

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100318\
 Data File : VX004924.D
 Acq On : 02 Oct 2018 17:40
 Operator : JC/MD
 Sample : VX1003WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

Quant Time: Oct 03 04:40:58 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	227660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	347178	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	326606	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	195162	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	168067	51.68	ug/l	0.00
Spiked Amount			Recovery	=	103.36%	
35) Dibromofluoromethane	5.51	113	136255	46.31	ug/l	0.00
Spiked Amount			Recovery	=	92.62%	
50) Toluene-d8	8.72	98	509416	52.08	ug/l	0.00
Spiked Amount			Recovery	=	104.16%	
62) 4-Bromofluorobenzene	11.14	95	184058	52.23	ug/l	0.00
Spiked Amount			Recovery	=	104.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	66454	21.409	ug/l	100
3) Chloromethane	1.32	50	73714	19.574	ug/l	100
4) Vinyl Chloride	1.40	62	72929	20.647	ug/l	99
5) Bromomethane	1.64	94	37615	17.959	ug/l	95
6) Chloroethane	1.72	64	42821	20.890	ug/l	97
7) Trichlorofluoromethane	1.93	101	93712	21.431	ug/l	96
8) Diethyl Ether	2.19	74	38368	20.197	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	52364	21.023	ug/l	99
10) Methyl Iodide	2.51	142	40118	12.036	ug/l	91
11) Tert butyl alcohol	3.08	59	107126	117.808	ug/l	99
12) 1,1-Dichloroethene	2.37	96	50165	20.336	ug/l	94
13) Acrolein	2.29	56	35375	54.677	ug/l	89
14) Allyl chloride	2.73	41	115540	21.467	ug/l	95
15) Acrylonitrile	3.15	53	217354	108.581	ug/l	97
16) Acetone	2.45	43	208632	109.884	ug/l	93
17) Carbon Disulfide	2.57	76	139860	18.868	ug/l	99
18) Methyl Acetate	2.78	43	118471	24.628	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	191347	22.488	ug/l	96
20) Methylene Chloride	2.85	84	59766	21.166	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	54165	20.059	ug/l	87
22) Diisopropyl ether	3.87	45	193248	21.322	ug/l	97
23) Vinyl Acetate	3.82	43	865118	104.279	ug/l	98
24) 1,1-Dichloroethane	3.70	63	111665	20.654	ug/l	99
25) 2-Butanone	4.71	43	301045	107.567	ug/l	97
26) 2,2-Dichloropropane	4.58	77	79199	21.037	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	59377	19.683	ug/l	92
28) Bromochloromethane	5.02	49	51879	20.377	ug/l	98
29) Tetrahydrofuran	5.16	42	191982	110.368	ug/l	97
30) Chloroform	5.21	83	102548	20.070	ug/l	100
31) Cyclohexane	5.57	56	87422	21.127	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	85401	20.466	ug/l	97
36) 1,1-Dichloropropene	5.80	75	72881	18.154	ug/l	94
37) Ethyl Acetate	4.86	43	104118	19.538	ug/l	98
38) Carbon Tetrachloride	5.78	117	73062	17.313	ug/l	99

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	81435	19.866	ug/l	# 85
40) Benzene	6.14	78	229712	18.277	ug/l	96
41) Methacrylonitrile	5.06	41	57657	19.510	ug/l	98
42) 1,2-Dichloroethane	6.20	62	82273	18.518	ug/l	97
43) Isopropyl Acetate	6.46	43	146422	19.037	ug/l	97
44) Trichloroethene	7.21	130	59463	19.246	ug/l	92
45) 1,2-Dichloropropane	7.52	63	62297	20.212	ug/l	97
46) Dibromomethane	7.66	93	38799	20.031	ug/l	99
47) Bromodichloromethane	7.90	83	74773	20.618	ug/l	99
48) Methyl methacrylate	7.78	41	77193	22.112	ug/l	100
49) 1,4-Dioxane	7.76	88	37155	428.397	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	537911	111.073	ug/l	99
52) Toluene	8.79	92	142293	20.604	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	81935	19.993	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	91217	21.250	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	60428	19.976	ug/l	96
56) Ethyl methacrylate	9.18	69	90017	20.150	ug/l	98
57) 1,3-Dichloropropane	9.37	76	99629	19.789	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	250053	104.711	ug/l	100
59) 2-Hexanone	9.50	43	426850	105.770	ug/l	94
60) Dibromochloromethane	9.59	129	59852	19.784	ug/l	98
61) 1,2-Dibromoethane	9.68	107	61653	19.031	ug/l	95
64) Tetrachloroethene	9.34	164	58778	18.285	ug/l	96
65) Chlorobenzene	10.14	112	158499	18.925	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	57167	19.416	ug/l	99
67) Ethyl Benzene	10.26	91	260010	19.555	ug/l	97
68) m/p-Xylenes	10.36	106	203888	39.240	ug/l	94
69) o-Xylene	10.70	106	99298	20.807	ug/l	98
70) Styrene	10.71	104	163620	19.687	ug/l	99
71) Bromoform	10.86	173	48296	19.160	ug/l	99
73) Isopropylbenzene	11.02	105	262781	21.362	ug/l	99
74) N-amyl acetate	10.90	43	125342	19.638	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	98491	19.669	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	109487	25.030	ug/l	87
77) Bromobenzene	11.26	156	72126	20.186	ug/l	99
78) n-propylbenzene	11.36	91	299388	21.212	ug/l	99
79) 2-Chlorotoluene	11.42	91	184311	20.950	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	223990	19.747	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	25303	17.137	ug/l	98
82) 4-Chlorotoluene	11.51	91	214611	20.725	ug/l	99
83) tert-Butylbenzene	11.77	119	217075	21.433	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	231350	19.778	ug/l	98
85) sec-Butylbenzene	11.95	105	263786	21.383	ug/l	99
86) p-Isopropyltoluene	12.07	119	236573	21.166	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	130792	19.604	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	132842	19.288	ug/l	98
89) n-Butylbenzene	12.39	91	202648	19.964	ug/l	100
90) Hexachloroethane	12.60	117	35701	19.185	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	131993	18.931	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21678	19.717	ug/l	99

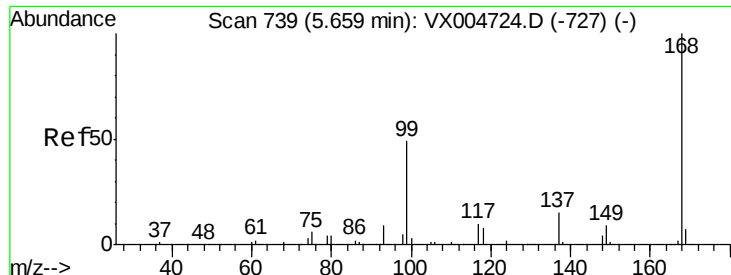
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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	94944	19.412	ug/l	99
94) Hexachlorobutadiene	13.79	225	48466	19.109	ug/l	98
95) Naphthalene	13.83	128	304242	19.191	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	100260	19.844	ug/l	98

(#) = 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: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

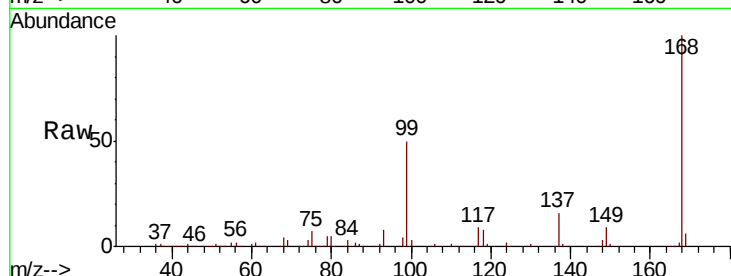
VX1003WBS01

Tot Ion:168 Resp: 227660

Ion Ratio Lower Upper

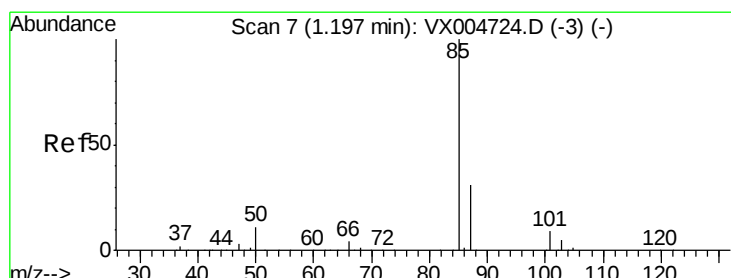
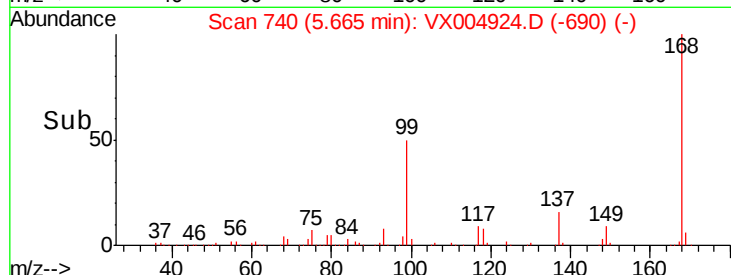
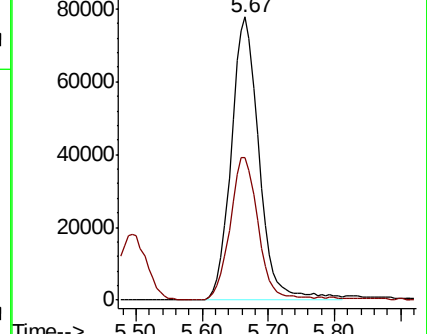
168 100

99 50.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 21.409 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004924.D

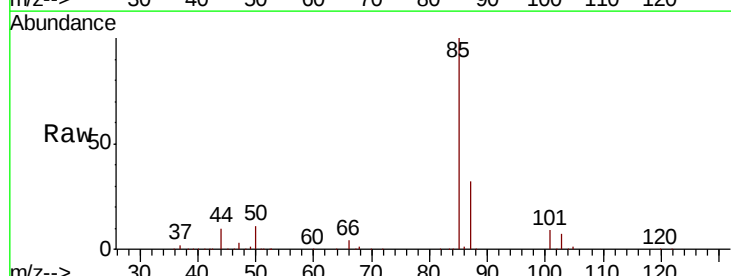
Acq: 02 Oct 2018 17:40

Tgt Ion: 85 Resp: 66454

Ion Ratio Lower Upper

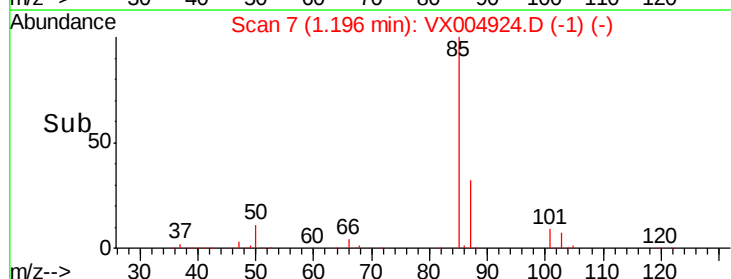
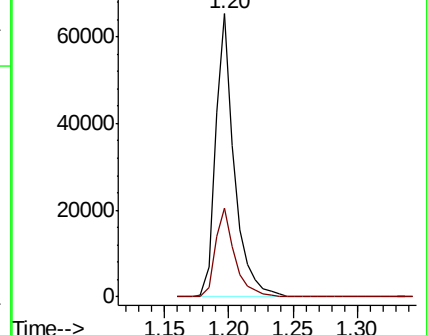
85 100

87 31.6 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.574 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

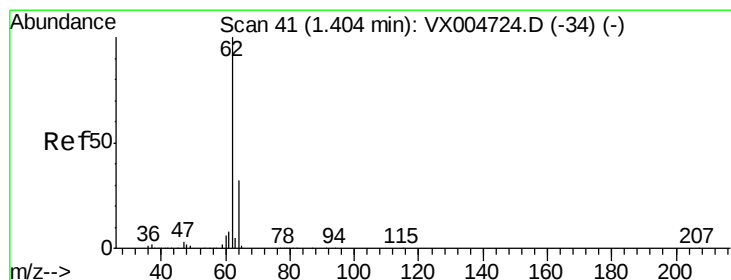
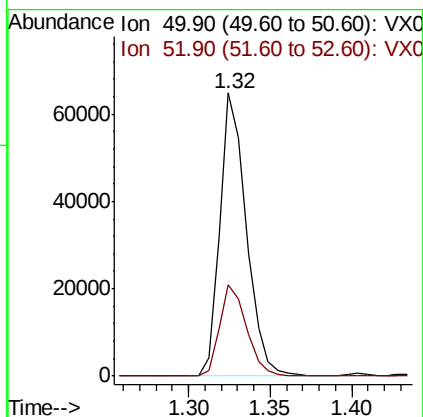
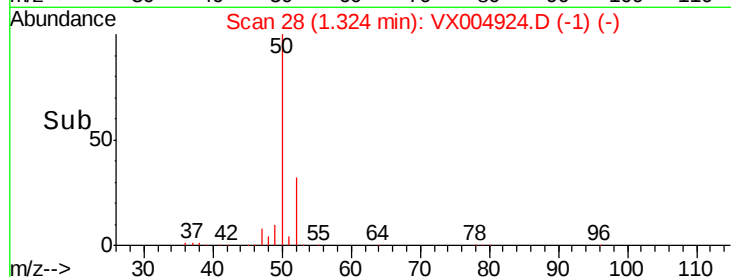
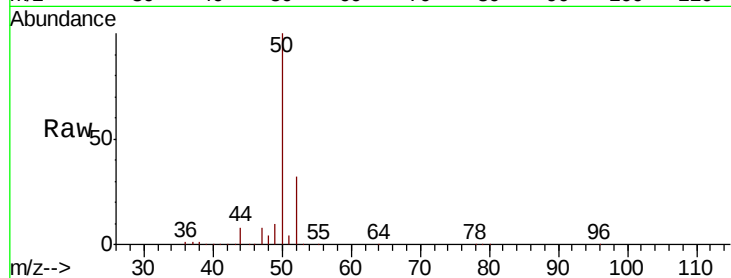
VX1003WBS01

Tot Ion: 50 Resp: 73714

Ion Ratio Lower Upper

50 100

52 32.4 25.8 38.6



#4

Vinyl Chloride

Concen: 20.647 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004924.D

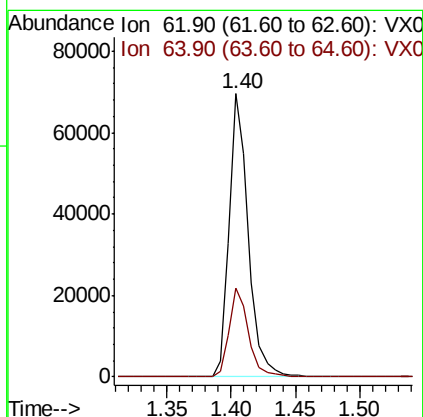
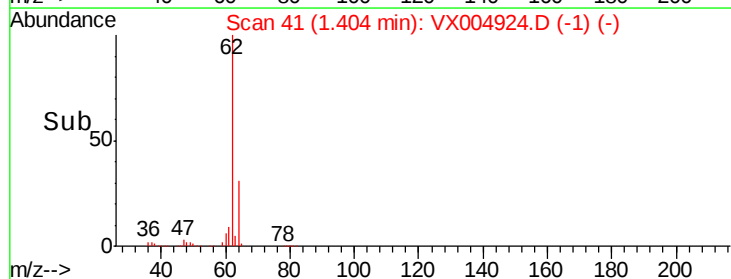
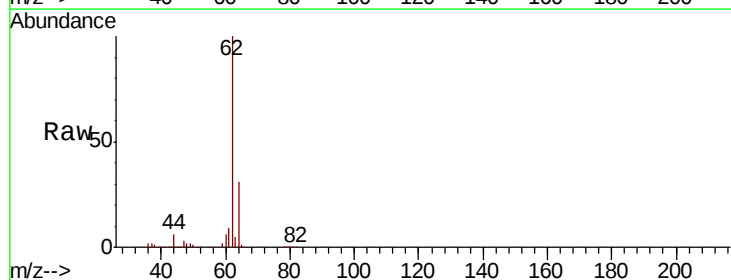
Acq: 02 Oct 2018 17:40

Tgt Ion: 62 Resp: 72929

Ion Ratio Lower Upper

62 100

64 31.3 25.5 38.3





#5

Bromomethane

Concen: 17.959 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

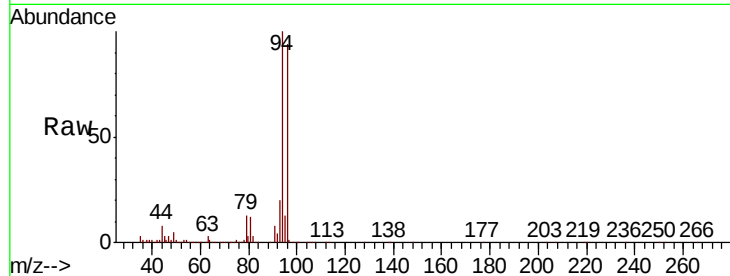
VX1003WBS01

Tot Ion: 94 Resp: 37615

Ion Ratio Lower Upper

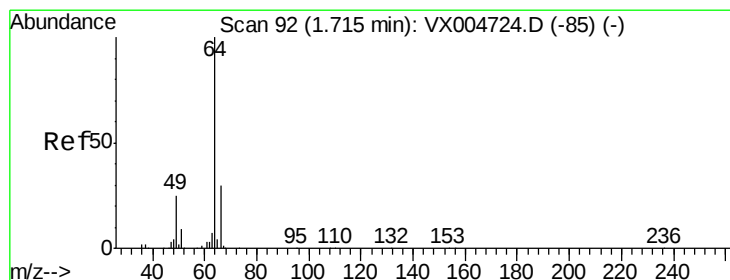
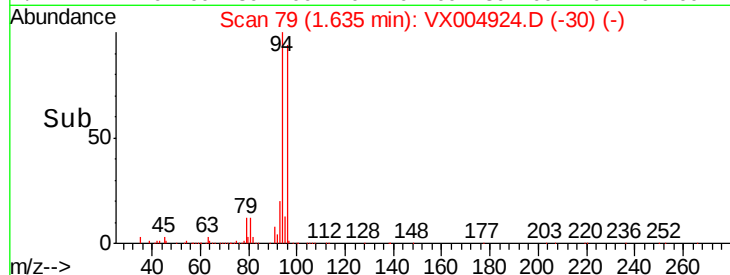
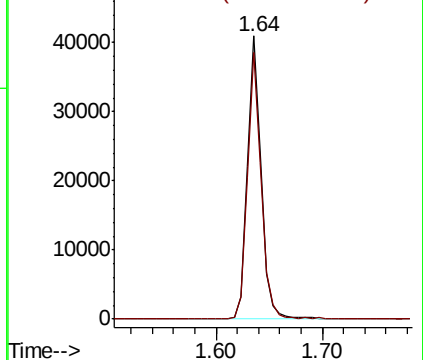
94 100

96 93.9 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.890 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004924.D

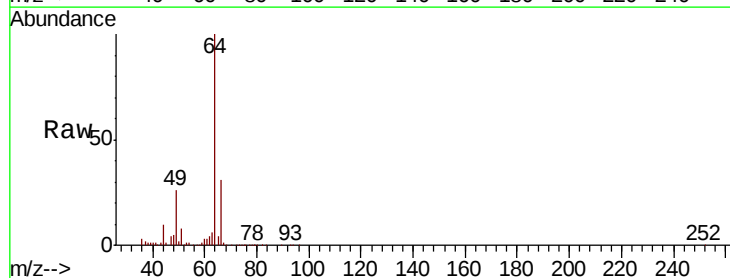
Acq: 02 Oct 2018 17:40

Tgt Ion: 64 Resp: 42821

Ion Ratio Lower Upper

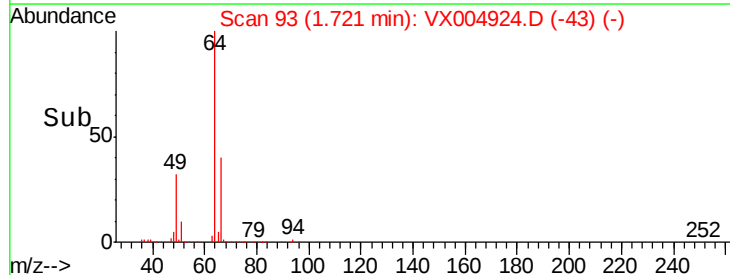
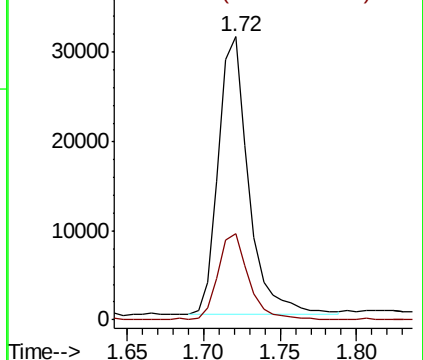
64 100

66 31.1 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



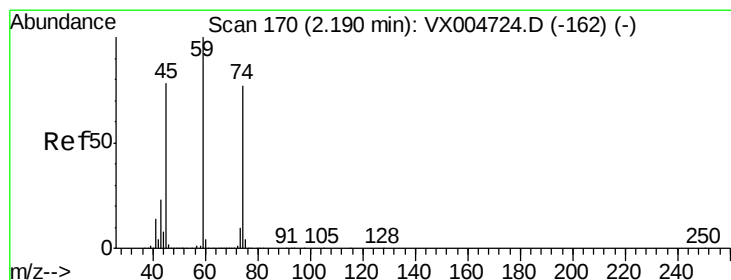
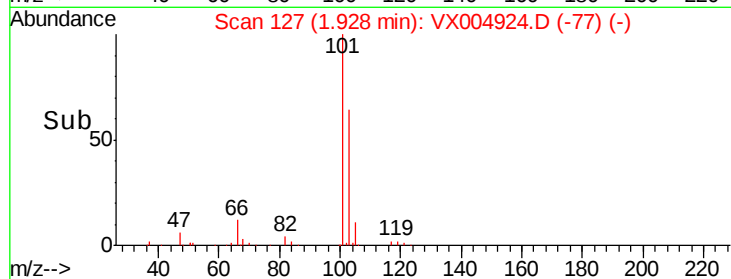
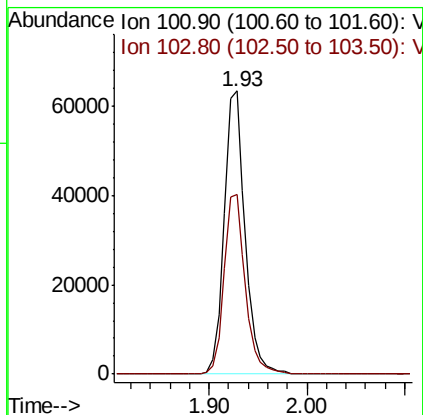
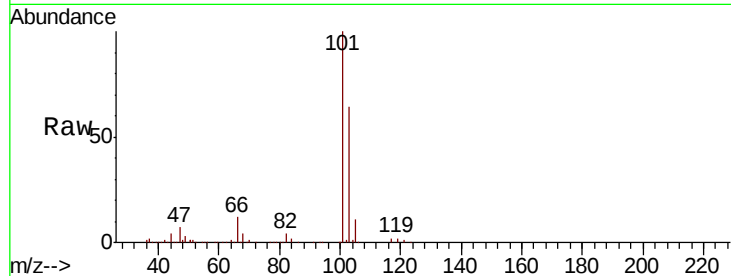


#7

Trichlorofluoromethane
 Concen: 21.431 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Instrument :
 MSVOA_X
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 VX1003WBS01

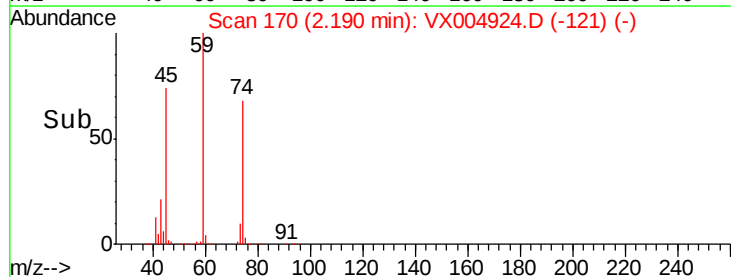
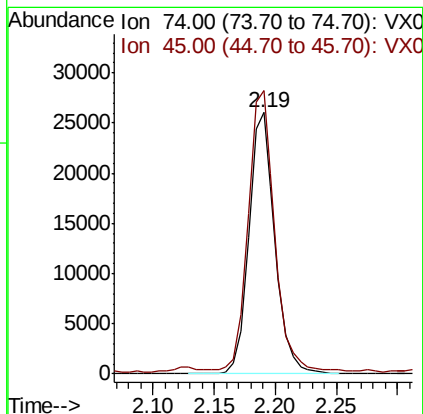
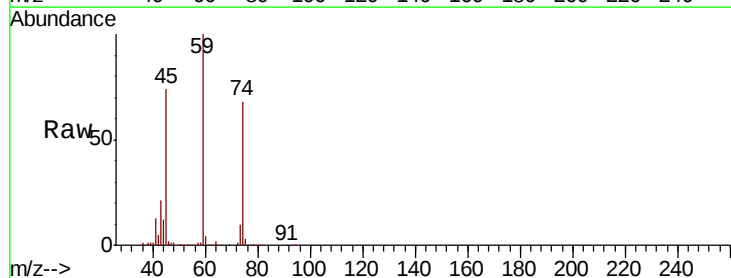
Tot Ion:101 Resp: 93712
 Ion Ratio Lower Upper
 101 100
 103 63.6 48.4 72.6

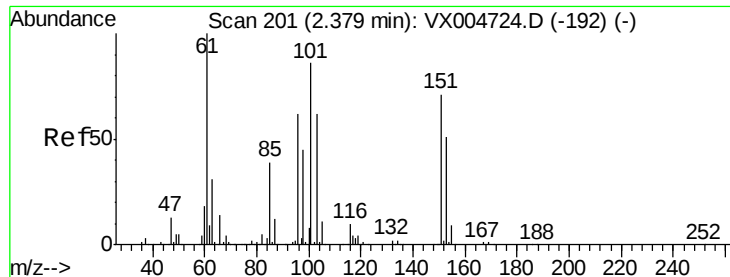


#8

Diethyl Ether
 Concen: 20.197 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Tgt Ion: 74 Resp: 38368
 Ion Ratio Lower Upper
 74 100
 45 109.8 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.023 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

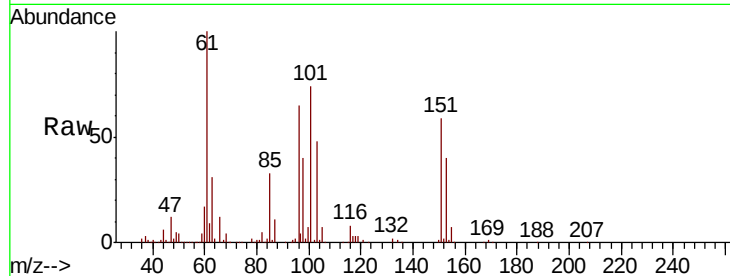
Tot Ion:101 Resp: 52364

Ion Ratio Lower Upper

101 100

85 44.7 35.9 53.9

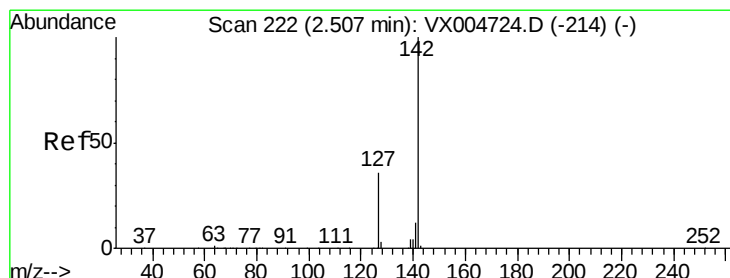
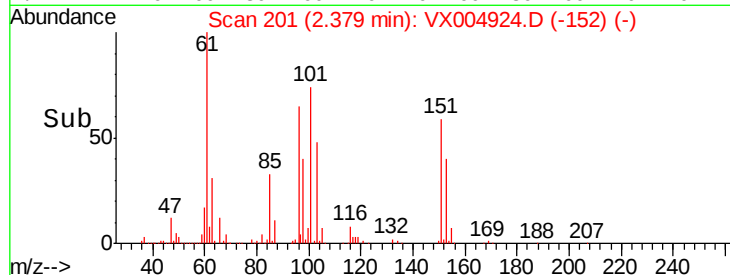
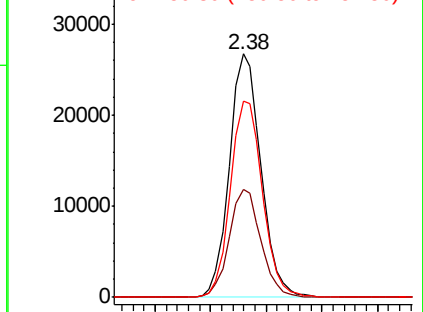
151 82.4 66.6 100.0



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: 12.036 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

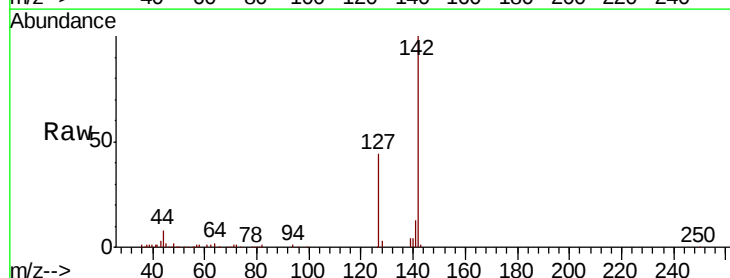
Tgt Ion:142 Resp: 40118

Ion Ratio Lower Upper

142 100

127 44.2 30.1 45.1

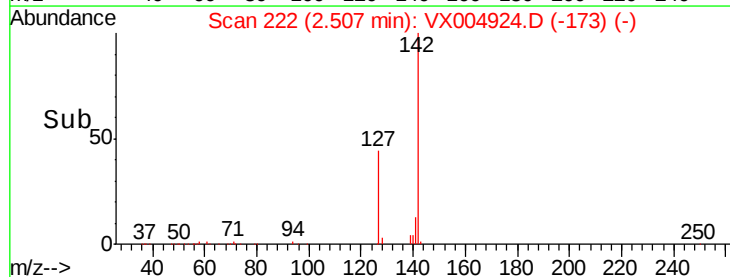
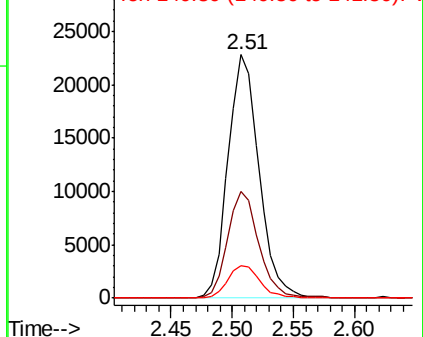
141 13.8 10.1 15.1

