

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090319\
 Data File : VX012025.D
 Acq On : 03 Sep 2019 16:40
 Operator : SY/SP
 Sample : VX0903SBL01
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903SBL01

Quant Time: Sep 04 04:02:33 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

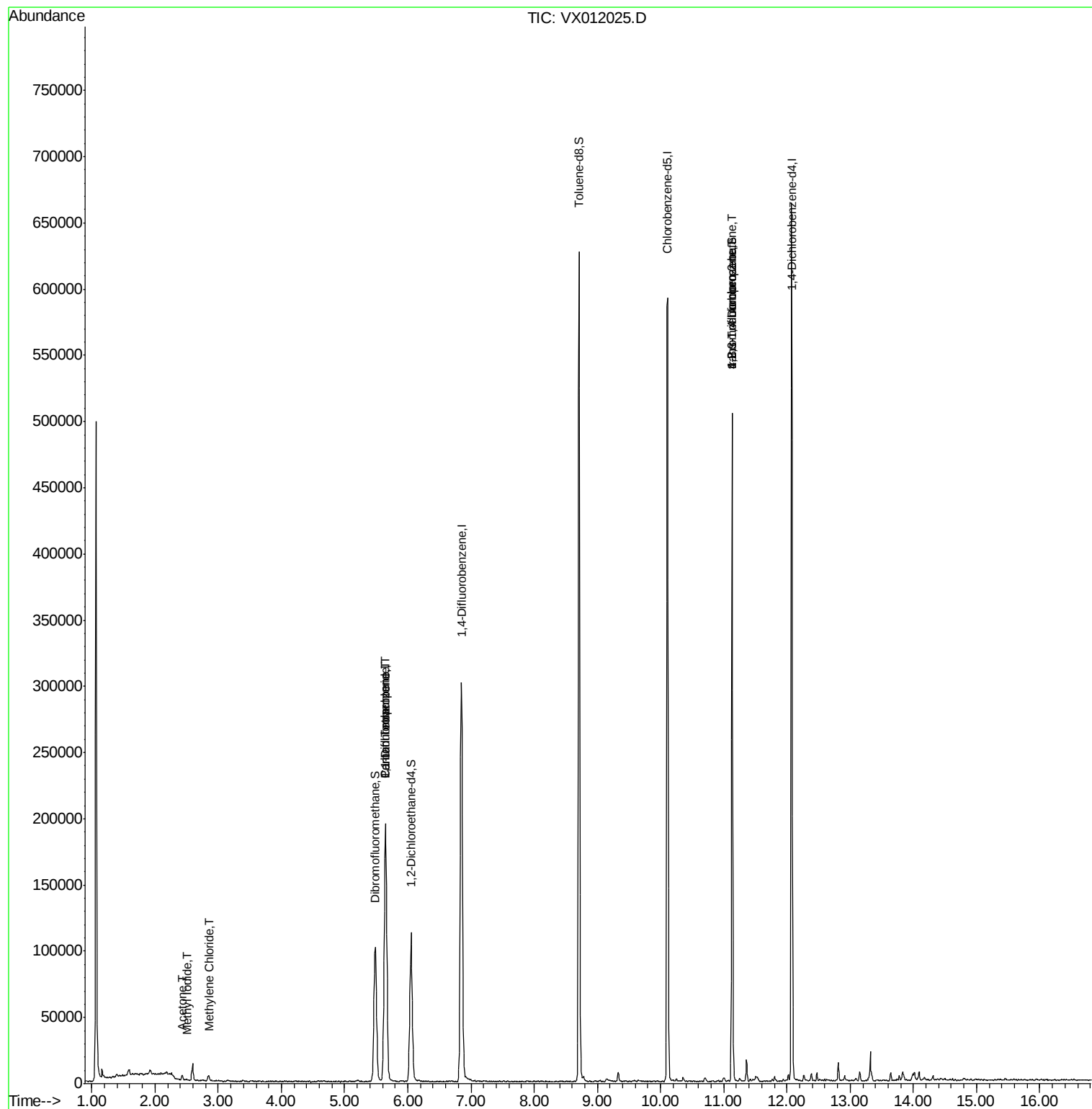
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	166395	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	296435	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264215	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122732	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	110818	48.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.54%	
35) Dibromofluoromethane	5.48	113	88245	48.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.82%	
50) Toluene-d8	8.71	98	356156	53.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.48%	
62) 4-Bromofluorobenzene	11.14	95	145440	46.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.50%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	2.51	142	538	7.257	ug/l #	92
13) Acrolein	2.26	56	165	Below Cal	#	24
16) Acetone	2.43	43	3709	6.759	ug/l #	89
20) Methylene Chloride	2.84	84	2207	1.002	ug/l	85
36) 1,1-Dichloropropene	5.64	75	15440	5.914	ug/l #	49
38) Carbon Tetrachloride	5.65	117	19232	6.991	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	74258	49.519	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	74258	117.070	ug/l #	10

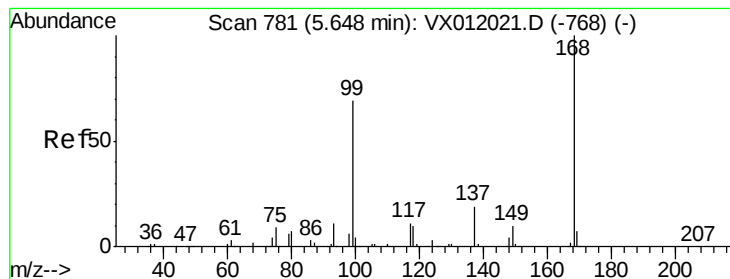
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090319\
Data File : VX012025.D
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Sample : VX0903SBL01
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0903SBL01

Quant Time: Sep 04 04:02:33 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: VX012025.D

