

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083019\
 Data File : VX011926.D
 Acq On : 31 Aug 2019 00:55
 Operator : SY/SP
 Sample : K4472-17
 Misc : 5.24g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T6-S2-(0)

Quant Time: Aug 31 02:39:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	432686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	570638	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	490722	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	238646	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	178804	43.13	ug/l	0.00
Spiked Amount			Recovery	=	86.26%	
35) Dibromofluoromethane	5.48	113	164819	45.04	ug/l	0.00
Spiked Amount			Recovery	=	90.08%	
50) Toluene-d8	8.71	98	643846	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	
62) 4-Bromofluorobenzene	11.14	95	226736	39.52	ug/l	0.00
Spiked Amount			Recovery	=	79.04%	

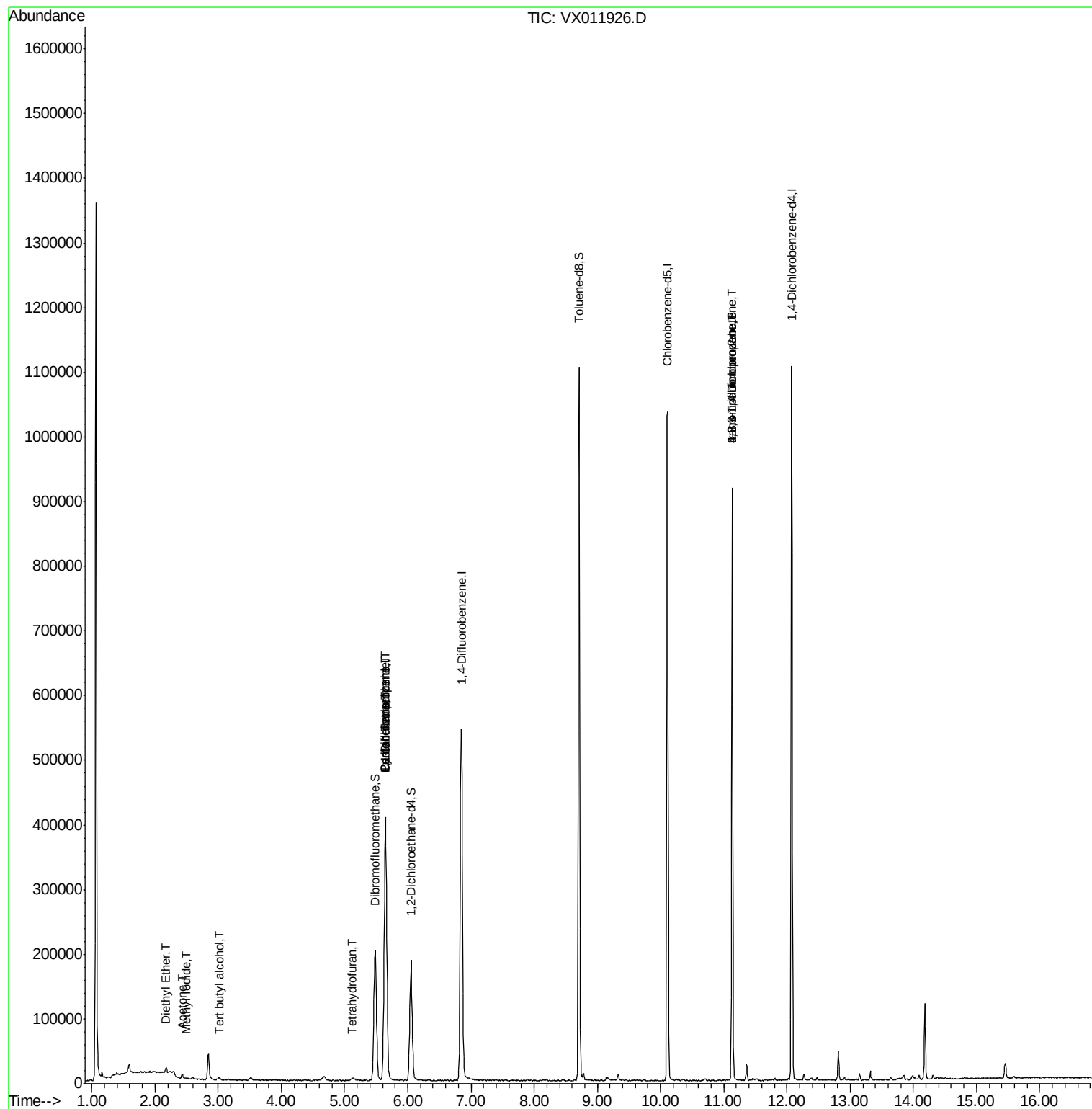
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
8) Diethyl Ether	2.17	74	2221	1.287	ug/l	96
10) Methyl Iodide	2.50	142	694	3.856	ug/l #	66
11) Tert butyl alcohol	3.02	59	3841	9.631	ug/l #	83
16) Acetone	2.43	43	7915	8.874	ug/l	98
29) Tetrahydrofuran	5.12	42	4546	5.606	ug/l #	60
31) Cyclohexane	5.65	56	7255	1.402	ug/l #	7
36) 1,1-Dichloropropene	5.64	75	26070	5.767	ug/l #	51
38) Carbon Tetrachloride	5.64	117	37339	7.121	ug/l #	15
76) 1,2,3-Trichloropropane	11.14	75	113274	48.252	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.14	75	113274	121.216	ug/l #	11

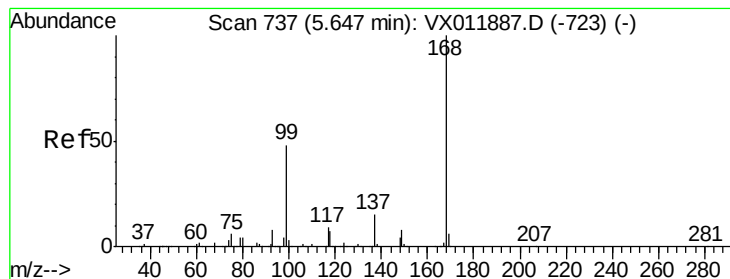
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX083019\
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Misc : 5.24g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Time: Aug 31 02:39:52 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 30 01:59:05 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: VX011926.D

Acq: 31 Aug 2019 00:55

Instrument :

MSVOA_X

ClientSampleId :

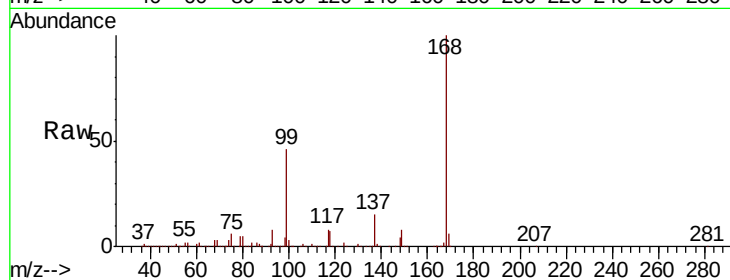
T6-S2-(0)

