

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101018\
 Data File : VX005214.D
 Acq On : 10 Oct 2018 18:40
 Operator : JC/MD
 Sample : VX1010WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS03

Quant Time: Oct 11 06:06:21 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	188111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	285778	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	282744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173228	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	135205	50.31	ug/l	0.00
Spiked Amount						
			Recovery	=	100.62%	
35) Dibromofluoromethane	5.50	113	117412	48.48	ug/l	0.00
Spiked Amount						
			Recovery	=	96.96%	
50) Toluene-d8	8.72	98	444489	55.20	ug/l	0.00
Spiked Amount						
			Recovery	=	110.40%	
62) 4-Bromofluorobenzene	11.14	95	165723	57.13	ug/l	0.00
Spiked Amount						
			Recovery	=	114.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	51645	20.136	ug/l	100
3) Chloromethane	1.32	50	57643	18.524	ug/l	97
4) Vinyl Chloride	1.40	62	55484	19.011	ug/l	99
5) Bromomethane	1.64	94	31467	18.182	ug/l	97
6) Chloroethane	1.72	64	34839	20.532	ug/l	94
7) Trichlorofluoromethane	1.93	101	72832	20.158	ug/l	92
8) Diethyl Ether	2.19	74	27976	17.823	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	39795	19.335	ug/l	99
10) Methyl Iodide	2.51	142	42574	15.458	ug/l	91
11) Tert butyl alcohol	3.07	59	76955	102.421	ug/l	99
12) 1,1-Dichloroethene	2.37	96	37550	18.423	ug/l	92
13) Acrolein	2.29	56	45514	85.139	ug/l	93
14) Allyl chloride	2.73	41	85957	19.328	ug/l	95
15) Acrylonitrile	3.15	53	160207	96.859	ug/l	95
16) Acetone	2.45	43	164710	104.990	ug/l	95
17) Carbon Disulfide	2.57	76	109233	17.835	ug/l	98
18) Methyl Acetate	2.78	43	84736	21.318	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	139345	19.820	ug/l	97
20) Methylene Chloride	2.85	84	44448	18.965	ug/l	88
21) trans-1,2-Dichloroethene	3.16	96	40864	18.315	ug/l	84
22) Diisopropyl ether	3.87	45	137177	18.318	ug/l	97
23) Vinyl Acetate	3.82	43	624622	91.120	ug/l	97
24) 1,1-Dichloroethane	3.70	63	82930	18.564	ug/l	99
25) 2-Butanone	4.71	43	215598	93.232	ug/l	96
26) 2,2-Dichloropropane	4.58	77	59170	19.021	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	43182	17.324	ug/l	94
28) Bromochloromethane	5.02	49	40238	19.128	ug/l	97
29) Tetrahydrofuran	5.17	42	133577	92.936	ug/l	98
30) Chloroform	5.21	83	75249	17.823	ug/l	99
31) Cyclohexane	5.57	56	62637	18.320	ug/l	88
32) 1,1,1-Trichloroethane	5.49	97	63159	18.318	ug/l	96
36) 1,1-Dichloropropene	5.80	75	52552	15.903	ug/l	95
37) Ethyl Acetate	4.86	43	72531	16.535	ug/l	98
38) Carbon Tetrachloride	5.78	117	55847	16.077	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	58385	17.303	ug/l	87
40) Benzene	6.15	78	162859	15.742	ug/l	96
41) Methacrylonitrile	5.07	41	39096	16.072	ug/l	96
42) 1,2-Dichloroethane	6.20	62	60785	16.621	ug/l	97
43) Isopropyl Acetate	6.47	43	104032	16.432	ug/l	96
44) Trichloroethene	7.21	130	50845	19.992	ug/l	98
45) 1,2-Dichloropropane	7.52	63	44625	17.590	ug/l	99
46) Dibromomethane	7.66	93	28745	18.029	ug/l	99
47) Bromodichloromethane	7.90	83	53816	18.028	ug/l	96
48) Methyl methacrylate	7.78	41	53515	18.623	ug/l	98
49) 1,4-Dioxane	7.76	88	26341	368.965	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	380606	95.477	ug/l	99
52) Toluene	8.79	92	101541	17.862	ug/l	95
53) t-1,3-Dichloropropene	9.04	75	57921	17.170	ug/l	91
54) cis-1,3-Dichloropropene	8.44	75	65466	18.528	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	43703	17.551	ug/l	96
56) Ethyl methacrylate	9.18	69	61982	17.323	ug/l	97
57) 1,3-Dichloropropane	9.37	76	72220	17.426	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	180351	93.512	ug/l	99
59) 2-Hexanone	9.50	43	302694	91.120	ug/l	94
60) Dibromochloromethane	9.59	129	43338	17.403	ug/l	99
61) 1,2-Dibromoethane	9.67	107	45277	16.978	ug/l	96
64) Tetrachloroethene	9.34	164	44576	16.018	ug/l	95
65) Chlorobenzene	10.14	112	113797	15.695	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	41978	16.469	ug/l	98
67) Ethyl Benzene	10.26	91	186201	16.176	ug/l	97
68) m/p-Xylenes	10.36	106	147212	32.728	ug/l	95
69) o-Xylene	10.70	106	69909	16.921	ug/l	99
70) Styrene	10.71	104	118288	16.793	ug/l	99
71) Bromoform	10.86	173	34852	15.971	ug/l #	96
73) Isopropylbenzene	11.02	105	191198	17.511	ug/l	100
74) N-amyl acetate	10.90	43	86439	15.647	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	69771	15.698	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	80062	20.620	ug/l	84
77) Bromobenzene	11.26	156	53082	16.737	ug/l	98
78) n-propylbenzene	11.36	91	218591	17.448	ug/l	99
79) 2-Chlorotoluene	11.42	91	134258	17.193	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	164599	16.314	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	19018	14.816	ug/l	96
82) 4-Chlorotoluene	11.51	91	157185	17.101	ug/l	99
83) tert-Butylbenzene	11.77	119	160250	17.826	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	168002	16.145	ug/l	98
85) sec-Butylbenzene	11.94	105	193039	17.629	ug/l	99
86) p-Isopropyltoluene	12.07	119	170755	17.212	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	97161	16.407	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	98961	16.188	ug/l	99
89) n-Butylbenzene	12.39	91	146528	16.263	ug/l	100
90) Hexachloroethane	12.60	117	27489	16.642	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	96539	15.599	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15681	16.068	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	69252	15.952	ug/l	99
94) Hexachlorobutadiene	13.79	225	36267	16.110	ug/l	98
95) Naphthalene	13.83	128	211004	15.153	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	73243	16.332	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

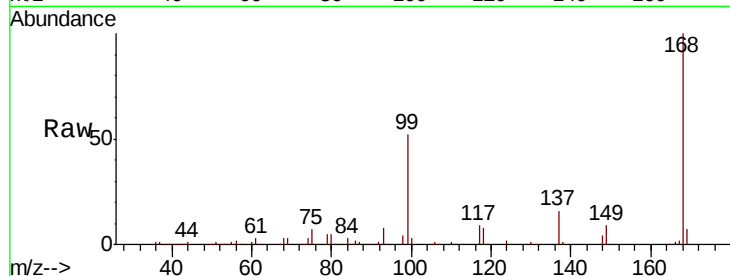
VX1010WBS03

Tot Ion:168 Resp: 188111

Ion Ratio Lower Upper

168 100

99 51.6 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

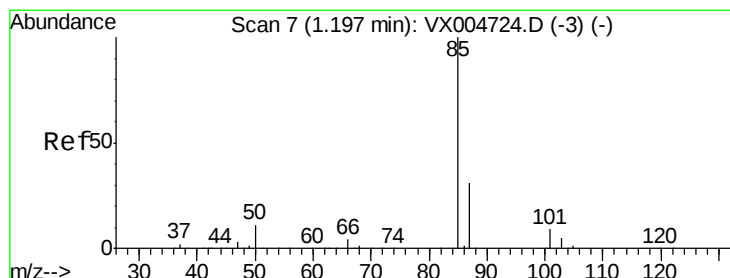
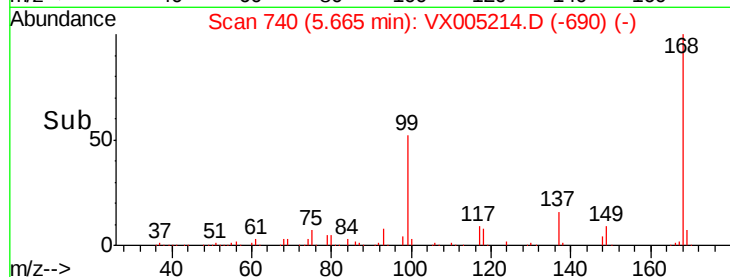
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.136 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005214.D

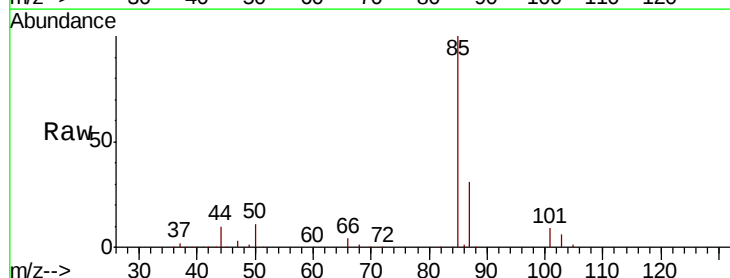
Acq: 10 Oct 2018 18:40

Tgt Ion: 85 Resp: 51645

Ion Ratio Lower Upper

85 100

87 31.2 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

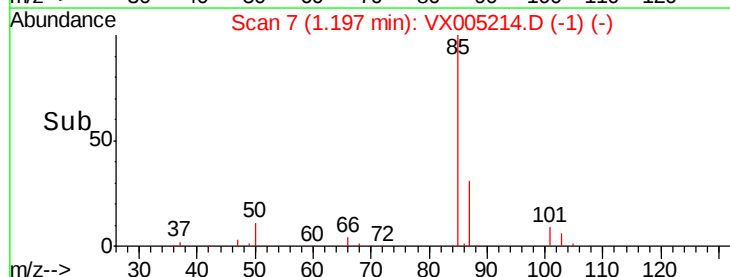
30000

20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.524 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

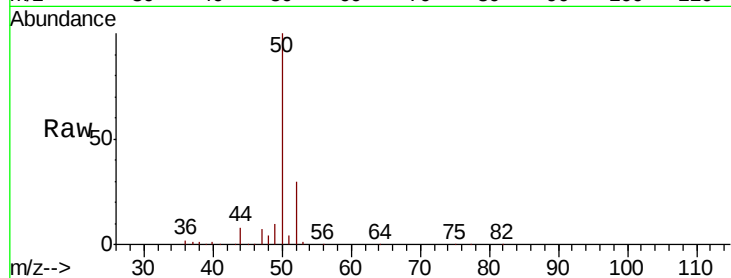
VX1010WBS03

Tot Ion: 50 Resp: 57643

Ion Ratio Lower Upper

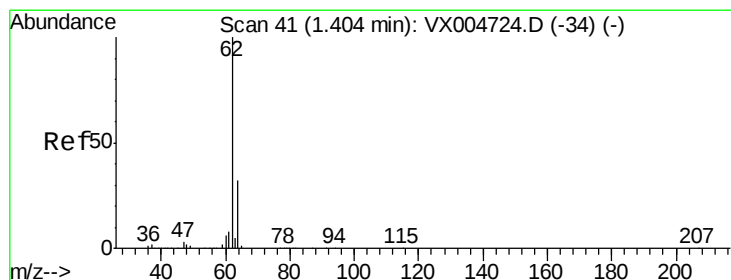
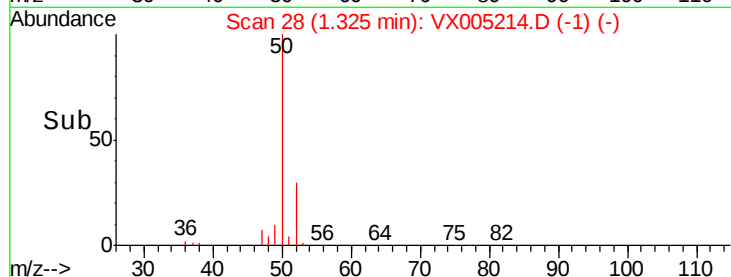
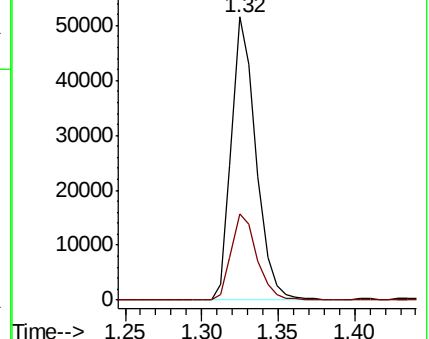
50 100

52 30.3 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.011 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005214.D

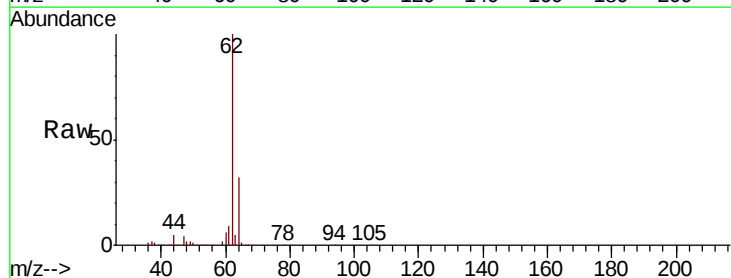
Acq: 10 Oct 2018 18:40

Tgt Ion: 62 Resp: 55484

Ion Ratio Lower Upper

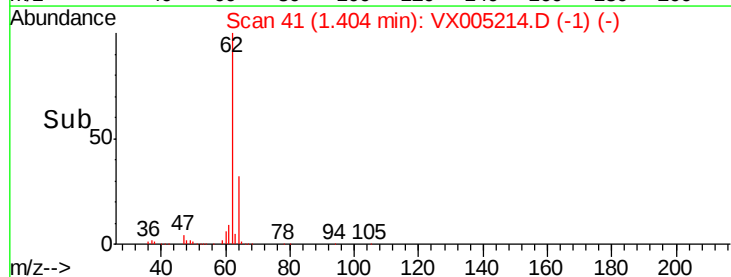
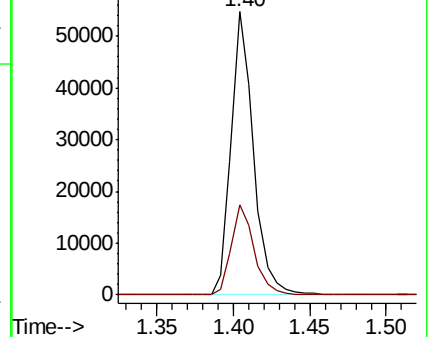
62 100

64 31.5 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 18.182 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

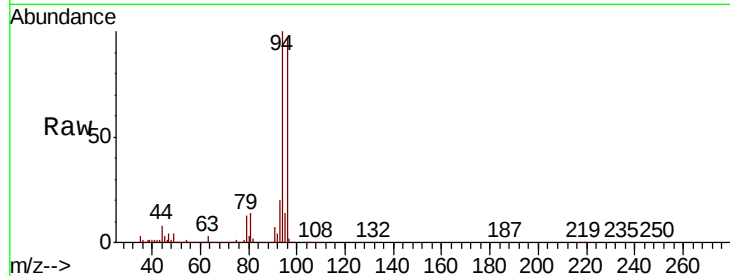
VX1010WBS03

Tot Ion: 94 Resp: 31467

Ion Ratio Lower Upper

94 100

96 96.5 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

40000

30000

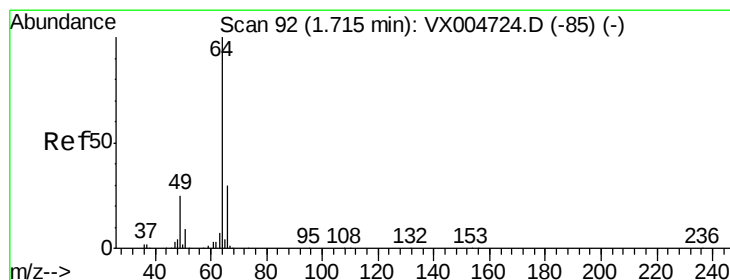
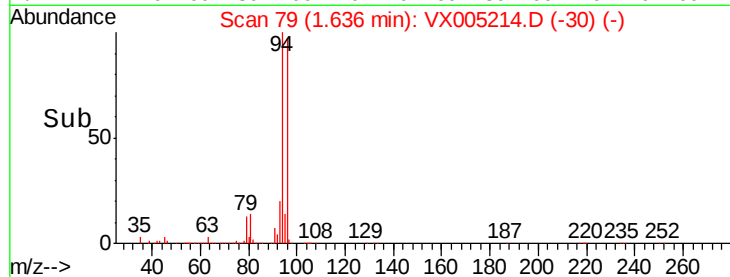
20000

10000

0

1.60 1.65 1.70 1.75

Time-->



#6

Chloroethane

Concen: 20.532 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005214.D

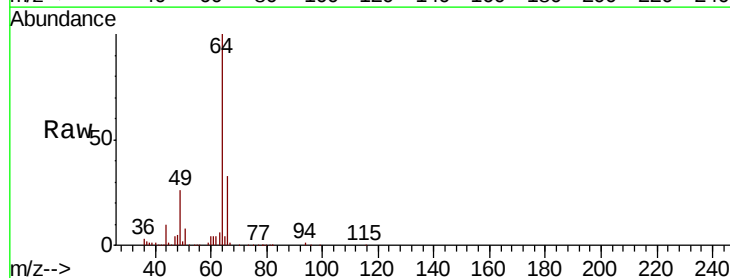
Acq: 10 Oct 2018 18:40

Tgt Ion: 64 Resp: 34839

Ion Ratio Lower Upper

64 100

66 33.1 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

25000

20000

15000

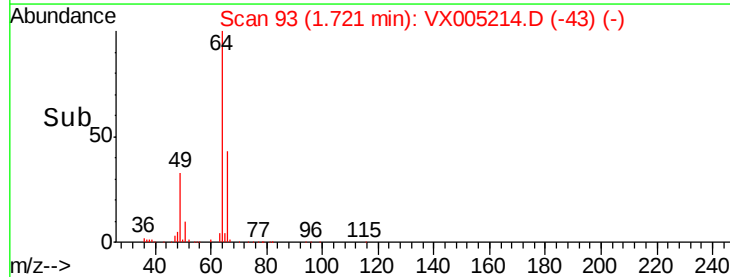
10000

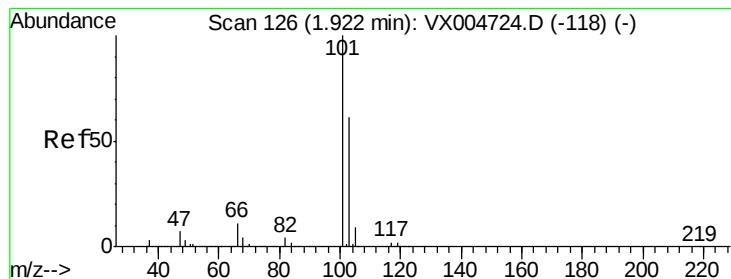
5000

0

1.60 1.70 1.80

Time-->





#7

Trichlorofluoromethane

Concen: 20.158 ug/l

RT: 1.93 min Scan# 127

Delta R.T. 0.01 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

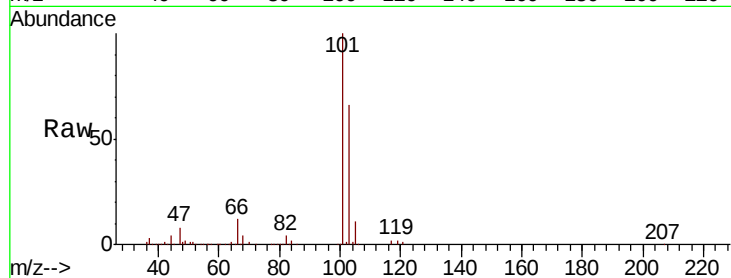
VX1010WBS03

Tot Ion:101 Resp: 72832

Ion Ratio Lower Upper

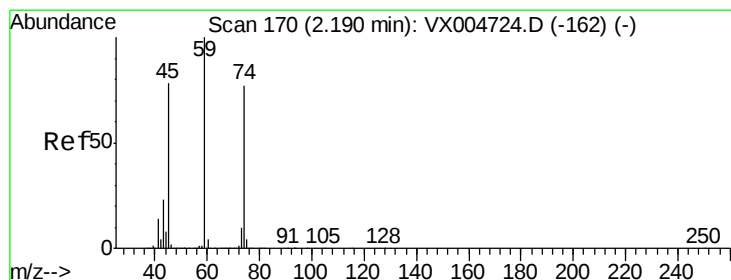
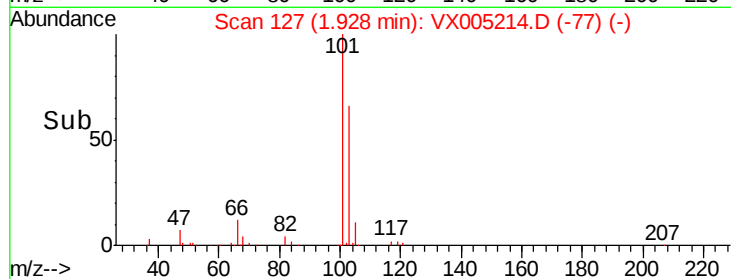
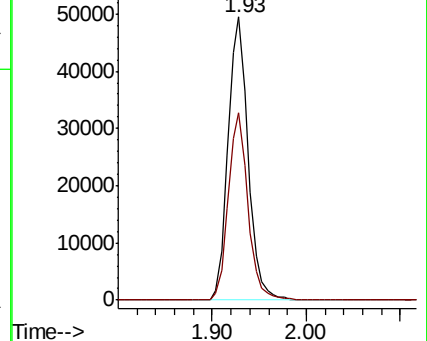
101 100

103 66.4 48.4 72.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 17.823 ug/l

RT: 2.19 min Scan# 170

Delta R.T. 0.00 min

Lab File: VX005214.D

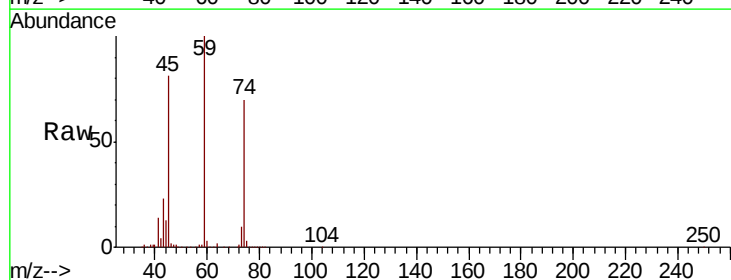
Acq: 10 Oct 2018 18:40

Tgt Ion: 74 Resp: 27976

Ion Ratio Lower Upper

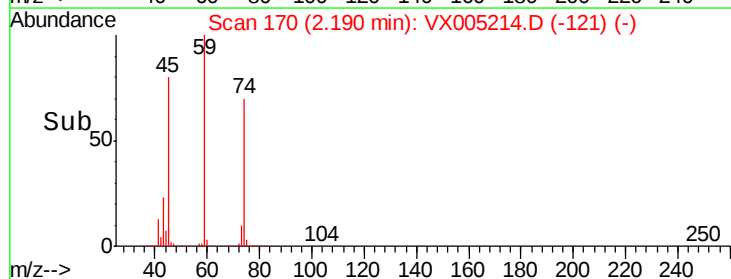
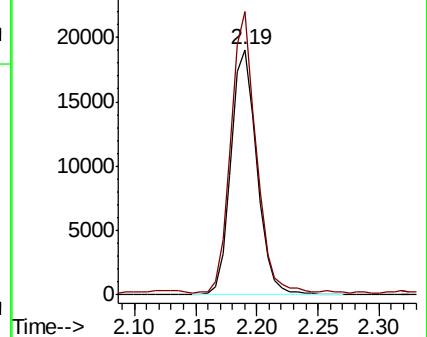
74 100

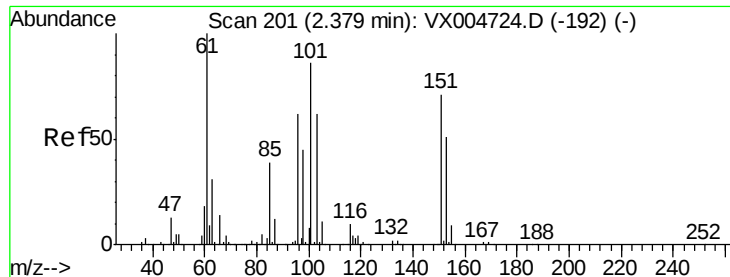
45 110.4 52.5 157.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.335 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

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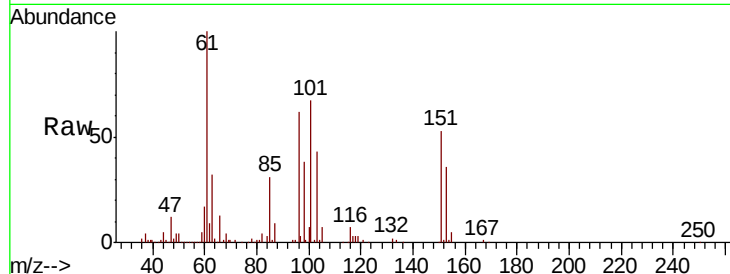
Tot Ion:101 Resp: 39795

Ion Ratio Lower Upper

101 100

85 43.9 35.9 53.9

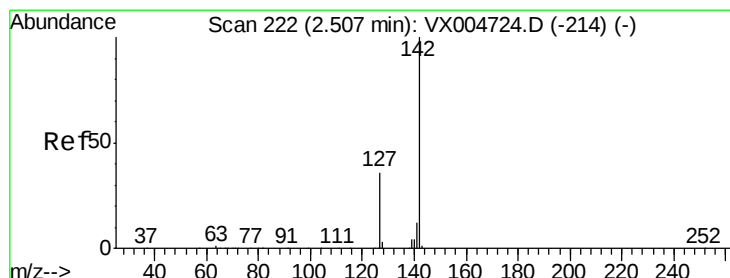
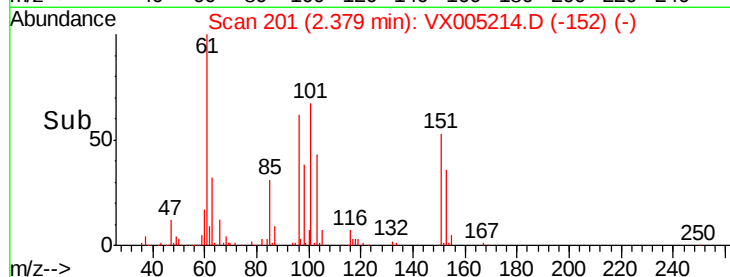
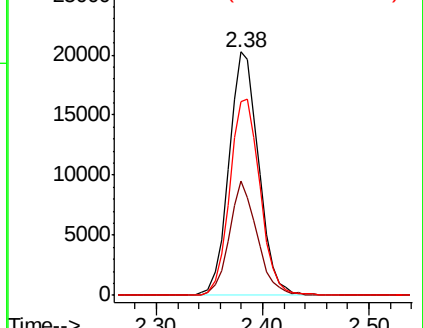
151 82.0 66.6 100.0



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: 15.458 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

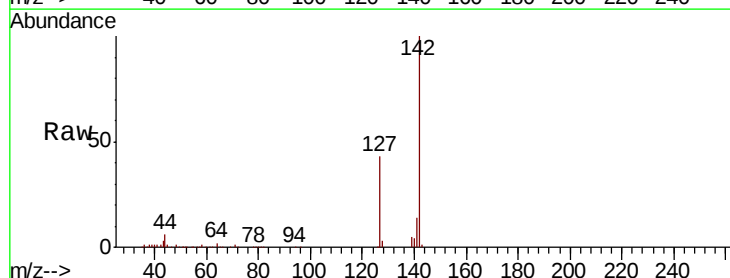
Tgt Ion:142 Resp: 42574

Ion Ratio Lower Upper

142 100

127 43.8 30.1 45.1

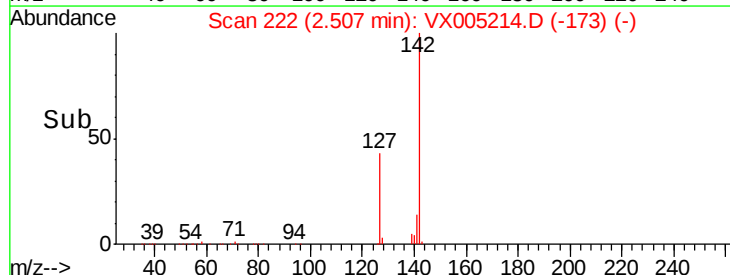
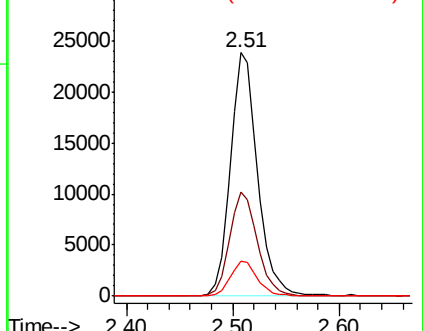
141 14.2 10.1 15.1

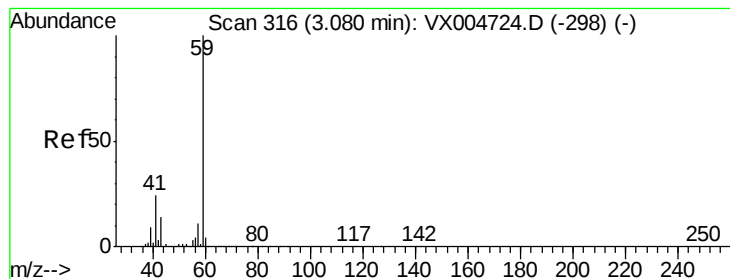


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



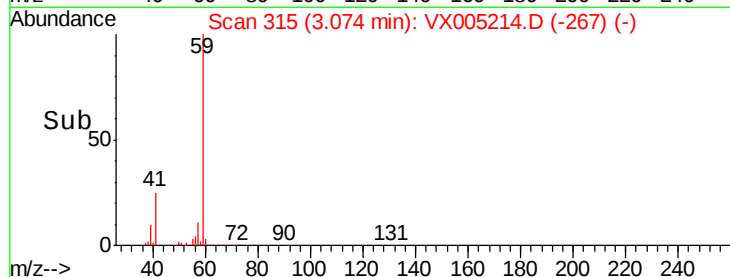
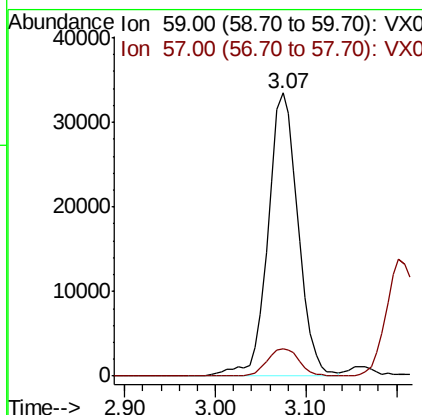
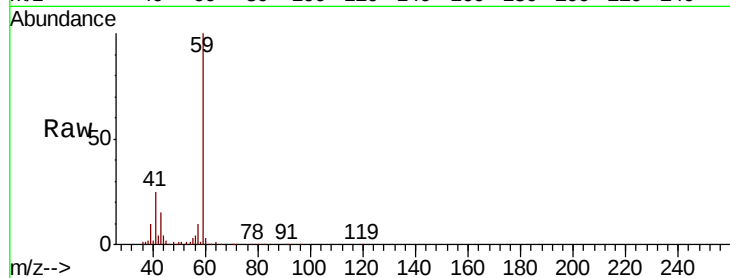


