

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090519\
 Data File : VX012133.D
 Acq On : 06 Sep 2019 07:31
 Operator : SY/SP
 Sample : K4580-08
 Misc : 3.79g/5.0mL/MSVOA X/SOIL
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 06 11:31:20 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	151054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	266739	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	235277	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100205	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	107125	51.40	ug/l	0.00
Spiked Amount			Recovery	=	102.80%	
35) Dibromofluoromethane	5.48	113	80961	49.36	ug/l	0.00
Spiked Amount			Recovery	=	98.72%	
50) Toluene-d8	8.71	98	316560	52.59	ug/l	0.00
Spiked Amount			Recovery	=	105.18%	
62) 4-Bromofluorobenzene	11.13	95	128094	45.76	ug/l	0.00
Spiked Amount			Recovery	=	91.52%	

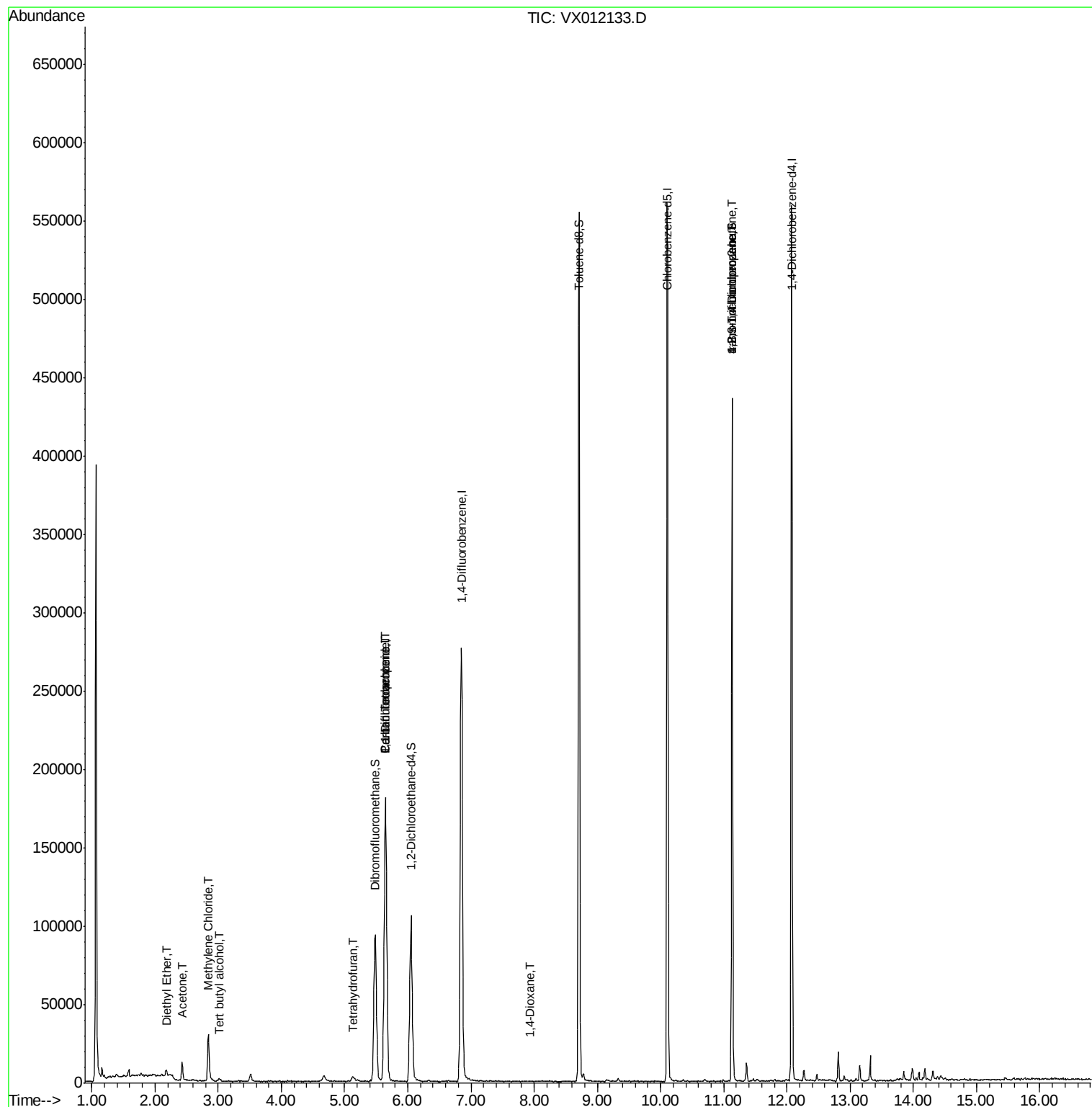
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.17	74	1517	2.106	ug/l	92
11) Tert butyl alcohol	3.02	59	1503	7.508	ug/l #	62
13) Acrolein	2.25	56	61	Below Cal	#	25
16) Acetone	2.43	43	12330	24.750	ug/l	96
20) Methylene Chloride	2.84	84	13392	6.694	ug/l	99
29) Tetrahydrofuran	5.12	42	2995	7.839	ug/l	95
36) 1,1-Dichloropropene	5.65	75	14079	5.993	ug/l #	50
38) Carbon Tetrachloride	5.64	117	17801	7.191	ug/l #	15
49) 1,4-Dioxane	7.92	88	20	1.123	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	66938	54.672	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.13	75	66938	129.253	ug/l #	10

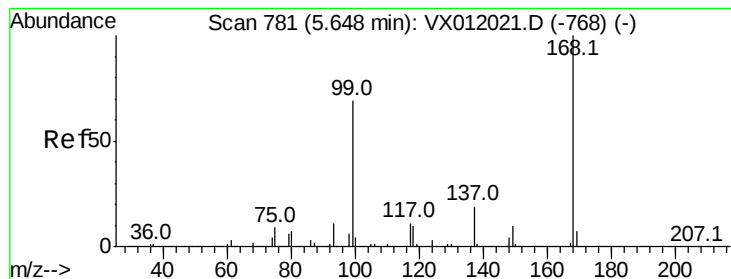
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX090519\
Data File : VX012133.D
Acq On : 06 Sep 2019 07:31
Operator : SY/SP
Sample : K4580-08
Misc : 3.79µ/5.0mL/MSVOA X/SOIL
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 06 11:31:20 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: VX012133.D

Acq: 06 Sep 2019 07:31

Instrument :

MSVOA_X

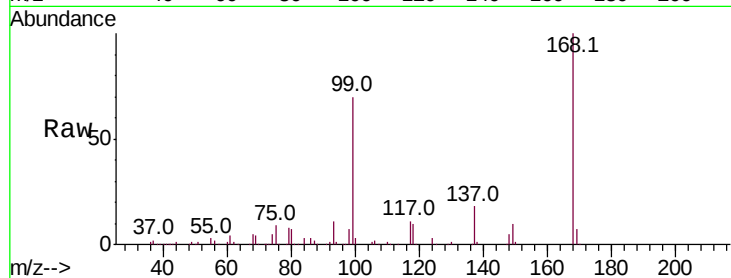
ClientSampleId :

