

Data File : VX012206.D
Acq On : 08 Sep 2019 07:11
Operator : SY/SP
Sample : K4650-11
Misc : 6.19g/5.0mL/MSVOA_X/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-6

Quant Time: Sep 08 07:52:19 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	5.64	168	148442	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	256041	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	225946	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	103447	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	102011	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
35) Dibromofluoromethane	5.48	113	75523	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
50) Toluene-d8	8.71	98	304338	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
62) 4-Bromofluorobenzene	11.14	95	125170	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	

Target Compounds

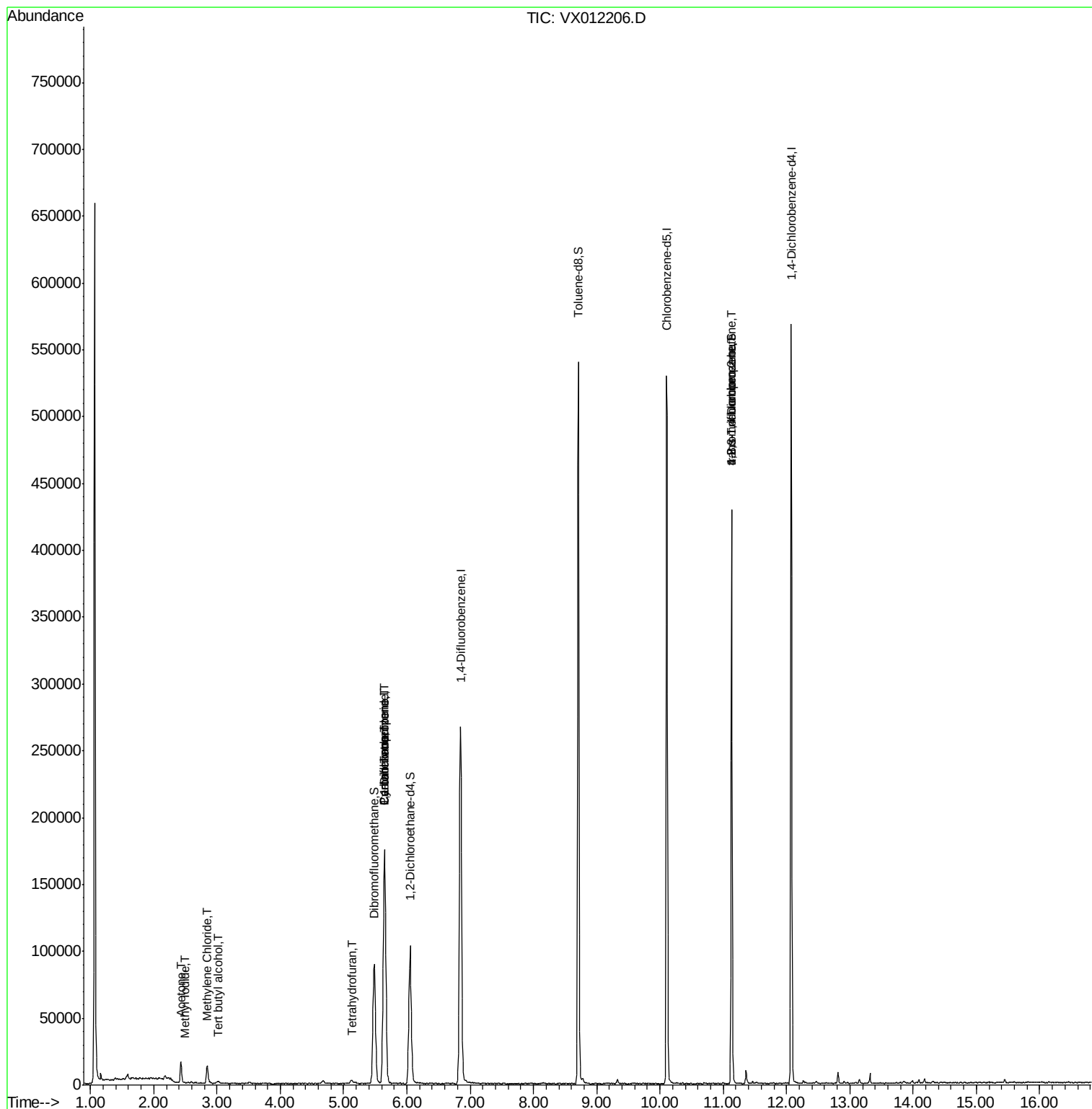
						Qvalue
10) Methyl Iodide	2.49	142	46	7.014	ug/l #	40
11) Tert butyl alcohol	3.02	59	1238	6.293	ug/l	98
13) Acrolein	2.26	56	264	Below Cal	#	12
16) Acetone	2.43	43	16491	33.685	ug/l	98
20) Methylene Chloride	2.84	84	6233	3.171	ug/l #	83
29) Tetrahydrofuran	5.12	42	2952	7.862	ug/l	97
31) Cyclohexane	5.64	56	4235	1.687	ug/l #	23
36) 1,1-Dichloropropene	5.65	75	13757	6.100	ug/l #	48
38) Carbon Tetrachloride	5.65	117	17152	7.218	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	65537	51.850	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.13	75	65537	122.582	ug/l #	10

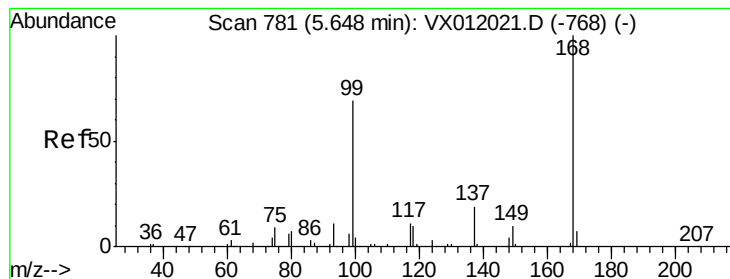
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VX012206.D
Acq On : 08 Sep 2019 07:11
Operator : SY/SP
Sample : K4650-11
Misc : 6.19g/5.0mL/MSVOA_X/SOIL
ALS Vial : 44 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TP-6

Quant Time: Sep 08 07:52:19 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012206.D

Acq: 08 Sep 2019 07:11

Instrument :

MSVOA_X

ClientSampleId :

