

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090419\
 Data File : VX012089.D
 Acq On : 05 Sep 2019 09:25
 Operator : SY/SP
 Sample : K4548-07
 Misc : 6.25g/5.0mL/MSVOA X/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 05 14:36:49 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	156842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	273928	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100479	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	106768	49.34	ug/l	0.00
Spiked Amount			Recovery	=	98.68%	
35) Dibromofluoromethane	5.48	113	81151	48.17	ug/l	0.00
Spiked Amount			Recovery	=	96.34%	
50) Toluene-d8	8.71	98	321224	51.96	ug/l	0.00
Spiked Amount			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	11.14	95	125156	43.54	ug/l	0.00
Spiked Amount			Recovery	=	87.08%	

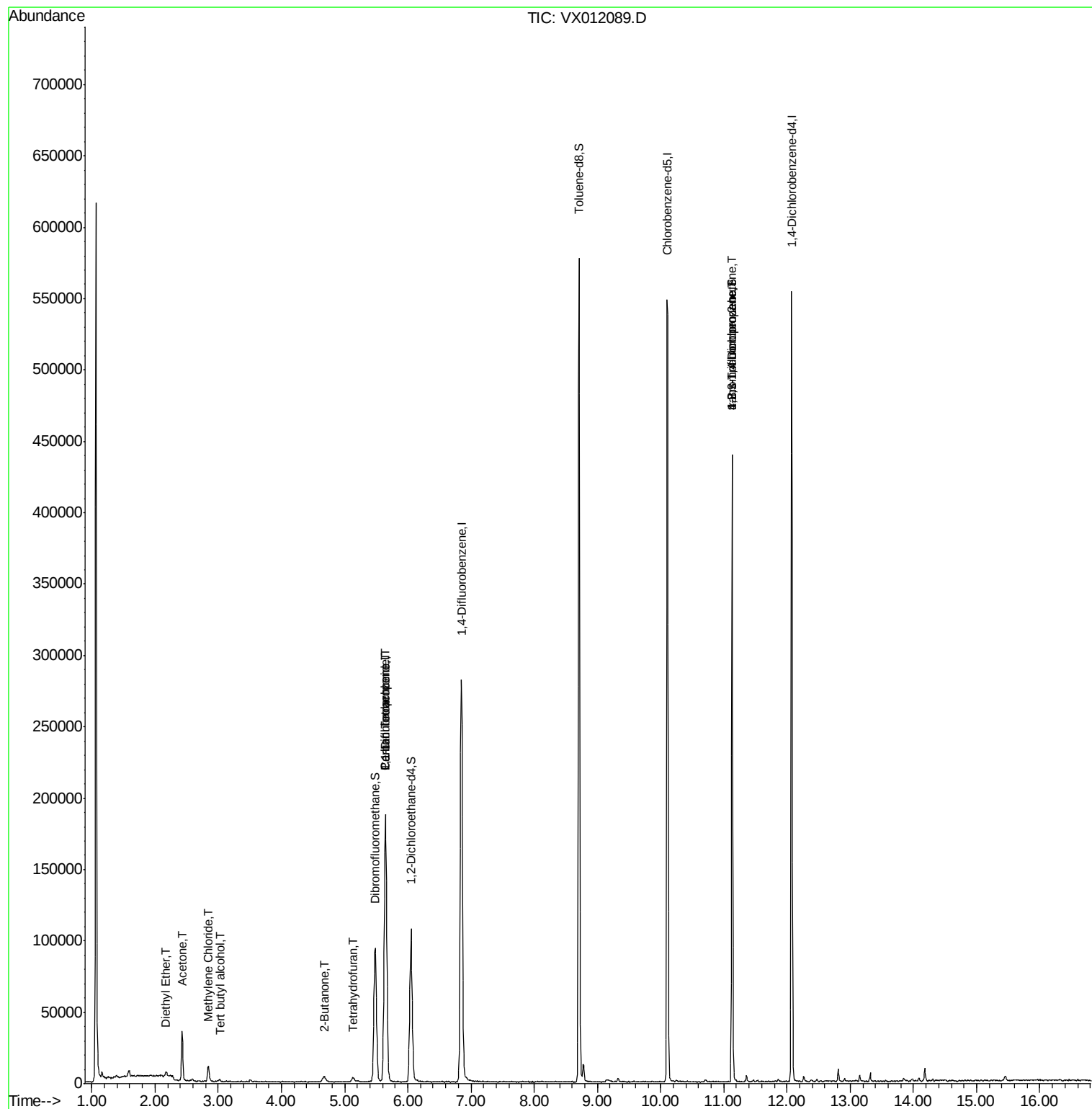
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.17	74	888	1.187	ug/l	88
11) Tert butyl alcohol	3.03	59	1561	7.510	ug/l #	55
13) Acrolein	2.29	56	291	Below Cal	#	70
16) Acetone	2.43	43	36909	71.354	ug/l	97
20) Methylene Chloride	2.84	84	5067	2.439	ug/l #	90
25) 2-Butanone	4.68	43	1157	1.757	ug/l #	89
29) Tetrahydrofuran	5.14	42	2783	7.015	ug/l	97
36) 1,1-Dichloropropene	5.65	75	14763	6.119	ug/l #	48
38) Carbon Tetrachloride	5.64	117	18864	7.420	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	65761	53.564	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	65761	126.634	ug/l #	10

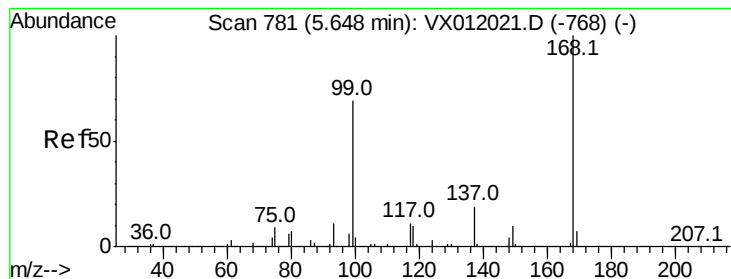
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090419\
Data File : VX012089.D
Acq On : 05 Sep 2019 09:25
Operator : SY/SP
Sample : K4548-07
Misc : 6.25g/5.0mL/MSVOA X/SOIL
ALS Vial : 52 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 05 14:36:49 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: VX012089.D

Acq: 05 Sep 2019 09:25

Instrument :

MSVOA_X

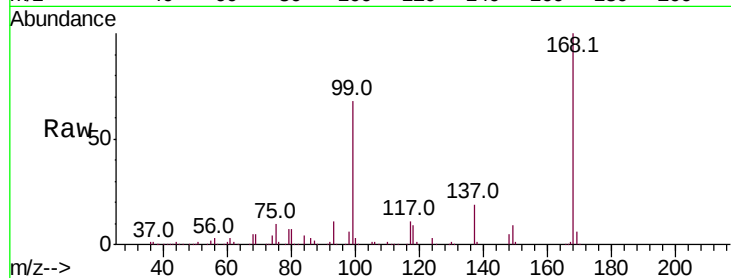
ClientSampled :