Tot Ion:168 Resp: 151054

Ion Ratio Lower Upper

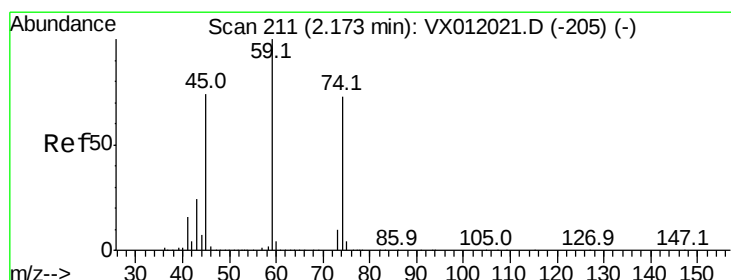
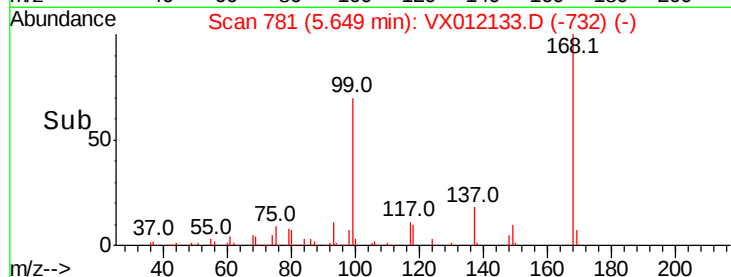
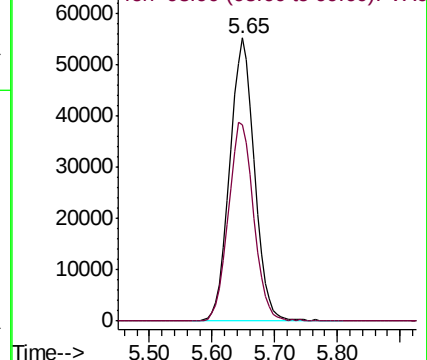
168 100

99 69.6 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: 2.106 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX012133.D

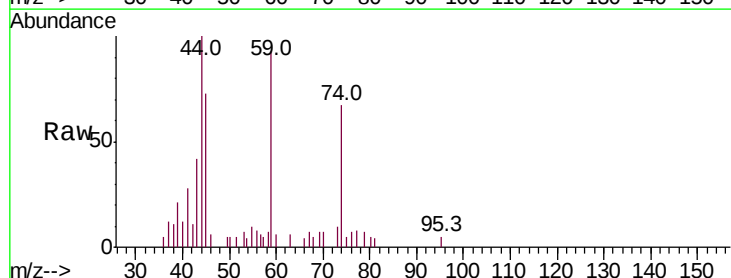
Acq: 06 Sep 2019 07:31

Tgt Ion: 74 Resp: 1517

Ion Ratio Lower Upper

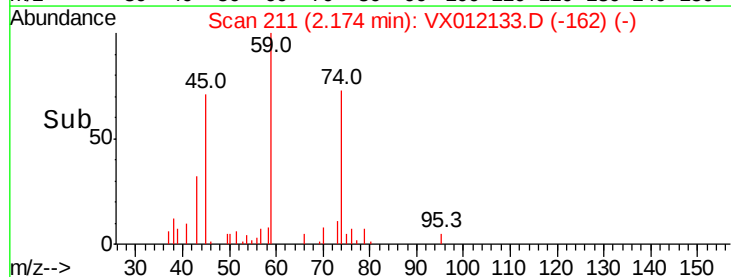
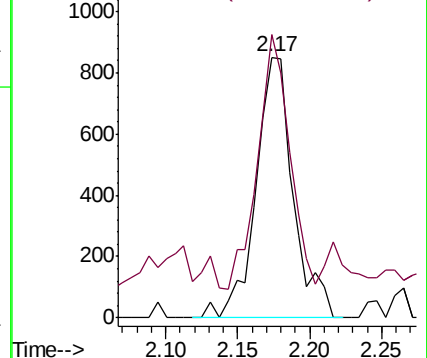
74 100

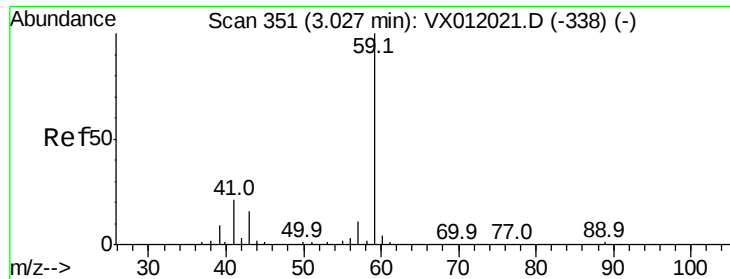
45 84.2 45.9 137.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

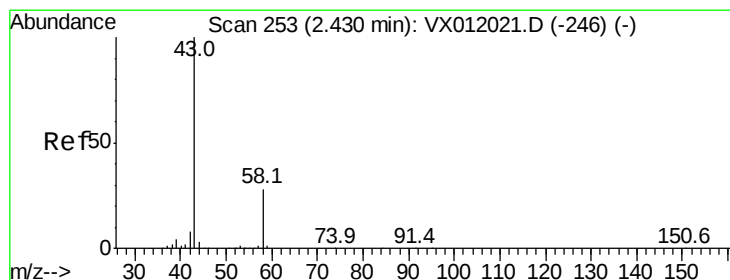
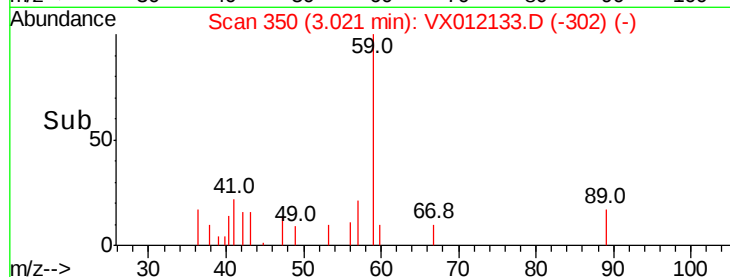
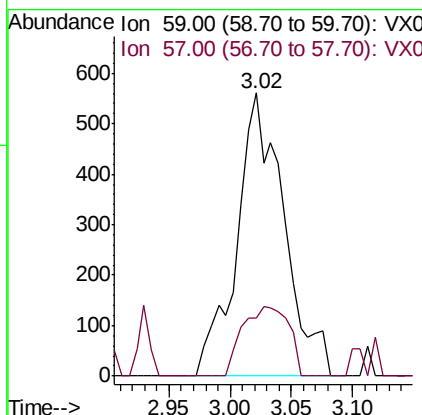
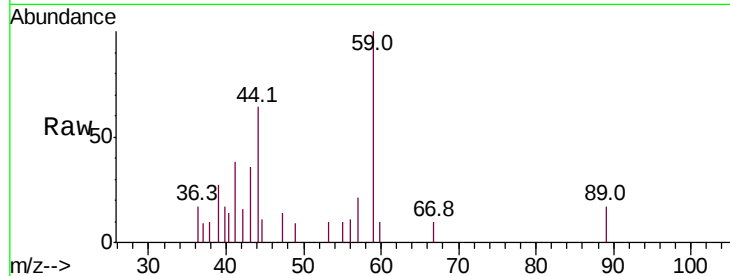