Tgt Ion:168 Resp: 432686

Ion Ratio Lower Upper

168 100

99 46.4 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

150000

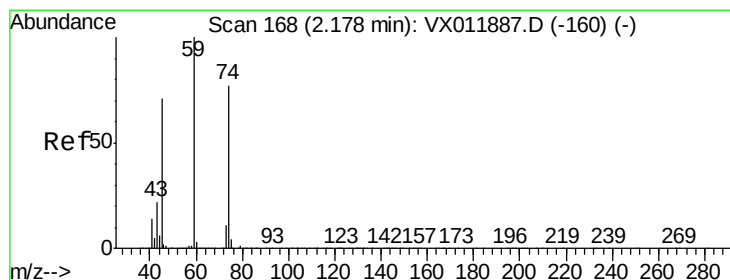
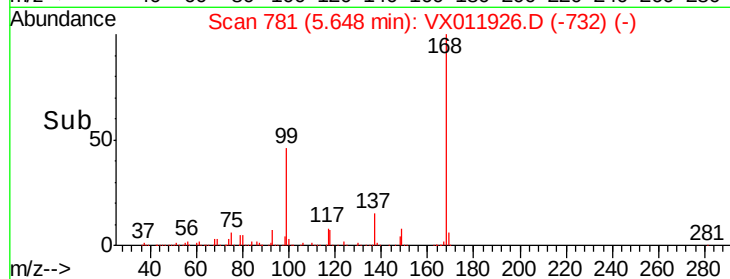
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#8

Diethyl Ether

Concen: 1.287 ug/l

RT: 2.17 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX011926.D

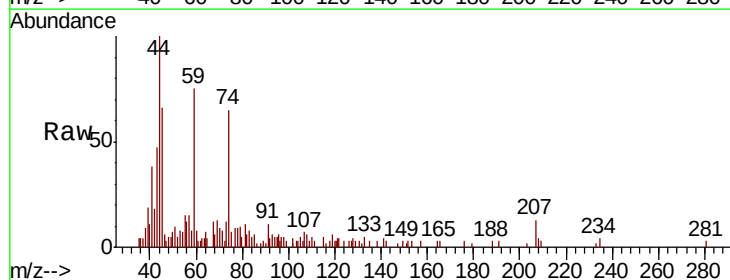
Acq: 31 Aug 2019 00:55

Tgt Ion: 74 Resp: 2221

Ion Ratio Lower Upper

74 100

45 96.8 46.7 140.1



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0

2.17

1500

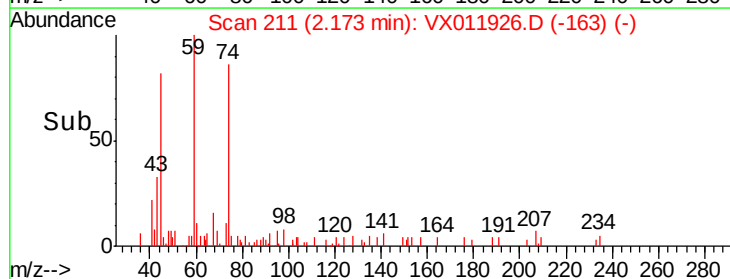
1000

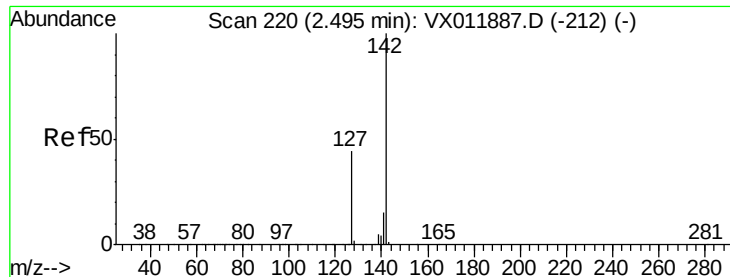
500

0

Time-->

2.15 2.20

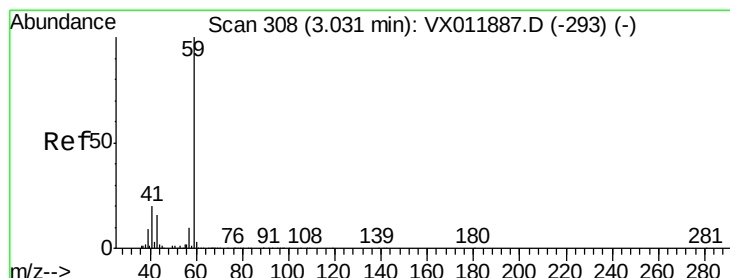
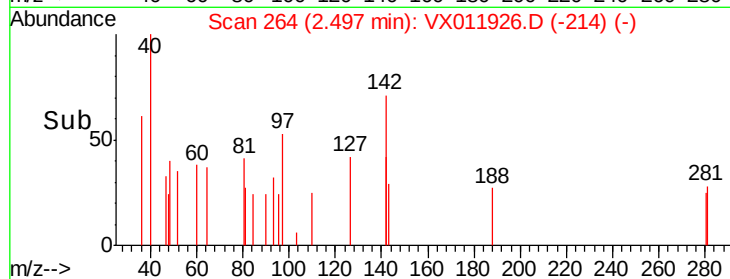
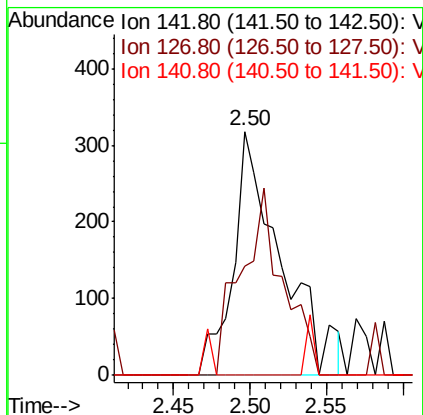
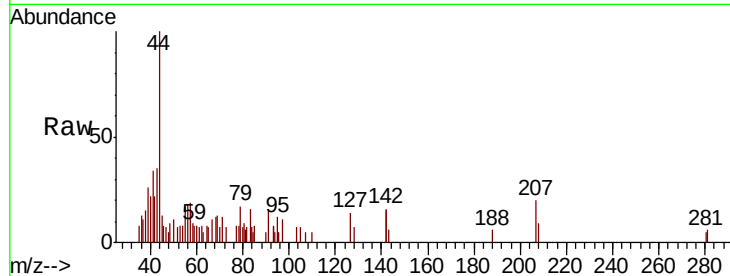




#10
Methyl Iodide
Concen: 3.856 ug/l
RT: 2.50 min Scan# 264
Delta R.T. 0.00 min
Lab File: VX011926.D
Acq: 31 Aug 2019 00:55

