

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022719\
 Data File : VX007745.D
 Acq On : 27 Feb 2019 20:17
 Operator : JC/SP
 Sample : K1653-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Feb 28 04:03:13 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	303589	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	473625	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	448410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	213009	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	186760	49.66	ug/l	0.00
Spiked Amount			Recovery	=	99.32%	
35) Dibromofluoromethane	5.50	113	155124	49.00	ug/l	0.00
Spiked Amount			Recovery	=	98.00%	
50) Toluene-d8	8.71	98	579611	47.82	ug/l	0.00
Spiked Amount			Recovery	=	95.64%	
62) 4-Bromofluorobenzene	11.13	95	206420	46.40	ug/l	0.00
Spiked Amount			Recovery	=	92.80%	

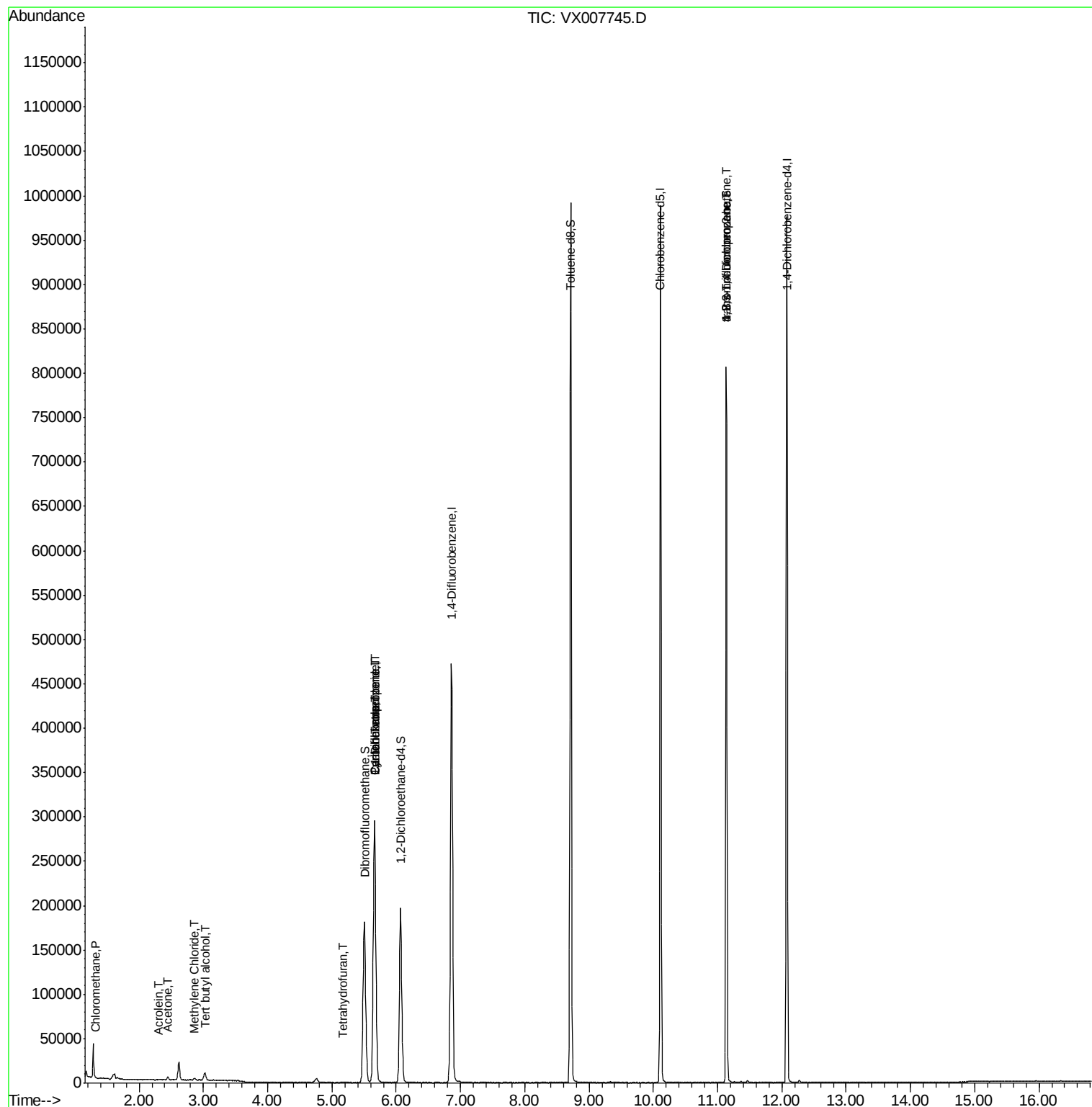
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	684	0.221	ug/l #	44
5) Bromomethane	1.65	94	662	Below Cal		84
11) Tert butyl alcohol	3.03	59	5563	7.797	ug/l #	81
13) Acrolein	2.29	56	129	0.203	ug/l	97
16) Acetone	2.45	43	3655	2.186	ug/l	99
20) Methylene Chloride	2.86	84	914	0.296	ug/l	94
29) Tetrahydrofuran	5.17	42	520	0.310	ug/l #	38
31) Cyclohexane	5.66	56	5519	1.056	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	20122	4.726	ug/l #	47
38) Carbon Tetrachloride	5.67	117	26751	6.254	ug/l #	17
76) 1,2,3-Trichloropropane	11.13	75	100791	22.199	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	100791	58.916	ug/l #	9

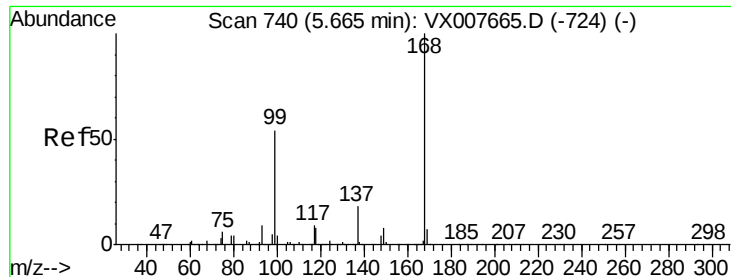
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022719\
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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: VX007745.D

Acq: 27 Feb 2019 20:17

Instrument :

MSVOA_X

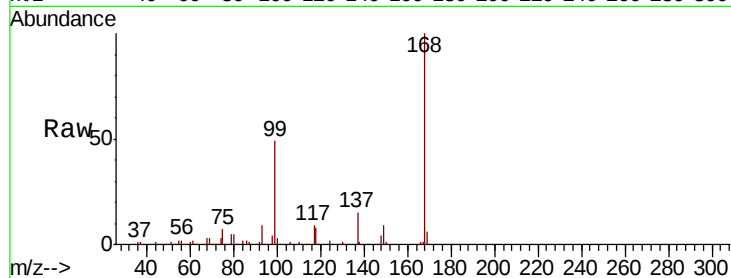
ClientSampleId :

