

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090519\
 Data File : VX012095.D
 Acq On : 05 Sep 2019 12:32
 Operator : SY/SP
 Sample : K4538-01
 Misc : 4.25g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1

Quant Time: Sep 06 05:41:02 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	150707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	262685	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	226702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	97562	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	97066	46.68	ug/l	0.00
Spiked Amount			Recovery	=	93.36%	
35) Dibromofluoromethane	5.48	113	76278	47.22	ug/l	0.00
Spiked Amount			Recovery	=	94.44%	
50) Toluene-d8	8.71	98	311406	52.53	ug/l	0.00
Spiked Amount			Recovery	=	105.06%	
62) 4-Bromofluorobenzene	11.13	95	119480	43.34	ug/l	0.00
Spiked Amount			Recovery	=	86.68%	

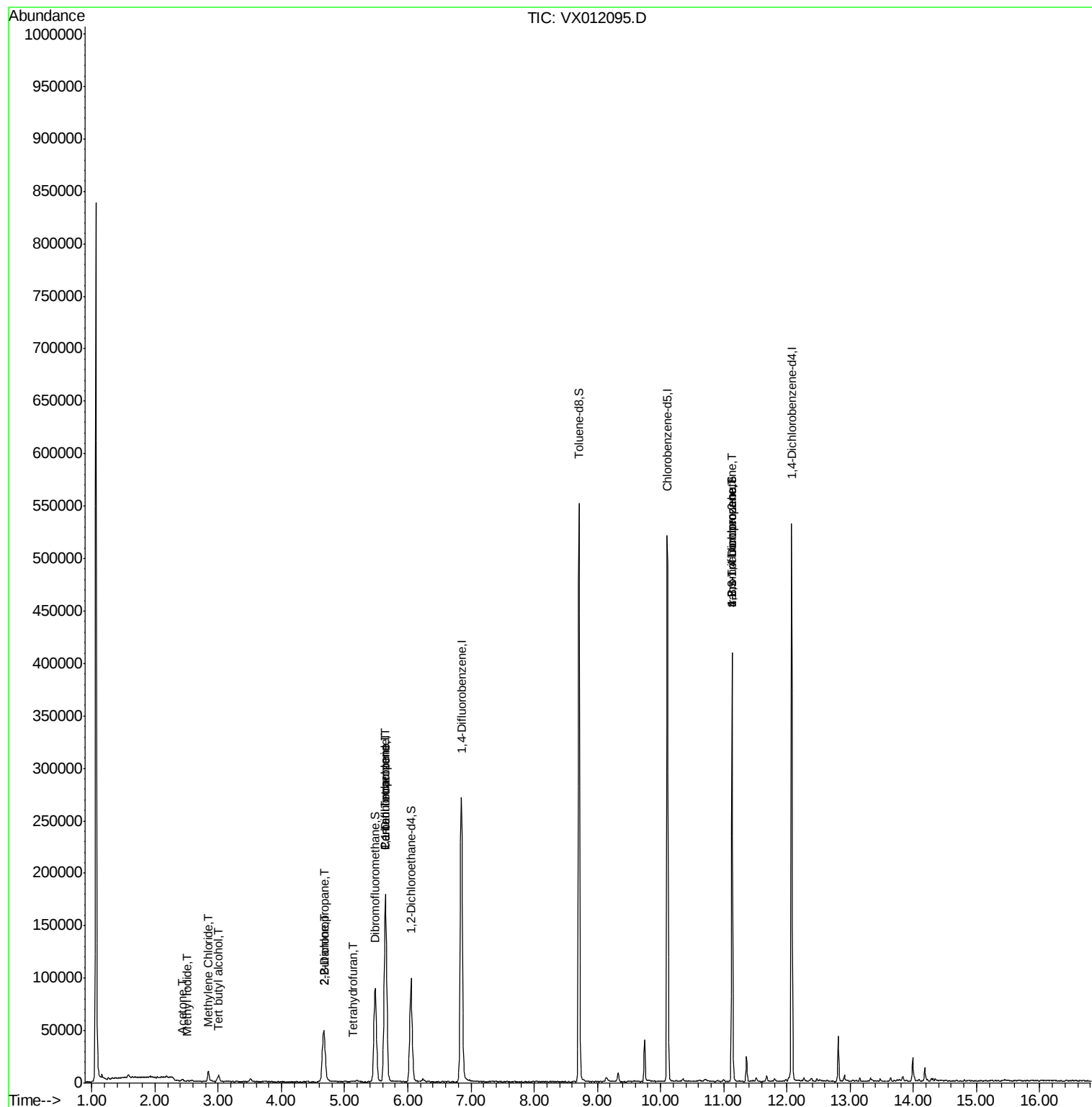
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.50	142	244	7.123	ug/l #	65
11) Tert butyl alcohol	3.00	59	4053	20.292	ug/l #	87
13) Acrolein	2.27	56	77	Below Cal	#	59
16) Acetone	2.43	43	1766	3.553	ug/l	93
20) Methylene Chloride	2.84	84	4658	2.334	ug/l	98
25) 2-Butanone	4.67	43	3202	5.061	ug/l #	77
26) 2,2-Dichloropropane	4.67	77	4145	1.414	ug/l #	53
29) Tetrahydrofuran	5.13	42	405	1.062	ug/l #	44
36) 1,1-Dichloropropene	5.64	75	14632	6.324	ug/l #	48
38) Carbon Tetrachloride	5.65	117	17566	7.205	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	62479	52.413	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	62479	123.912	ug/l #	10

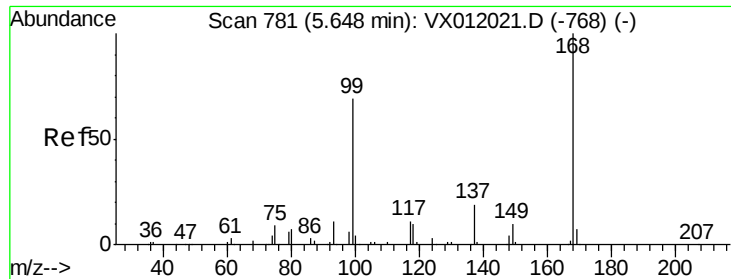
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090519\
Data File : VX012095.D
Acq On : 05 Sep 2019 12:32
Operator : SY/SP
Sample : K4538-01
Misc : 4.25g/5.0mL/MSVOA_X/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB-1

Quant Time: Sep 06 05:41:02 2019
Quant Method : Z:\V0ASRV\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: VX012095.D

Acq: 05 Sep 2019 12:32

Instrument :

MSVOA_X

ClientSampled :

