

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX091019\
 Data File : VX012261.D
 Acq On : 10 Sep 2019 17:51
 Operator : SY/SP
 Sample : K4624-08
 Misc : 7.78g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T-11-A2-(0)

Quant Time: Sep 11 01:36:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	170436	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	294352	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	101098	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	116255	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery =	96.50%		
35) Dibromofluoromethane	5.48	113	89324	47.34	ug/l	0.00
Spiked Amount 50.000			Recovery =	94.68%		
50) Toluene-d8	8.71	98	345792	52.25	ug/l	0.00
Spiked Amount 50.000			Recovery =	104.50%		
62) 4-Bromofluorobenzene	11.14	95	129134	42.09	ug/l	0.00
Spiked Amount 50.000			Recovery =	84.18%		

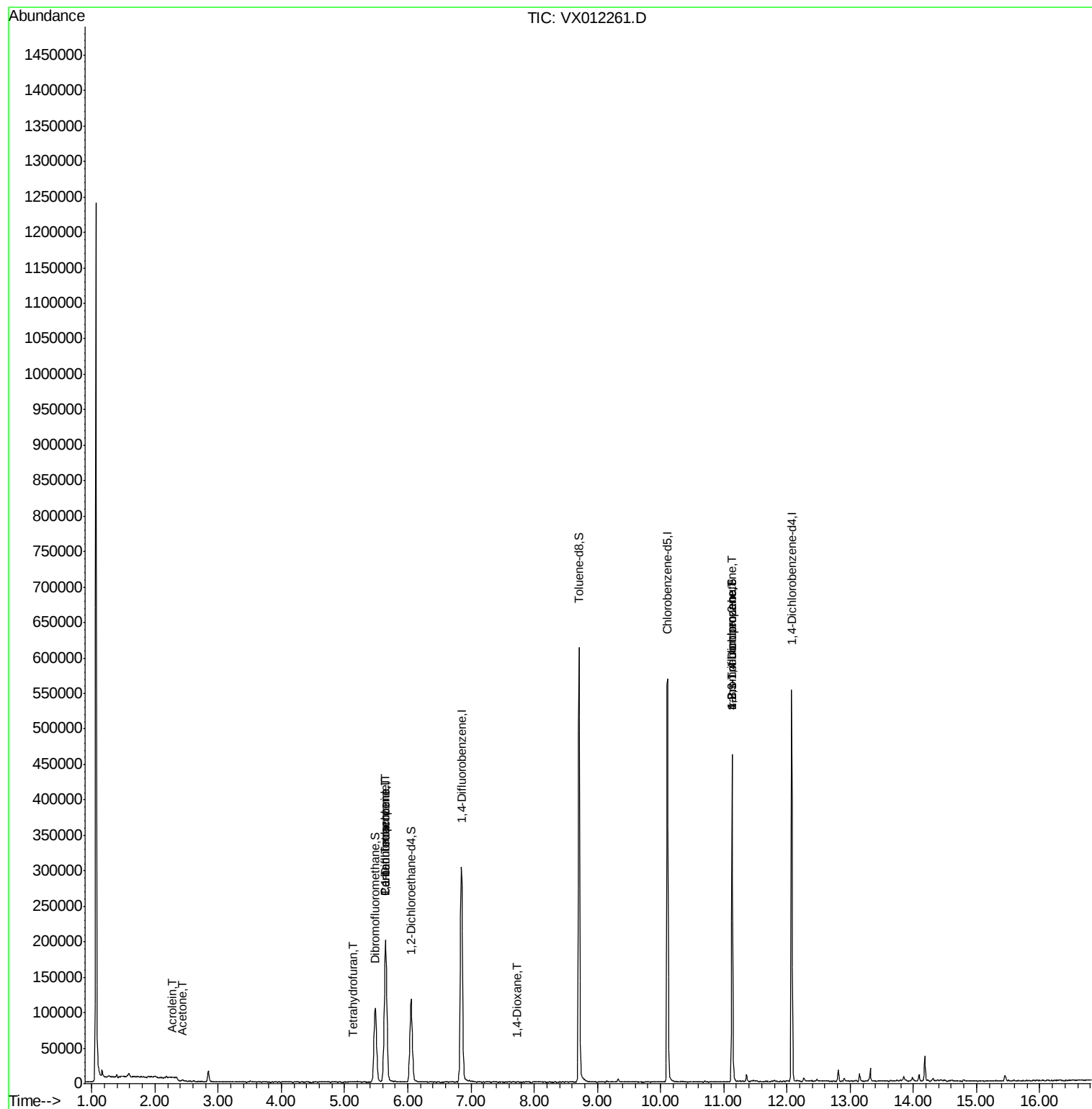
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.61	94	108	Below Cal	#	68
11) Tert butyl alcohol	3.04	59	227	Below Cal	#	1
13) Acrolein	2.26	56	308	2.445	ug/l #	12
16) Acetone	2.43	43	1447	2.537	ug/l	94
29) Tetrahydrofuran	5.14	42	796	2.023	ug/l #	65
36) 1,1-Dichloropropene	5.65	75	15611	7.273	ug/l #	47
38) Carbon Tetrachloride	5.65	117	19741	7.839	ug/l #	14
49) 1,4-Dioxane	7.73	88	24	1.328	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	69290	53.351	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.13	75	69290	159.852	ug/l #	5

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX091019\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 10 12:55:26 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012261.D

Acq: 10 Sep 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

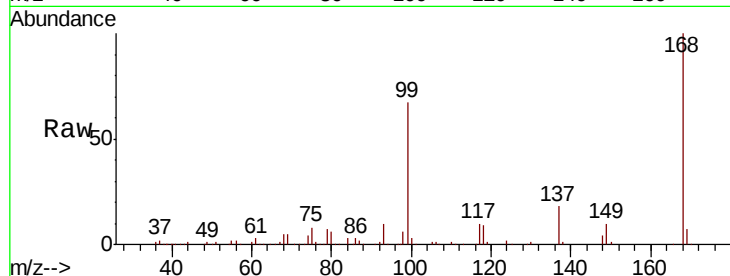
T-11-A2-(0)