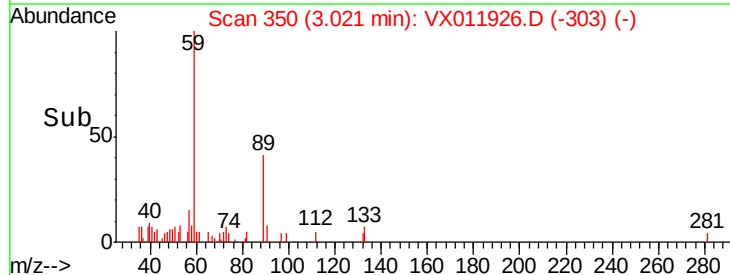
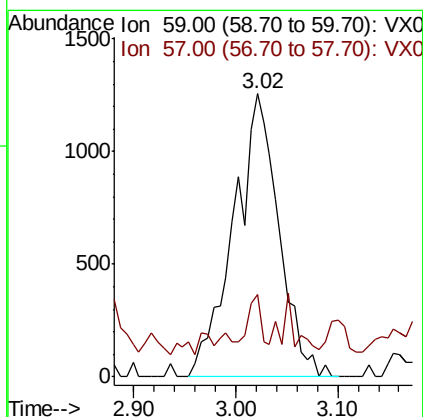
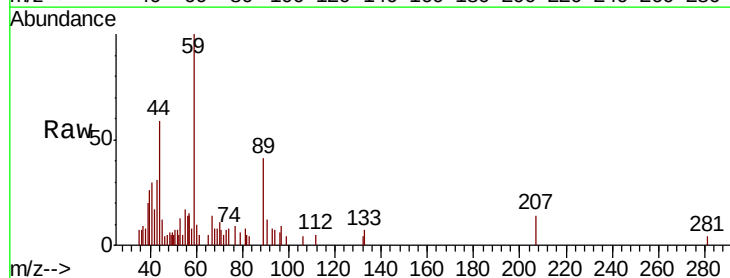
Instrument :
MSVOA_X
ClientSampleId :
T6-S2-(0)

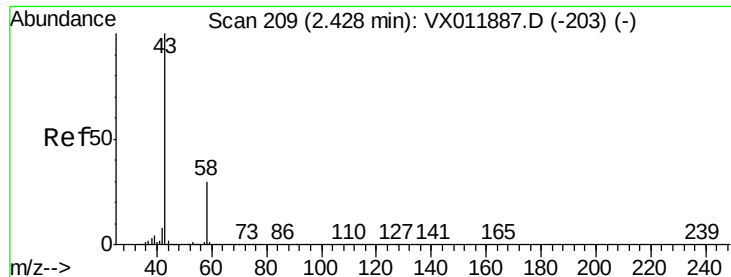
Tgt Ion:142 Resp: 694
Ion Ratio Lower Upper
142 100
127 66.7 35.7 53.5#
141 0.0 11.8 17.6#



#11
Tert butyl alcohol
Concen: 9.631 ug/l
RT: 3.02 min Scan# 350
Delta R.T. -0.01 min
Lab File: VX011926.D
Acq: 31 Aug 2019 00:55

Tgt Ion: 59 Resp: 3841
Ion Ratio Lower Upper
59 100
57 4.3 8.6 12.8#





#16

Acetone

Concen: 8.874 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011926.D

Acq: 31 Aug 2019 00:55

Instrument :

MSVOA_X

ClientSampled :

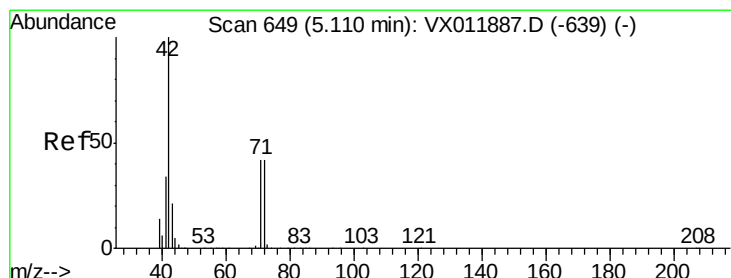
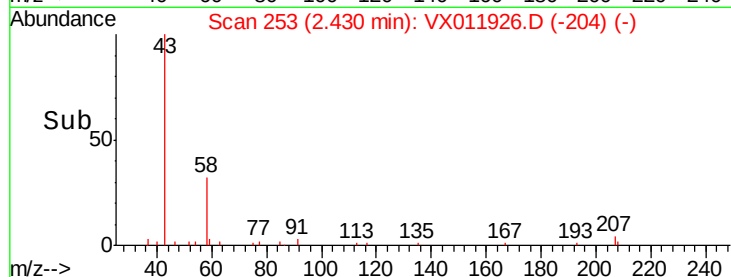
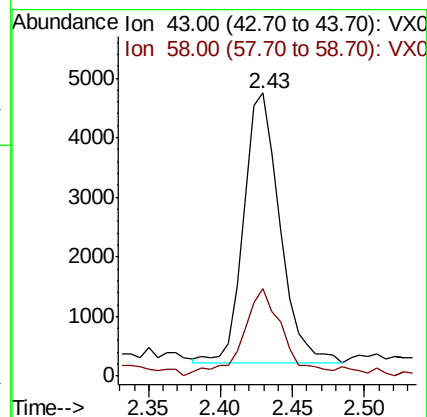
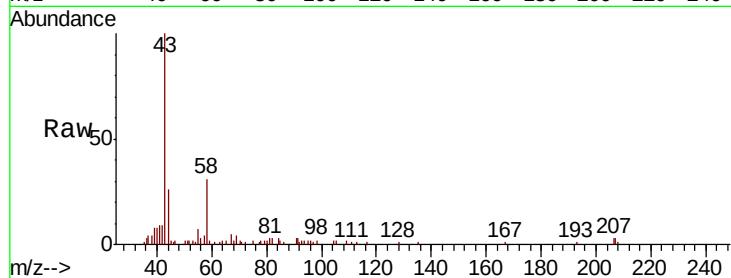
T6-S2-(0)

