

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX005024.D
 Acq On : 04 Oct 2018 17:48
 Operator : JC/MD
 Sample : J5155-02 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 05 03:22:39 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	236996	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	384098	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	373244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	229129	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	171295	50.60	ug/l	0.00
Spiked Amount			Recovery	=	101.20%	
35) Dibromofluoromethane	5.50	113	148045	45.48	ug/l	0.00
Spiked Amount			Recovery	=	90.96%	
50) Toluene-d8	8.72	98	549030	50.73	ug/l	0.00
Spiked Amount			Recovery	=	101.46%	
62) 4-Bromofluorobenzene	11.14	95	213215	54.69	ug/l	0.00
Spiked Amount			Recovery	=	109.38%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	504	0.231	ug/l #	52
6) Chloroethane	1.71	64	128	Below Cal	#	64
10) Methyl Iodide	2.51	142	962	0.277	ug/l #	88
11) Tert butyl alcohol	3.03	59	3367	3.557	ug/l #	72
13) Acrolein	2.28	56	204	0.303	ug/l #	1
15) Acrylonitrile	3.15	53	664	0.319	ug/l #	36
16) Acetone	2.45	43	4581	2.318	ug/l #	85
17) Carbon Disulfide	2.57	76	3175	0.411	ug/l #	92
19) Methyl tert-butyl Ether	3.20	73	1837	0.207	ug/l #	84
20) Methylene Chloride	2.85	84	786	Below Cal	#	76
25) 2-Butanone	4.71	43	1218	0.418	ug/l	98
29) Tetrahydrofuran	5.17	42	1093	0.604	ug/l #	78
31) Cyclohexane	5.57	56	4068	0.944	ug/l #	82
36) 1,1-Dichloropropene	5.67	75	16137	3.633	ug/l #	45
38) Carbon Tetrachloride	5.66	117	21087	4.517	ug/l #	17
39) Methylcyclohexane	7.46	83	5584	1.231	ug/l	89
40) Benzene	6.14	78	93592	6.731	ug/l	98
49) 1,4-Dioxane	7.78	88	21	0.219	ug/l #	1
52) Toluene	8.79	92	14750	1.931	ug/l	98
56) Ethyl methacrylate	9.21	69	120	2.883	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.32	63	91	14.272	ug/l #	49
67) Ethyl Benzene	10.36	91	329021	21.653	ug/l #	76
68) m/p-Xylenes	10.37	106	161291	27.163	ug/l	95
69) o-Xylene	10.70	106	83777	15.361	ug/l	99
70) Styrene	10.70	104	5268	2.635	ug/l #	1
73) Isopropylbenzene	11.02	105	60181	4.167	ug/l	100
74) N-amyl acetate	10.90	43	452	1.803	ug/l #	53
76) 1,2,3-Trichloropropane	11.14	75	104983	20.442	ug/l #	35
79) 2-Chlorotoluene	11.67	91	6928	0.671	ug/l	72
80) 1,3,5-Trimethylbenzene	11.51	105	129350	9.612	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	104983	55.525	ug/l #	10
82) 4-Chlorotoluene	11.51	91	14612	1.202	ug/l #	49
83) tert-Butylbenzene	11.81	119	43970	3.698	ug/l #	63
84) 1,2,4-Trimethylbenzene	11.81	105	340239	24.825	ug/l	100

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

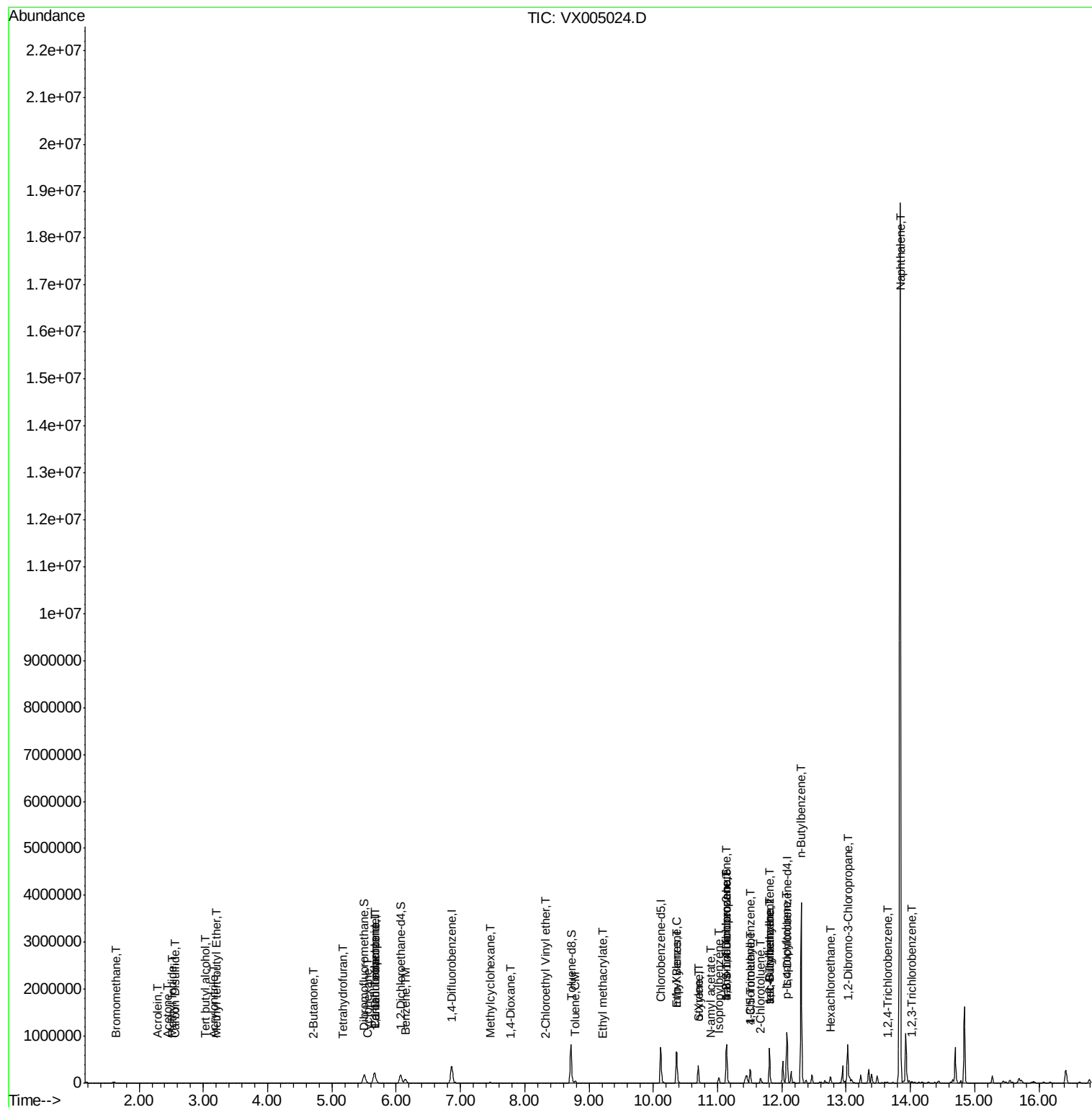
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
85) sec-Butylbenzene	11.81	105	340239	23.492	ug/l #	56
86) p-Isopropyltoluene	12.07	119	8392	0.640	ug/l #	74
89) n-Butylbenzene	12.30	91	243462	20.429	ug/l #	44
90) Hexachloroethane	12.76	117	57698	26.409	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	13.02	75	13690	10.605	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	1371	0.239	ug/l #	86
95) Naphthalene	13.84	128	10932986	566.105	ug/l	95
96) 1,2,3-Trichlorobenzene	14.02	180	1255	0.212	ug/l #	1

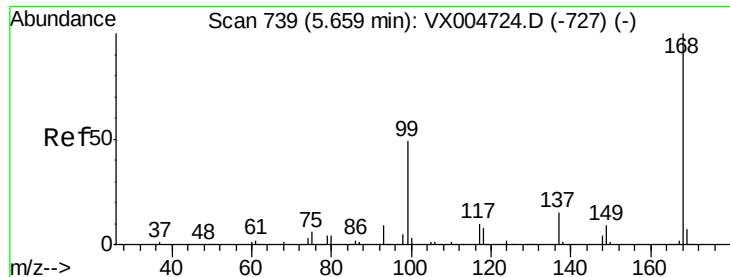
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005024.D

Acq: 04 Oct 2018 17:48

Instrument :

MSVOA_X

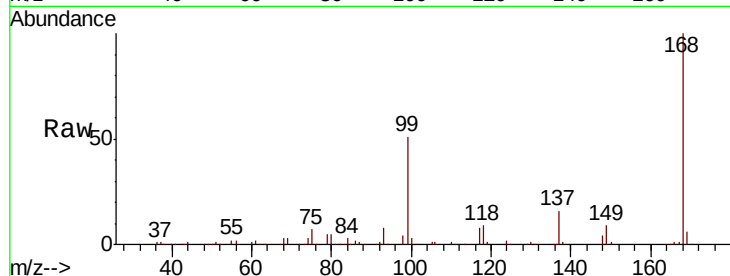
ClientSampleId :

Tot Ion:168 Resp: 236996

Ion Ratio Lower Upper

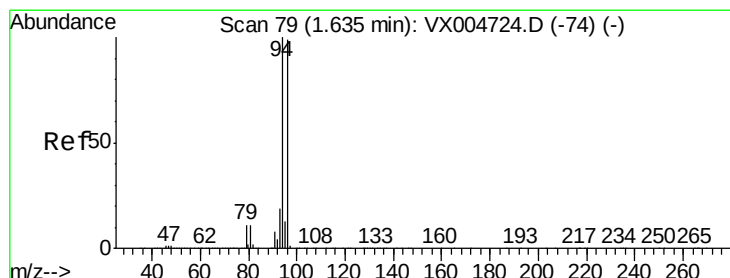
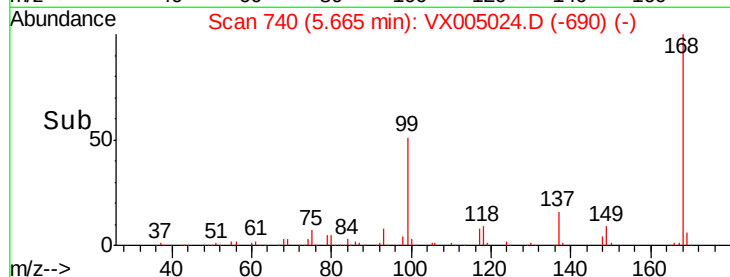
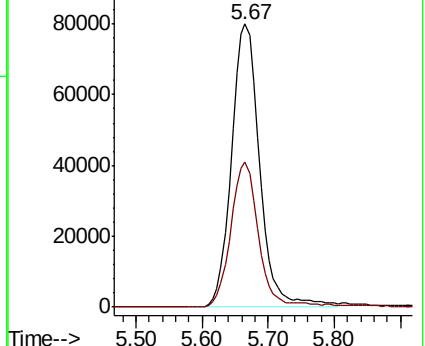
168 100

99 51.1 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: 0.231 ug/l

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX005024.D

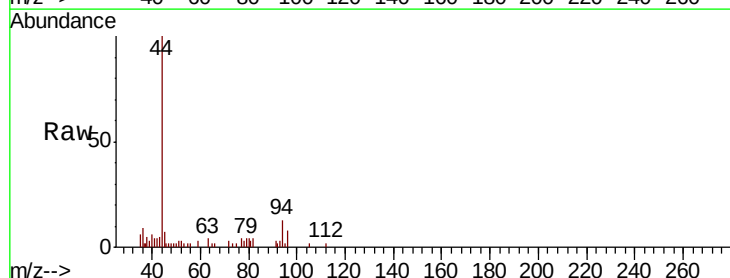
Acq: 04 Oct 2018 17:48

Tgt Ion: 94 Resp: 504

Ion Ratio Lower Upper

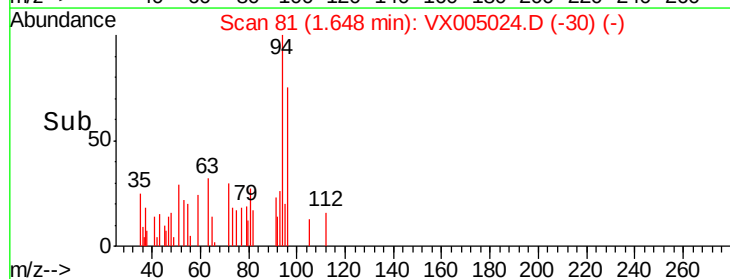
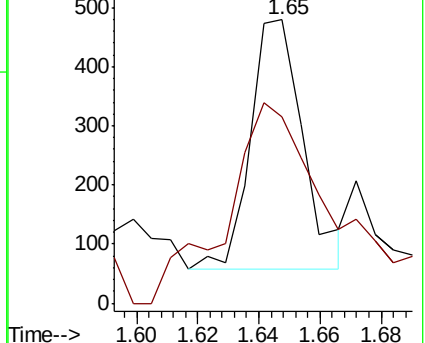
94 100

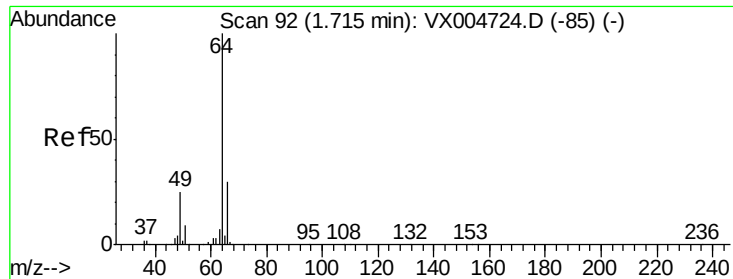
96 51.1 79.5 119.3#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005024.D

Acq: 04 Oct 2018 17:48

Instrument :

MSVOA_X

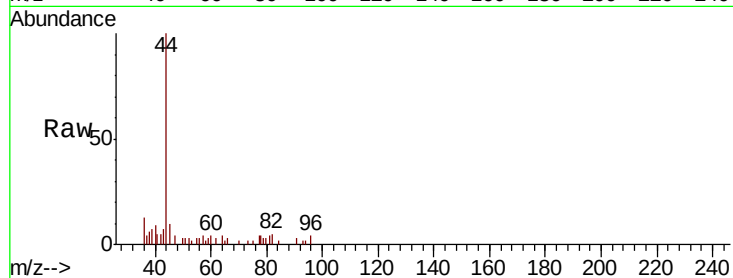
ClientSampleId :

Tot Ion: 64 Resp: 128

Ion Ratio Lower Upper

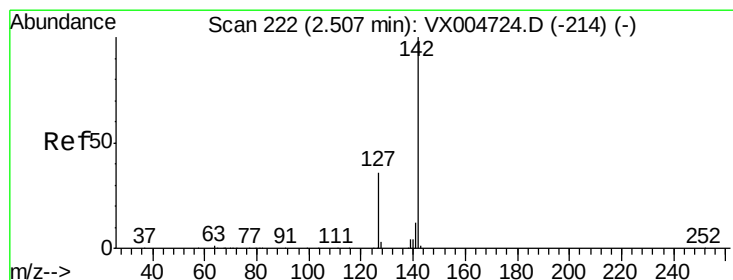
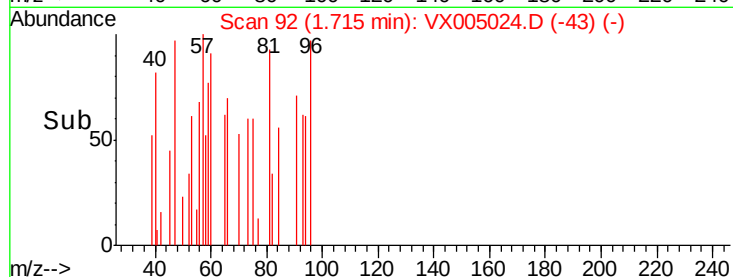
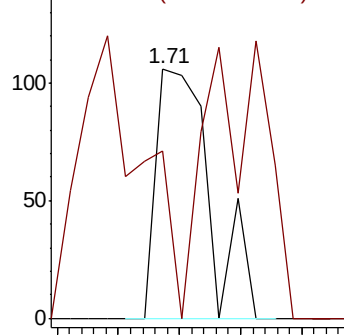
64 100

66 10.4 23.8 35.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



#10

Methyl Iodide

Concen: 0.277 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX005024.D

Acq: 04 Oct 2018 17:48

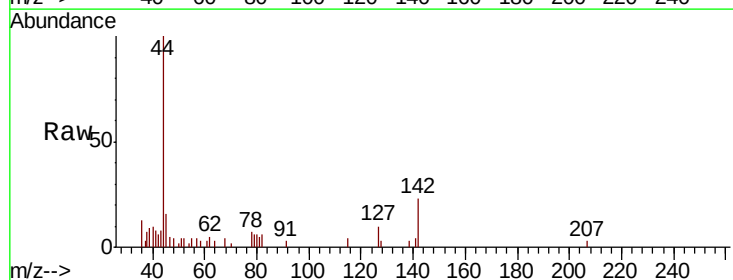
Tgt Ion: 142 Resp: 962

Ion Ratio Lower Upper

142 100

127 47.2 30.1 45.1#

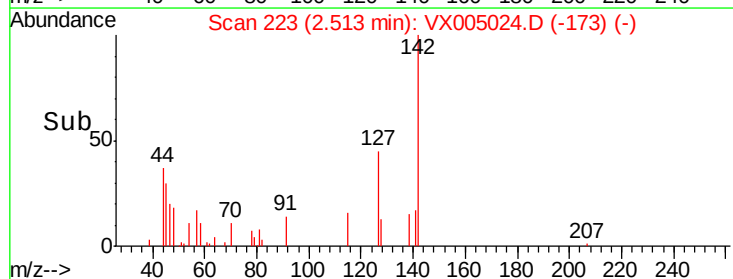
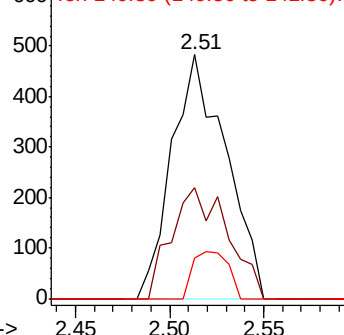
141 12.5 10.1 15.1

