

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090319\
 Data File : VX012036.D
 Acq On : 03 Sep 2019 21:46
 Operator : SY/SP
 Sample : K4546-05
 Misc : 4.66g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-C3-(0)

Quant Time: Sep 04 04:05:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	162830	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	287298	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	226266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	77200	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	106818	47.54	ug/l	0.00
Spiked Amount			Recovery	=	95.08%	
35) Dibromofluoromethane	5.48	113	85023	48.12	ug/l	0.00
Spiked Amount			Recovery	=	96.24%	
50) Toluene-d8	8.71	98	330502	50.98	ug/l	0.00
Spiked Amount			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.14	95	112027	37.15	ug/l	0.00
Spiked Amount			Recovery	=	74.30%	

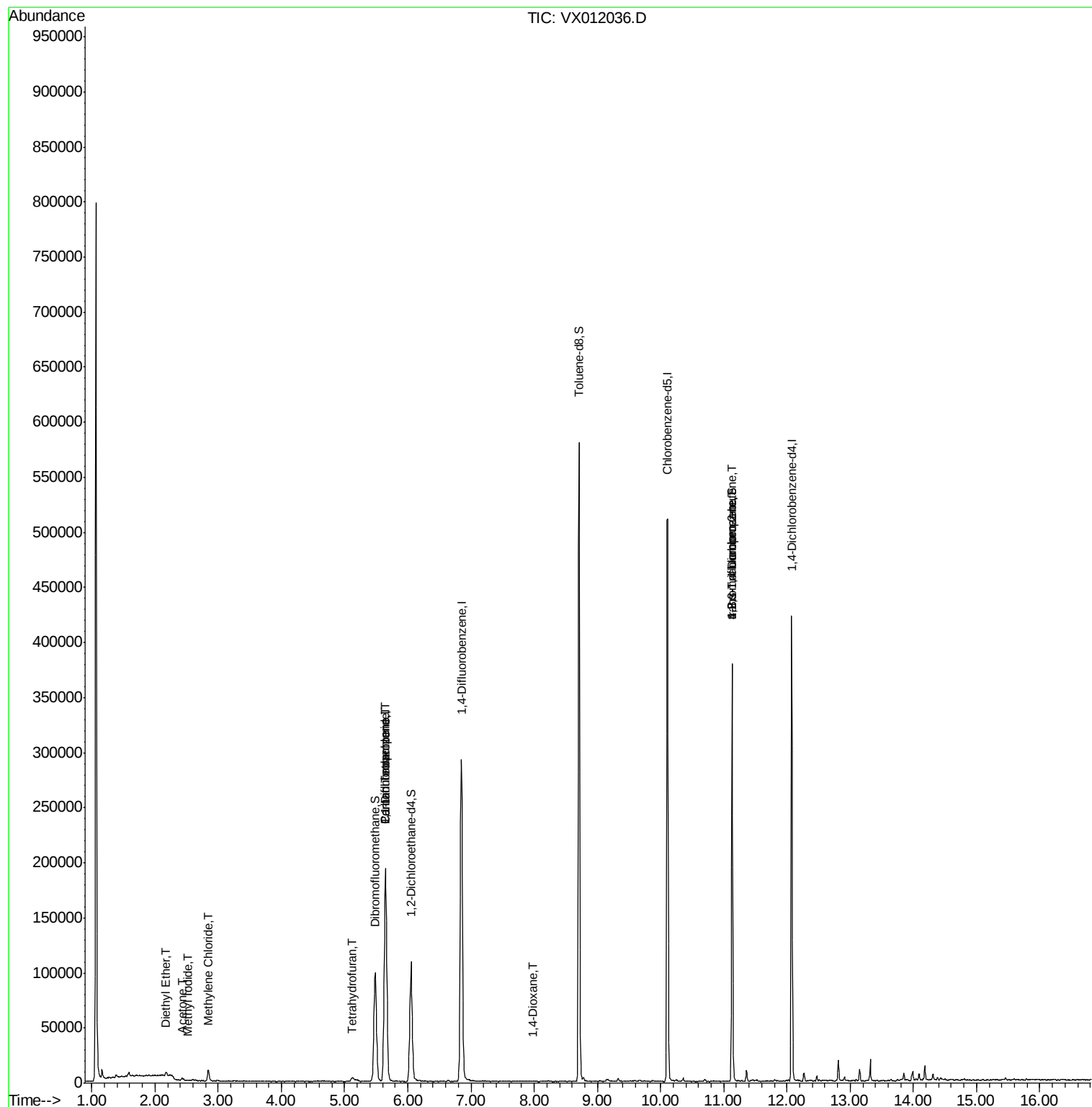
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.17	74	1023	1.317	ug/l	90
10) Methyl Iodide	2.52	142	87	7.033	ug/l #	69
13) Acrolein	2.27	56	109	Below Cal	#	12
16) Acetone	2.43	43	2010	3.743	ug/l	90
20) Methylene Chloride	2.84	84	5119	2.374	ug/l	96
29) Tetrahydrofuran	5.13	42	3126	7.590	ug/l	91
36) 1,1-Dichloropropene	5.65	75	14878	5.880	ug/l #	49
38) Carbon Tetrachloride	5.65	117	19163	7.187	ug/l #	15
49) 1,4-Dioxane	7.98	88	28	1.460	ug/l #	62
76) 1,2,3-Trichloropropane	11.14	75	56552	59.953	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.14	75	56552	141.739	ug/l #	10

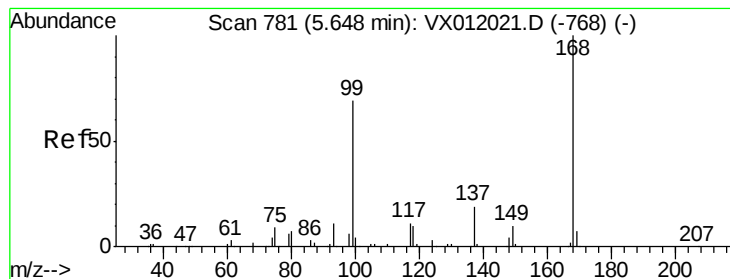
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090319\
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Quant Time: Sep 04 04:05:36 2019
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Quant Title : SW846 8260
QLast Update : Tue Sep 03 15:26:48 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012036.D

Acq: 03 Sep 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

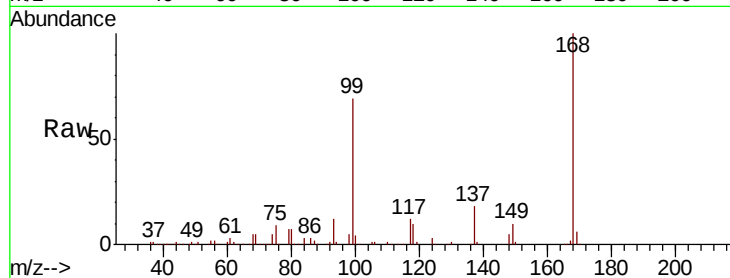
T3-S-C3-(0)

