

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083019\
 Data File : VX011903.D
 Acq On : 30 Aug 2019 11:22
 Operator : SY/SP
 Sample : VX0830SBL02
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBL02

Quant Time: Aug 31 01:59:17 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	347006	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	482715	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	448226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	259415	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	174516	52.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.98%	
35) Dibromofluoromethane	5.49	113	158929	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
50) Toluene-d8	8.71	98	594905	53.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.52%	
62) 4-Bromofluorobenzene	11.14	95	244249	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	

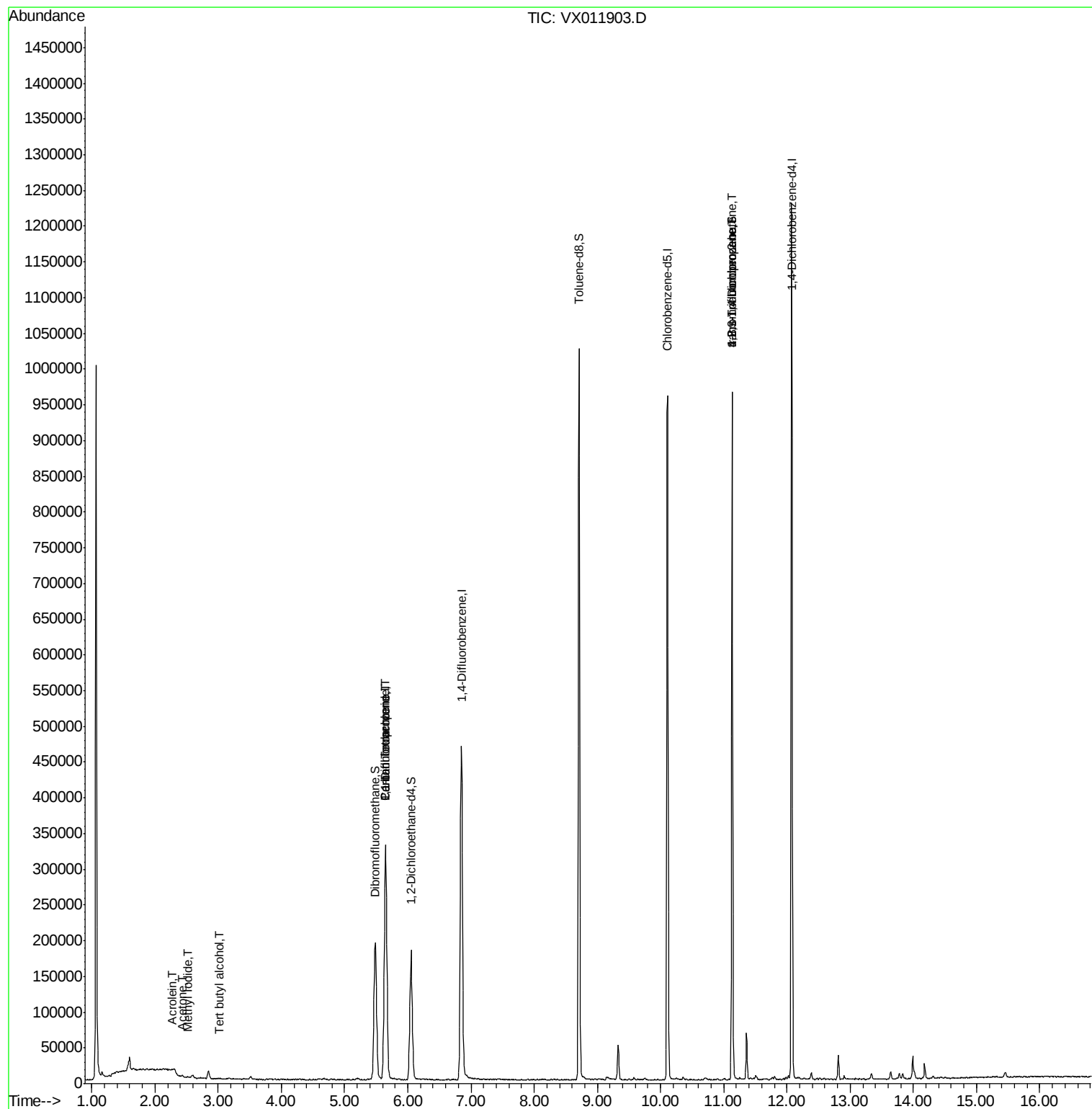
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.51	142	1390	4.126	ug/l #	79
11) Tert butyl alcohol	3.03	59	911	2.848	ug/l #	82
13) Acrolein	2.28	56	204	1.281	ug/l #	1
16) Acetone	2.43	43	2910	4.068	ug/l	92
20) Methylene Chloride	2.85	84	5300	Below Cal		91
36) 1,1-Dichloropropene	5.65	75	20769	5.431	ug/l #	50
38) Carbon Tetrachloride	5.65	117	30113	6.789	ug/l #	15
76) 1,2,3-Trichloropropane	11.13	75	119903	46.986	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	119903	118.038	ug/l #	11

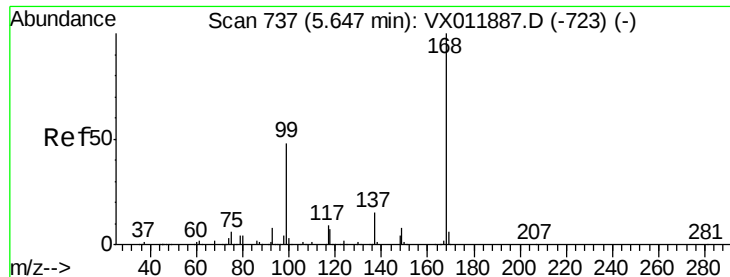
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX083019\
Data File : VX011903.D
Acq On : 30 Aug 2019 11:22
Operator : SY/SP
Sample : VX0830SBL02
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0830SBL02

Quant Time: Aug 31 01:59:17 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: VX011903.D