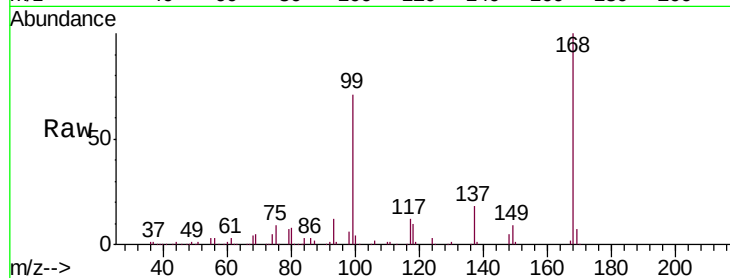
TP-6

Tgt Ion:168 Resp: 148442

Ion Ratio Lower Upper

168 100

99 70.7 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

60000

50000

40000

30000

20000

10000

0

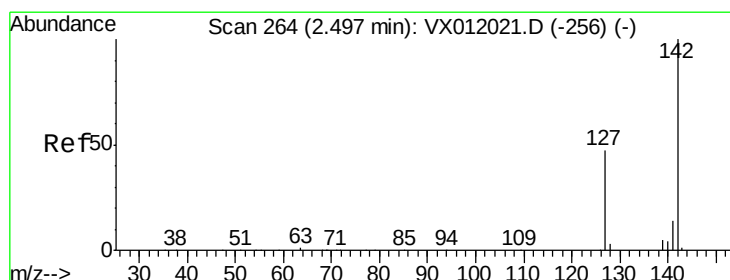
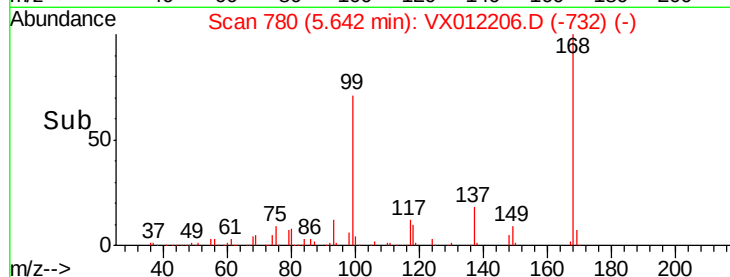
5.50

5.60

5.70

5.80

Time-->



#10

Methyl Iodide

Concen: 7.014 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.01 min

Lab File: VX012206.D

Acq: 08 Sep 2019 07:11

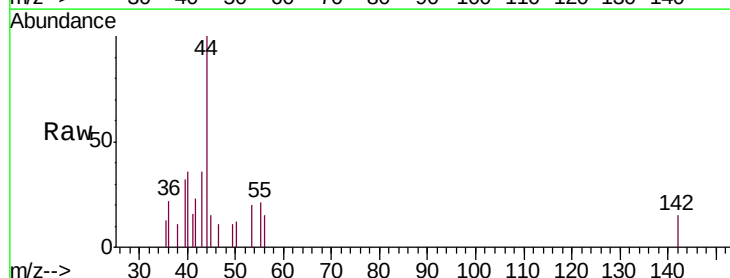
Tgt Ion:142 Resp: 46

Ion Ratio Lower Upper

142 100

127 0.0 35.4 53.2#

141 0.0 11.4 17.2#



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

80

60

40

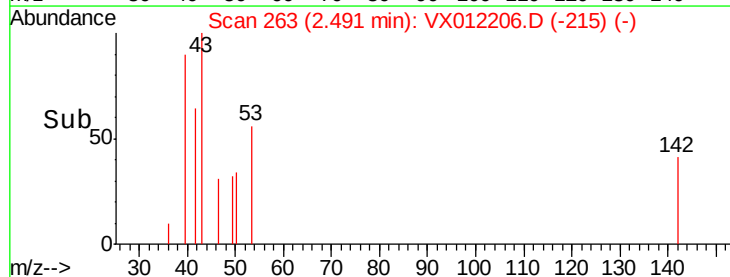
20

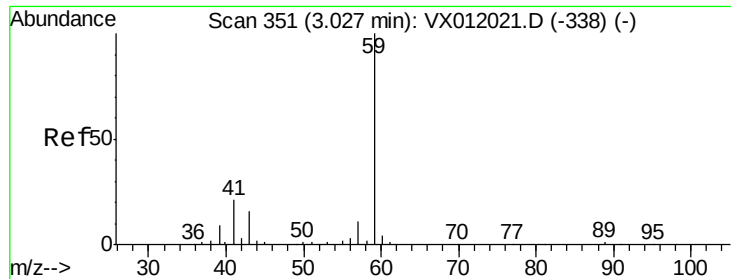
0

2.48

2.50

Time-->

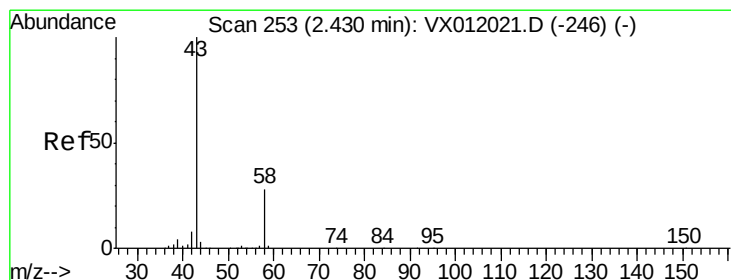
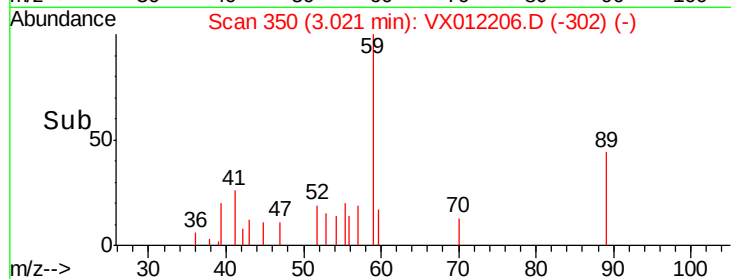
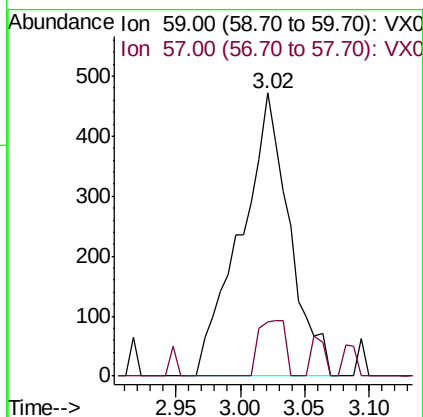
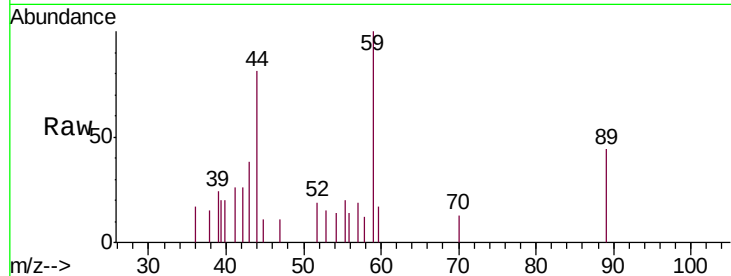




#11
Tert butyl alcohol
Concen: 6.293 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX012206.D
Acq: 08 Sep 2019 07:11

