

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
 Data File : VX011944.D
 Acq On : 31 Aug 2019 12:00
 Operator : SY/SP
 Sample : VX0831SBL02
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831SBL02

Quant Time: Sep 01 01:47:35 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	370426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	493208	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	453585	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	265863	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	177824	50.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.20%	
35) Dibromofluoromethane	5.48	113	167633	53.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.00%	
50) Toluene-d8	8.71	98	613454	54.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.52%	
62) 4-Bromofluorobenzene	11.14	95	248227	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	

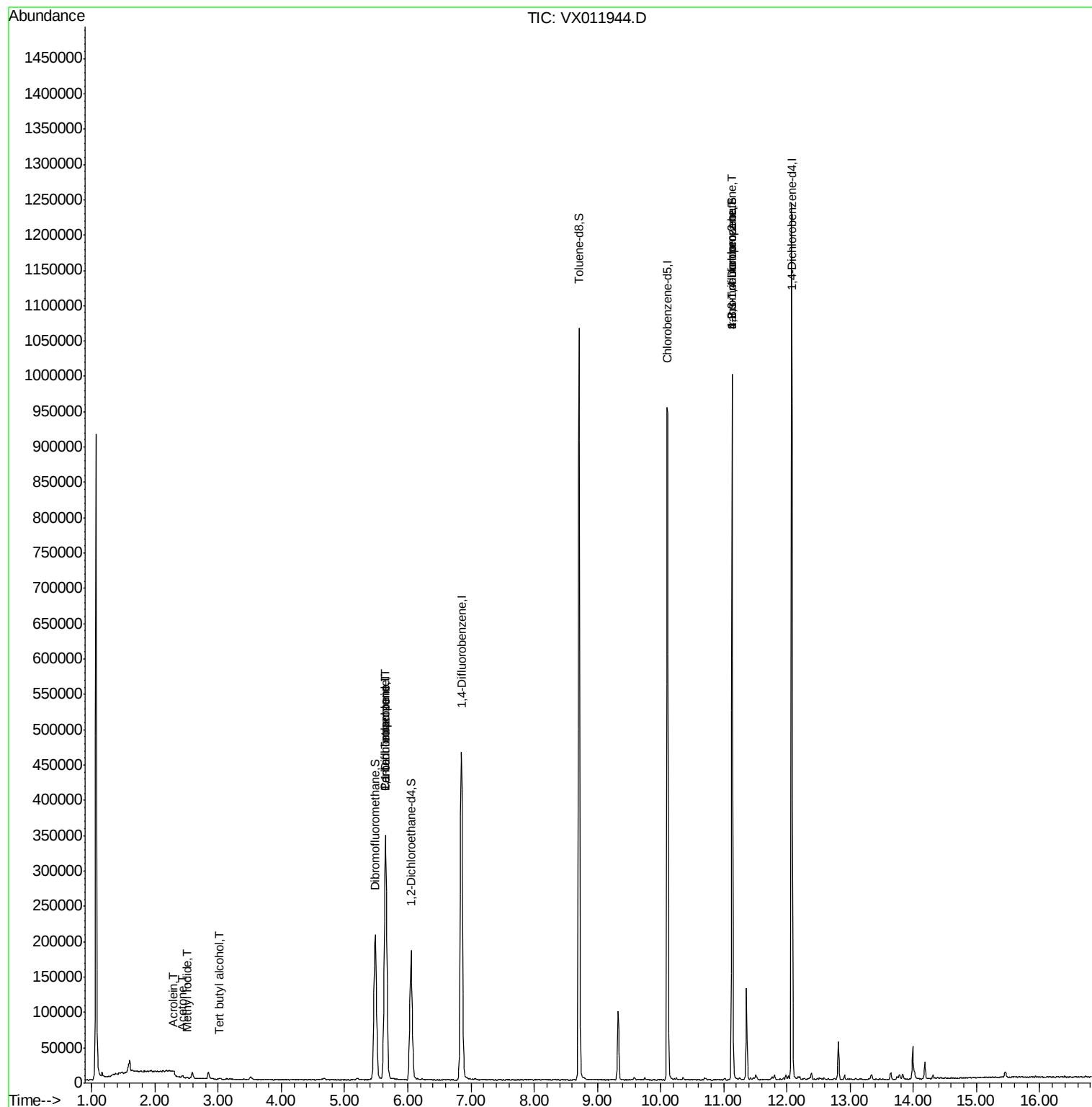
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.51	142	1466	4.120	ug/l #	80
11) Tert butyl alcohol	3.03	59	1161	3.400	ug/l	94
13) Acrolein	2.28	56	211	1.242	ug/l #	1
16) Acetone	2.44	43	4066	5.325	ug/l #	84
20) Methylene Chloride	2.84	84	4967	Below Cal		95
36) 1,1-Dichloropropene	5.64	75	21726	5.560	ug/l #	51
38) Carbon Tetrachloride	5.65	117	31279	6.902	ug/l #	16
76) 1,2,3-Trichloropropane	11.13	75	123236	47.121	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	123236	118.376	ug/l #	11

