

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022719\
 Data File : VX007751.D
 Acq On : 27 Feb 2019 22:57
 Operator : JC/SP
 Sample : K1653-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 28 04:04:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	308411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	483608	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	449684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	214262	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	187430	49.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.12%	
35) Dibromofluoromethane	5.50	113	155866	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
50) Toluene-d8	8.71	98	585402	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
62) 4-Bromofluorobenzene	11.13	95	205646	45.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.54%	

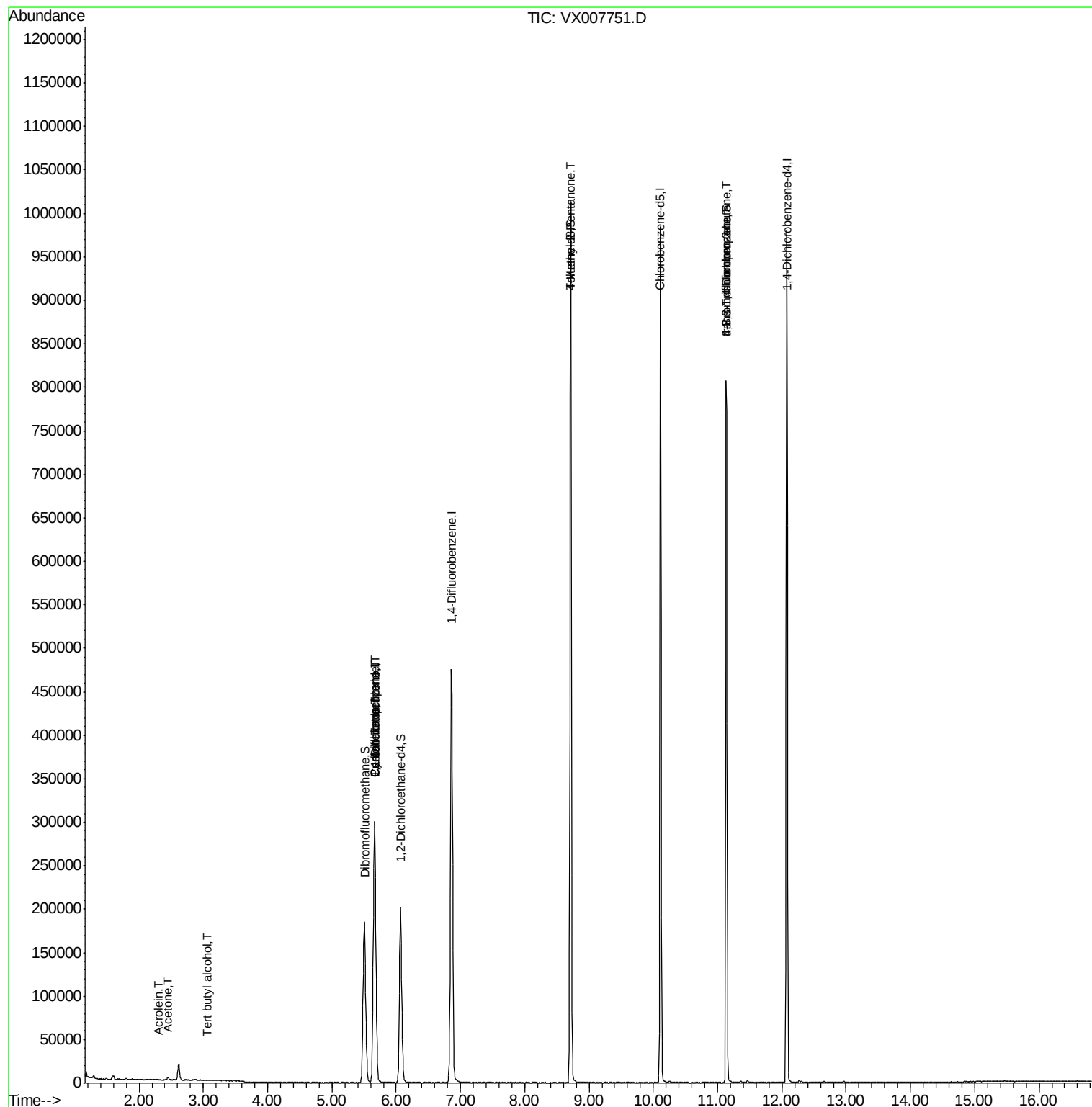
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	343	Below Cal	#	37
11) Tert butyl alcohol	3.07	59	177	0.244	ug/l #	73
13) Acrolein	2.29	56	175	0.272	ug/l #	67
16) Acetone	2.45	43	3095	1.822	ug/l #	88
31) Cyclohexane	5.67	56	5362	1.010	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	20368	4.685	ug/l #	48
38) Carbon Tetrachloride	5.67	117	27693	6.341	ug/l #	17
51) 4-Methyl-2-Pentanone	8.71	43	2659	0.534	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	102430	22.428	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	102430	59.492	ug/l #	9

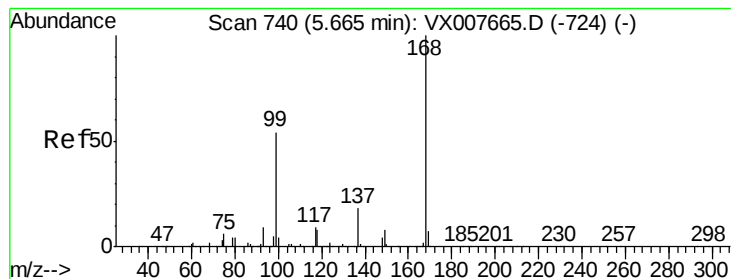
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022719\
Data File : VX007751.D
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Operator : JC/SP
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Feb 28 04:04:33 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007751.D

Acq: 27 Feb 2019 22:57

Instrument :

MSVOA_X

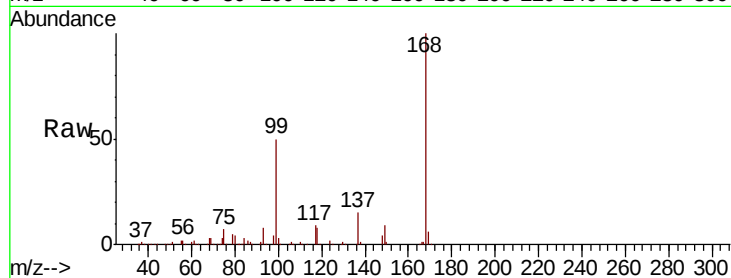
ClientSampleId :

