

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091918\
 Data File : VX004697.D
 Acq On : 19 Sep 2018 11:17
 Operator : JC/MD
 Sample : VX0919MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 19 16:45:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	232503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	322281	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297960	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	164348	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	144531	48.21	ug/l	-0.01
Spiked Amount						
			Recovery	=	96.42%	
35) Dibromofluoromethane	5.50	113	134317	45.54	ug/l	0.00
Spiked Amount						
			Recovery	=	91.08%	
50) Toluene-d8	8.71	98	443175	44.81	ug/l	0.00
Spiked Amount						
			Recovery	=	89.62%	
62) 4-Bromofluorobenzene	11.14	95	153692	43.53	ug/l	0.00
Spiked Amount						
			Recovery	=	87.06%	

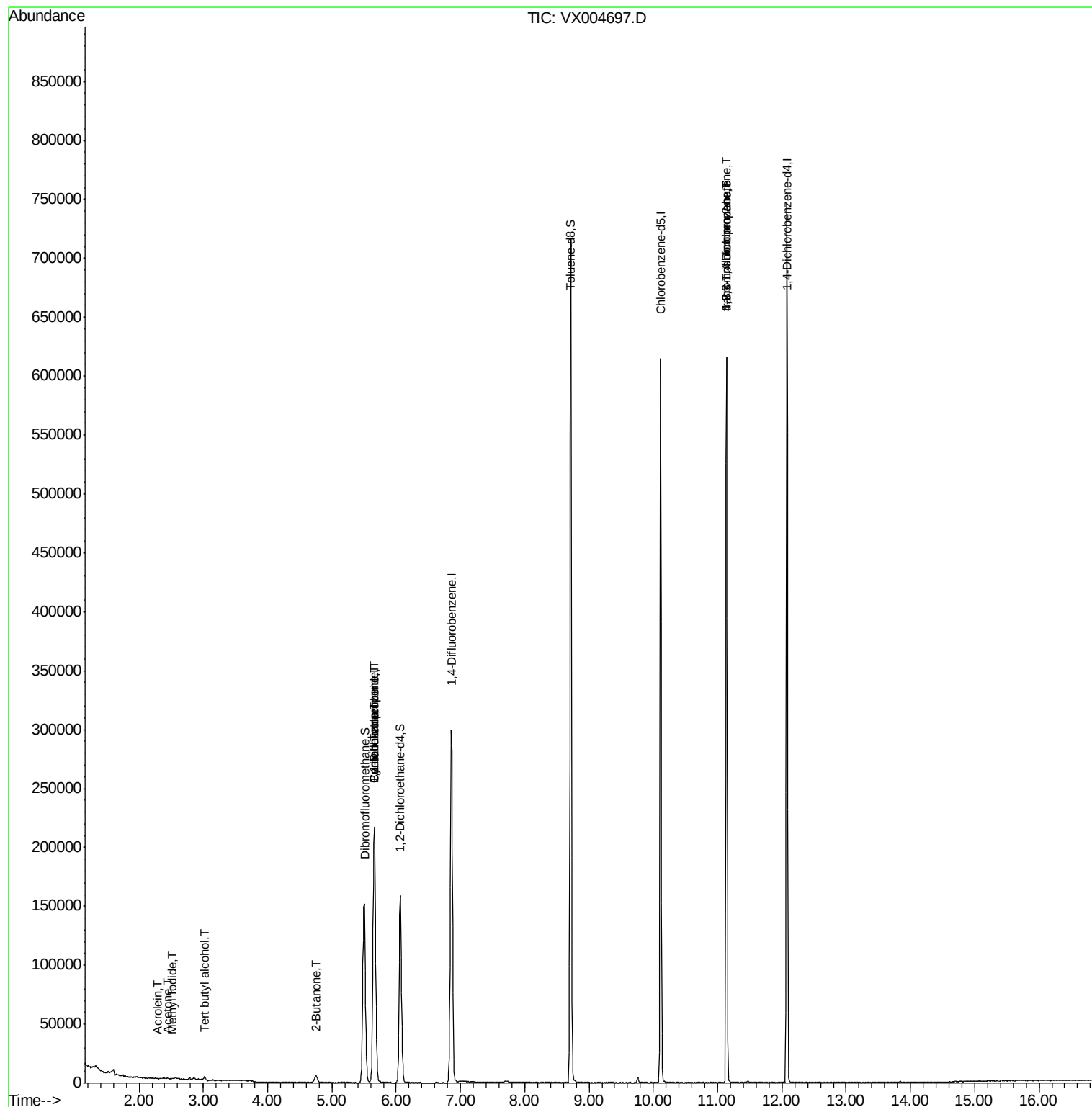
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	673	Below Cal		81
10) Methyl Iodide	2.51	142	491	4.402	ug/l #	74
11) Tert butyl alcohol	3.03	59	1933	2.702	ug/l #	72
13) Acrolein	2.29	56	134	0.475	ug/l	95
16) Acetone	2.44	43	935	0.639	ug/l	93
25) 2-Butanone	4.74	43	585	0.251	ug/l #	47
31) Cyclohexane	5.65	56	3475	0.801	ug/l #	1
36) 1,1-Dichloropropene	5.66	75	14925	3.815	ug/l #	50
38) Carbon Tetrachloride	5.66	117	21248	5.560	ug/l #	14
76) 1,2,3-Trichloropropane	11.14	75	71517	21.629	ug/l #	37
81) trans-1,4-Dichloro-2-buten	11.14	75	71517	68.942	ug/l #	10

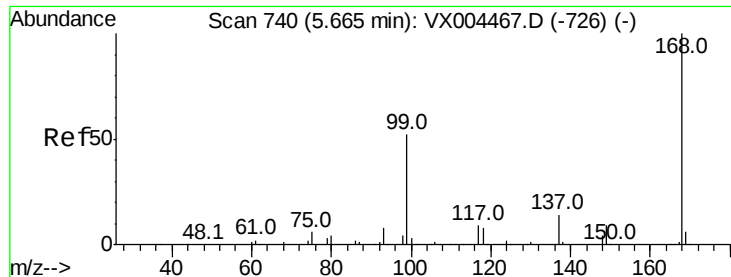
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091918\
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ClientSampleId :

Quant Time: Sep 19 16:45:58 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX004697.D

Acq: 19 Sep 2018 11:17

Instrument :

MSVOA_X

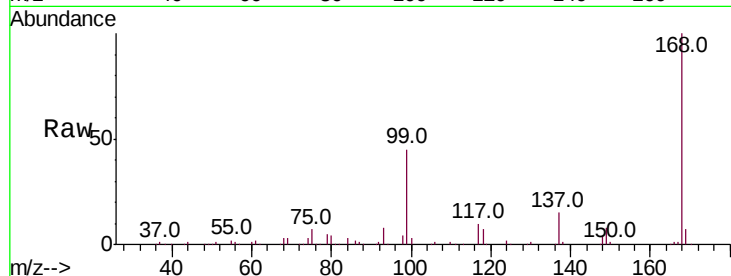
ClientSampleId :