Tgt Ion:168 Resp: 170436

Ion Ratio Lower Upper

168 100

99 67.5 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

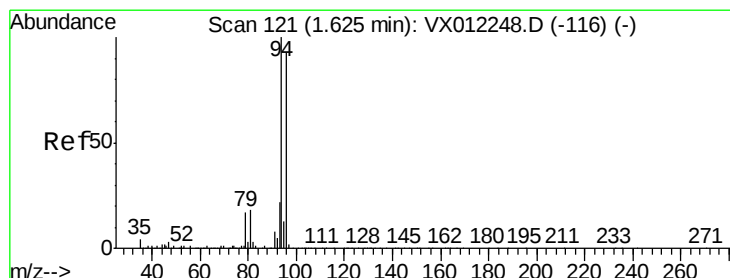
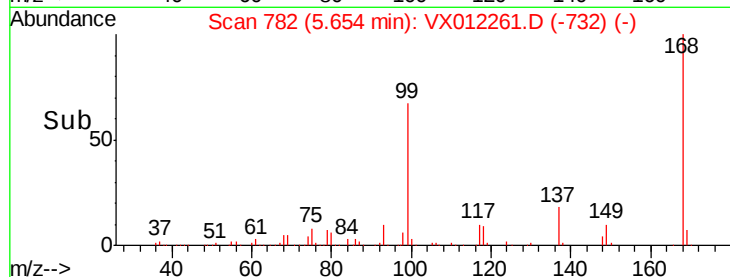
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.61 min Scan# 119

Delta R.T. -0.01 min

Lab File: VX012261.D

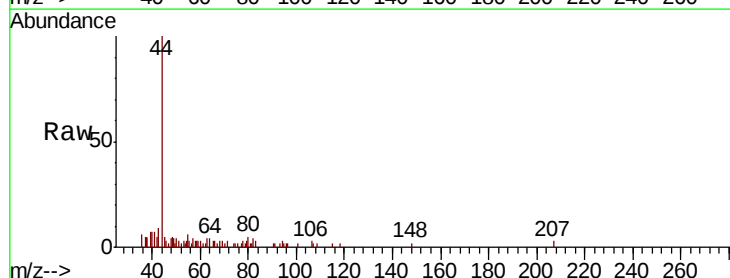
Acq: 10 Sep 2019 17:51

Tgt Ion: 94 Resp: 108

Ion Ratio Lower Upper

94 100

96 62.0 74.0 111.0#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

250

200

150

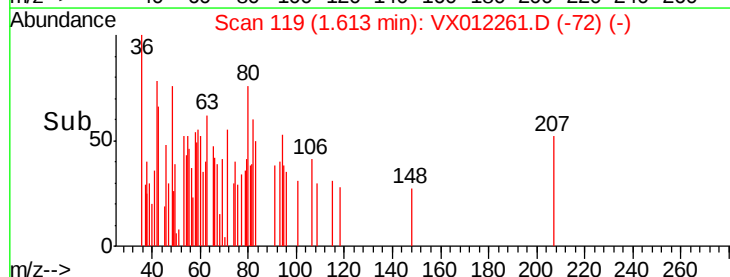
100

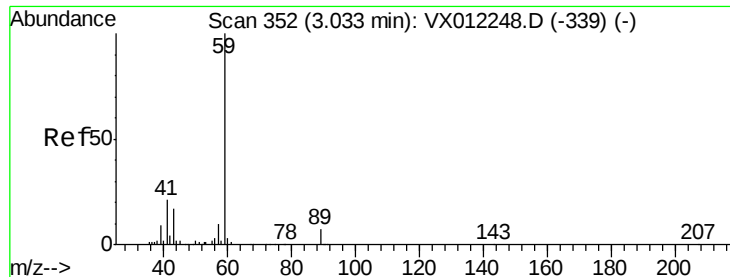
50

0

Time-->

1.58 1.60 1.62

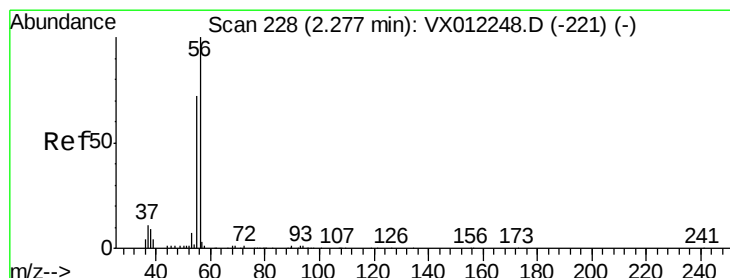
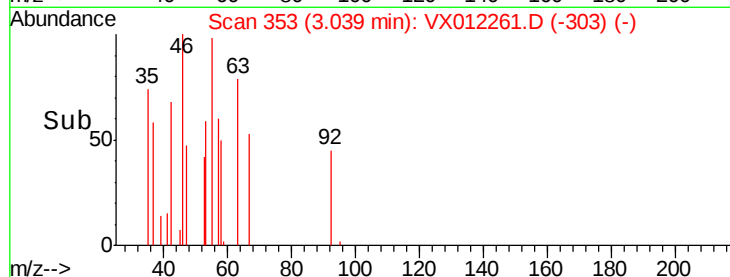
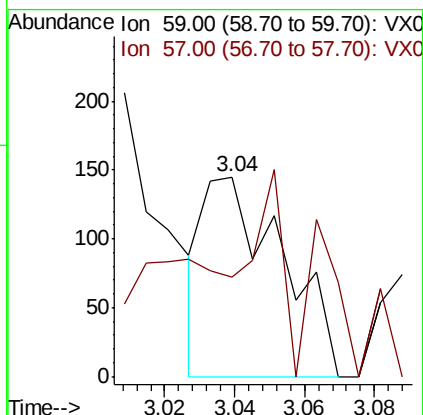
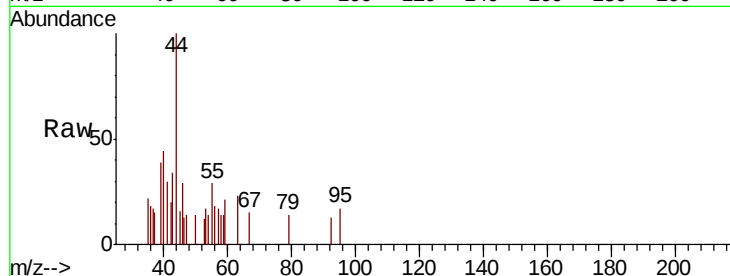




#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.04 min Scan# 353
Delta R.T. 0.01 min
Lab File: VX012261.D
Acq: 10 Sep 2019 17:51