Tot Ion:168 Resp: 303589

Ion Ratio Lower Upper

168 100

99 49.4 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

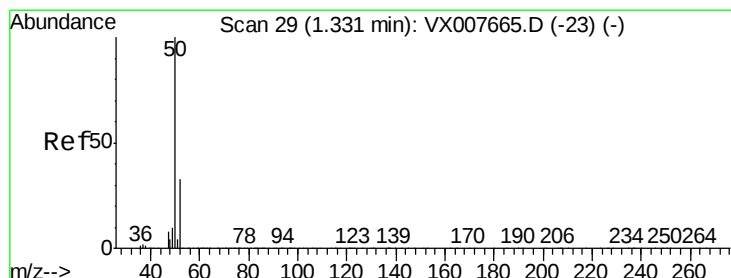
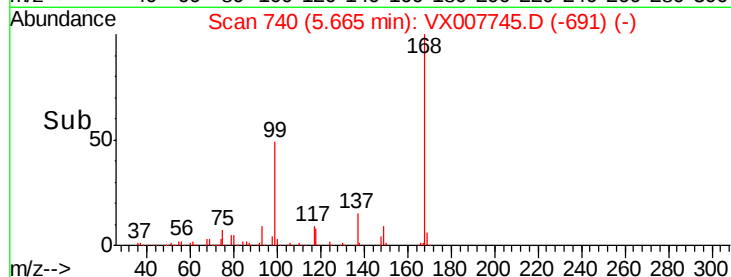
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.221 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007745.D

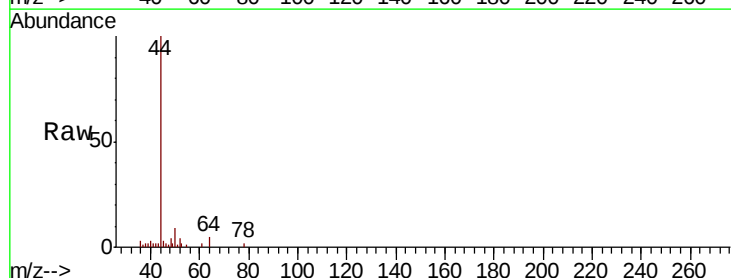
Acq: 27 Feb 2019 20:17

Tgt Ion: 50 Resp: 684

Ion Ratio Lower Upper

50 100

52 64.0 26.1 39.1#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

400

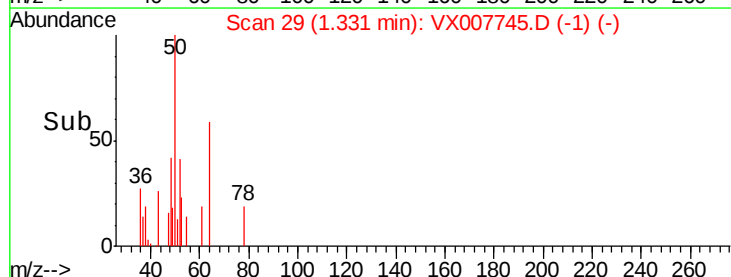
300

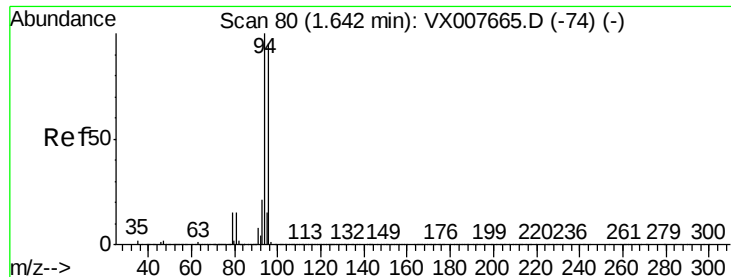
200

100

0

Time--> 1.30 1.35 1.40





#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX007745.D

Acq: 27 Feb 2019 20:17

Instrument :

MSVOA_X

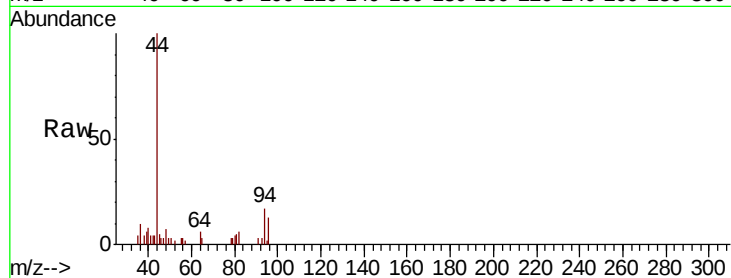
ClientSampleId :

Tot Ion: 94 Resp: 662

Ion Ratio Lower Upper

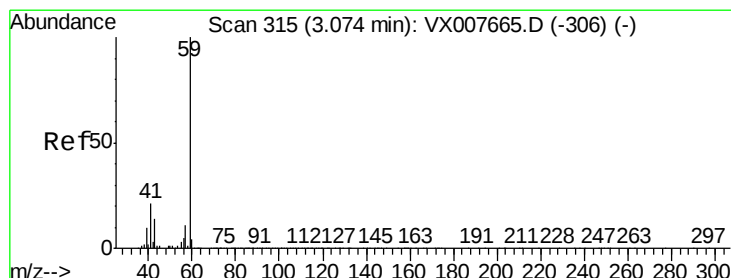
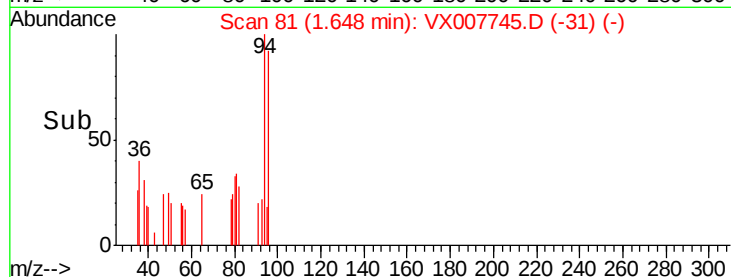
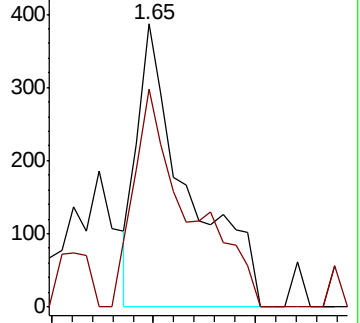
94 100

96 76.7 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#11

Tert butyl alcohol

Concen: 7.797 ug/l

RT: 3.03 min Scan# 307

Delta R.T. -0.05 min

Lab File: VX007745.D

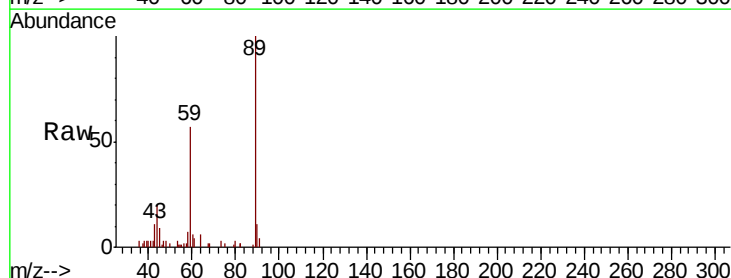
Acq: 27 Feb 2019 20:17

Tgt Ion: 59 Resp: 5563

Ion Ratio Lower Upper

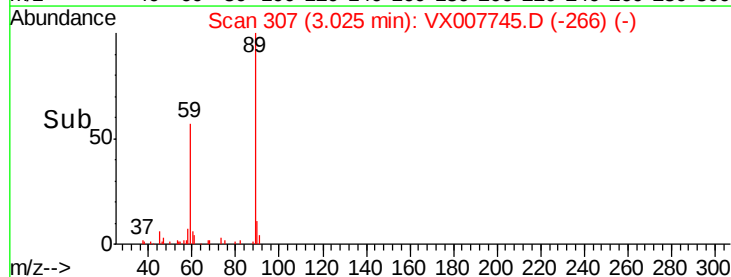
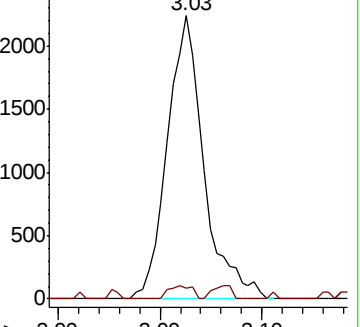
59 100