Acq: 03 Sep 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

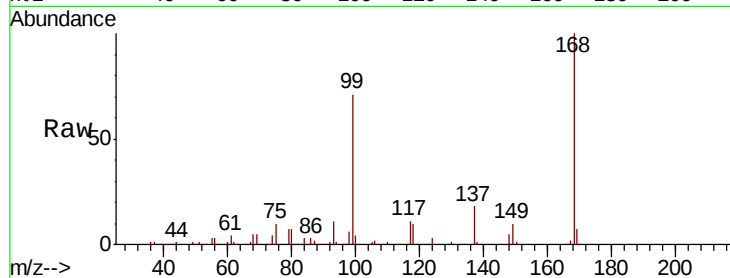
VX0903SBL01

Tgt Ion:168 Resp: 166395

Ion Ratio Lower Upper

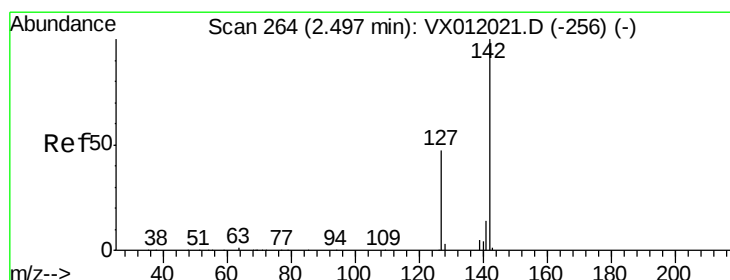
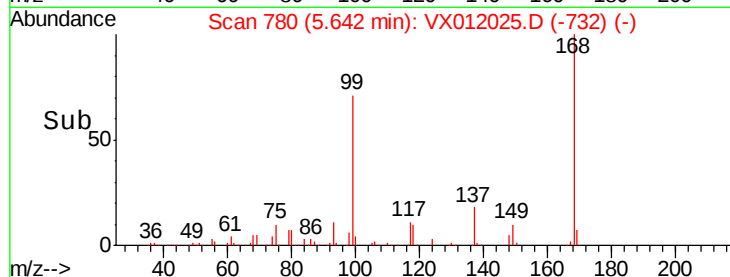
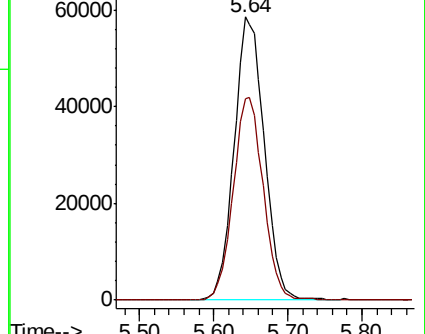
168 100

99 71.2 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 7.257 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX012025.D

Acq: 03 Sep 2019 16:40

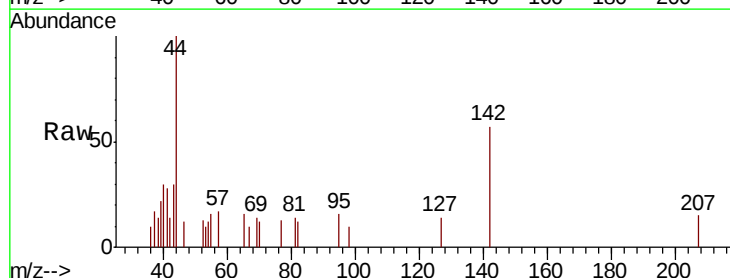
Tgt Ion:142 Resp: 538

Ion Ratio Lower Upper

142 100

127 41.1 35.4 53.2

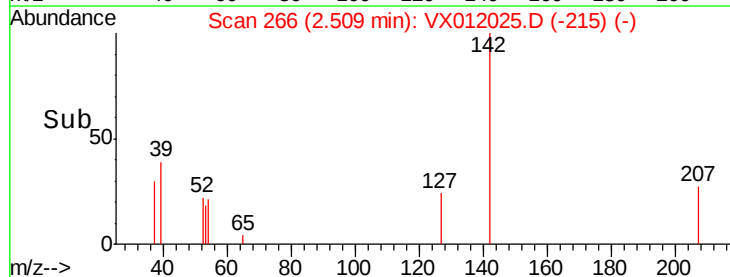
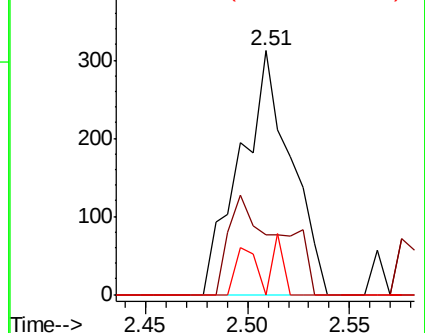
141 7.6 11.4 17.2#

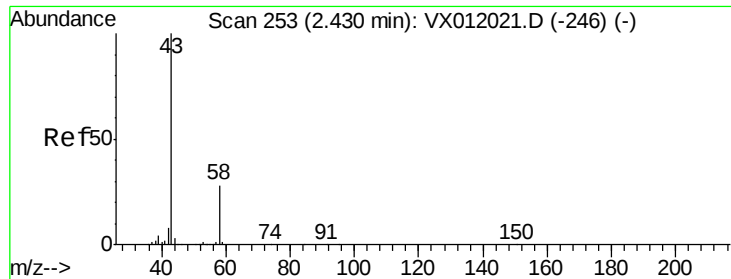


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#16

Acetone

Concen: 6.759 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012025.D

Acq: 03 Sep 2019 16:40

Instrument :

MSVOA_X

ClientSampled :

