

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004972.D
 Acq On : 03 Oct 2018 16:39
 Operator : JC/MD
 Sample : VX1004WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD01

Quant Time: Oct 04 01:23:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	252632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	373780	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	353417	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210479	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	176604	48.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.88%	
35) Dibromofluoromethane	5.50	113	146022	46.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.20%	
50) Toluene-d8	8.72	98	557658	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
62) 4-Bromofluorobenzene	11.14	95	205115	54.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	70750	20.540	ug/l	98
3) Chloromethane	1.32	50	77591	18.567	ug/l	100
4) Vinyl Chloride	1.40	62	78538	20.037	ug/l	99
5) Bromomethane	1.64	94	41061	17.666	ug/l	90
6) Chloroethane	1.71	64	45578	19.938	ug/l	99
7) Trichlorofluoromethane	1.92	101	99970	20.602	ug/l	93
8) Diethyl Ether	2.19	74	43195	20.491	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	56892	20.583	ug/l	99
10) Methyl Iodide	2.51	142	50534	13.662	ug/l	93
11) Tert butyl alcohol	3.08	59	106989	106.027	ug/l	100
12) 1,1-Dichloroethene	2.37	96	54481	19.903	ug/l	94
13) Acrolein	2.29	56	25502	35.521	ug/l	91
14) Allyl chloride	2.72	41	123655	20.704	ug/l	96
15) Acrylonitrile	3.15	53	232878	104.837	ug/l	96
16) Acetone	2.45	43	206927	98.213	ug/l	93
17) Carbon Disulfide	2.56	76	147103	17.884	ug/l	100
18) Methyl Acetate	2.78	43	129928	24.340	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	207543	21.981	ug/l	95
20) Methylene Chloride	2.85	84	65934	21.037	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	59467	19.845	ug/l	85
22) Diisopropyl ether	3.87	45	213042	21.183	ug/l	96
23) Vinyl Acetate	3.82	43	912768	99.147	ug/l	99
24) 1,1-Dichloroethane	3.70	63	120703	20.119	ug/l	99
25) 2-Butanone	4.71	43	311422	100.276	ug/l	97
26) 2,2-Dichloropropane	4.58	77	83822	20.064	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	65955	19.703	ug/l	94
28) Bromochloromethane	5.01	49	55727	19.725	ug/l	98
29) Tetrahydrofuran	5.16	42	204230	105.803	ug/l	99
30) Chloroform	5.21	83	110162	19.429	ug/l	99
31) Cyclohexane	5.57	56	97054	21.137	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	92675	20.014	ug/l	95
36) 1,1-Dichloropropene	5.79	75	79400	18.371	ug/l	95
37) Ethyl Acetate	4.86	43	109278	19.047	ug/l	97
38) Carbon Tetrachloride	5.78	117	77805	17.125	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004972.D
 Acq On : 03 Oct 2018 16:39
 Operator : JC/MD
 Sample : VX1004WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD01

Quant Time: Oct 04 01:23:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	91163	20.656	ug/l #	84
40) Benzene	6.14	78	248152	18.339	ug/l	95
41) Methacrylonitrile	5.06	41	60876	19.133	ug/l	97
42) 1,2-Dichloroethane	6.20	62	87643	18.322	ug/l	98
43) Isopropyl Acetate	6.46	43	160153	19.340	ug/l	96
44) Trichloroethene	7.21	130	67619	20.328	ug/l	95
45) 1,2-Dichloropropane	7.52	63	65518	19.745	ug/l	98
46) Dibromomethane	7.66	93	41573	19.935	ug/l	98
47) Bromodichloromethane	7.90	83	79004	20.234	ug/l	99
48) Methyl methacrylate	7.78	41	81043	21.563	ug/l	97
49) 1,4-Dioxane	7.76	88	39354	421.458	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	576642	110.596	ug/l	100
52) Toluene	8.79	92	154887	20.832	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	87568	19.847	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	97572	21.113	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	65768	20.194	ug/l	97
56) Ethyl methacrylate	9.18	69	100682	20.822	ug/l	95
57) 1,3-Dichloropropane	9.37	76	109676	20.234	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	279588	108.197	ug/l	99
59) 2-Hexanone	9.50	43	455365	104.805	ug/l	95
60) Dibromochloromethane	9.59	129	62759	19.268	ug/l	99
61) 1,2-Dibromoethane	9.67	107	66326	19.016	ug/l	94
64) Tetrachloroethene	9.34	164	67632	19.443	ug/l	95
65) Chlorobenzene	10.14	112	174883	19.297	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	60696	19.051	ug/l	98
67) Ethyl Benzene	10.26	91	284424	19.768	ug/l	96
68) m/p-Xylenes	10.36	106	223808	39.806	ug/l	95
69) o-Xylene	10.70	106	108083	20.929	ug/l	100
70) Styrene	10.71	104	181082	20.086	ug/l	100
71) Bromoform	10.86	173	49978	18.323	ug/l	96
73) Isopropylbenzene	11.02	105	292628	22.057	ug/l	100
74) N-amyl acetate	10.90	43	137230	19.909	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	106113	19.649	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	118558	25.131	ug/l	87
77) Bromobenzene	11.26	156	79304	20.580	ug/l	99
78) n-propylbenzene	11.36	91	331229	21.760	ug/l	99
79) 2-Chlorotoluene	11.42	91	202094	21.300	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	246335	20.141	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	28006	17.535	ug/l	99
82) 4-Chlorotoluene	11.51	91	235111	21.052	ug/l	100
83) tert-Butylbenzene	11.77	119	238977	21.878	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	251594	19.945	ug/l	99
85) sec-Butylbenzene	11.94	105	290175	21.810	ug/l	100
86) p-Isopropyltoluene	12.07	119	257901	21.396	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	142397	19.790	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	146900	19.777	ug/l	98
89) n-Butylbenzene	12.39	91	224639	20.520	ug/l	99
90) Hexachloroethane	12.60	117	37690	18.780	ug/l	96
91) 1,2-Dichlorobenzene	12.40	146	144807	19.257	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	24011	20.249	ug/l	99

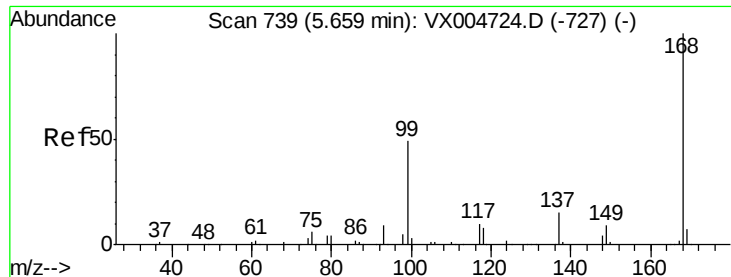
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
Data File : VX004972.D
Acq On : 03 Oct 2018 16:39
Operator : JC/MD
Sample : VX1004WBSD01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD01

Quant Time: Oct 04 01:23:24 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	106796	20.246	ug/l	100
94) Hexachlorobutadiene	13.79	225	51339	18.769	ug/l	99
95) Naphthalene	13.83	128	340668	19.898	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	110883	20.349	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

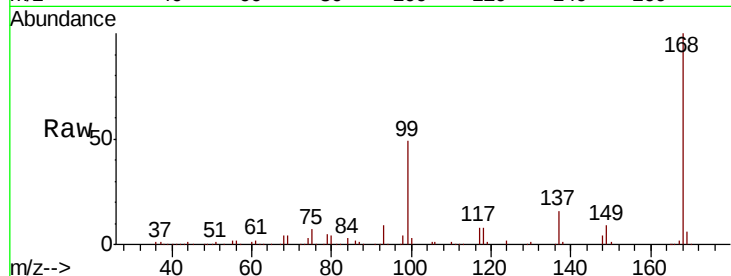
VX1004WBSD01

Tot Ion:168 Resp: 252632

Ion Ratio Lower Upper

168 100

99 49.2 39.3 58.9

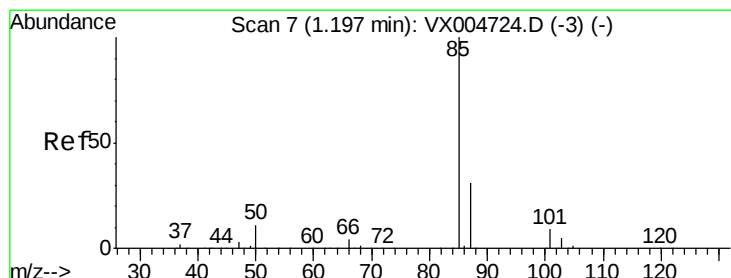
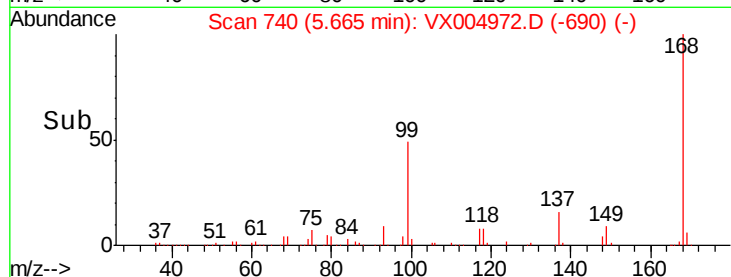


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

Time-->



#2

Dichlorodifluoromethane

Concen: 20.540 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004972.D

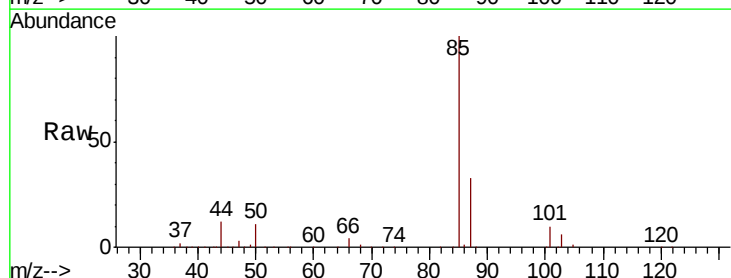
Acq: 03 Oct 2018 16:39

Tgt Ion: 85 Resp: 70750

Ion Ratio Lower Upper

85 100

87 32.5 15.7 47.1

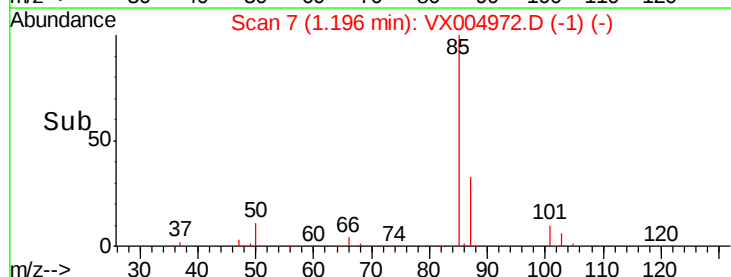


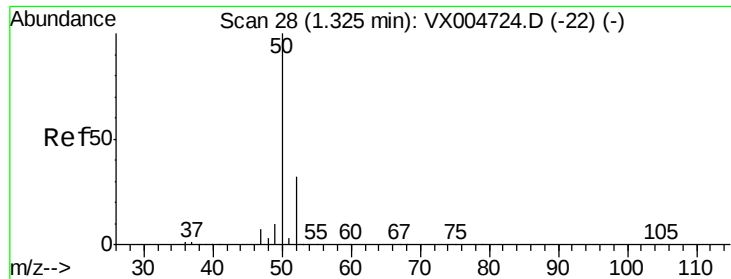
Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

Time-->





#3

Chloromethane

Concen: 18.567 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

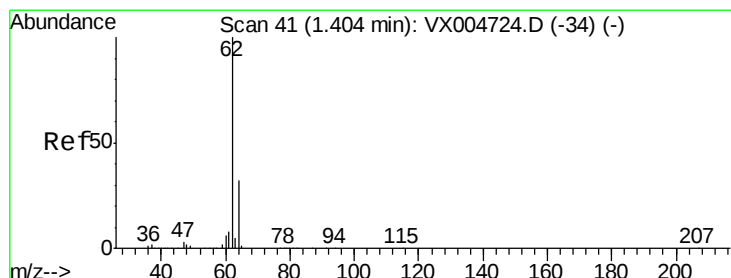
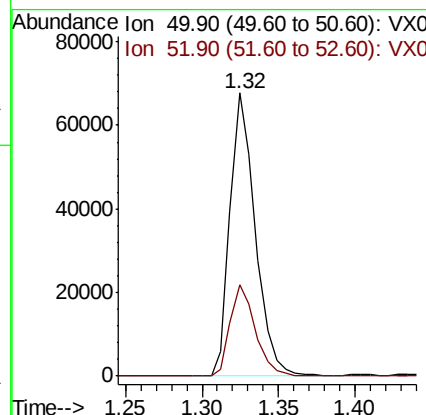
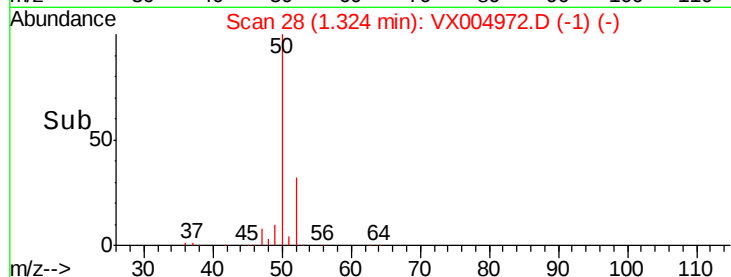
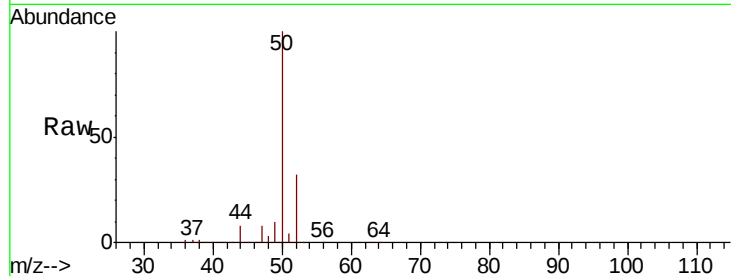
VX1004WBSD01

Tot Ion: 50 Resp: 77591

Ion Ratio Lower Upper

50 100

52 32.3 25.8 38.6



#4

Vinyl Chloride

Concen: 20.037 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004972.D

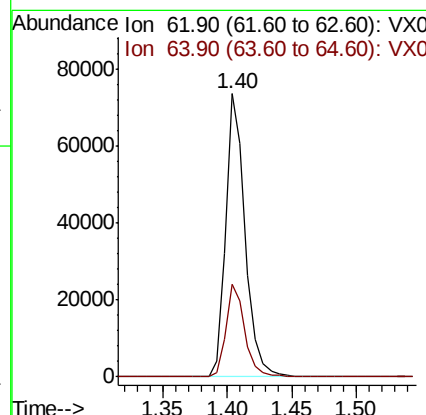
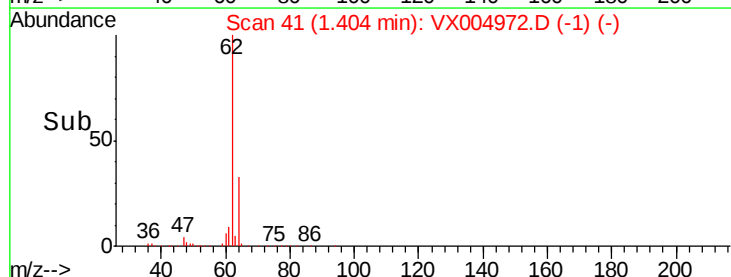
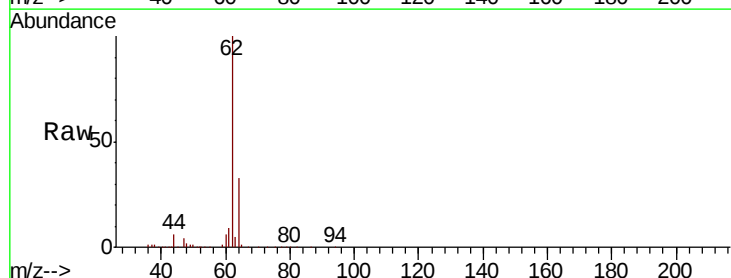
Acq: 03 Oct 2018 16:39

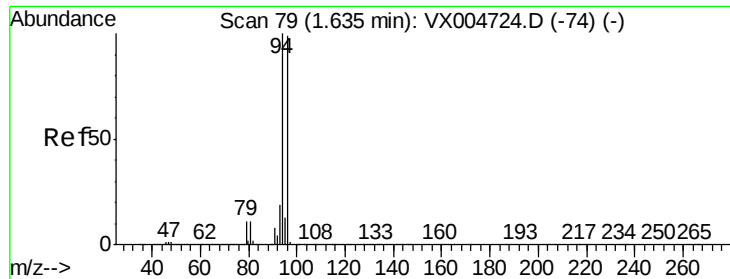
Tgt Ion: 62 Resp: 78538

Ion Ratio Lower Upper

62 100

64 32.6 25.5 38.3





#5

Bromomethane

Concen: 17.666 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

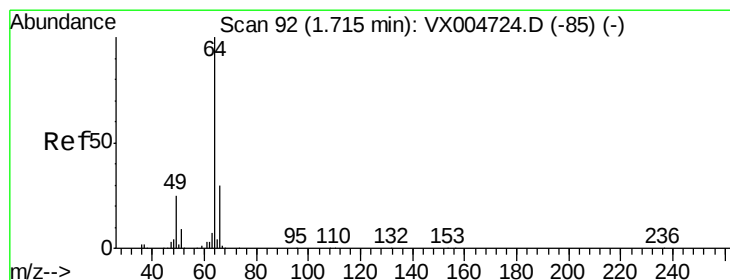
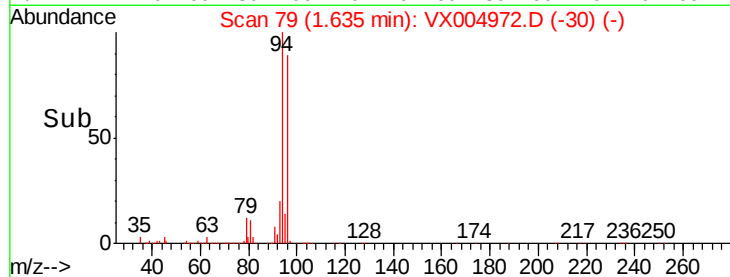
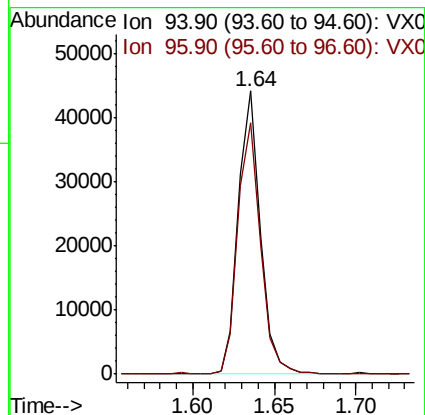
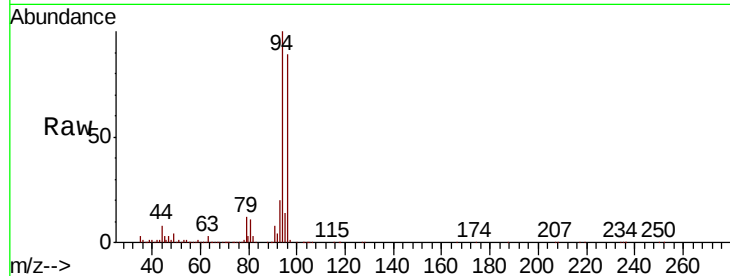
VX1004WBSD01

Tot Ion: 94 Resp: 41061

Ion Ratio Lower Upper

94 100

96 88.9 79.5 119.3



#6

Chloroethane

Concen: 19.938 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX004972.D

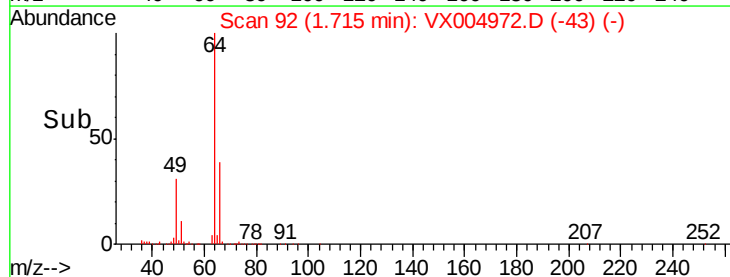
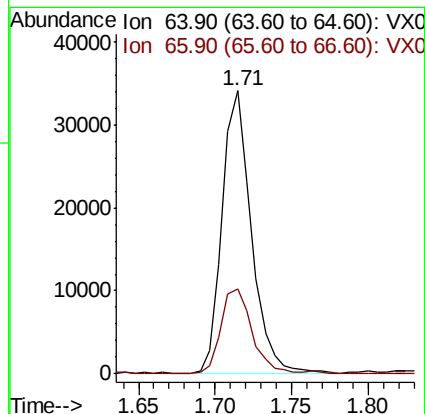
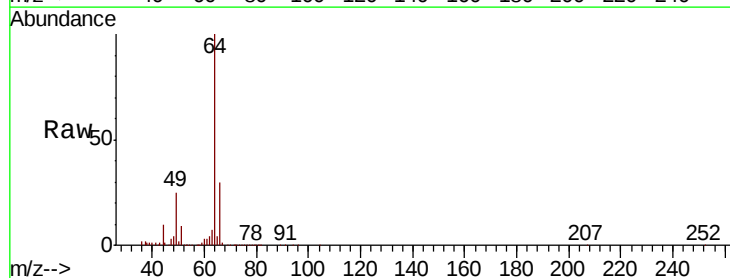
Acq: 03 Oct 2018 16:39

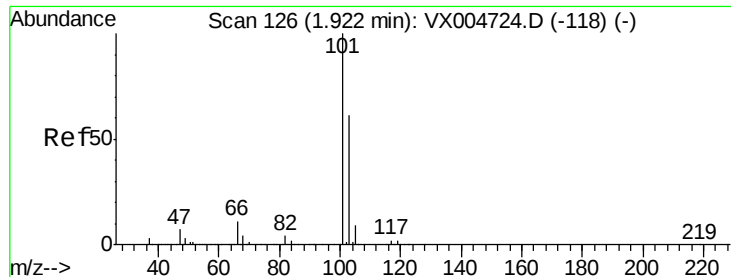
Tgt Ion: 64 Resp: 45578

Ion Ratio Lower Upper

64 100

66 30.0 23.8 35.6



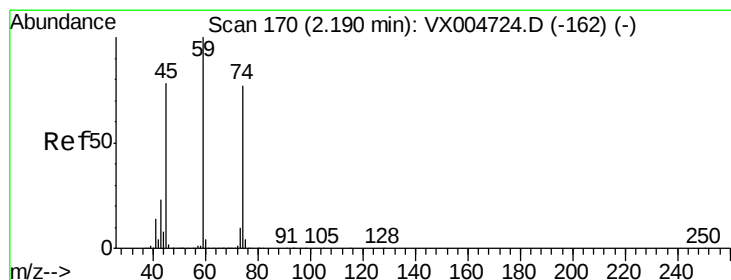
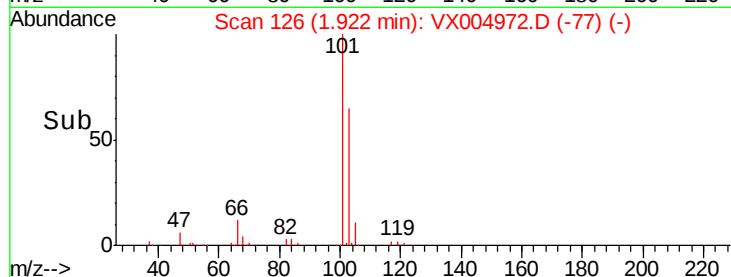
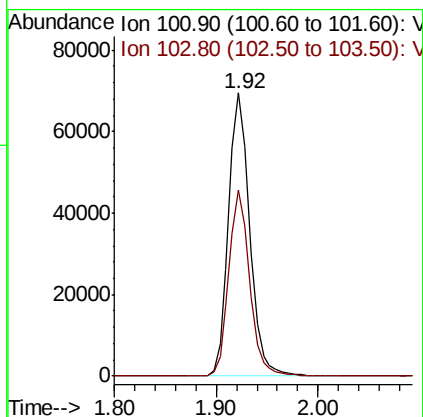
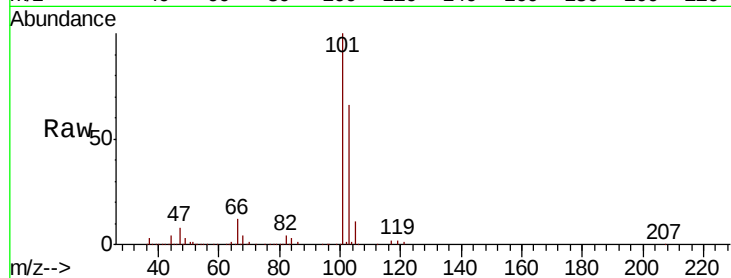


#7

Trichlorofluoromethane
 Concen: 20.602 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.00 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD01

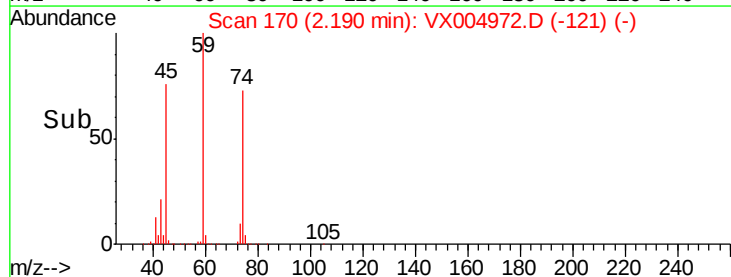
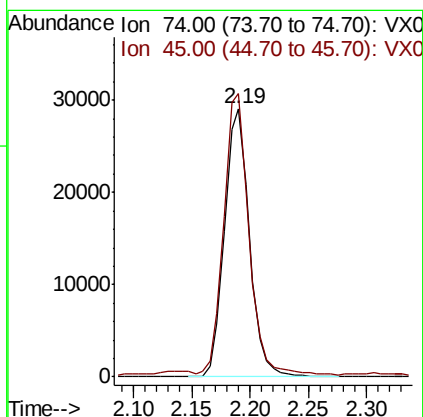
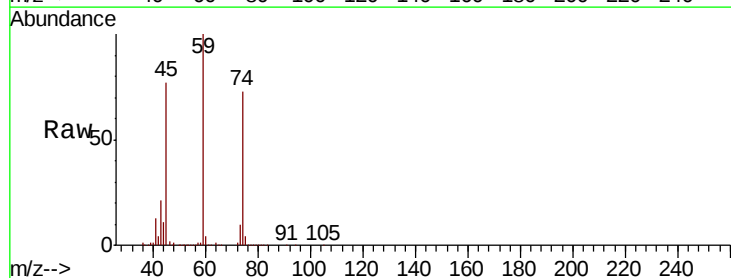
Tot Ion:101 Resp: 99970
 Ion Ratio Lower Upper
 101 100
 103 65.6 48.4 72.6

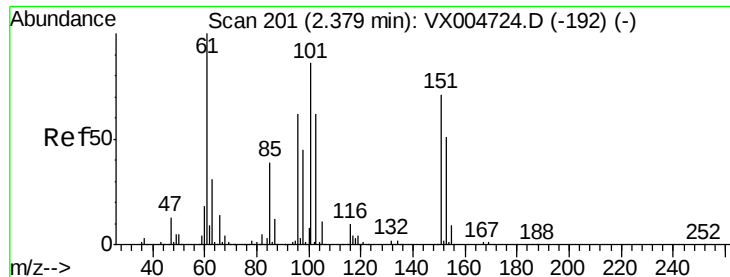


#8

Diethyl Ether
 Concen: 20.491 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

Tgt Ion: 74 Resp: 43195
 Ion Ratio Lower Upper
 74 100
 45 104.3 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.583 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD01

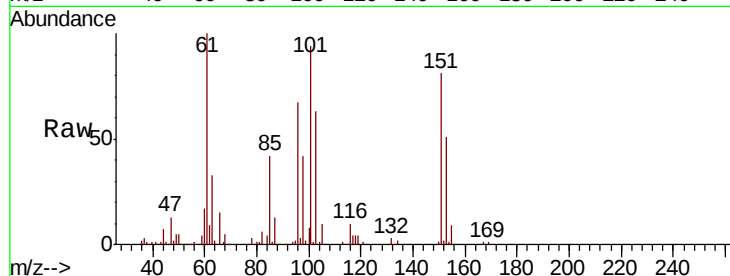
Tot Ion:101 Resp: 56892

Ion Ratio Lower Upper

101 100

85 43.8 35.9 53.9

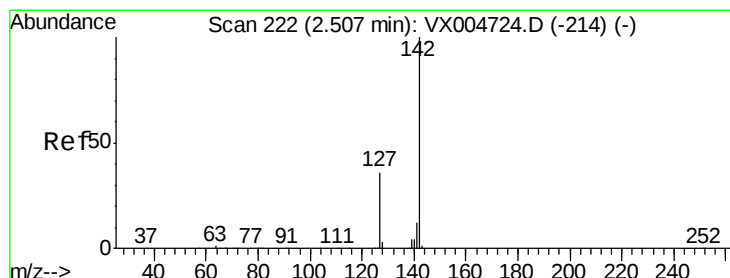
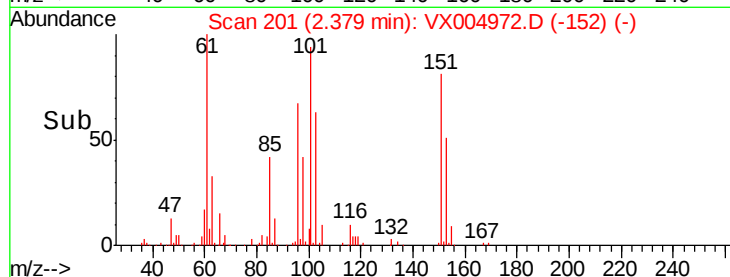
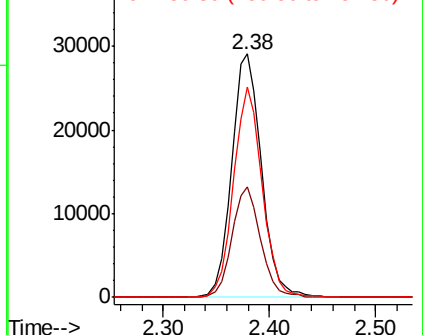
151 83.5 66.6 100.0



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 13.662 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

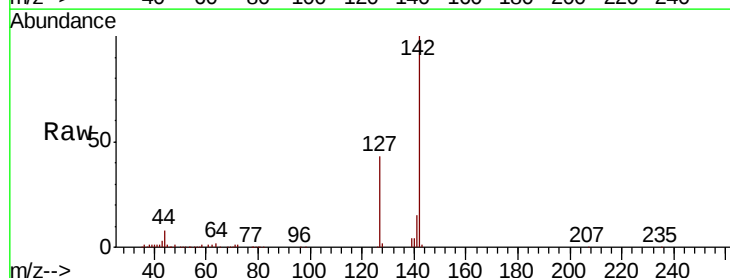
Tgt Ion:142 Resp: 50534

Ion Ratio Lower Upper

142 100

127 42.3 30.1 45.1

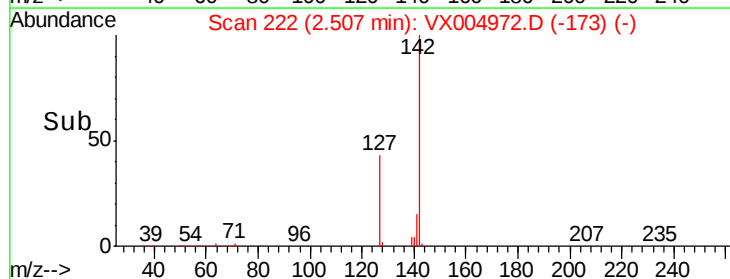
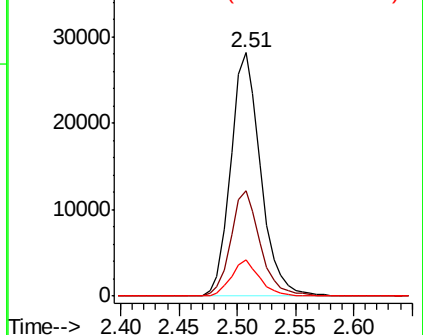
141 14.2 10.1 15.1

