

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX090319\
 Data File : VX012029.D
 Acq On : 03 Sep 2019 18:30
 Operator : SY/SP
 Sample : K4525-17
 Misc : 5.32g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-B3-(1.9)

Quant Time: Sep 04 04:04:13 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

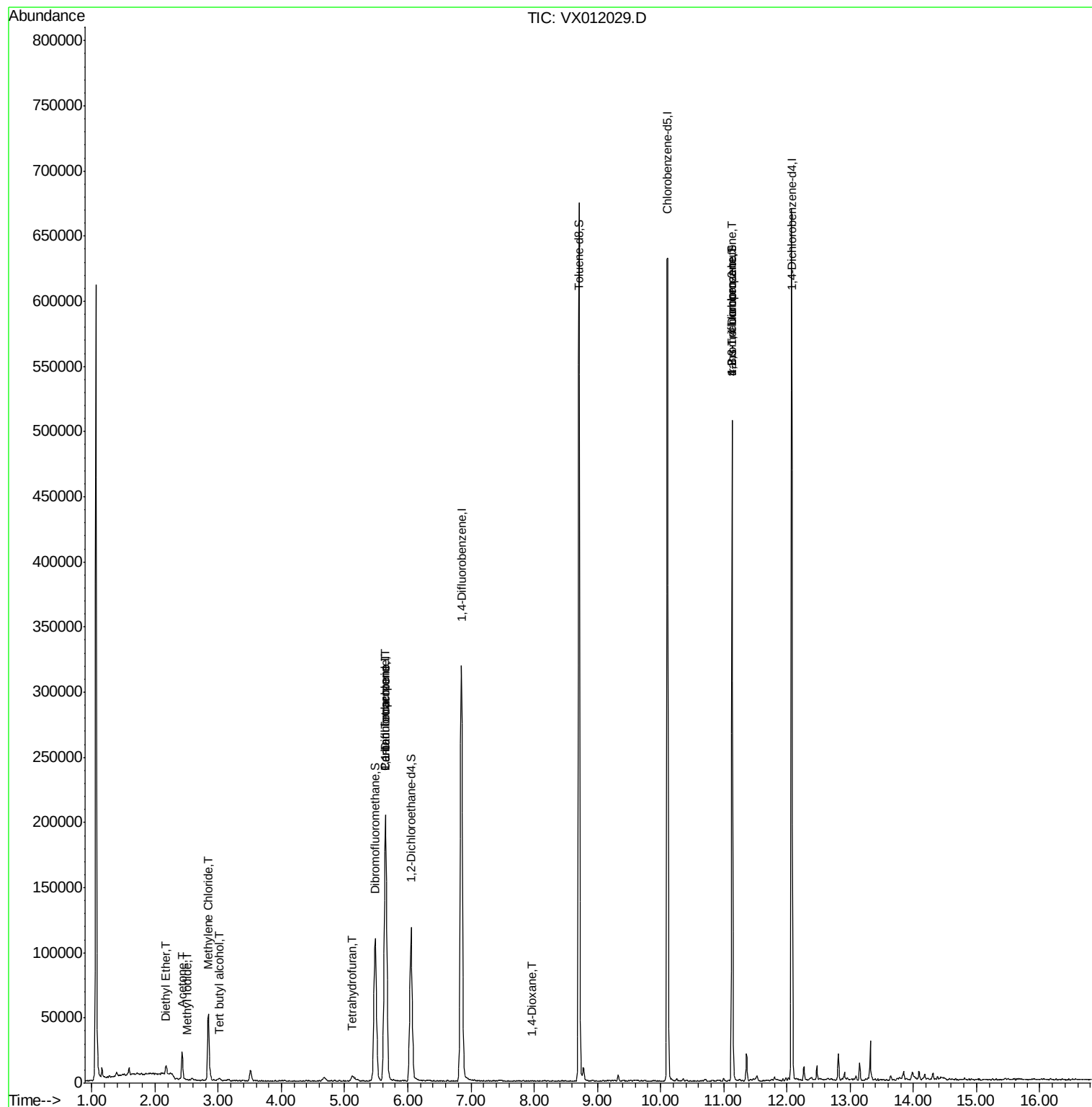
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	176158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	312246	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	277454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	122834	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	115872	47.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.34%	
35) Dibromofluoromethane	5.48	113	93043	48.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.90%	
50) Toluene-d8	8.71	98	372713	52.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.78%	
62) 4-Bromofluorobenzene	11.14	95	146743	44.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.56%	
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.17	74	2162	2.573	ug/l	86
10) Methyl Iodide	2.50	142	348	7.152	ug/l #	78
11) Tert butyl alcohol	3.02	59	1863	7.980	ug/l	100
13) Acrolein	2.28	56	442	Below Cal	#	65
16) Acetone	2.43	43	21350	36.749	ug/l	96
20) Methylene Chloride	2.84	84	24708	10.591	ug/l	95
29) Tetrahydrofuran	5.12	42	4182	9.386	ug/l #	91
36) 1,1-Dichloropropene	5.64	75	16285	5.922	ug/l #	49
38) Carbon Tetrachloride	5.65	117	20225	6.979	ug/l #	15
49) 1,4-Dioxane	7.97	88	40	1.919	ug/l #	23
76) 1,2,3-Trichloropropane	11.13	75	76142	50.733	ug/l #	31
81) trans-1,4-Dichloro-2-buten	11.13	75	76142	119.940	ug/l #	10

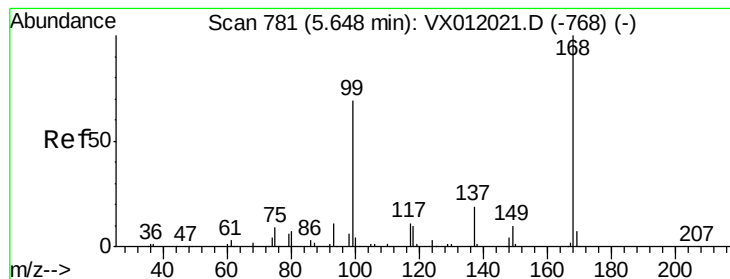
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX090319\
Data File : VX012029.D
Acq On : 03 Sep 2019 18:30
Operator : SY/SP
Sample : K4525-17
Misc : 5.32g/5.0mL/MSVOA_X/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-B3-(1.9)

Quant Time: Sep 04 04:04:13 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: VX012029.D

Acq: 03 Sep 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

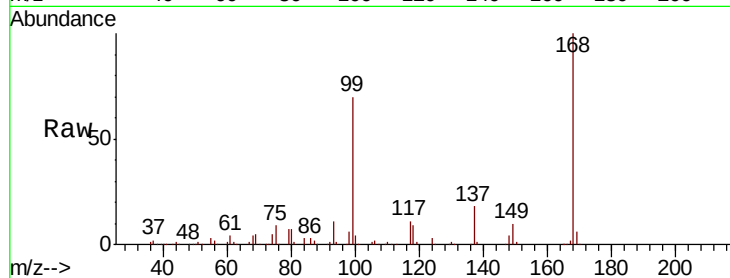
T9-12-13-B3-(1.9)