Tot Ion:168 Resp: 156842

Ion Ratio Lower Upper

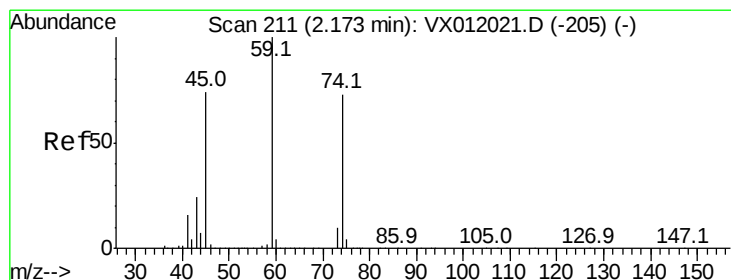
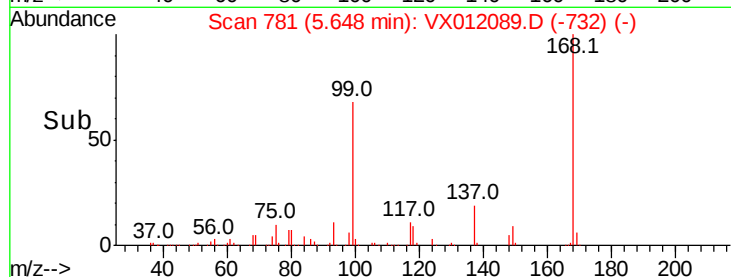
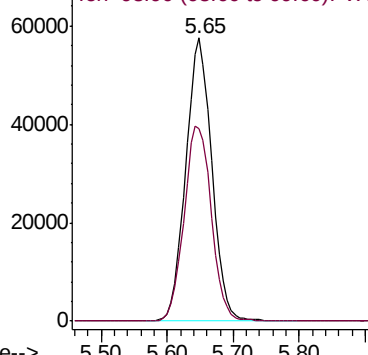
168 100

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



#8

Diethyl Ether

Concen: 1.187 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX012089.D

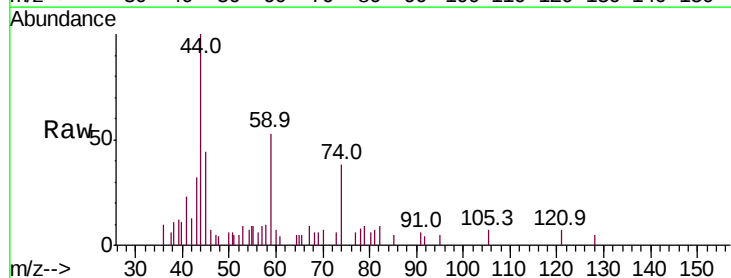
Acq: 05 Sep 2019 09:25

Tgt Ion: 74 Resp: 888

Ion Ratio Lower Upper

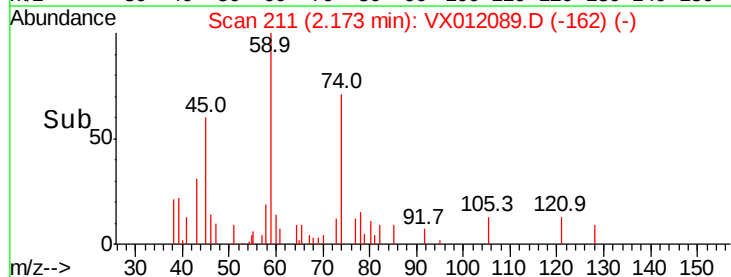
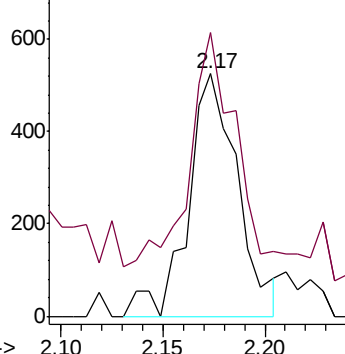
74 100

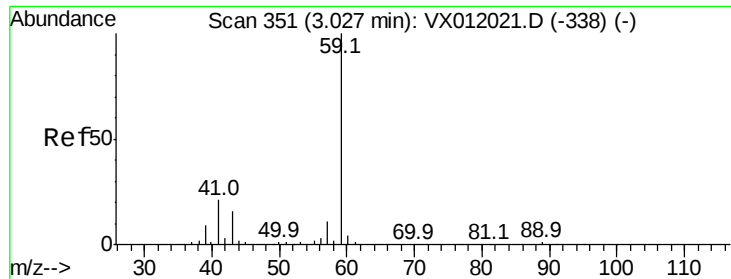
45 80.7 45.9 137.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

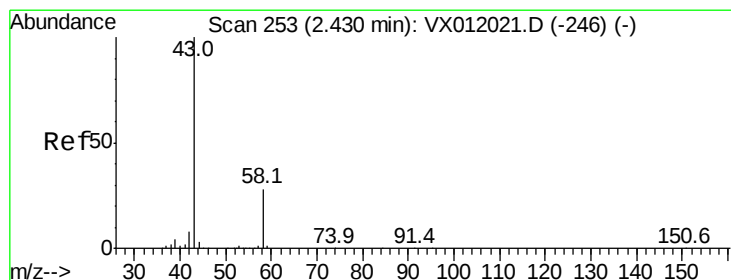
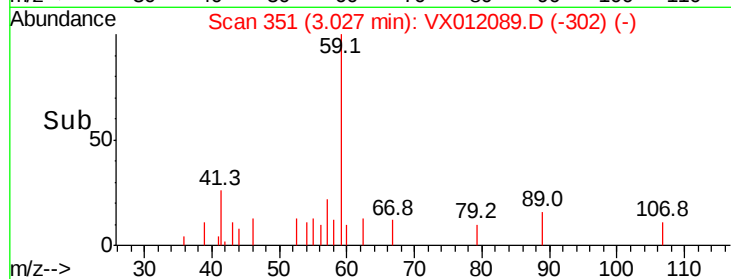
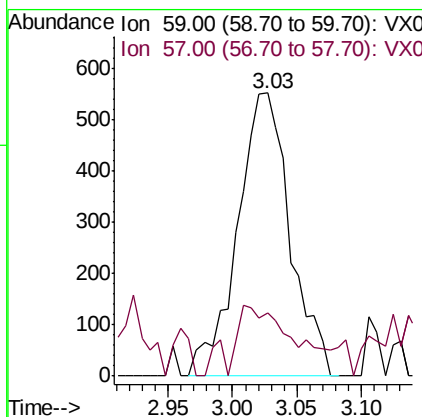
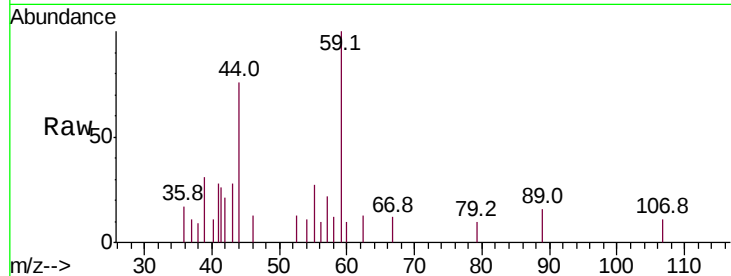