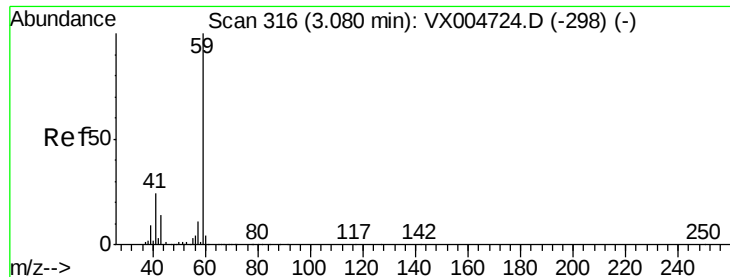


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

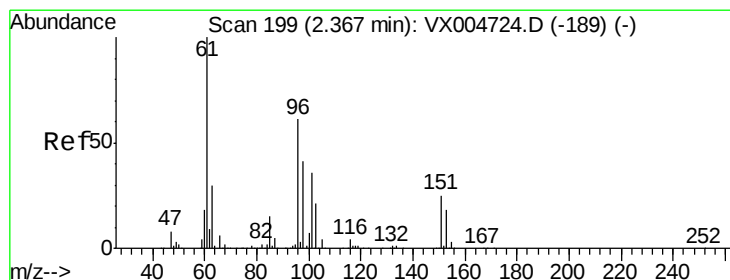
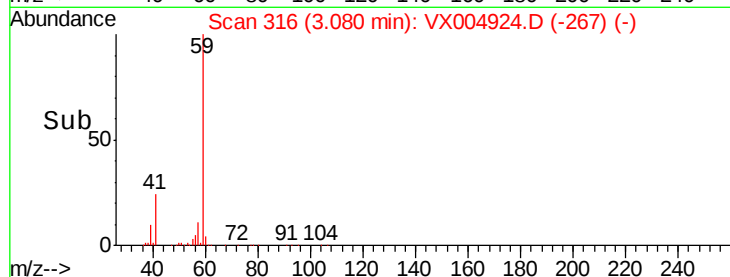
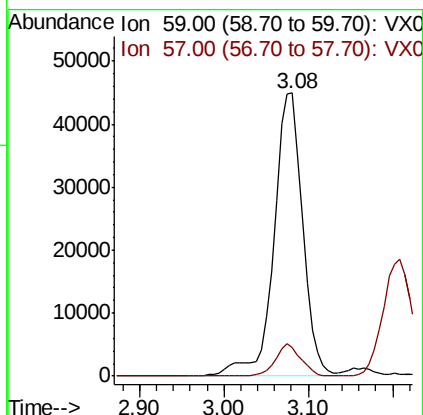
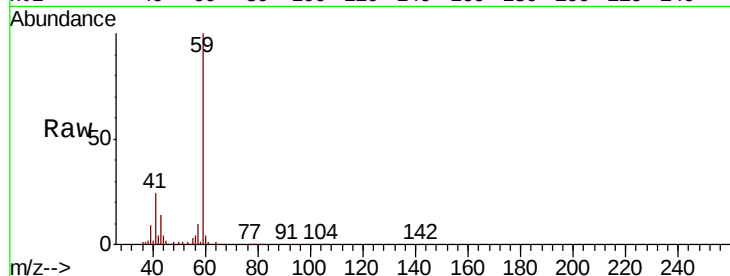




#11
Tert butyl alcohol
Concen: 117.808 ug/l
RT: 3.08 min Scan# 316
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

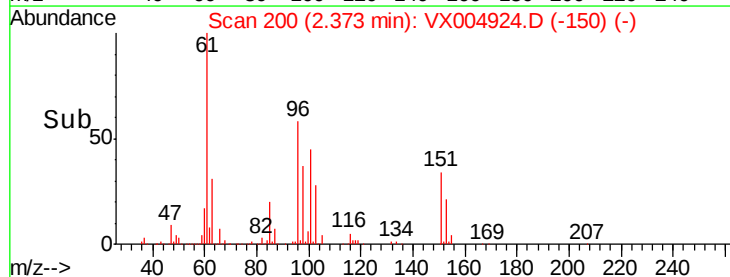
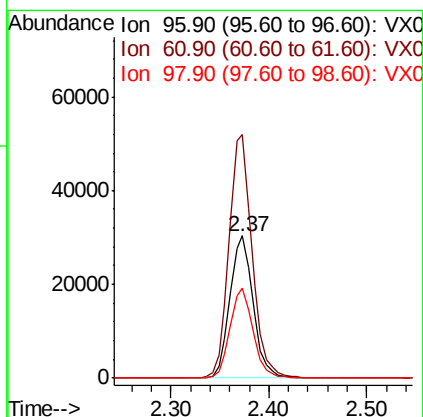
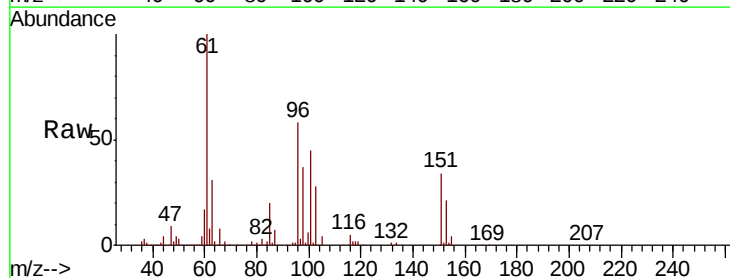
Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

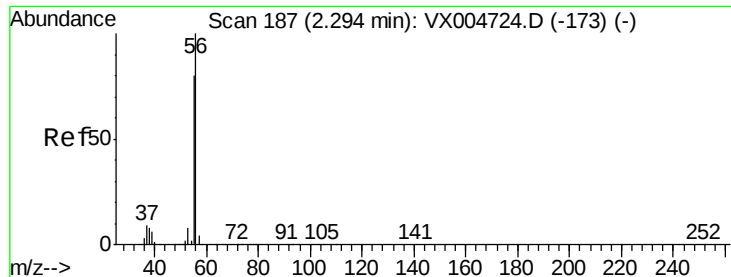
Tot Ion: 59 Resp: 107126
Ion Ratio Lower Upper
59 100
57 10.2 8.6 12.8



#12
1,1-Dichloroethene
Concen: 20.336 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.01 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tgt Ion: 96 Resp: 50165
Ion Ratio Lower Upper
96 100
61 171.0 130.2 195.4
98 63.1 53.4 80.0





#13

Acrolein

Concen: 54.677 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampled :

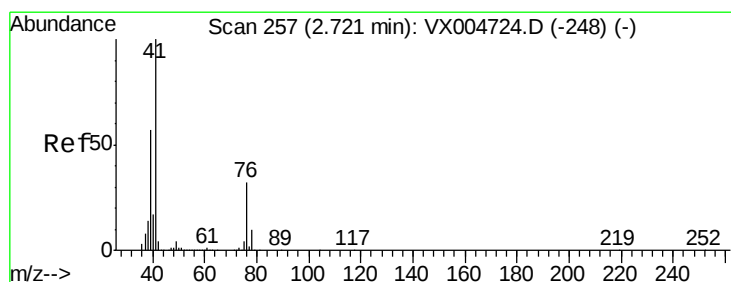
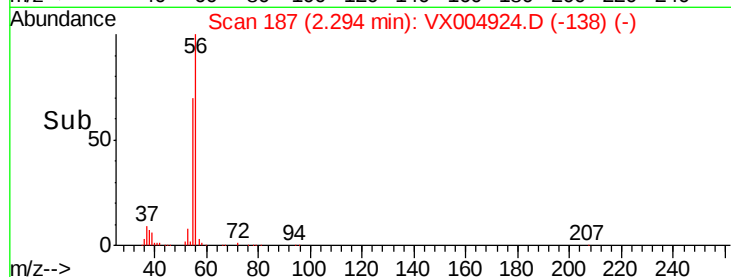
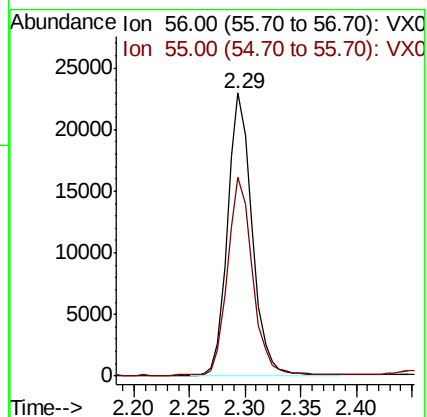
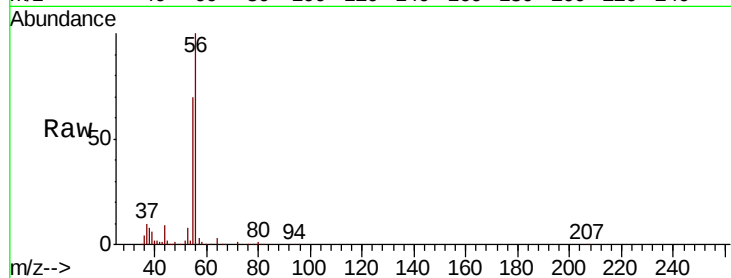
VX1003WBS01

Tot Ion: 56 Resp: 35375

Ion Ratio Lower Upper

56 100

55 69.8 63.4 95.2



#14

Allyl chloride

Concen: 21.467 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

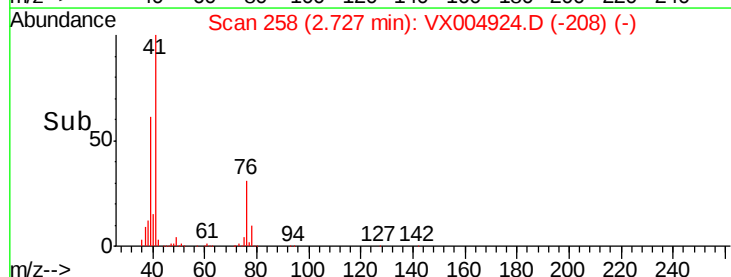
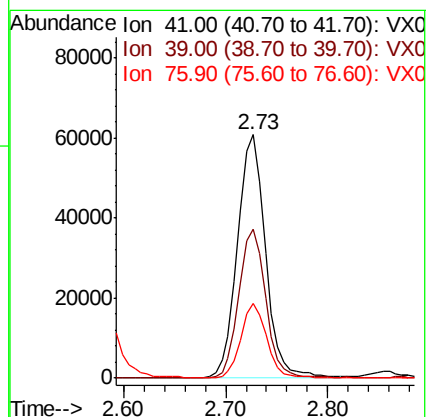
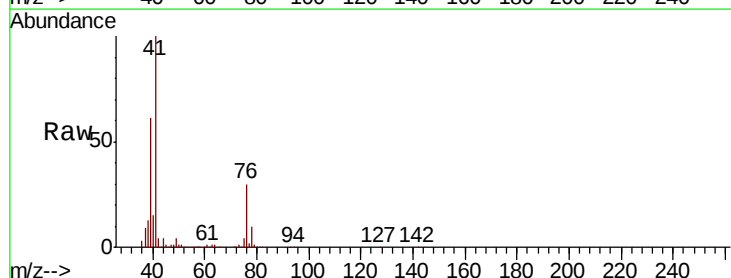
Tgt Ion: 41 Resp: 115540

Ion Ratio Lower Upper

41 100

39 58.6 44.1 66.1

76 28.0 25.0 37.4





#15

Acrylonitrile

Concen: 108.581 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampled :

VX1003WBS01

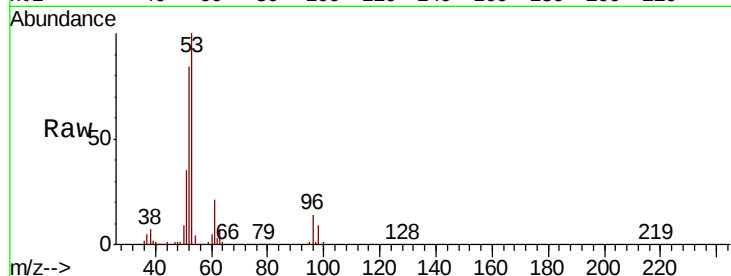
Tot Ion: 53 Resp: 217354

Ion Ratio Lower Upper

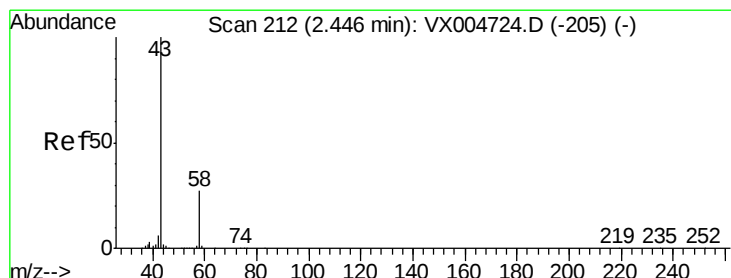
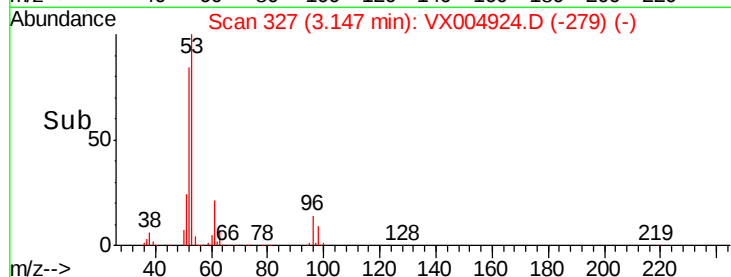
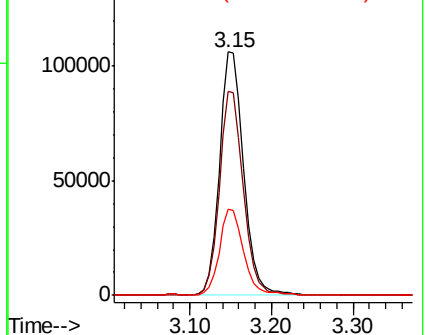
53 100

52 83.0 63.0 94.4

51 35.8 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: 109.884 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004924.D

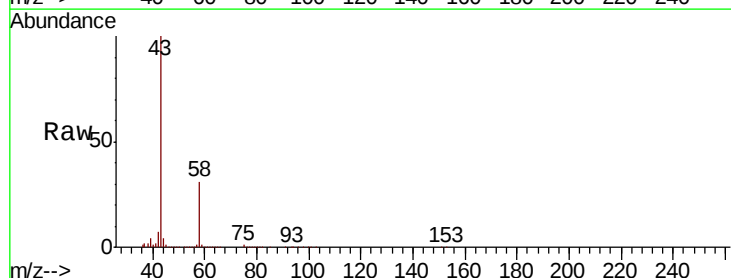
Acq: 02 Oct 2018 17:40

Tgt Ion: 43 Resp: 208632

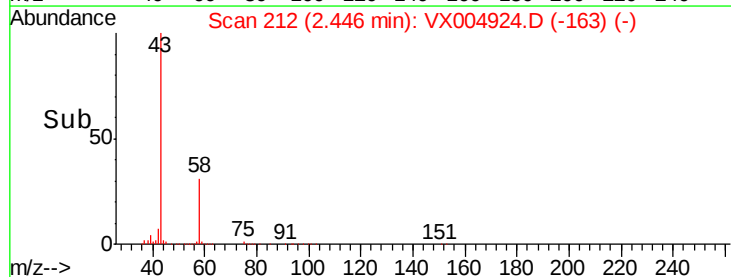
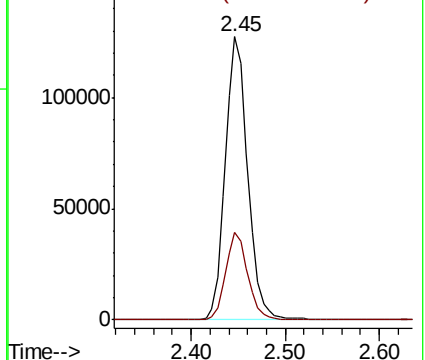
Ion Ratio Lower Upper

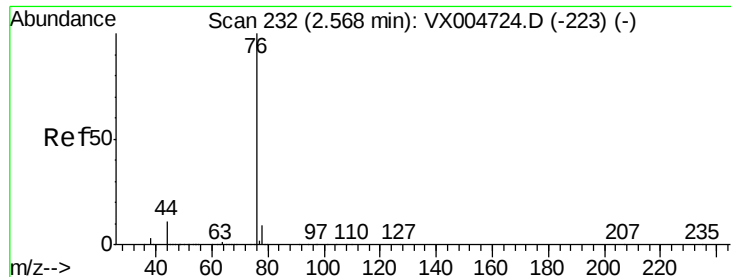
43 100

58 31.0 21.8 32.6



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

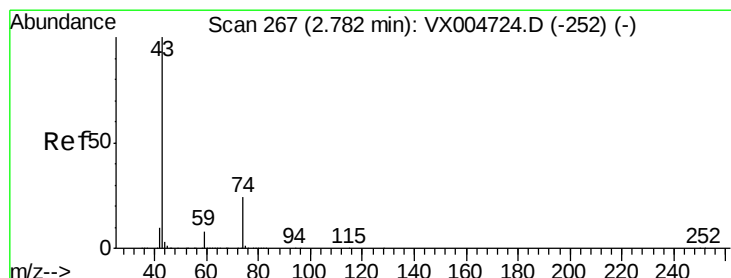
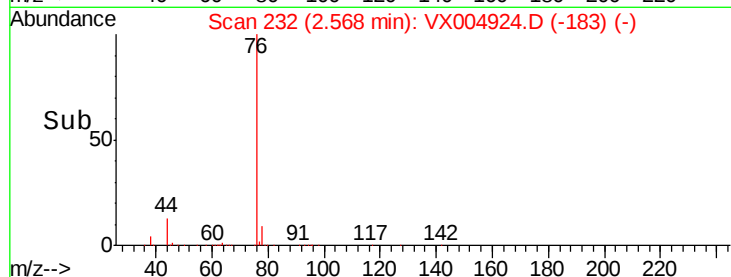
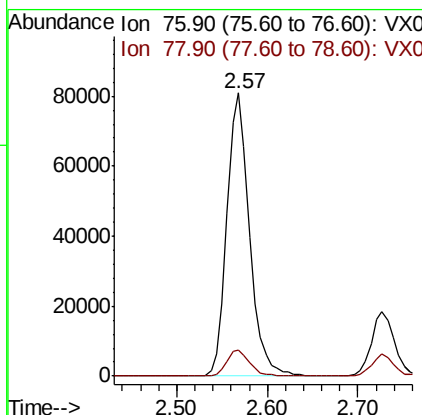
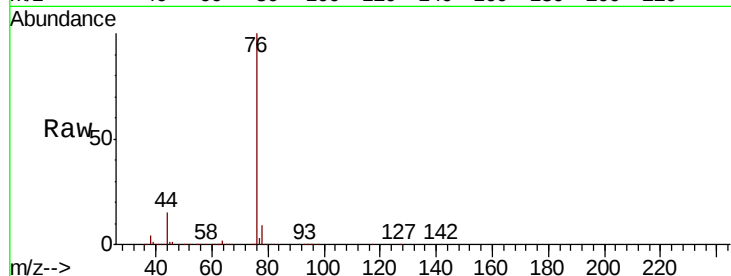




#17
Carbon Disulfide
Concen: 18.868 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

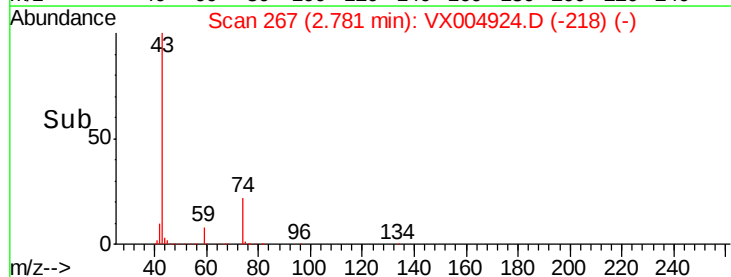
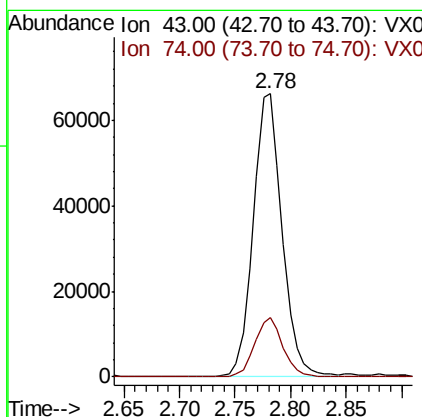
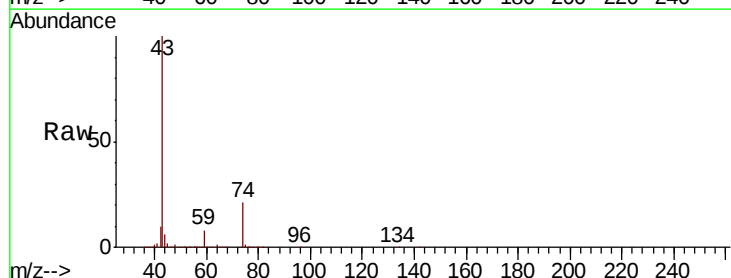
Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

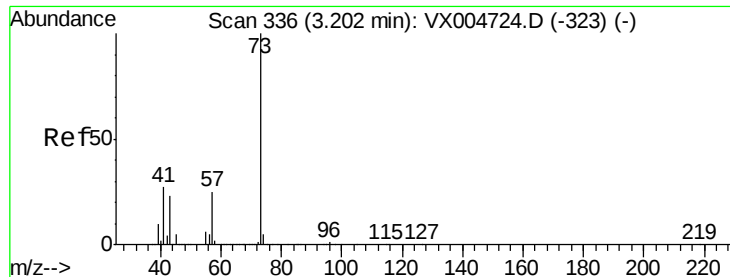
Tot Ion: 76 Resp: 139860
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6



#18
Methyl Acetate
Concen: 24.628 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tgt Ion: 43 Resp: 118471
Ion Ratio Lower Upper
43 100
74 20.4 17.8 26.8

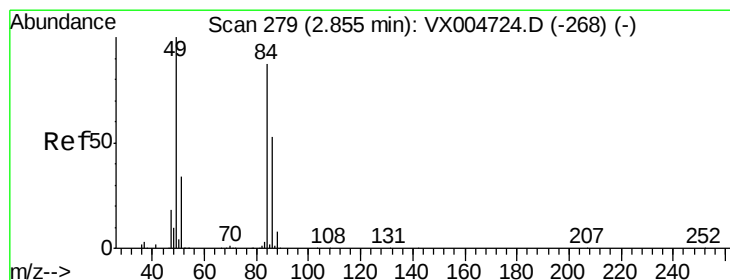
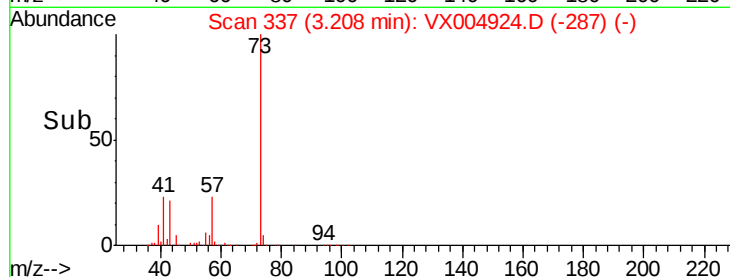
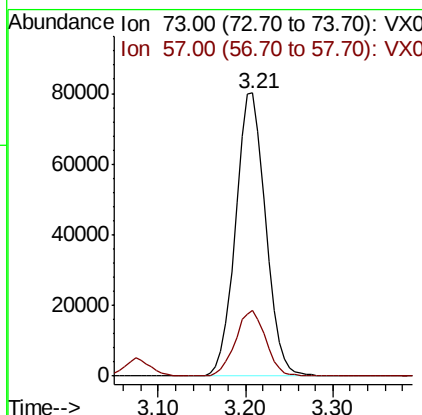
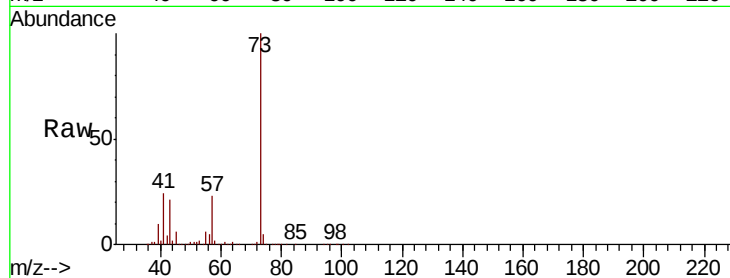




#19
Methyl tert-butyl Ether
Concen: 22.488 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

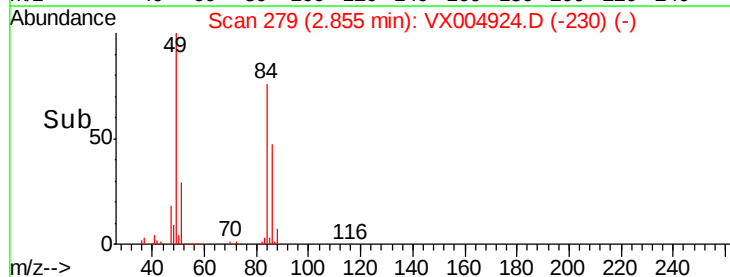
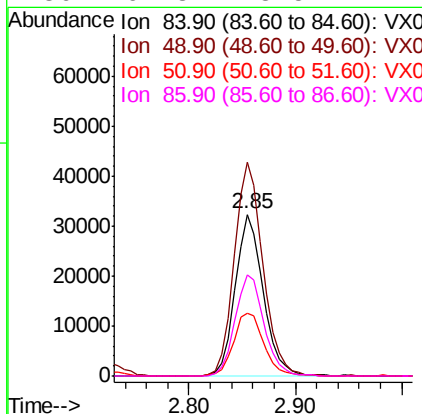
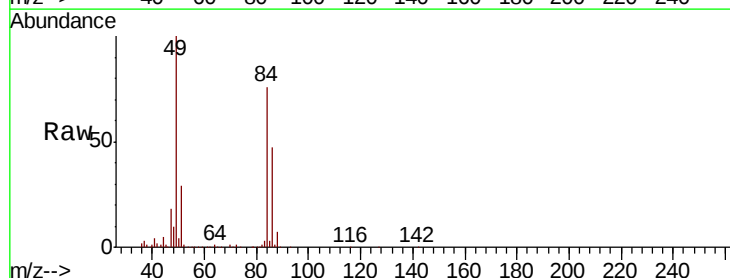
Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

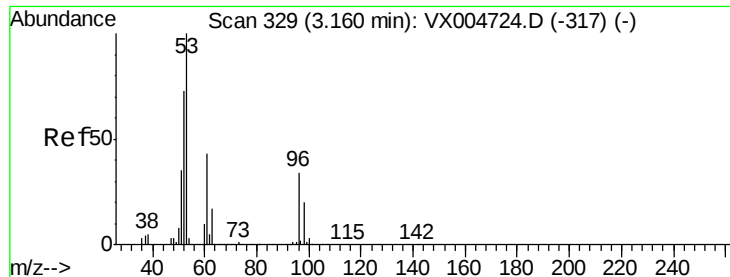
Tot Ion: 73 Resp: 191347
Ion Ratio Lower Upper
73 100
57 23.0 19.9 29.9



#20
Methylene Chloride
Concen: 21.166 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tgt Ion: 84 Resp: 59766
Ion Ratio Lower Upper
84 100
49 132.0 92.3 138.5
51 38.6 31.8 47.6
86 62.3 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 20.059 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampled :

VX1003WBS01

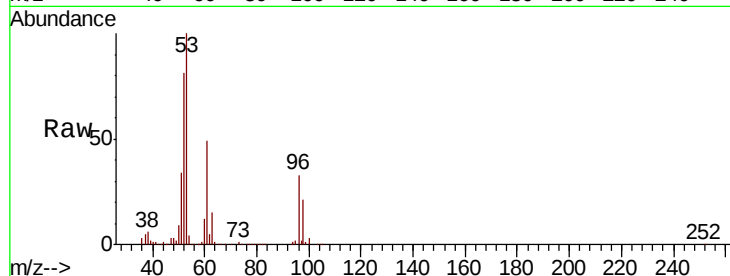
Tot Ion: 96 Resp: 54165

Ion Ratio Lower Upper

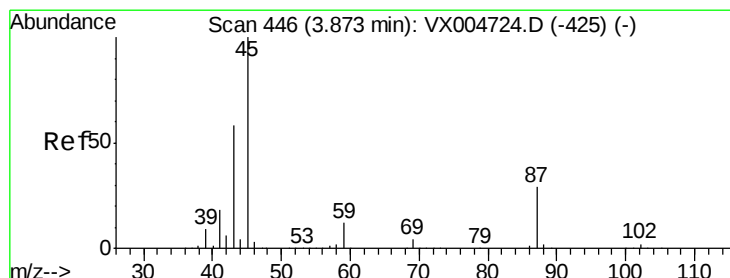
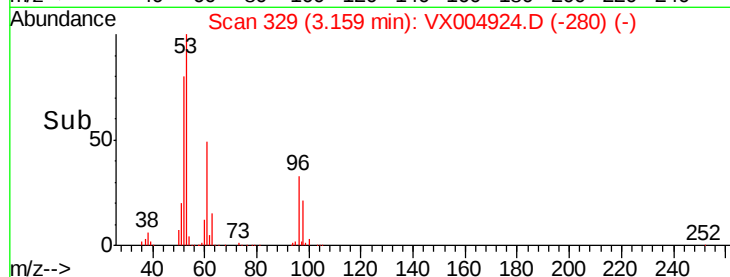
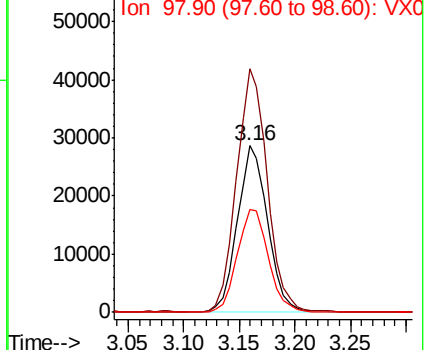
96 100

61 146.1 101.0 151.6

98 61.9 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: 21.322 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Tgt Ion: 45 Resp: 193248

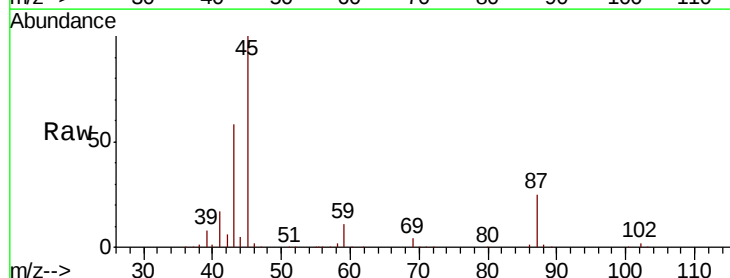
Ion Ratio Lower Upper

45 100

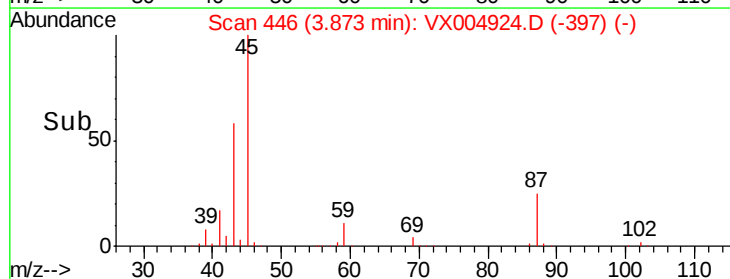
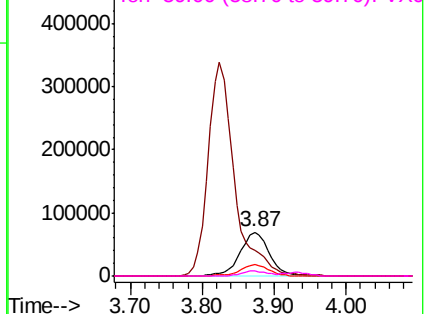
43 57.1 46.7 70.1