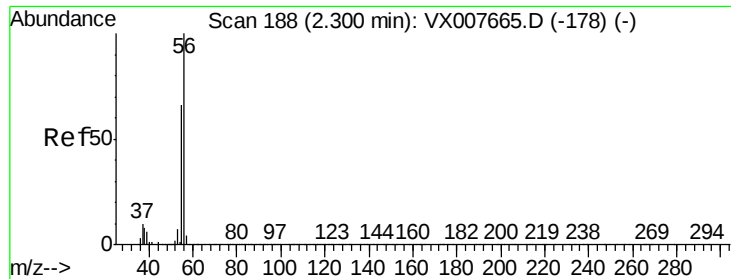
57 2.9 8.1 12.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

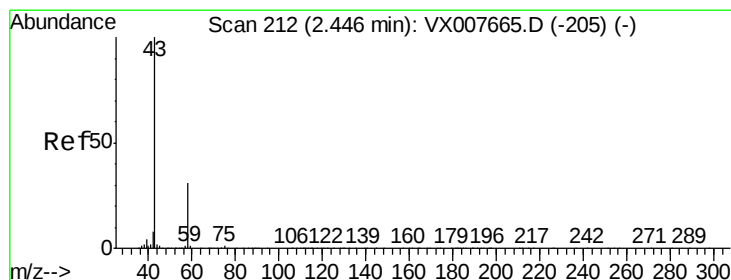
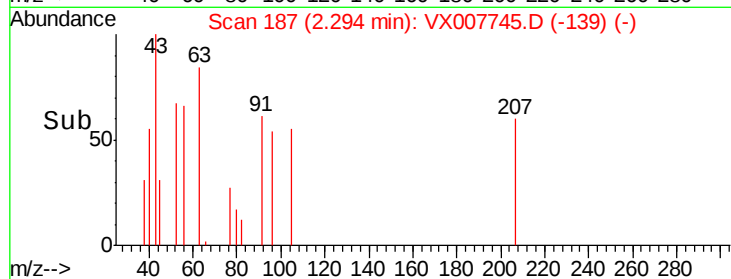
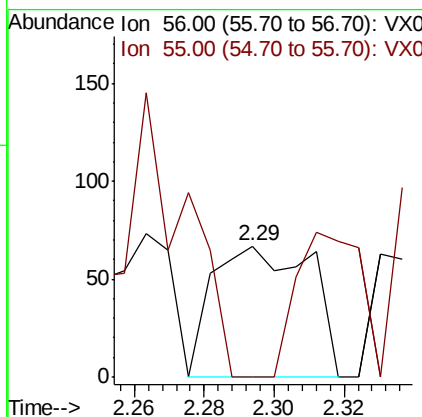
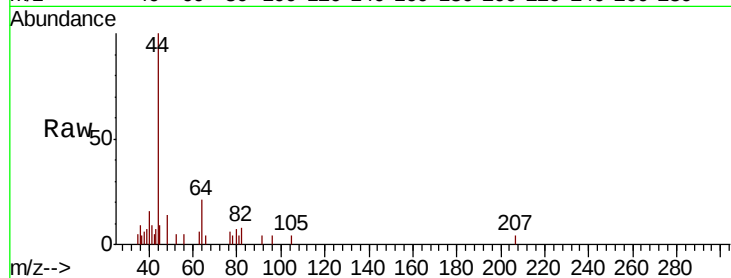




#13
Acrolein
Concen: 0.203 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX007745.D
Acq: 27 Feb 2019 20:17

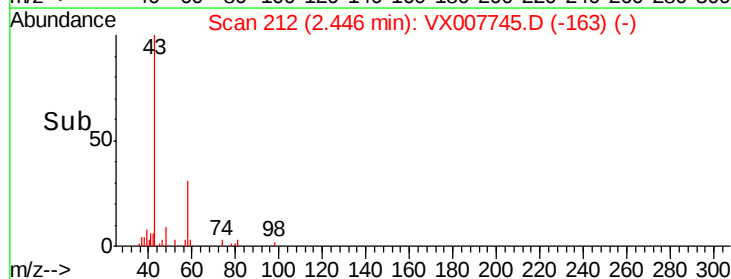
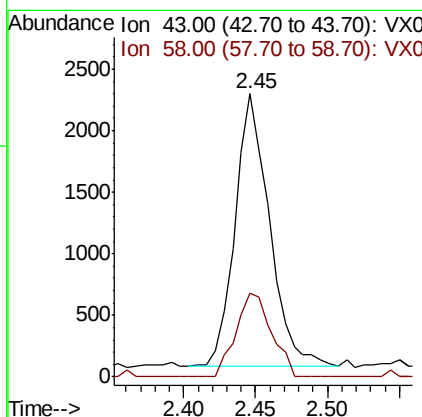
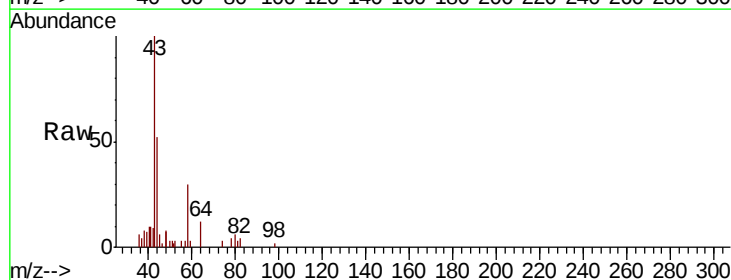
Instrument :
MSVOA_X
ClientSampleId :

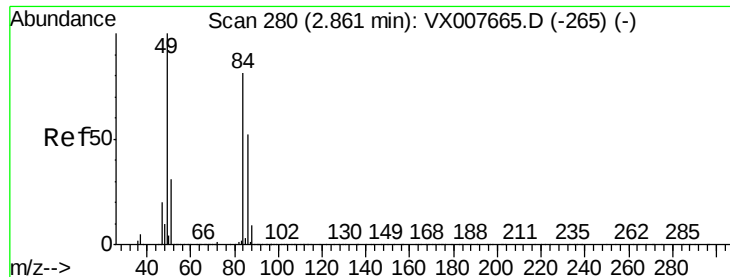
Tot Ion: 56 Resp: 129
Ion Ratio Lower Upper
56 100
55 73.6 56.9 85.3



#16
Acetone
Concen: 2.186 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007745.D
Acq: 27 Feb 2019 20:17