#11
Tert butyl alcohol
Concen: 7.508 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX012133.D
Acq: 06 Sep 2019 07:31

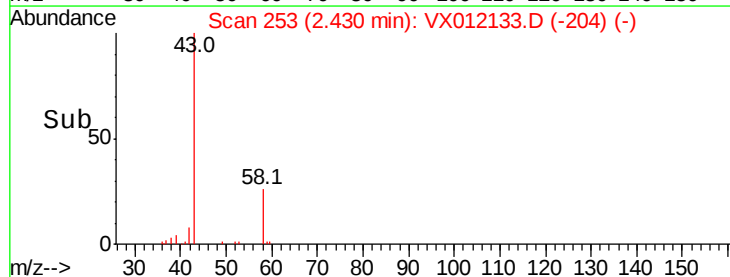
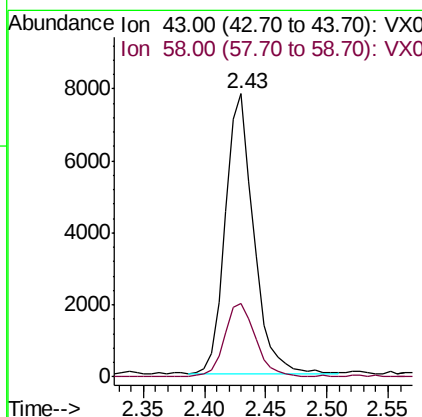
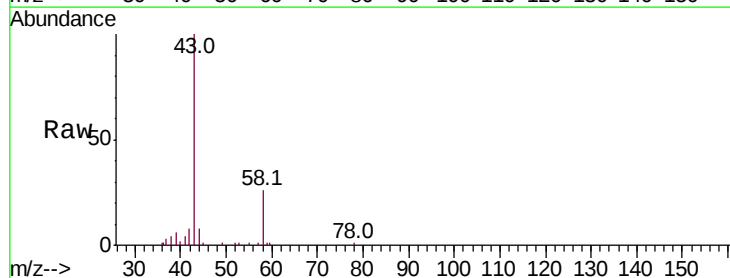
Instrument :
MSVOA_X
ClientSampled :

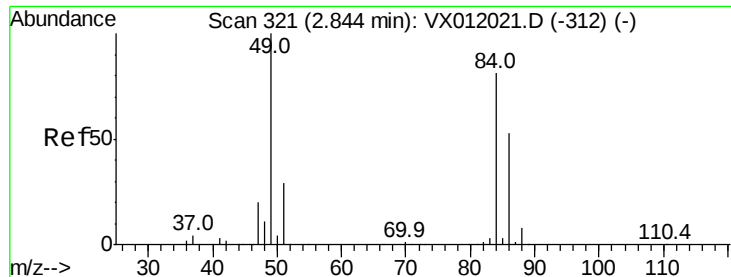
Tot Ion: 59 Resp: 1503
Ion Ratio Lower Upper
59 100
57 24.0 7.9 11.9#



#16
Acetone
Concen: 24.750 ug/l
RT: 2.43 min Scan# 253
Delta R.T. -0.00 min
Lab File: VX012133.D
Acq: 06 Sep 2019 07:31

Tgt Ion: 43 Resp: 12330
Ion Ratio Lower Upper
43 100
58 26.3 22.8 34.2



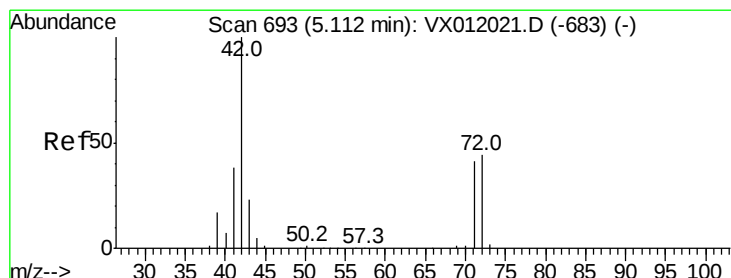
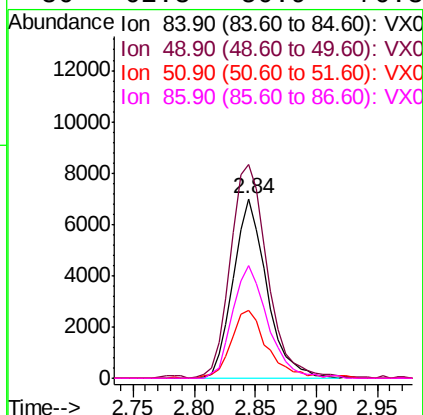
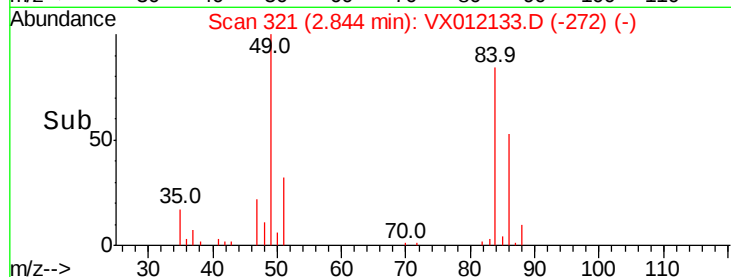
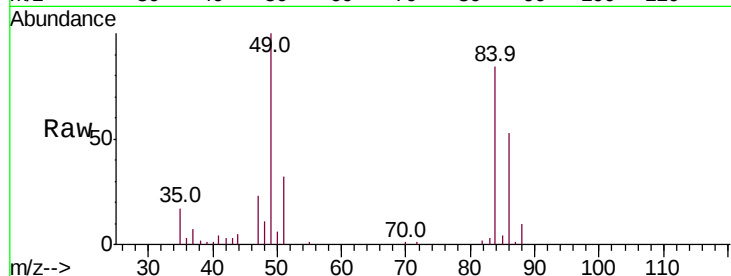


#20
Methvlene Chloride
Concen: 6.694 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012133.D
Acq: 06 Sep 2019 07:31