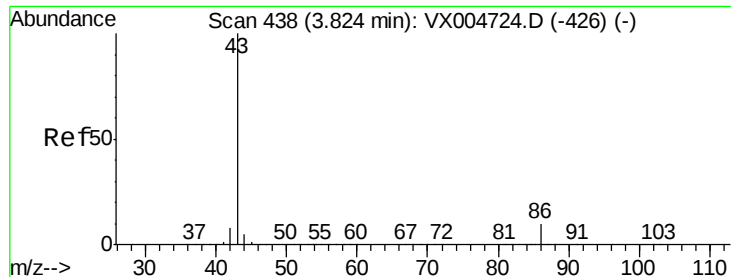
87 25.1 22.9 34.3

59 11.1 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: 104.279 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

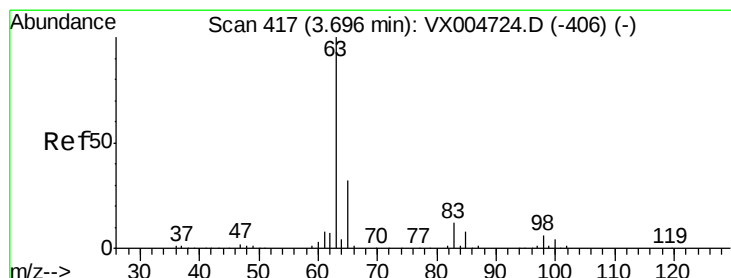
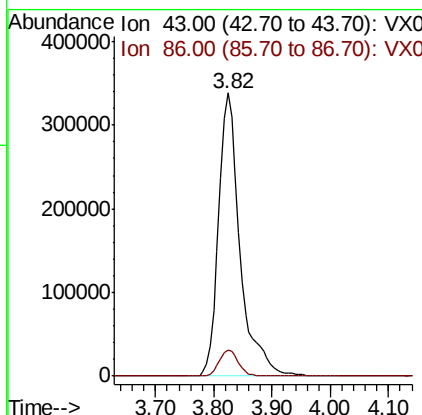
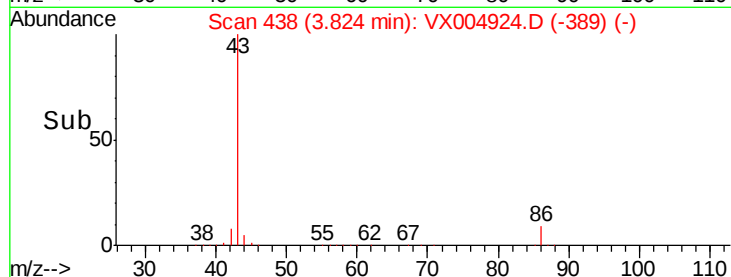
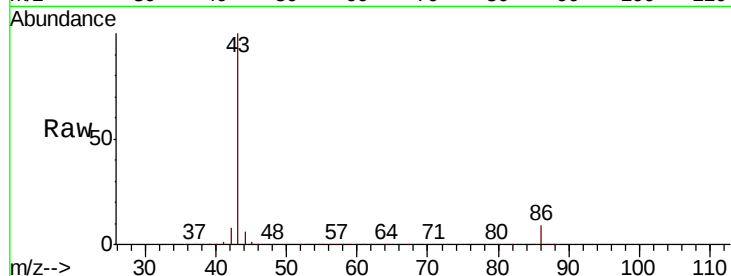
VX1003WBS01

Tot Ion: 43 Resp: 865118

Ion Ratio Lower Upper

43 100

86 9.4 8.1 12.1



#24

1,1-Dichloroethane

Concen: 20.654 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

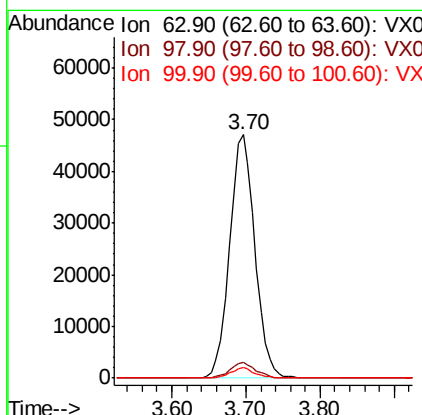
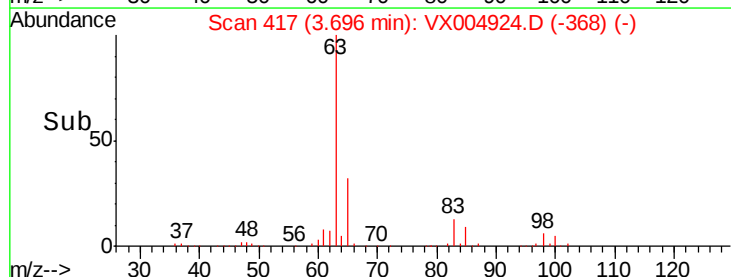
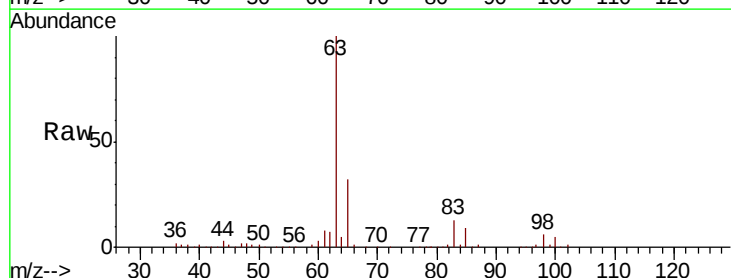
Tgt Ion: 63 Resp: 111665

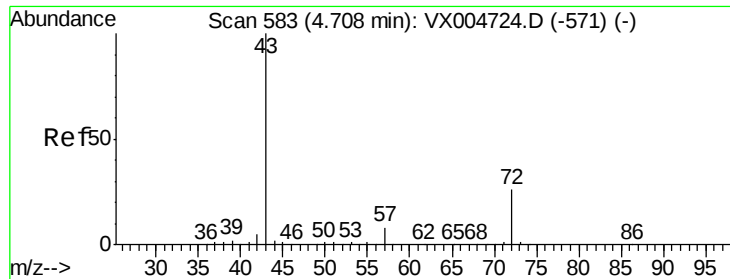
Ion Ratio Lower Upper

63 100

98 6.5 3.0 9.2

100 4.5 2.0 5.8





#25

2-Butanone

Concen: 107.567 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

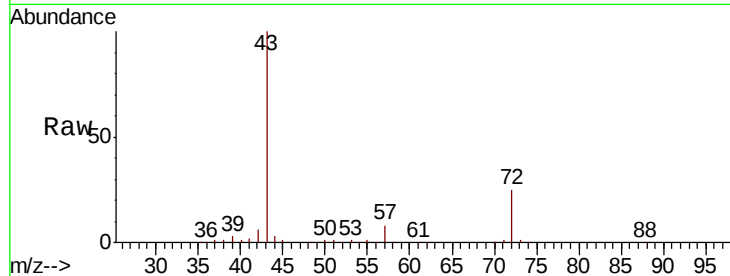
VX1003WBS01

Tot Ion: 43 Resp: 301045

Ion Ratio Lower Upper

43 100

72 24.5 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.71

120000

100000

80000

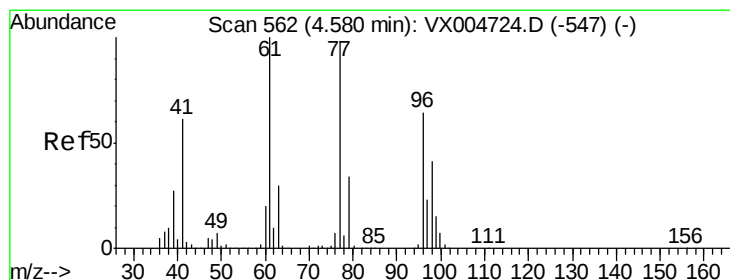
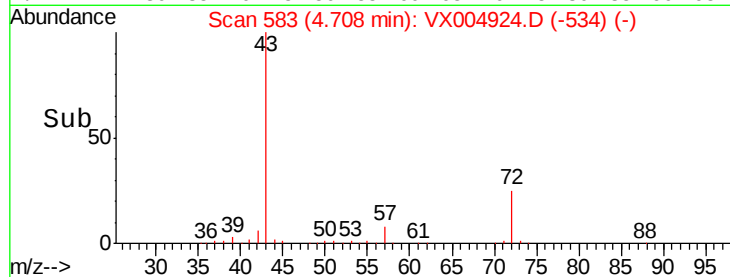
60000

40000

20000

0

Time-->



#26

2,2-Dichloropropane

Concen: 21.037 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004924.D

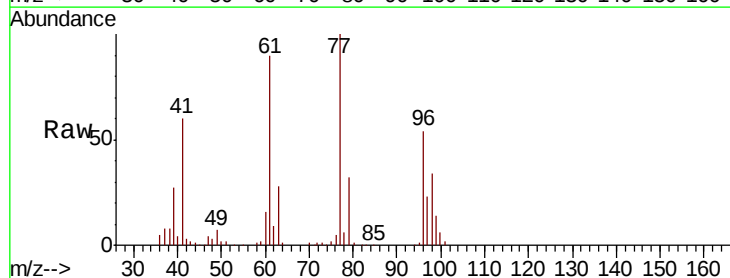
Acq: 02 Oct 2018 17:40

Tgt Ion: 77 Resp: 79199

Ion Ratio Lower Upper

77 100

97 23.7 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.58

30000

25000

20000

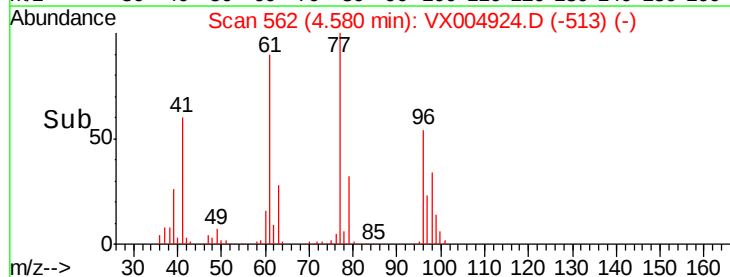
15000

10000

5000

0

Time-->



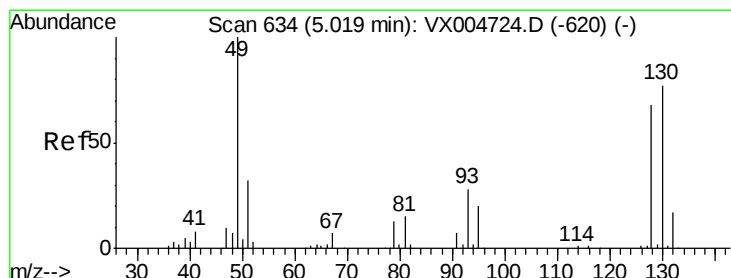
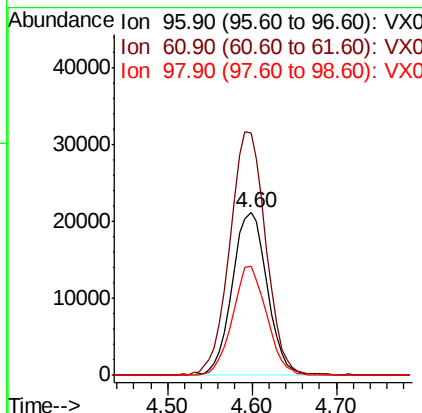
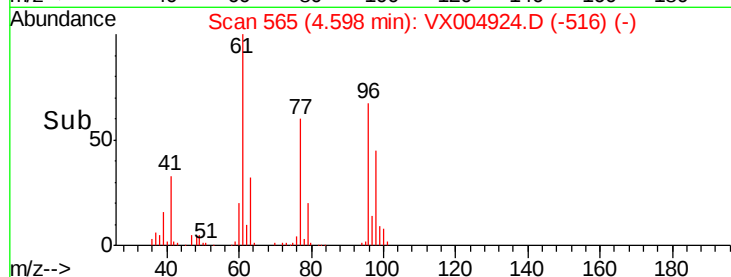
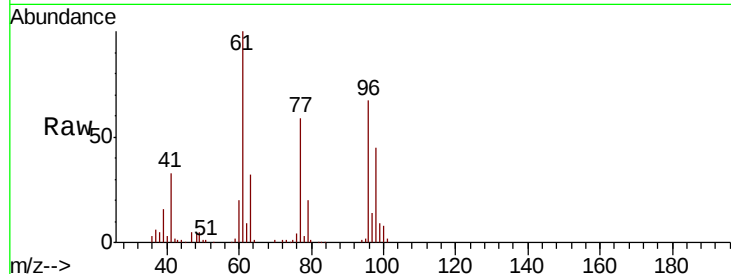


#27

cis-1,2-Dichloroethene
 Concen: 19.683 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

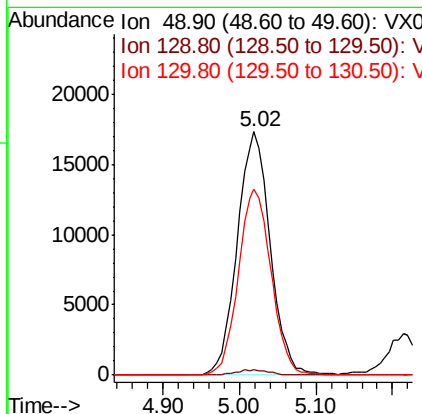
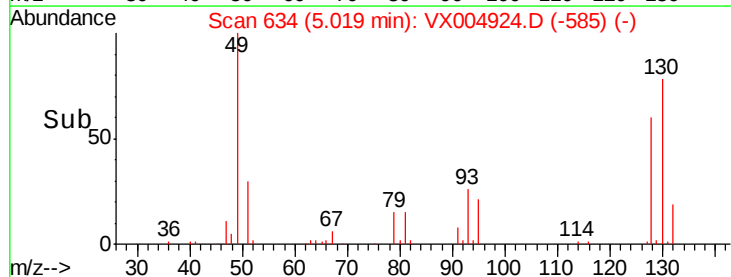
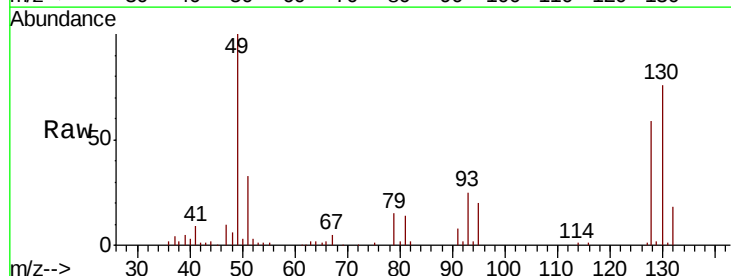
Tot Ion	Ratio	Lower	Upper
96	100		
61	155.3	0.0	285.8
98	65.2	0.0	136.2



#28

Bromochloromethane
 Concen: 20.377 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	75.6	62.0	93.0





#29

Tetrahydrofuran

Concen: 110.368 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

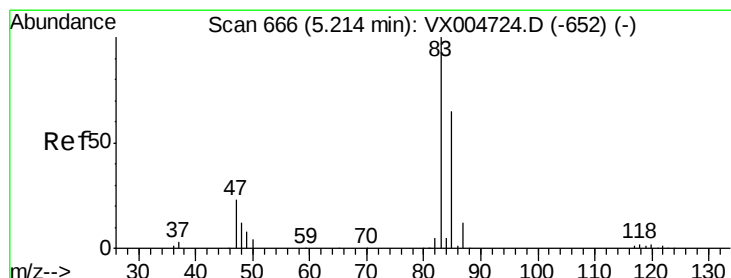
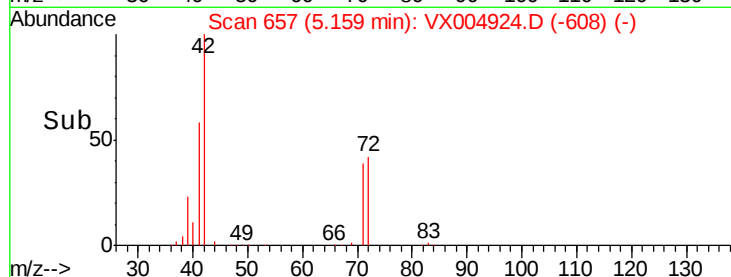
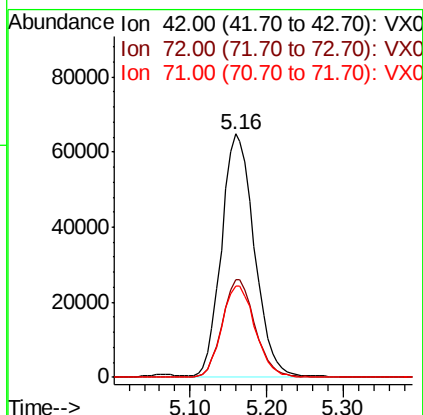
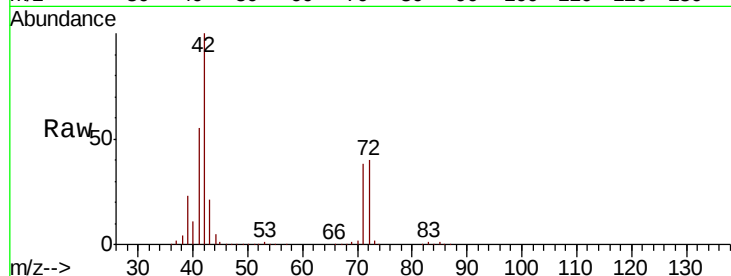
Tot Ion: 42 Resp: 191982

Ion Ratio Lower Upper

42 100

72 40.3 33.7 50.5

71 38.4 32.2 48.4



#30

Chloroform

Concen: 20.070 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX004924.D

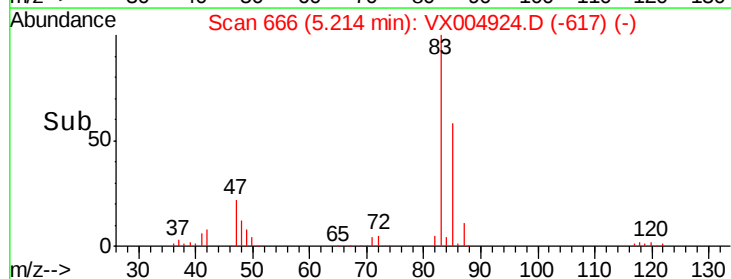
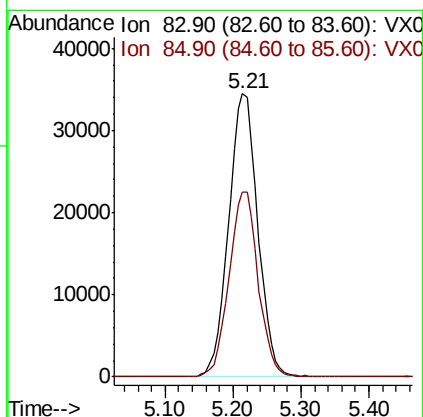
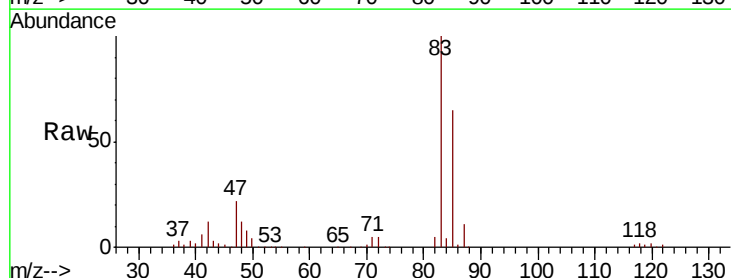
Acq: 02 Oct 2018 17:40

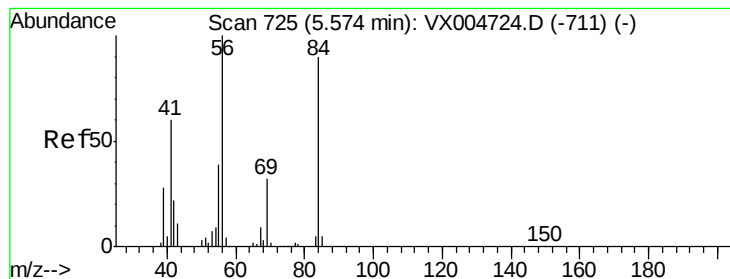
Tgt Ion: 83 Resp: 102548

Ion Ratio Lower Upper

83 100

85 65.2 52.4 78.6





#31

Cyclohexane

Concen: 21.127 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

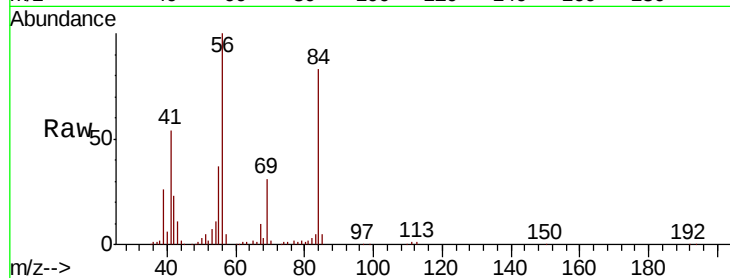
Tot Ion: 56 Resp: 87422

Ion Ratio Lower Upper

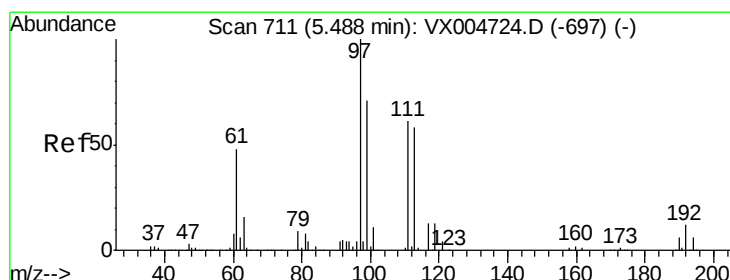
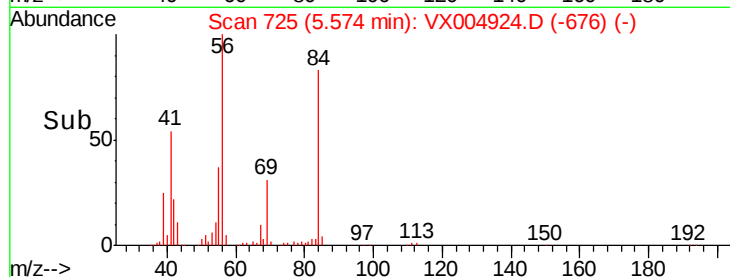
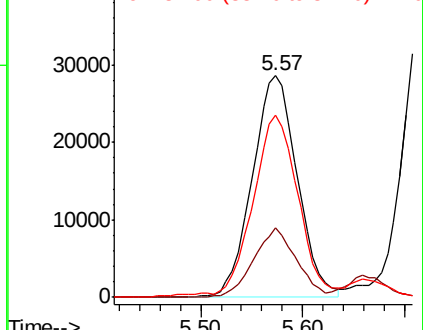
56 100

69 31.1 25.9 38.9

84 81.3 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: 20.466 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

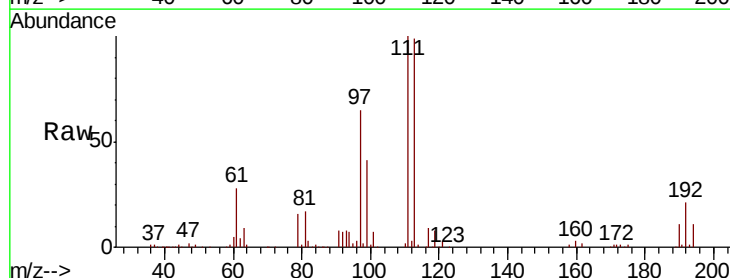
Tgt Ion: 97 Resp: 85401

Ion Ratio Lower Upper

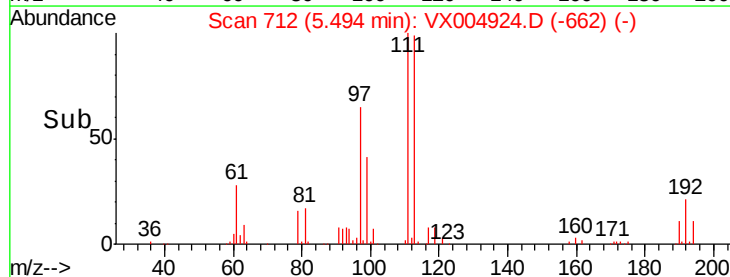
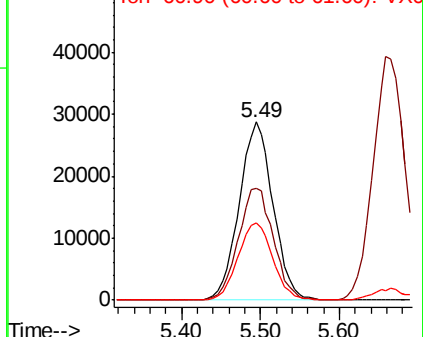
97 100

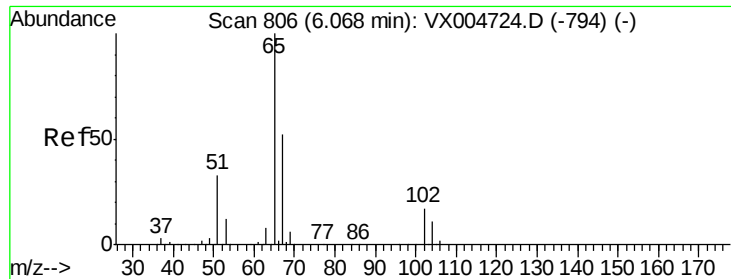
99 65.3 54.6 82.0

61 44.9 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

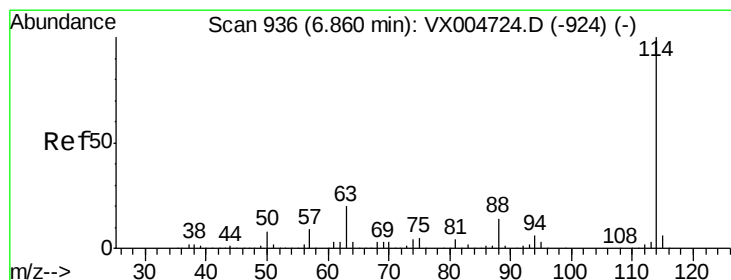
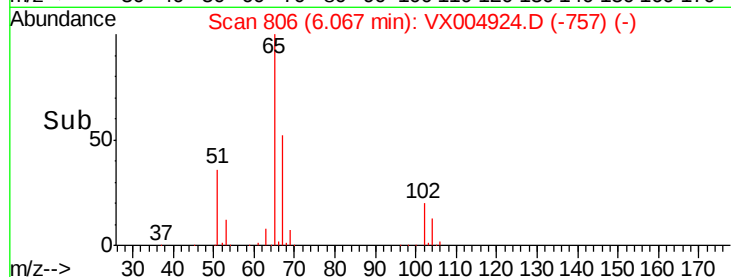
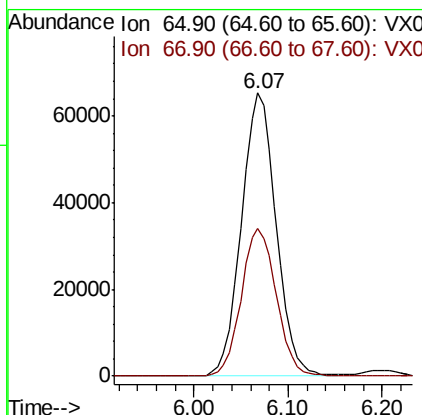
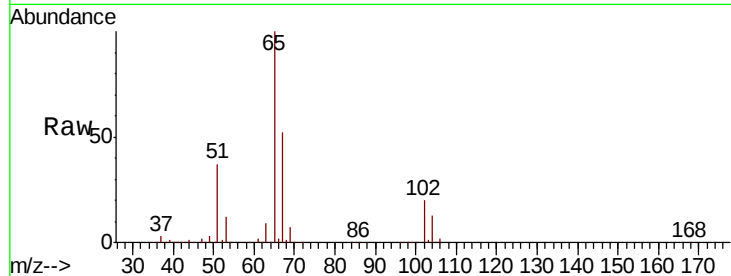




#33
 1,2-Dichloroethane-d4
 Concen: 51.679 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

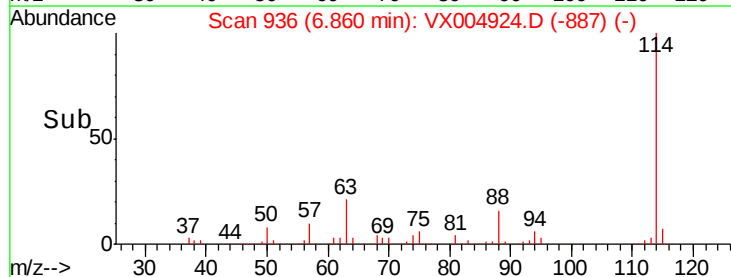
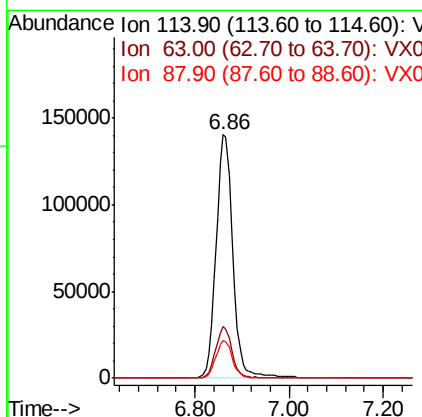
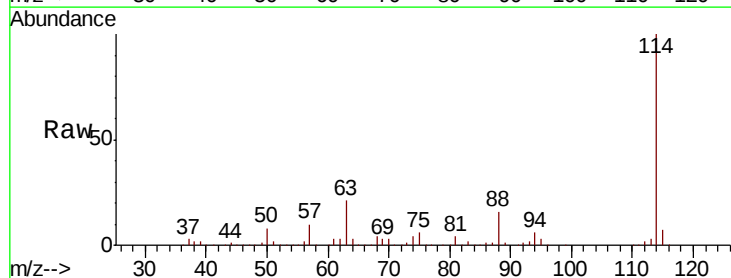
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

Tot Ion: 65 Resp: 168067
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Tgt Ion: 114 Resp: 347178
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 39.8
 88 15.7 0.0 27.0