Tgt Ion:168 Resp: 176158

Ion Ratio Lower Upper

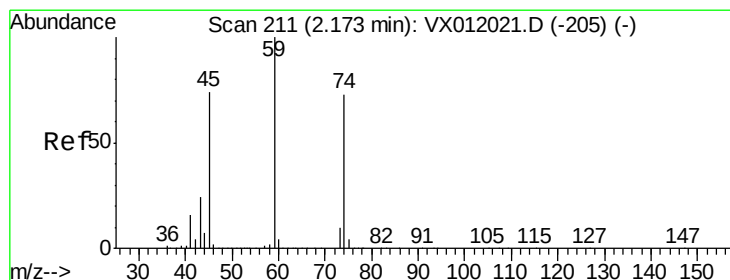
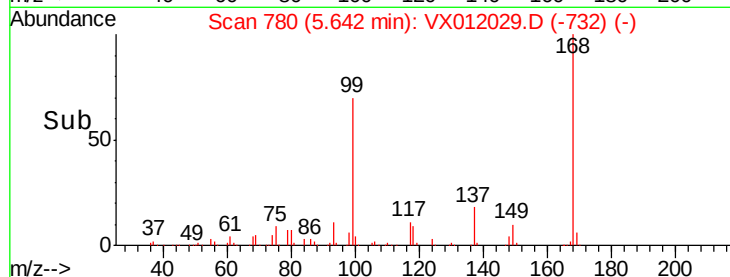
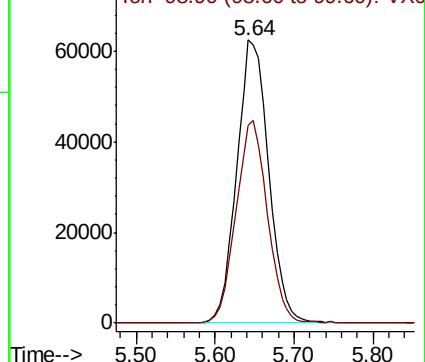
168 100

99 70.0 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: 2.573 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX012029.D

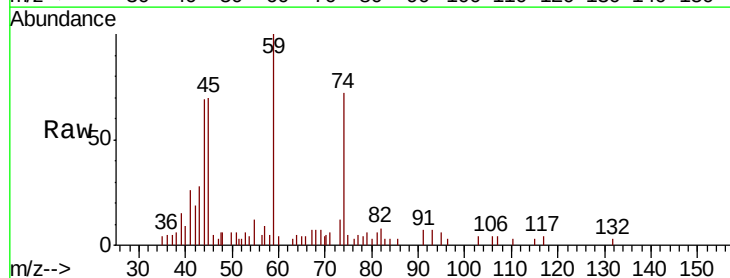
Acq: 03 Sep 2019 18:30

Tgt Ion: 74 Resp: 2162

Ion Ratio Lower Upper

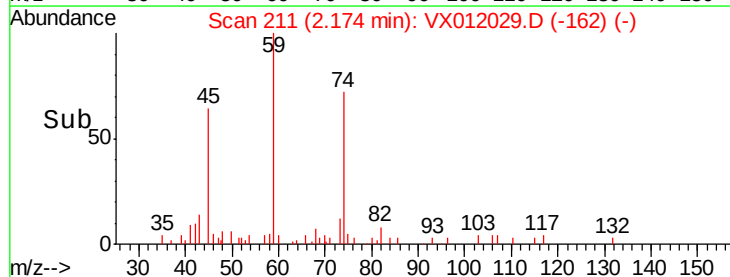
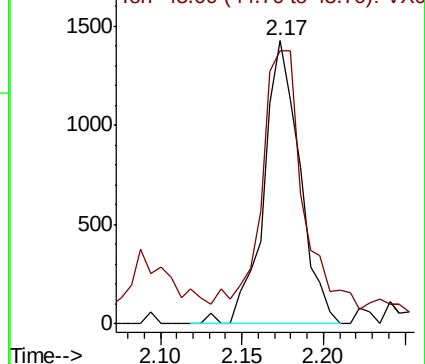
74 100

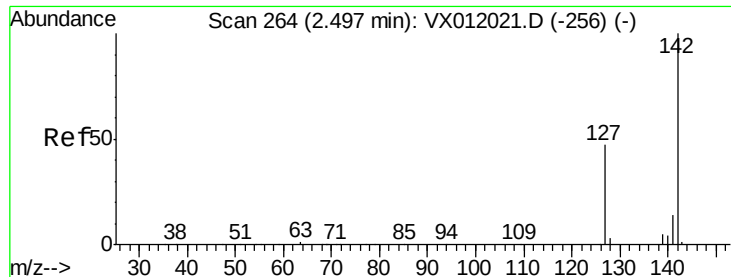
45 104.8 45.9 137.6



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

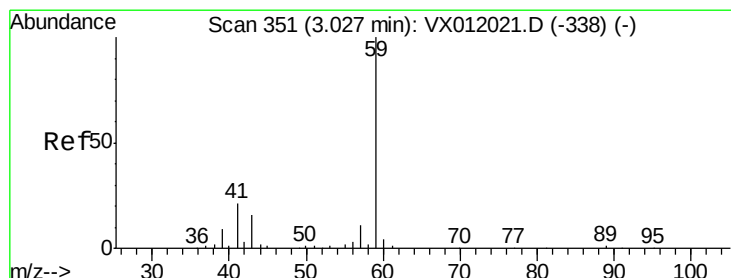
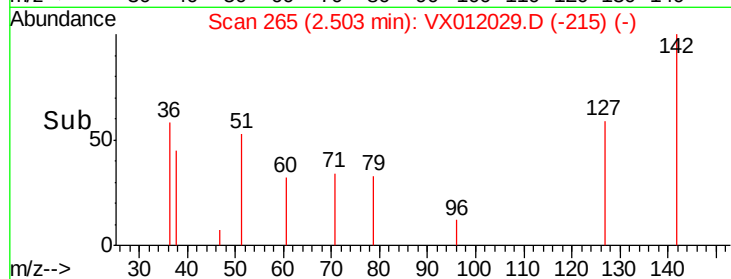
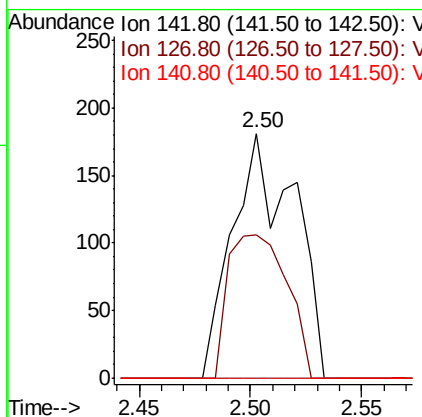
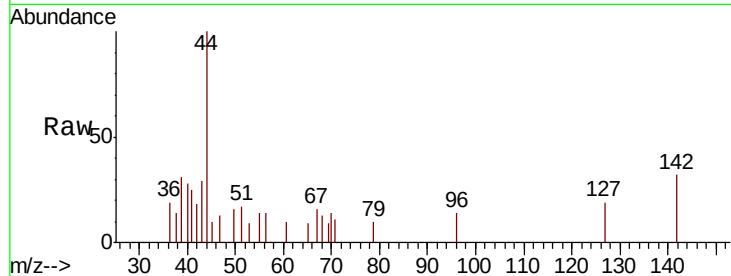