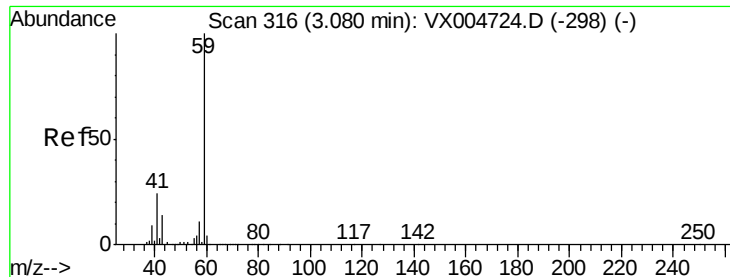


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

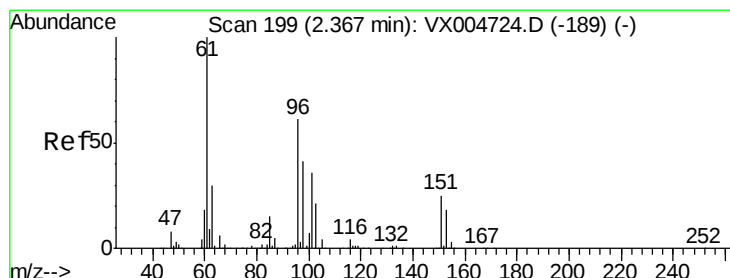
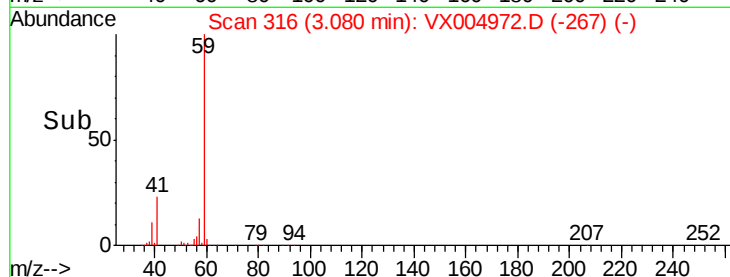
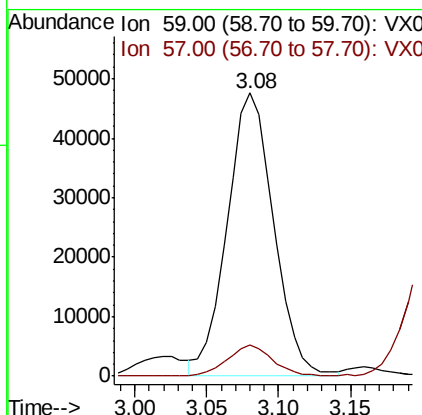
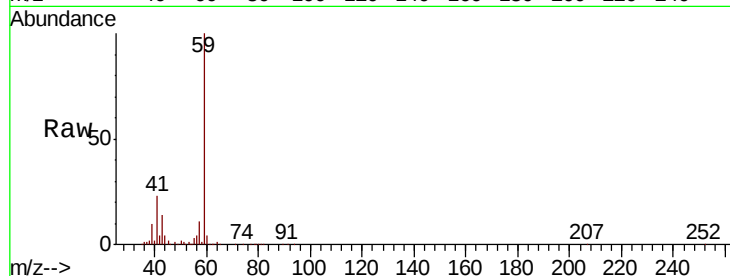




#11
Tert butyl alcohol
Concen: 106.027 ug/l
RT: 3.08 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

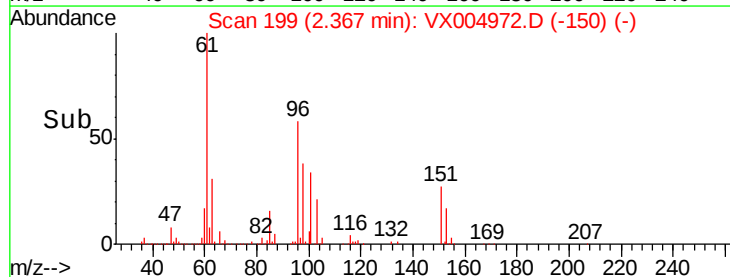
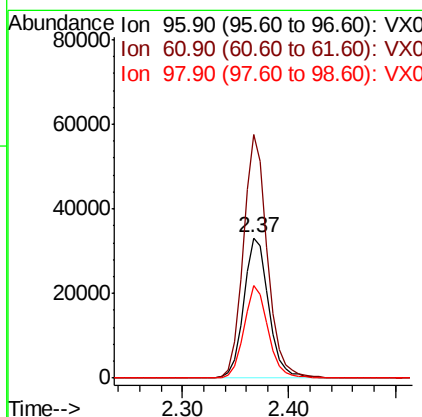
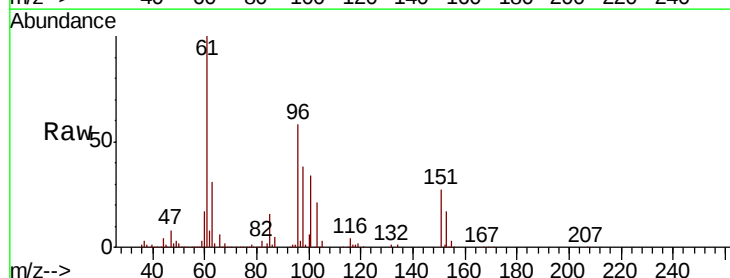
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD01

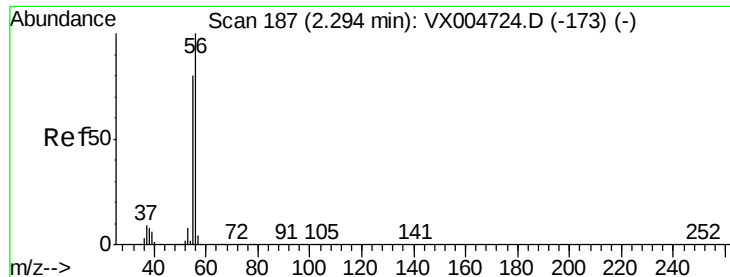
Tot Ion: 59 Resp: 106989
Ion Ratio Lower Upper
59 100
57 10.8 8.6 12.8



#12
1,1-Dichloroethene
Concen: 19.903 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Tgt Ion: 96 Resp: 54481
Ion Ratio Lower Upper
96 100
61 173.1 130.2 195.4
98 65.6 53.4 80.0





#13

Acrolein

Concen: 35.521 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

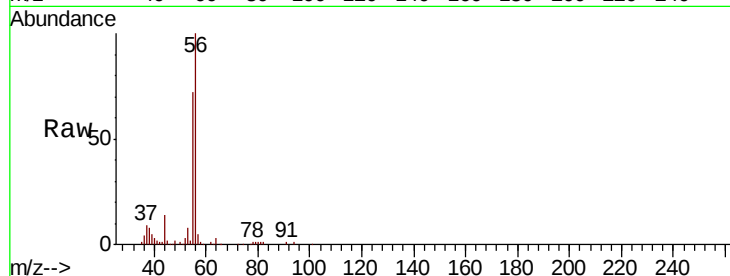
VX1004WBSD01

Tot Ion: 56 Resp: 25502

Ion Ratio Lower Upper

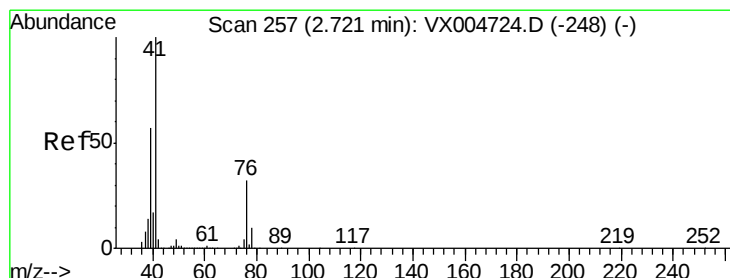
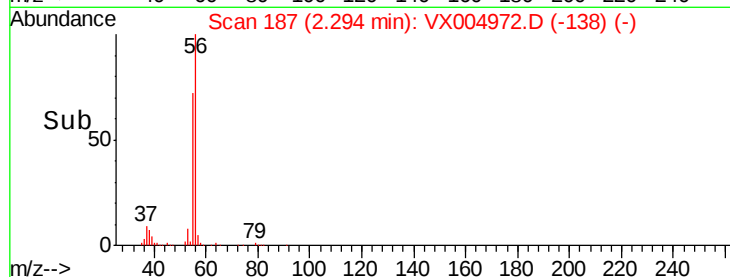
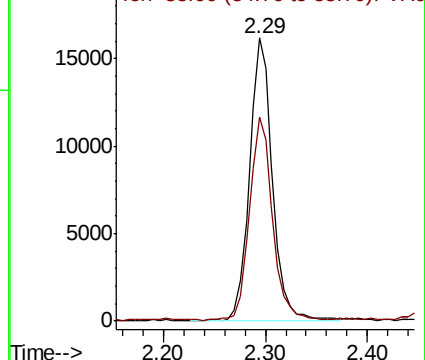
56 100

55 71.4 63.4 95.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.704 ug/l

RT: 2.72 min Scan# 257

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

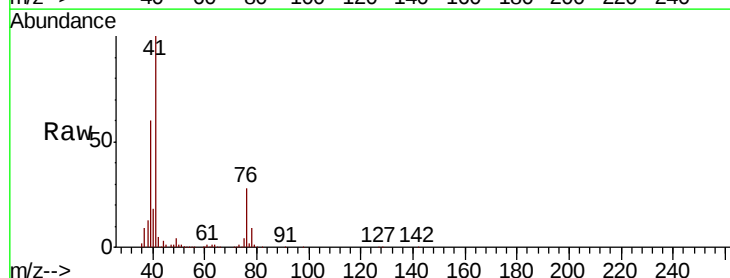
Tgt Ion: 41 Resp: 123655

Ion Ratio Lower Upper

41 100

39 57.0 44.1 66.1

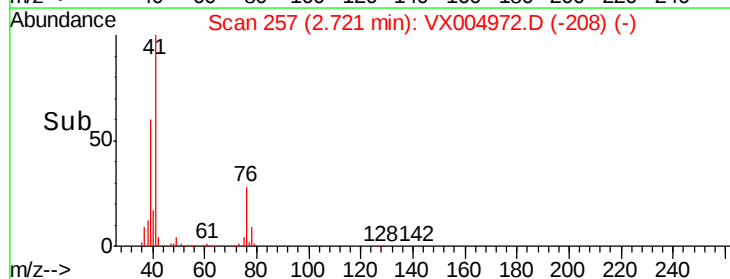
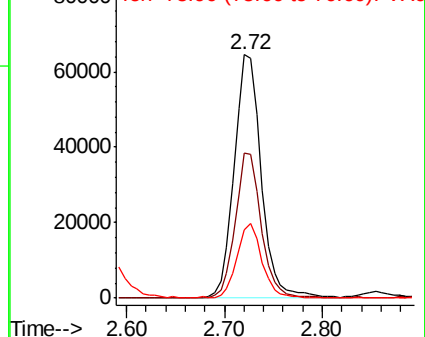
76 28.4 25.0 37.4

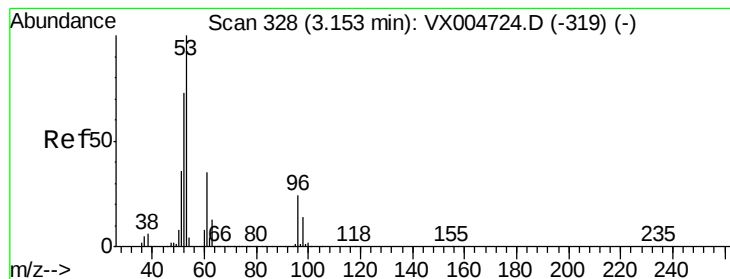


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 104.837 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD01

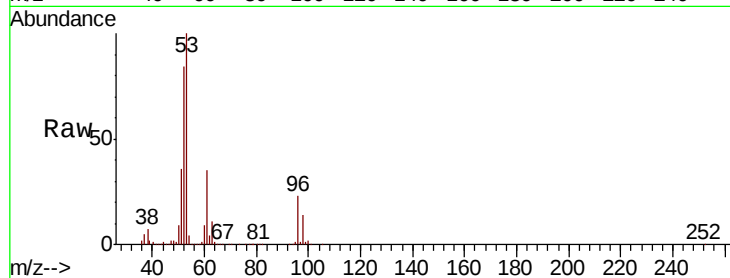
Tot Ion: 53 Resp: 232878

Ion Ratio Lower Upper

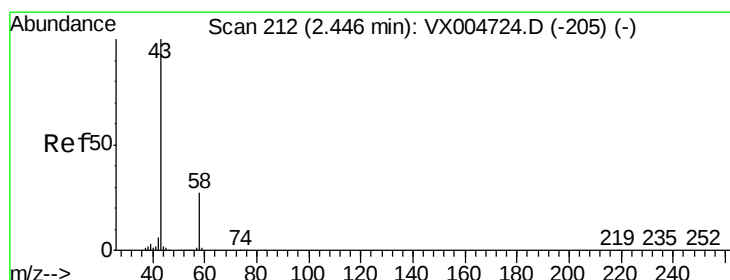
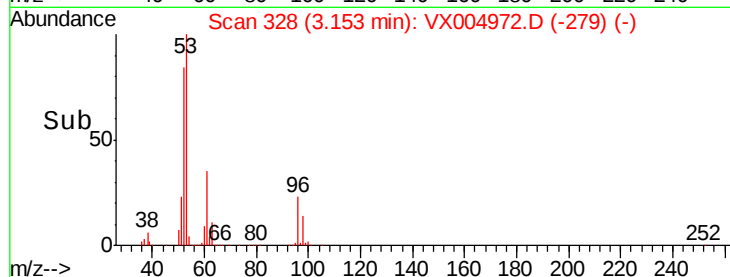
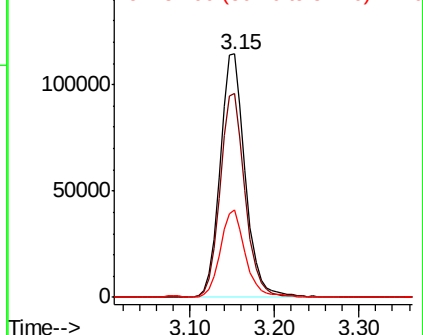
53 100

52 83.4 63.0 94.4

51 35.7 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 98.213 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004972.D

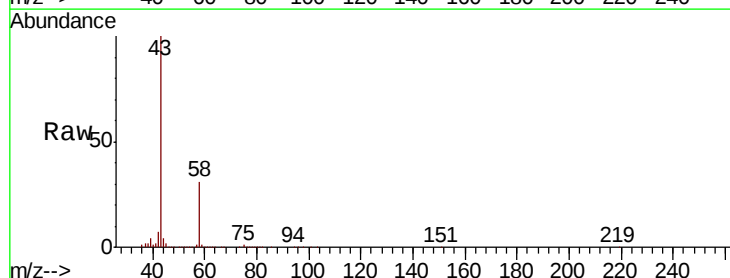
Acq: 03 Oct 2018 16:39

Tgt Ion: 43 Resp: 206927

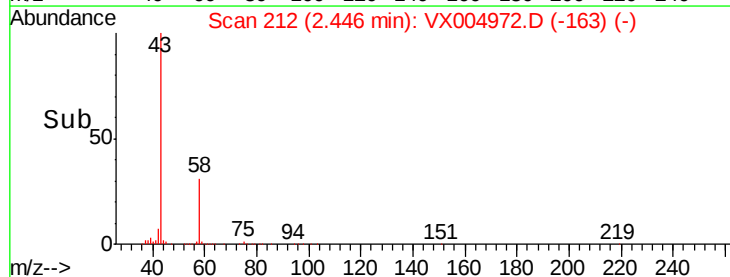
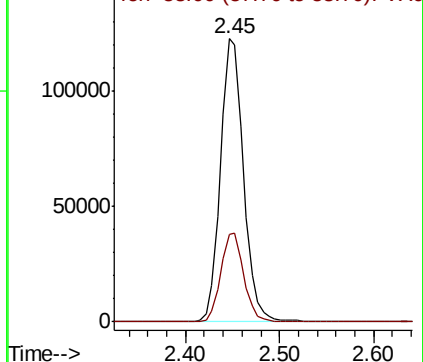
Ion Ratio Lower Upper

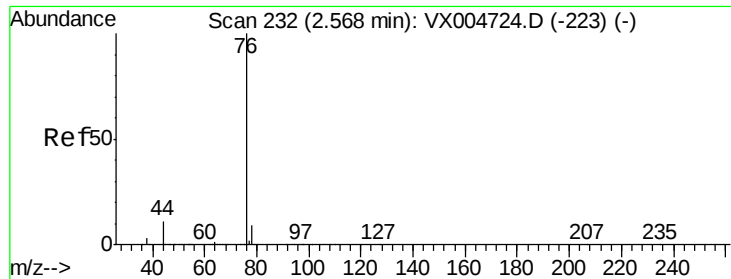
43 100

58 31.1 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

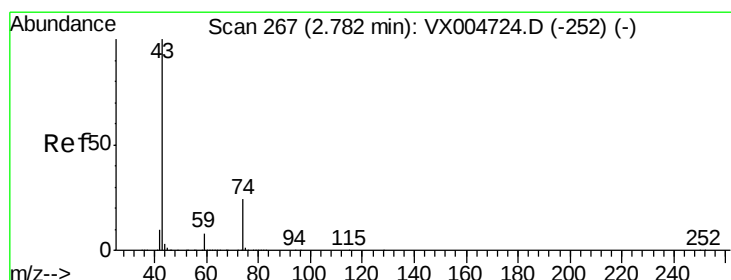
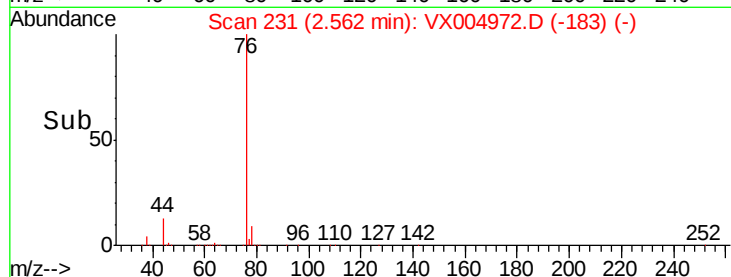
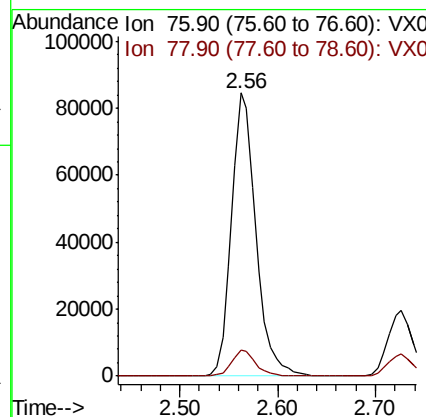
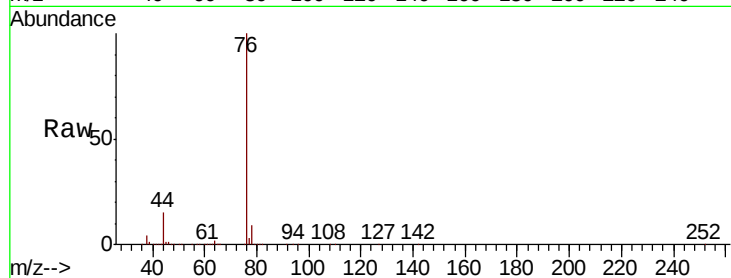




#17
Carbon Disulfide
Concen: 17.884 ug/l
RT: 2.56 min Scan# 231
Delta R.T. -0.01 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

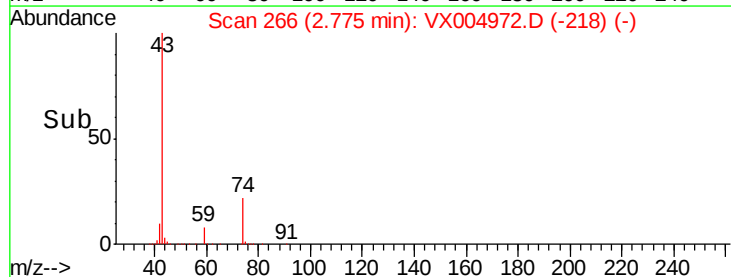
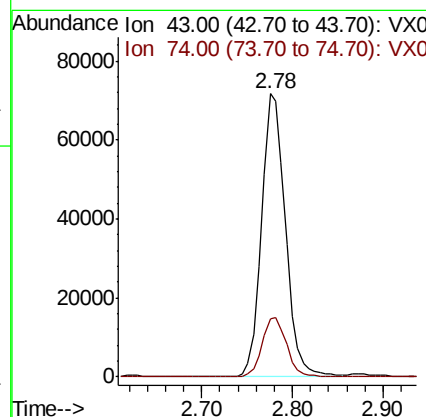
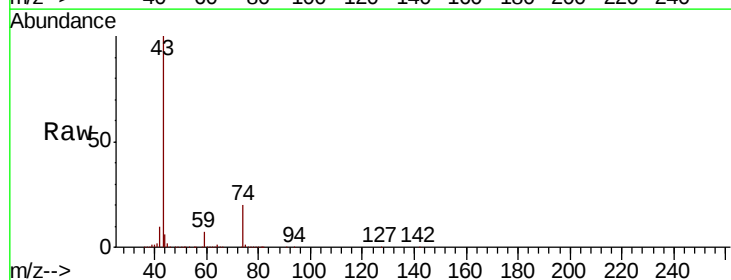
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD01

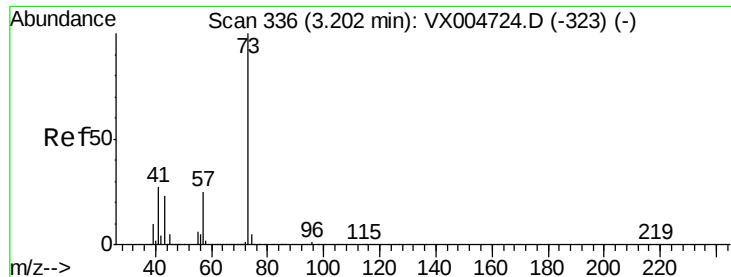
Tot Ion: 76 Resp: 147103
Ion Ratio Lower Upper
76 100
78 8.9 7.0 10.6



#18
Methyl Acetate
Concen: 24.340 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Tgt Ion: 43 Resp: 129928
Ion Ratio Lower Upper
43 100
74 21.0 17.8 26.8



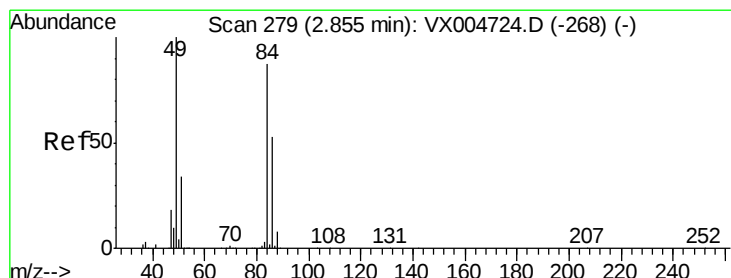
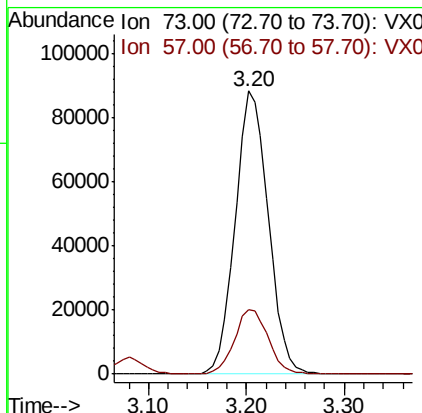
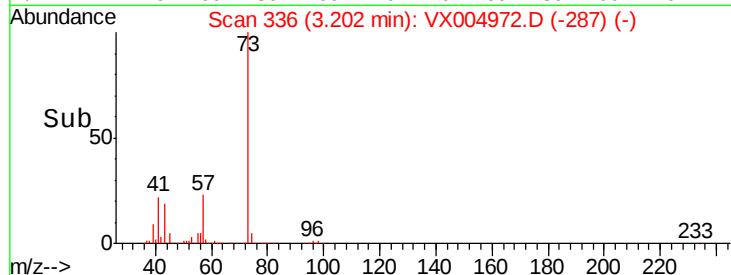
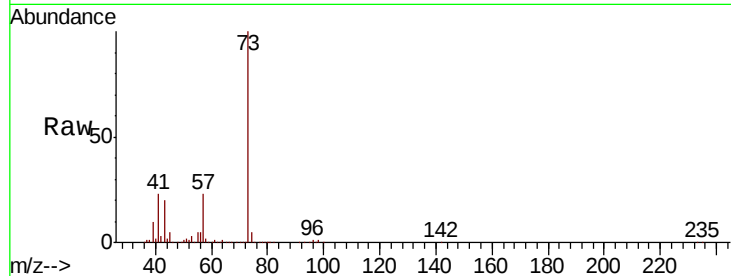


#19

Methyl tert-butyl Ether
 Concen: 21.981 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD01

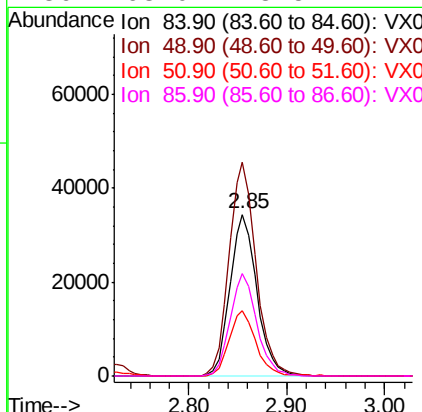
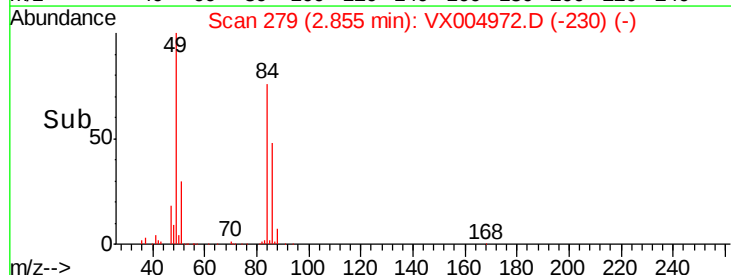
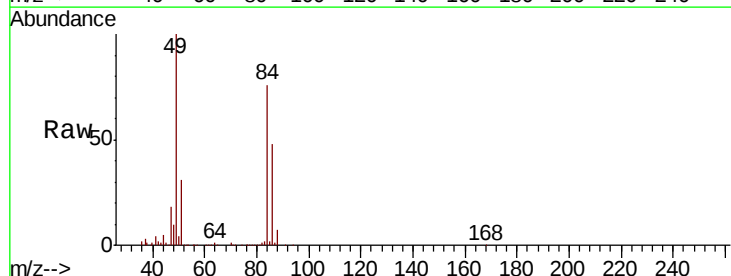
Tot Ion: 73 Resp: 207543
 Ion Ratio Lower Upper
 73 100
 57 22.6 19.9 29.9

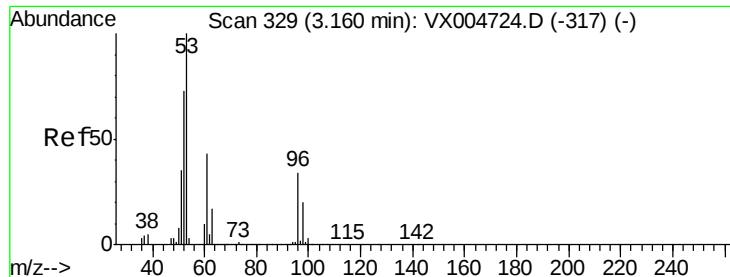


#20

Methylene Chloride
 Concen: 21.037 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

Tgt Ion: 84 Resp: 65934
 Ion Ratio Lower Upper
 84 100
 49 132.0 92.3 138.5
 51 40.5 31.8 47.6
 86 63.0 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 19.845 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD01

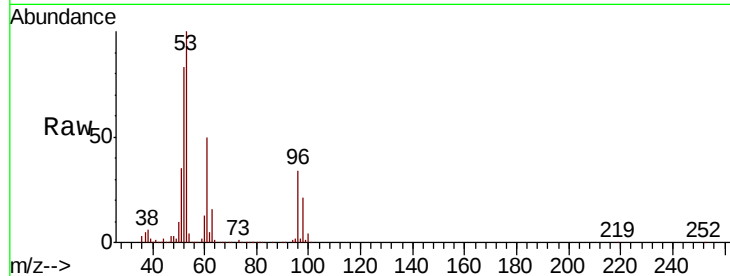
Tot Ion: 96 Resp: 59467

Ion Ratio Lower Upper

96 100

61 148.0 101.0 151.6

98 63.0 47.2 70.8

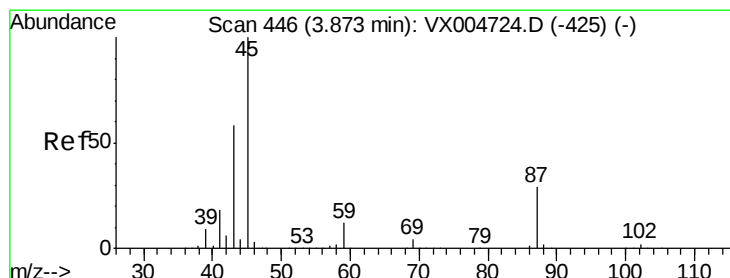
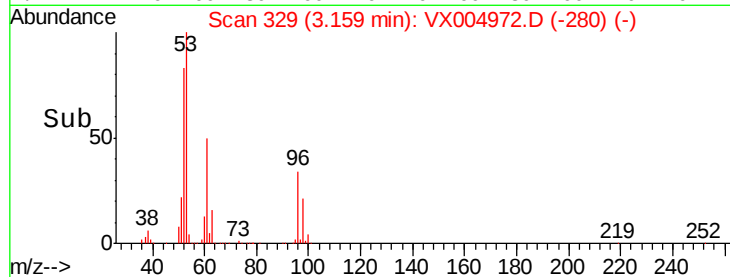
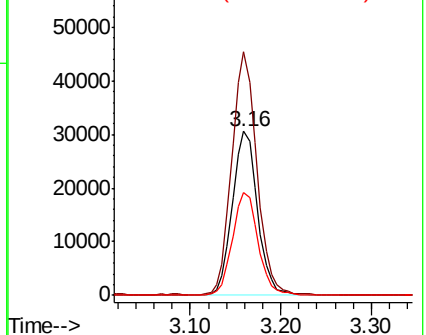


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.183 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Tgt Ion: 45 Resp: 213042

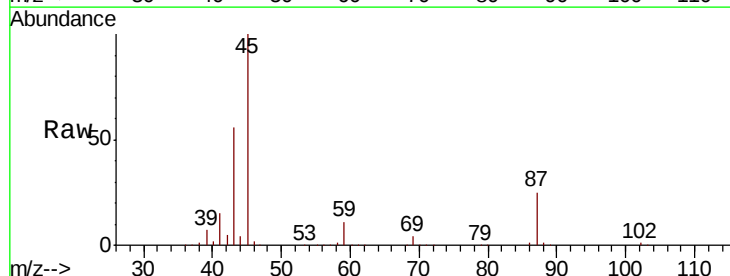
Ion Ratio Lower Upper

45 100

43 56.2 46.7 70.1

87 24.9 22.9 34.3

59 10.9 9.3 13.9



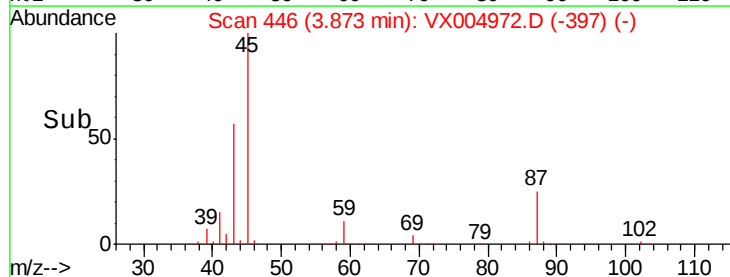
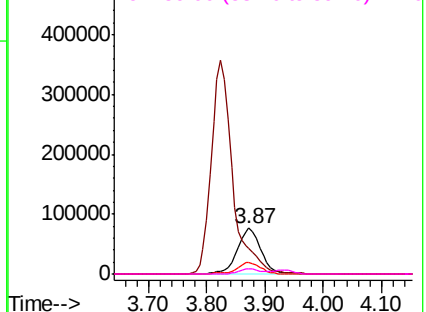
Abundance