#35

Dibromofluoromethane

Concen: 46.308 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

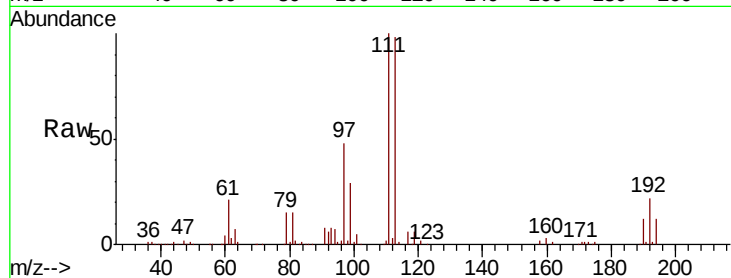
Tot Ion:113 Resp: 136255

Ion Ratio Lower Upper

113 100

111 101.5 77.0 115.4

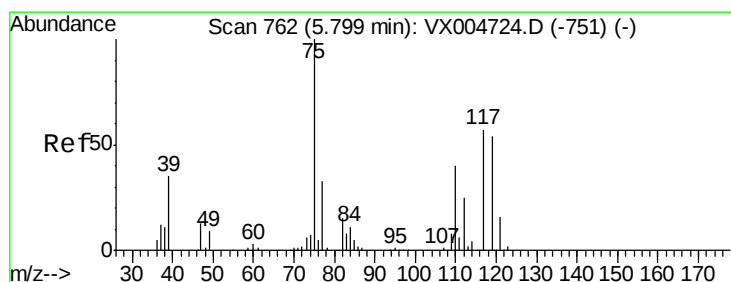
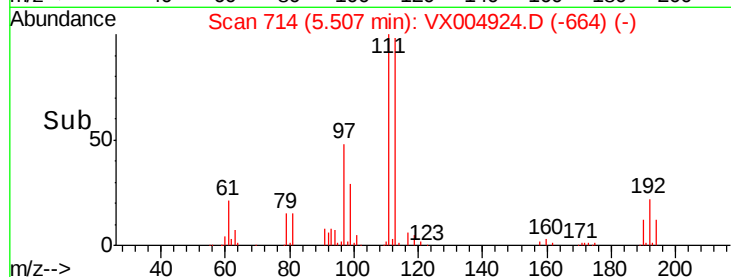
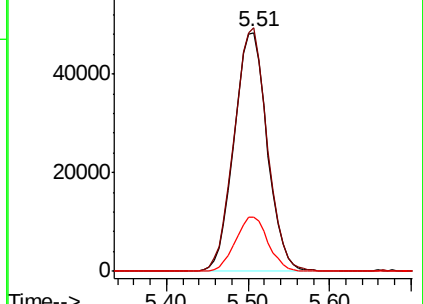
192 22.8 17.0 25.6



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: 18.154 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

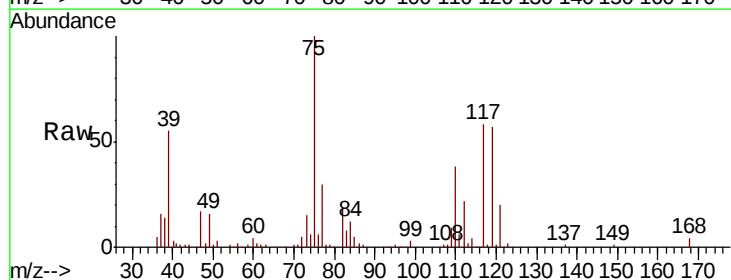
Tgt Ion: 75 Resp: 72881

Ion Ratio Lower Upper

75 100

110 35.8 20.0 59.9

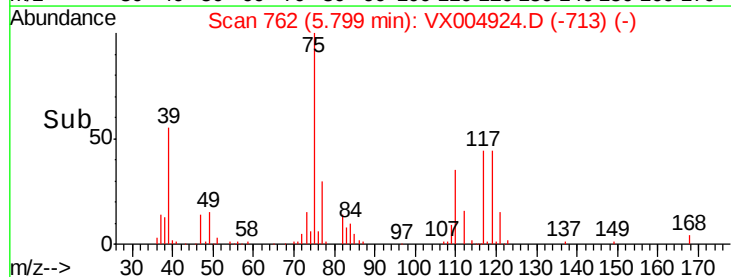
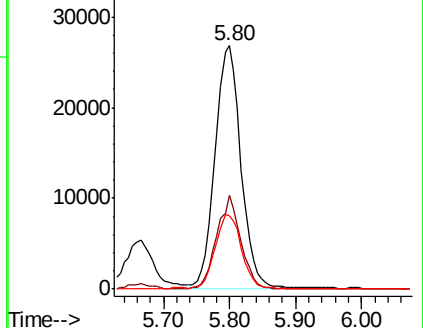
77 31.3 27.1 40.7

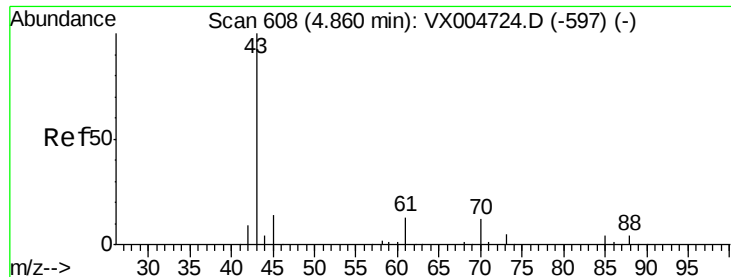


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

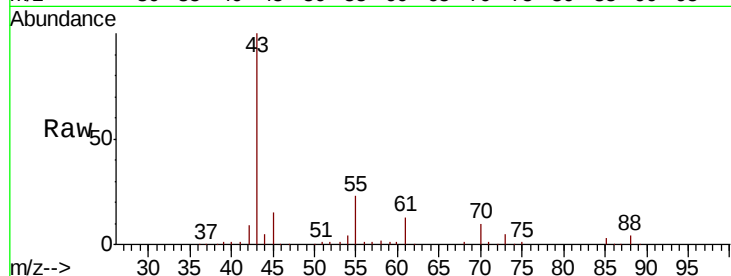




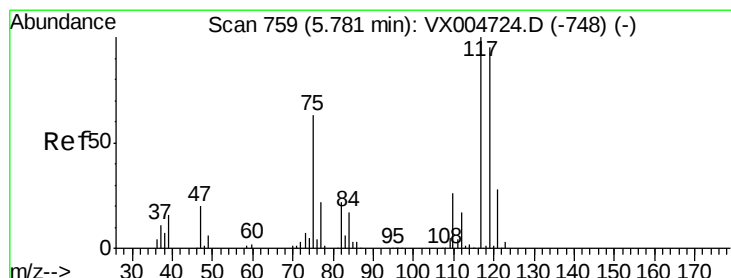
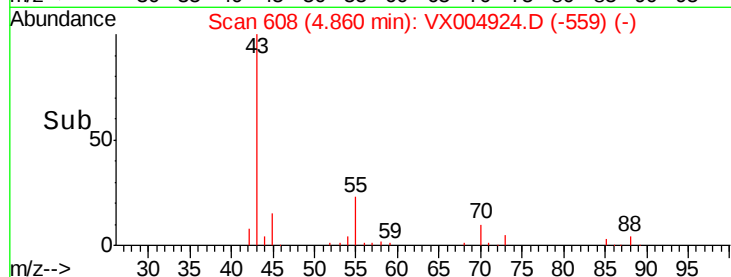
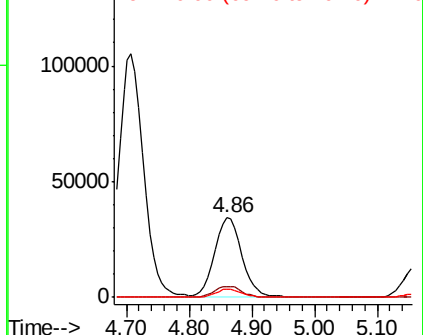
#37
Ethyl Acetate
Concen: 19.538 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Instrument :
MSVOA_X
ClientSampled :
VX1003WBS01

Tot Ion: 43 Resp: 104118
Ion Ratio Lower Upper
43 100
61 13.7 10.4 15.6
70 10.0 8.7 13.1

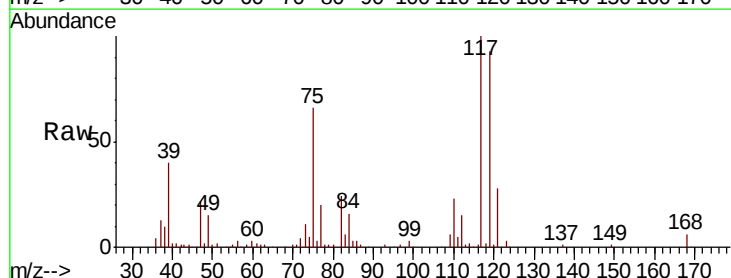


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

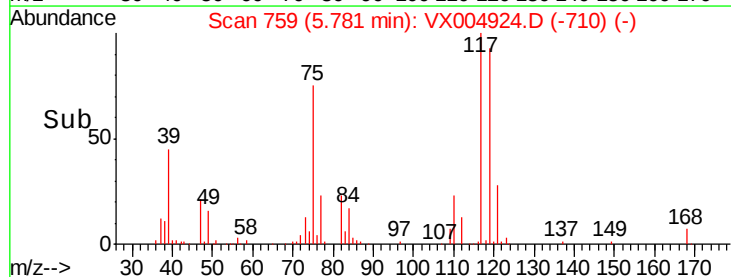
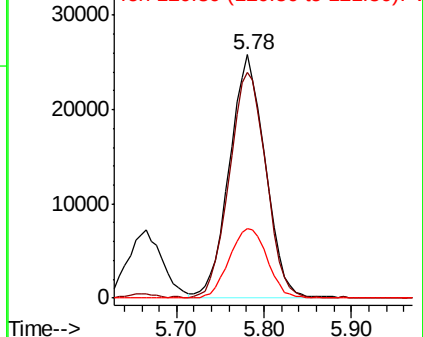


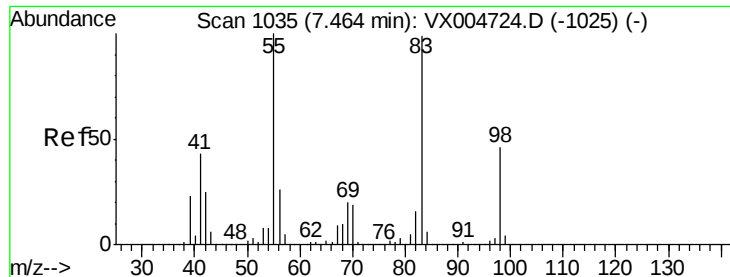
#38
Carbon Tetrachloride
Concen: 17.313 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tgt Ion: 117 Resp: 73062
Ion Ratio Lower Upper
117 100
119 92.7 75.2 112.8
121 28.5 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

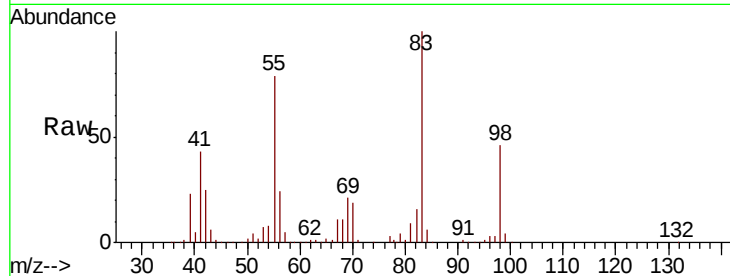




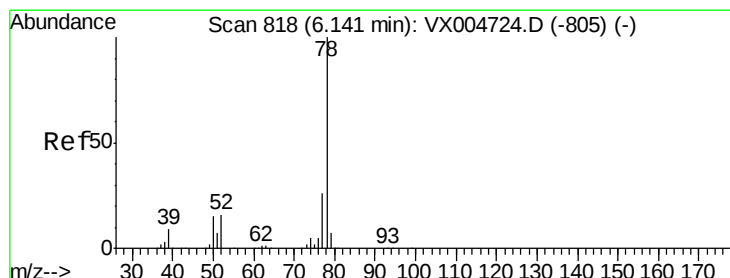
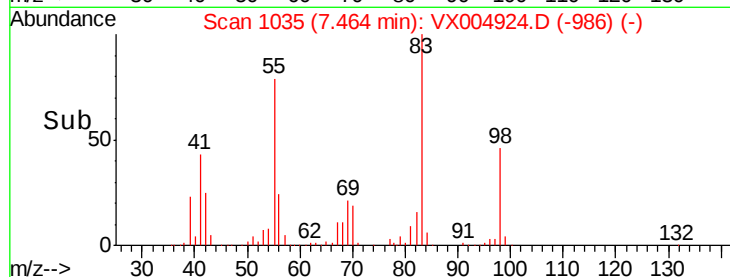
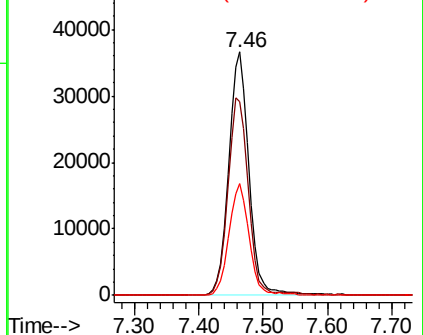
#39
Methvlcvclohexane
Concen: 19.866 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion: 83 Resp: 81435
Ion Ratio Lower Upper
83 100
55 79.3 81.1 121.7#
98 46.1 37.3 55.9

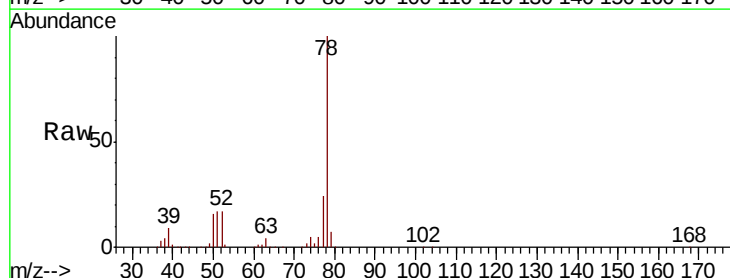


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

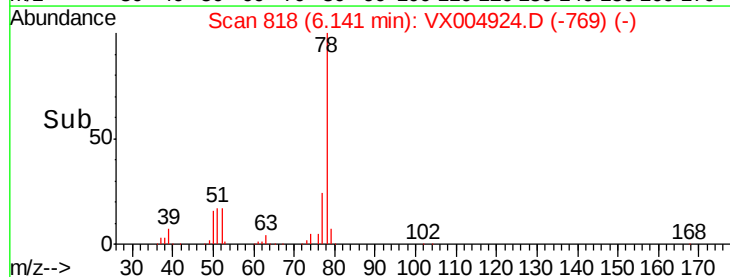
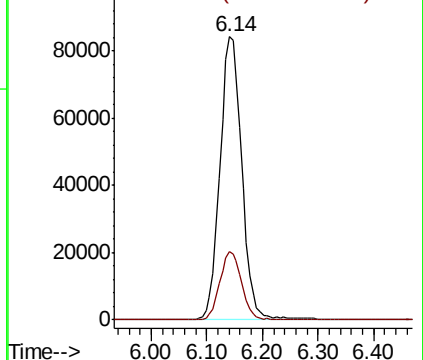


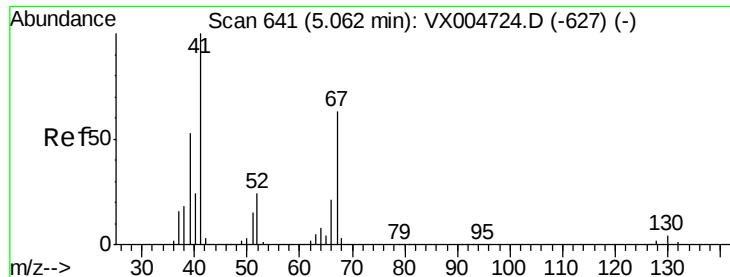
#40
Benzene
Concen: 18.277 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tgt Ion: 78 Resp: 229712
Ion Ratio Lower Upper
78 100
77 24.2 21.0 31.4



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 19.510 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampled :

VX1003WBS01

Tot Ion: 41 Resp: 57657

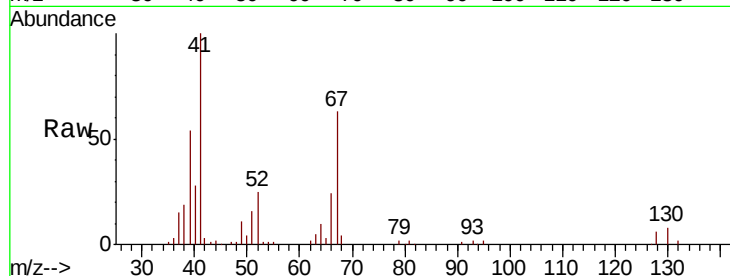
Ion Ratio Lower Upper

41 100

39 53.2 42.5 63.7

67 68.4 53.0 79.6

52 27.6 19.8 29.8

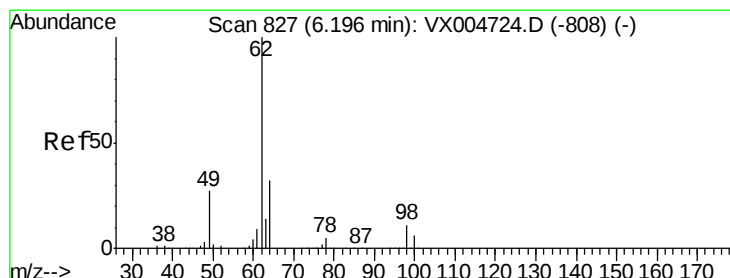
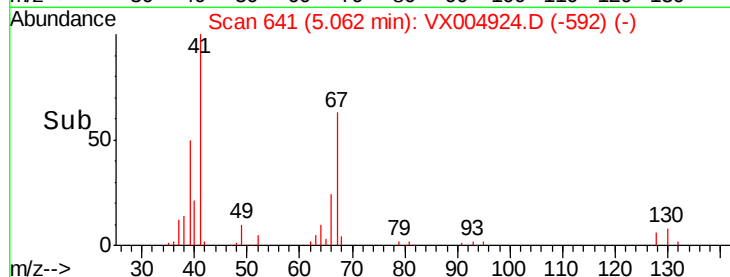
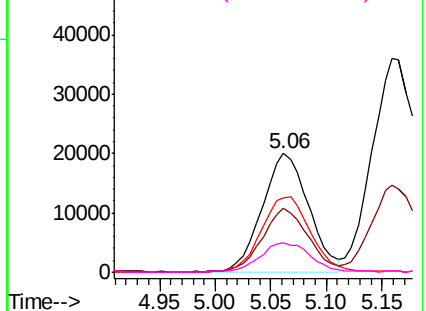


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 18.518 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX004924.D

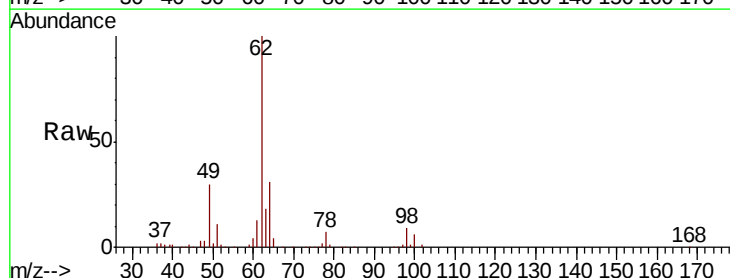
Acq: 02 Oct 2018 17:40

Tgt Ion: 62 Resp: 82273

Ion Ratio Lower Upper

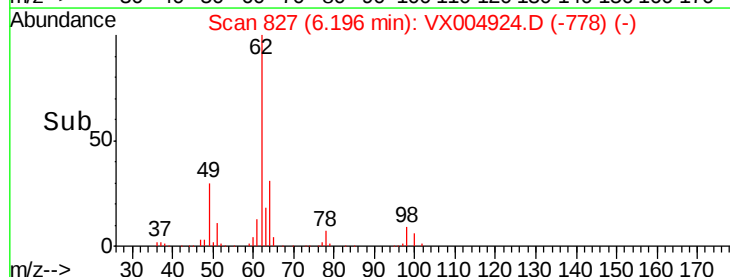
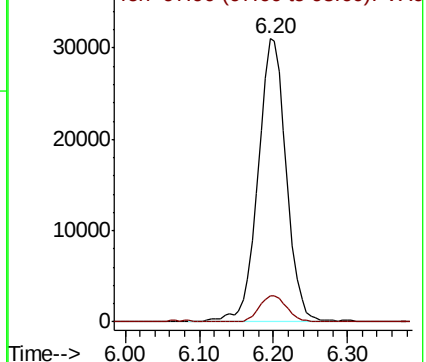
62 100

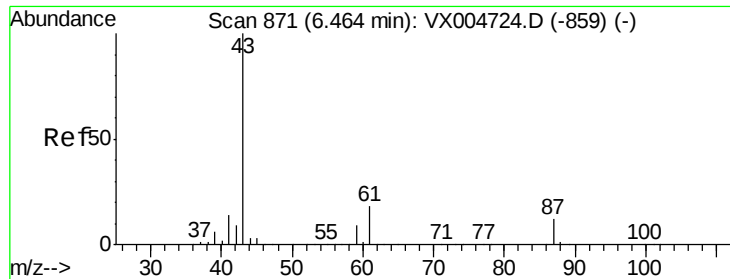
98 9.1 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 19.037 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

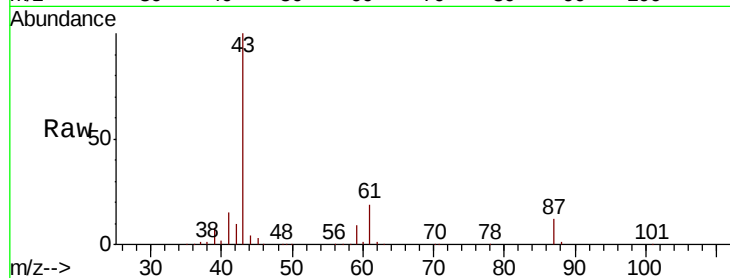
Tot Ion: 43 Resp: 146422

Ion Ratio Lower Upper

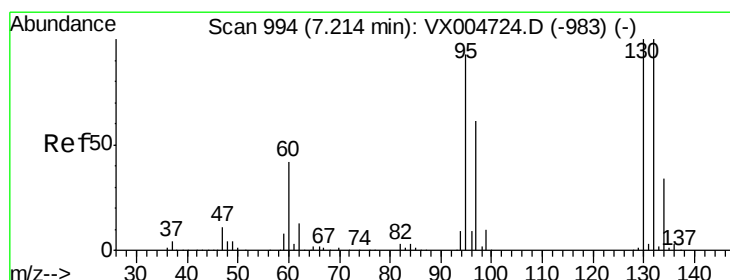
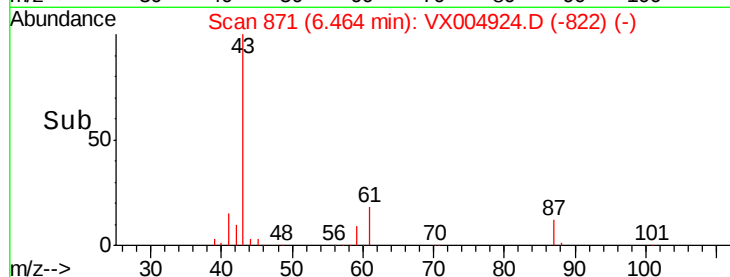
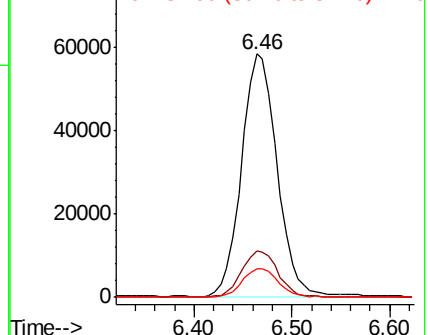
43 100

61 19.7 14.2 21.4

87 12.3 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: 19.246 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004924.D

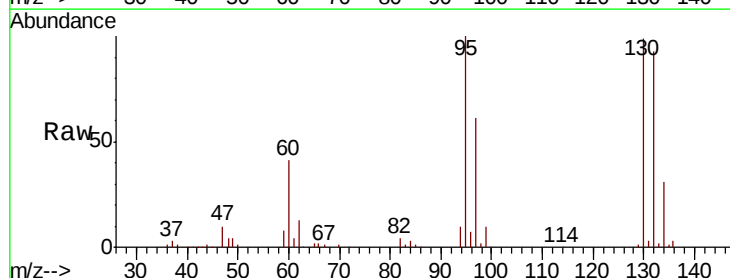
Acq: 02 Oct 2018 17:40

Tgt Ion:130 Resp: 59463

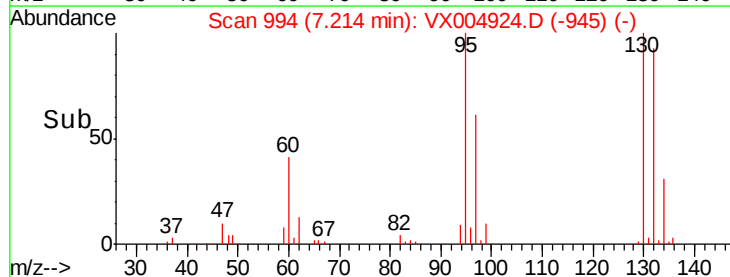
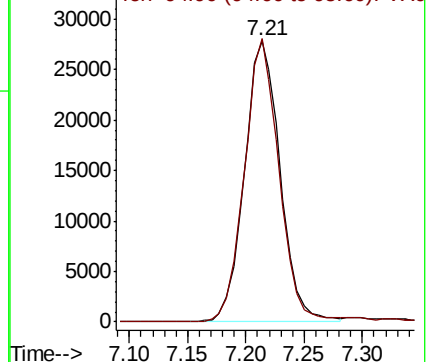
Ion Ratio Lower Upper

130 100

95 100.7 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: 20.212 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

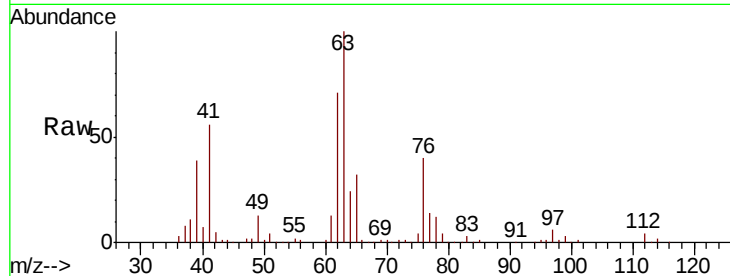
VX1003WBS01

Tot Ion: 63 Resp: 62297

Ion Ratio Lower Upper

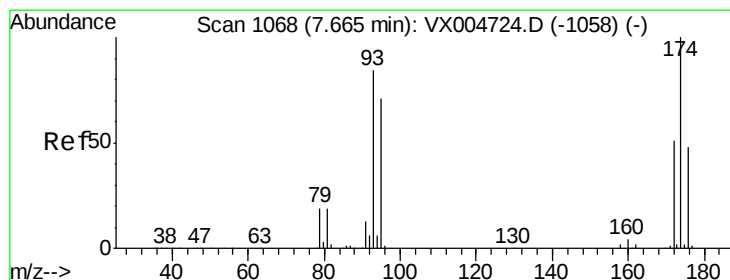
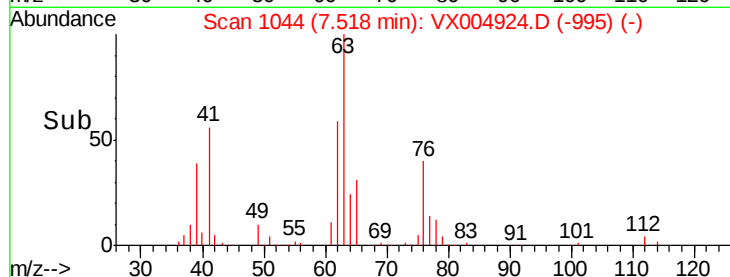
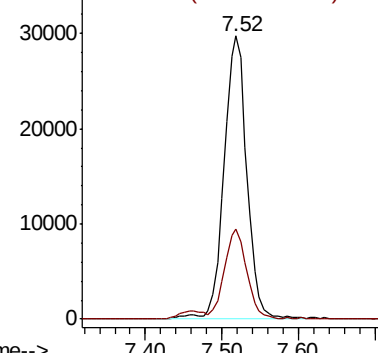
63 100

65 31.8 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.031 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

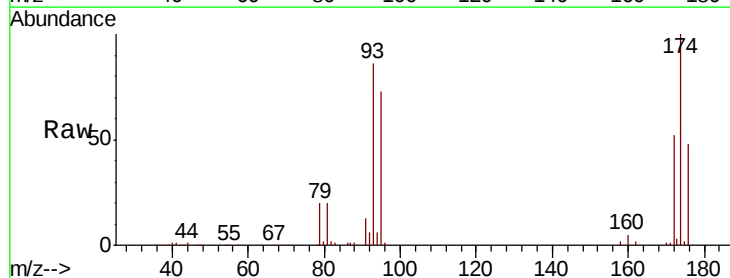
Tgt Ion: 93 Resp: 38799

Ion Ratio Lower Upper

93 100

95 84.1 66.7 100.1

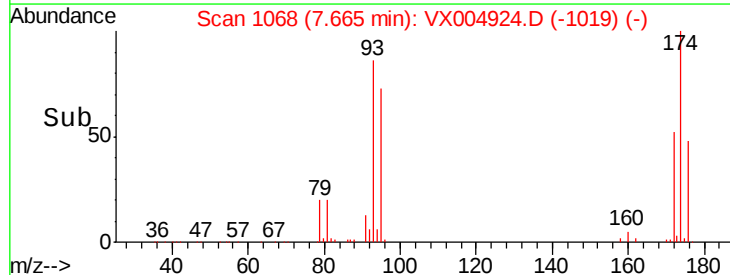
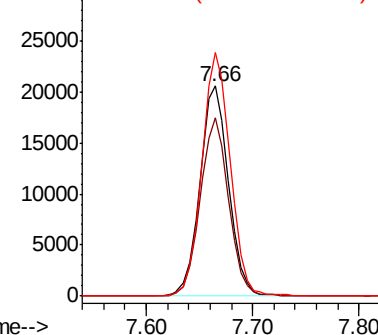
174 115.1 92.7 139.1

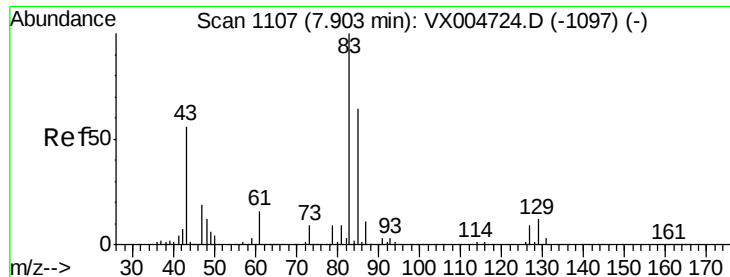


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.618 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

