

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090519\
 Data File : VX012096.D
 Acq On : 05 Sep 2019 13:00
 Operator : SY/SP
 Sample : K4538-02
 Misc : 5.13g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SB-2

Quant Time: Sep 06 05:41:15 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	149915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	261622	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	234601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	102499	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	103392	49.98	ug/l	0.00
Spiked Amount			Recovery	=	99.96%	
35) Dibromofluoromethane	5.48	113	77250	48.01	ug/l	0.00
Spiked Amount			Recovery	=	96.02%	
50) Toluene-d8	8.71	98	314704	53.30	ug/l	0.00
Spiked Amount			Recovery	=	106.60%	
62) 4-Bromofluorobenzene	11.14	95	125775	45.81	ug/l	0.00
Spiked Amount			Recovery	=	91.62%	

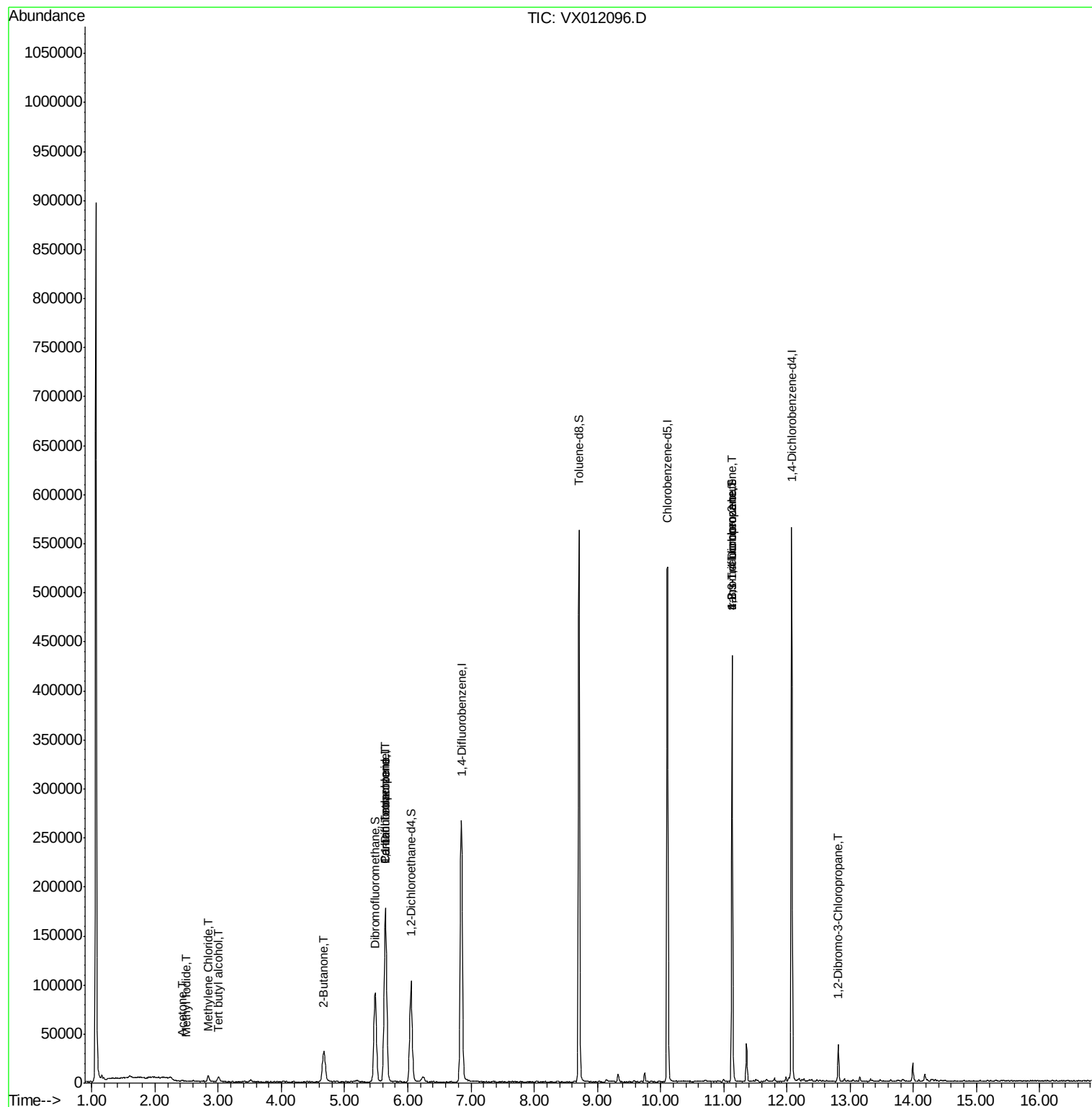
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.49	142	19	6.999	ug/l #	40
11) Tert butyl alcohol	3.01	59	3444	17.334	ug/l #	82
13) Acrolein	2.26	56	95	Below Cal	#	12
16) Acetone	2.43	43	1097	2.219	ug/l	99
20) Methylene Chloride	2.84	84	2902	1.462	ug/l	94
25) 2-Butanone	4.66	43	2509	3.987	ug/l #	48
36) 1,1-Dichloropropene	5.65	75	14102	6.120	ug/l #	49
38) Carbon Tetrachloride	5.65	117	17267	7.111	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	64787	51.731	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.13	75	64787	122.300	ug/l #	10
92) 1,2-Dibromo-3-Chloropropan	12.81	75	1225	3.734	ug/l #	1

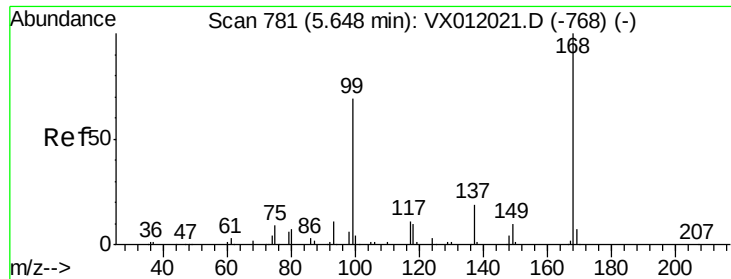
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090519\
Data File : VX012096.D
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Misc : 5.13g/5.0mL/MSVOA_X/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SB-2

Quant Time: Sep 06 05:41:15 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: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012096.D

Acq: 05 Sep 2019 13:00

Instrument :

MSVOA_X

ClientSampled :