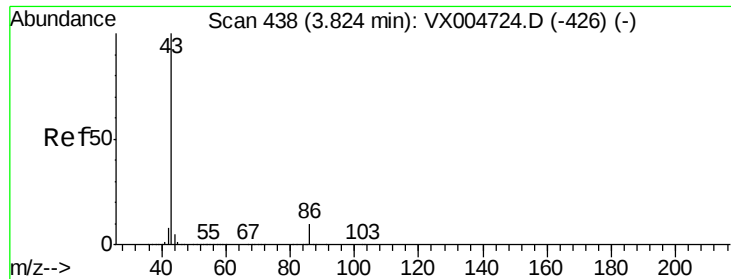
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 99.147 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

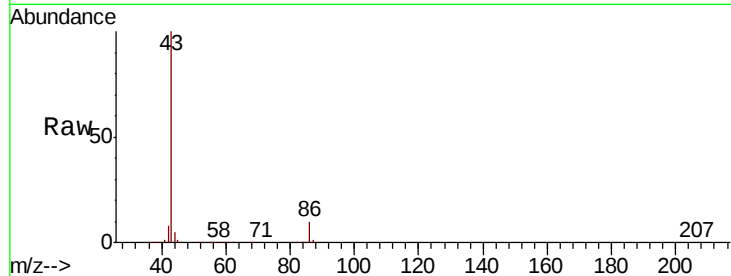
VX1004WBSD01

Tot Ion: 43 Resp: 912768

Ion Ratio Lower Upper

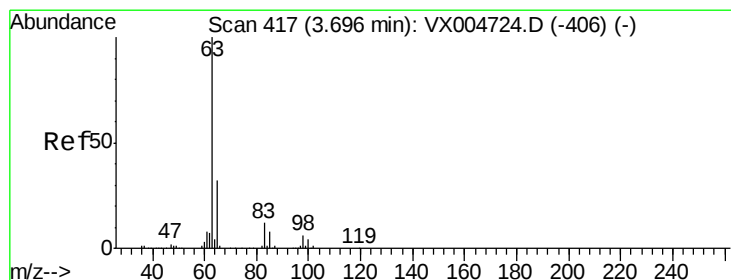
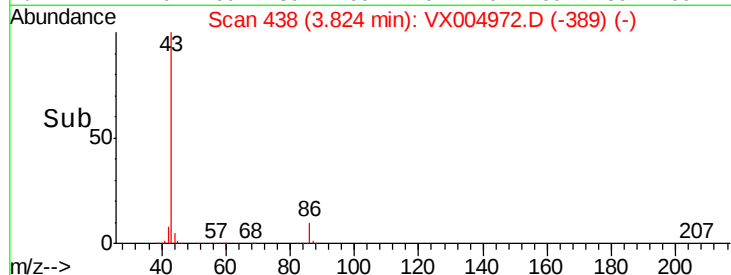
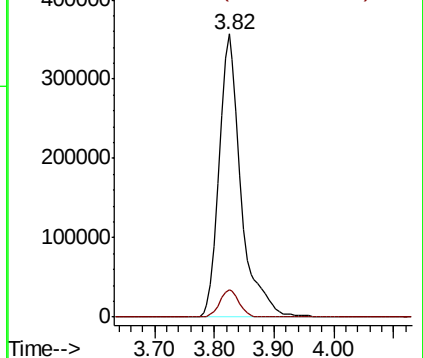
43 100

86 9.6 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 20.119 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

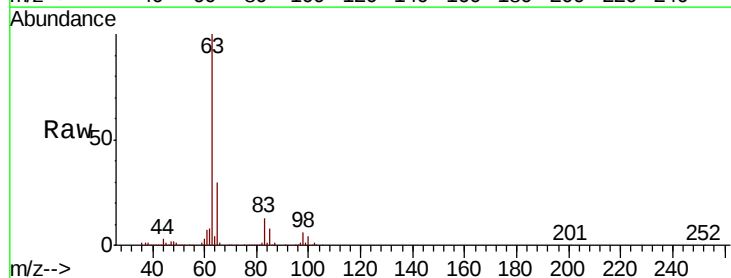
Tgt Ion: 63 Resp: 120703

Ion Ratio Lower Upper

63 100

98 6.4 3.0 9.2

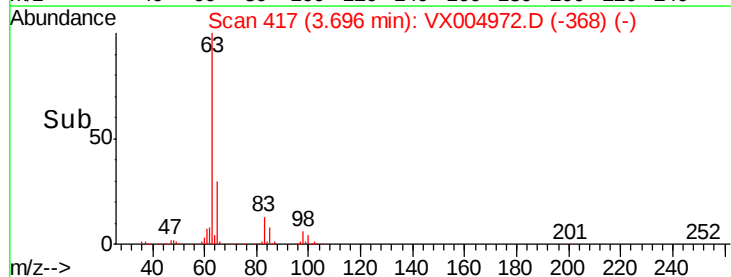
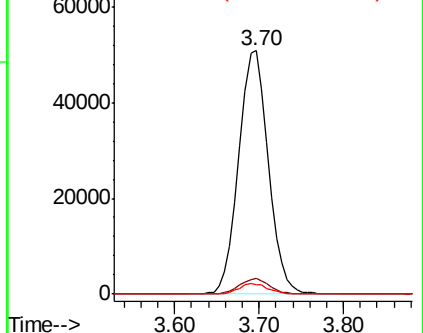
100 3.9 2.0 5.8

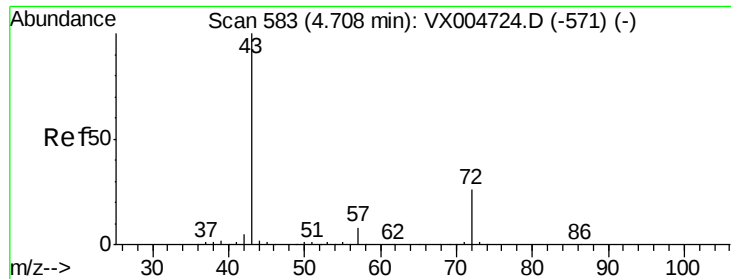


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 100.276 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

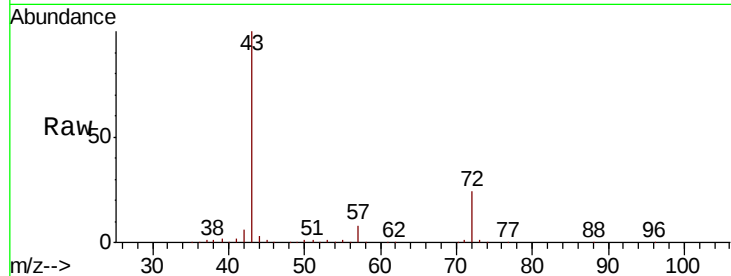
VX1004WBSD01

Tot Ion: 43 Resp: 311422

Ion Ratio Lower Upper

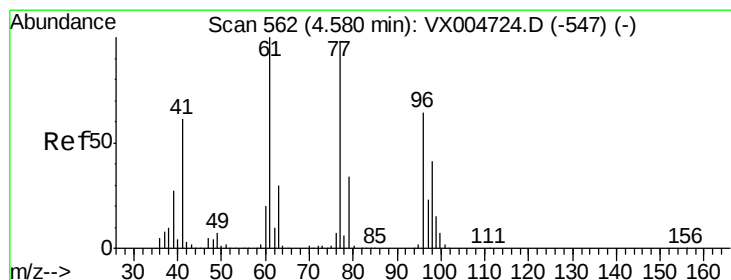
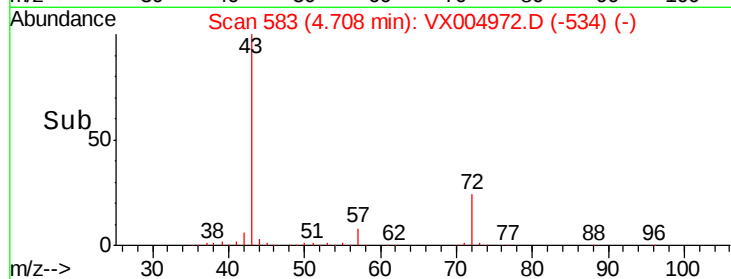
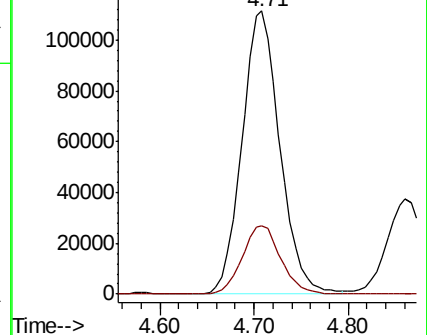
43 100

72 24.3 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.064 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004972.D

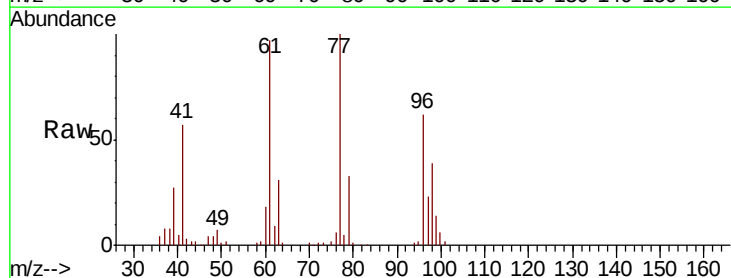
Acq: 03 Oct 2018 16:39

Tgt Ion: 77 Resp: 83822

Ion Ratio Lower Upper

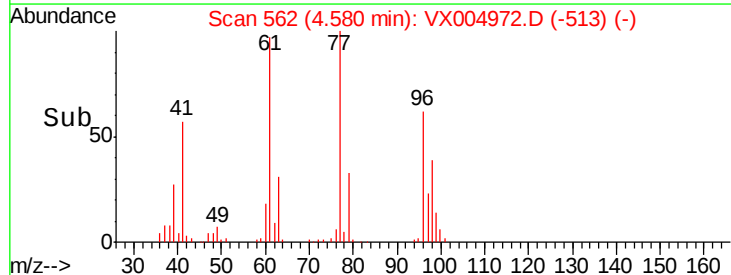
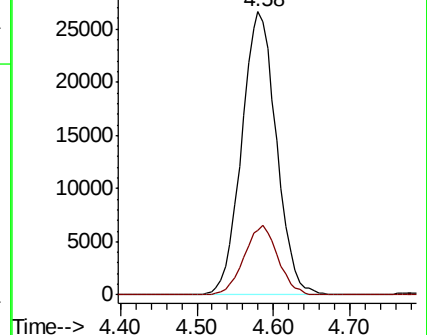
77 100

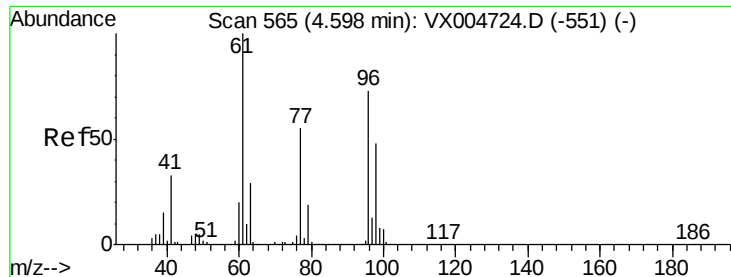
97 23.9 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



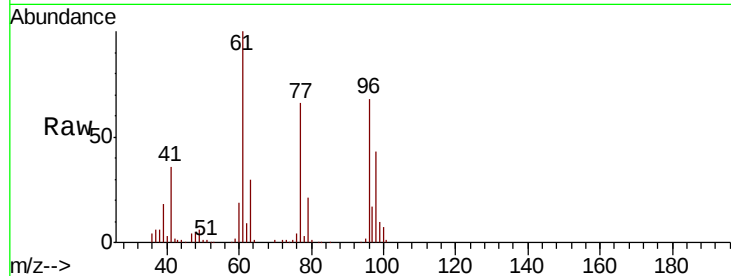


#27

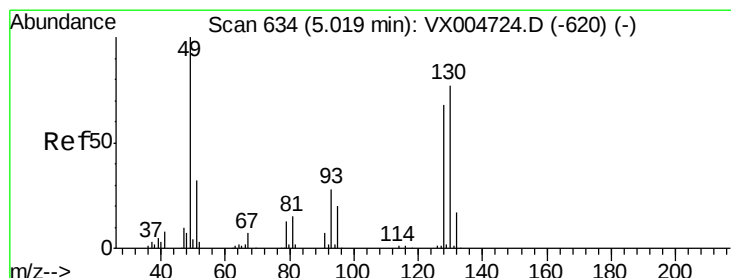
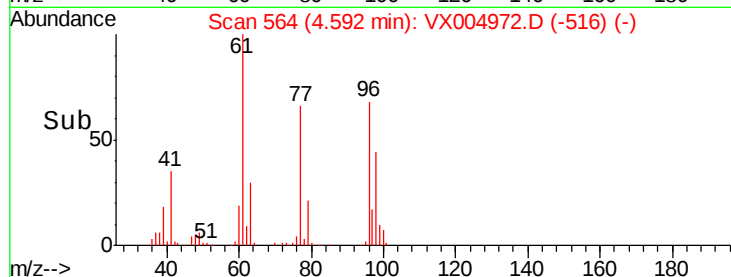
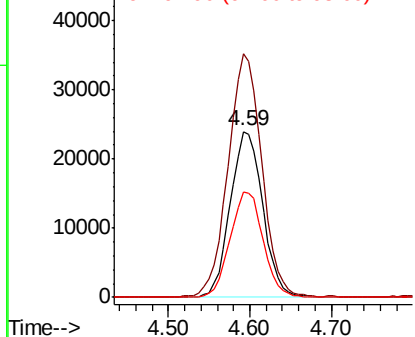
cis-1,2-Dichloroethene
 Concen: 19.703 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	151.6	0.0	285.8
98	64.8	0.0	136.2



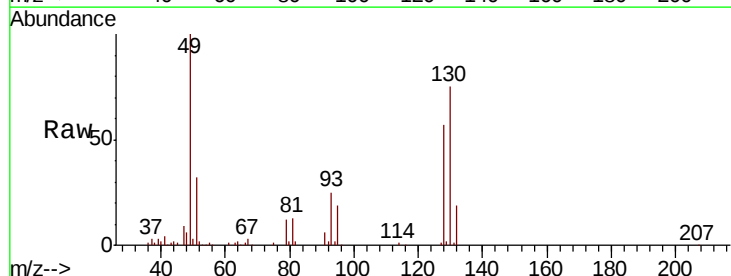
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



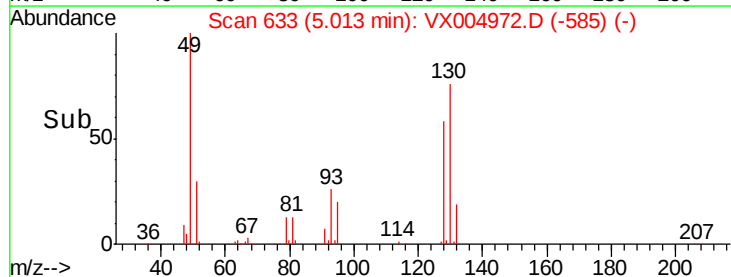
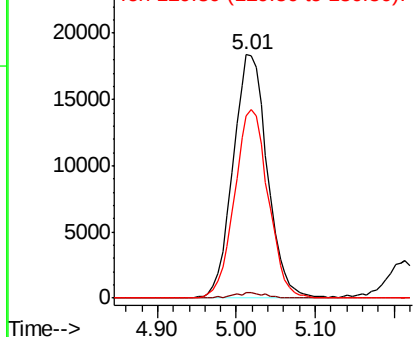
#28

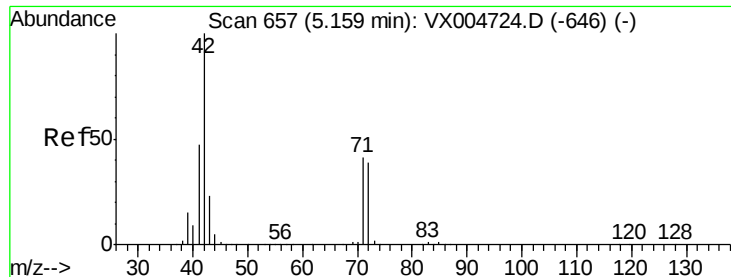
Bromochloromethane
 Concen: 19.725 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	75.9	62.0	93.0



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

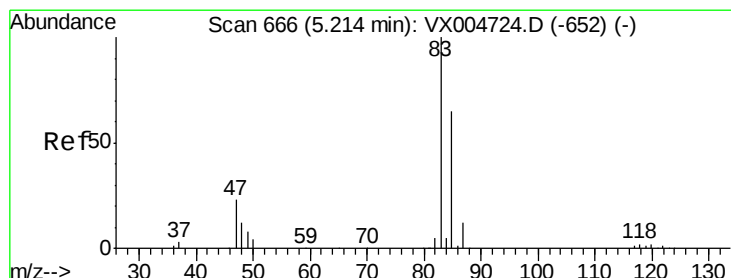
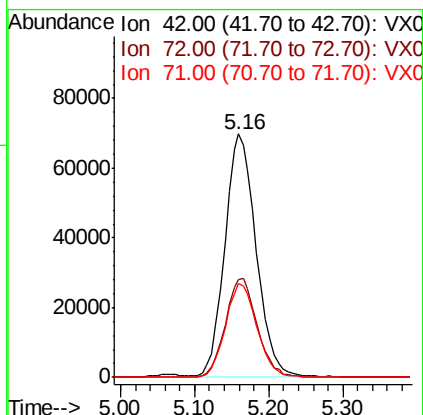
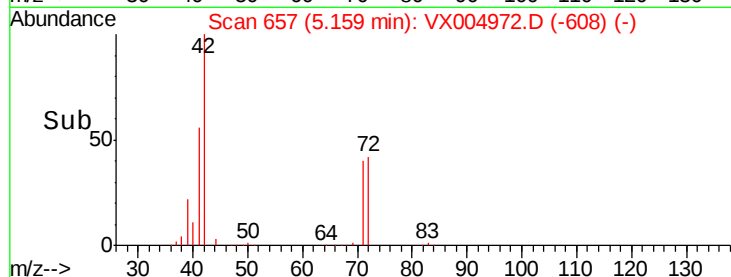
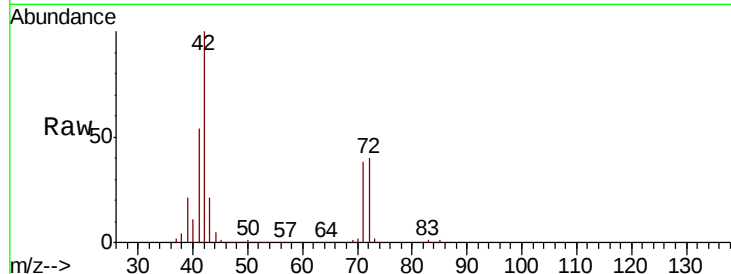




#29
Tetrahydrofuran
Concen: 105.803 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

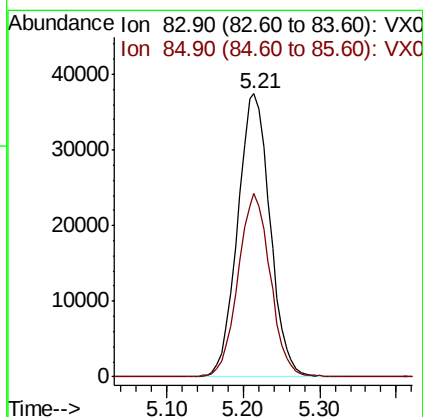
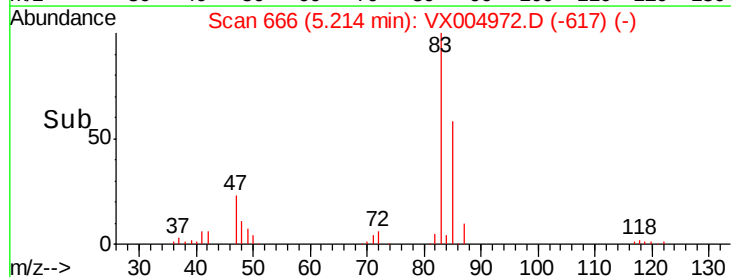
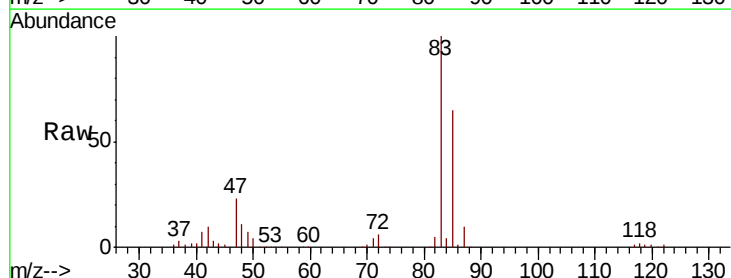
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD01

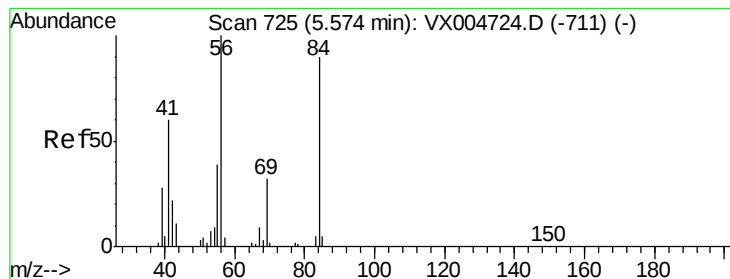
Tot Ion	Ratio	Lower	Upper
42	100		
72	41.7	33.7	50.5
71	39.0	32.2	48.4



#30
Chloroform
Concen: 19.429 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	52.4	78.6





#31

Cyclohexane

Concen: 21.137 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD01

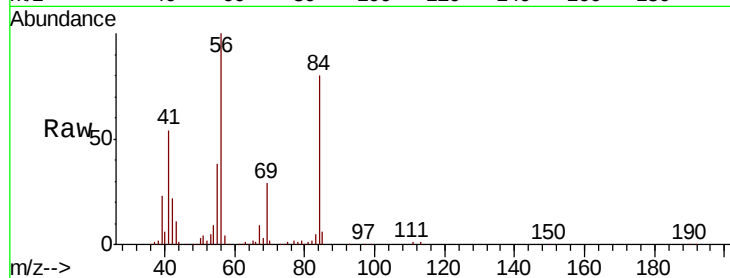
Tot Ion: 56 Resp: 97054

Ion Ratio Lower Upper

56 100

69 28.7 25.9 38.9

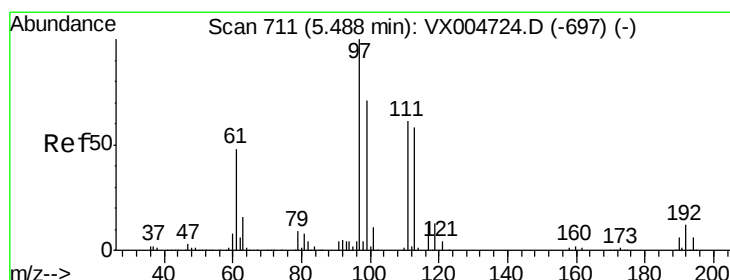
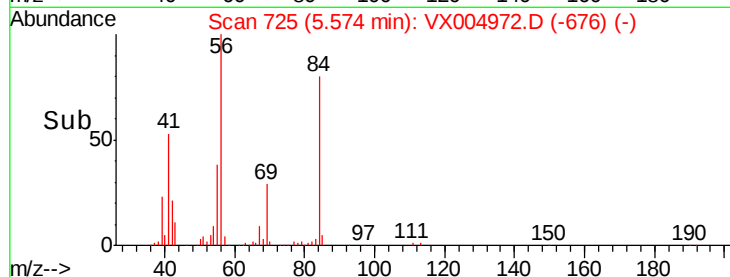
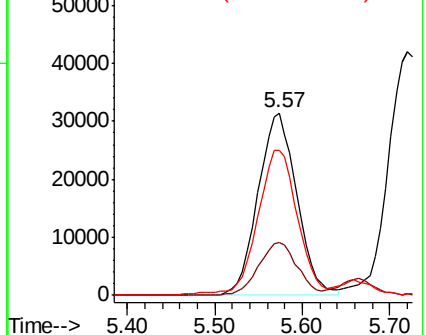
84 78.9 71.9 107.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 20.014 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

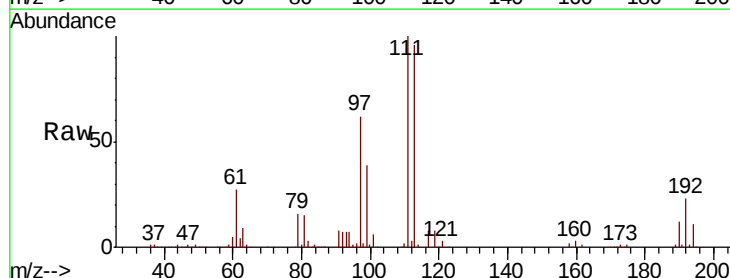
Tgt Ion: 97 Resp: 92675

Ion Ratio Lower Upper

97 100

99 64.4 54.6 82.0

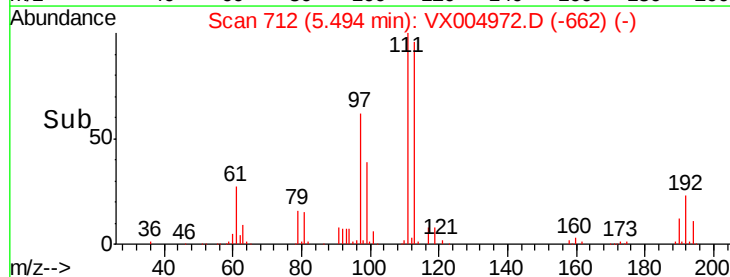
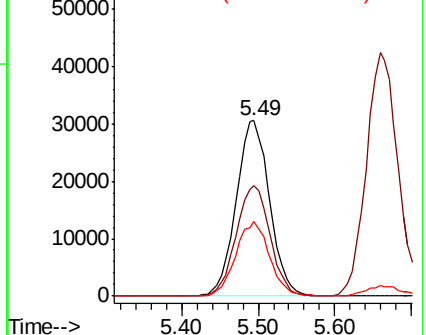
61 42.9 37.5 56.3

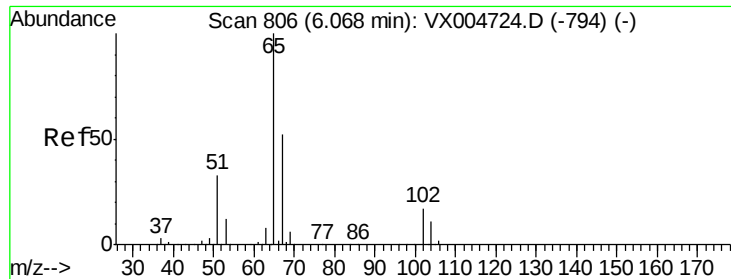


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.936 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

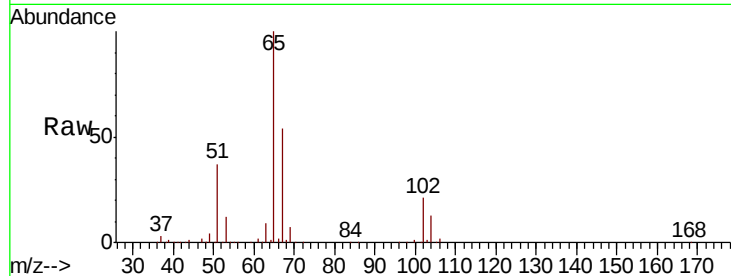
VX1004WBSD01

Tot Ion: 65 Resp: 176604

Ion Ratio Lower Upper

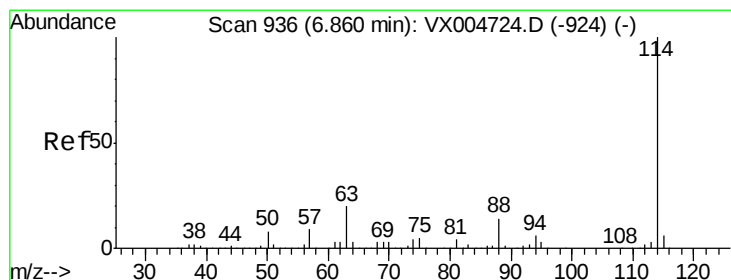
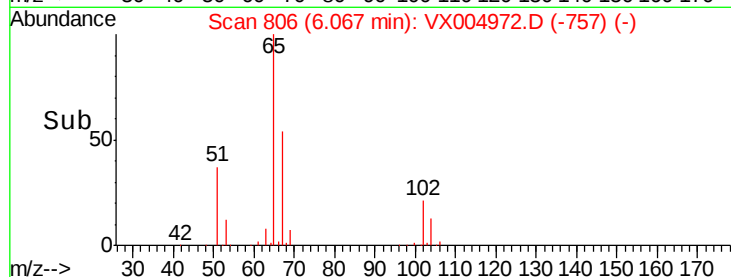
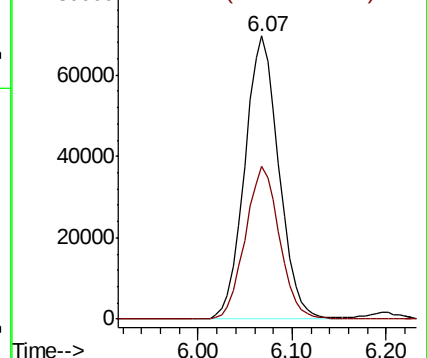
65 100

67 54.0 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

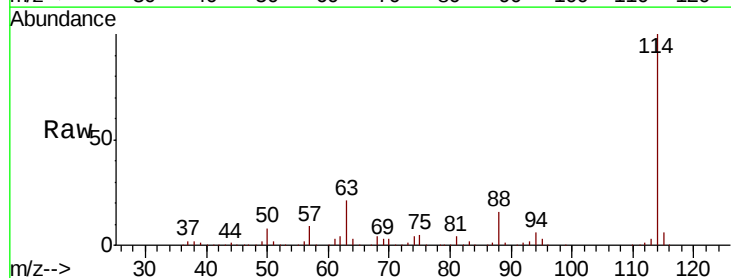
Tgt Ion: 114 Resp: 373780

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.8

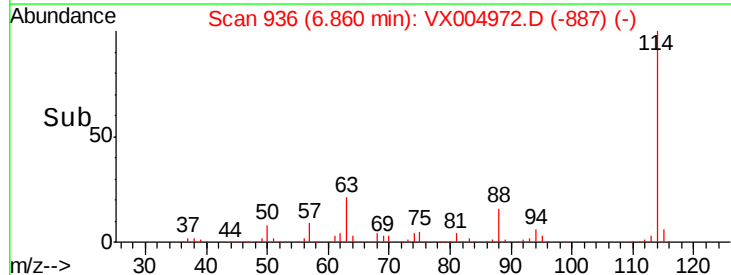
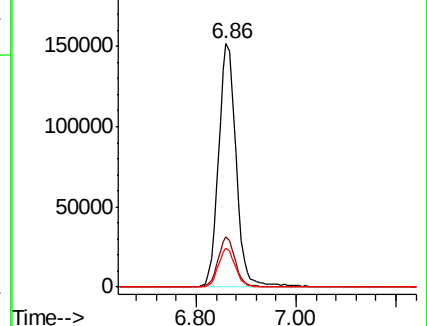
88 15.7 0.0 27.0

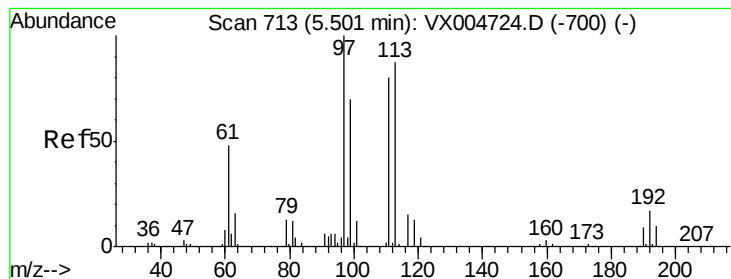


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.095 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD01