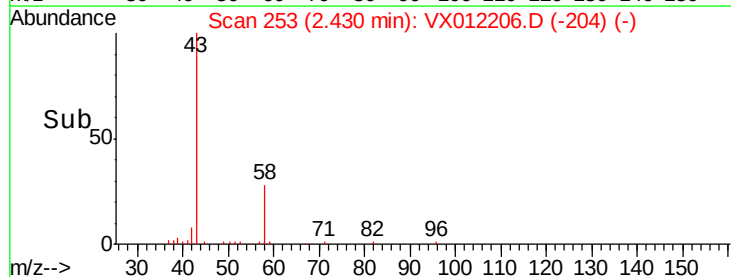
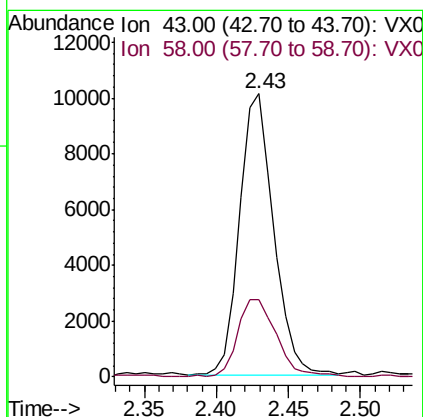
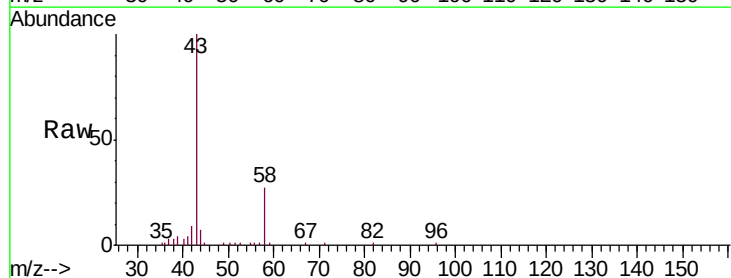
Instrument :
MSVOA_X
ClientSampled :
TP-6

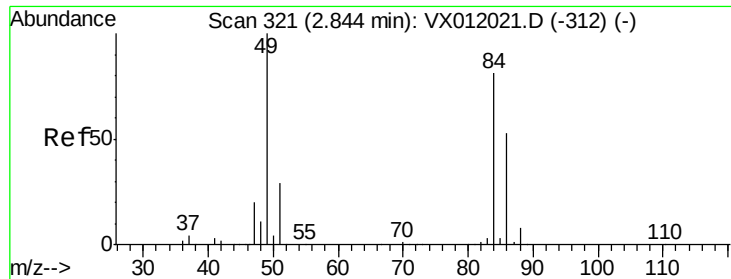
Tgt Ion: 59 Resp: 1238
Ion Ratio Lower Upper
59 100
57 10.5 7.9 11.9



#16
Acetone
Concen: 33.685 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012206.D
Acq: 08 Sep 2019 07:11

Tgt Ion: 43 Resp: 16491
Ion Ratio Lower Upper
43 100
58 27.7 22.8 34.2

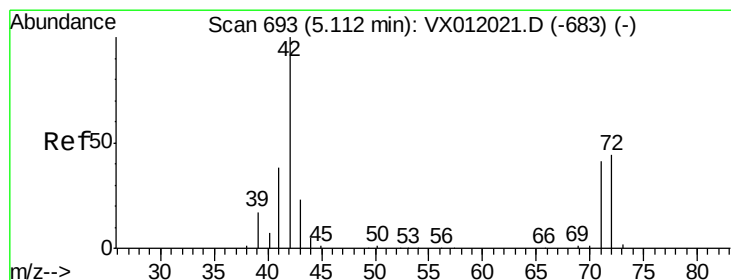
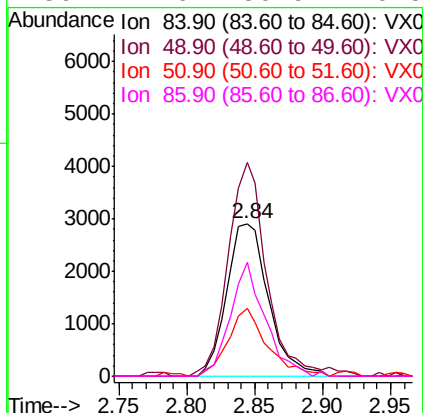
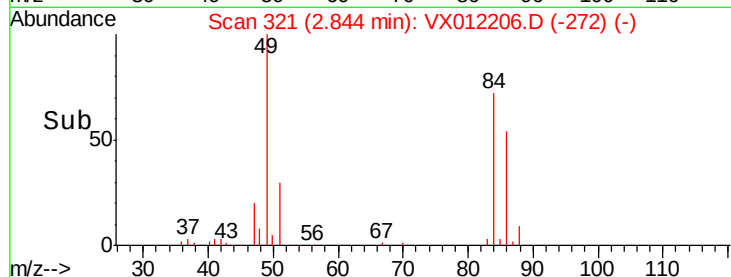
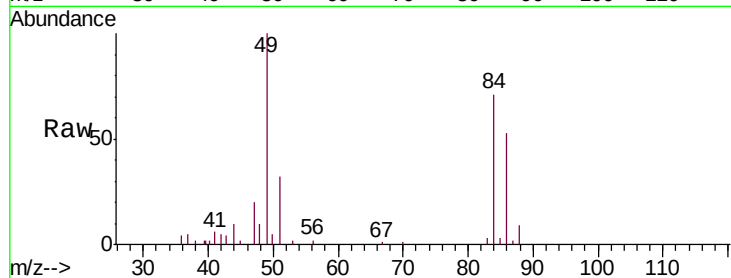




#20
Methylene Chloride
Concen: 3.171 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012206.D
Acq: 08 Sep 2019 07:11

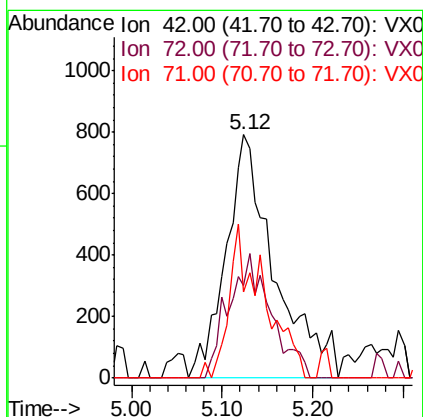
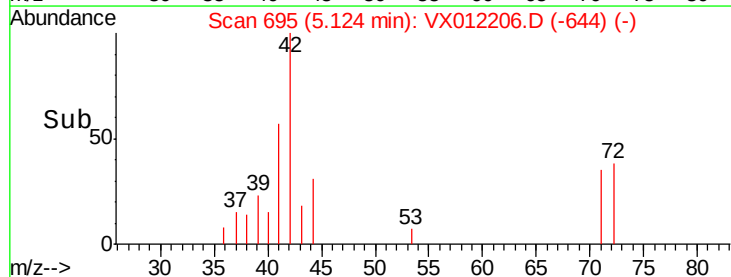
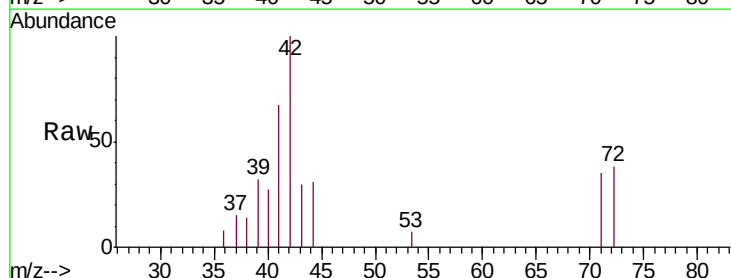
Instrument :
MSVOA_X
ClientSampled :
TP-6