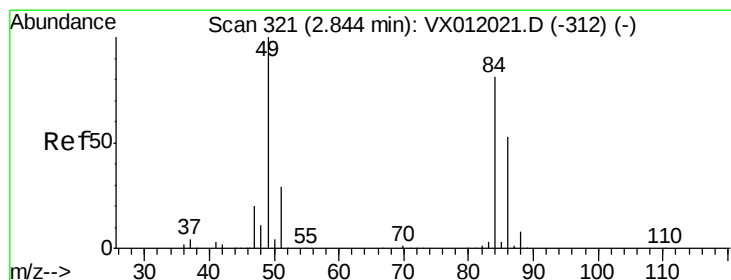
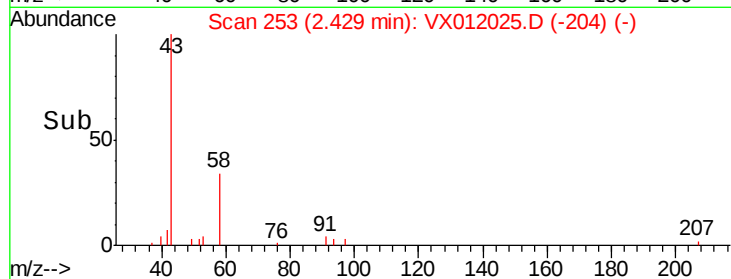
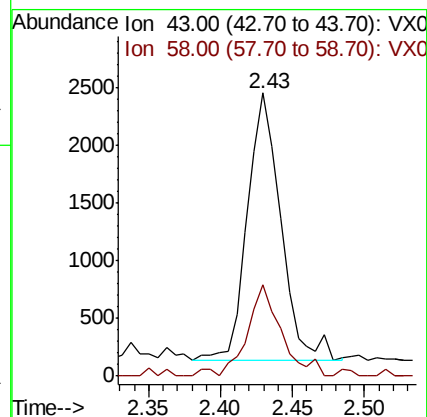
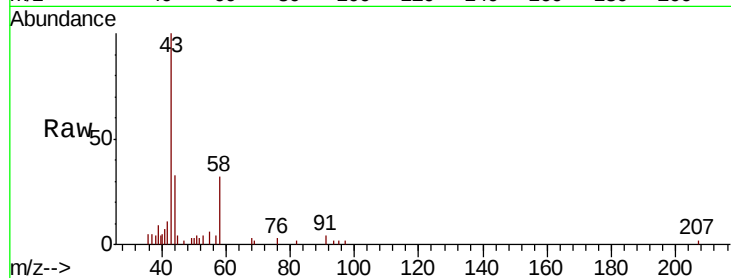
VX0903SBL01

Tgt Ion: 43 Resp: 3709

Ion Ratio Lower Upper

43 100

58 34.4 22.8 34.2#



#20

Methylene Chloride

Concen: 1.002 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012025.D

Acq: 03 Sep 2019 16:40

Tgt Ion: 84 Resp: 2207

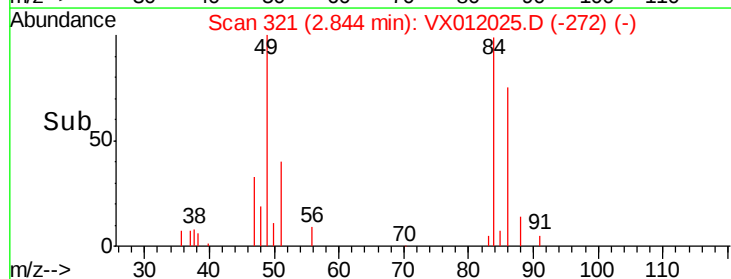
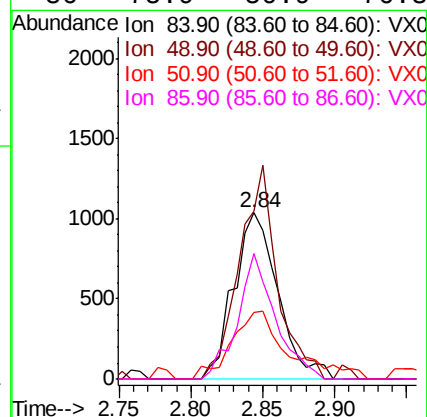
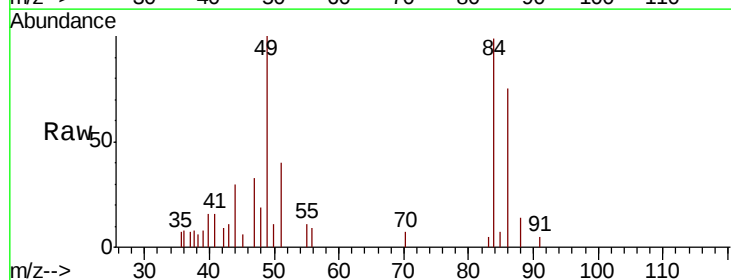
Ion Ratio Lower Upper