Tot Ion:168 Resp: 308411

Ion Ratio Lower Upper

168 100

99 50.4 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

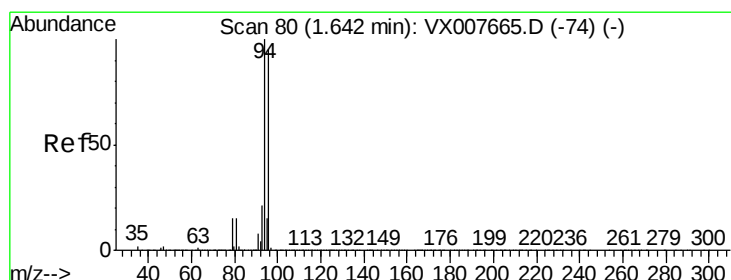
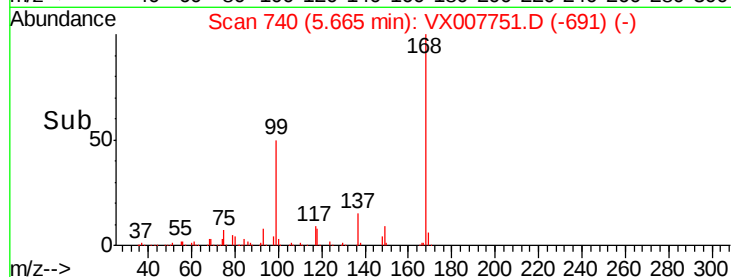
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 83

Delta R.T. 0.02 min

Lab File: VX007751.D

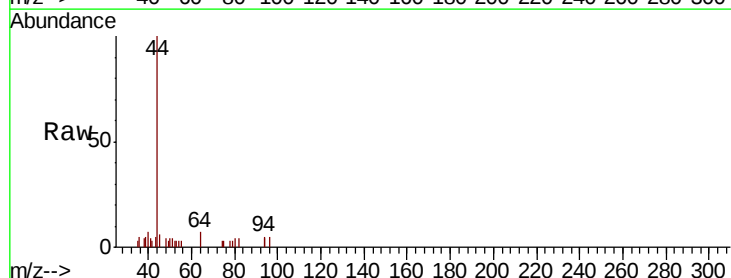
Acq: 27 Feb 2019 22:57

Tgt Ion: 94 Resp: 343

Ion Ratio Lower Upper

94 100

96 32.3 73.9 110.9#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.66

200

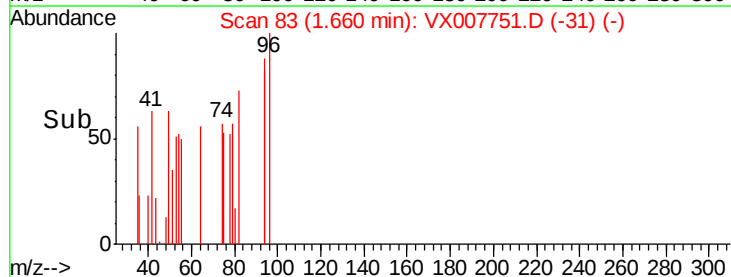
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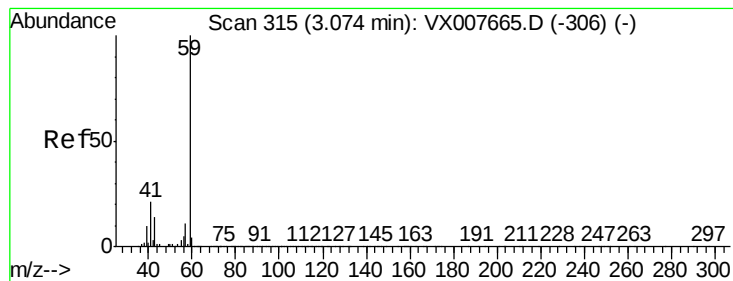
100

50

0

Time-->



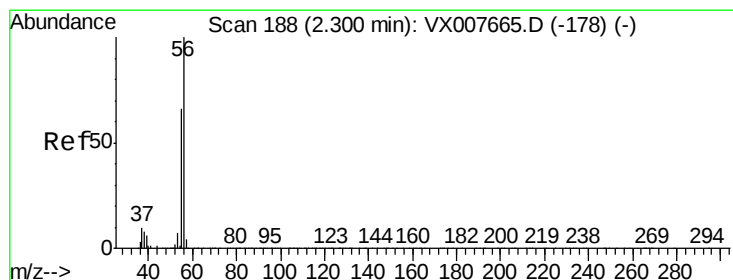
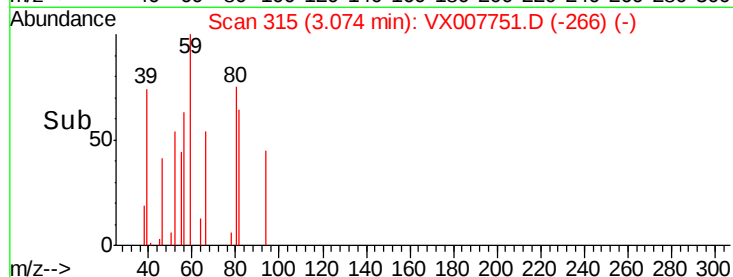
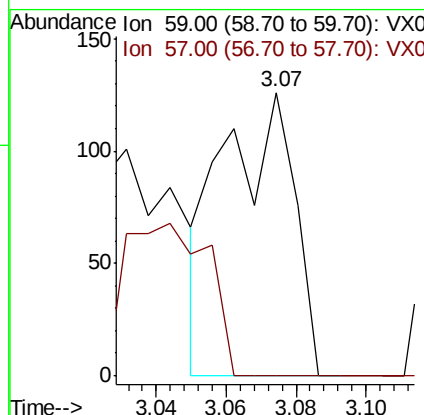
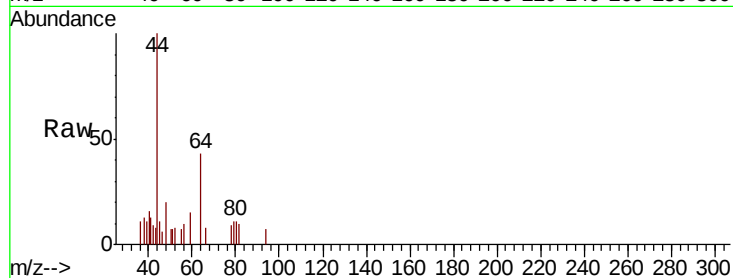


#11

Tert butyl alcohol
 Concen: 0.244 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX007751.D
 Acq: 27 Feb 2019 22:57

Instrument :
 MSVOA_X
 ClientSampled :