#10
Methyl Iodide
Concen: 7.152 ug/l
RT: 2.50 min Scan# 265
Delta R.T. 0.01 min
Lab File: VX012029.D
Acq: 03 Sep 2019 18:30

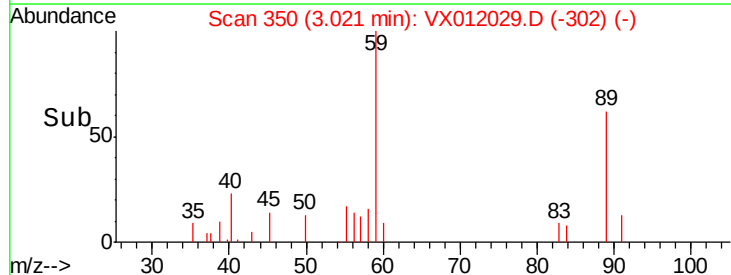
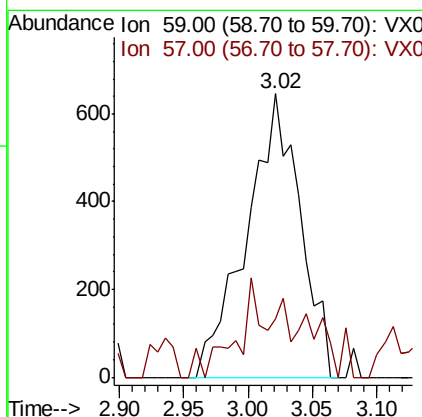
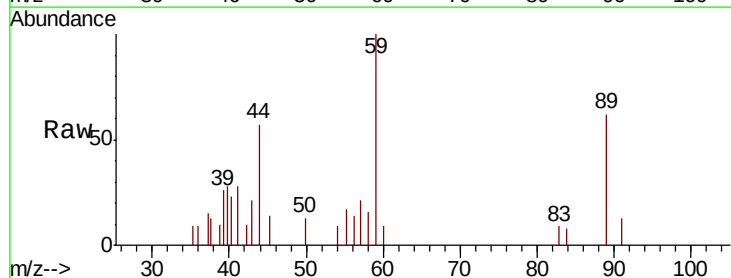
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-B3-(1.9)

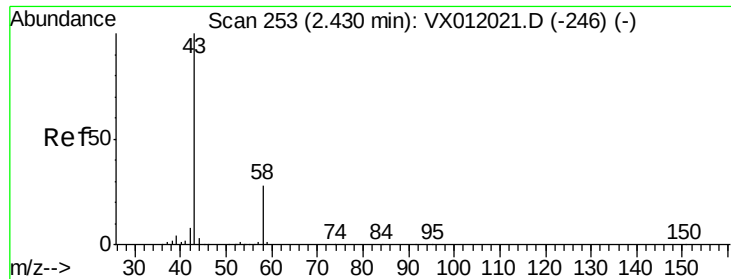
Tgt Ion: 142 Resp: 348
Ion Ratio Lower Upper
142 100
127 56.0 35.4 53.2#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 7.980 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX012029.D
Acq: 03 Sep 2019 18:30

Tgt Ion: 59 Resp: 1863
Ion Ratio Lower Upper
59 100
57 9.8 7.9 11.9





#16

Acetone

Concen: 36.749 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012029.D

Acq: 03 Sep 2019 18:30

Instrument :

MSVOA_X

ClientSampleId :

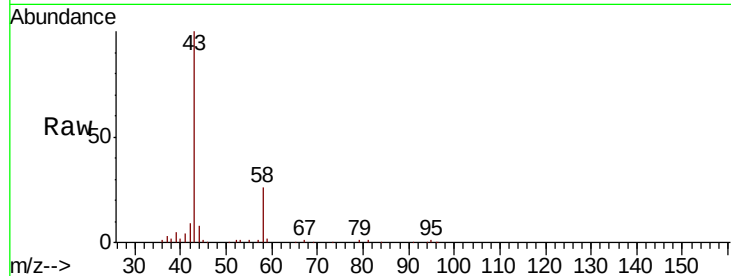
T9-12-13-B3-(1.9)

Tgt Ion: 43 Resp: 21350

Ion Ratio Lower Upper

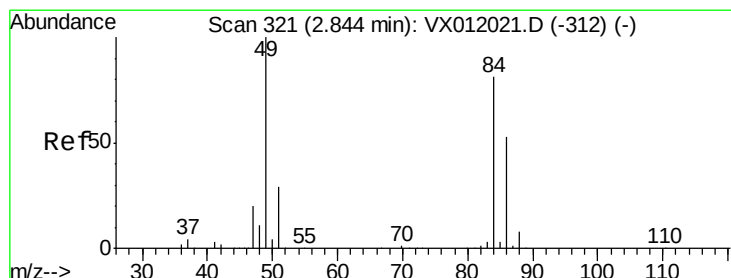
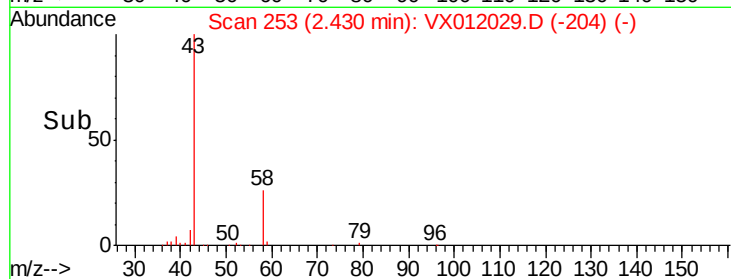
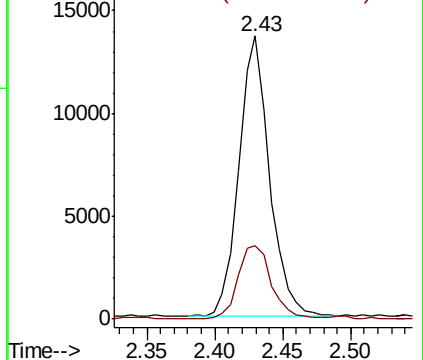
43 100

58 26.2 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: 10.591 ug/l

RT: 2.84 min Scan# 321

Delta R.T. -0.00 min

Lab File: VX012029.D

Acq: 03 Sep 2019 18:30

Tgt Ion: 84 Resp: 24708

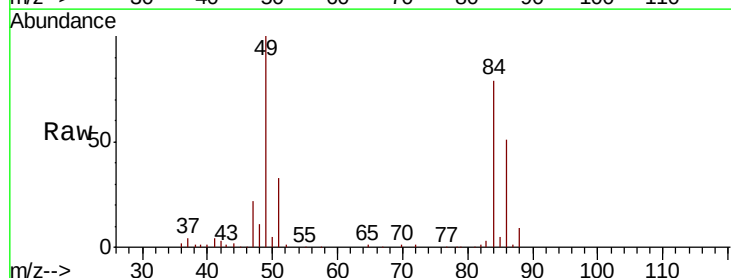
Ion Ratio Lower Upper

84 100

49 126.2 95.8 143.8

51 41.8 28.6 43.0

86 64.8 50.9 76.3

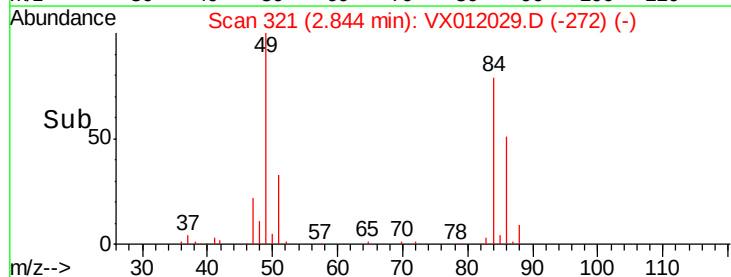
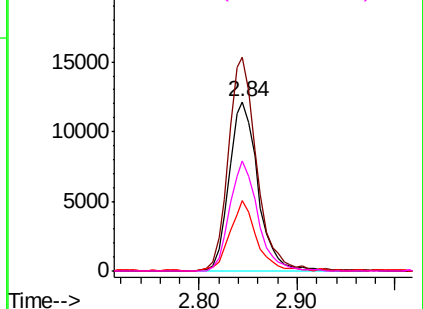