#11

Tert butyl alcohol
 Concen: 102.421 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS03

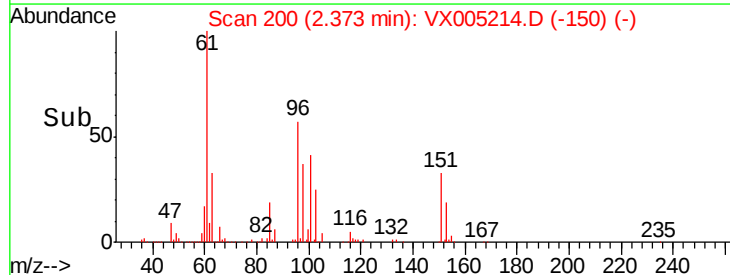
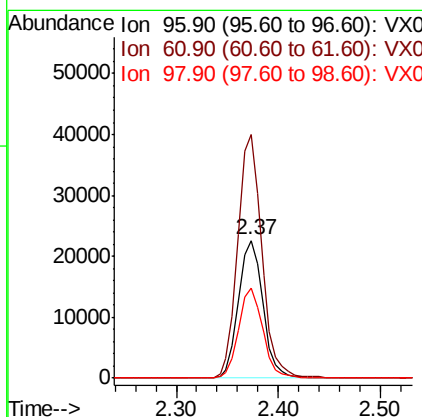
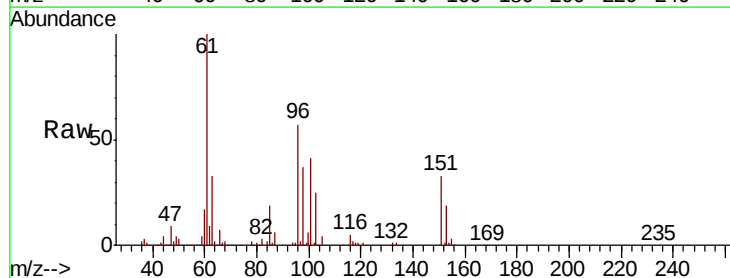
Tot Ion: 59 Resp: 76955
 Ion Ratio Lower Upper
 59 100
 57 10.2 8.6 12.8

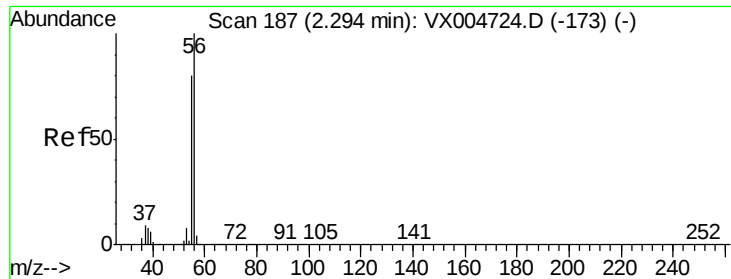


#12

1,1-Dichloroethene
 Concen: 18.423 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Tgt Ion: 96 Resp: 37550
 Ion Ratio Lower Upper
 96 100
 61 177.0 130.2 195.4
 98 65.8 53.4 80.0





#13

Acrolein

Concen: 85.139 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

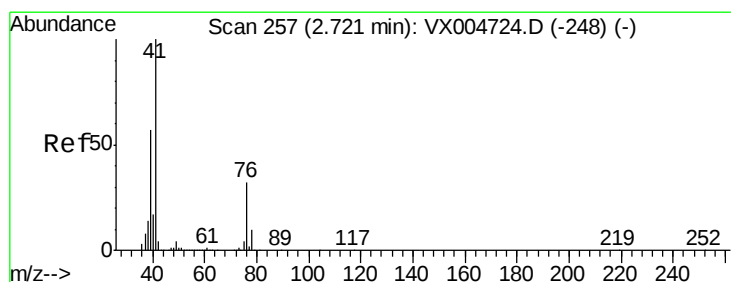
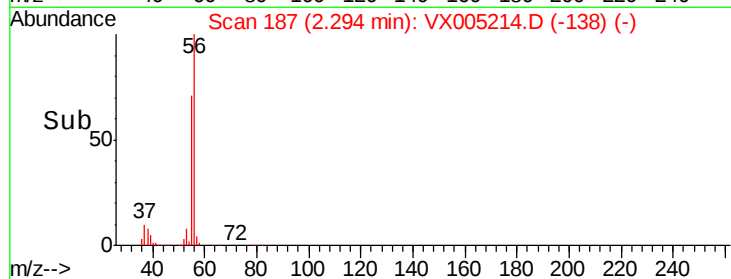
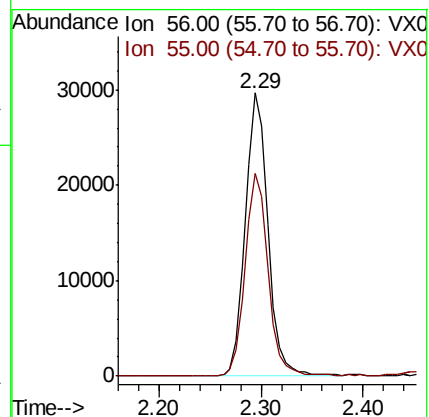
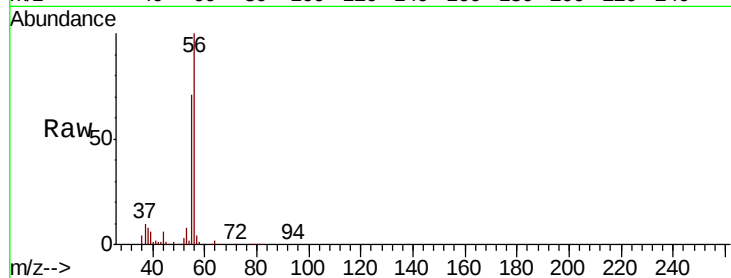
VX1010WBS03

Tot Ion: 56 Resp: 45514

Ion Ratio Lower Upper

56 100

55 72.9 63.4 95.2



#14

Allyl chloride

Concen: 19.328 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

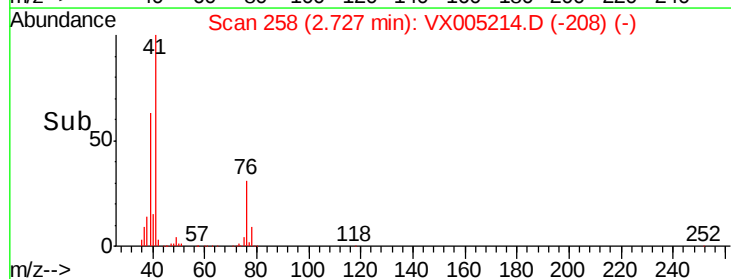
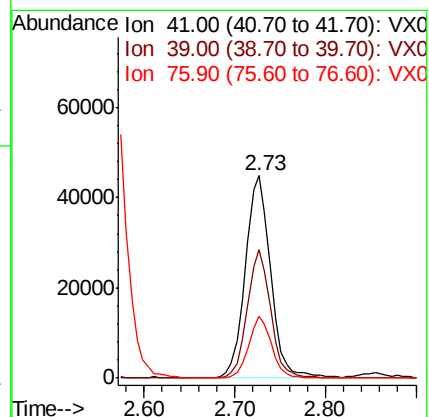
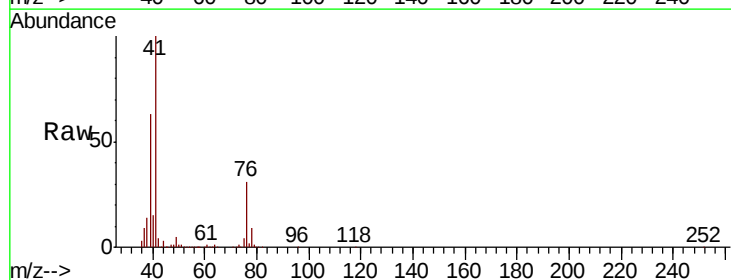
Tgt Ion: 41 Resp: 85957

Ion Ratio Lower Upper

41 100

39 58.4 44.1 66.1

76 27.9 25.0 37.4





#15

Acrylonitrile

Concen: 96.859 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS03

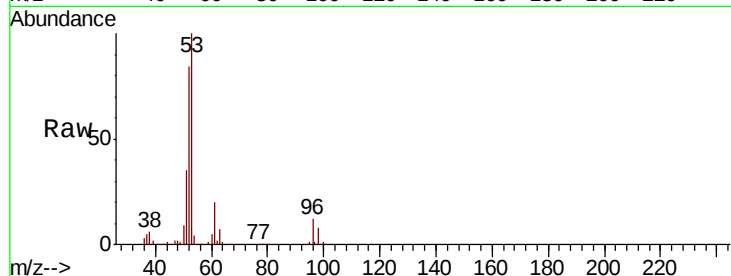
Tot Ion: 53 Resp: 160207

Ion Ratio Lower Upper

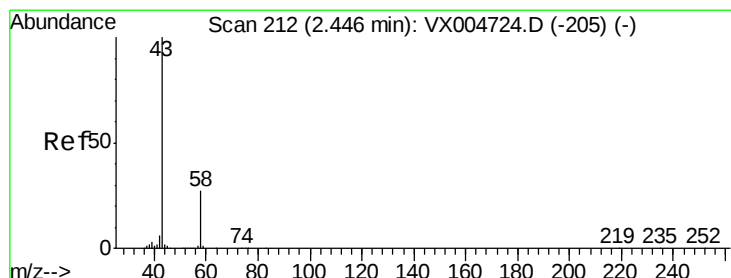
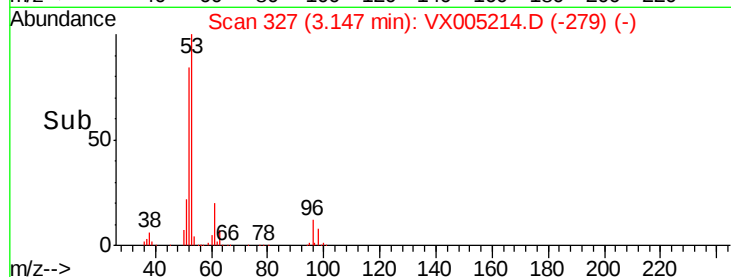
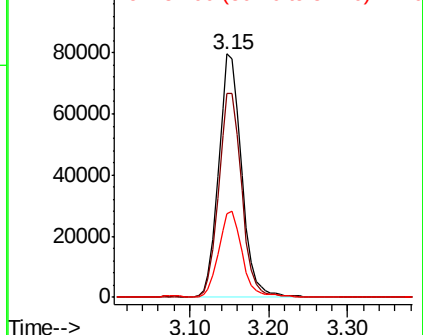
53 100

52 84.2 63.0 94.4

51 36.3 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: 104.990 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005214.D

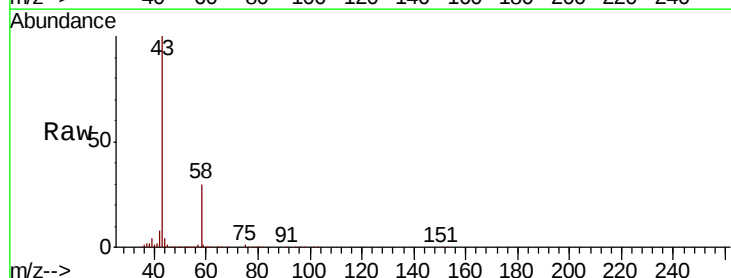
Acq: 10 Oct 2018 18:40

Tgt Ion: 43 Resp: 164710

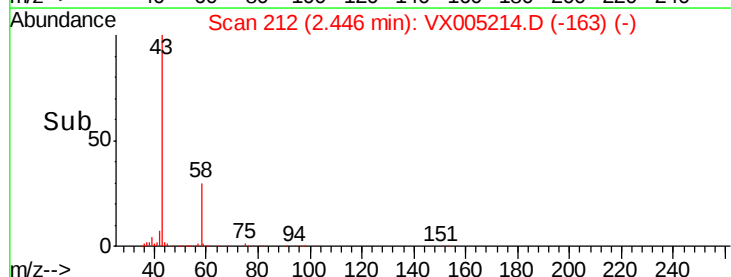
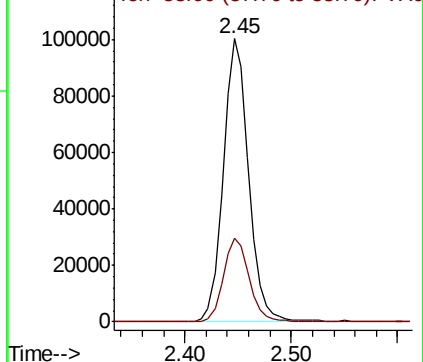
Ion Ratio Lower Upper

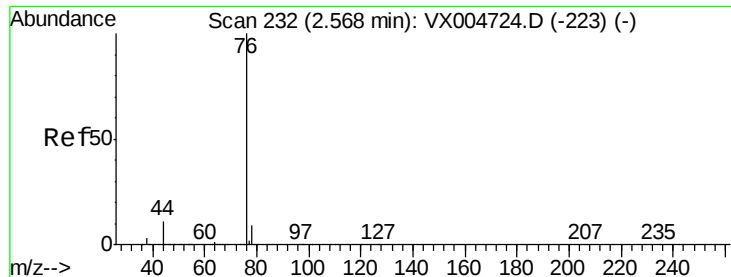
43 100

58 29.8 21.8 32.6



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

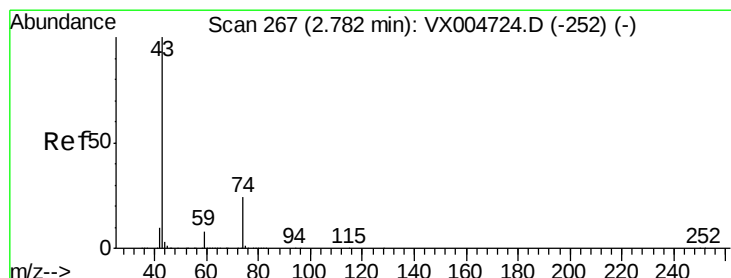
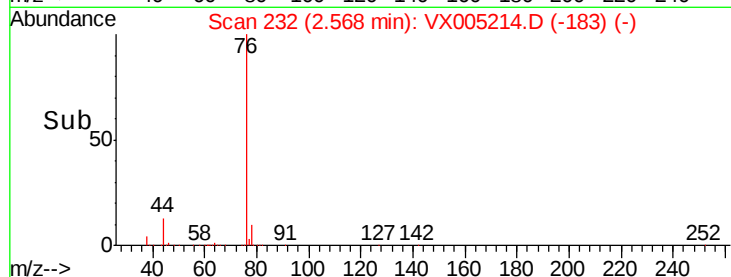
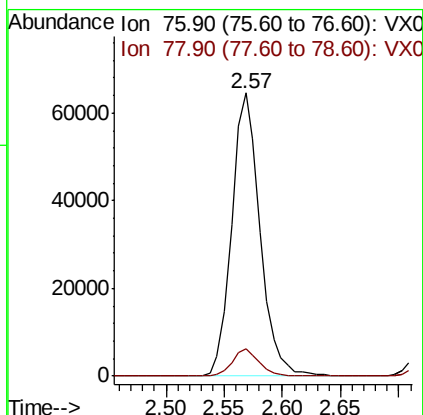
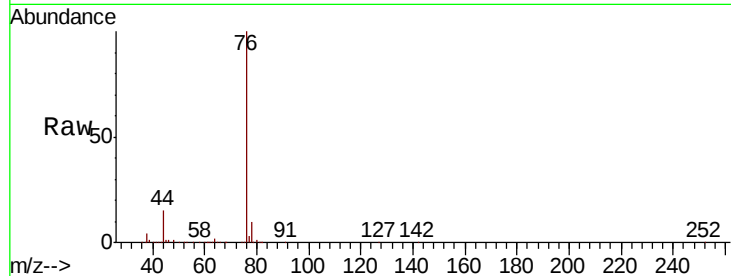




#17
Carbon Disulfide
Concen: 17.835 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

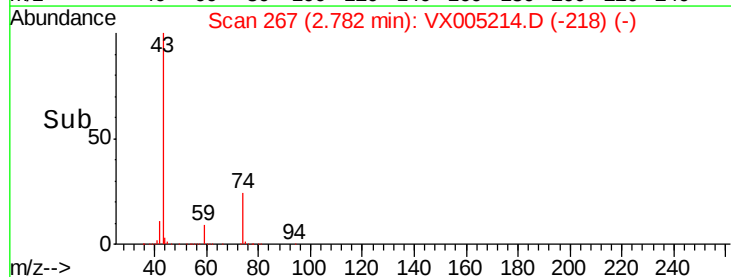
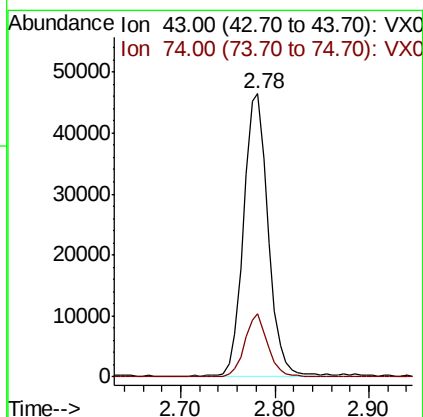
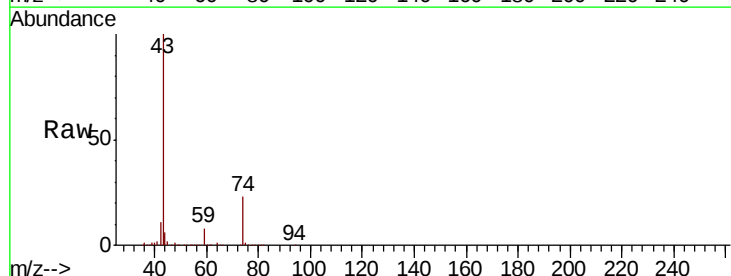
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS03

Tot Ion: 76 Resp: 109233
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.6



#18
Methyl Acetate
Concen: 21.318 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Tgt Ion: 43 Resp: 84736
Ion Ratio Lower Upper
43 100
74 21.0 17.8 26.8



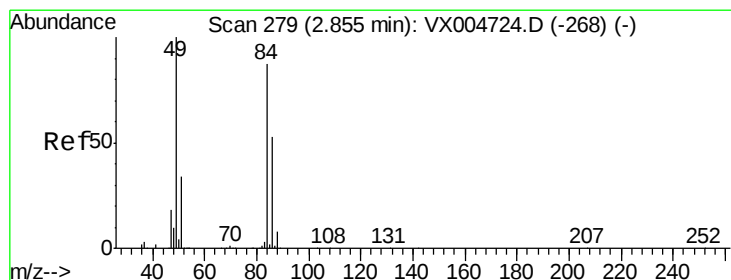
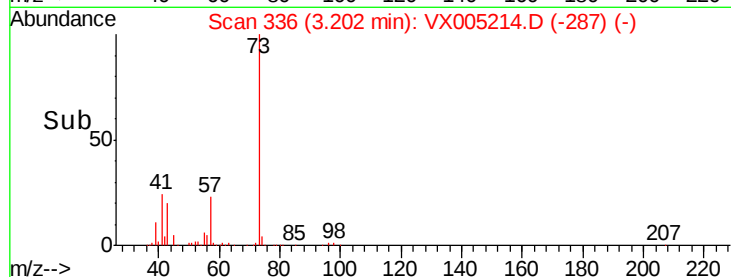
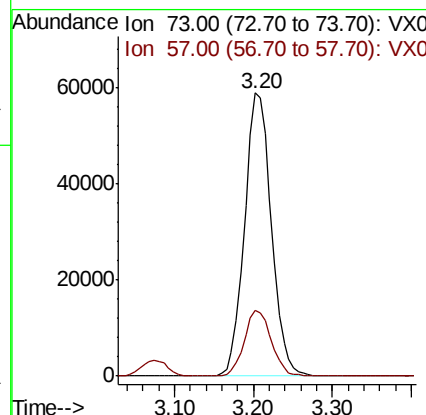
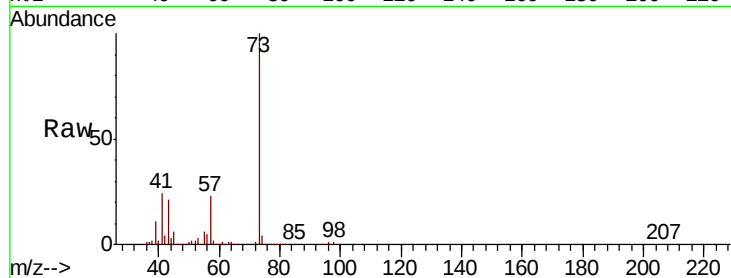


#19

Methyl tert-butyl Ether
 Concen: 19.820 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS03

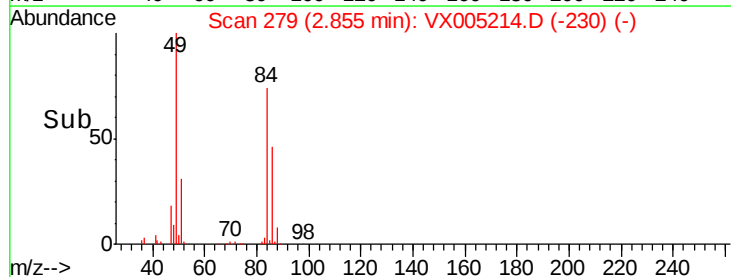
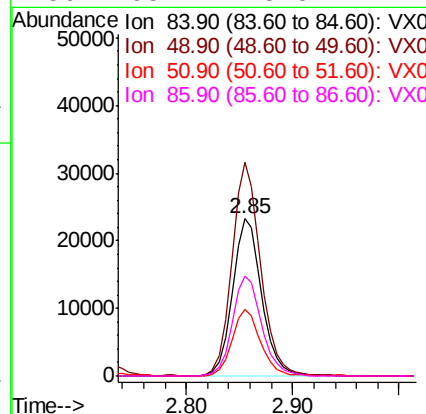
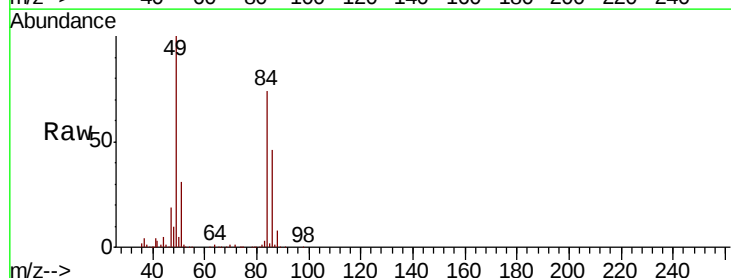
Tot Ion: 73 Resp: 139345
 Ion Ratio Lower Upper
 73 100
 57 23.3 19.9 29.9

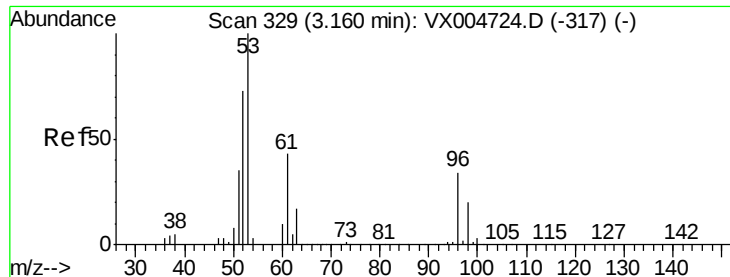


#20

Methylene Chloride
 Concen: 18.965 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Tgt Ion: 84 Resp: 44448
 Ion Ratio Lower Upper
 84 100
 49 135.9 92.3 138.5
 51 42.6 31.8 47.6
 86 63.2 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 18.315 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS03

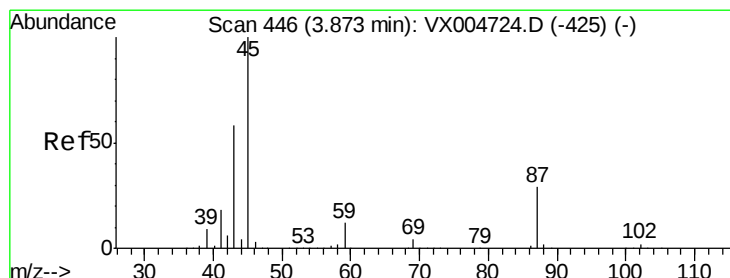
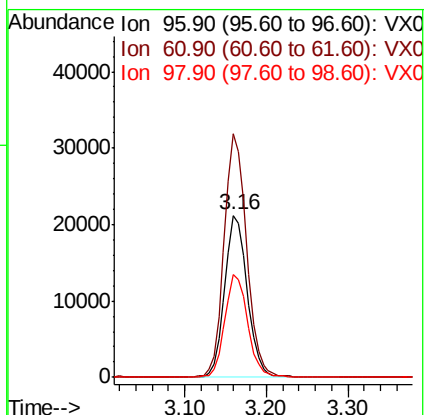
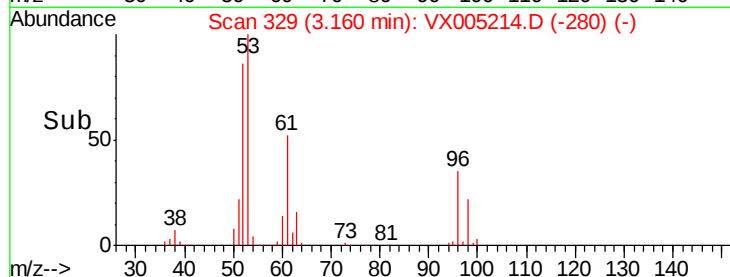
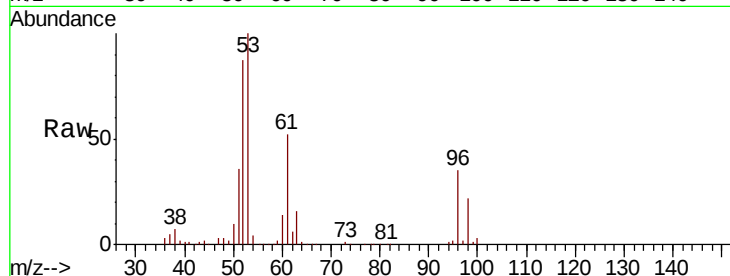
Tot Ion: 96 Resp: 40864

Ion Ratio Lower Upper

96 100

61 150.3 101.0 151.6

98 63.6 47.2 70.8



#22

Diisopropyl ether

Concen: 18.318 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Tgt Ion: 45 Resp: 137177

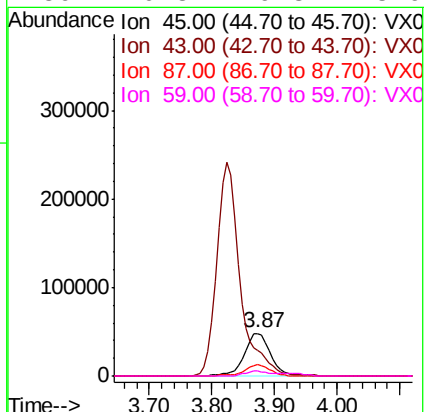
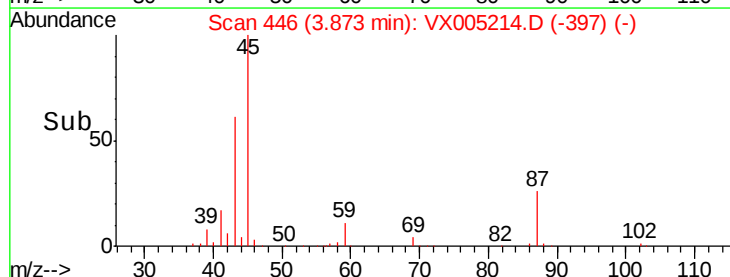
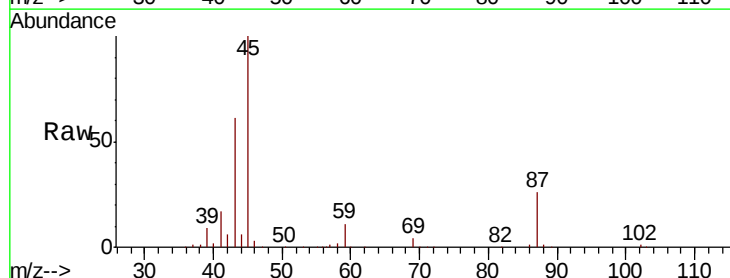
Ion Ratio Lower Upper

45 100

43 60.5 46.7 70.1

87 26.3 22.9 34.3

59 10.8 9.3 13.9





#23

Vinyl Acetate

Concen: 91.120 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

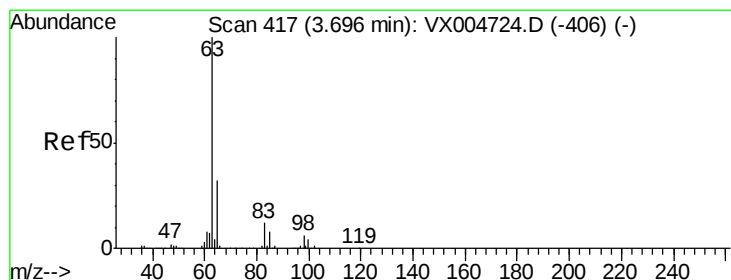
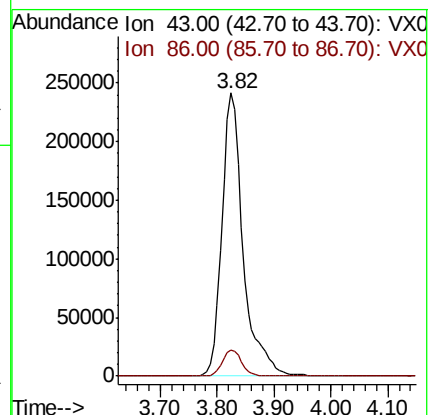
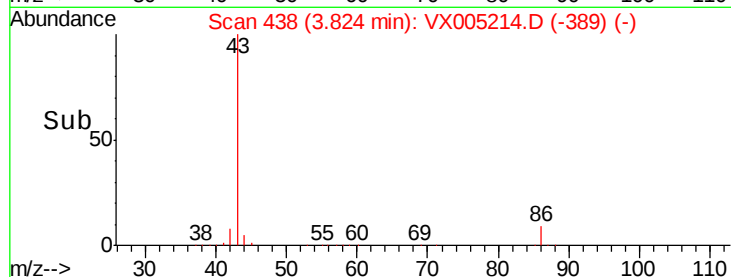
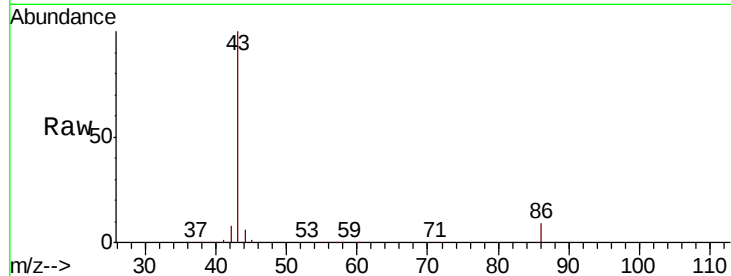
VX1010WBS03