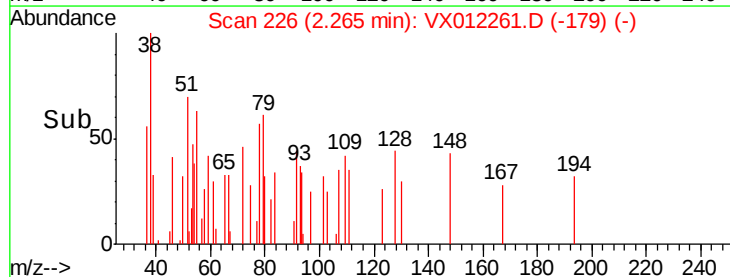
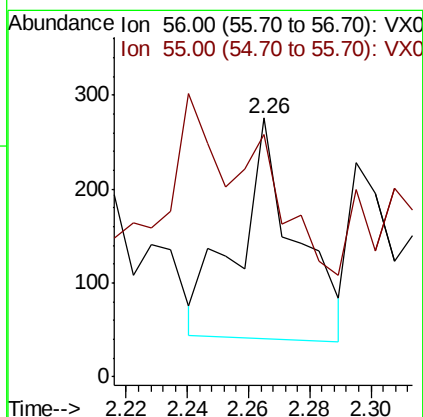
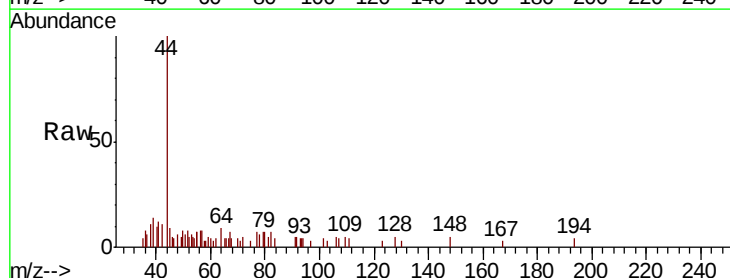
Instrument :
MSVOA_X
ClientSampled :
T-11-A2-(0)

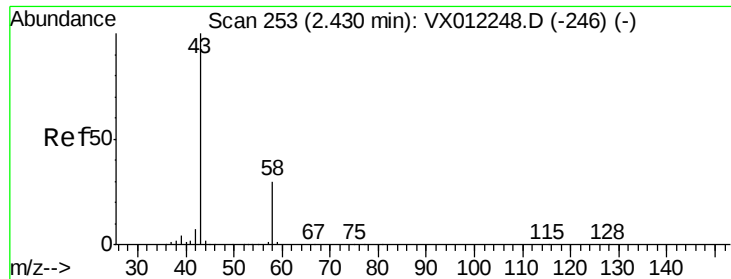
Tgt Ion: 59 Resp: 227
Ion Ratio Lower Upper
59 100
57 72.7 7.8 11.6#



#13
Acrolein
Concen: 2.445 ug/l
RT: 2.26 min Scan# 226
Delta R.T. -0.01 min
Lab File: VX012261.D
Acq: 10 Sep 2019 17:51

Tgt Ion: 56 Resp: 308
Ion Ratio Lower Upper
56 100
55 0.0 59.8 89.6#





#16

Acetone

Concen: 2.537 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012261.D

Acq: 10 Sep 2019 17:51

Instrument :

MSVOA_X

ClientSampled :

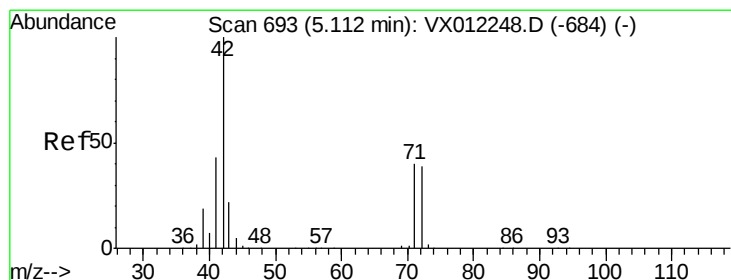
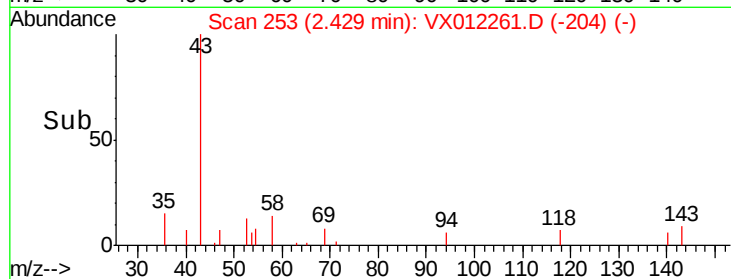
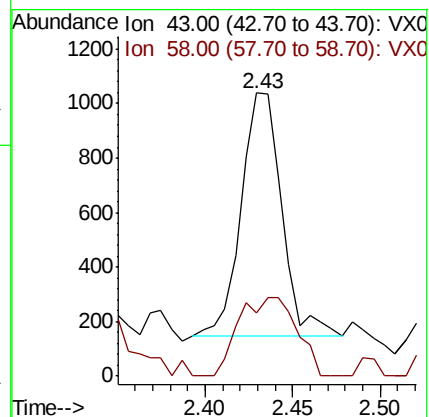
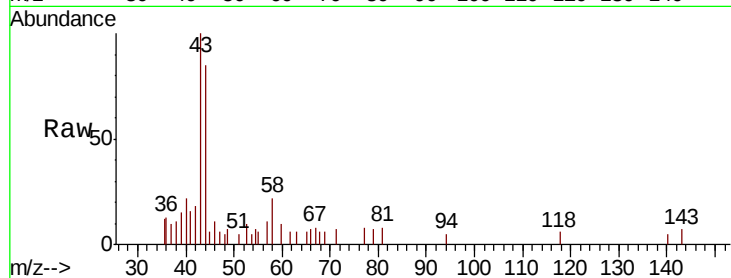
T-11-A2-(0)