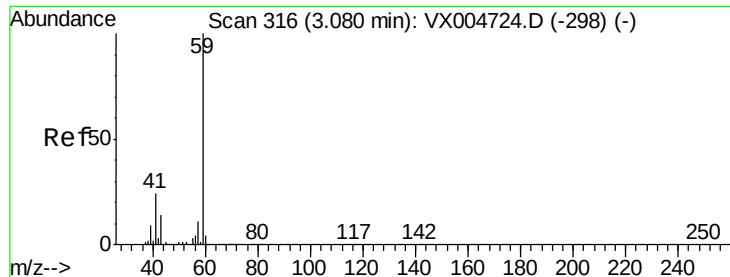


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

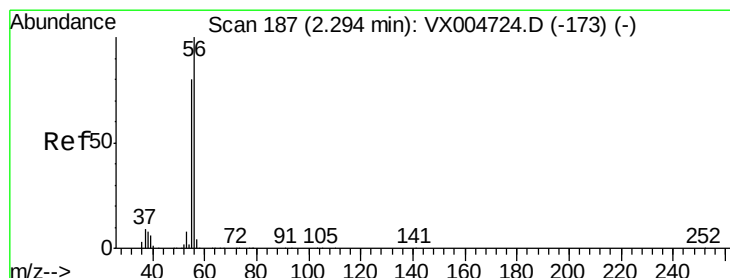
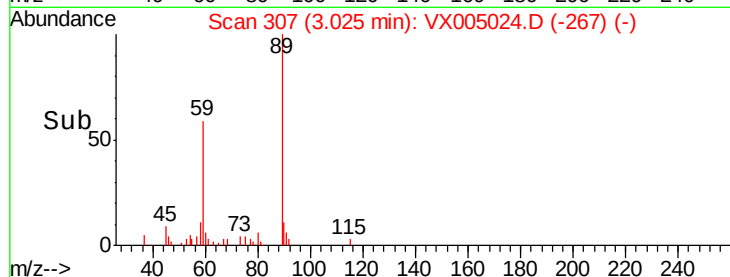
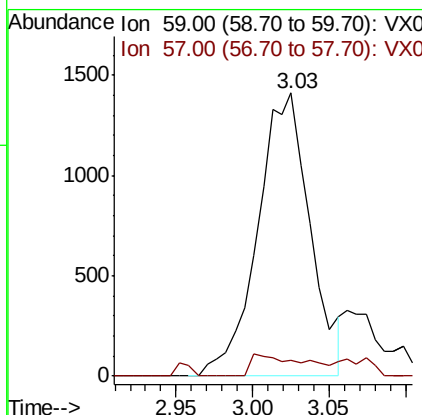
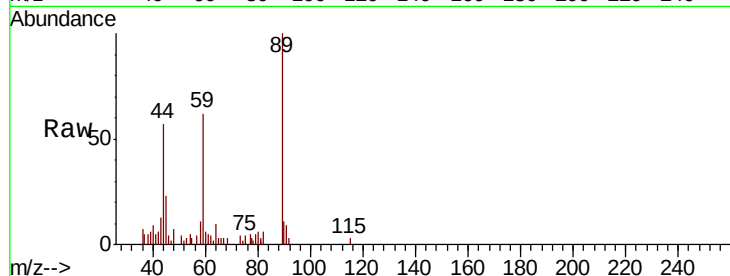




#11
Tert butyl alcohol
Concen: 3.557 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX005024.D
Acq: 04 Oct 2018 17:48

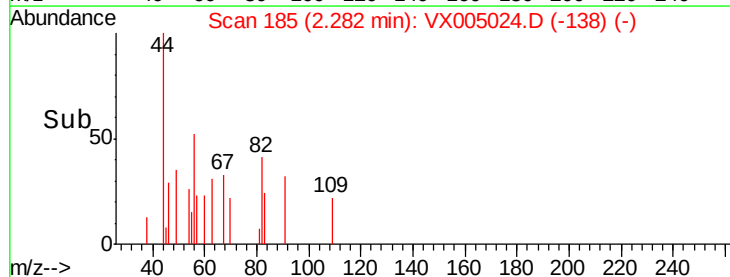
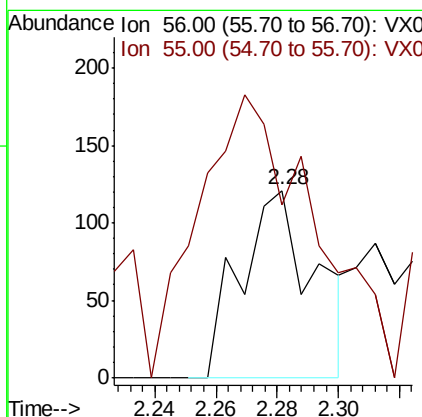
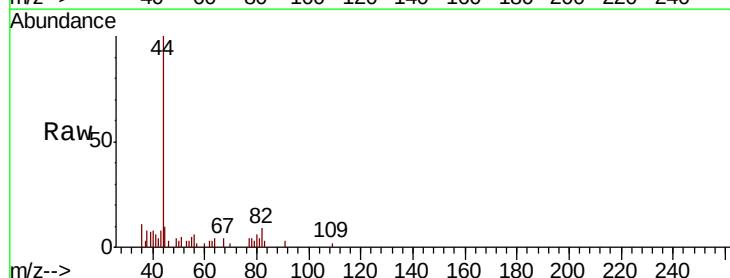
Instrument :
MSVOA_X
ClientSampled :

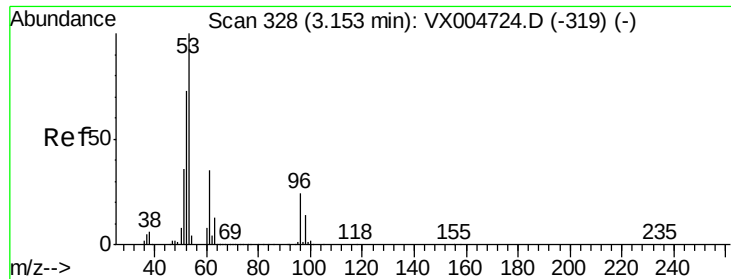
Tot Ion: 59 Resp: 3367
Ion Ratio Lower Upper
59 100
57 0.0 8.6 12.8#



#13
Acrolein
Concen: 0.303 ug/l
RT: 2.28 min Scan# 185
Delta R.T. -0.01 min
Lab File: VX005024.D
Acq: 04 Oct 2018 17:48

Tgt Ion: 56 Resp: 204
Ion Ratio Lower Upper
56 100
55 235.3 63.4 95.2#





#15

Acrylonitrile

Concen: 0.319 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX005024.D

Acq: 04 Oct 2018 17:48

Instrument :

MSVOA_X

ClientSampleId :

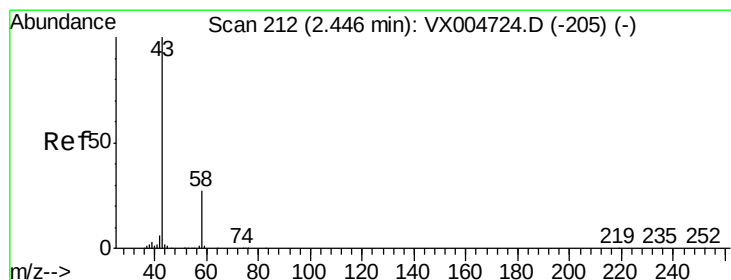
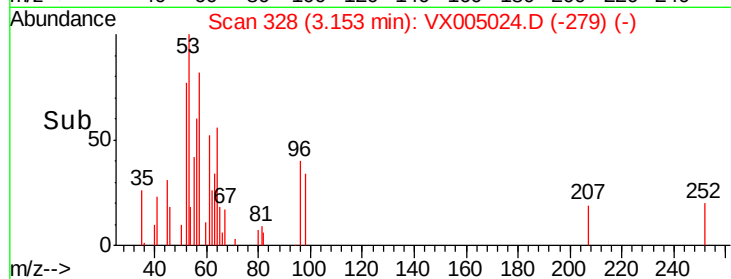
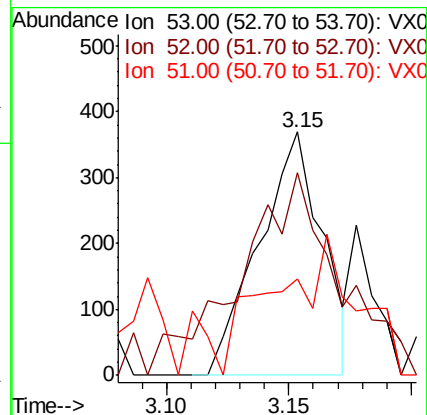
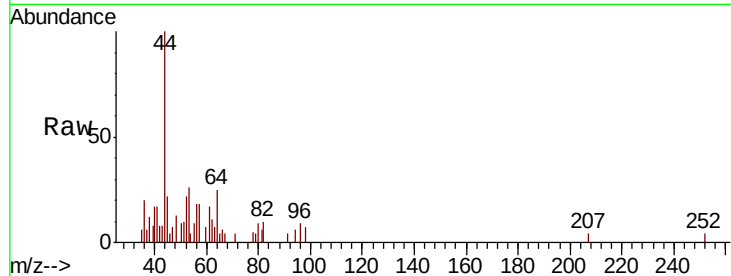
Tot Ion: 53 Resp: 664

Ion	Ratio	Lower	Upper
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53	100		
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52	133.1	63.0	94.4#
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51	75.8	28.6	42.8#
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#16

Acetone

Concen: 2.318 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005024.D

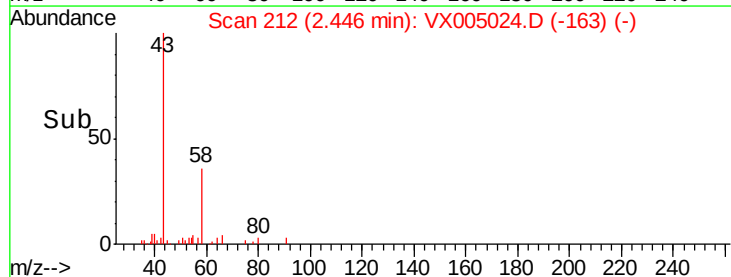
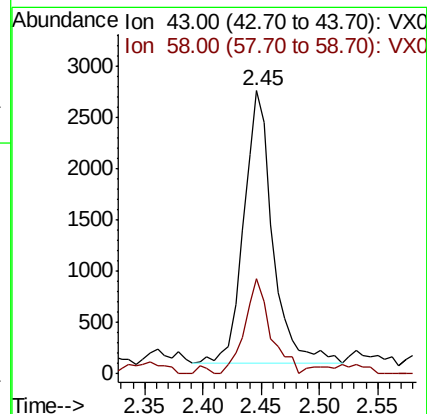
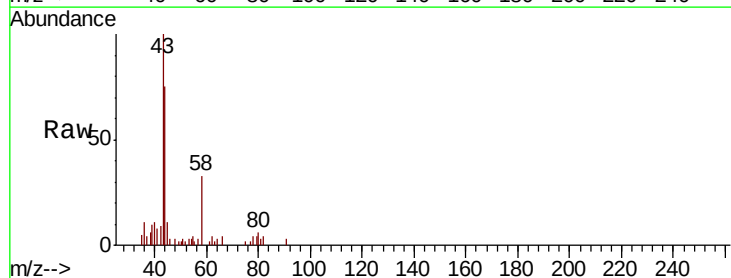
Acq: 04 Oct 2018 17:48

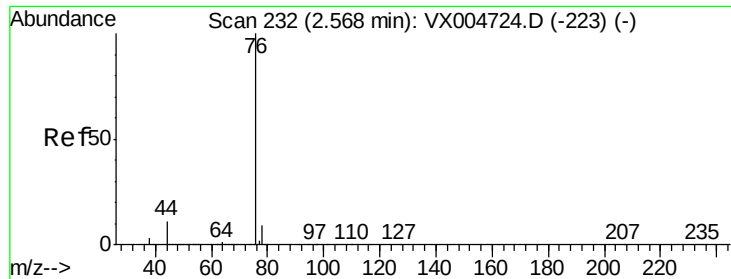
Tgt Ion: 43 Resp: 4581

Ion	Ratio	Lower	Upper
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43	100		
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58	34.8	21.8	32.6#
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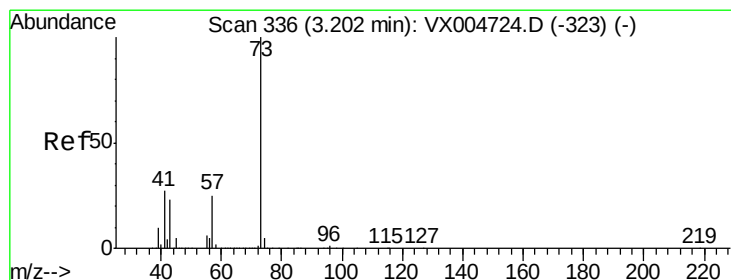
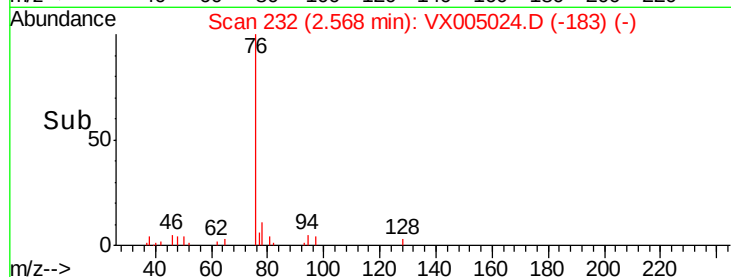
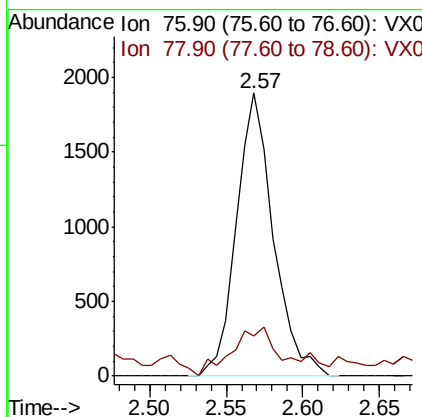
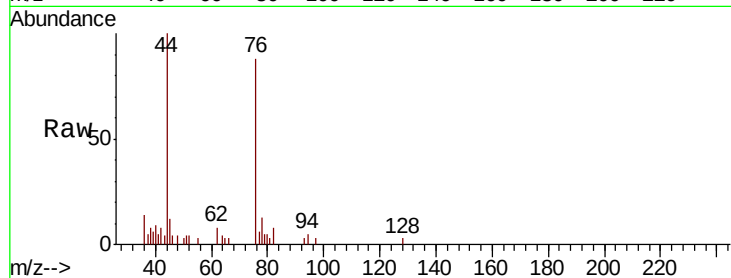




#17
Carbon Disulfide
Concen: 0.411 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005024.D
Acq: 04 Oct 2018 17:48

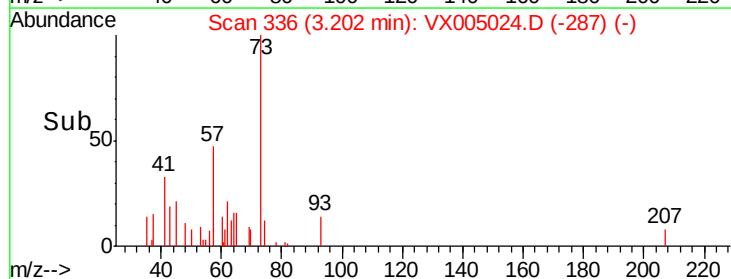
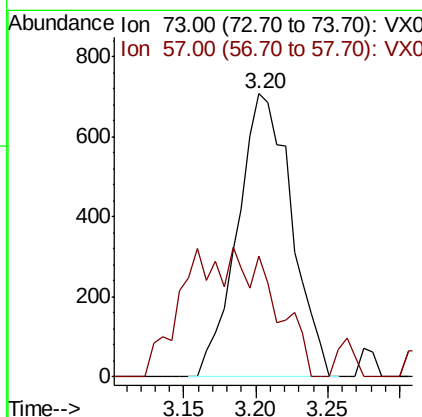
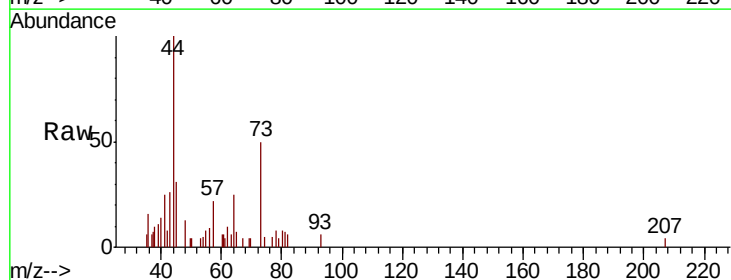
Instrument :
MSVOA_X
ClientSampleId :

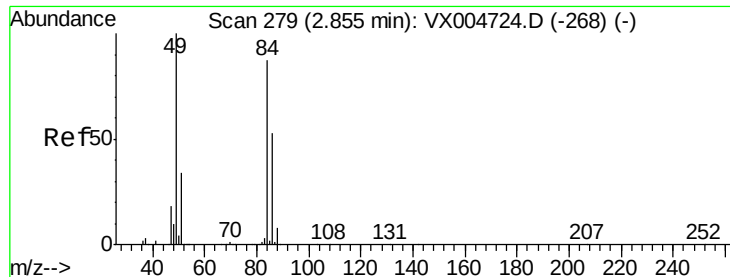
Tot Ion: 76 Resp: 3175
Ion Ratio Lower Upper
76 100
78 11.5 7.0 10.6#



#19
Methyl tert-butyl Ether
Concen: 0.207 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005024.D
Acq: 04 Oct 2018 17:48