Tot Ion: 43 Resp: 624622

Ion Ratio Lower Upper

43 100

86 9.0 8.1 12.1



#24

1,1-Dichloroethane

Concen: 18.564 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

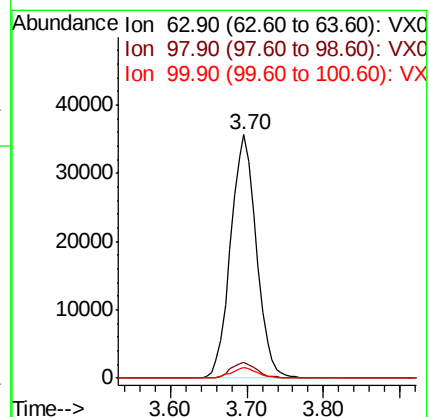
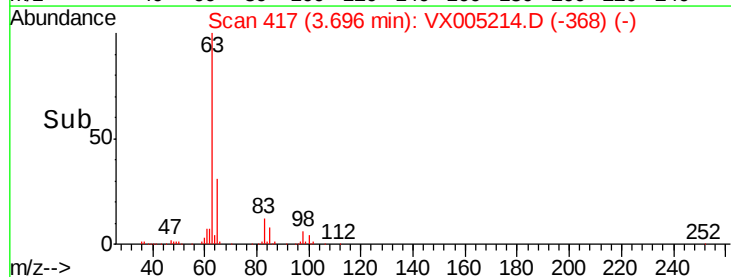
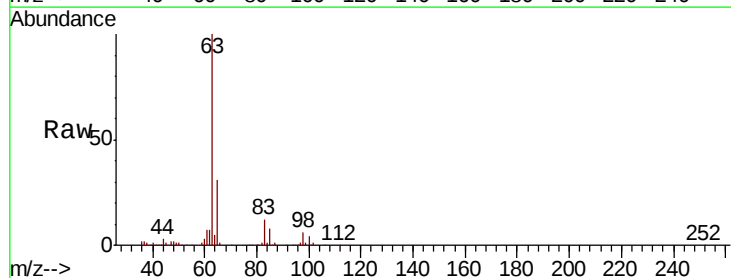
Tgt Ion: 63 Resp: 82930

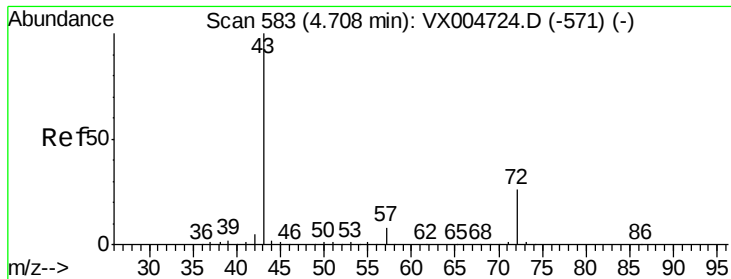
Ion Ratio Lower Upper

63 100

98 6.3 3.0 9.2

100 4.3 2.0 5.8





#25

2-Butanone

Concen: 93.232 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

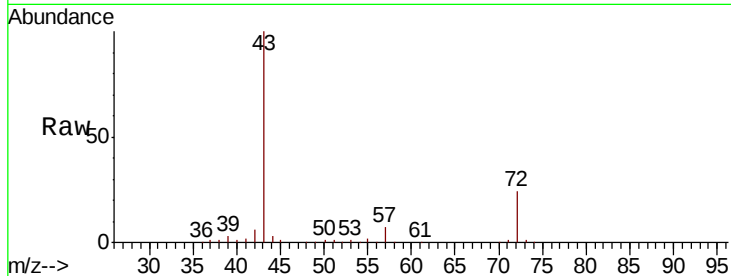
VX1010WBS03

Tot Ion: 43 Resp: 215598

Ion Ratio Lower Upper

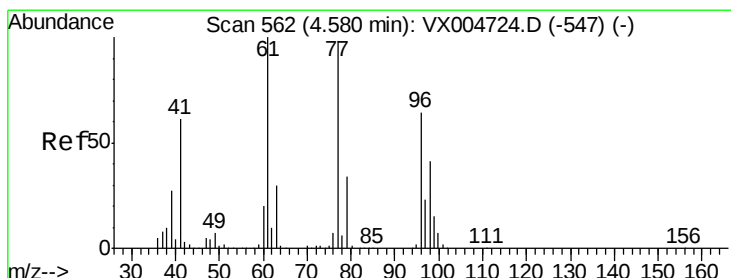
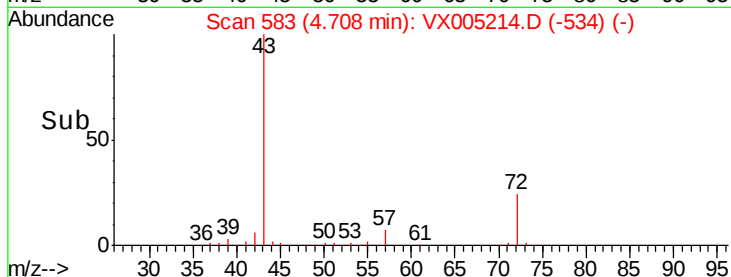
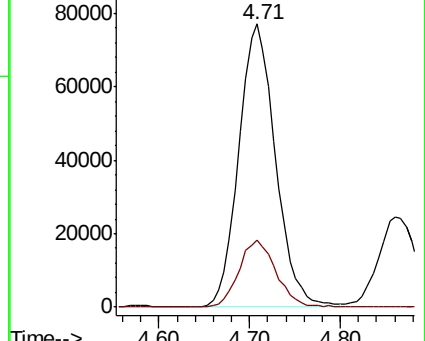
43 100

72 23.8 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.021 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005214.D

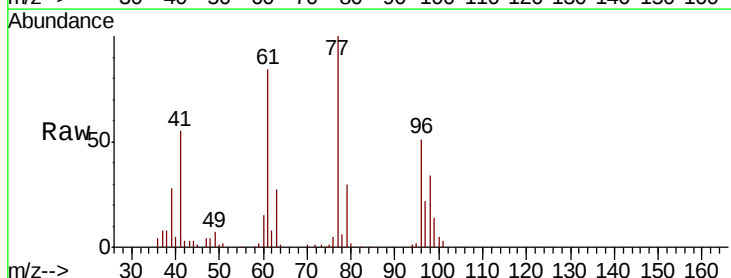
Acq: 10 Oct 2018 18:40

Tgt Ion: 77 Resp: 59170

Ion Ratio Lower Upper

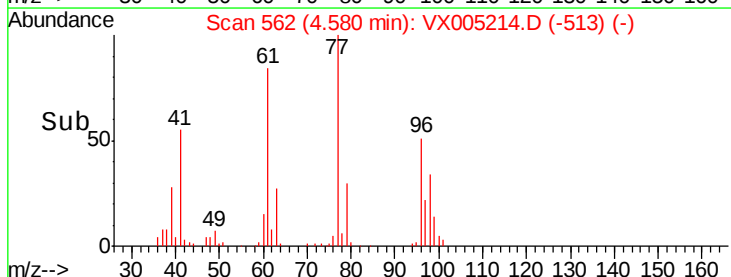
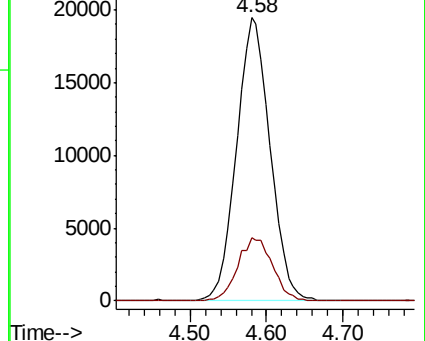
77 100

97 23.0 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



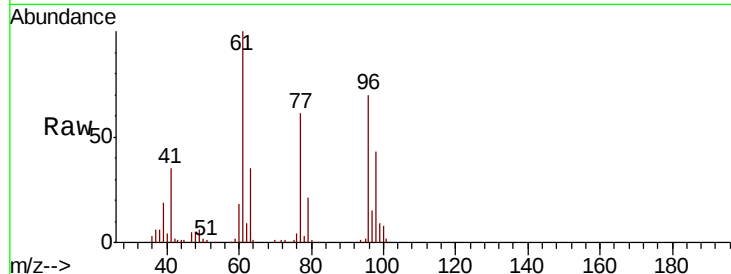


#27

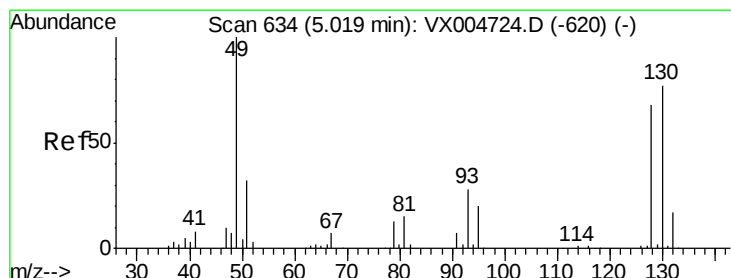
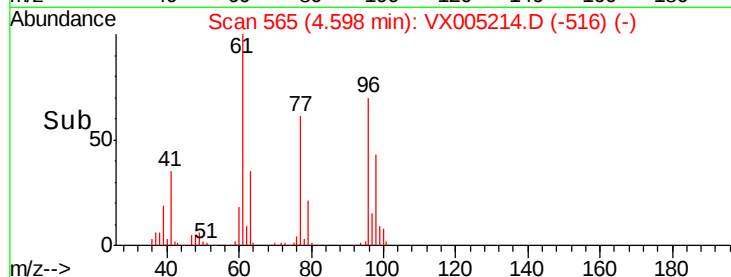
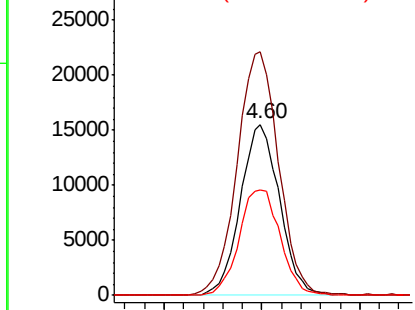
cis-1,2-Dichloroethene
Concen: 17.324 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS03

Tot Ion: 96 Resp: 43182
Ion Ratio Lower Upper
96 100
61 151.1 0.0 285.8
98 65.0 0.0 136.2



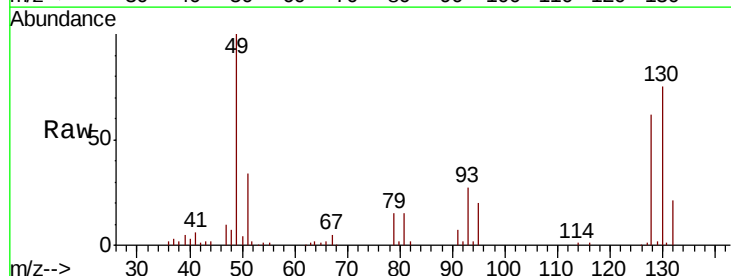
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



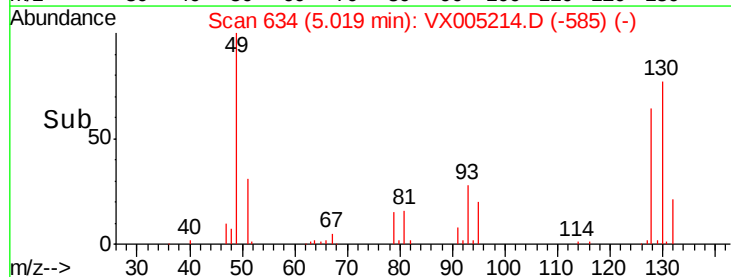
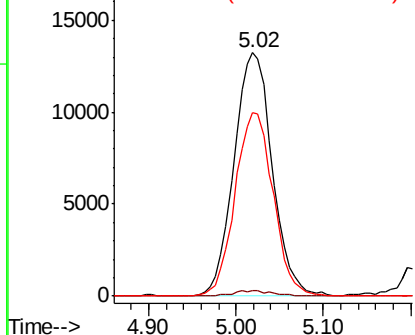
#28

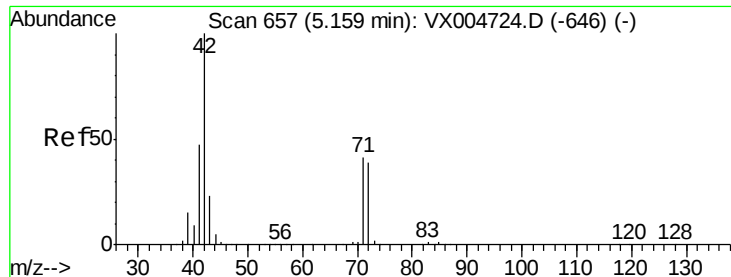
Bromochloromethane
Concen: 19.128 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Tgt Ion: 49 Resp: 40238
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 75.0 62.0 93.0



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

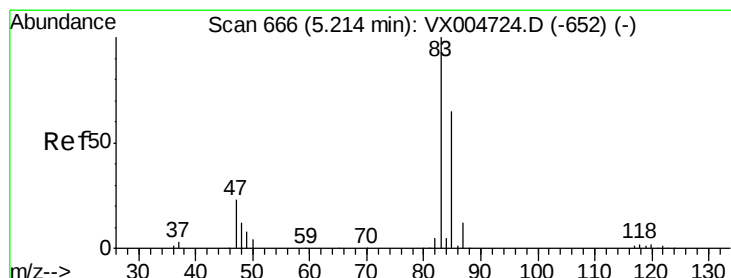
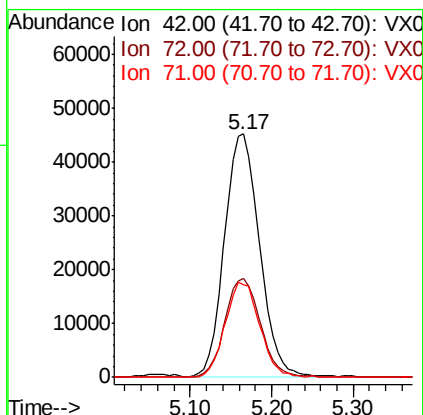
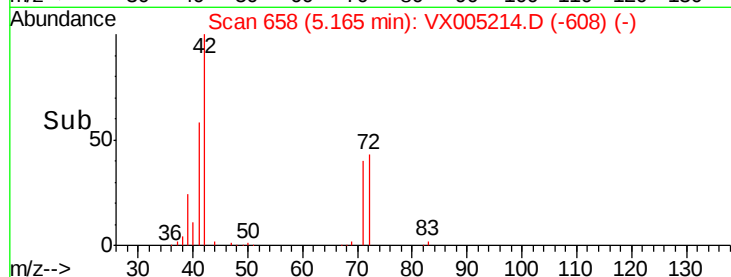
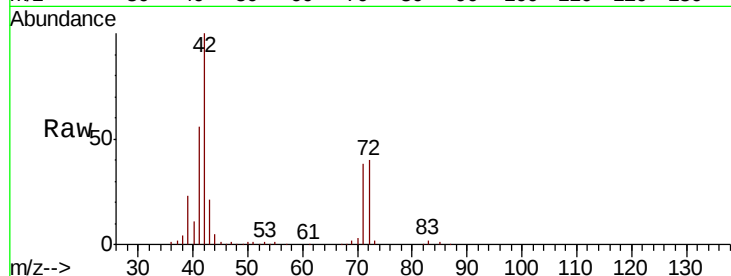




#29
Tetrahydrofuran
Concen: 92.936 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

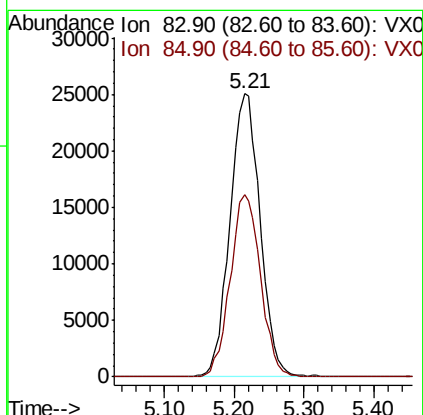
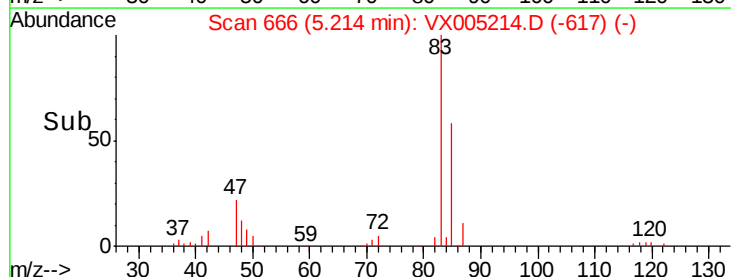
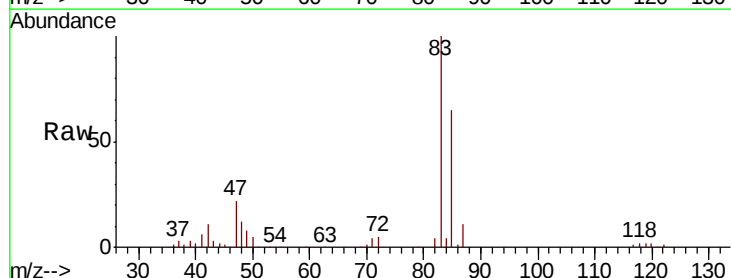
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS03

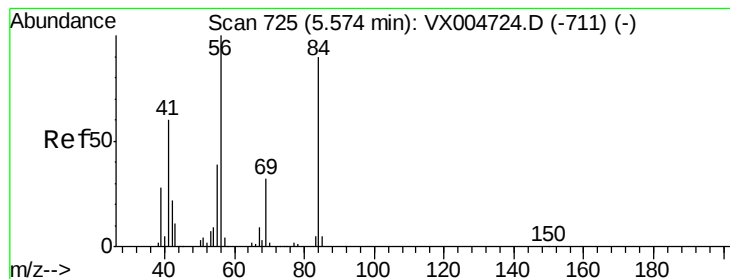
Tot Ion: 42 Resp: 133577
Ion Ratio Lower Upper
42 100
72 41.6 33.7 50.5
71 38.7 32.2 48.4



#30
Chloroform
Concen: 17.823 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Tgt Ion: 83 Resp: 75249
Ion Ratio Lower Upper
83 100
85 64.6 52.4 78.6





#31

Cyclohexane

Concen: 18.320 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS03

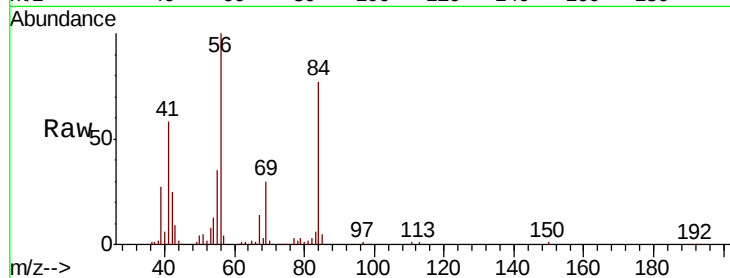
Tot Ion: 56 Resp: 62637

Ion Ratio Lower Upper

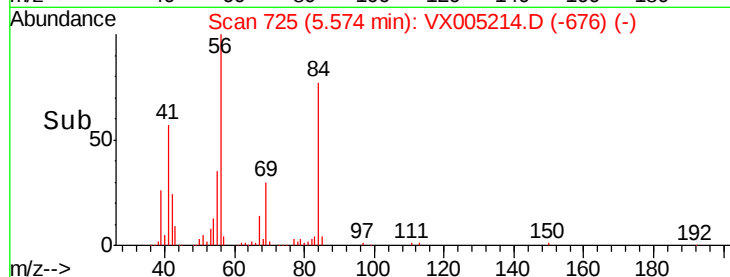
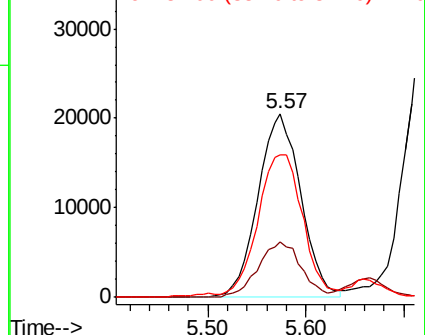
56 100

69 30.3 25.9 38.9

84 76.3 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: 18.318 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

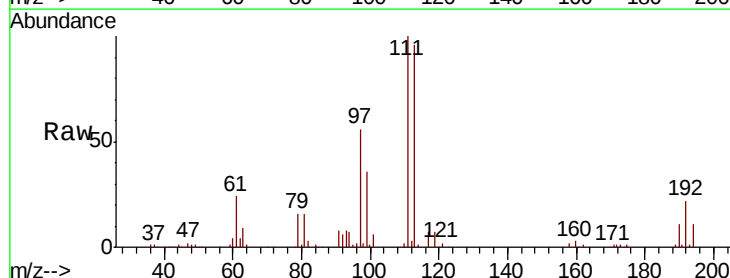
Tgt Ion: 97 Resp: 63159

Ion Ratio Lower Upper

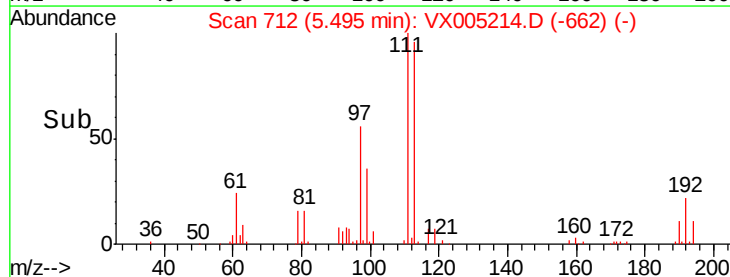
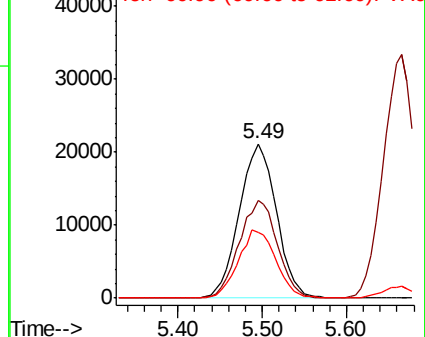
97 100

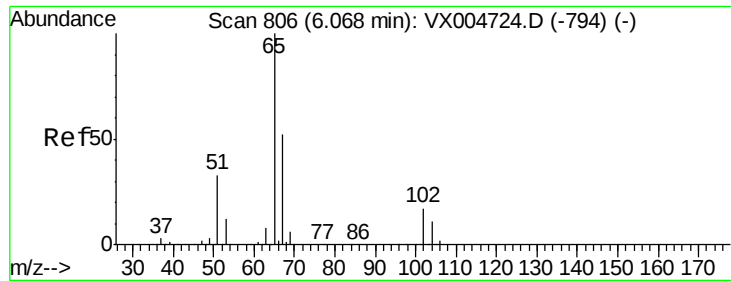
99 65.1 54.6 82.0

61 44.6 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: 50.315 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

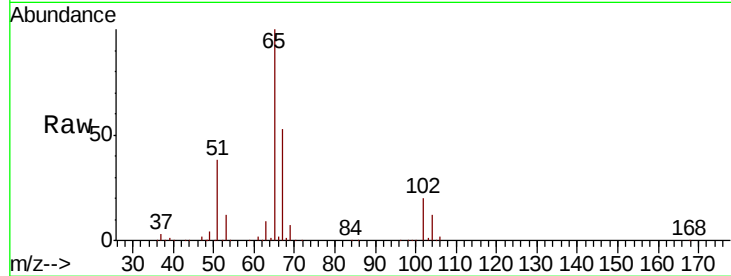
VX1010WBS03

Tot Ion: 65 Resp: 135205

Ion Ratio Lower Upper

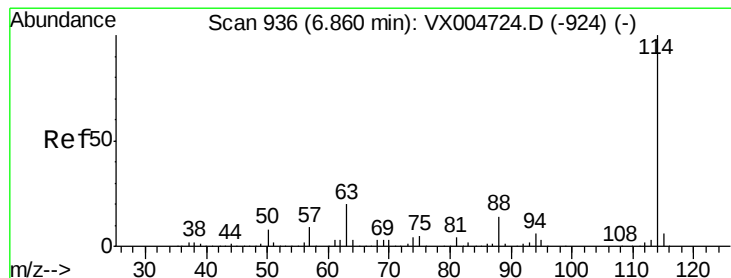
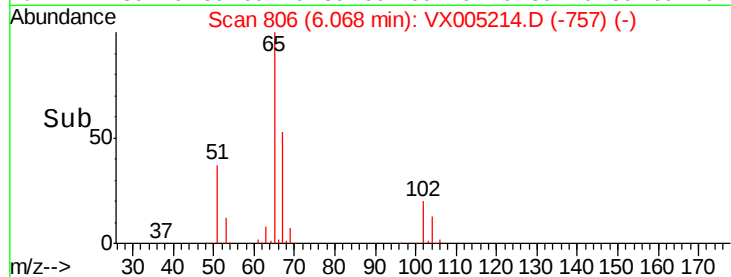
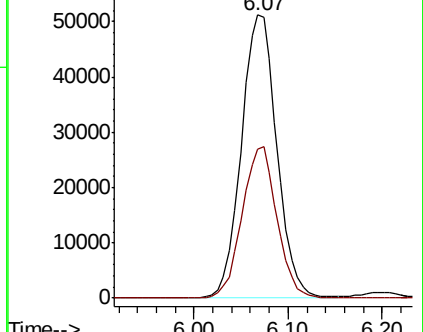
65 100

67 52.5 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

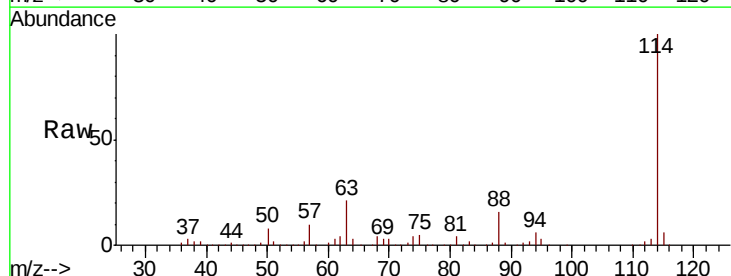
Tgt Ion: 114 Resp: 285778

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.8

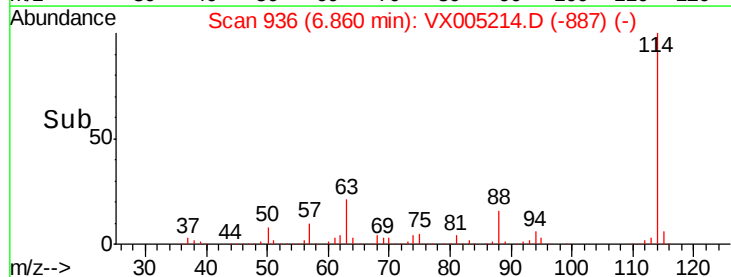
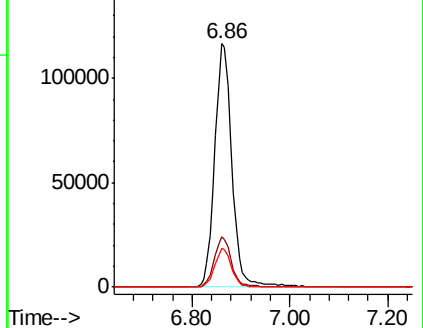
88 15.7 0.0 27.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.477 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS03

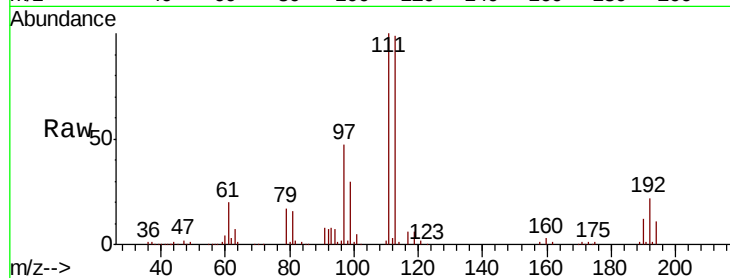
Tot Ion:113 Resp: 117412

Ion Ratio Lower Upper

113 100

111 101.7 77.0 115.4

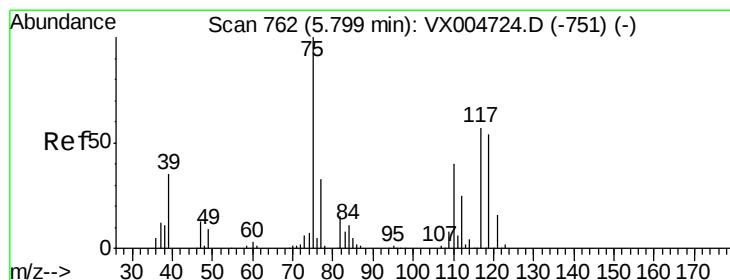
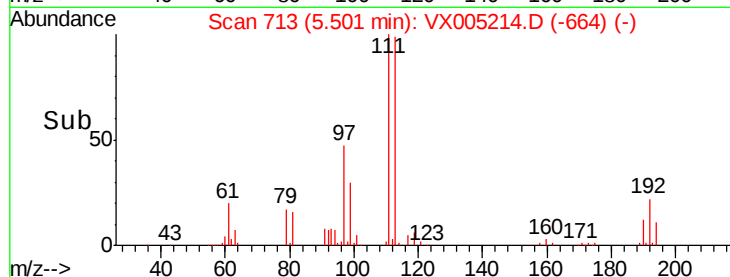
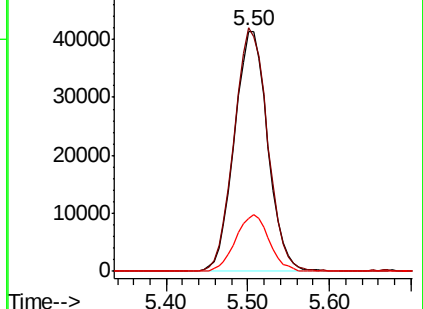
192 23.7 17.0 25.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 15.903 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