Acq: 30 Aug 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

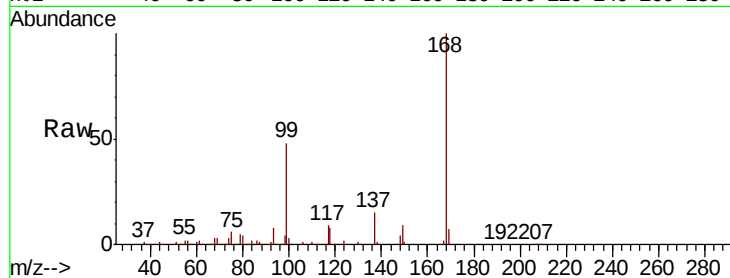
VX0830SBL02

Tgt Ion:168 Resp: 347006

Ion Ratio Lower Upper

168 100

99 48.2 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

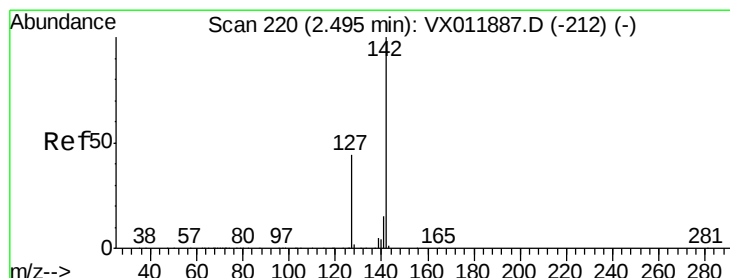
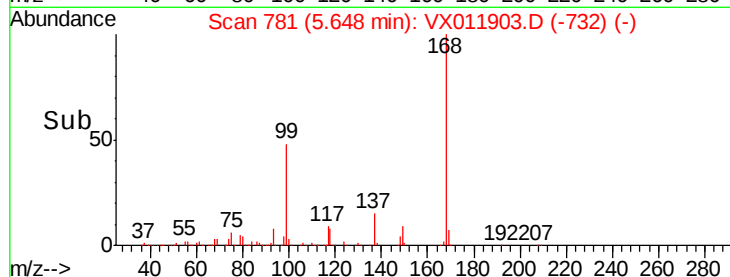
150000

100000

50000

0

Time-->



#10

Methyl Iodide

Concen: 4.126 ug/l

RT: 2.51 min Scan# 267

Delta R.T. 0.02 min

Lab File: VX011903.D

Acq: 30 Aug 2019 11:22

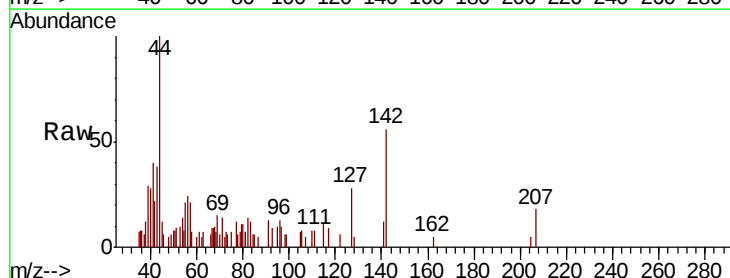
Tgt Ion:142 Resp: 1390

Ion Ratio Lower Upper

142 100

127 56.8 35.7 53.5#

141 25.6 11.8 17.6#



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

800

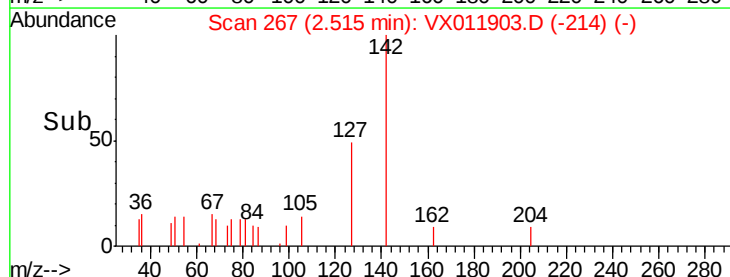
600

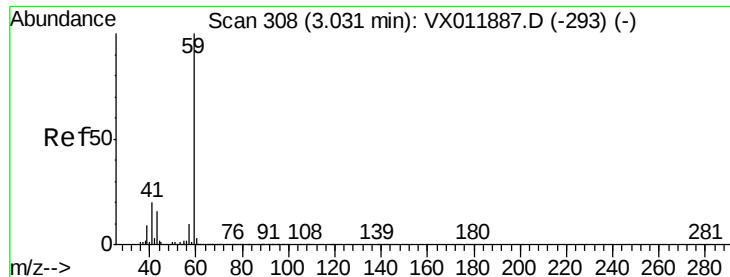
400

200

0

Time-->



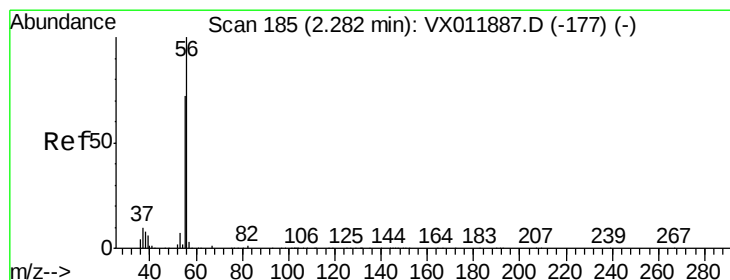
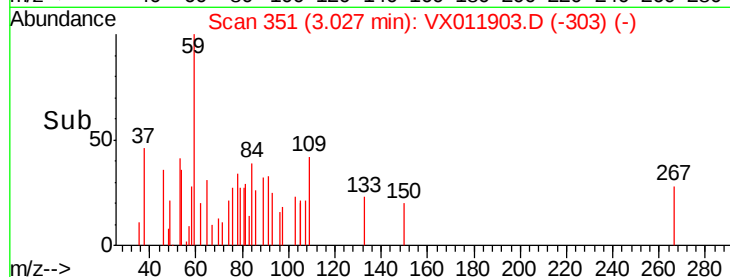
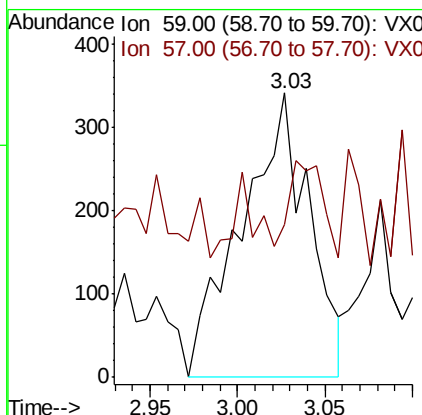
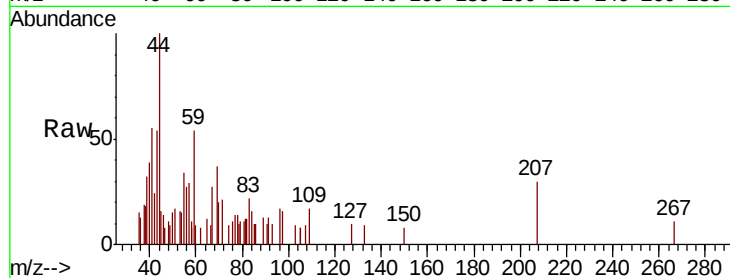