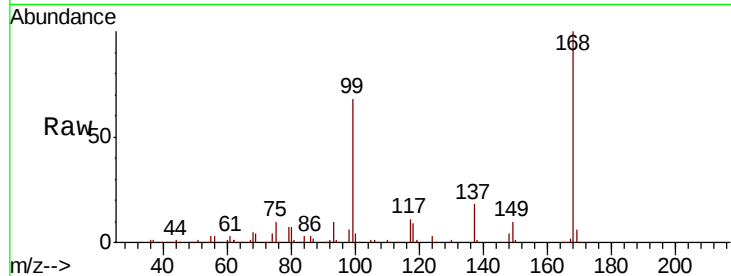
SB-1

Tgt Ion:168 Resp: 150707

Ion Ratio Lower Upper

168 100

99 68.1 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

60000

50000

40000

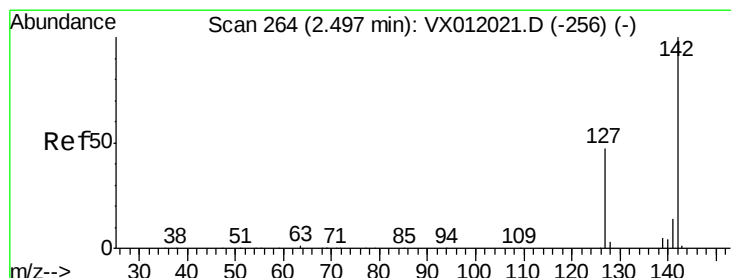
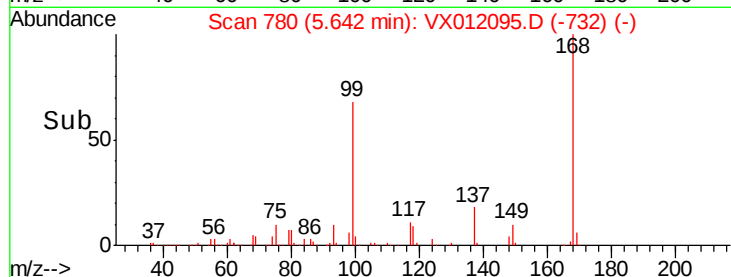
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 7.123 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX012095.D

Acq: 05 Sep 2019 12:32

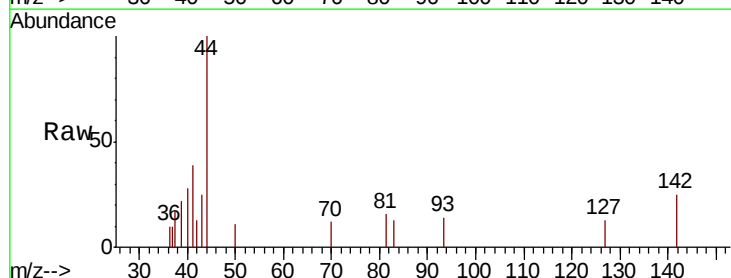
Tgt Ion:142 Resp: 244

Ion Ratio Lower Upper

142 100

127 21.3 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

2.50

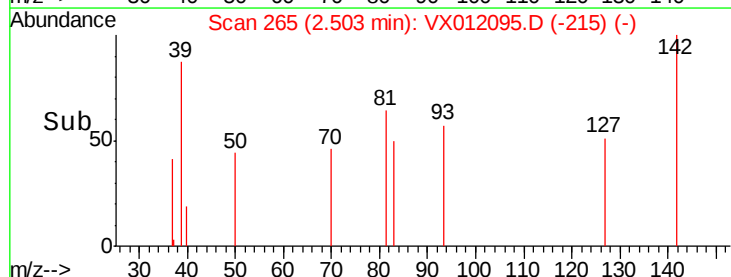
150

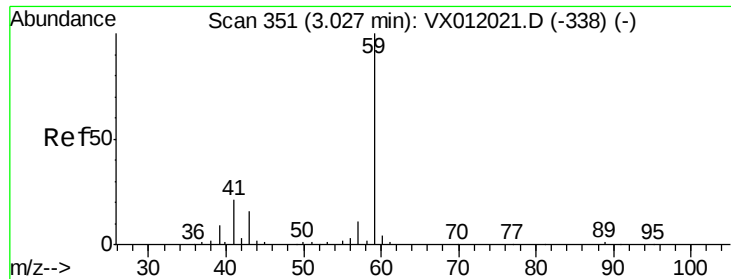
100

50

0

Time--> 2.45 2.50 2.55

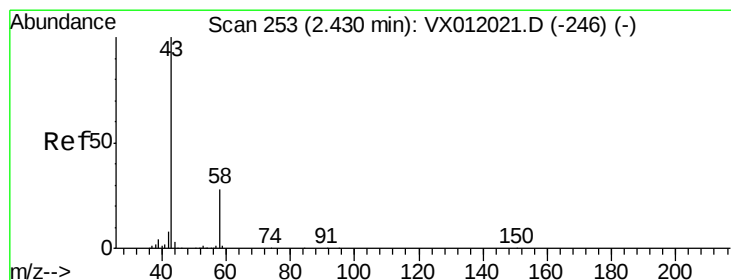
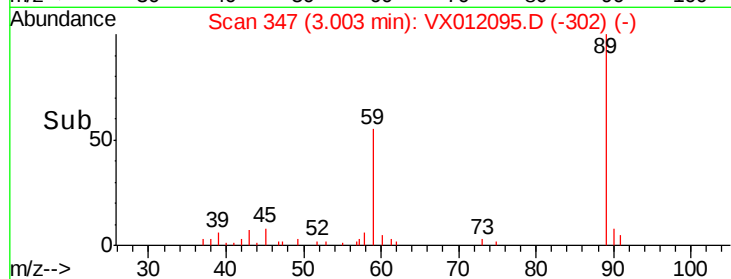
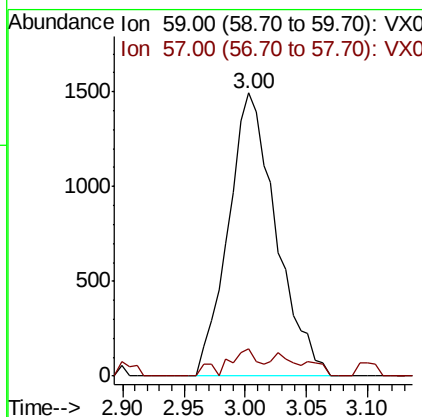
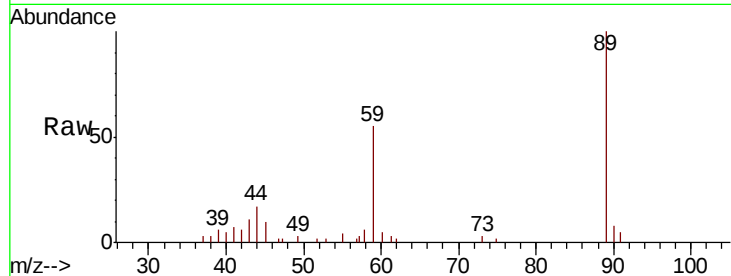




#11
Tert butyl alcohol
Concen: 20.292 ug/l
RT: 3.00 min Scan# 347
Delta R.T. -0.02 min
Lab File: VX012095.D
Acq: 05 Sep 2019 12:32