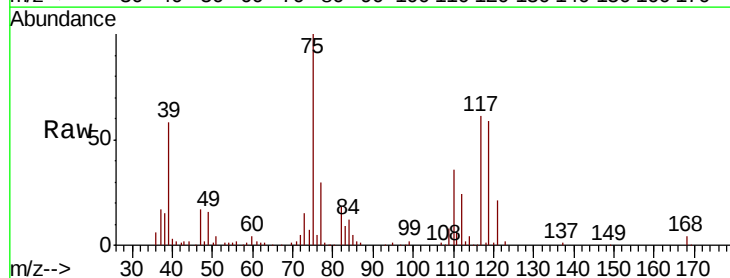
Tgt Ion: 75 Resp: 52552

Ion Ratio Lower Upper

75 100

110 36.8 20.0 59.9

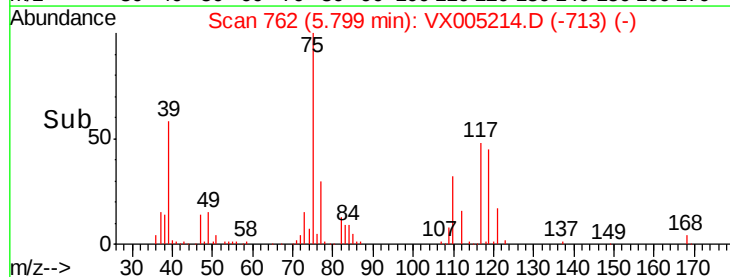
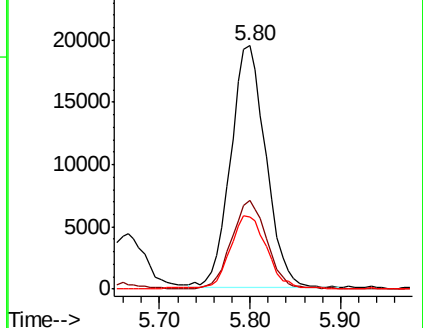
77 31.4 27.1 40.7

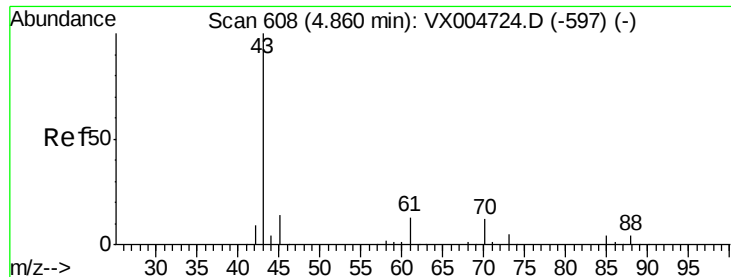


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

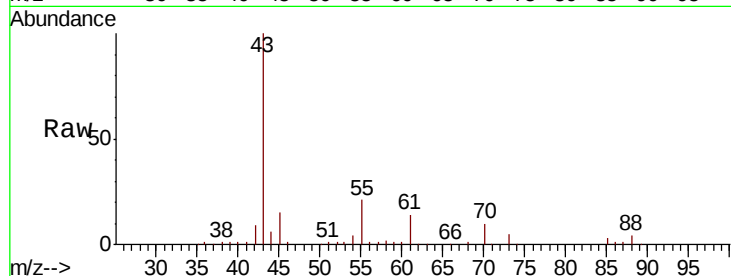




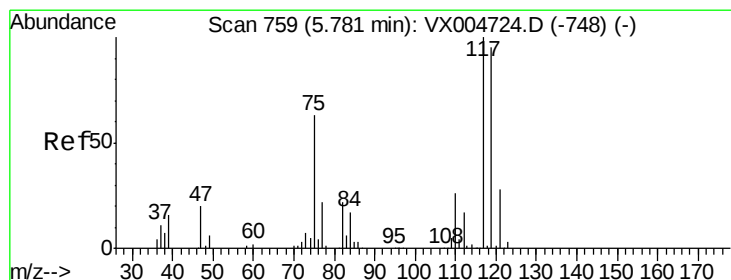
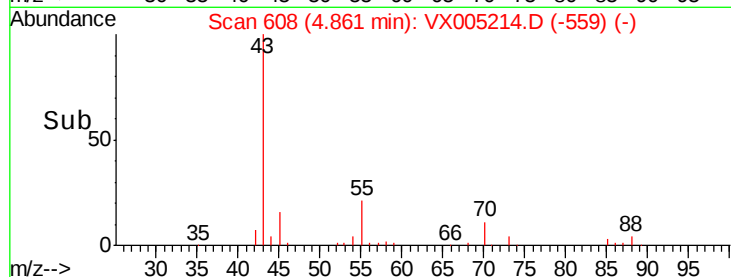
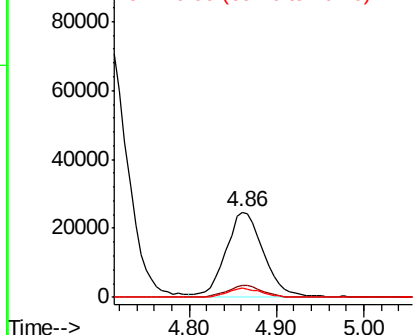
#37
Ethyl Acetate
Concen: 16.535 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS03

Tot Ion: 43 Resp: 72531
Ion Ratio Lower Upper
43 100
61 14.0 10.4 15.6
70 10.4 8.7 13.1

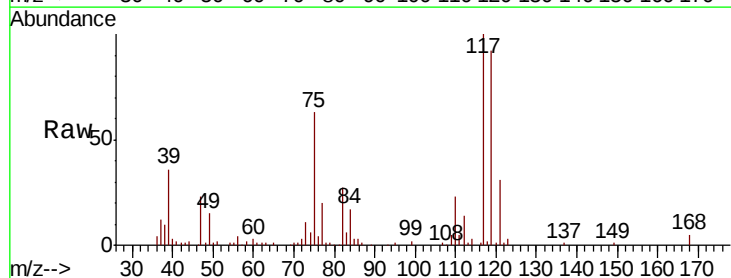


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

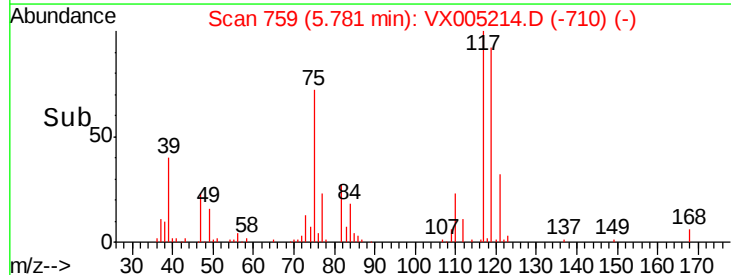
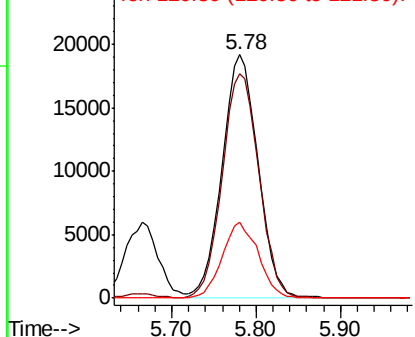


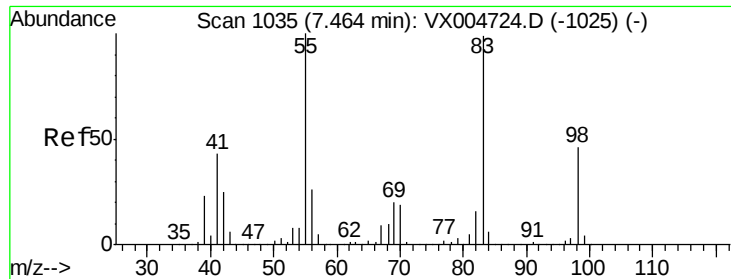
#38
Carbon Tetrachloride
Concen: 16.077 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Tgt Ion: 117 Resp: 55847
Ion Ratio Lower Upper
117 100
119 92.3 75.2 112.8
121 31.3 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

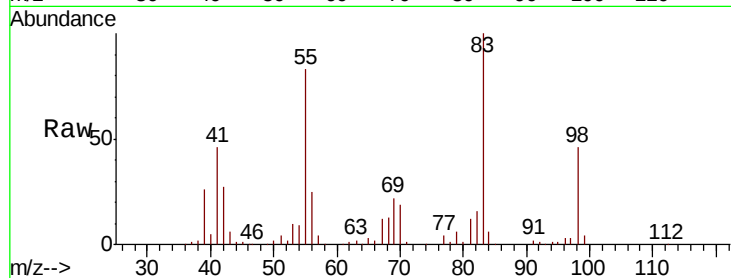




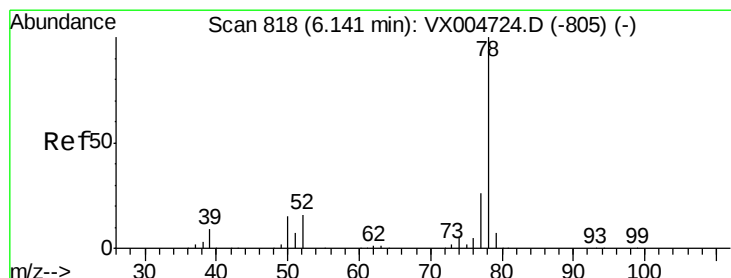
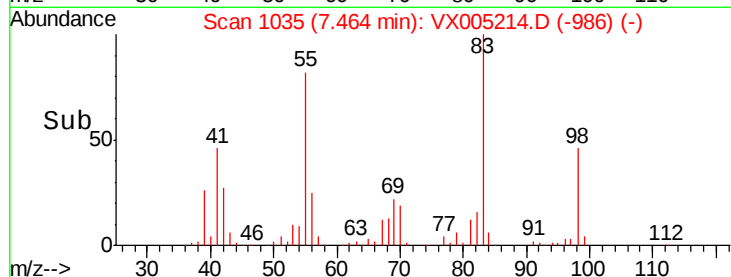
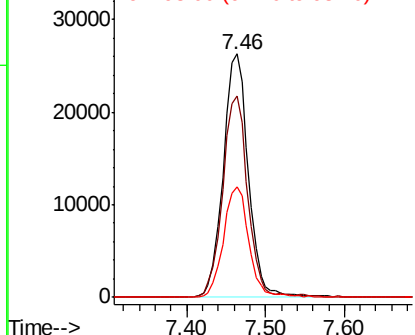
#39
Methvlcvclohexane
Concen: 17.303 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS03

Tot Ion: 83 Resp: 58385
Ion Ratio Lower Upper
83 100
55 82.7 81.1 121.7
98 45.6 37.3 55.9

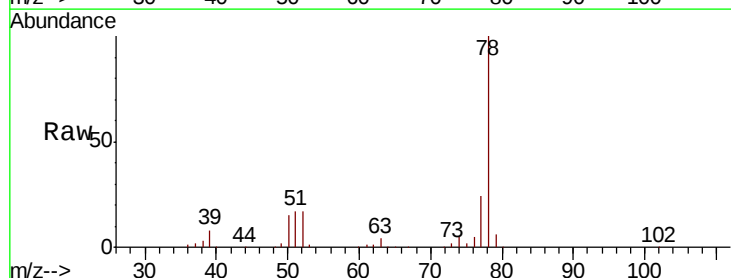


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

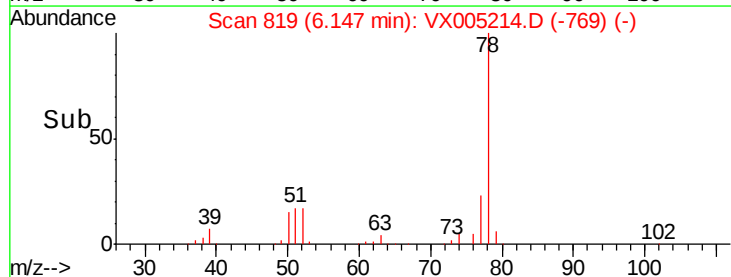
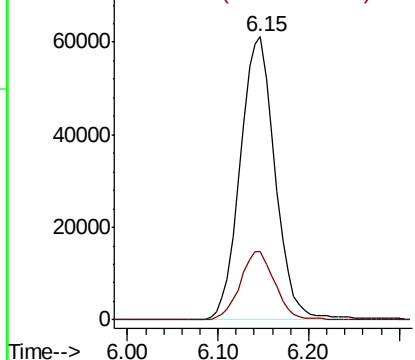


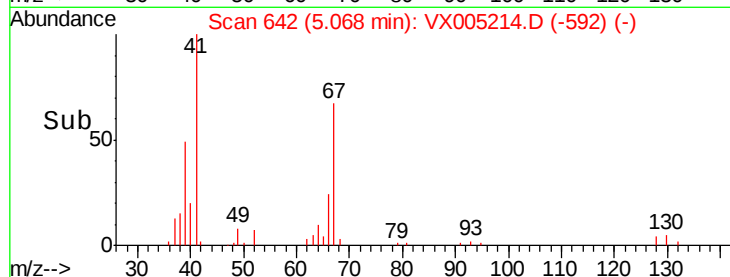
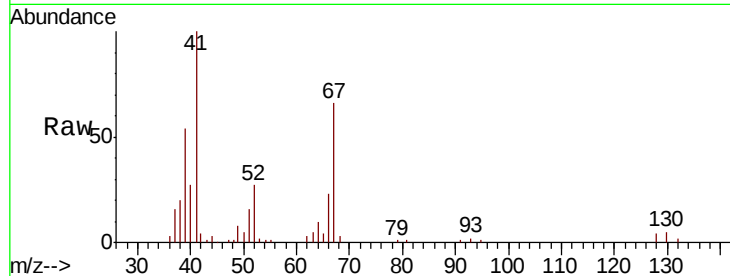
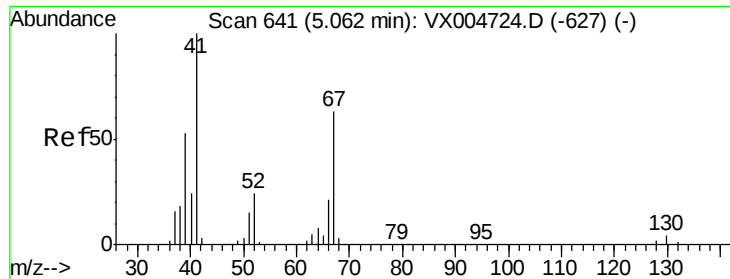
#40
Benzene
Concen: 15.742 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Tgt Ion: 78 Resp: 162859
Ion Ratio Lower Upper
78 100
77 24.1 21.0 31.4



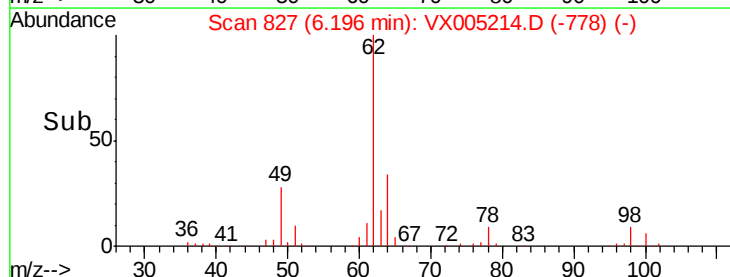
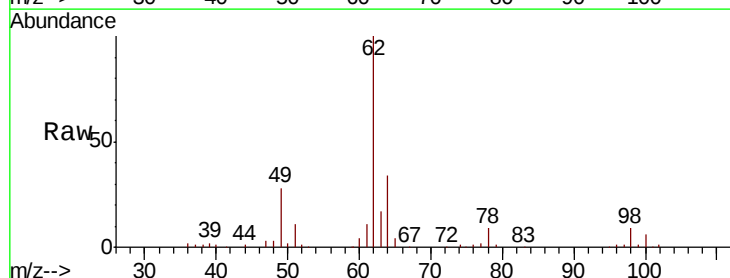
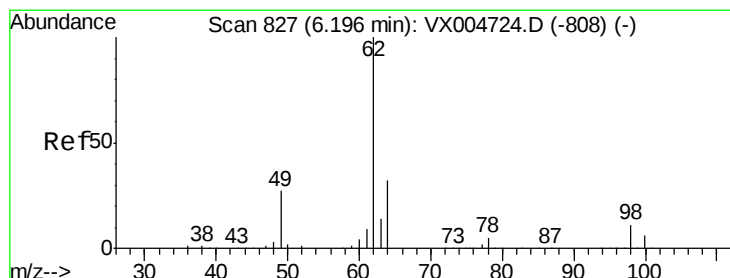
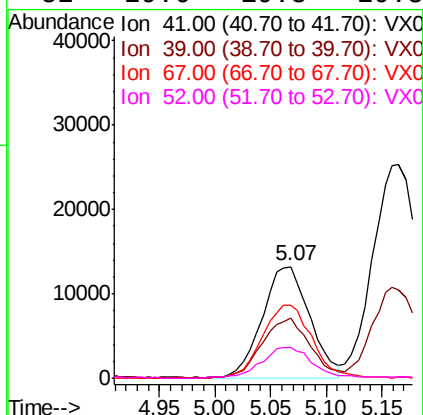
Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





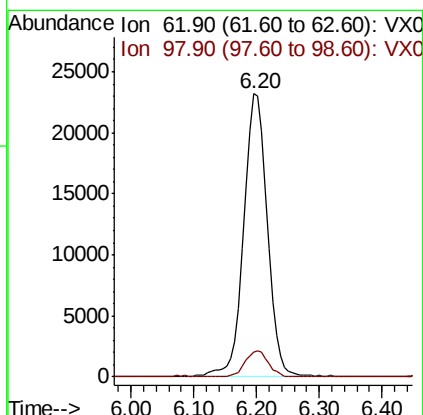
#41
Methacrylonitrile
Concen: 16.072 ug/l
RT: 5.07 min Scan# 642
Delta R.T. 0.01 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

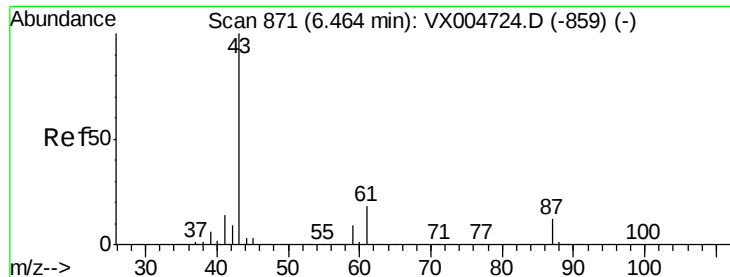
Tot Ion:	41	Resp:	39096
Ion	Ratio	Lower	Upper
41	100		
39	54.5	42.5	63.7
67	69.3	53.0	79.6
52	29.6	19.8	29.8



#42
1,2-Dichloroethane
Concen: 16.621 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Tgt Ion:	62	Resp:	60785
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	20.2





#43

Isopropyl Acetate

Concen: 16.432 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS03

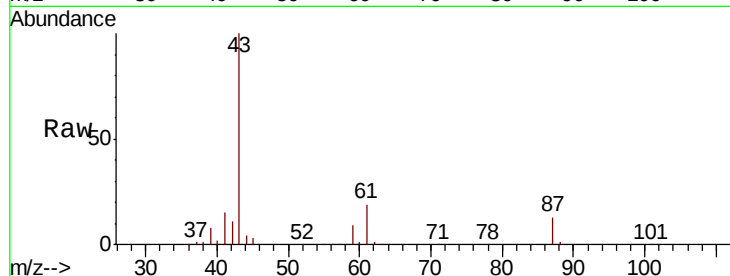
Tot Ion: 43 Resp: 104032

Ion Ratio Lower Upper

43 100

61 19.9 14.2 21.4

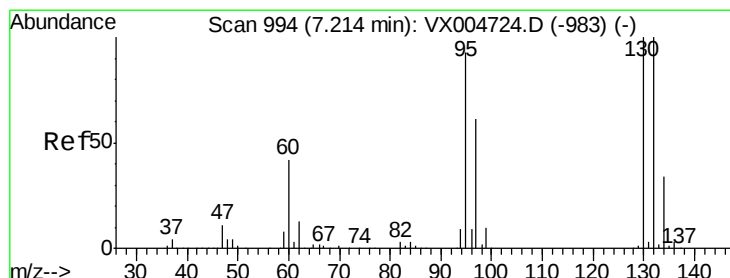
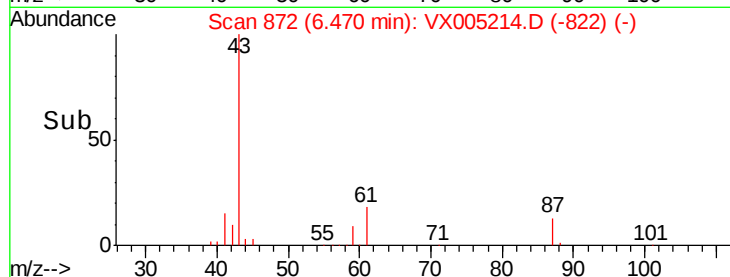
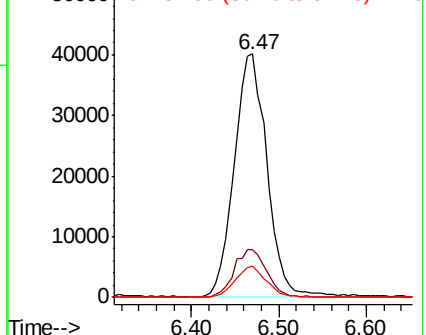
87 12.2 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-859) (-)

Ion 61.00 (60.70 to 61.70): VX004724.D (-859) (-)

Ion 87.00 (86.70 to 87.70): VX004724.D (-859) (-)



#44

Trichloroethene

Concen: 19.992 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005214.D

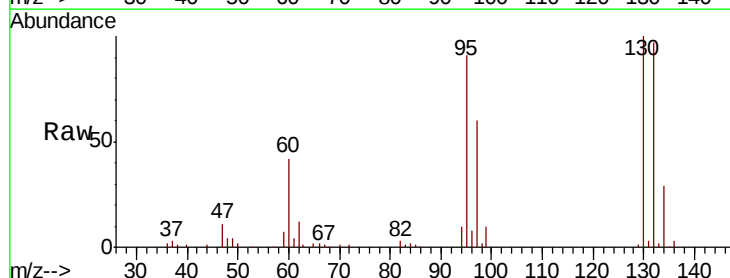
Acq: 10 Oct 2018 18:40

Tgt Ion:130 Resp: 50845

Ion Ratio Lower Upper

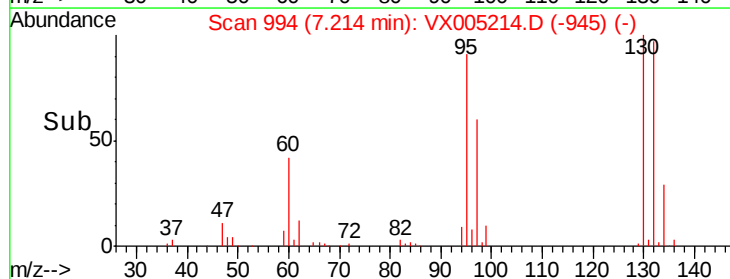
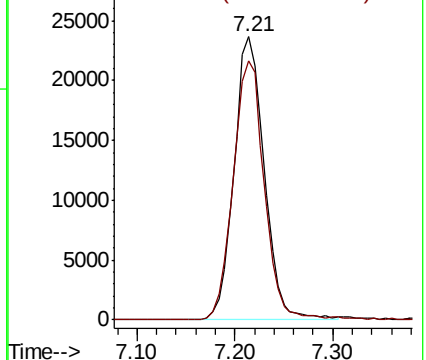
130 100

95 91.4 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): VX004724.D (-983) (-)

Ion 94.90 (94.60 to 95.60): VX004724.D (-983) (-)





#45

1,2-Dichloropropane

Concen: 17.590 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

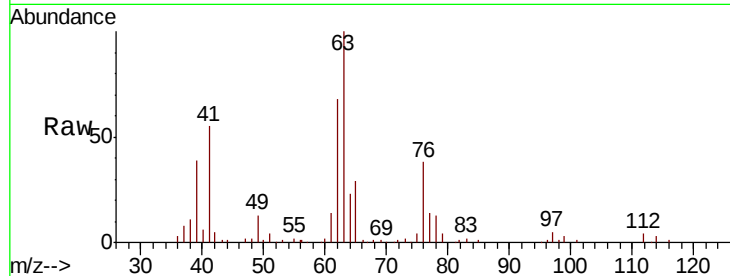
VX1010WBS03

Tot Ion: 63 Resp: 44625

Ion Ratio Lower Upper

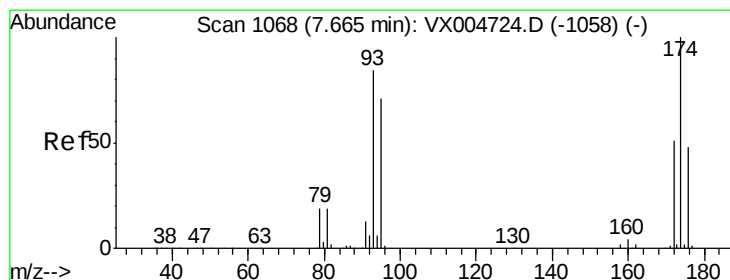
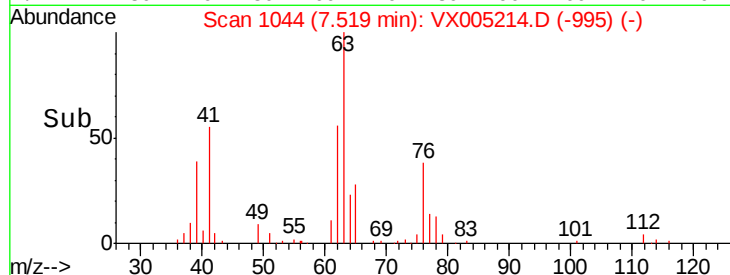
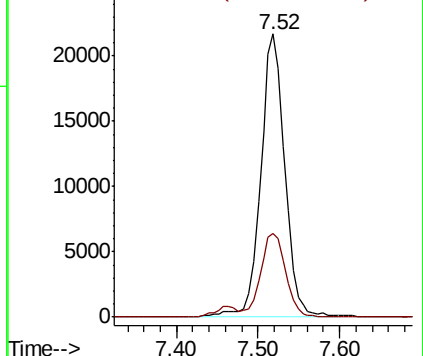
63 100

65 29.2 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: 18.029 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

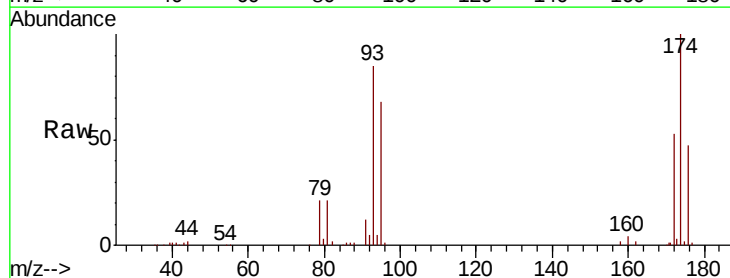
Tgt Ion: 93 Resp: 28745

Ion Ratio Lower Upper

93 100

95 82.6 66.7 100.1

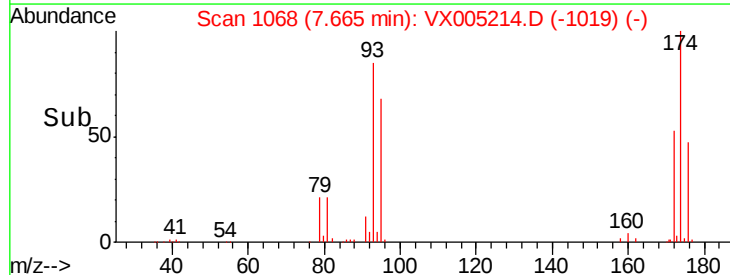
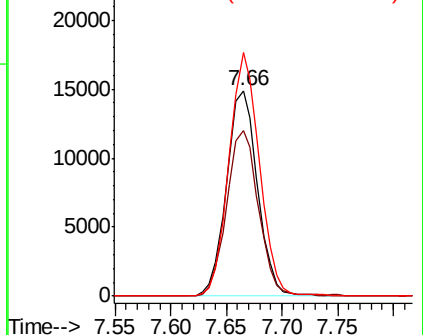
174 116.5 92.7 139.1

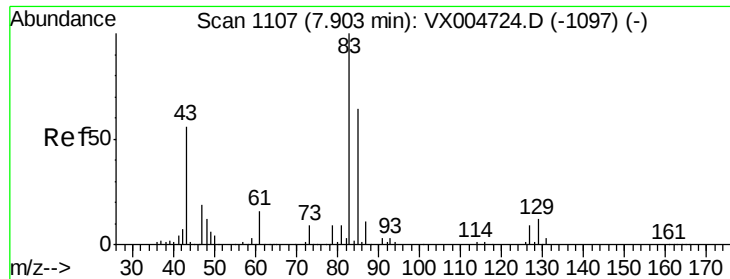


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

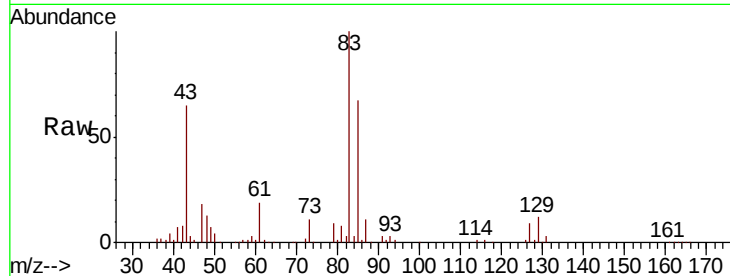




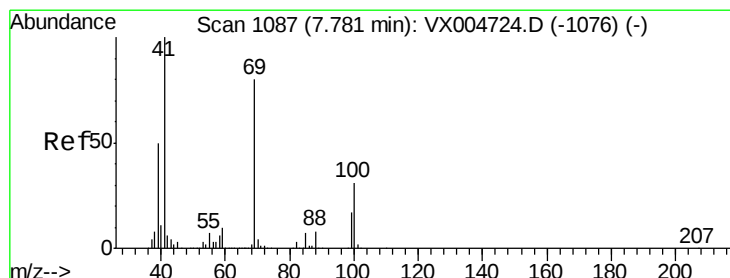
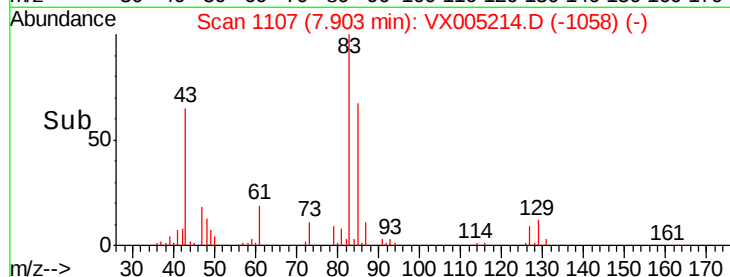
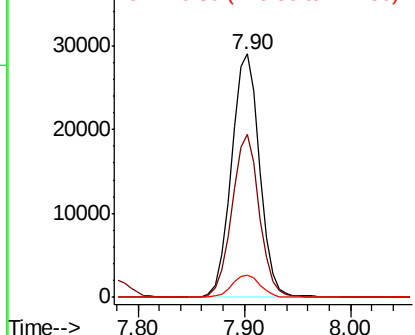
#47
 Bromodichloromethane
 Concen: 18.028 ug/l
 RT: 7.90 min Scan# 1107
 Delta R.T. 0.00 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS03