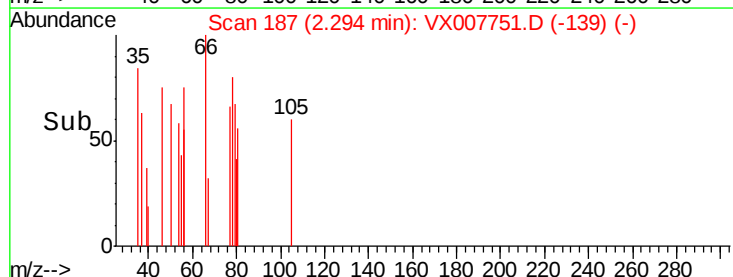
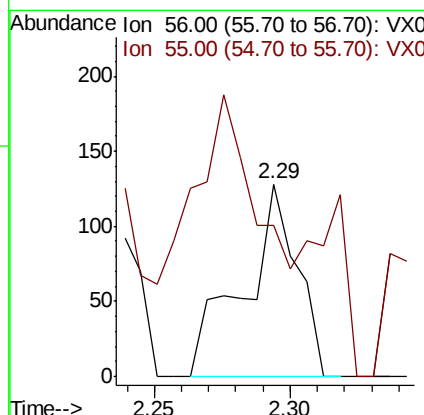
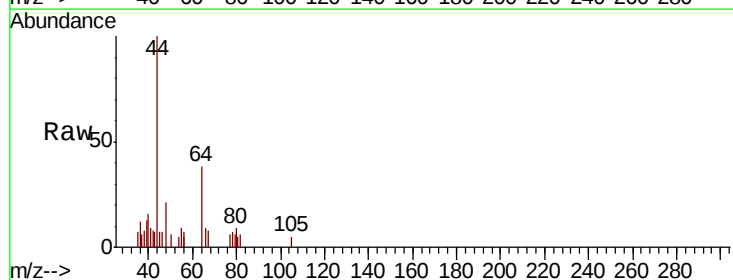
Tot Ion: 59 Resp: 177
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.1 12.1#

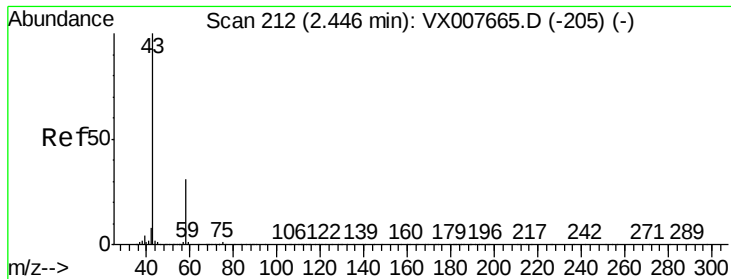


#13

Acrolein
 Concen: 0.272 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. -0.01 min
 Lab File: VX007751.D
 Acq: 27 Feb 2019 22:57

Tgt Ion: 56 Resp: 175
 Ion Ratio Lower Upper
 56 100
 55 98.3 56.9 85.3#

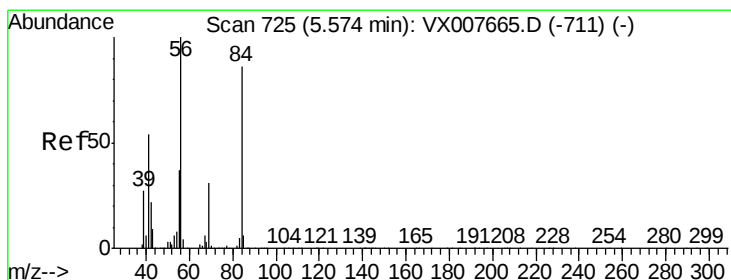
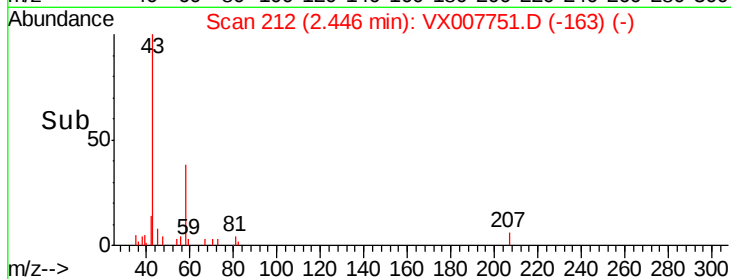
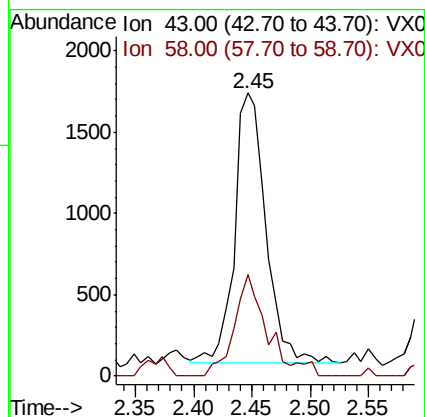
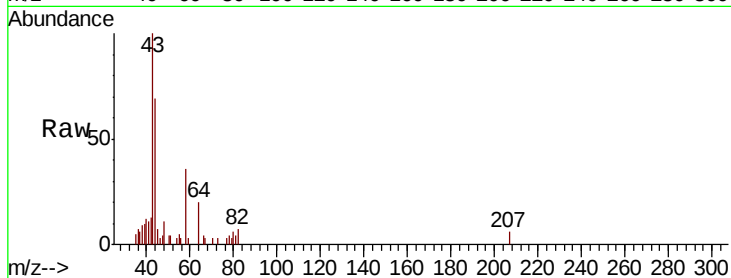




#16
Acetone
Concen: 1.822 ug/l
RT: 2.45 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX007751.D
Acq: 27 Feb 2019 22:57

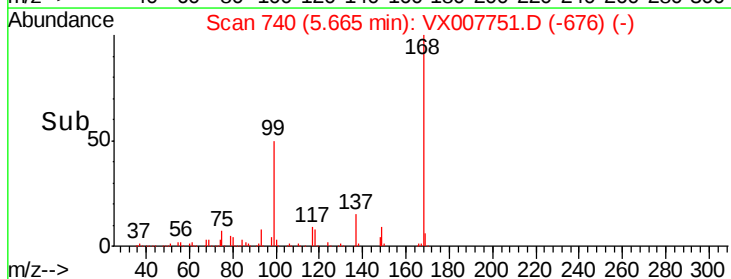
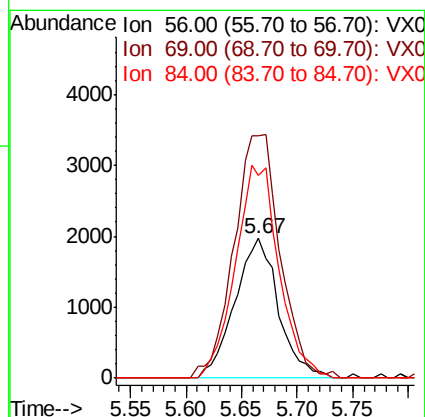
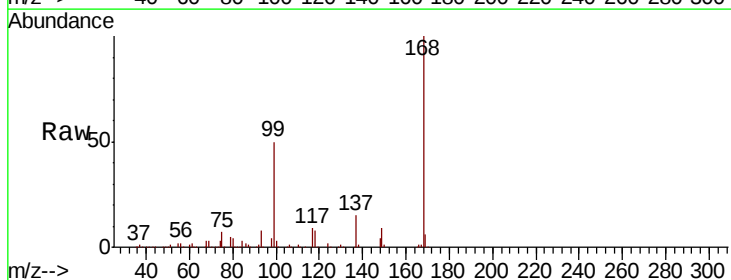
Instrument :
MSVOA_X
ClientSampleId :