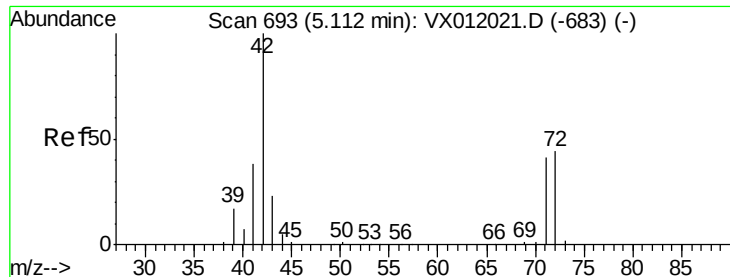
Abundance Ion 83.90 (83.60 to 84.60): VX0

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

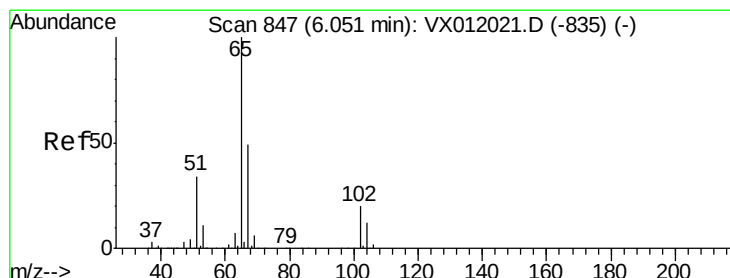
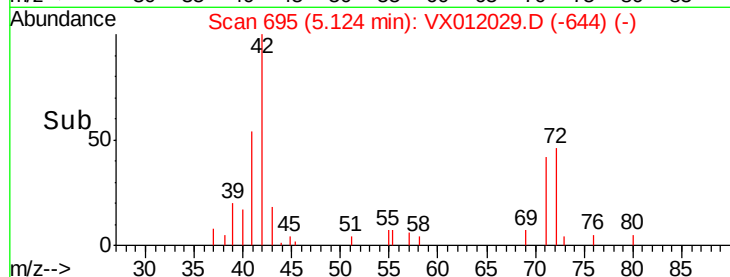
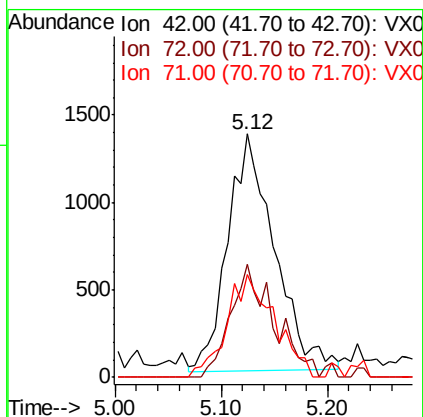
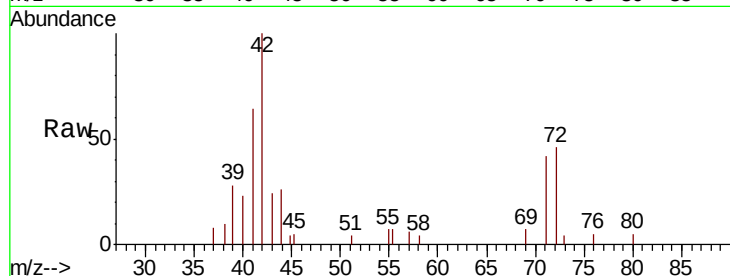




#29
Tetrahydrofuran
Concen: 9.386 ug/l
RT: 5.12 min Scan# 695
Delta R.T. 0.01 min
Lab File: VX012029.D
Acq: 03 Sep 2019 18:30

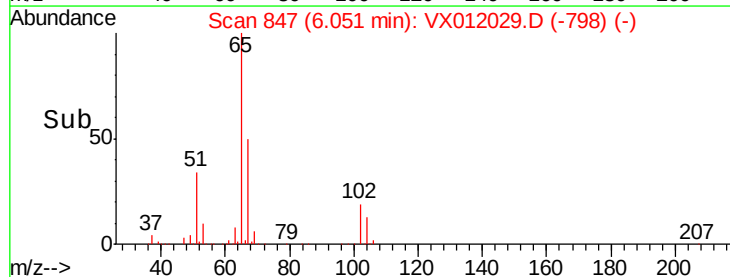
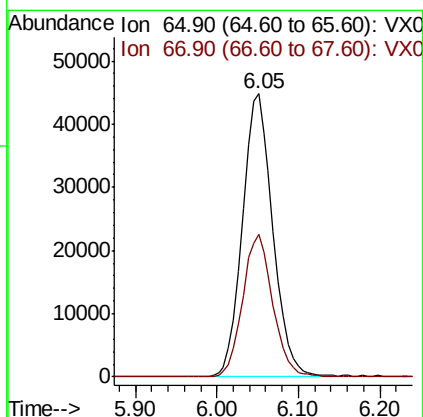
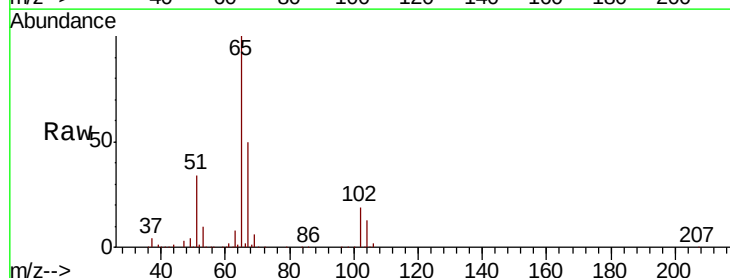
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-B3-(1.9)

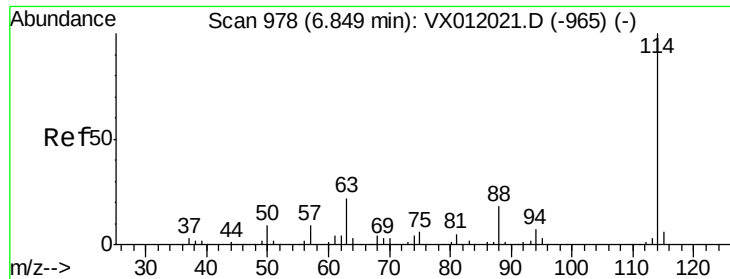
Tgt Ion: 42 Resp: 4182
Ion Ratio Lower Upper
42 100
72 36.6 37.0 55.4#
71 43.9 33.8 50.8