#11
Tert butyl alcohol
Concen: 7.510 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX012089.D
Acq: 05 Sep 2019 09:25

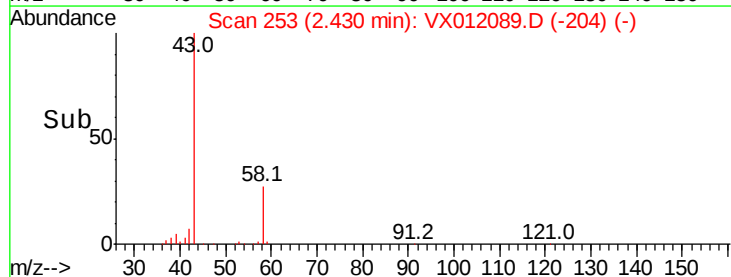
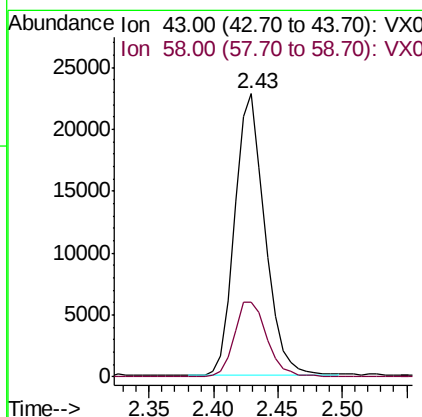
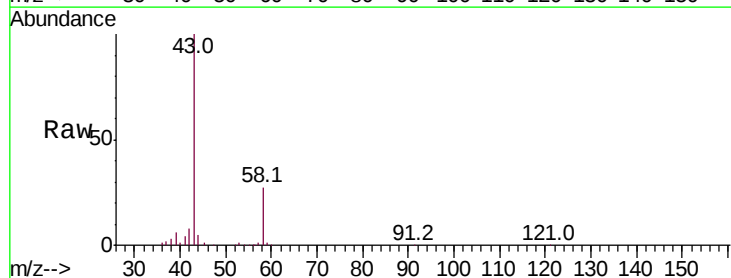
Instrument :
MSVOA_X
ClientSampled :

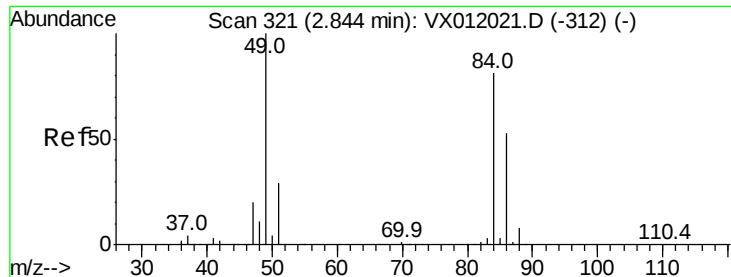
Tot Ion: 59 Resp: 1561
Ion Ratio Lower Upper
59 100
57 26.5 7.9 11.9#



#16
Acetone
Concen: 71.354 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012089.D
Acq: 05 Sep 2019 09:25

Tgt Ion: 43 Resp: 36909
Ion Ratio Lower Upper
43 100
58 26.8 22.8 34.2

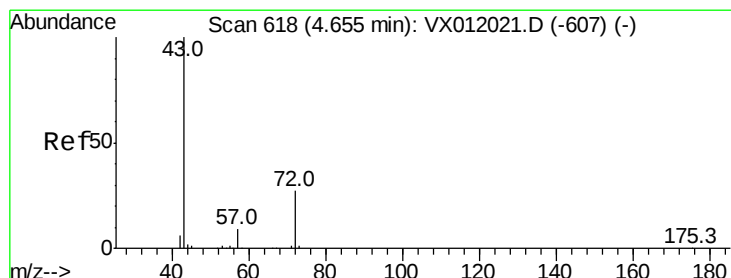
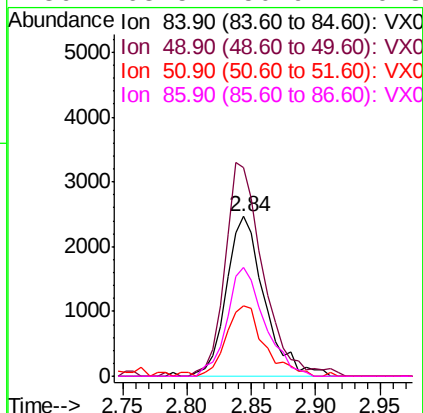
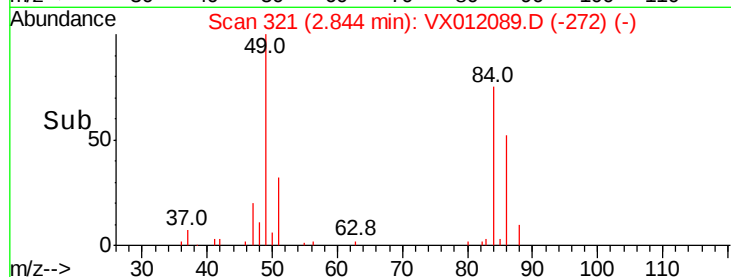
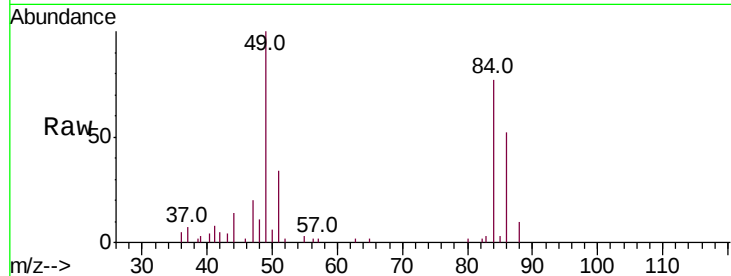




#20
Methvlene Chloride
Concen: 2.439 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012089.D
Acq: 05 Sep 2019 09:25