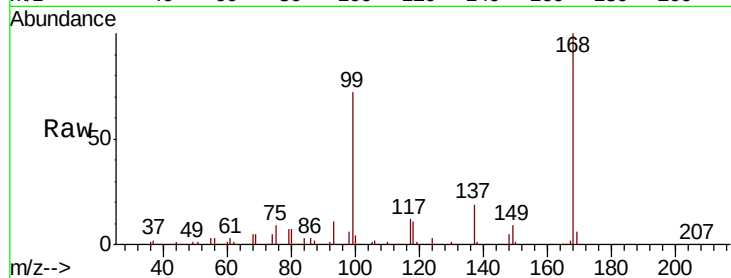
SB-2

Tgt Ion:168 Resp: 149915

Ion Ratio Lower Upper

168 100

99 71.6 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

50000

40000

30000

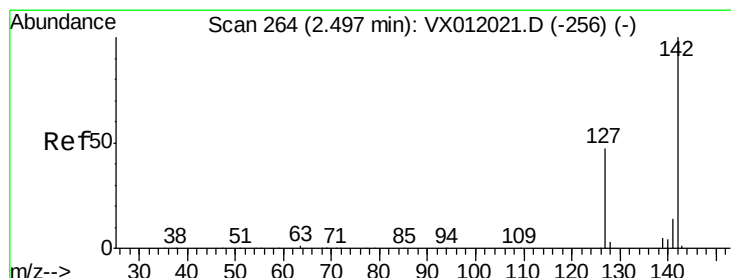
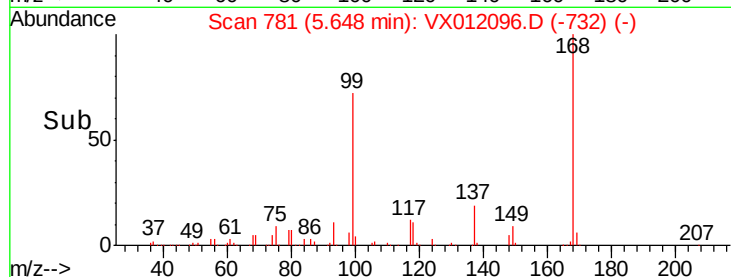
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 6.999 ug/l

RT: 2.49 min Scan# 263

Delta R.T. -0.01 min

Lab File: VX012096.D

Acq: 05 Sep 2019 13:00

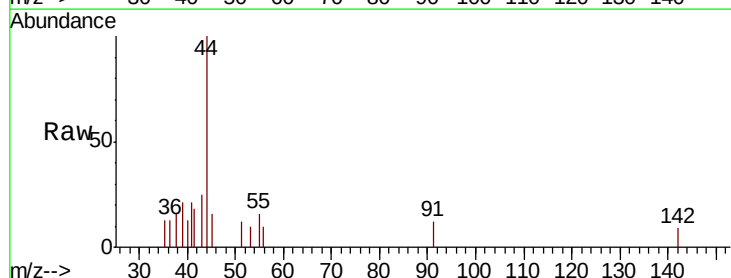
Tgt Ion:142 Resp: 19

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

100

80

60

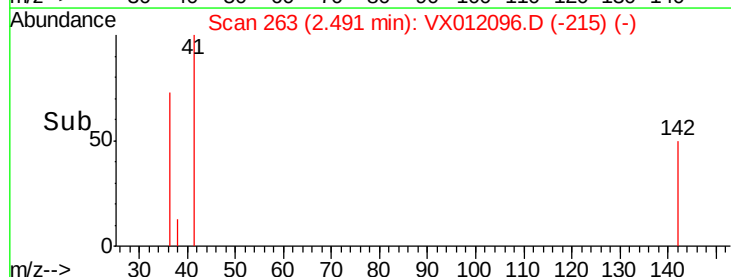
40

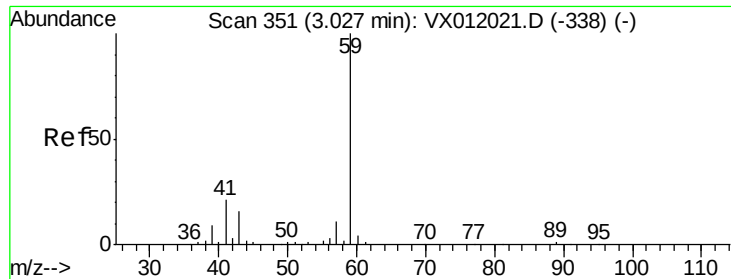
20

0

Time-->

2.47 2.48 2.49 2.50 2.51



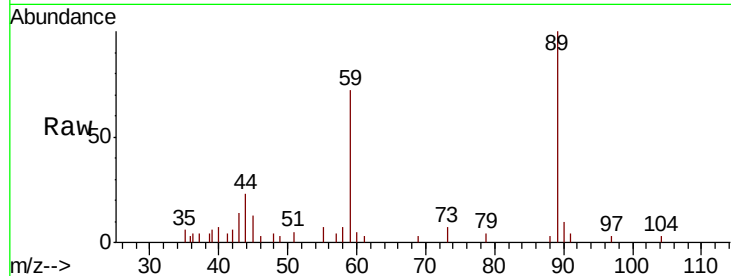


#11

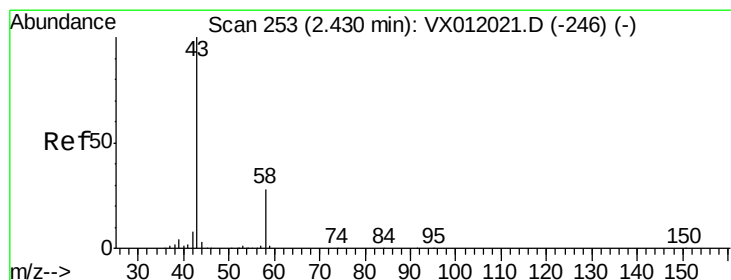
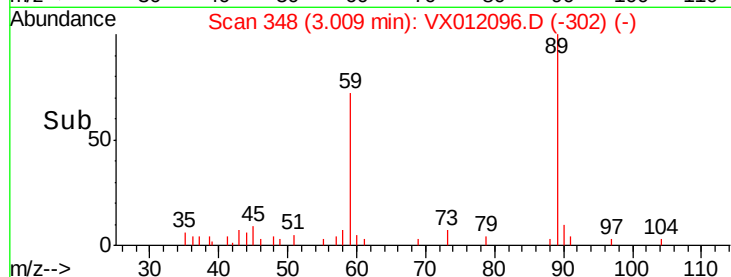
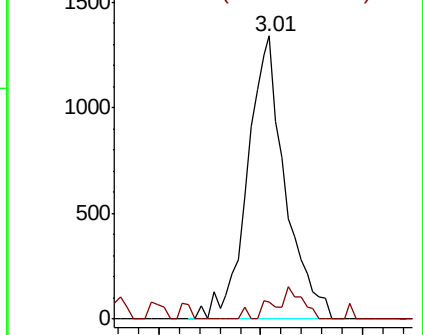
Tert butyl alcohol
 Concen: 17.334 ug/l
 RT: 3.01 min Scan# 348
 Delta R.T. -0.02 min
 Lab File: VX012096.D
 Acq: 05 Sep 2019 13:00

