

Data File : VX012191.D
Acq On : 07 Sep 2019 23:38
Operator : SY/SP
Sample : VX0907SBL02
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBL02

Quant Time: Sep 08 07:47:06 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	159134	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	277132	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	242148	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	112600	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	105411	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
35) Dibromofluoromethane	5.48	113	81126	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
50) Toluene-d8	8.71	98	327904	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
62) 4-Bromofluorobenzene	11.13	95	131620	45.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.50%	

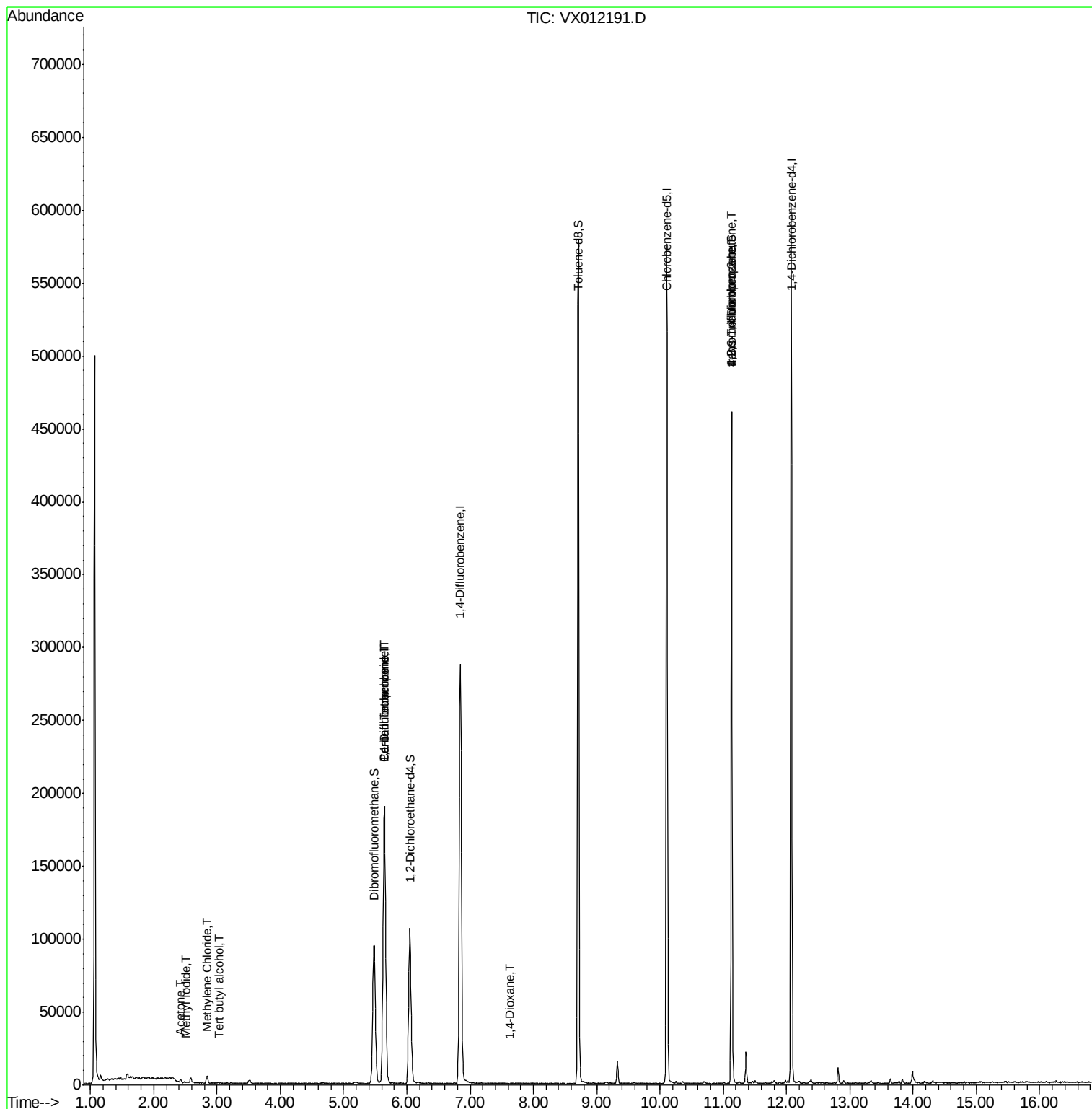
Target Compounds			Qvalue			
10) Methyl Iodide	2.51	142	265	7.127	ug/l #	87
11) Tert butyl alcohol	3.03	59	540	2.560	ug/l #	72
13) Acrolein	2.28	56	37	Below Cal	#	12
16) Acetone	2.42	43	1899	3.618	ug/l	95
20) Methylene Chloride	2.84	84	2179	1.034	ug/l	95
36) 1,1-Dichloropropene	5.64	75	15059	6.170	ug/l #	50
38) Carbon Tetrachloride	5.65	117	18686	7.265	ug/l #	14
49) 1,4-Dioxane	7.63	88	26	1.405	ug/l #	23
76) 1,2,3-Trichloropropane	11.13	75	69863	50.780	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.13	75	69863	120.052	ug/l #	10

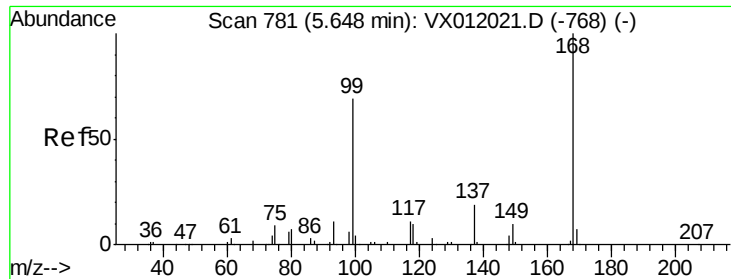
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VX012191.D
Acq On : 07 Sep 2019 23:38
Operator : SY/SP
Sample : VX0907SBL02
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBL02

Quant Time: Sep 08 07:47:06 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.01 min

Lab File: VX012191.D

Acq: 07 Sep 2019 23:38

Instrument :

MSVOA_X

ClientSampleId :