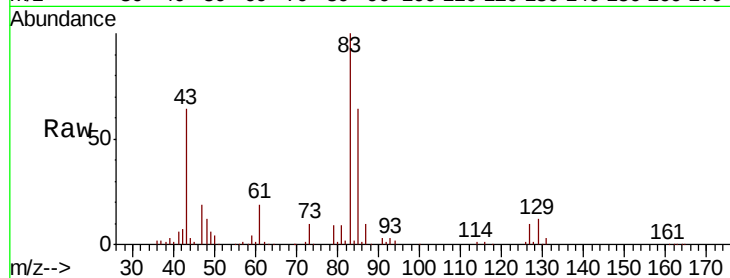
Tot Ion: 83 Resp: 74773

Ion Ratio Lower Upper

83 100

85 63.8 51.2 76.8

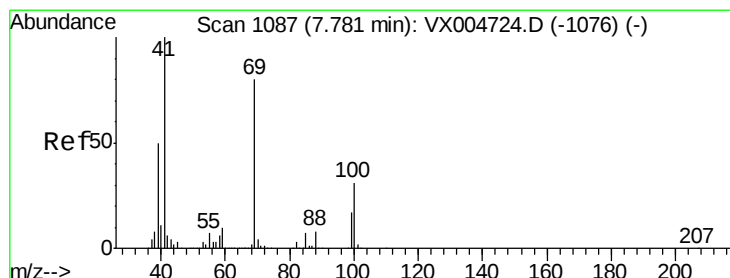
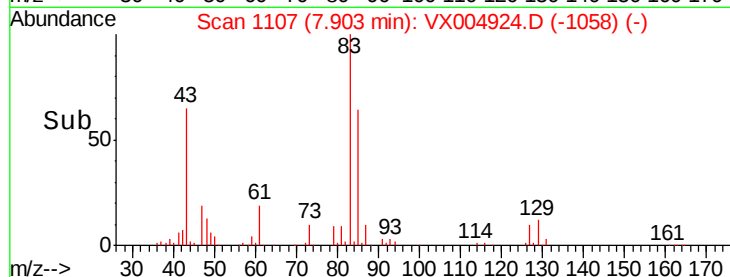
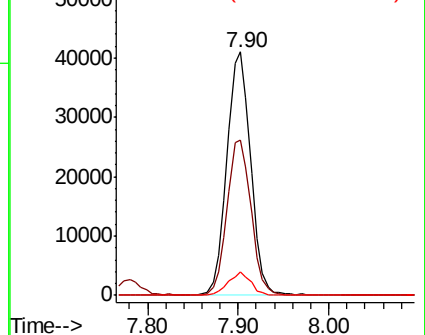
127 9.7 7.0 10.6



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: 22.112 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

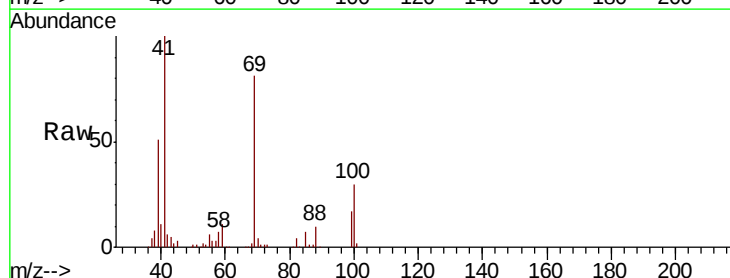
Tgt Ion: 41 Resp: 77193

Ion Ratio Lower Upper

41 100

69 79.8 63.8 95.6

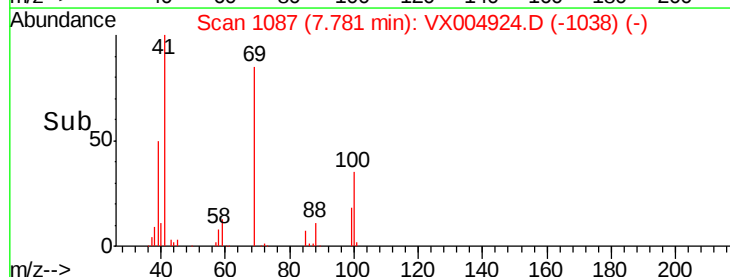
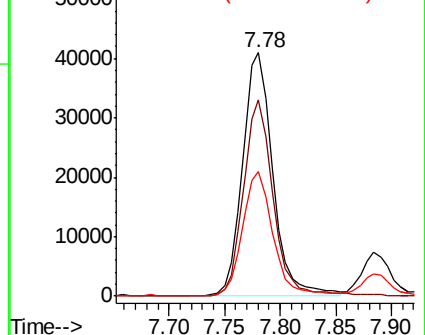
39 50.6 40.7 61.1

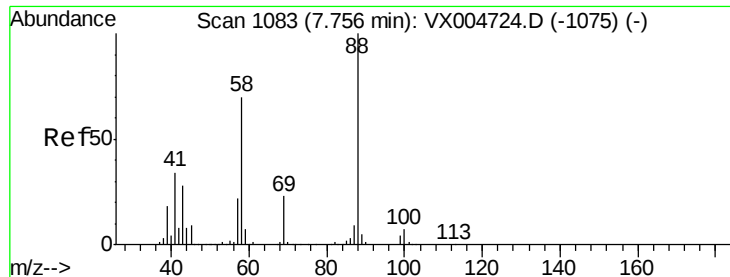


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

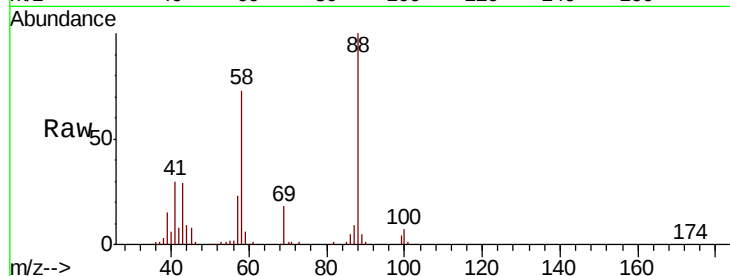




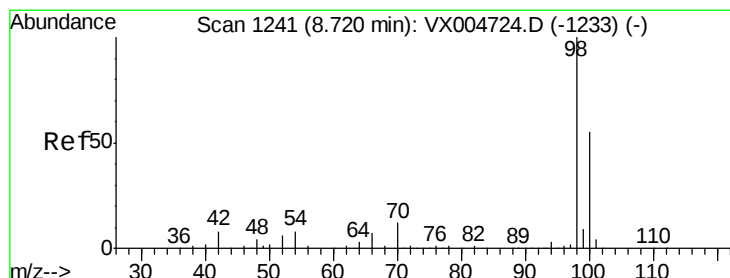
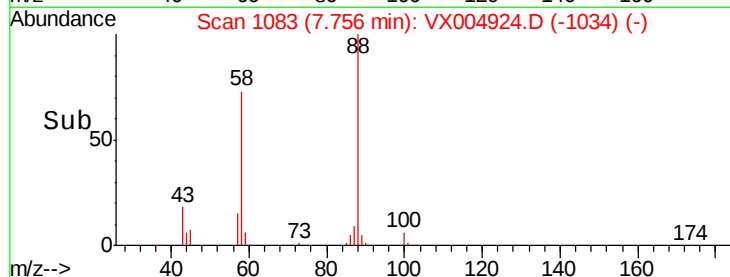
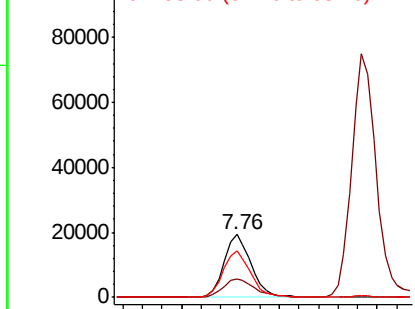
#49
1,4-Dioxane
Concen: 428.397 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Instrument :
MSVOA_X
ClientSampled :
VX1003WBS01

Tot Ion: 88 Resp: 37155
Ion Ratio Lower Upper
88 100
43 33.5 25.1 37.7
58 76.0 56.2 84.2

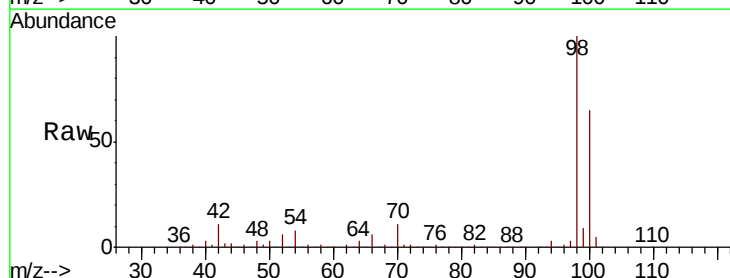


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

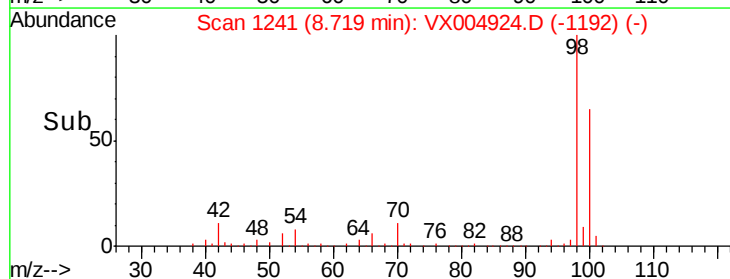
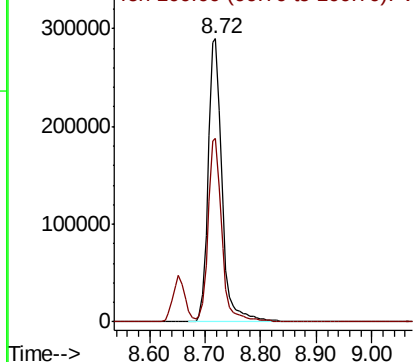


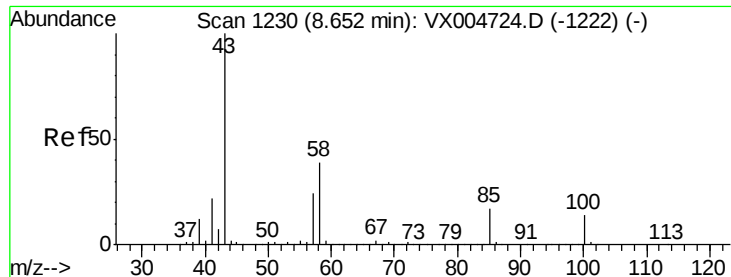
#50
Toluene-d8
Concen: 52.077 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tgt Ion: 98 Resp: 509416
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

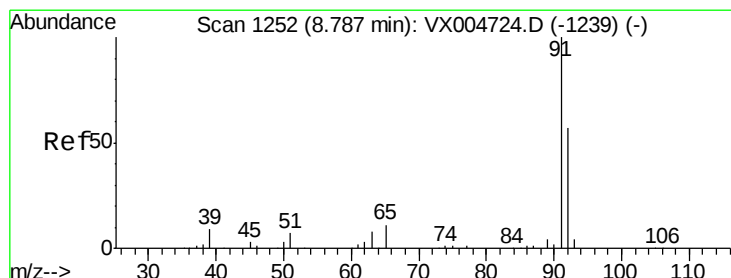
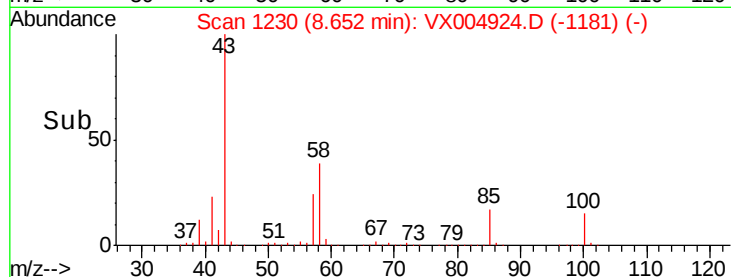
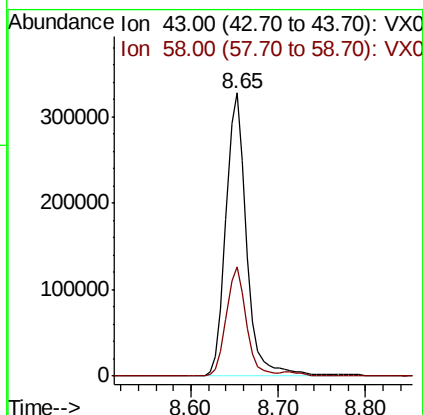
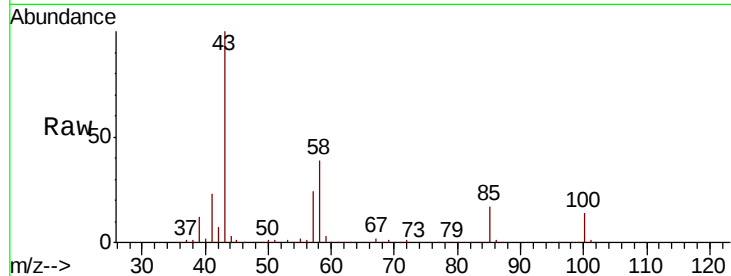




#51
4-Methyl-2-Pentanone
Concen: 111.073 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

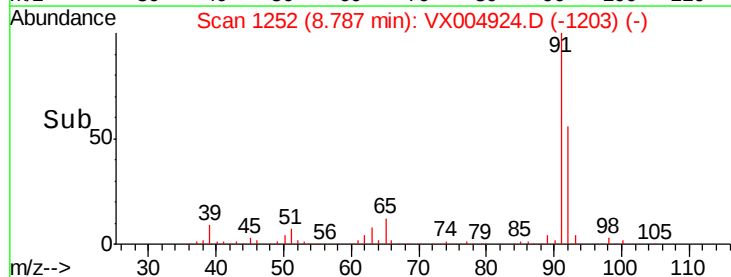
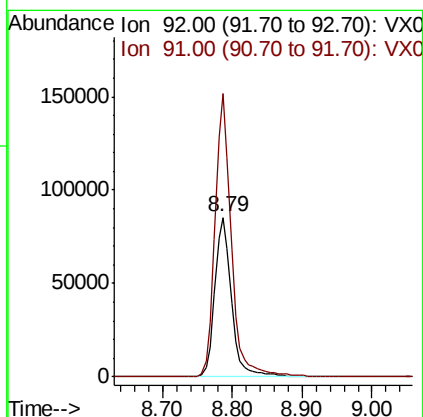
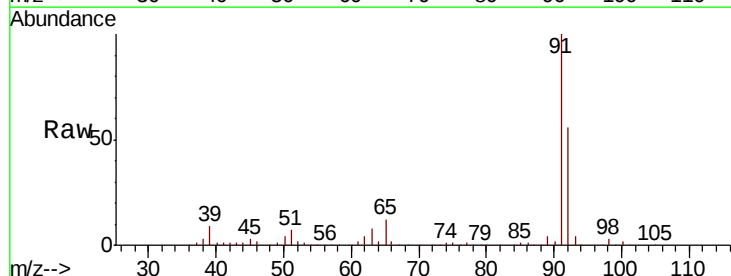
Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

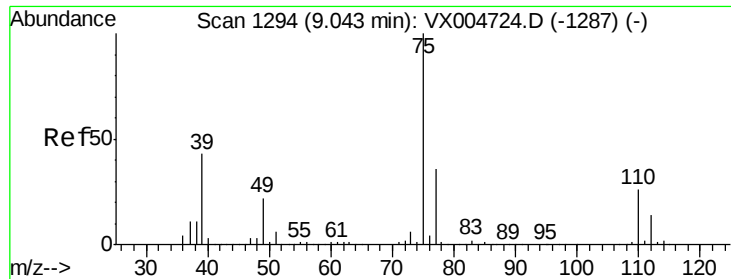
Tot Ion: 43 Resp: 537911
Ion Ratio Lower Upper
43 100
58 37.4 30.5 45.7



#52
Toluene
Concen: 20.604 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tgt Ion: 92 Resp: 142293
Ion Ratio Lower Upper
92 100
91 173.1 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 19.993 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

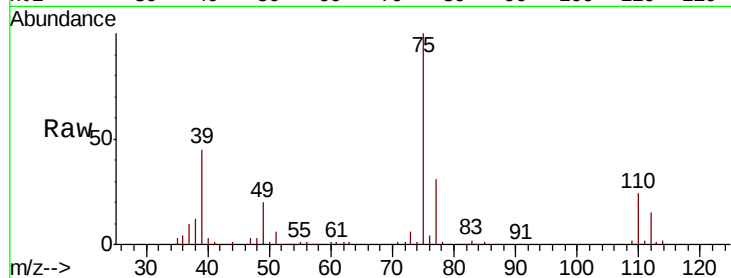
VX1003WBS01

Tot Ion: 75 Resp: 81935

Ion Ratio Lower Upper

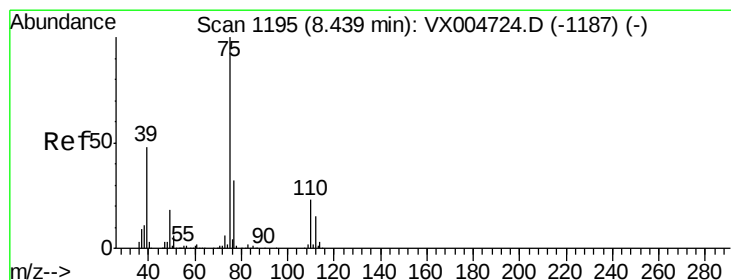
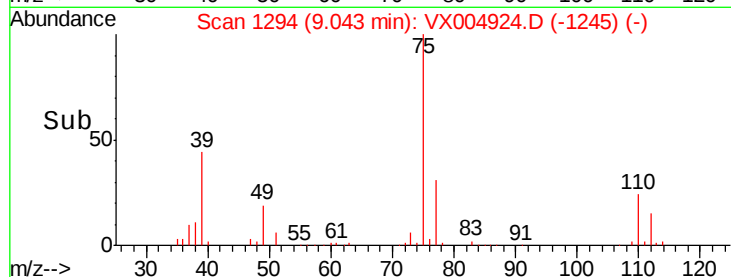
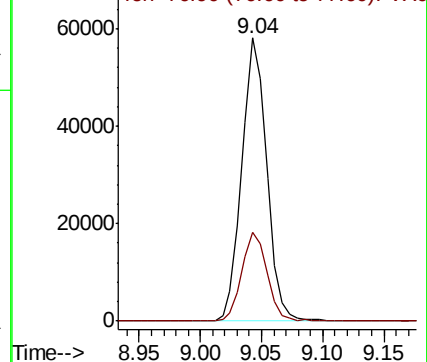
75 100

77 31.3 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: 21.250 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

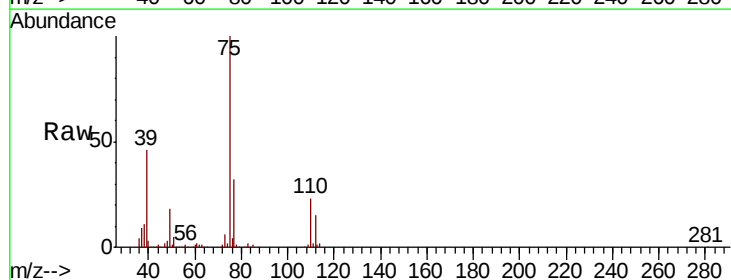
Tgt Ion: 75 Resp: 91217

Ion Ratio Lower Upper

75 100

77 31.5 25.7 38.5

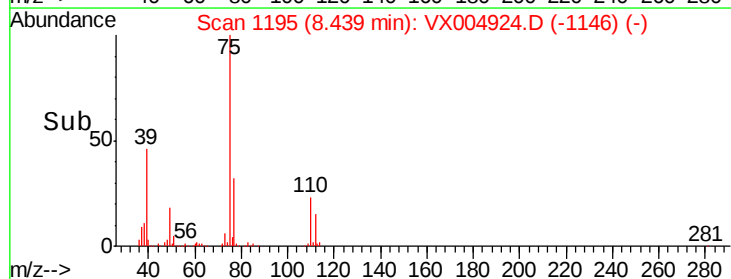
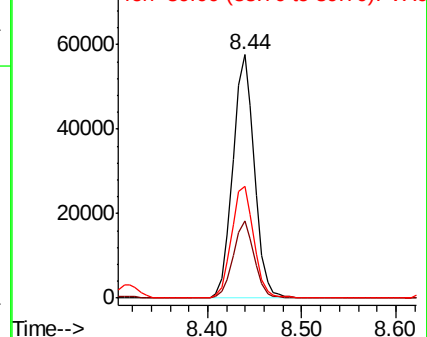
39 45.8 38.3 57.5



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

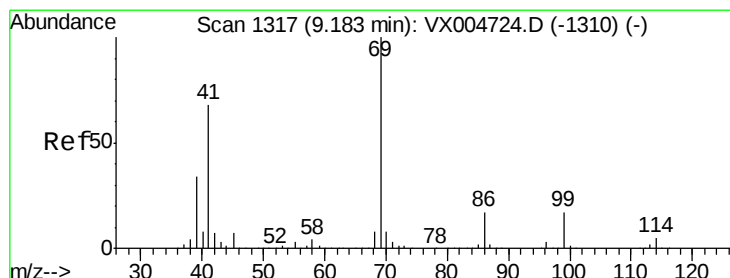
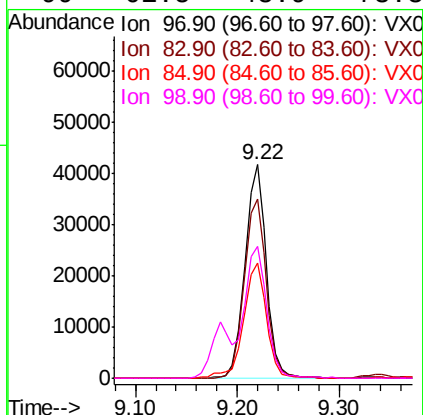
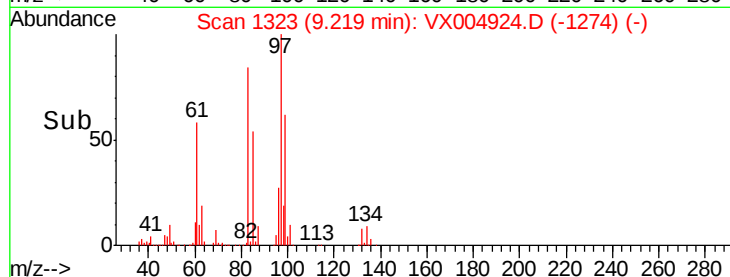
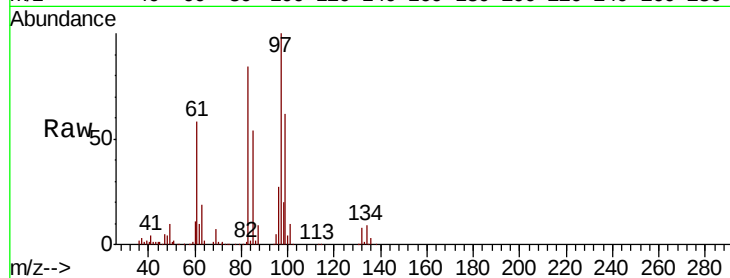




#55
 1,1,2-Trichloroethane
 Concen: 19.976 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

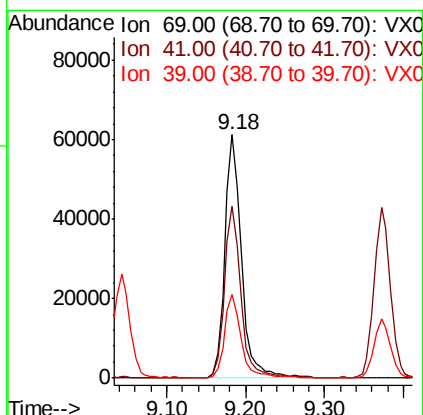
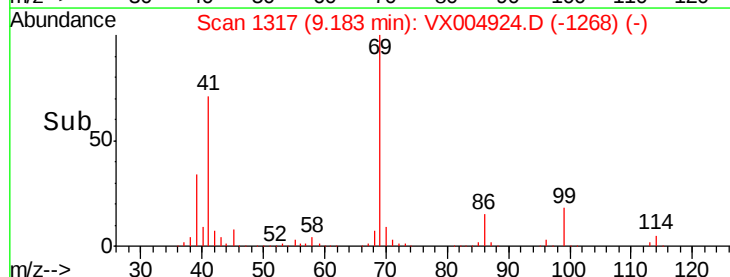
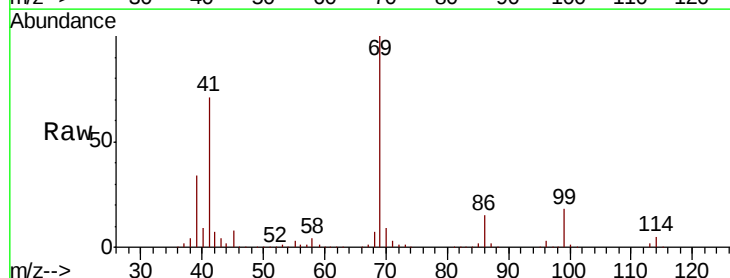
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

Tot Ion	Ratio	Lower	Upper
97	100		
83	83.9	68.2	102.2
85	53.9	49.9	74.9
99	61.5	48.9	73.3



#56
 Ethyl methacrylate
 Concen: 20.150 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Tgt Ion	Ratio	Lower	Upper
69	100		
41	69.8	56.9	85.3
39	33.7	28.4	42.6





#57

1,3-Dichloropropane

Concen: 19.789 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

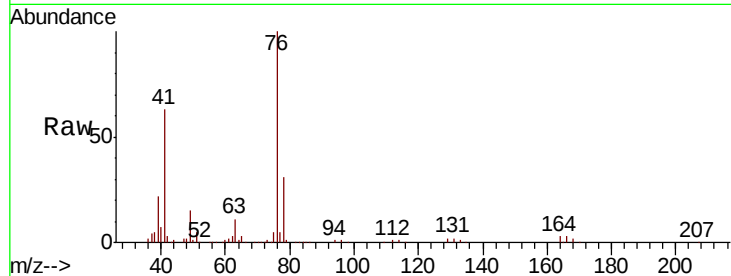
VX1003WBS01

Tot Ion: 76 Resp: 99629

Ion Ratio Lower Upper

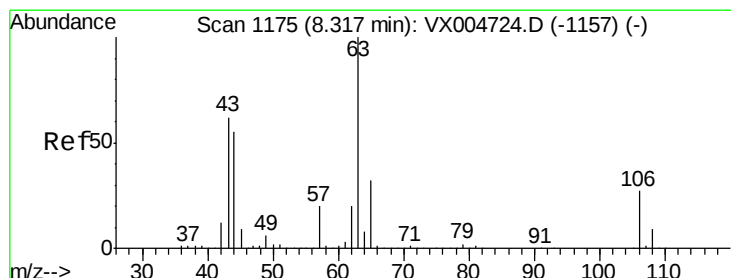
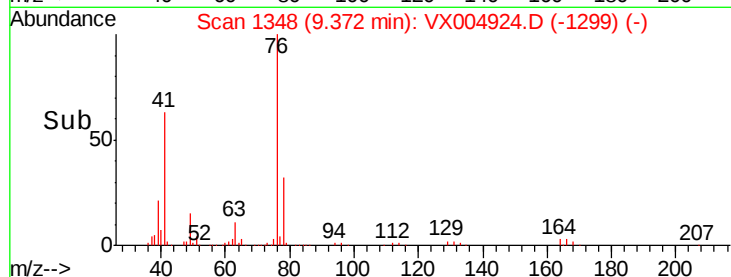
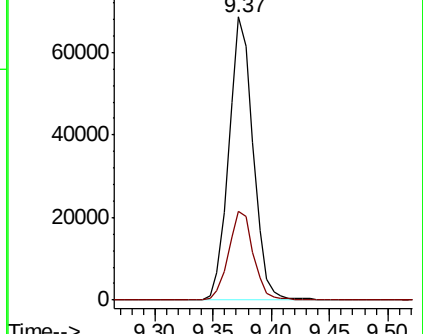
76 100

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: 104.711 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX004924.D

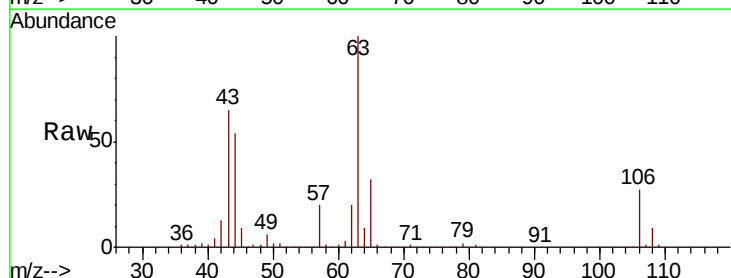
Acq: 02 Oct 2018 17:40

Tgt Ion: 63 Resp: 250053

Ion Ratio Lower Upper

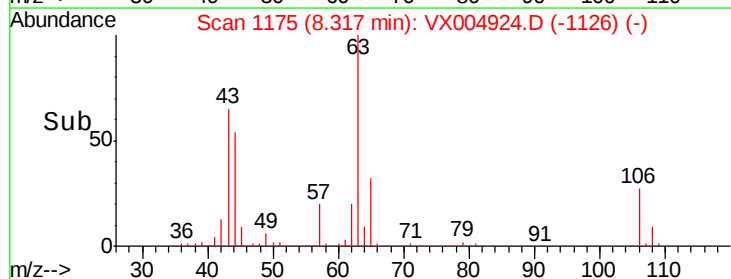
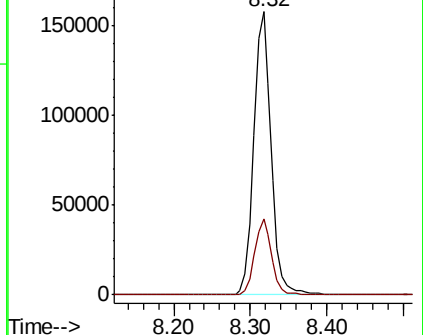
63 100

106 26.4 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

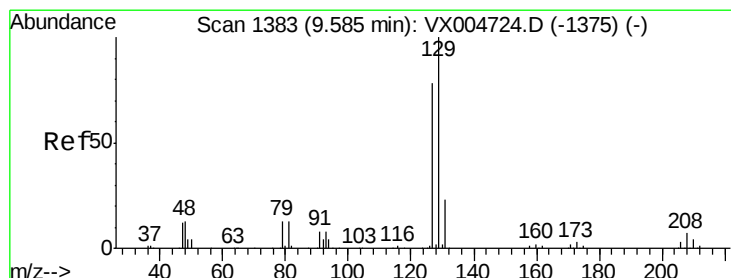
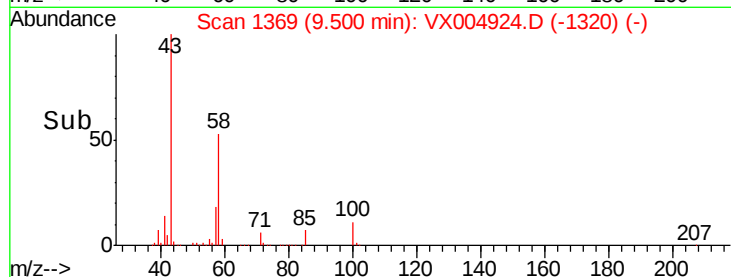
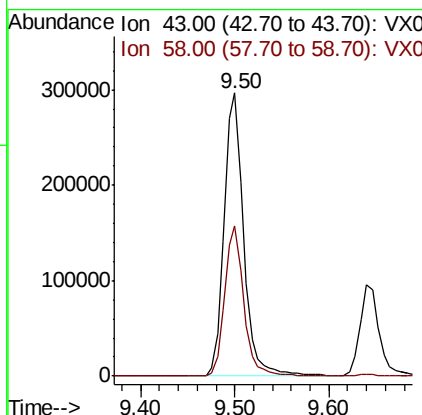
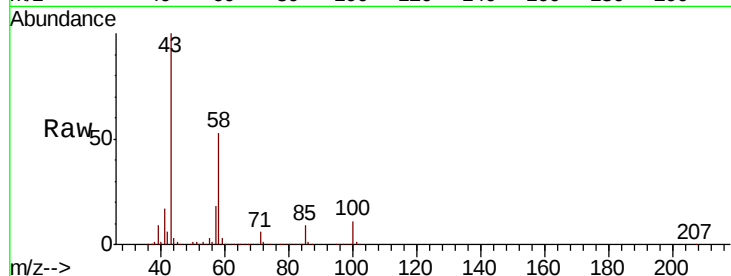