Instrument :
 MSVOA_X
 ClientSampled :
 SB-2

Tgt Ion: 59 Resp: 3444
 Ion Ratio Lower Upper
 59 100
 57 3.1 7.9 11.9#



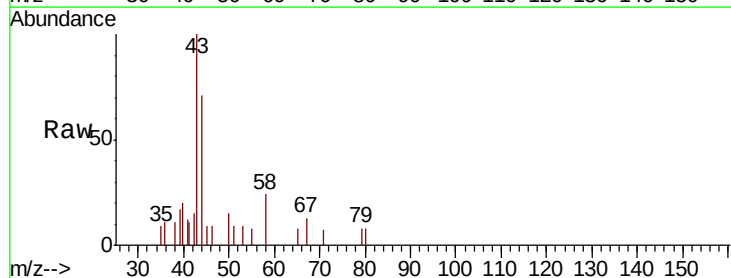
Abundance Ion 59.00 (58.70 to 59.70): VX0
 Ion 57.00 (56.70 to 57.70): VX0



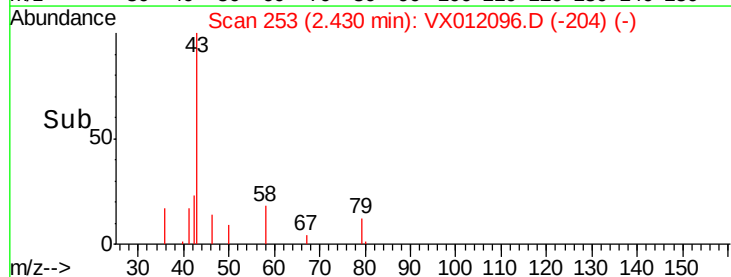
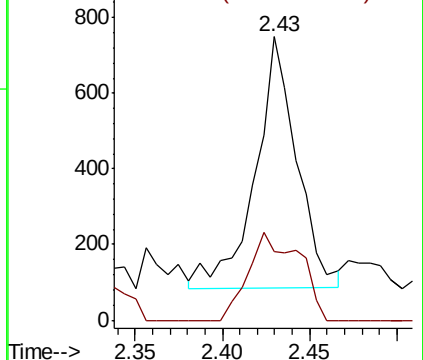
#16

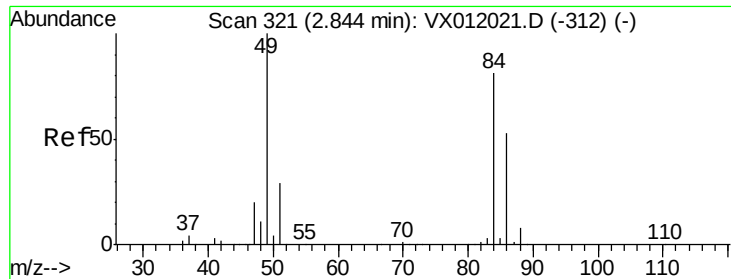
Acetone
 Concen: 2.219 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX012096.D
 Acq: 05 Sep 2019 13:00

Tgt Ion: 43 Resp: 1097
 Ion Ratio Lower Upper
 43 100
 58 27.9 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

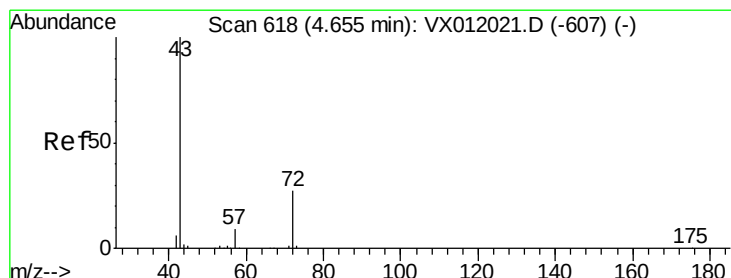
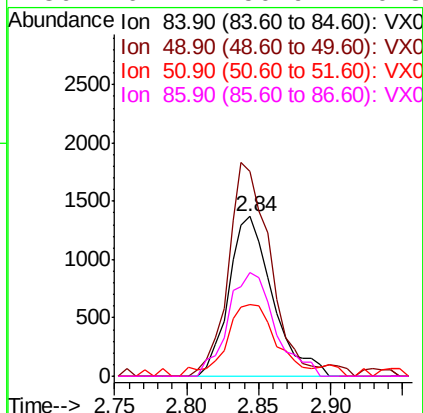
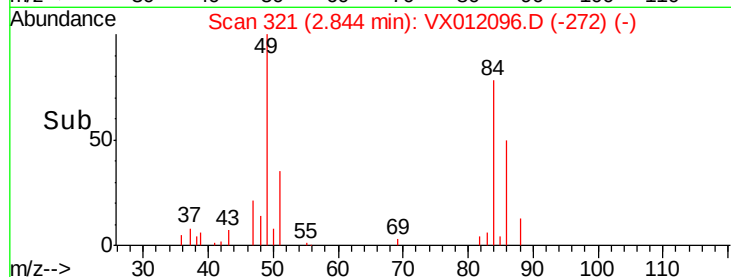
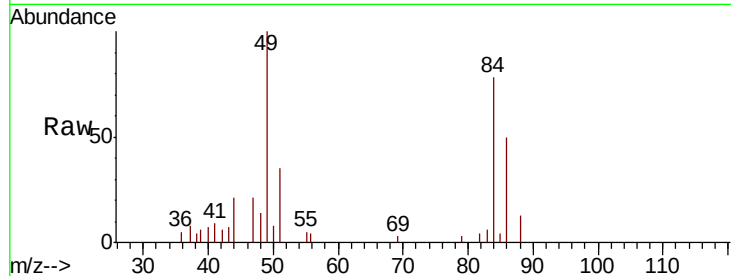




#20
Methylene Chloride
Concen: 1.462 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012096.D
Acq: 05 Sep 2019 13:00