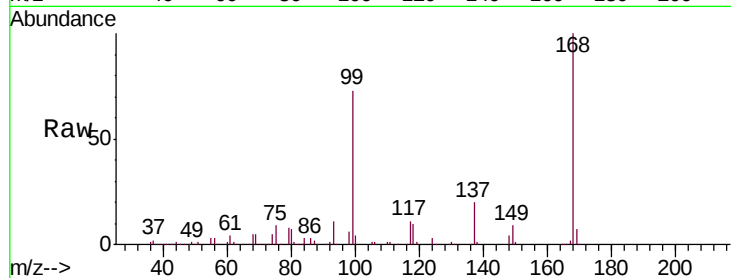
VX0907SBL02

Tgt Ion:168 Resp: 159134

Ion Ratio Lower Upper

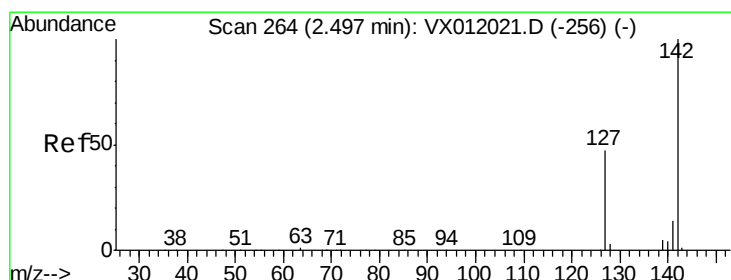
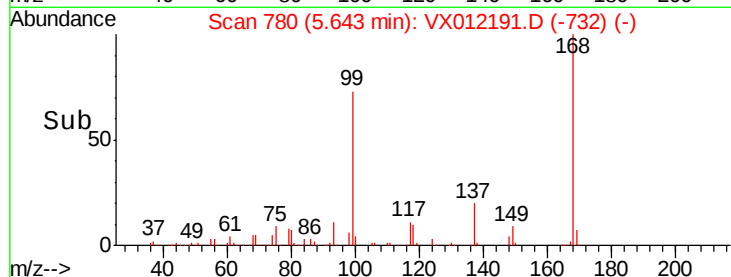
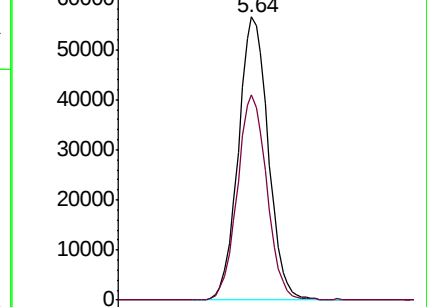
168 100

99 72.7 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: 7.127 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX012191.D

Acq: 07 Sep 2019 23:38

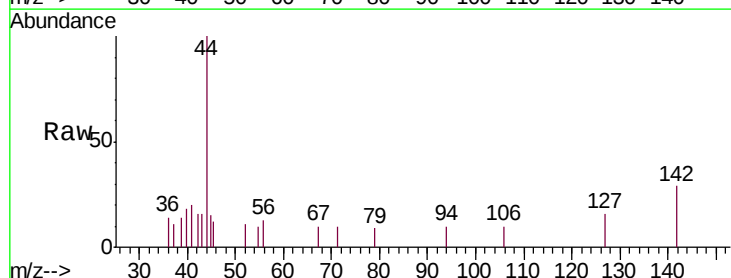
Tgt Ion:142 Resp: 265

Ion Ratio Lower Upper

142 100

127 47.9 35.4 53.2

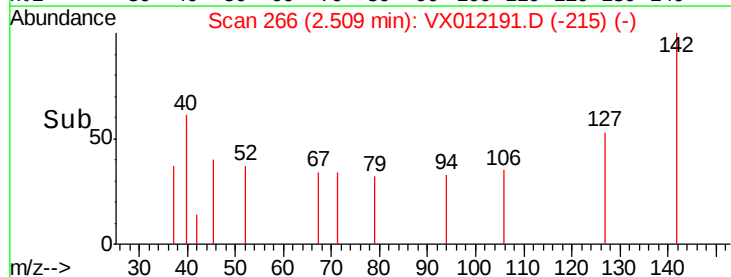
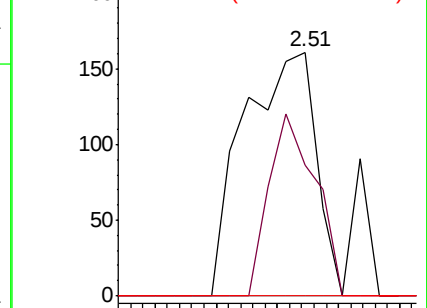
141 0.0 11.4 17.2#

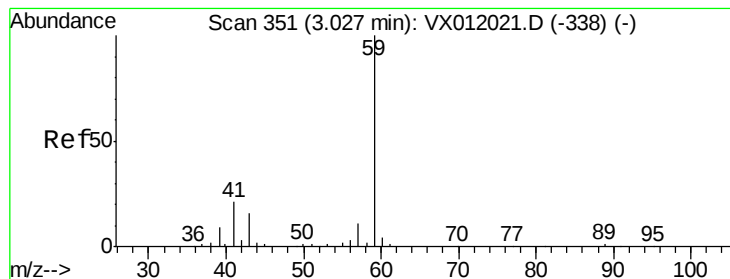


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



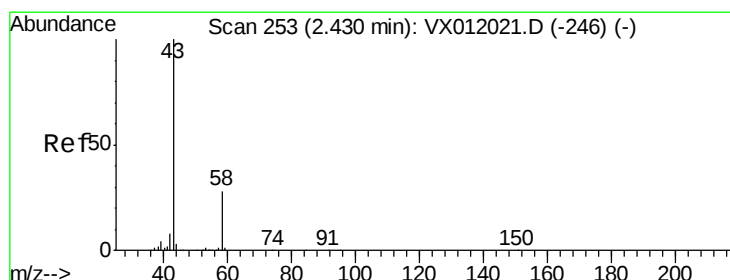
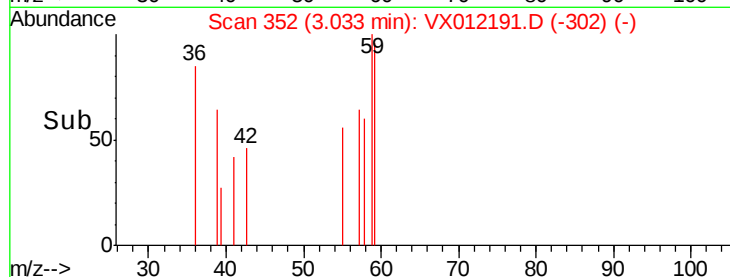
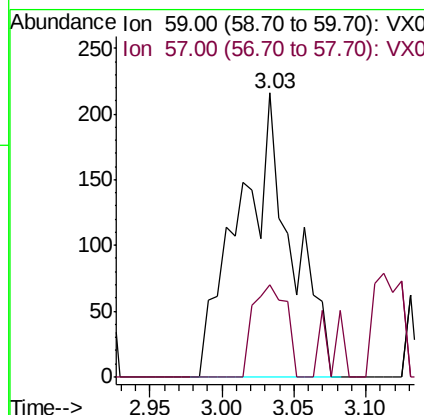
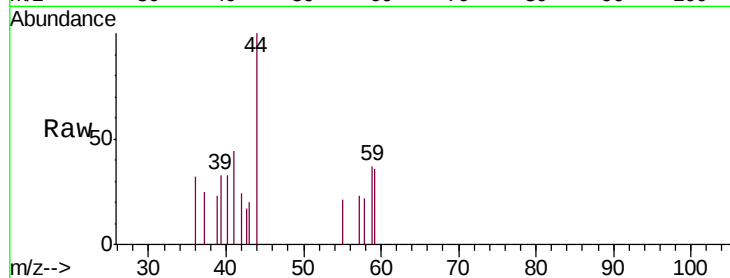