#59
2-Hexanone
Concen: 105.770 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

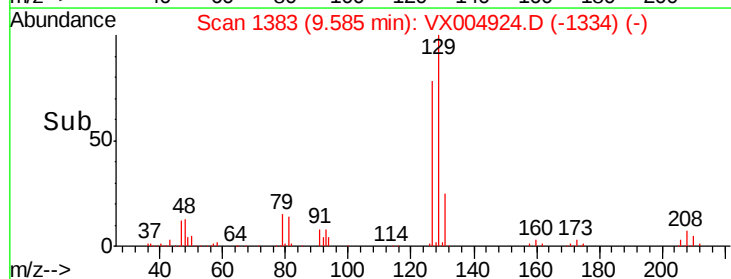
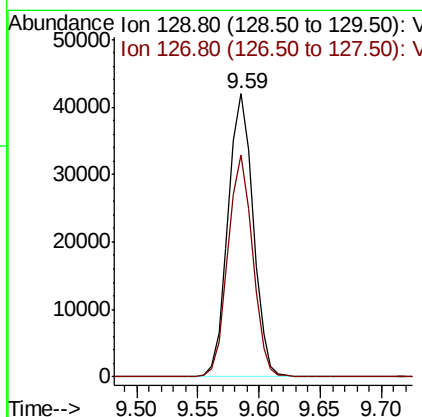
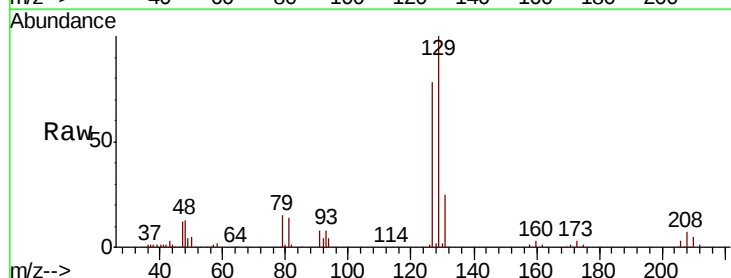
Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

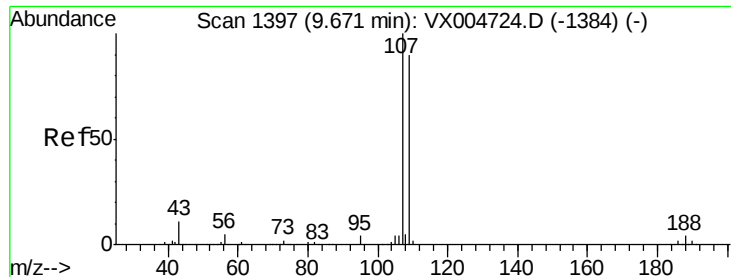
Tot Ion: 43 Resp: 426850
Ion Ratio Lower Upper
43 100
58 52.2 28.4 85.3



#60
Dibromochloromethane
Concen: 19.784 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tgt Ion: 129 Resp: 59852
Ion Ratio Lower Upper
129 100
127 76.8 39.1 117.2





#61

1,2-Dibromoethane

Concen: 19.031 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

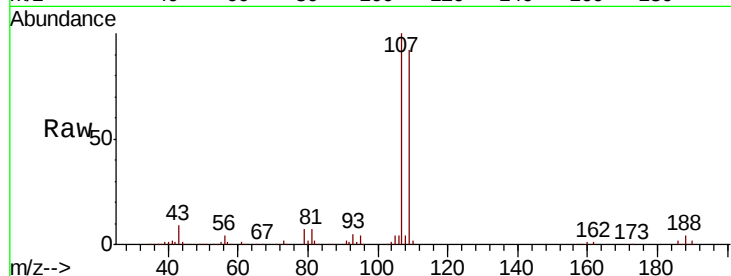
VX1003WBS01

Tot Ion:107 Resp: 61653

Ion Ratio Lower Upper

107 100

109 94.6 72.1 108.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

40000

30000

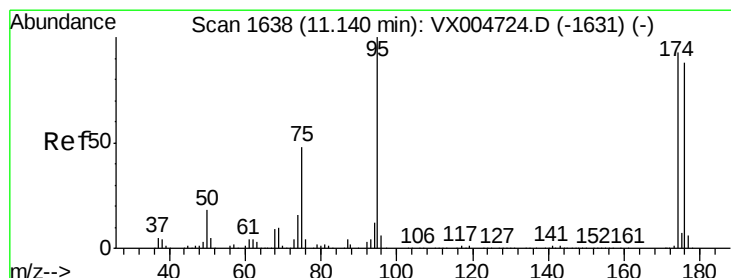
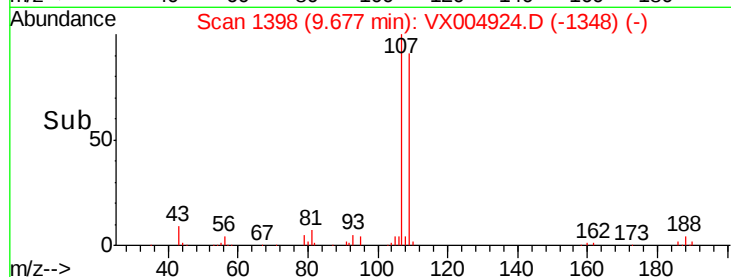
20000

10000

0

9.60 9.70 9.80

Time-->



#62

4-Bromofluorobenzene

Concen: 52.230 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

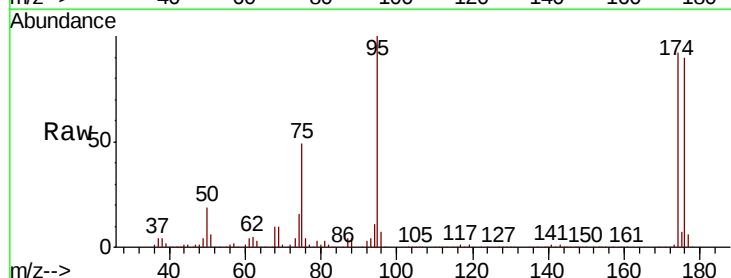
Tgt Ion: 95 Resp: 184058

Ion Ratio Lower Upper

95 100

174 91.2 0.0 185.0

176 88.0 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

150000

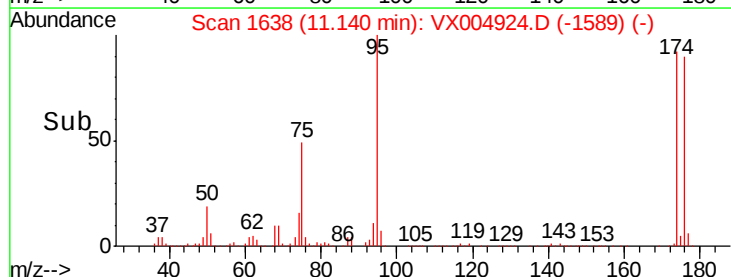
100000

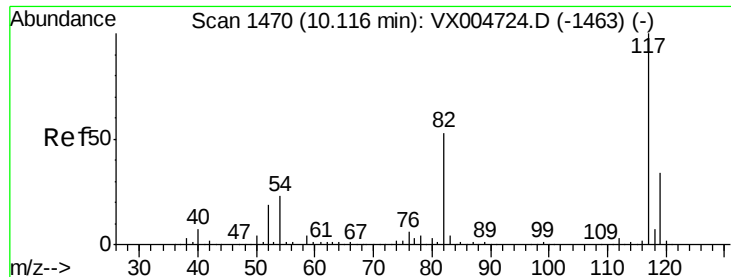
50000

0

11.10 11.20

Time-->

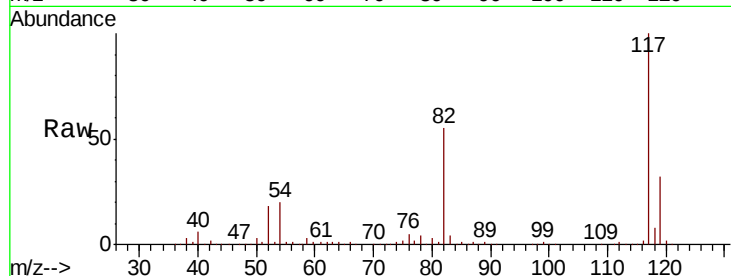




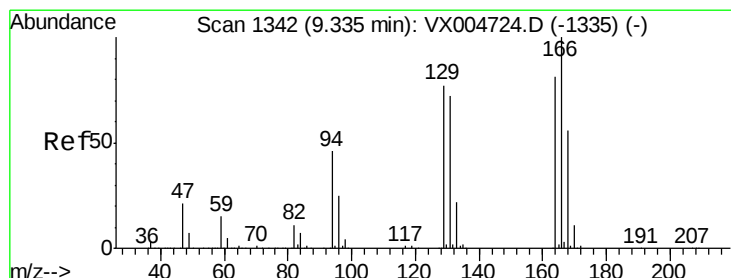
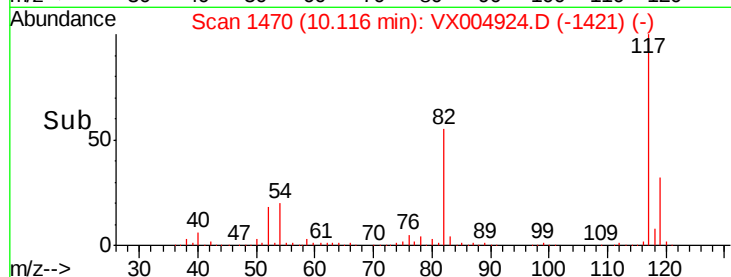
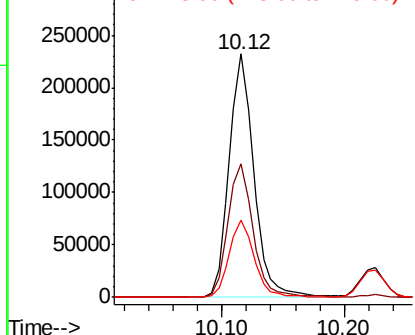
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion:117 Resp: 326606
Ion Ratio Lower Upper
117 100
82 55.0 42.2 63.4
119 31.7 27.4 41.0

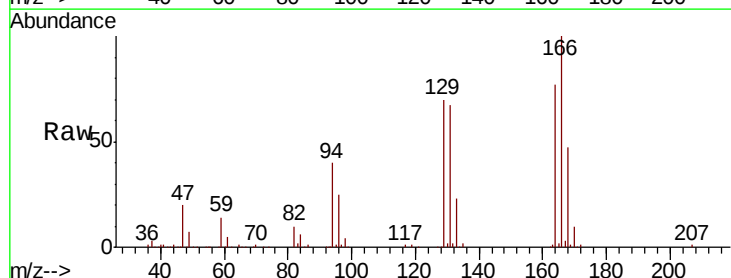


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

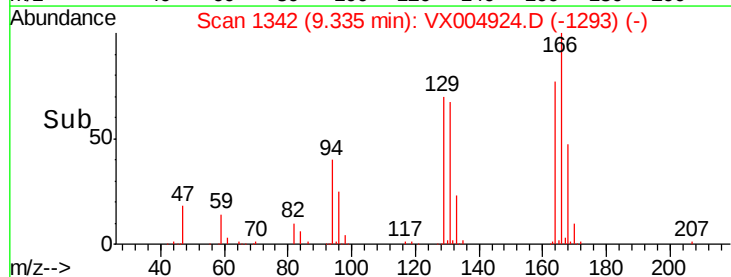
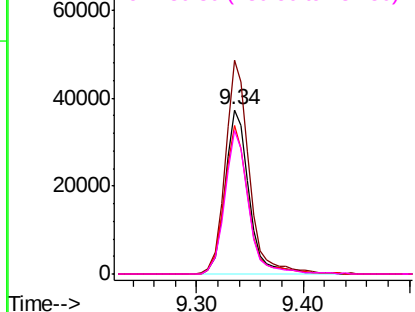


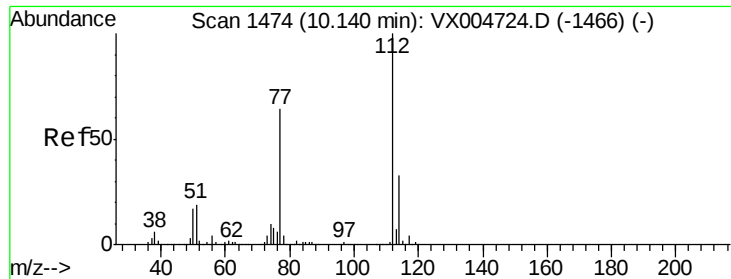
#64
Tetrachloroethene
Concen: 18.285 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tgt Ion:164 Resp: 58778
Ion Ratio Lower Upper
164 100
166 130.3 98.4 147.6
129 90.9 76.1 114.1
131 87.6 71.0 106.4



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

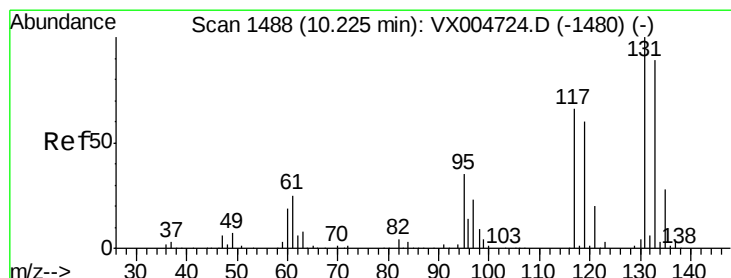
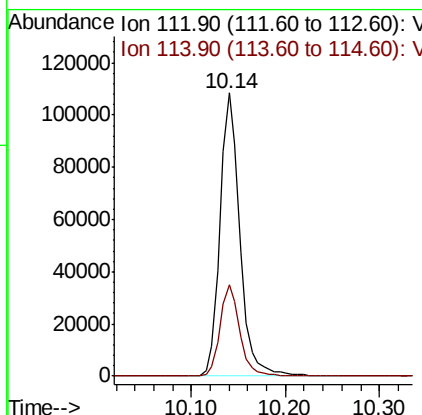
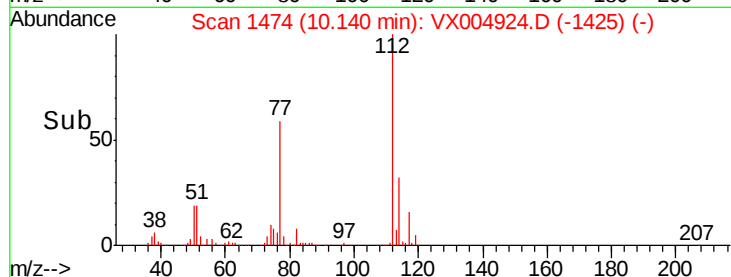
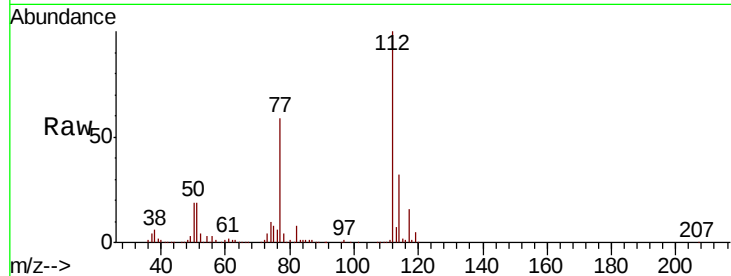




#65
Chlorobenzene
Concen: 18.925 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

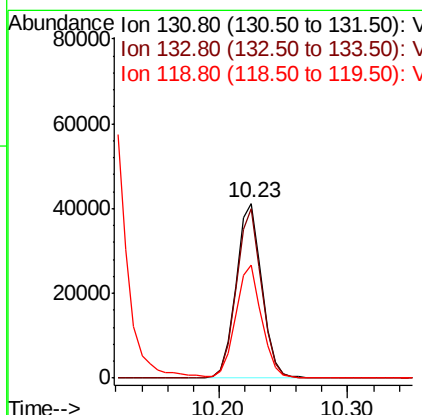
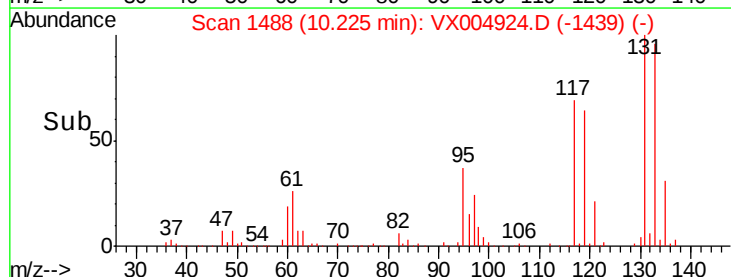
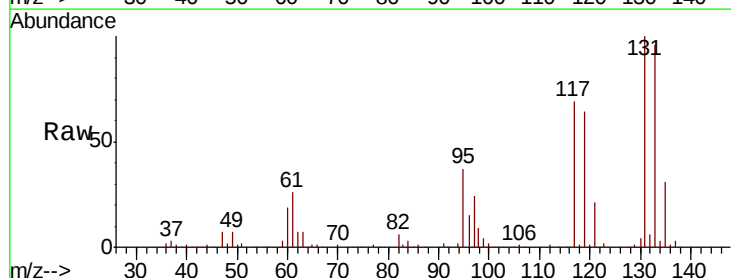
Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

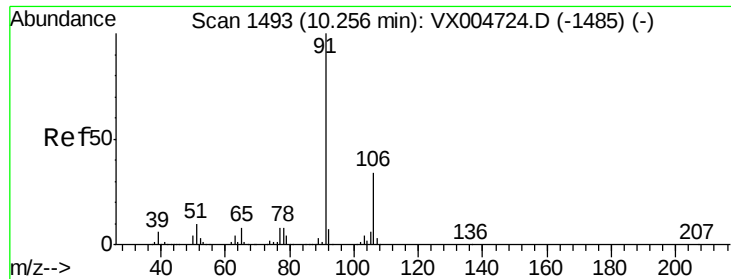
Tot Ion:112 Resp: 158499
Ion Ratio Lower Upper
112 100
114 32.2 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.416 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tgt Ion:131 Resp: 57167
Ion Ratio Lower Upper
131 100
133 95.1 48.4 145.0
119 65.5 32.3 96.8





#67

Ethyl Benzene

Concen: 19.555 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

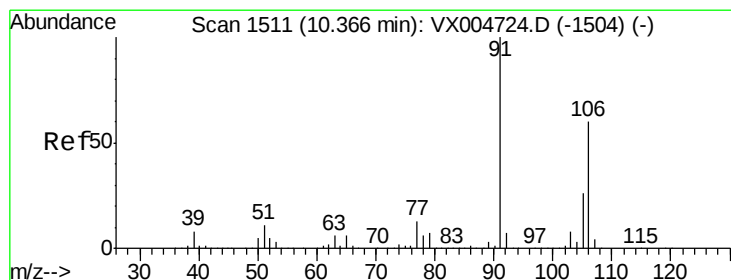
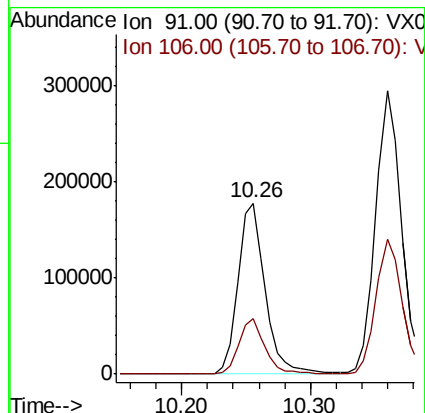
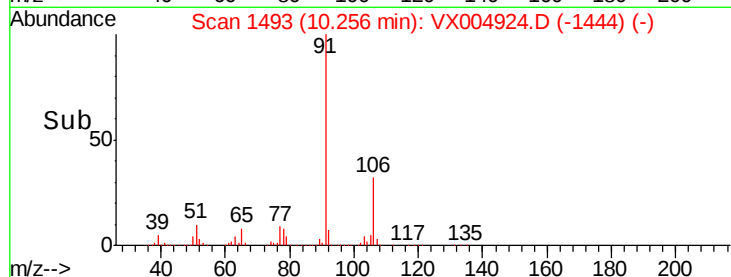
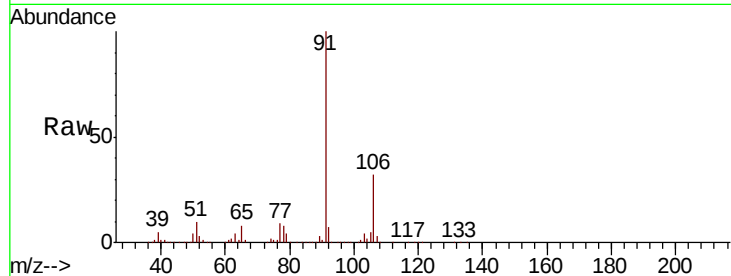
VX1003WBS01

Tot Ion: 91 Resp: 260010

Ion Ratio Lower Upper

91 100

106 32.1 26.9 40.3



#68

m/p-Xylenes

Concen: 39.240 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004924.D

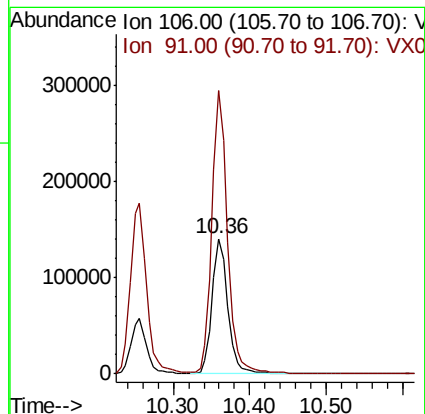
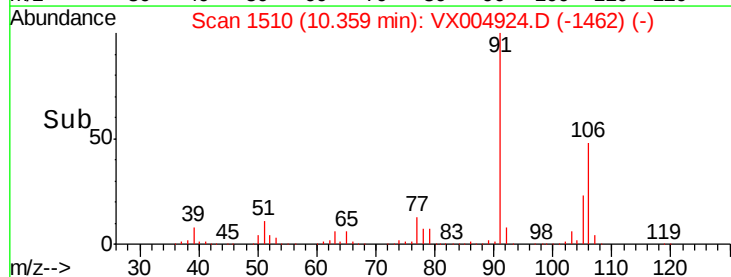
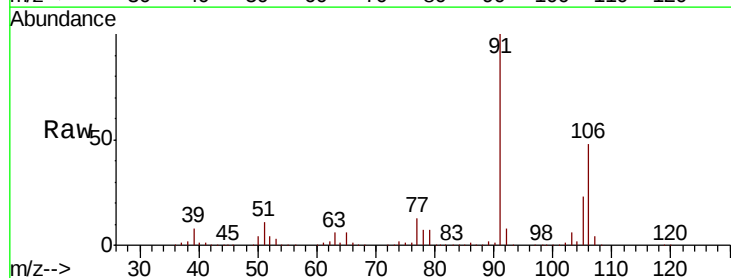
Acq: 02 Oct 2018 17:40

Tgt Ion: 106 Resp: 203888

Ion Ratio Lower Upper

106 100

91 205.2 157.5 236.3

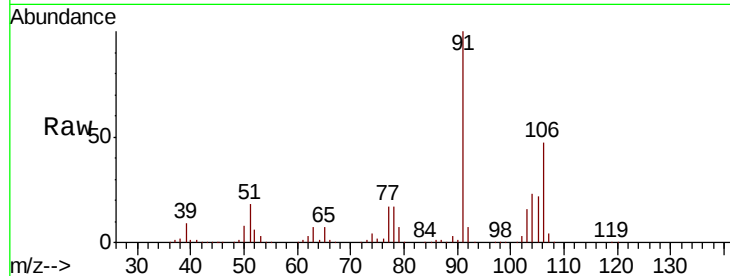




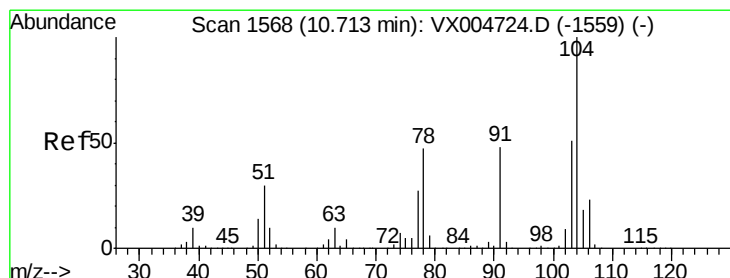
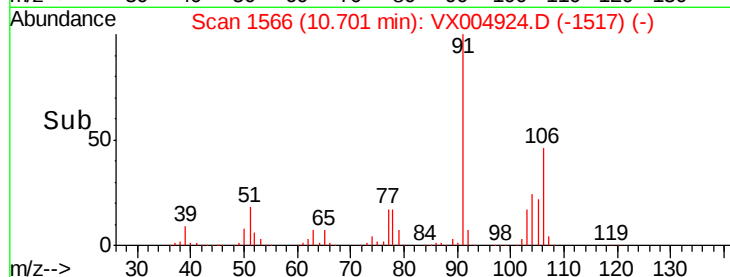
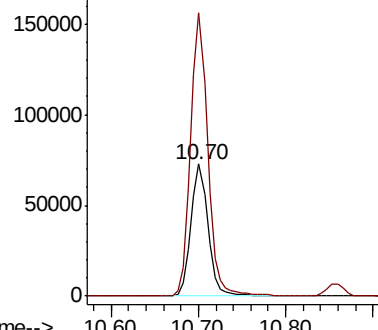
#69
o-Xylene
Concen: 20.807 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Instrument :
MSVOA_X
ClientSampleId :
VX1003WBS01

Tot Ion:106 Resp: 99298
Ion Ratio Lower Upper
106 100
91 213.4 108.3 324.8

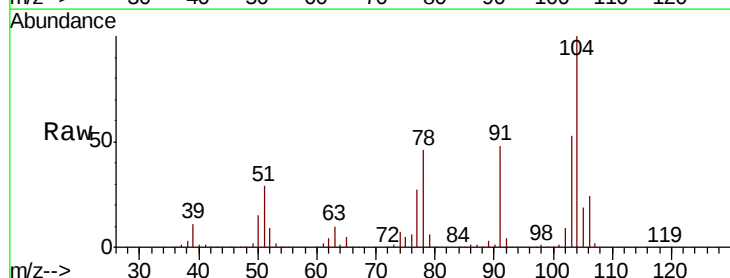


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

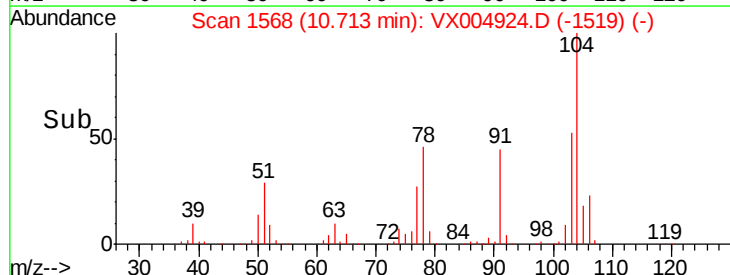
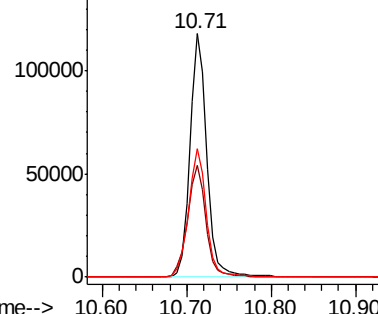


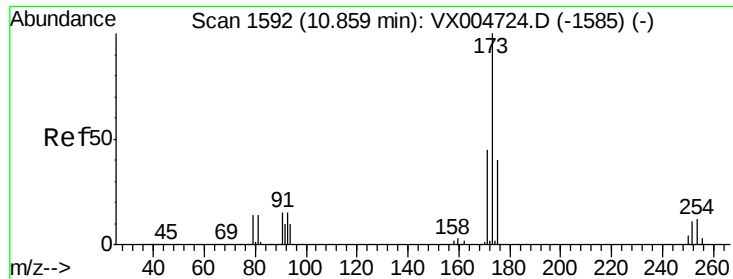
#70
Styrene
Concen: 19.687 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tgt Ion:104 Resp: 163620
Ion Ratio Lower Upper
104 100
78 50.5 40.0 60.0
103 56.2 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 19.160 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

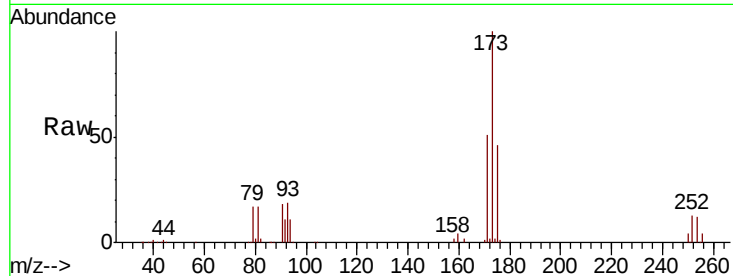
Tot Ion:173 Resp: 48296

Ion Ratio Lower Upper

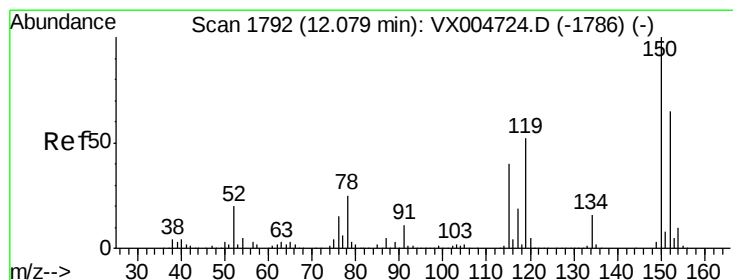
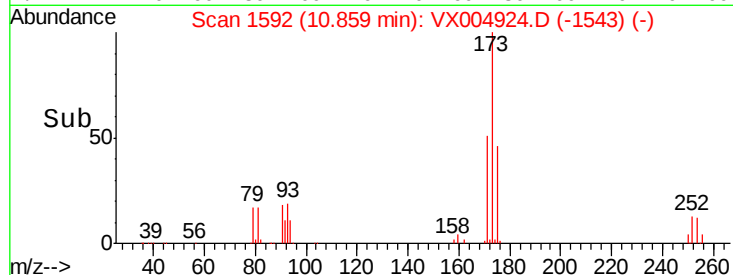
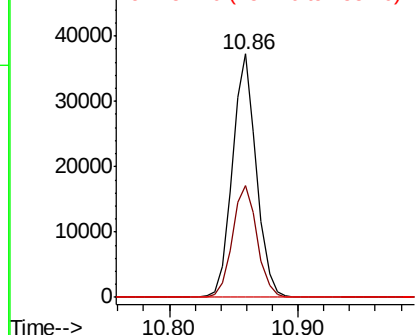
173 100