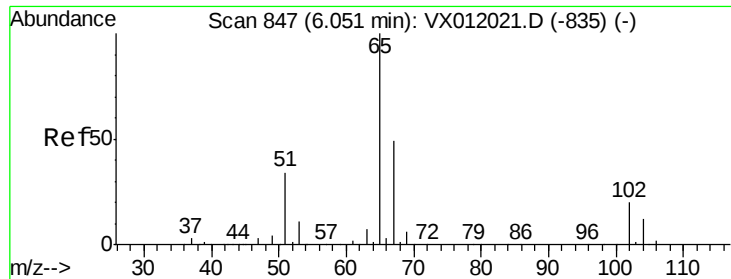
84 100

49 100.8 95.8 143.8

51 39.9 28.6 43.0

86 75.9 50.9 76.3

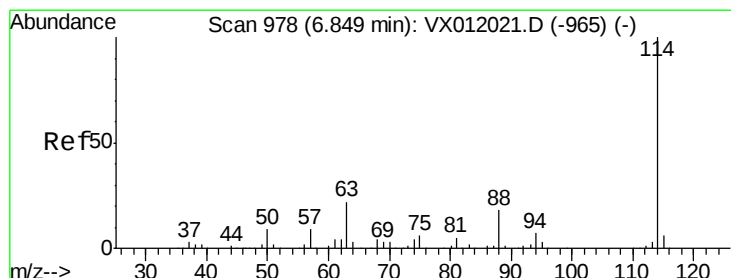
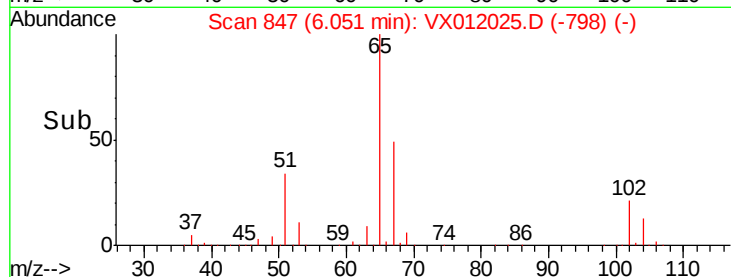
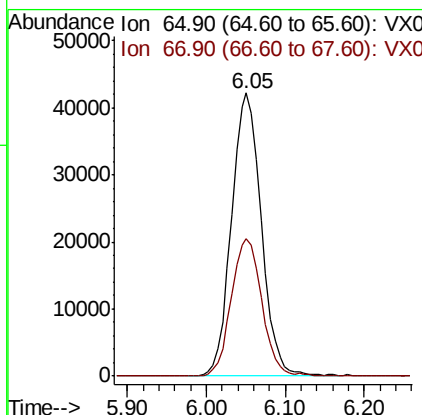
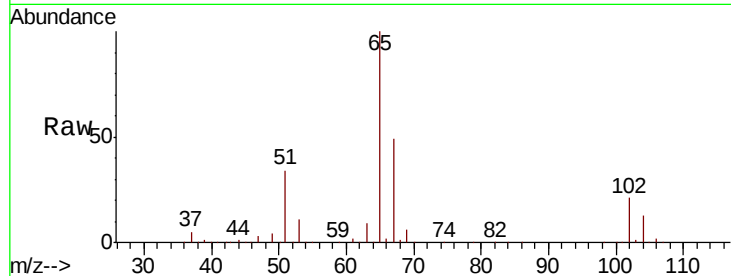




#33
 1,2-Dichloroethane-d4
 Concen: 48.267 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012025.D
 Acq: 03 Sep 2019 16:40

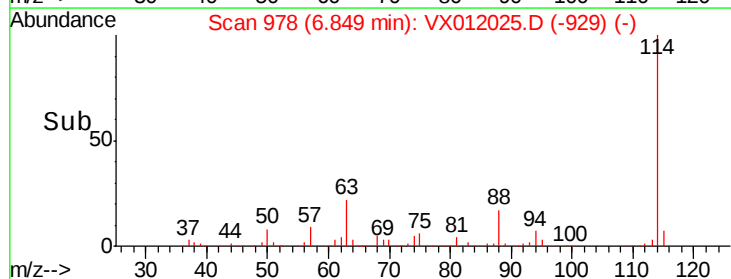
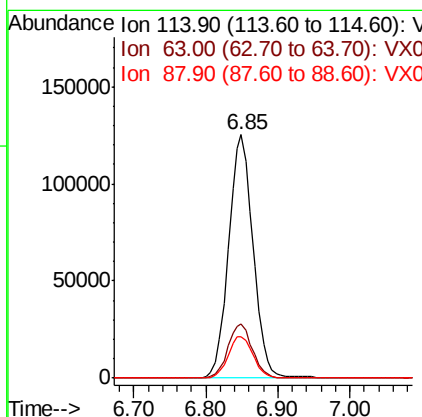
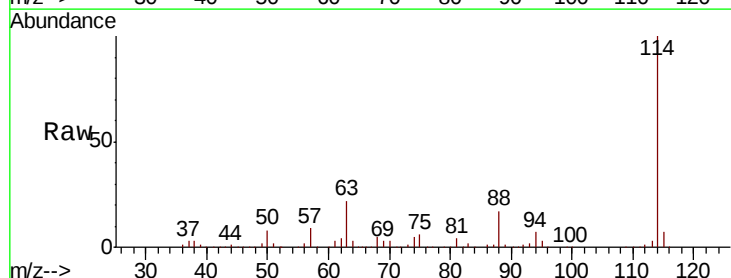
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903SBL01

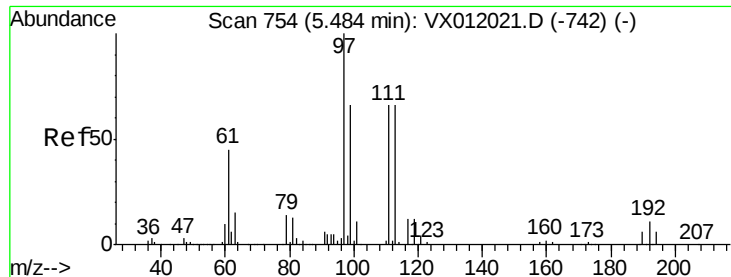
Tgt Ion: 65 Resp: 110818
 Ion Ratio Lower Upper
 65 100
 67 49.9 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012025.D
 Acq: 03 Sep 2019 16:40

Tgt Ion: 114 Resp: 296435
 Ion Ratio Lower Upper
 114 100
 63 22.1 0.0 37.4
 88 16.9 0.0 29.6