Tot Ion:168 Resp: 232503

Ion Ratio Lower Upper

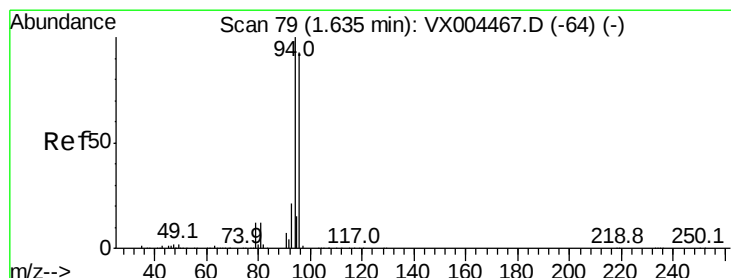
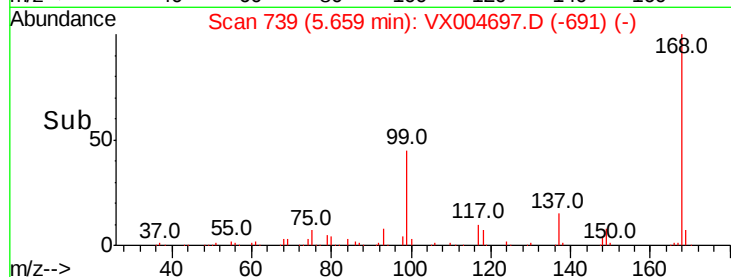
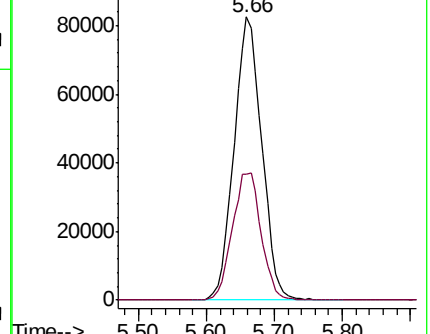
168 100

99 44.5 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 81

Delta R.T. 0.01 min

Lab File: VX004697.D

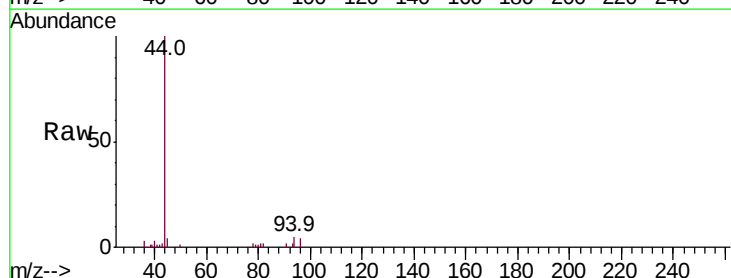
Acq: 19 Sep 2018 11:17

Tgt Ion: 94 Resp: 673

Ion Ratio Lower Upper

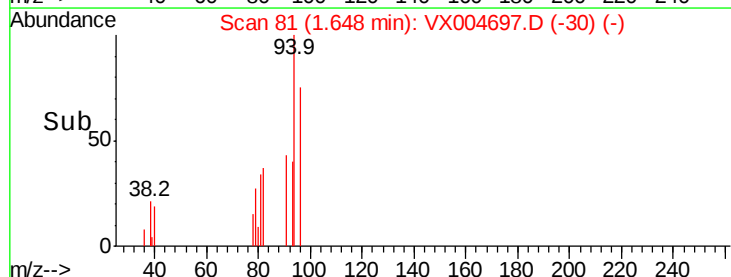
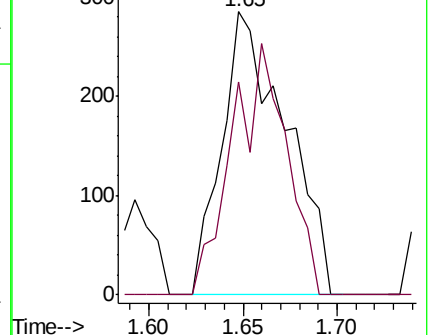
94 100

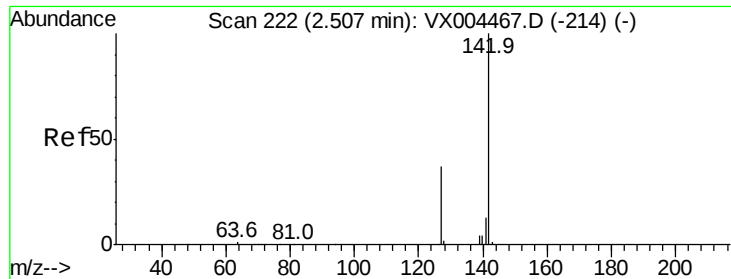
96 75.1 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

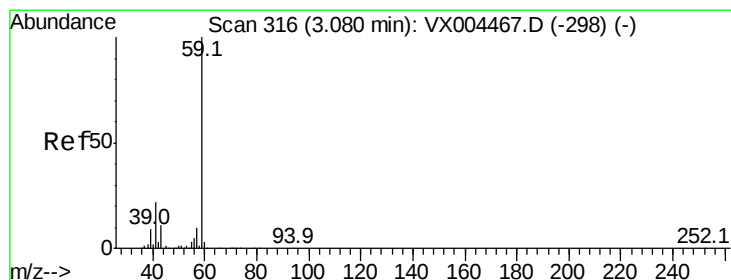
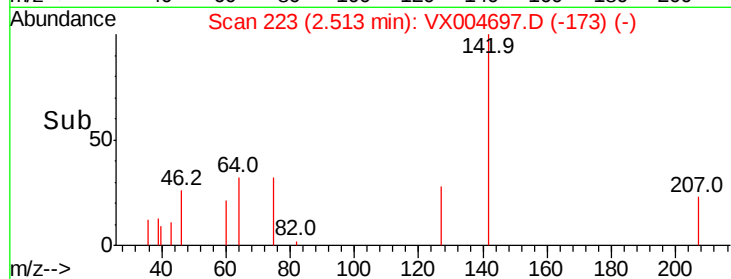
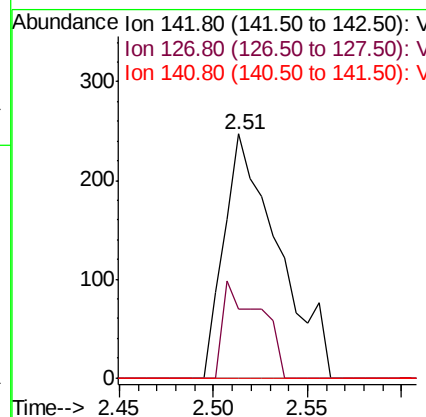
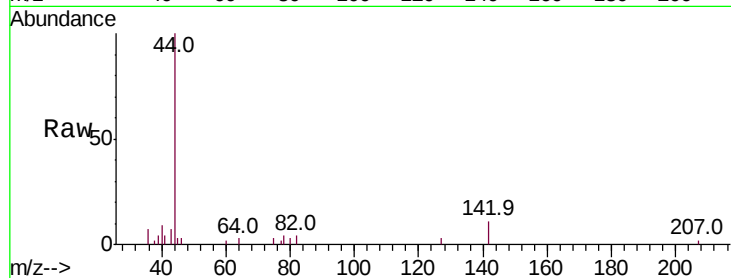




#10
Methvl Iodide
Concen: 4.402 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX004697.D
Acq: 19 Sep 2018 11:17