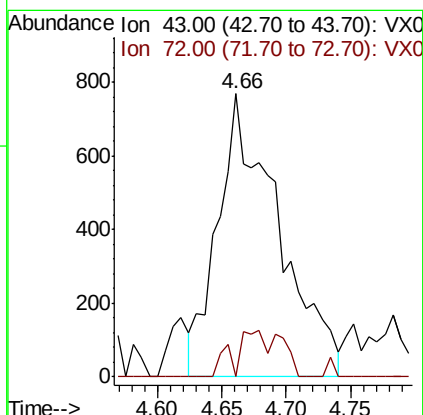
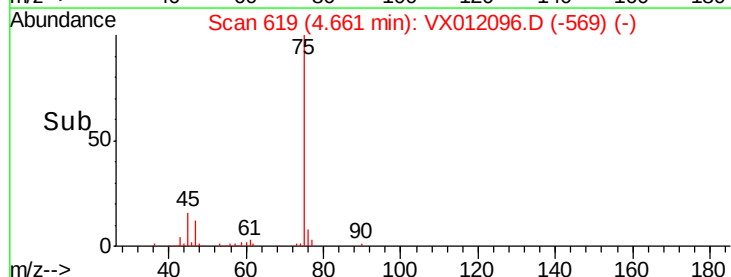
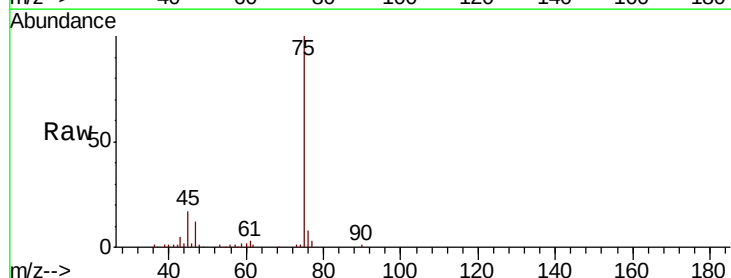
Instrument :
MSVOA_X
ClientSampled :
SB-2

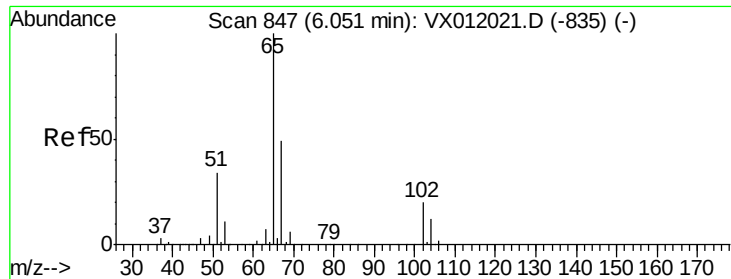
Tgt Ion:	84	Resp:	2902
Ion	Ratio	Lower	Upper
84	100		
49	128.3	95.8	143.8
51	39.6	28.6	43.0
86	64.7	50.9	76.3



#25
2-Butanone
Concen: 3.987 ug/l
RT: 4.66 min Scan# 619
Delta R.T. 0.01 min
Lab File: VX012096.D
Acq: 05 Sep 2019 13:00

Tgt Ion:	43	Resp:	2509
Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.3	31.9#

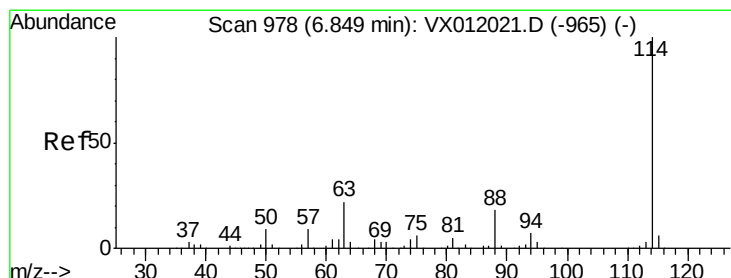
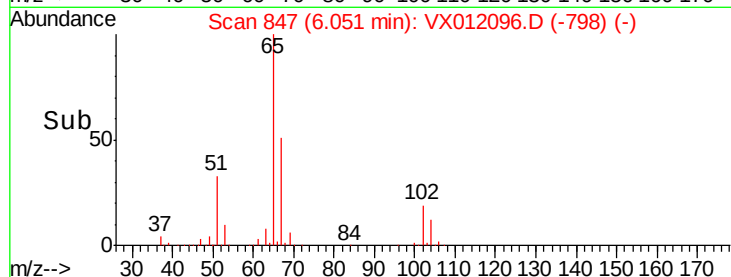
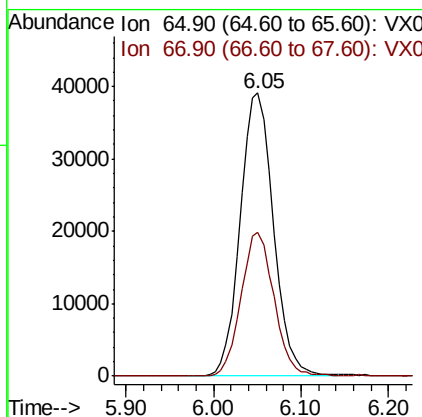
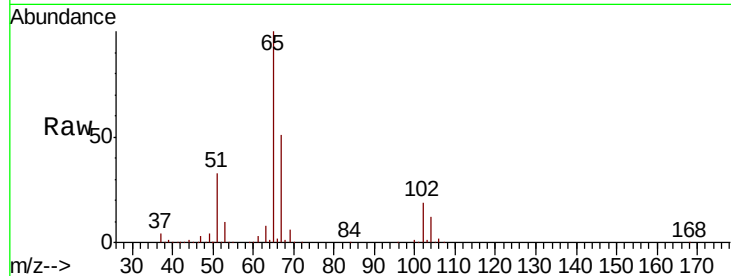




#33
 1,2-Dichloroethane-d4
 Concen: 49.983 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012096.D
 Acq: 05 Sep 2019 13:00

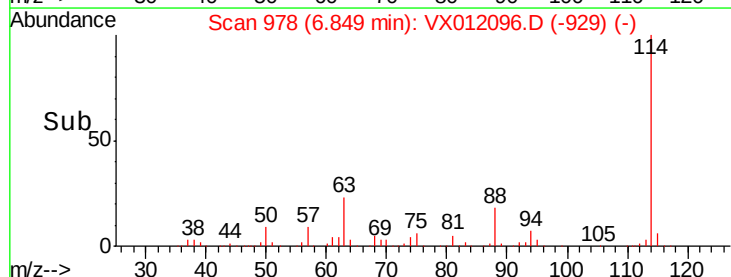
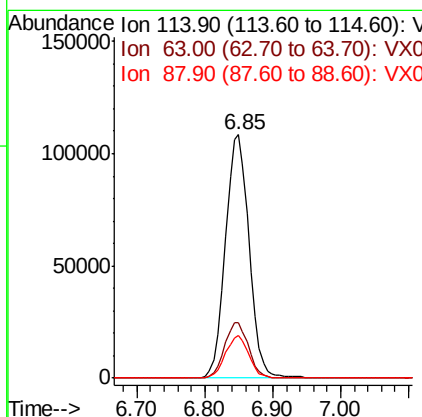
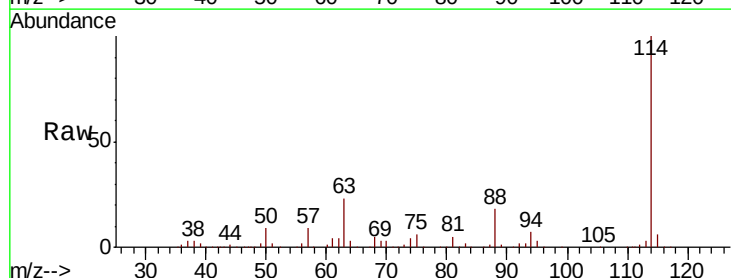
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-2