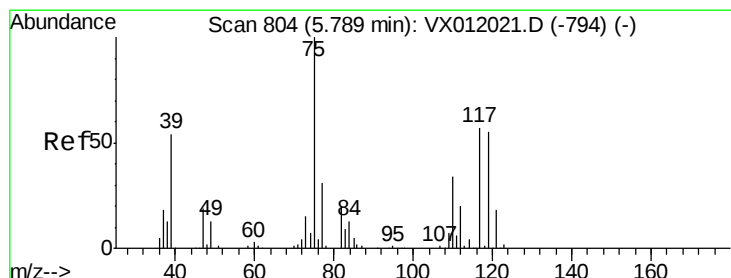
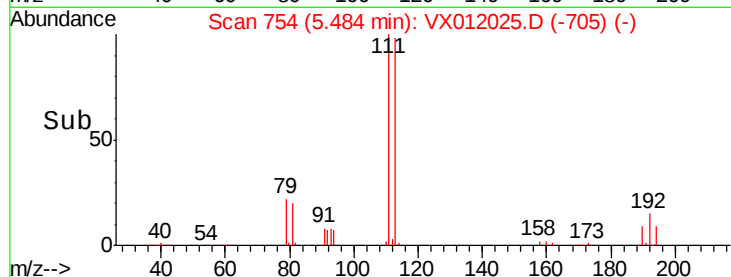
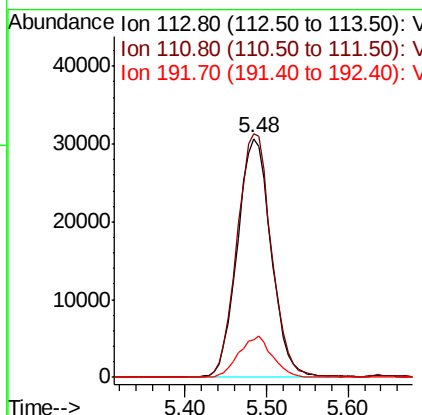
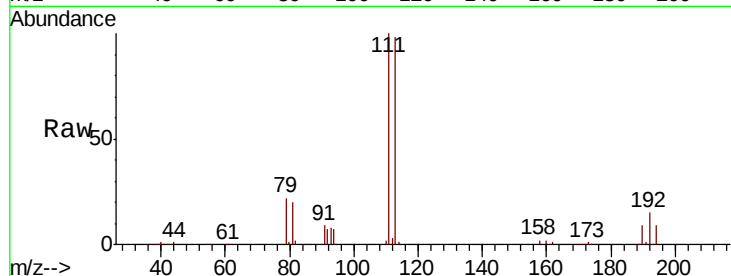




#35
 Dibromofluoromethane
 Concen: 48.407 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012025.D
 Acq: 03 Sep 2019 16:40

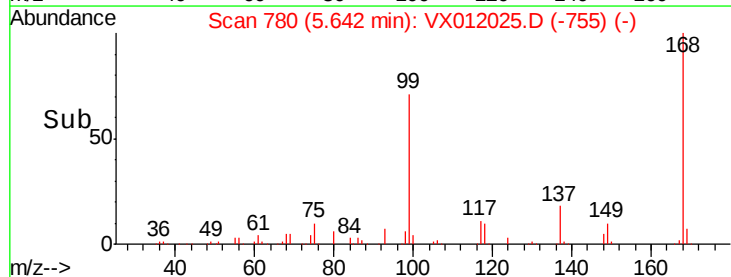
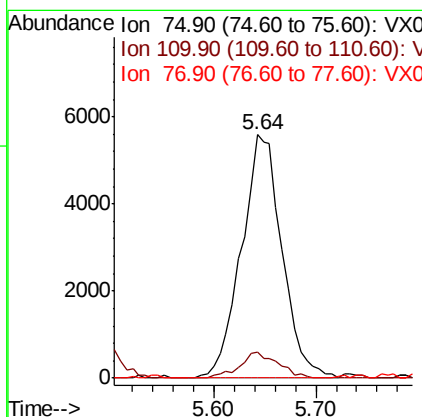
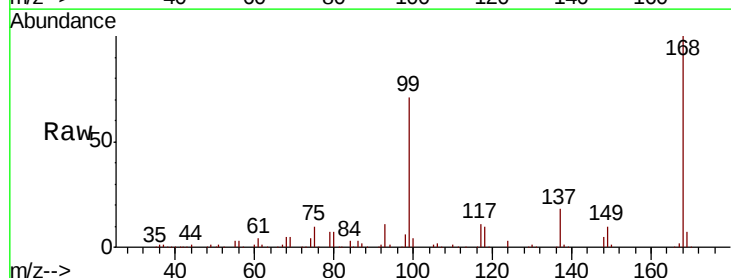
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903SBL01

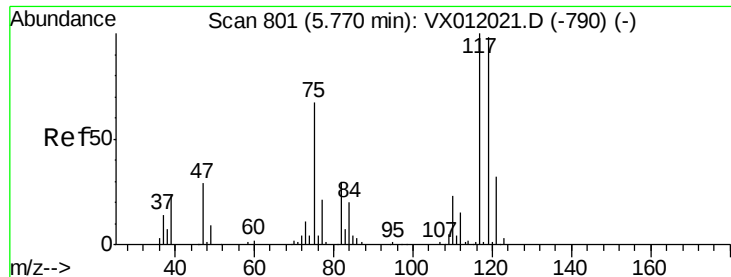
Tgt Ion:113 Resp: 88245
 Ion Ratio Lower Upper
 113 100
 111 103.6 81.7 122.5
 192 17.1 22.5 33.7#



#36
 1,1-Dichloropropene
 Concen: 5.914 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.15 min
 Lab File: VX012025.D
 Acq: 03 Sep 2019 16:40

Tgt Ion: 75 Resp: 15440
 Ion Ratio Lower Upper
 75 100
 110 10.0 19.5 58.5#
 77 0.0 24.6 37.0#