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX083119\
Data File : VX011944.D
Acq On : 31 Aug 2019 12:00
Operator : SY/SP
Sample : VX0831SBL02
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0831SBL02

Quant Time: Sep 01 01:47:35 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: VX011944.D

Acq: 31 Aug 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

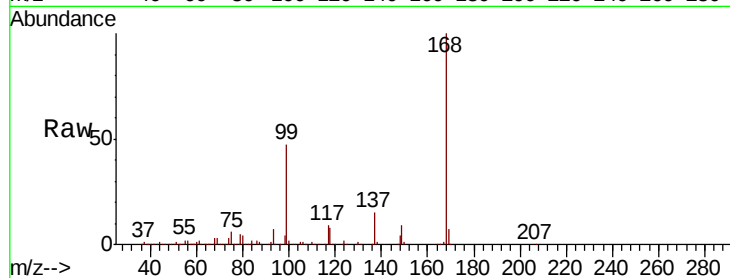
VX0831SBL02

Tgt Ion:168 Resp: 370426

Ion Ratio Lower Upper

168 100

99 46.9 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

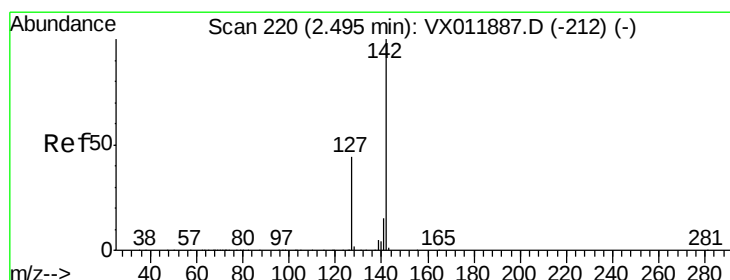
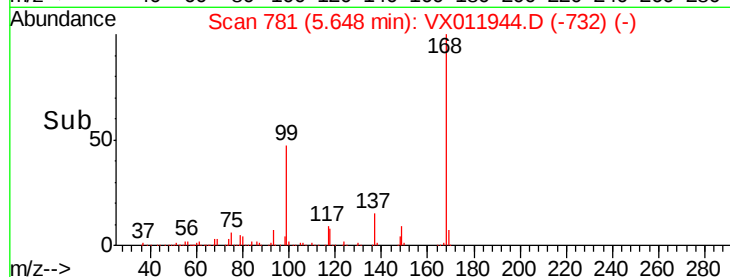
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 4.120 ug/l