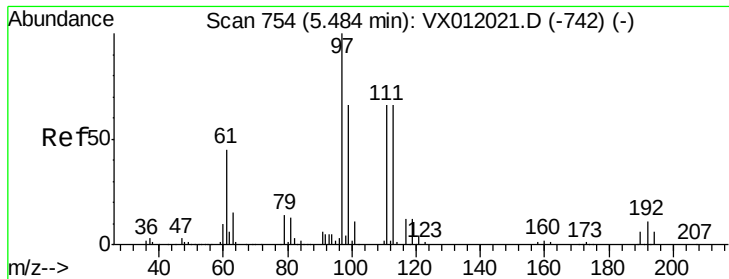
Tgt Ion: 65 Resp: 103392
 Ion Ratio Lower Upper
 65 100
 67 50.6 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012096.D
 Acq: 05 Sep 2019 13:00

Tgt Ion: 114 Resp: 261622
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 37.4
 88 17.6 0.0 29.6

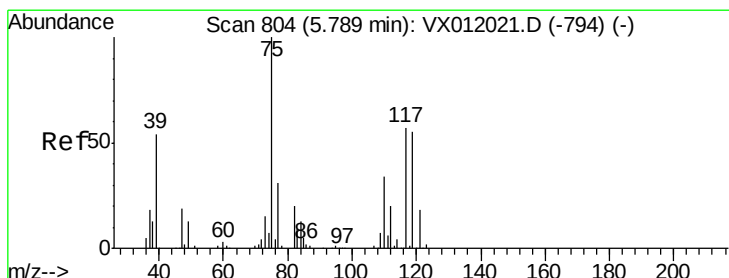
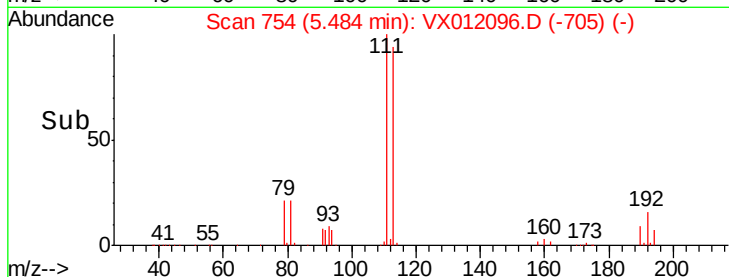
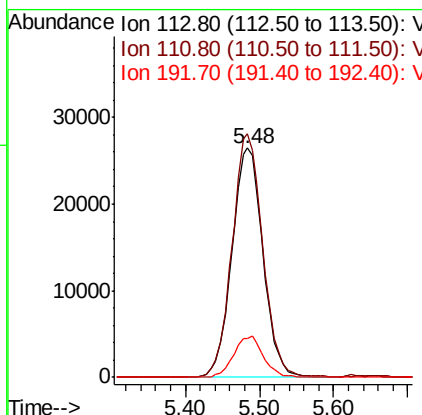
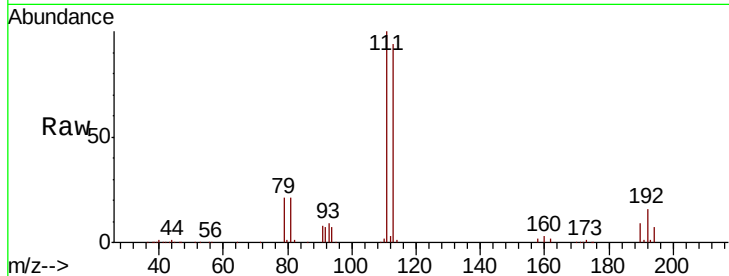




#35
 Dibromofluoromethane
 Concen: 48.014 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012096.D
 Acq: 05 Sep 2019 13:00

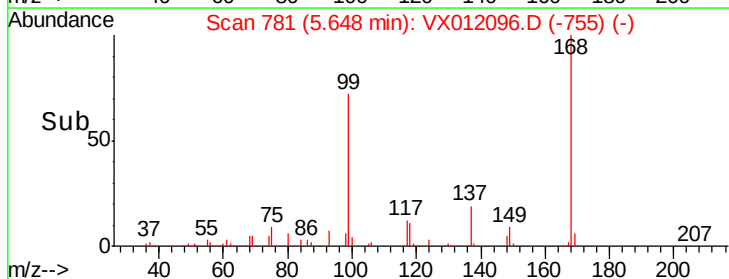
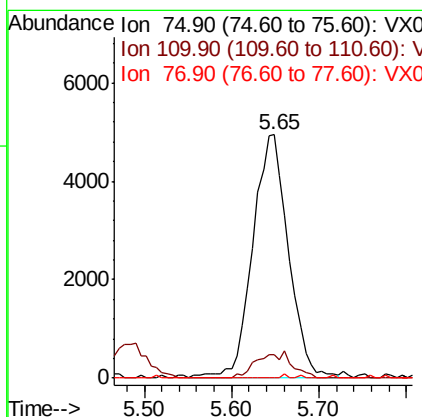
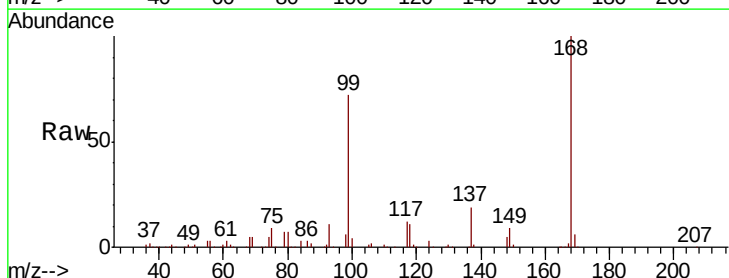
Instrument :
 MSVOA_X
 ClientSampleId :
 SB-2

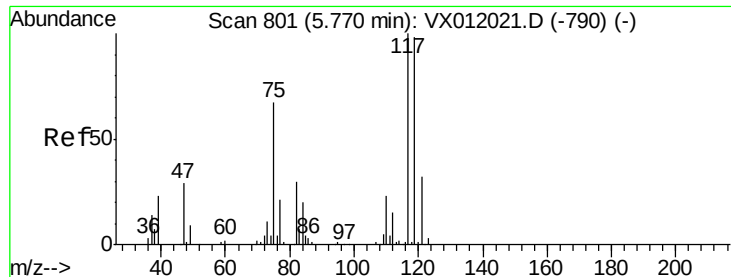
Tgt Ion:113 Resp: 77250
 Ion Ratio Lower Upper
 113 100
 111 104.6 81.7 122.5
 192 17.2 22.5 33.7#