Tgt Ion: 43 Resp: 1447

Ion Ratio Lower Upper

43 100

58 26.1 23.6 35.4



#29

Tetrahydrofuran

Concen: 2.023 ug/l

RT: 5.14 min Scan# 698

Delta R.T. 0.03 min

Lab File: VX012261.D

Acq: 10 Sep 2019 17:51

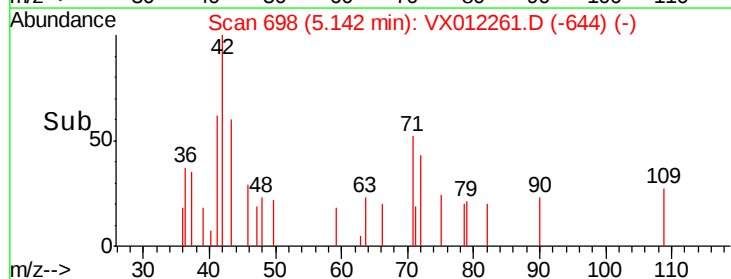
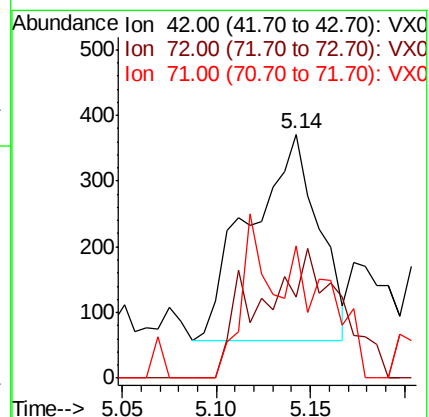
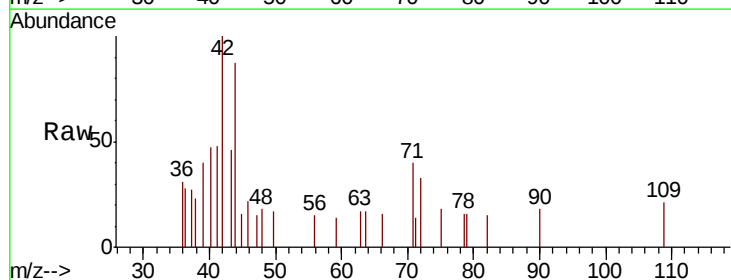
Tgt Ion: 42 Resp: 796

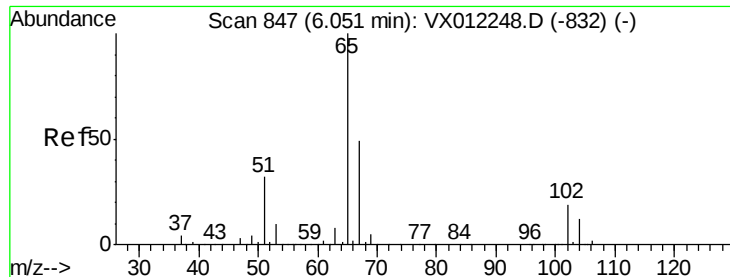
Ion Ratio Lower Upper

42 100

72 48.4 35.2 52.8

71 0.0 32.5 48.7#





#33

1,2-Dichloroethane-d4

Concen: 48.246 ug/l

RT: 6.05 min Scan# 847

Delta R.T. -0.00 min

Lab File: VX012261.D

Acq: 10 Sep 2019 17:51

Instrument :

MSVOA_X

ClientSampled :

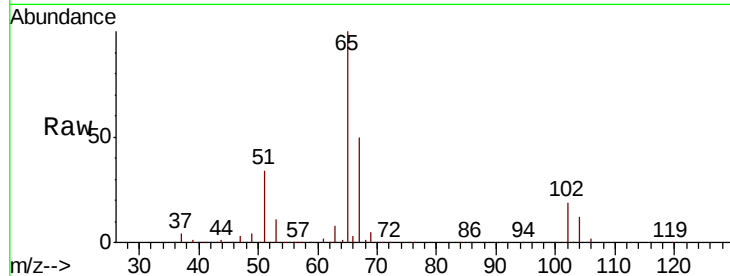
T-11-A2-(0)

Tgt Ion: 65 Resp: 116255

Ion Ratio Lower Upper

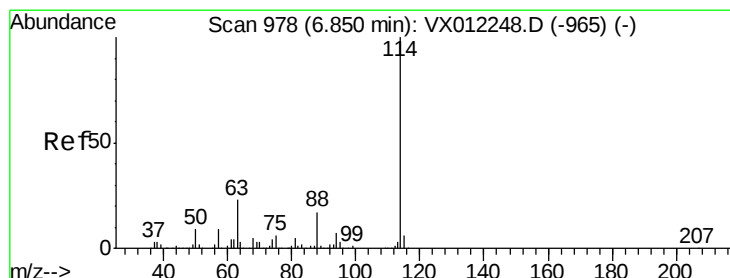
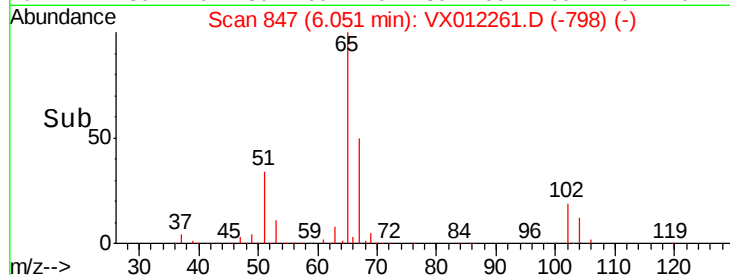
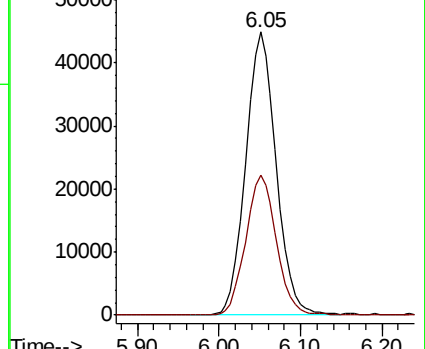
65 100

67 50.1 0.0 99.8



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: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012261.D

Acq: 10 Sep 2019 17:51

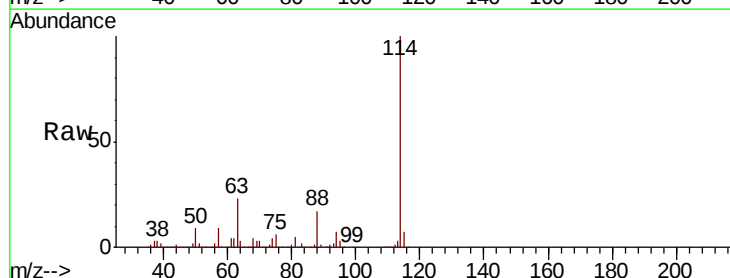
Tgt Ion: 114 Resp: 294352

Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.2

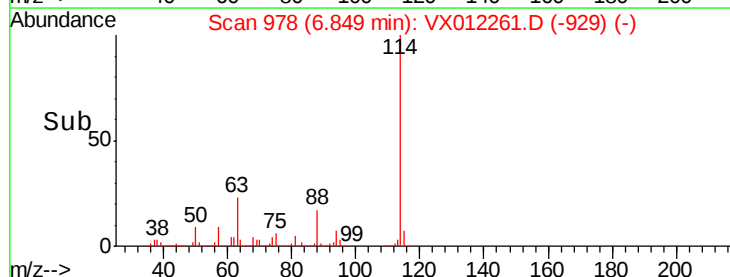
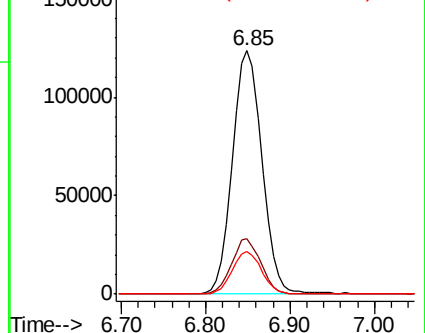
88 17.3 0.0 34.8