#11

Tert butyl alcohol
 Concen: 2.560 ug/l
 RT: 3.03 min Scan# 352
 Delta R.T. 0.01 min
 Lab File: VX012191.D
 Acq: 07 Sep 2019 23:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBL02

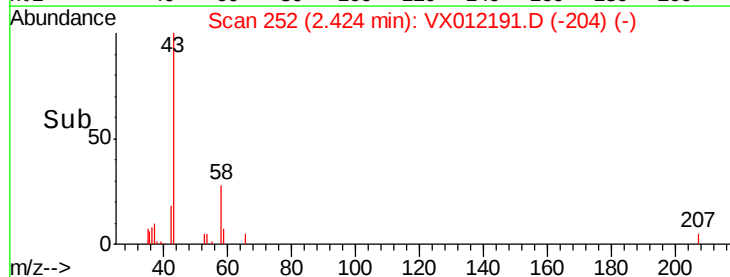
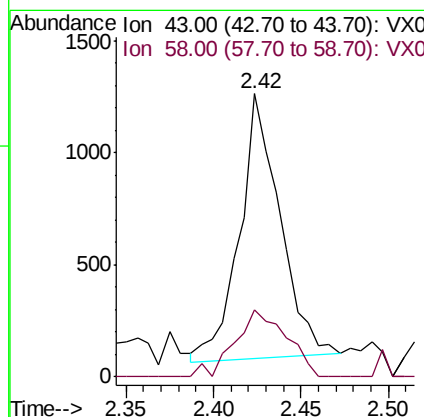
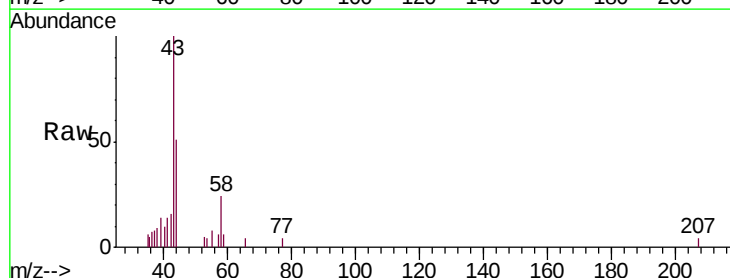
Tgt Ion: 59 Resp: 540
 Ion Ratio Lower Upper
 59 100
 57 20.4 7.9 11.9#

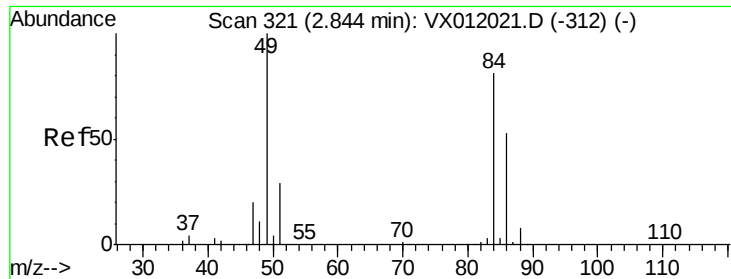


#16

Acetone
 Concen: 3.618 ug/l
 RT: 2.42 min Scan# 252
 Delta R.T. -0.01 min
 Lab File: VX012191.D
 Acq: 07 Sep 2019 23:38

Tgt Ion: 43 Resp: 1899
 Ion Ratio Lower Upper
 43 100
 58 26.1 22.8 34.2

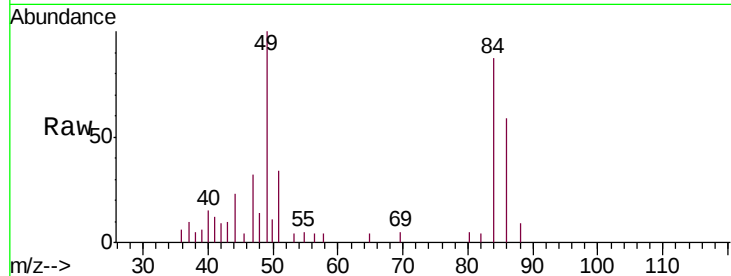




#20
Methylene Chloride
Concen: 1.034 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012191.D
Acq: 07 Sep 2019 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBL02

Tgt Ion:	84	Resp:	2179
Ion	Ratio	Lower	Upper
84	100		
49	115.4	95.8	143.8
51	39.6	28.6	43.0
86	67.7	50.9	76.3



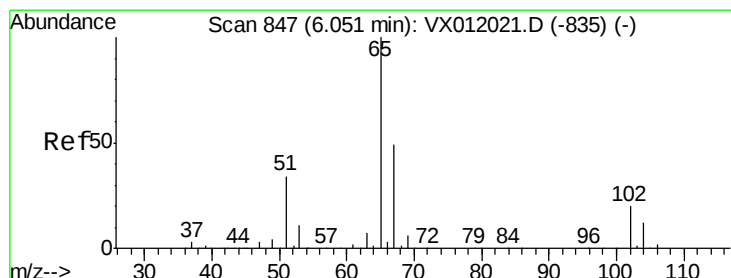
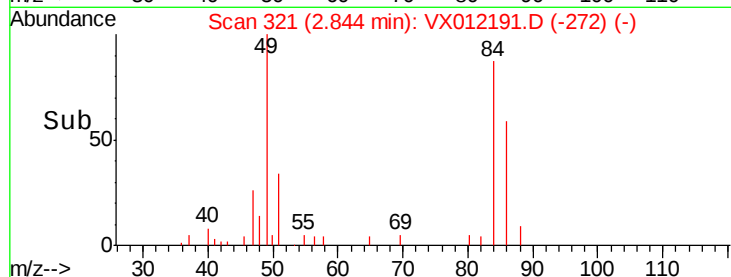
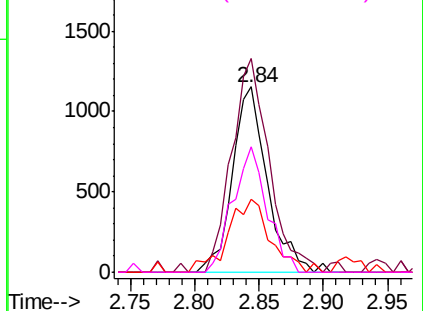
Abundance

Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

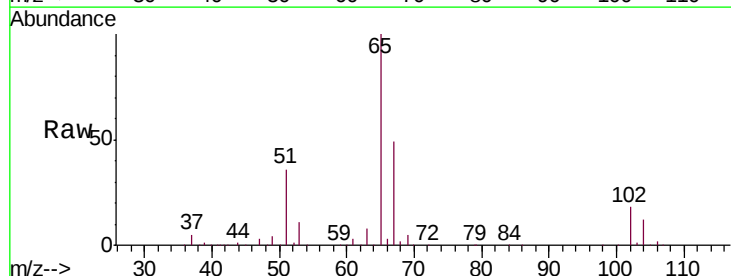
Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33
1,2-Dichloroethane-d4
Concen: 48.007 ug/l
RT: 6.04 min Scan# 846
Delta R.T. -0.01 min
Lab File: VX012191.D
Acq: 07 Sep 2019 23:38

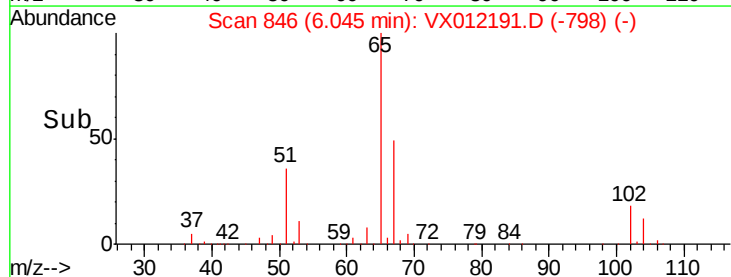
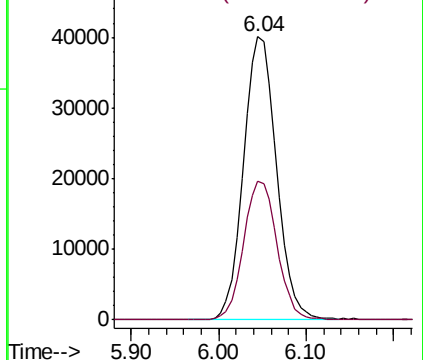
Tgt Ion:	65	Resp:	105411
Ion	Ratio	Lower	Upper
65	100		
67	49.6	0.0	102.0

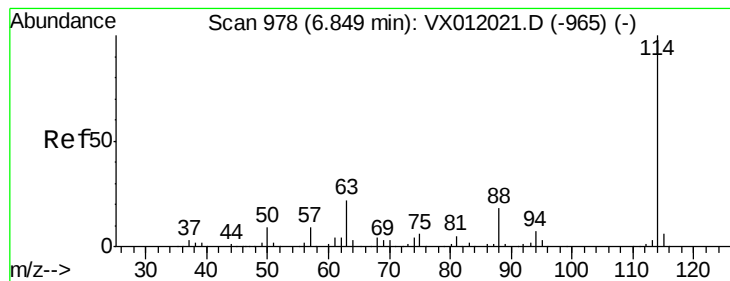


Abundance

Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX012191.D

Acq: 07 Sep 2019 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBL02

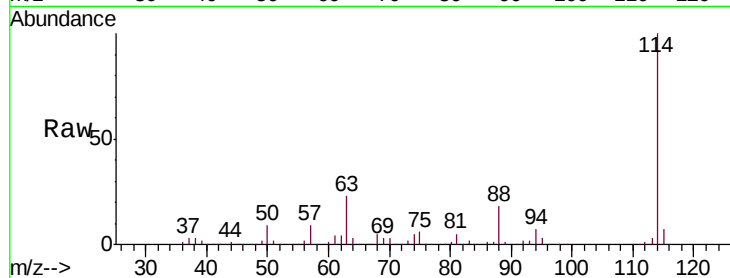
Tgt Ion:114 Resp: 277132

Ion Ratio Lower Upper

114 100

63 23.4 0.0 37.4

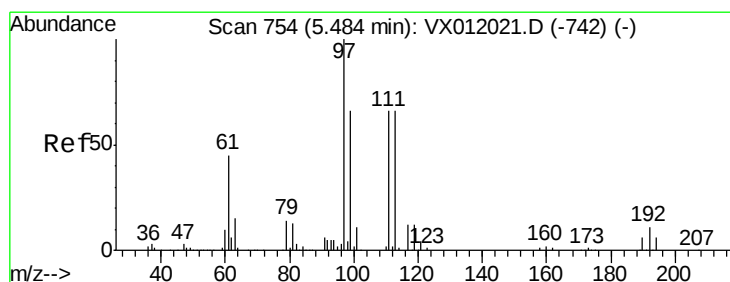
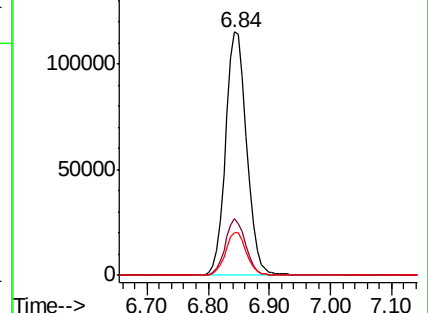
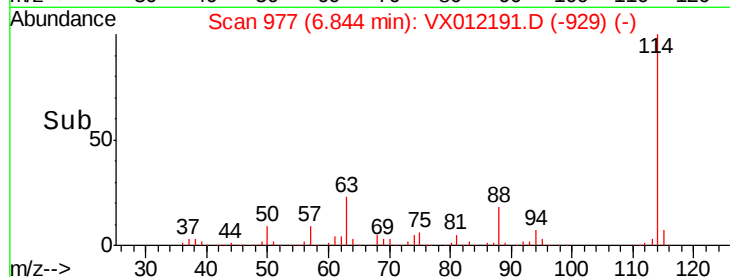
88 17.5 0.0 29.6



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: 47.601 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.01 min