#33
1,2-Dichloroethane-d4
Concen: 47.672 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012029.D
Acq: 03 Sep 2019 18:30

Tgt Ion: 65 Resp: 115872
Ion Ratio Lower Upper
65 100
67 49.9 0.0 102.0

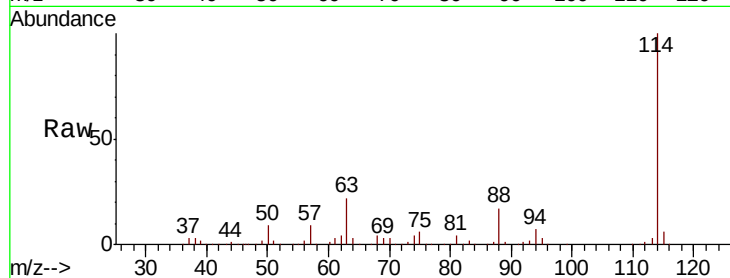




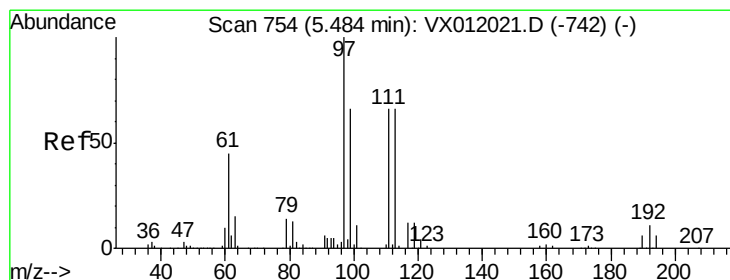
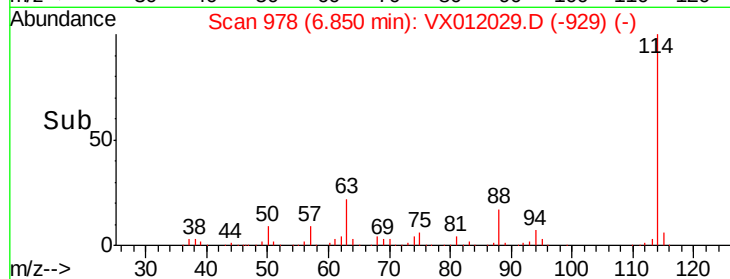
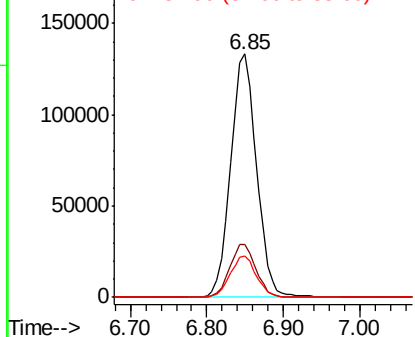
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012029.D
 Acq: 03 Sep 2019 18:30

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-B3-(1.9)

Tgt Ion:114 Resp: 312246
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 37.4
 88 16.8 0.0 29.6

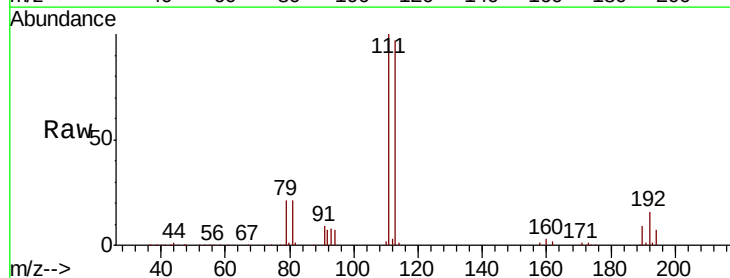


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

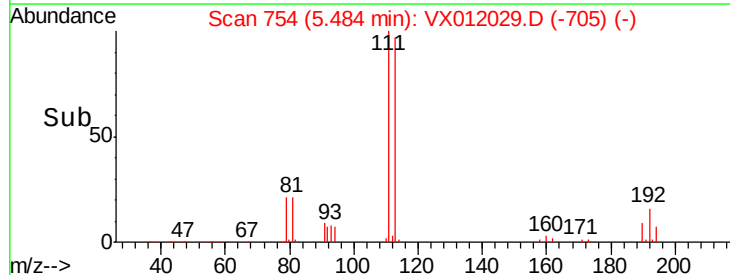
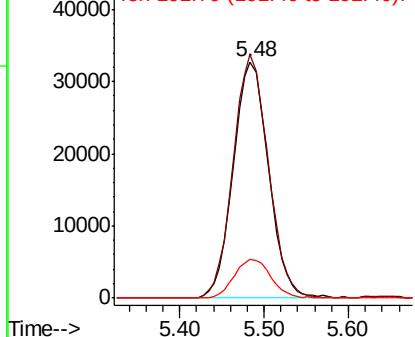


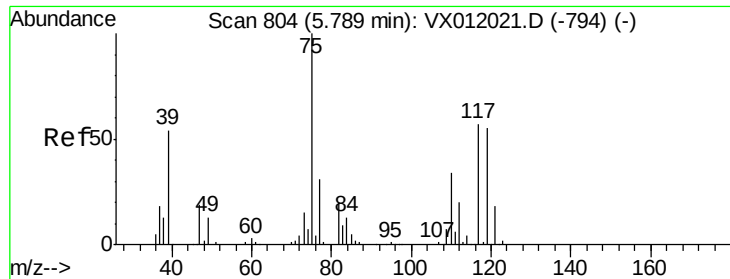
#35
 Dibromofluoromethane
 Concen: 48.454 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012029.D
 Acq: 03 Sep 2019 18:30

Tgt Ion:113 Resp: 93043
 Ion Ratio Lower Upper
 113 100
 111 102.4 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