#36
 1,1-Dichloropropene
 Concen: 6.120 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012096.D
 Acq: 05 Sep 2019 13:00

Tgt Ion: 75 Resp: 14102
 Ion Ratio Lower Upper
 75 100
 110 10.5 19.5 58.5#
 77 0.2 24.6 37.0#

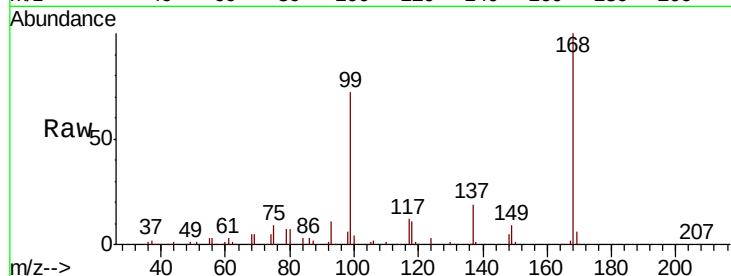




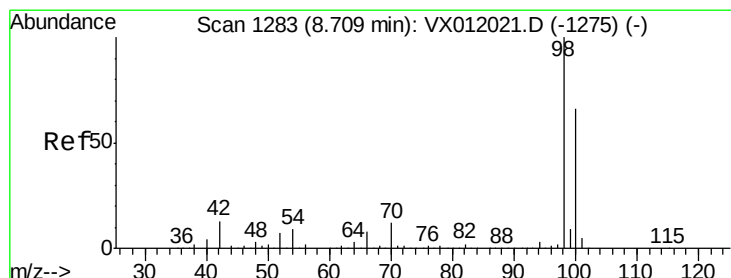
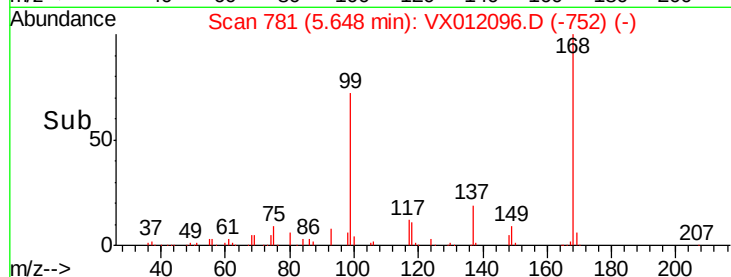
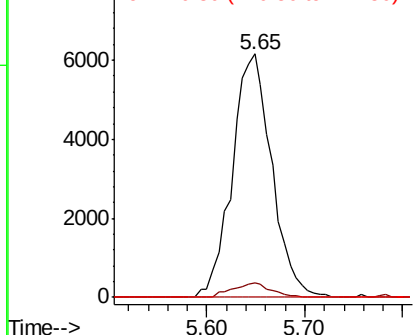
#38
Carbon Tetrachloride
Concen: 7.111 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.12 min
Lab File: VX012096.D
Acq: 05 Sep 2019 13:00

Instrument :
MSVOA_X
ClientSampleId :
SB-2

Tgt Ion:117 Resp: 17267
Ion Ratio Lower Upper
117 100
119 5.9 78.3 117.5#
121 0.0 24.2 36.2#

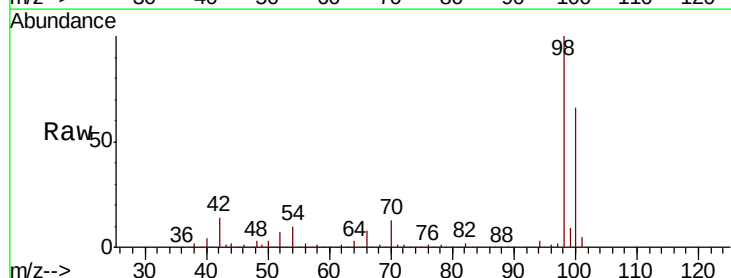


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

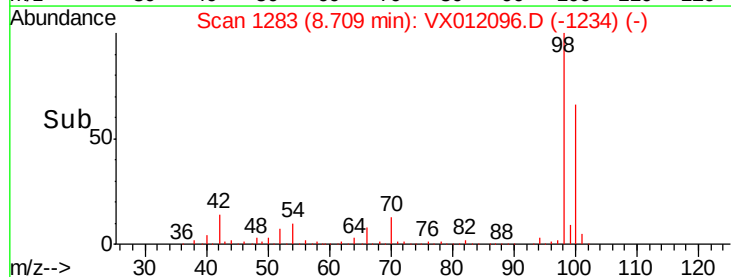
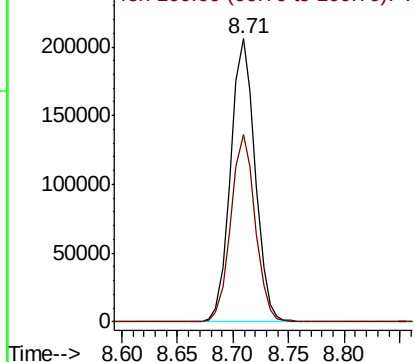


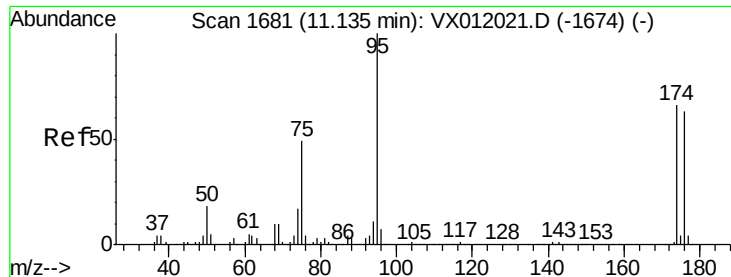
#50
Toluene-d8
Concen: 53.304 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012096.D
Acq: 05 Sep 2019 13:00

Tgt Ion: 98 Resp: 314704
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: 45.808 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012096.D

Acq: 05 Sep 2019 13:00

Instrument :

MSVOA_X

ClientSampled :