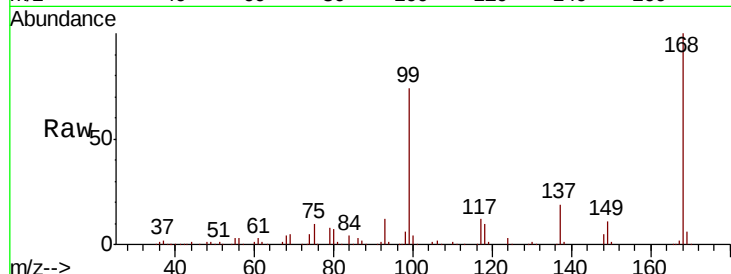




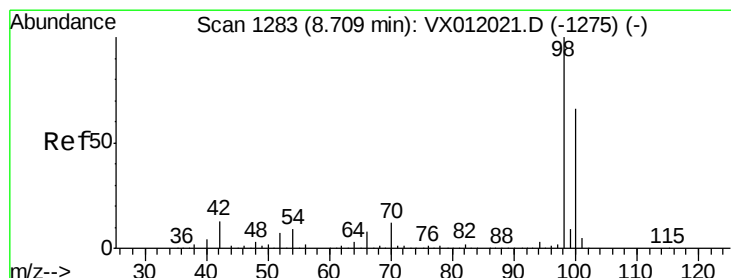
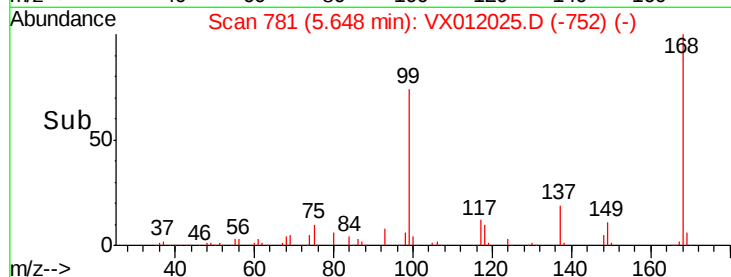
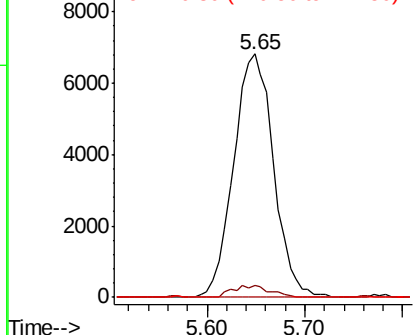
#38
Carbon Tetrachloride
Concen: 6.991 ug/l
RT: 5.65 min Scan# 781
Delta R.T. -0.12 min
Lab File: VX012025.D
Acq: 03 Sep 2019 16:40

Instrument :
MSVOA_X
ClientSampleId :
VX0903SBL01

Tgt Ion:117 Resp: 19232
Ion Ratio Lower Upper
117 100
119 4.7 78.3 117.5#
121 0.0 24.2 36.2#

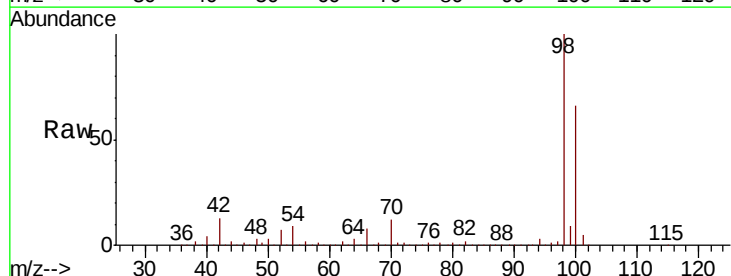


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

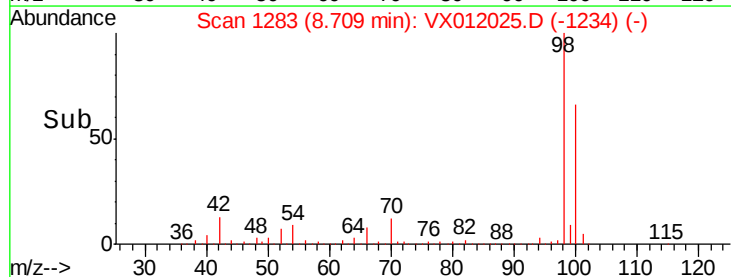
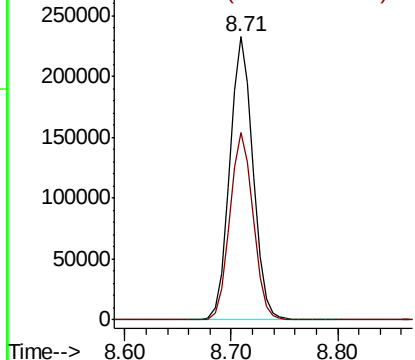


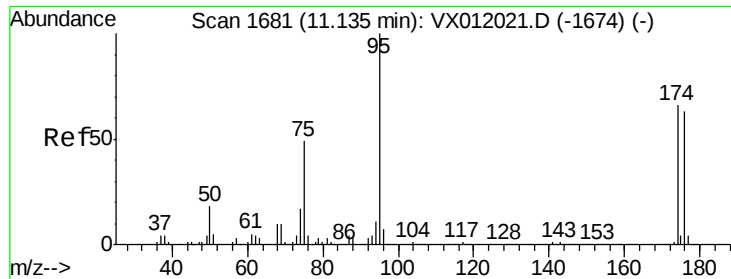
#50
Toluene-d8
Concen: 53.241 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012025.D
Acq: 03 Sep 2019 16:40