Tgt Ion: 73 Resp: 1837
Ion Ratio Lower Upper
73 100
57 33.0 19.9 29.9#

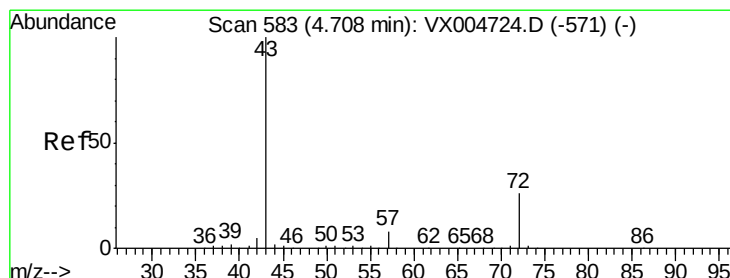
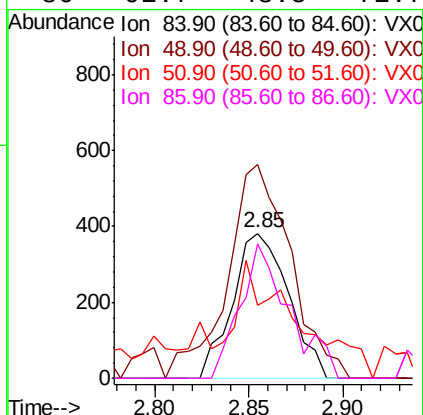
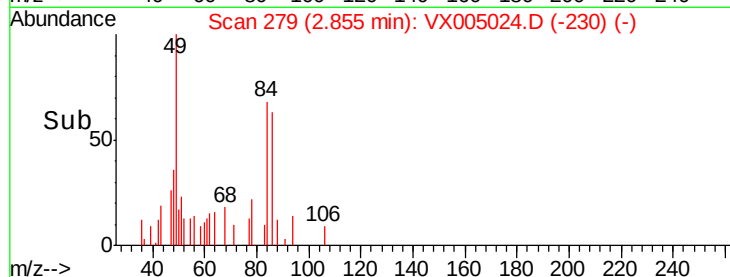
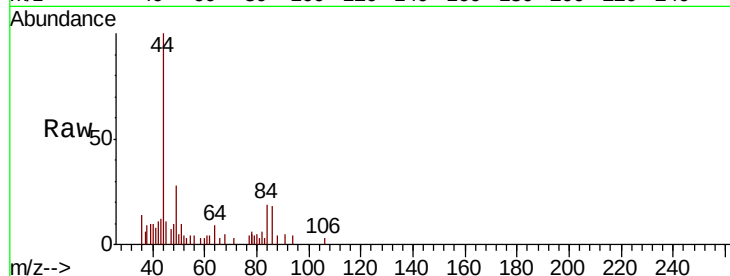




#20
Methylene Chloride
Concen: Below Cal
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX005024.D
Acq: 04 Oct 2018 17:48

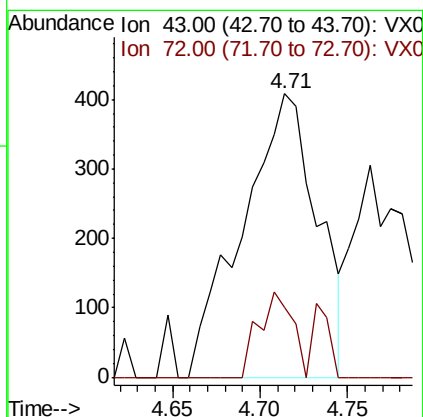
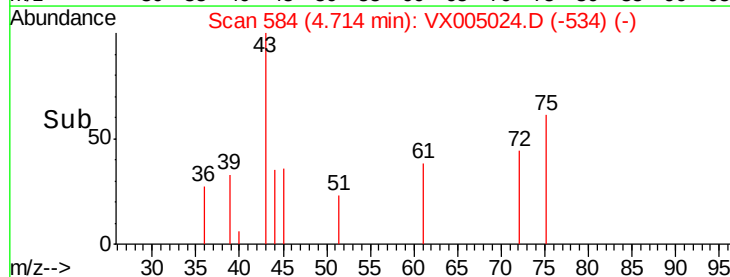
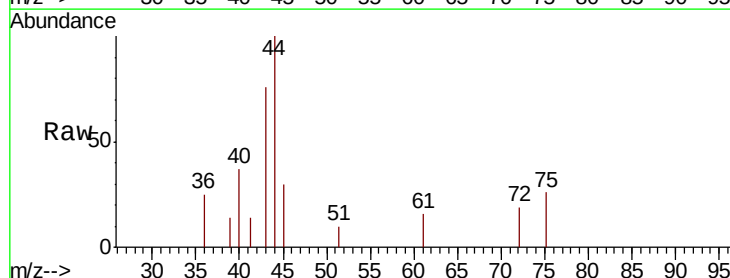
Instrument :
MSVOA_X
ClientSampleId :

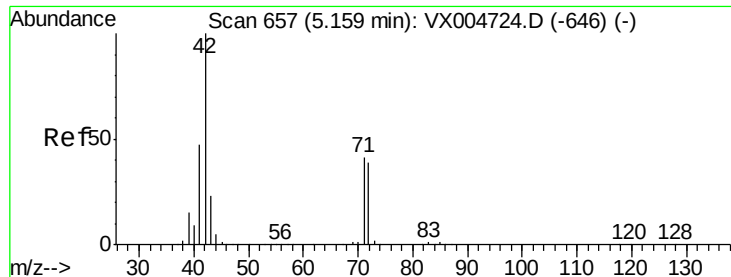
Tot Ion:	84	Resp:	786
Ion	Ratio	Lower	Upper
84	100		
49	134.3	92.3	138.5
51	30.1	31.8	47.6#
86	92.7	48.5	72.7#



#25
2-Butanone
Concen: 0.418 ug/l
RT: 4.71 min Scan# 584
Delta R.T. 0.01 min
Lab File: VX005024.D
Acq: 04 Oct 2018 17:48

Tgt Ion:	43	Resp:	1218
Ion	Ratio	Lower	Upper
43	100		
72	24.8	20.8	31.2

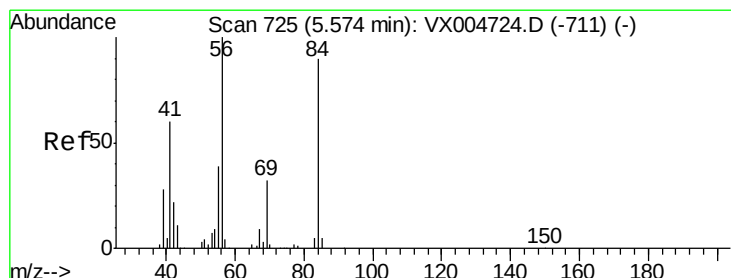
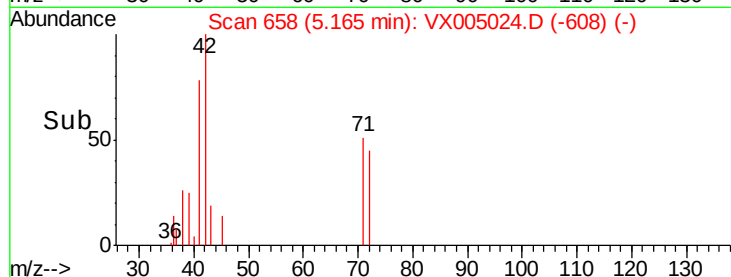
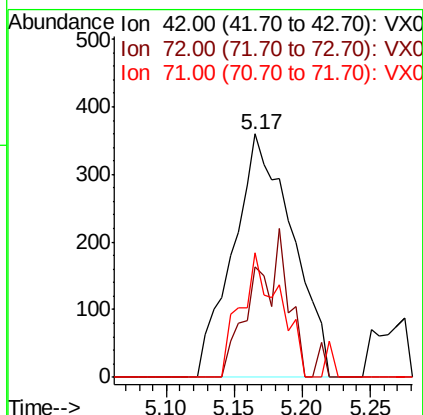
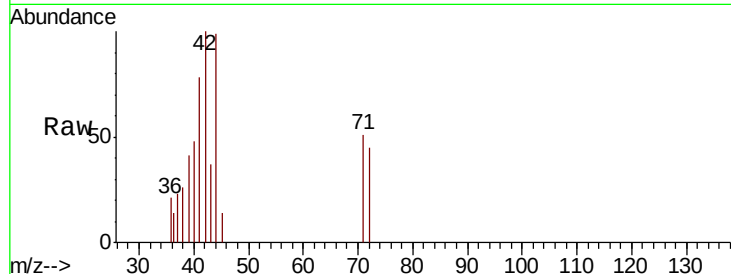




#29
Tetrahydrofuran
Concen: 0.604 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX005024.D
Acq: 04 Oct 2018 17:48

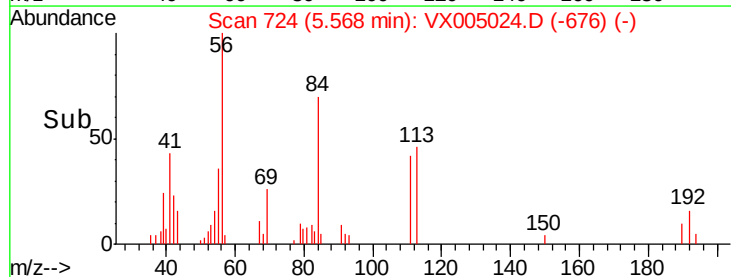
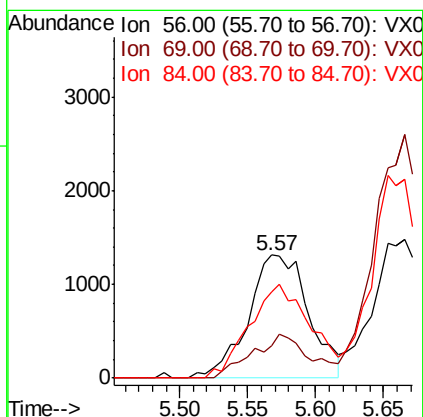
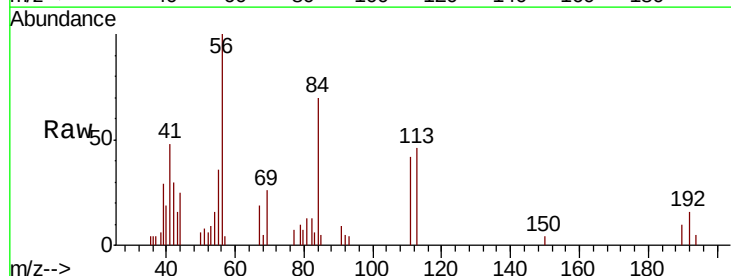
Instrument :
MSVOA_X
ClientSampled :

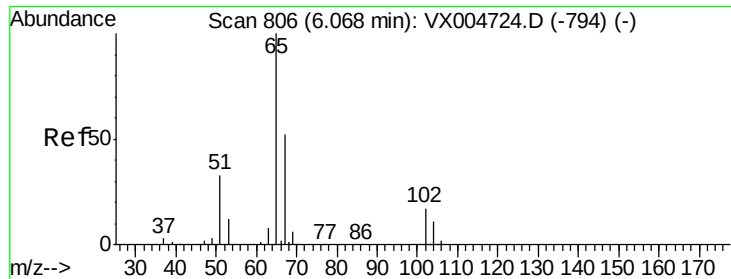
Tot Ion: 42 Resp: 1093
Ion Ratio Lower Upper
42 100
72 21.2 33.7 50.5#
71 33.9 32.2 48.4



#31
Cyclohexane
Concen: 0.944 ug/l
RT: 5.57 min Scan# 724
Delta R.T. -0.01 min
Lab File: VX005024.D
Acq: 04 Oct 2018 17:48

Tgt Ion: 56 Resp: 4068
Ion Ratio Lower Upper
56 100
69 26.2 25.9 38.9
84 70.0 71.9 107.9#





#33

1,2-Dichloroethane-d4

Concen: 50.597 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX005024.D

Acq: 04 Oct 2018 17:48

Instrument :

MSVOA_X

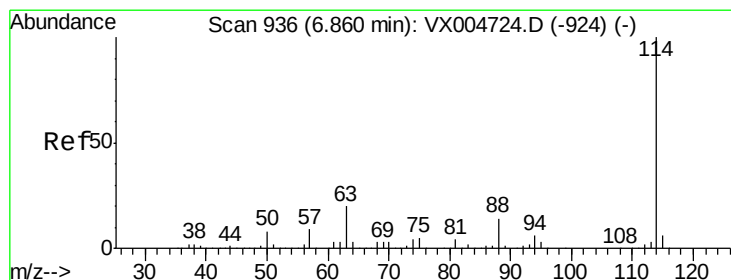
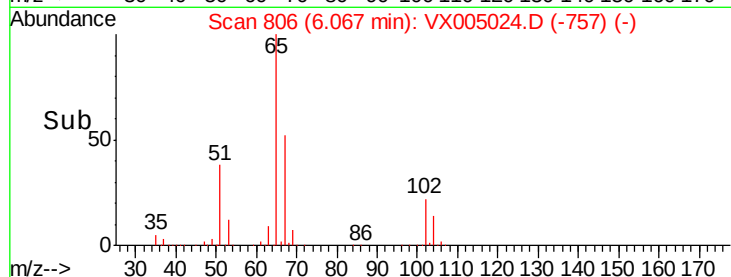
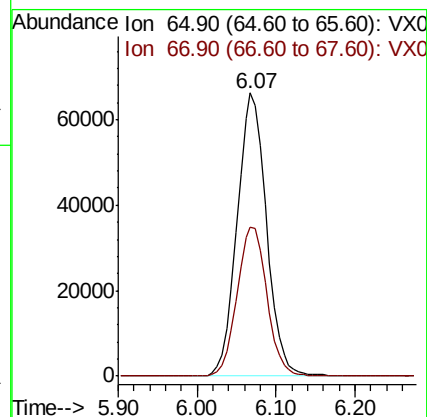
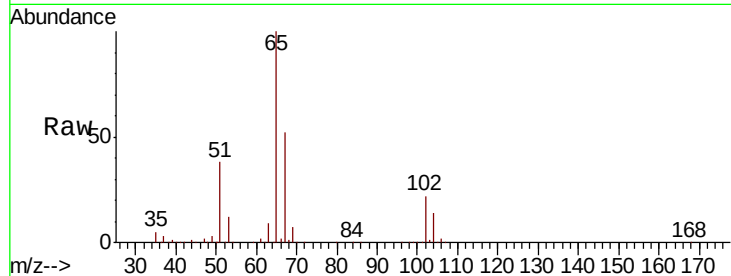
ClientSampleId :

Tot Ion: 65 Resp: 171295

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX005024.D

Acq: 04 Oct 2018 17:48

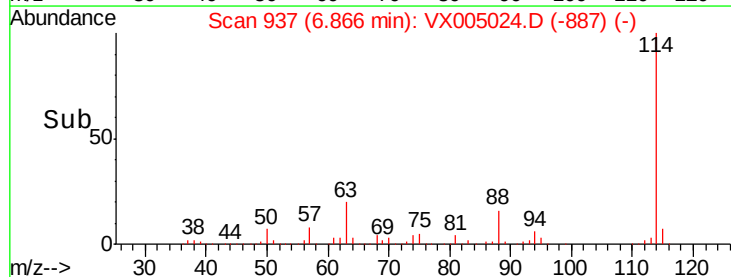
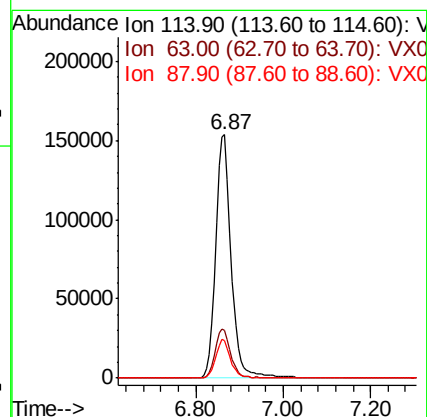
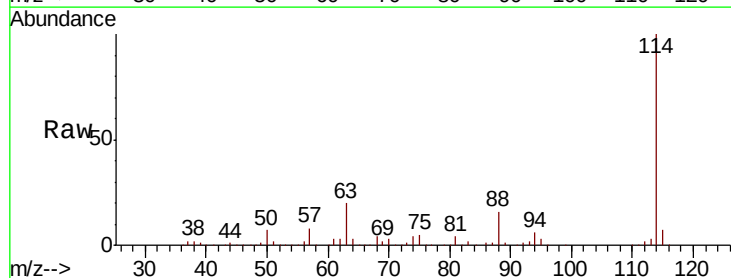
Tgt Ion: 114 Resp: 384098

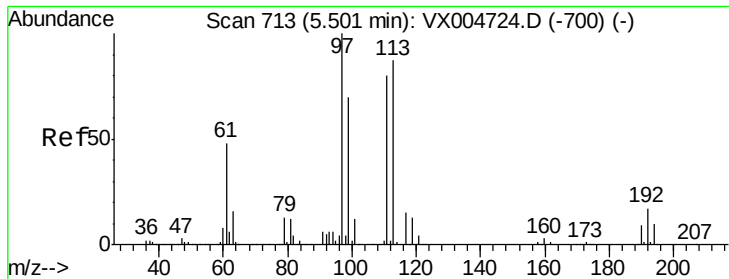
Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.8

88 15.5 0.0 27.0

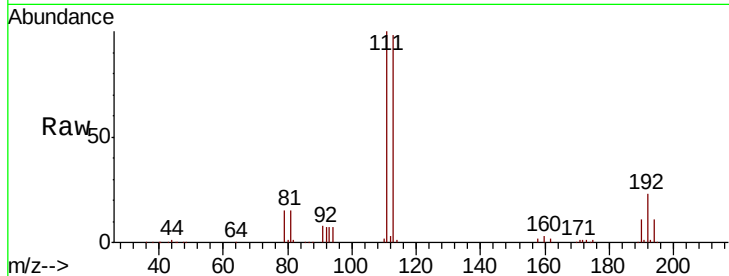




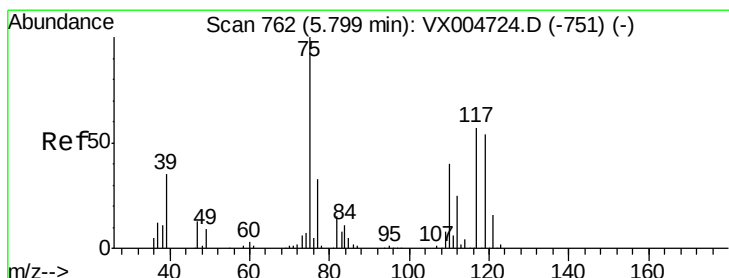
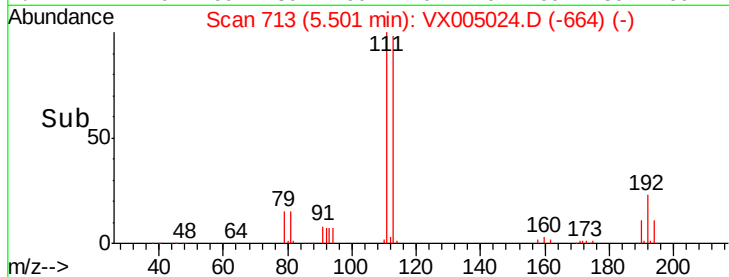
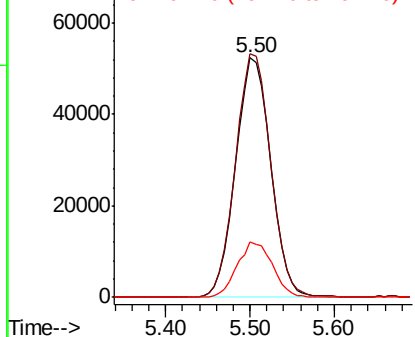
#35
 Dibromofluoromethane
 Concen: 45.478 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005024.D
 Acq: 04 Oct 2018 17:48