175 47.5 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: VX004924.D

Acq: 02 Oct 2018 17:40

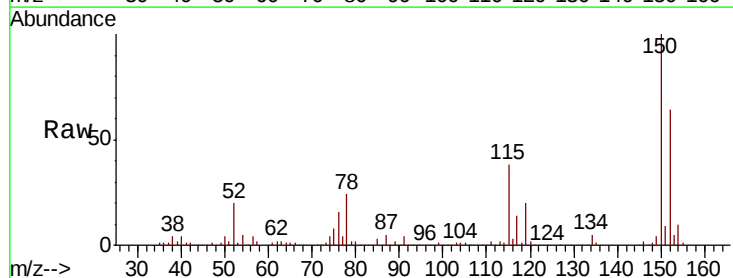
Tgt Ion:152 Resp: 195162

Ion Ratio Lower Upper

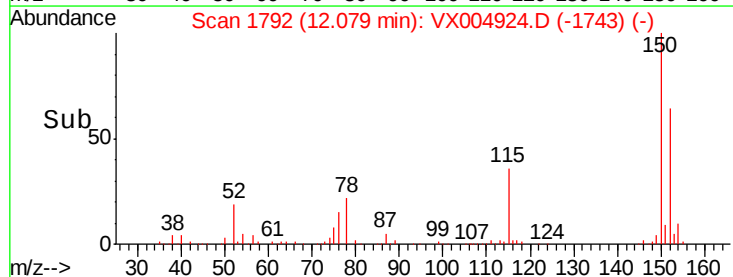
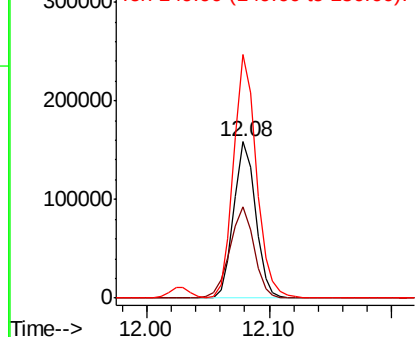
152 100

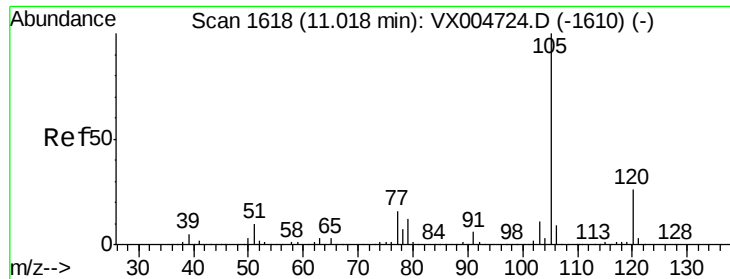
115 64.6 40.2 120.6

150 162.1 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: 21.362 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

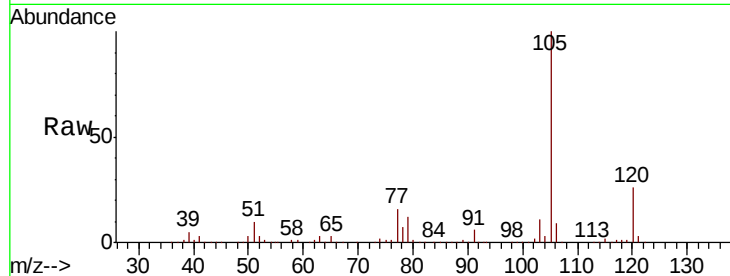
VX1003WBS01

Tot Ion: 105 Resp: 262781

Ion Ratio Lower Upper

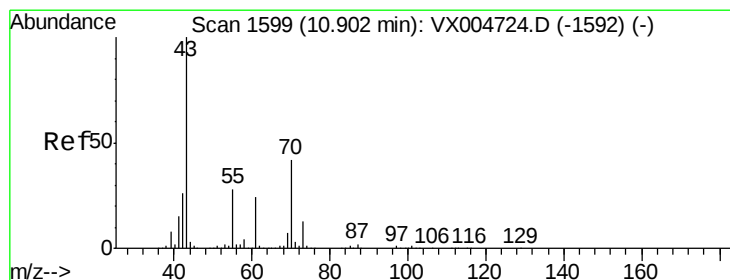
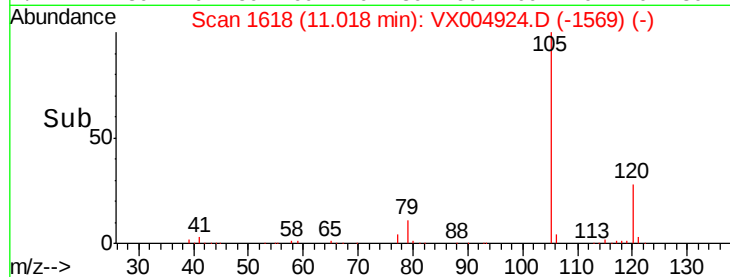
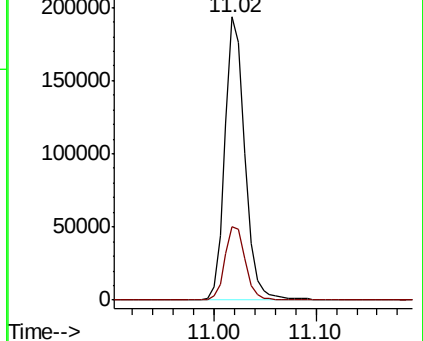
105 100

120 26.8 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.638 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Tgt Ion: 43 Resp: 125342

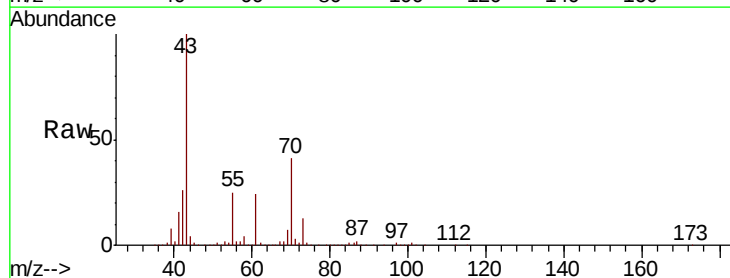
Ion Ratio Lower Upper

43 100

70 40.9 32.6 48.8

55 25.3 21.6 32.4

61 23.3 19.1 28.7

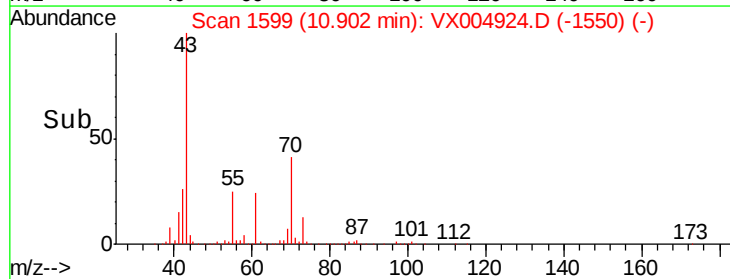
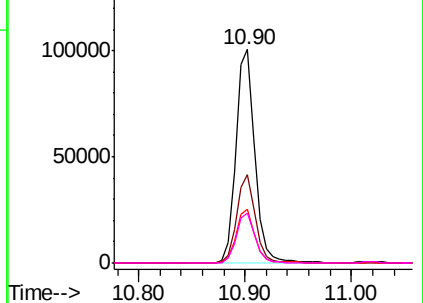


Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 19.669 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampled :

VX1003WBS01

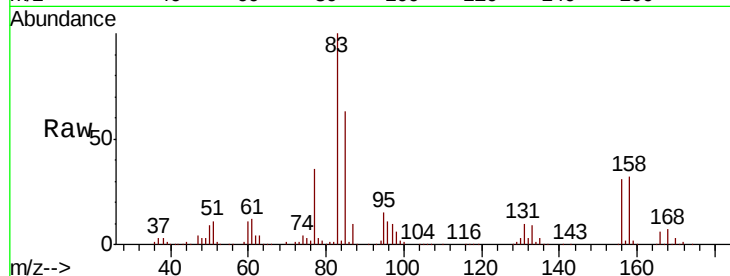
Tot Ion: 83 Resp: 98491

Ion Ratio Lower Upper

83 100

131 10.0 5.1 15.3

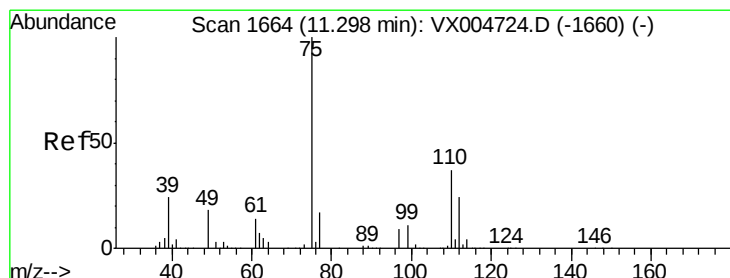
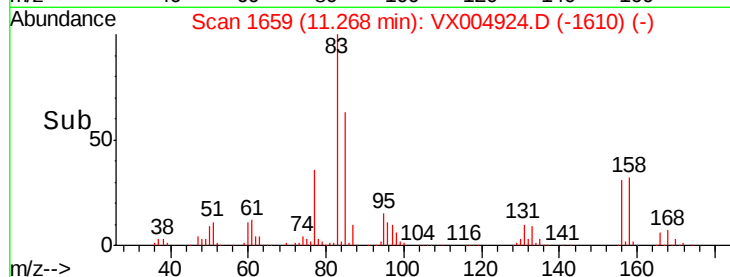
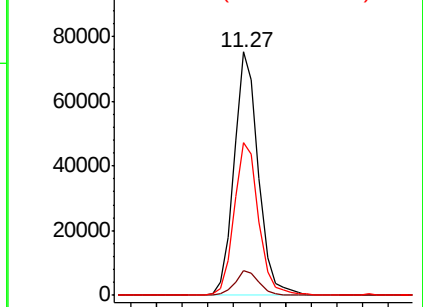
85 63.5 31.9 95.9



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: 25.030 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004924.D

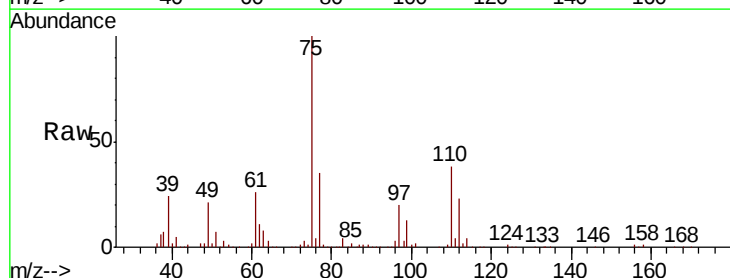
Acq: 02 Oct 2018 17:40

Tgt Ion: 75 Resp: 109487

Ion Ratio Lower Upper

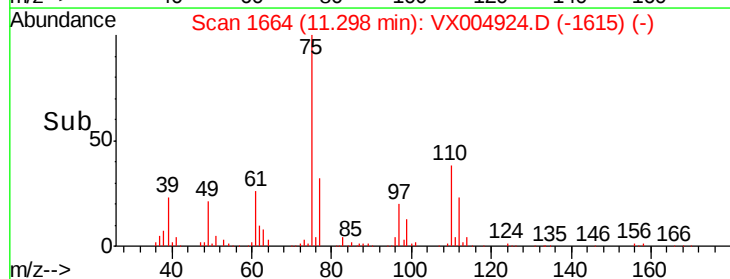
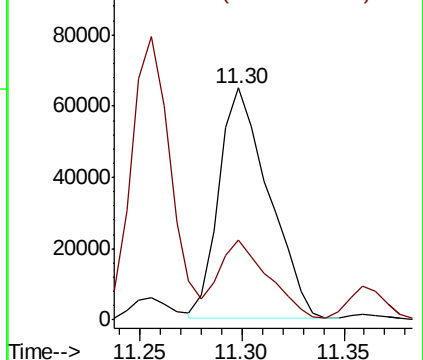
75 100

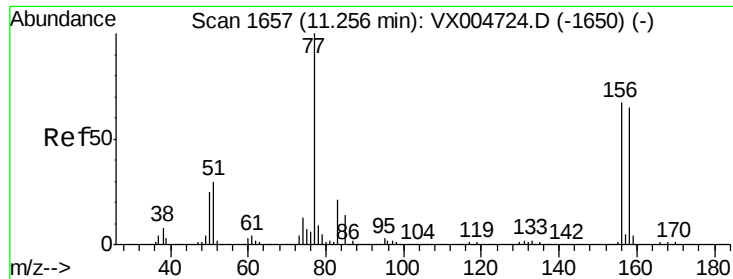
77 34.4 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.186 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampled :

VX1003WBS01

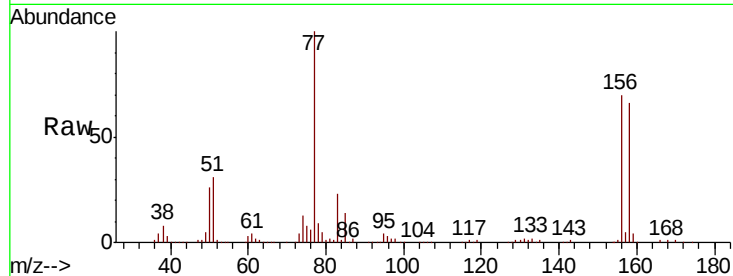
Tot Ion:156 Resp: 72126

Ion Ratio Lower Upper

156 100

77 147.9 73.4 220.2

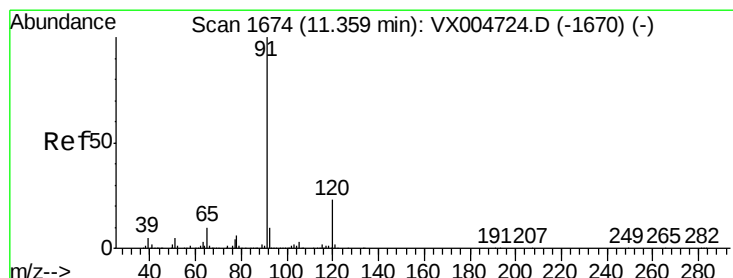
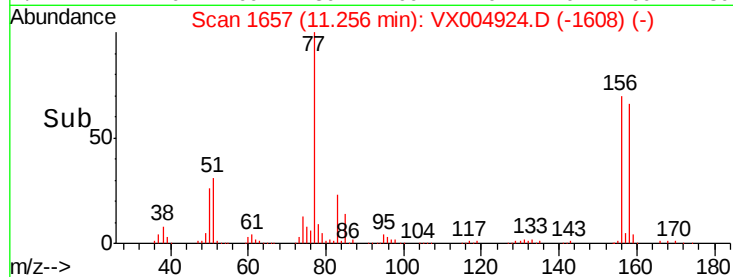
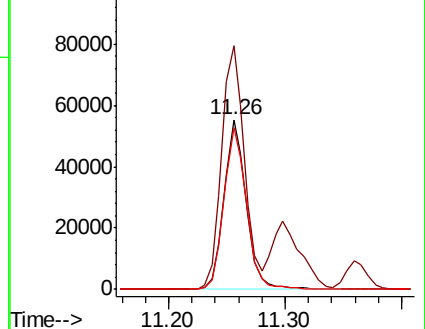
158 97.5 49.1 147.4



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: 21.212 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004924.D

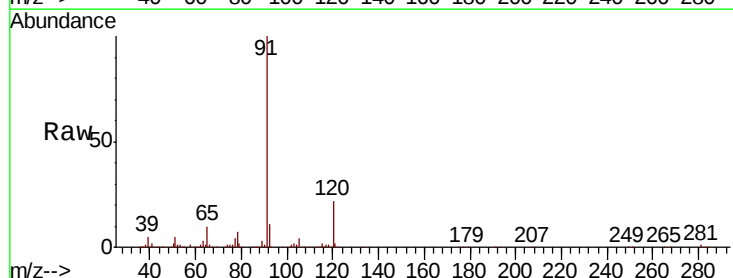
Acq: 02 Oct 2018 17:40

Tgt Ion: 91 Resp: 299388

Ion Ratio Lower Upper

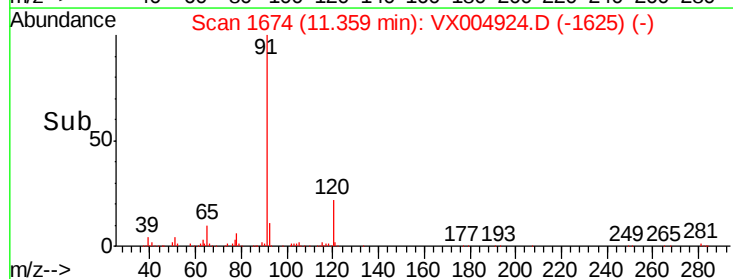
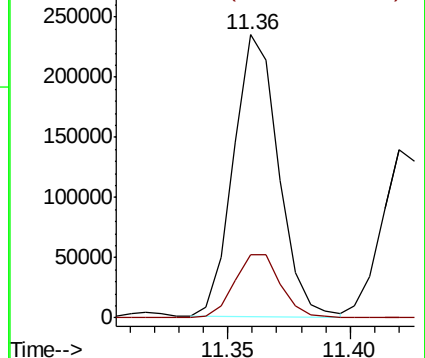
91 100

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: 20.950 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampled :

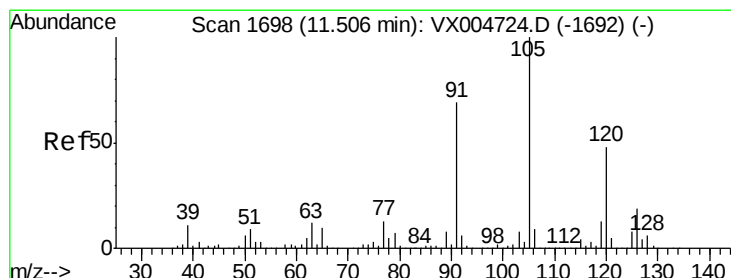
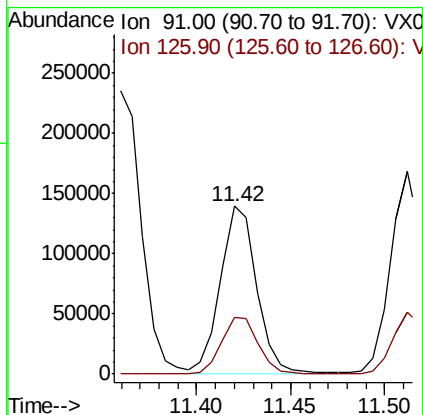
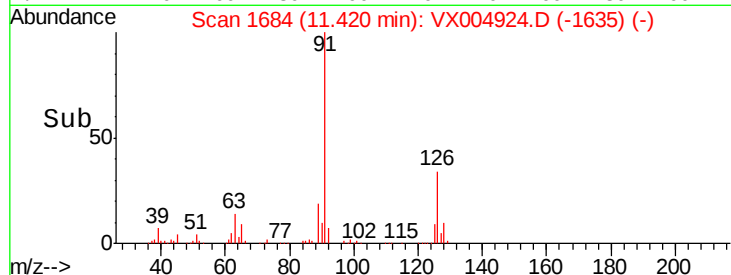
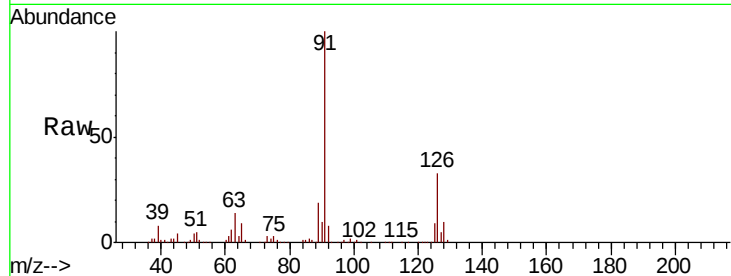
VX1003WBS01

Tot Ion: 91 Resp: 184311

Ion Ratio Lower Upper

91 100

126 34.9 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 19.747 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004924.D

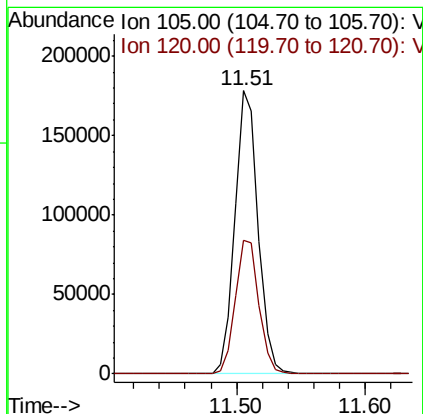
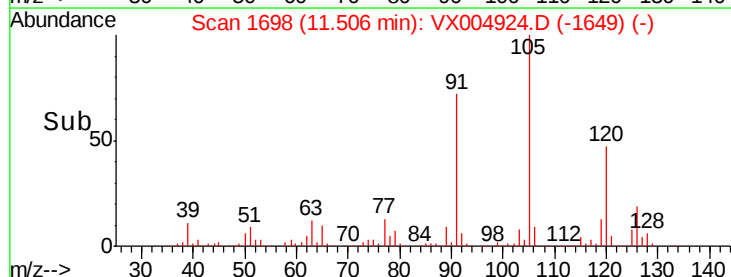
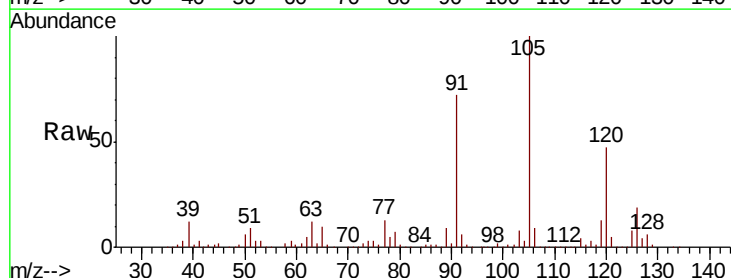
Acq: 02 Oct 2018 17:40

Tgt Ion: 105 Resp: 223990

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 17.137 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

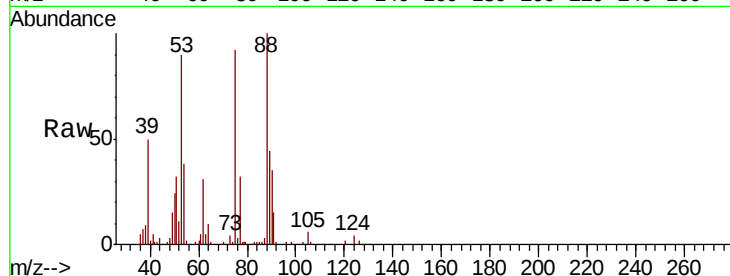
Tot Ion: 75 Resp: 25303

Ion Ratio Lower Upper

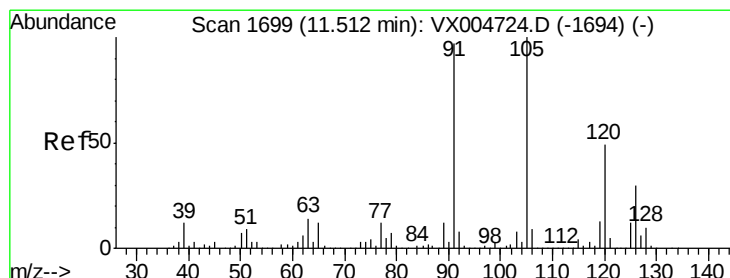
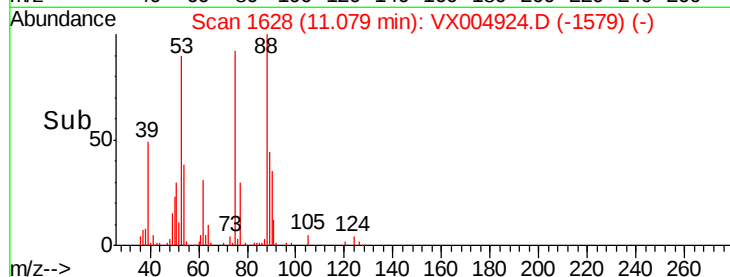
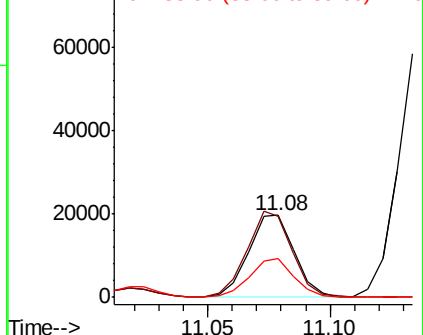
75 100

53 103.5 80.2 120.4

89 46.9 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 20.725 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004924.D

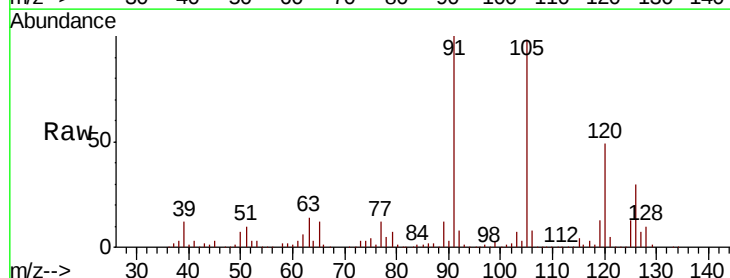
Acq: 02 Oct 2018 17:40

Tgt Ion: 91 Resp: 214611

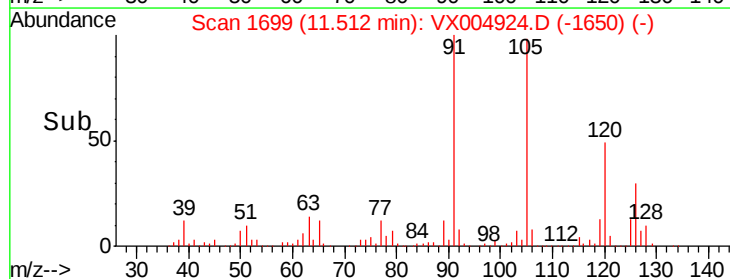
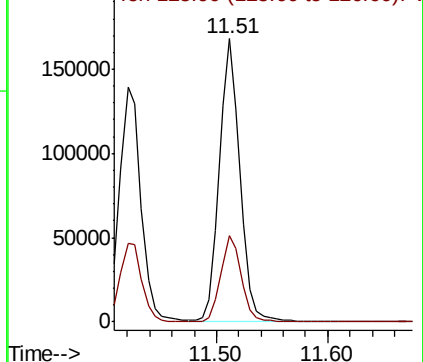
Ion Ratio Lower Upper

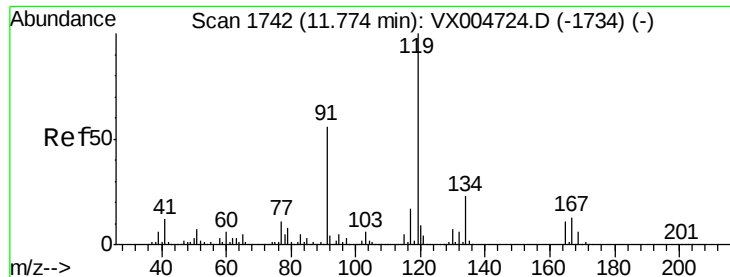
91 100

126 30.7 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

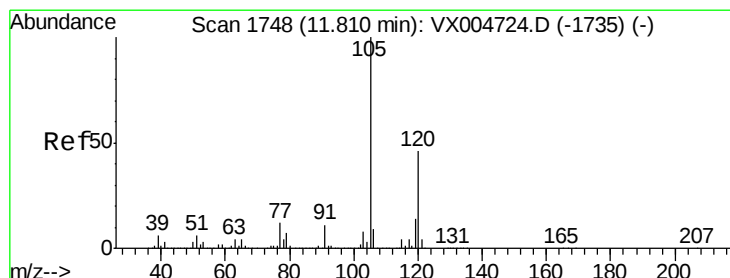
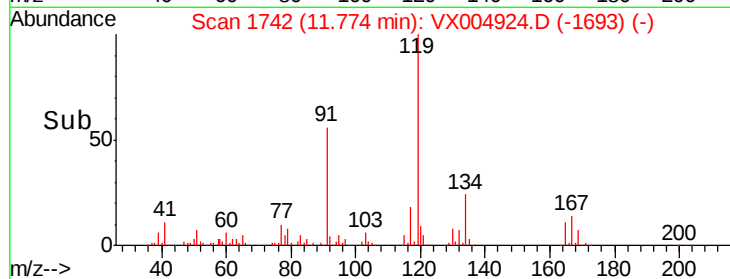
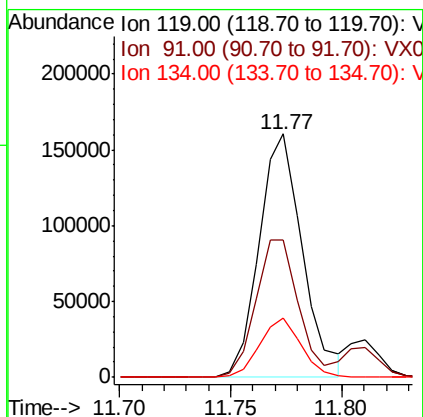
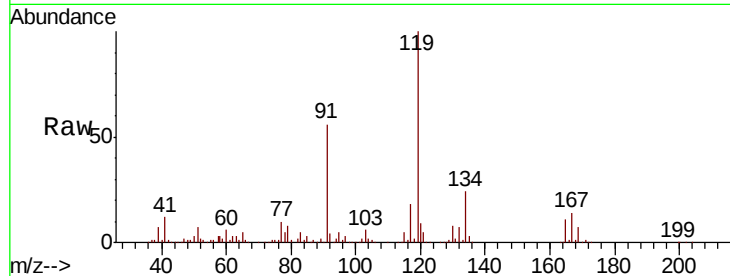




#83
 tert-Butylbenzene
 Concen: 21.433 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