#11

Tert butyl alcohol
 Concen: 2.848 ug/l
 RT: 3.03 min Scan# 351
 Delta R.T. -0.00 min
 Lab File: VX011903.D
 Acq: 30 Aug 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBL02

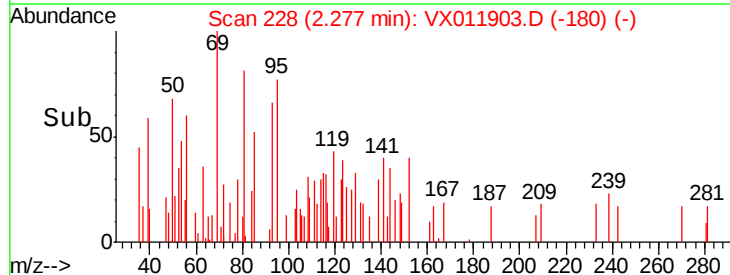
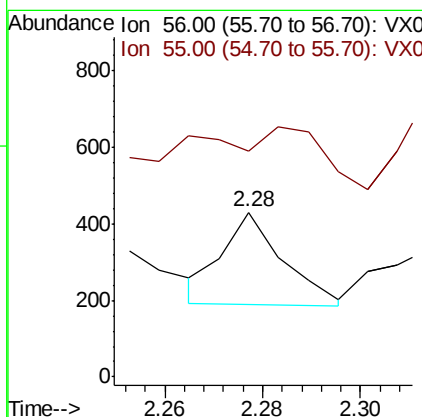
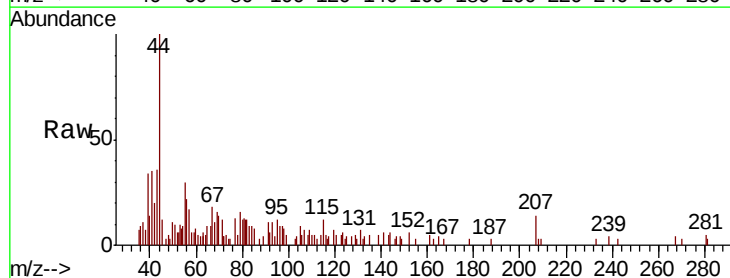
Tgt Ion: 59 Resp: 911
 Ion Ratio Lower Upper
 59 100
 57 17.3 8.6 12.8#

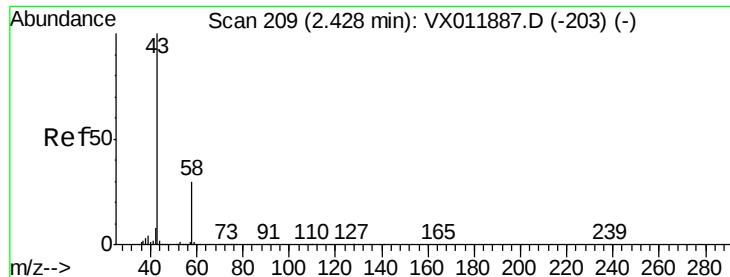


#13

Acrolein
 Concen: 1.281 ug/l
 RT: 2.28 min Scan# 228
 Delta R.T. -0.00 min
 Lab File: VX011903.D
 Acq: 30 Aug 2019 11:22

Tgt Ion: 56 Resp: 204
 Ion Ratio Lower Upper
 56 100
 55 307.4 58.6 88.0#





#16

Acetone

Concen: 4.068 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011903.D

Acq: 30 Aug 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

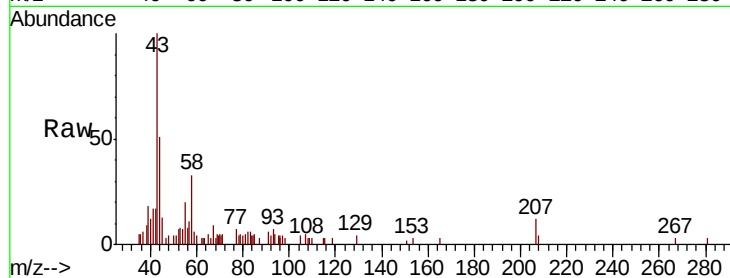
VX0830SBL02

Tgt Ion: 43 Resp: 2910

Ion Ratio Lower Upper

43 100

58 34.0 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

2000

1500

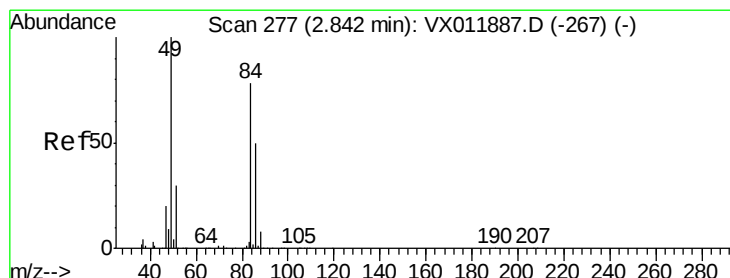
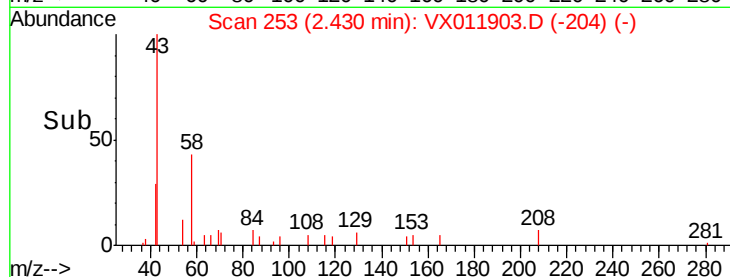
1000