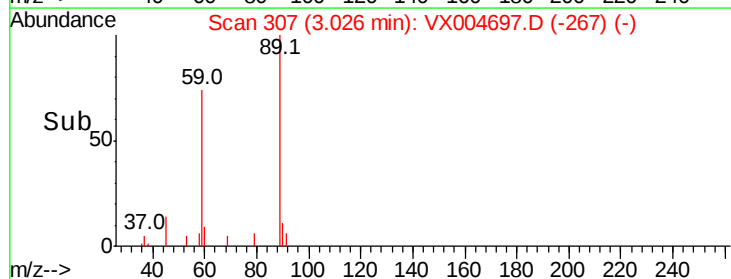
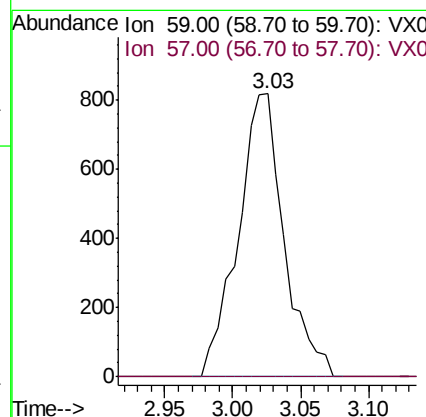
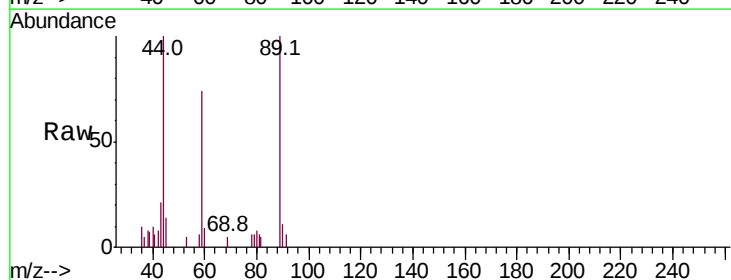
Instrument :
MSVOA_X
ClientSampleId :

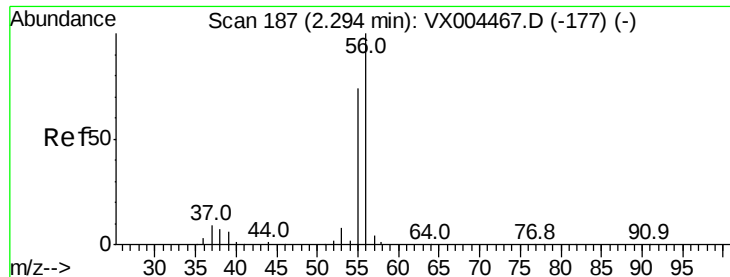
Tot Ion:142 Resp: 491
Ion Ratio Lower Upper
142 100
127 27.3 33.8 50.6#
141 0.0 11.4 17.0#



#11
Tert butyl alcohol
Concen: 2.702 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX004697.D
Acq: 19 Sep 2018 11:17

Tgt Ion: 59 Resp: 1933
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#13

Acrolein

Concen: 0.475 ug/l

RT: 2.29 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX004697.D

Acq: 19 Sep 2018 11:17

Instrument :

MSVOA_X

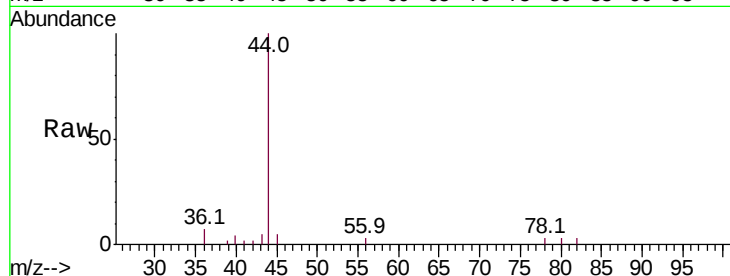
ClientSampled :

Tot Ion: 56 Resp: 134

Ion Ratio Lower Upper

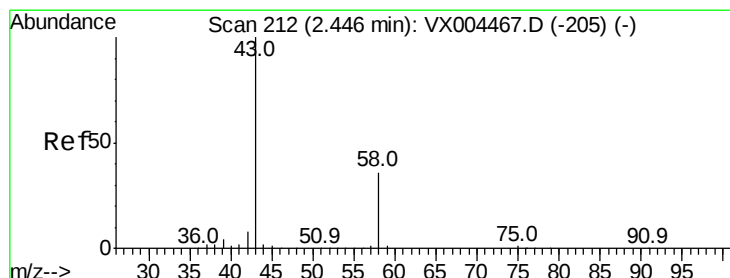
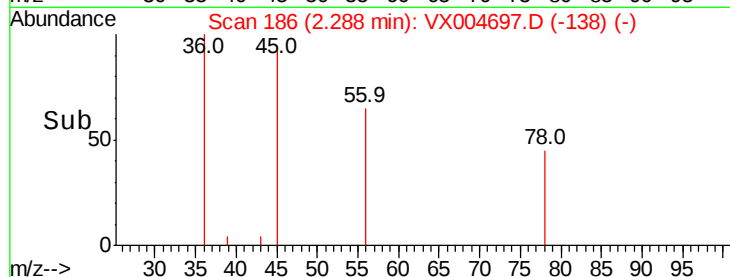
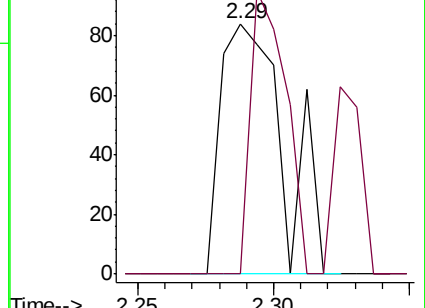
56 100

55 64.2 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 0.639 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004697.D

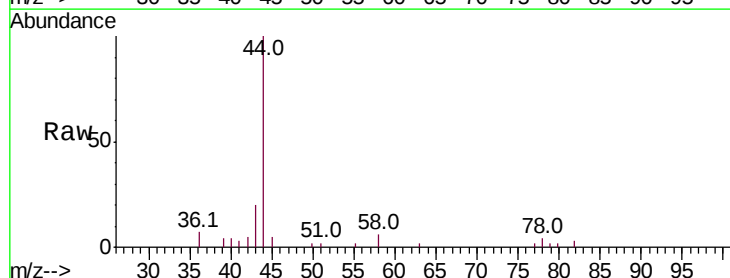
Acq: 19 Sep 2018 11:17

Tgt Ion: 43 Resp: 935

Ion Ratio Lower Upper

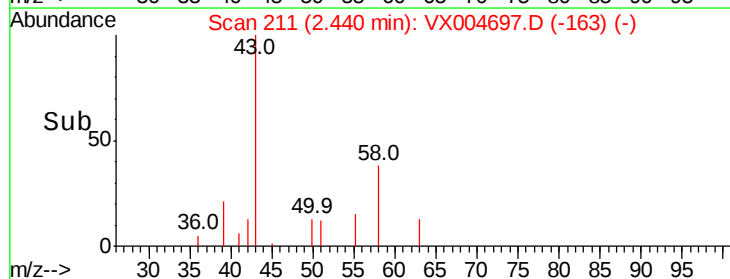
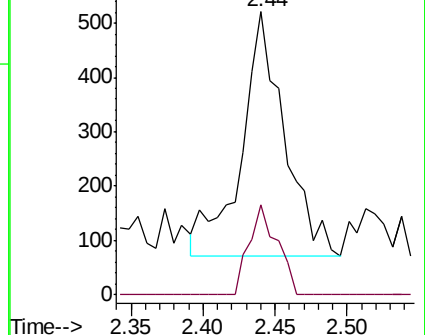
43 100