Tot Ion: 83 Resp: 53816
 Ion Ratio Lower Upper
 83 100
 85 67.2 51.2 76.8
 127 9.1 7.0 10.6

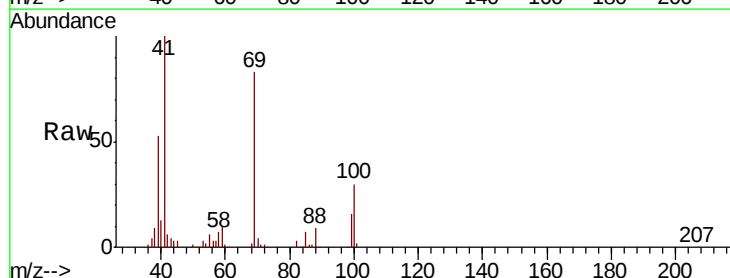


Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 126.80 (126.50 to 127.50): V

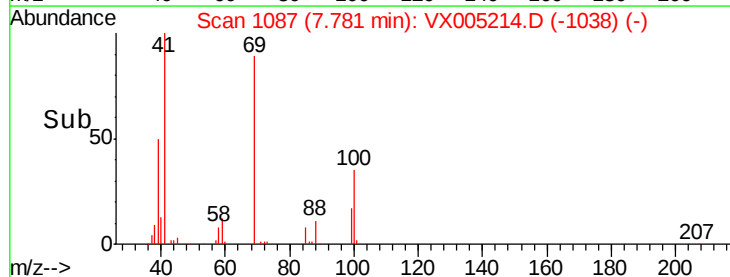
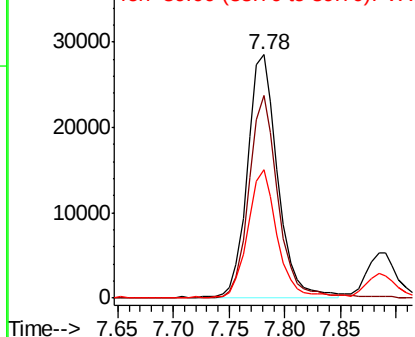


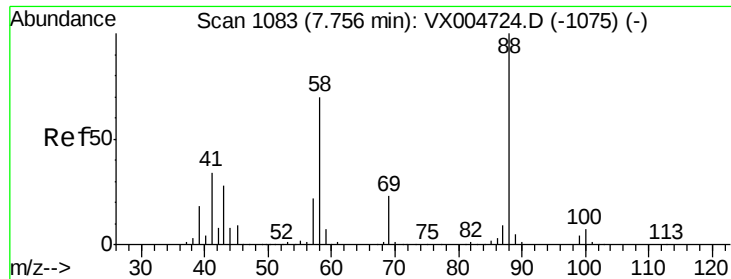
#48
 Methyl methacrylate
 Concen: 18.623 ug/l
 RT: 7.78 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Tgt Ion: 41 Resp: 53515
 Ion Ratio Lower Upper
 41 100
 69 82.0 63.8 95.6
 39 51.4 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

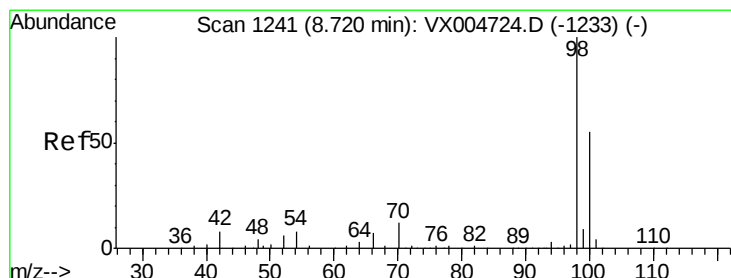
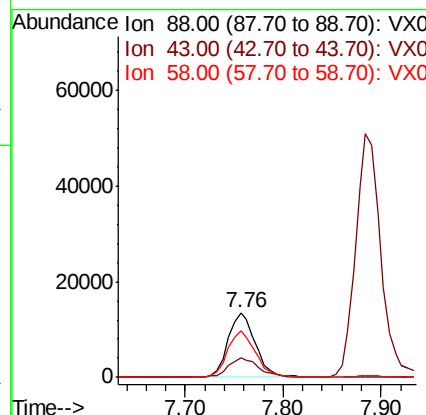
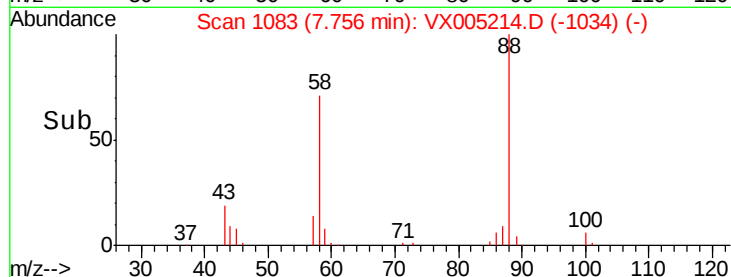
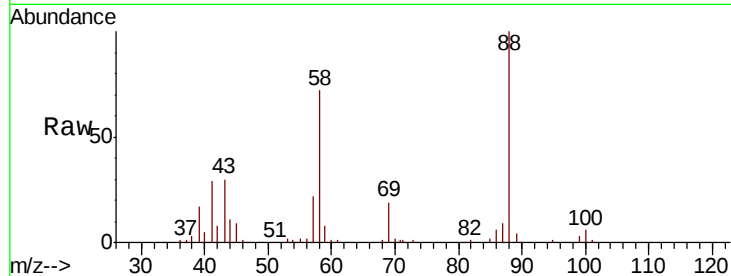




#49
1,4-Dioxane
Concen: 368.965 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

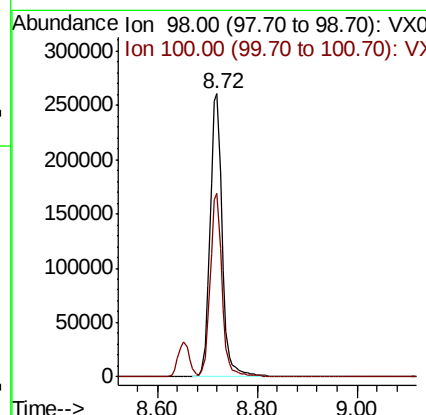
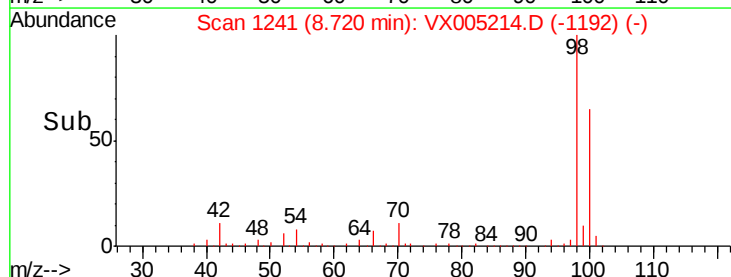
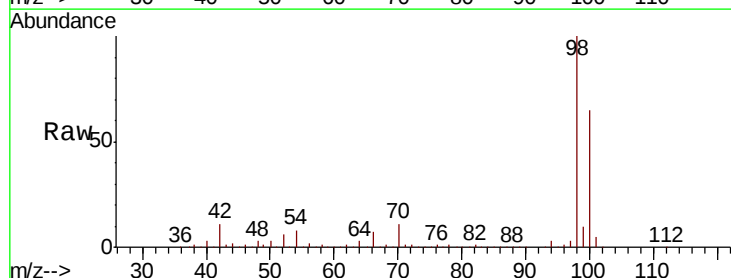
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS03

Tot Ion: 88 Resp: 26341
Ion Ratio Lower Upper
88 100
43 33.4 25.1 37.7
58 73.0 56.2 84.2



#50
Toluene-d8
Concen: 55.203 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Tgt Ion: 98 Resp: 444489
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 95.477 ug/l

RT: 8.65 min Scan# 1230

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

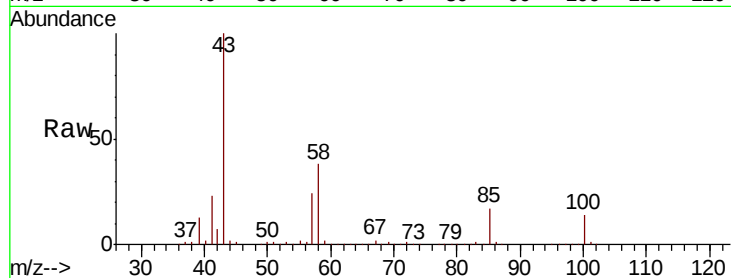
VX1010WBS03

Tot Ion: 43 Resp: 380606

Ion Ratio Lower Upper

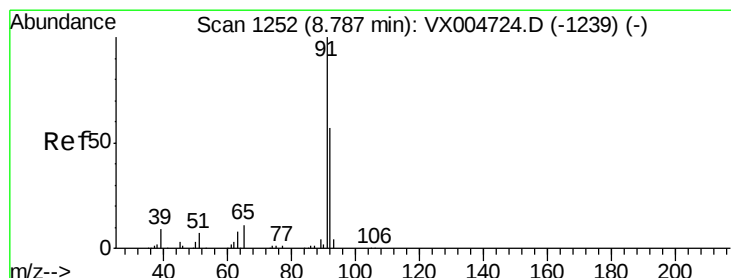
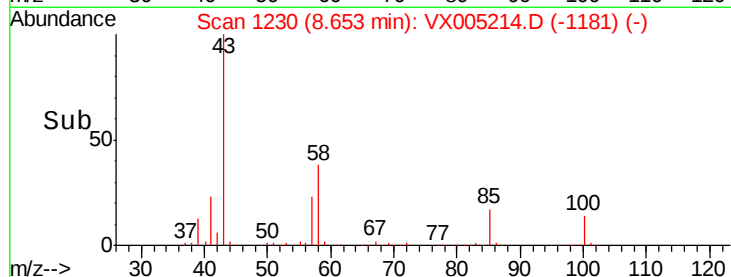
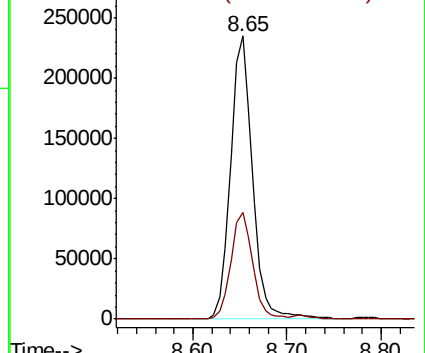
43 100

58 37.2 30.5 45.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 17.862 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX005214.D

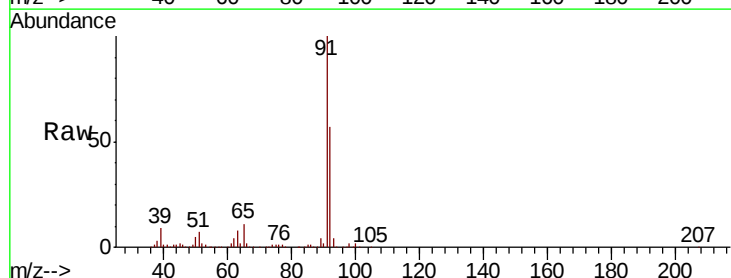
Acq: 10 Oct 2018 18:40

Tgt Ion: 92 Resp: 101541

Ion Ratio Lower Upper

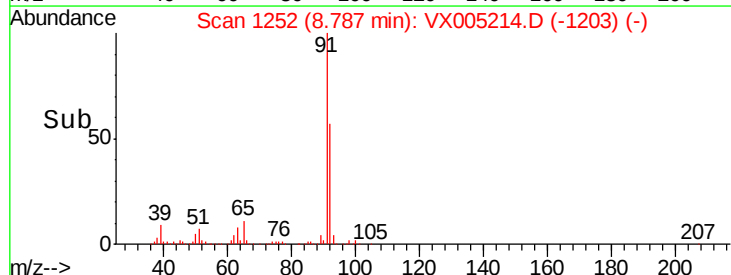
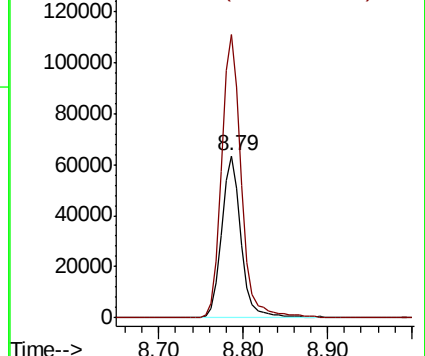
92 100

91 177.5 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 17.170 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

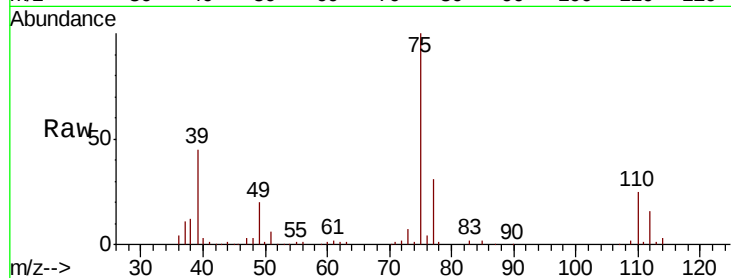
VX1010WBS03

Tot Ion: 75 Resp: 57921

Ion Ratio Lower Upper

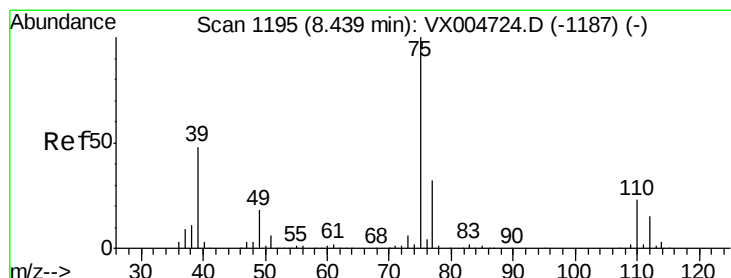
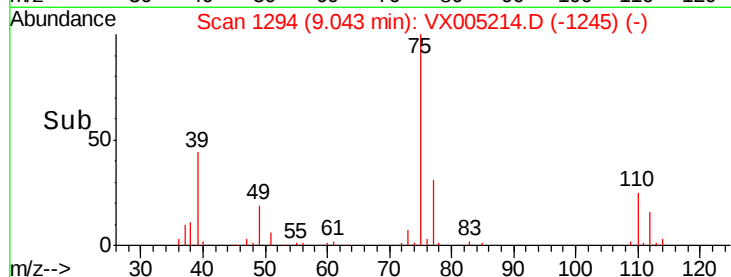
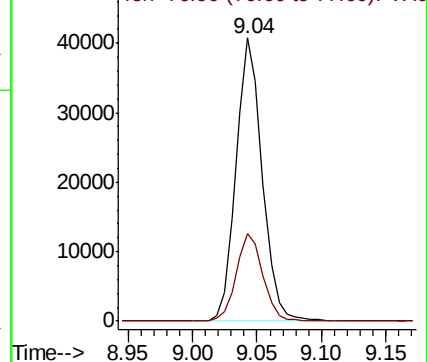
75 100

77 30.9 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: 18.528 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

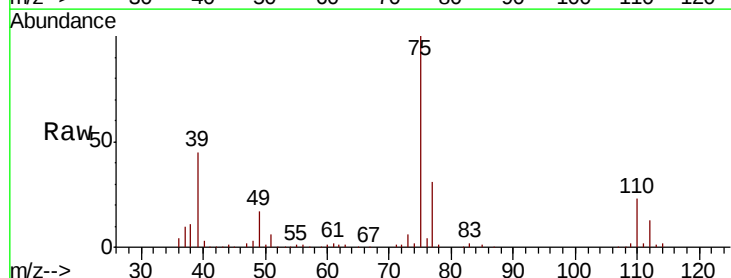
Tgt Ion: 75 Resp: 65466

Ion Ratio Lower Upper

75 100

77 30.7 25.7 38.5

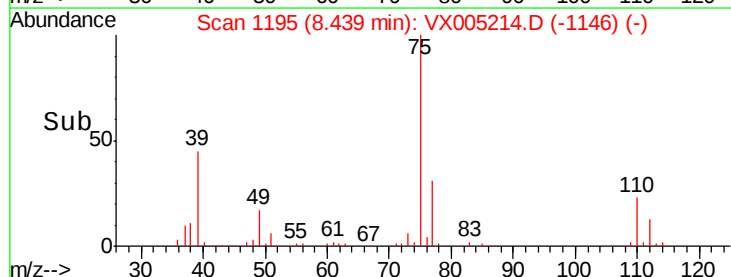
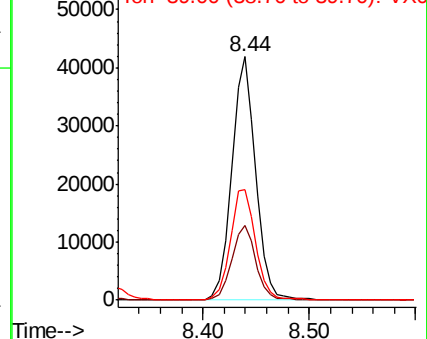
39 44.9 38.3 57.5



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

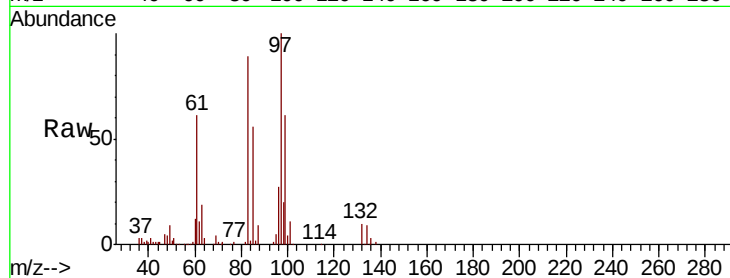




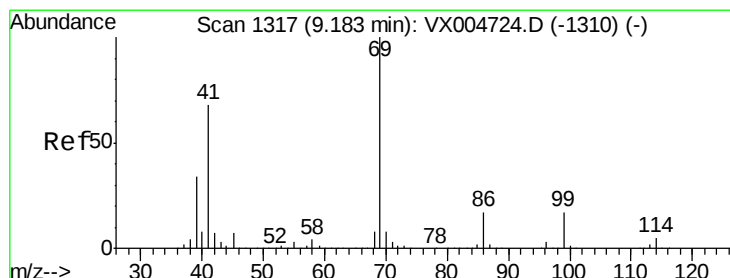
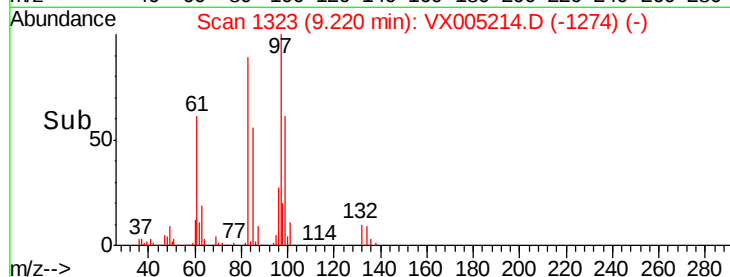
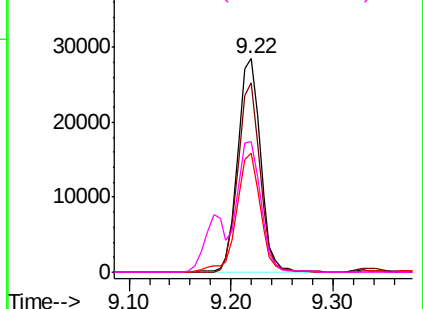
#55
 1,1,2-Trichloroethane
 Concen: 17.551 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS03

Tot Ion:	97	Resp:	43703
Ion	Ratio	Lower	Upper
97	100		
83	88.8	68.2	102.2
85	55.9	49.9	74.9
99	61.0	48.9	73.3

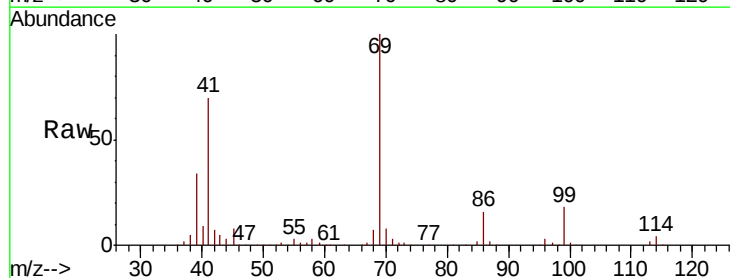


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

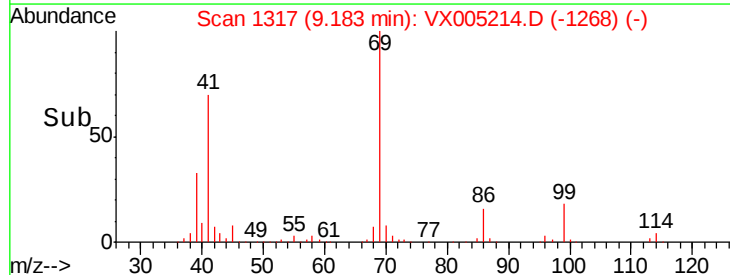
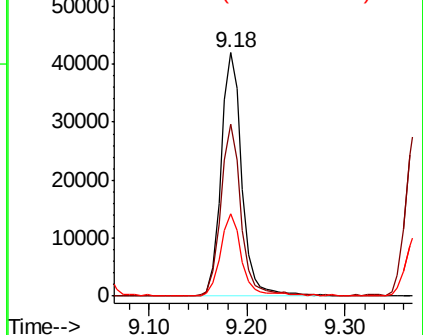


#56
 Ethyl methacrylate
 Concen: 17.323 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Tgt Ion:	69	Resp:	61982
Ion	Ratio	Lower	Upper
69	100		
41	68.7	56.9	85.3
39	34.4	28.4	42.6



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

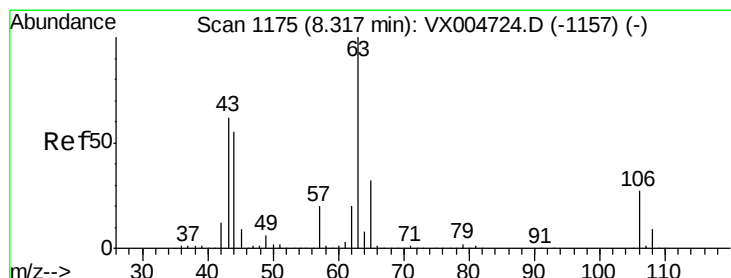
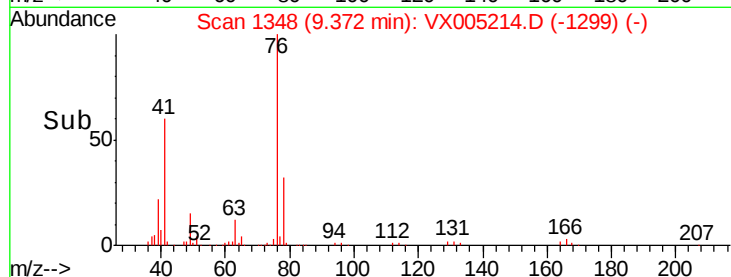
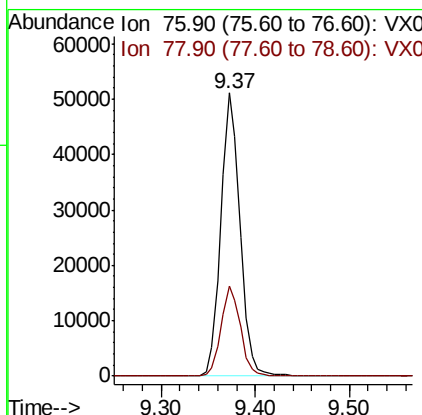
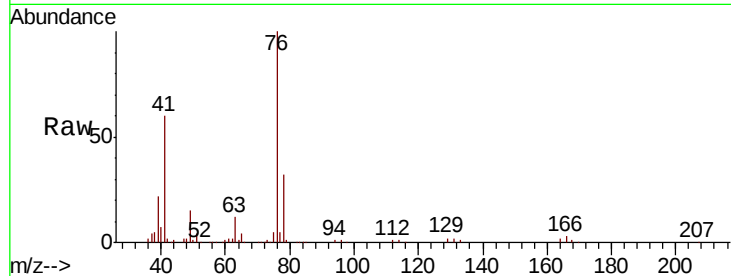




#57
 1,3-Dichloropropane
 Concen: 17.426 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

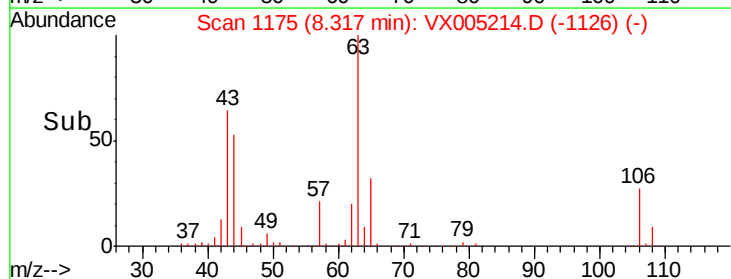
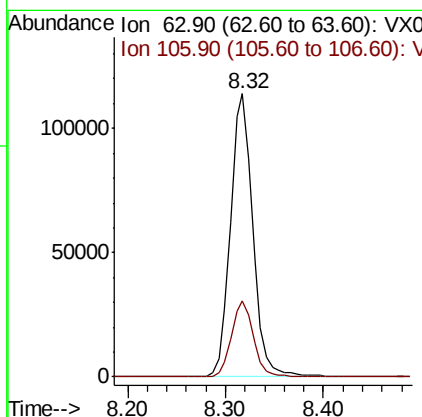
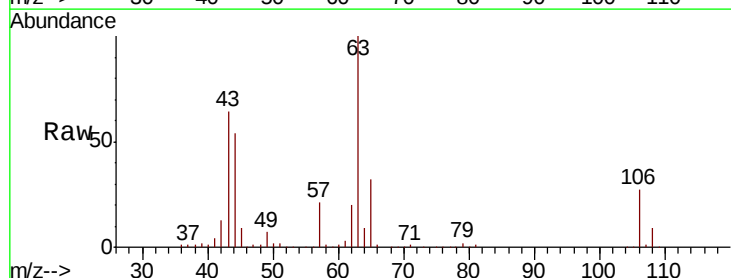
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS03

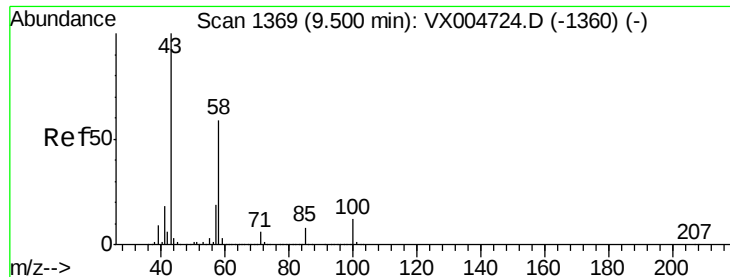
Tot Ion: 76 Resp: 72220
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 93.512 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. 0.00 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Tgt Ion: 63 Resp: 180351
 Ion Ratio Lower Upper
 63 100
 106 26.7 21.0 31.6

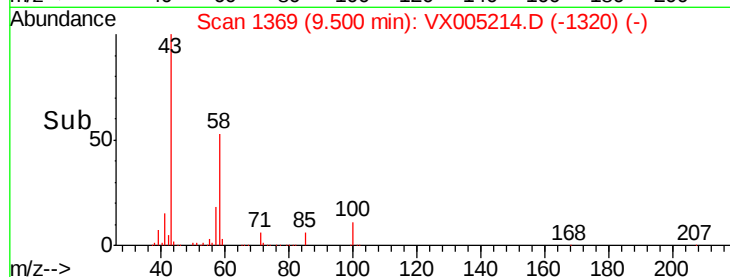
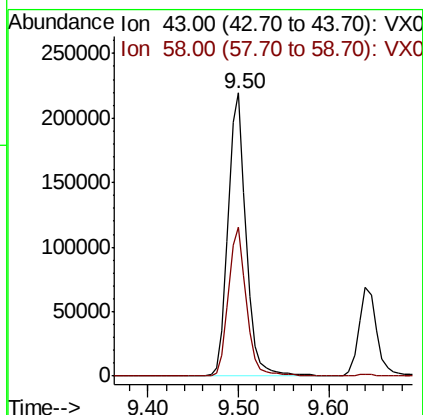
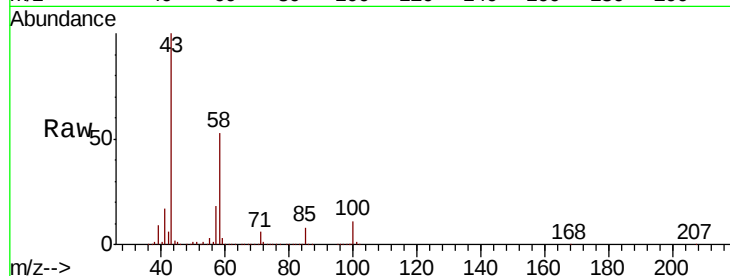




#59
2-Hexanone
Concen: 91.120 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