Lab File: VX012191.D

Acq: 07 Sep 2019 23:38

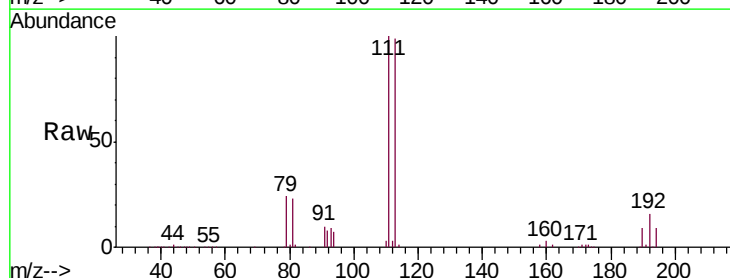
Tgt Ion:113 Resp: 81126

Ion Ratio Lower Upper

113 100

111 102.8 81.7 122.5

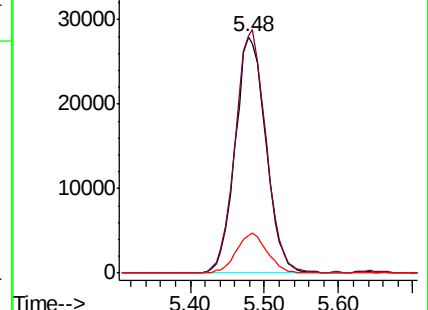
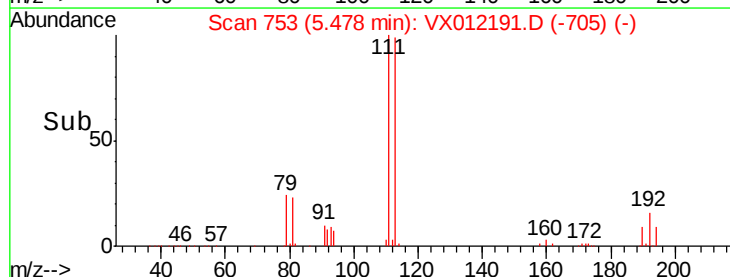
192 17.0 22.5 33.7#

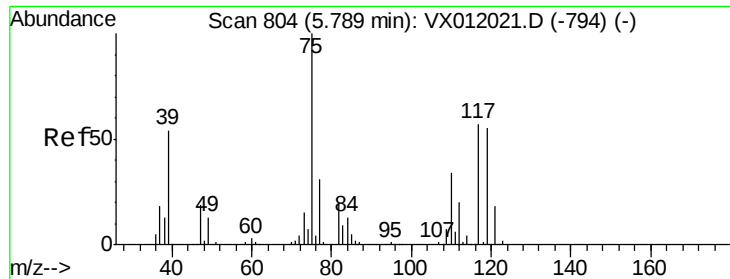


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

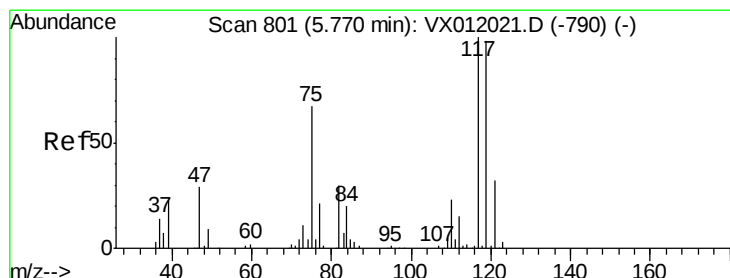
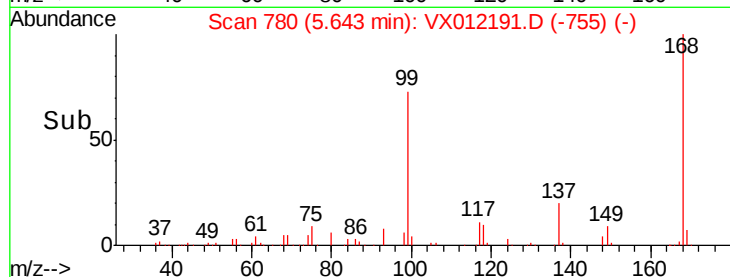
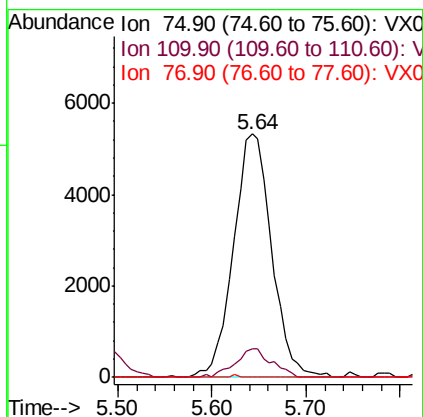
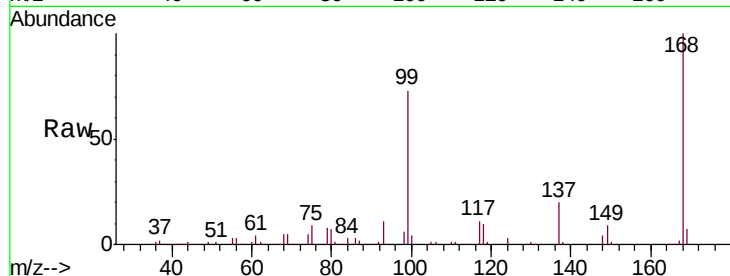




#36
 1,1-Dichloropropene
 Concen: 6.170 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.15 min
 Lab File: VX012191.D
 Acq: 07 Sep 2019 23:38

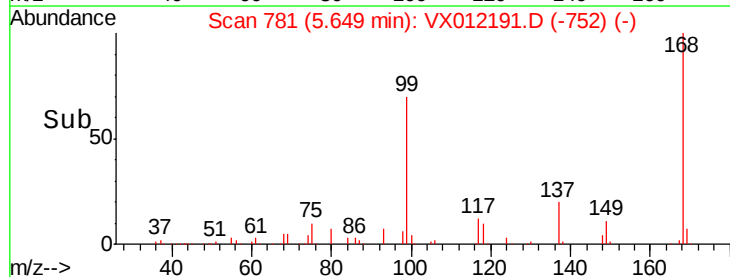
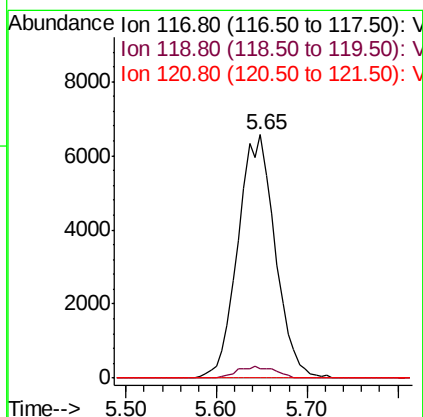
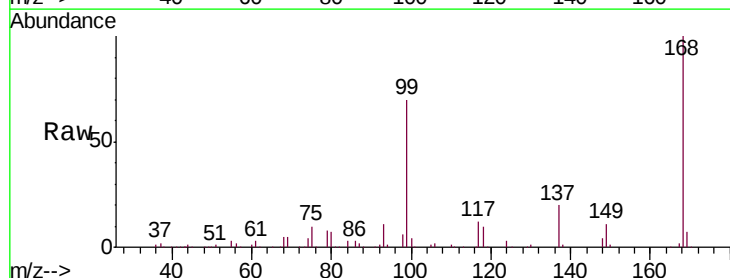
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBL02