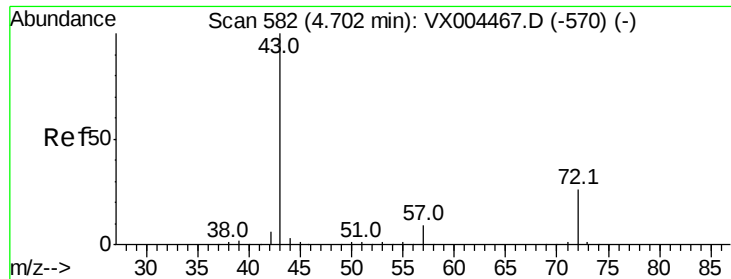
58 36.7 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#25

2-Butanone

Concen: 0.251 ug/l

RT: 4.74 min Scan# 589

Delta R.T. 0.04 min

Lab File: VX004697.D

Acq: 19 Sep 2018 11:17

Instrument :

MSVOA_X

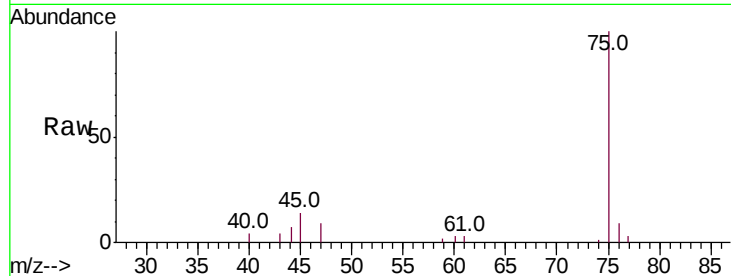
ClientSampleId :

Tot Ion: 43 Resp: 585

Ion Ratio Lower Upper

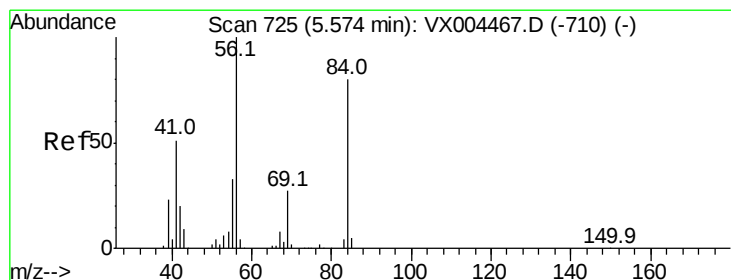
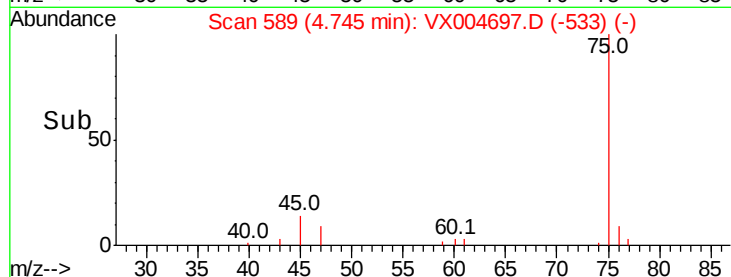
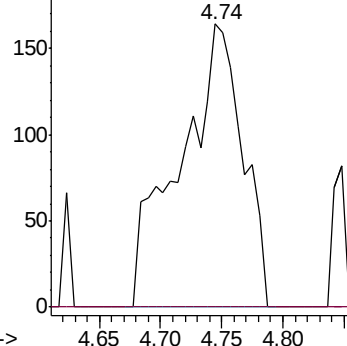
43 100

72 0.0 22.0 33.0#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#31

Cyclohexane

Concen: 0.801 ug/l

RT: 5.65 min Scan# 738

Delta R.T. 0.08 min

Lab File: VX004697.D

Acq: 19 Sep 2018 11:17

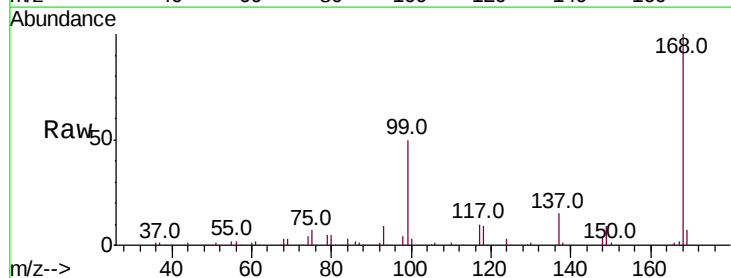
Tgt Ion: 56 Resp: 3475

Ion Ratio Lower Upper

56 100

69 188.8 25.4 38.2#

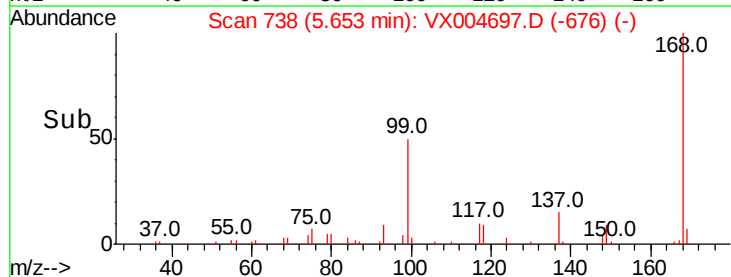
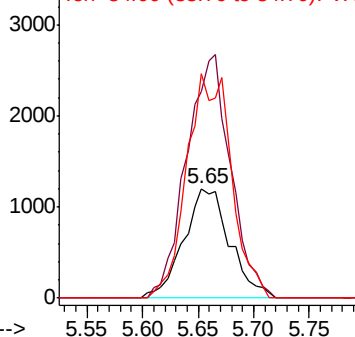
84 204.2 71.4 107.2#