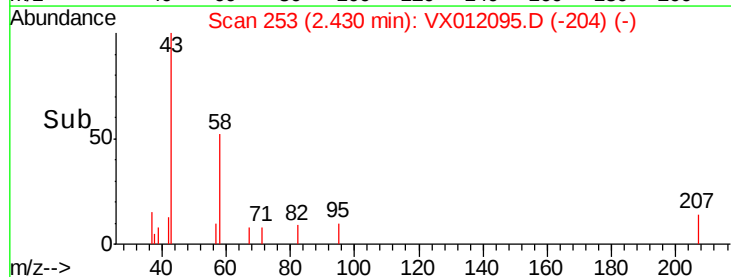
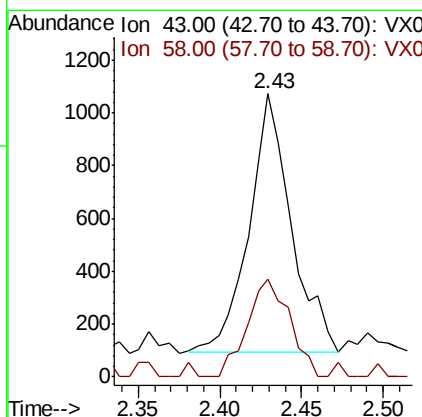
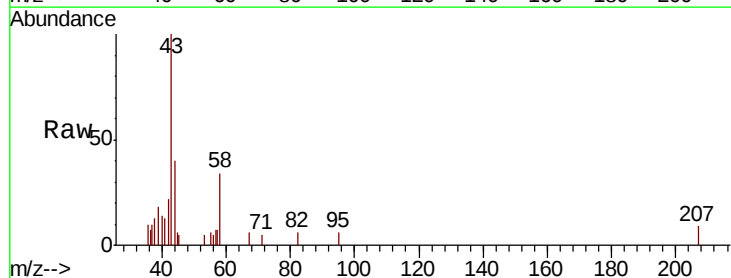
Instrument :
MSVOA_X
ClientSampled :
SB-1

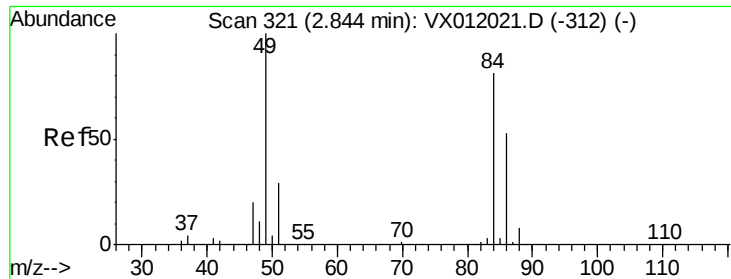
Tgt Ion: 59 Resp: 4053
Ion Ratio Lower Upper
59 100
57 5.1 7.9 11.9#



#16
Acetone
Concen: 3.553 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012095.D
Acq: 05 Sep 2019 12:32

Tgt Ion: 43 Resp: 1766
Ion Ratio Lower Upper
43 100
58 32.2 22.8 34.2

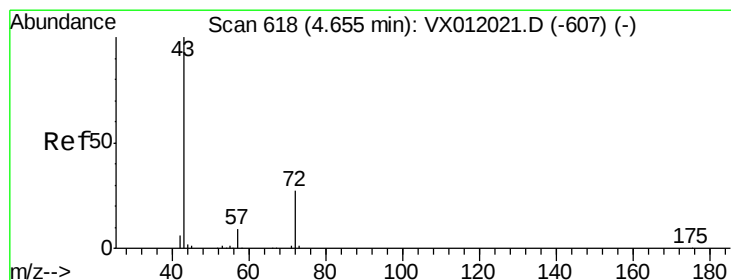
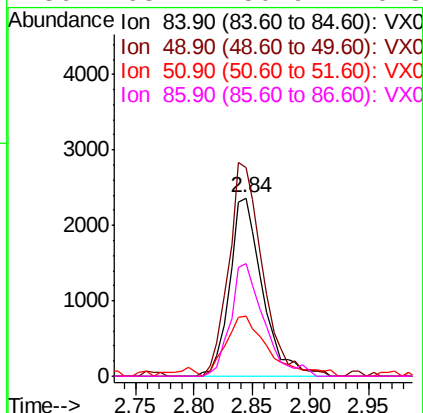
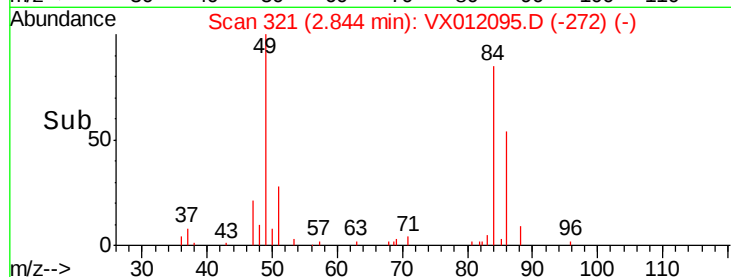
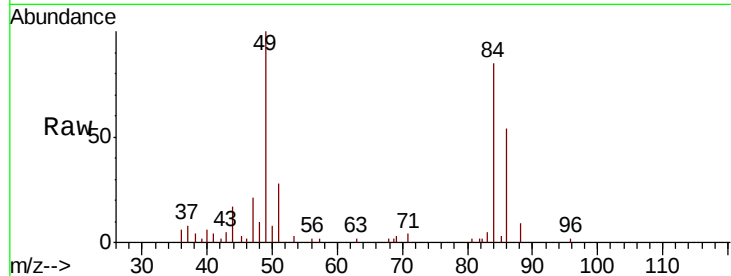




#20
Methylene Chloride
Concen: 2.334 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012095.D
Acq: 05 Sep 2019 12:32

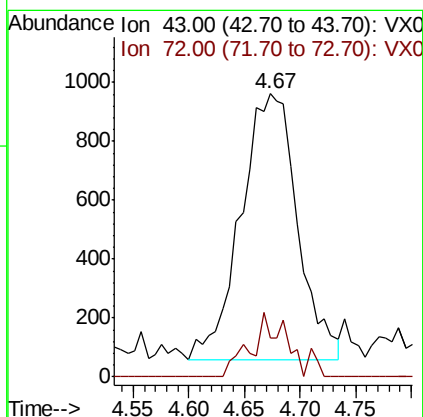
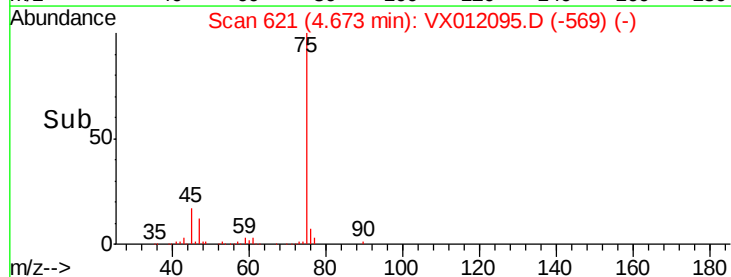
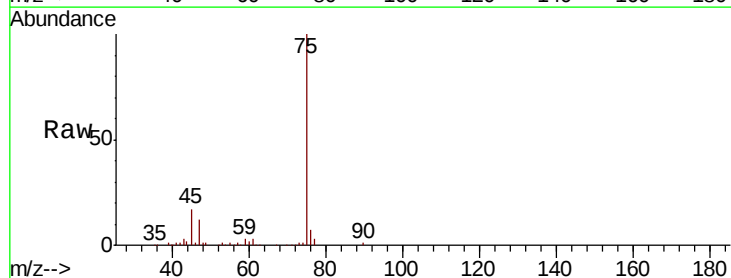
Instrument :
MSVOA_X
ClientSampleId :
SB-1