Tgt Ion: 43 Resp: 7915

Ion Ratio Lower Upper

43 100

58 28.9 23.8 35.8



#29

Tetrahydrofuran

Concen: 5.606 ug/l

RT: 5.12 min Scan# 694

Delta R.T. 0.01 min

Lab File: VX011926.D

Acq: 31 Aug 2019 00:55

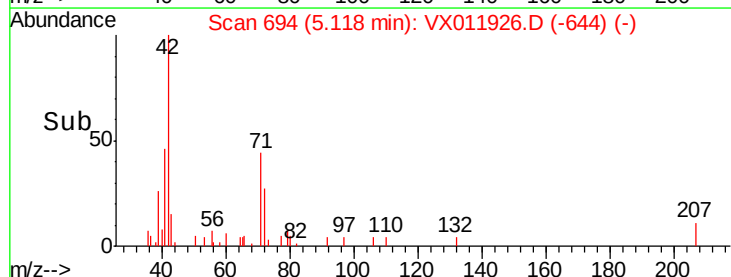
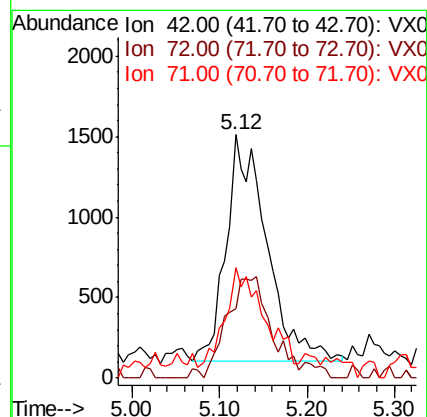
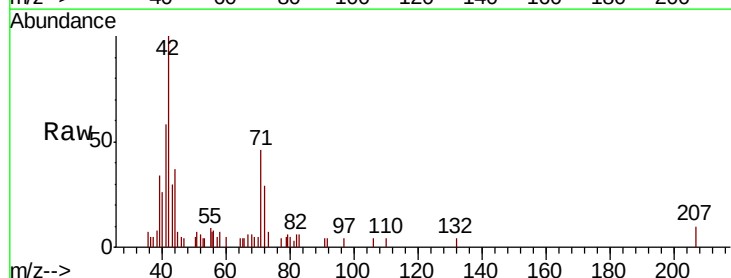
Tgt Ion: 42 Resp: 4546

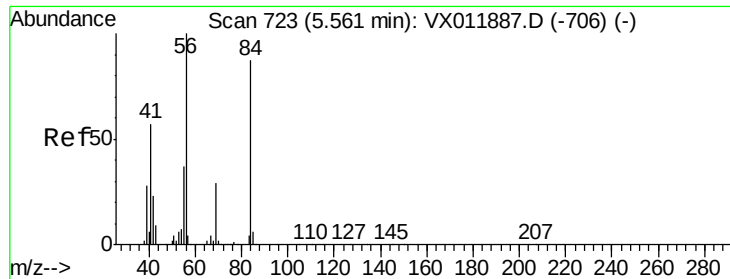
Ion Ratio Lower Upper

42 100

72 0.0 36.2 54.4#

71 36.6 33.1 49.7

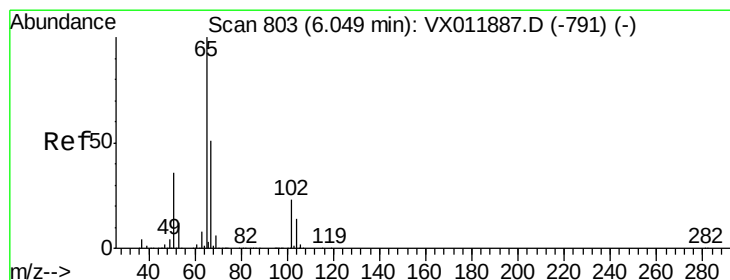
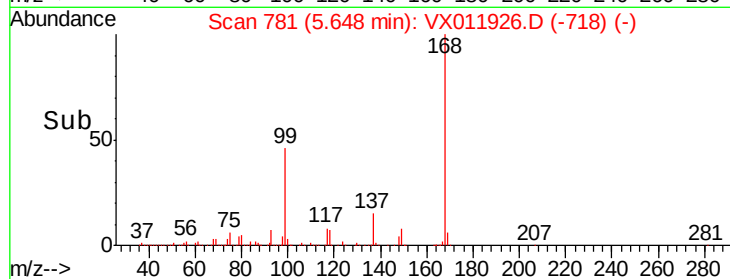
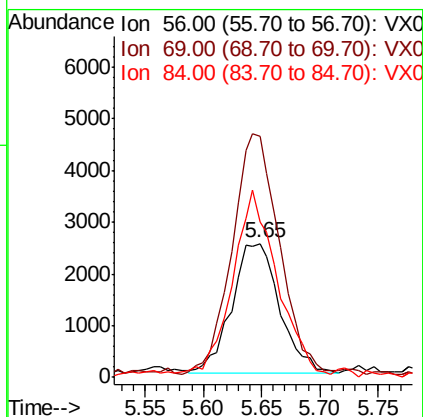
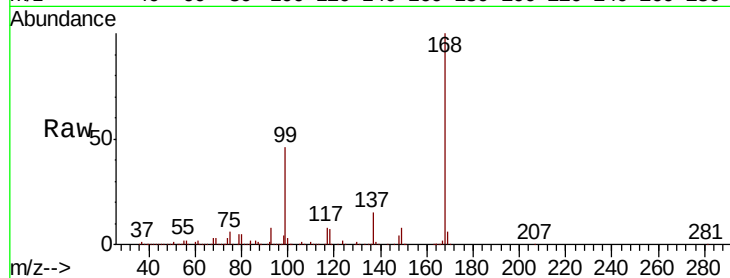




#31
Cyclohexane
Concen: 1.402 ug/l
RT: 5.65 min Scan# 781
Delta R.T. 0.09 min
Lab File: VX011926.D
Acq: 31 Aug 2019 00:55

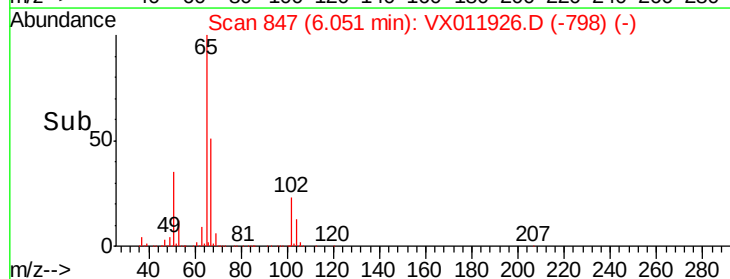
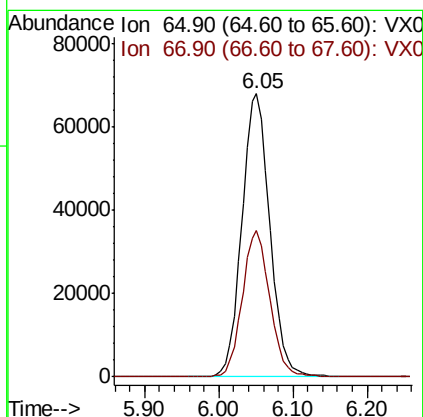
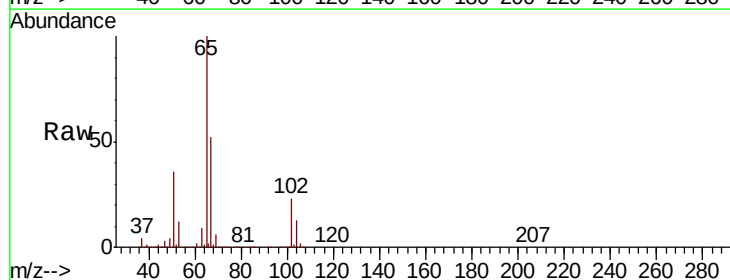
Instrument :
MSVOA_X
ClientSampled :
T6-S2-(0)