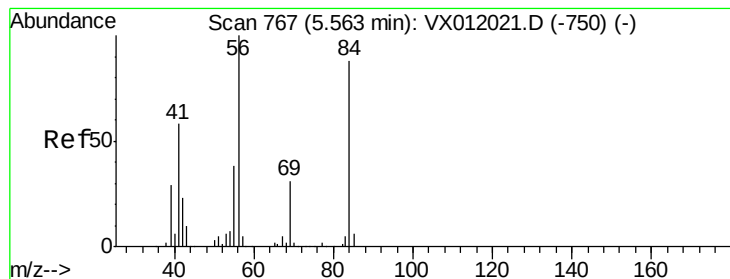
Tgt Ion:	84	Resp:	6233
Ion	Ratio	Lower	Upper
84	100		
49	140.2	95.8	143.8
51	44.4	28.6	43.0#
86	74.6	50.9	76.3



#29
Tetrahydrofuran
Concen: 7.862 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012206.D
Acq: 08 Sep 2019 07:11

Tgt Ion:	42	Resp:	2952
Ion	Ratio	Lower	Upper
42	100		
72	44.3	37.0	55.4
71	44.9	33.8	50.8





#31

Cyclohexane

Concen: 1.687 ug/l

RT: 5.64 min Scan# 780

Delta R.T. 0.08 min

Lab File: VX012206.D

Acq: 08 Sep 2019 07:11

Instrument :

MSVOA_X

ClientSampled :

TP-6

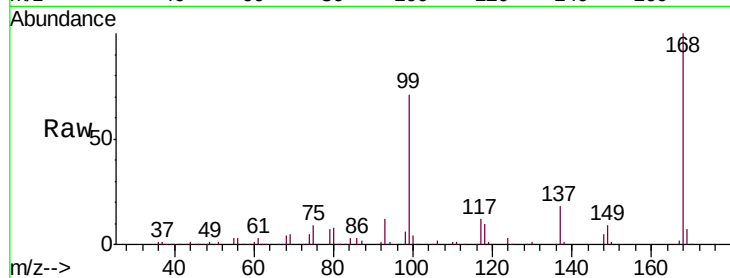
Tgt Ion: 56 Resp: 4235

Ion Ratio Lower Upper

56 100

69 183.5 25.7 38.5#

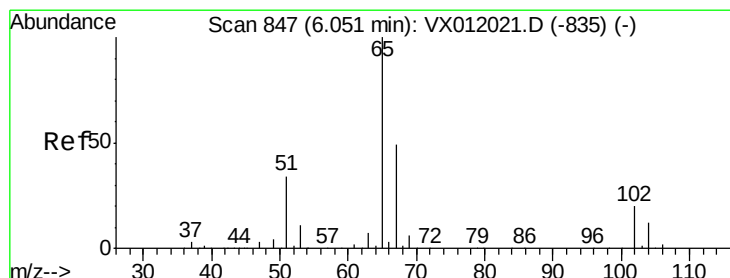
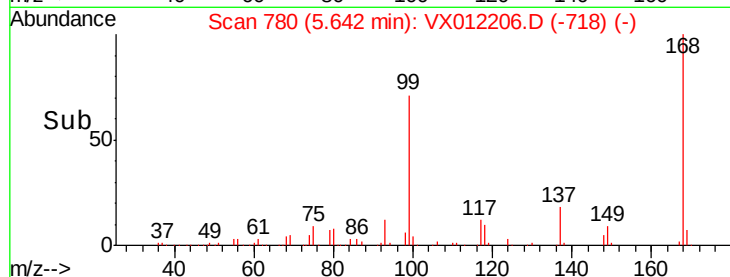
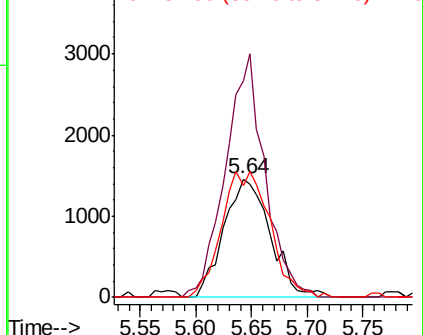
84 94.0 70.3 105.5



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: 49.805 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012206.D

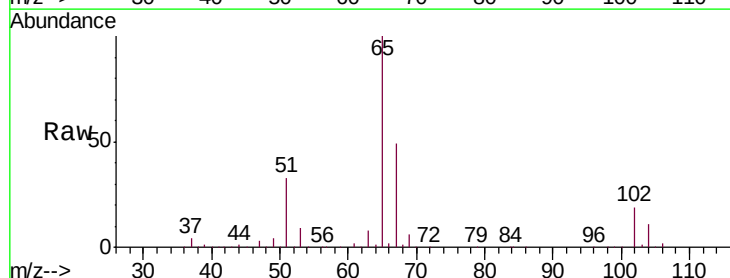
Acq: 08 Sep 2019 07:11

Tgt Ion: 65 Resp: 102011

Ion Ratio Lower Upper

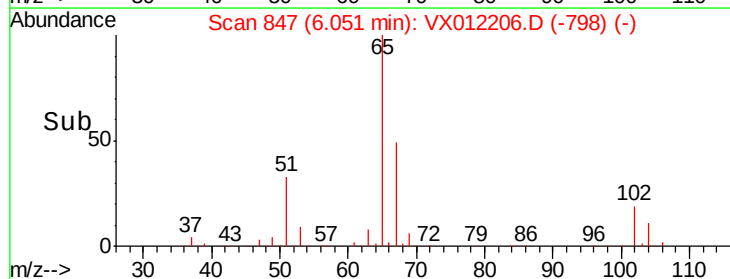
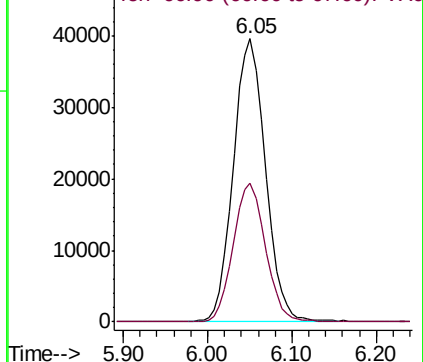
65 100