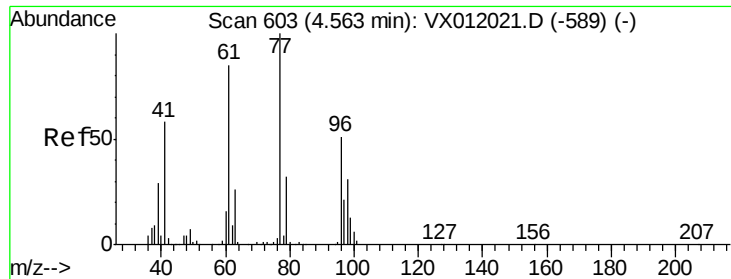
Tgt Ion:	84	Resp:	4658
Ion	Ratio	Lower	Upper
84	100		
49	117.4	95.8	143.8
51	33.4	28.6	43.0
86	63.2	50.9	76.3



#25
2-Butanone
Concen: 5.061 ug/l
RT: 4.67 min Scan# 621
Delta R.T. 0.02 min
Lab File: VX012095.D
Acq: 05 Sep 2019 12:32

Tgt Ion:	43	Resp:	3202
Ion	Ratio	Lower	Upper
43	100		
72	14.8	21.3	31.9#

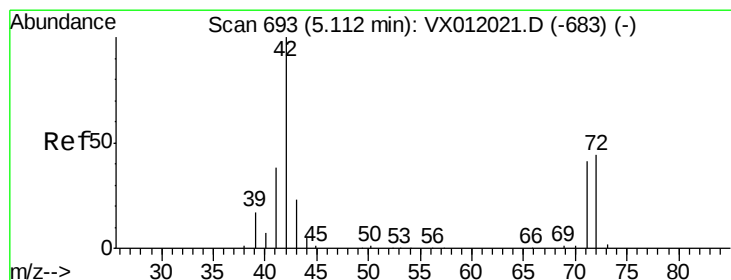
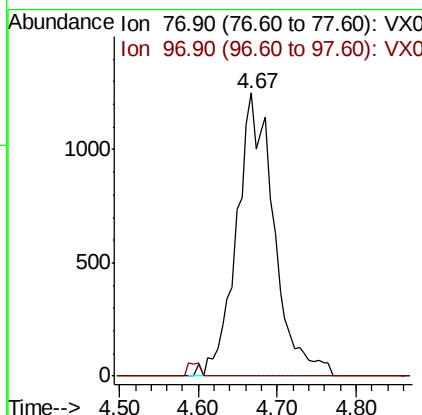
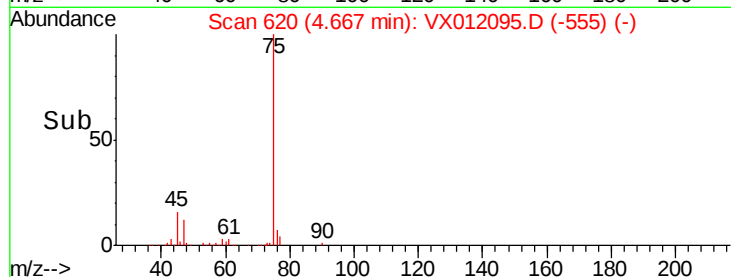
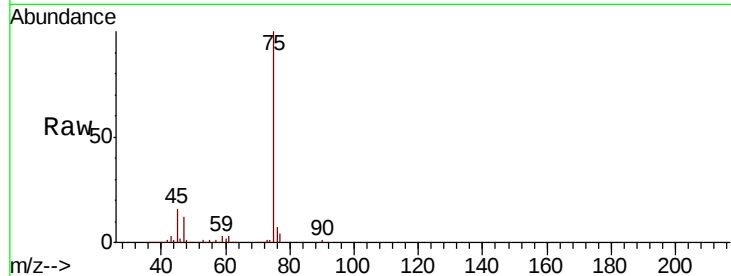




#26
 2,2-Dichloropropane
 Concen: 1.414 ug/l
 RT: 4.67 min Scan# 620
 Delta R.T. 0.10 min
 Lab File: VX012095.D
 Acq: 05 Sep 2019 12:32

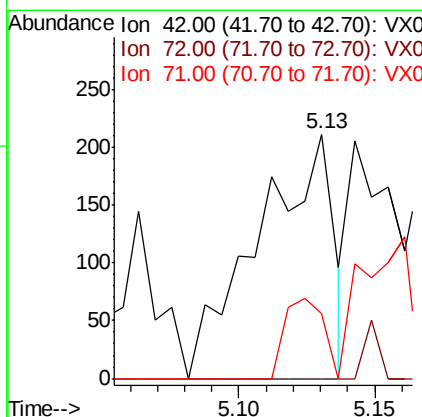
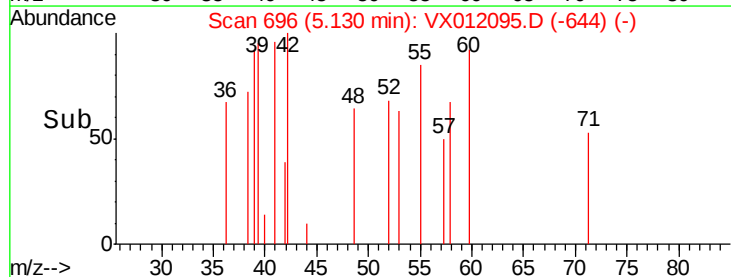
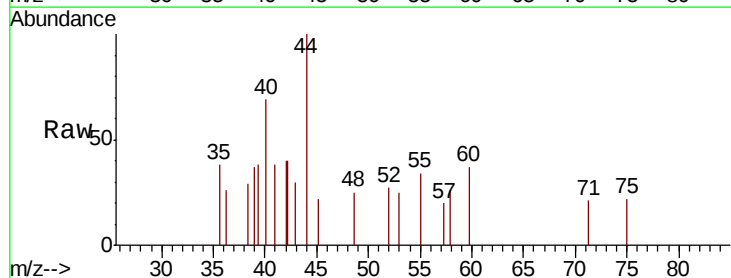
Instrument :
 MSVOA_X
 ClientSampled :
 SB-1

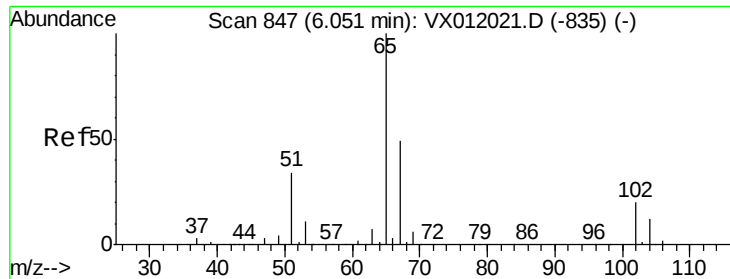
Tgt Ion: 77 Resp: 4145
 Ion Ratio Lower Upper
 77 100
 97 0.0 11.5 34.5#



#29
 Tetrahydrofuran
 Concen: 1.062 ug/l
 RT: 5.13 min Scan# 696
 Delta R.T. 0.02 min
 Lab File: VX012095.D
 Acq: 05 Sep 2019 12:32