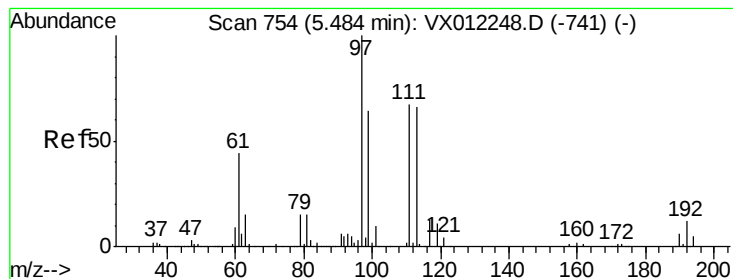


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.338 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012261.D

Acq: 10 Sep 2019 17:51

Instrument :

MSVOA_X

ClientSampleId :

T-11-A2-(0)

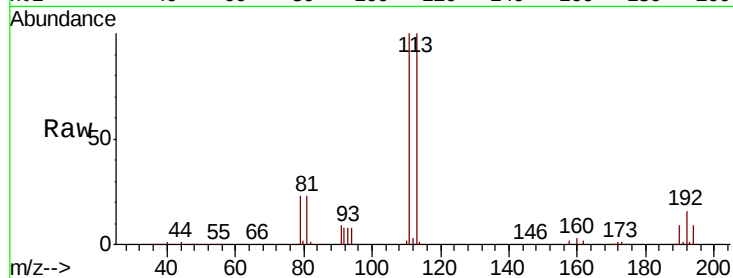
Tgt Ion:113 Resp: 89324

Ion Ratio Lower Upper

113 100

111 101.4 83.0 124.6

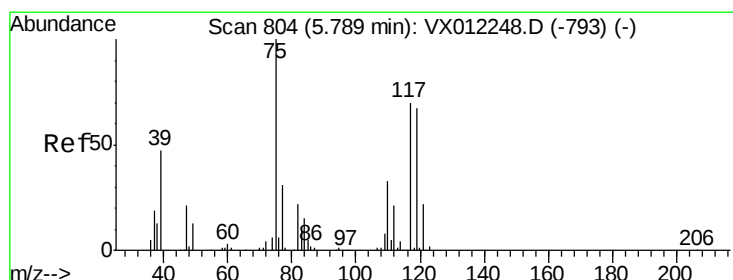
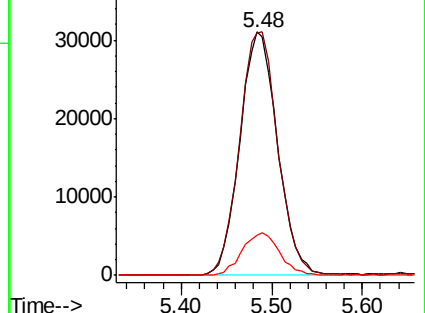
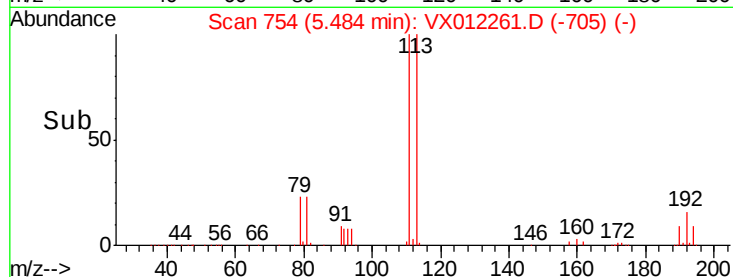
192 17.5 14.3 21.5



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: 7.273 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX012261.D

Acq: 10 Sep 2019 17:51

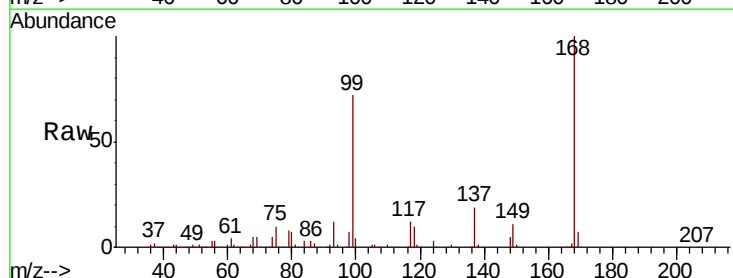
Tgt Ion: 75 Resp: 15611

Ion Ratio Lower Upper

75 100

110 5.2 16.8 50.4#

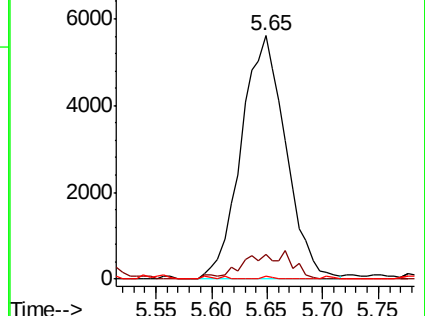
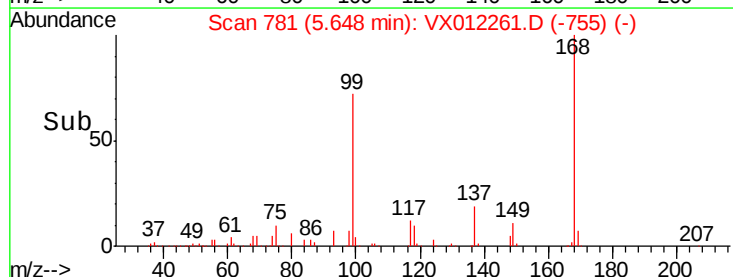
77 0.3 24.5 36.7#

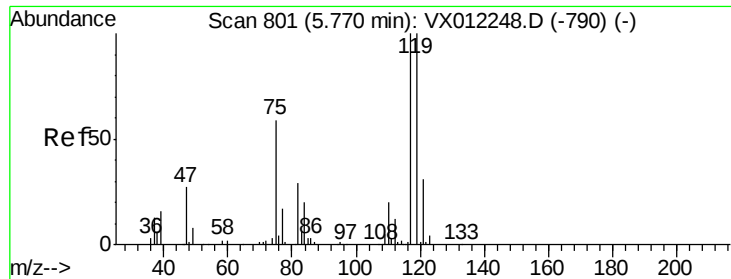


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 7.839 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.12 min

Lab File: VX012261.D

Acq: 10 Sep 2019 17:51

Instrument :