Tgt Ion: 98 Resp: 356156
Ion Ratio Lower Upper
98 100
100 66.6 53.3 79.9



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

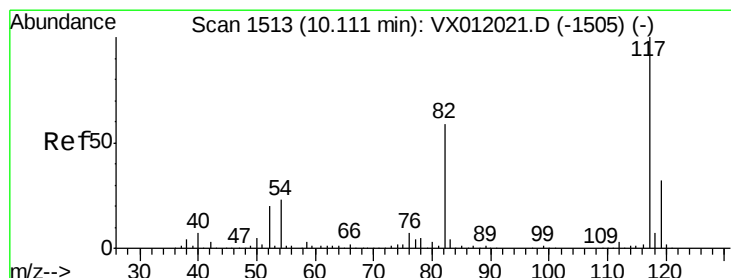
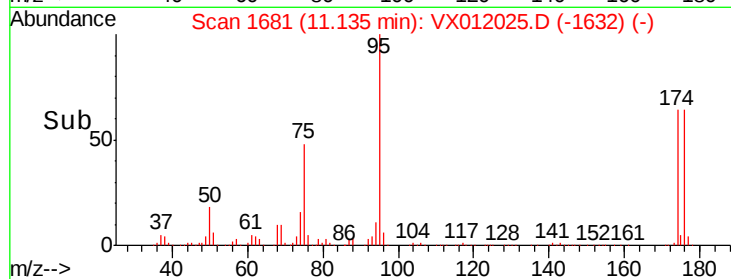
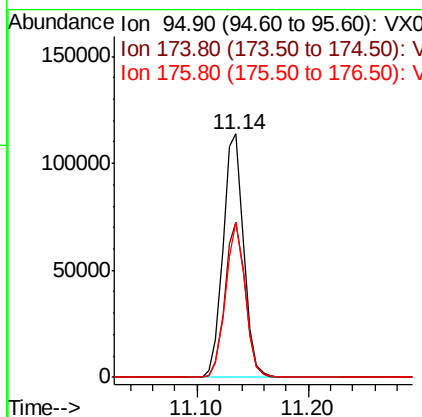
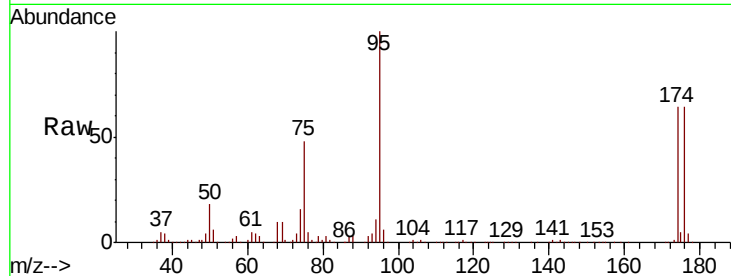




#62
 4-Bromofluorobenzene
 Concen: 46.750 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.00 min
 Lab File: VX012025.D
 Acq: 03 Sep 2019 16:40

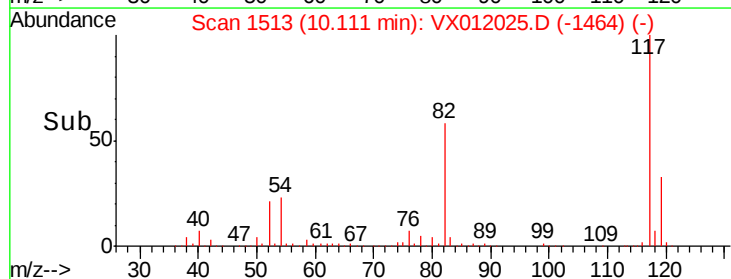
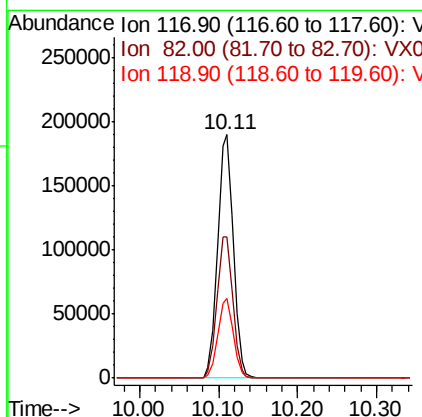
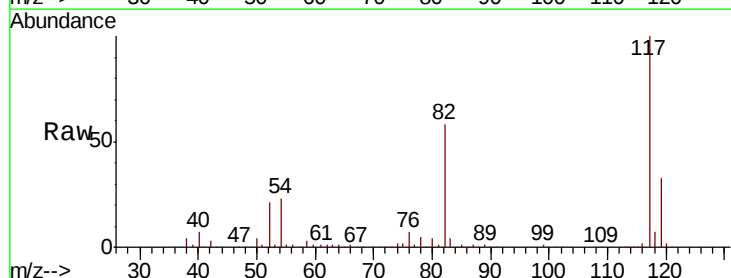
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0903SBL01

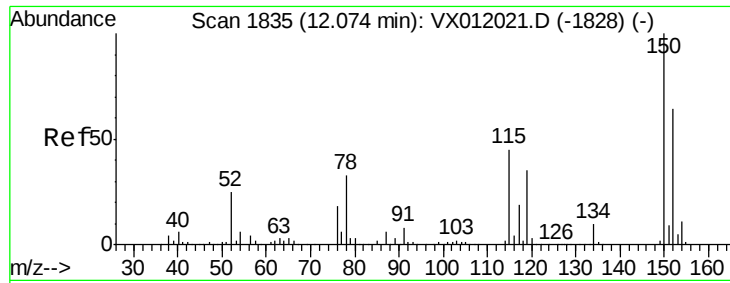
Tgt Ion	Ratio	Lower	Upper
95	100		
174	62.5	0.0	205.4
176	60.7	0.0	201.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.11 min Scan# 1513
 Delta R.T. -0.00 min
 Lab File: VX012025.D
 Acq: 03 Sep 2019 16:40

Tgt Ion	Ratio	Lower	Upper
117	100		
82	58.1	39.4	59.0
119	32.8	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: VX012025.D