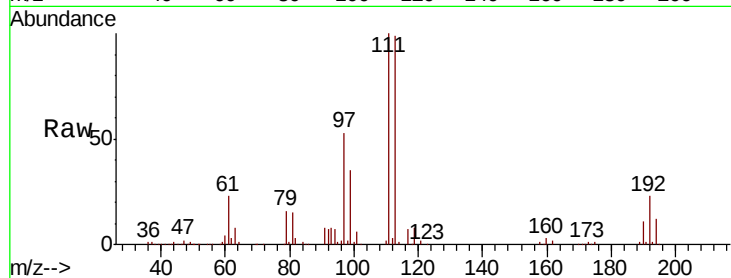
Tot Ion:113 Resp: 146022

Ion Ratio Lower Upper

113 100

111 102.4 77.0 115.4

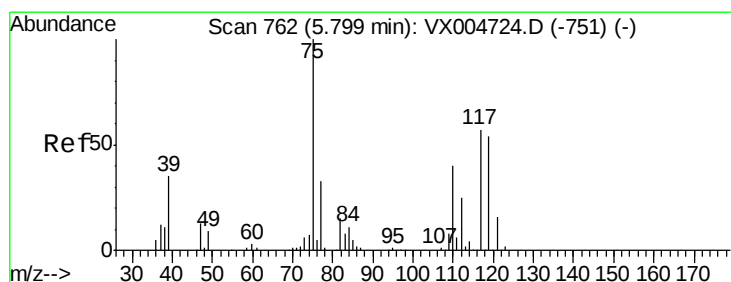
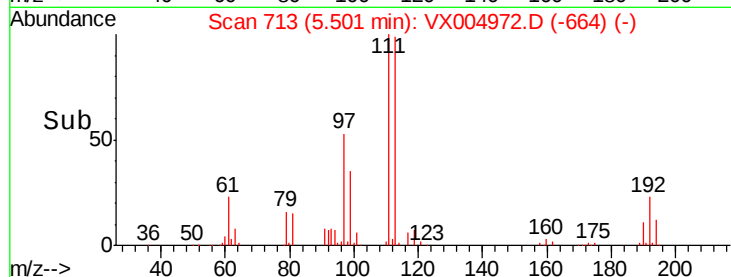
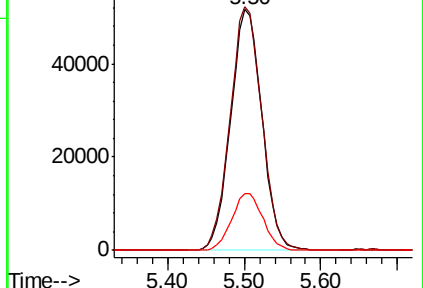
192 23.7 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.371 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

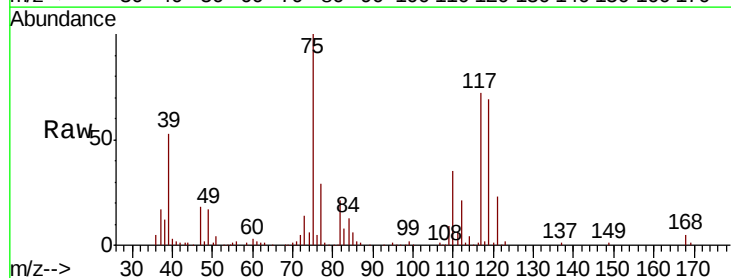
Tgt Ion: 75 Resp: 79400

Ion Ratio Lower Upper

75 100

110 36.5 20.0 59.9

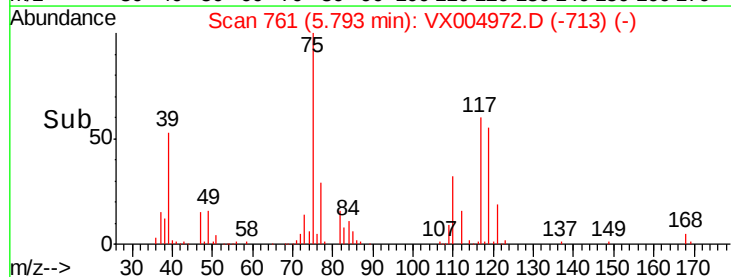
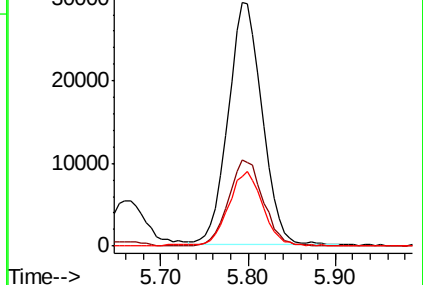
77 31.6 27.1 40.7

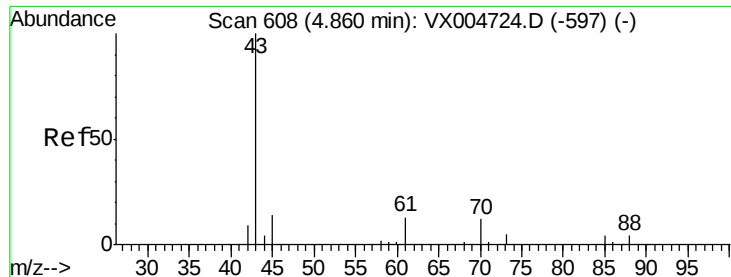


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 19.047 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD01

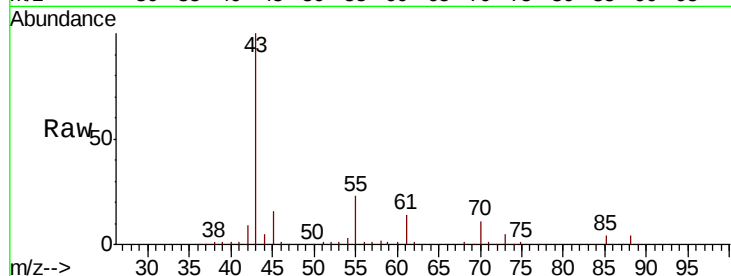
Tot Ion: 43 Resp: 109278

Ion Ratio Lower Upper

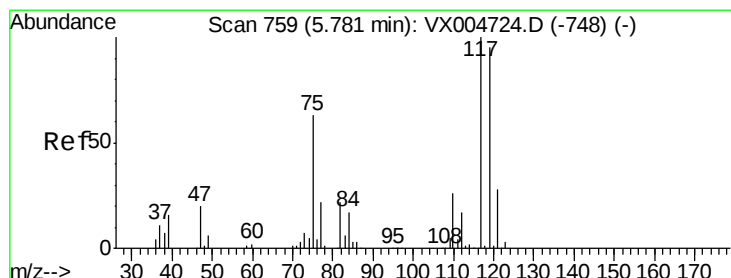
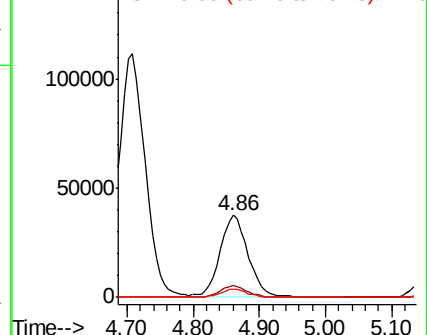
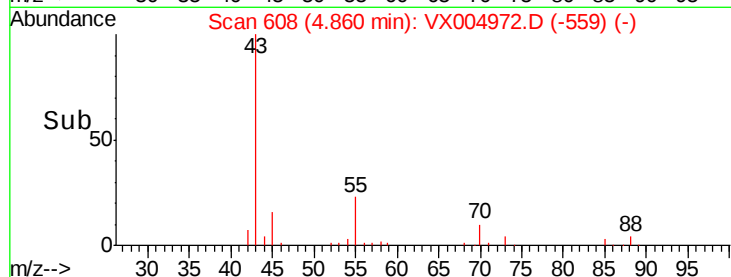
43 100

61 14.2 10.4 15.6

70 10.1 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 17.125 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

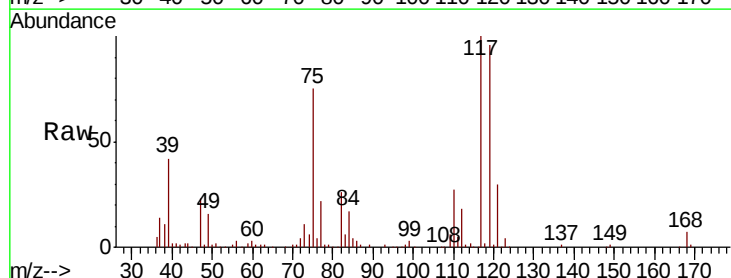
Tgt Ion: 117 Resp: 77805

Ion Ratio Lower Upper

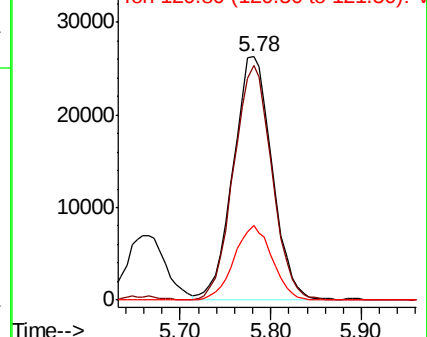
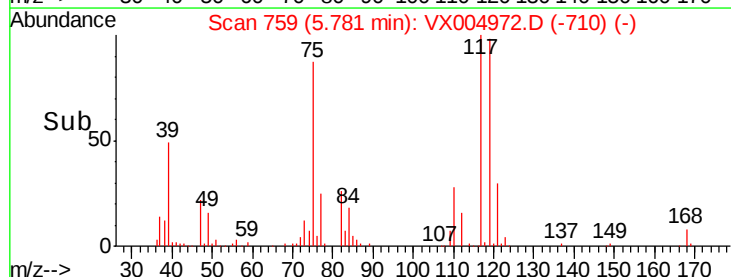
117 100

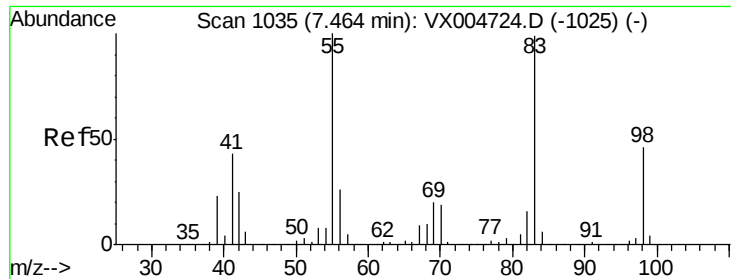
119 96.5 75.2 112.8

121 30.6 22.5 33.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

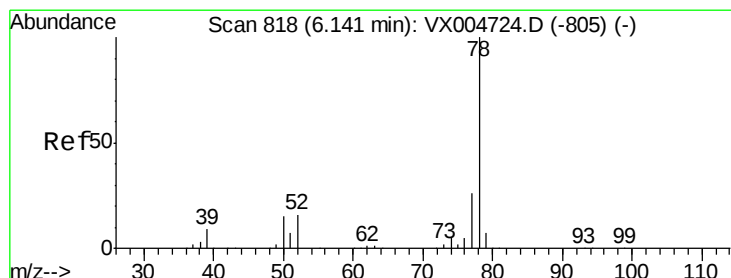
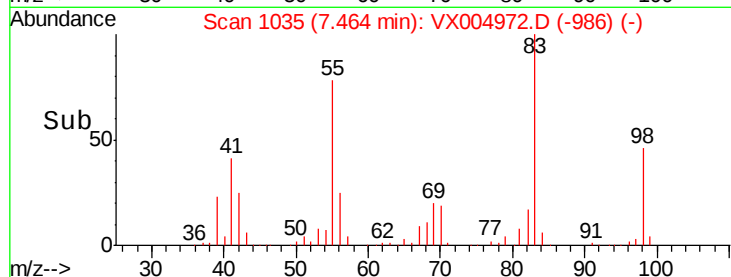
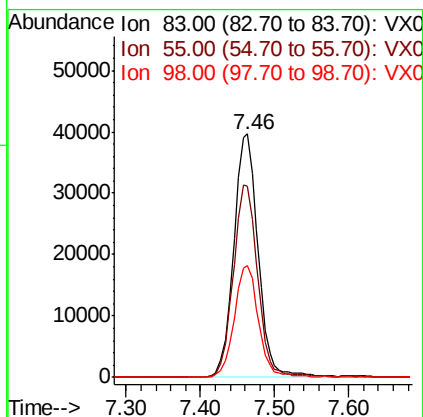
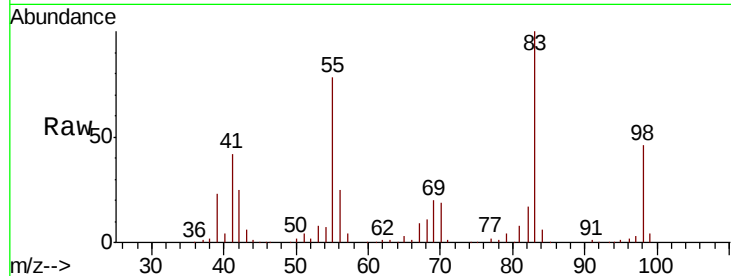




#39
Methvlcvclohexane
Concen: 20.656 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

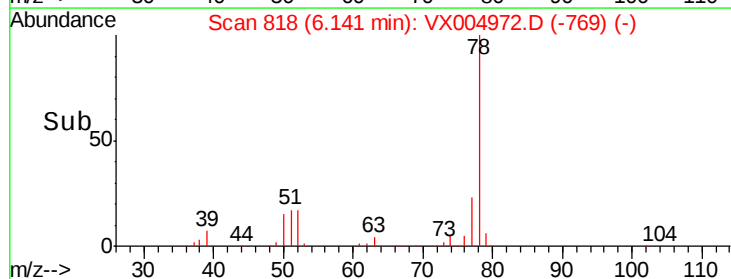
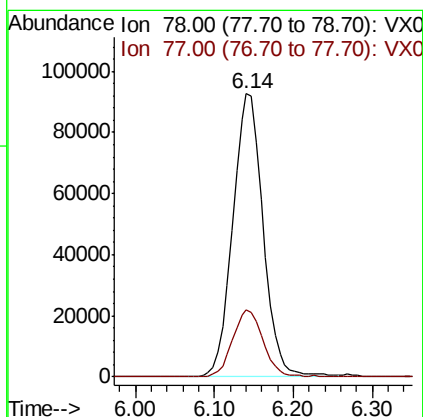
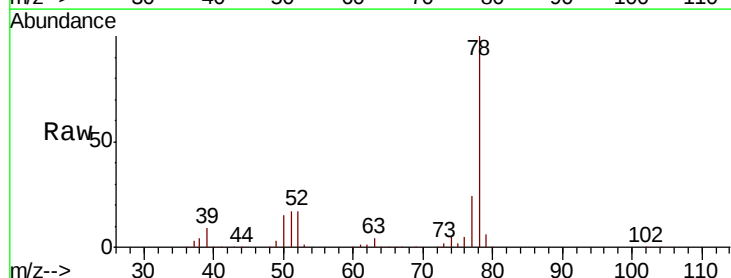
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD01

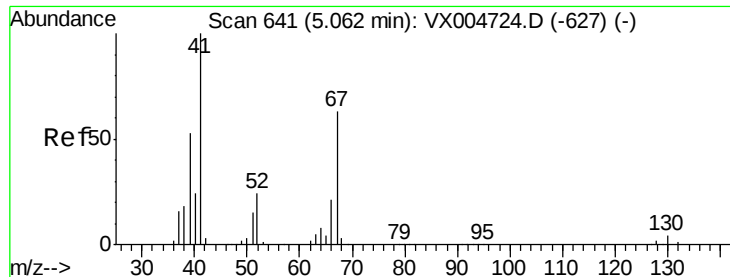
Tot Ion: 83 Resp: 91163
Ion Ratio Lower Upper
83 100
55 78.4 81.1 121.7#
98 45.8 37.3 55.9



#40
Benzene
Concen: 18.339 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Tgt Ion: 78 Resp: 248152
Ion Ratio Lower Upper
78 100
77 23.7 21.0 31.4

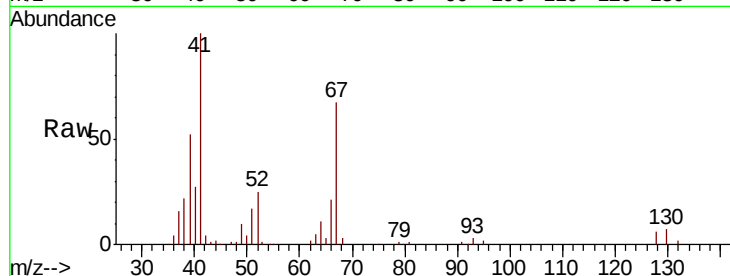




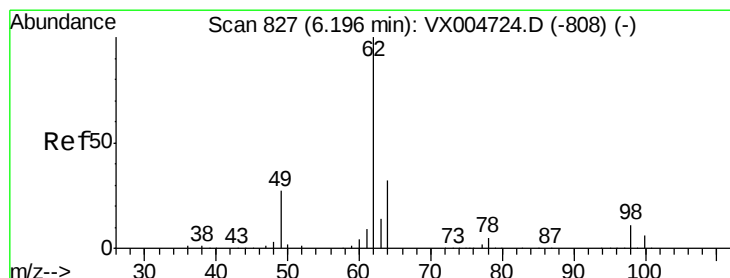
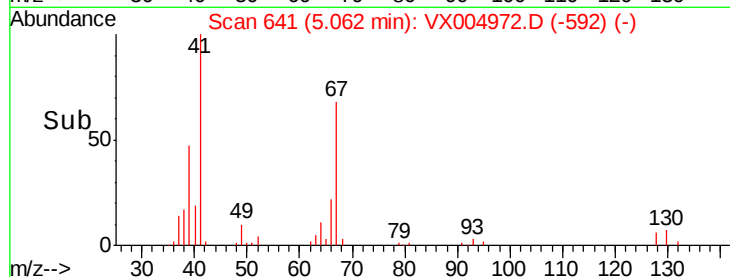
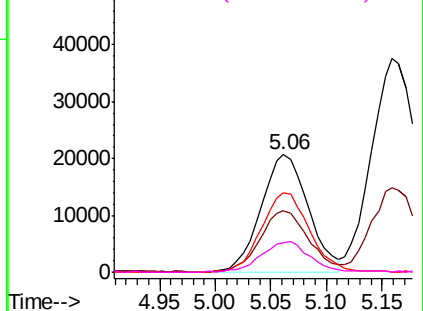
#41
Methacrylonitrile
Concen: 19.133 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD01

Tot Ion:	41	Resp:	60876
Ion	Ratio	Lower	Upper
41	100		
39	53.0	42.5	63.7
67	69.2	53.0	79.6
52	27.6	19.8	29.8

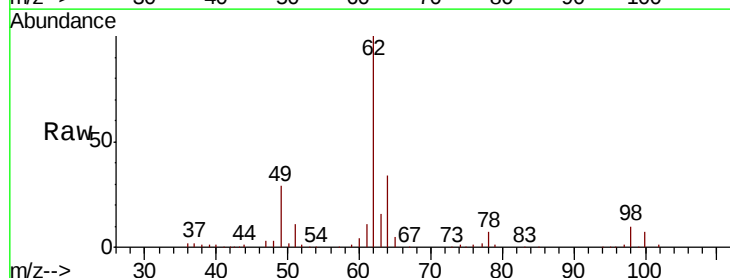


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

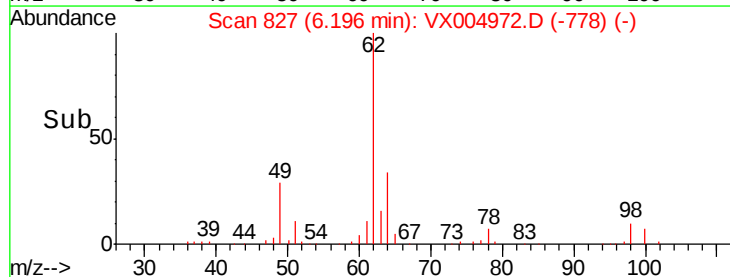
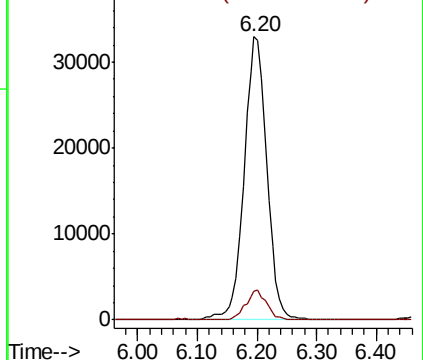


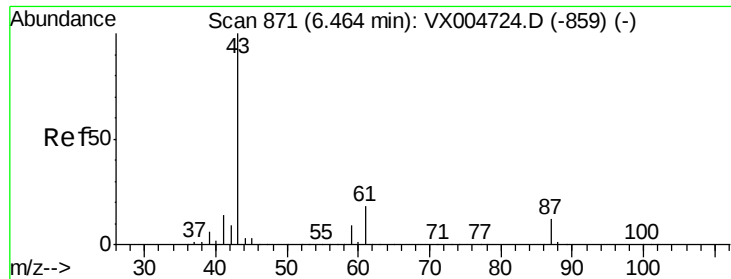
#42
1,2-Dichloroethane
Concen: 18.322 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Tgt Ion:	62	Resp:	87643
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.340 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD01

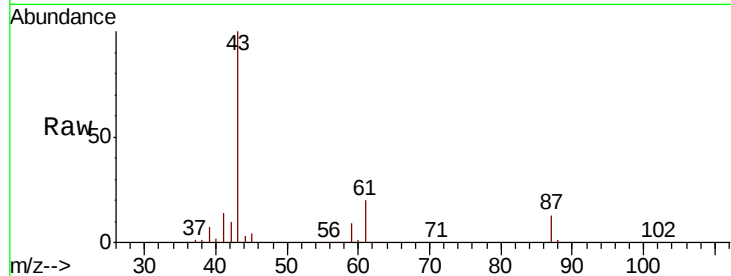
Tot Ion: 43 Resp: 160153

Ion Ratio Lower Upper

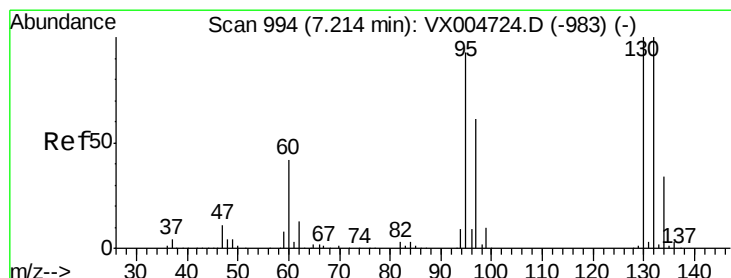
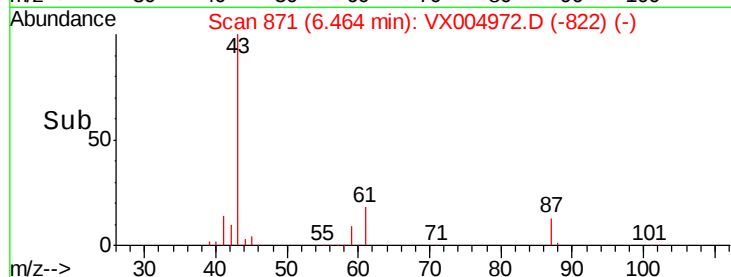
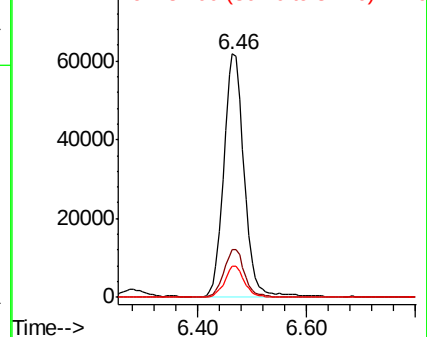
43 100

61 19.9 14.2 21.4

87 12.5 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 20.328 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004972.D

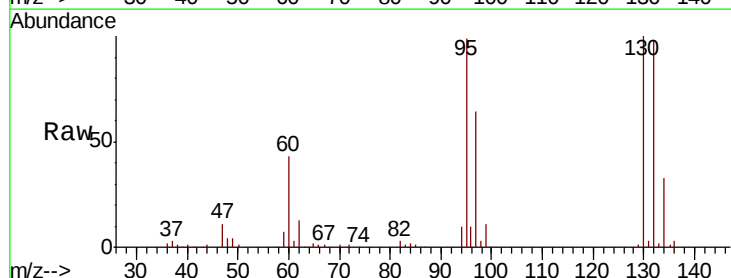
Acq: 03 Oct 2018 16:39

Tgt Ion:130 Resp: 67619

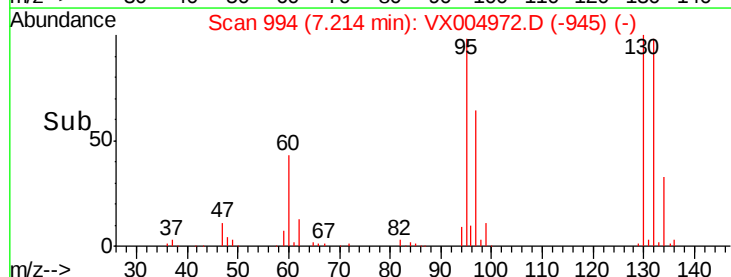
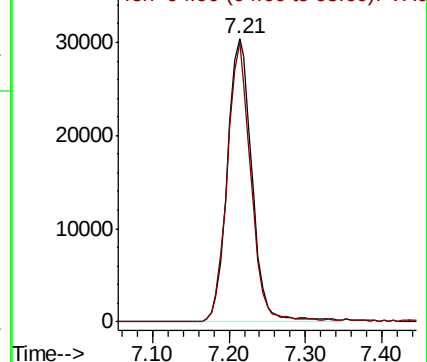
Ion Ratio Lower Upper

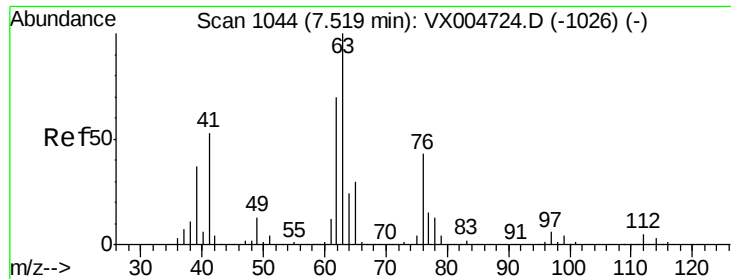
130 100

95 98.7 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

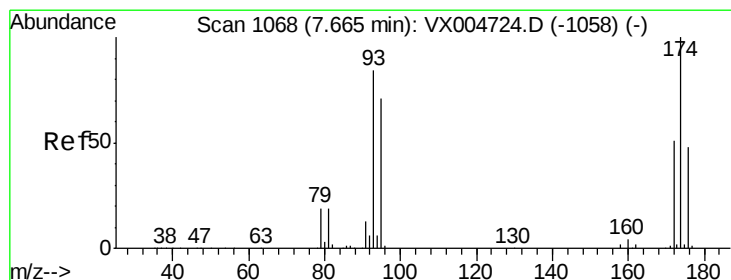
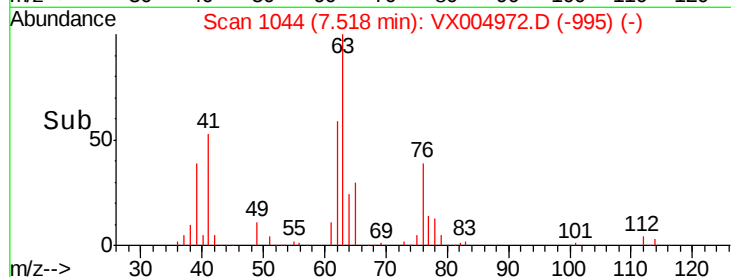
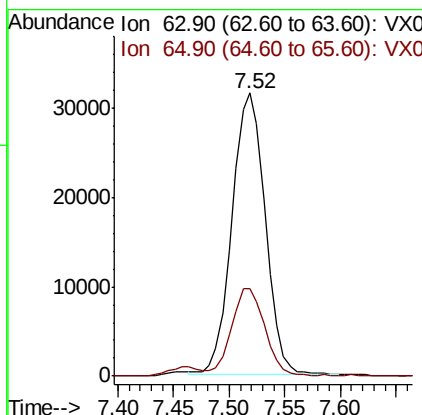
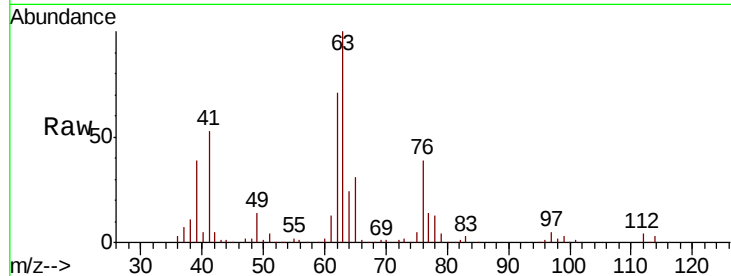




#45
 1,2-Dichloropropane
 Concen: 19.745 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

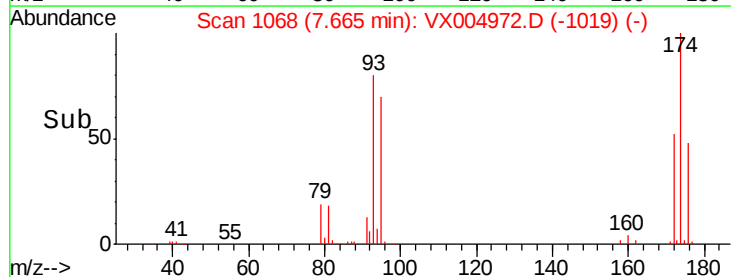
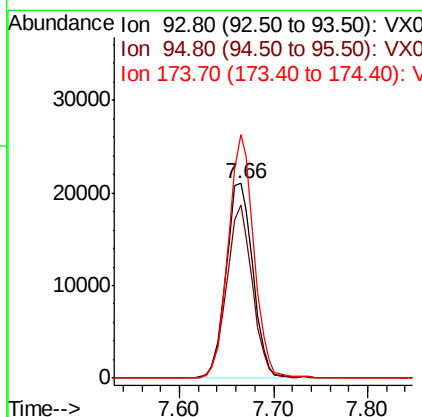
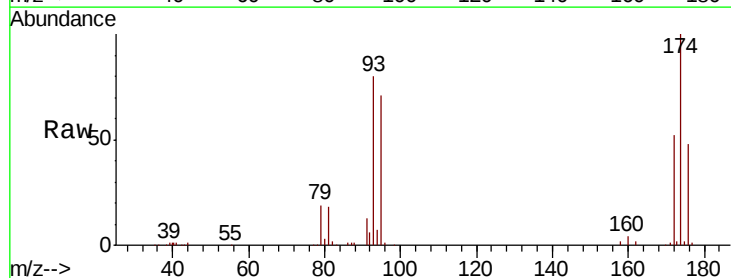
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD01

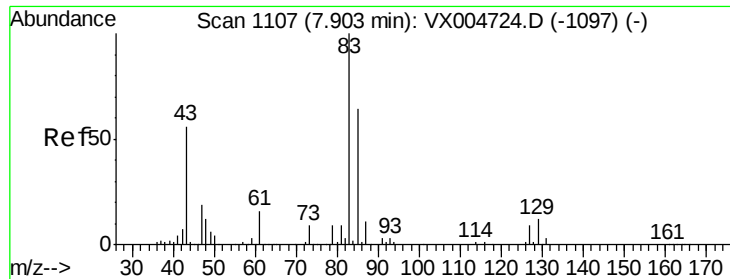
Tot Ion: 63 Resp: 65518
 Ion Ratio Lower Upper
 63 100
 65 30.8 23.9 35.9



#46
 Dibromomethane
 Concen: 19.935 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

Tgt Ion: 93 Resp: 41573
 Ion Ratio Lower Upper
 93 100
 95 84.7 66.7 100.1
 174 118.8 92.7 139.1