RT: 2.51 min Scan# 266

Delta R.T. 0.01 min

Lab File: VX011944.D

Acq: 31 Aug 2019 12:00

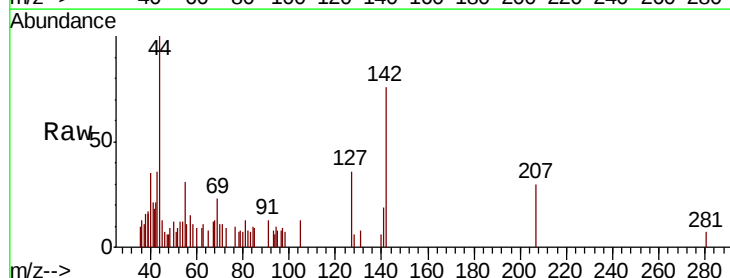
Tgt Ion:142 Resp: 1466

Ion Ratio Lower Upper

142 100

127 55.9 35.7 53.5#

141 26.4 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

2.51

800

600

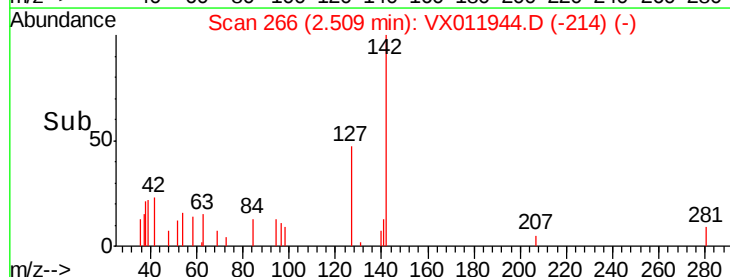
400

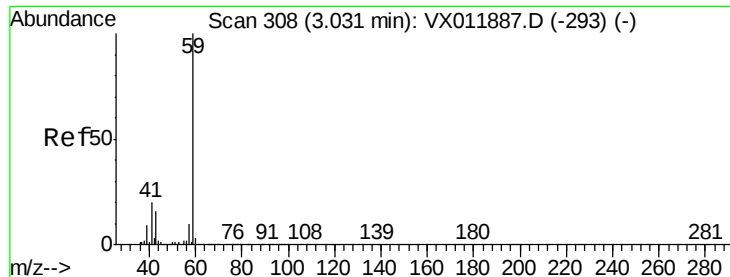
200

0

Time-->

2.45 2.50 2.55

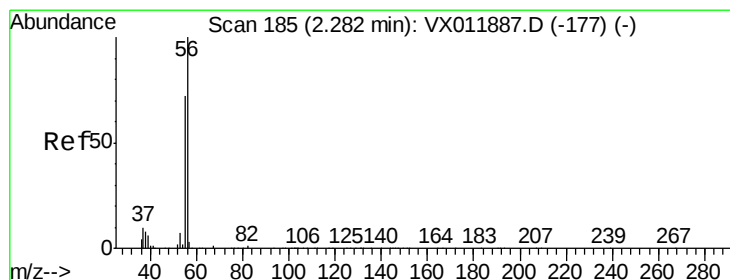
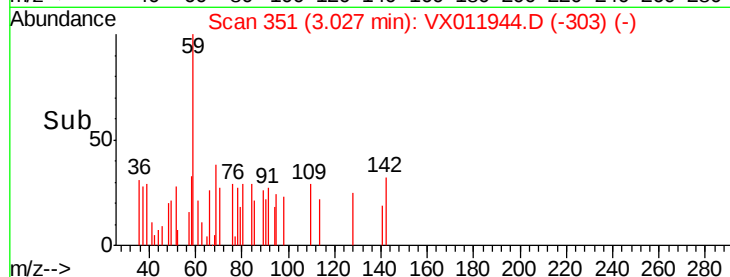
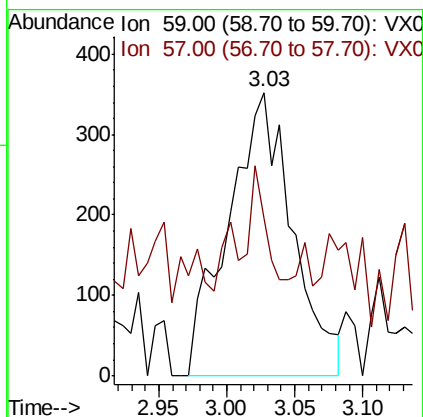
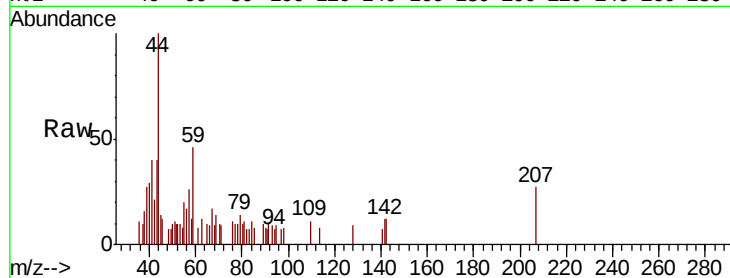




#11
Tert butyl alcohol
Concen: 3.400 ug/l
RT: 3.03 min Scan# 351
Delta R.T. -0.00 min
Lab File: VX011944.D
Acq: 31 Aug 2019 12:00

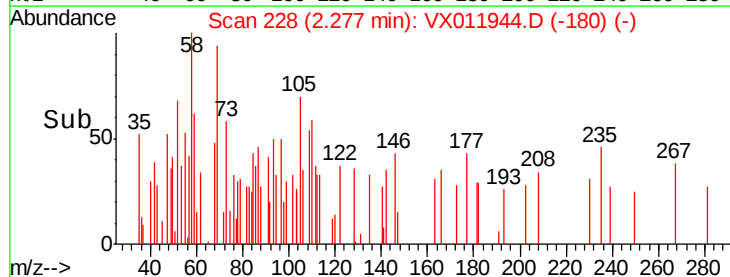
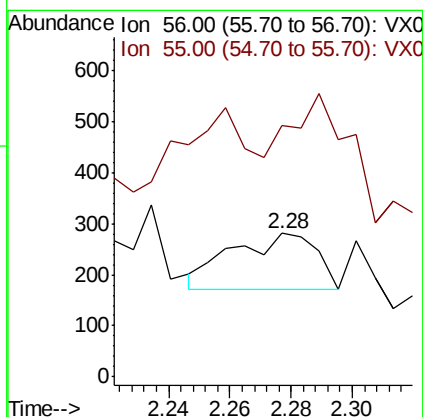
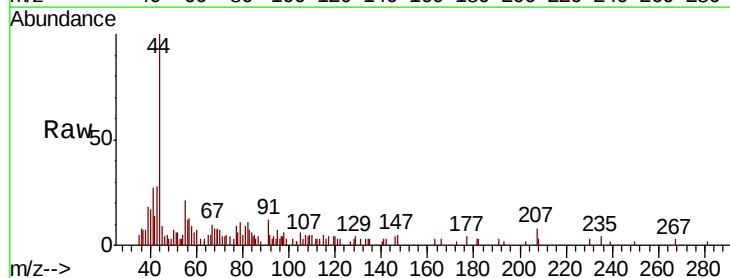
Instrument :
MSVOA_X
ClientSampleId :
VX0831SBL02