Tgt Ion:168 Resp: 162830

Ion Ratio Lower Upper

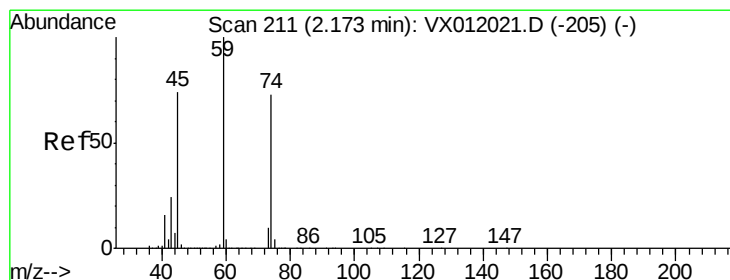
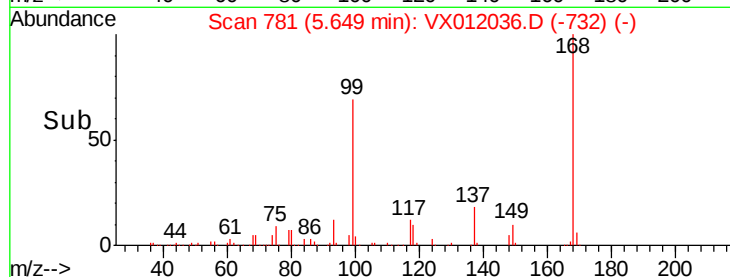
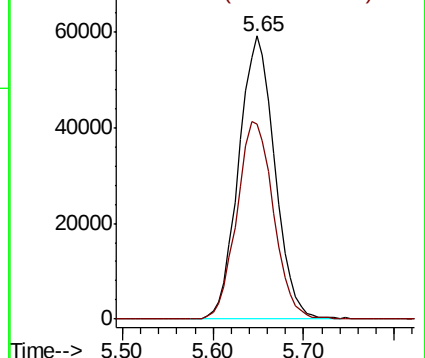
168 100

99 68.7 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#8

Diethyl Ether

Concen: 1.317 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX012036.D

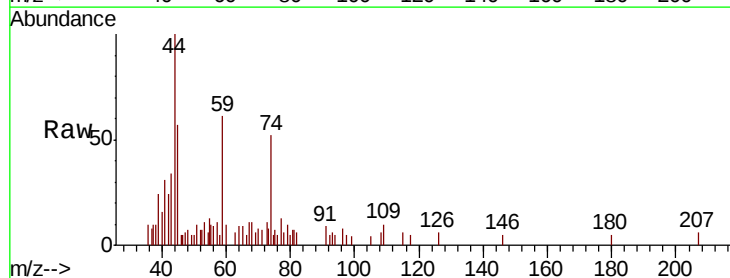
Acq: 03 Sep 2019 21:46

Tgt Ion: 74 Resp: 1023

Ion Ratio Lower Upper

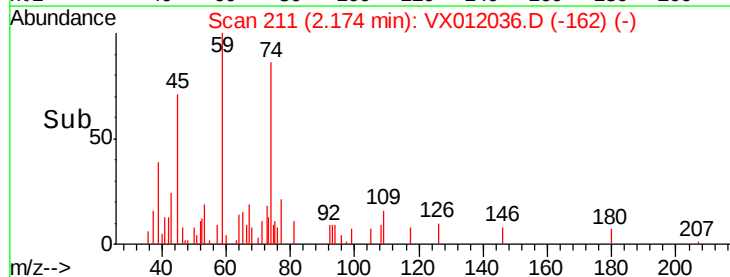
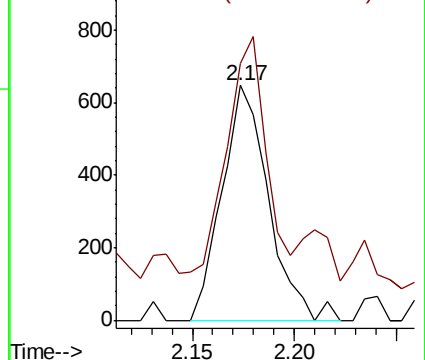
74 100

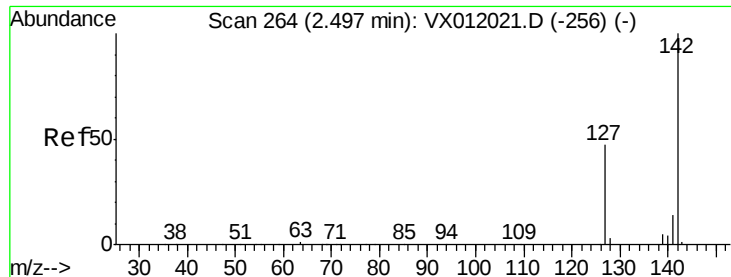
45 82.4 45.9 137.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

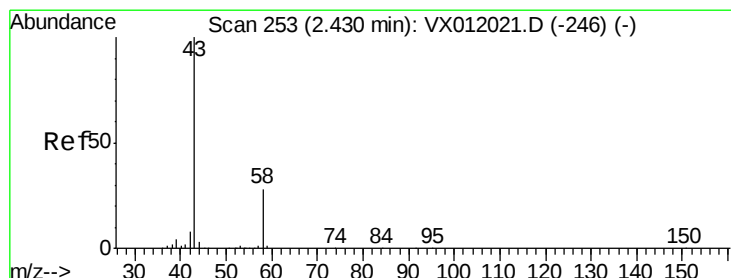
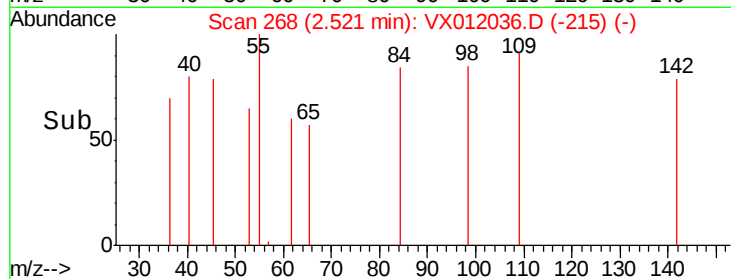
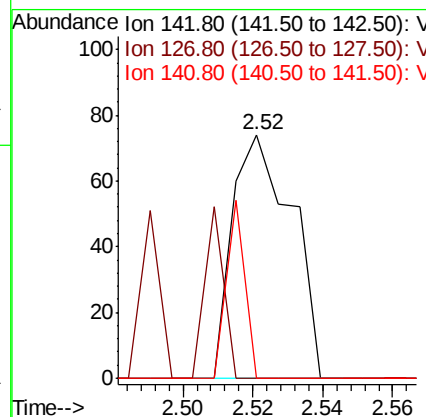
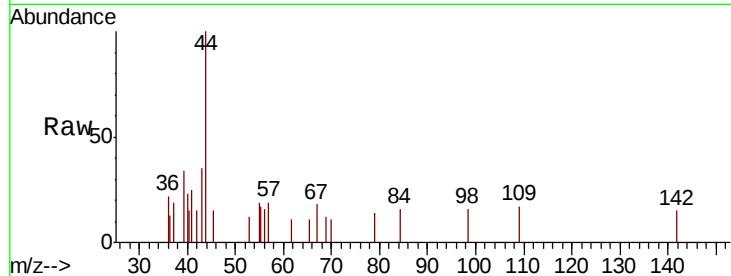