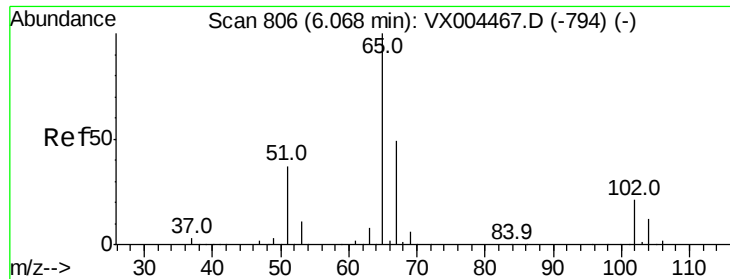


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

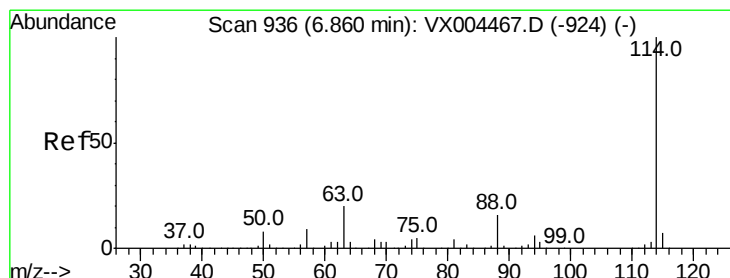
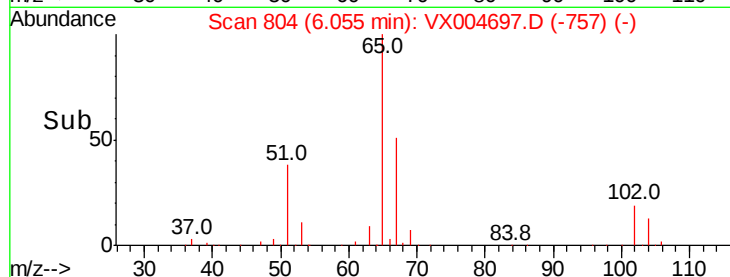
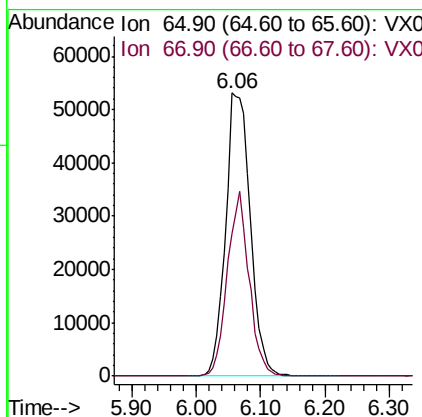
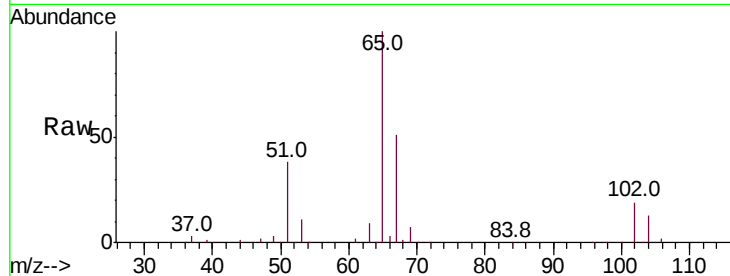




#33
 1,2-Dichloroethane-d4
 Concen: 48.211 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX004697.D
 Acq: 19 Sep 2018 11:17

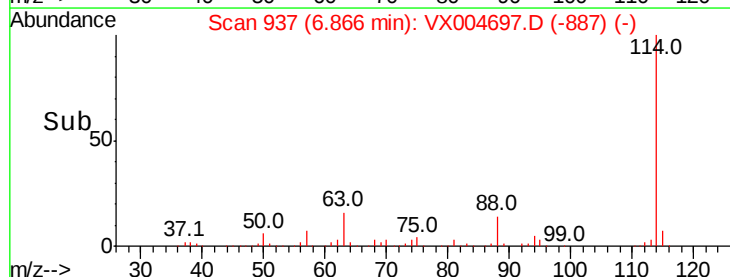
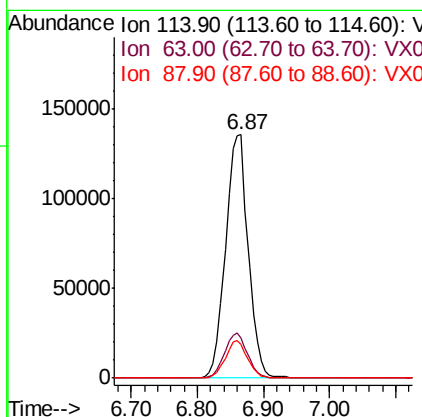
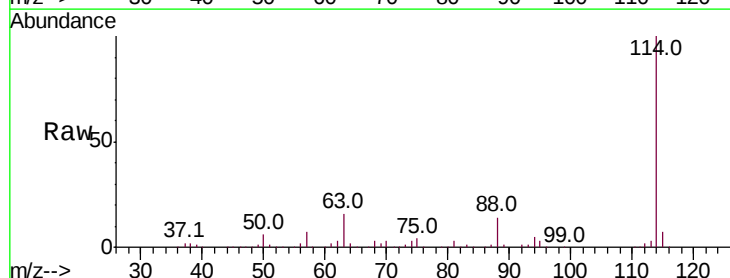
Instrument :
 MSVOA_X
 ClientSampleId :

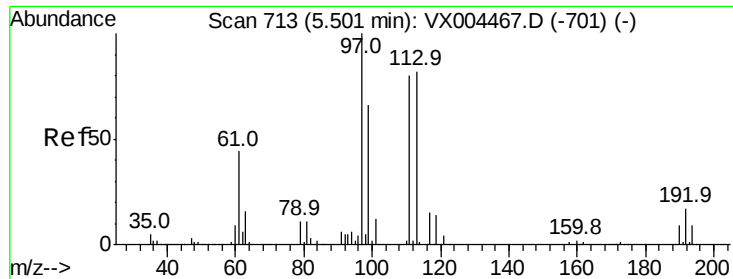
Tot Ion: 65 Resp: 144531
 Ion Ratio Lower Upper
 65 100
 67 57.1 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 937
 Delta R.T. 0.01 min
 Lab File: VX004697.D
 Acq: 19 Sep 2018 11:17

Tgt Ion:114 Resp: 322281
 Ion Ratio Lower Upper
 114 100
 63 16.3 0.0 39.0
 88 13.9 0.0 30.4

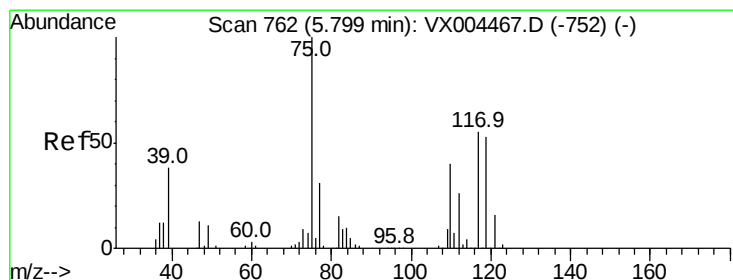
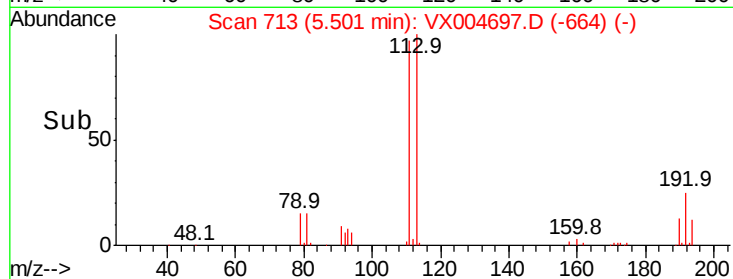
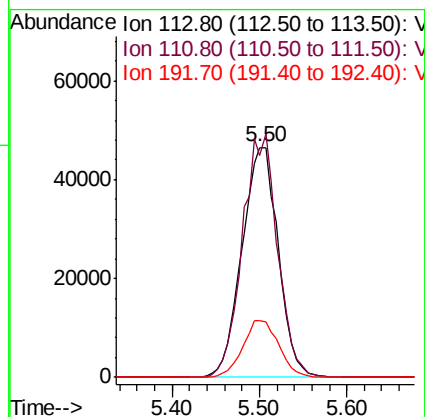
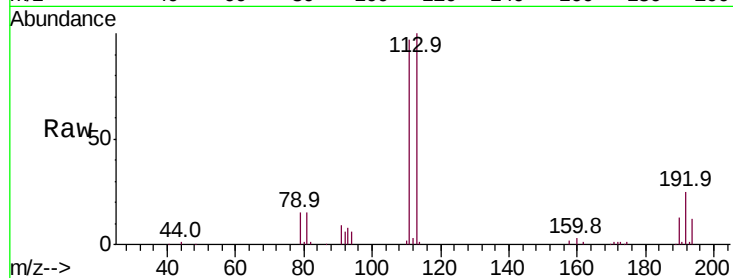