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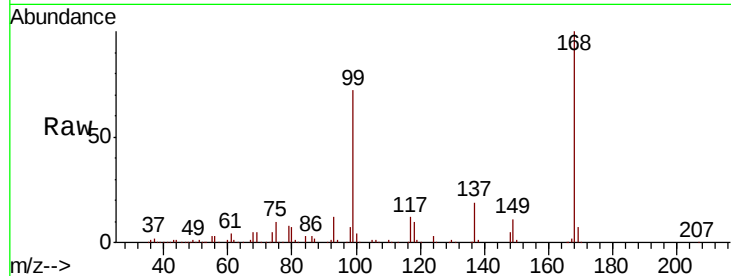
Tgt Ion:117 Resp: 19741

Ion Ratio Lower Upper

117 100

119 4.3 79.6 119.4#

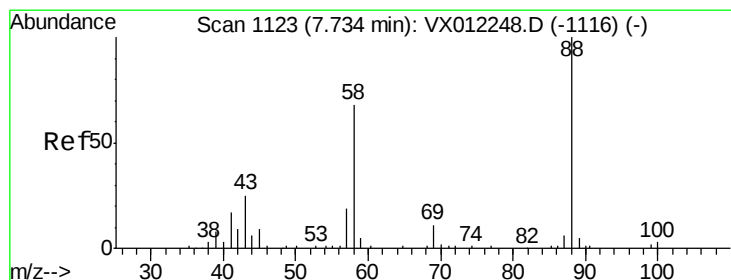
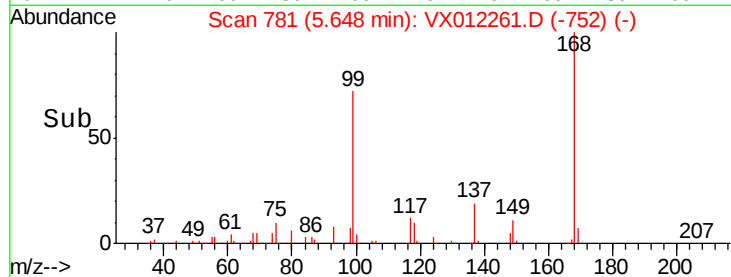
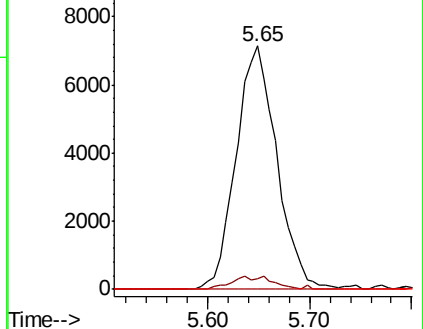
121 0.0 24.7 37.1#



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: 1.328 ug/l

RT: 7.73 min Scan# 1122

Delta R.T. -0.01 min

Lab File: VX012261.D

Acq: 10 Sep 2019 17:51

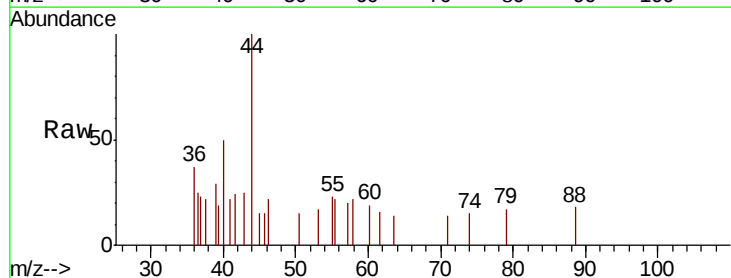
Tgt Ion: 88 Resp: 24

Ion Ratio Lower Upper

88 100

43 550.0 31.0 46.4#

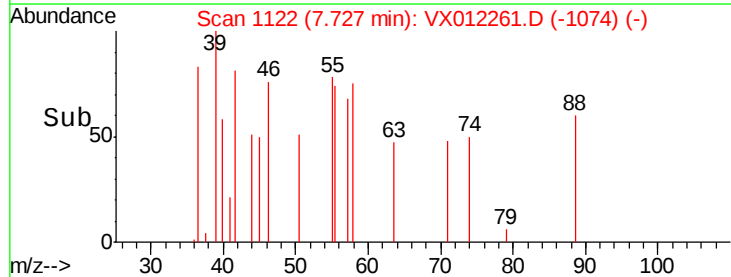
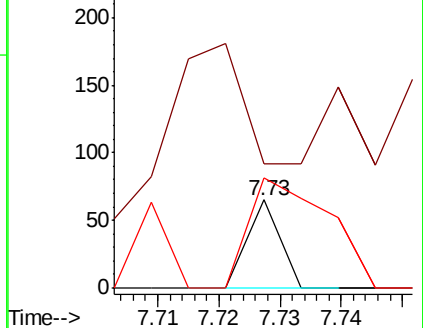
58 304.2 61.5 92.3#