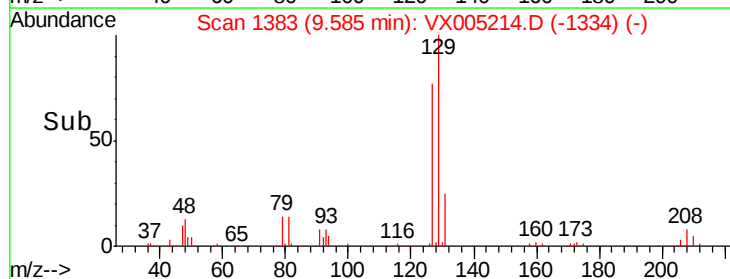
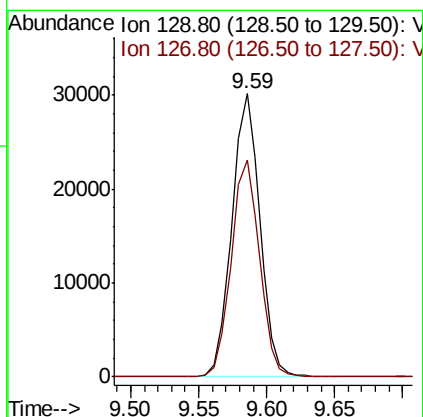
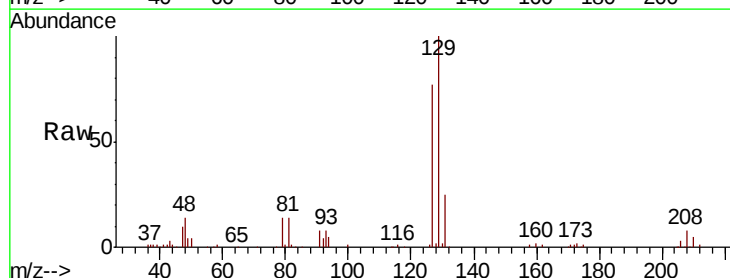
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS03

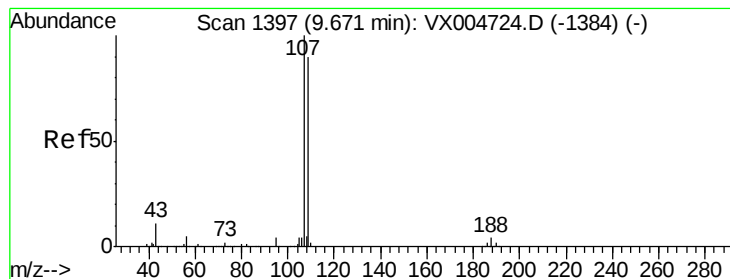
Tot Ion: 43 Resp: 302694
Ion Ratio Lower Upper
43 100
58 52.5 28.4 85.3



#60
Dibromochloromethane
Concen: 17.403 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Tgt Ion: 129 Resp: 43338
Ion Ratio Lower Upper
129 100
127 77.5 39.1 117.2





#61

1,2-Dibromoethane

Concen: 16.978 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

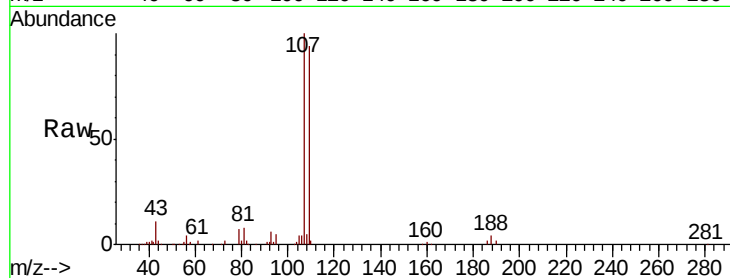
VX1010WBS03

Tot Ion:107 Resp: 45277

Ion Ratio Lower Upper

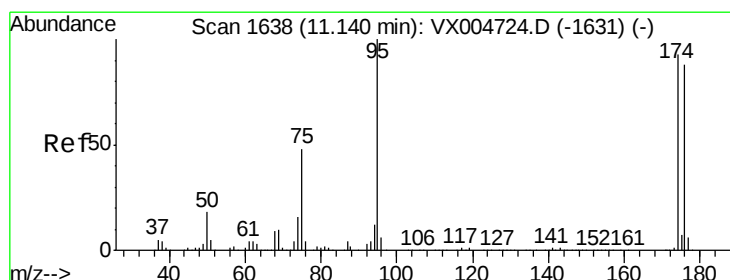
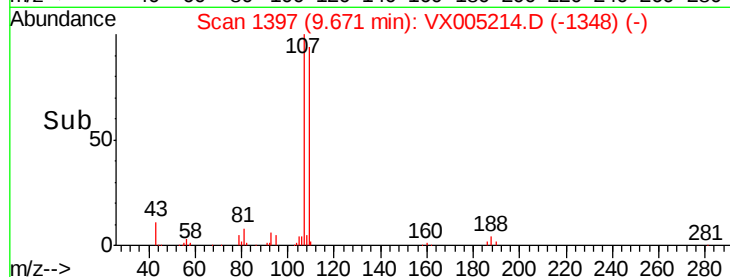
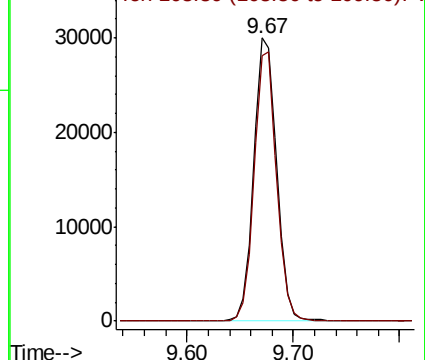
107 100

109 93.8 72.1 108.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 57.131 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

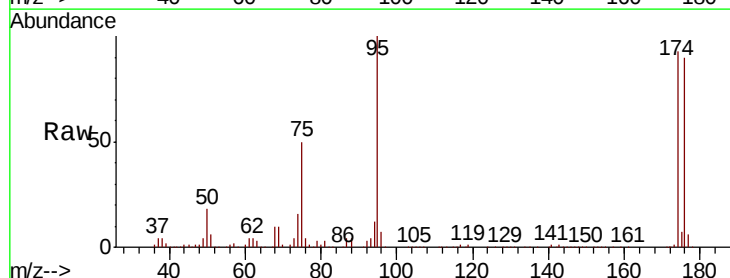
Tgt Ion: 95 Resp: 165723

Ion Ratio Lower Upper

95 100

174 91.5 0.0 185.0

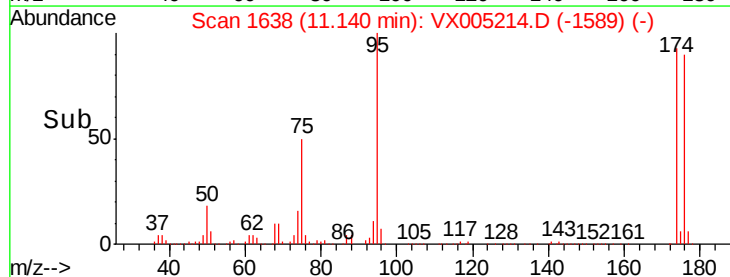
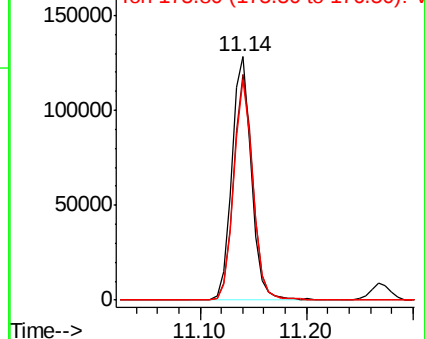
176 88.6 0.0 180.2

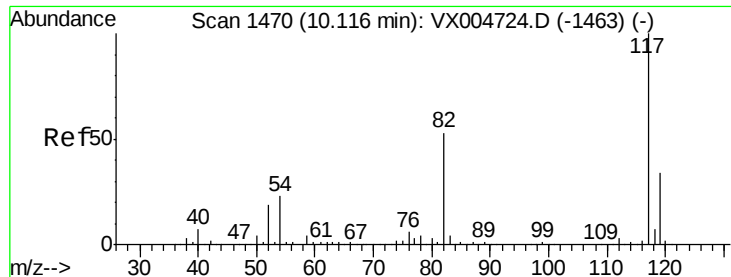


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

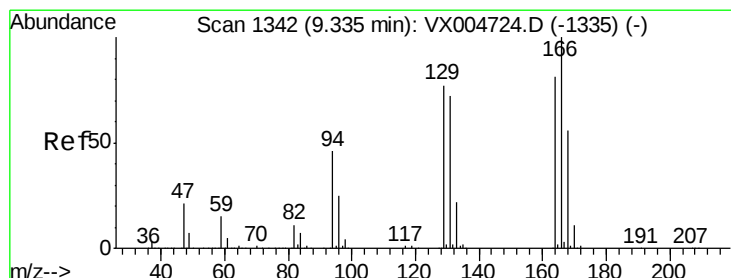
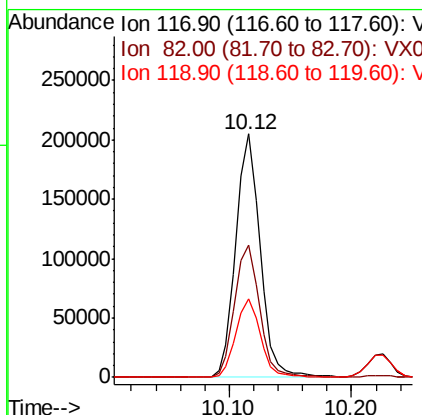
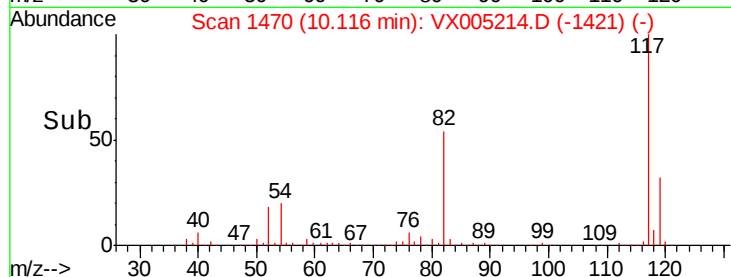
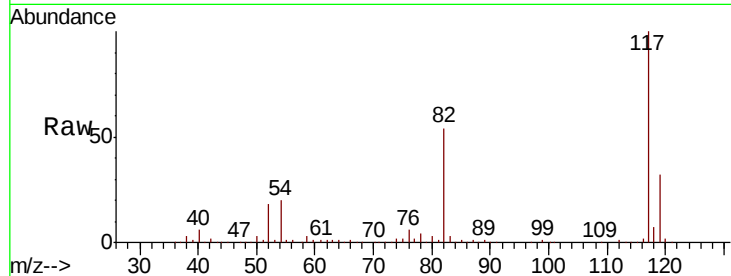




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

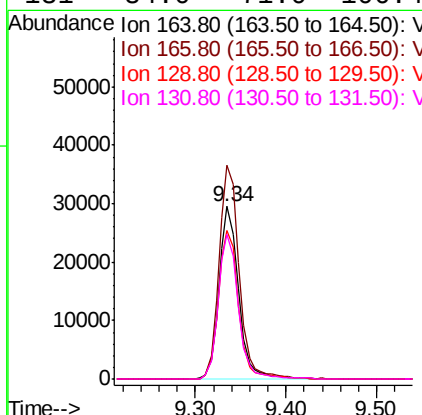
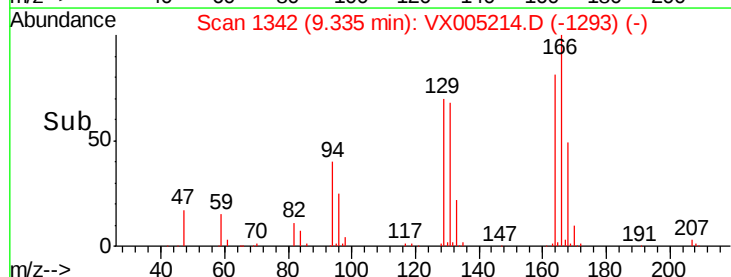
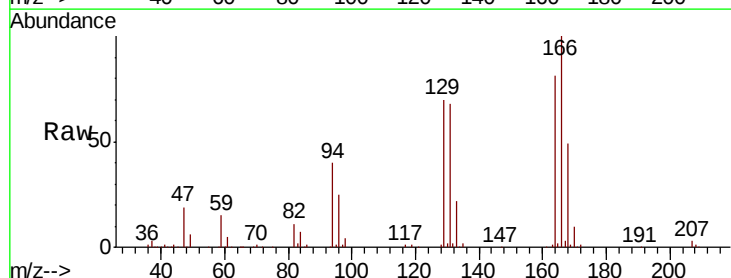
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS03

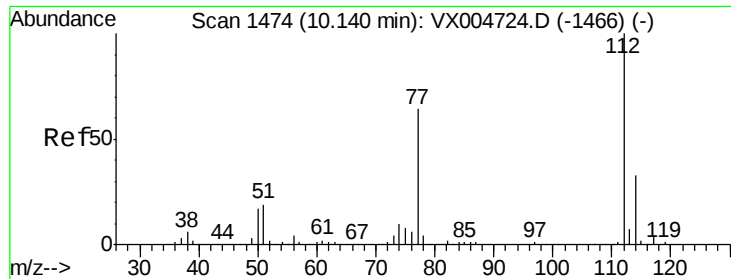
Tot Ion:117 Resp: 282744
Ion Ratio Lower Upper
117 100
82 54.1 42.2 63.4
119 32.2 27.4 41.0



#64
Tetrachloroethene
Concen: 16.018 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Tgt Ion:164 Resp: 44576
Ion Ratio Lower Upper
164 100
166 123.9 98.4 147.6
129 86.3 76.1 114.1
131 84.0 71.0 106.4

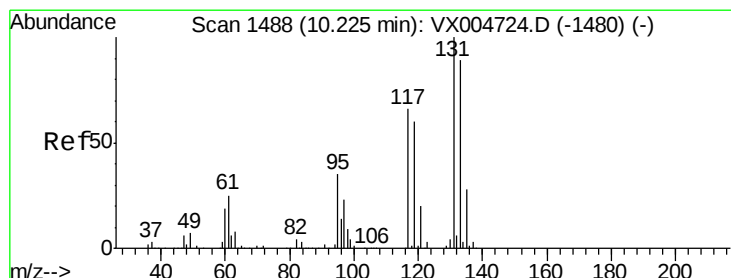
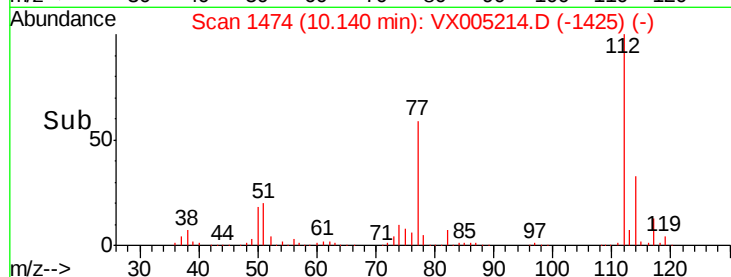
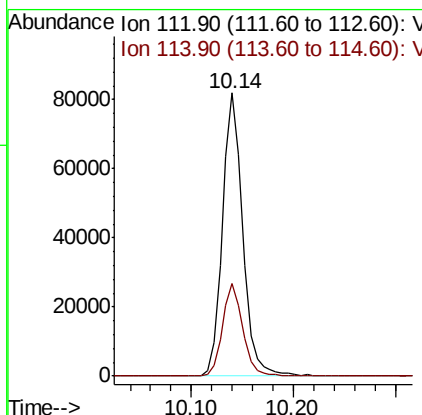
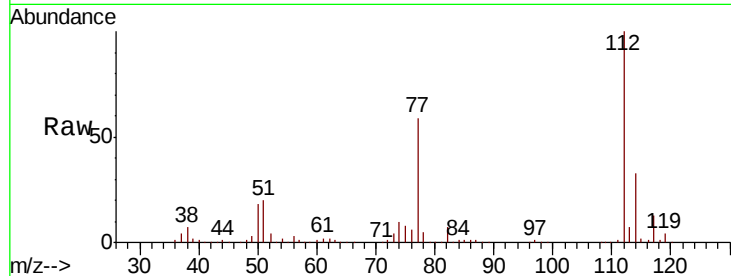




#65
Chlorobenzene
Concen: 15.695 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

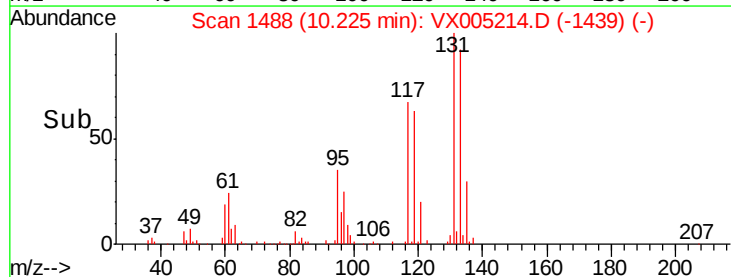
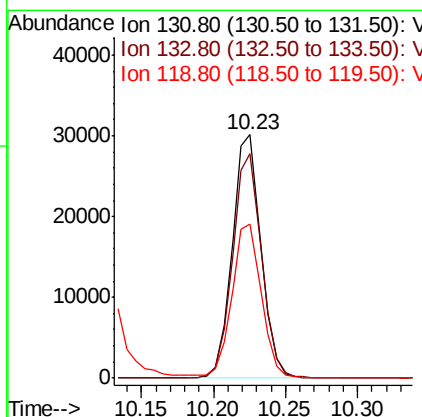
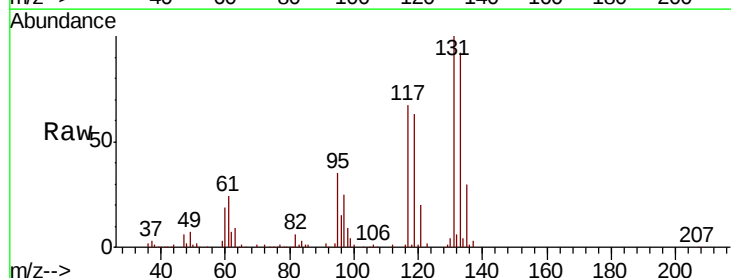
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS03

Tot Ion:112 Resp: 113797
Ion Ratio Lower Upper
112 100
114 32.8 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 16.469 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Tgt Ion:131 Resp: 41978
Ion Ratio Lower Upper
131 100
133 93.2 48.4 145.0
119 65.0 32.3 96.8





#67

Ethyl Benzene

Concen: 16.176 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

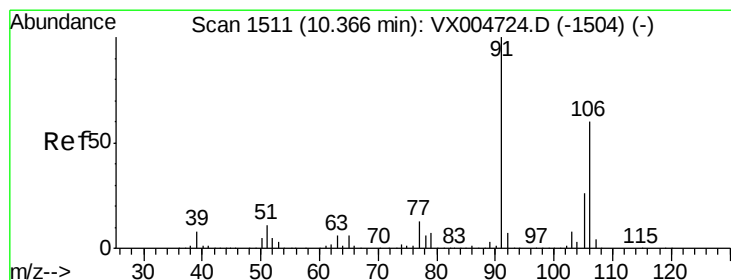
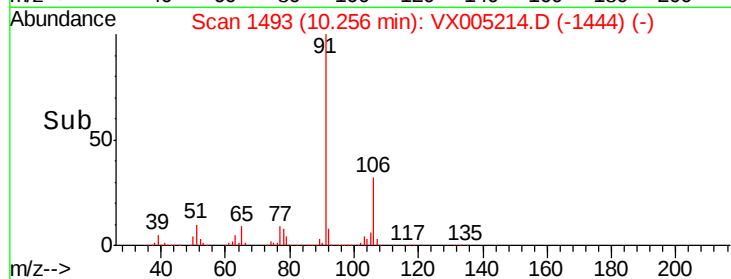
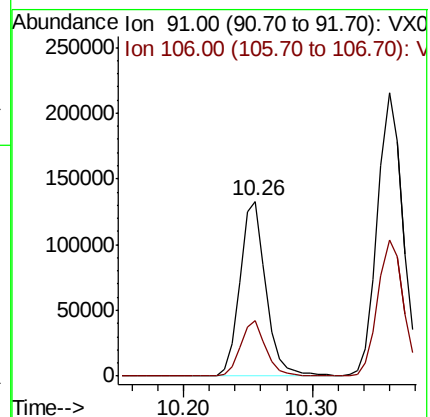
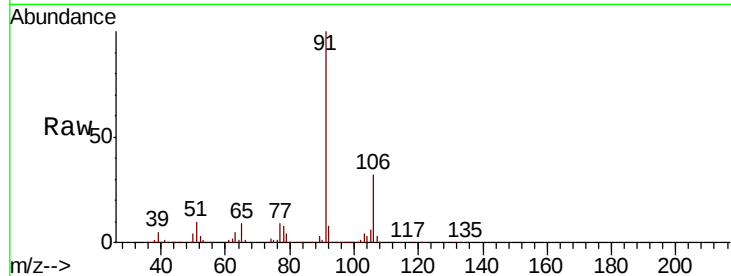
VX1010WBS03

Tot Ion: 91 Resp: 186201

Ion Ratio Lower Upper

91 100

106 31.7 26.9 40.3



#68

m/p-Xylenes

Concen: 32.728 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005214.D

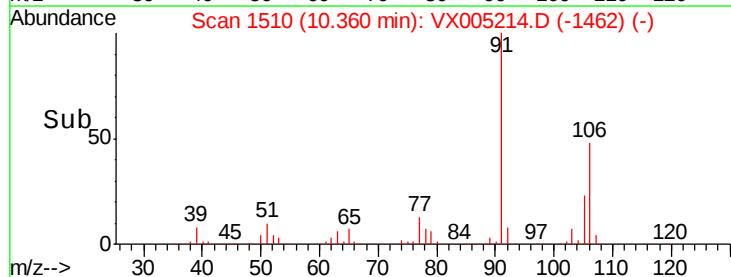
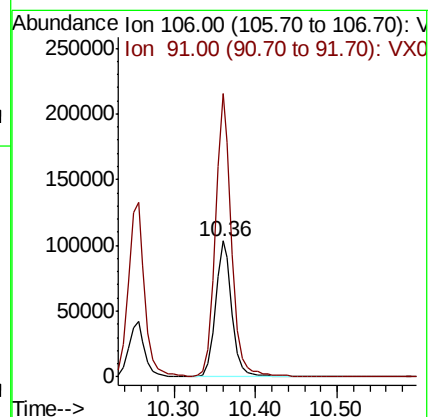
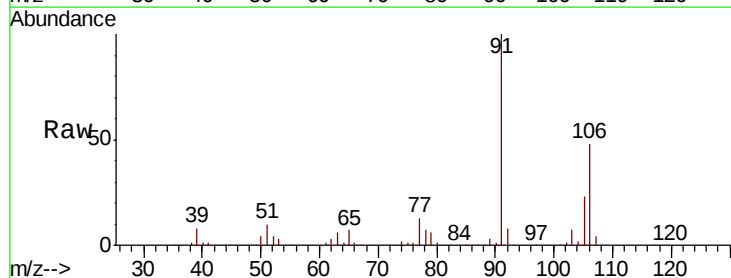
Acq: 10 Oct 2018 18:40

Tgt Ion: 106 Resp: 147212

Ion Ratio Lower Upper

106 100

91 204.6 157.5 236.3

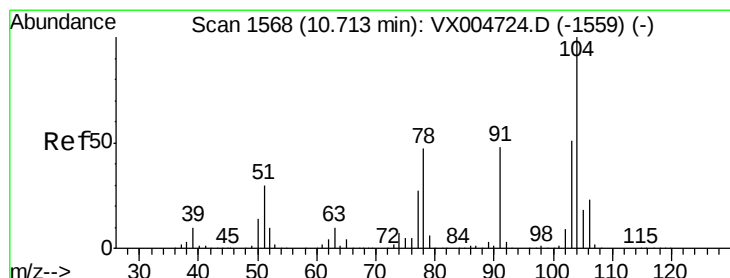
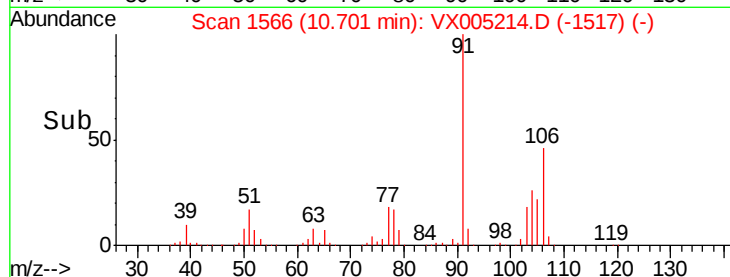
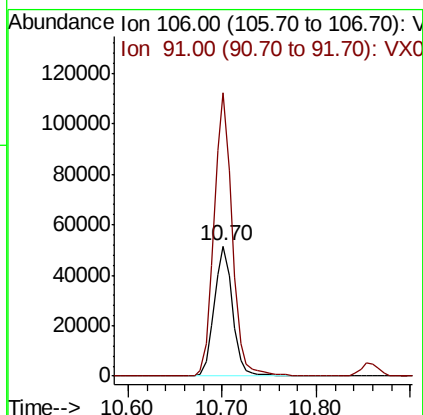
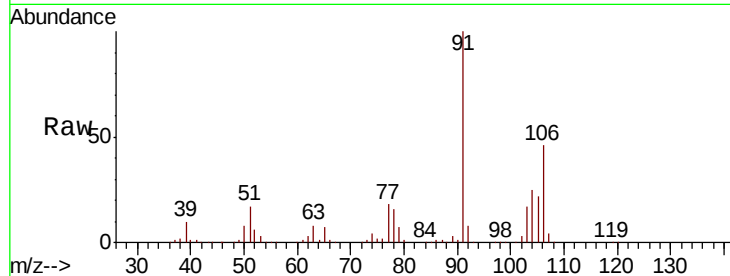




#69
o-Xylene
Concen: 16.921 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

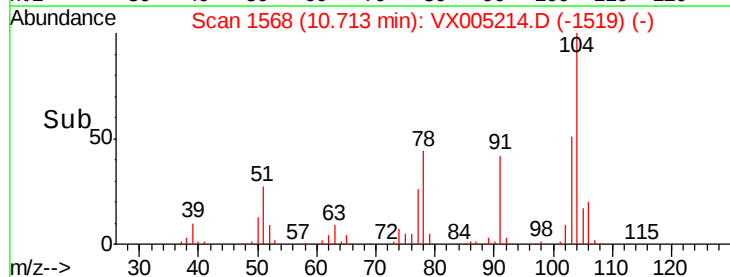
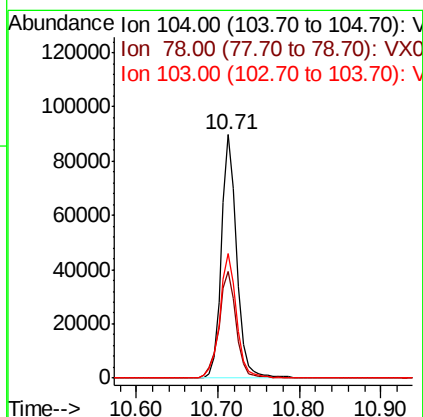
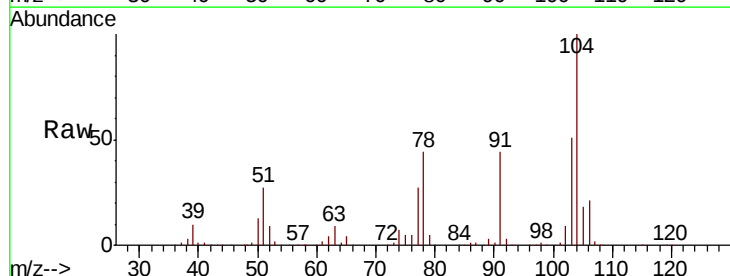
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS03

Tot Ion:106 Resp: 69909
Ion Ratio Lower Upper
106 100
91 215.2 108.3 324.8



#70
Styrene
Concen: 16.793 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Tgt Ion:104 Resp: 118288
Ion Ratio Lower Upper
104 100
78 49.6 40.0 60.0
103 56.2 44.3 66.5

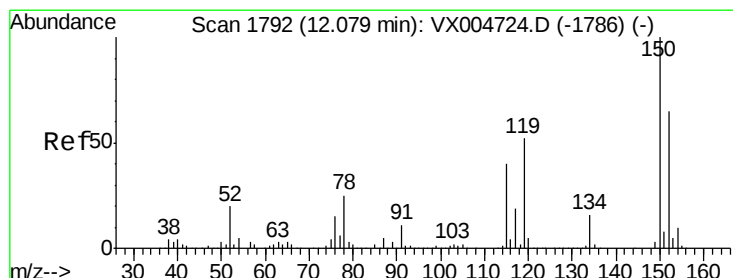
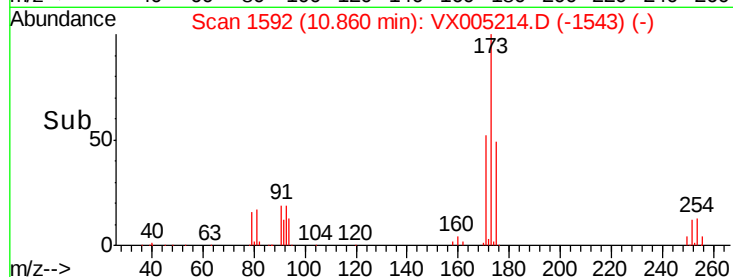
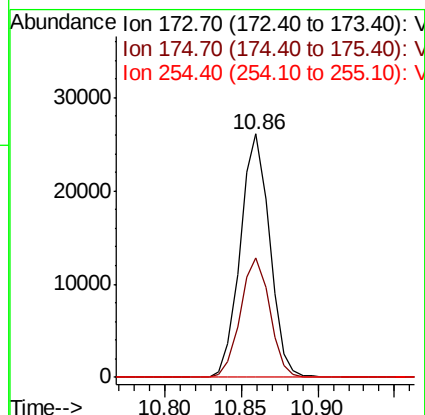
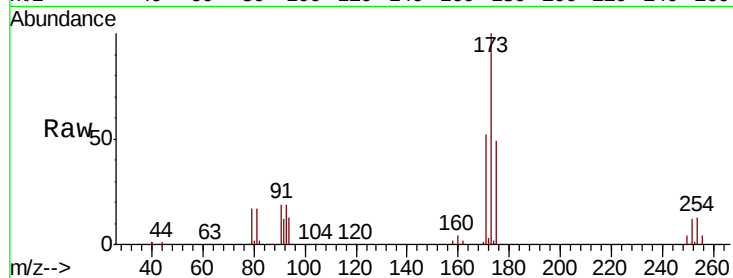




#71
Bromoform
Concen: 15.971 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