#47

Bromodichloromethane

Concen: 20.234 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD01

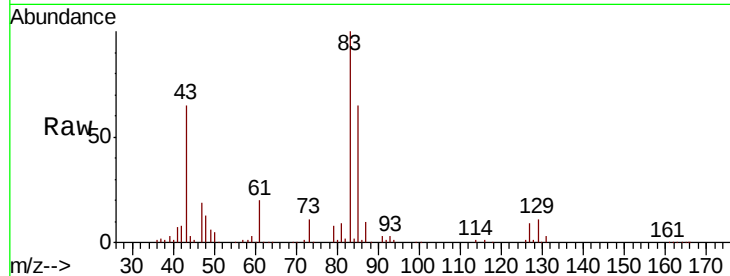
Tot Ion: 83 Resp: 79004

Ion Ratio Lower Upper

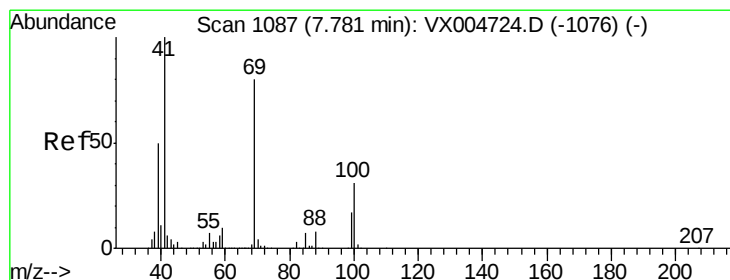
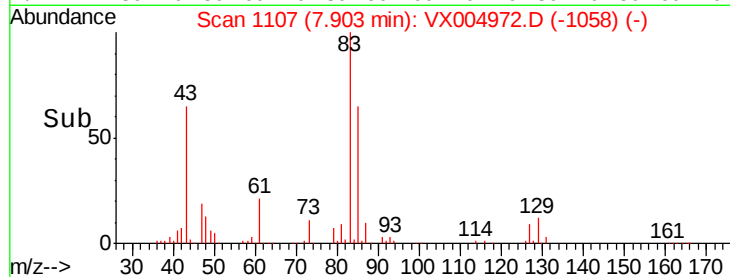
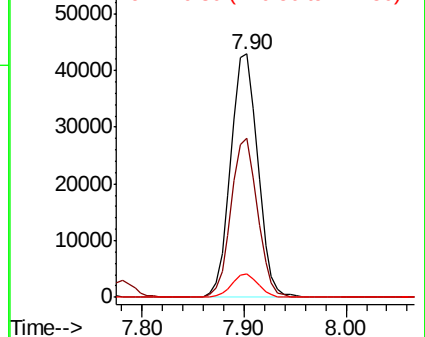
83 100

85 65.1 51.2 76.8

127 9.4 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 21.563 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

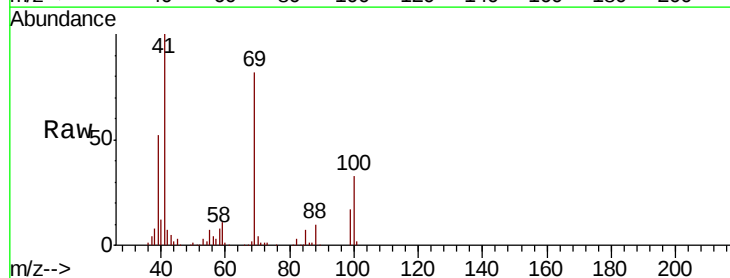
Tgt Ion: 41 Resp: 81043

Ion Ratio Lower Upper

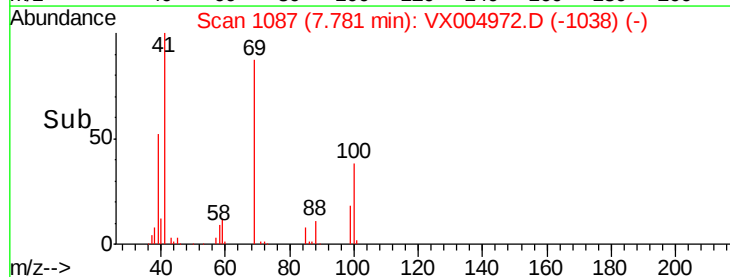
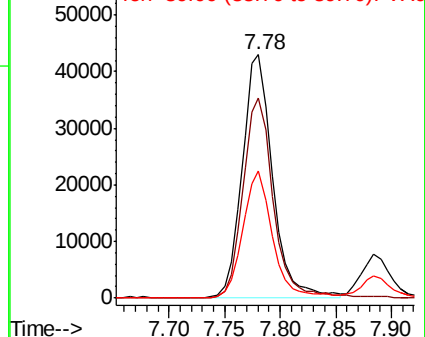
41 100

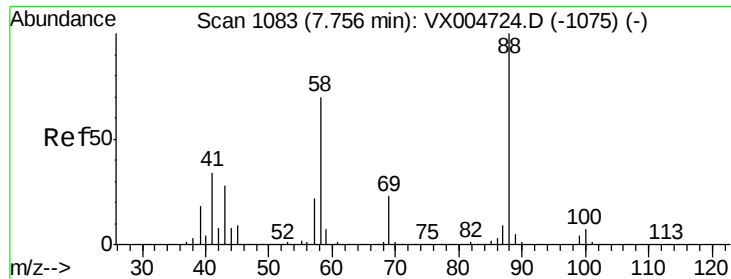
69 83.4 63.8 95.6

39 51.7 40.7 61.1



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

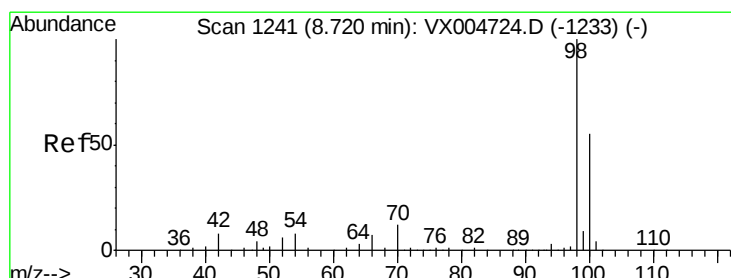
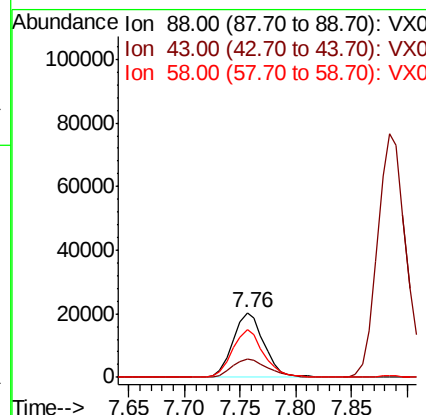
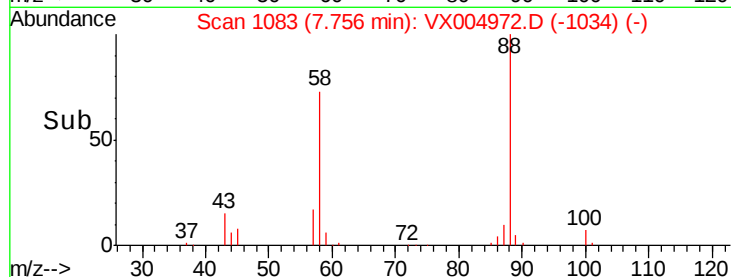
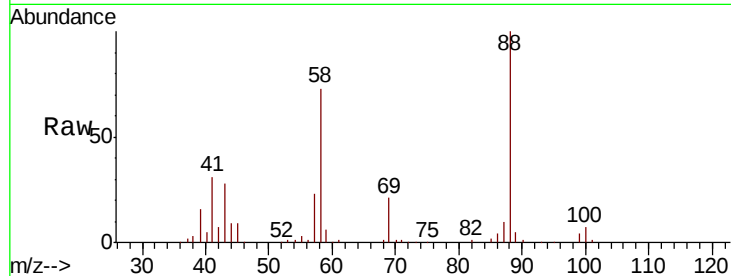




#49
1,4-Dioxane
Concen: 421.458 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

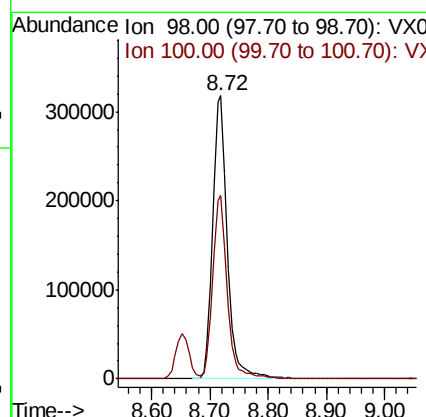
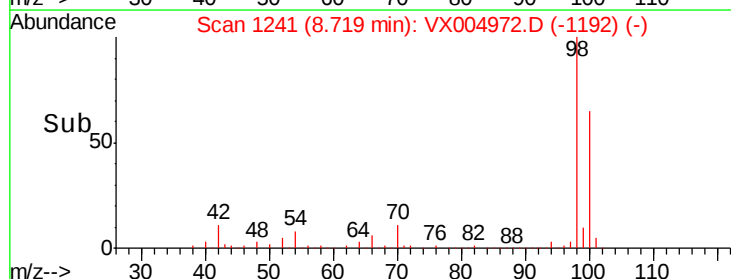
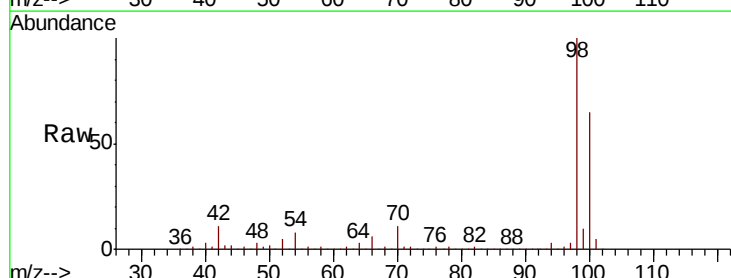
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD01

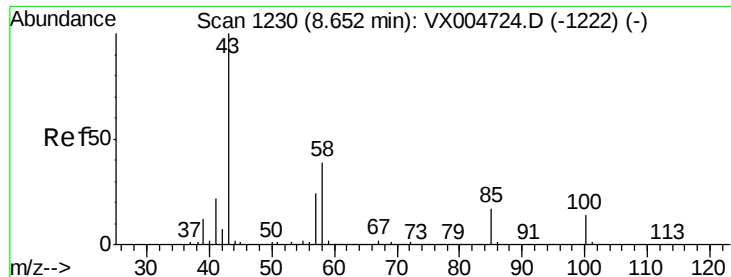
Tot Ion: 88 Resp: 39354
Ion Ratio Lower Upper
88 100
43 31.8 25.1 37.7
58 73.7 56.2 84.2



#50
Toluene-d8
Concen: 52.952 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Tgt Ion: 98 Resp: 557658
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9

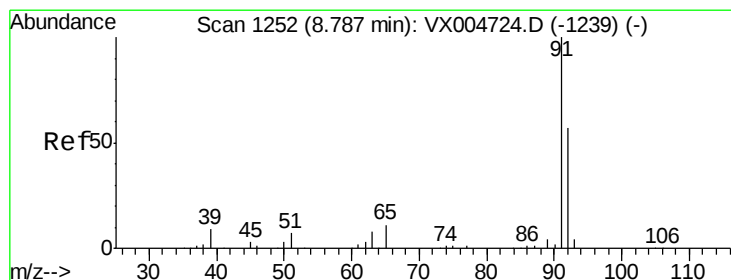
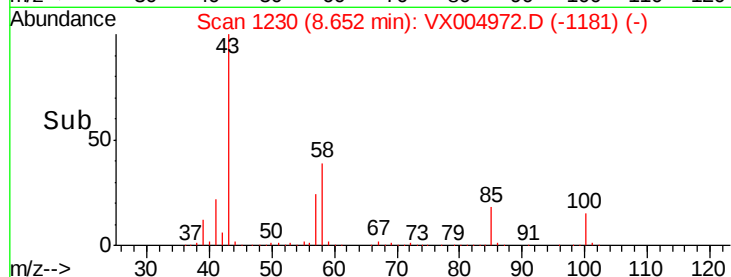
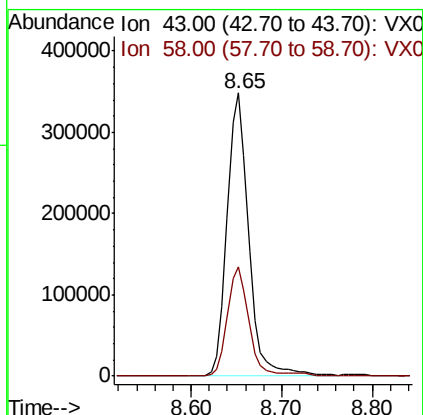
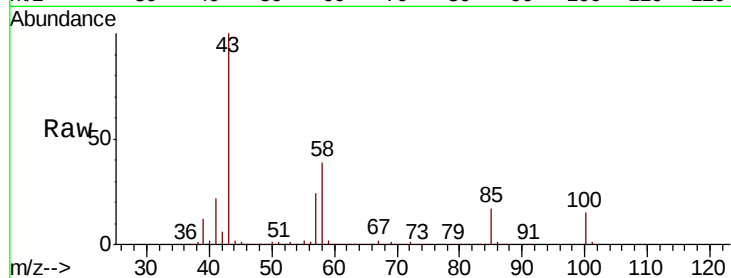




#51
4-Methyl-2-Pentanone
Concen: 110.596 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

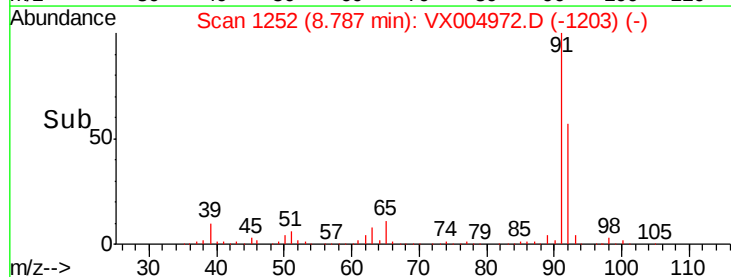
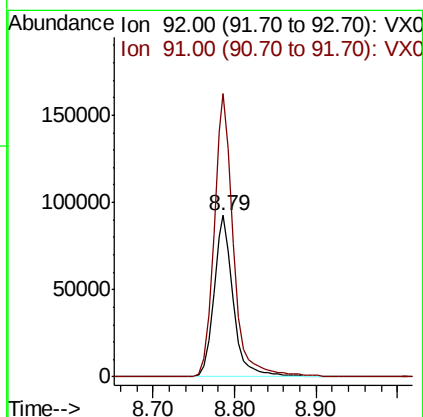
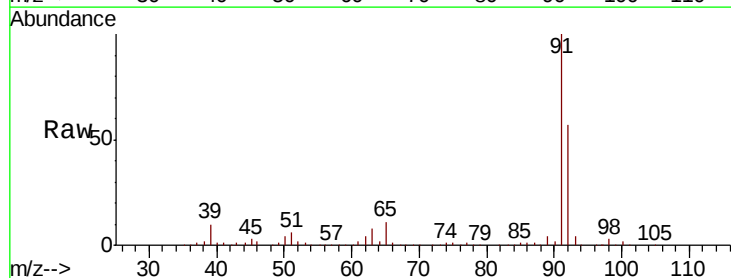
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD01

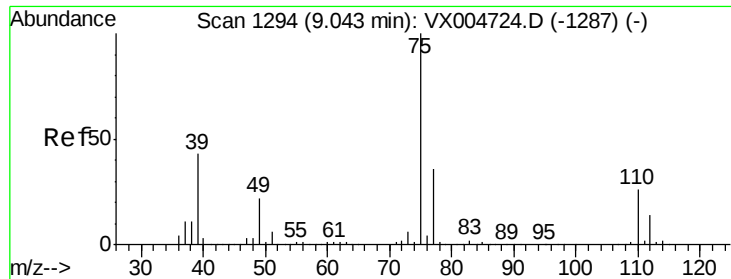
Tot Ion: 43 Resp: 576642
Ion Ratio Lower Upper
43 100
58 37.8 30.5 45.7



#52
Toluene
Concen: 20.832 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Tgt Ion: 92 Resp: 154887
Ion Ratio Lower Upper
92 100
91 175.3 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 19.847 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

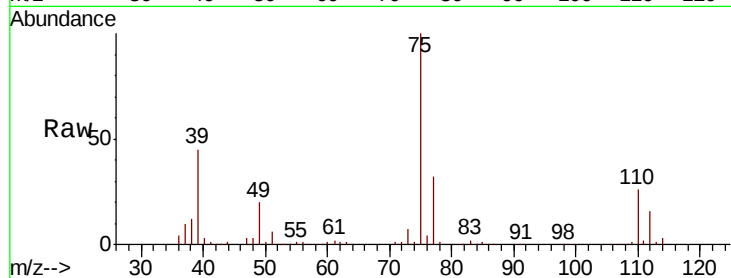
VX1004WBSD01

Tot Ion: 75 Resp: 87568

Ion Ratio Lower Upper

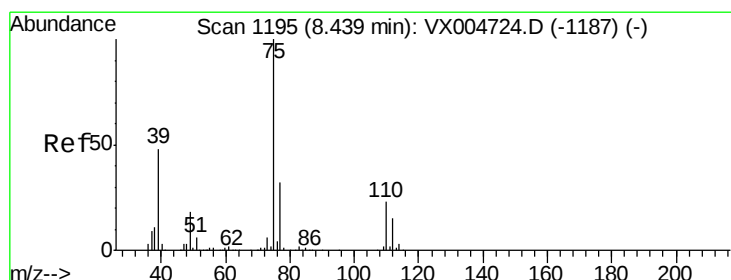
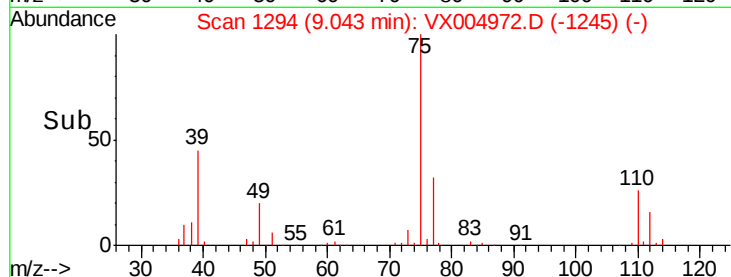
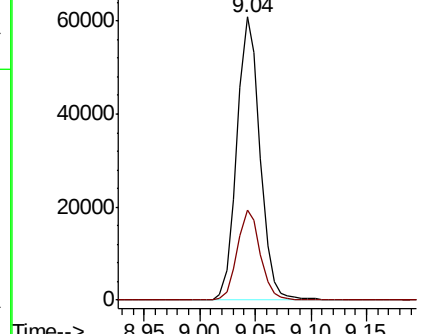
75 100

77 31.7 28.9 43.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 21.113 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

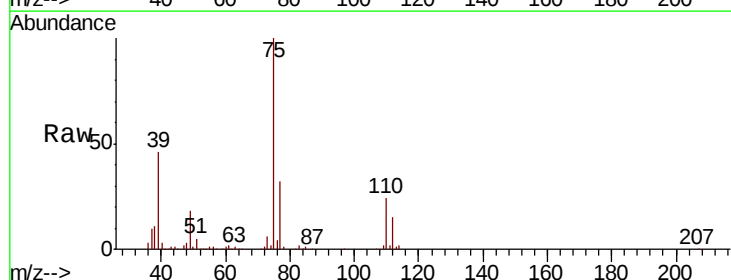
Tgt Ion: 75 Resp: 97572

Ion Ratio Lower Upper

75 100

77 32.1 25.7 38.5

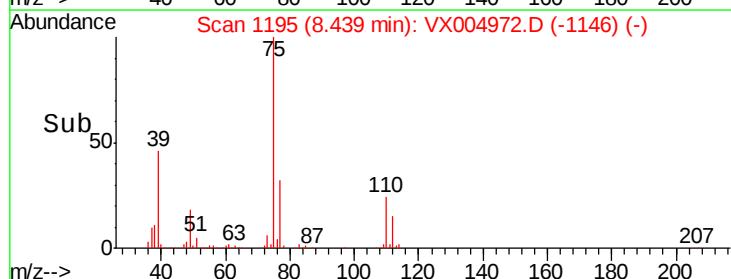
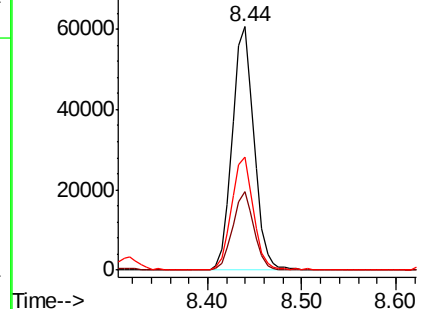
39 46.2 38.3 57.5

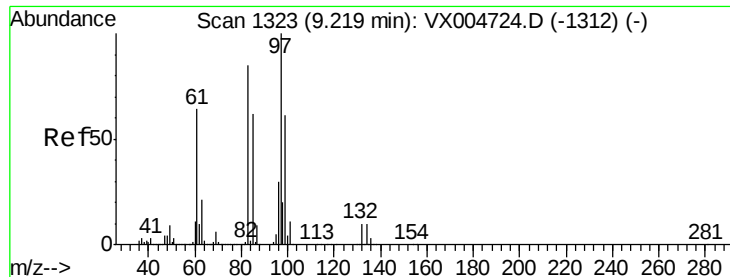


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 20.194 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD01

Tot Ion: 97 Resp: 65768

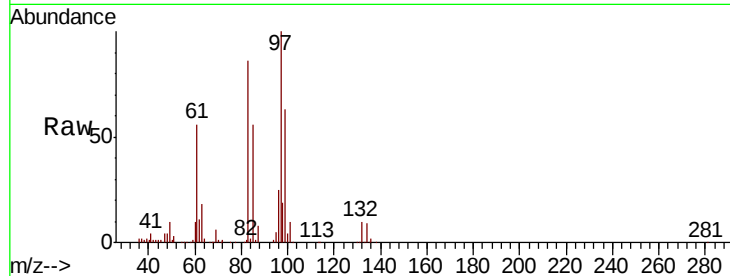
Ion Ratio Lower Upper

97 100

83 85.7 68.2 102.2

85 55.7 49.9 74.9

99 62.6 48.9 73.3

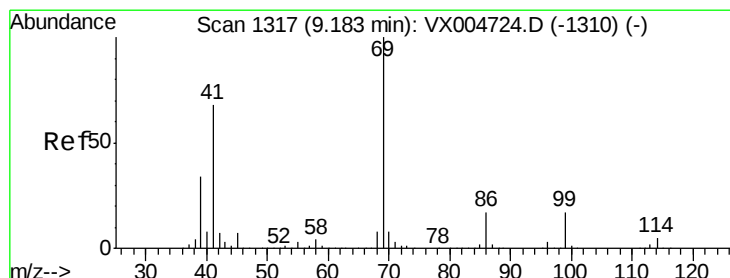
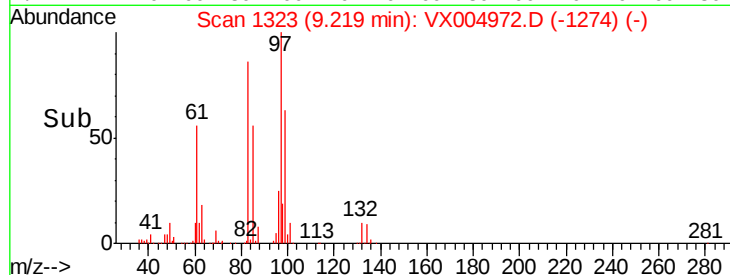
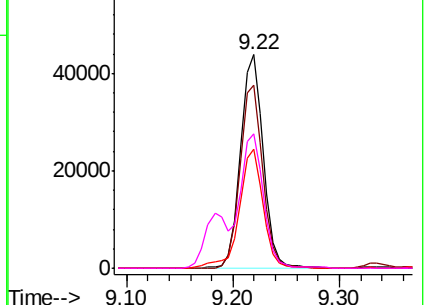


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 20.822 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

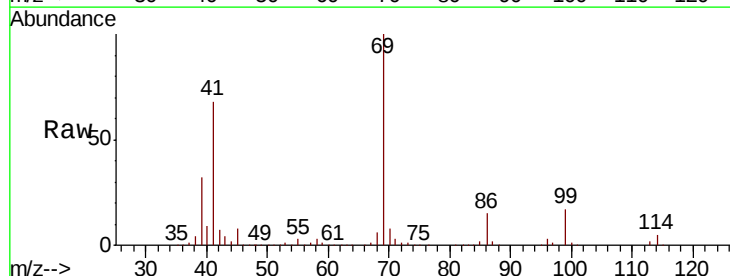
Tgt Ion: 69 Resp: 100682

Ion Ratio Lower Upper

69 100

41 67.6 56.9 85.3

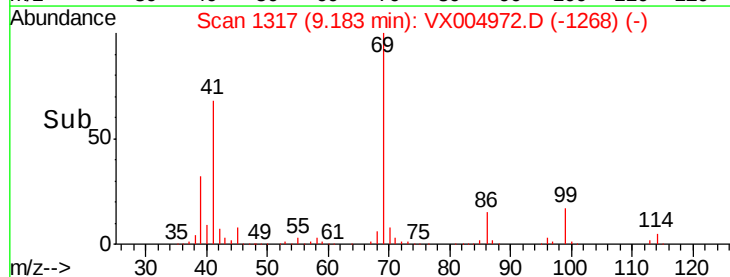
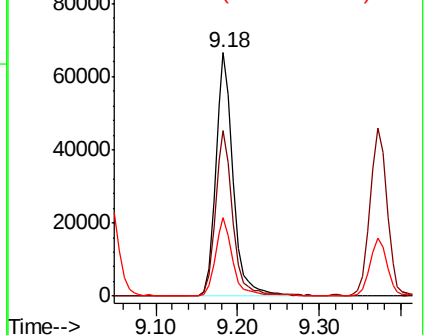
39 31.7 28.4 42.6

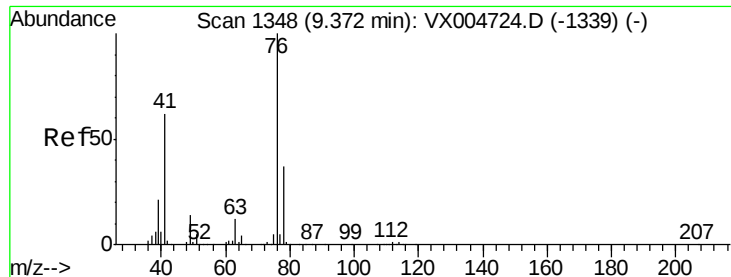


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 20.234 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

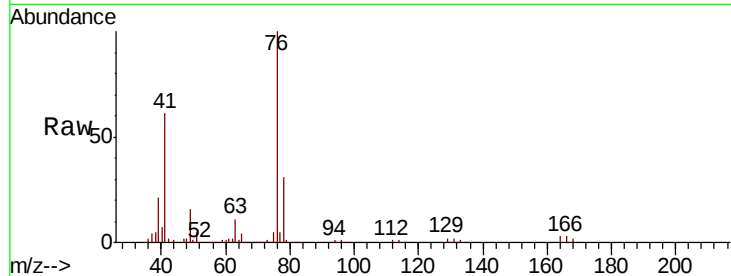
VX1004WBSD01

Tot Ion: 76 Resp: 109676

Ion Ratio Lower Upper

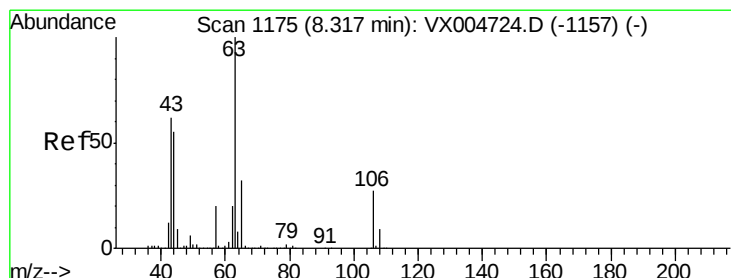
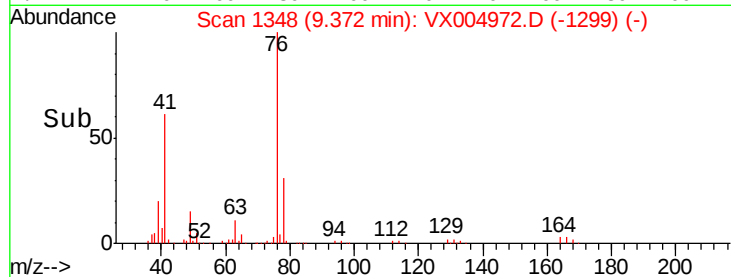
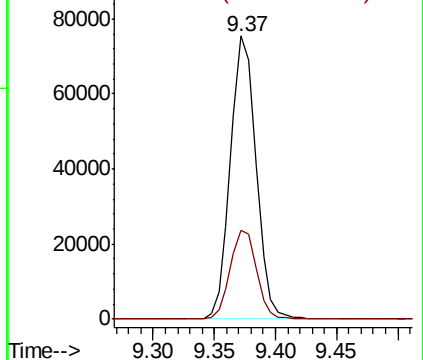
76 100

78 32.1 26.6 40.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 108.197 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX004972.D

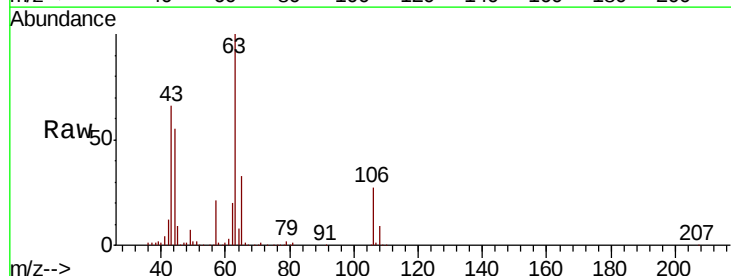
Acq: 03 Oct 2018 16:39

Tgt Ion: 63 Resp: 279588

Ion Ratio Lower Upper

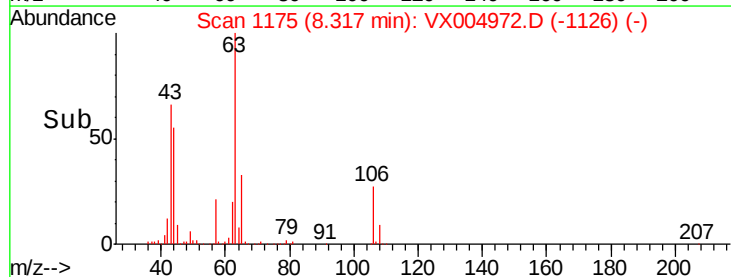
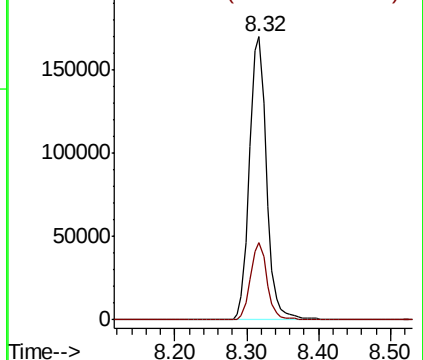
63 100

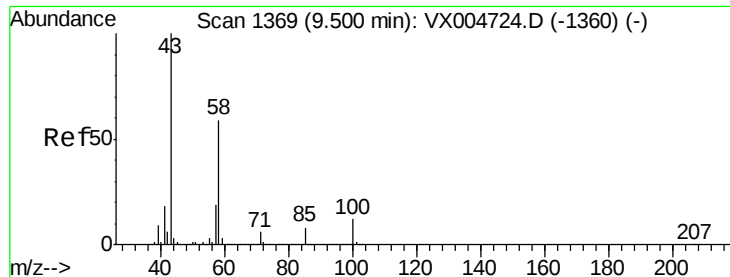
106 26.7 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

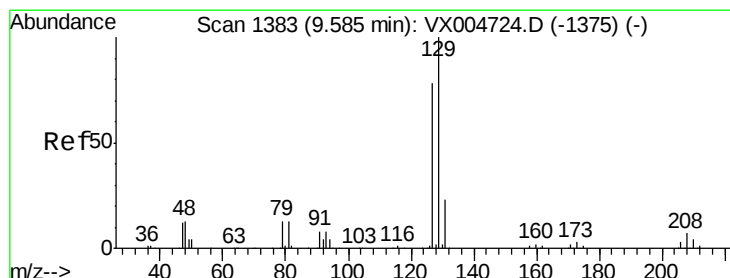
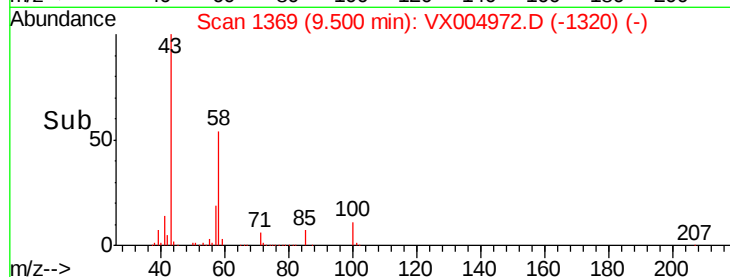
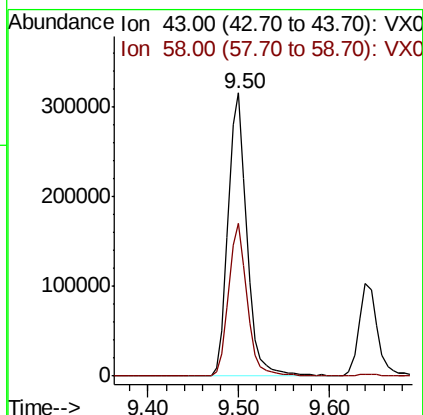
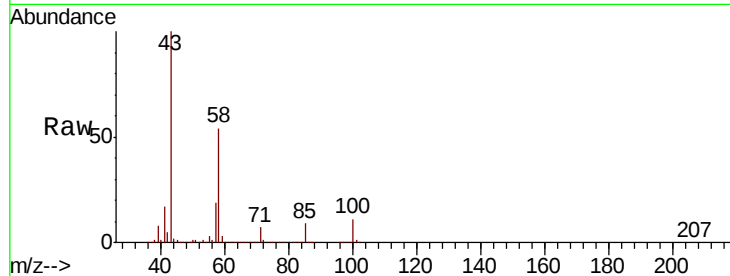