Tgt Ion: 43 Resp: 3655
Ion Ratio Lower Upper
43 100
58 30.7 24.9 37.3

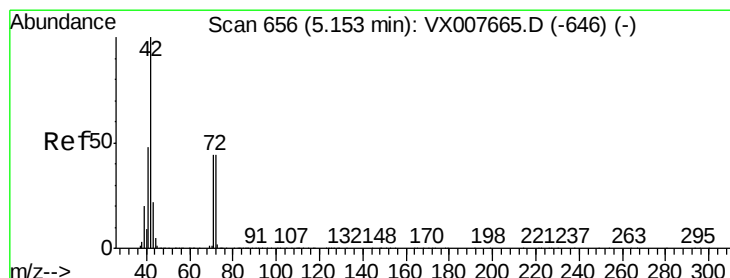
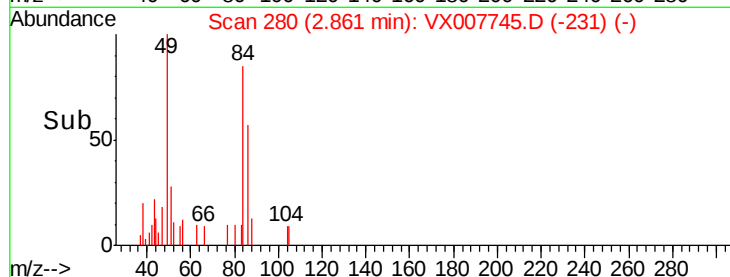
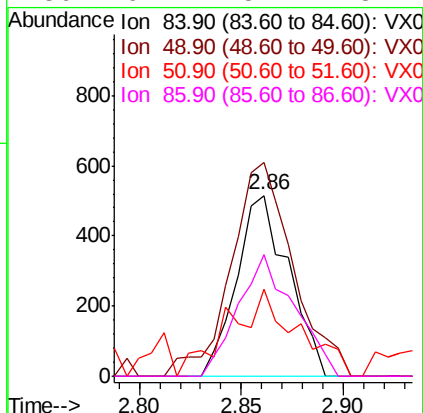
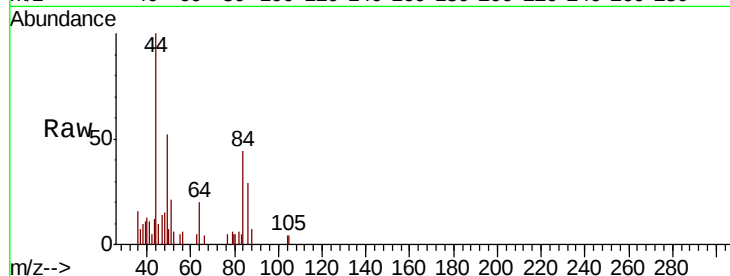




#20
Methvlene Chloride
Concen: 0.296 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007745.D
Acq: 27 Feb 2019 20:17

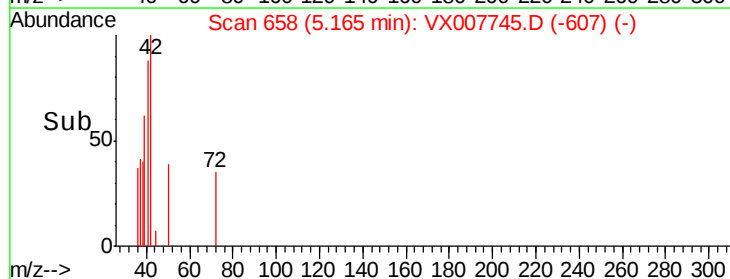
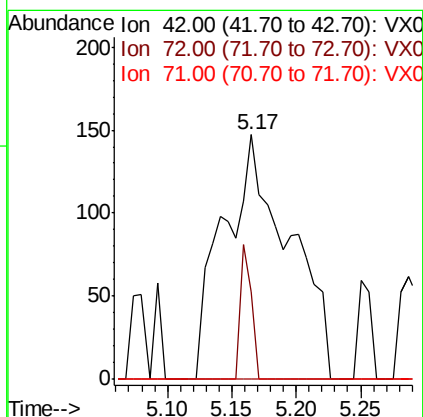
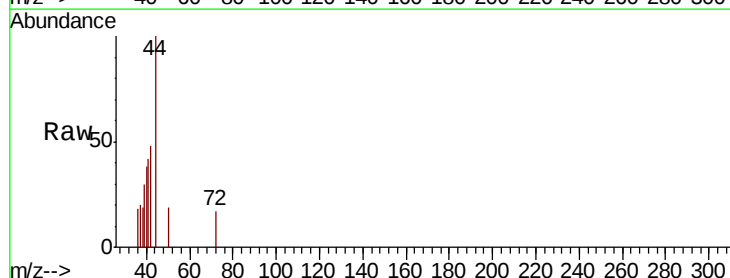
Instrument :
MSVOA_X
ClientSampleId :

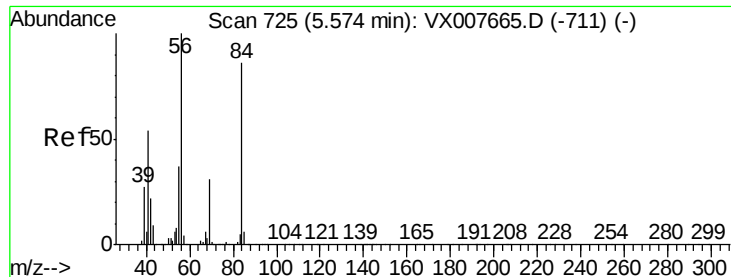
Tot Ion:	84	Resp:	914
Ion	Ratio	Lower	Upper
84	100		
49	107.2	94.8	142.2
51	35.9	29.8	44.8
86	67.4	54.1	81.1



#29
Tetrahydrofuran
Concen: 0.310 ug/l
RT: 5.17 min Scan# 658
Delta R.T. 0.01 min
Lab File: VX007745.D
Acq: 27 Feb 2019 20:17

Tgt Ion:	42	Resp:	520
Ion	Ratio	Lower	Upper
42	100		
72	9.4	37.6	56.4#
71	0.0	34.6	51.8#