SB-2

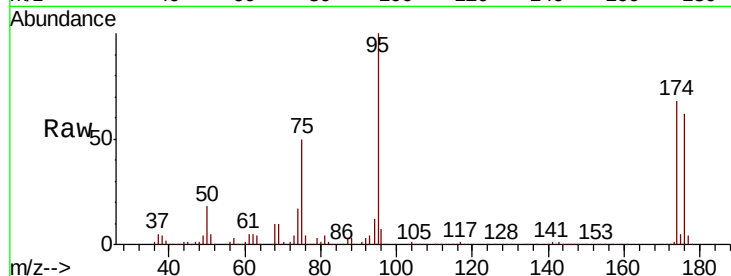
Tgt Ion: 95 Resp: 125775

Ion Ratio Lower Upper

95 100

174 64.1 0.0 205.4

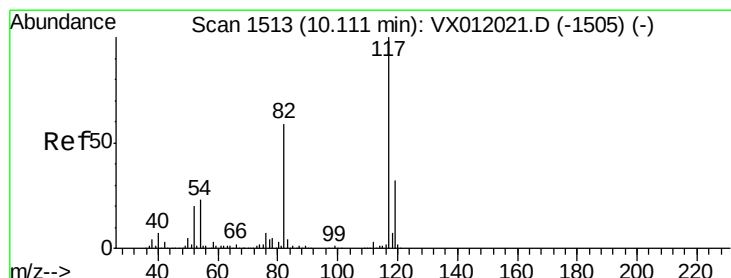
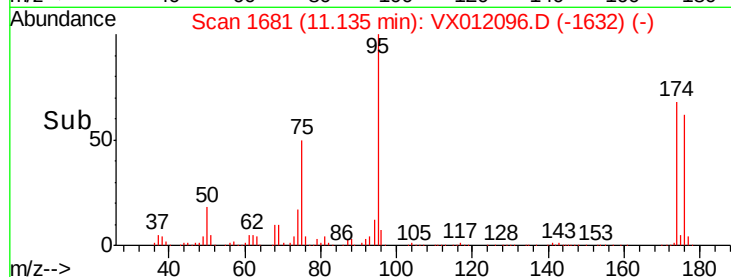
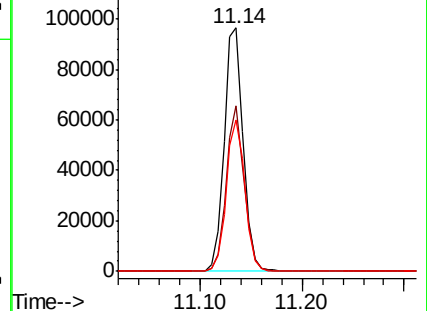
176 60.7 0.0 201.8



Abundance Ion 94.90 (94.60 to 95.60): VX012021.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012021.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012021.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012096.D

Acq: 05 Sep 2019 13:00

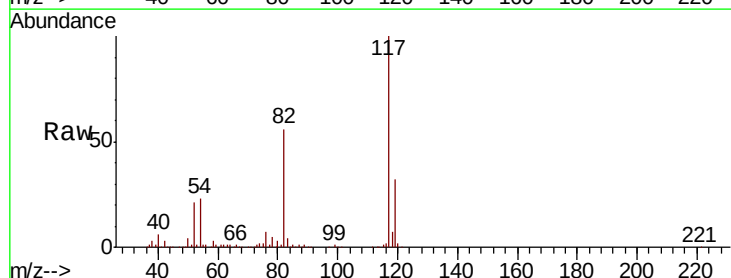
Tgt Ion: 117 Resp: 234601

Ion Ratio Lower Upper

117 100

82 56.4 39.4 59.0

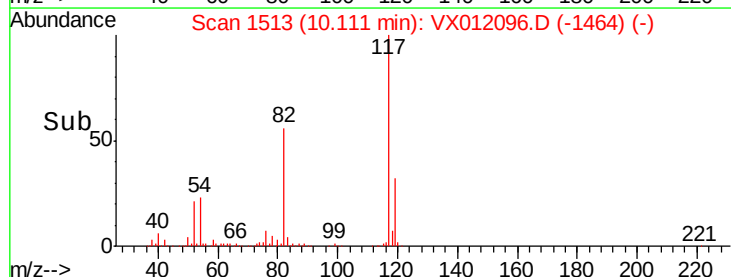
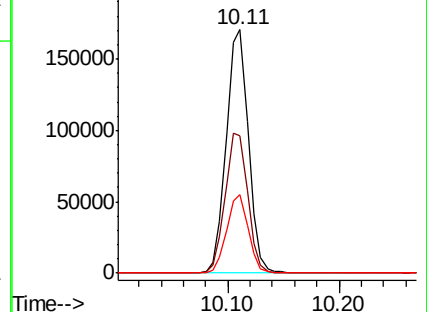
119 32.3 26.1 39.1

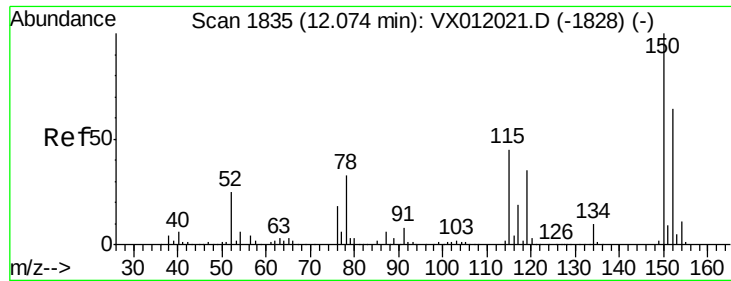


Abundance Ion 116.90 (116.60 to 117.60): VX012021.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX012021.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX012021.D (-1505) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012096.D

Acq: 05 Sep 2019 13:00

Instrument :

MSVOA_X

ClientSampled :

SB-2

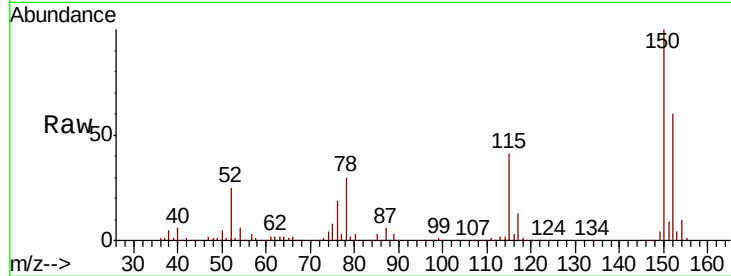
Tgt Ion:152 Resp: 102499

Ion Ratio Lower Upper

152 100

115 68.4 36.4 109.3

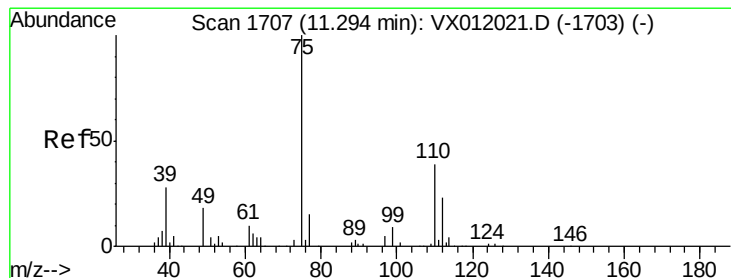
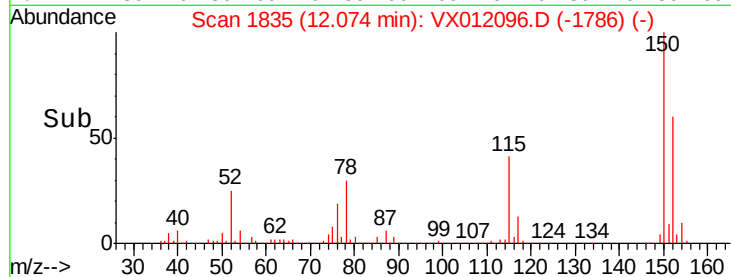
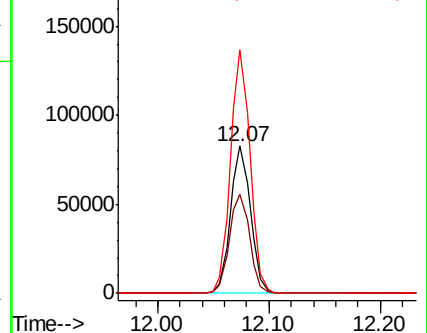
150 162.2 0.0 341.2