#35
 Dibromofluoromethane
 Concen: 45.544 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.00 min
 Lab File: VX004697.D
 Acq: 19 Sep 2018 11:17

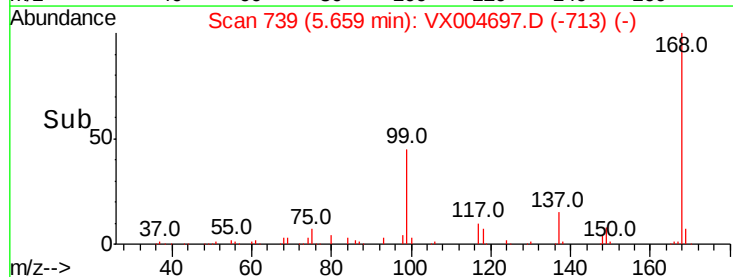
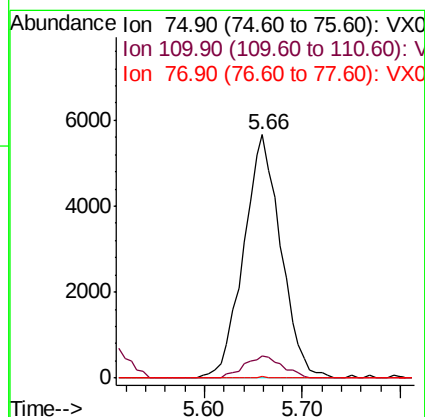
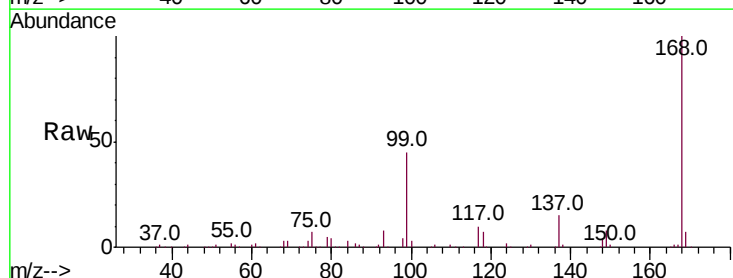
Instrument :
 MSVOA_X
 ClientSampleId :

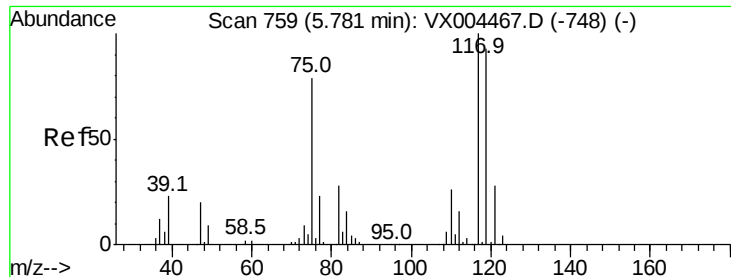
Tot Ion:113 Resp: 134317
 Ion Ratio Lower Upper
 113 100
 111 102.4 82.4 123.6
 192 24.5 19.4 29.2



#36
 1,1-Dichloropropene
 Concen: 3.815 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.14 min
 Lab File: VX004697.D
 Acq: 19 Sep 2018 11:17

Tgt Ion: 75 Resp: 14925
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.0 54.0#
 77 0.1 24.6 36.8#





#38

Carbon Tetrachloride

Concen: 5.560 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX004697.D

Acq: 19 Sep 2018 11:17

Instrument :

MSVOA_X

ClientSampled :

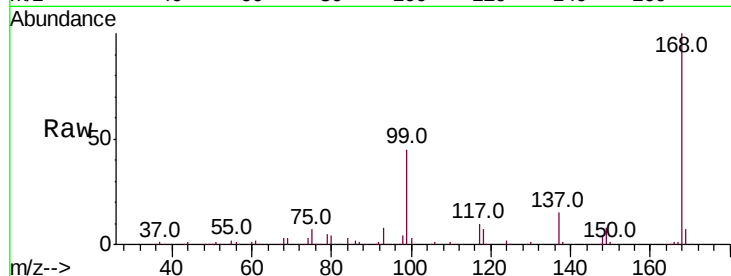
Tot Ion:117 Resp: 21248

Ion Ratio Lower Upper

117 100

119 4.3 78.8 118.2#

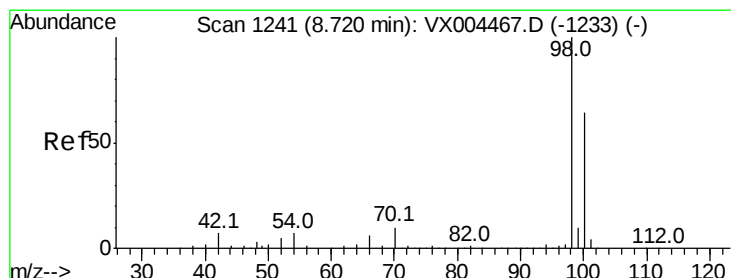
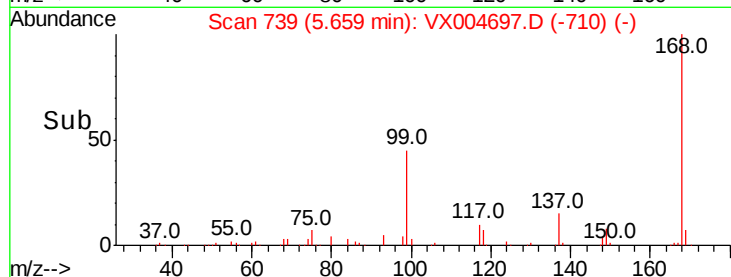
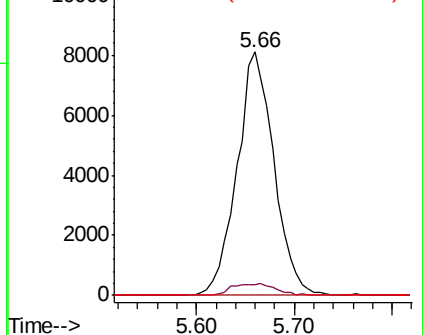
121 0.0 24.9 37.3#



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: 44.810 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.01 min