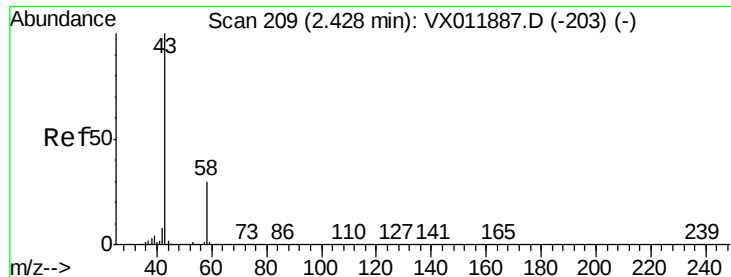
Tgt Ion: 59 Resp: 1161
Ion Ratio Lower Upper
59 100
57 12.8 8.6 12.8



#13
Acrolein
Concen: 1.242 ug/l
RT: 2.28 min Scan# 228
Delta R.T. -0.00 min
Lab File: VX011944.D
Acq: 31 Aug 2019 12:00

Tgt Ion: 56 Resp: 211
Ion Ratio Lower Upper
56 100
55 437.9 58.6 88.0#





#16

Acetone

Concen: 5.325 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.01 min

Lab File: VX011944.D

Acq: 31 Aug 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

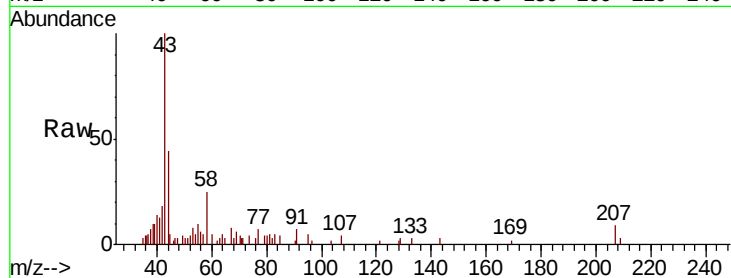
VX0831SBL02

Tgt Ion: 43 Resp: 4066

Ion Ratio Lower Upper

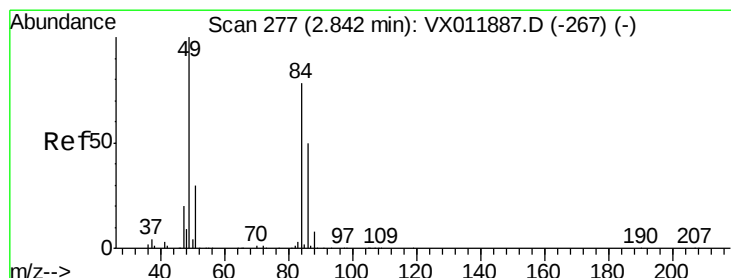
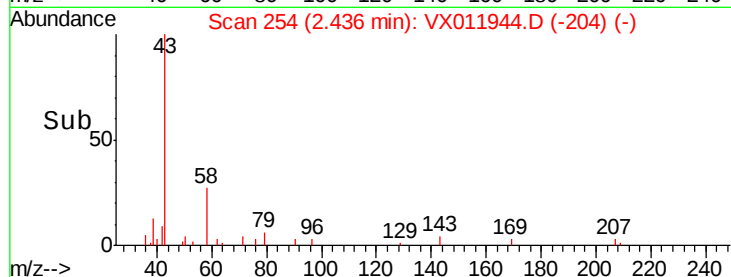
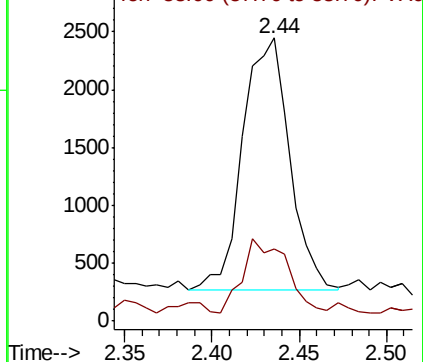
43 100