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: 51.731 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012096.D

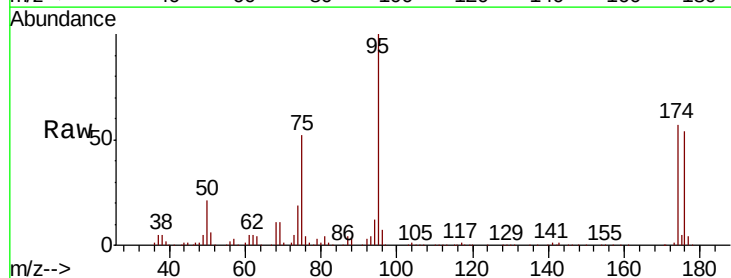
Acq: 05 Sep 2019 13:00

Tgt Ion: 75 Resp: 64787

Ion Ratio Lower Upper

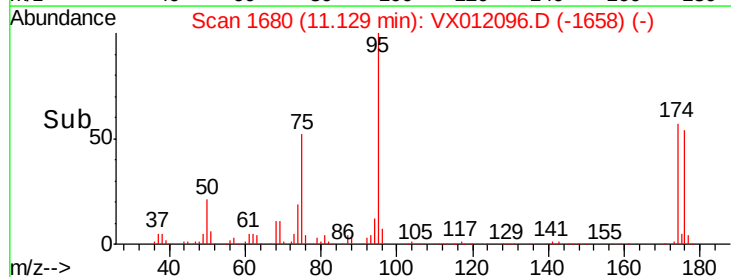
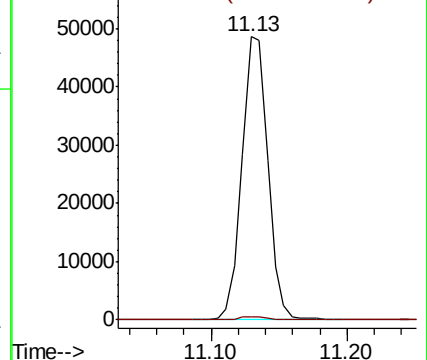
75 100

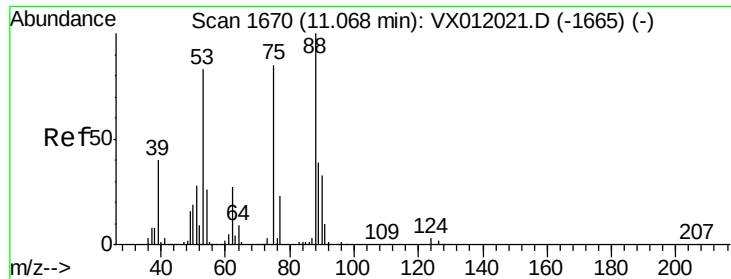
77 1.2 23.5 70.5#



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: 122.300 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012096.D

Acq: 05 Sep 2019 13:00

Instrument :

MSVOA_X

ClientSampleId :

SB-2

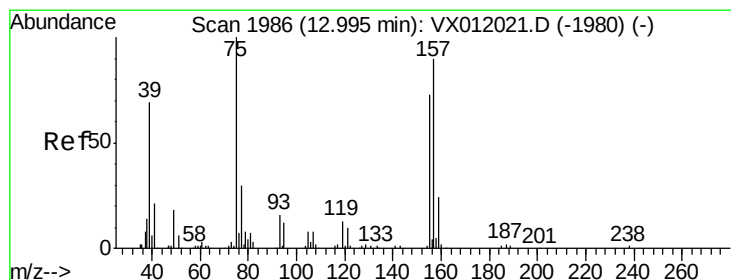
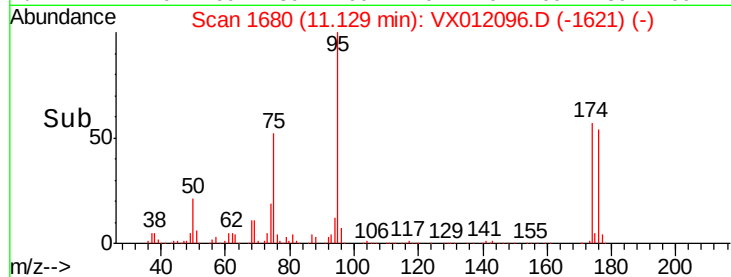
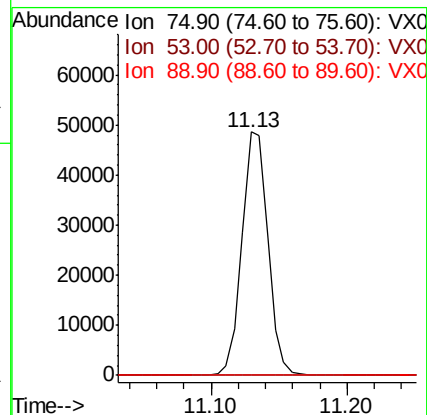
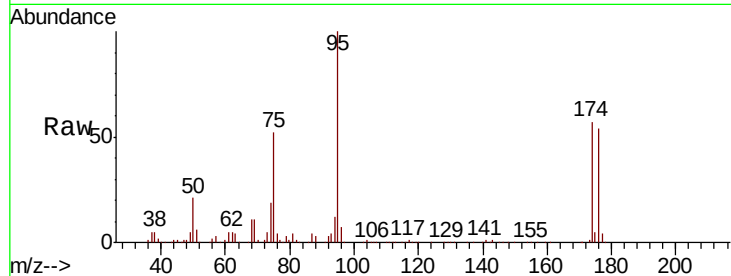
Tgt Ion: 75 Resp: 64787

Ion Ratio Lower Upper

75 100

53 0.0 78.6 117.8#

89 0.1 38.8 58.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.734 ug/l

RT: 12.81 min Scan# 1956

Delta R.T. -0.18 min

Lab File: VX012096.D

Acq: 05 Sep 2019 13:00

Tgt Ion: 75 Resp: 1225

Ion Ratio Lower Upper

75 100

155 3.3 51.7 155.2#

157 0.0 66.9 200.7#