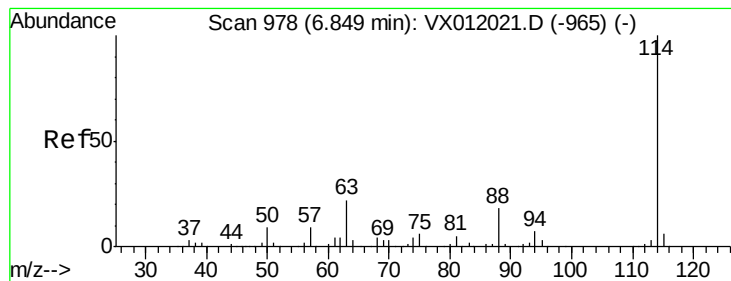
67 49.4 0.0 102.0



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: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012206.D

Acq: 08 Sep 2019 07:11

Instrument :

MSVOA_X

ClientSampleId :

TP-6

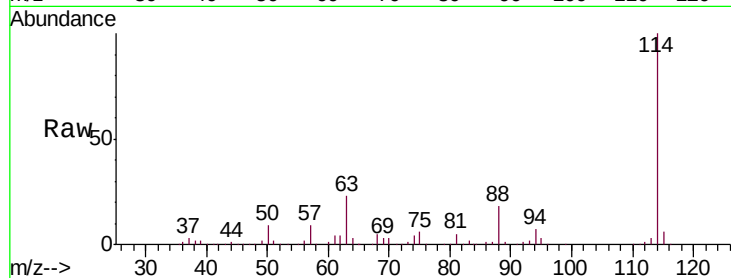
Tgt Ion:114 Resp: 256041

Ion Ratio Lower Upper

114 100

63 22.7 0.0 37.4

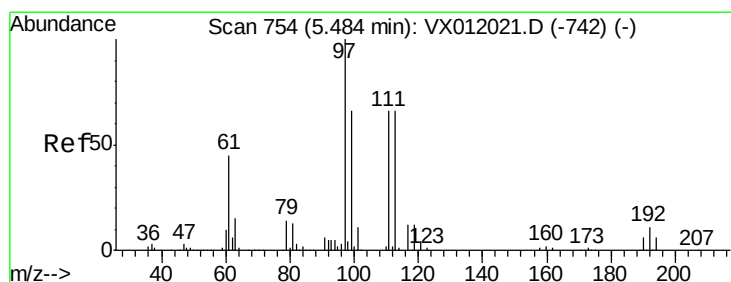
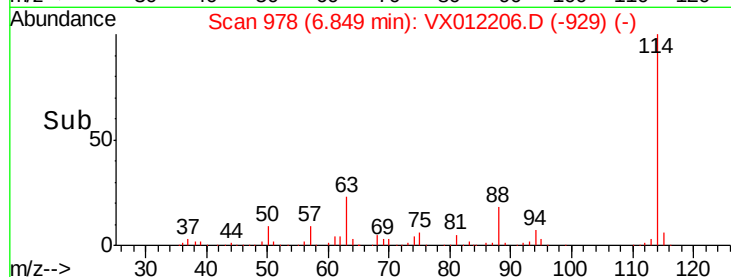
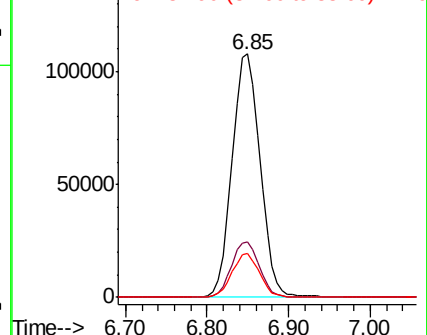
88 17.9 0.0 29.6



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: 47.964 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012206.D

Acq: 08 Sep 2019 07:11

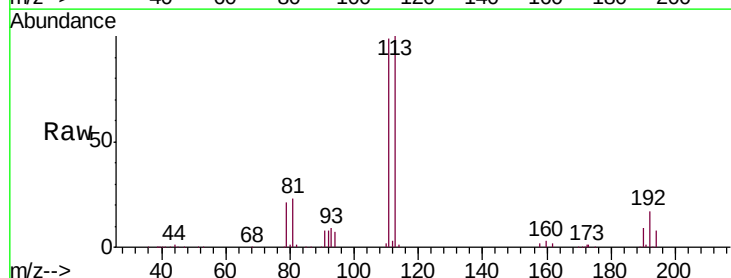
Tgt Ion:113 Resp: 75523

Ion Ratio Lower Upper

113 100

111 103.4 81.7 122.5

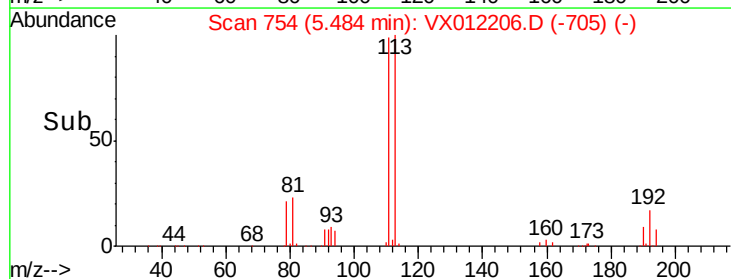
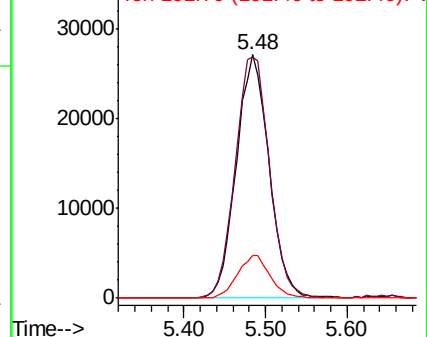
192 17.3 22.5 33.7#