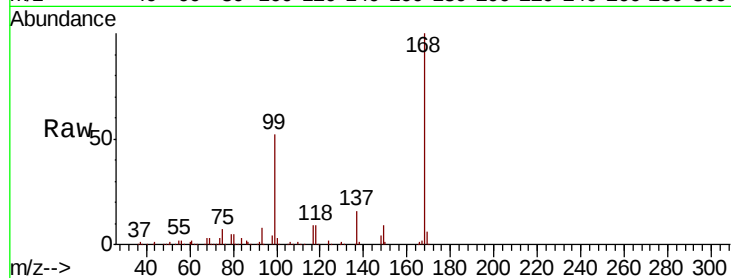




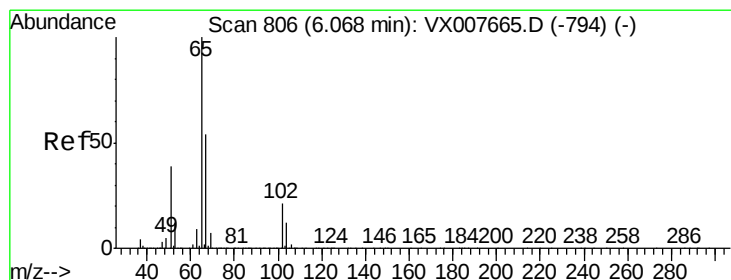
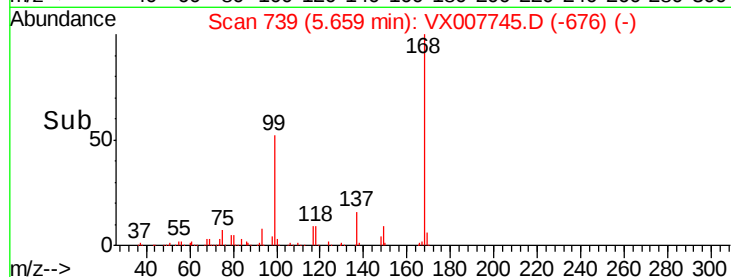
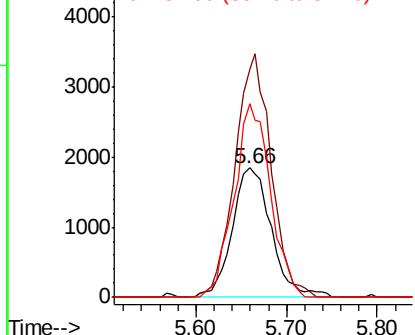
#31
Cyclohexane
Concen: 1.056 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.09 min
Lab File: VX007745.D
Acq: 27 Feb 2019 20:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 5519
Ion Ratio Lower Upper
56 100
69 177.3 23.0 34.6#
84 149.6 69.8 104.6#

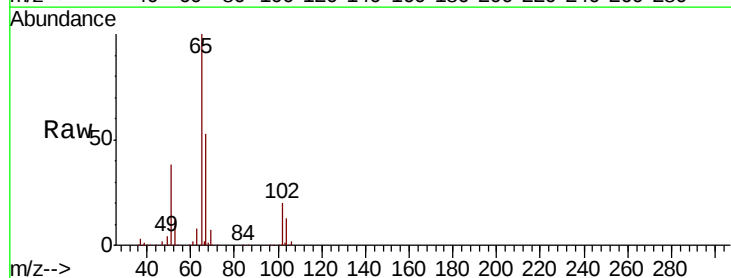


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

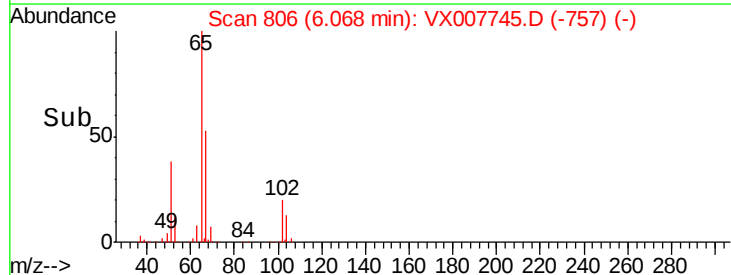
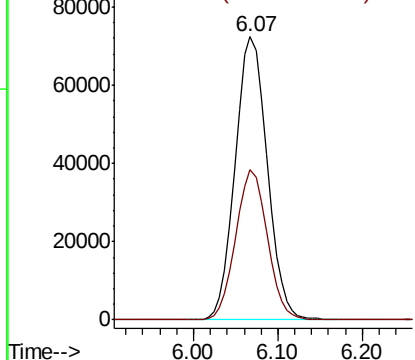


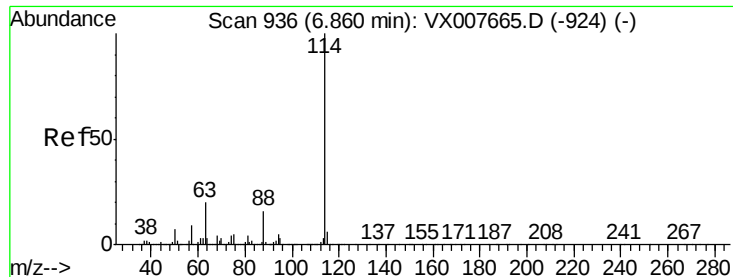
#33
1,2-Dichloroethane-d4
Concen: 49.664 ug/l
RT: 6.07 min Scan# 806
Delta R.T. -0.00 min
Lab File: VX007745.D
Acq: 27 Feb 2019 20:17

Tgt Ion: 65 Resp: 186760
Ion Ratio Lower Upper
65 100
67 52.4 0.0 108.8



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: VX007745.D

Acq: 27 Feb 2019 20:17

Instrument :

MSVOA_X

ClientSampled :

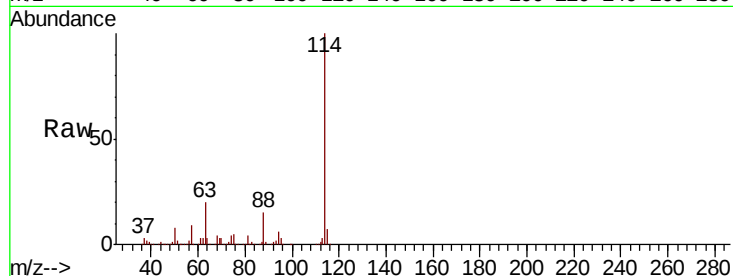
Tot Ion:114 Resp: 473625

Ion Ratio Lower Upper

114 100

63 20.4 0.0 35.6

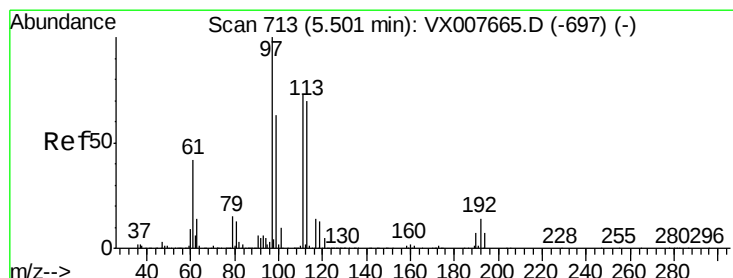
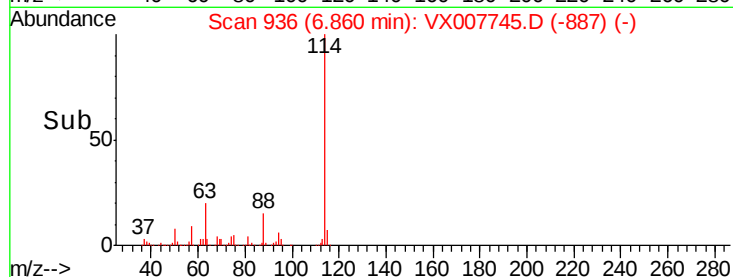
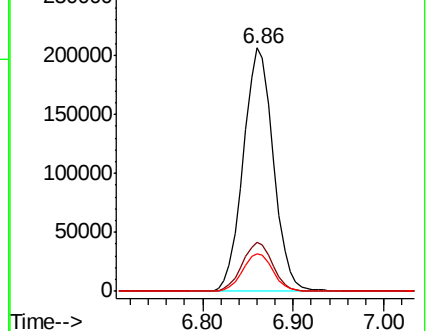
88 15.3 0.0 29.6



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: 48.996 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007745.D