58 21.4 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: Below Cal

RT: 2.84 min Scan# 321

Delta R.T. 0.00 min

Lab File: VX011944.D

Acq: 31 Aug 2019 12:00

Tgt Ion: 84 Resp: 4967

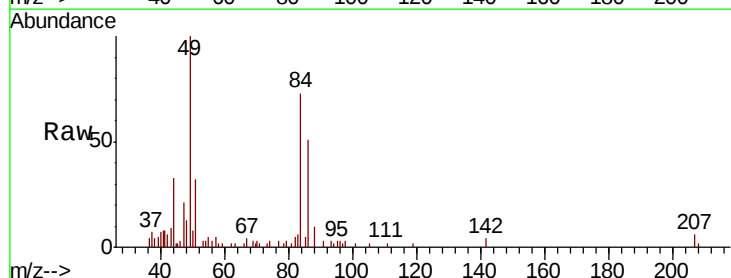
Ion Ratio Lower Upper

84 100

49 134.7 103.0 154.4

51 38.9 30.8 46.2

86 70.5 51.3 76.9

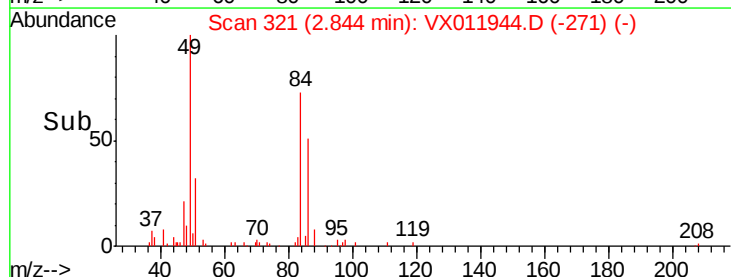
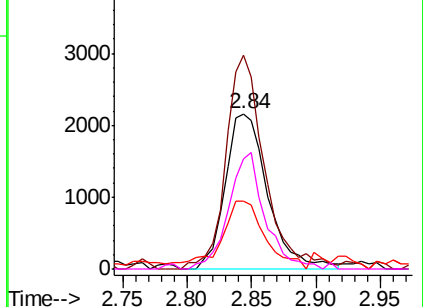


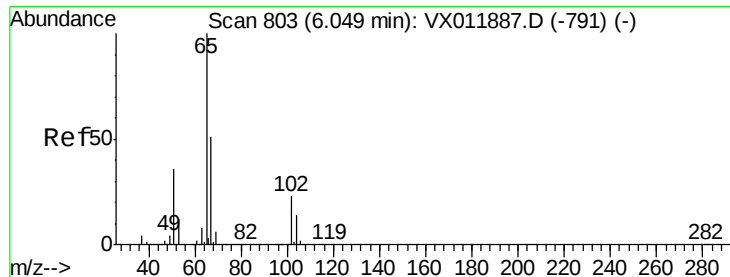
Abundance Ion 83.90 (83.60 to 84.60): VX0

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





#33

1,2-Dichloroethane-d4

Concen: 50.105 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX011944.D

Acq: 31 Aug 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

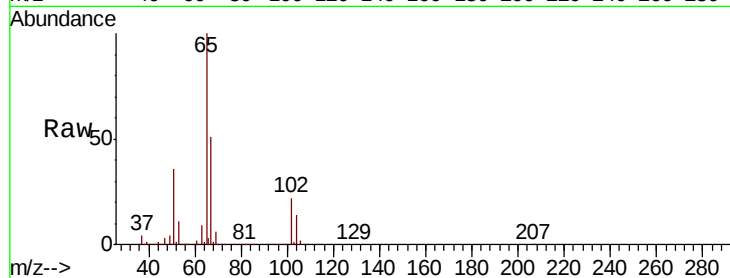
VX0831SBL02

Tgt Ion: 65 Resp: 177824

Ion Ratio Lower Upper

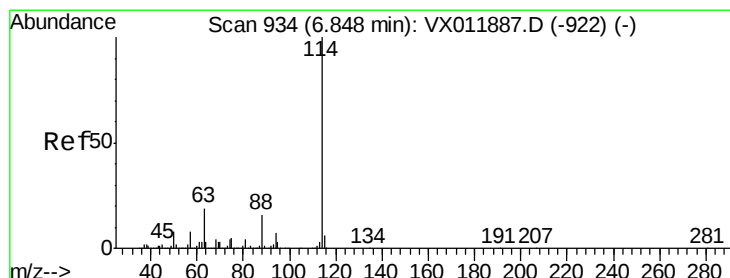
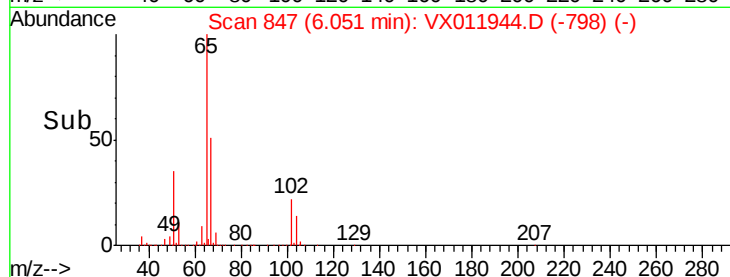
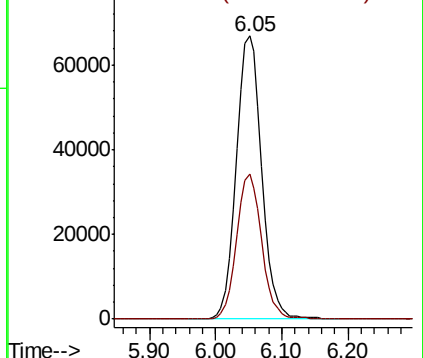
65 100