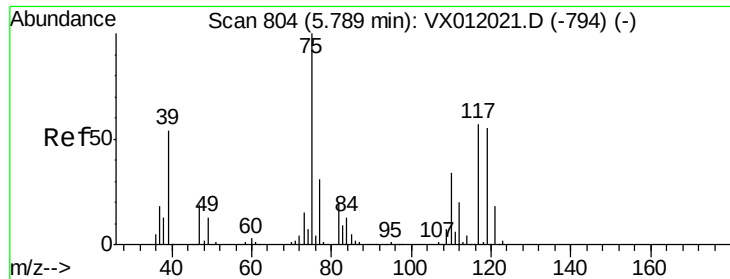


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

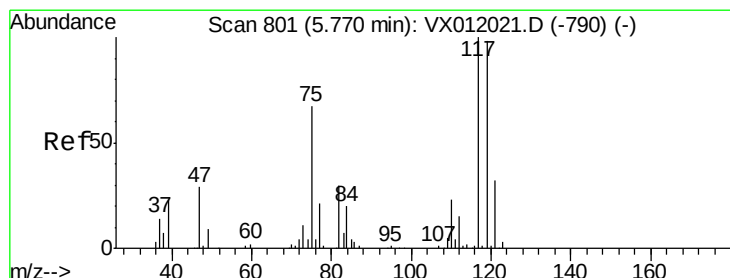
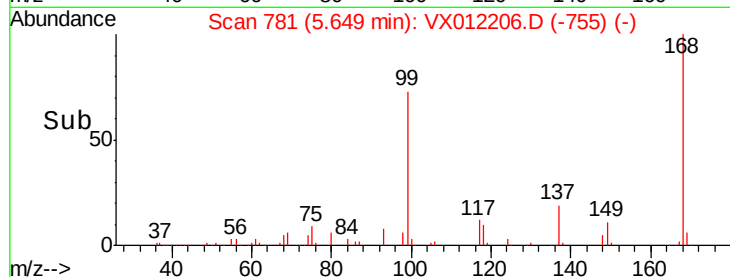
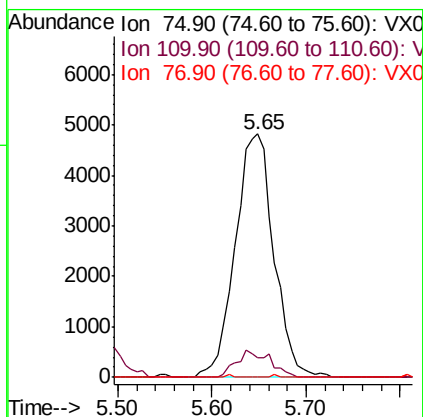
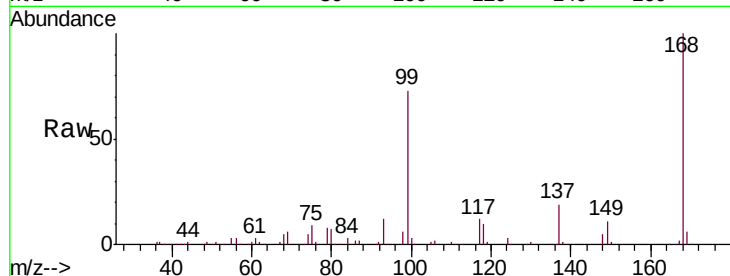




#36
 1,1-Dichloropropene
 Concen: 6.100 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012206.D
 Acq: 08 Sep 2019 07:11

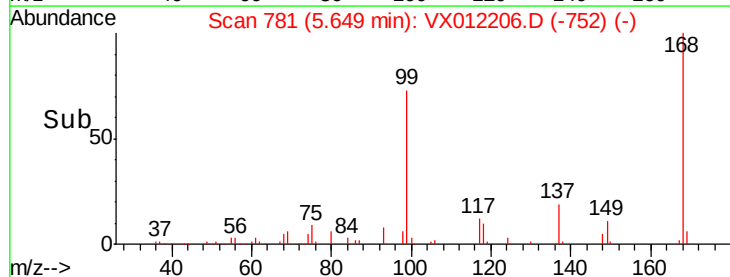
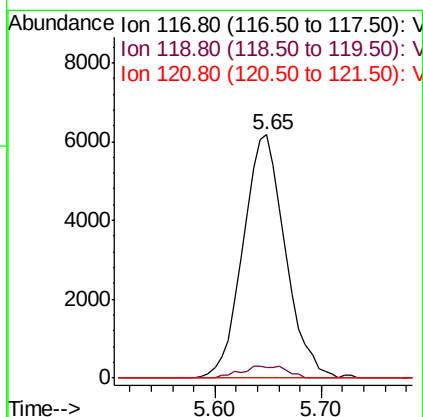
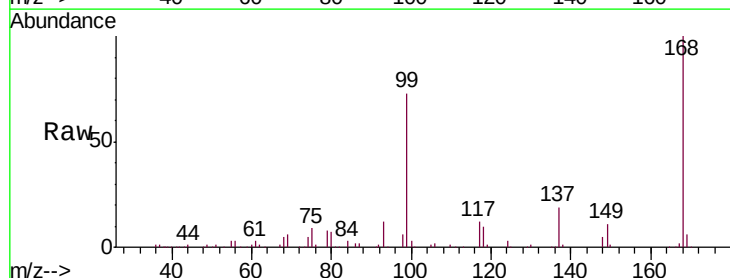
Instrument :
 MSVOA_X
 ClientSampleId :
 TP-6

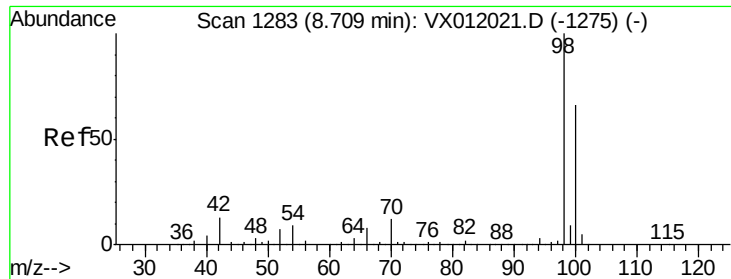
Tgt Ion: 75 Resp: 13757
 Ion Ratio Lower Upper
 75 100
 110 9.8 19.5 58.5#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 7.218 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.12 min
 Lab File: VX012206.D
 Acq: 08 Sep 2019 07:11

Tgt Ion: 117 Resp: 17152
 Ion Ratio Lower Upper
 117 100
 119 4.6 78.3 117.5#
 121 0.0 24.2 36.2#

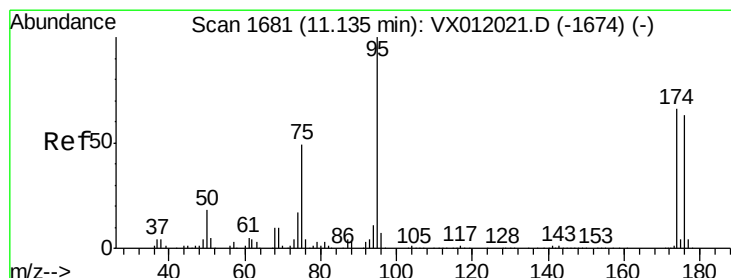
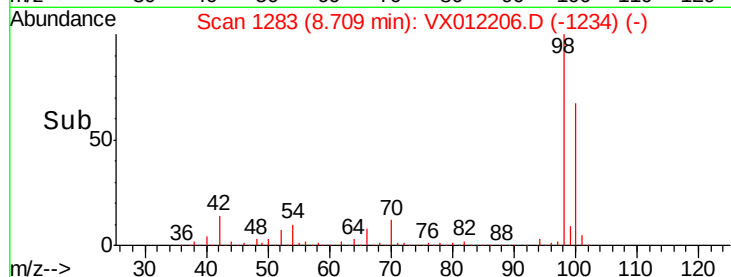
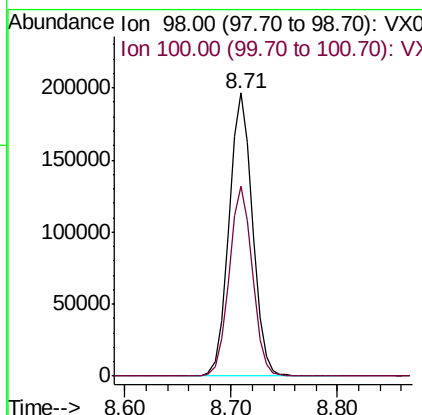
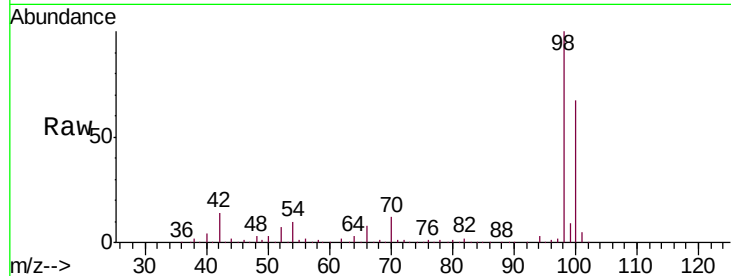