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 84 Resp: 13392

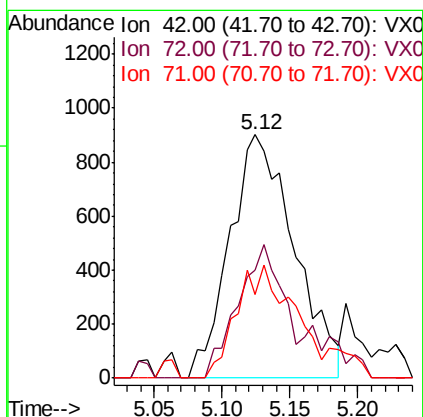
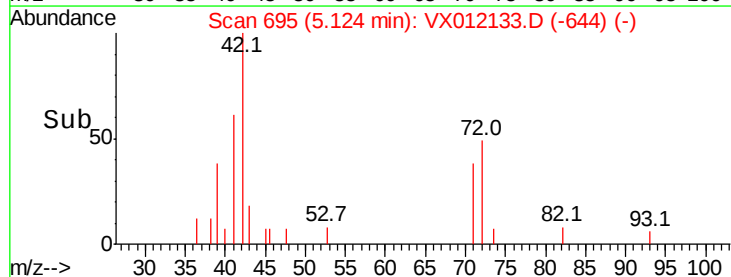
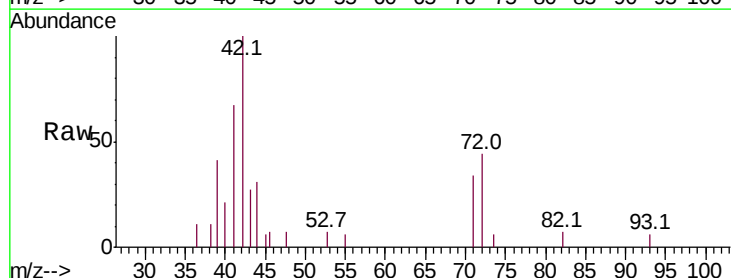
Ion	Ratio	Lower	Upper
84	100		
49	118.8	95.8	143.8
51	37.7	28.6	43.0
86	62.8	50.9	76.3

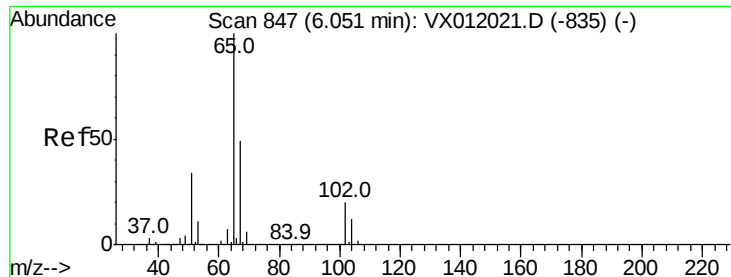


#29
Tetrahydrofuran
Concen: 7.839 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012133.D
Acq: 06 Sep 2019 07:31

Tgt Ion: 42 Resp: 2995

Ion	Ratio	Lower	Upper
42	100		
72	40.2	37.0	55.4
71	43.0	33.8	50.8

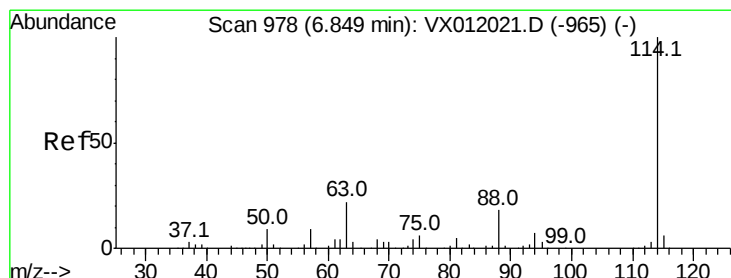
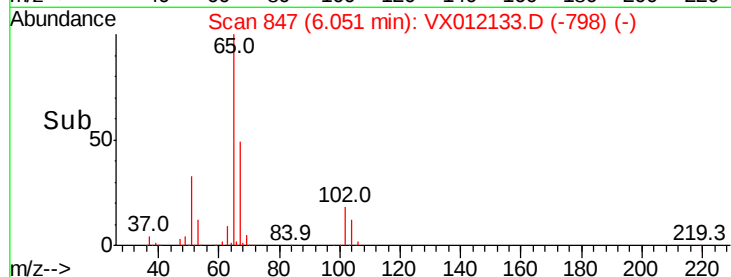
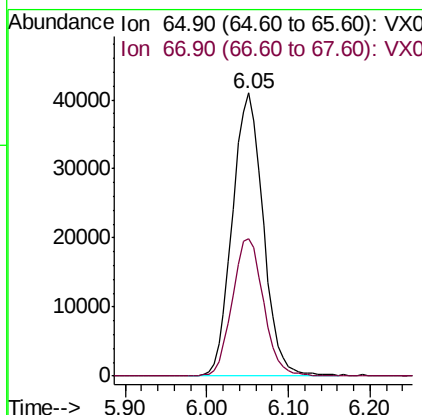
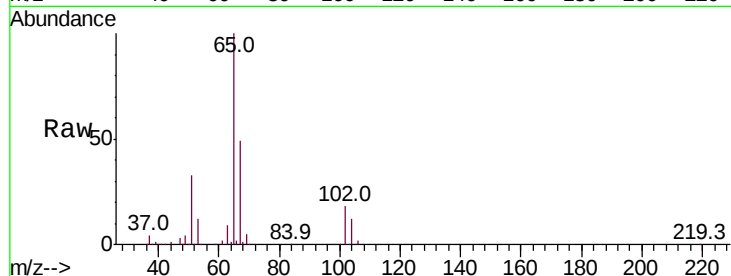




#33
 1,2-Dichloroethane-d4
 Concen: 51.397 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012133.D
 Acq: 06 Sep 2019 07:31

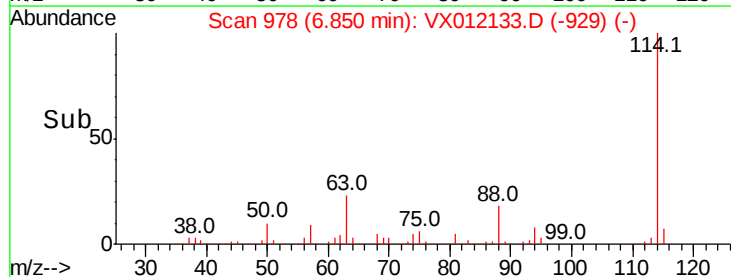
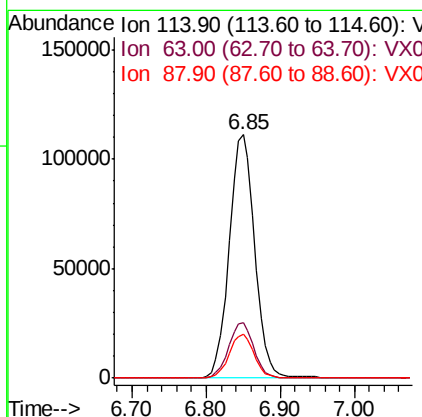
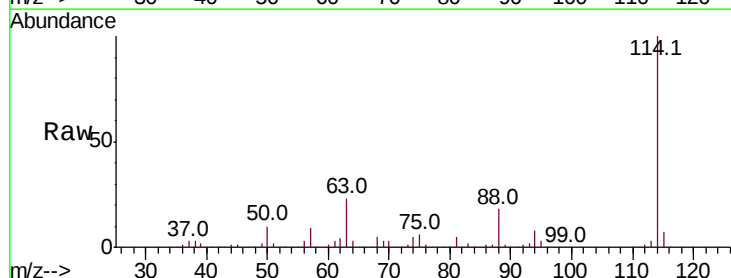
Instrument :
 MSVOA_X
 ClientSampleId :