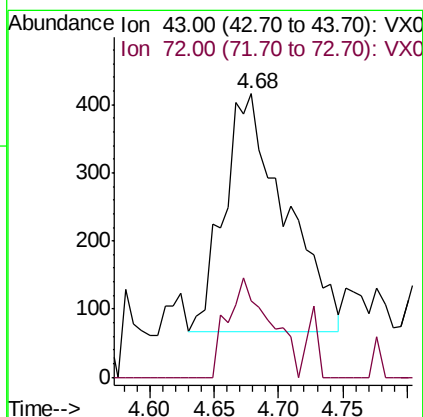
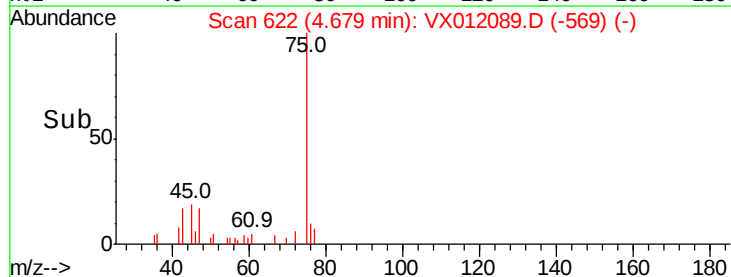
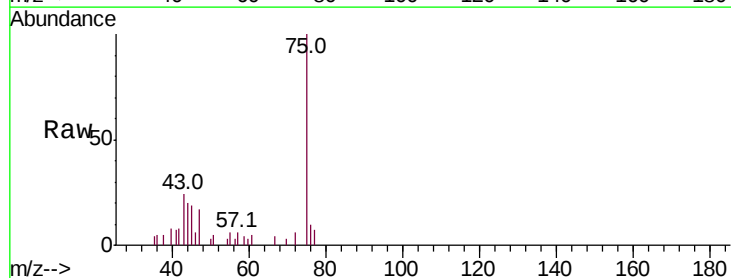
Instrument :
MSVOA_X
ClientSampleId :

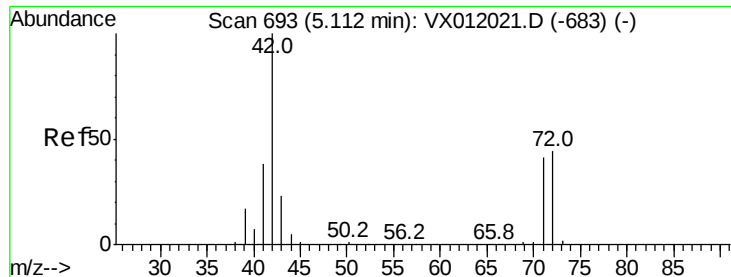
Tot Ion: 84 Resp: 5067
Ion Ratio Lower Upper
84 100
49 130.7 95.8 143.8
51 44.5 28.6 43.0#
86 68.5 50.9 76.3



#25
2-Butanone
Concen: 1.757 ug/l
RT: 4.68 min Scan# 622
Delta R.T. 0.02 min
Lab File: VX012089.D
Acq: 05 Sep 2019 09:25

Tgt Ion: 43 Resp: 1157
Ion Ratio Lower Upper
43 100
72 32.1 21.3 31.9#

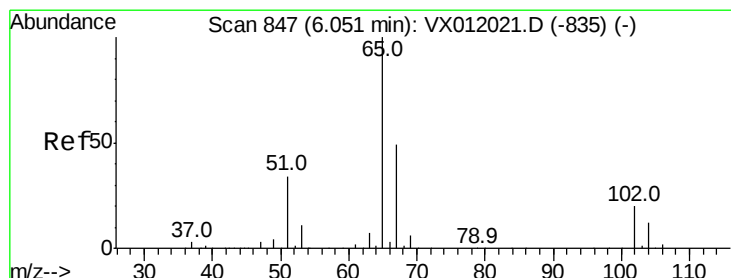
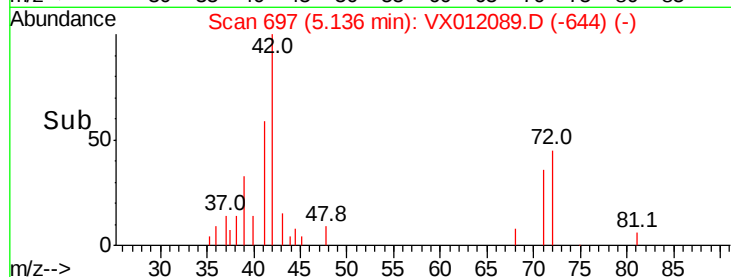
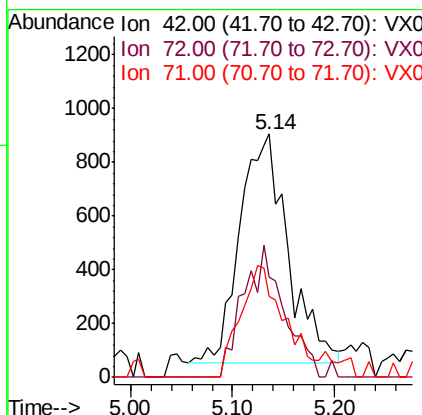
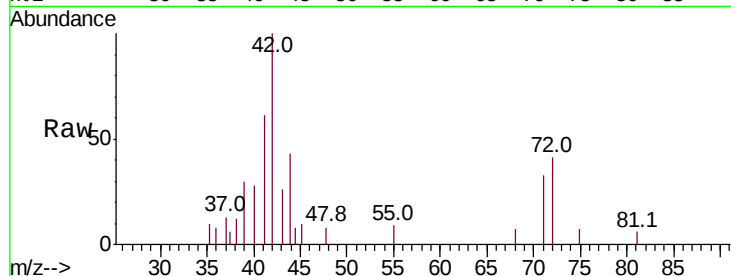




#29
Tetrahydrofuran
Concen: 7.015 ug/l
RT: 5.14 min Scan# 697
Delta R.T. 0.02 min
Lab File: VX012089.D
Acq: 05 Sep 2019 09:25

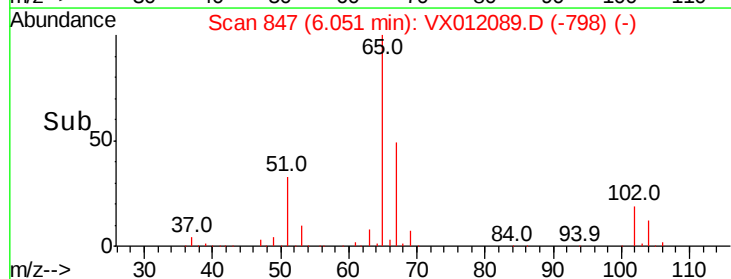
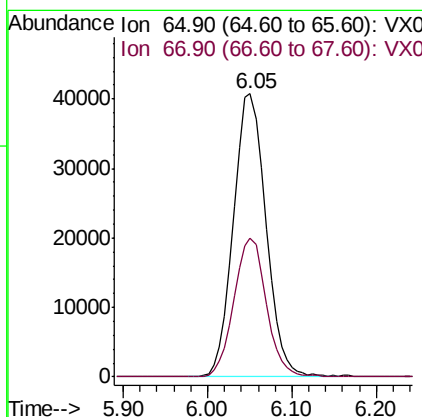
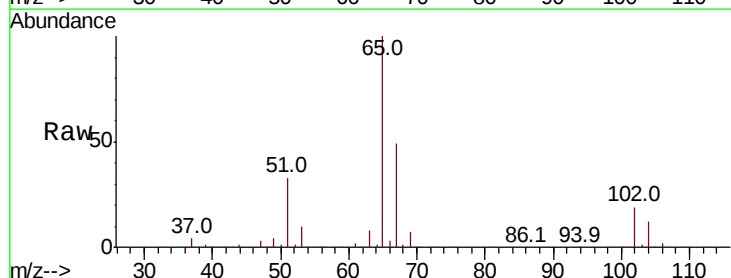
Instrument :
MSVOA_X
ClientSampleId :