#50
Toluene-d8
Concen: 52.672 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012206.D
Acq: 08 Sep 2019 07:11

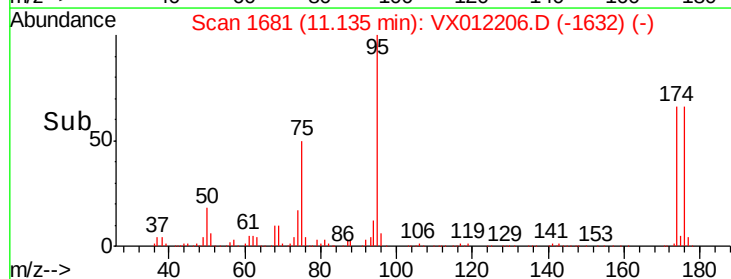
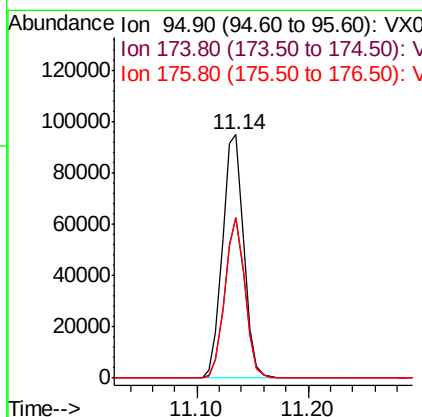
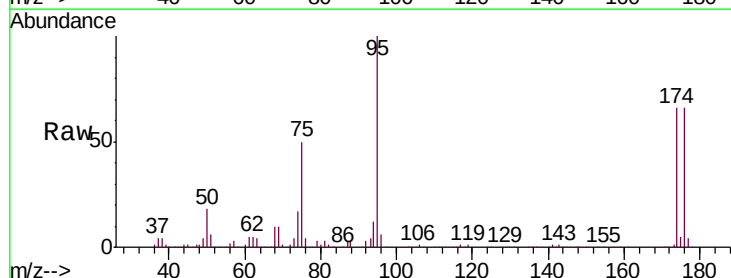
Instrument :
MSVOA_X
ClientSampleId :
TP-6

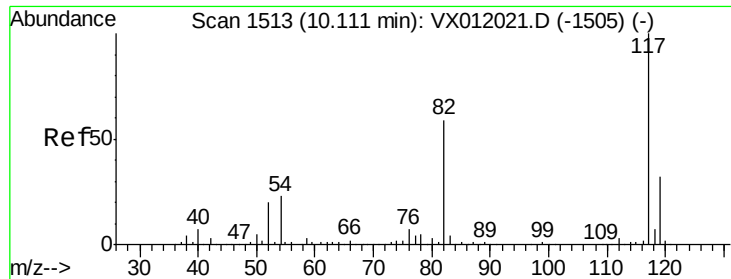
Tgt Ion: 98 Resp: 304338
Ion Ratio Lower Upper
98 100
100 66.4 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 46.582 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012206.D
Acq: 08 Sep 2019 07:11

Tgt Ion: 95 Resp: 125170
Ion Ratio Lower Upper
95 100
174 62.7 0.0 205.4
176 62.5 0.0 201.8

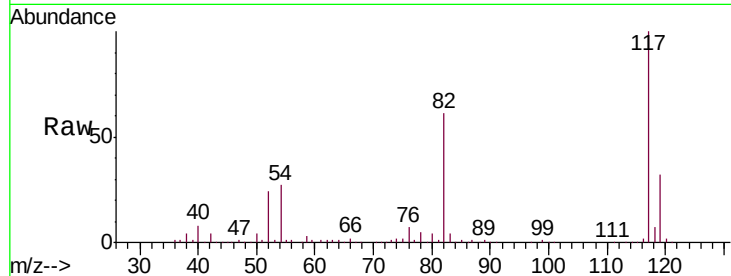




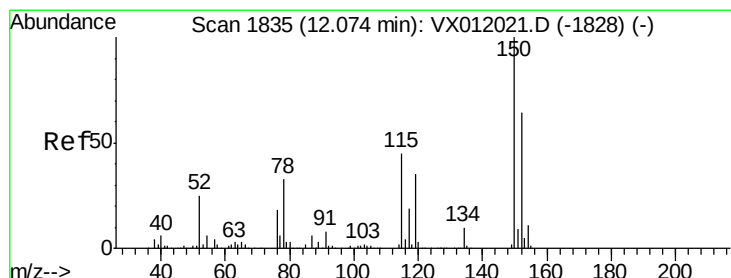
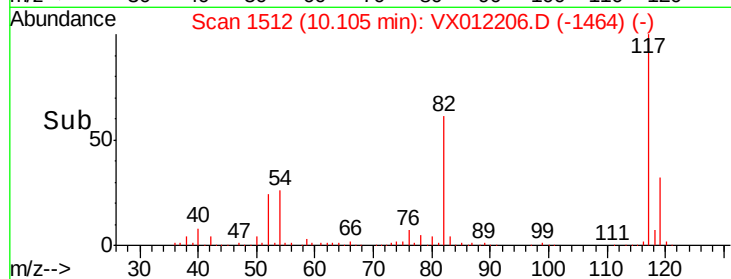
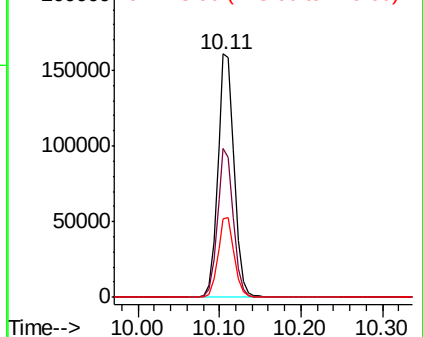
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012206.D
Acq: 08 Sep 2019 07:11