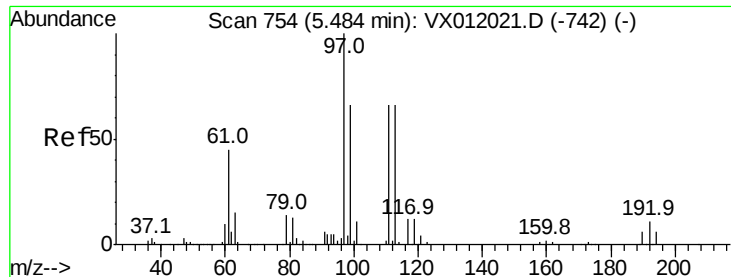
Tot Ion: 65 Resp: 107125
 Ion Ratio Lower Upper
 65 100
 67 49.0 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012133.D
 Acq: 06 Sep 2019 07:31

Tgt Ion: 114 Resp: 266739
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 37.4
 88 17.9 0.0 29.6

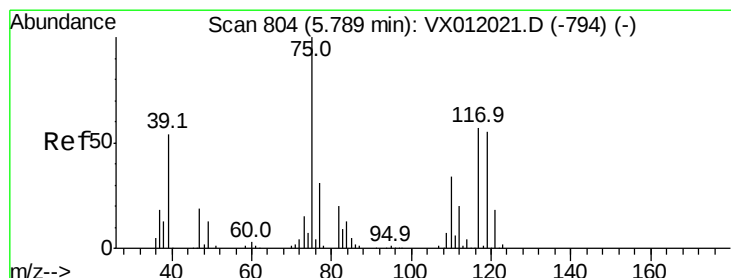
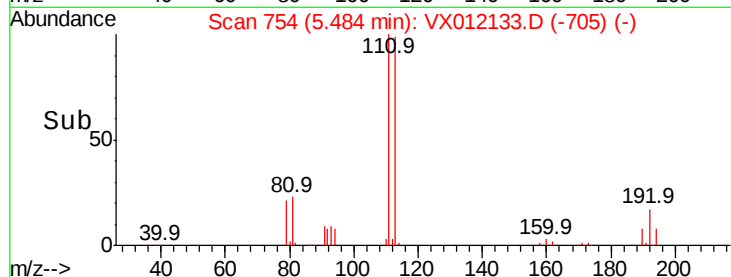
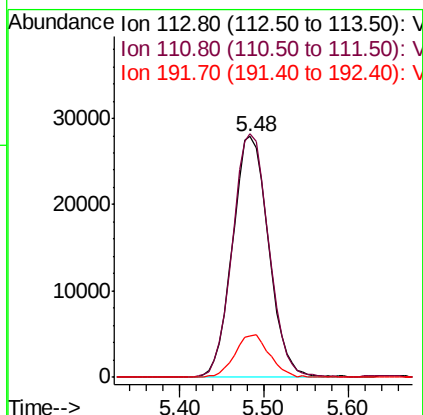
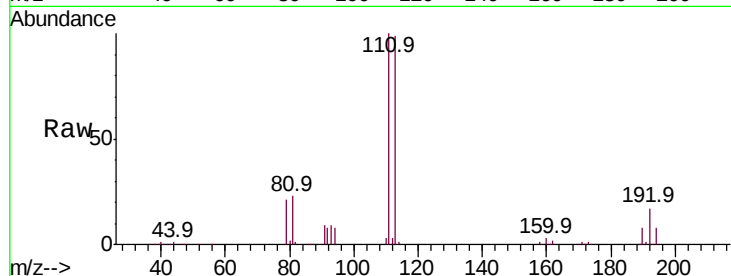




#35
 Dibromofluoromethane
 Concen: 49.355 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012133.D
 Acq: 06 Sep 2019 07:31

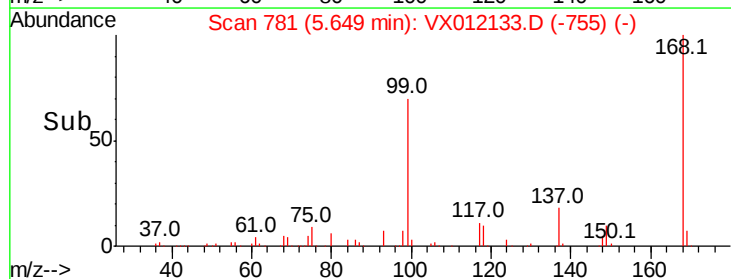
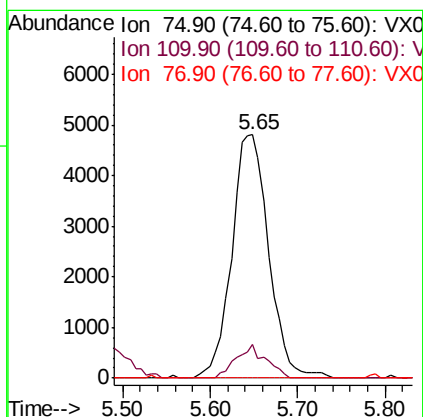
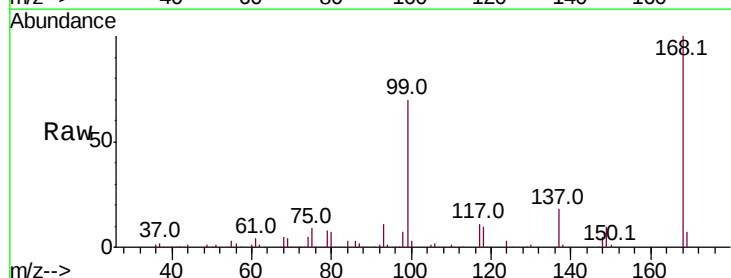
Instrument :
 MSVOA_X
 ClientSampleId :