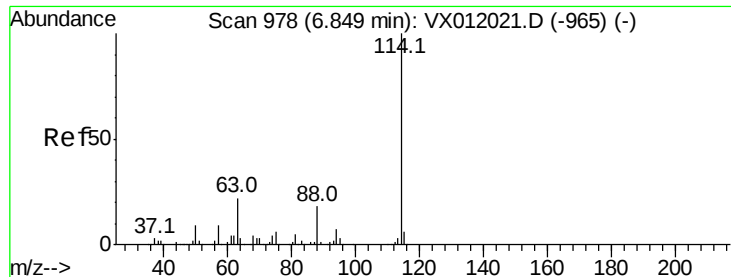
Tot Ion: 42 Resp: 2783
Ion Ratio Lower Upper
42 100
72 48.7 37.0 55.4
71 44.0 33.8 50.8



#33
1,2-Dichloroethane-d4
Concen: 49.336 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012089.D
Acq: 05 Sep 2019 09:25

Tgt Ion: 65 Resp: 106768
Ion Ratio Lower Upper
65 100
67 48.8 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: VX012089.D

Acq: 05 Sep 2019 09:25

Instrument :

MSVOA_X

ClientSampleId :

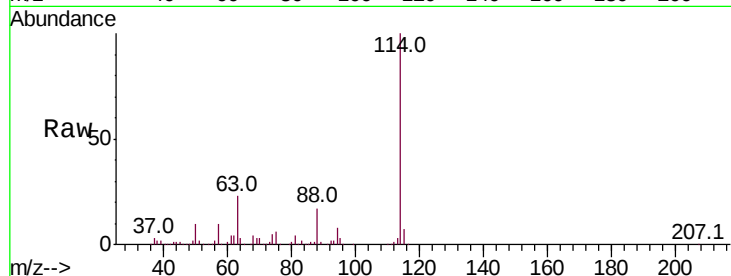
Tot Ion:114 Resp: 273928

Ion Ratio Lower Upper

114 100

63 22.5 0.0 37.4

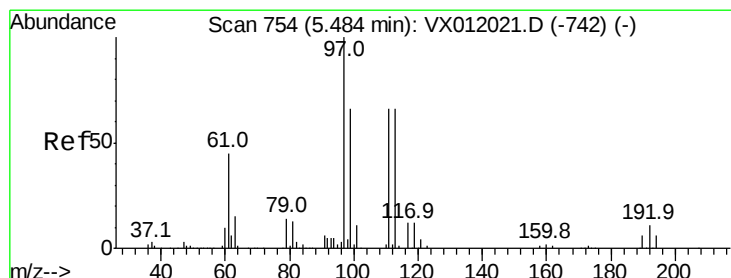
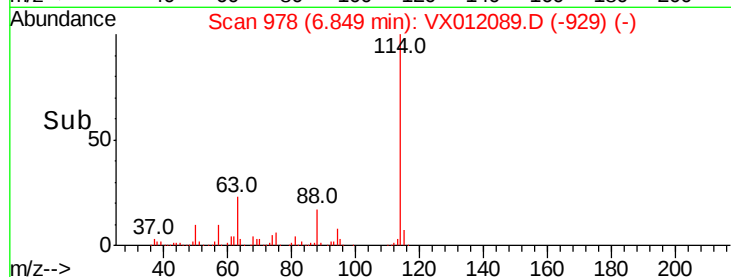
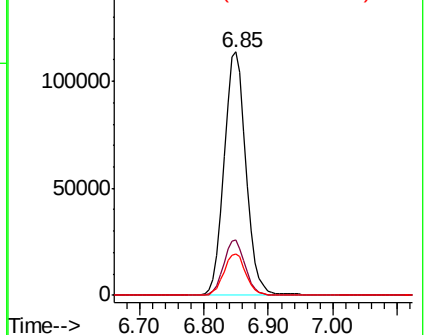
88 16.9 0.0 29.6



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: 48.173 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012089.D

Acq: 05 Sep 2019 09:25

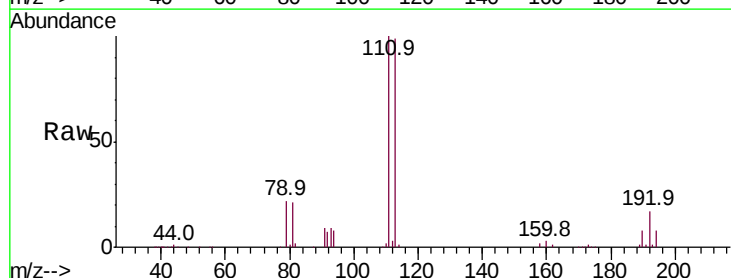
Tgt Ion:113 Resp: 81151

Ion Ratio Lower Upper

113 100

111 101.4 81.7 122.5

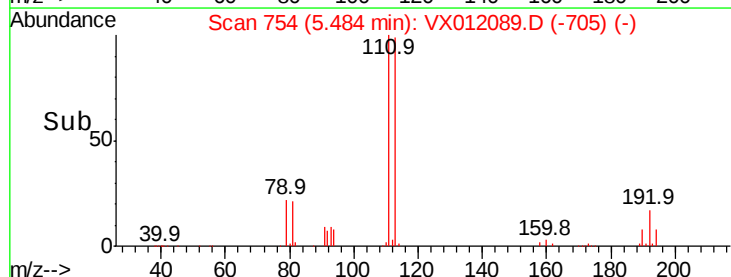
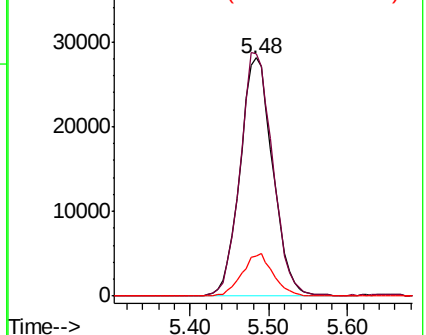
192 16.9 22.5 33.7#