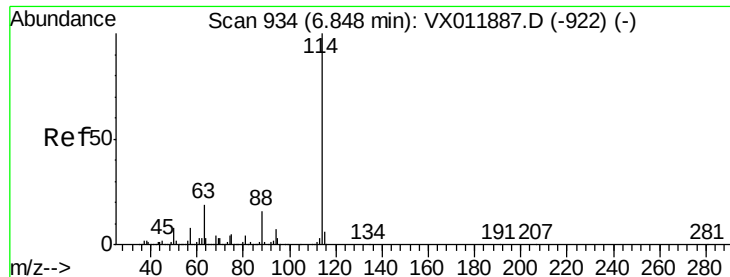
Tgt Ion: 56 Resp: 7255
Ion Ratio Lower Upper
56 100
69 180.8 23.1 34.7#
84 114.4 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 43.131 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX011926.D
Acq: 31 Aug 2019 00:55

Tgt Ion: 65 Resp: 178804
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX011926.D

Acq: 31 Aug 2019 00:55

Instrument :

MSVOA_X

ClientSampleId :

T6-S2-(0)

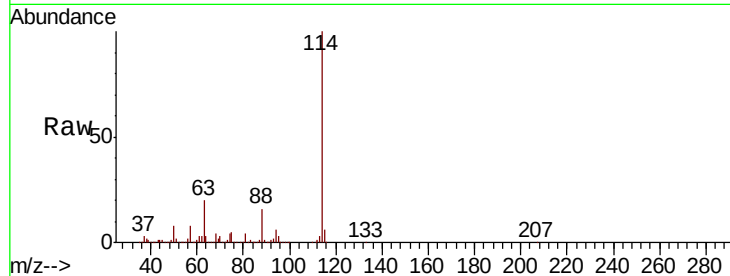
Tgt Ion:114 Resp: 570638

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.8

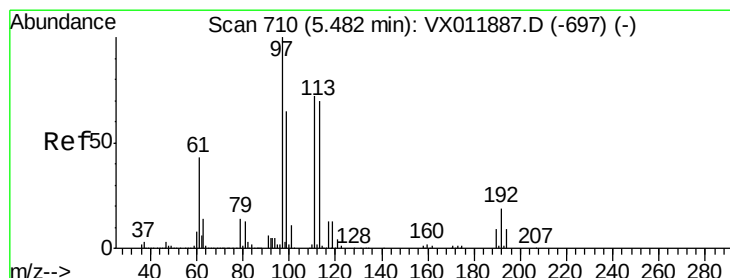
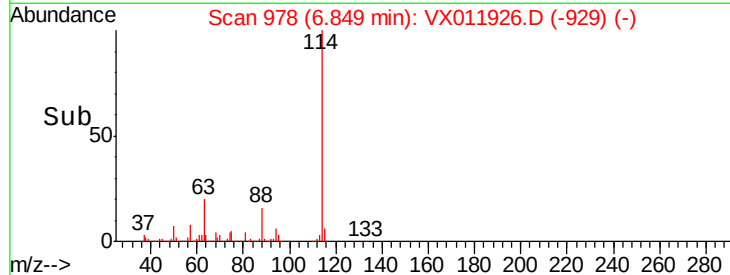
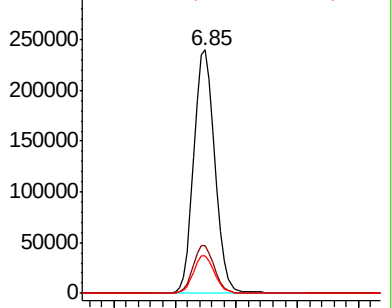
88 15.7 0.0 31.2



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: 45.043 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011926.D

Acq: 31 Aug 2019 00:55

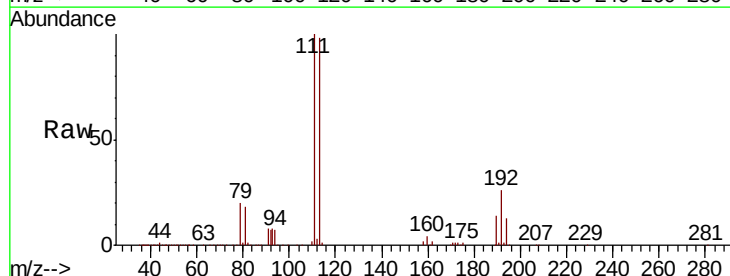
Tgt Ion:113 Resp: 164819

Ion Ratio Lower Upper

113 100

111 103.3 82.1 123.1

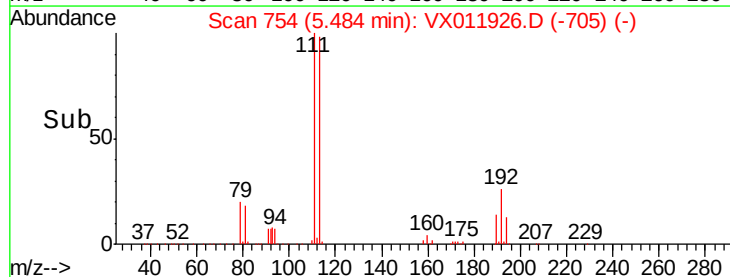
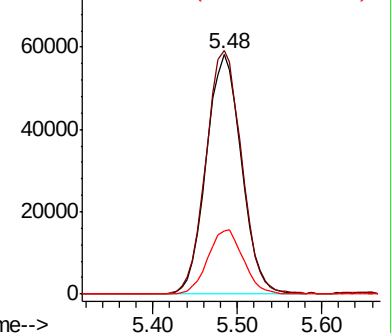
192 27.0 21.5 32.3