Acq: 27 Feb 2019 20:17

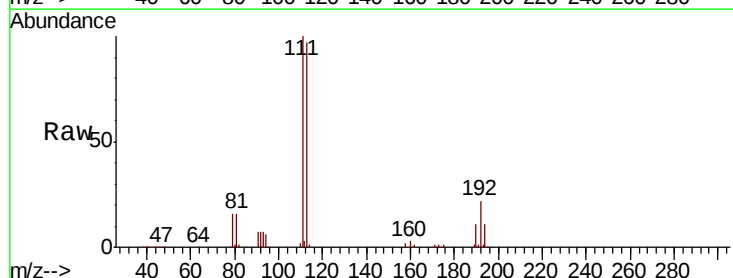
Tgt Ion:113 Resp: 155124

Ion Ratio Lower Upper

113 100

111 101.5 81.8 122.8

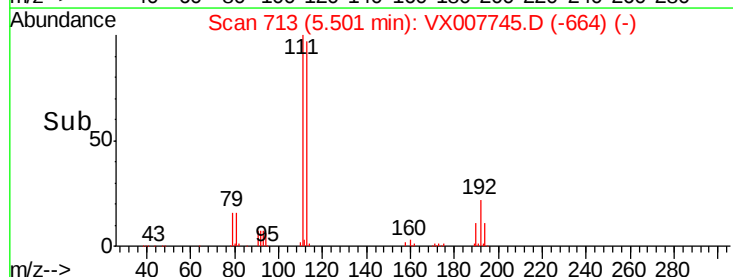
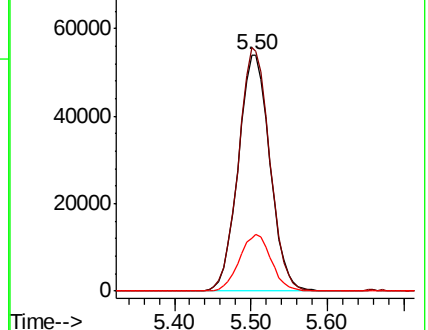
192 24.0 18.5 27.7

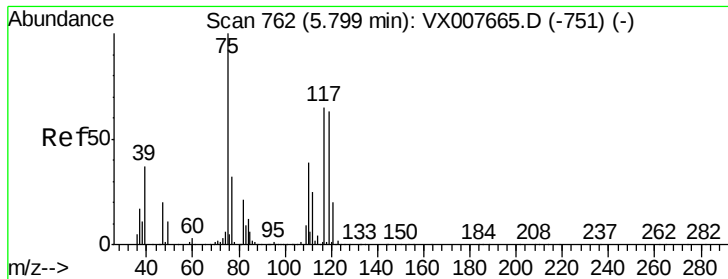


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 4.726 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX007745.D

Acq: 27 Feb 2019 20:17

Instrument :

MSVOA_X

ClientSampleId :

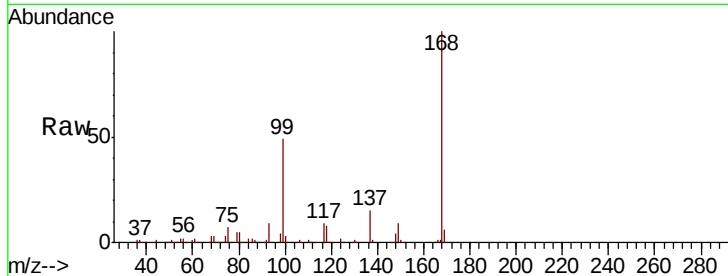
Tot Ion: 75 Resp: 20122

Ion Ratio Lower Upper

75 100

110 9.1 20.0 59.9#

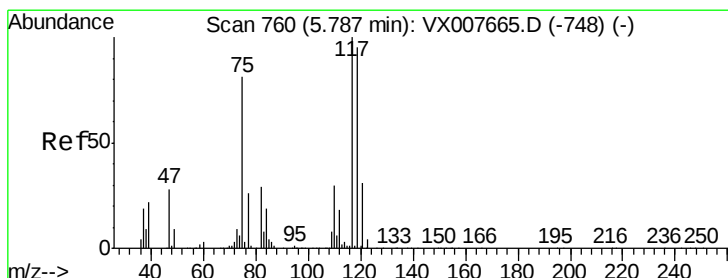
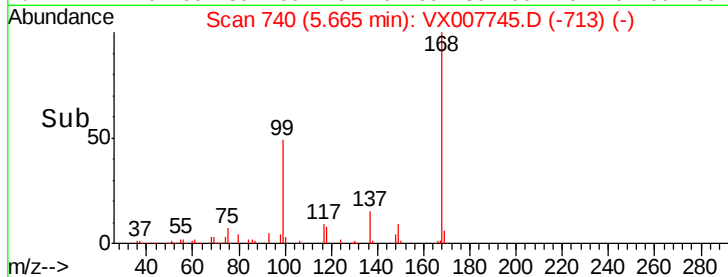
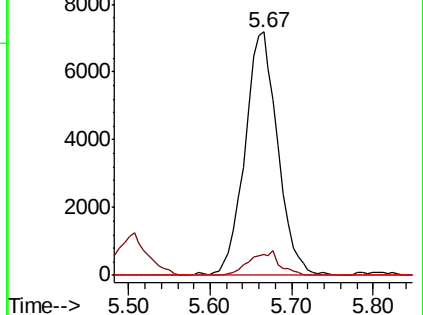
77 0.0 24.7 37.1#



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: 6.254 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.12 min

Lab File: VX007745.D

Acq: 27 Feb 2019 20:17

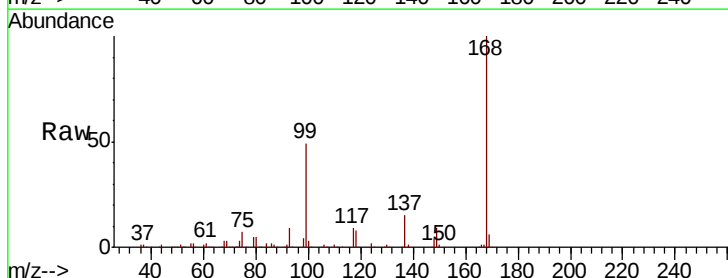
Tgt Ion: 117 Resp: 26751

Ion Ratio Lower Upper

117 100

119 4.9 75.3 112.9#

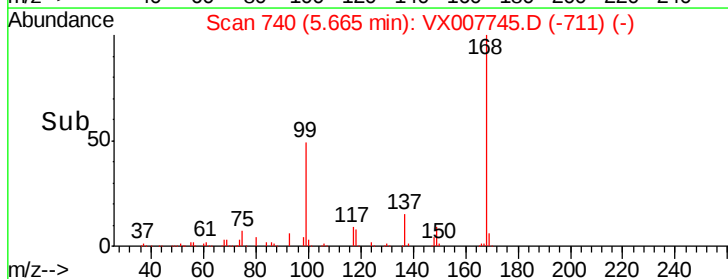
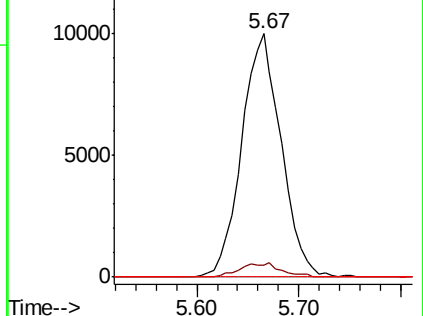
121 0.0 25.0 37.4#