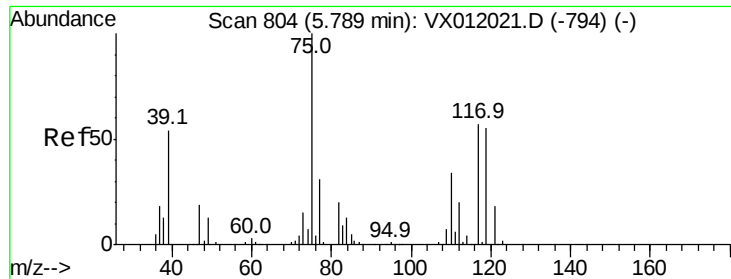


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

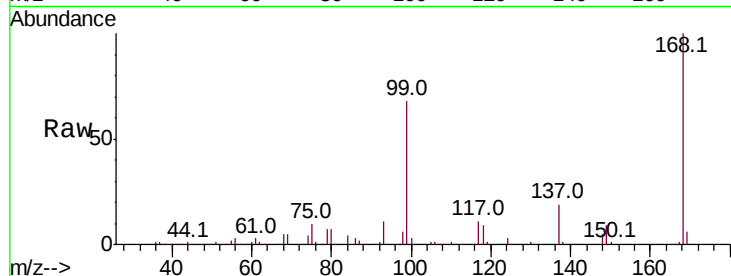




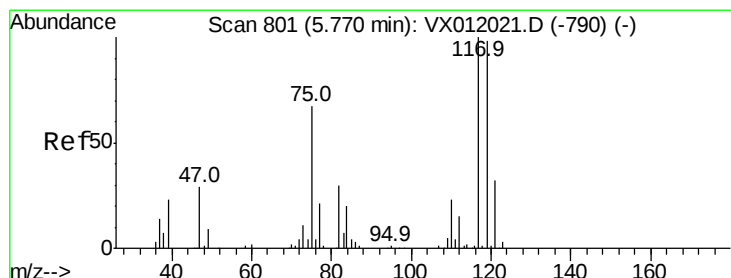
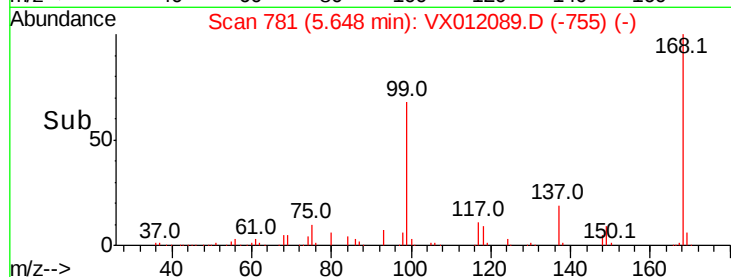
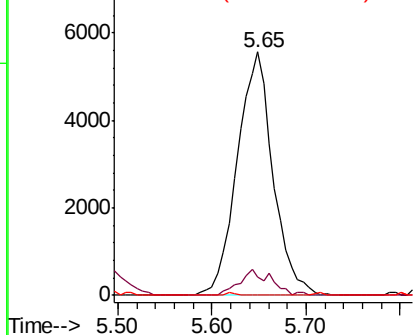
#36
 1,1-Dichloropropene
 Concen: 6.119 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012089.D
 Acq: 05 Sep 2019 09:25

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 75 Resp: 14763
 Ion Ratio Lower Upper
 75 100
 110 9.4 19.5 58.5#
 77 0.0 24.6 37.0#

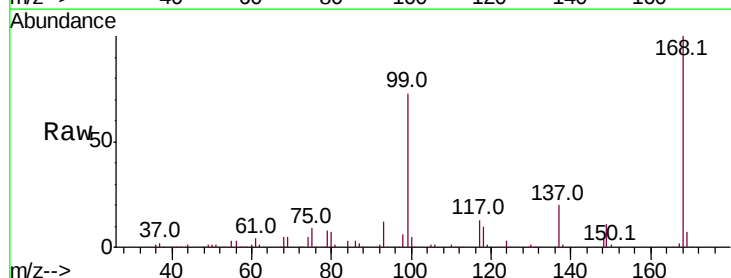


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

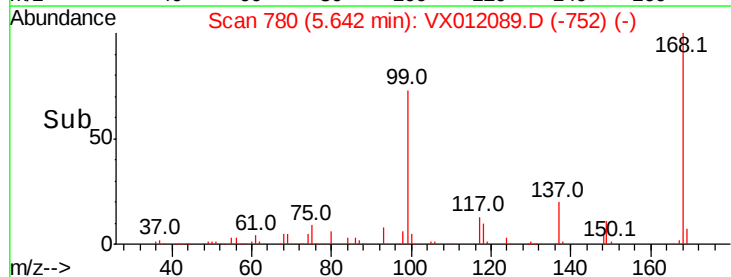
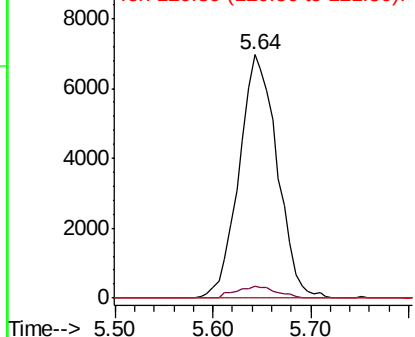


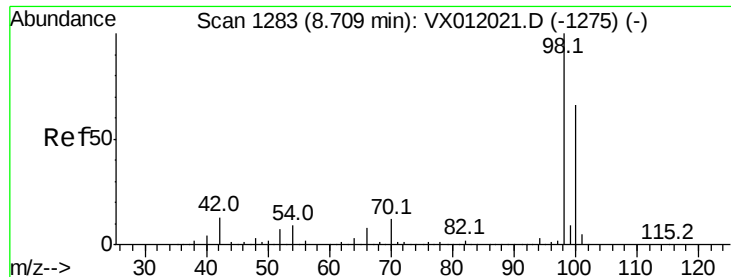
#38
 Carbon Tetrachloride
 Concen: 7.420 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.13 min
 Lab File: VX012089.D
 Acq: 05 Sep 2019 09:25

Tgt Ion: 117 Resp: 18864
 Ion Ratio Lower Upper
 117 100
 119 4.8 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: 51.964 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012089.D

Acq: 05 Sep 2019 09:25

Instrument :