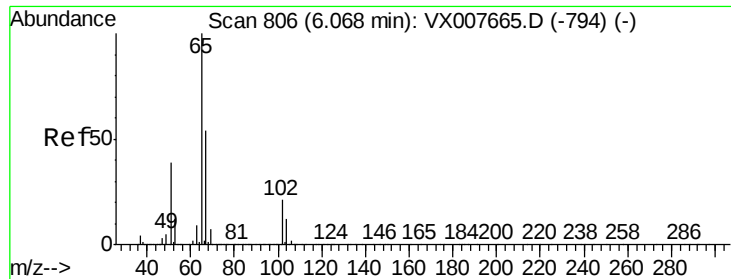
Tot Ion: 43 Resp: 3095
Ion Ratio Lower Upper
43 100
58 37.6 24.9 37.3#



#31
Cyclohexane
Concen: 1.010 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX007751.D
Acq: 27 Feb 2019 22:57

Tgt Ion: 56 Resp: 5362
Ion Ratio Lower Upper
56 100
69 173.1 23.0 34.6#
84 145.0 69.8 104.6#

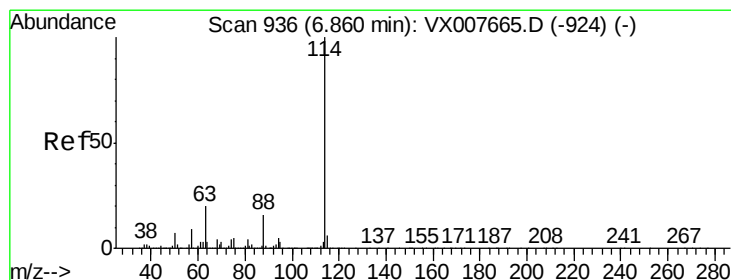
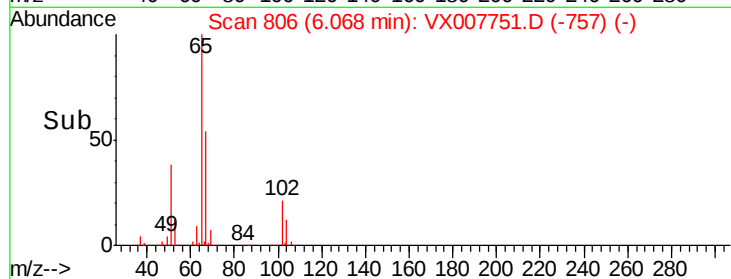
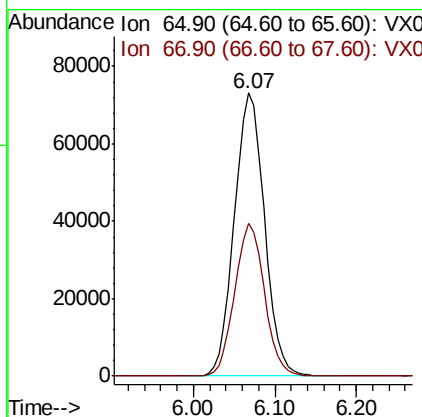
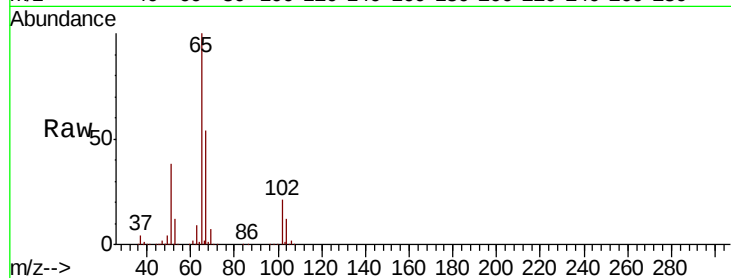




#33
 1,2-Dichloroethane-d4
 Concen: 49.062 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007751.D
 Acq: 27 Feb 2019 22:57

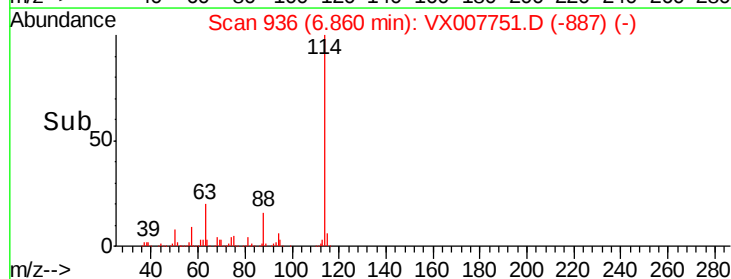
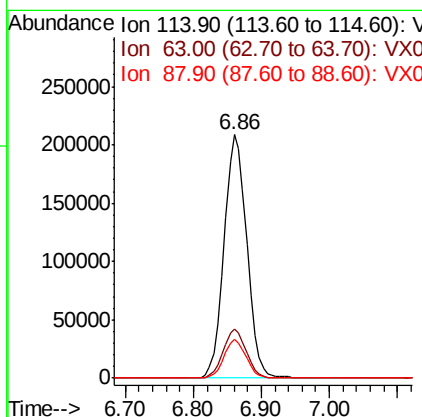
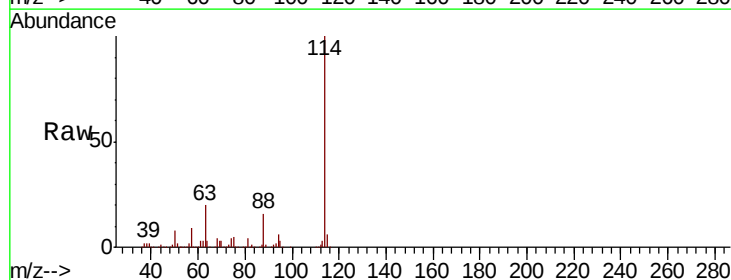
Instrument :
 MSVOA_X
 ClientSampleId :