500

0

2.40 2.45

Time-->



#20

Methylene Chloride

Concen: Below Cal

RT: 2.85 min Scan# 322

Delta R.T. 0.01 min

Lab File: VX011903.D

Acq: 30 Aug 2019 11:22

Tgt Ion: 84 Resp: 5300

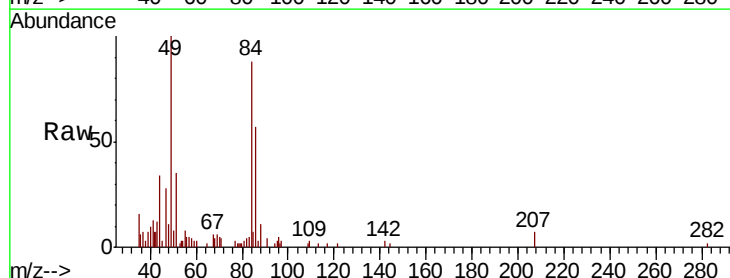
Ion Ratio Lower Upper

84 100

49 112.7 103.0 154.4

51 38.6 30.8 46.2

86 66.5 51.3 76.9



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

5000

4000

3000

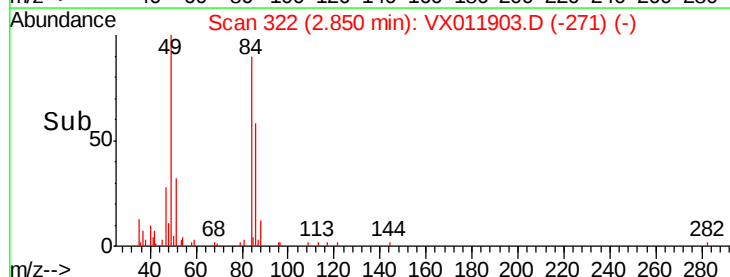
2000

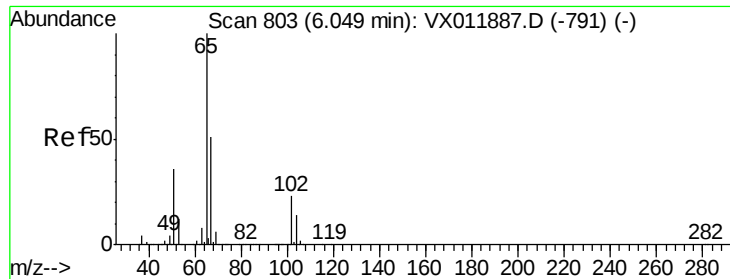
1000

0

2.75 2.80 2.85 2.90

Time-->

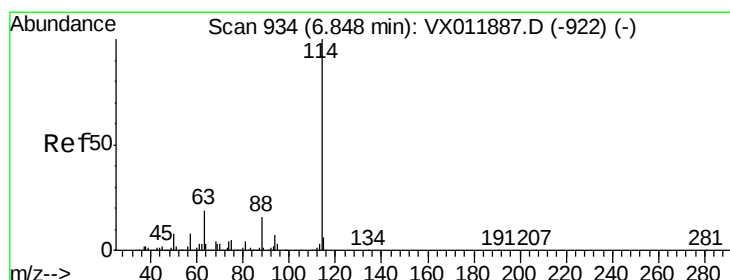
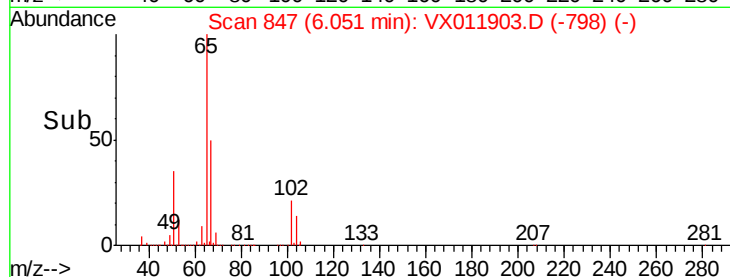
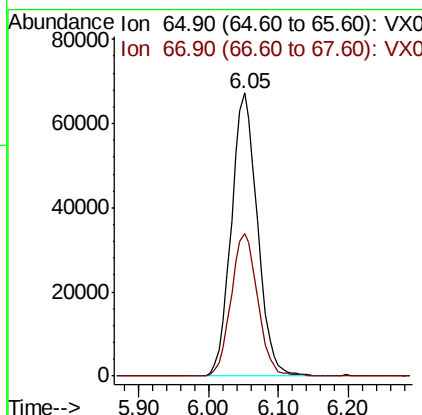
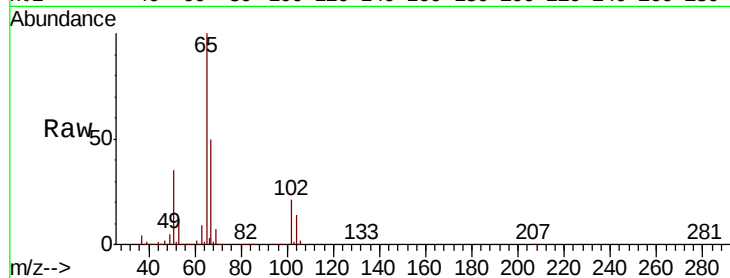




#33
 1,2-Dichloroethane-d4
 Concen: 52.491 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX011903.D
 Acq: 30 Aug 2019 11:22