MSVOA_X

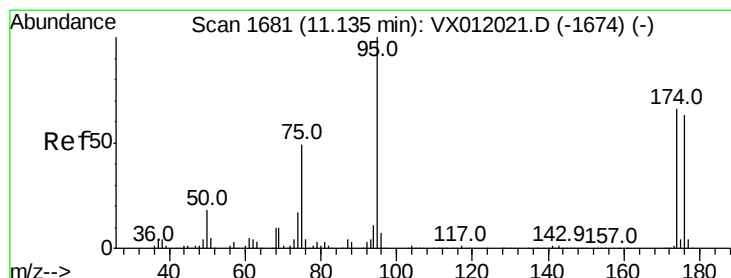
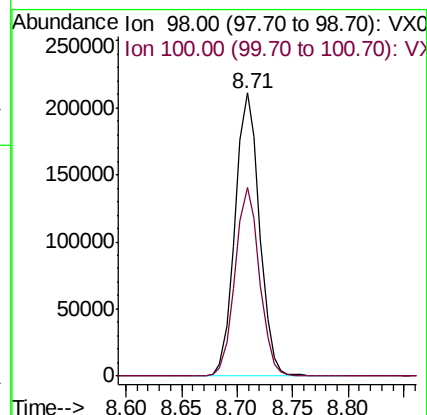
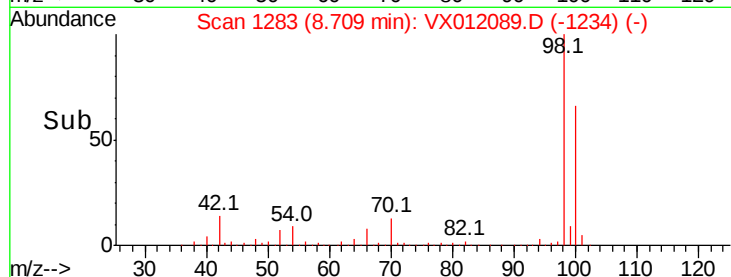
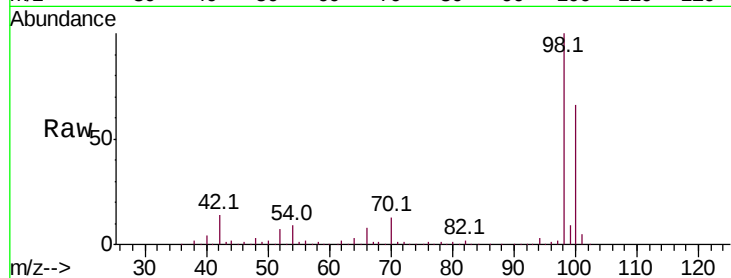
ClientSampleId :

Tot Ion: 98 Resp: 321224

Ion Ratio Lower Upper

98 100

100 66.5 53.3 79.9



#62

4-Bromofluorobenzene

Concen: 43.535 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX012089.D

Acq: 05 Sep 2019 09:25

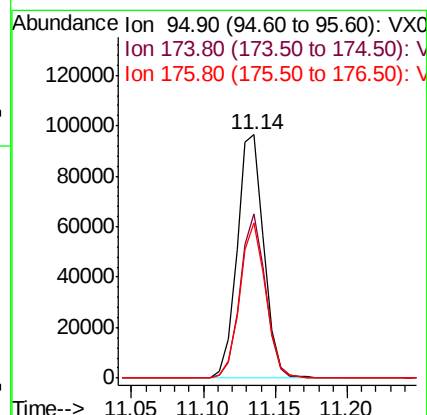
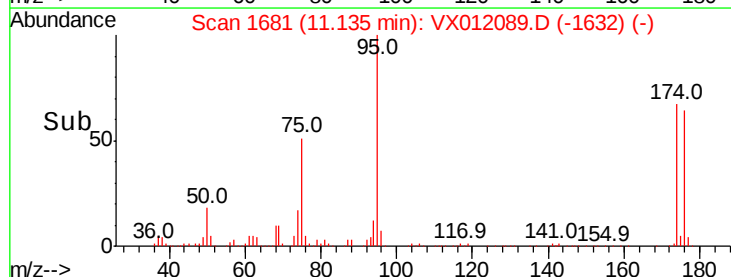
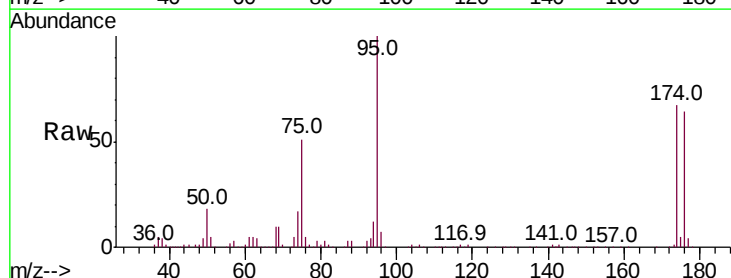
Tgt Ion: 95 Resp: 125156

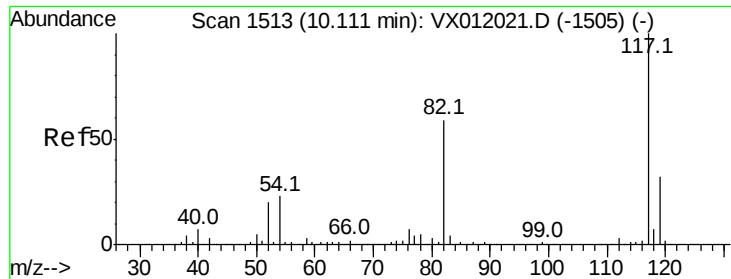
Ion Ratio Lower Upper

95 100

174 63.8 0.0 205.4

176 61.7 0.0 201.8

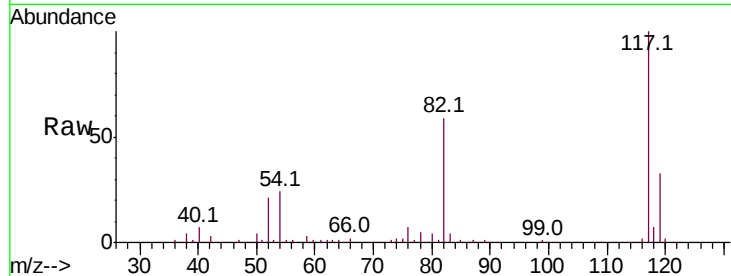




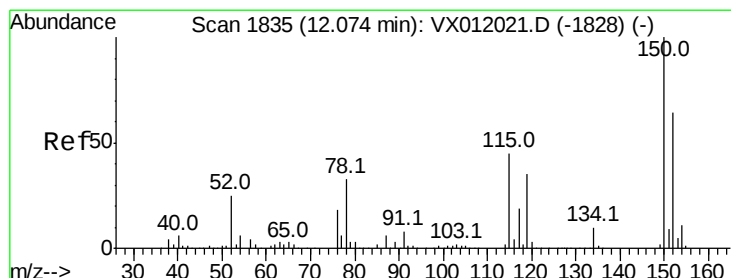
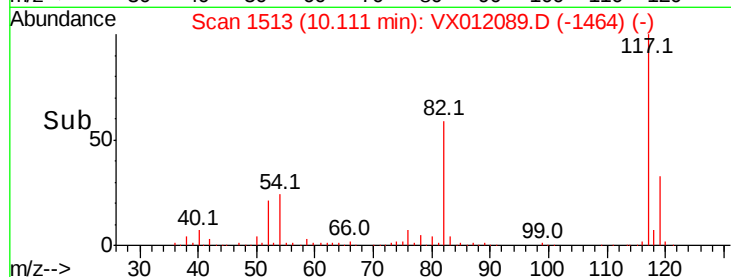
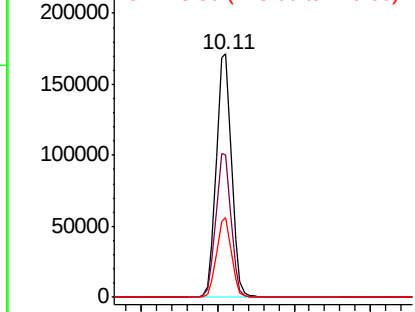
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012089.D
Acq: 05 Sep 2019 09:25