Lab File: VX004697.D

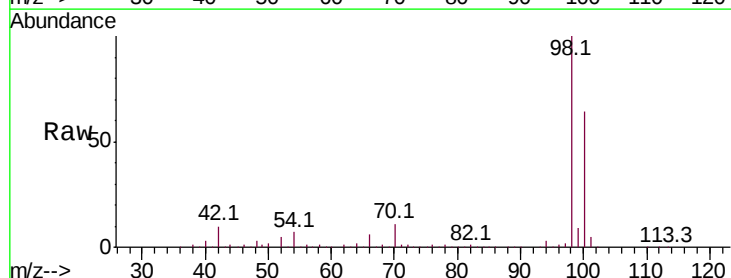
Acq: 19 Sep 2018 11:17

Tgt Ion: 98 Resp: 443175

Ion Ratio Lower Upper

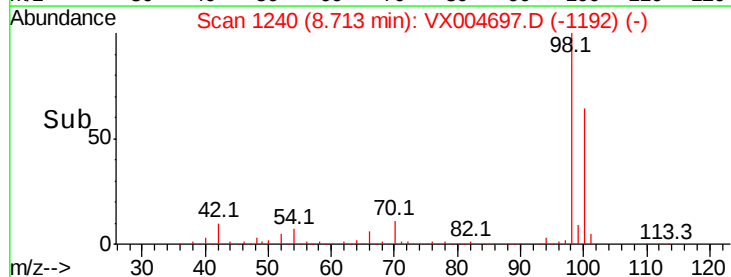
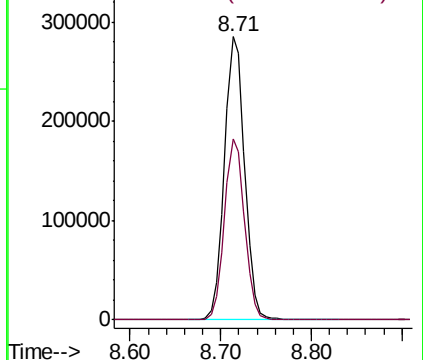
98 100

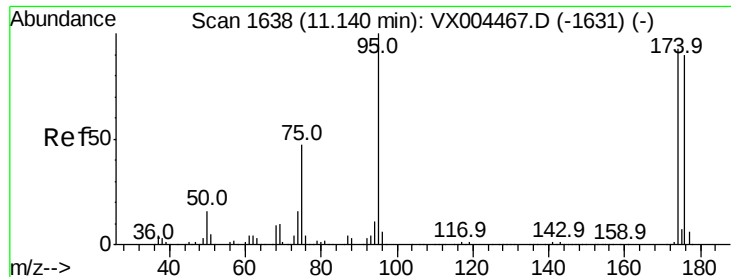
100 63.6 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

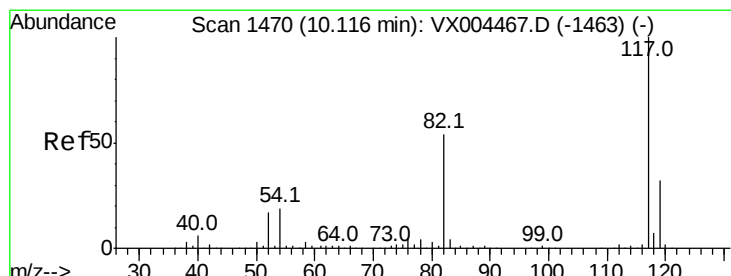
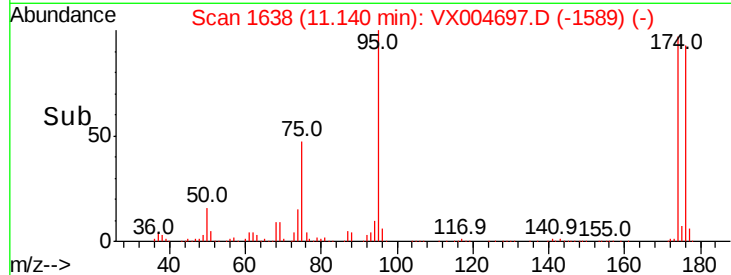
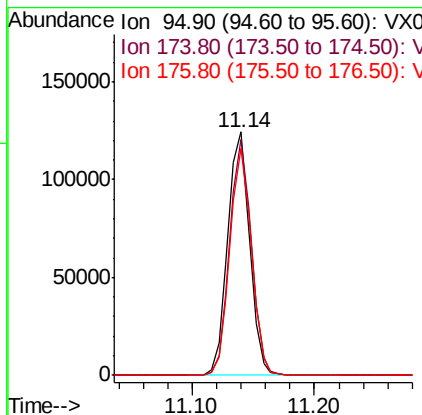
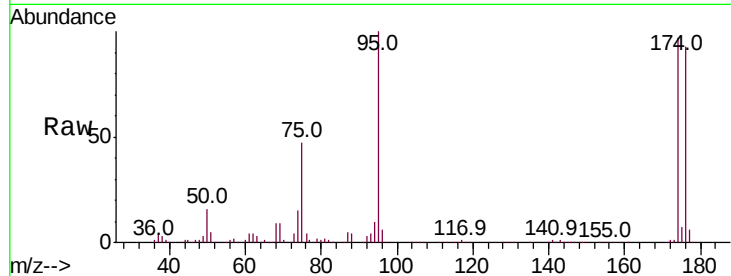




#62
 4-Bromofluorobenzene
 Concen: 43.535 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.00 min
 Lab File: VX004697.D
 Acq: 19 Sep 2018 11:17

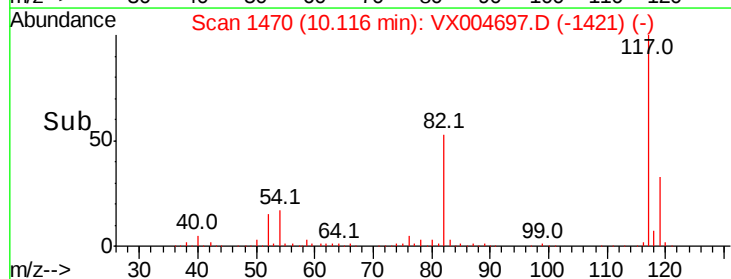
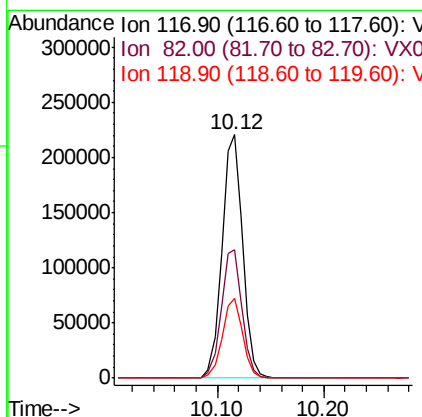
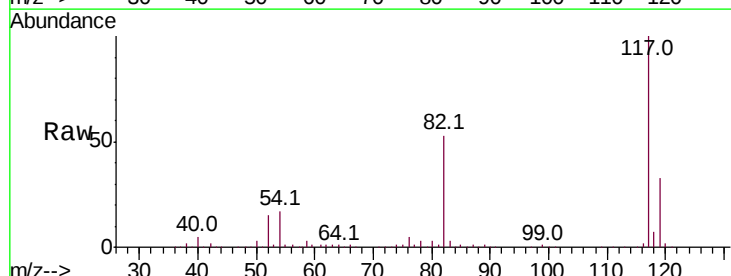
Instrument :
 MSVOA_X
 ClientSampleId :