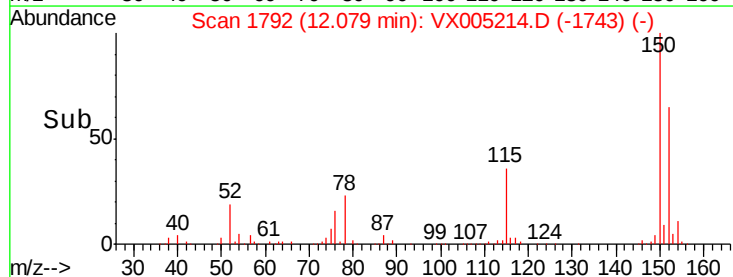
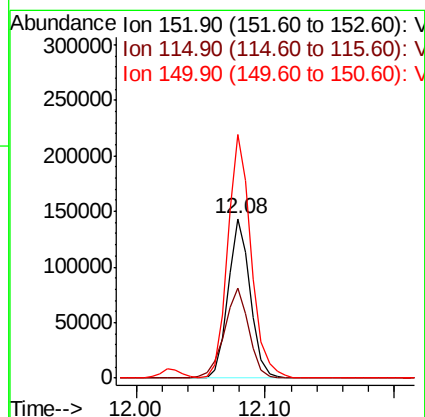
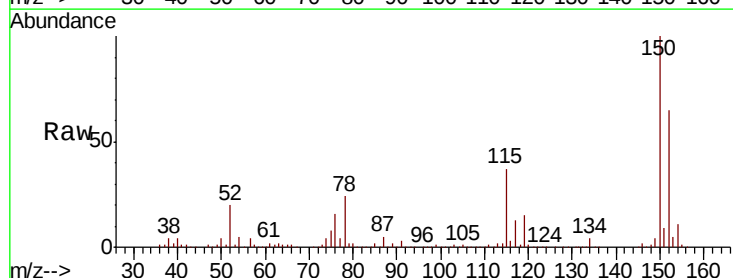
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS03

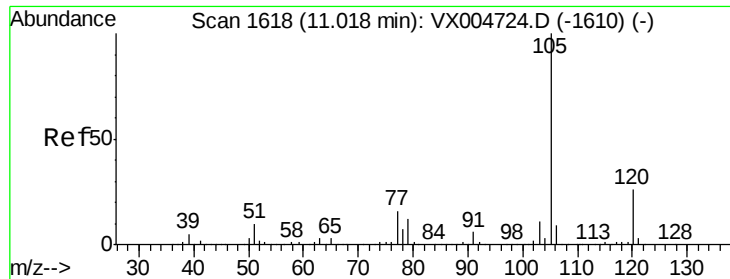
Tot Ion:173 Resp: 34852
Ion Ratio Lower Upper
173 100
175 48.9 23.3 69.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Tgt Ion:152 Resp: 173228
Ion Ratio Lower Upper
152 100
115 63.0 40.2 120.6
150 161.2 0.0 351.0





#73

Isopropylbenzene

Concen: 17.511 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

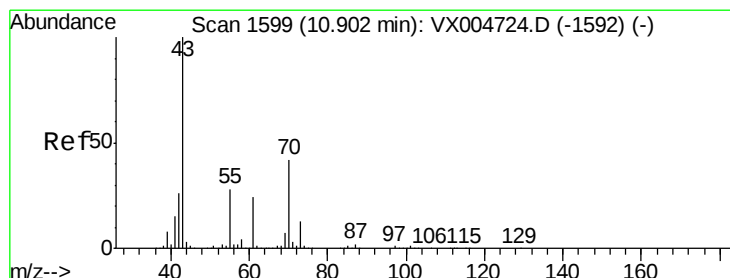
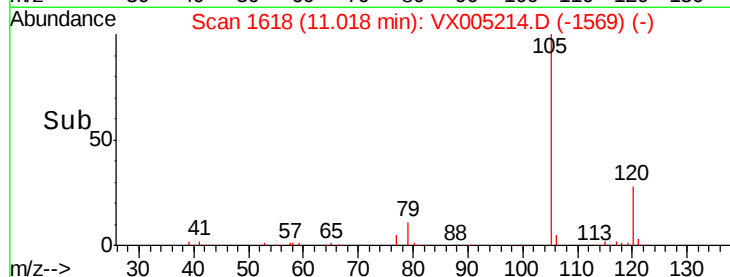
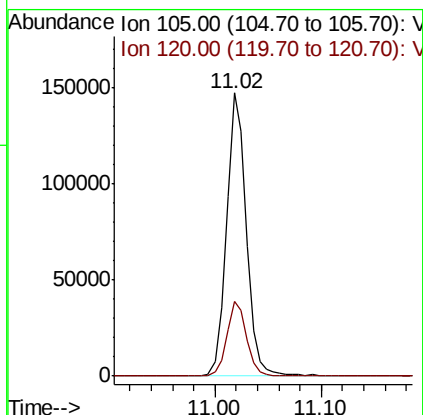
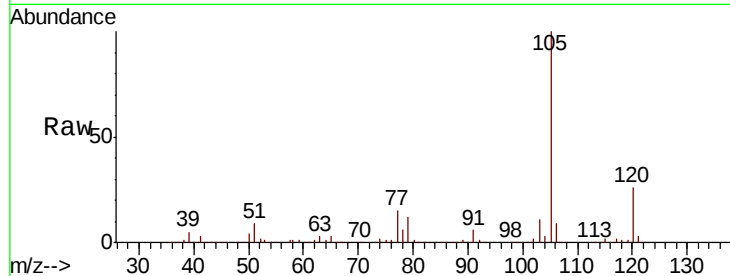
VX1010WBS03

Tot Ion: 105 Resp: 191198

Ion Ratio Lower Upper

105 100

120 26.4 13.2 39.5



#74

N-ethyl acetate

Concen: 15.647 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Tgt Ion: 43 Resp: 86439

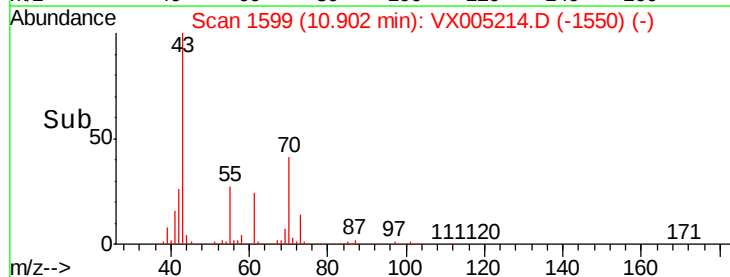
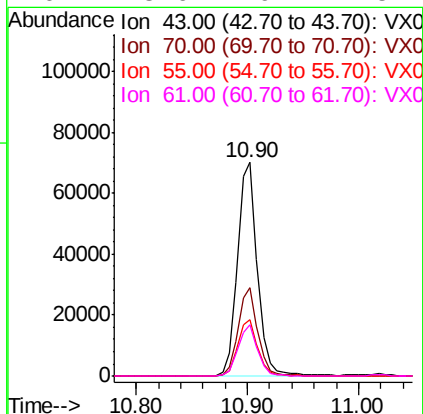
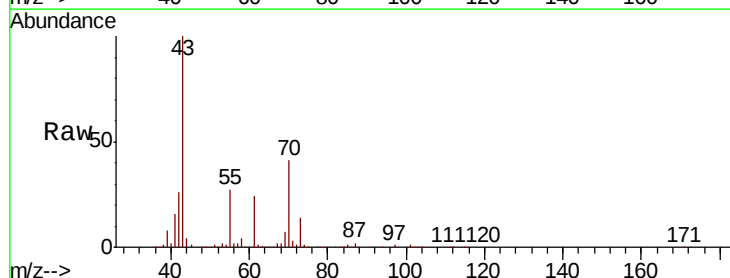
Ion Ratio Lower Upper

43 100

70 40.8 32.6 48.8

55 26.7 21.6 32.4

61 23.6 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 15.698 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS03

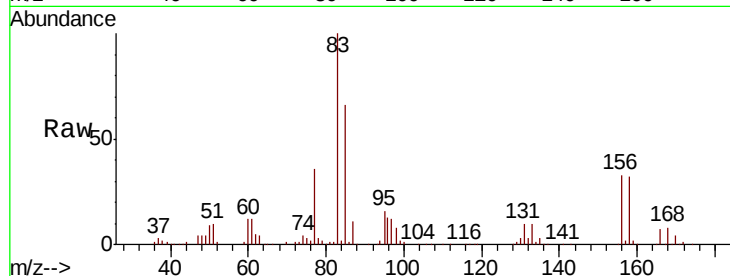
Tot Ion: 83 Resp: 69771

Ion Ratio Lower Upper

83 100

131 10.6 5.1 15.3

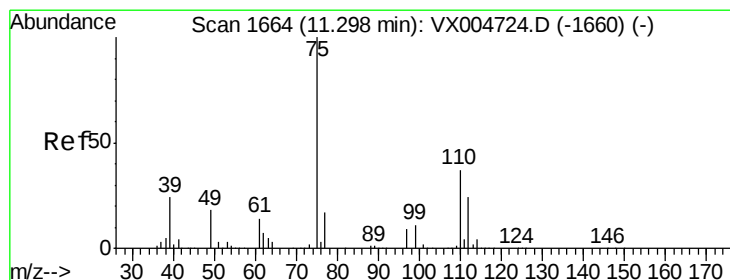
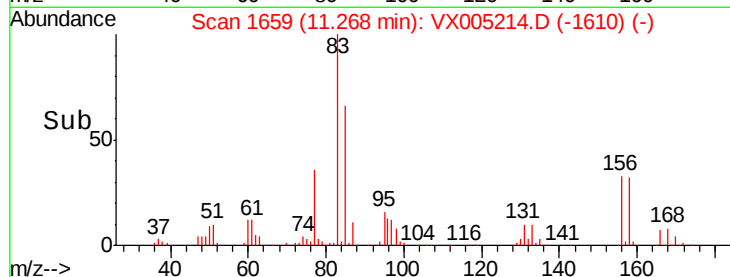
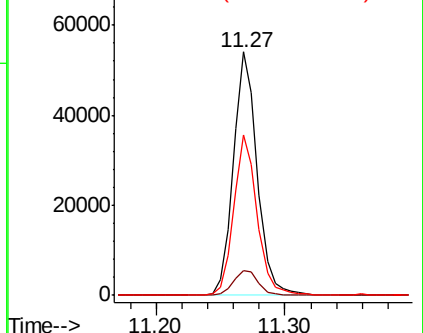
85 64.7 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX004724.D (-1652) (-)

Ion 130.80 (130.50 to 131.50): VX004724.D (-1652) (-)

Ion 84.90 (84.60 to 85.60): VX004724.D (-1652) (-)



#76

1,2,3-Trichloropropane

Concen: 20.620 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005214.D

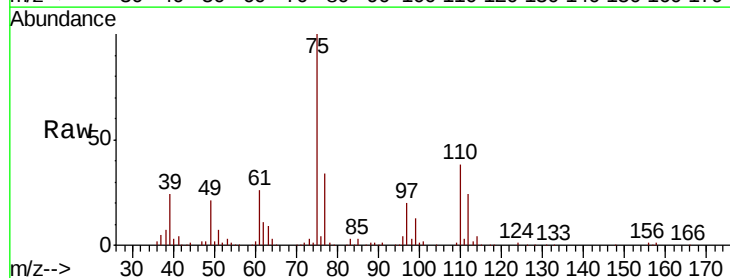
Acq: 10 Oct 2018 18:40

Tgt Ion: 75 Resp: 80062

Ion Ratio Lower Upper

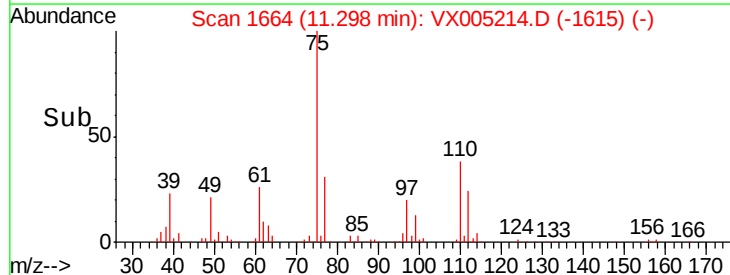
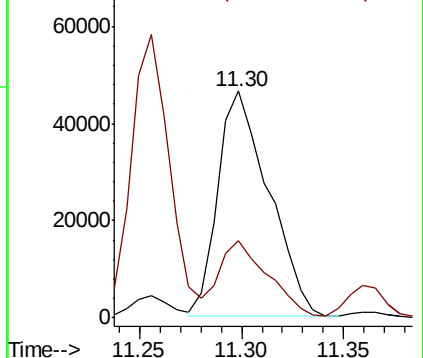
75 100

77 33.0 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX004724.D (-1660) (-)

Ion 77.00 (76.70 to 77.70): VX004724.D (-1660) (-)





#77

Bromobenzene

Concen: 16.737 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS03

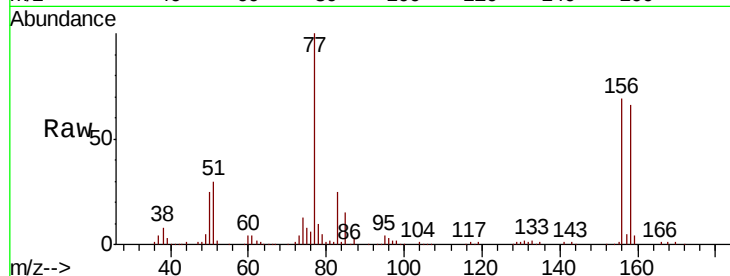
Tot Ion:156 Resp: 53082

Ion Ratio Lower Upper

156 100

77 144.6 73.4 220.2

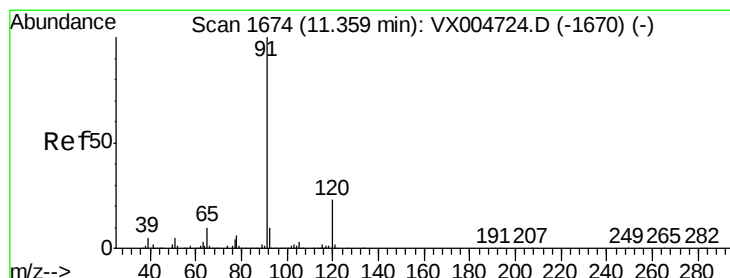
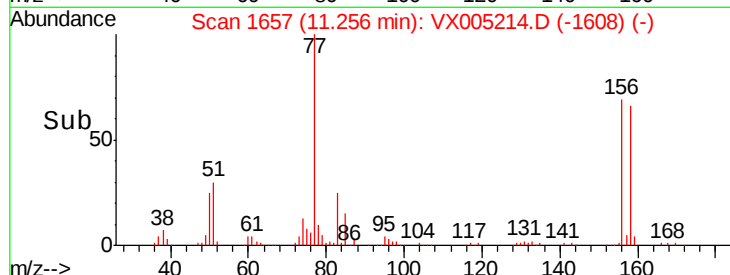
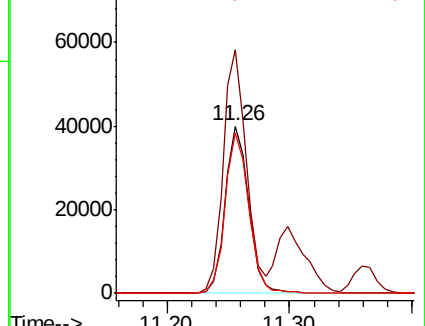
158 97.1 49.1 147.4



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: 17.448 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005214.D

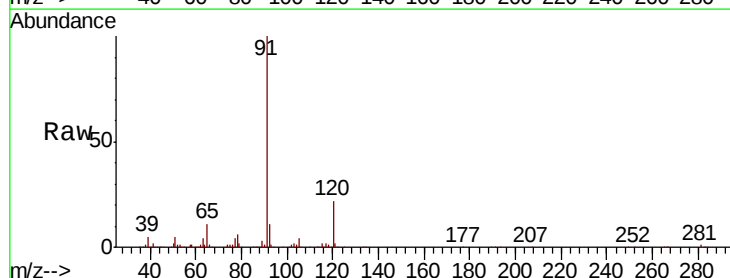
Acq: 10 Oct 2018 18:40

Tgt Ion: 91 Resp: 218591

Ion Ratio Lower Upper

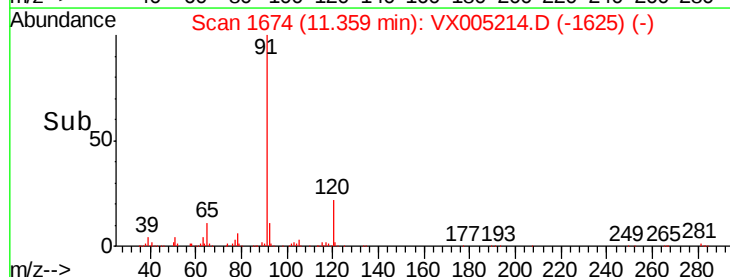
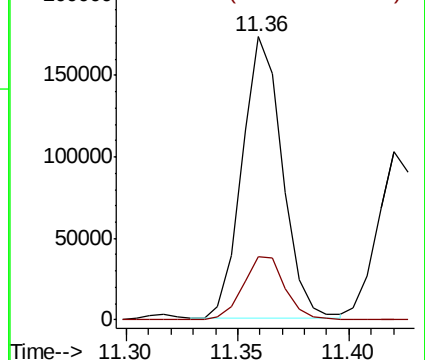
91 100

120 23.6 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: 17.193 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

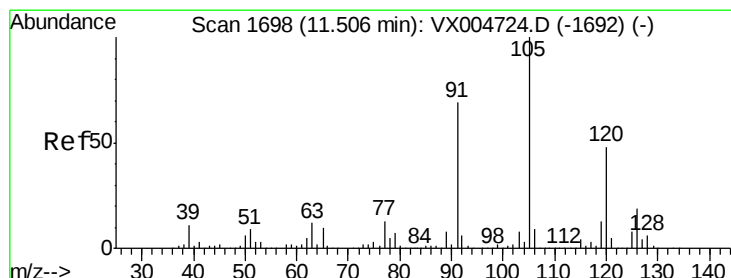
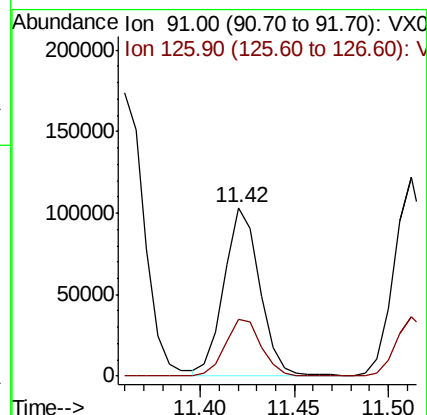
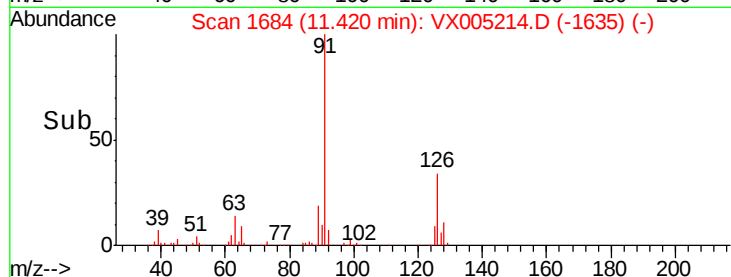
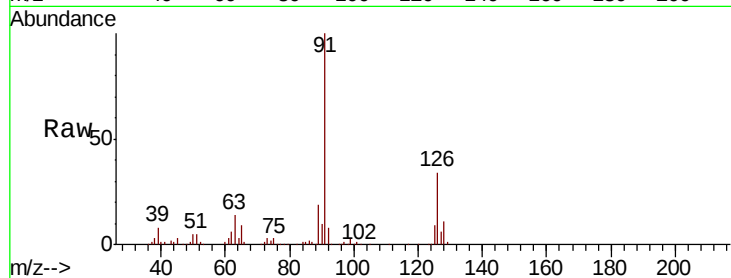
VX1010WBS03

Tot Ion: 91 Resp: 134258

Ion Ratio Lower Upper

91 100

126 34.8 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 16.314 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005214.D

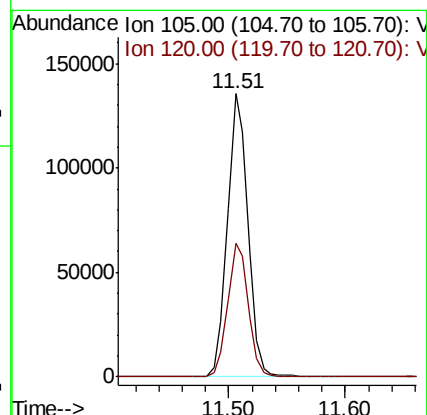
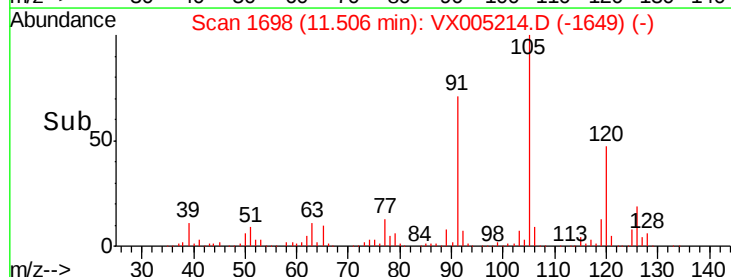
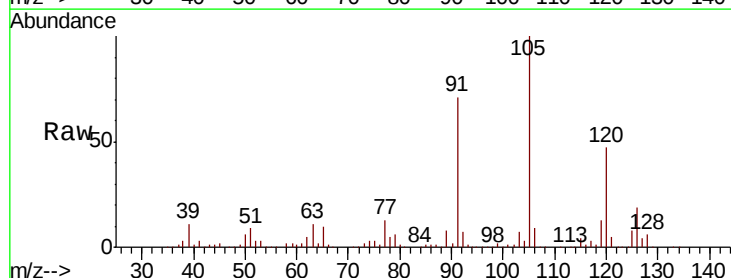
Acq: 10 Oct 2018 18:40

Tgt Ion: 105 Resp: 164599

Ion Ratio Lower Upper

105 100

120 47.7 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 14.816 ug/l

RT: 11.08 min Scan# 1628

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS03

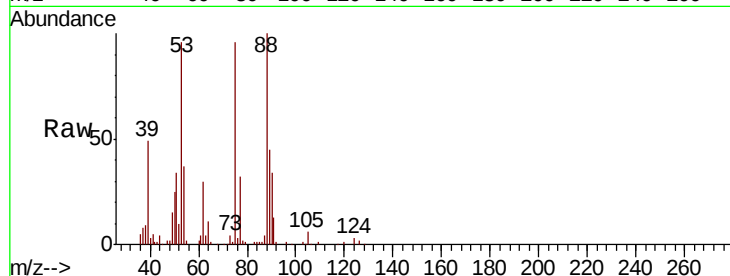
Tot Ion: 75 Resp: 19018

Ion Ratio Lower Upper

75 100

53 105.8 80.2 120.4

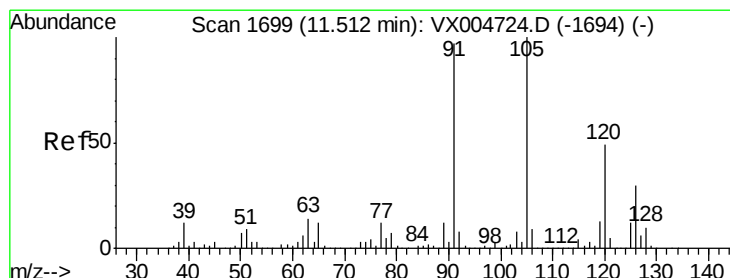
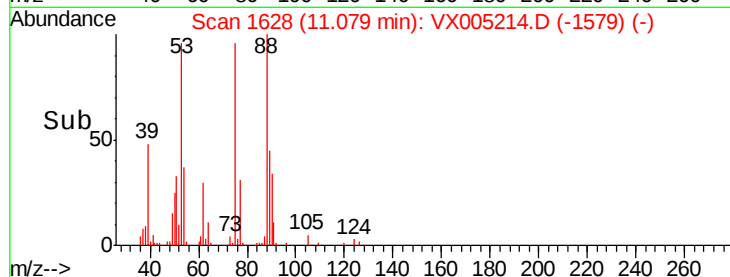
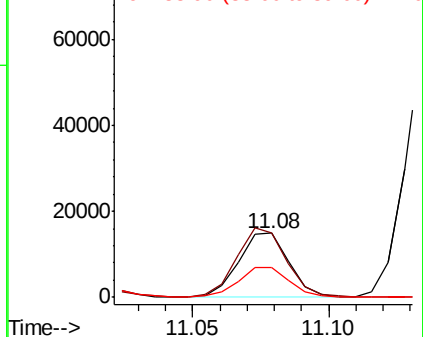
89 47.8 37.1 55.7



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: 17.101 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005214.D

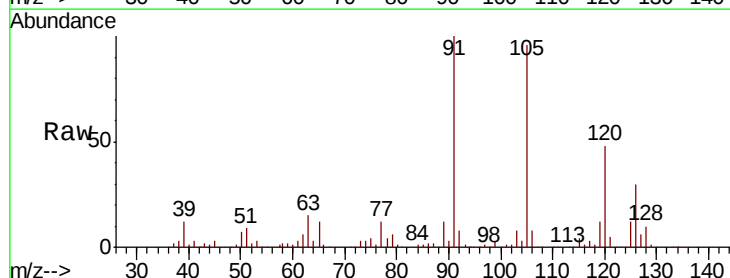
Acq: 10 Oct 2018 18:40

Tgt Ion: 91 Resp: 157185

Ion Ratio Lower Upper

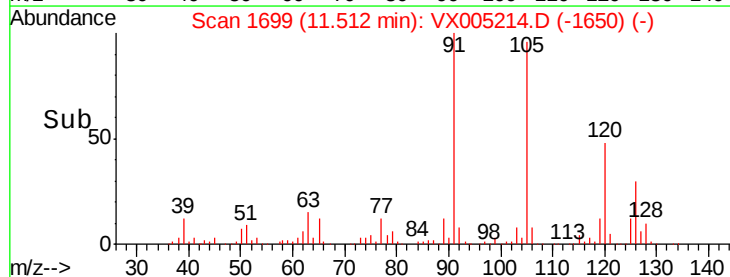
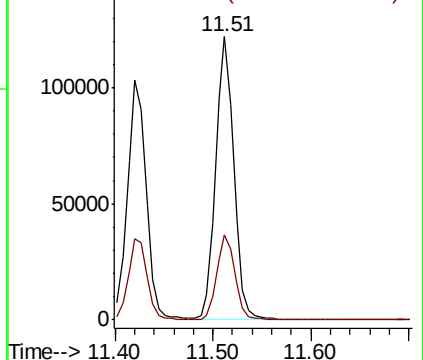
91 100

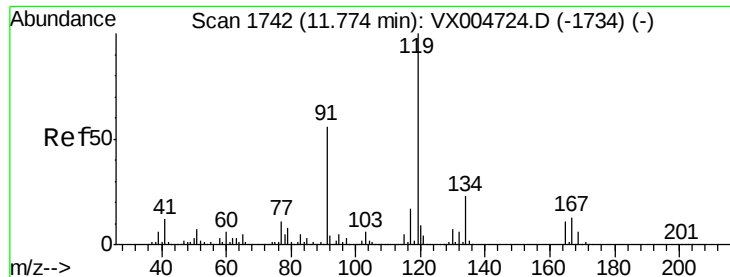
126 30.2 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

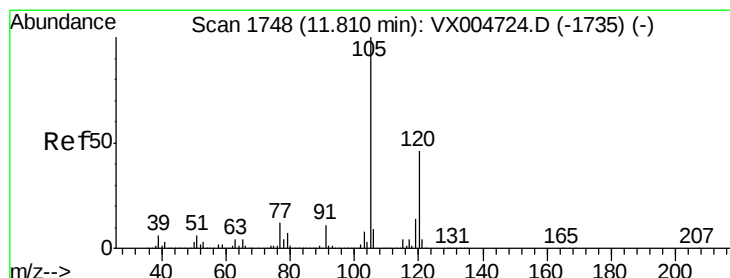
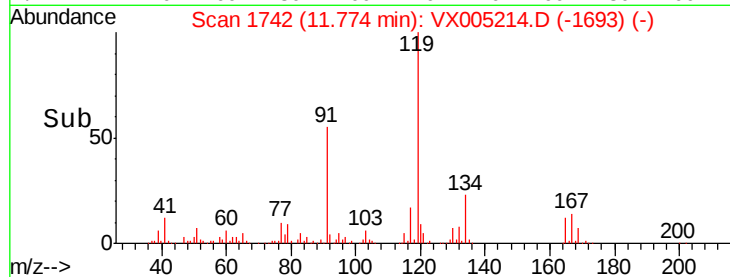
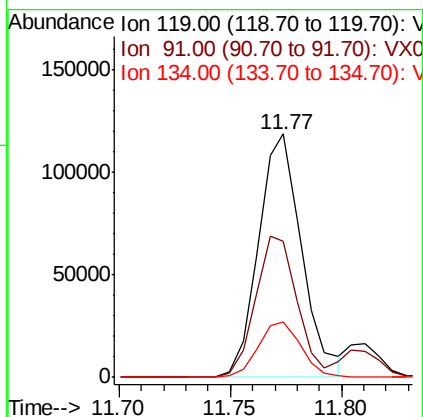
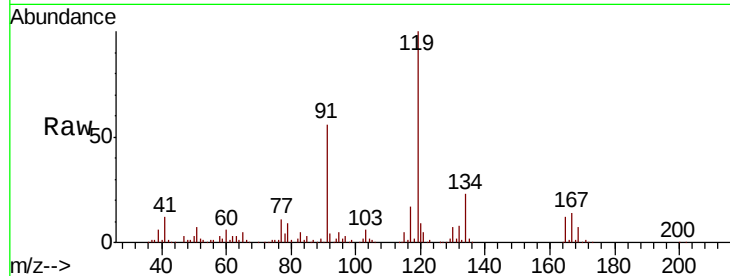




#83
 tert-Butylbenzene
 Concen: 17.826 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