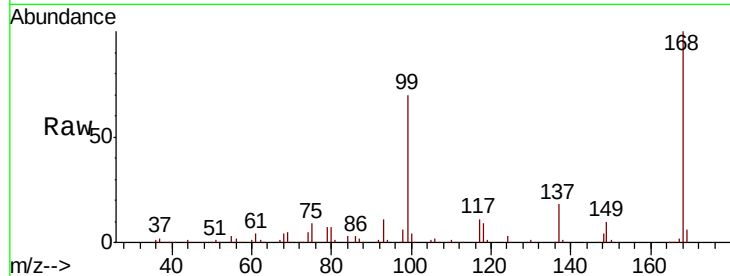




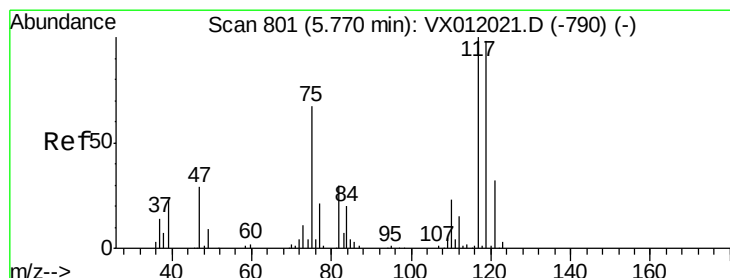
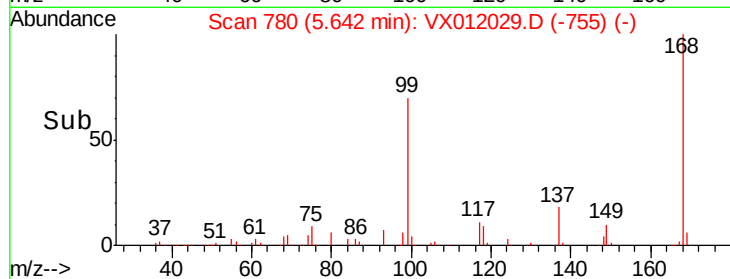
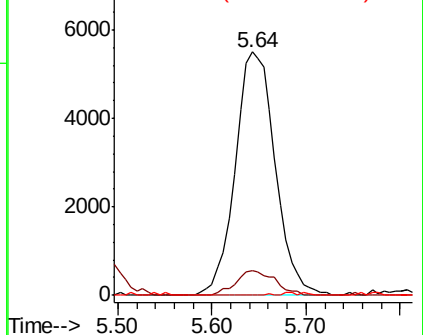
#36
 1,1-Dichloropropene
 Concen: 5.922 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.15 min
 Lab File: VX012029.D
 Acq: 03 Sep 2019 18:30

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-B3-(1.9)

Tgt Ion	Ratio	Lower	Upper
75	100		
110	9.9	19.5	58.5#
77	0.1	24.6	37.0#

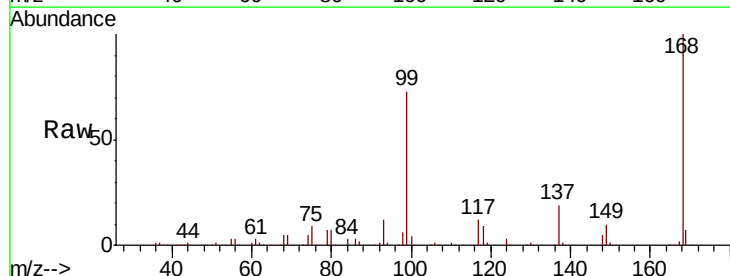


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

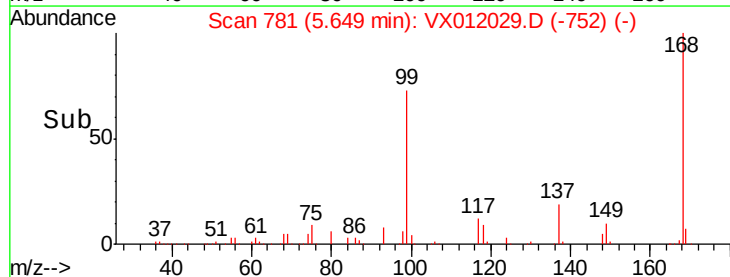
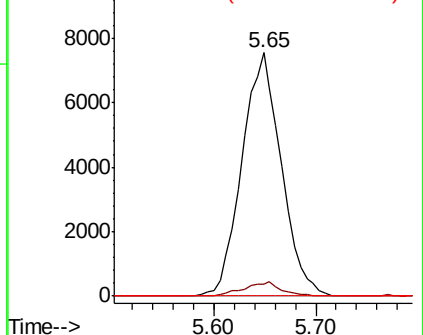


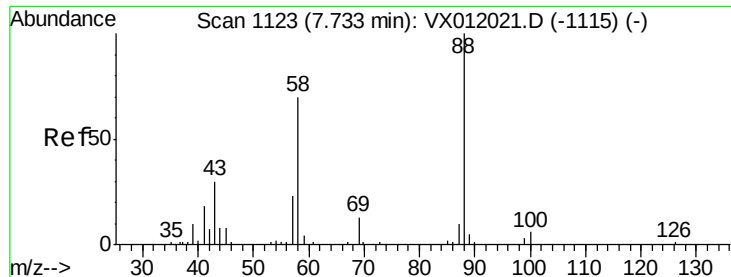
#38
 Carbon Tetrachloride
 Concen: 6.979 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.12 min
 Lab File: VX012029.D
 Acq: 03 Sep 2019 18:30

Tgt Ion	Ratio	Lower	Upper
117	100		
119	5.0	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

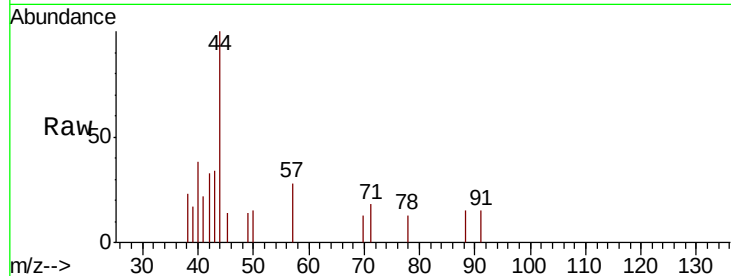




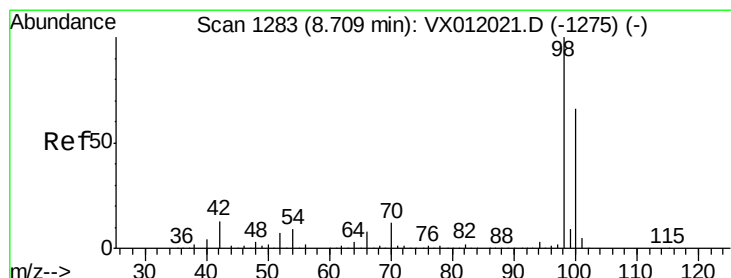
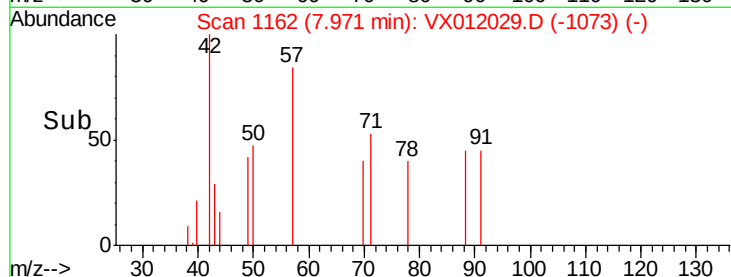
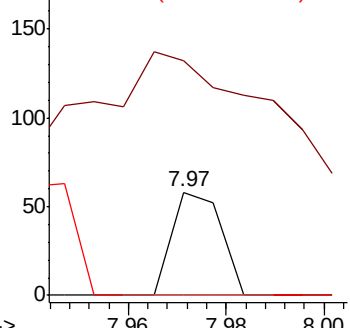
#49
1,4-Dioxane
Concen: 1.919 ug/l
RT: 7.97 min Scan# 1162
Delta R.T. 0.24 min
Lab File: VX012029.D
Acq: 03 Sep 2019 18:30

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-B3-(1.9)

Tgt Ion: 88 Resp: 40
Ion Ratio Lower Upper
88 100
43 0.0 29.8 44.6#
58 0.0 55.4 83.2#