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:113 Resp: 148045
 Ion Ratio Lower Upper
 113 100
 111 102.0 77.0 115.4
 192 23.3 17.0 25.6

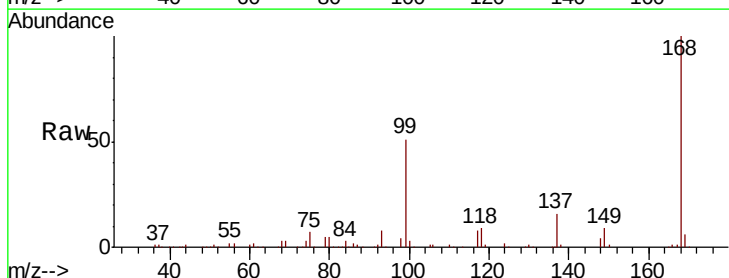


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

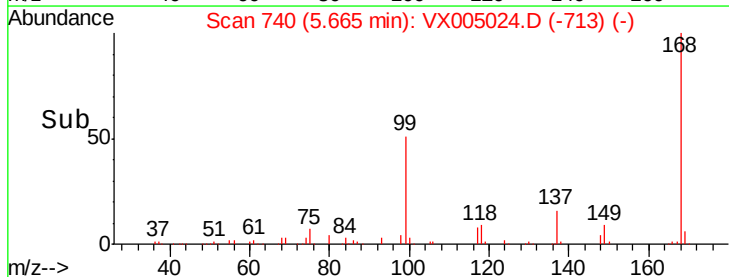
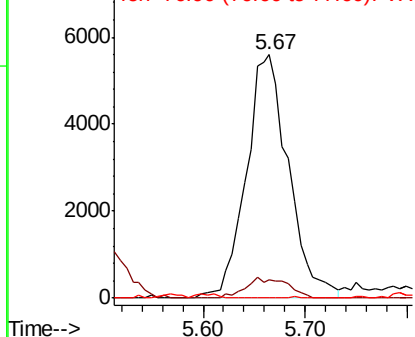


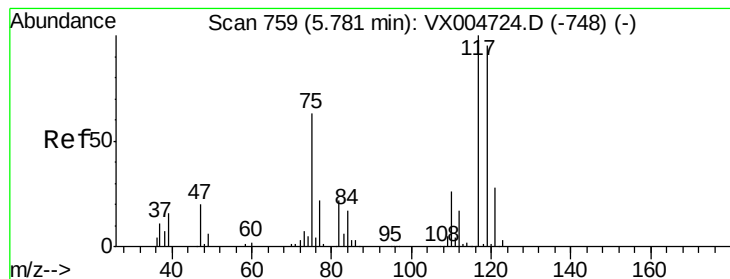
#36
 1,1-Dichloropropene
 Concen: 3.633 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX005024.D
 Acq: 04 Oct 2018 17:48

Tgt Ion: 75 Resp: 16137
 Ion Ratio Lower Upper
 75 100
 110 8.3 20.0 59.9#
 77 0.0 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





#38

Carbon Tetrachloride

Concen: 4.517 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX005024.D

Acq: 04 Oct 2018 17:48

Instrument :

MSVOA_X

ClientSampled :

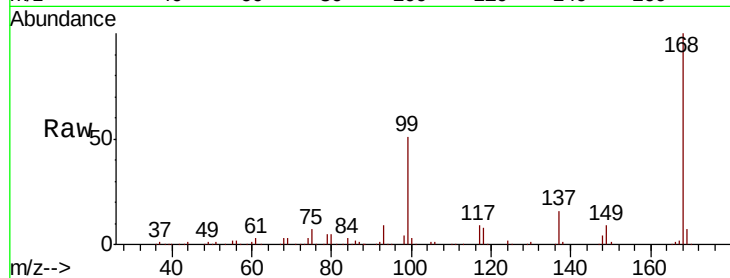
Tot Ion:117 Resp: 21087

Ion Ratio Lower Upper

117 100

119 5.0 75.2 112.8#

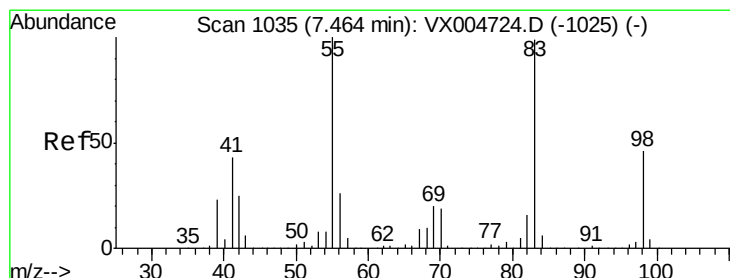
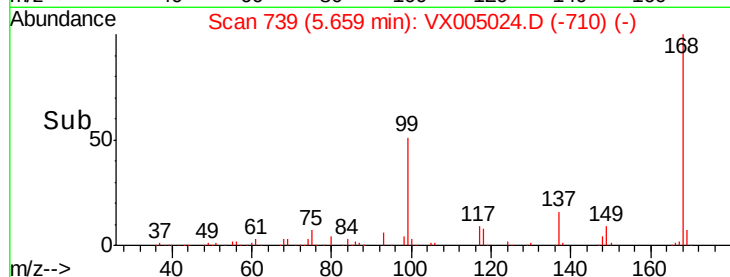
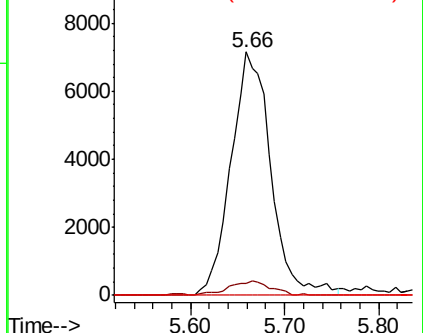
121 0.0 22.5 33.7#



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

Methylcyclohexane

Concen: 1.231 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX005024.D

Acq: 04 Oct 2018 17:48

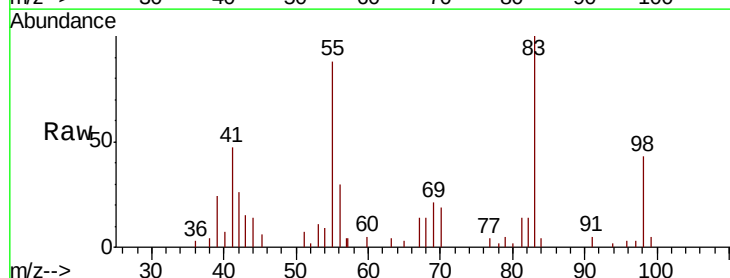
Tgt Ion: 83 Resp: 5584

Ion Ratio Lower Upper

83 100

55 88.2 81.1 121.7

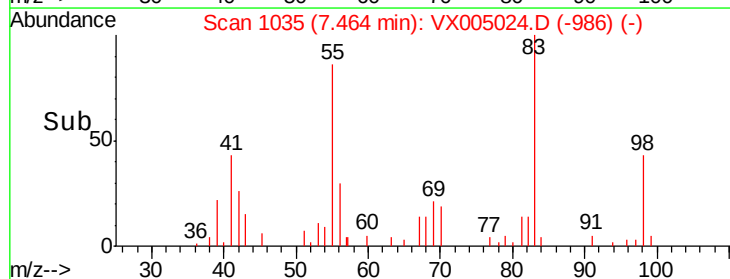
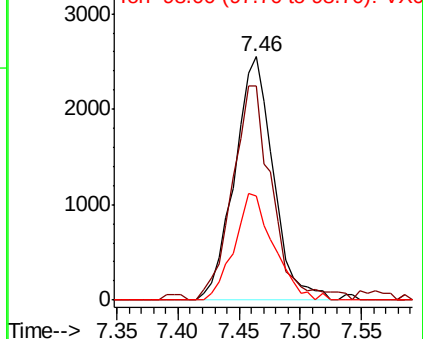
98 43.0 37.3 55.9

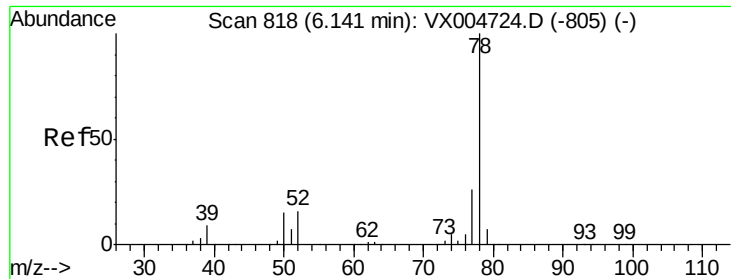


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 6.731 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX005024.D

Acq: 04 Oct 2018 17:48

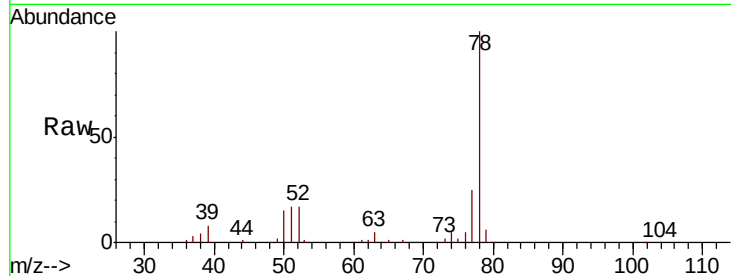
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 78 Resp: 93592

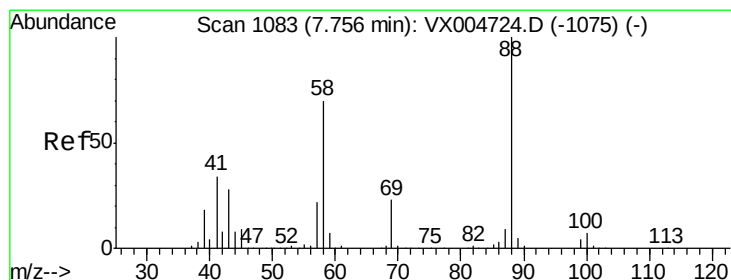
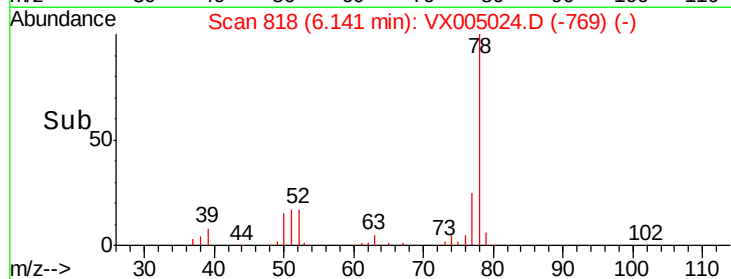
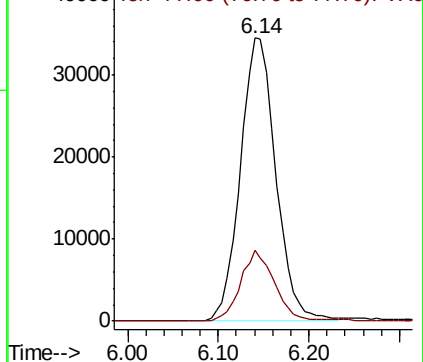
Ion Ratio Lower Upper

78 100

77 25.0 21.0 31.4



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



#49

1,4-Dioxane

Concen: 0.219 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.02 min

Lab File: VX005024.D

Acq: 04 Oct 2018 17:48

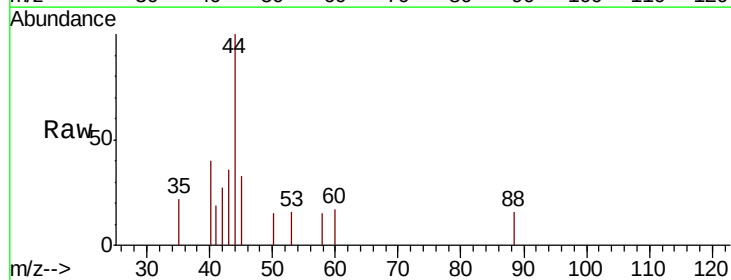
Tgt Ion: 88 Resp: 21

Ion Ratio Lower Upper

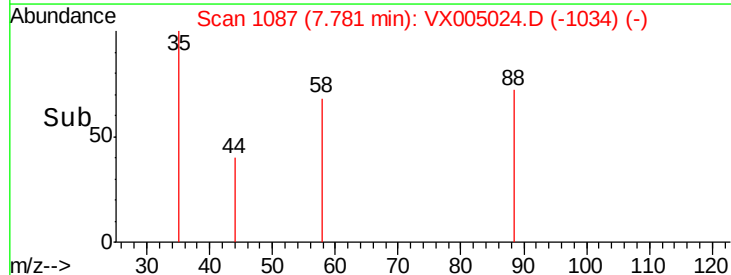
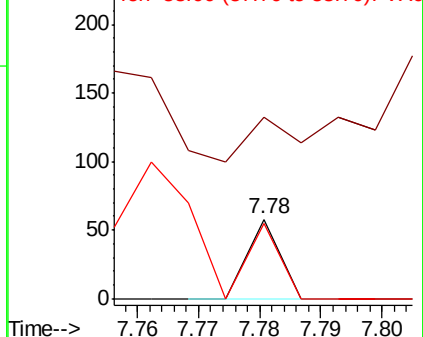
88 100

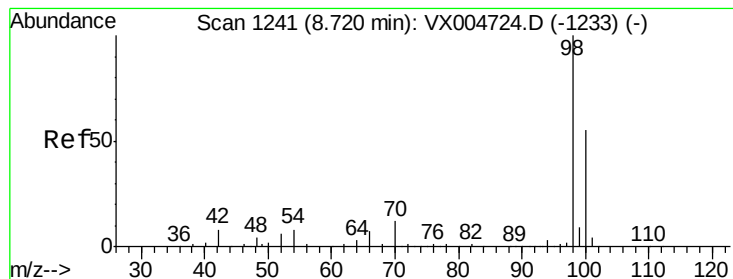
43 0.0 25.1 37.7#

58 571.4 56.2 84.2#



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





#50

Toluene-d8

Concen: 50.732 ug/l

RT: 8.72 min Scan# 1241

Delta R.T. -0.00 min

Lab File: VX005024.D

Acq: 04 Oct 2018 17:48

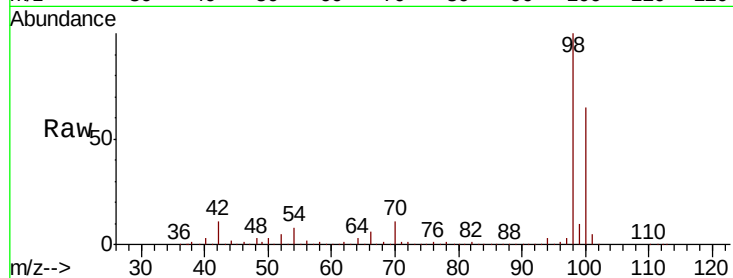
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 98 Resp: 549030

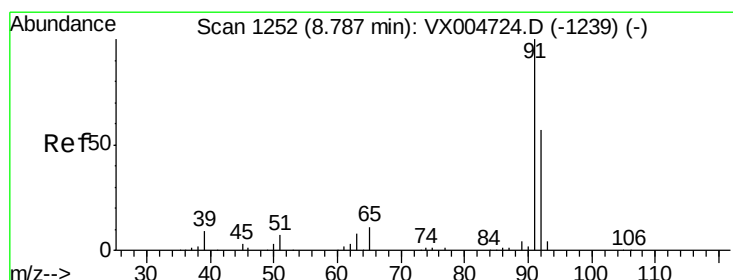
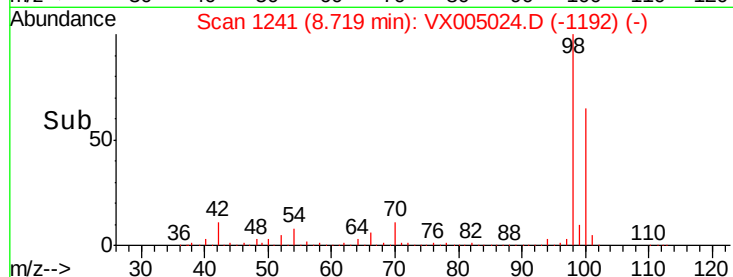
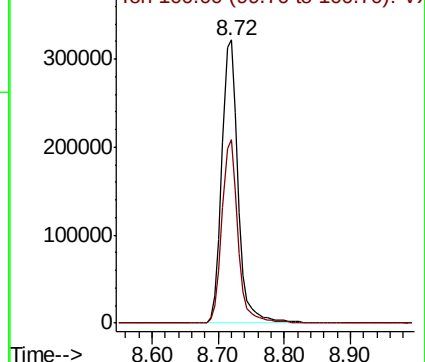
Ion Ratio Lower Upper