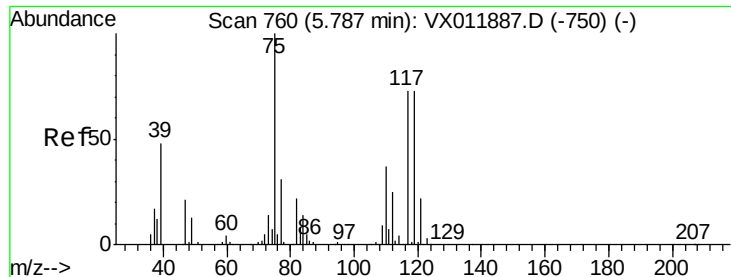


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

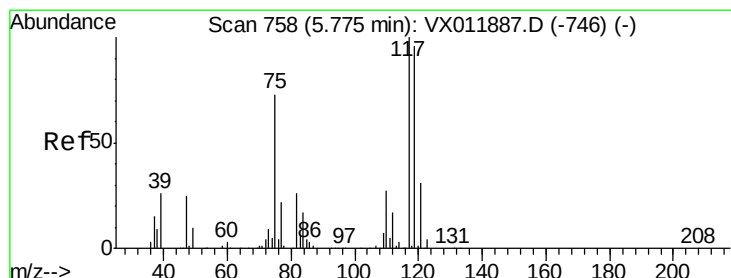
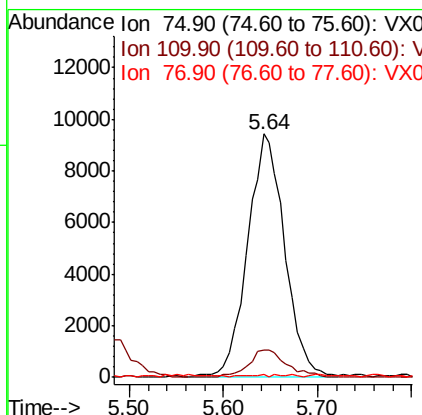
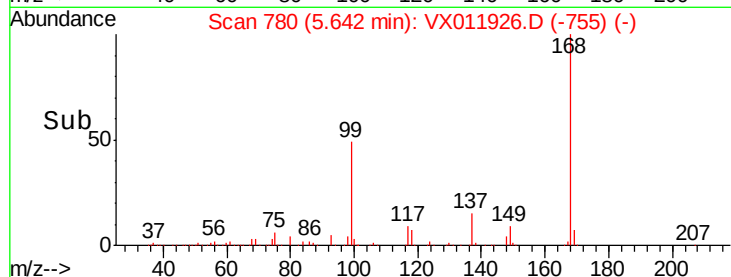
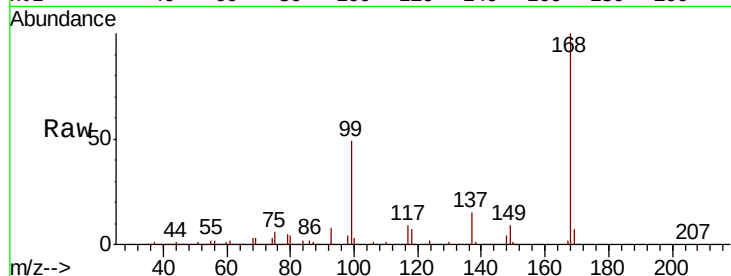




#36
 1,1-Dichloropropene
 Concen: 5.767 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.14 min
 Lab File: VX011926.D
 Acq: 31 Aug 2019 00:55

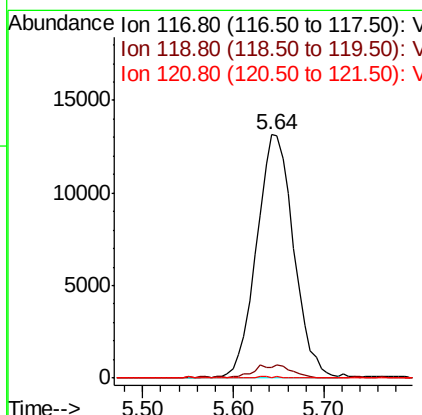
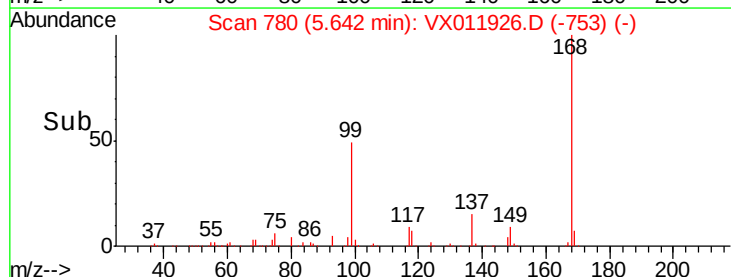
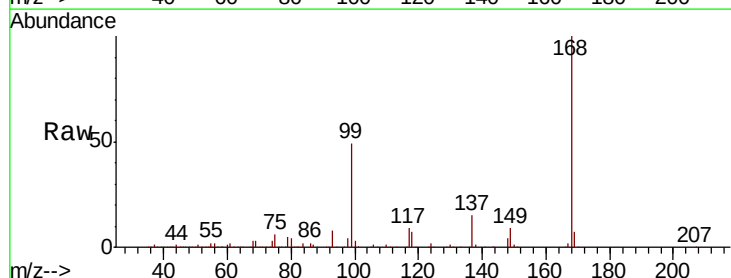
Instrument :
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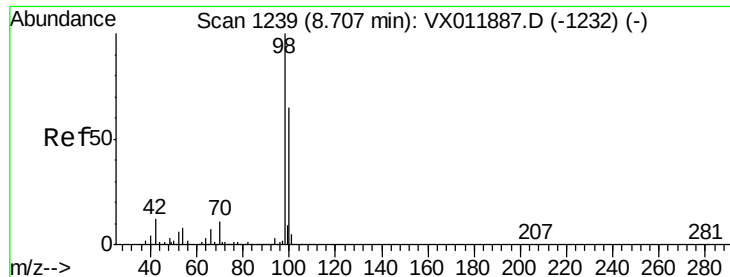
Tgt Ion: 75 Resp: 26070
 Ion Ratio Lower Upper
 75 100
 110 11.5 19.1 57.3#
 77 0.6 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 7.121 ug/l
 RT: 5.64 min Scan# 780
 Delta R.T. -0.13 min
 Lab File: VX011926.D
 Acq: 31 Aug 2019 00:55

Tgt Ion: 117 Resp: 37339
 Ion Ratio Lower Upper
 117 100
 119 4.3 76.6 114.8#
 121 0.0 24.7 37.1#