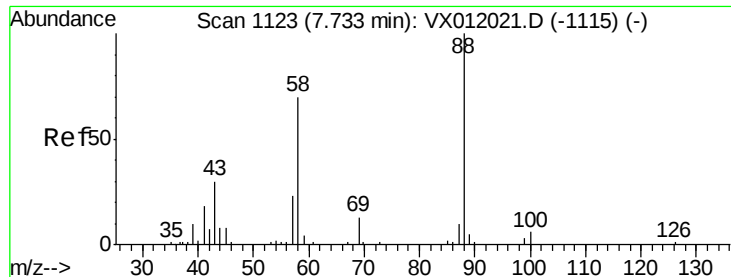
Tgt Ion: 75 Resp: 15059
 Ion Ratio Lower Upper
 75 100
 110 11.2 19.5 58.5#
 77 0.0 24.6 37.0#



#38
 Carbon Tetrachloride
 Concen: 7.265 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.12 min
 Lab File: VX012191.D
 Acq: 07 Sep 2019 23:38

Tgt Ion: 117 Resp: 18686
 Ion Ratio Lower Upper
 117 100
 119 4.0 78.3 117.5#
 121 0.0 24.2 36.2#

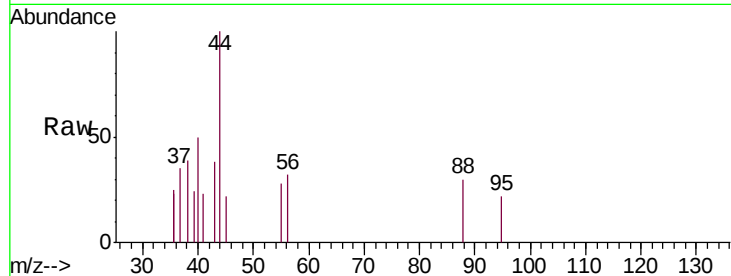




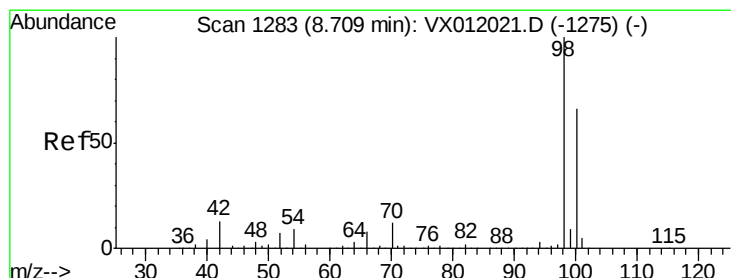
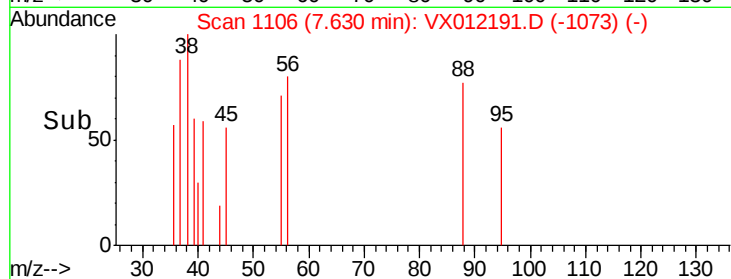
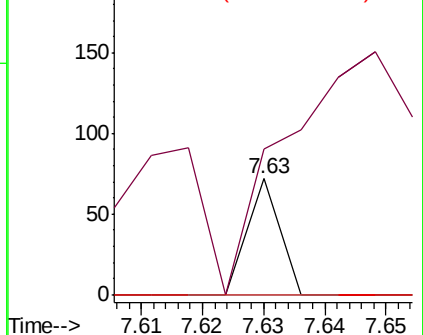
#49
1,4-Dioxane
Concen: 1.405 ug/l
RT: 7.63 min Scan# 1106
Delta R.T. -0.10 min
Lab File: VX012191.D
Acq: 07 Sep 2019 23:38

Instrument :
MSVOA_X
ClientSampleId :
VX0907SBL02

Tgt Ion: 88 Resp: 26
Ion Ratio Lower Upper
88 100
43 0.0 29.8 44.6#
58 0.0 55.4 83.2#

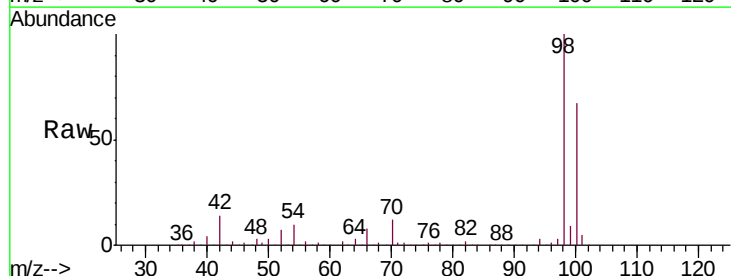


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

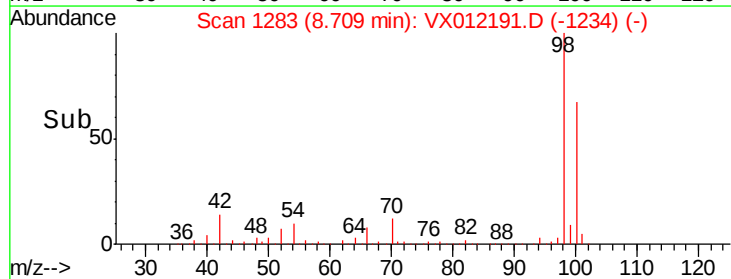
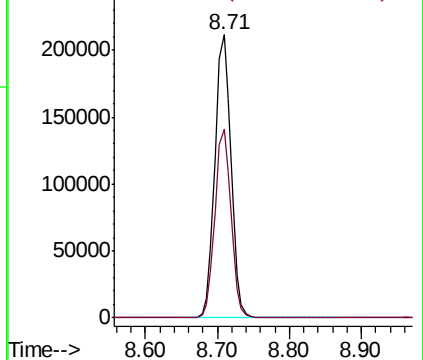