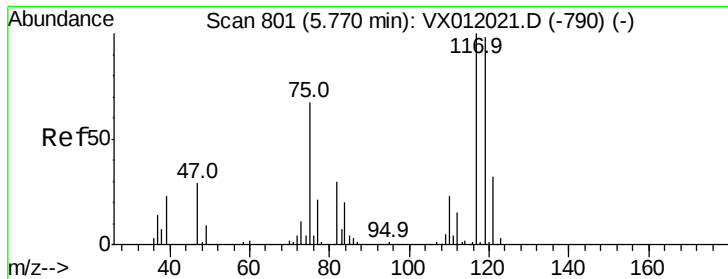
Tot Ion:113 Resp: 80961
 Ion Ratio Lower Upper
 113 100
 111 101.6 81.7 122.5
 192 16.9 22.5 33.7#



#36
 1,1-Dichloropropene
 Concen: 5.993 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX012133.D
 Acq: 06 Sep 2019 07:31

Tgt Ion: 75 Resp: 14079
 Ion Ratio Lower Upper
 75 100
 110 11.1 19.5 58.5#
 77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 7.191 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.13 min

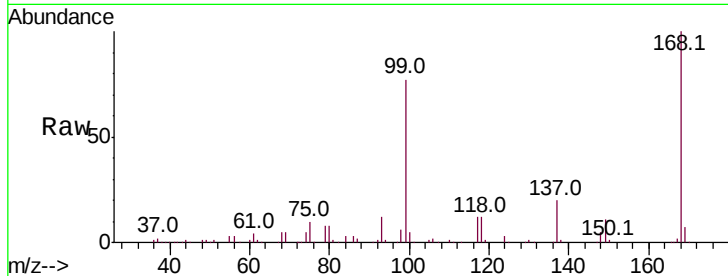
Lab File: VX012133.D

Acq: 06 Sep 2019 07:31

Instrument :

MSVOA_X

ClientSampleId :



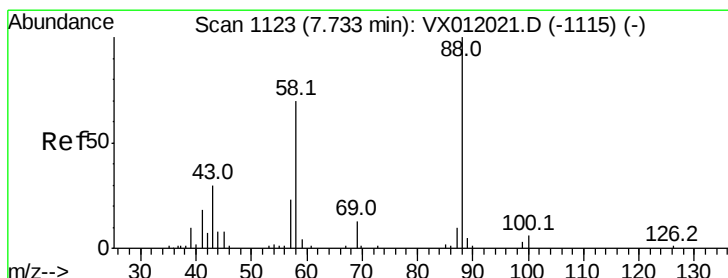
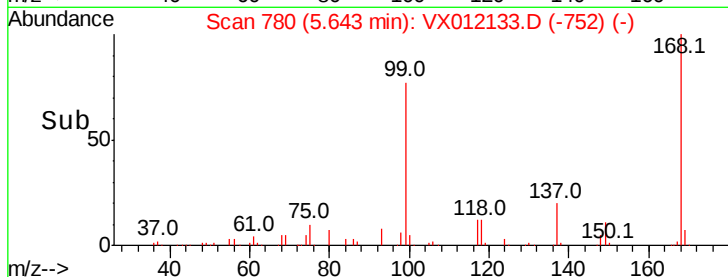
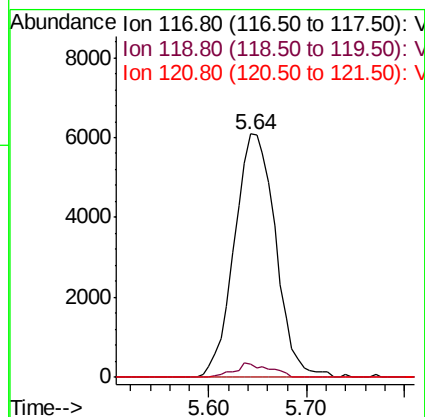
Tot Ion:117 Resp: 17801

Ion Ratio Lower Upper

117 100

119 5.5 78.3 117.5#

121 0.0 24.2 36.2#



#49

1,4-Dioxane

Concen: 1.123 ug/l

RT: 7.92 min Scan# 1154

Delta R.T. 0.20 min

Lab File: VX012133.D

Acq: 06 Sep 2019 07:31

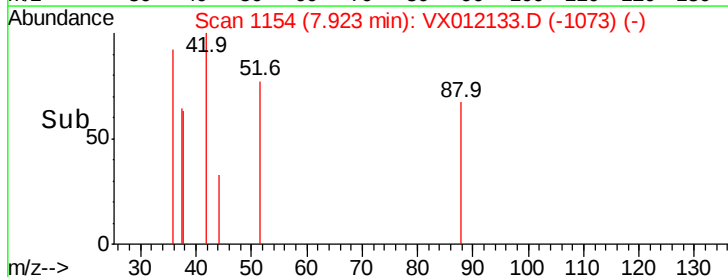
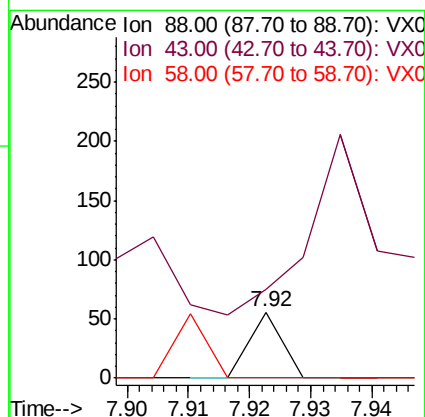
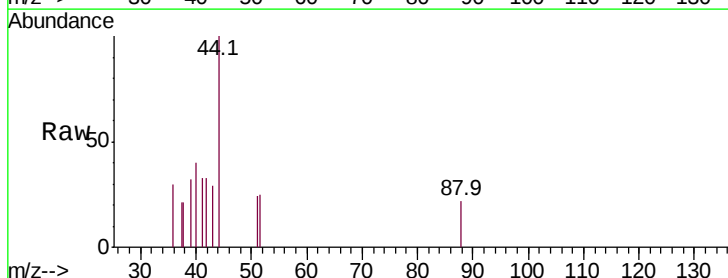
Tgt Ion: 88 Resp: 20

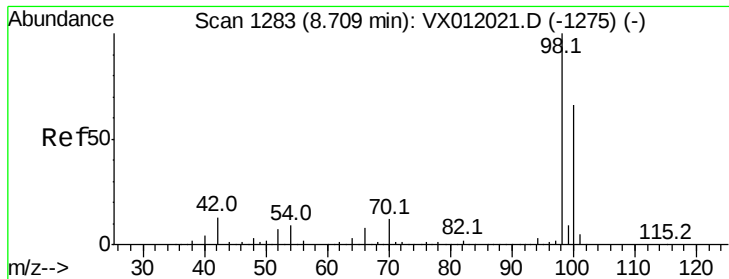
Ion Ratio Lower Upper

88 100

43 665.0 29.8 44.6#

58 0.0 55.4 83.2#





#50

Toluene-d8

Concen: 52.590 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX012133.D

Acq: 06 Sep 2019 07:31

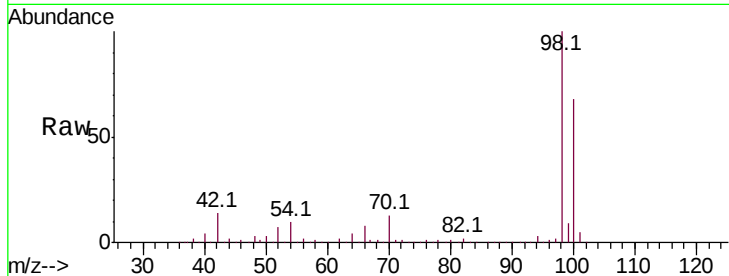
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 98 Resp: 316560