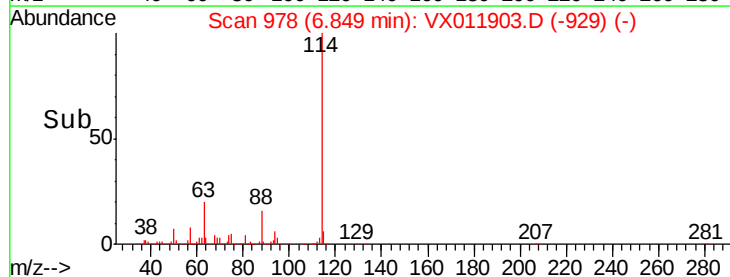
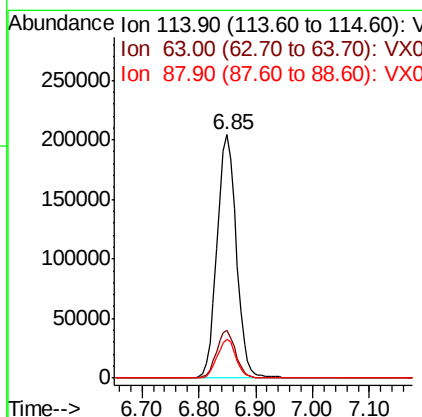
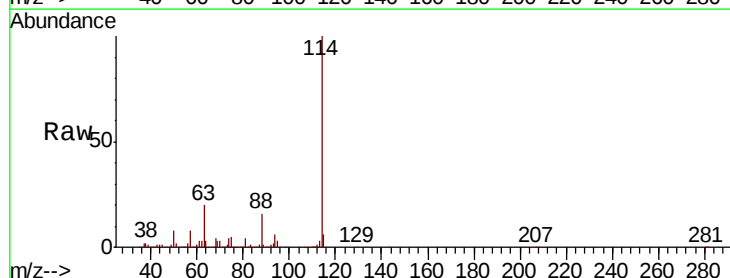
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBL02

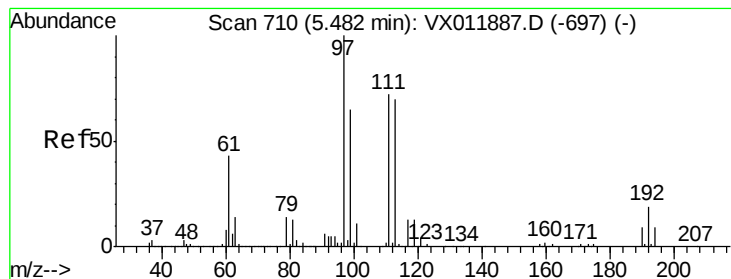
Tgt Ion: 65 Resp: 174516
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX011903.D
 Acq: 30 Aug 2019 11:22

Tgt Ion: 114 Resp: 482715
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.8
 88 16.1 0.0 31.2





#35

Dibromofluoromethane

Concen: 51.344 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX011903.D

Acq: 30 Aug 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0830SBL02

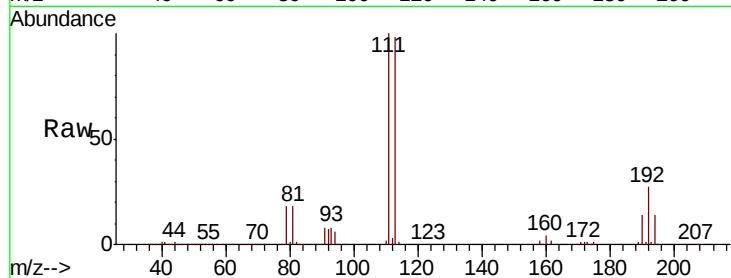
Tgt Ion:113 Resp: 158929

Ion Ratio Lower Upper

113 100

111 102.2 82.1 123.1

192 27.2 21.5 32.3

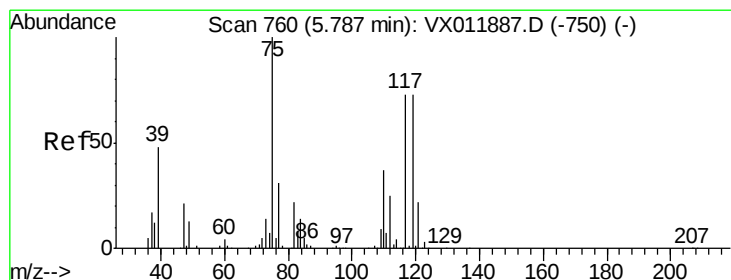
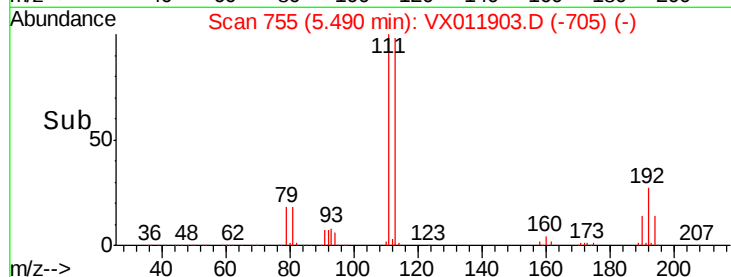
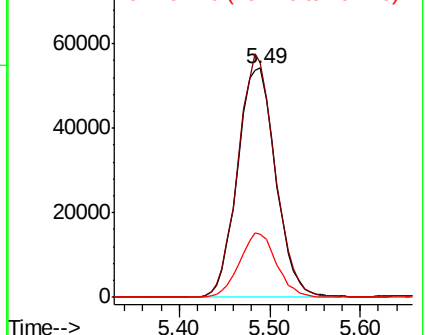


Abundance

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: 5.431 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.14 min

Lab File: VX011903.D

Acq: 30 Aug 2019 11:22

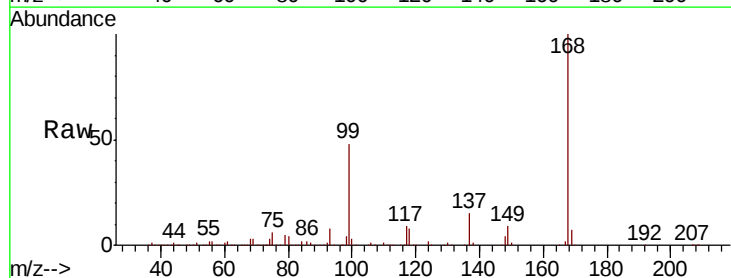
Tgt Ion: 75 Resp: 20769

Ion Ratio Lower Upper

75 100

110 10.9 19.1 57.3#

77 0.2 24.4 36.6#

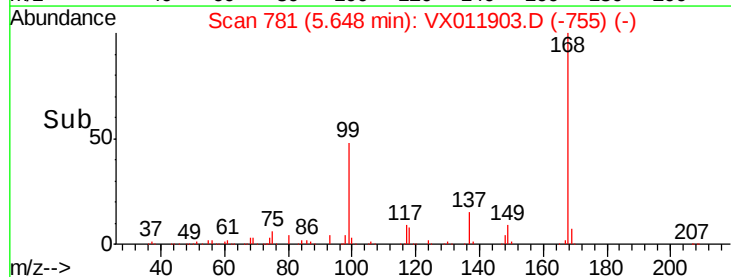
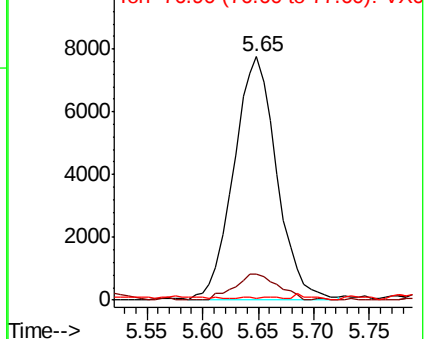