67 51.0 0.0 102.2



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: VX011944.D

Acq: 31 Aug 2019 12:00

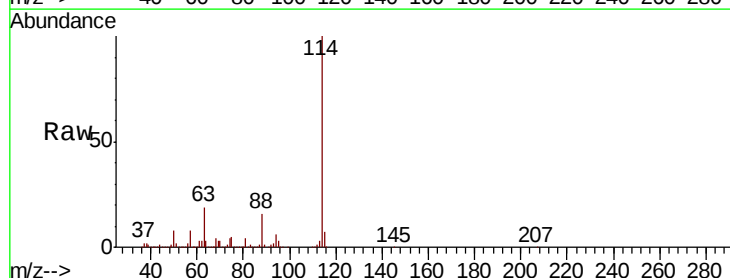
Tgt Ion: 114 Resp: 493208

Ion Ratio Lower Upper

114 100

63 18.5 0.0 38.8

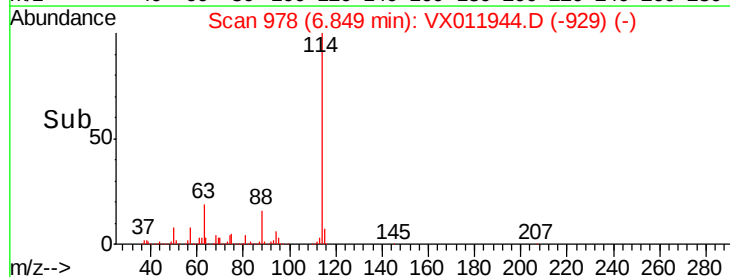
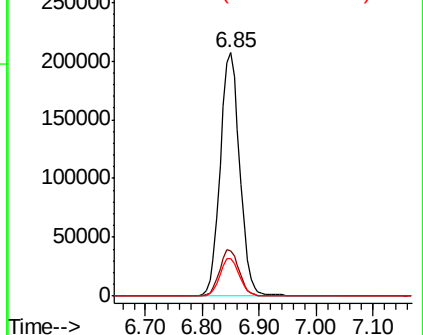
88 15.5 0.0 31.2