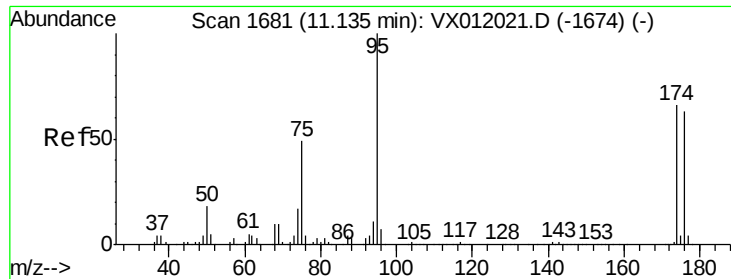
#50
Toluene-d8
Concen: 52.432 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012191.D
Acq: 07 Sep 2019 23:38

Tgt Ion: 98 Resp: 327904
Ion Ratio Lower Upper
98 100
100 66.4 53.3 79.9



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

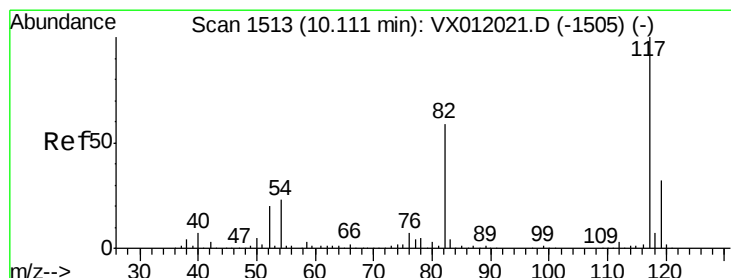
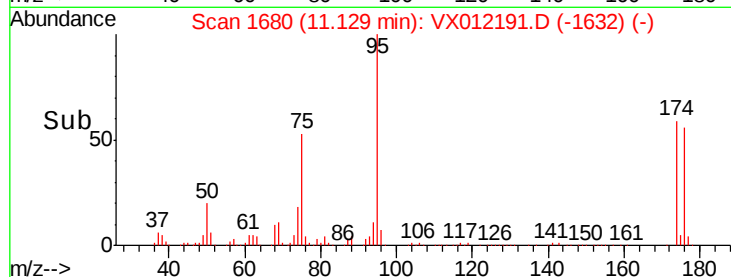
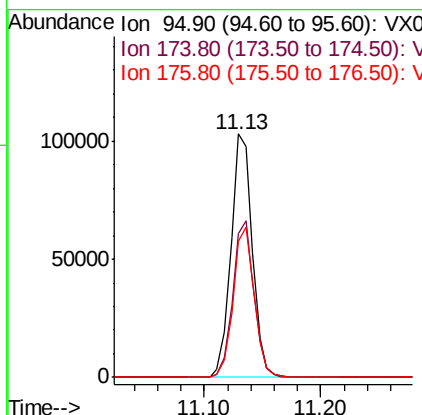
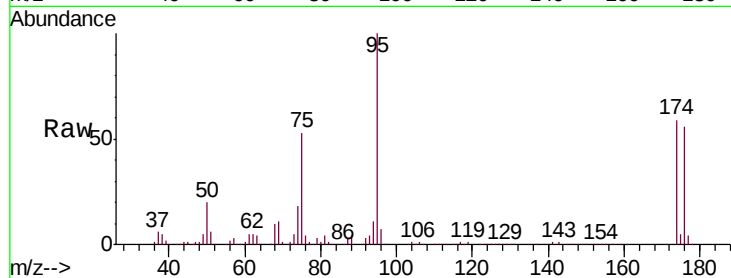




#62
4-Bromofluorobenzene
Concen: 45.254 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX012191.D
Acq: 07 Sep 2019 23:38

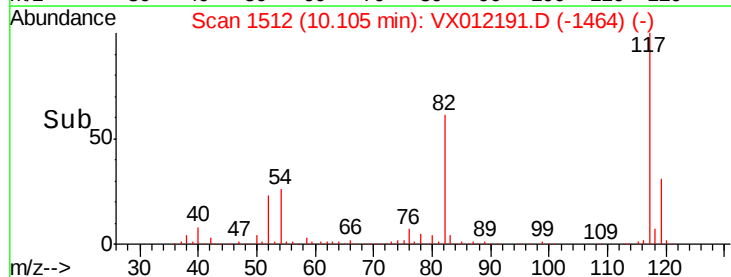
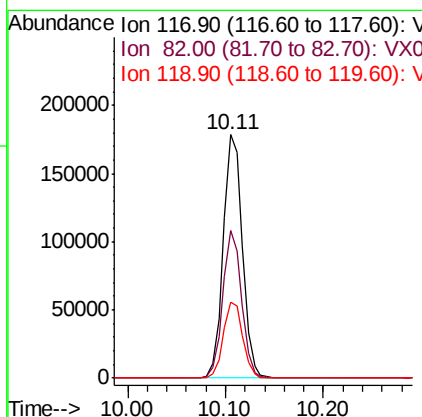
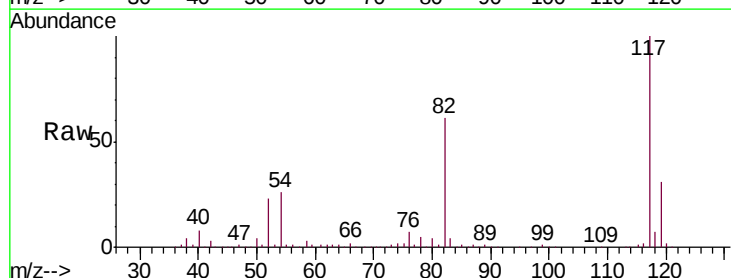
Instrument :
MSVOA_X
ClientSampleId :
VX0907SBL02