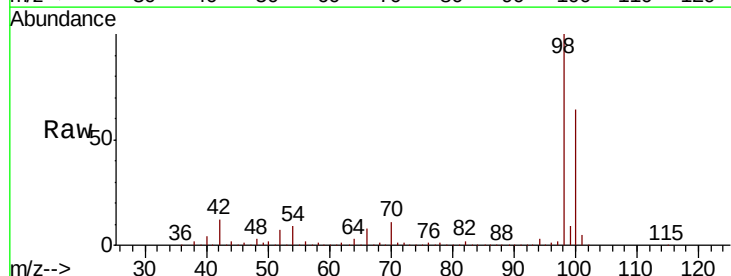


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

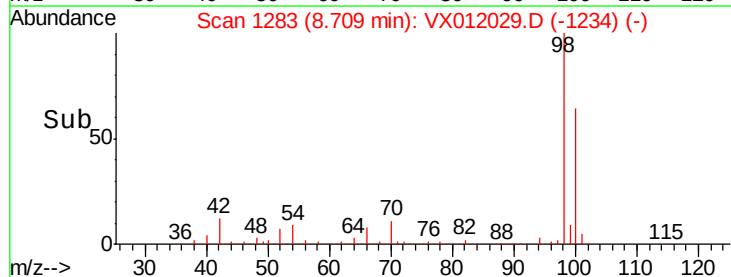
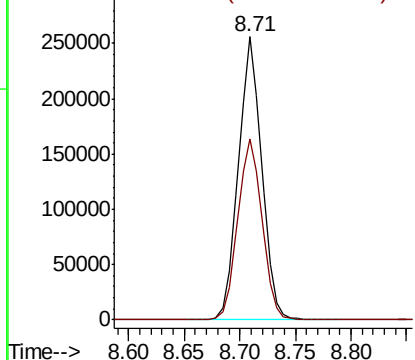


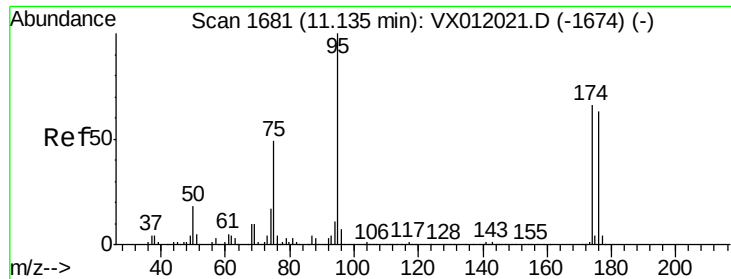
#50
Toluene-d8
Concen: 52.895 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012029.D
Acq: 03 Sep 2019 18:30

Tgt Ion: 98 Resp: 372713
Ion Ratio Lower Upper
98 100
100 66.5 53.3 79.9



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

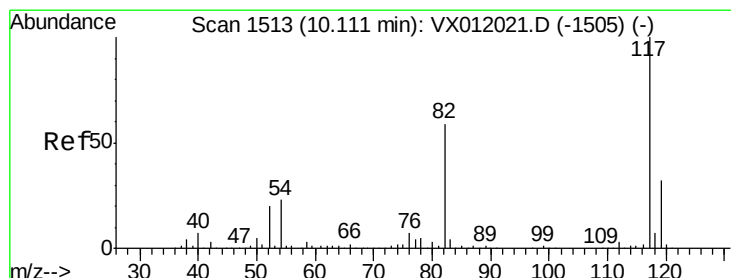
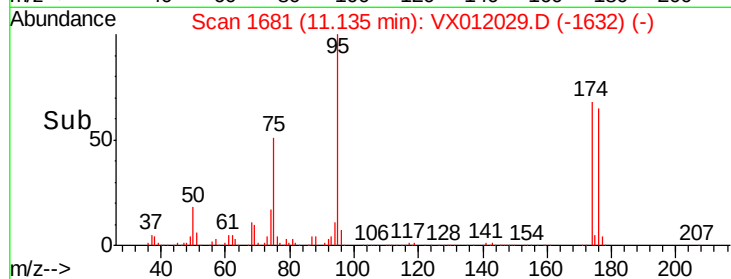
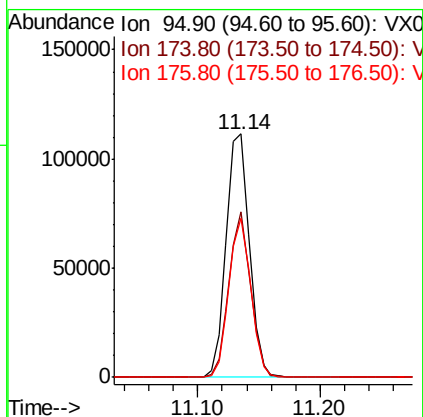
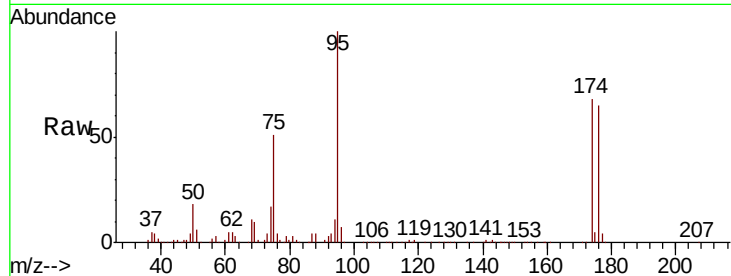




#62
4-Bromofluorobenzene
Concen: 44.780 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012029.D
Acq: 03 Sep 2019 18:30

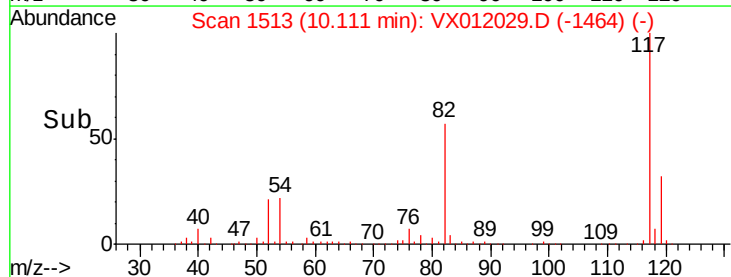
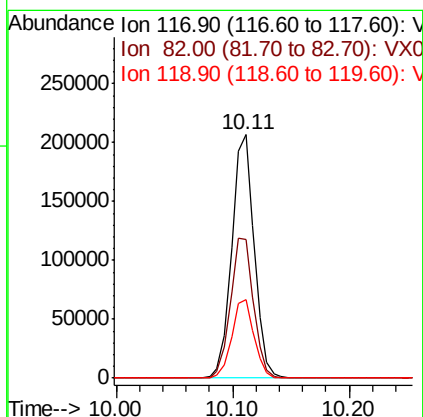
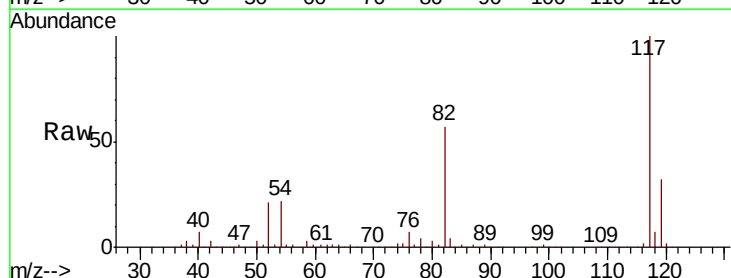
Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-B3-(1.9)