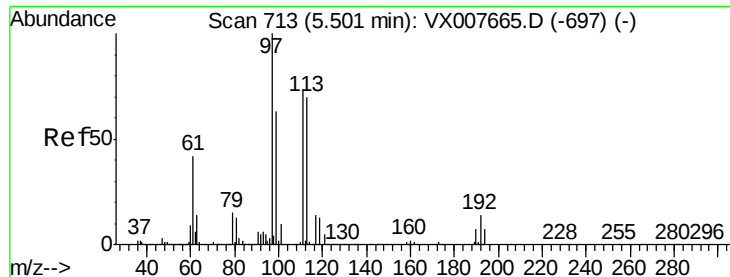
Tot Ion: 65 Resp: 187430
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 108.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007751.D
 Acq: 27 Feb 2019 22:57

Tgt Ion: 114 Resp: 483608
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 35.6
 88 15.8 0.0 29.6

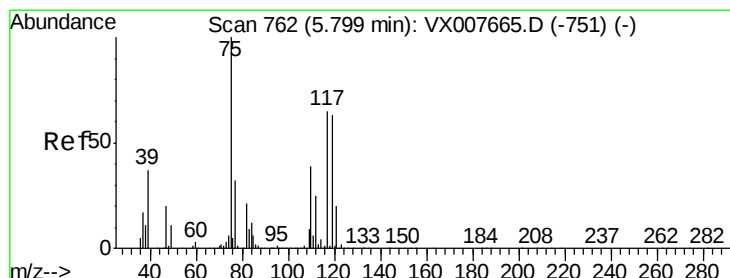
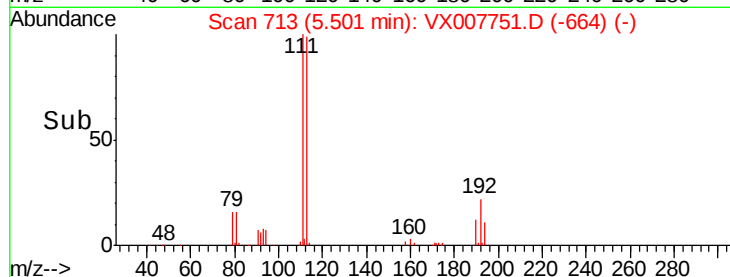
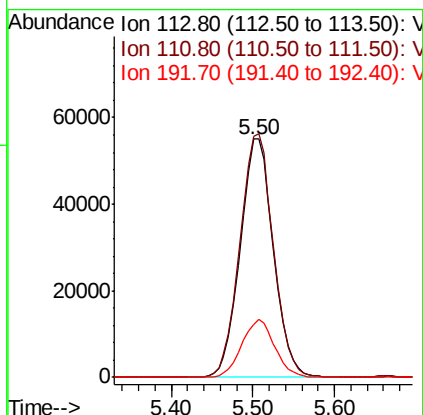
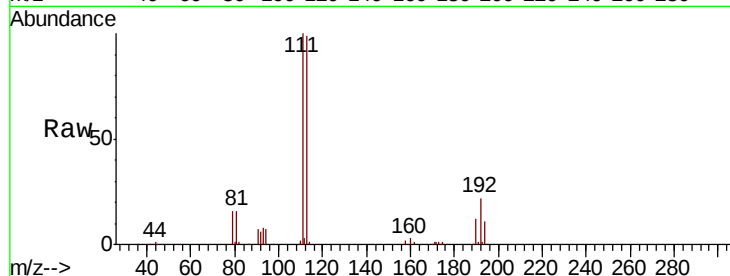




#35
 Dibromofluoromethane
 Concen: 48.214 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX007751.D
 Acq: 27 Feb 2019 22:57

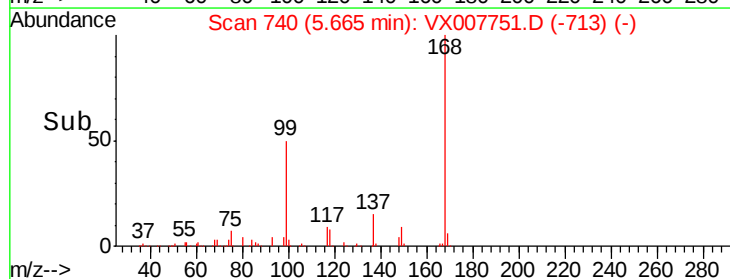
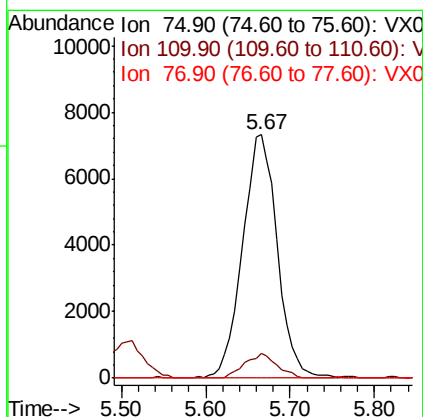
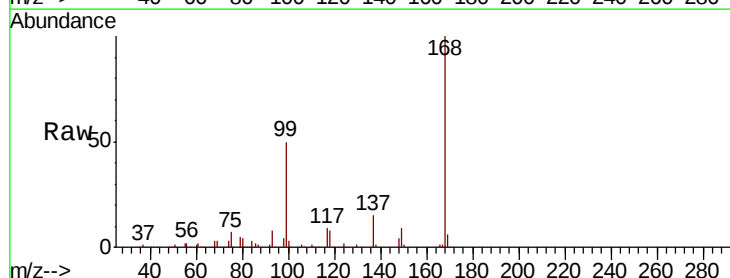
Instrument :
 MSVOA_X
 ClientSampleId :

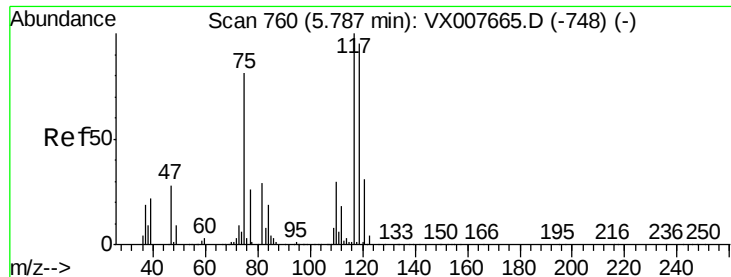
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	81.8	122.8
192	23.9	18.5	27.7



#36
 1,1-Dichloropropene
 Concen: 4.685 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX007751.D
 Acq: 27 Feb 2019 22:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.3	20.0	59.9#
77	0.0	24.7	37.1#