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 237690
Ion Ratio Lower Upper
117 100
82 58.7 39.4 59.0
119 32.7 26.1 39.1

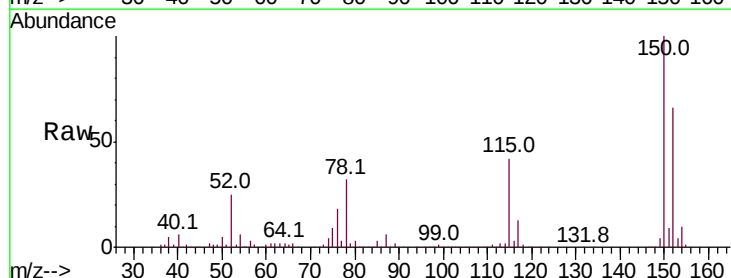


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

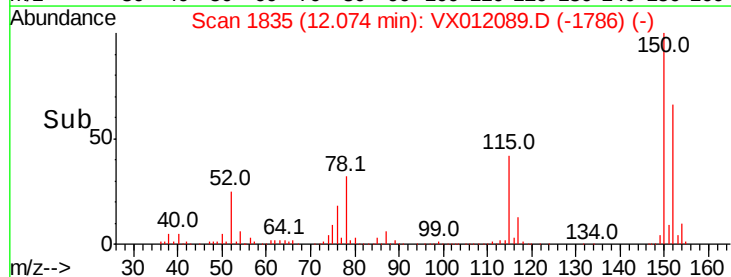
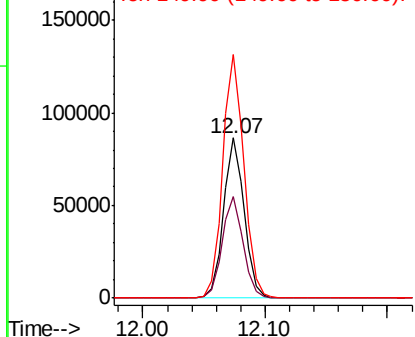


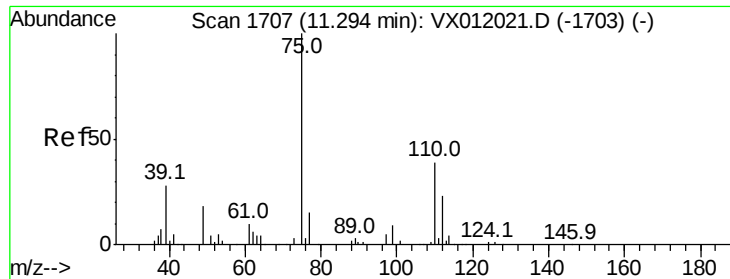
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012089.D
Acq: 05 Sep 2019 09:25

Tgt Ion:152 Resp: 100479
Ion Ratio Lower Upper
152 100
115 64.9 36.4 109.3
150 156.4 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: 53.564 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012089.D

Acq: 05 Sep 2019 09:25

Instrument :

MSVOA_X

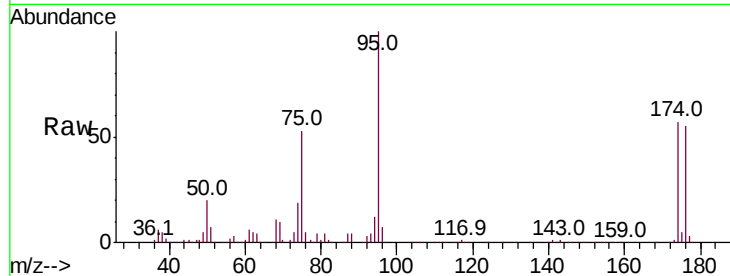
ClientSampleId :

Tot Ion: 75 Resp: 65761

Ion Ratio Lower Upper

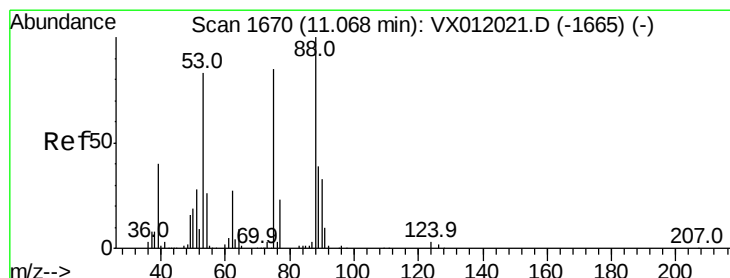
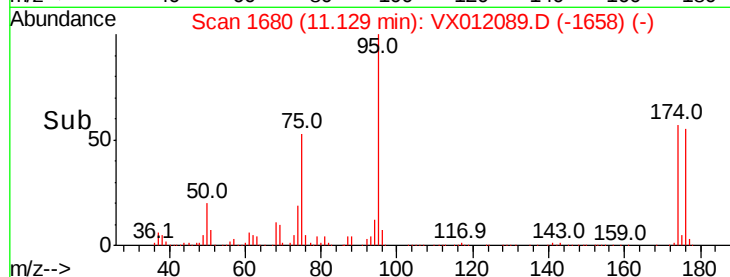
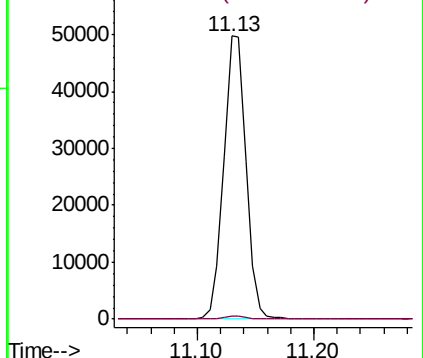
75 100

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: 126.634 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012089.D

Acq: 05 Sep 2019 09:25

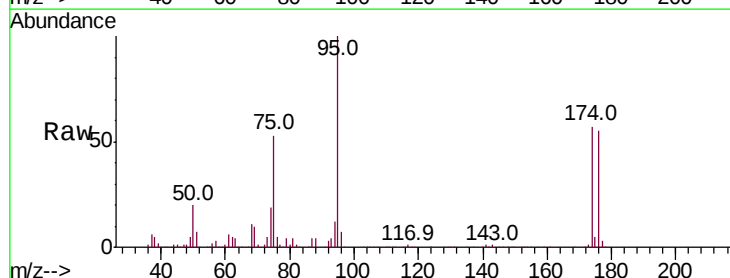
Tgt Ion: 75 Resp: 65761

Ion Ratio Lower Upper

75 100

53 0.2 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