#10
Methyl Iodide
Concen: 7.033 ug/l
RT: 2.52 min Scan# 268
Delta R.T. 0.03 min
Lab File: VX012036.D
Acq: 03 Sep 2019 21:46

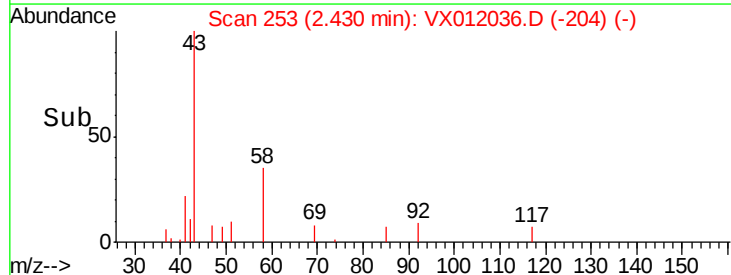
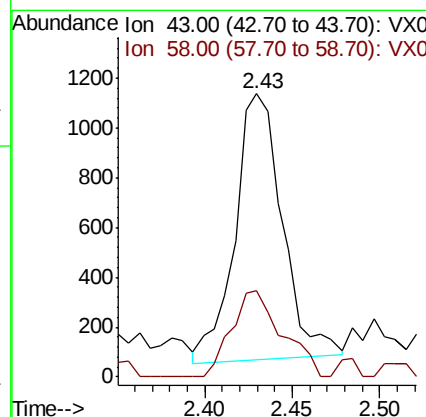
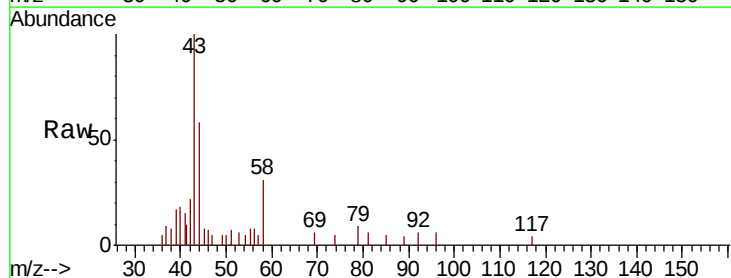
Instrument :
MSVOA_X
ClientSampled :
T3-S-C3-(0)

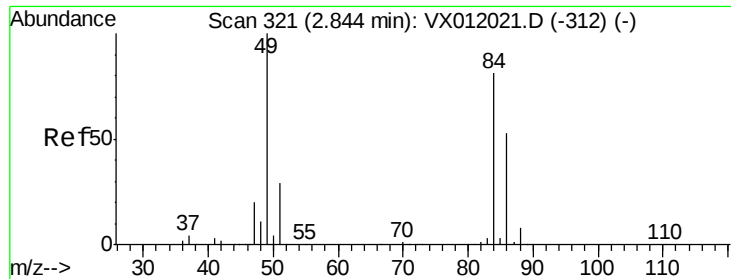
Tgt Ion	Ratio	Lower	Upper
142	100		
127	21.8	35.4	53.2#
141	23.0	11.4	17.2#



#16
Acetone
Concen: 3.743 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012036.D
Acq: 03 Sep 2019 21:46

Tgt Ion	Ratio	Lower	Upper
43	100		
58	33.6	22.8	34.2

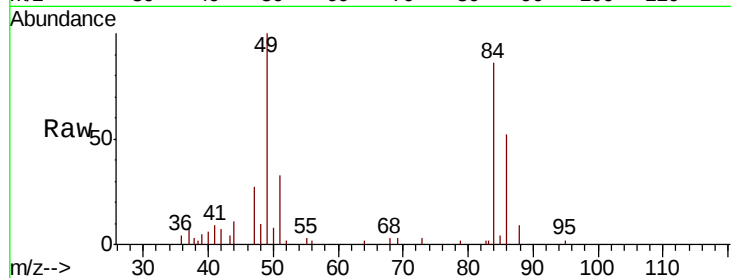




#20
Methylene Chloride
Concen: 2.374 ug/l
RT: 2.84 min Scan# 320
Delta R.T. -0.01 min
Lab File: VX012036.D
Acq: 03 Sep 2019 21:46

Instrument :
MSVOA_X
ClientSampled :
T3-S-C3-(0)

Tgt Ion:	84	Resp:	5119
Ion	Ratio	Lower	Upper
84	100		
49	116.0	95.8	143.8
51	38.1	28.6	43.0
86	60.8	50.9	76.3



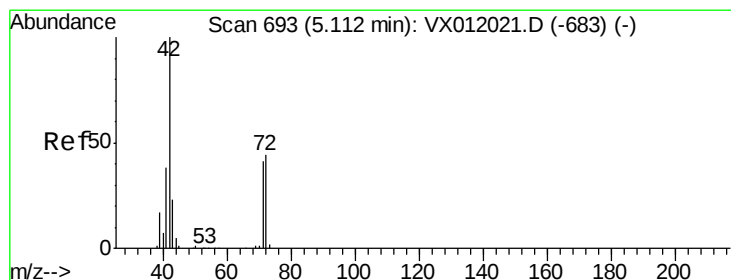
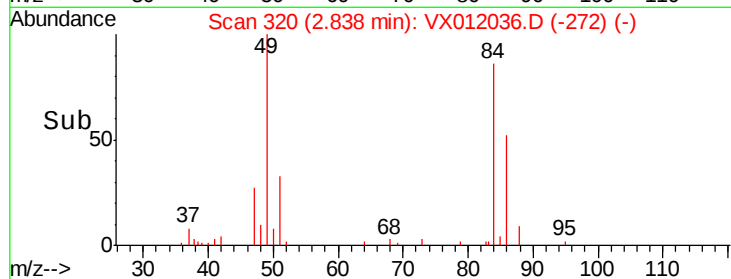
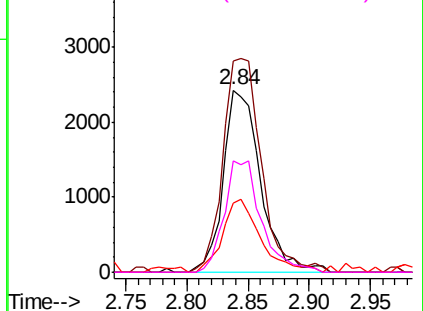
Abundance

Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

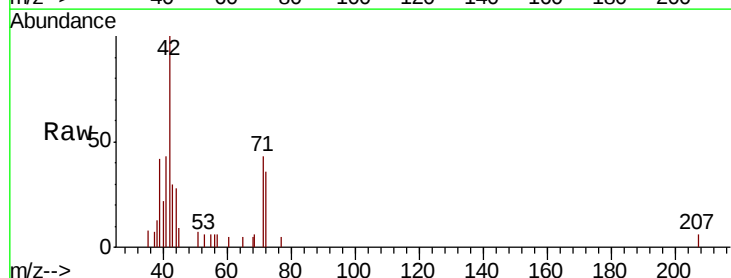
Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#29
Tetrahydrofuran
Concen: 7.590 ug/l
RT: 5.13 min Scan# 696
Delta R.T. 0.02 min
Lab File: VX012036.D
Acq: 03 Sep 2019 21:46

Tgt Ion:	42	Resp:	3126
Ion	Ratio	Lower	Upper
42	100		
72	52.4	37.0	55.4
71	47.3	33.8	50.8

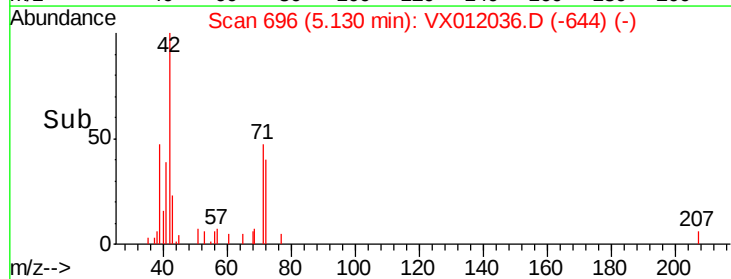
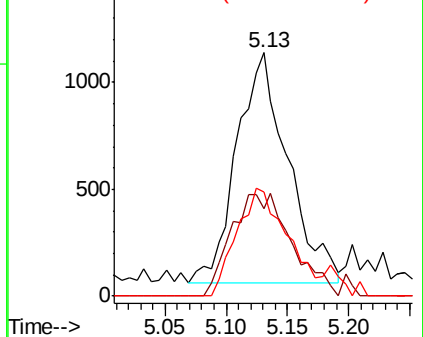


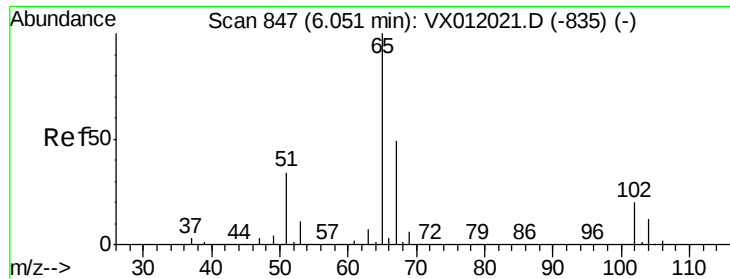
Abundance

Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.544 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012036.D

Acq: 03 Sep 2019 21:46

Instrument :

MSVOA_X

ClientSampleId :

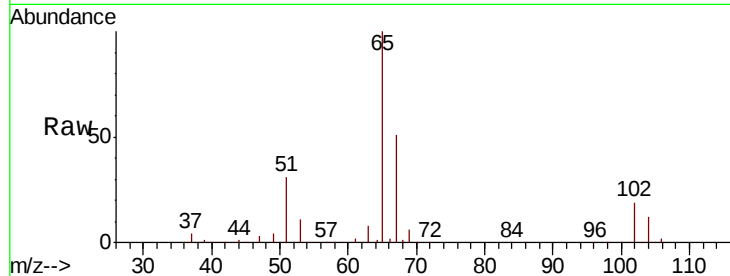
T3-S-C3-(0)

Tgt Ion: 65 Resp: 106818

Ion Ratio Lower Upper

65 100

67 50.7 0.0 102.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

40000

30000

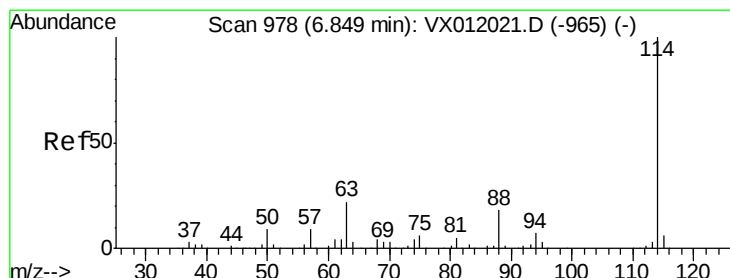
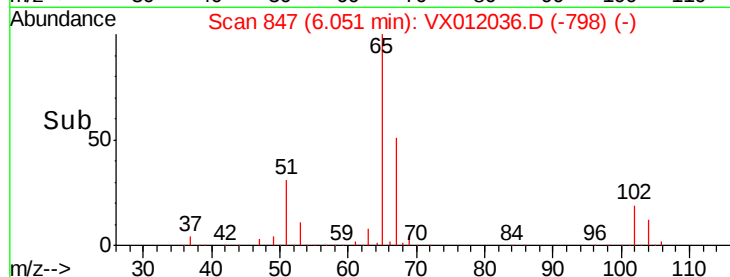
20000

10000

0

5.90 6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012036.D

Acq: 03 Sep 2019 21:46

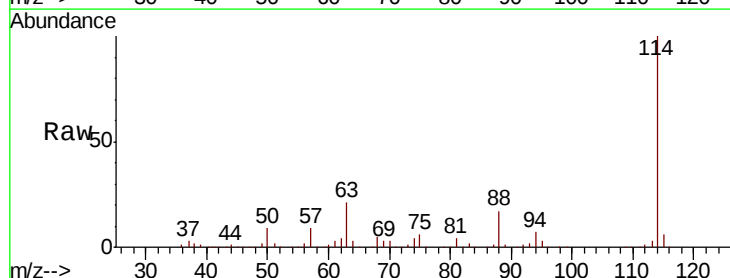
Tgt Ion: 114 Resp: 287298

Ion Ratio Lower Upper

114 100

63 21.3 0.0 37.4

88 17.2 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

6.85

150000

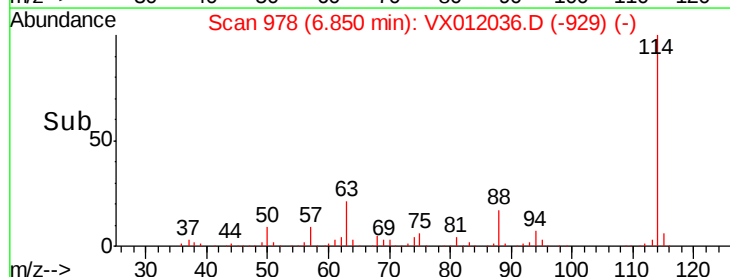
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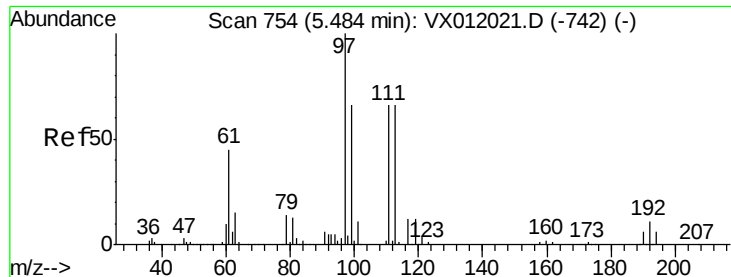
50000