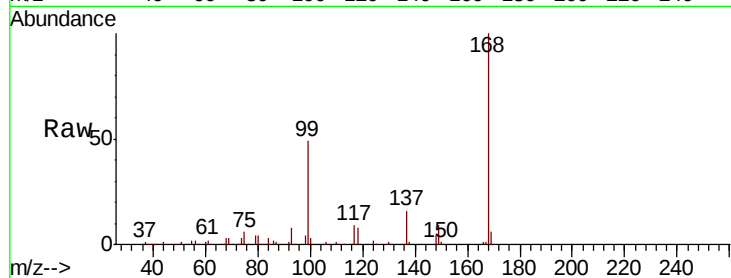




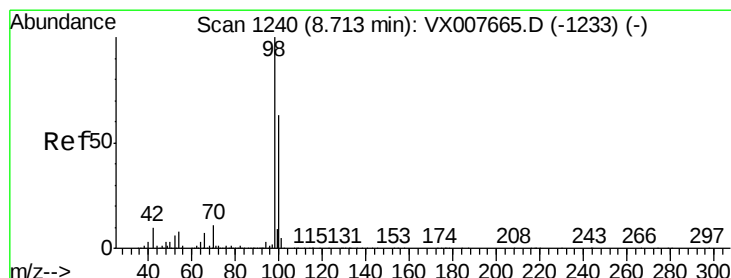
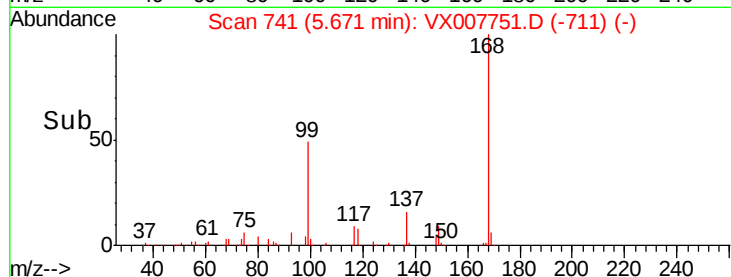
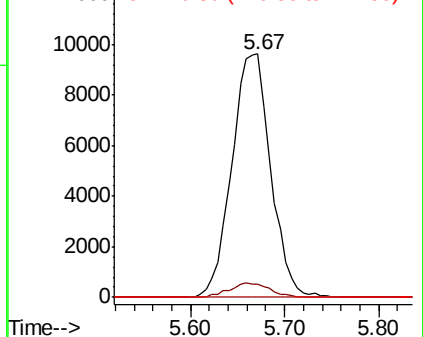
#38
Carbon Tetrachloride
Concen: 6.341 ug/l
RT: 5.67 min Scan# 741
Delta R.T. -0.12 min
Lab File: VX007751.D
Acq: 27 Feb 2019 22:57

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 27693
Ion Ratio Lower Upper
117 100
119 5.3 75.3 112.9#
121 0.0 25.0 37.4#

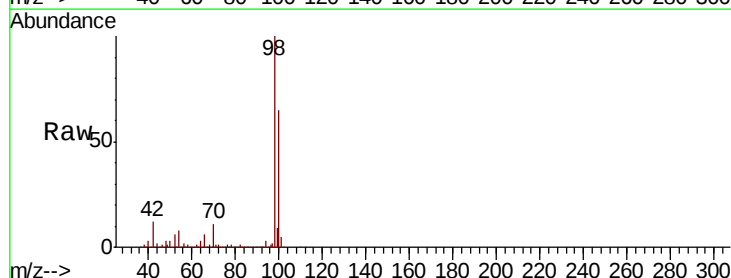


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

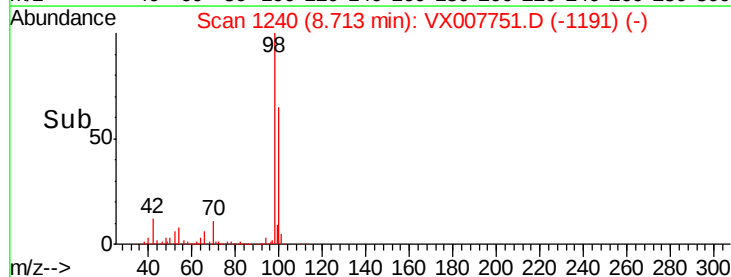
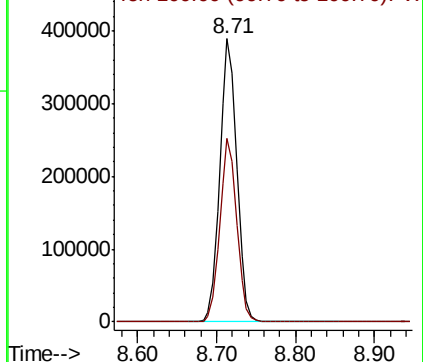


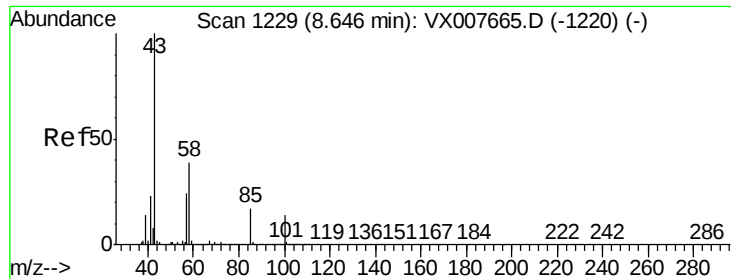
#50
Toluene-d8
Concen: 47.300 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007751.D
Acq: 27 Feb 2019 22:57