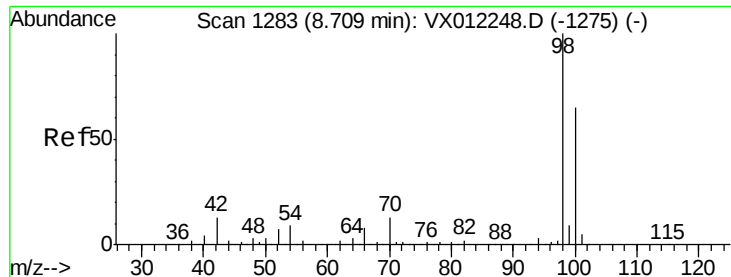


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

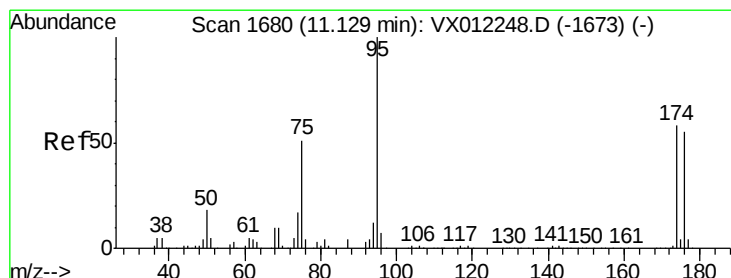
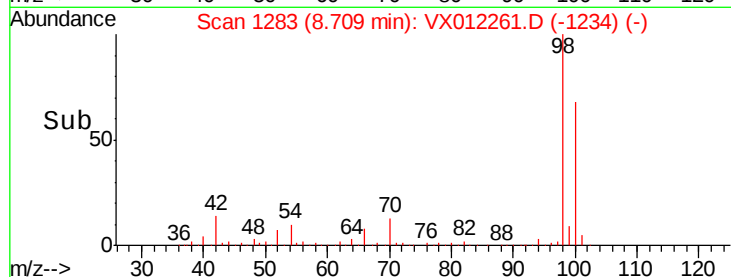
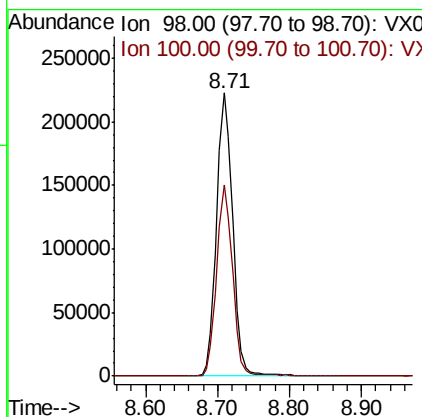
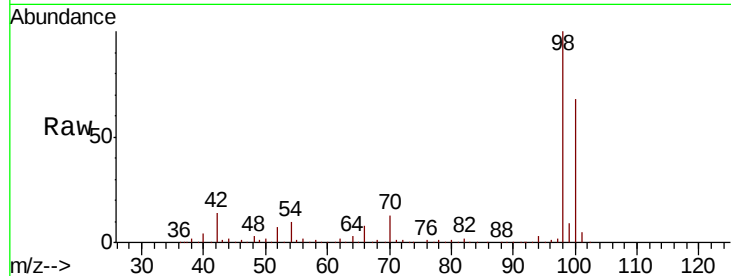




#50
Toluene-d8
Concen: 52.249 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012261.D
Acq: 10 Sep 2019 17:51

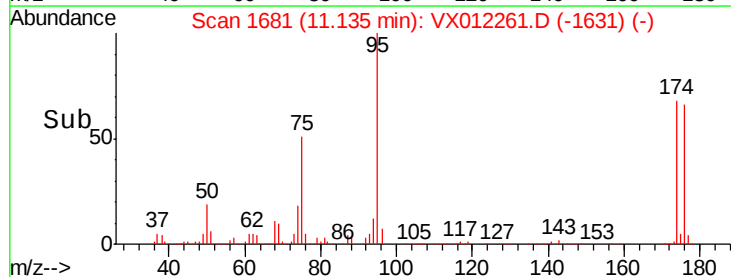
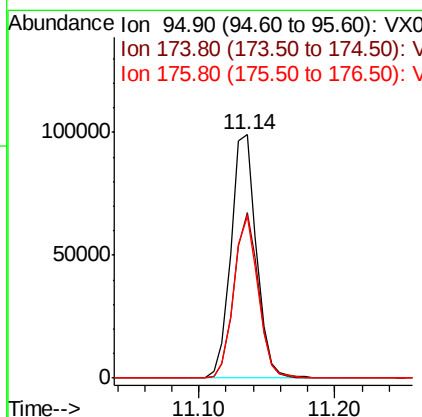
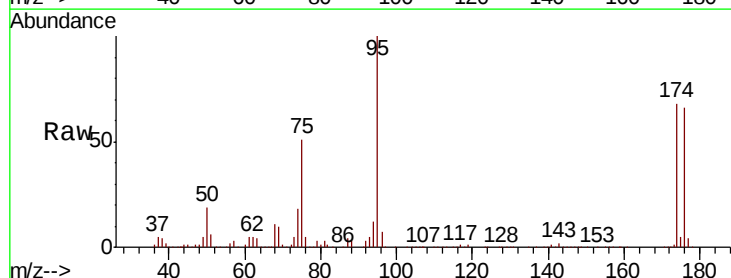
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T-11-A2-(0)

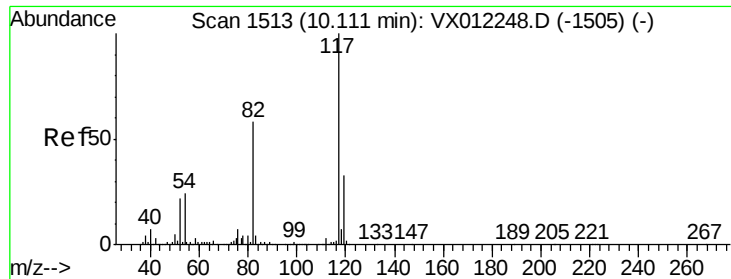
Tgt Ion: 98 Resp: 345792
Ion Ratio Lower Upper
98 100
100 66.8 54.1 81.1



#62
4-Bromofluorobenzene
Concen: 42.088 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX012261.D
Acq: 10 Sep 2019 17:51

Tgt Ion: 95 Resp: 129134
Ion Ratio Lower Upper
95 100
174 65.3 0.0 127.0
176 63.7 0.0 125.8

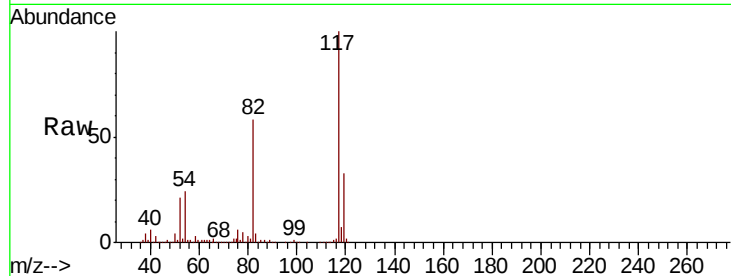




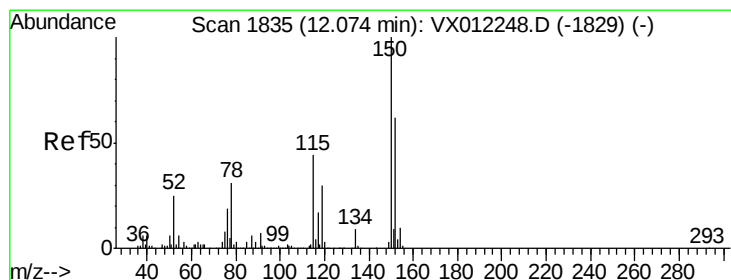
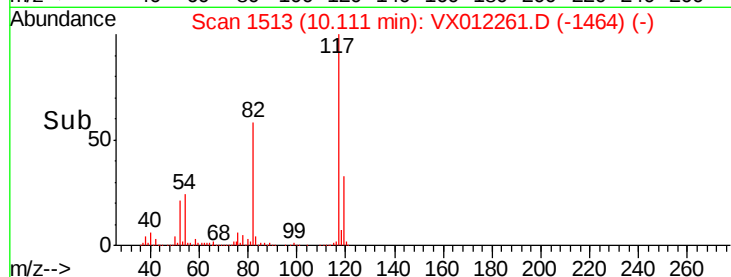
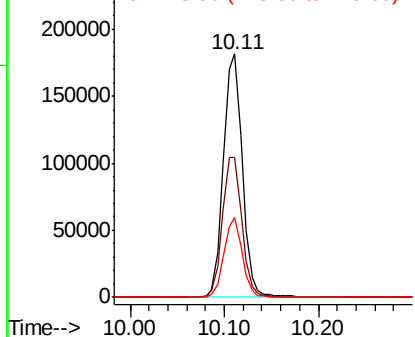
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012261.D
Acq: 10 Sep 2019 17:51