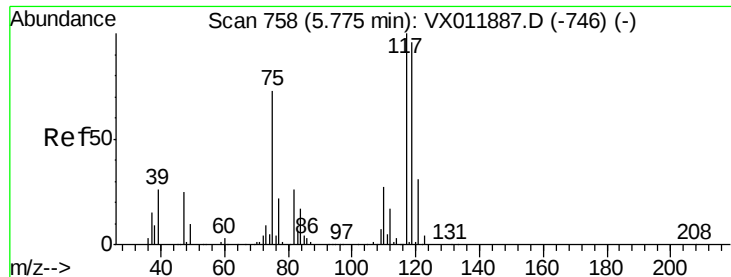
Abundance

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: 6.789 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX011903.D

Acq: 30 Aug 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0830SBL02

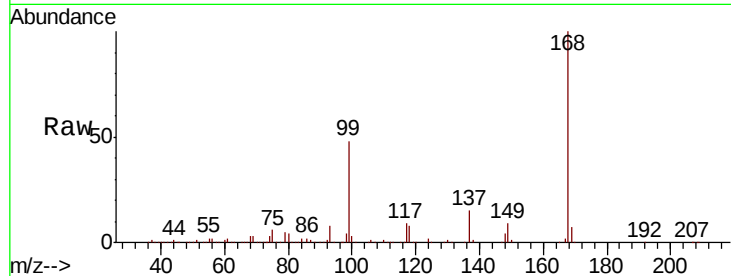
Tgt Ion:117 Resp: 30113

Ion Ratio Lower Upper

117 100

119 3.7 76.6 114.8#

121 0.0 24.7 37.1#

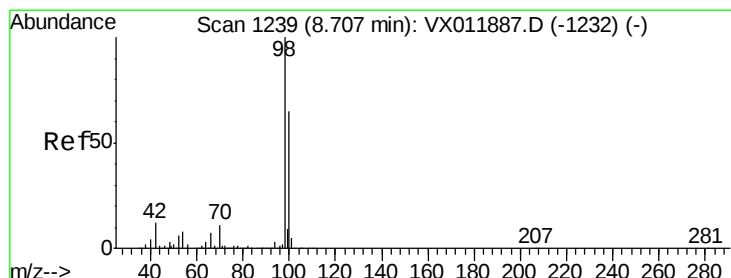
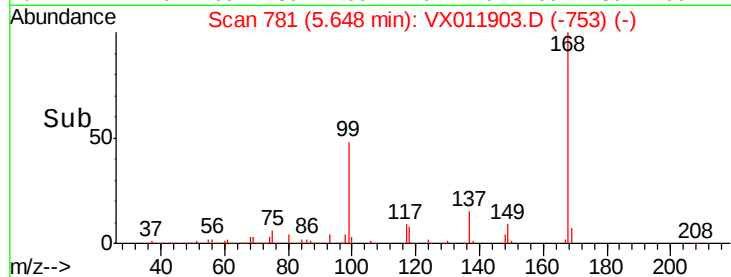
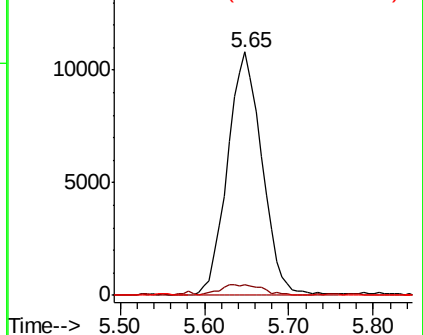


Abundance

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



#50

Toluene-d8

Concen: 53.765 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX011903.D

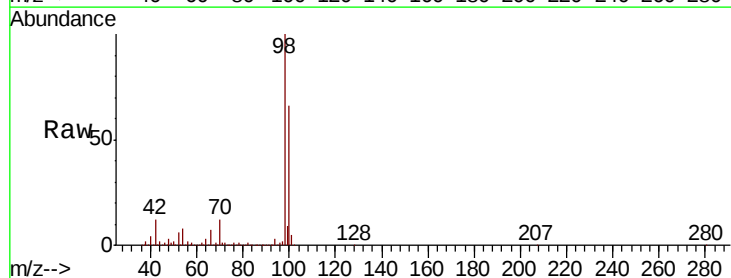
Acq: 30 Aug 2019 11:22

Tgt Ion: 98 Resp: 594905

Ion Ratio Lower Upper

98 100

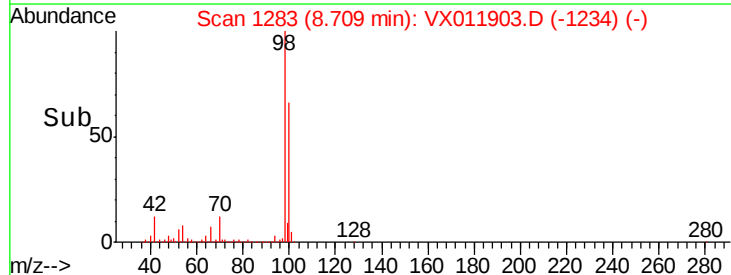
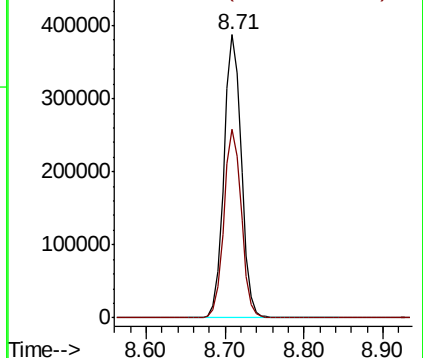
100 66.4 53.0 79.6