98 100

100 63.7 51.9 77.9



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



#52

Toluene

Concen: 1.931 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005024.D

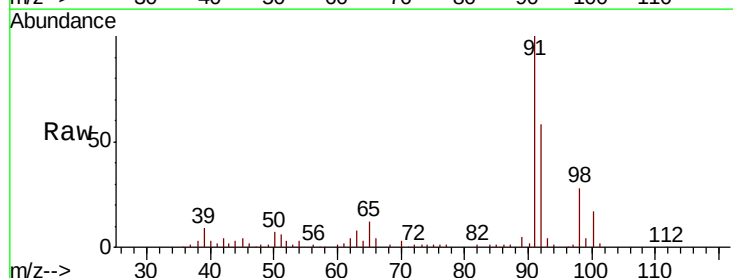
Acq: 04 Oct 2018 17:48

Tgt Ion: 92 Resp: 14750

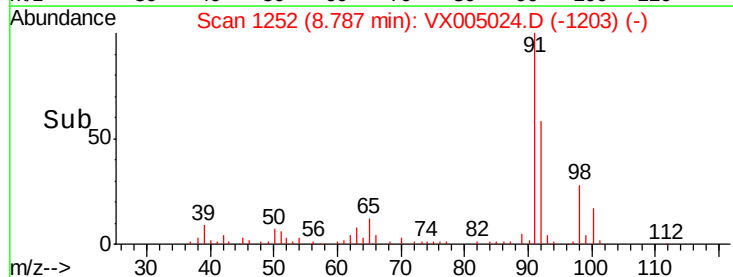
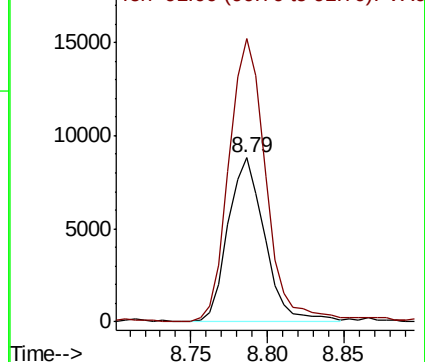
Ion Ratio Lower Upper

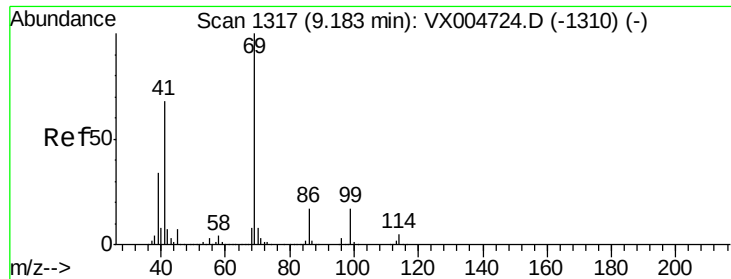
92 100

91 173.5 136.7 205.1



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0





#56

Ethyl methacrylate

Concen: 2.883 ug/l

RT: 9.21 min Scan# 1321

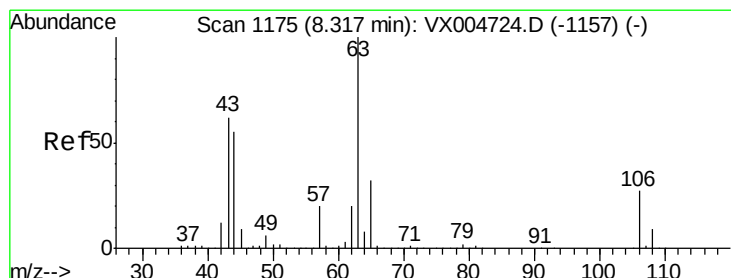
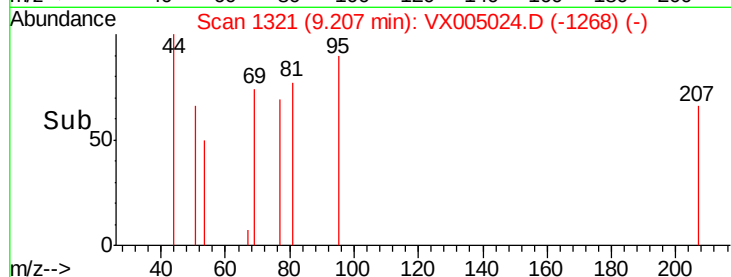
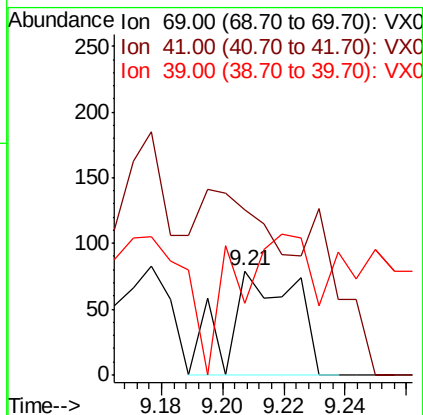
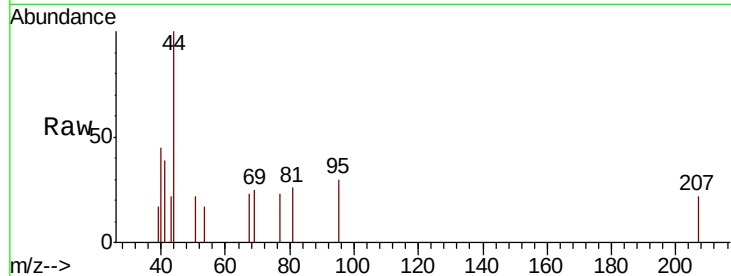
Delta R.T. 0.02 min

Lab File: VX005024.D

Acq: 04 Oct 2018 17:48

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	69	Resp:	120
Ion	Ratio	Lower	Upper
69	100		
41	287.5	56.9	85.3#
39	0.0	28.4	42.6#



#58

2-Chloroethyl Vinyl ether

Concen: 14.272 ug/l

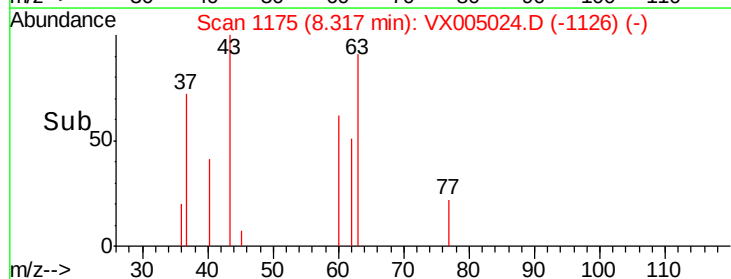
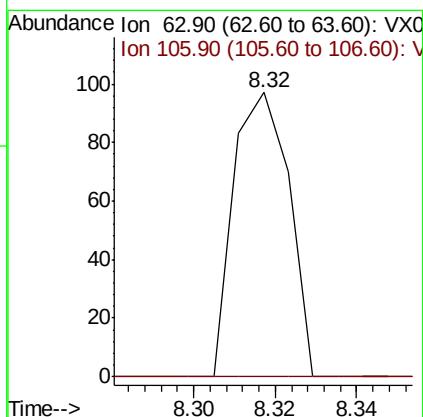
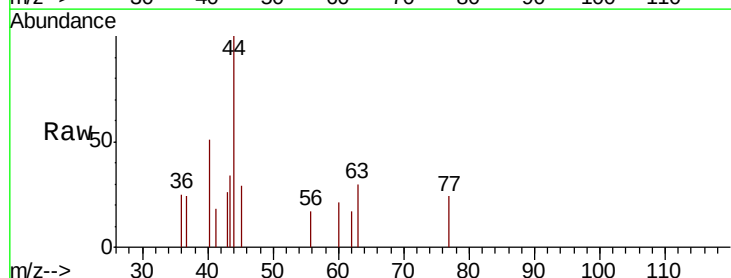
RT: 8.32 min Scan# 1175

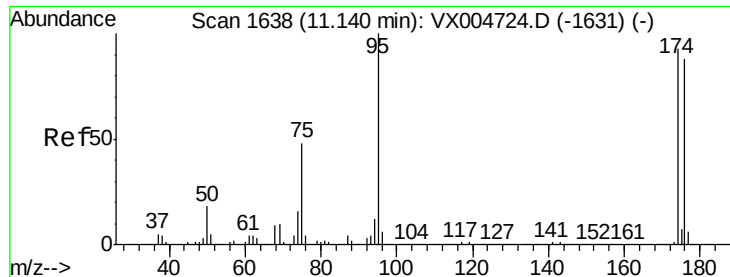
Delta R.T. -0.00 min

Lab File: VX005024.D

Acq: 04 Oct 2018 17:48

Tgt Ion:	63	Resp:	91
Ion	Ratio	Lower	Upper
63	100		
106	0.0	21.0	31.6#





#62

4-Bromofluorobenzene

Concen: 54.688 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005024.D

Acq: 04 Oct 2018 17:48

Instrument :

MSVOA_X

ClientSampleId :

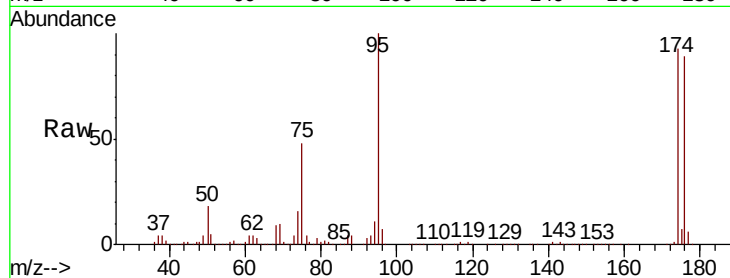
Tot Ion: 95 Resp: 213215

Ion Ratio Lower Upper

95 100

174 92.4 0.0 185.0

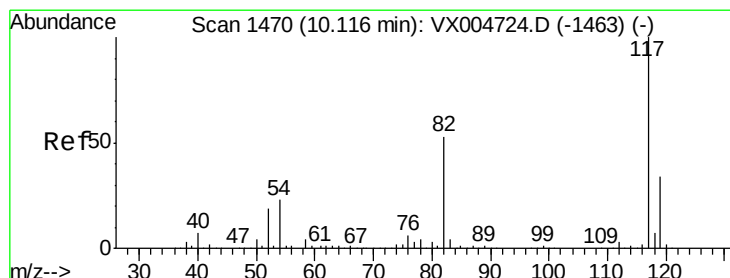
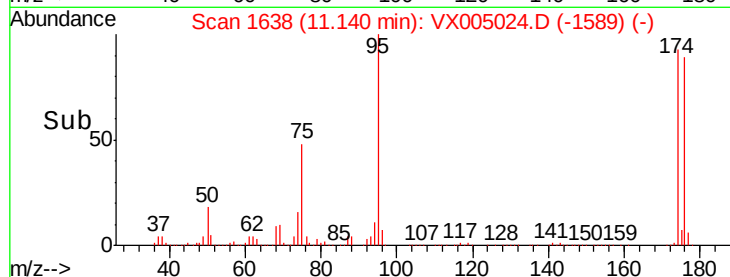
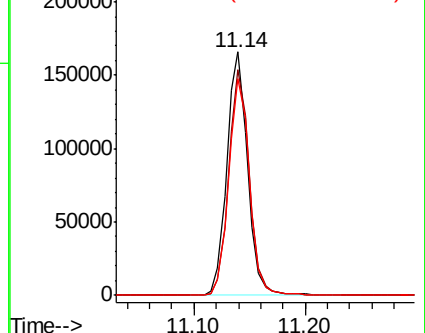
176 89.4 0.0 180.2



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: VX005024.D

Acq: 04 Oct 2018 17:48

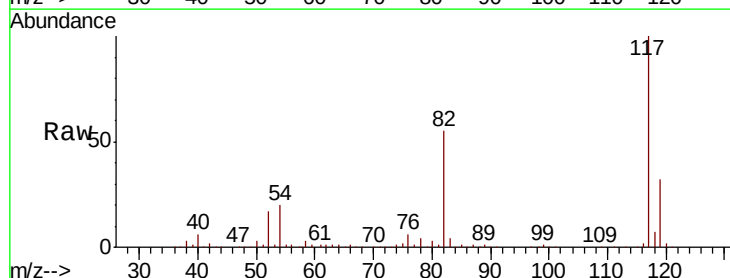
Tgt Ion: 117 Resp: 373244

Ion Ratio Lower Upper

117 100

82 54.7 42.2 63.4

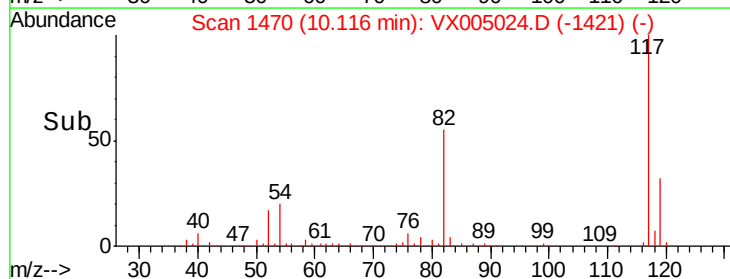
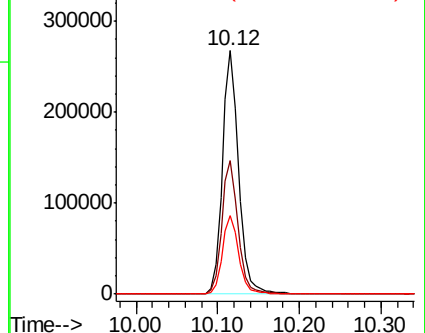
119 32.4 27.4 41.0

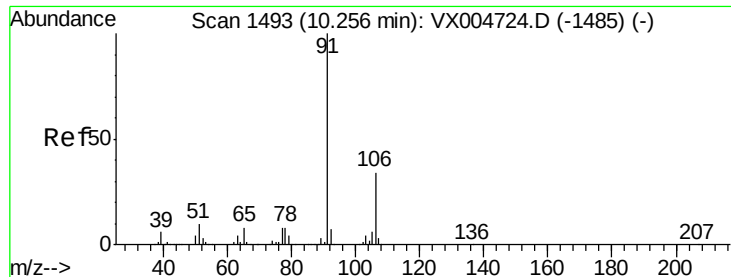


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V

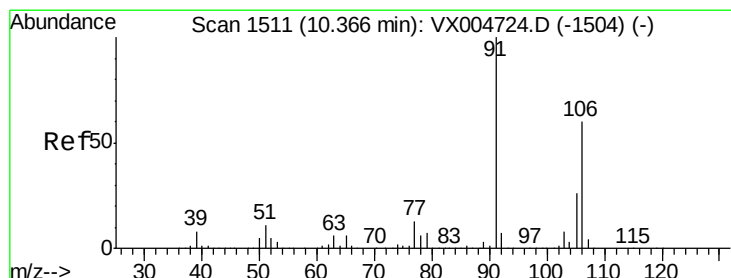
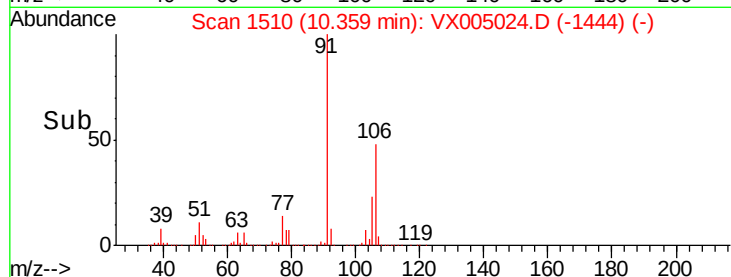
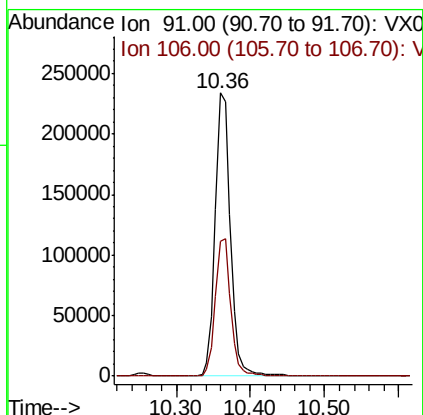
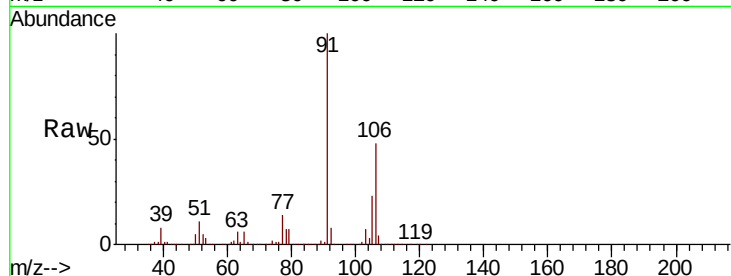




#67
Ethyl Benzene
Concen: 21.653 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.10 min
Lab File: VX005024.D
Acq: 04 Oct 2018 17:48

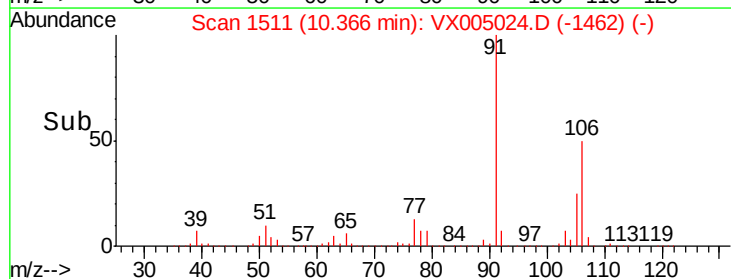
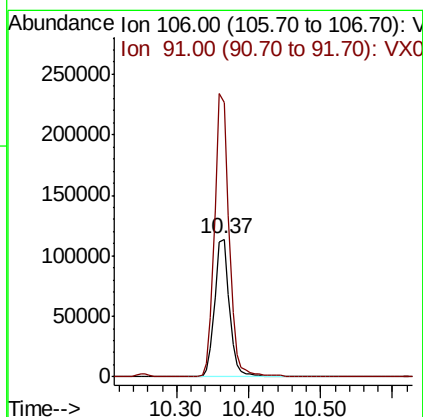
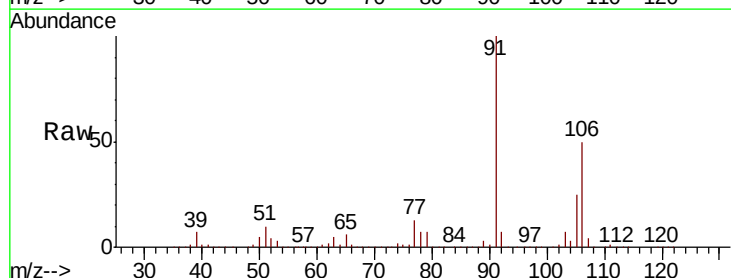
Instrument :
MSVOA_X
ClientSampleId :