0

6.70 6.80 6.90 7.00

Time-->

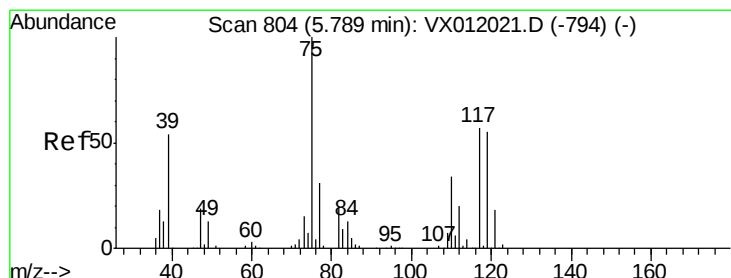
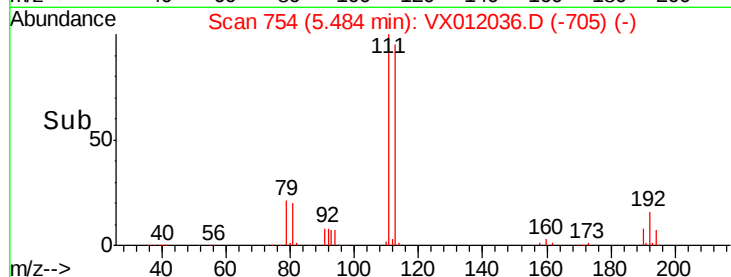
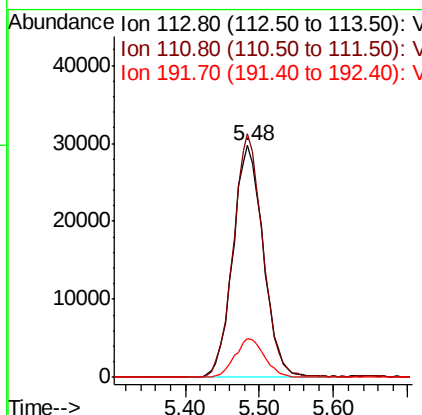
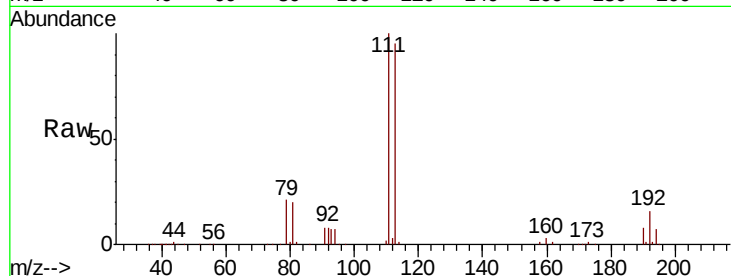




#35
 Dibromofluoromethane
 Concen: 48.123 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012036.D
 Acq: 03 Sep 2019 21:46

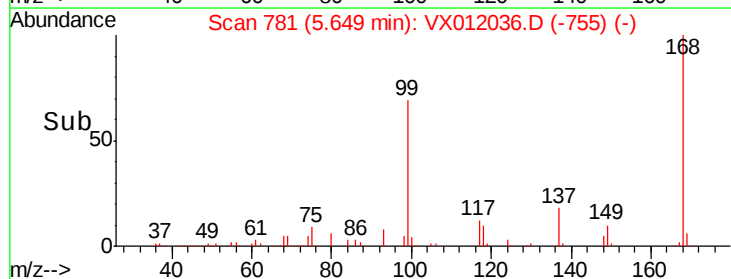
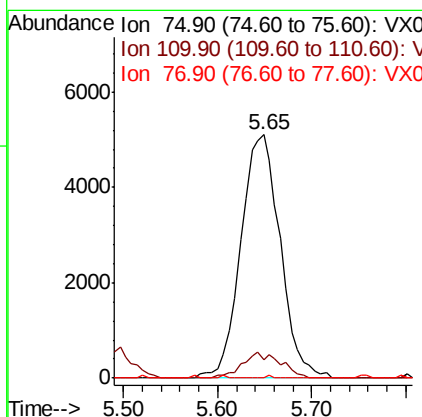
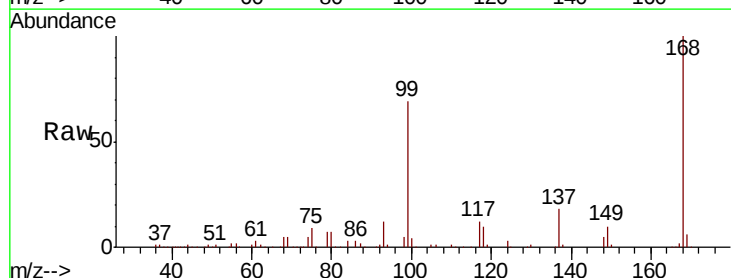
Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-C3-(0)

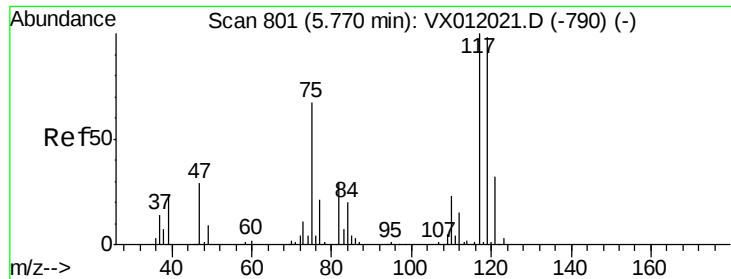
Tgt Ion: 113 Resp: 85023
 Ion Ratio Lower Upper
 113 100
 111 102.7 81.7 122.5
 192 16.4 22.5 33.7#



#36
 1,1-Dichloropropene
 Concen: 5.880 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012036.D
 Acq: 03 Sep 2019 21:46

Tgt Ion: 75 Resp: 14878
 Ion Ratio Lower Upper
 75 100
 110 10.2 19.5 58.5#
 77 0.2 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 7.187 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.12 min