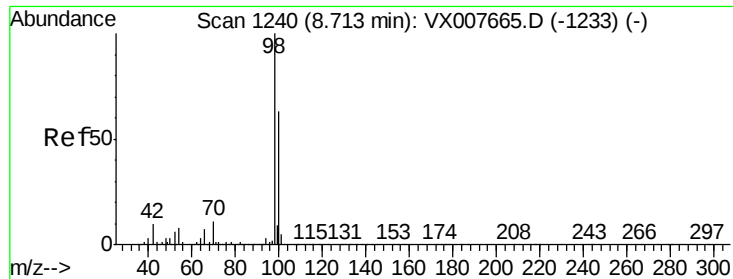


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

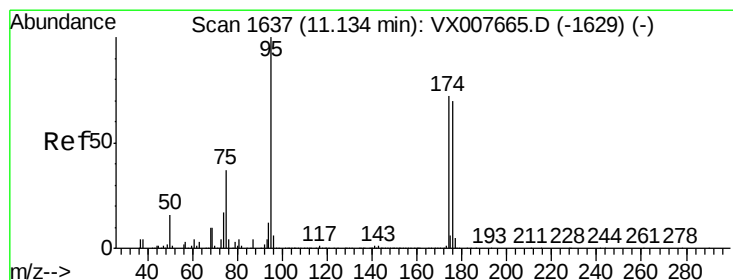
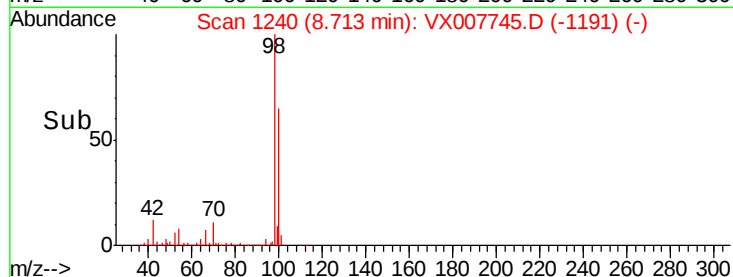
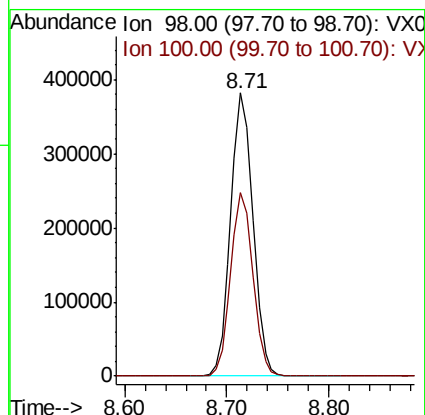
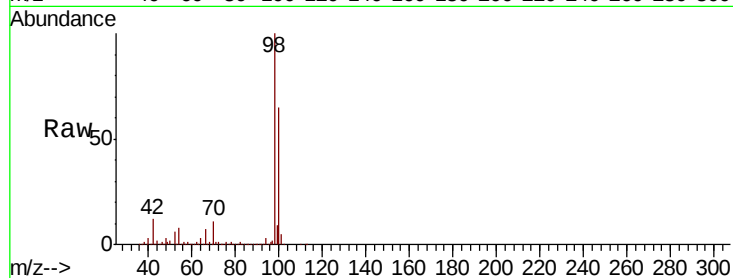




#50
Toluene-d8
Concen: 47.820 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX007745.D
Acq: 27 Feb 2019 20:17

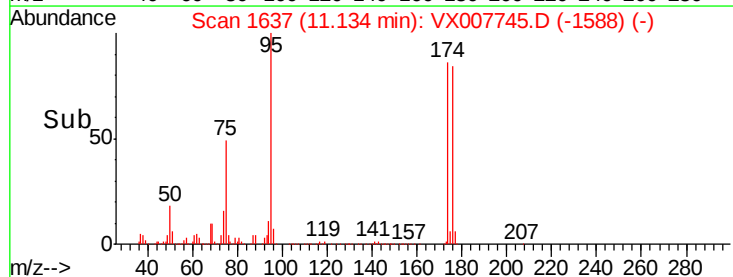
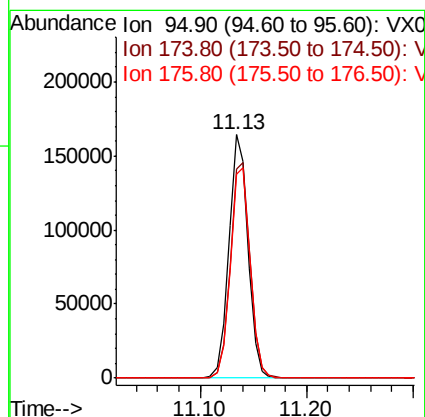
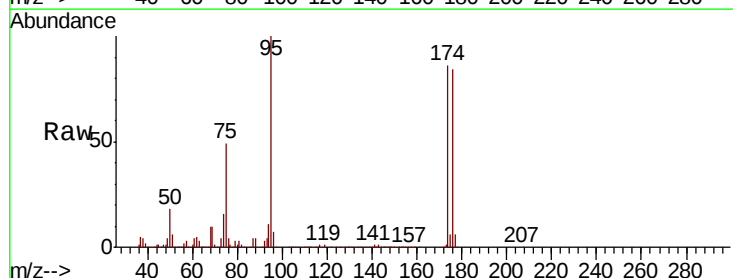
Instrument :
MSVOA_X
ClientSampleId :

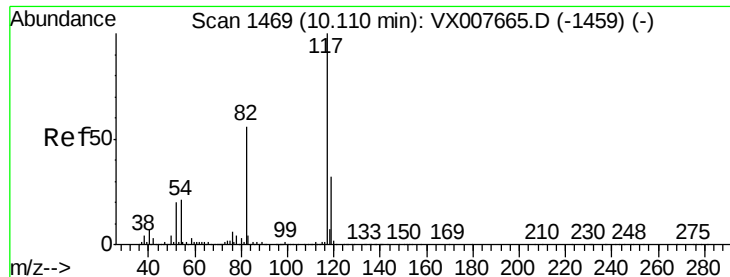
Tot Ion: 98 Resp: 579611
Ion Ratio Lower Upper
98 100
100 64.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 46.399 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007745.D
Acq: 27 Feb 2019 20:17

Tgt Ion: 95 Resp: 206420
Ion Ratio Lower Upper
95 100
174 91.8 0.0 189.2
176 89.5 0.0 186.2