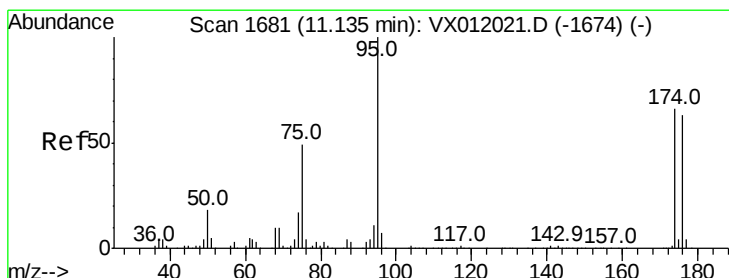
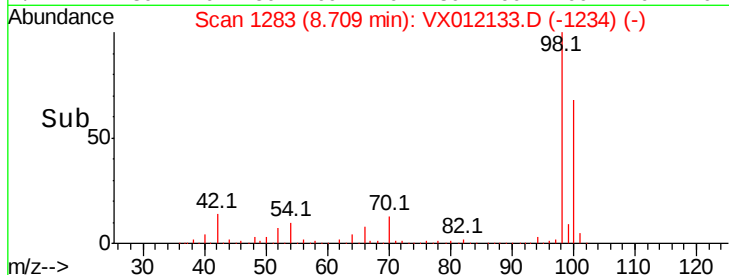
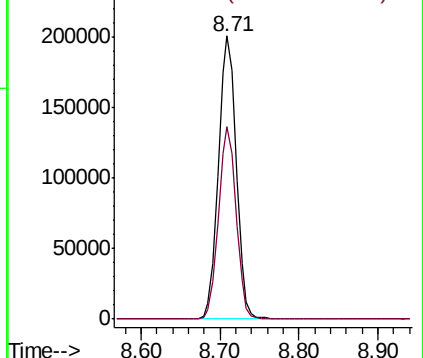
Ion Ratio Lower Upper

98 100

100 67.1 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: 45.758 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012133.D

Acq: 06 Sep 2019 07:31

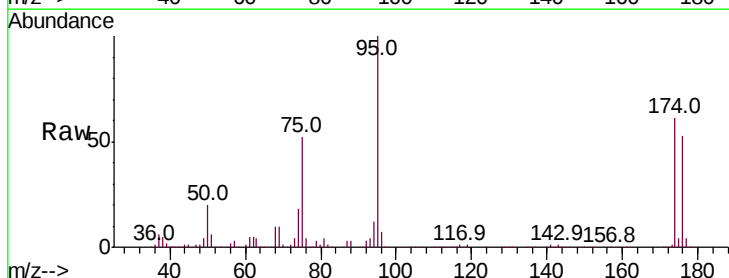
Tgt Ion: 95 Resp: 128094

Ion Ratio Lower Upper

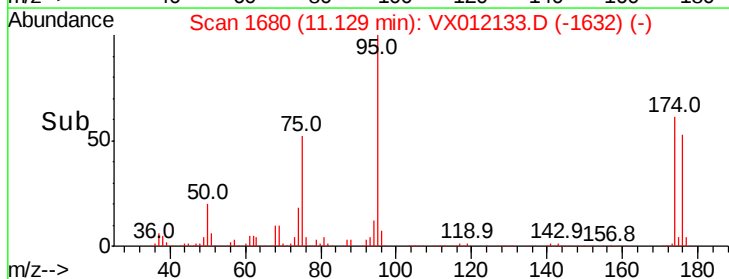
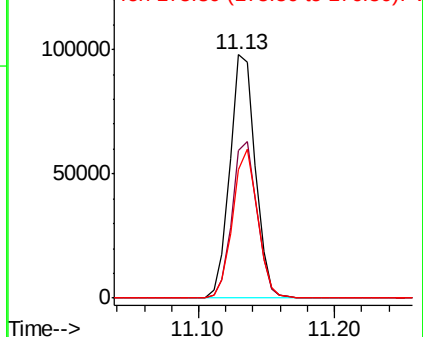
95 100

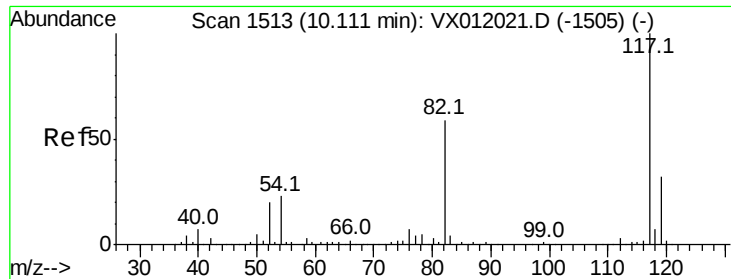
174 63.5 0.0 205.4

176 59.7 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

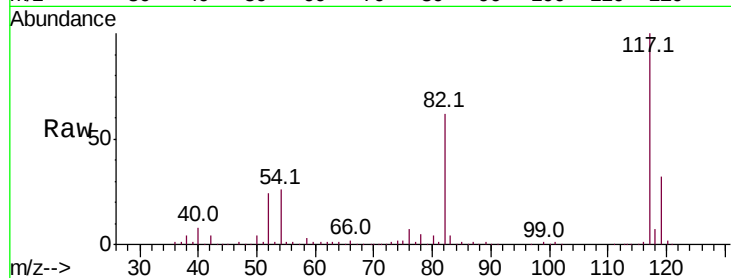




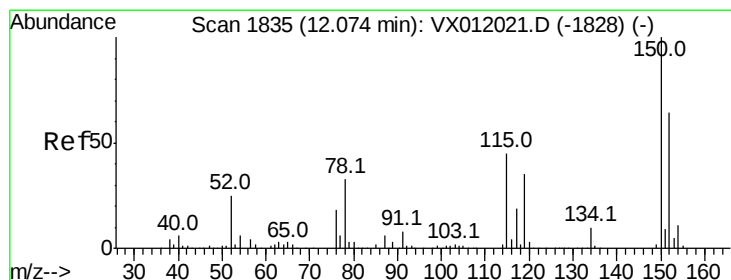
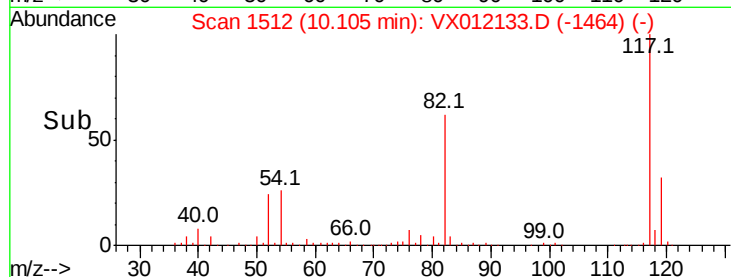
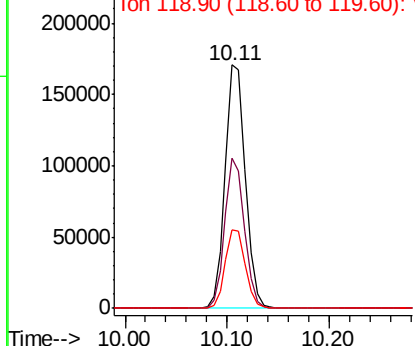
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012133.D
Acq: 06 Sep 2019 07:31