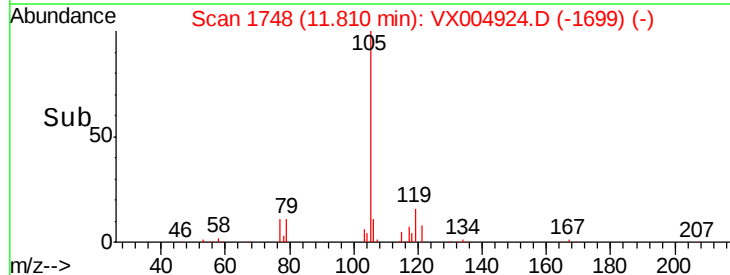
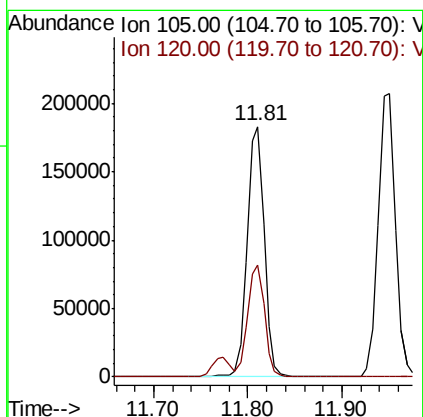
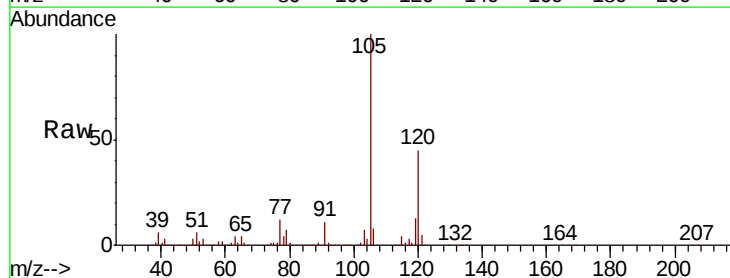
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

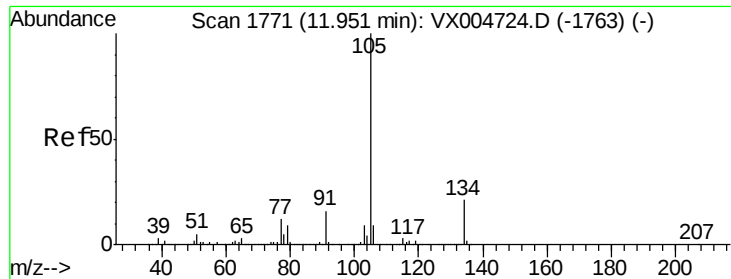
Tot Ion:119 Resp: 217075
 Ion Ratio Lower Upper
 119 100
 91 55.5 27.5 82.5
 134 23.3 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.778 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Tgt Ion:105 Resp: 231350
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.8 68.3





#85

sec-Butylbenzene

Concen: 21.383 ug/l

RT: 11.95 min Scan# 1771

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

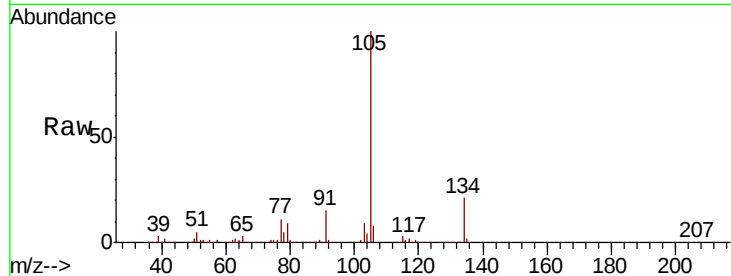
VX1003WBS01

Tot Ion:105 Resp: 263786

Ion Ratio Lower Upper

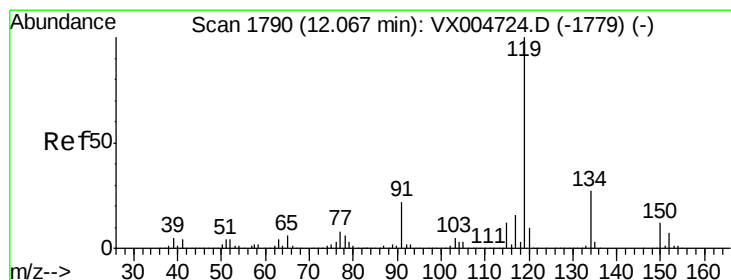
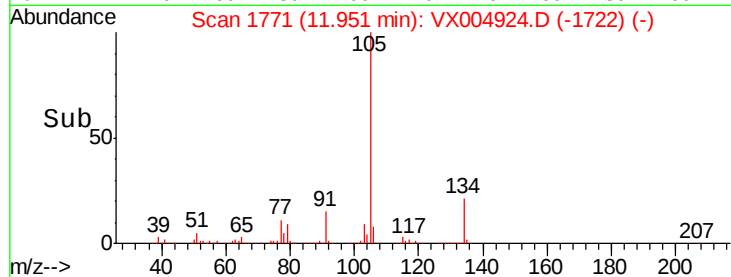
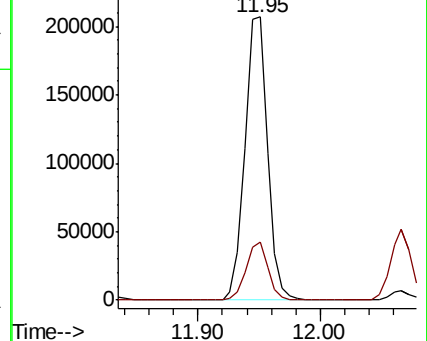
105 100

134 20.1 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: 21.166 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

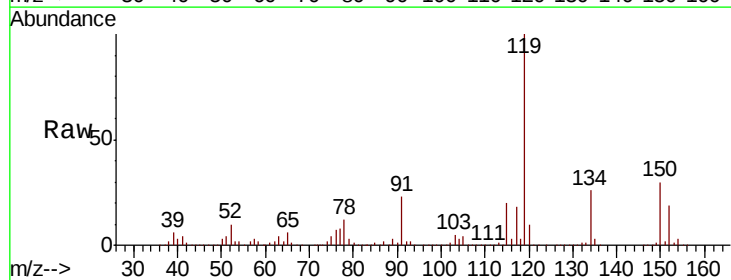
Tgt Ion:119 Resp: 236573

Ion Ratio Lower Upper

119 100

134 26.0 13.4 40.1

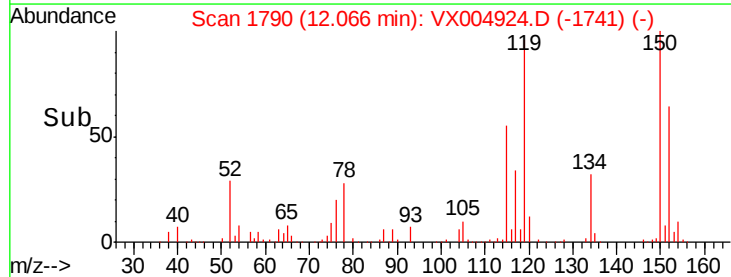
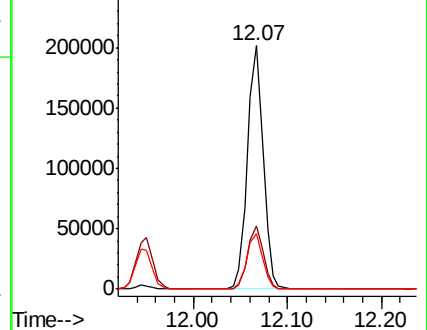
91 23.3 11.5 34.4

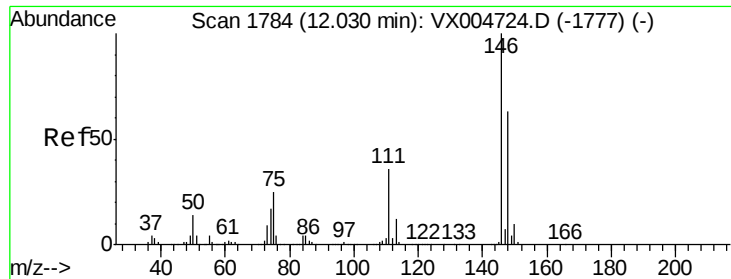


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

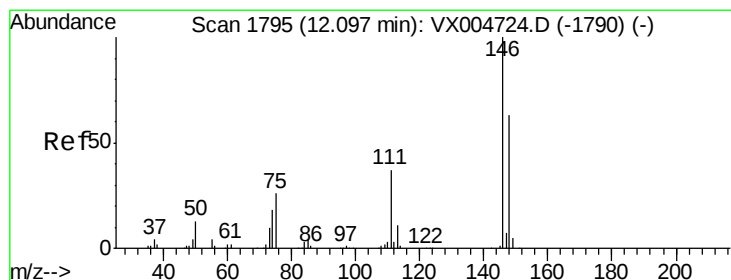
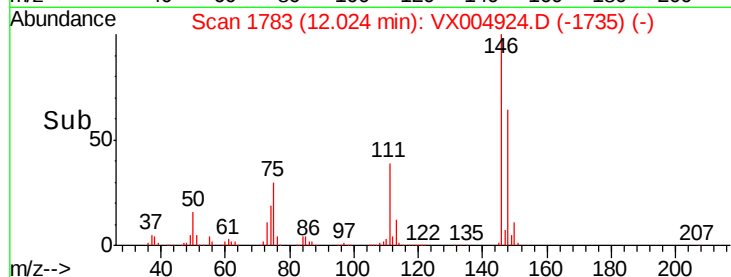
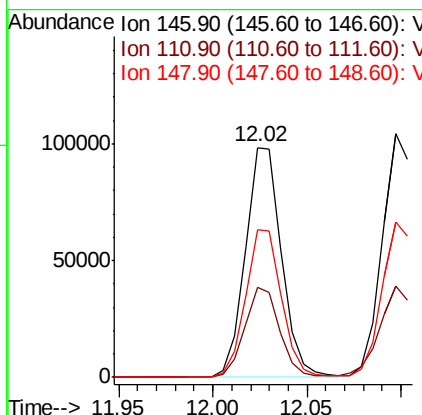
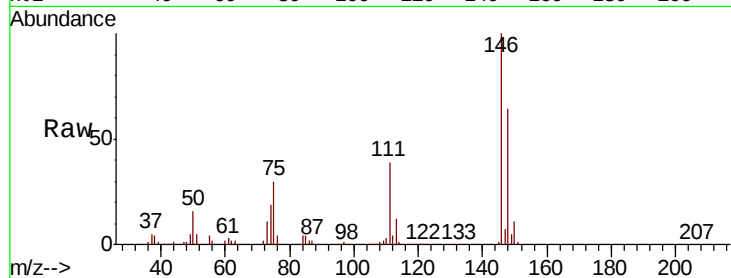




#87
 1,3-Dichlorobenzene
 Concen: 19.604 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

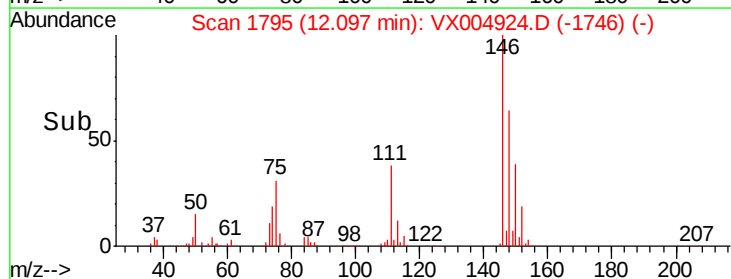
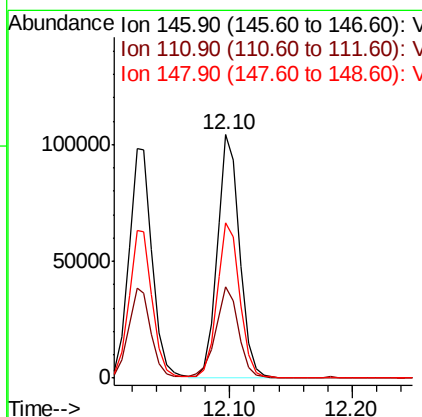
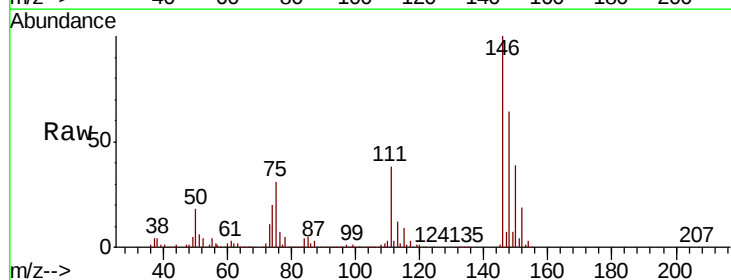
Instrument :
 MSVOA_X
 ClientSampled :
 VX1003WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	18.9	56.9
148	64.3	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 19.288 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.8	18.4	55.2
148	64.6	32.0	96.0

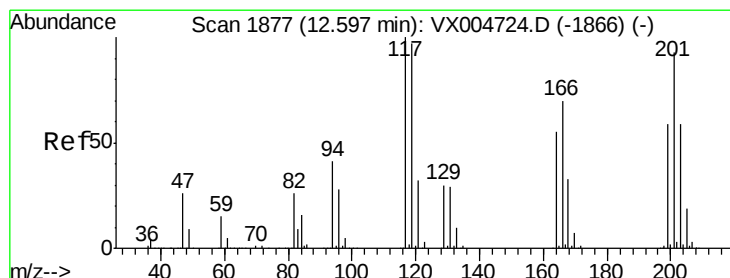
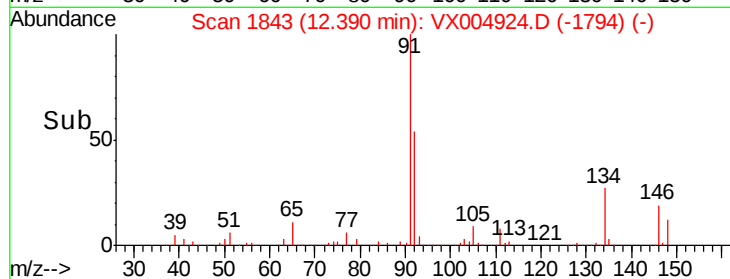
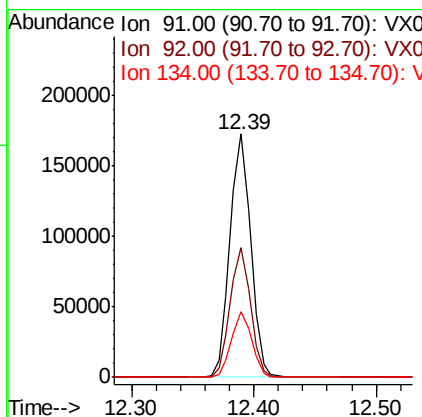
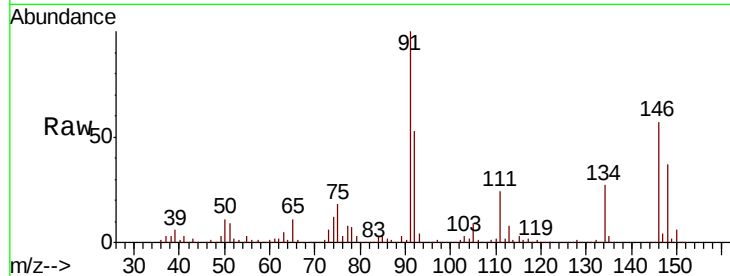




#89
n-Butylbenzene
Concen: 19.964 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

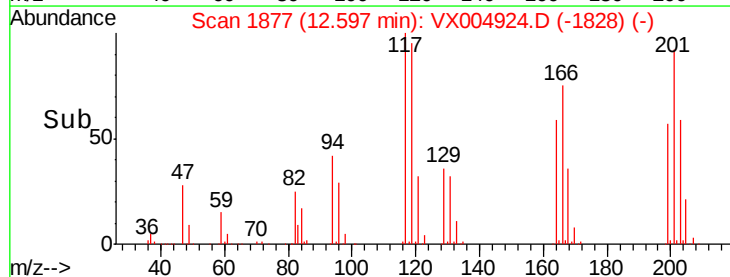
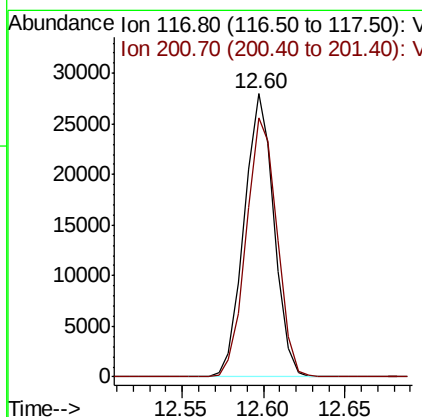
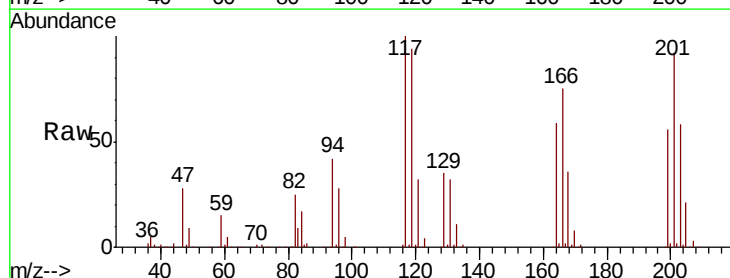
Instrument :
MSVOA_X
ClientSampled :
VX1003WBS01

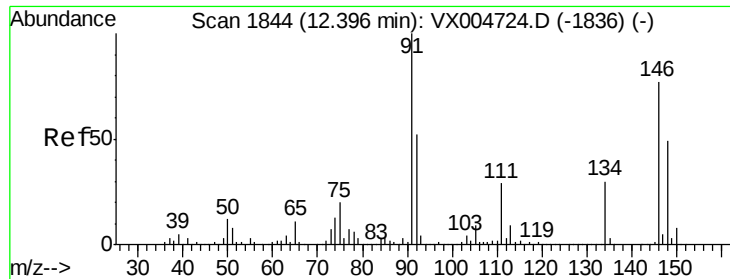
Tot Ion: 91 Resp: 202648
Ion Ratio Lower Upper
91 100
92 52.2 26.0 78.0
134 26.4 13.2 39.6



#90
Hexachloroethane
Concen: 19.185 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004924.D
Acq: 02 Oct 2018 17:40

Tgt Ion: 117 Resp: 35701
Ion Ratio Lower Upper
117 100
201 94.4 48.4 145.0





#91

1,2-Dichlorobenzene

Concen: 18.931 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampled :

VX1003WBS01

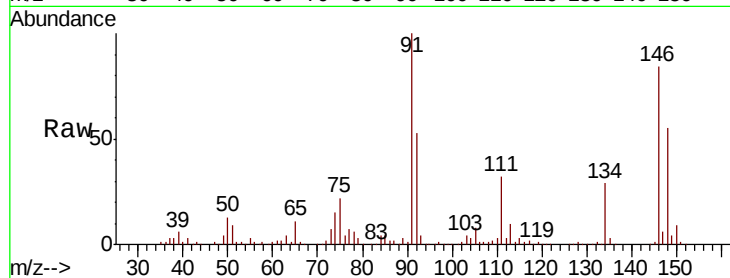
Tot Ion:146 Resp: 131993

Ion Ratio Lower Upper

146 100

111 39.5 19.6 58.7

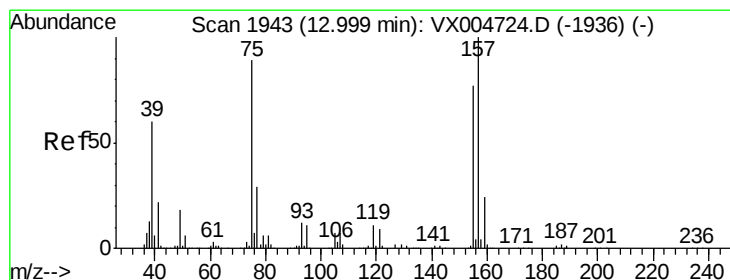
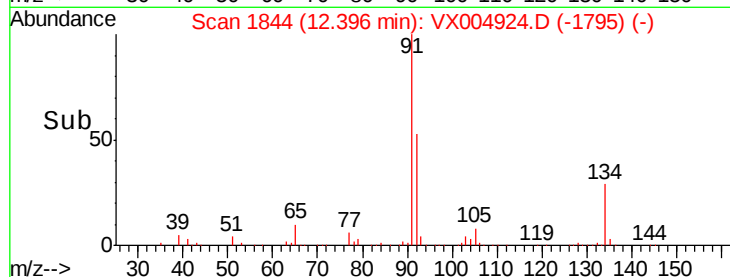
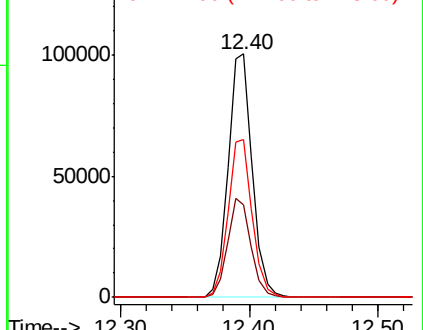
148 64.6 31.8 95.4



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: 19.717 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

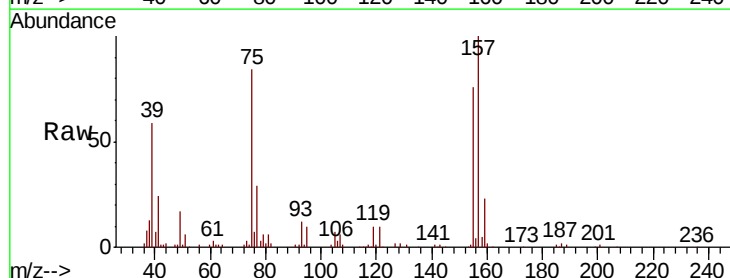
Tgt Ion: 75 Resp: 21678

Ion Ratio Lower Upper

75 100

155 92.1 46.1 138.3

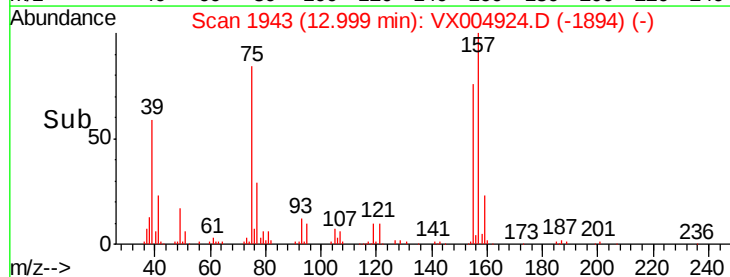
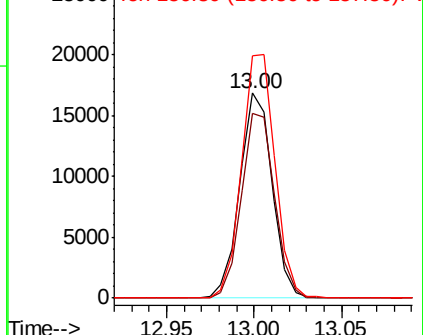
157 122.4 60.2 180.6



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

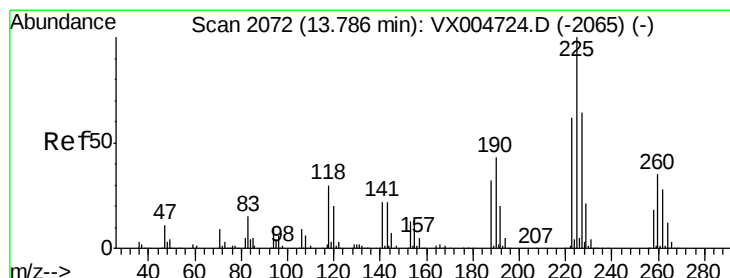
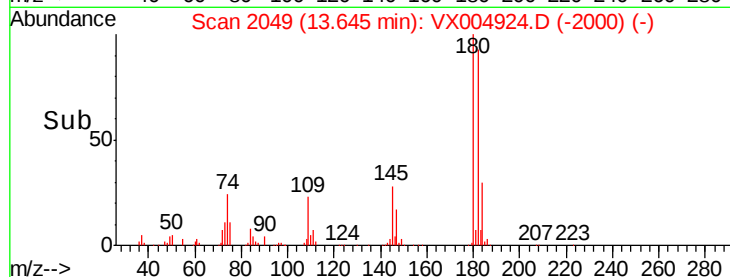
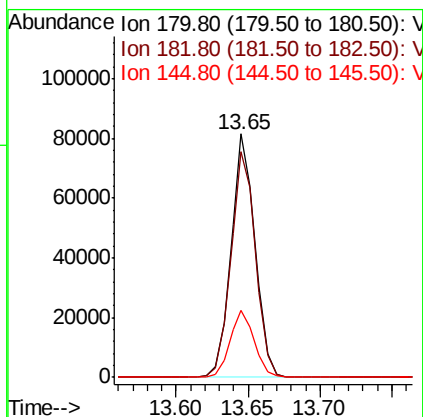
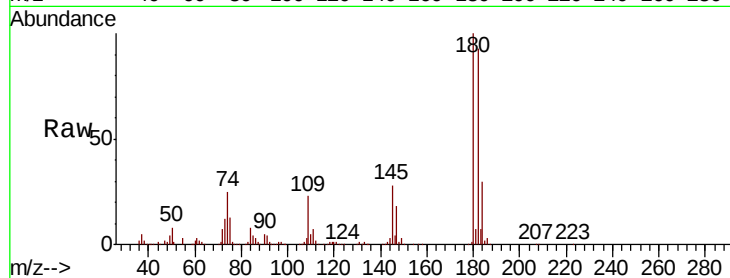




#93
 1,2,4-Trichlorobenzene
 Concen: 19.412 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

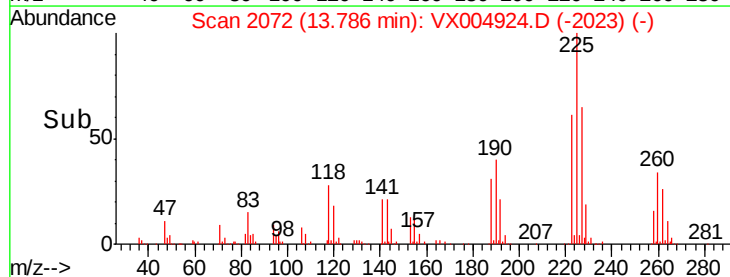
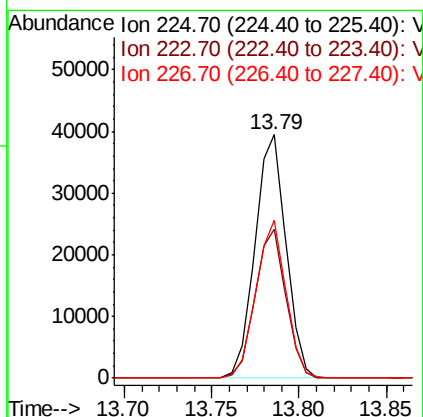
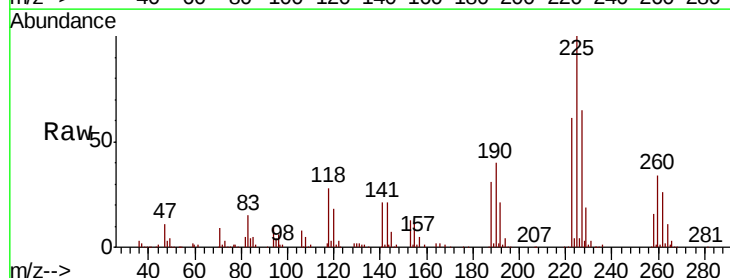
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1003WBS01

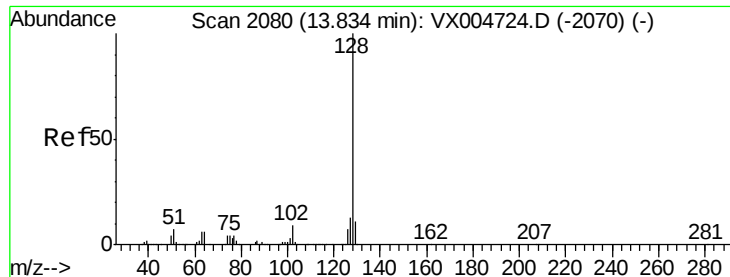
Tot Ion:180 Resp: 94944
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.8 143.4
 145 27.7 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 19.109 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004924.D
 Acq: 02 Oct 2018 17:40

Tgt Ion:225 Resp: 48466
 Ion Ratio Lower Upper
 225 100
 223 60.9 31.3 93.8
 227 62.8 31.9 95.5





#95

Naphthalene

Concen: 19.191 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

Instrument :

MSVOA_X

ClientSampleId :

VX1003WBS01

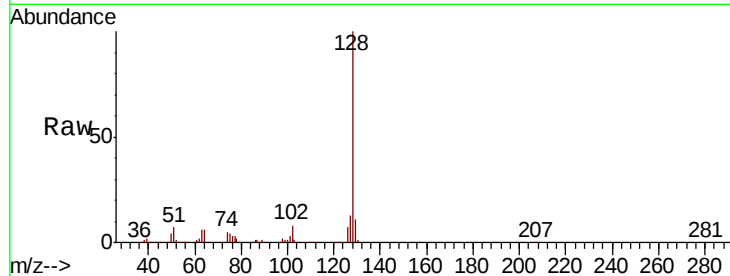
Tot Ion:128 Resp: 304242

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

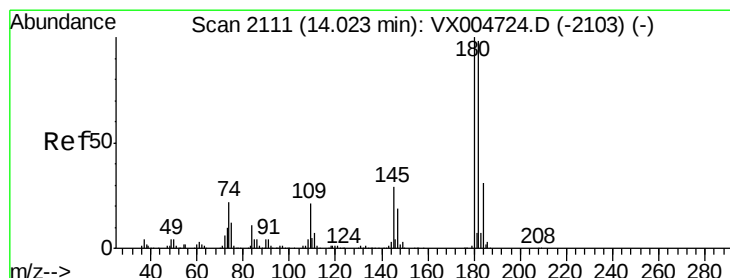
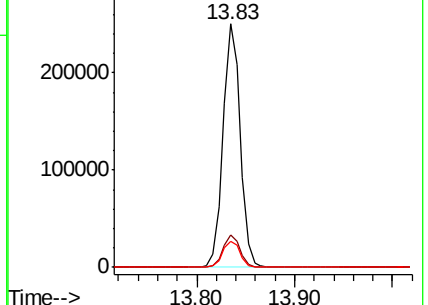
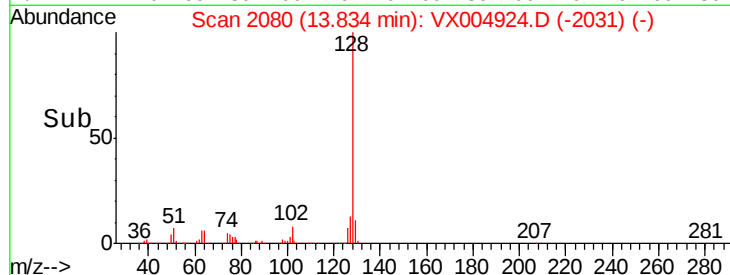
129 10.9 8.7 13.1



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: 19.844 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004924.D

Acq: 02 Oct 2018 17:40

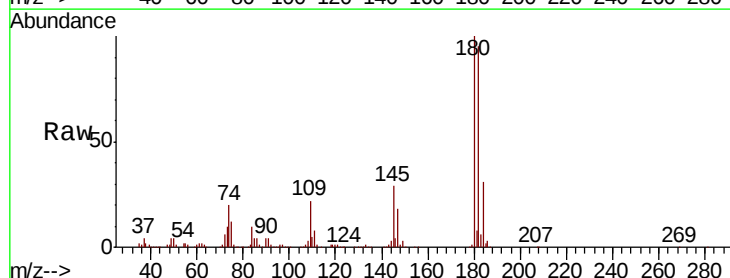
Tgt Ion:180 Resp: 100260

Ion Ratio Lower Upper

180 100

182 94.2 47.9 143.8

145 29.4 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