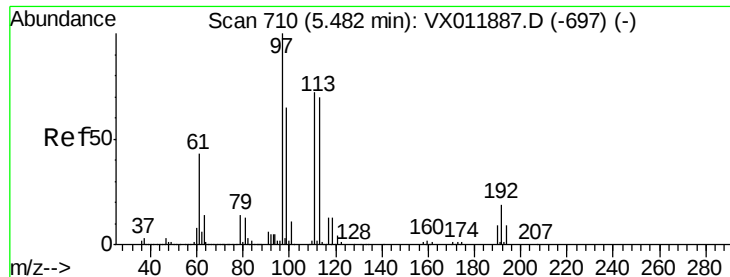


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 53.004 ug/l

RT: 5.48 min Scan# 754

Delta R.T. 0.00 min

Lab File: VX011944.D

Acq: 31 Aug 2019 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX0831SBL02

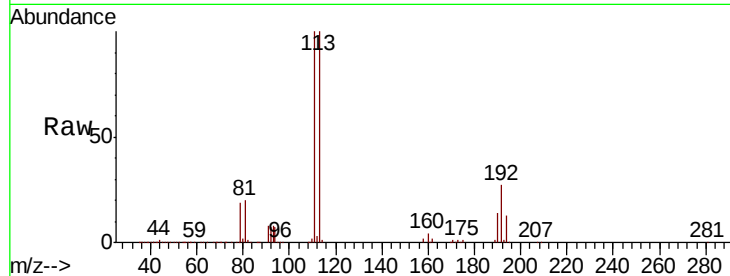
Tgt Ion:113 Resp: 167633

Ion Ratio Lower Upper

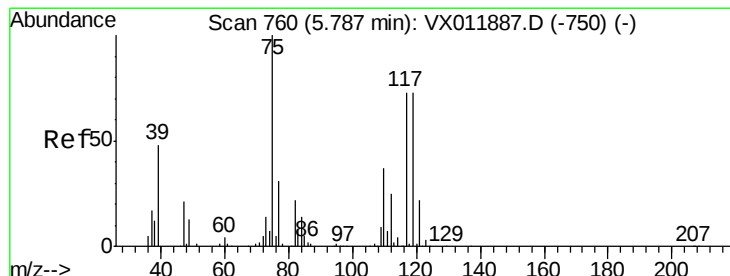
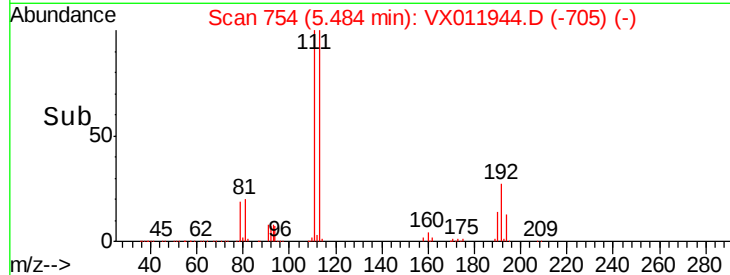
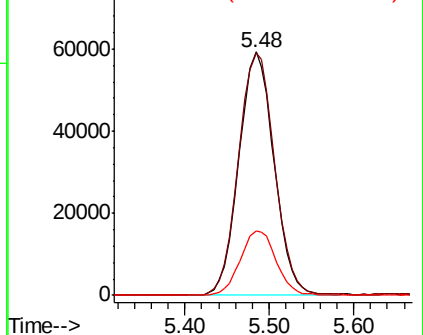
113 100

111 102.5 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: 5.560 ug/l

RT: 5.64 min Scan# 780

Delta R.T. -0.14 min

Lab File: VX011944.D

Acq: 31 Aug 2019 12:00

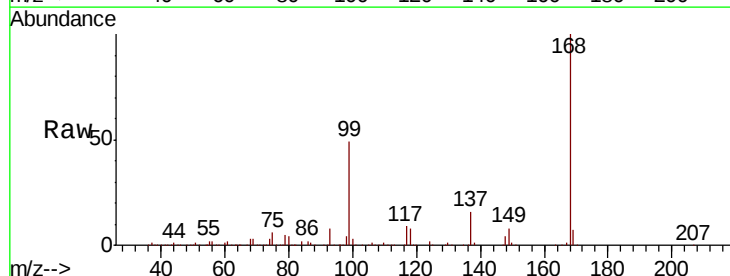
Tgt Ion: 75 Resp: 21726

Ion Ratio Lower Upper

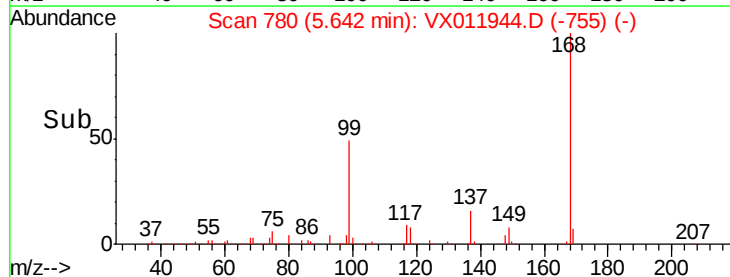
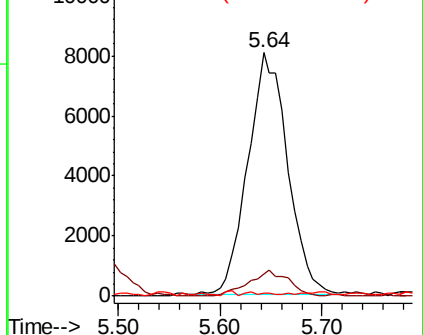
75 100

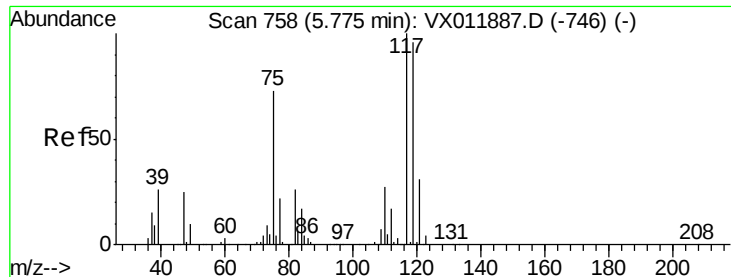
110 10.7 19.1 57.3#

77 1.1 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: 6.902 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX011944.D