Tgt Ion: 98 Resp: 585402
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



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

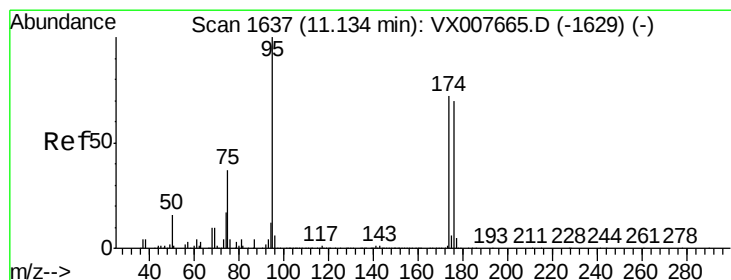
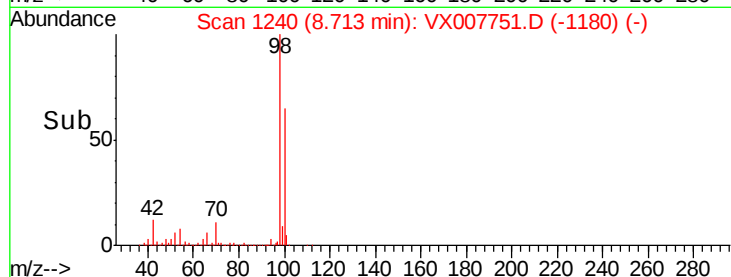
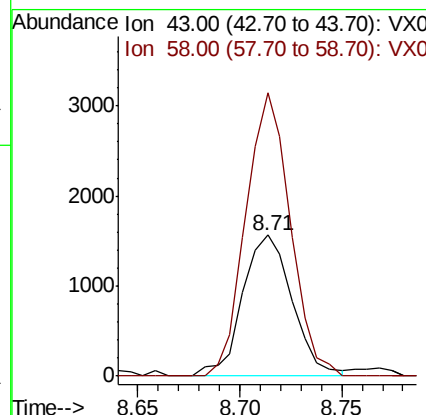
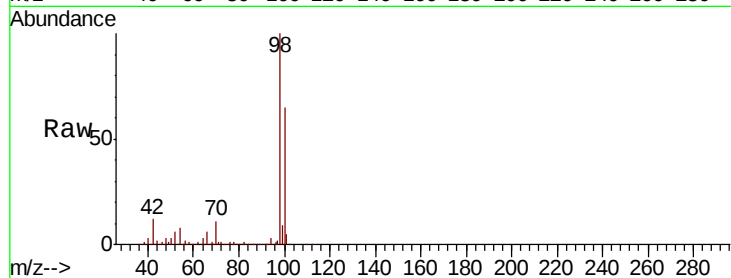




#51
4-Methyl-2-Pentanone
Concen: 0.534 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.07 min
Lab File: VX007751.D
Acq: 27 Feb 2019 22:57

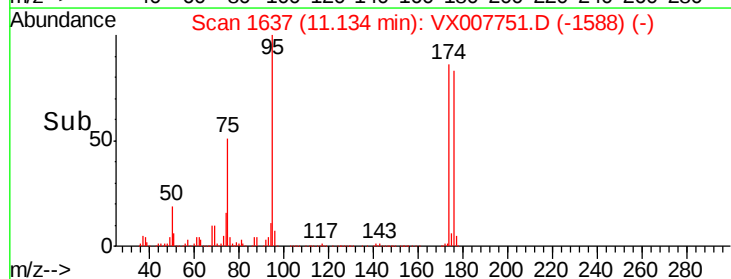
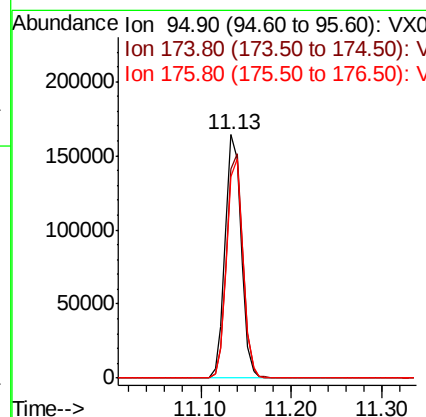
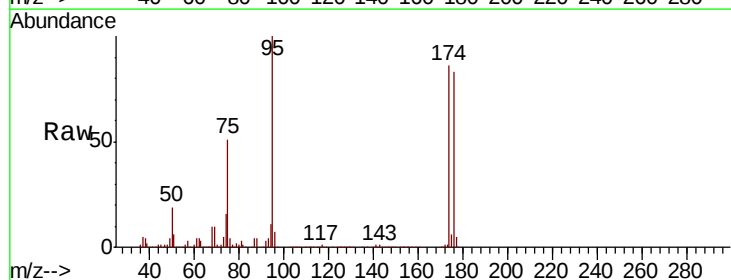
Instrument :
MSVOA_X
ClientSampleId :

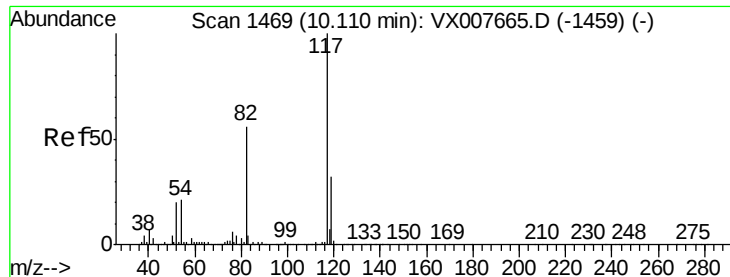
Tot Ion: 43 Resp: 2659
Ion Ratio Lower Upper
43 100
58 178.8 31.2 46.8#



#62
4-Bromofluorobenzene
Concen: 45.271 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007751.D
Acq: 27 Feb 2019 22:57

Tgt Ion: 95 Resp: 205646
Ion Ratio Lower Upper
95 100
174 92.9 0.0 189.2
176 90.6 0.0 186.2

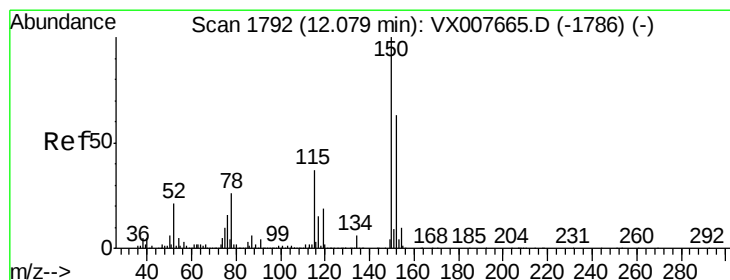
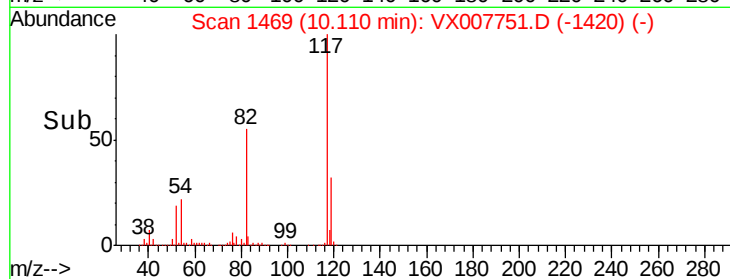
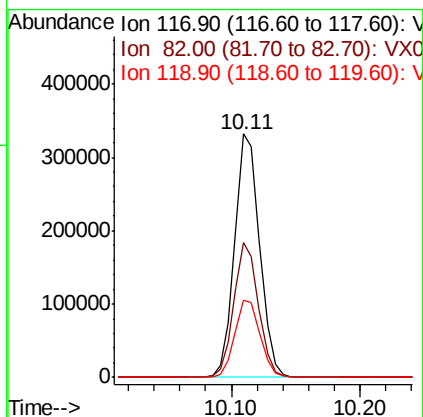
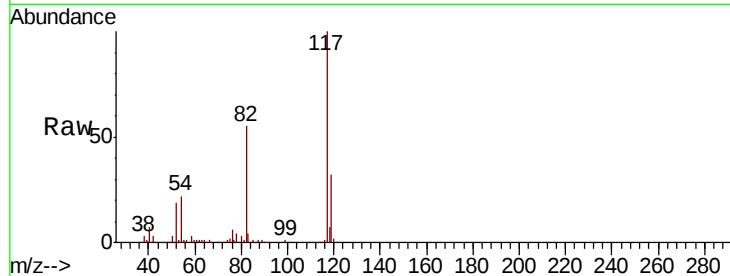