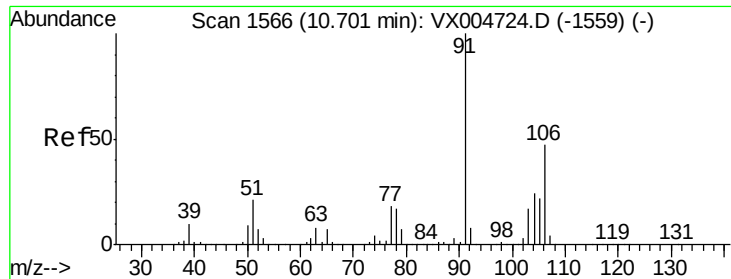
Tot Ion: 91 Resp: 329021
Ion Ratio Lower Upper
91 100
106 47.5 26.9 40.3#



#68
m/p-Xylenes
Concen: 27.163 ug/l
RT: 10.37 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX005024.D
Acq: 04 Oct 2018 17:48

Tgt Ion: 106 Resp: 161291
Ion Ratio Lower Upper
106 100
91 204.0 157.5 236.3

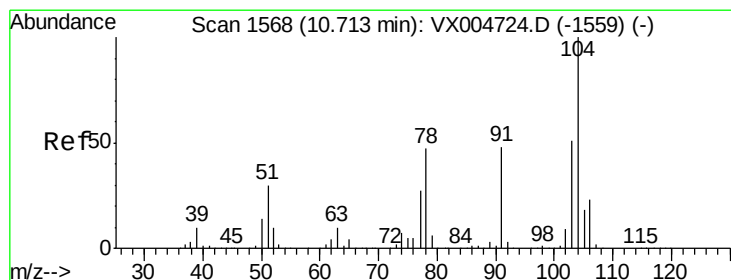
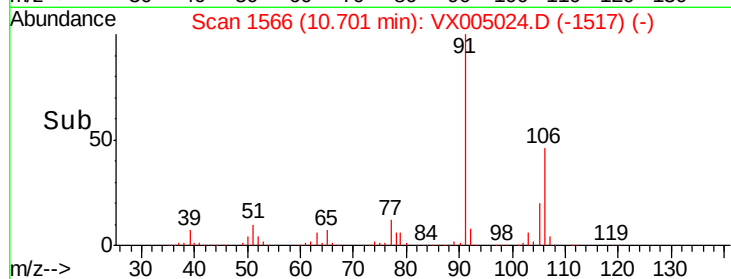
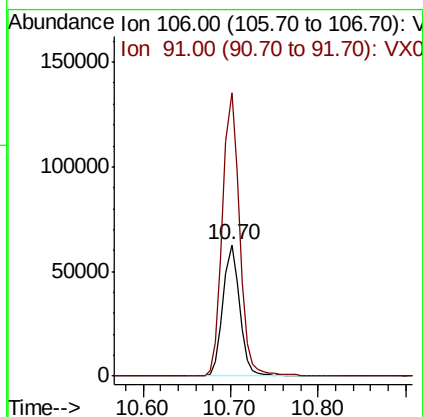
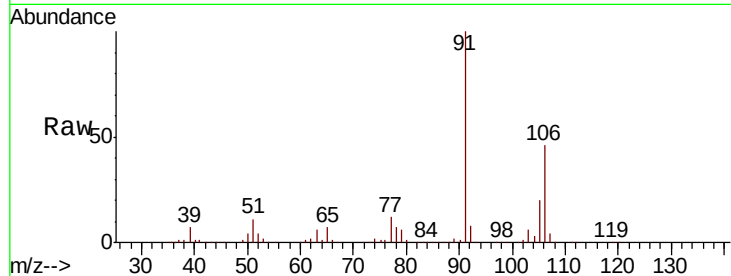




#69
o-Xylene
Concen: 15.361 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005024.D
Acq: 04 Oct 2018 17:48

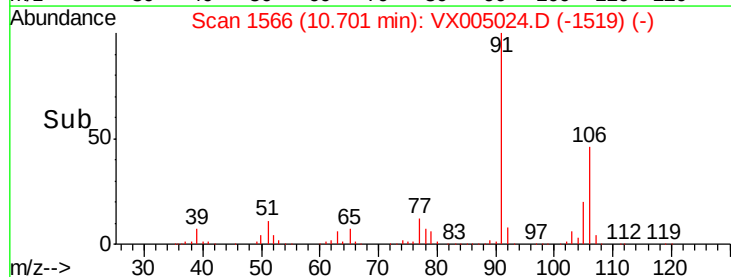
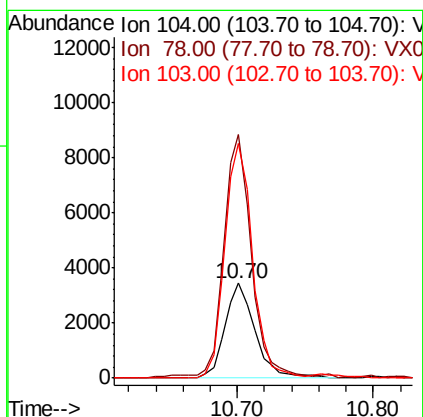
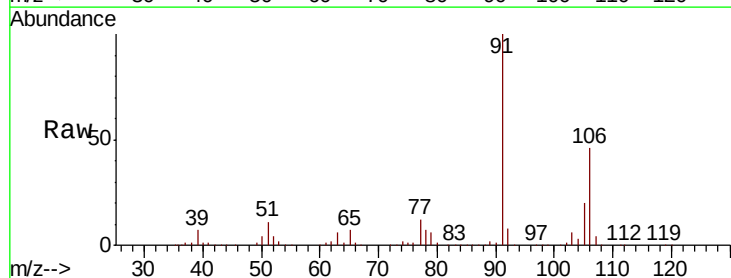
Instrument :
MSVOA_X
ClientSampleId :

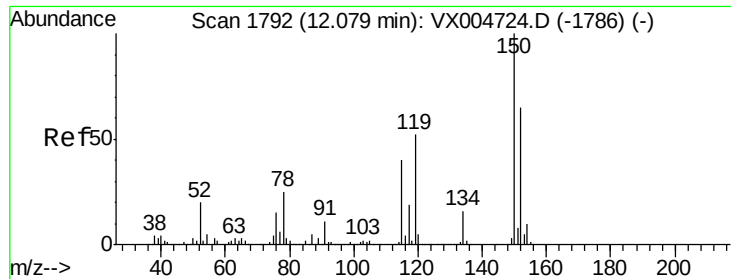
Tot Ion:106 Resp: 83777
Ion Ratio Lower Upper
106 100
91 218.0 108.3 324.8



#70
Styrene
Concen: 2.635 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.01 min
Lab File: VX005024.D
Acq: 04 Oct 2018 17:48

Tgt Ion:104 Resp: 5268
Ion Ratio Lower Upper
104 100
78 237.8 40.0 60.0#
103 228.7 44.3 66.5#



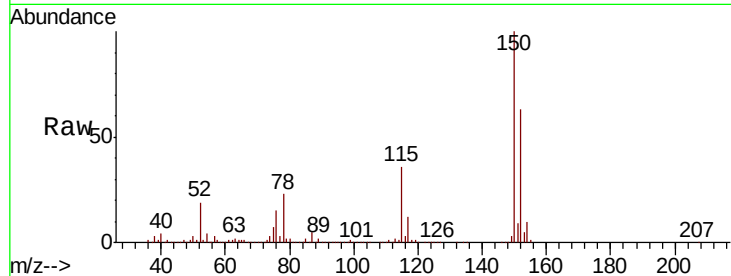


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX005024.D
Acq: 04 Oct 2018 17:48

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.7	40.2	120.6
150	155.8	0.0	351.0

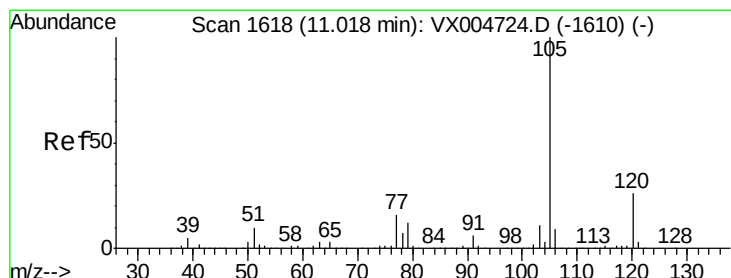
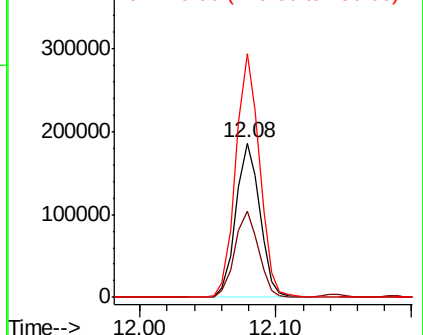
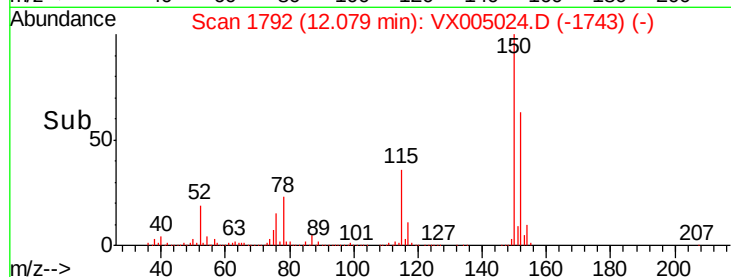


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

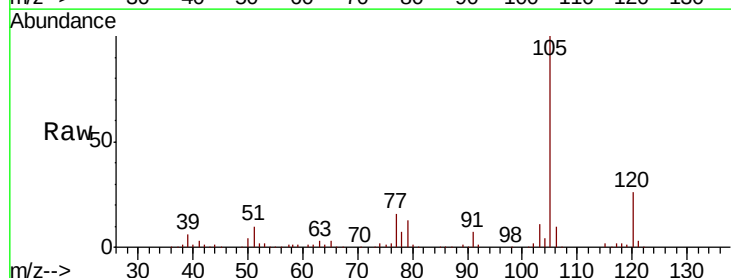
Ion 149.90 (149.60 to 150.60): V



#73

Isopropylbenzene
Concen: 4.167 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005024.D
Acq: 04 Oct 2018 17:48

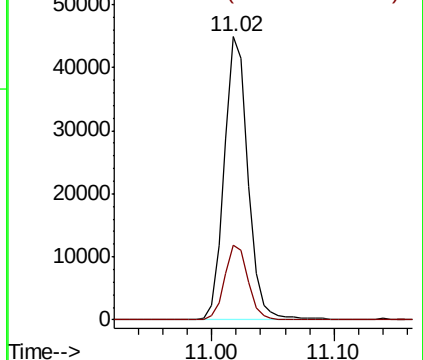
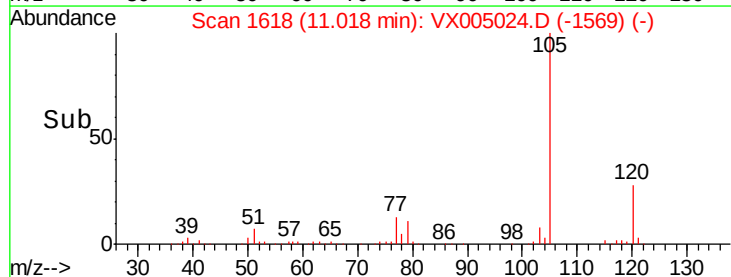
Tgt Ion	Ratio	Lower	Upper
105	100		
120	26.3	13.2	39.5

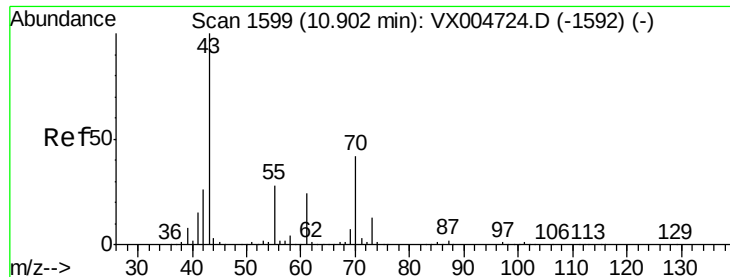


Abundance

Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 1.803 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005024.D

Acq: 04 Oct 2018 17:48

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 43 Resp: 452

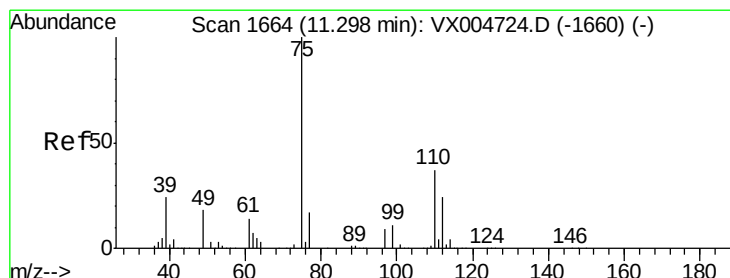
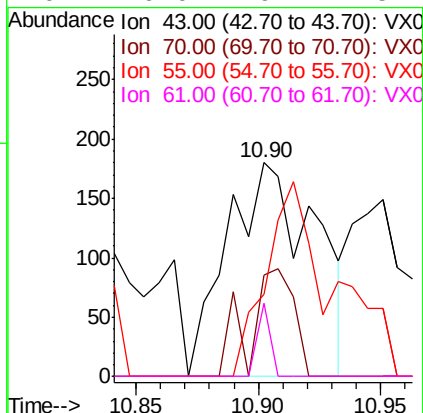
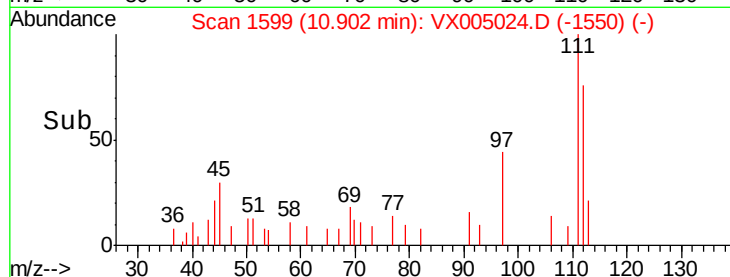
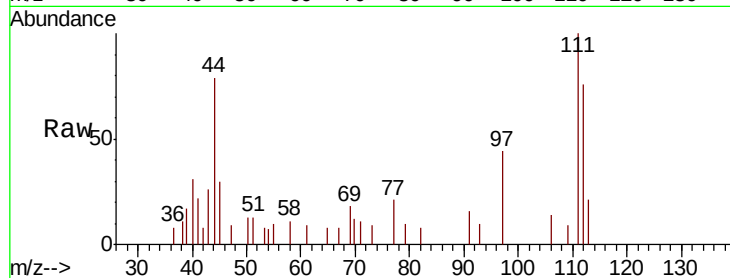
Ion Ratio Lower Upper

43 100

70 25.4 32.6 48.8#

55 69.0 21.6 32.4#

61 0.0 19.1 28.7#



#76

1,2,3-Trichloropropane

Concen: 20.442 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX005024.D

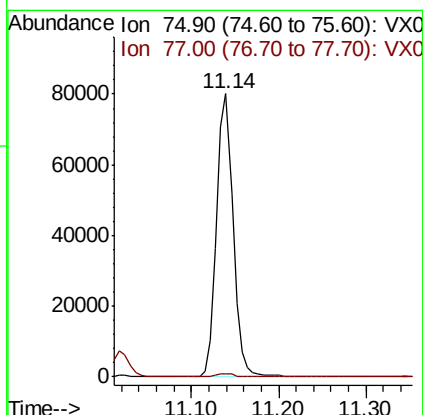
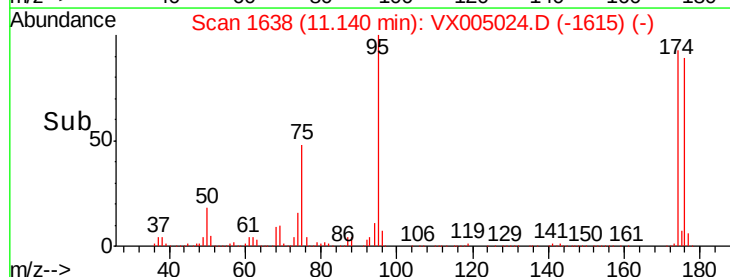
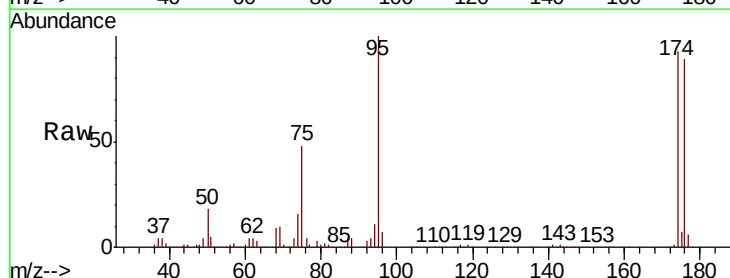
Acq: 04 Oct 2018 17:48

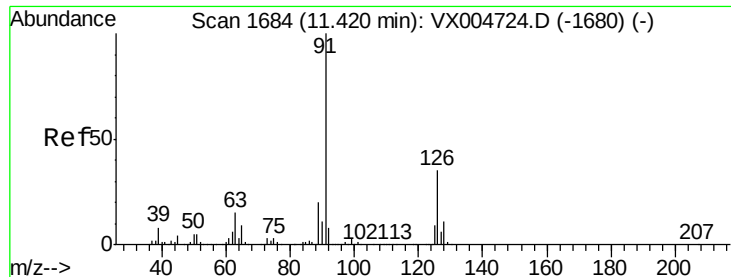
Tgt Ion: 75 Resp: 104983

Ion Ratio Lower Upper

75 100

77 1.5 21.4 64.3#





#79

2-Chlorotoluene

Concen: 0.671 ug/l

RT: 11.67 min Scan# 1725

Delta R.T. 0.25 min

Lab File: VX005024.D

Acq: 04 Oct 2018 17:48

Instrument :