Acq: 03 Sep 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

VX0903SBL01

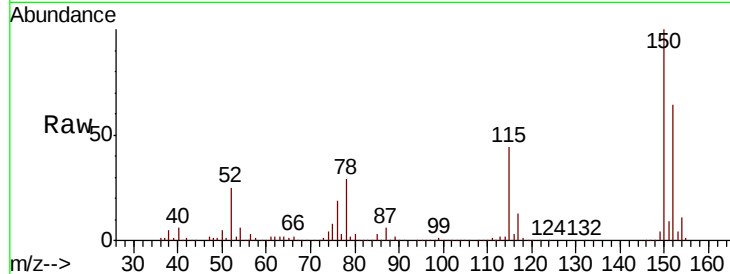
Tgt Ion:152 Resp: 122732

Ion Ratio Lower Upper

152 100

115 66.7 36.4 109.3

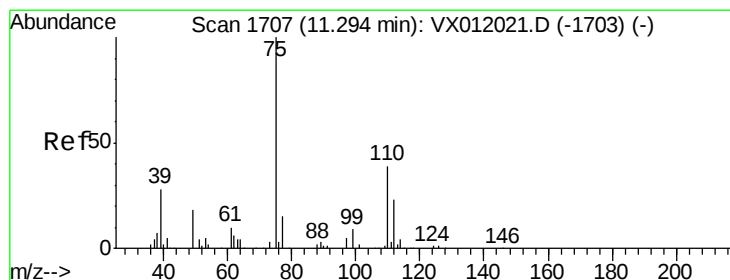
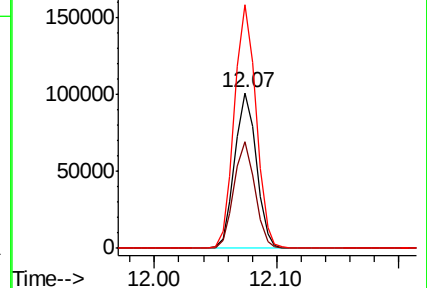
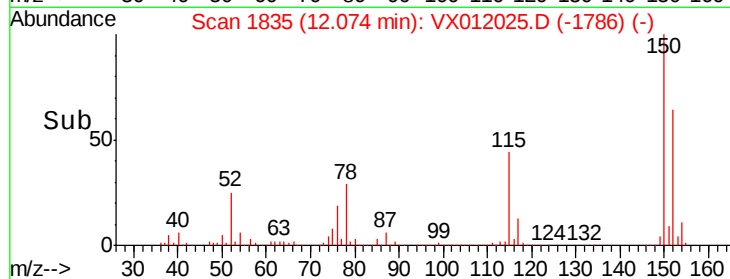
150 156.9 0.0 341.2



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: 49.519 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012025.D

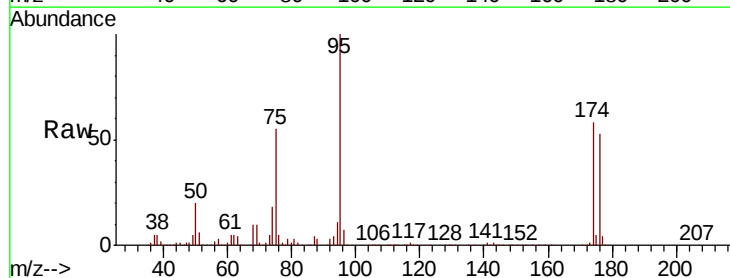
Acq: 03 Sep 2019 16:40

Tgt Ion: 75 Resp: 74258

Ion Ratio Lower Upper

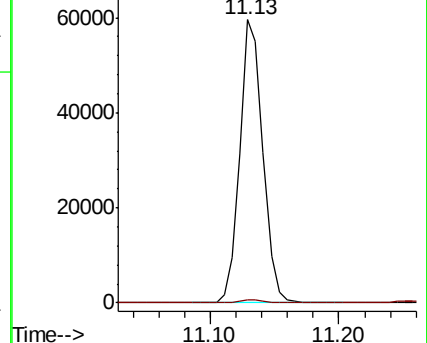
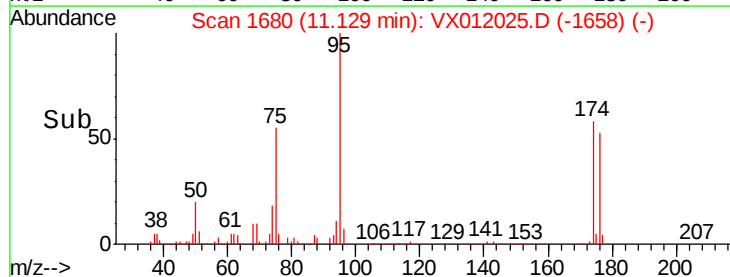
75 100

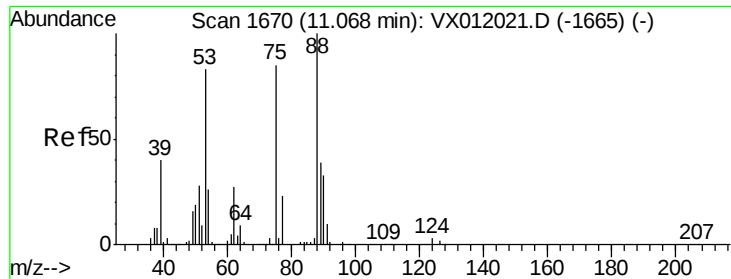
77 1.3 23.5 70.5#



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: 117.070 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012025.D

Acq: 03 Sep 2019 16:40

Instrument :

MSVOA_X

ClientSampleId :

VX0903SBL01

Tgt Ion: 75 Resp: 74258

Ion Ratio Lower Upper

75 100

53 0.0 78.6 117.8#

89 0.0 38.8 58.2#