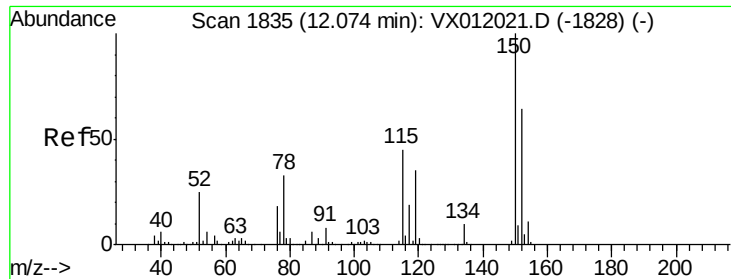
Tgt Ion: 95 Resp: 146743
Ion Ratio Lower Upper
95 100
174 63.3 0.0 205.4
176 61.6 0.0 201.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012029.D
Acq: 03 Sep 2019 18:30

Tgt Ion: 117 Resp: 277454
Ion Ratio Lower Upper
117 100
82 56.8 39.4 59.0
119 32.2 26.1 39.1



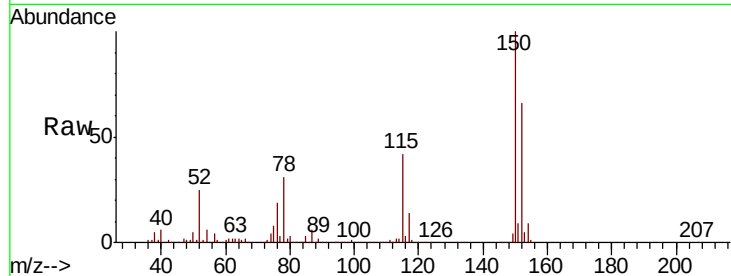


#72

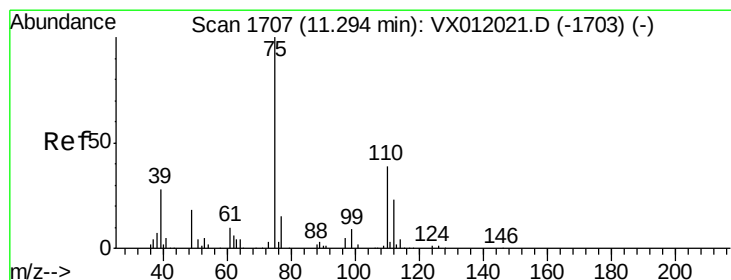
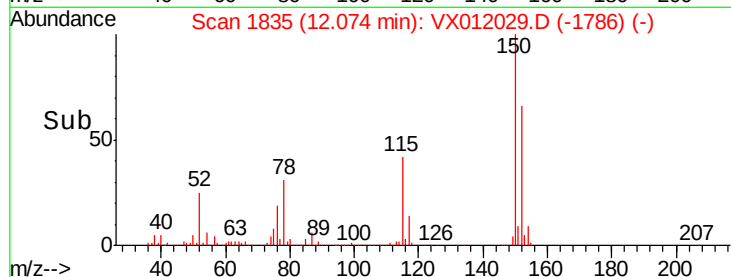
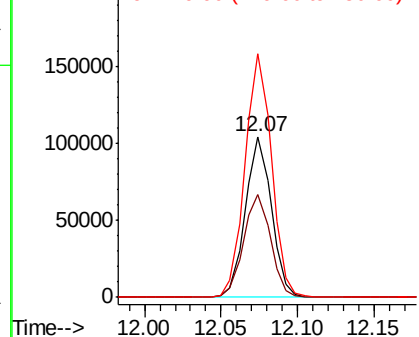
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012029.D
Acq: 03 Sep 2019 18:30

Instrument :
MSVOA_X
ClientSampleId :
T9-12-13-B3-(1.9)

Tgt Ion:152 Resp: 122834
Ion Ratio Lower Upper
152 100
115 66.4 36.4 109.3
150 154.7 0.0 341.2



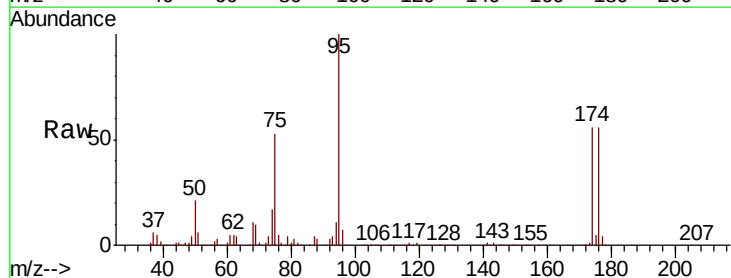
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



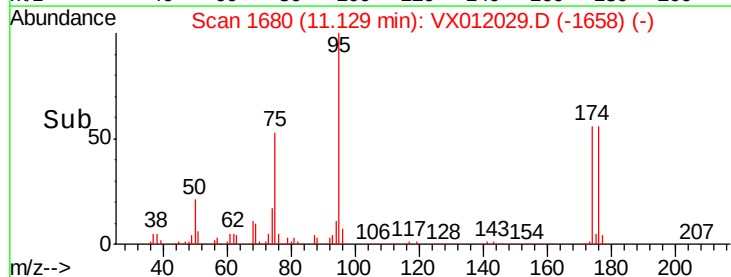
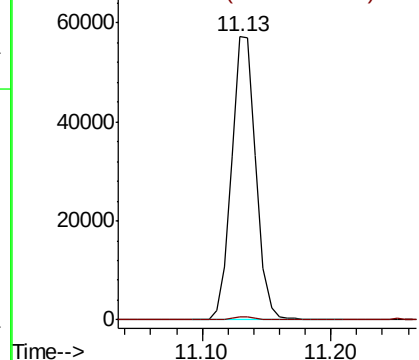
#76

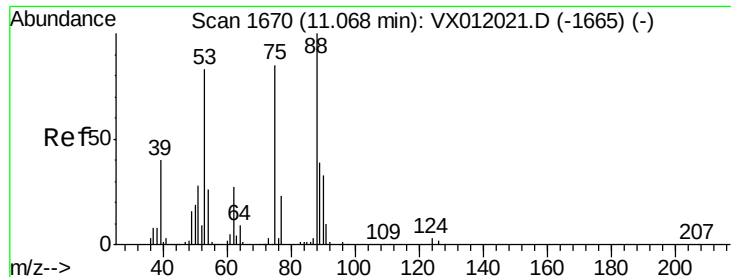
1,2,3-Trichloropropane
Concen: 50.733 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX012029.D
Acq: 03 Sep 2019 18:30

Tgt Ion: 75 Resp: 76142
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: 119.940 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX012029.D
 Acq: 03 Sep 2019 18:30

Instrument :
 MSVOA_X
 ClientSampleId :
 T9-12-13-B3-(1.9)

Tgt Ion: 75 Resp: 76142
 Ion Ratio Lower Upper
 75 100
 53 0.1 78.6 117.8#
 89 0.0 38.8 58.2#