#59
2-Hexanone
Concen: 104.805 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

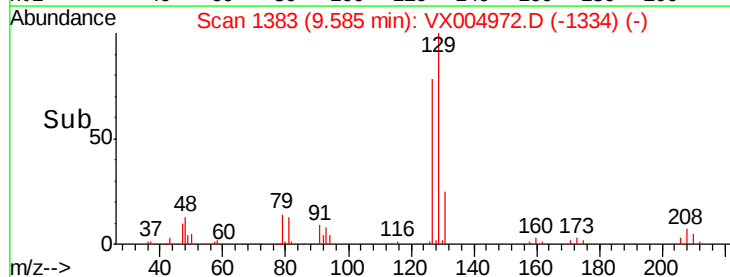
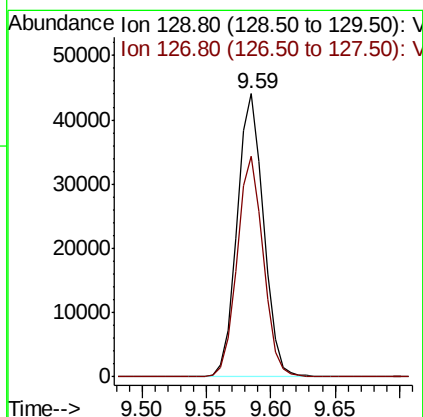
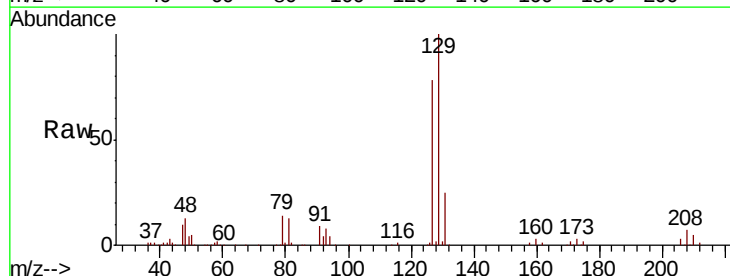
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD01

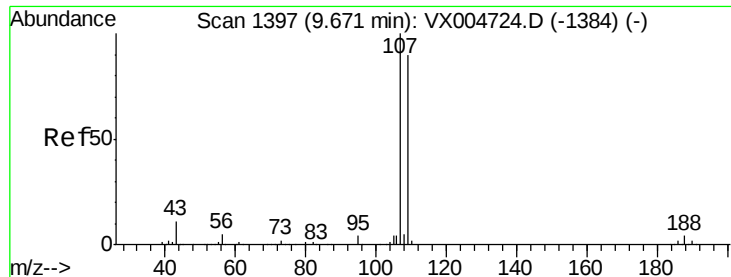
Tot Ion: 43 Resp: 455365
Ion Ratio Lower Upper
43 100
58 53.5 28.4 85.3



#60
Dibromochloromethane
Concen: 19.268 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Tgt Ion: 129 Resp: 62759
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 19.016 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

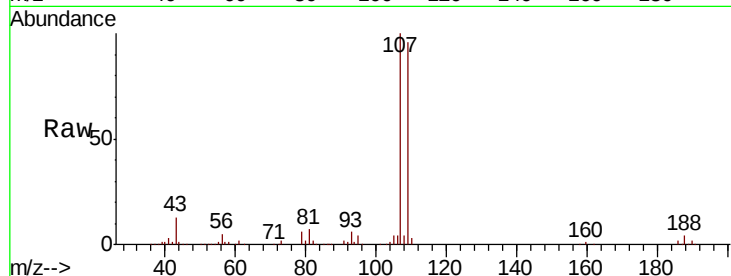
VX1004WBSD01

Tot Ion:107 Resp: 66326

Ion Ratio Lower Upper

107 100

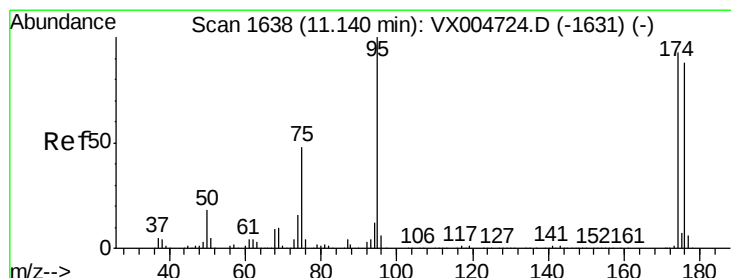
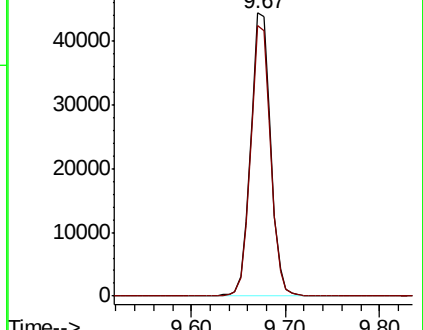
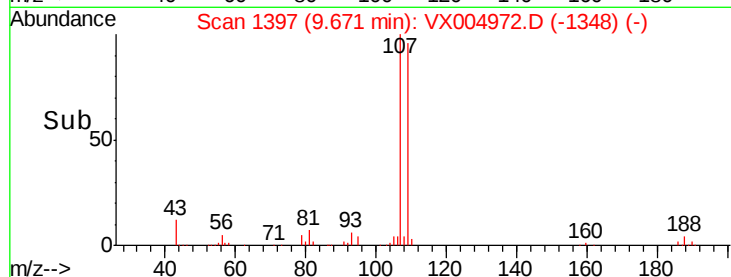
109 95.7 72.1 108.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67



#62

4-Bromofluorobenzene

Concen: 54.063 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

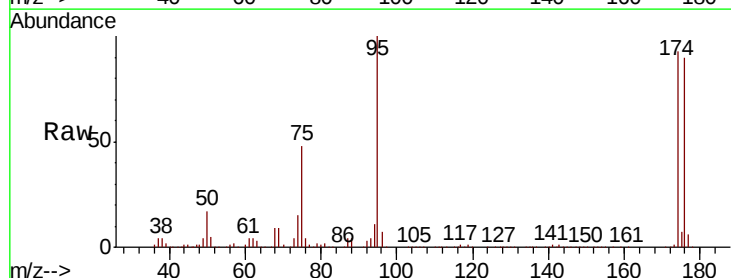
Tgt Ion: 95 Resp: 205115

Ion Ratio Lower Upper

95 100

174 90.8 0.0 185.0

176 87.8 0.0 180.2

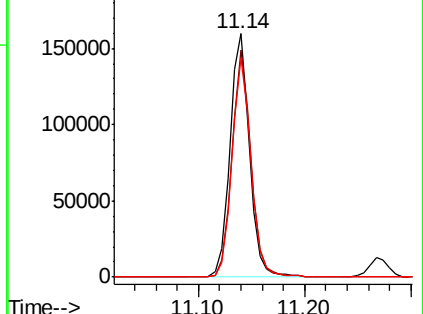
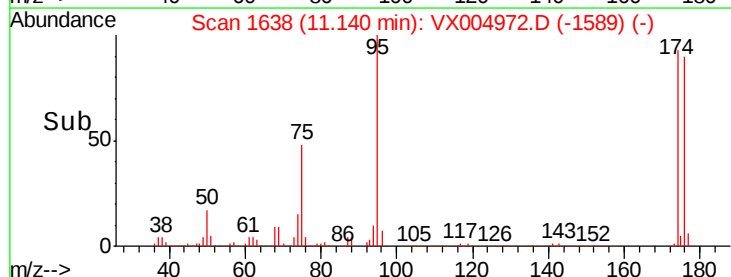


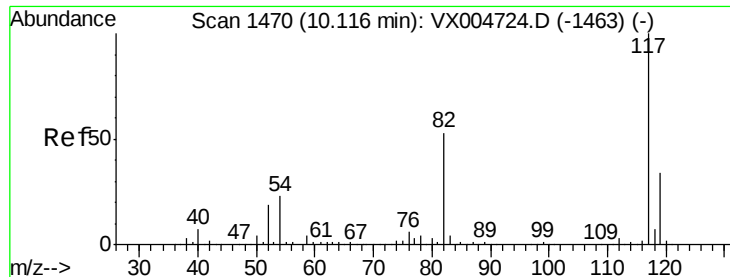
Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

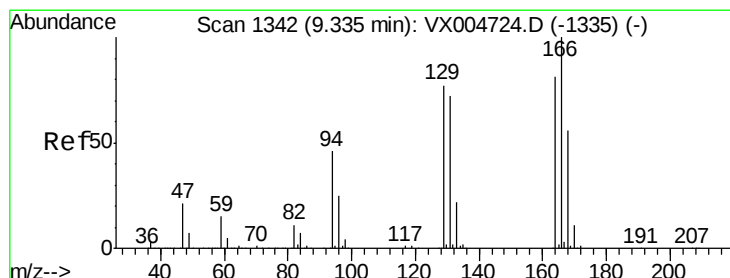
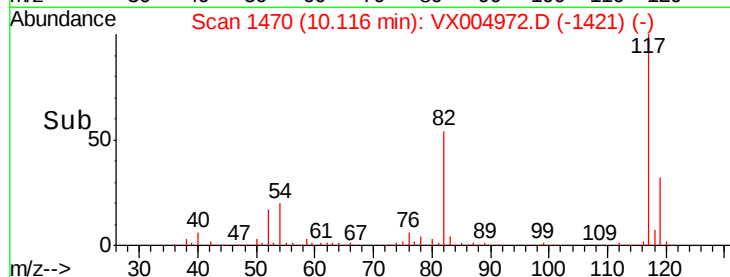
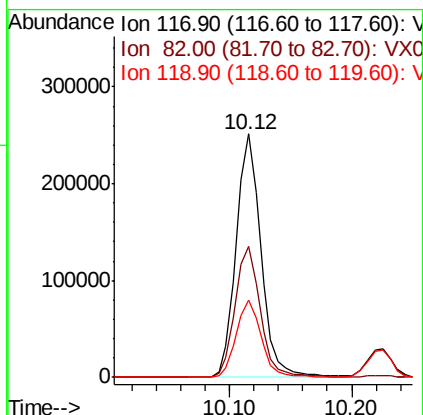
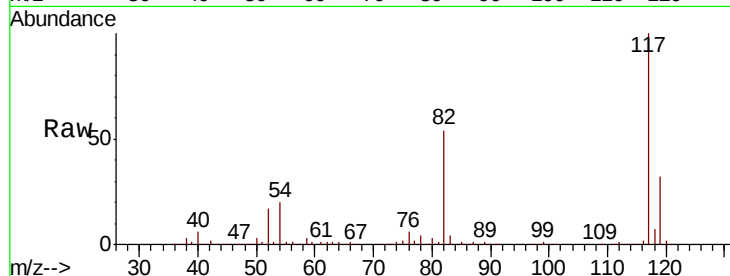




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

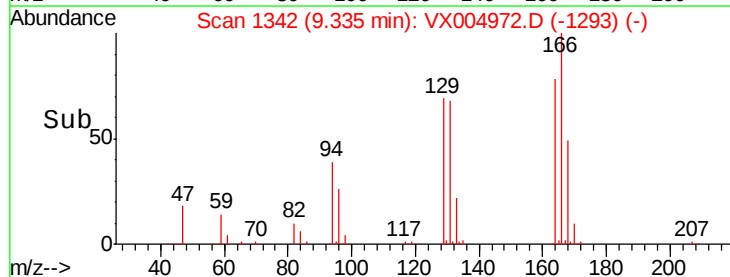
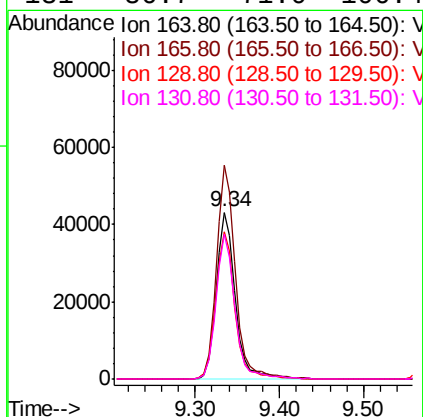
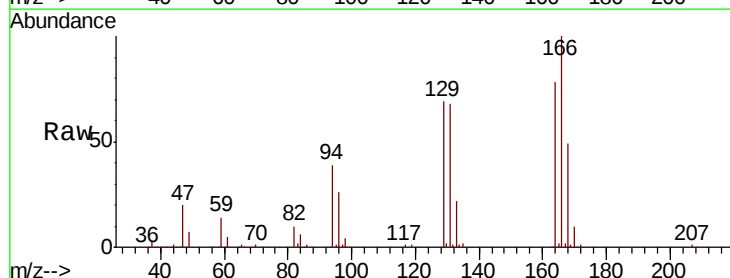
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD01

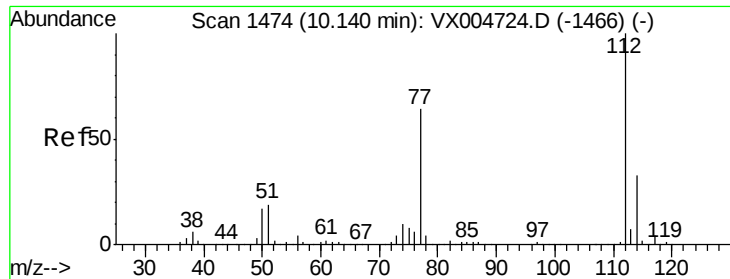
Tot Ion:117 Resp: 353417
Ion Ratio Lower Upper
117 100
82 54.0 42.2 63.4
119 31.8 27.4 41.0



#64
Tetrachloroethene
Concen: 19.443 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Tgt Ion:164 Resp: 67632
Ion Ratio Lower Upper
164 100
166 128.3 98.4 147.6
129 88.7 76.1 114.1
131 86.7 71.0 106.4

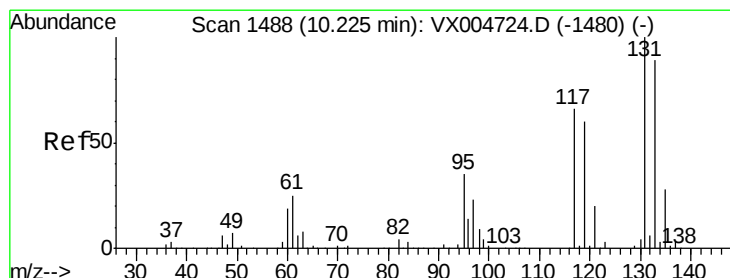
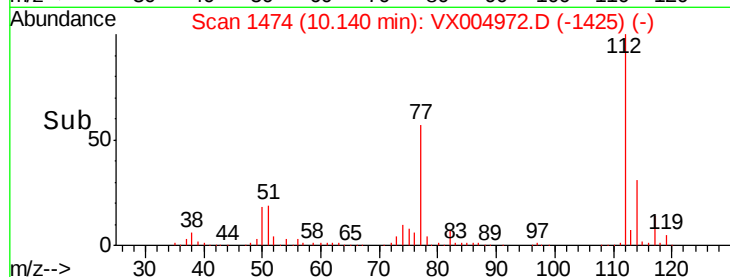
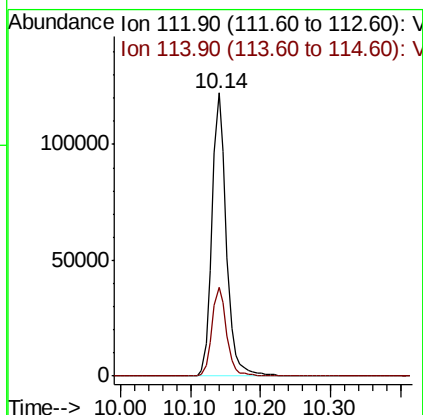
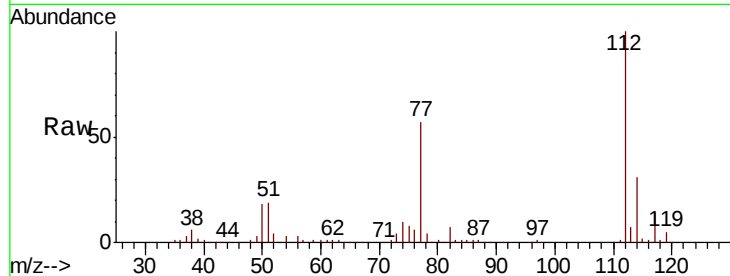




#65
Chlorobenzene
Concen: 19.297 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

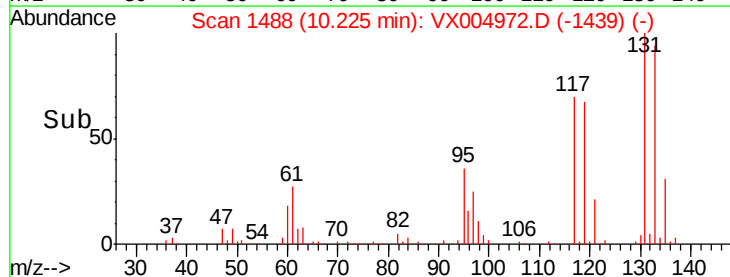
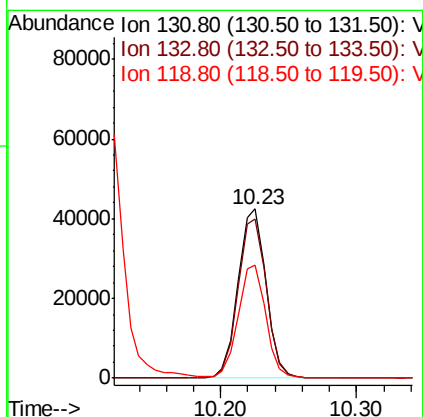
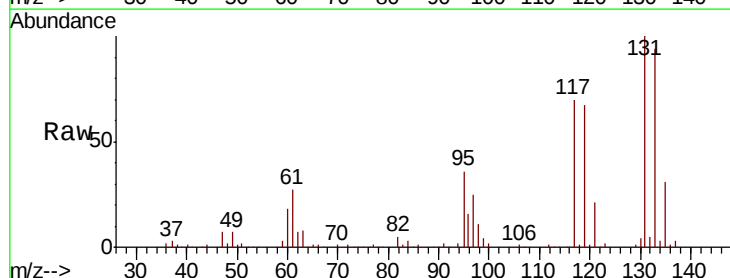
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD01

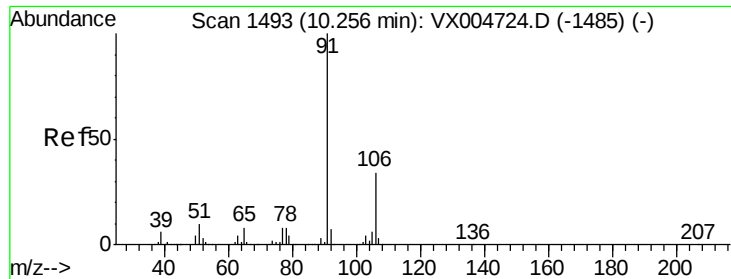
Tot Ion:112 Resp: 174883
Ion Ratio Lower Upper
112 100
114 31.3 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.051 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Tgt Ion:131 Resp: 60696
Ion Ratio Lower Upper
131 100
133 95.9 48.4 145.0
119 66.6 32.3 96.8

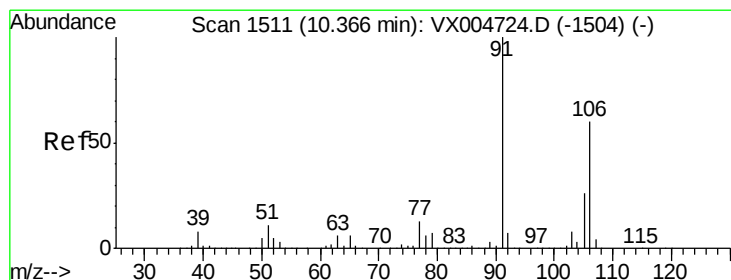
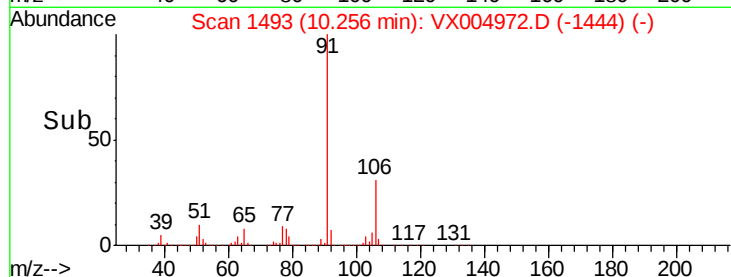
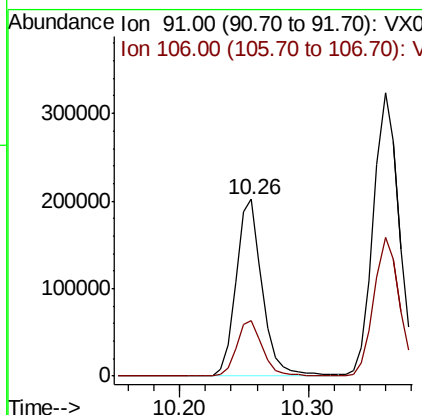
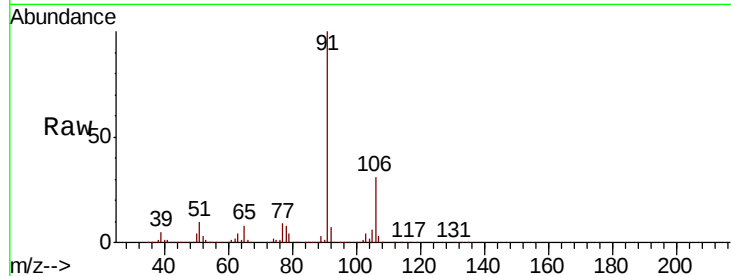




#67
Ethyl Benzene
Concen: 19.768 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

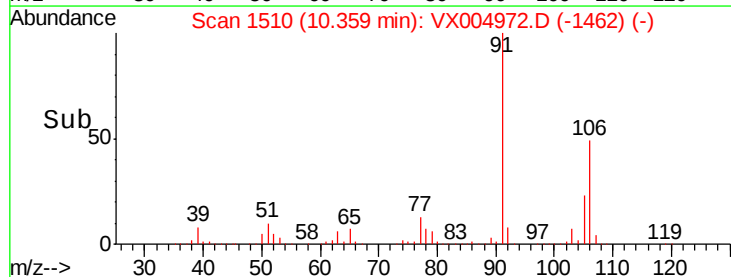
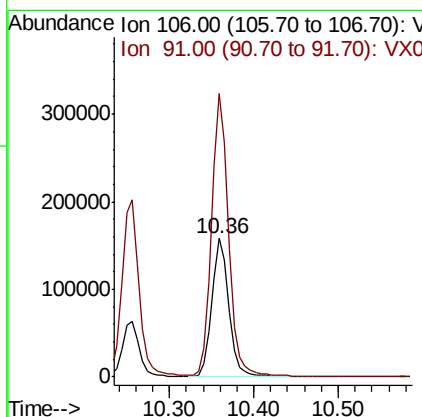
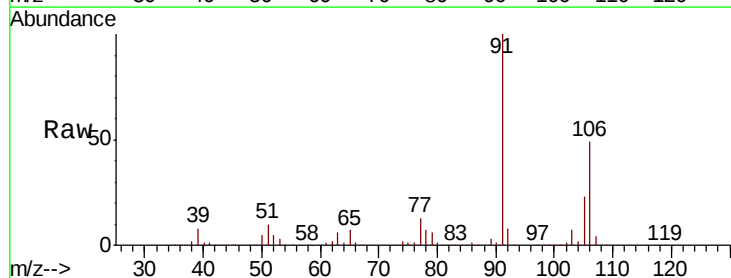
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD01

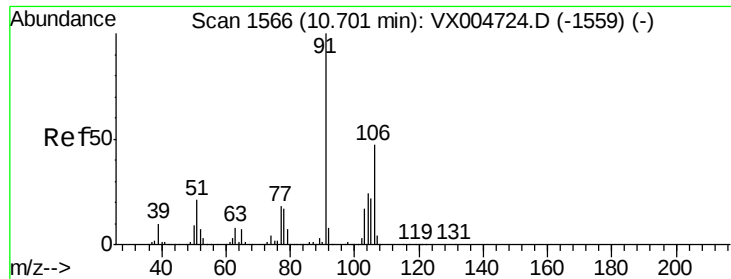
Tot Ion: 91 Resp: 284424
Ion Ratio Lower Upper
91 100
106 31.2 26.9 40.3



#68
m/p-Xylenes
Concen: 39.806 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Tgt Ion: 106 Resp: 223808
Ion Ratio Lower Upper
106 100
91 204.2 157.5 236.3

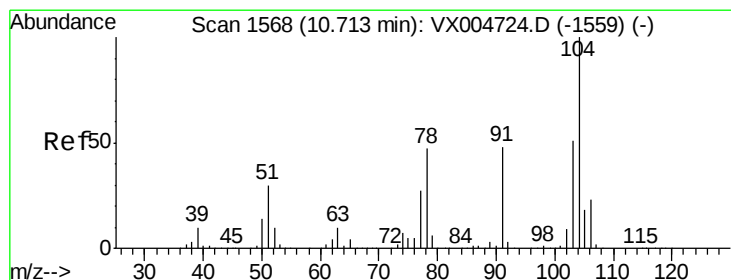
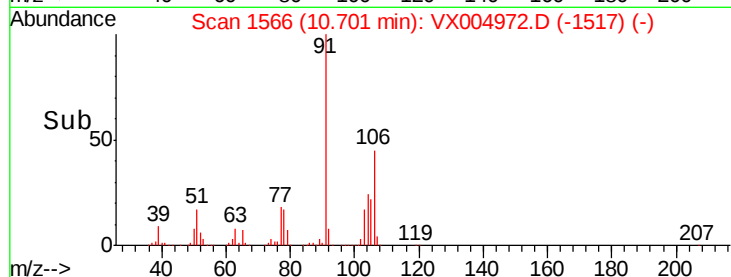
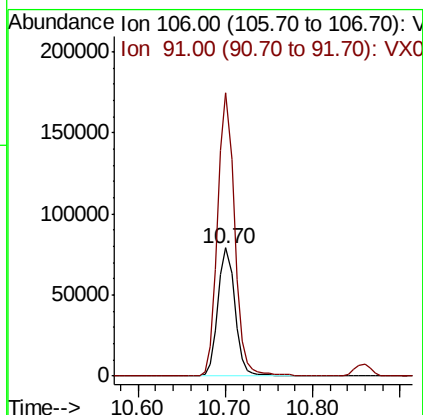
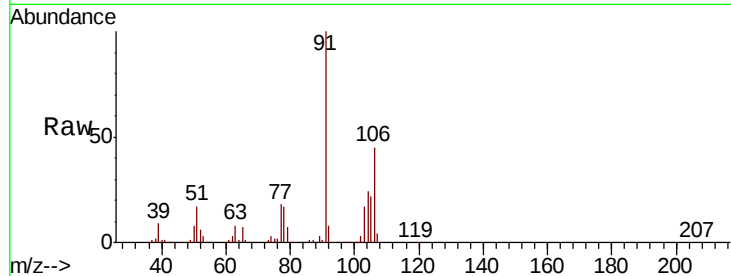




#69
o-Xylene
Concen: 20.929 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

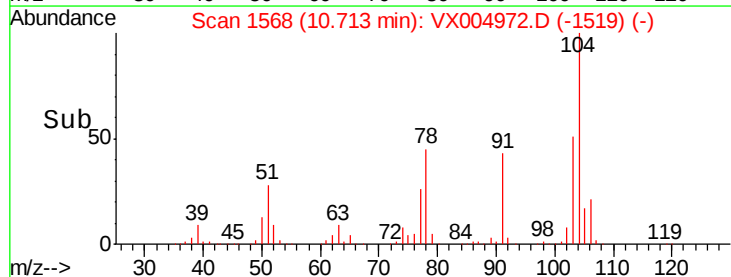
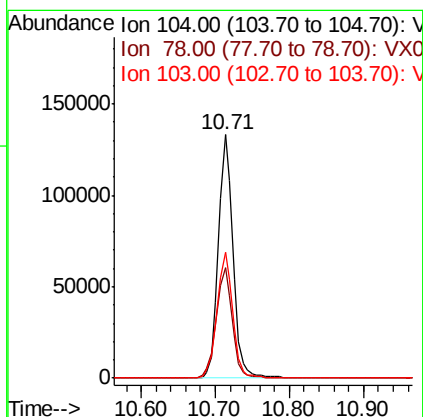
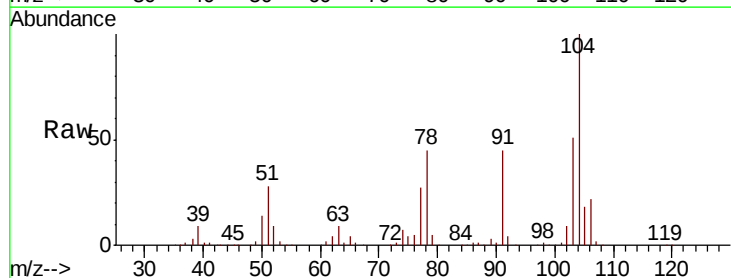
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD01

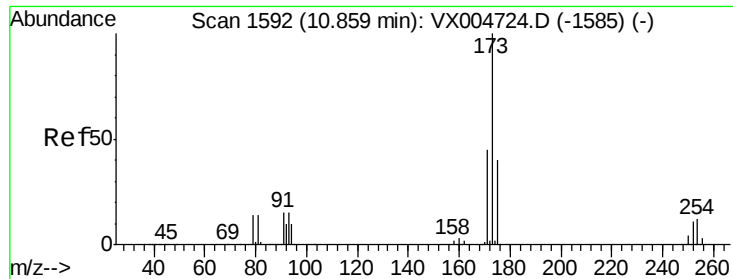
Tot Ion:106 Resp: 108083
Ion Ratio Lower Upper
106 100
91 217.2 108.3 324.8



#70
Styrene
Concen: 20.086 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Tgt Ion:104 Resp: 181082
Ion Ratio Lower Upper
104 100
78 49.5 40.0 60.0
103 55.4 44.3 66.5





#71

Bromoform

Concen: 18.323 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD01

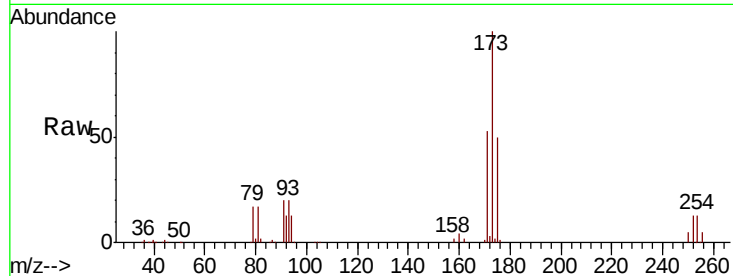
Tot Ion:173 Resp: 49978

Ion Ratio Lower Upper

173 100

175 49.5 23.3 69.8

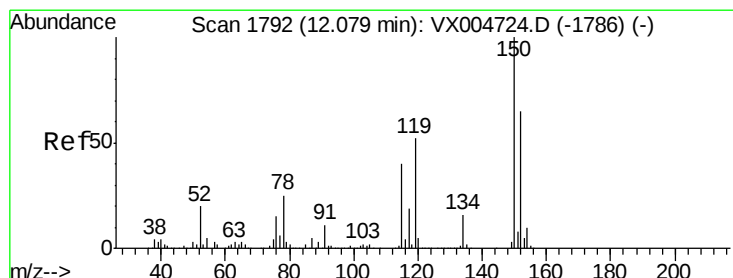
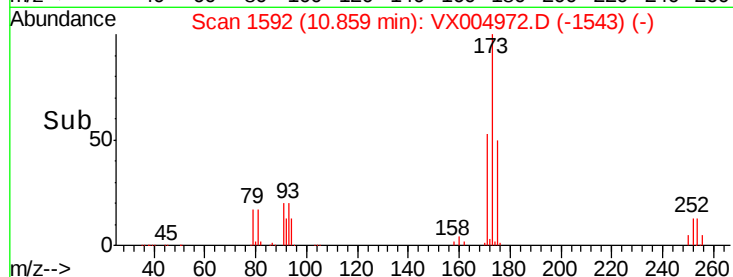
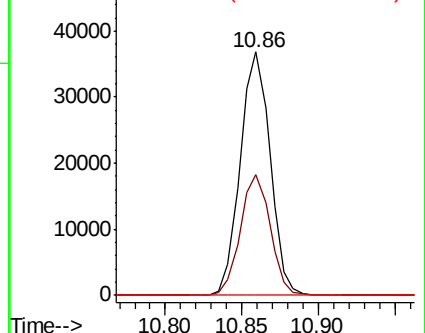
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