Instrument :
MSVOA_X
ClientSampleId :
T-11-A2-(0)

Tgt Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.4	69.6
119	32.9	26.6	39.8

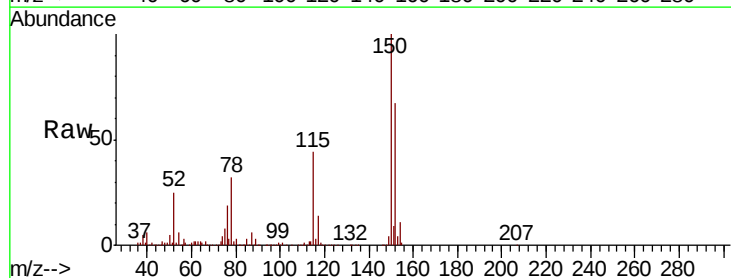


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

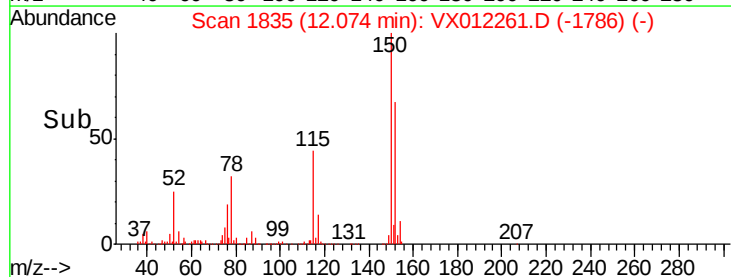
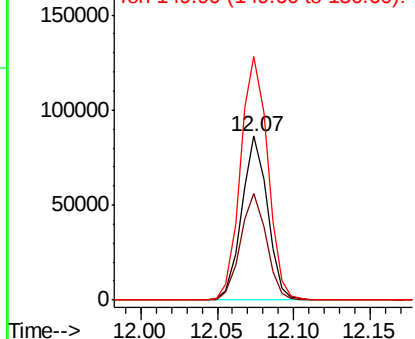


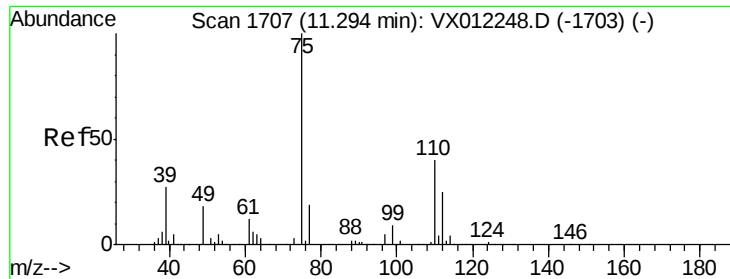
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012261.D
Acq: 10 Sep 2019 17:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.6	45.5	136.4
150	156.7	0.0	346.4



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

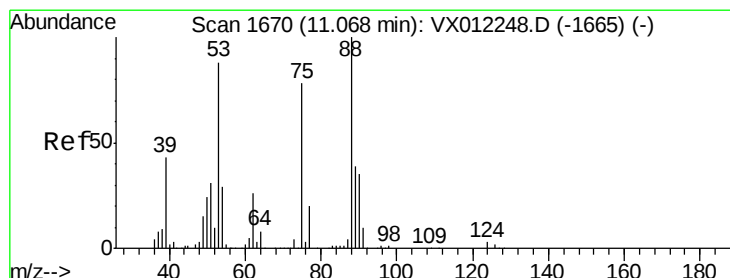
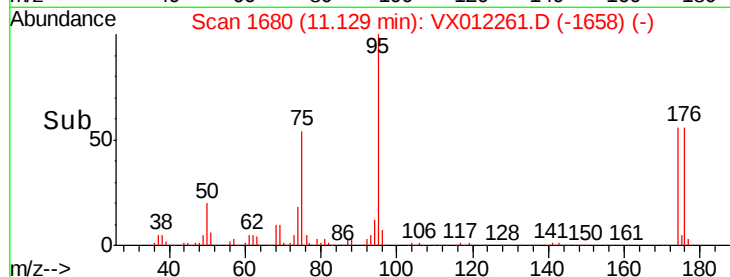
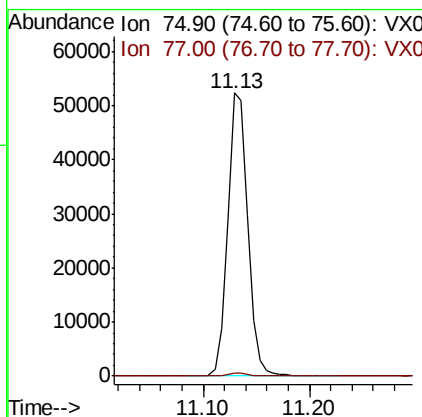
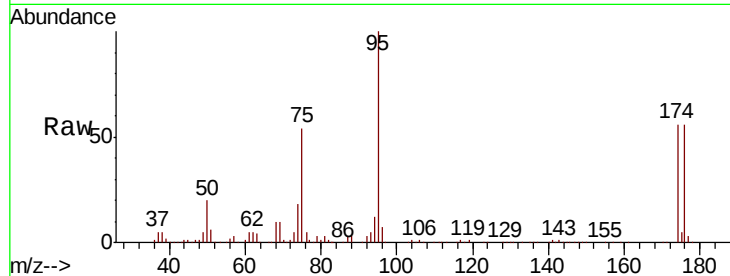




#76
 1,2,3-Trichloropropane
 Concen: 53.351 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. -0.16 min
 Lab File: VX012261.D
 Acq: 10 Sep 2019 17:51

Instrument :
 MSVOA_X
 ClientSampleId :
 T-11-A2-(0)

Tgt Ion: 75 Resp: 69290
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.7 59.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 159.852 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX012261.D
 Acq: 10 Sep 2019 17:51

Tgt Ion: 75 Resp: 69290
 Ion Ratio Lower Upper
 75 100
 53 0.1 88.1 132.1#
 89 0.1 43.5 65.3#