Tgt Ion: 42 Resp: 405
 Ion Ratio Lower Upper
 42 100
 72 0.0 37.0 55.4#
 71 16.8 33.8 50.8#

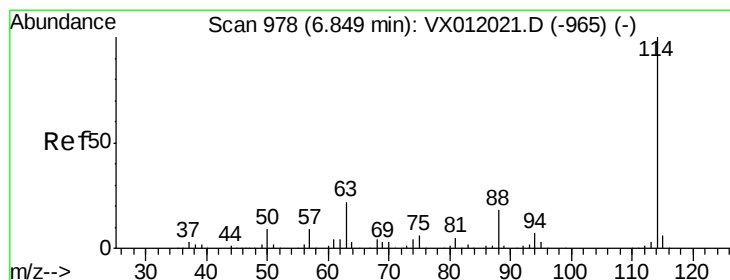
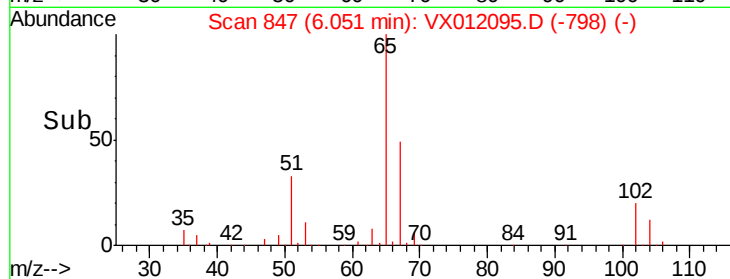
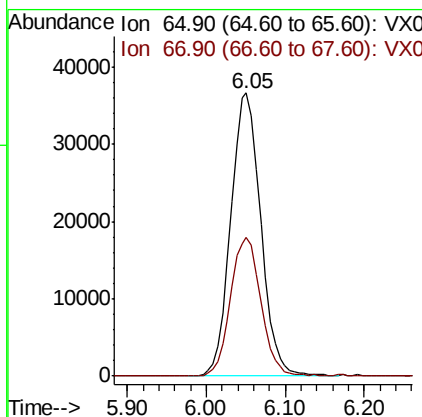
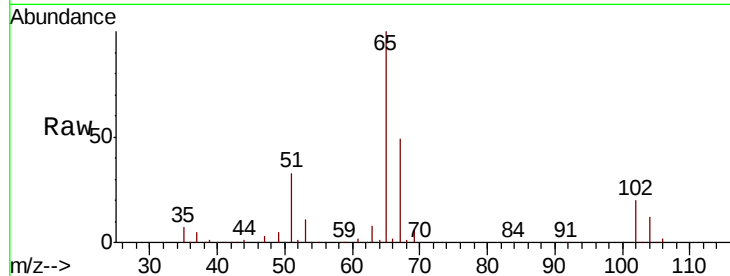




#33
 1,2-Dichloroethane-d4
 Concen: 46.679 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012095.D
 Acq: 05 Sep 2019 12:32

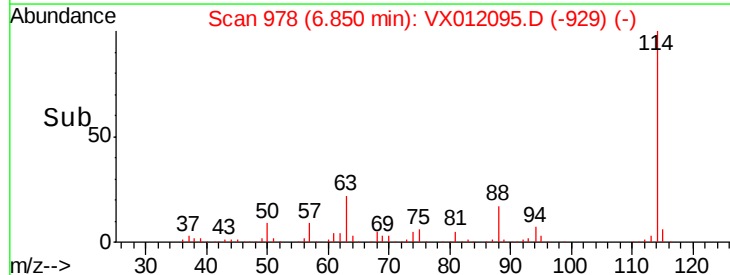
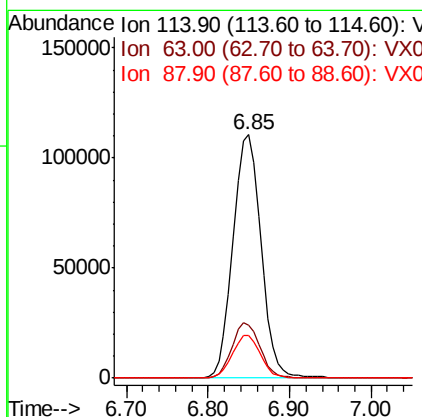
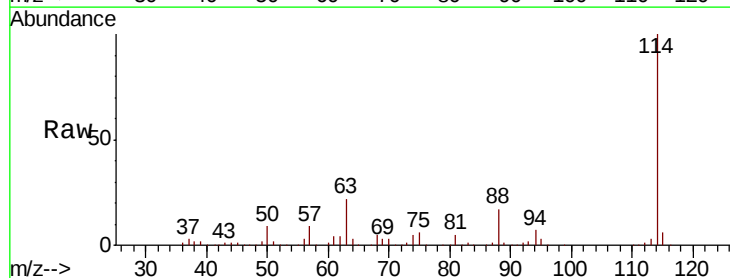
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1

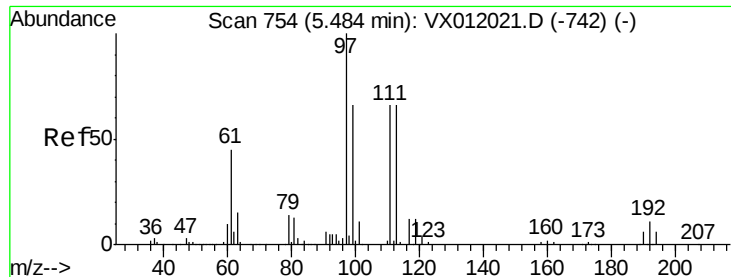
Tgt Ion: 65 Resp: 97066
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012095.D
 Acq: 05 Sep 2019 12:32

Tgt Ion: 114 Resp: 262685
 Ion Ratio Lower Upper
 114 100
 63 21.9 0.0 37.4
 88 17.5 0.0 29.6