Lab File: VX012036.D

Acq: 03 Sep 2019 21:46

Instrument :

MSVOA_X

ClientSampled :

T3-S-C3-(0)

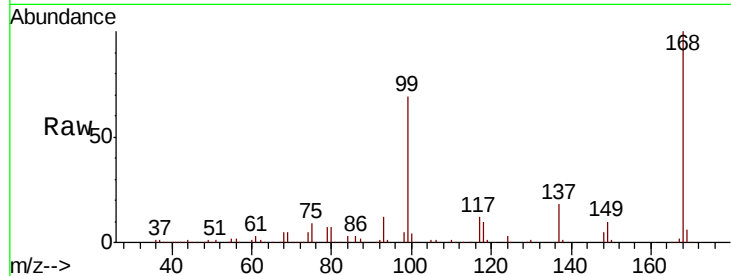
Tgt Ion:117 Resp: 19163

Ion Ratio Lower Upper

117 100

119 5.1 78.3 117.5#

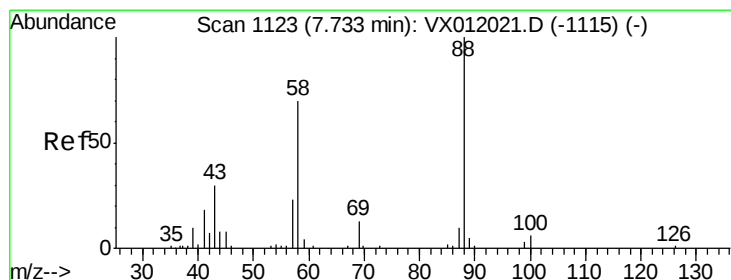
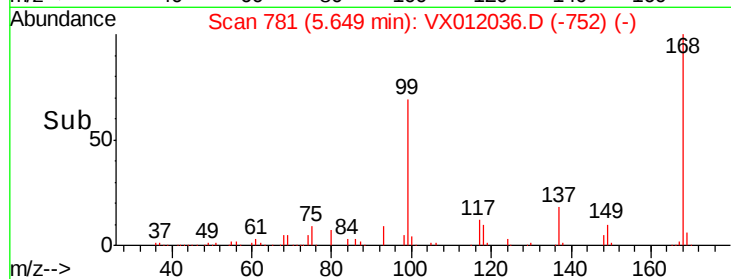
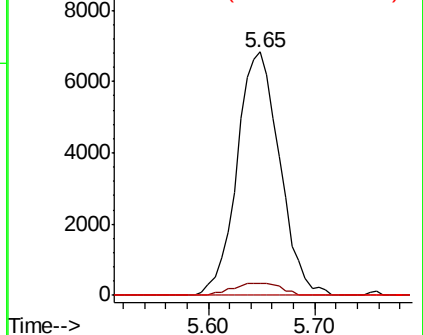
121 0.0 24.2 36.2#



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



#49

1,4-Dioxane

Concen: 1.460 ug/l

RT: 7.98 min Scan# 1163

Delta R.T. 0.25 min

Lab File: VX012036.D

Acq: 03 Sep 2019 21:46

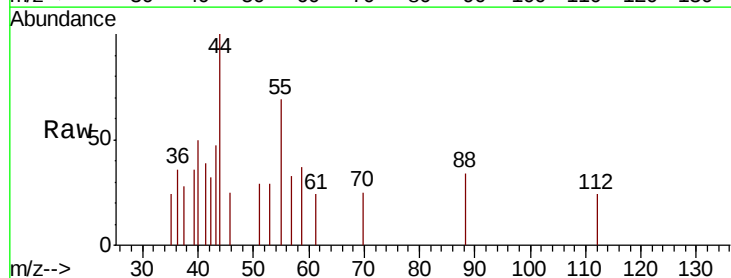
Tgt Ion: 88 Resp: 28

Ion Ratio Lower Upper

88 100

43 0.0 29.8 44.6#

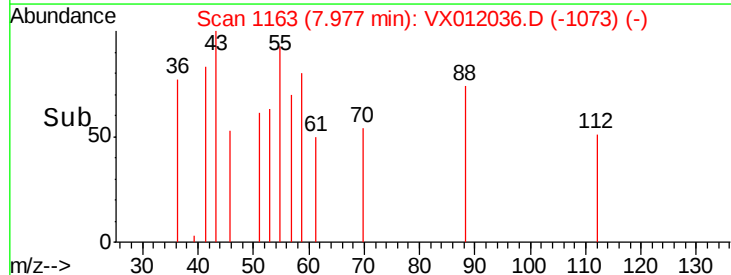
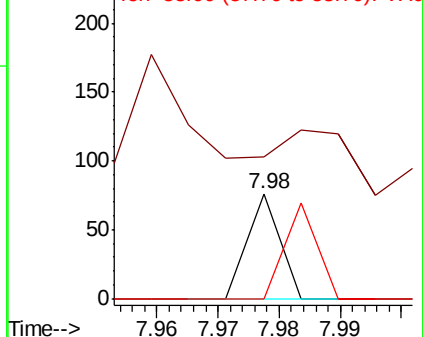
58 89.3 55.4 83.2#