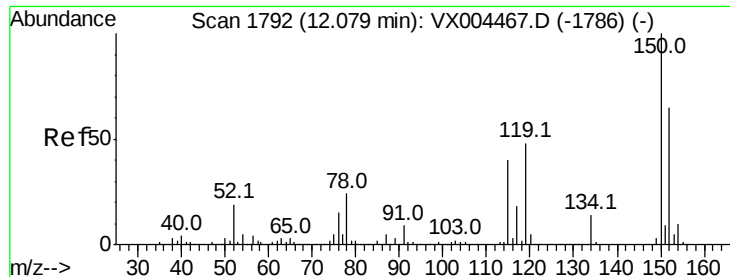
Tot Ion	Ratio	Lower	Upper
95	100		
174	95.9	0.0	185.2
176	92.0	0.0	178.6



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.12 min Scan# 1470
 Delta R.T. 0.00 min
 Lab File: VX004697.D
 Acq: 19 Sep 2018 11:17

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.6	47.8	71.6
119	32.9	29.3	43.9



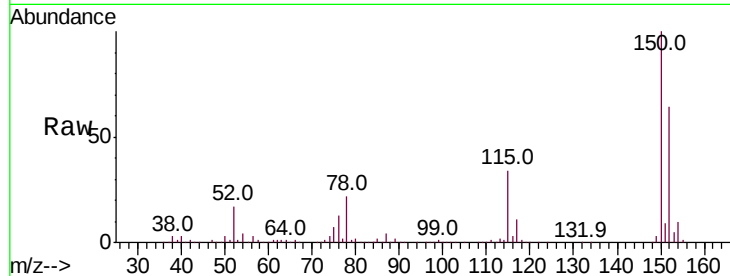


#72

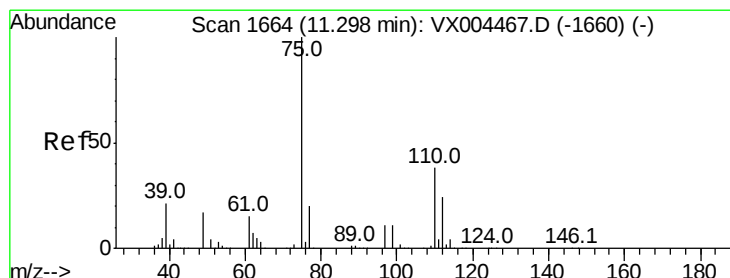
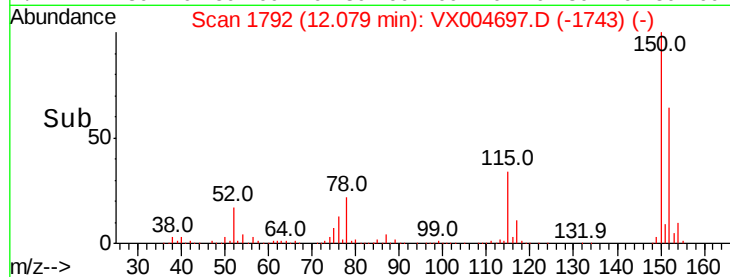
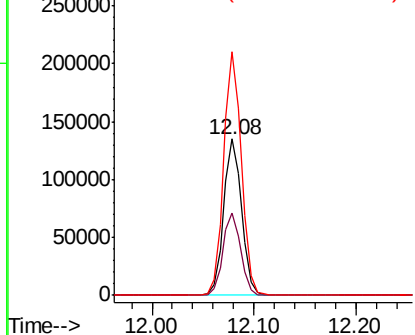
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004697.D
Acq: 19 Sep 2018 11:17

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:152 Resp: 164348
Ion Ratio Lower Upper
152 100
115 52.8 39.0 117.0
150 154.8 0.0 351.0



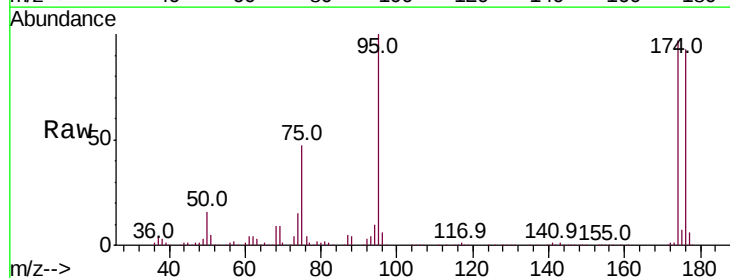
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



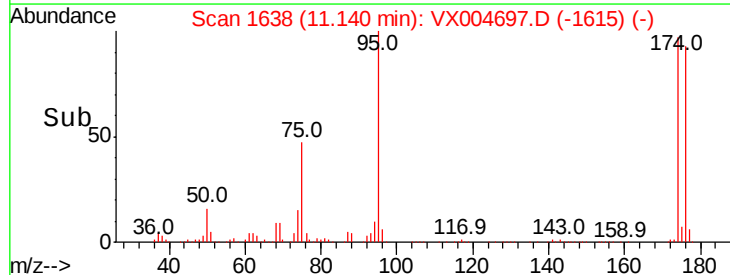
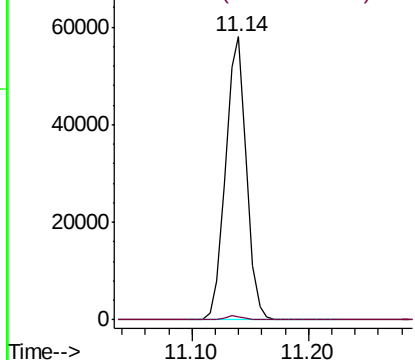
#76

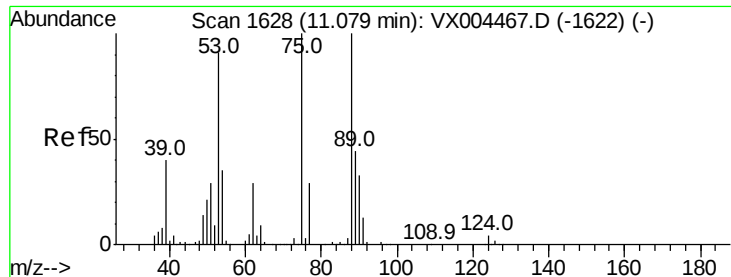
1,2,3-Trichloropropane
Concen: 21.629 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.16 min
Lab File: VX004697.D
Acq: 19 Sep 2018 11:17

Tgt Ion: 75 Resp: 71517
Ion Ratio Lower Upper
75 100
77 1.3 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 68.942 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.06 min

Lab File: VX004697.D

Acq: 19 Sep 2018 11:17

Instrument :

MSVOA_X

ClientSampleId :

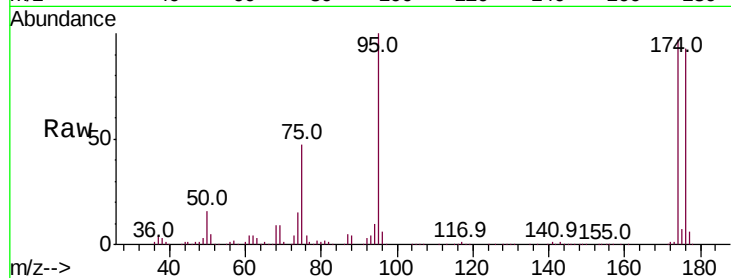
Tot Ion: 75 Resp: 71517

Ion Ratio Lower Upper

75 100

53 0.2 80.1 120.1#

89 0.0 37.2 55.8#



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