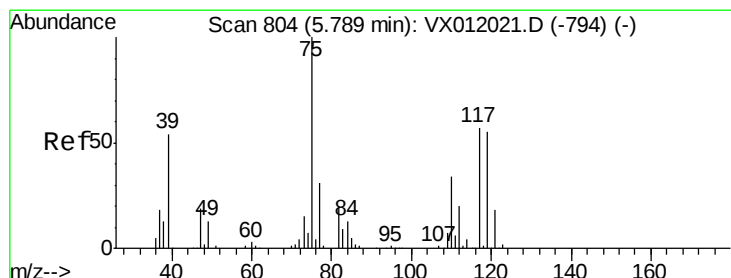
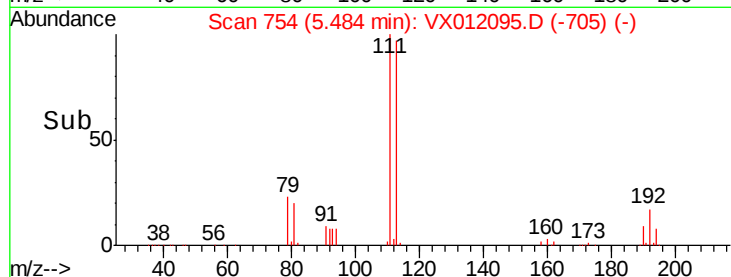
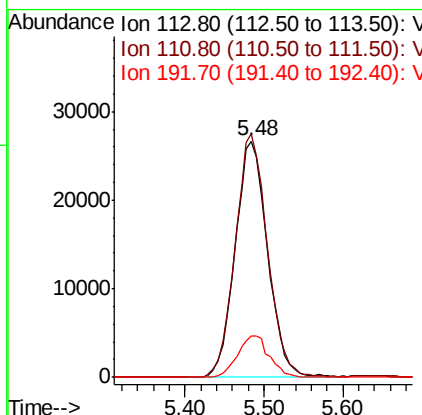
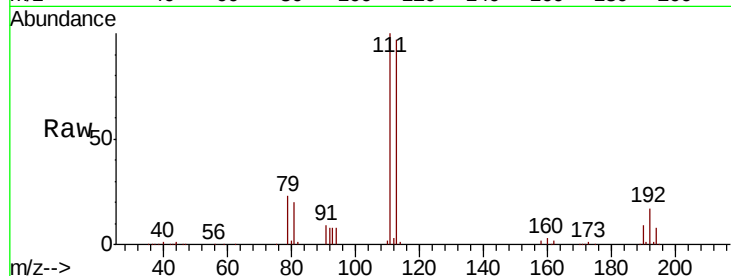




#35
 Dibromofluoromethane
 Concen: 47.218 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012095.D
 Acq: 05 Sep 2019 12:32

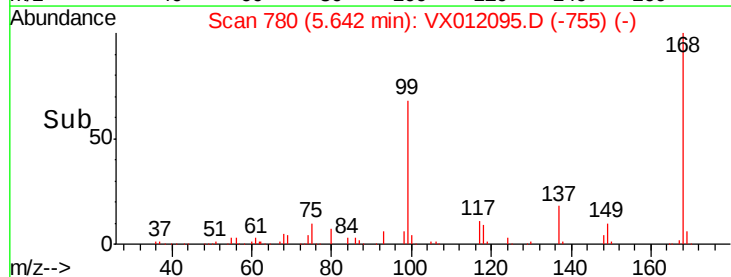
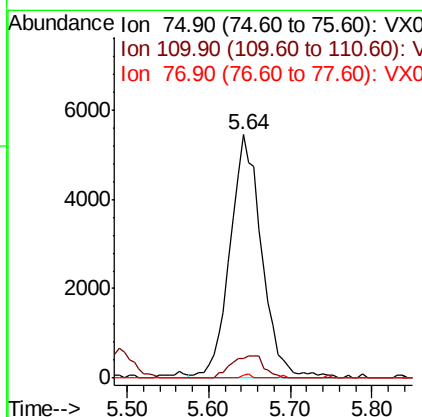
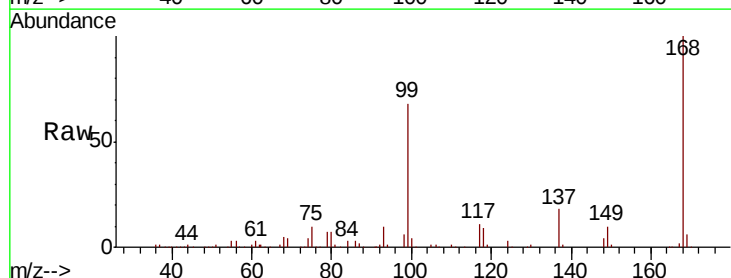
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-1

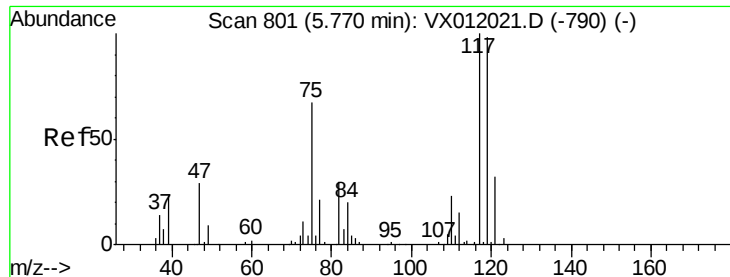
Tgt Ion:113 Resp: 76278
 Ion Ratio Lower Upper
 113 100
 111 102.5 81.7 122.5
 192 17.1 22.5 33.7#



#36
 1,1-Dichloropropene
 Concen: 6.324 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.15 min
 Lab File: VX012095.D
 Acq: 05 Sep 2019 12:32

Tgt Ion: 75 Resp: 14632
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.5 58.5#
 77 0.3 24.6 37.0#

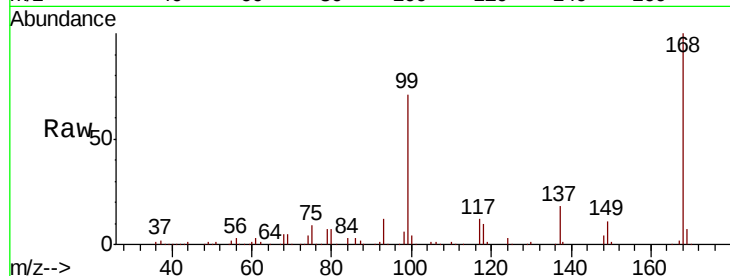




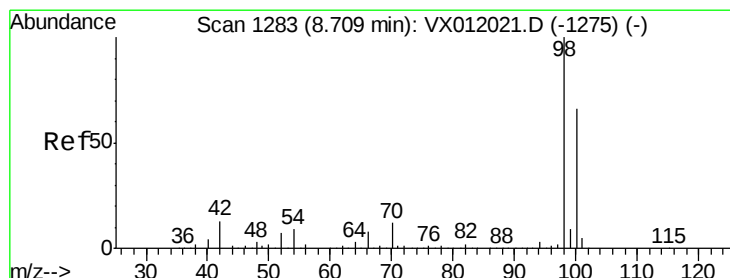
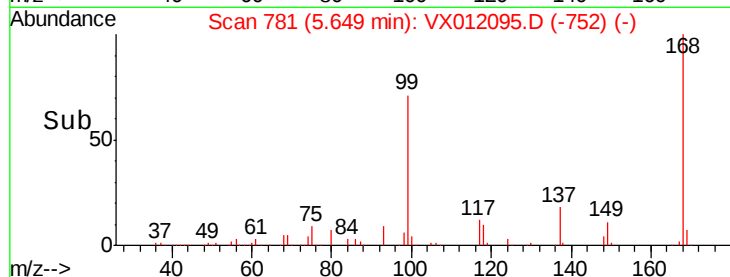
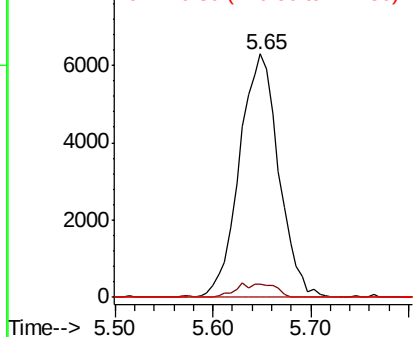
#38
Carbon Tetrachloride
Concen: 7.205 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.12 min
Lab File: VX012095.D
Acq: 05 Sep 2019 12:32