MSVOA_X

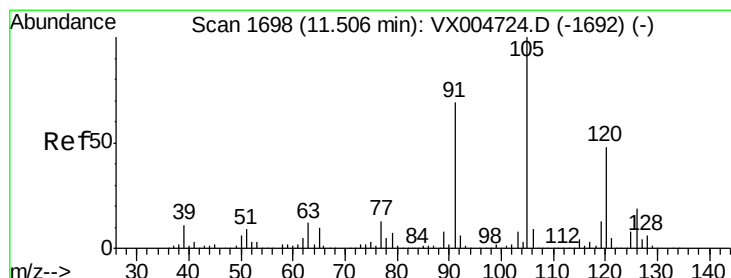
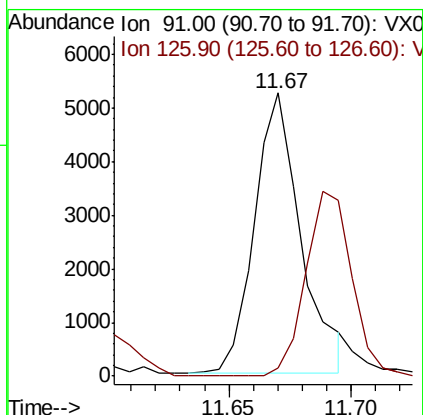
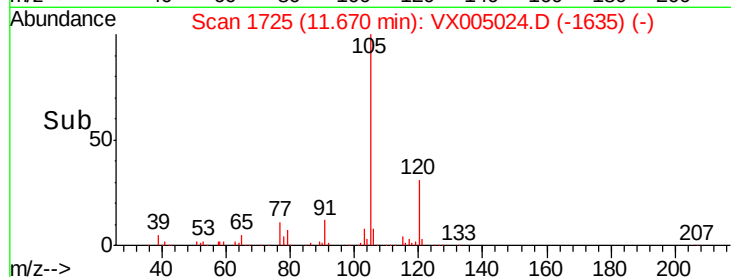
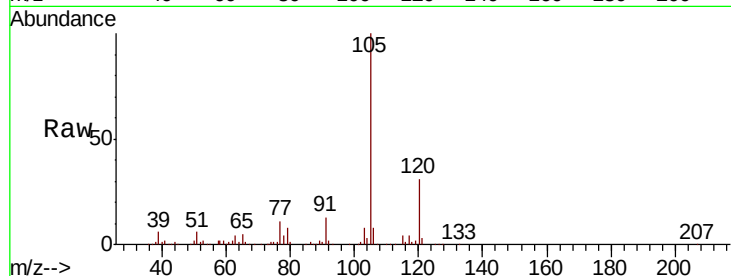
ClientSampleId :

Tot Ion: 91 Resp: 6928

Ion Ratio Lower Upper

91 100

126 51.3 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 9.612 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005024.D

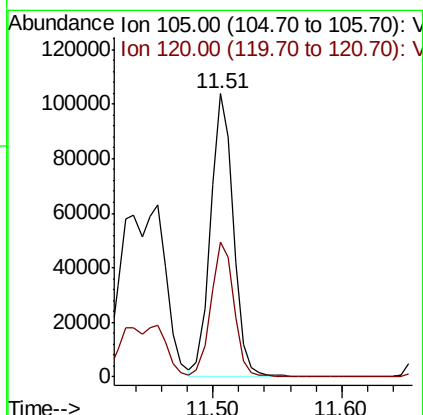
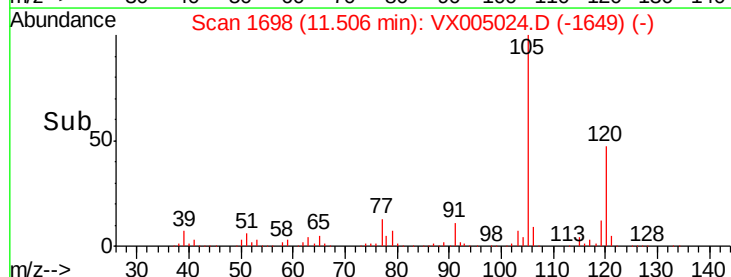
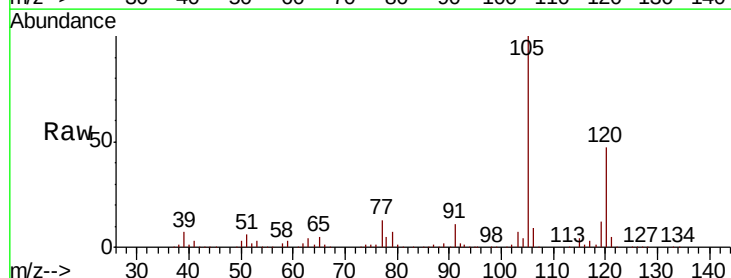
Acq: 04 Oct 2018 17:48

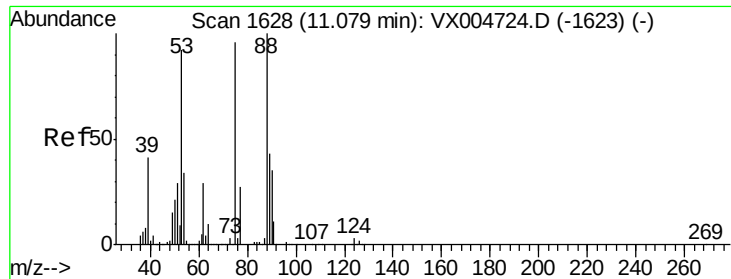
Tgt Ion: 105 Resp: 129350

Ion Ratio Lower Upper

105 100

120 48.2 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 55.525 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX005024.D

Acq: 04 Oct 2018 17:48

Instrument :

MSVOA_X

ClientSampled :

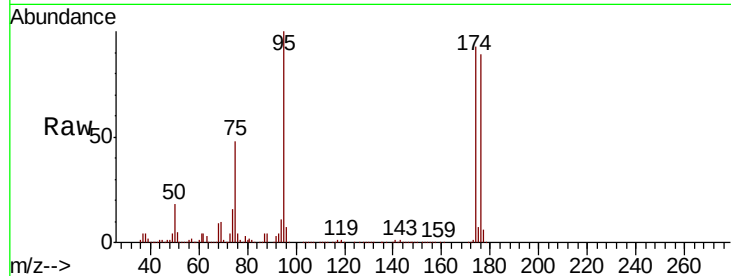
Tot Ion: 75 Resp: 104983

Ion Ratio Lower Upper

75 100

53 0.1 80.2 120.4#

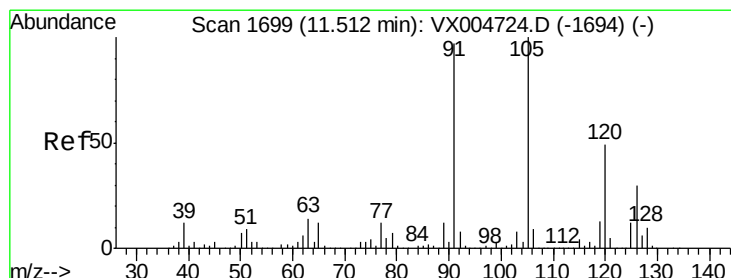
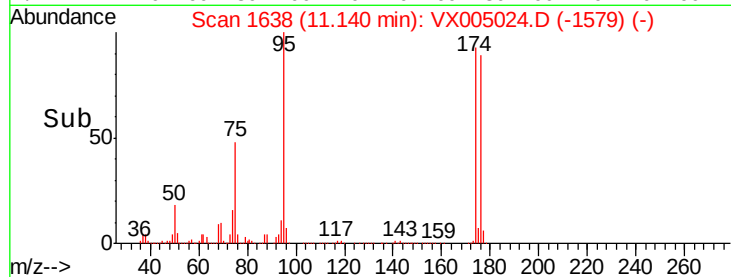
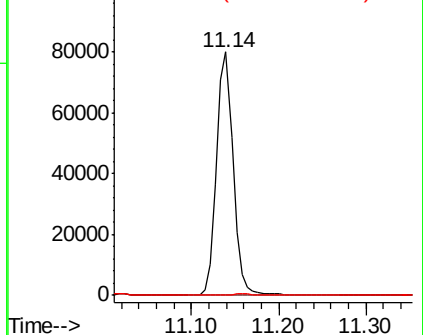
89 0.7 37.1 55.7#



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: 1.202 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX005024.D

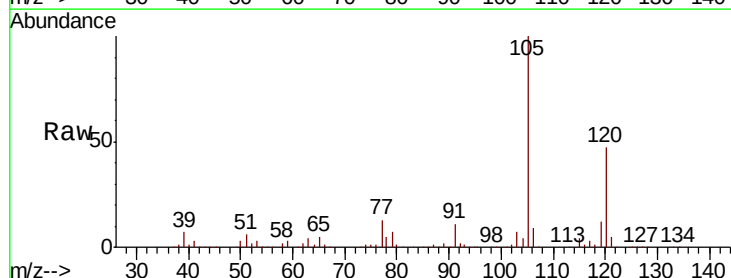
Acq: 04 Oct 2018 17:48

Tgt Ion: 91 Resp: 14612

Ion Ratio Lower Upper

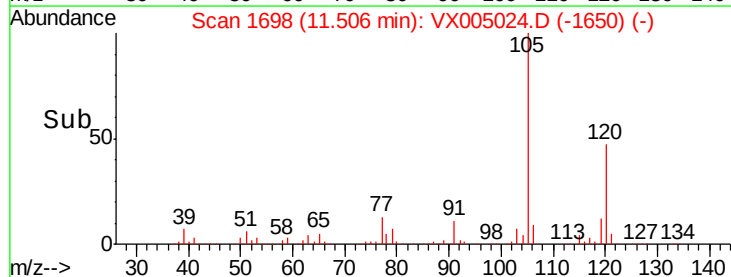
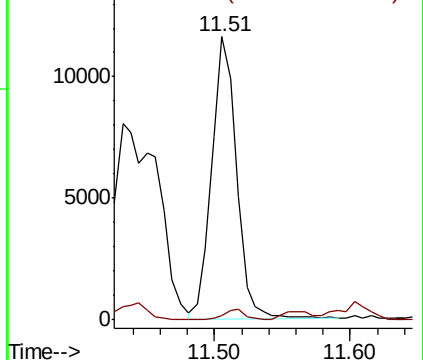
91 100

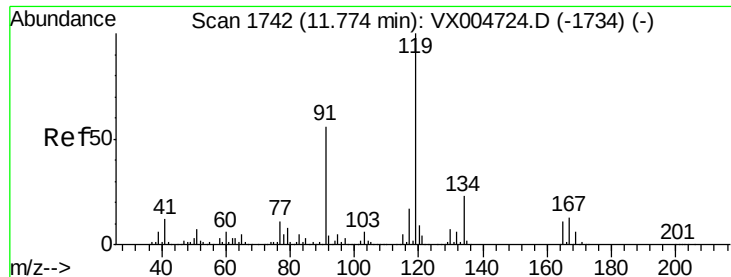
126 3.1 15.5 46.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

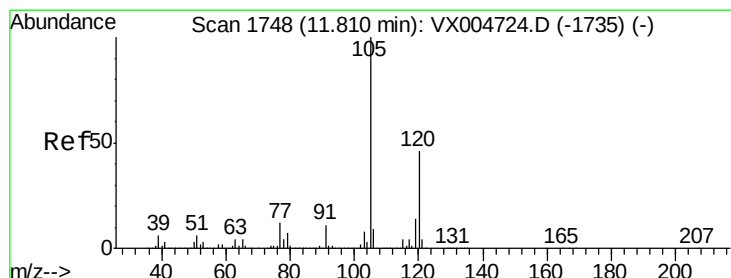
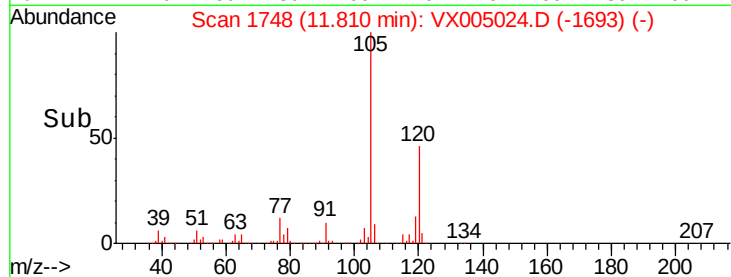
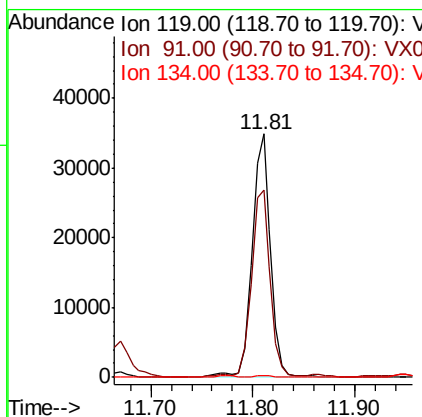
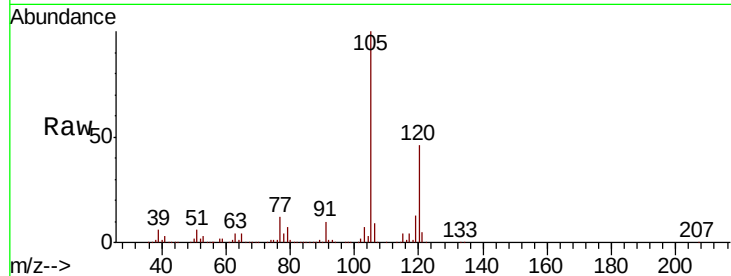




#83
 tert-Butylbenzene
 Concen: 3.698 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.04 min
 Lab File: VX005024.D
 Acq: 04 Oct 2018 17:48

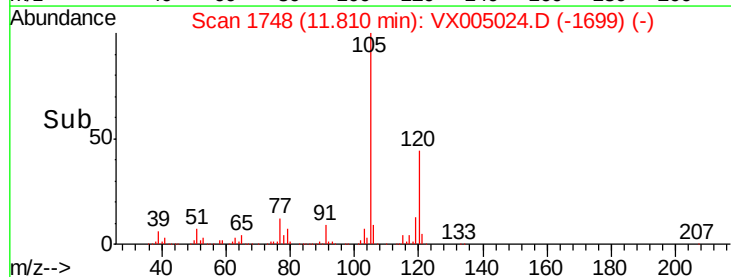
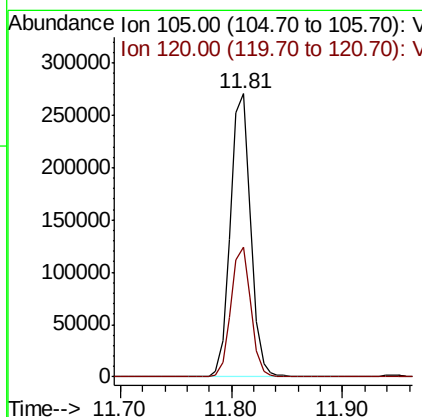
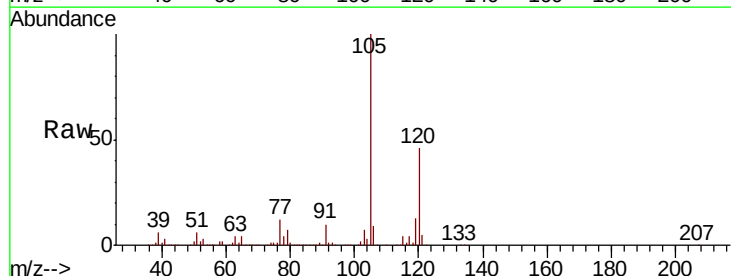
Instrument :
 MSVOA_X
 ClientSampleId :

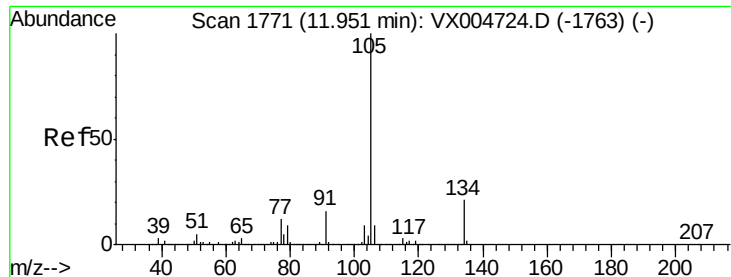
Tot Ion:119 Resp: 43970
 Ion Ratio Lower Upper
 119 100
 91 79.7 27.5 82.5
 134 0.9 11.5 34.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 24.825 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005024.D
 Acq: 04 Oct 2018 17:48

Tgt Ion:105 Resp: 340239
 Ion Ratio Lower Upper
 105 100
 120 45.3 22.8 68.3





#85

sec-Butylbenzene

Concen: 23.492 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. -0.14 min

Lab File: VX005024.D

Acq: 04 Oct 2018 17:48

Instrument :

MSVOA_X

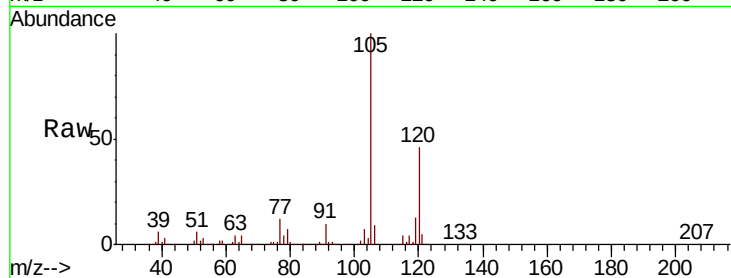
ClientSampleId :

Tot Ion:105 Resp: 340239

Ion Ratio Lower Upper

105 100

134 0.1 10.2 30.4#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.81

250000

200000

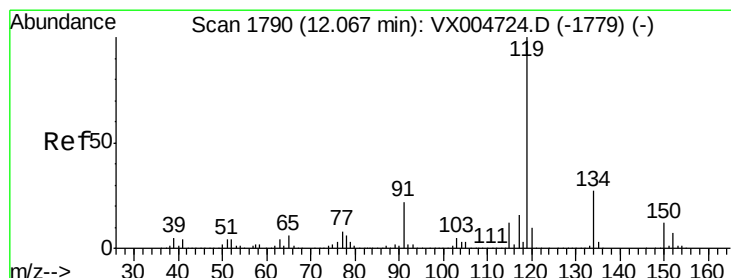
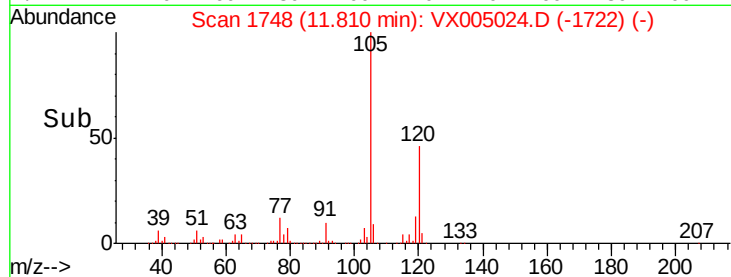
150000