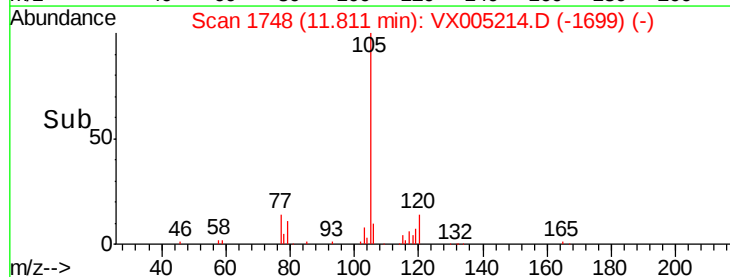
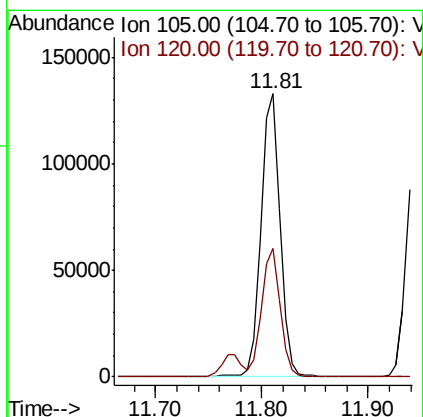
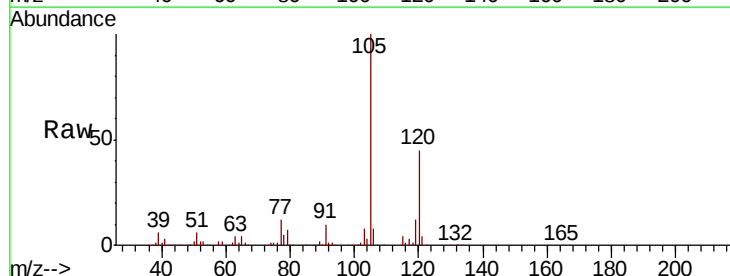
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS03

Tot Ion:119 Resp: 160250
 Ion Ratio Lower Upper
 119 100
 91 56.0 27.5 82.5
 134 23.0 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 16.145 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Tgt Ion:105 Resp: 168002
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.8 68.3

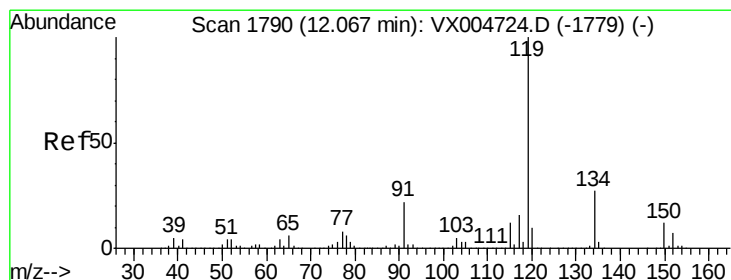
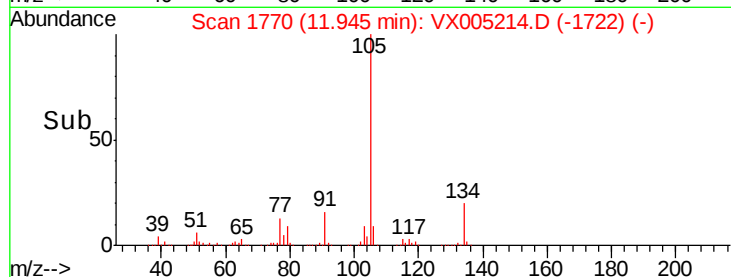
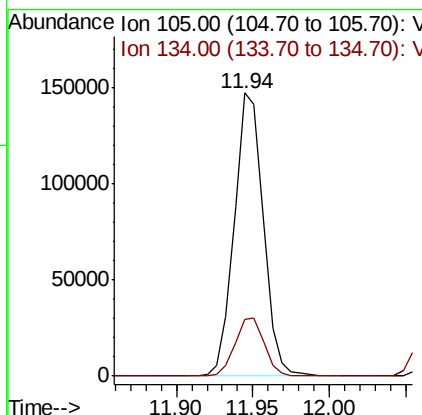
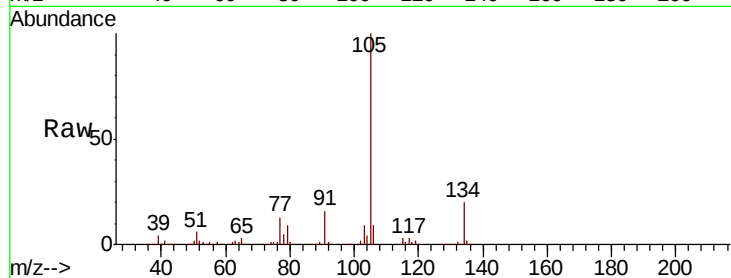




#85
 sec-Butylbenzene
 Concen: 17.629 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

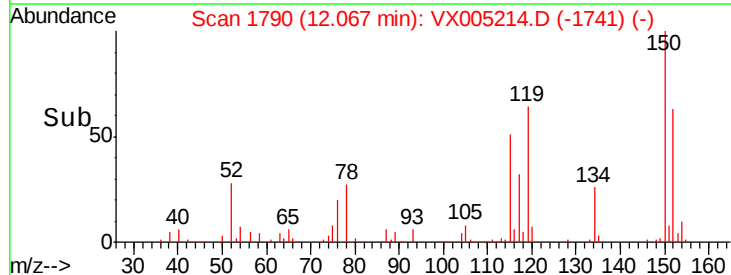
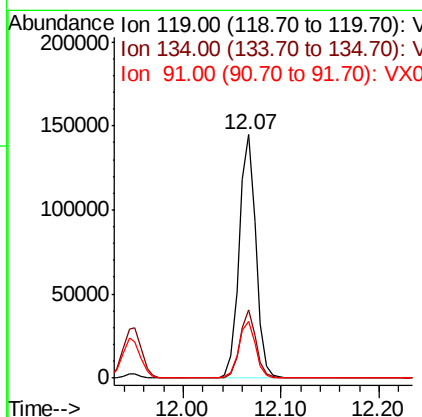
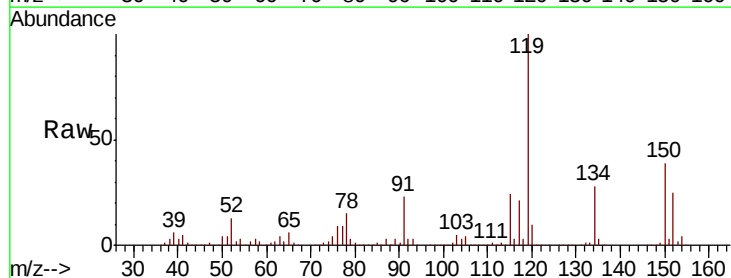
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS03

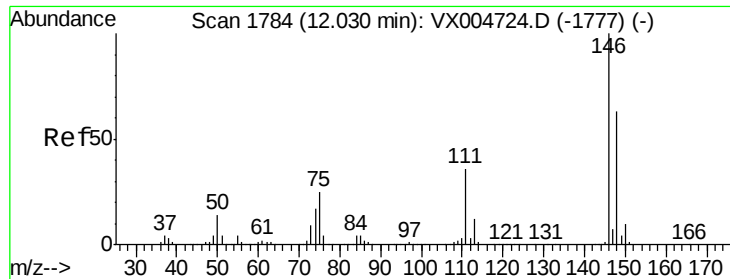
Tot Ion:105 Resp: 193039
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 17.212 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Tgt Ion:119 Resp: 170755
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.1
 91 23.4 11.5 34.4





#87

1,3-Dichlorobenzene

Concen: 16.407 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS03

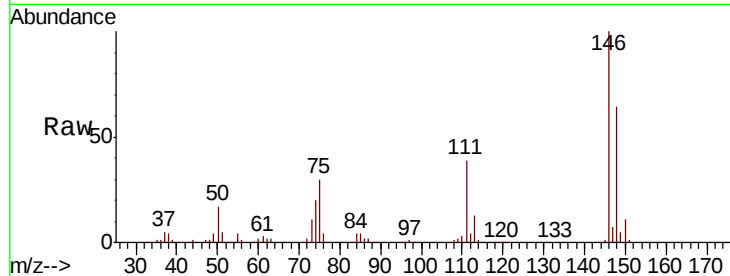
Tot Ion:146 Resp: 97161

Ion Ratio Lower Upper

146 100

111 37.5 18.9 56.9

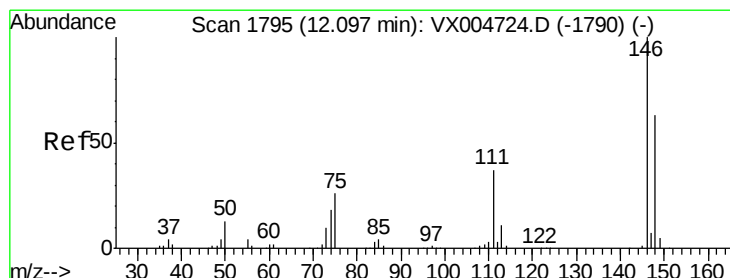
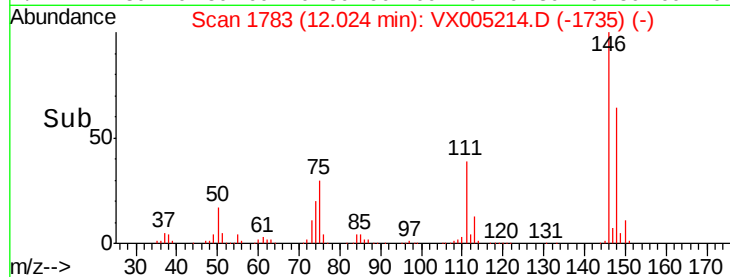
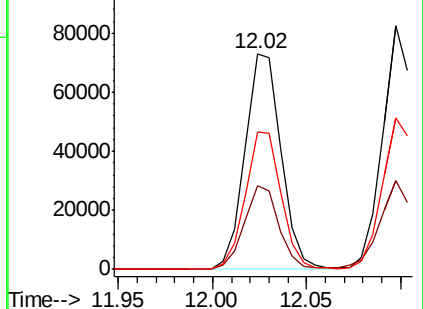
148 63.4 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 16.188 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

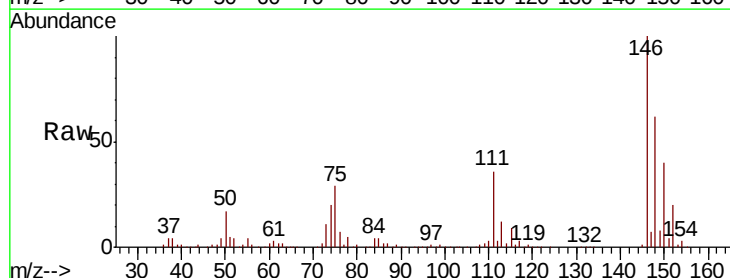
Tgt Ion:146 Resp: 98961

Ion Ratio Lower Upper

146 100

111 38.0 18.4 55.2

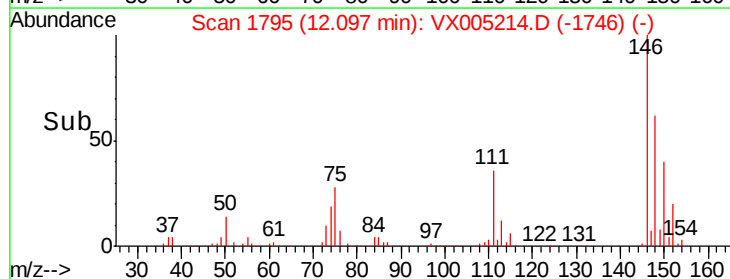
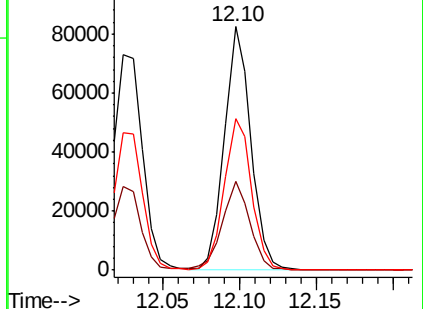
148 64.4 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

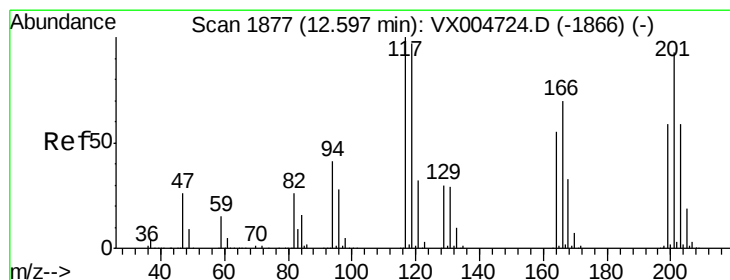
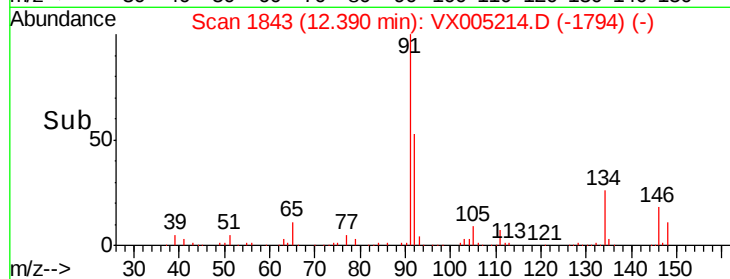
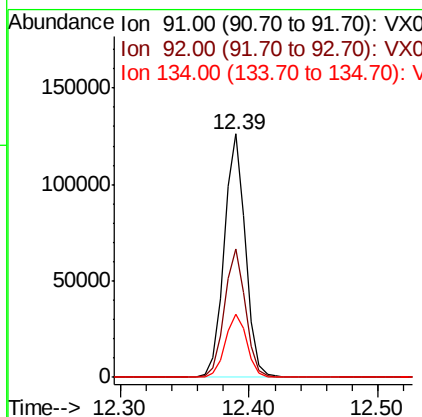
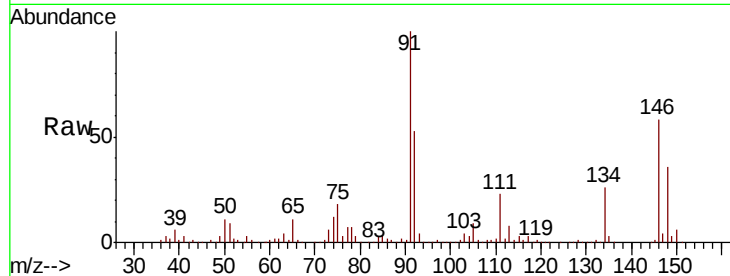




#89
n-Butylbenzene
Concen: 16.263 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

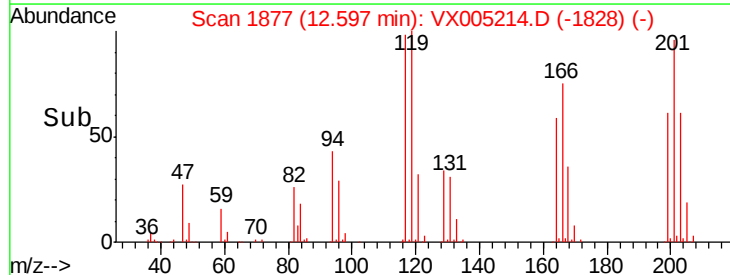
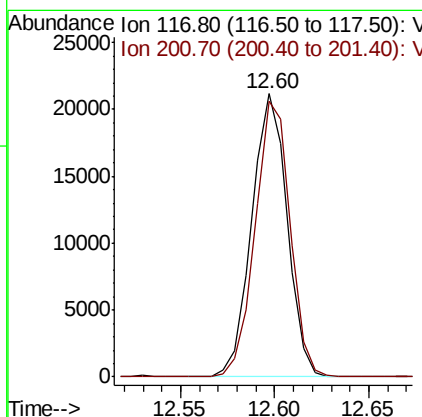
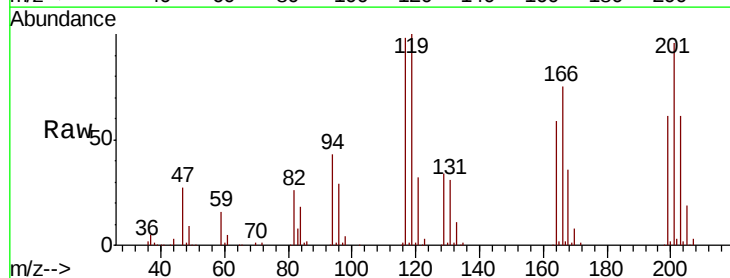
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS03

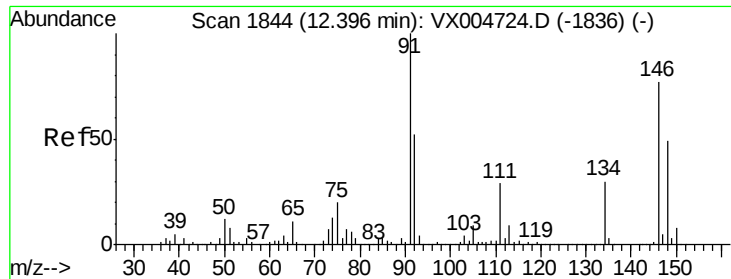
Tot Ion: 91 Resp: 146528
Ion Ratio Lower Upper
91 100
92 52.4 26.0 78.0
134 26.4 13.2 39.6



#90
Hexachloroethane
Concen: 16.642 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005214.D
Acq: 10 Oct 2018 18:40

Tgt Ion: 117 Resp: 27489
Ion Ratio Lower Upper
117 100
201 96.5 48.4 145.0





#91

1,2-Dichlorobenzene

Concen: 15.599 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS03

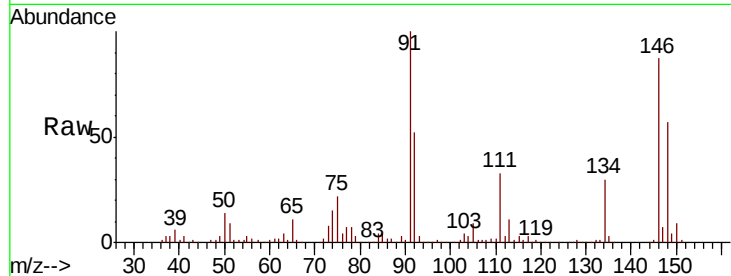
Tot Ion:146 Resp: 96539

Ion Ratio Lower Upper

146 100

111 39.4 19.6 58.7

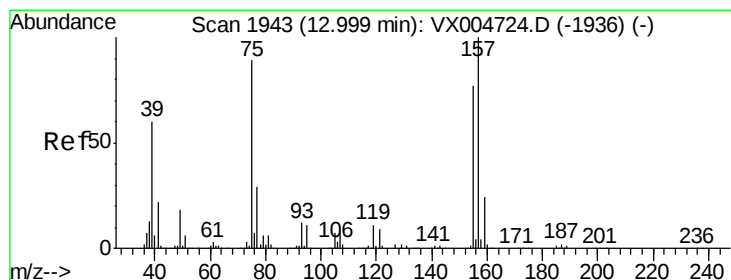
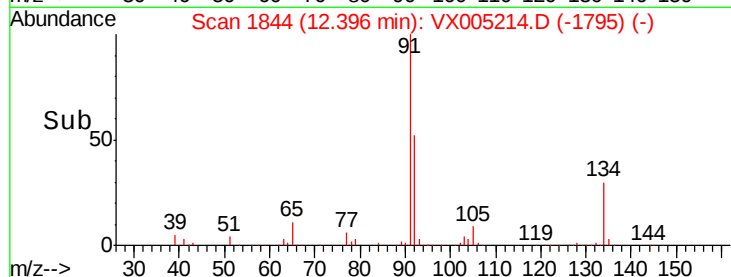
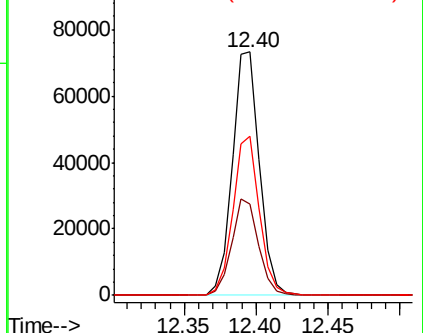
148 63.7 31.8 95.4



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: 16.068 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

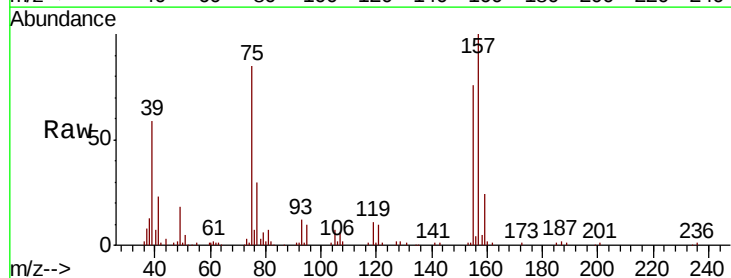
Tgt Ion: 75 Resp: 15681

Ion Ratio Lower Upper

75 100

155 96.3 46.1 138.3

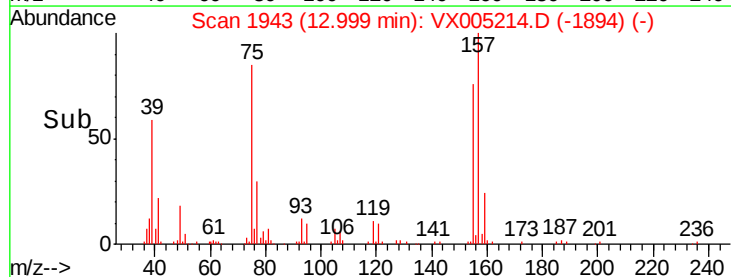
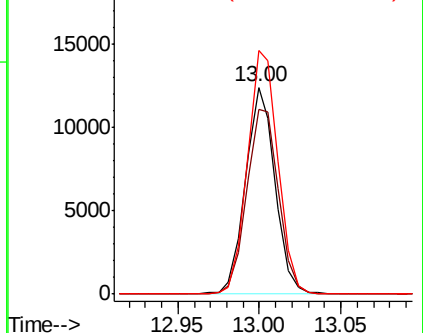
157 121.3 60.2 180.6

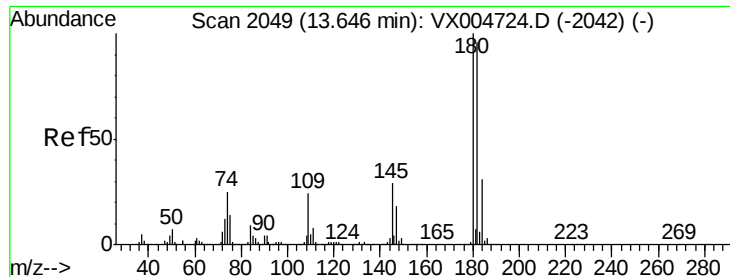


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

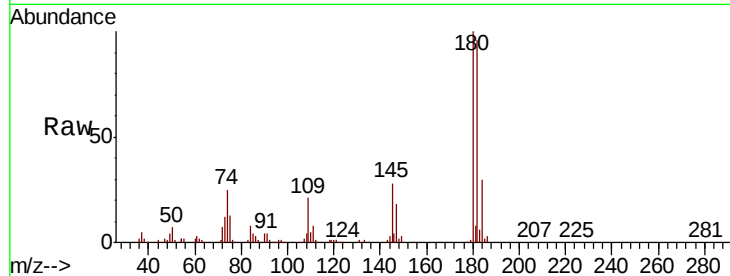




#93
 1,2,4-Trichlorobenzene
 Concen: 15.952 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS03

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.3	47.8	143.4
145	28.3	14.1	42.4

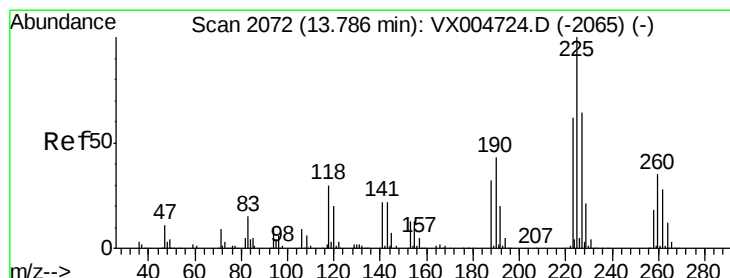
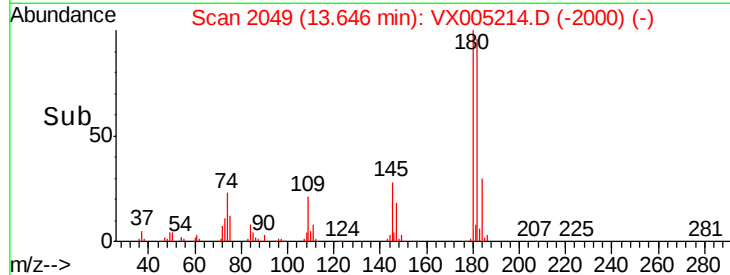
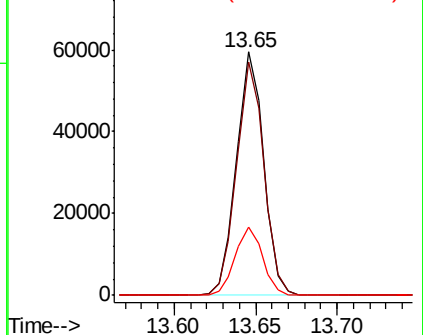


Abundance

Ion 179.80 (179.50 to 180.50): V

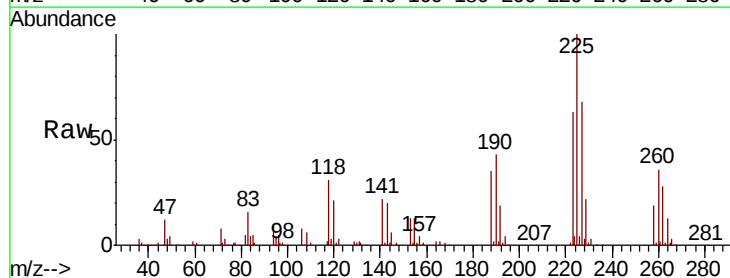
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 16.110 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005214.D
 Acq: 10 Oct 2018 18:40

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	31.3	93.8
227	66.0	31.9	95.5

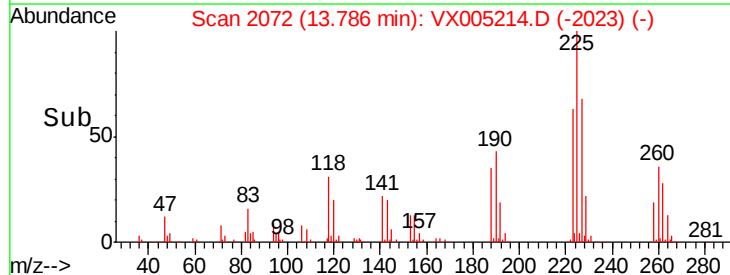
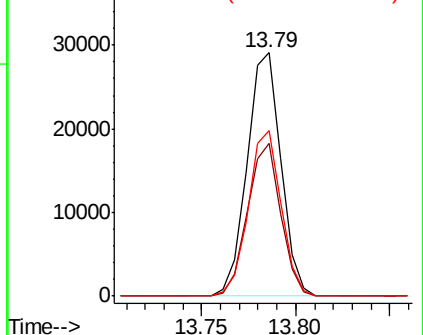


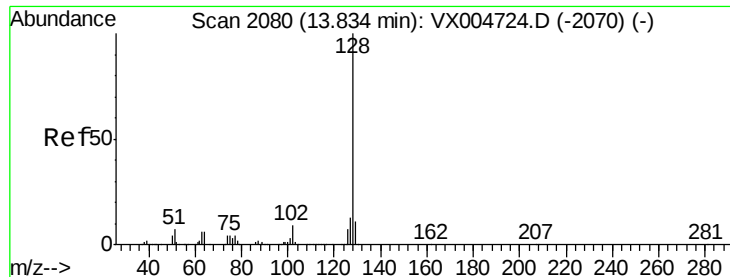
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 15.153 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS03

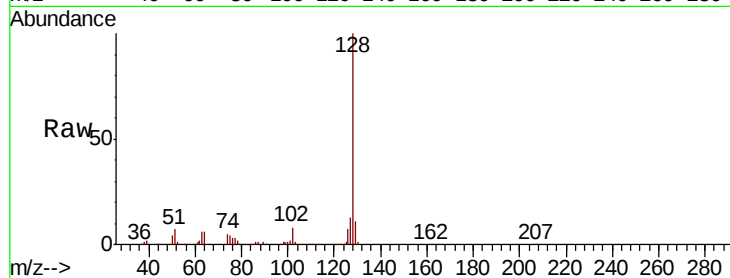
Tot Ion:128 Resp: 211004

Ion Ratio Lower Upper

128 100

127 13.3 10.4 15.6

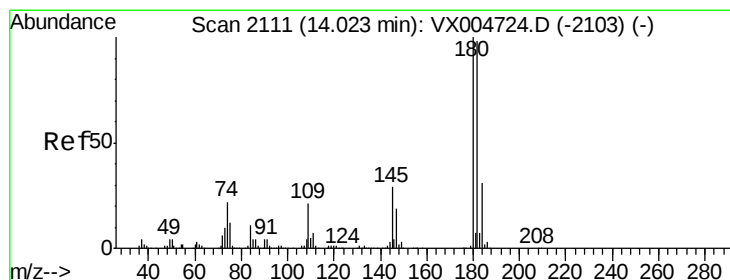
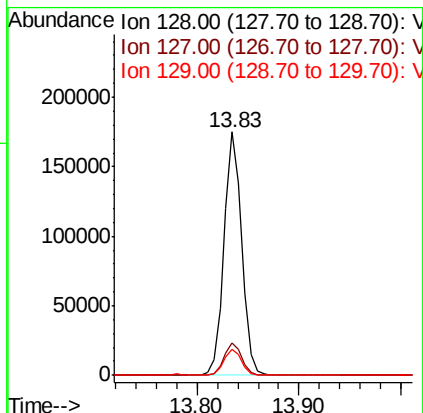
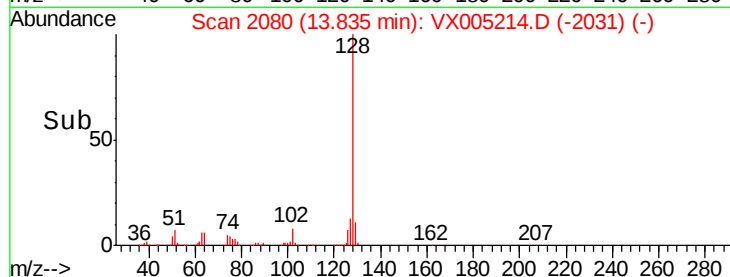
129 10.7 8.7 13.1



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: 16.332 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX005214.D

Acq: 10 Oct 2018 18:40

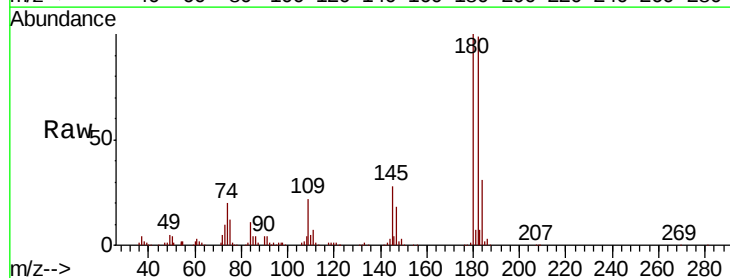
Tgt Ion:180 Resp: 73243

Ion Ratio Lower Upper

180 100

182 96.1 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