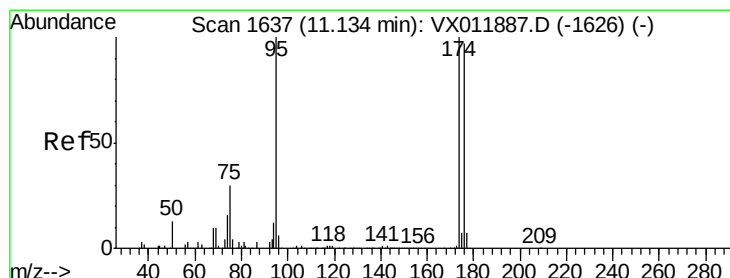
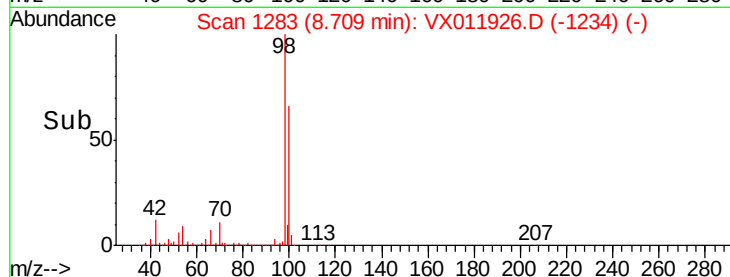
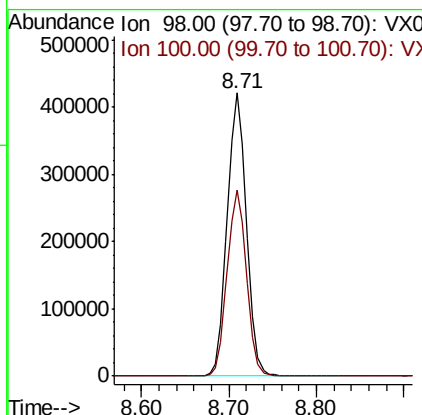
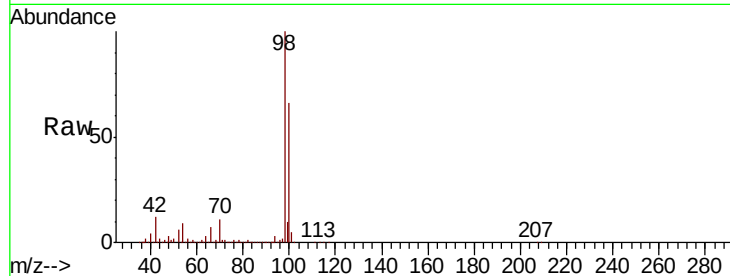




#50
Toluene-d8
Concen: 49.222 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011926.D
Acq: 31 Aug 2019 00:55

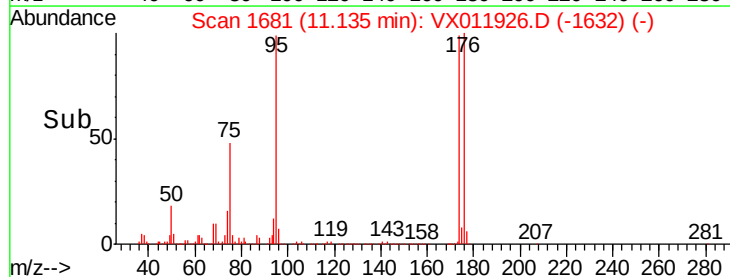
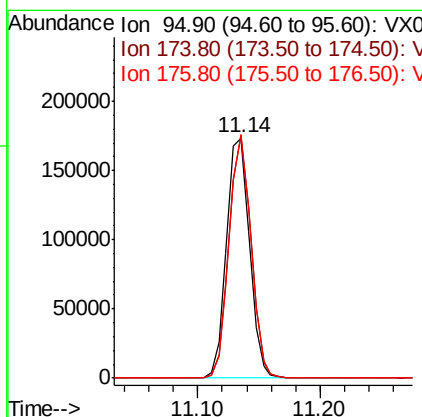
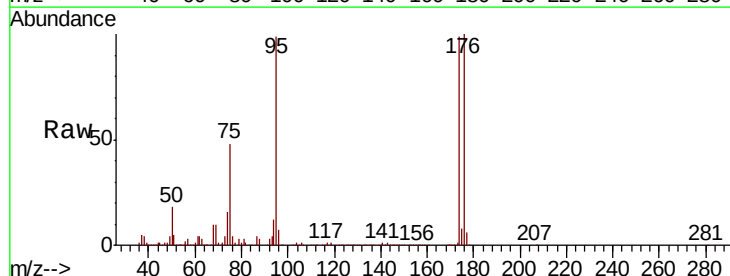
Instrument :
MSVOA_X
ClientSampleId :
T6-S2-(0)

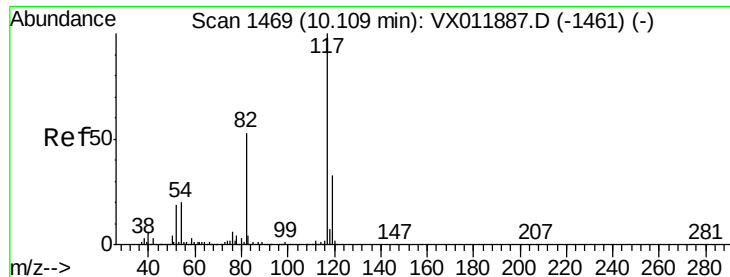
Tgt Ion: 98 Resp: 643846
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 39.516 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX011926.D
Acq: 31 Aug 2019 00:55

Tgt Ion: 95 Resp: 226736
Ion Ratio Lower Upper
95 100
174 96.7 0.0 196.0
176 95.9 0.0 191.4

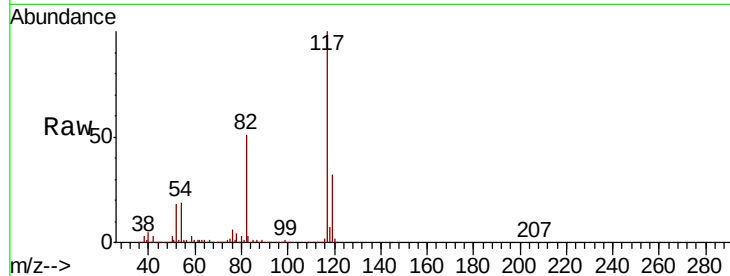




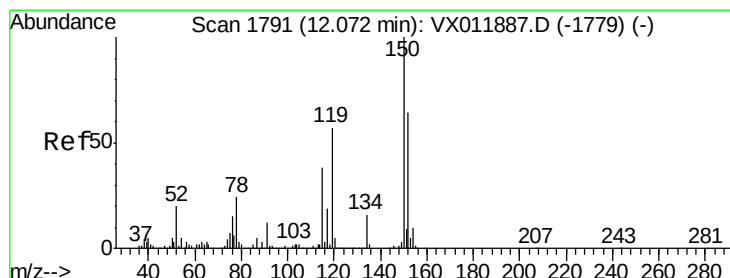
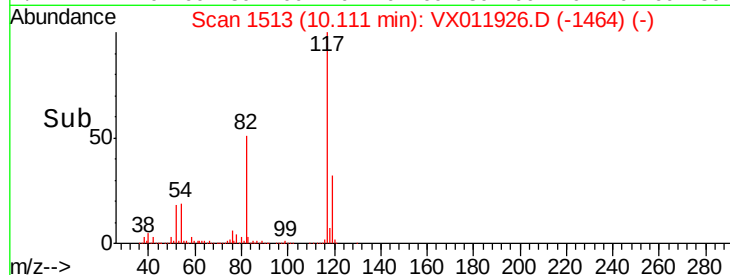
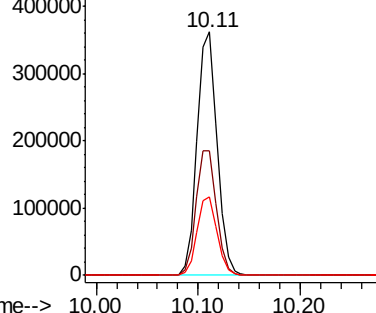
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011926.D
Acq: 31 Aug 2019 00:55