100000

50000

0

Time--> 11.70 11.80 11.90



#86

p-Isopropyltoluene

Concen: 0.640 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005024.D

Acq: 04 Oct 2018 17:48

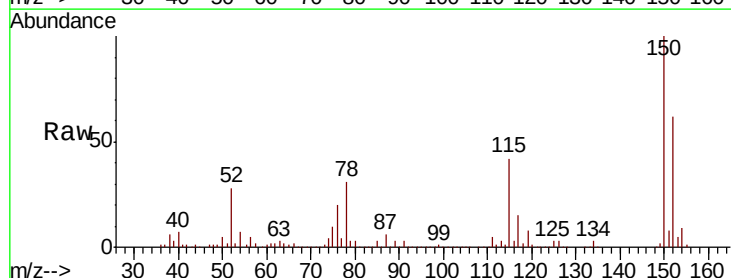
Tgt Ion:119 Resp: 8392

Ion Ratio Lower Upper

119 100

134 31.0 13.4 40.1

91 0.0 11.5 34.4#



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

25000

20000

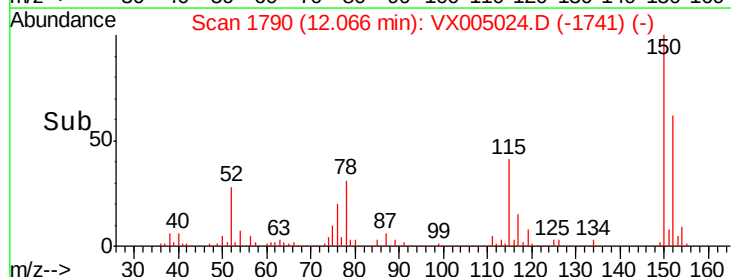
15000

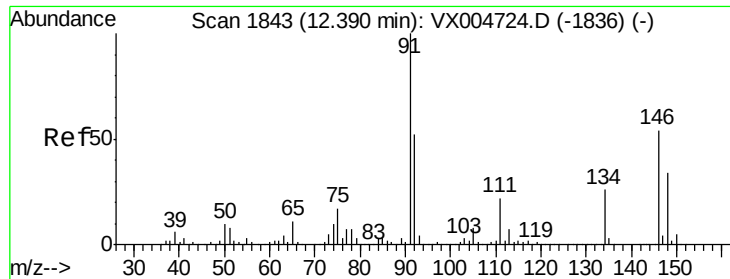
10000

5000

0

Time--> 12.05 12.10





#89

n-Butylbenzene

Concen: 20.429 ug/l

RT: 12.30 min Scan# 1828

Delta R.T. -0.09 min

Lab File: VX005024.D

Acq: 04 Oct 2018 17:48

Instrument :

MSVOA_X

ClientSampled :

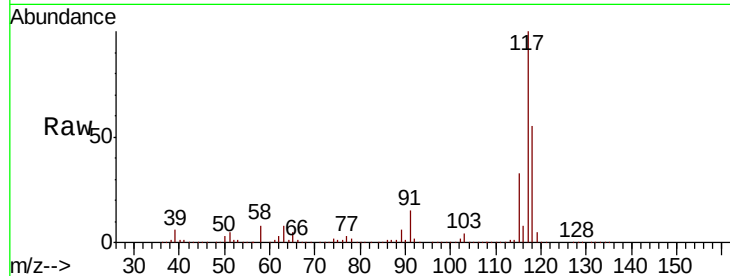
Tot Ion: 91 Resp: 243462

Ion Ratio Lower Upper

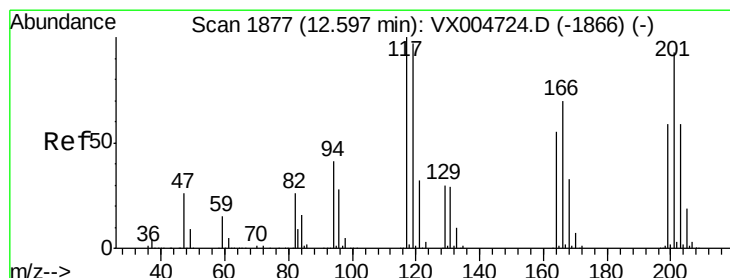
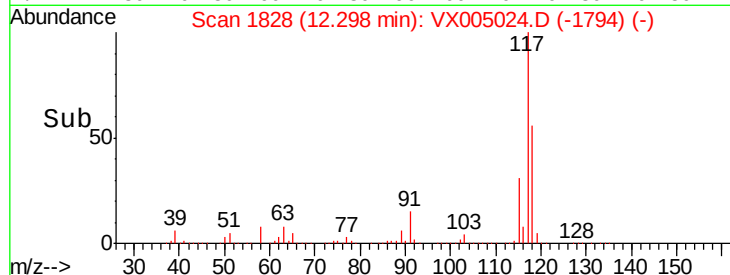
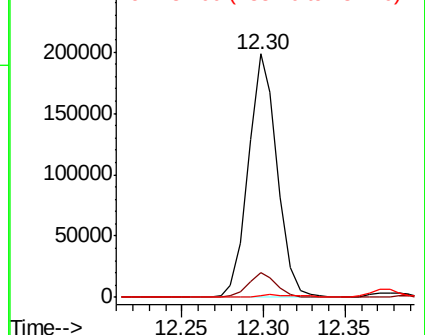
91 100

92 10.0 26.0 78.0#

134 1.6 13.2 39.6#



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 92.00 (91.70 to 92.70): VX0
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 26.409 ug/l

RT: 12.76 min Scan# 1903

Delta R.T. 0.16 min

Lab File: VX005024.D

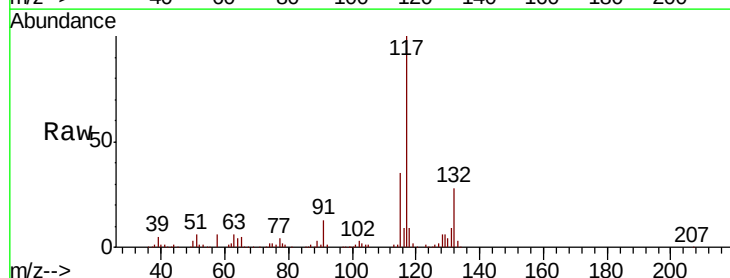
Acq: 04 Oct 2018 17:48

Tgt Ion: 117 Resp: 57698

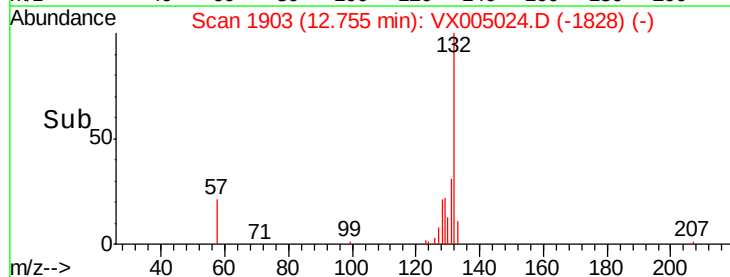
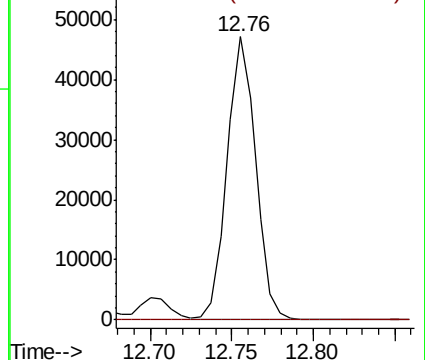
Ion Ratio Lower Upper

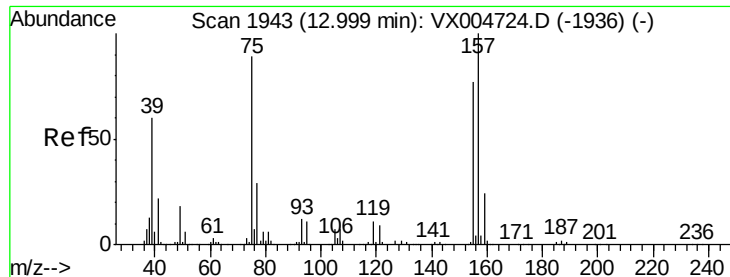
117 100

201 0.0 48.4 145.0#



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 10.605 ug/l

RT: 13.02 min Scan# 1947

Delta R.T. 0.02 min

Lab File: VX005024.D

Acq: 04 Oct 2018 17:48

Instrument :

MSVOA_X

ClientSampleId :

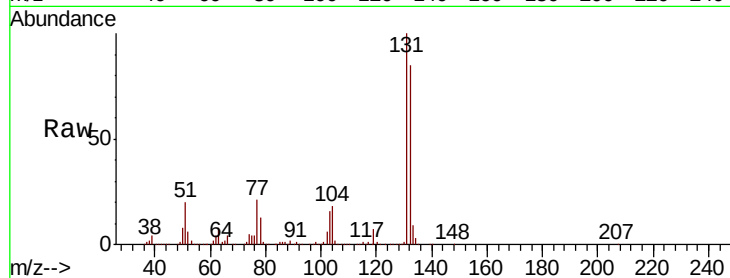
Tot Ion: 75 Resp: 13690

Ion Ratio Lower Upper

75 100

155 0.0 46.1 138.3#

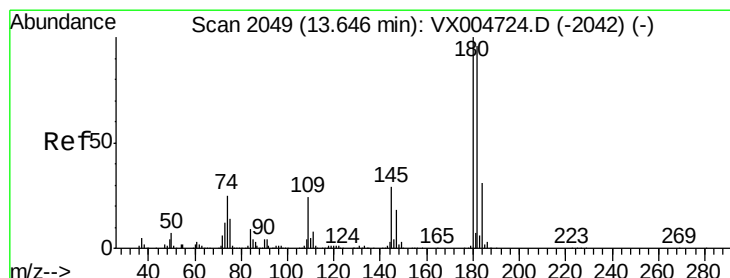
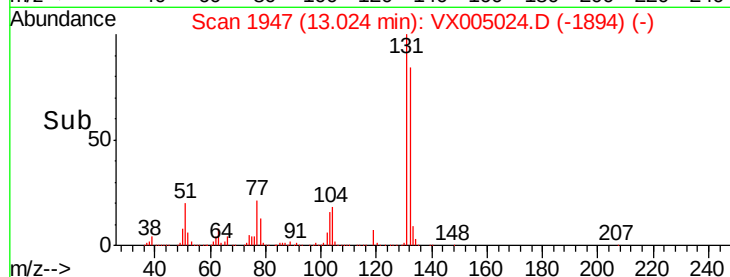
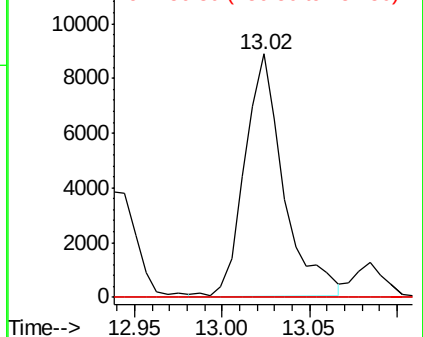
157 0.0 60.2 180.6#



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: 0.239 ug/l

RT: 13.65 min Scan# 2050

Delta R.T. 0.01 min

Lab File: VX005024.D

Acq: 04 Oct 2018 17:48

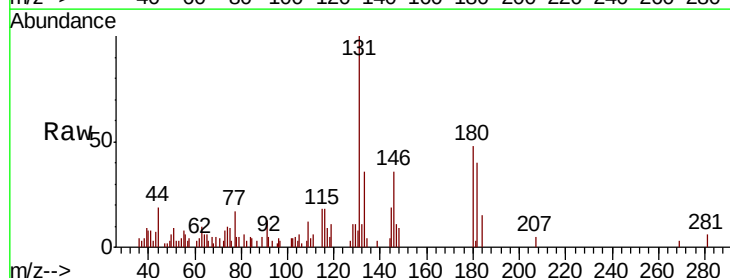
Tgt Ion:180 Resp: 1371

Ion Ratio Lower Upper

180 100

182 98.0 47.8 143.4

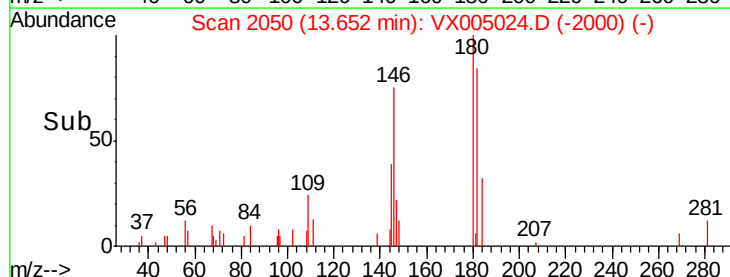
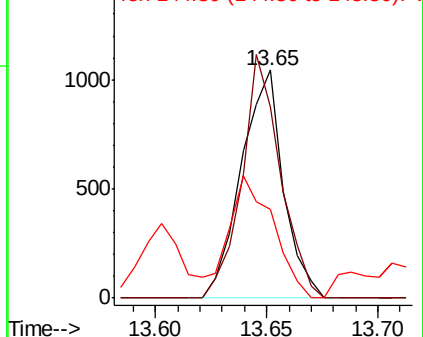
145 56.7 14.1 42.4#

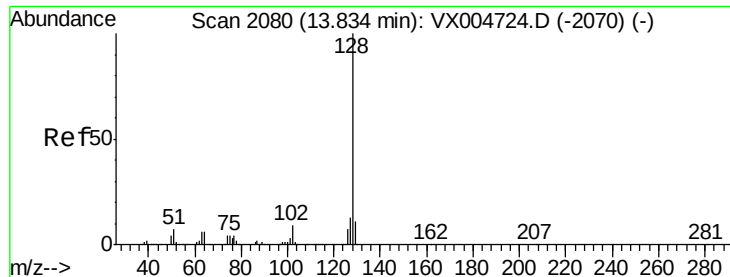


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

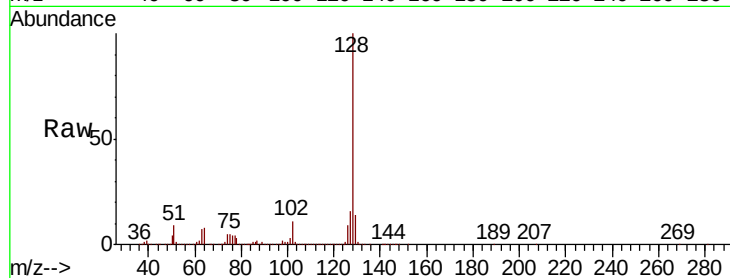




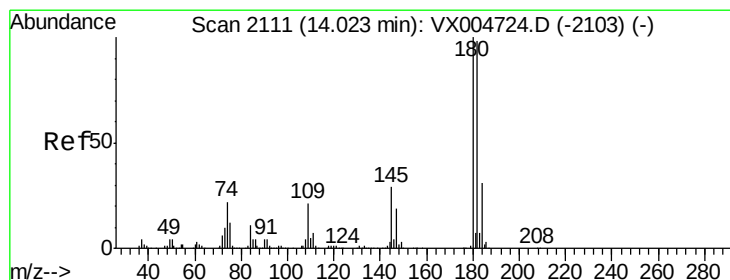
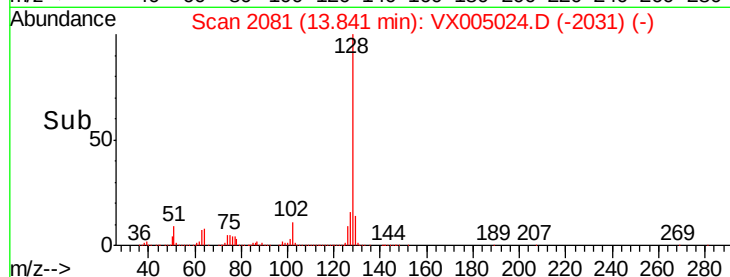
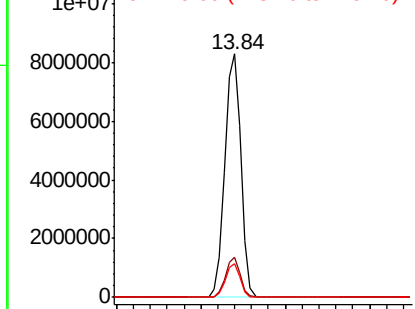
#95
Naphthalene
Concen: 566.105 ug/l
RT: 13.84 min Scan# 2081
Delta R.T. 0.01 min
Lab File: VX005024.D
Acq: 04 Oct 2018 17:48

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp:10932986
Ion Ratio Lower Upper
128 100
127 14.9 10.4 15.6
129 12.8 8.7 13.1

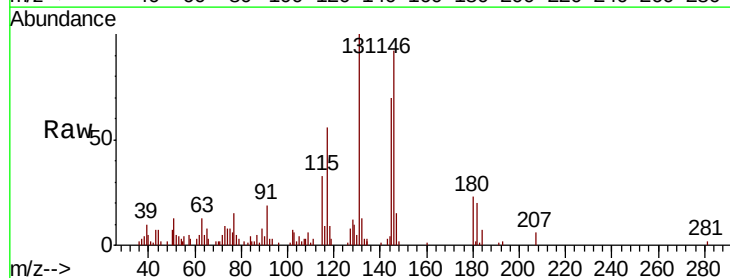


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 0.212 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. -0.00 min
Lab File: VX005024.D
Acq: 04 Oct 2018 17:48

Tgt Ion:180 Resp: 1255
Ion Ratio Lower Upper
180 100
182 80.7 47.9 143.8
145 231.8 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