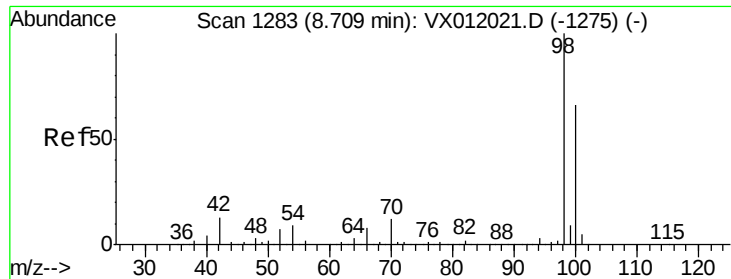


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

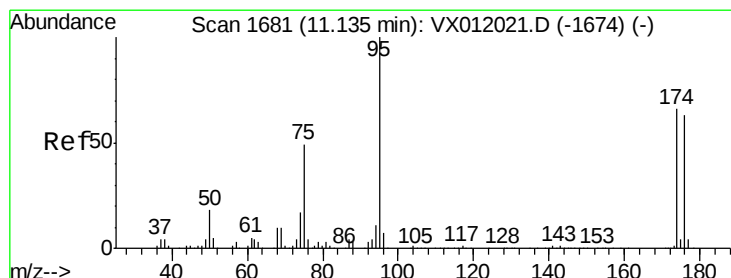
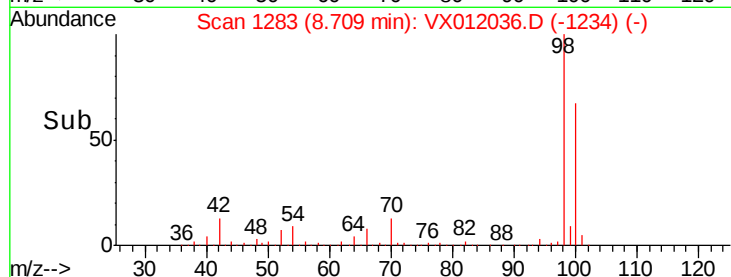
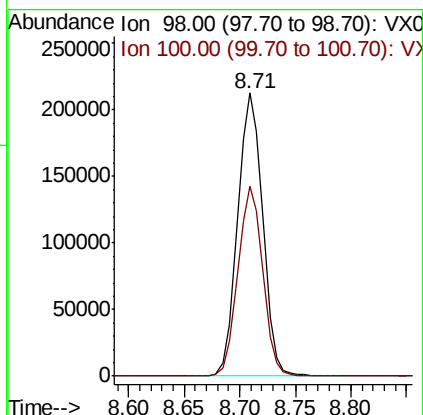
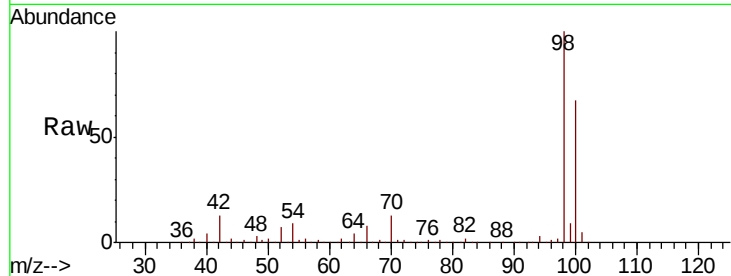




#50
Toluene-d8
Concen: 50.977 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012036.D
Acq: 03 Sep 2019 21:46

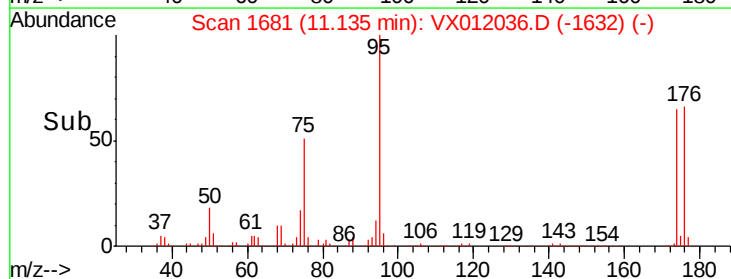
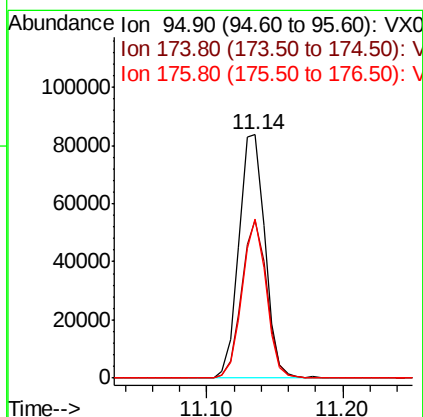
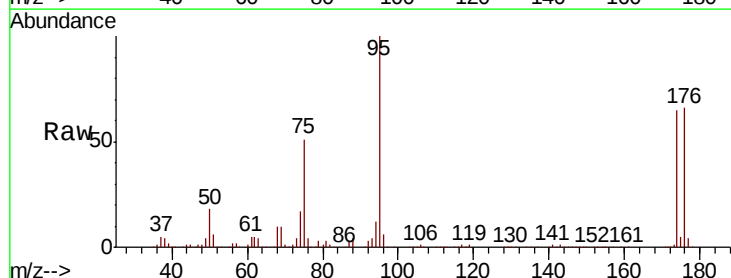
Instrument :
MSVOA_X
ClientSampleId :
T3-S-C3-(0)

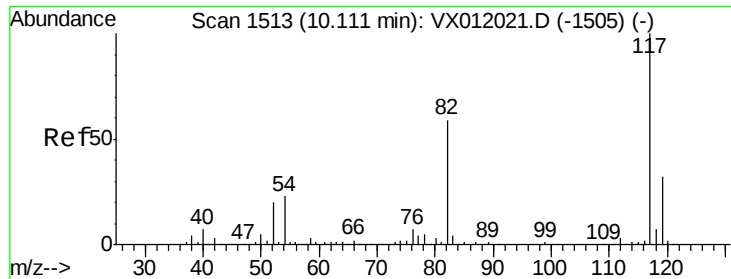
Tgt Ion: 98 Resp: 330502
Ion Ratio Lower Upper
98 100
100 66.5 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 37.155 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012036.D
Acq: 03 Sep 2019 21:46

Tgt Ion: 95 Resp: 112027
Ion Ratio Lower Upper
95 100
174 63.1 0.0 205.4
176 60.3 0.0 201.8

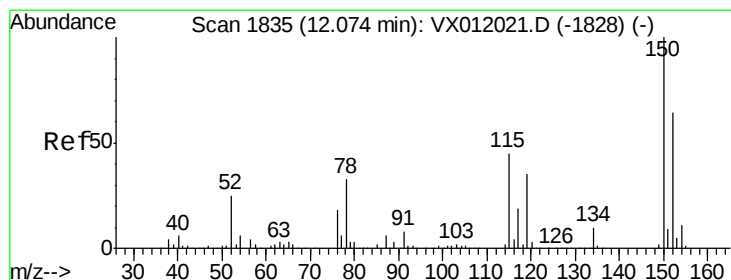
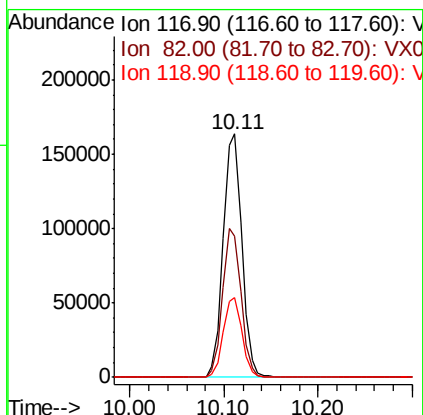
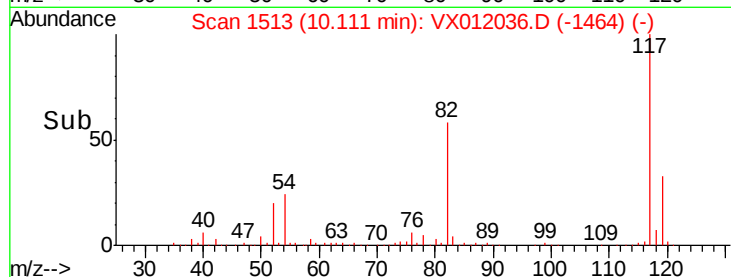
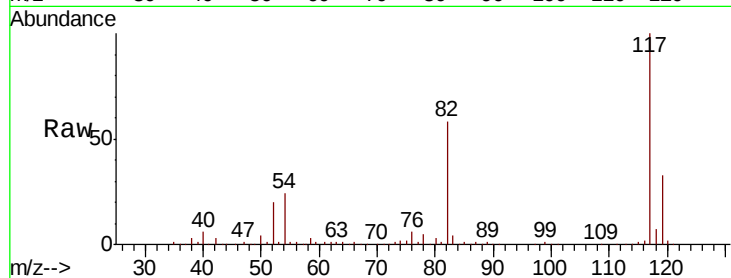