Instrument :
MSVOA_X
ClientSampleId :
T6-S2-(0)

Tgt Ion:117 Resp: 490722
Ion Ratio Lower Upper
117 100
82 50.9 42.0 63.0
119 32.1 26.2 39.4

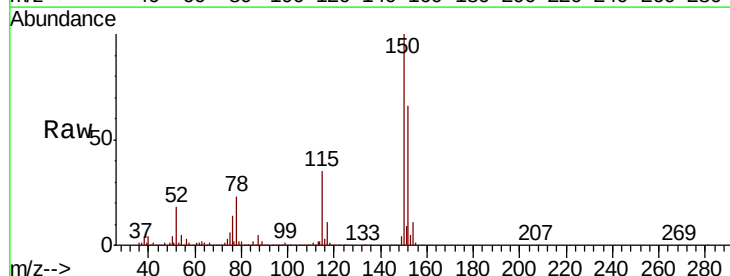


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

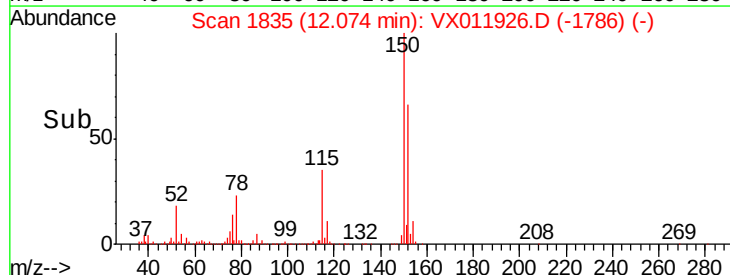
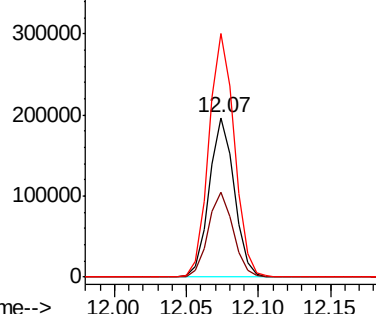


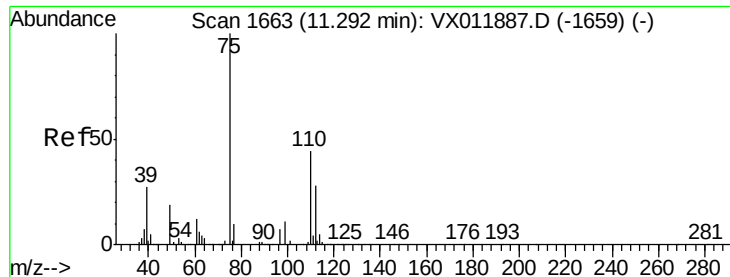
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011926.D
Acq: 31 Aug 2019 00:55

Tgt Ion:152 Resp: 238646
Ion Ratio Lower Upper
152 100
115 53.0 37.1 111.3
150 156.1 0.0 339.6



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

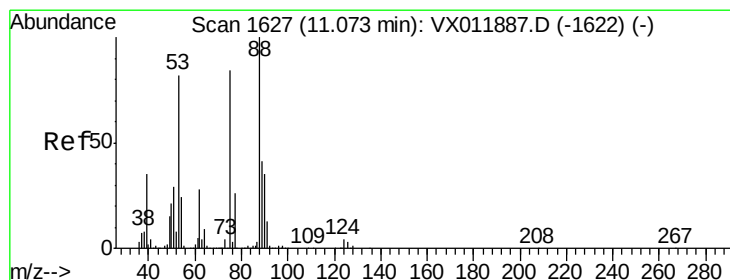
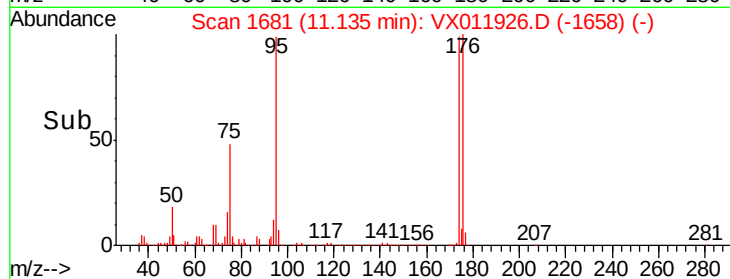
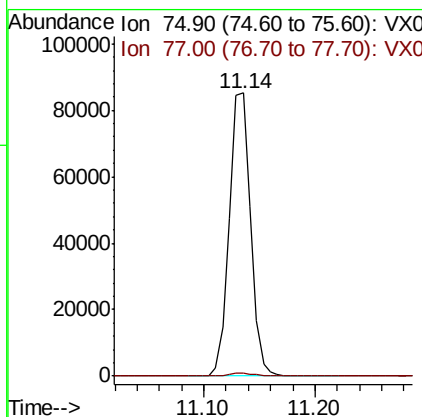
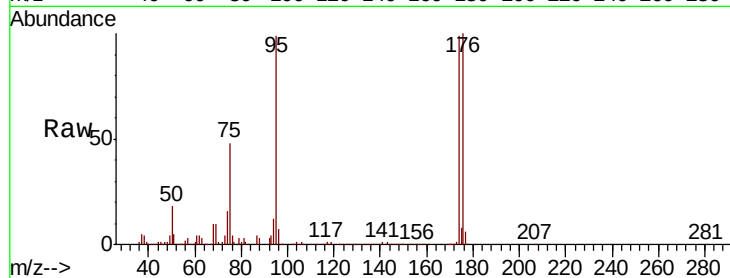




#76
 1,2,3-Trichloropropane
 Concen: 48.252 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. -0.16 min
 Lab File: VX011926.D
 Acq: 31 Aug 2019 00:55

Instrument :
 MSVOA_X
 ClientSampleId :
 T6-S2-(0)

Tgt Ion: 75 Resp: 113274
 Ion Ratio Lower Upper
 75 100
 77 1.4 20.9 62.7#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.216 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.06 min
 Lab File: VX011926.D
 Acq: 31 Aug 2019 00:55

Tgt Ion: 75 Resp: 113274
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.1 115.7#
 89 0.0 38.2 57.2#