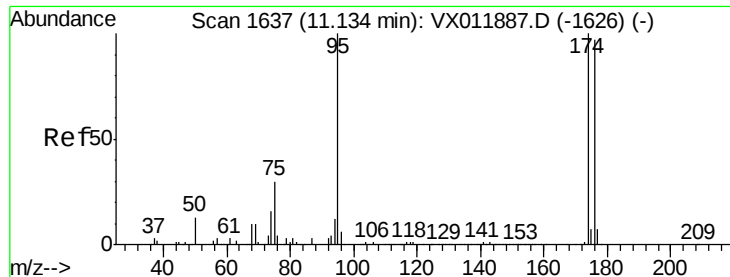


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 50.321 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX011903.D

Acq: 30 Aug 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0830SBL02

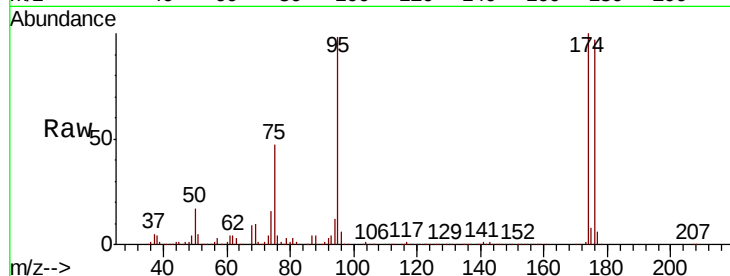
Tgt Ion: 95 Resp: 244249

Ion Ratio Lower Upper

95 100

174 97.5 0.0 196.0

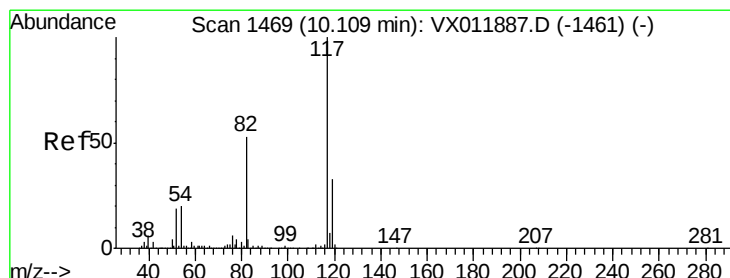
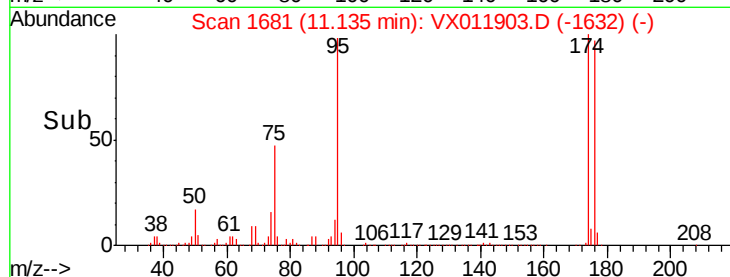
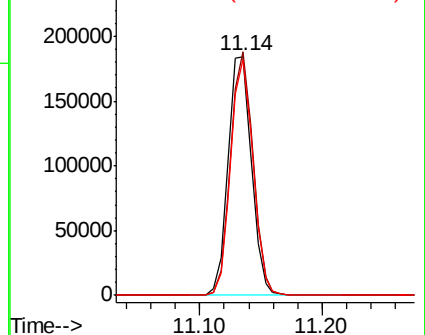
176 94.4 0.0 191.4



Abundance Ion 94.90 (94.60 to 95.60): VX011887.D (-1626) (-)

Ion 173.80 (173.50 to 174.50): VX011887.D (-1626) (-)

Ion 175.80 (175.50 to 176.50): VX011887.D (-1626) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX011903.D

Acq: 30 Aug 2019 11:22

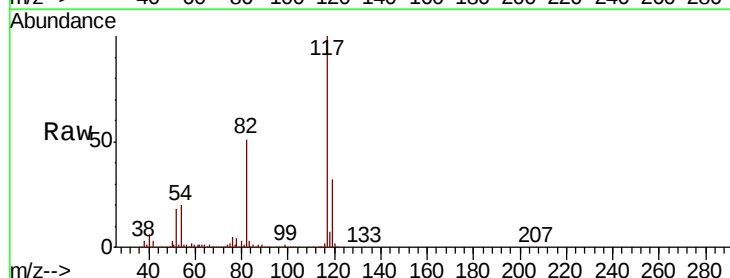
Tgt Ion: 117 Resp: 448226

Ion Ratio Lower Upper

117 100

82 51.4 42.0 63.0

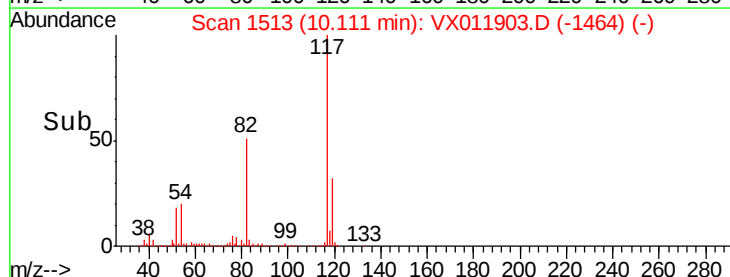
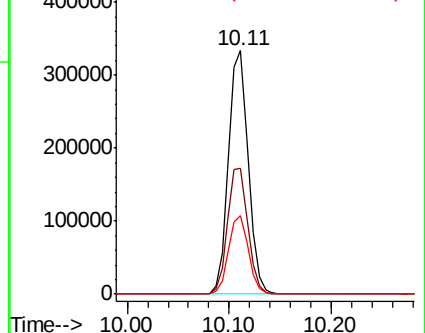
119 32.3 26.2 39.4

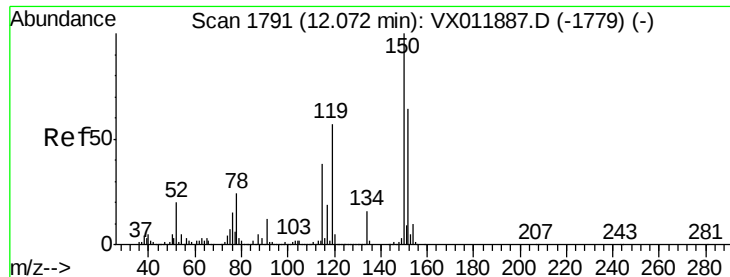


Abundance Ion 116.90 (116.60 to 117.60): VX011887.D (-1461) (-)