Instrument :
MSVOA_X
ClientSampleId :
SB-1

Tgt Ion:117 Resp: 17566
Ion Ratio Lower Upper
117 100
119 5.7 78.3 117.5#
121 0.0 24.2 36.2#

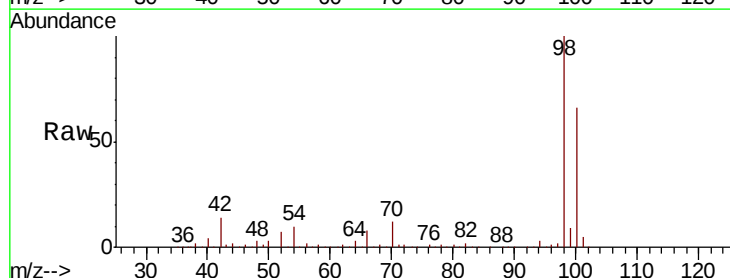


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

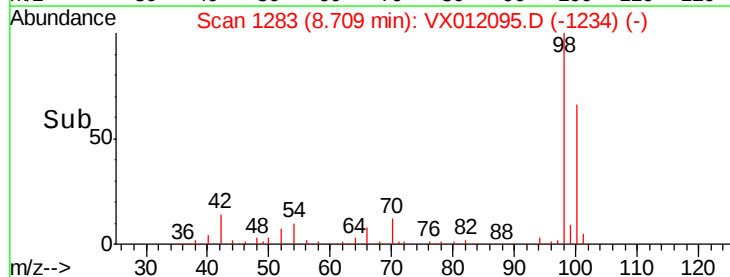
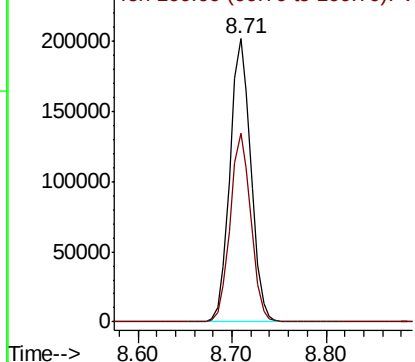


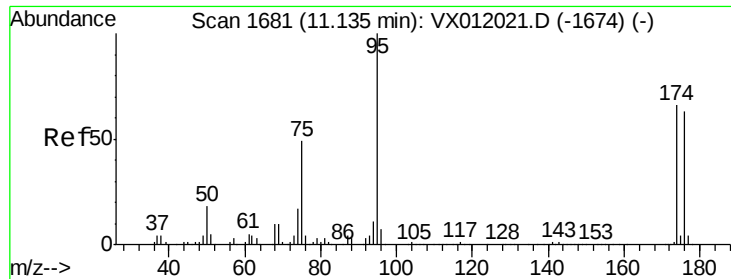
#50
Toluene-d8
Concen: 52.532 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012095.D
Acq: 05 Sep 2019 12:32

Tgt Ion: 98 Resp: 311406
Ion Ratio Lower Upper
98 100
100 65.7 53.3 79.9



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





#62

4-Bromofluorobenzene

Concen: 43.340 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012095.D

Acq: 05 Sep 2019 12:32

Instrument :

MSVOA_X

ClientSampled :

SB-1

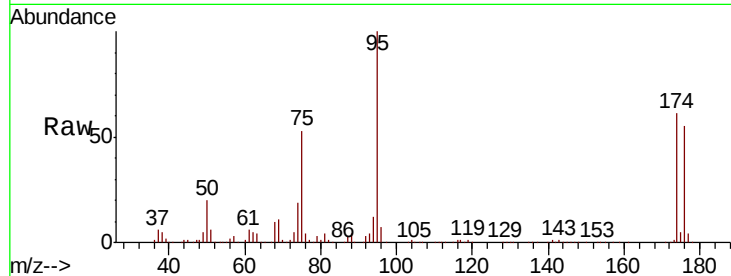
Tgt Ion: 95 Resp: 119480

Ion Ratio Lower Upper

95 100

174 65.8 0.0 205.4

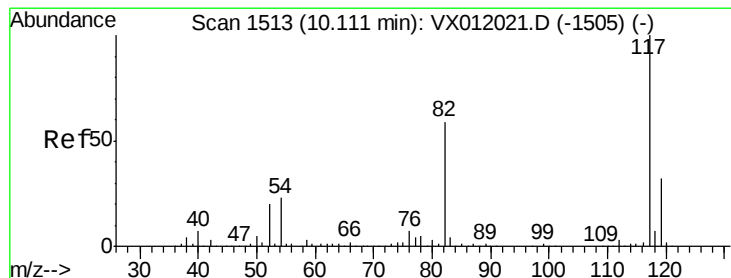
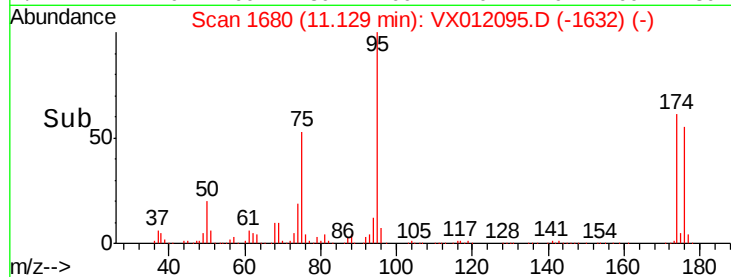
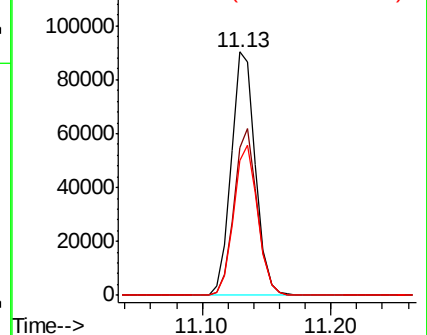
176 60.9 0.0 201.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1512

Delta R.T. -0.01 min

Lab File: VX012095.D

Acq: 05 Sep 2019 12:32

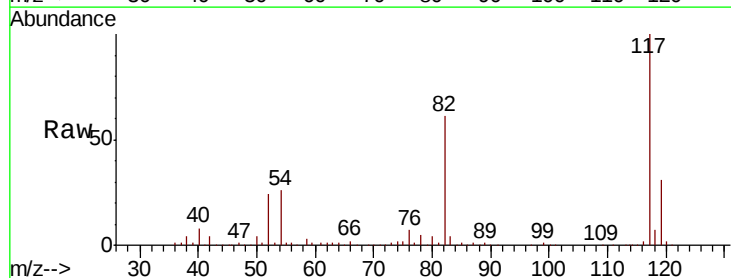
Tgt Ion: 117 Resp: 226702

Ion Ratio Lower Upper

117 100

82 60.8 39.4 59.0#

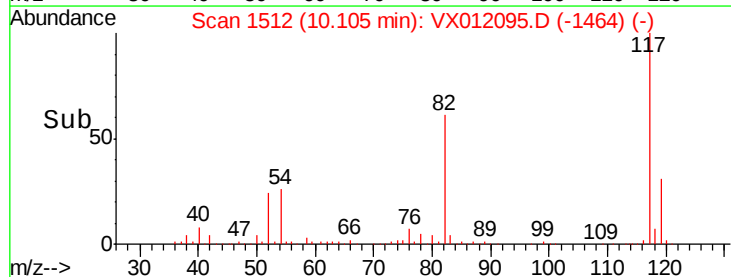
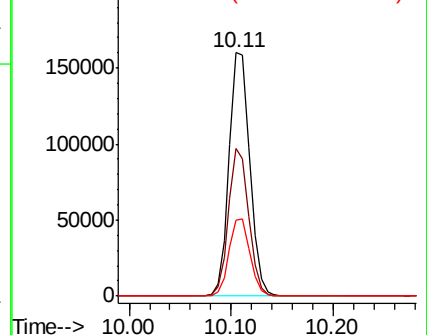
119 31.3 26.1 39.1