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 235277
Ion Ratio Lower Upper
117 100
82 61.8 39.4 59.0#
119 32.0 26.1 39.1

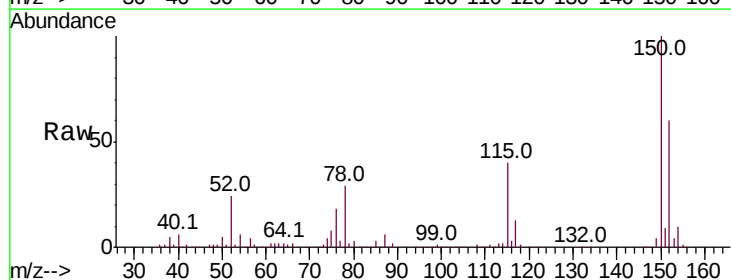


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

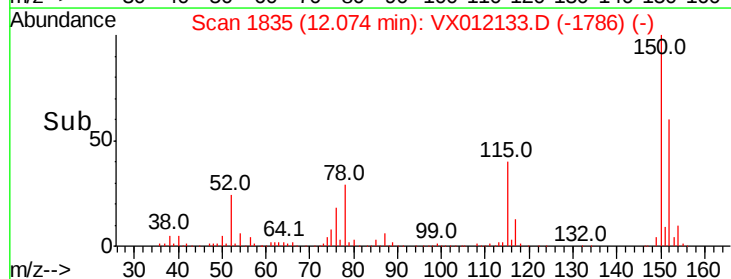
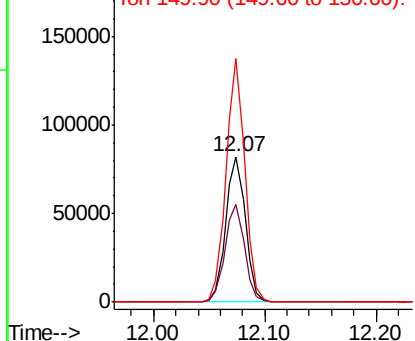


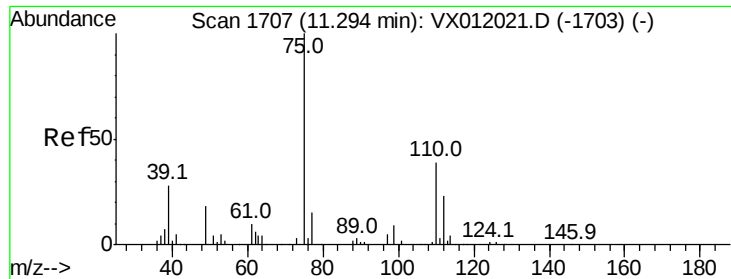
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012133.D
Acq: 06 Sep 2019 07:31

Tgt Ion:152 Resp: 100205
Ion Ratio Lower Upper
152 100
115 66.7 36.4 109.3
150 160.2 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: 54.672 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012133.D

Acq: 06 Sep 2019 07:31

Instrument :

MSVOA_X

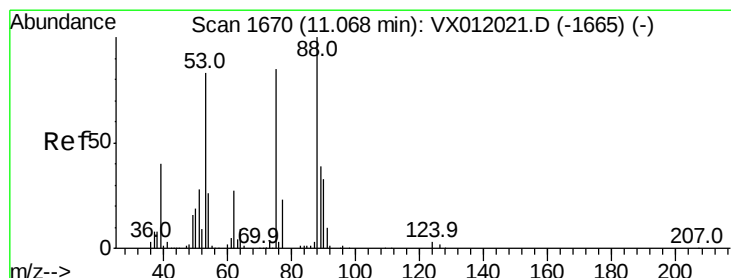
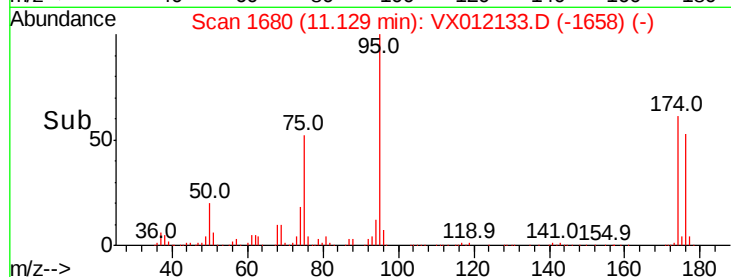
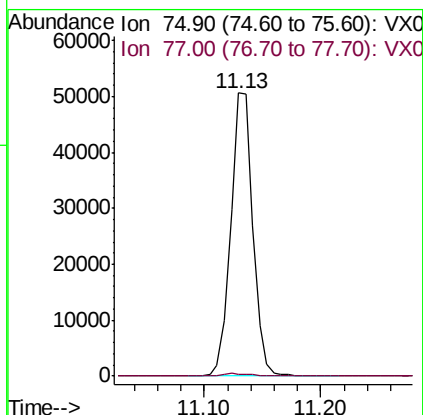
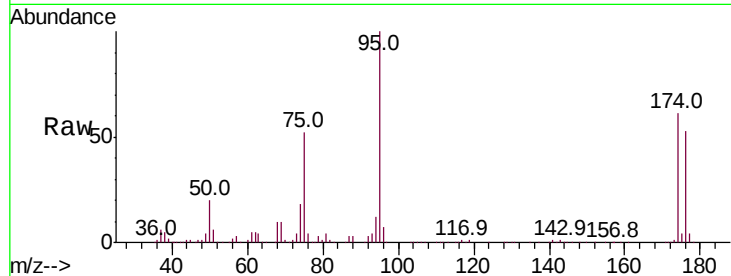
ClientSampleId :

Tot Ion: 75 Resp: 66938

Ion Ratio Lower Upper

75 100

77 1.0 23.5 70.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 129.253 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX012133.D

Acq: 06 Sep 2019 07:31

Tgt Ion: 75 Resp: 66938

Ion Ratio Lower Upper

75 100

53 0.0 78.6 117.8#

89 0.1 38.8 58.2#