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012036.D
Acq: 03 Sep 2019 21:46

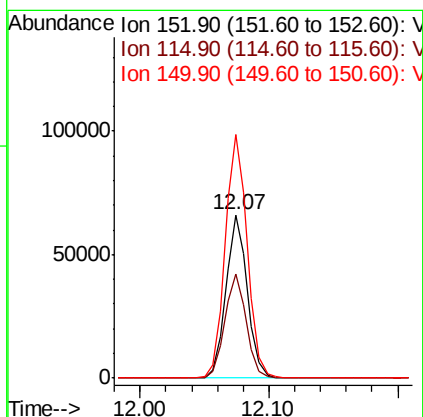
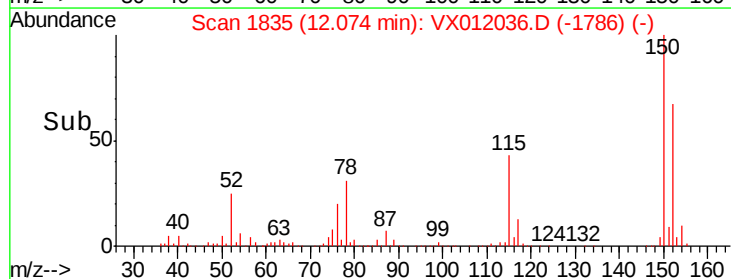
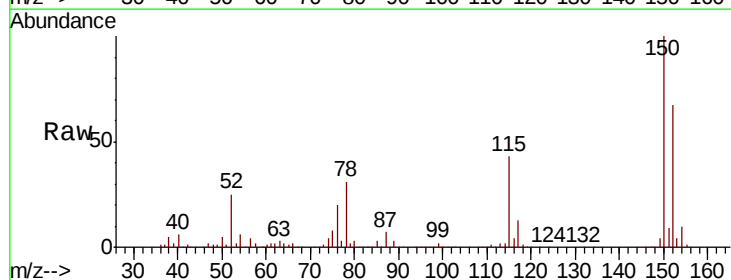
Instrument :
MSVOA_X
ClientSampleId :
T3-S-C3-(0)

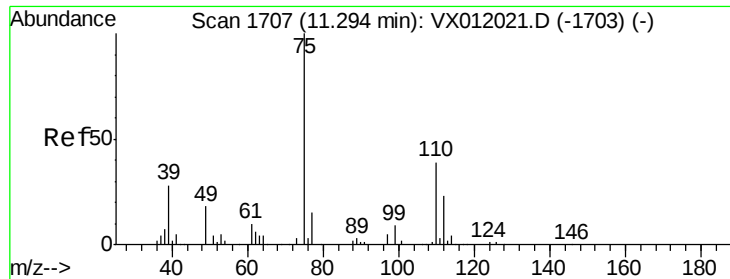
Tgt Ion:117 Resp: 226266
Ion Ratio Lower Upper
117 100
82 58.1 39.4 59.0
119 33.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012036.D
Acq: 03 Sep 2019 21:46

Tgt Ion:152 Resp: 77200
Ion Ratio Lower Upper
152 100
115 64.1 36.4 109.3
150 153.4 0.0 341.2

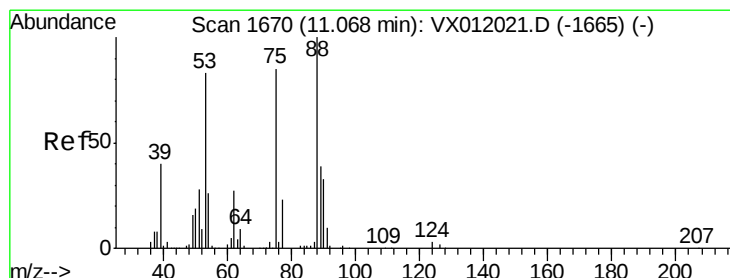
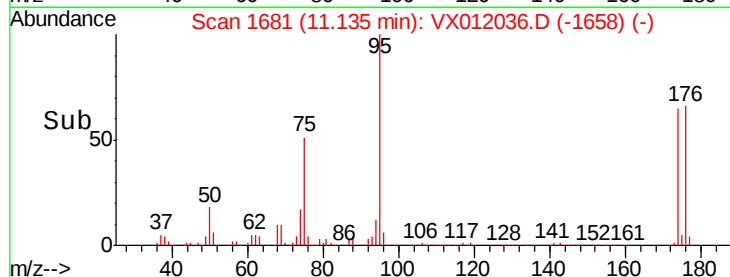
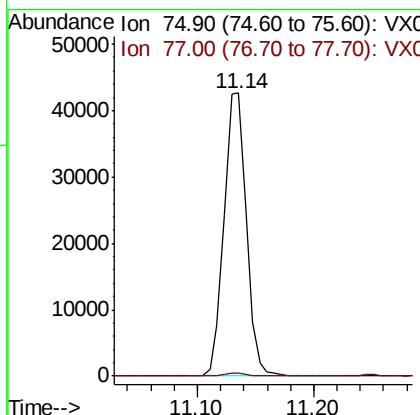
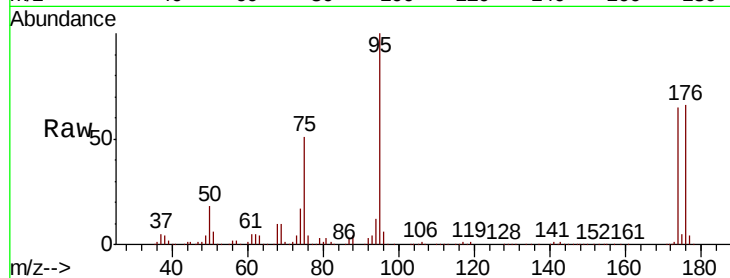




#76
 1,2,3-Trichloropropane
 Concen: 59.953 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.16 min
 Lab File: VX012036.D
 Acq: 03 Sep 2019 21:46

Instrument :
 MSVOA_X
 ClientSampleId :
 T3-S-C3-(0)

Tgt Ion: 75 Resp: 56552
 Ion Ratio Lower Upper
 75 100
 77 1.2 23.5 70.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 141.739 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.07 min
 Lab File: VX012036.D
 Acq: 03 Sep 2019 21:46

Tgt Ion: 75 Resp: 56552
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.6 117.8#
 89 0.0 38.8 58.2#