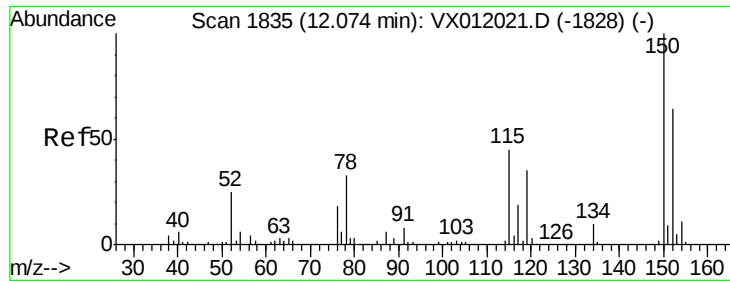
Tgt Ion: 95 Resp: 131620
Ion Ratio Lower Upper
95 100
174 63.7 0.0 205.4
176 60.8 0.0 201.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX012191.D
Acq: 07 Sep 2019 23:38

Tgt Ion: 117 Resp: 242148
Ion Ratio Lower Upper
117 100
82 60.5 39.4 59.0#
119 31.4 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: VX012191.D

Acq: 07 Sep 2019 23:38

Instrument :

MSVOA_X

ClientSampleId :

VX0907SBL02

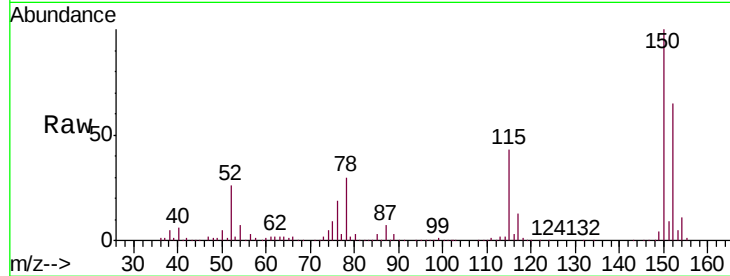
Tgt Ion:152 Resp: 112600

Ion Ratio Lower Upper

152 100

115 64.8 36.4 109.3

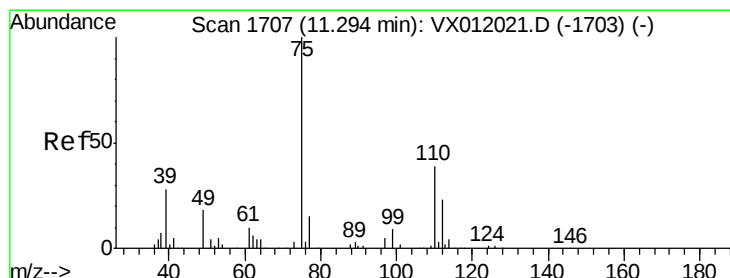
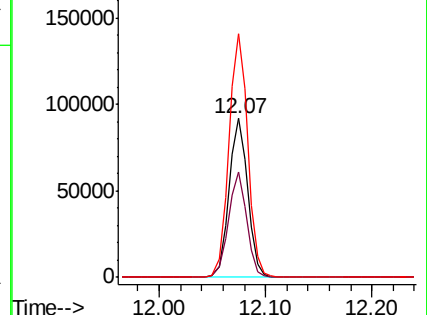
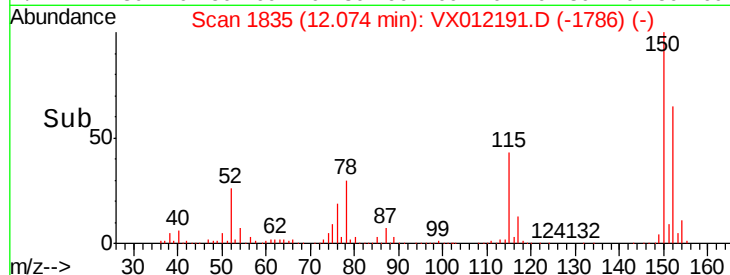
150 155.0 0.0 341.2



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: 50.780 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX012191.D

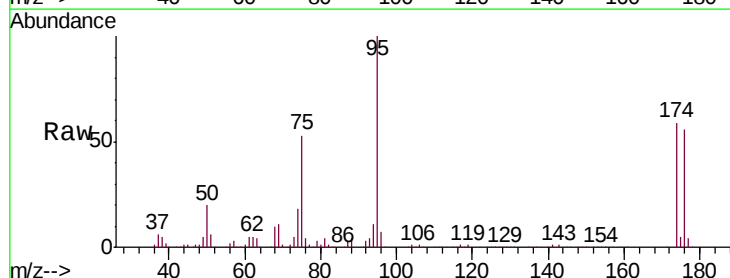
Acq: 07 Sep 2019 23:38

Tgt Ion: 75 Resp: 69863

Ion Ratio Lower Upper

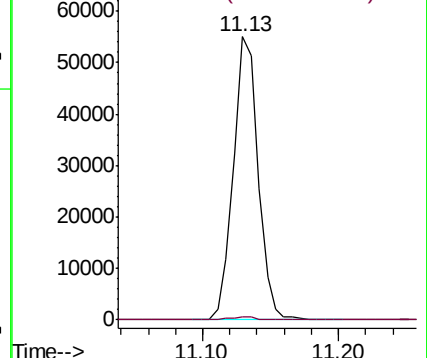
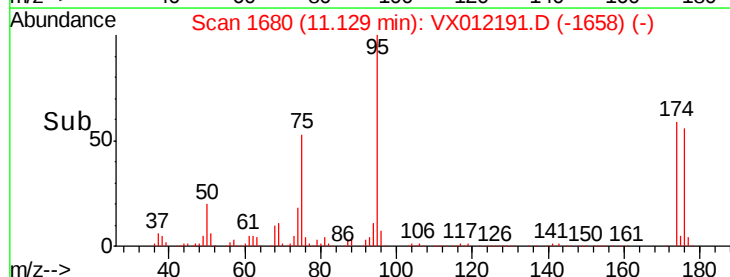
75 100

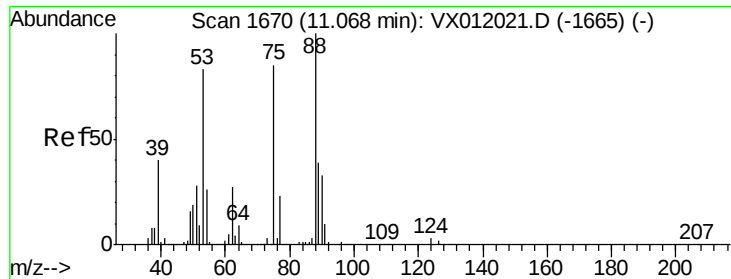
77 1.1 23.5 70.5#



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: 120.052 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX012191.D
 Acq: 07 Sep 2019 23:38

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0907SBL02

Tgt Ion: 75 Resp: 69863
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.6 117.8#
 89 0.1 38.8 58.2#