Ion 82.00 (81.70 to 82.70): VX011887.D (-1461) (-)

Ion 118.90 (118.60 to 119.60): VX011887.D (-1461) (-)



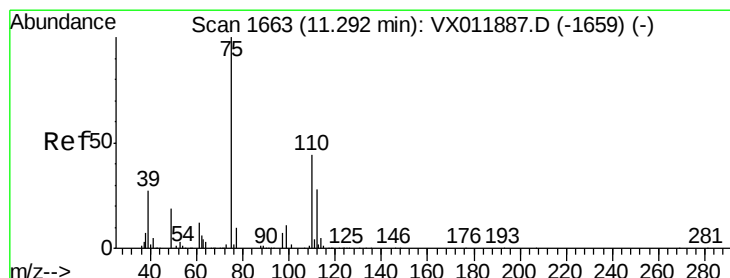
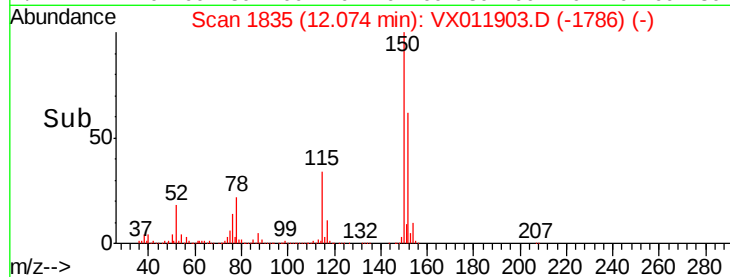
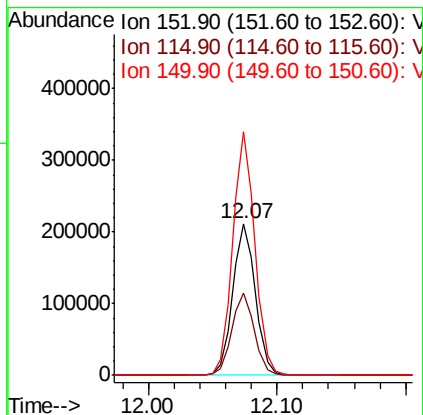
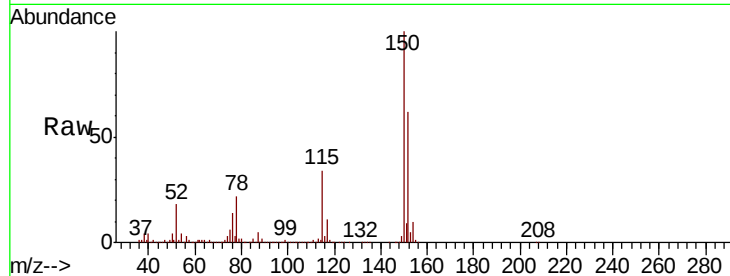


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011903.D
Acq: 30 Aug 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0830SBL02

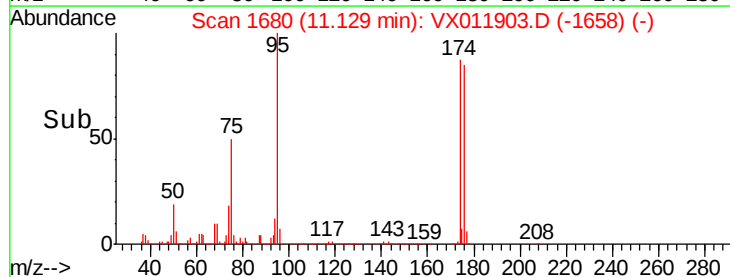
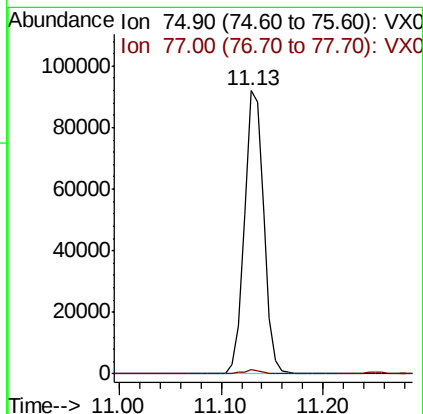
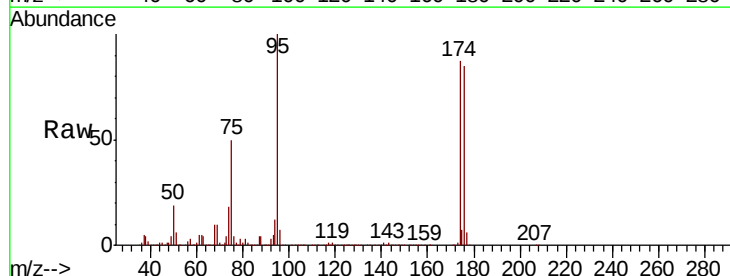
Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.9	37.1	111.3
150	157.2	0.0	339.6

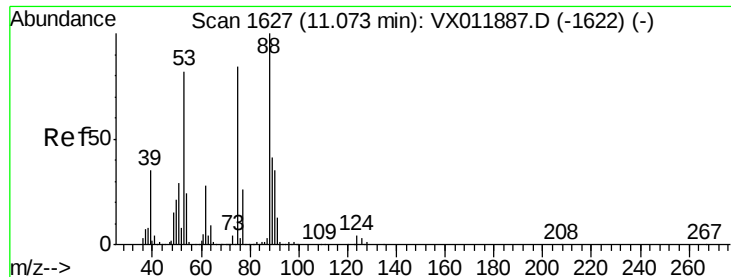


#76

1,2,3-Trichloropropane
Concen: 46.986 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX011903.D
Acq: 30 Aug 2019 11:22

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





#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.038 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX011903.D
 Acq: 30 Aug 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBL02

Tgt Ion: 75 Resp: 119903
 Ion Ratio Lower Upper
 75 100
 53 0.1 77.1 115.7#
 89 0.0 38.2 57.2#