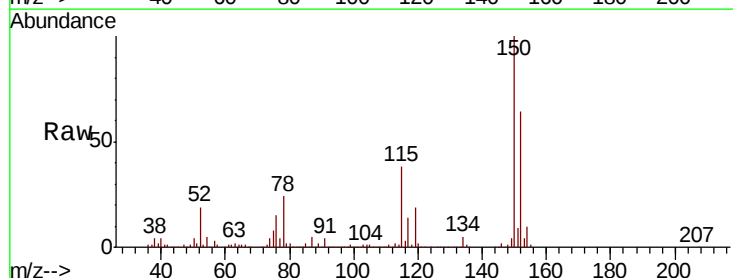
Tgt Ion:152 Resp: 210479

Ion Ratio Lower Upper

152 100

115 64.7 40.2 120.6

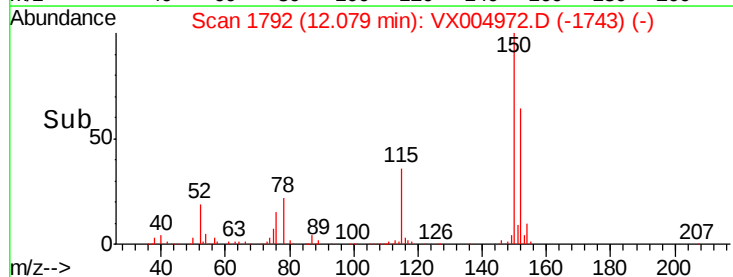
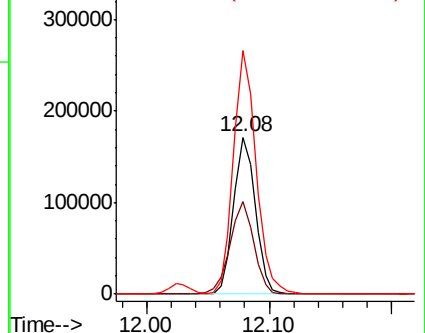
150 161.5 0.0 351.0

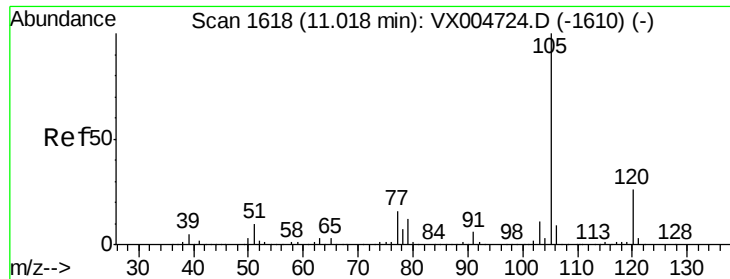


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.057 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

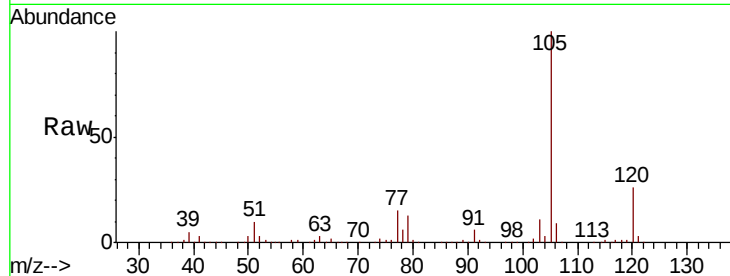
VX1004WBSD01

Tot Ion: 105 Resp: 292628

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

250000

200000

150000

100000

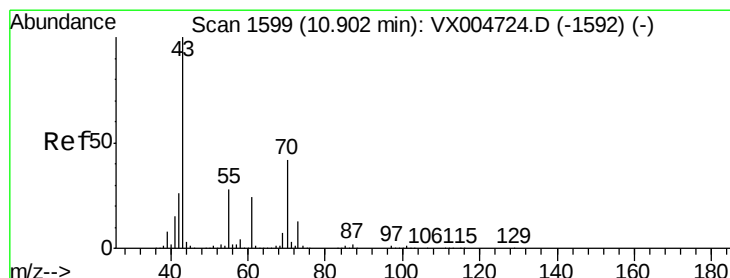
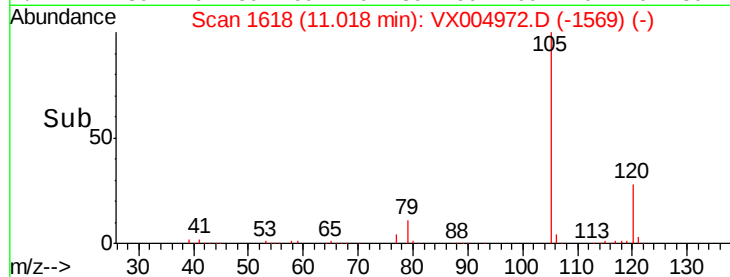
50000

0

11.02

11.10

Time-->



#74

N-ethyl acetate

Concen: 19.909 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Tgt Ion: 43 Resp: 137230

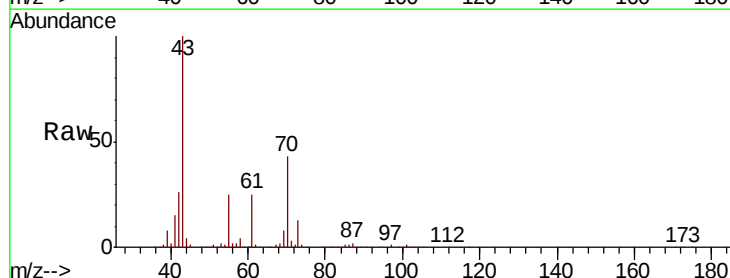
Ion Ratio Lower Upper

43 100

70 41.7 32.6 48.8

55 25.3 21.6 32.4

61 23.8 19.1 28.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

150000

100000

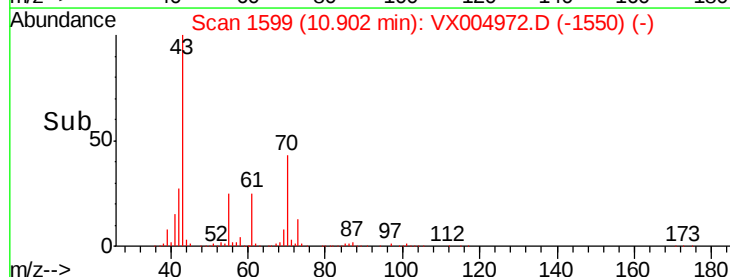
50000

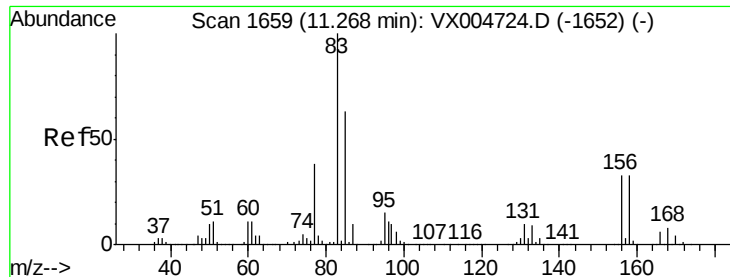
0

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.649 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampled :

VX1004WBSD01

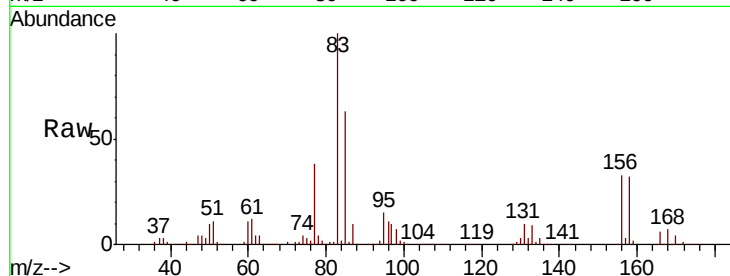
Tot Ion: 83 Resp: 106113

Ion Ratio Lower Upper

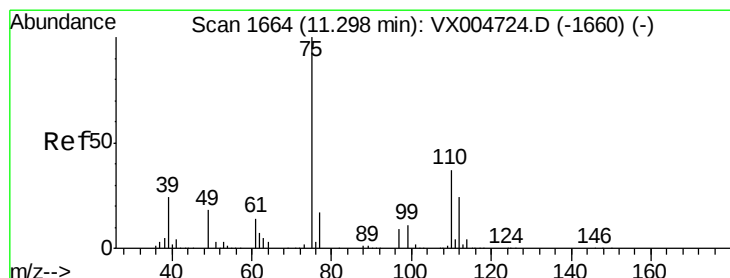
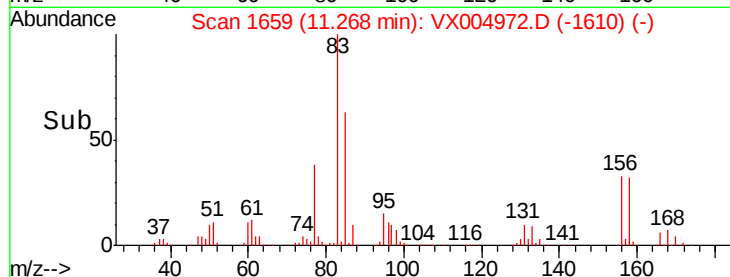
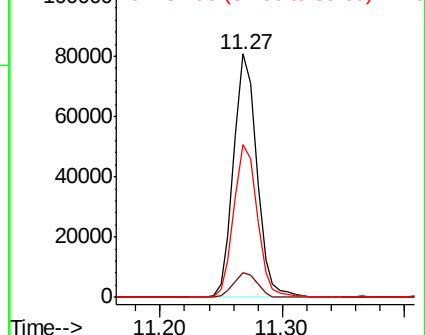
83 100

131 10.3 5.1 15.3

85 63.9 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 25.131 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004972.D

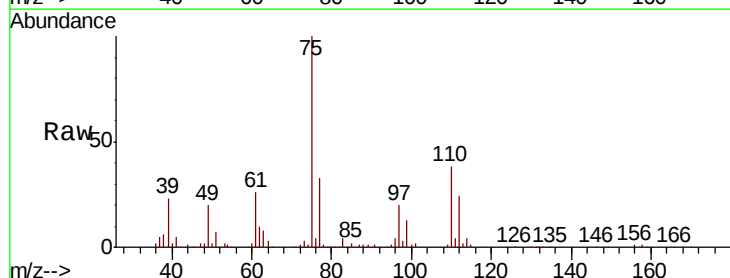
Acq: 03 Oct 2018 16:39

Tgt Ion: 75 Resp: 118558

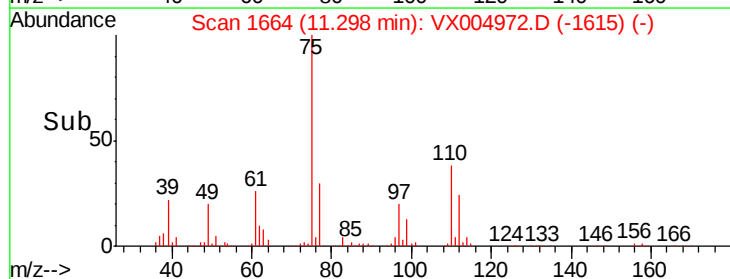
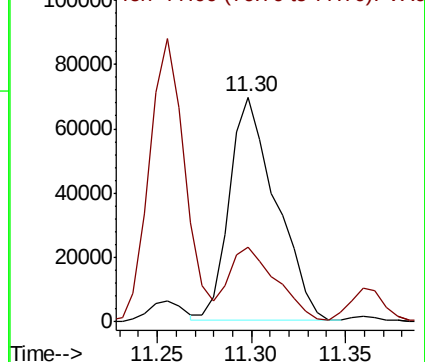
Ion Ratio Lower Upper

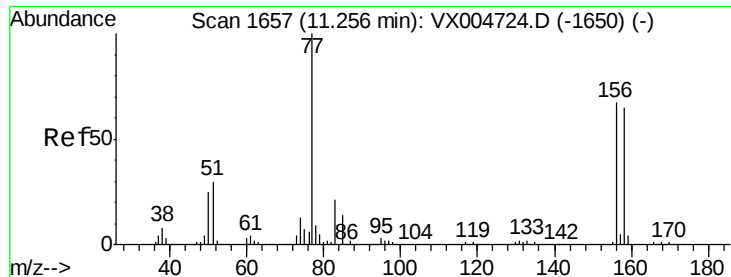
75 100

77 34.4 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.580 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD01

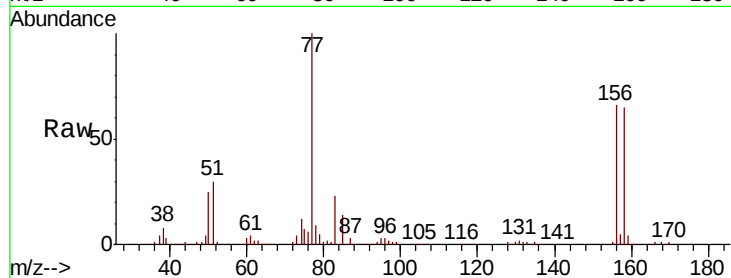
Tot Ion:156 Resp: 79304

Ion Ratio Lower Upper

156 100

77 147.1 73.4 220.2

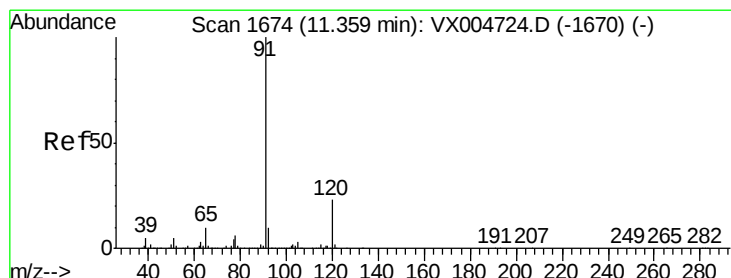
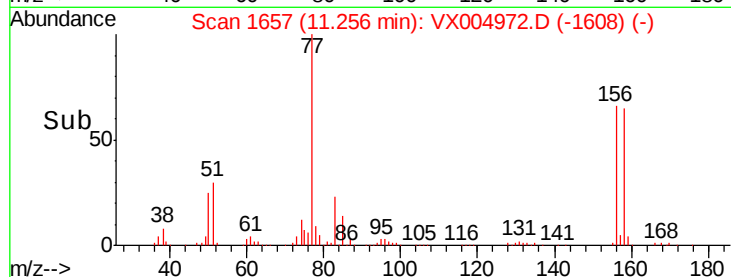
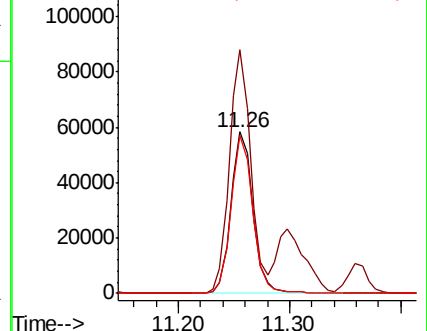
158 96.9 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.760 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004972.D

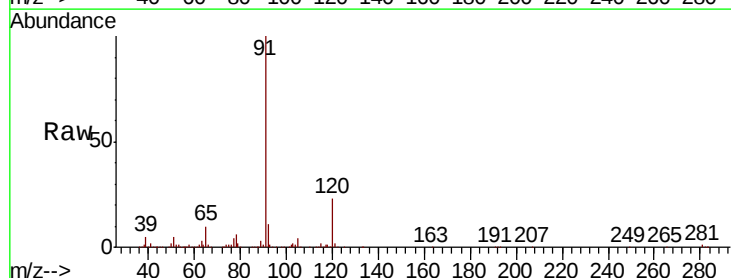
Acq: 03 Oct 2018 16:39

Tgt Ion: 91 Resp: 331229

Ion Ratio Lower Upper

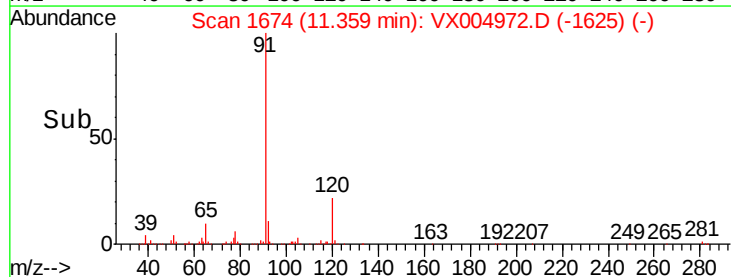
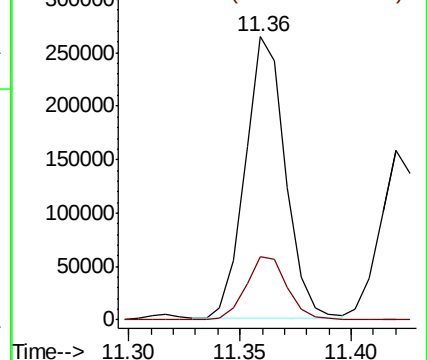
91 100

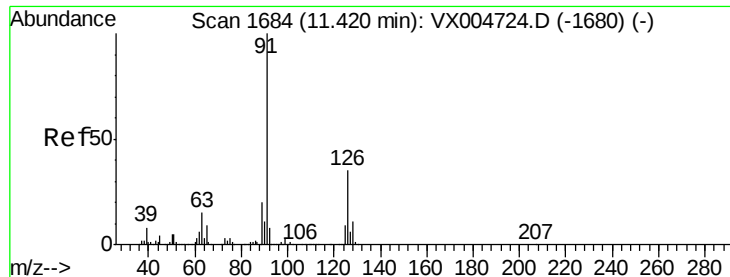
120 23.5 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.300 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

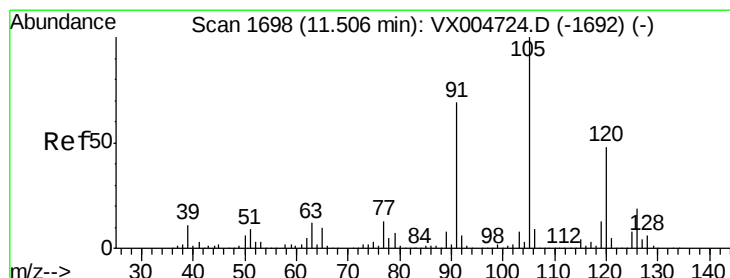
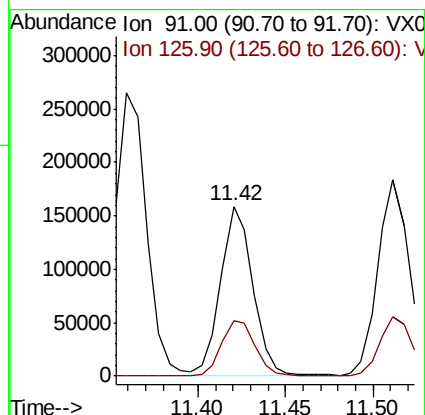
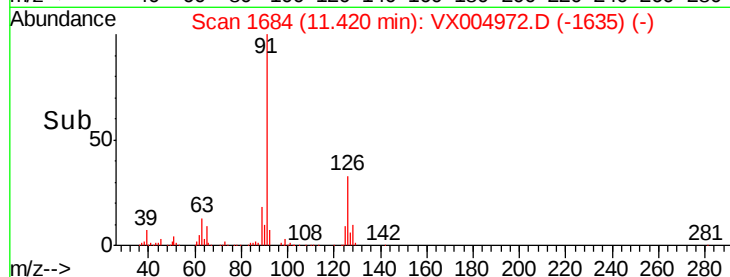
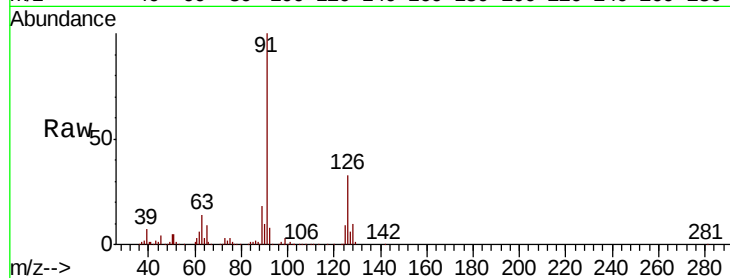
VX1004WBSD01

Tot Ion: 91 Resp: 202094

Ion Ratio Lower Upper

91 100

126 34.9 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 20.141 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004972.D

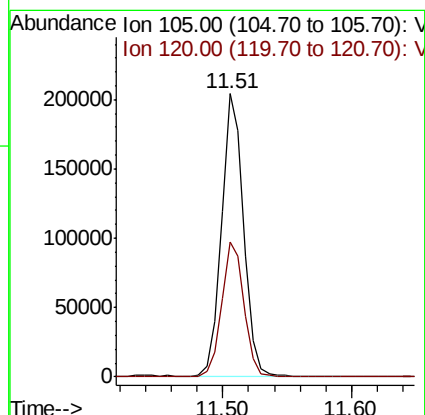
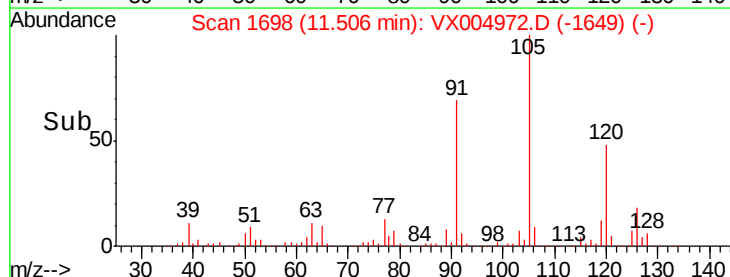
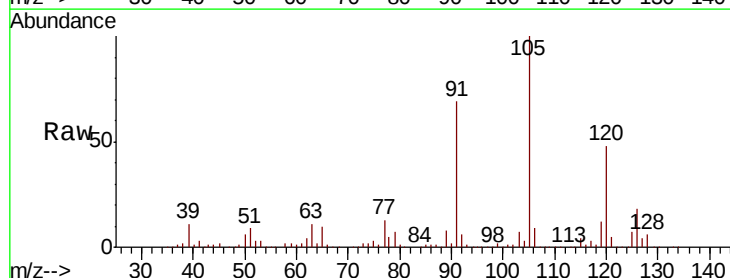
Acq: 03 Oct 2018 16:39

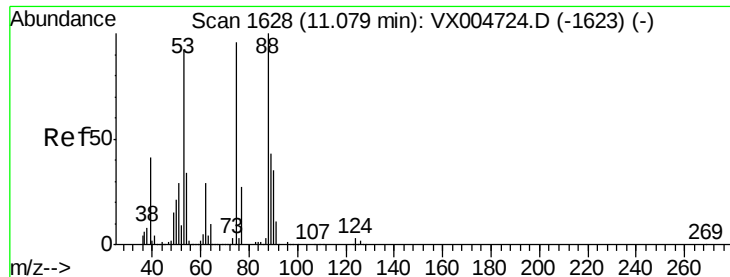
Tgt Ion: 105 Resp: 246335

Ion Ratio Lower Upper

105 100

120 48.4 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.535 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD01

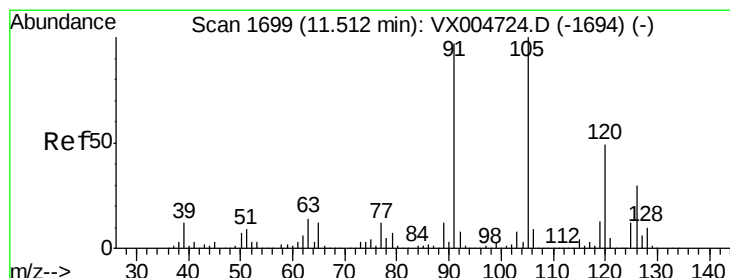
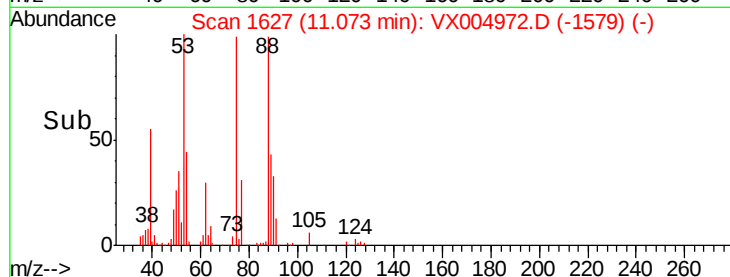
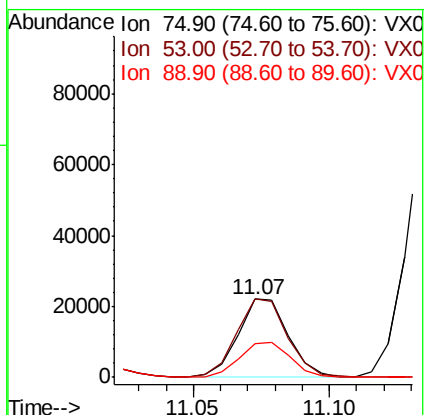
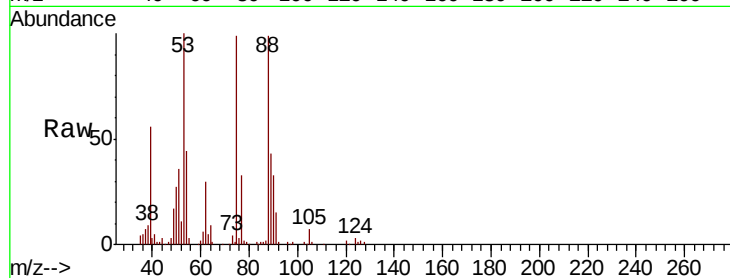
Tot Ion: 75 Resp: 28006

Ion Ratio Lower Upper

75 100

53 101.9 80.2 120.4

89 46.3 37.1 55.7



#82

4-Chlorotoluene

Concen: 21.052 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004972.D

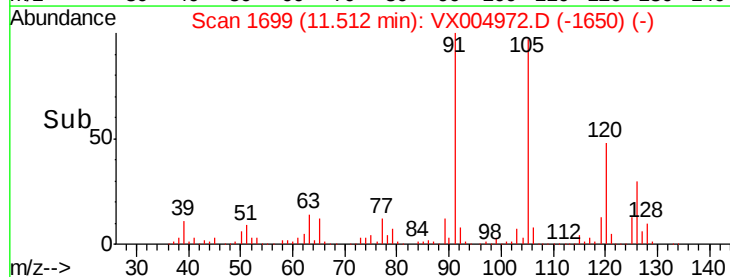
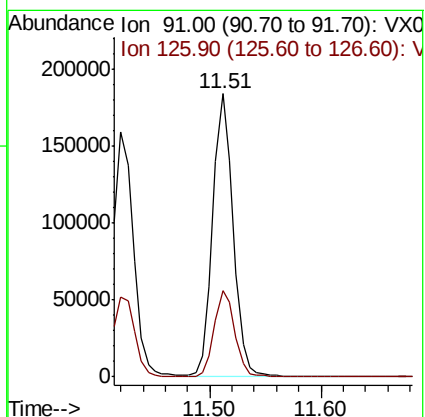
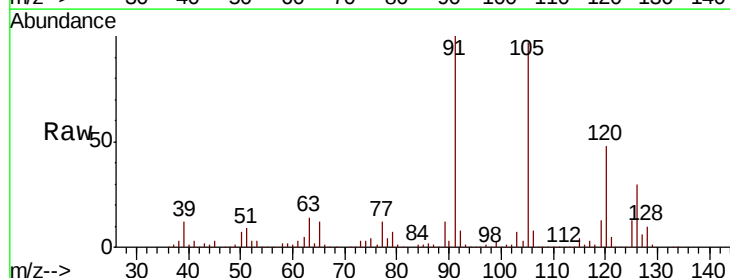
Acq: 03 Oct 2018 16:39

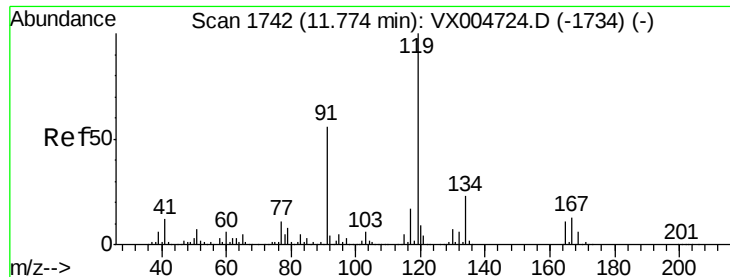
Tgt Ion: 91 Resp: 235111

Ion Ratio Lower Upper

91 100

126 30.9 15.5 46.5

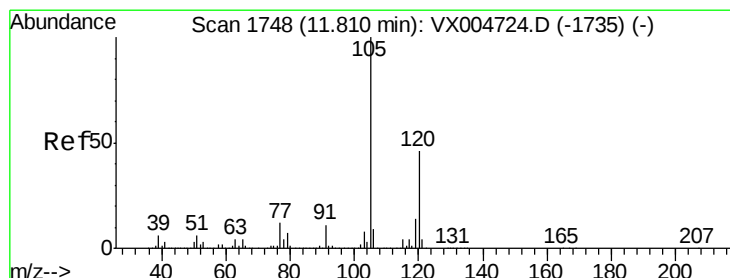
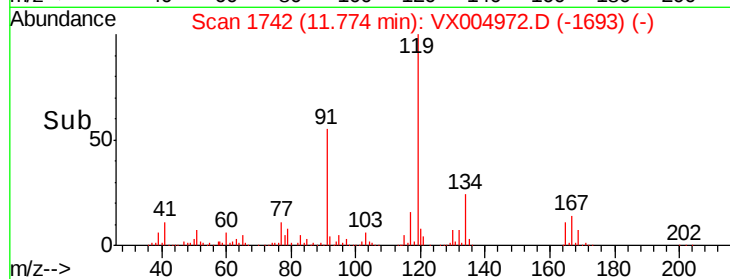
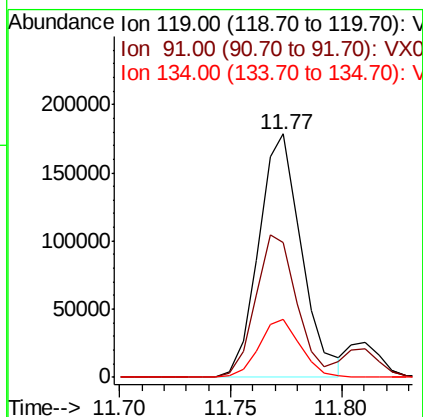
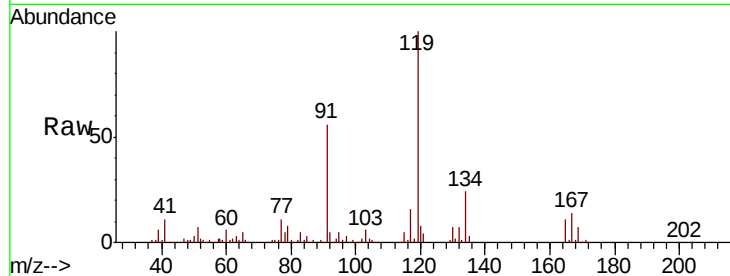




#83
 tert-Butylbenzene
 Concen: 21.878 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