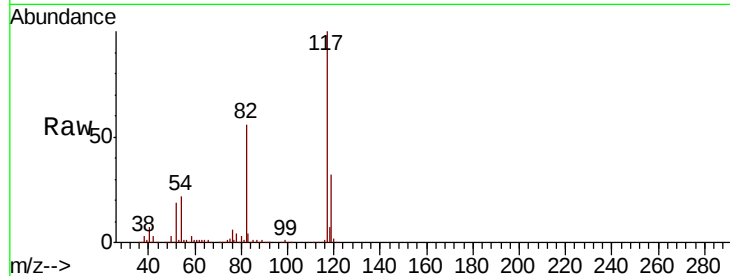




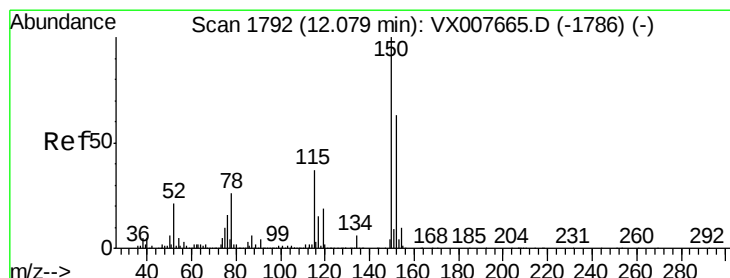
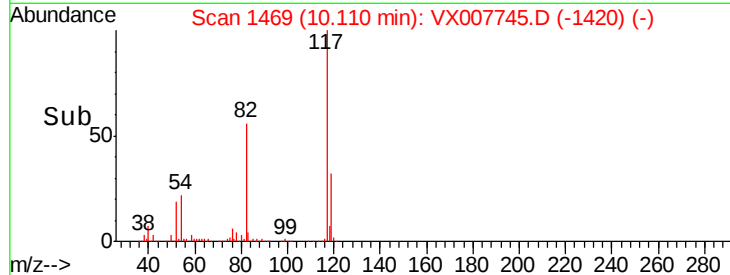
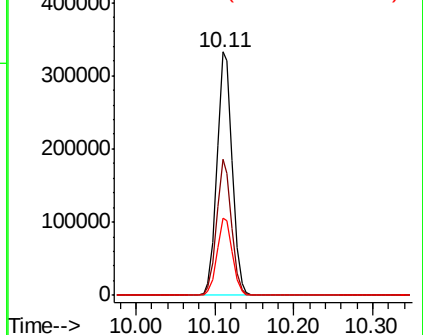
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007745.D
Acq: 27 Feb 2019 20:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 448410
Ion Ratio Lower Upper
117 100
82 55.6 42.1 63.1
119 31.6 26.5 39.7

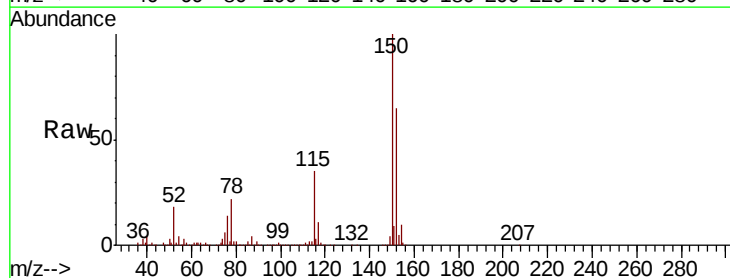


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

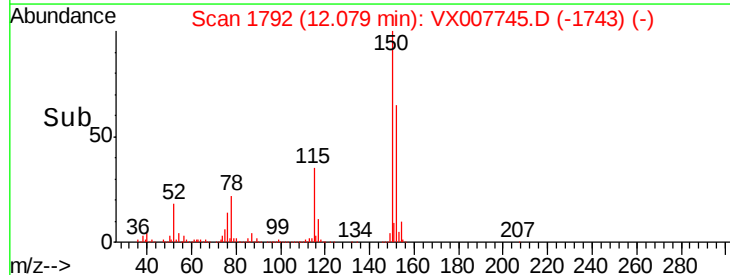
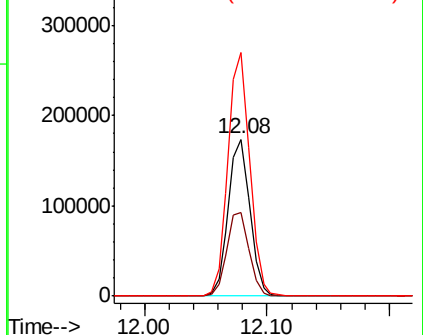


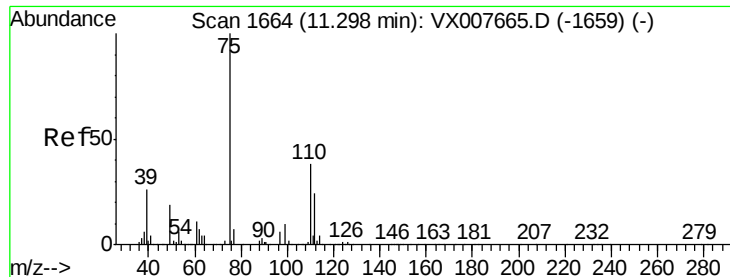
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX007745.D
Acq: 27 Feb 2019 20:17

Tgt Ion:152 Resp: 213009
Ion Ratio Lower Upper
152 100
115 55.0 38.0 114.0
150 155.3 0.0 346.4



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





#76

1,2,3-Trichloropropane

Concen: 22.199 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007745.D

Acq: 27 Feb 2019 20:17

Instrument :

MSVOA_X

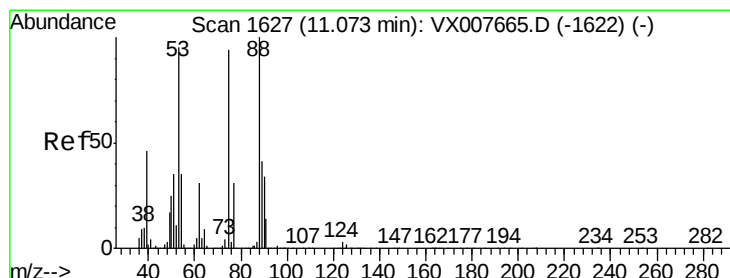
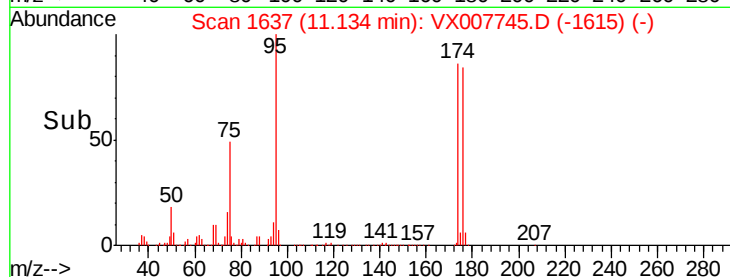
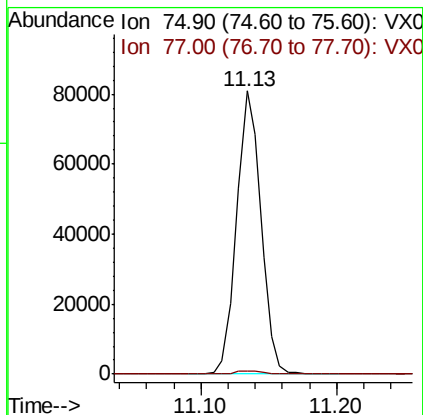
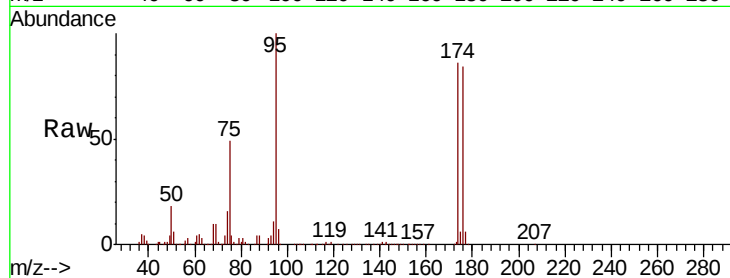
ClientSampleId :

Tot Ion: 75 Resp: 100791

Ion Ratio Lower Upper

75 100

77 1.3 23.0 69.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 58.916 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007745.D

Acq: 27 Feb 2019 20:17

Tgt Ion: 75 Resp: 100791

Ion Ratio Lower Upper

75 100

53 0.1 81.0 121.6#

89 0.0 41.4 62.0#