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX007751.D
Acq: 27 Feb 2019 22:57

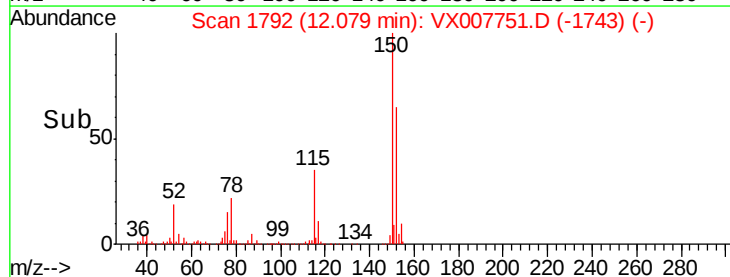
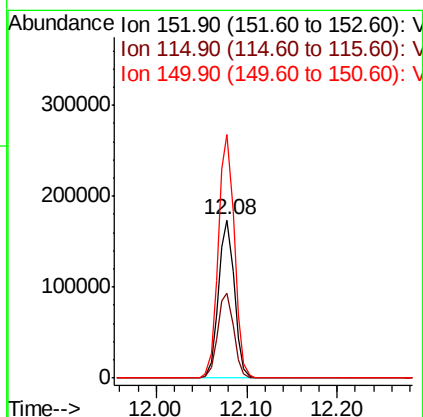
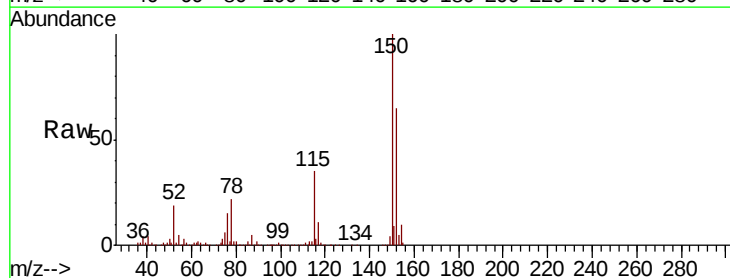
Instrument :
MSVOA_X
ClientSampleId :

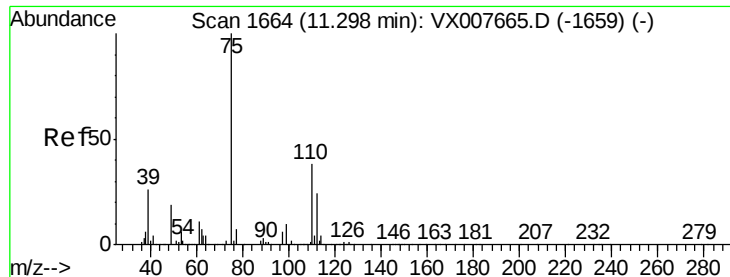
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.2	42.1	63.1
119	32.0	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007751.D
Acq: 27 Feb 2019 22:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	38.0	114.0
150	155.7	0.0	346.4

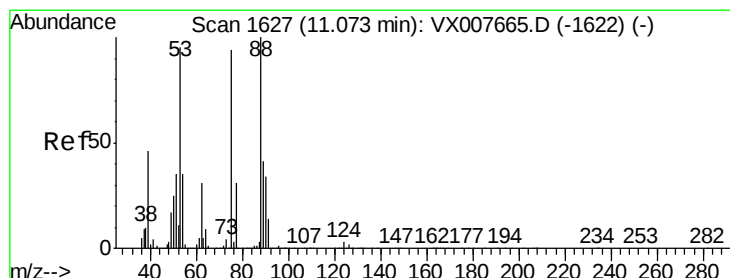
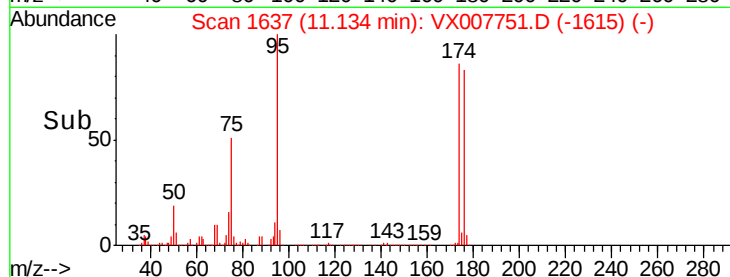
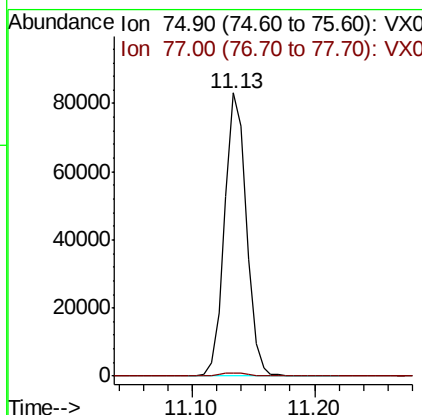
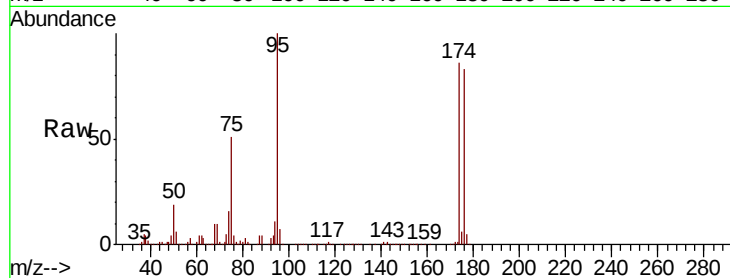




#76
 1,2,3-Trichloropropane
 Concen: 22.428 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.16 min
 Lab File: VX007751.D
 Acq: 27 Feb 2019 22:57

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 102430
 Ion Ratio Lower Upper
 75 100
 77 1.4 23.0 69.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 59.492 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. 0.06 min
 Lab File: VX007751.D
 Acq: 27 Feb 2019 22:57

Tgt Ion: 75 Resp: 102430
 Ion Ratio Lower Upper
 75 100
 53 0.1 81.0 121.6#
 89 0.0 41.4 62.0#