Instrument :
MSVOA_X
ClientSampled :
TP-6

Tgt Ion:117 Resp: 225946
Ion Ratio Lower Upper
117 100
82 61.2 39.4 59.0#
119 32.1 26.1 39.1

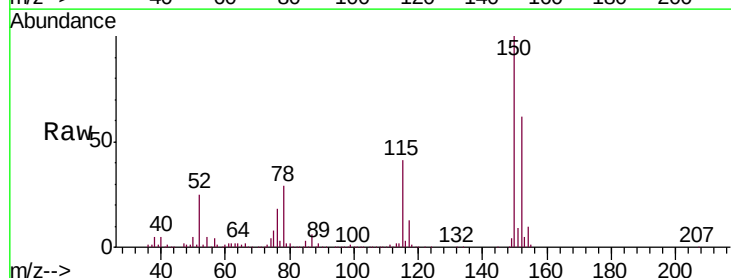


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

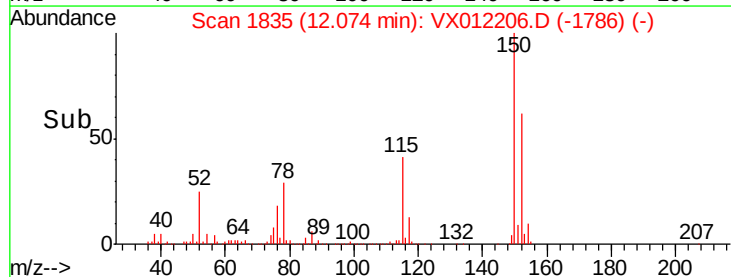
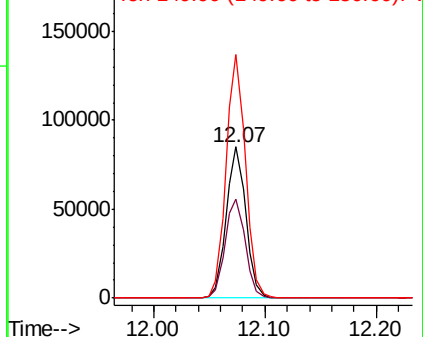


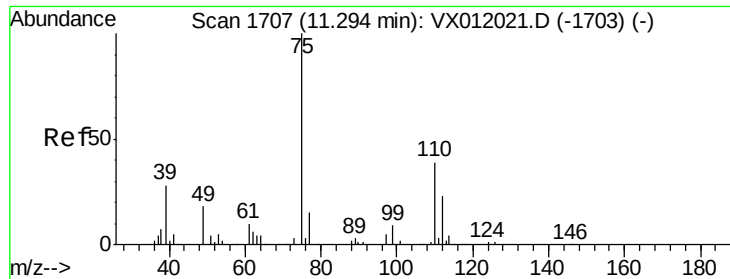
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012206.D
Acq: 08 Sep 2019 07:11

Tgt Ion:152 Resp: 103447
Ion Ratio Lower Upper
152 100
115 67.9 36.4 109.3
150 159.4 0.0 341.2



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: 51.850 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012206.D

Acq: 08 Sep 2019 07:11

Instrument :

MSVOA_X

ClientSampleId :

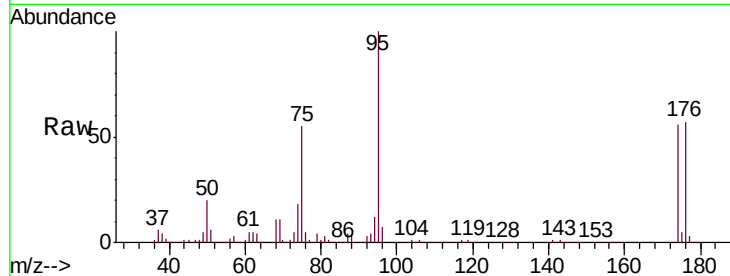
TP-6

Tgt Ion: 75 Resp: 65537

Ion Ratio Lower Upper

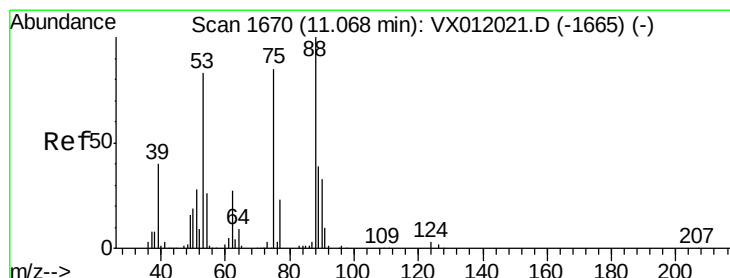
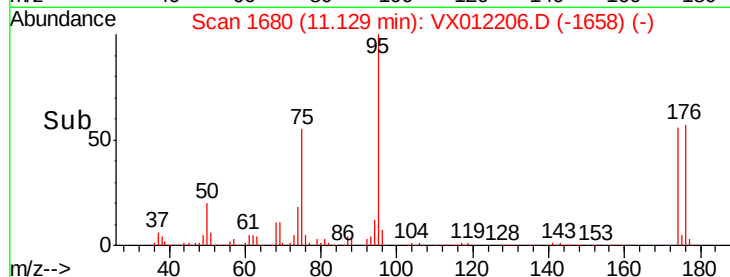
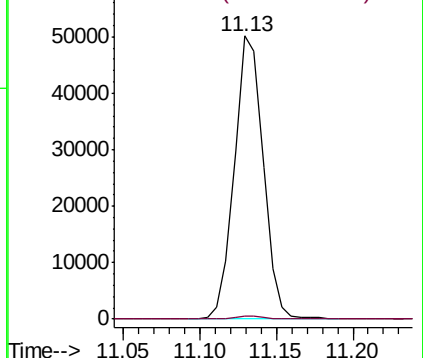
75 100

77 1.1 23.5 70.5#



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: 122.582 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012206.D

Acq: 08 Sep 2019 07:11

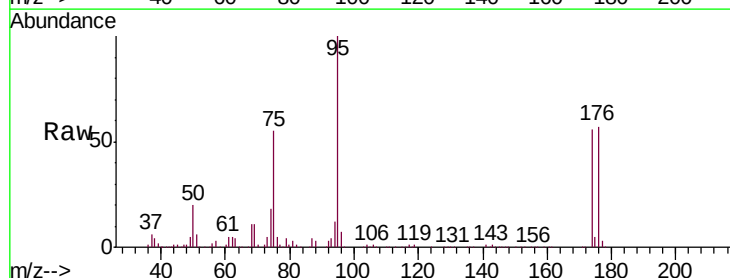
Tgt Ion: 75 Resp: 65537

Ion Ratio Lower Upper

75 100

53 0.1 78.6 117.8#

89 0.0 38.8 58.2#



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