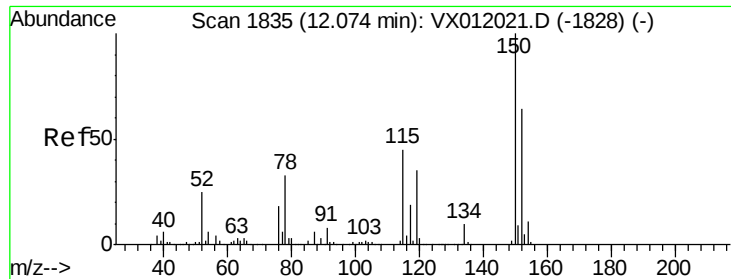


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX012095.D

Acq: 05 Sep 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

SB-1

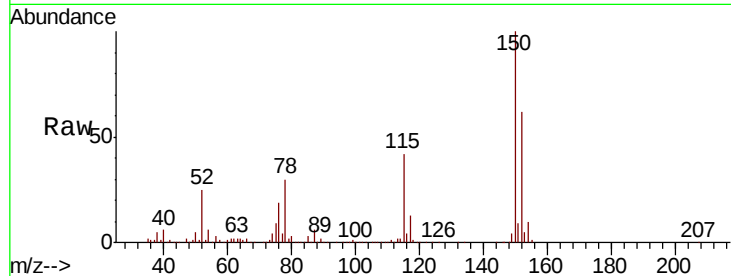
Tgt Ion:152 Resp: 97562

Ion Ratio Lower Upper

152 100

115 66.9 36.4 109.3

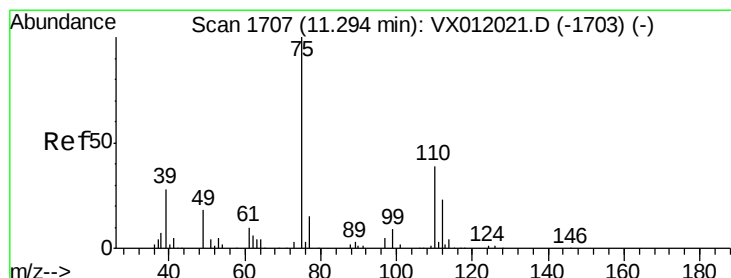
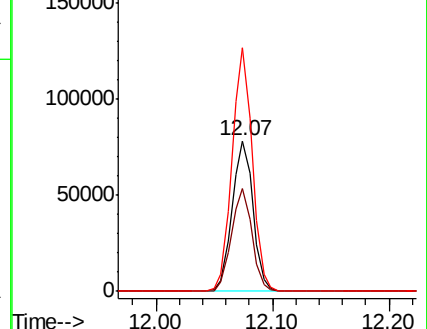
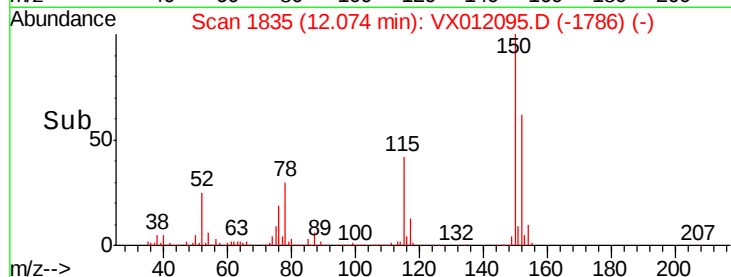
150 156.1 0.0 341.2



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: 52.413 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012095.D

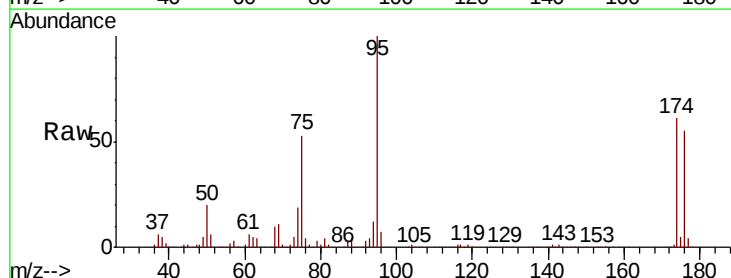
Acq: 05 Sep 2019 12:32

Tgt Ion: 75 Resp: 62479

Ion Ratio Lower Upper

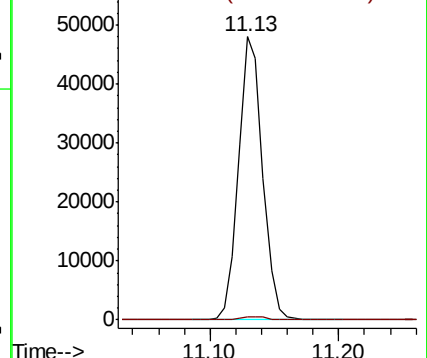
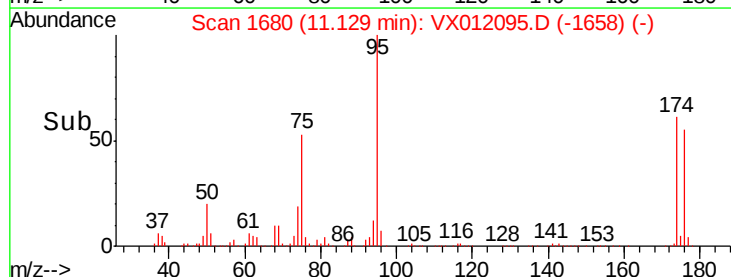
75 100

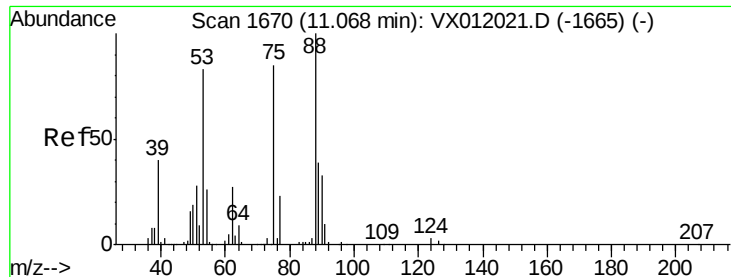
77 1.3 23.5 70.5#



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: 123.912 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012095.D

Acq: 05 Sep 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

SB-1

Tgt Ion: 75 Resp: 62479

Ion Ratio Lower Upper

75 100

53 0.1 78.6 117.8#

89 0.1 38.8 58.2#