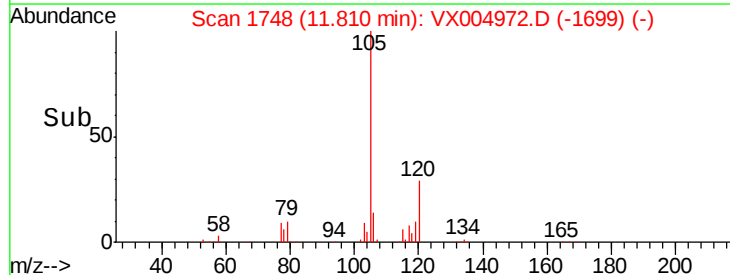
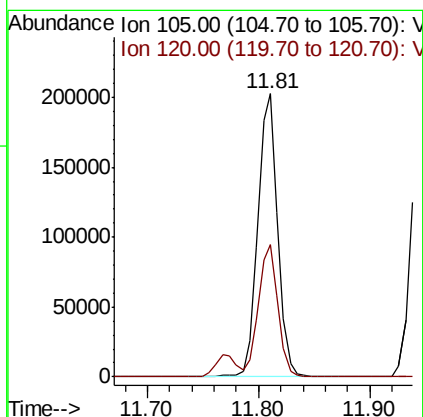
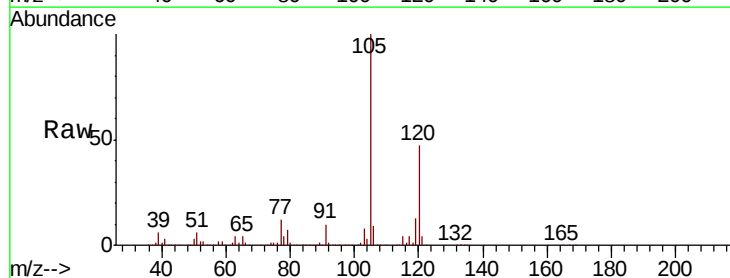
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD01

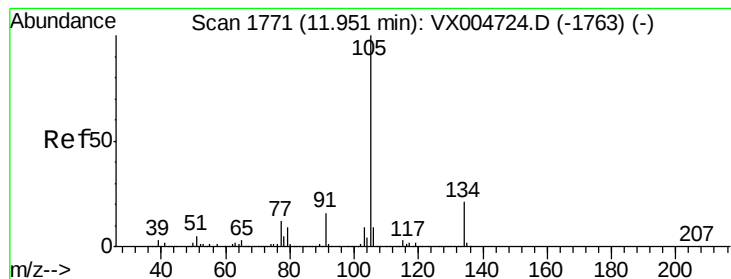
Tot Ion:119 Resp: 238977
 Ion Ratio Lower Upper
 119 100
 91 56.0 27.5 82.5
 134 23.1 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.945 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

Tgt Ion:105 Resp: 251594
 Ion Ratio Lower Upper
 105 100
 120 46.1 22.8 68.3





#85

sec-Butylbenzene

Concen: 21.810 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

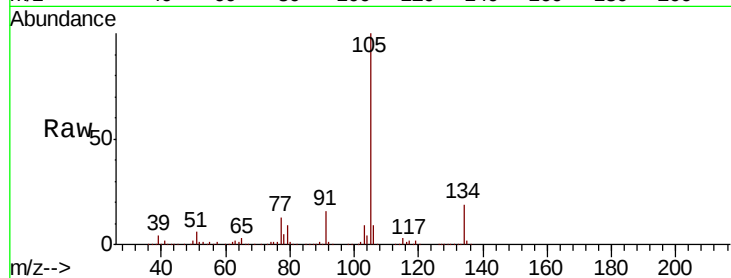
VX1004WBSD01

Tot Ion:105 Resp: 290175

Ion Ratio Lower Upper

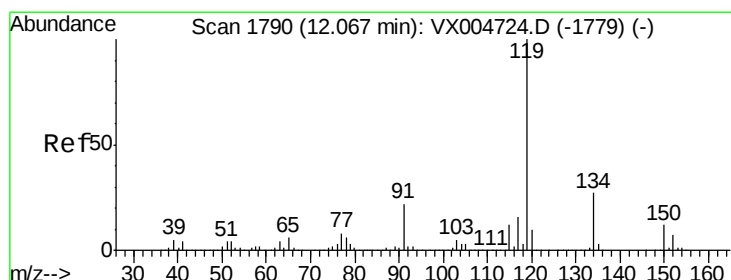
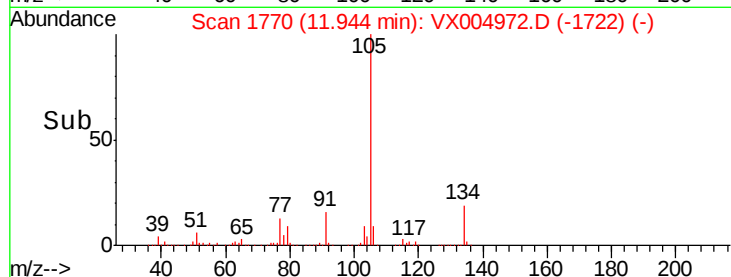
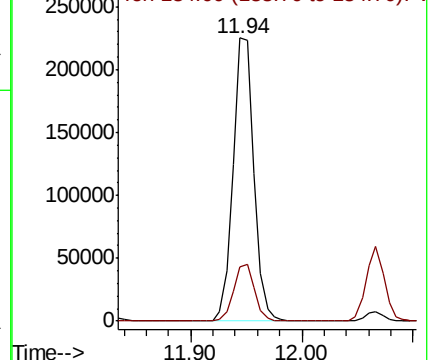
105 100

134 20.3 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 21.396 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

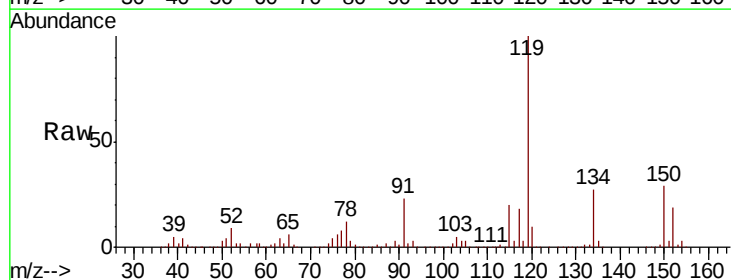
Tgt Ion:119 Resp: 257901

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

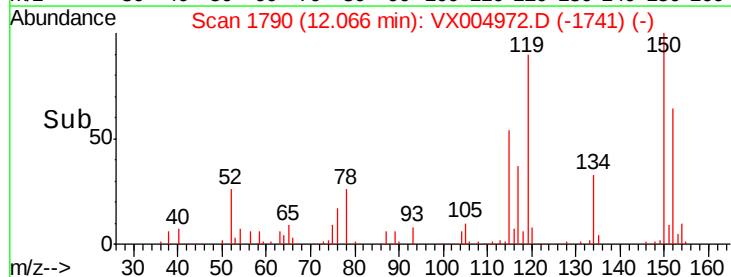
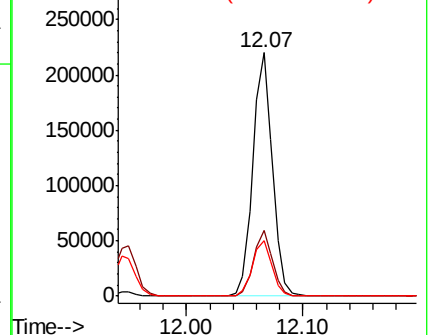
91 23.3 11.5 34.4

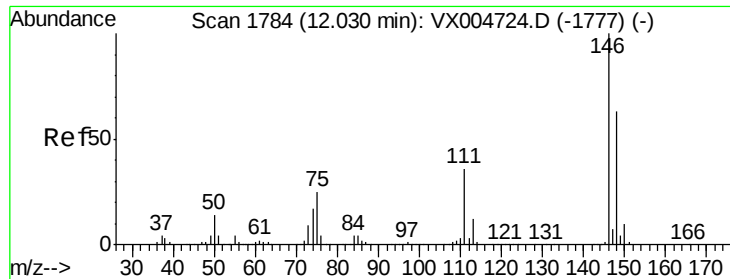


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.790 ug/l

RT: 12.03 min Scan# 1784

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD01

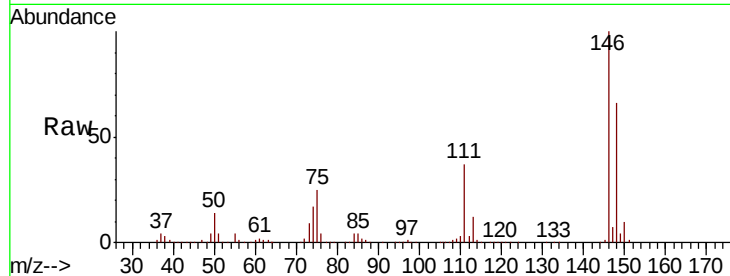
Tot Ion:146 Resp: 142397

Ion Ratio Lower Upper

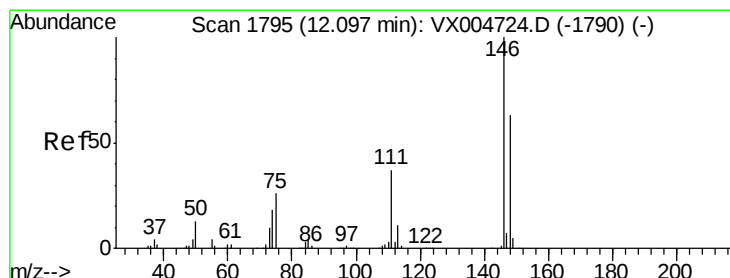
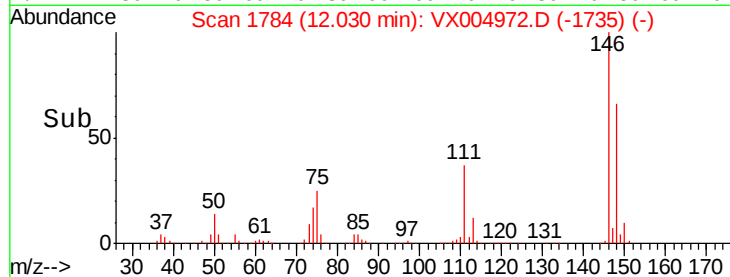
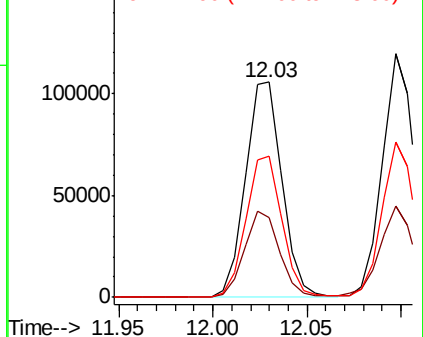
146 100

111 38.5 18.9 56.9

148 64.7 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 19.777 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

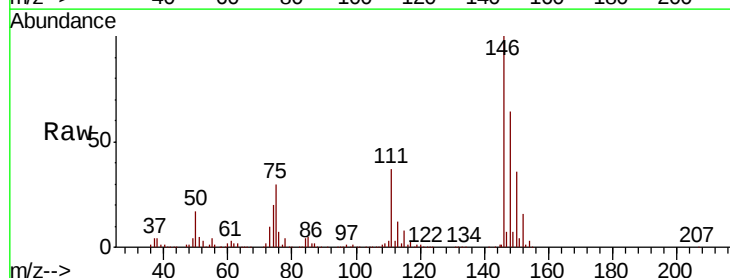
Tgt Ion:146 Resp: 146900

Ion Ratio Lower Upper

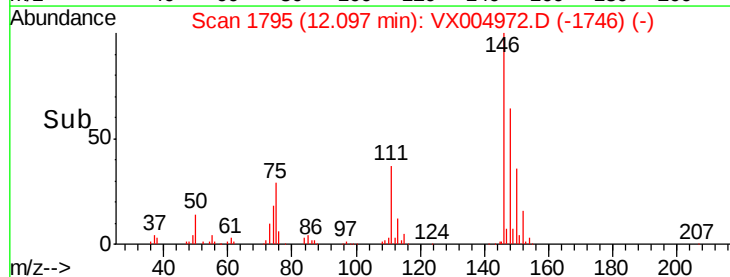
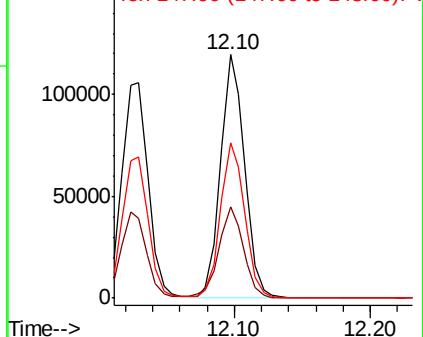
146 100

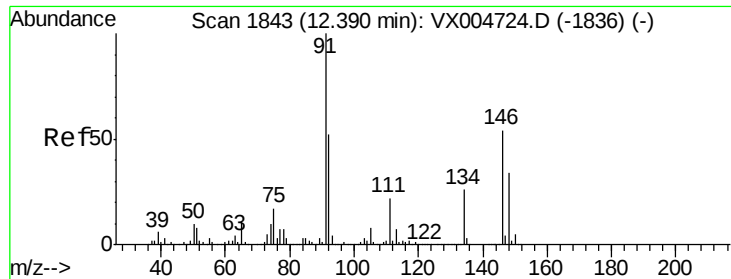
111 38.5 18.4 55.2

148 64.6 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

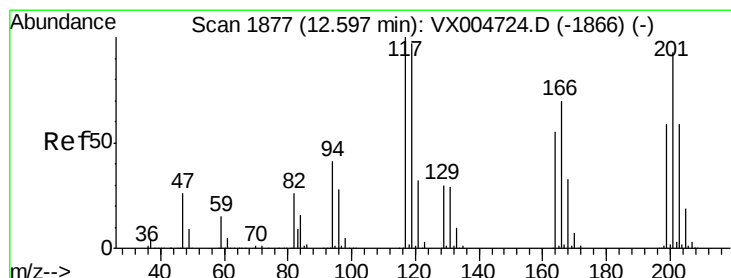
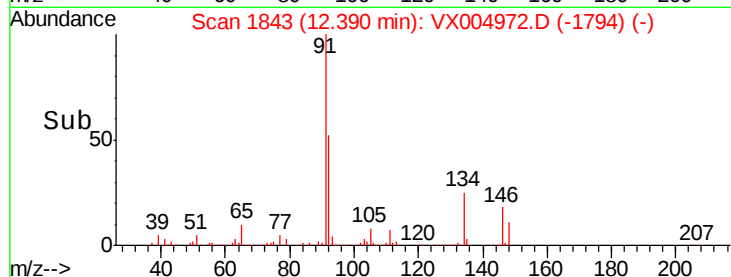
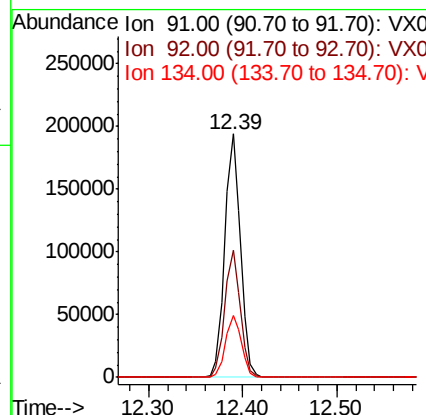
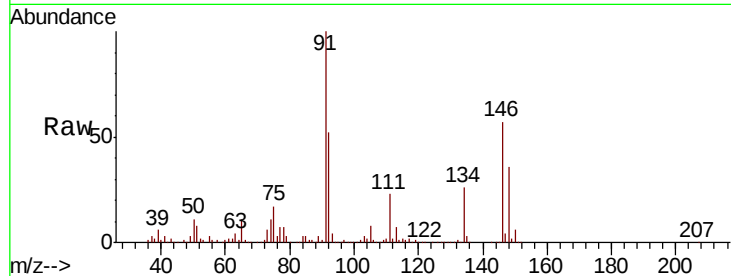




#89
n-Butylbenzene
Concen: 20.520 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

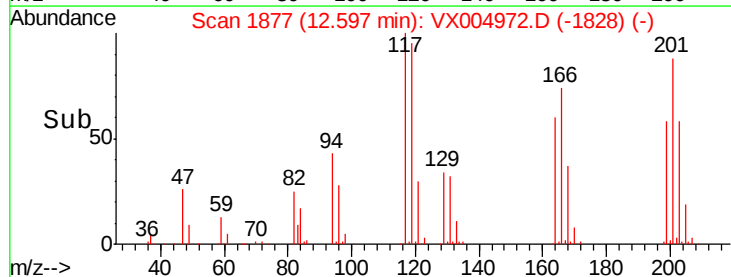
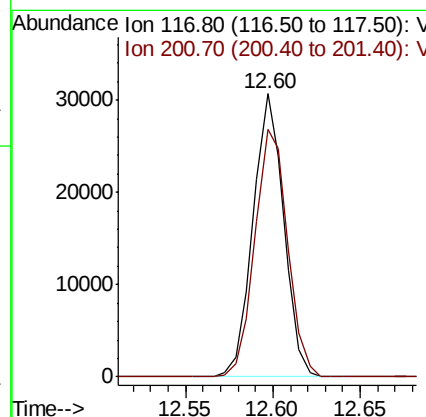
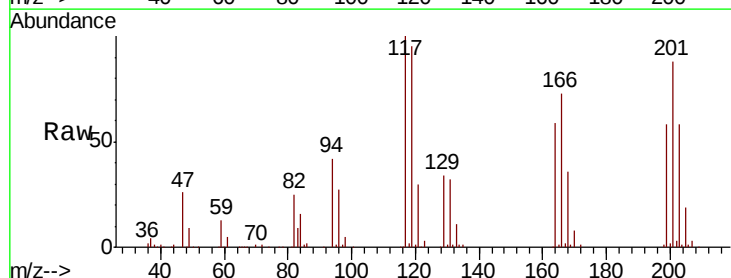
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD01

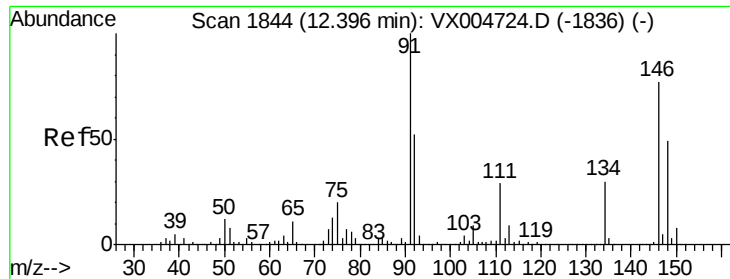
Tot Ion: 91 Resp: 224639
Ion Ratio Lower Upper
91 100
92 51.7 26.0 78.0
134 25.9 13.2 39.6



#90
Hexachloroethane
Concen: 18.780 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004972.D
Acq: 03 Oct 2018 16:39

Tgt Ion: 117 Resp: 37690
Ion Ratio Lower Upper
117 100
201 93.1 48.4 145.0





#91

1,2-Dichlorobenzene

Concen: 19.257 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD01

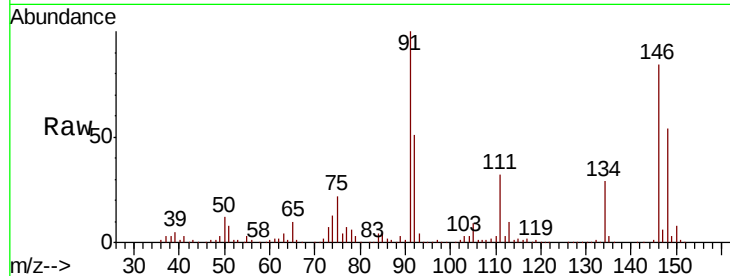
Tot Ion:146 Resp: 144807

Ion Ratio Lower Upper

146 100

111 39.8 19.6 58.7

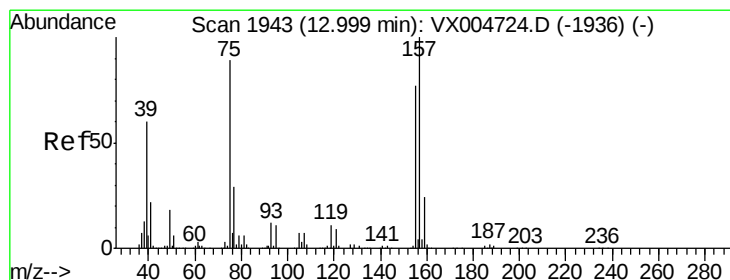
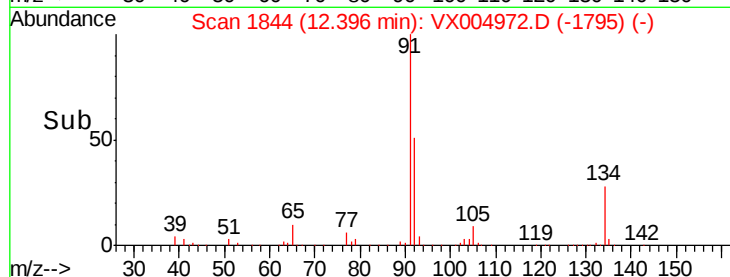
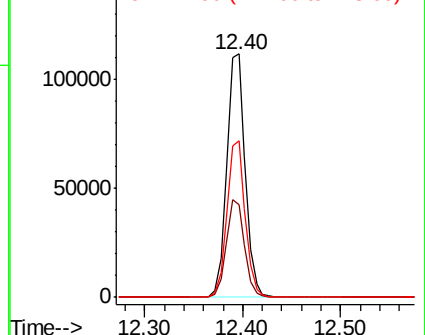
148 63.9 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.249 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

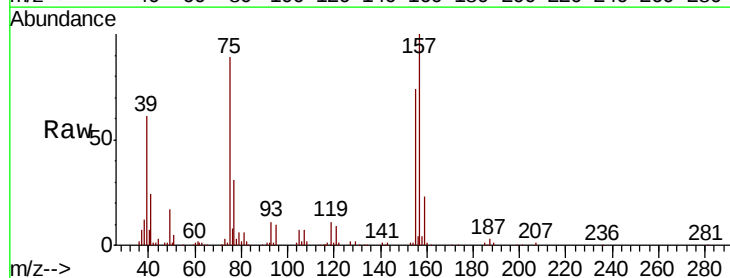
Tgt Ion: 75 Resp: 24011

Ion Ratio Lower Upper

75 100

155 91.7 46.1 138.3

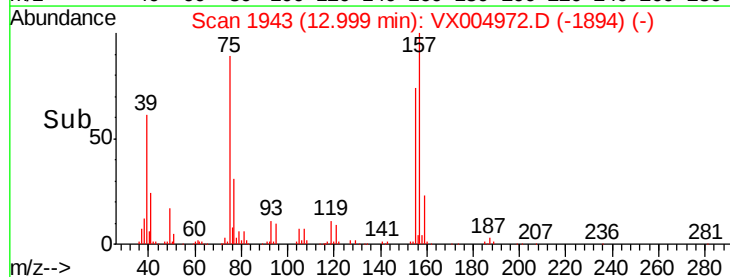
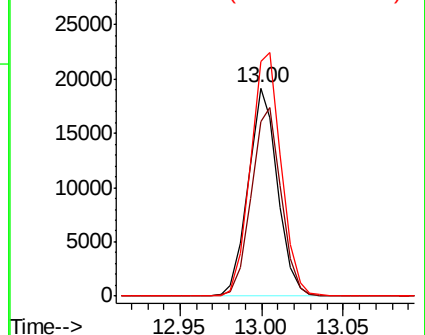
157 122.3 60.2 180.6

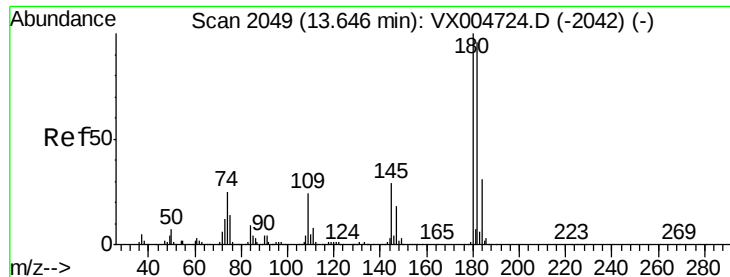


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

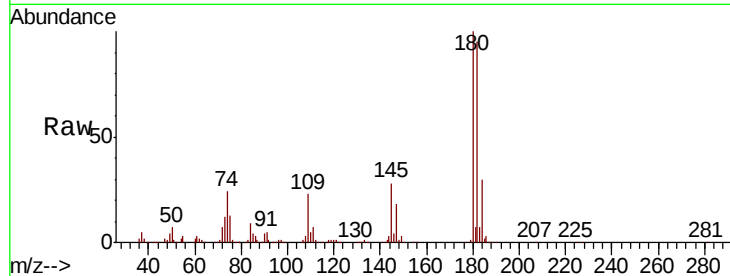




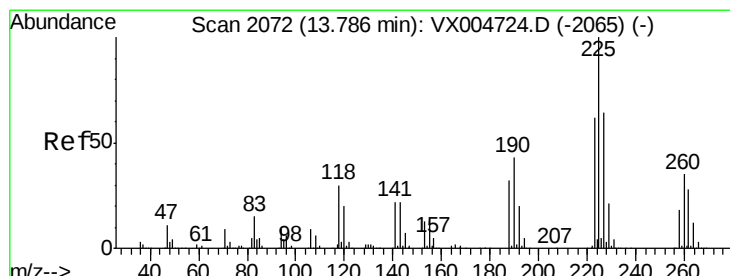
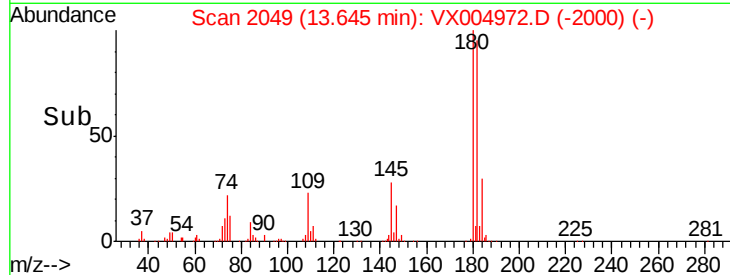
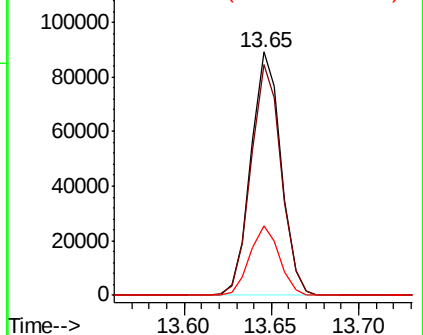
#93
 1,2,4-Trichlorobenzene
 Concen: 20.246 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD01

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.8	143.4
145	28.0	14.1	42.4

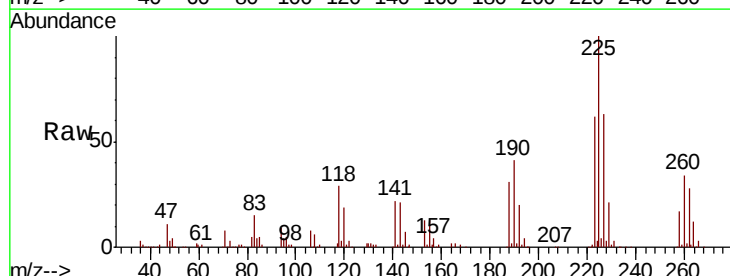


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

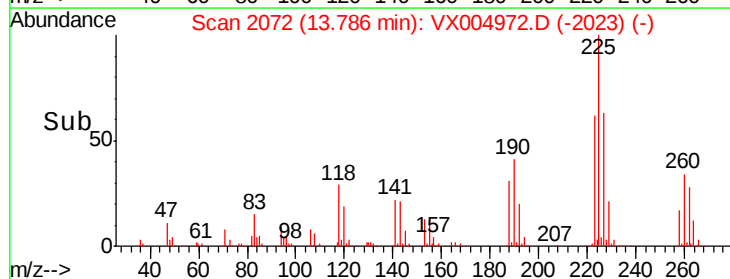
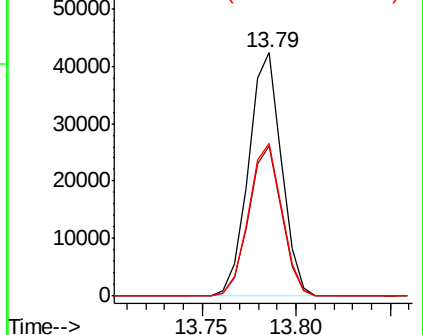


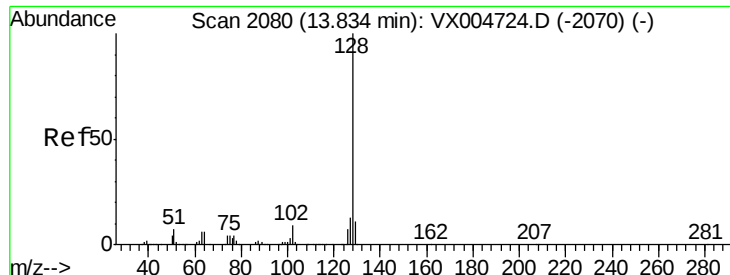
#94
 Hexachlorobutadiene
 Concen: 18.769 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004972.D
 Acq: 03 Oct 2018 16:39

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.9	31.3	93.8
227	63.5	31.9	95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 19.898 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD01

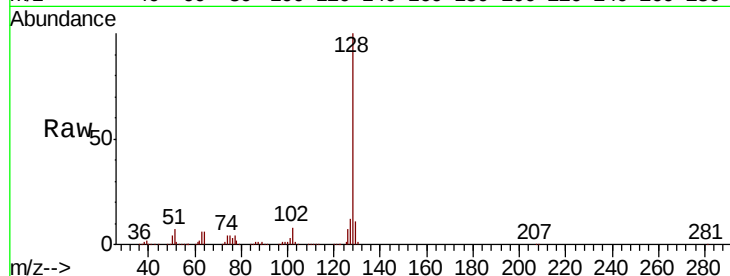
Tot Ion:128 Resp: 340668

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

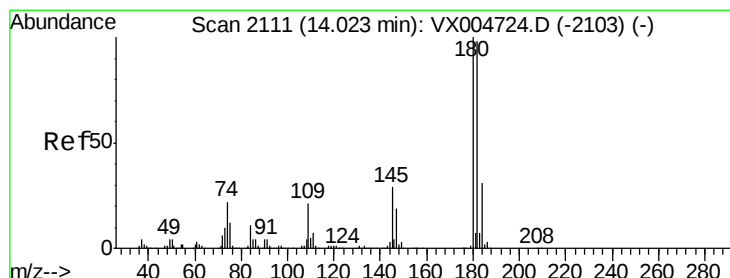
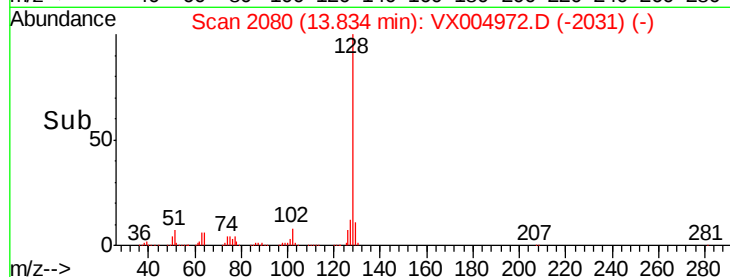
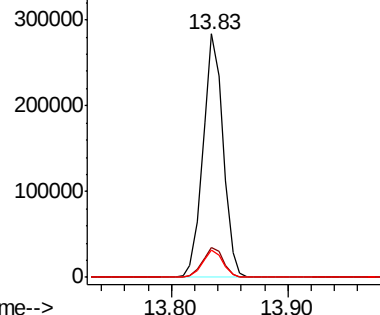
129 11.1 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.349 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004972.D

Acq: 03 Oct 2018 16:39

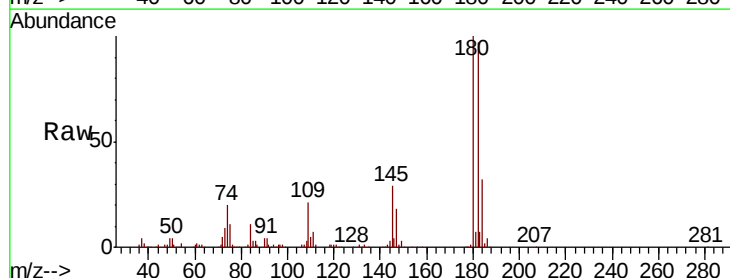
Tgt Ion:180 Resp: 110883

Ion Ratio Lower Upper

180 100

182 95.6 47.9 143.8

145 29.9 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