Acq: 31 Aug 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0831SBL02

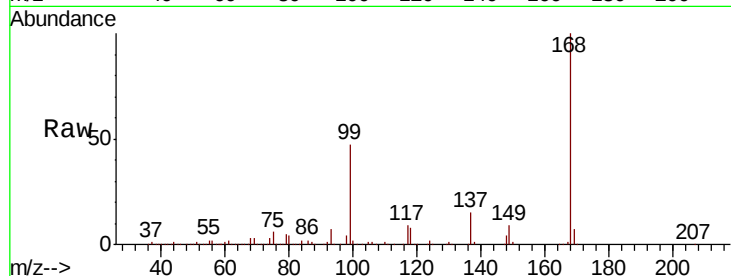
Tgt Ion:117 Resp: 31279

Ion Ratio Lower Upper

117 100

119 5.2 76.6 114.8#

121 0.0 24.7 37.1#

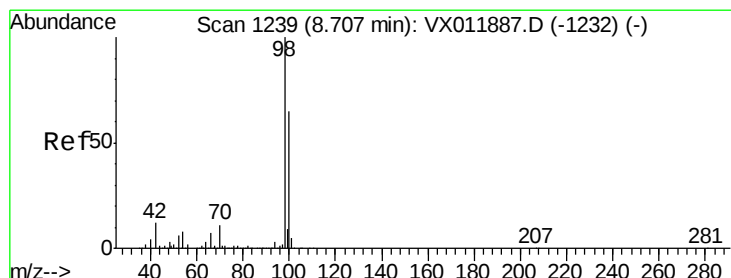
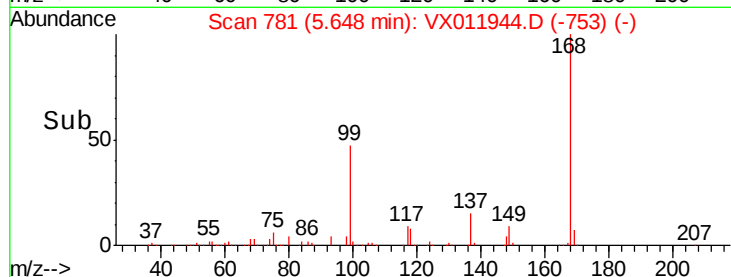
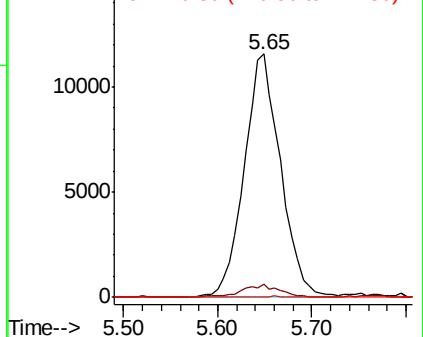


Abundance

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: 54.262 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX011944.D

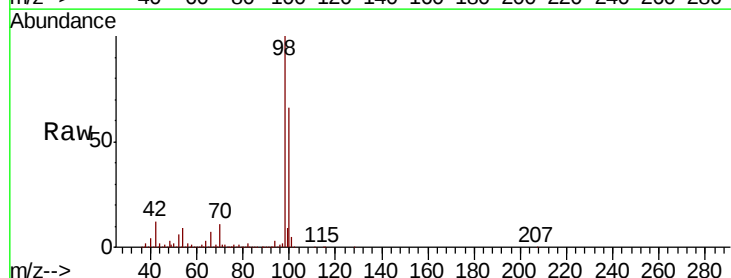
Acq: 31 Aug 2019 12:00

Tgt Ion: 98 Resp: 613454

Ion Ratio Lower Upper

98 100

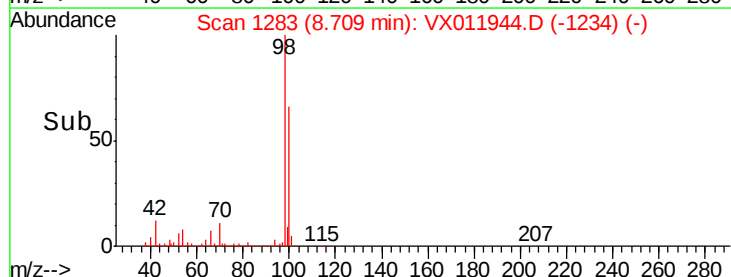
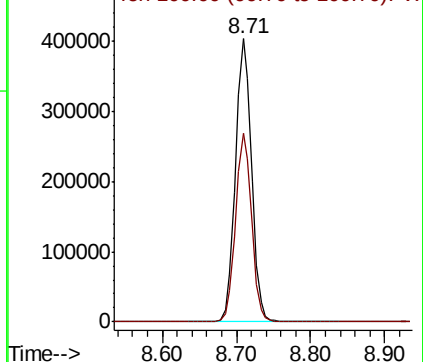
100 66.1 53.0 79.6

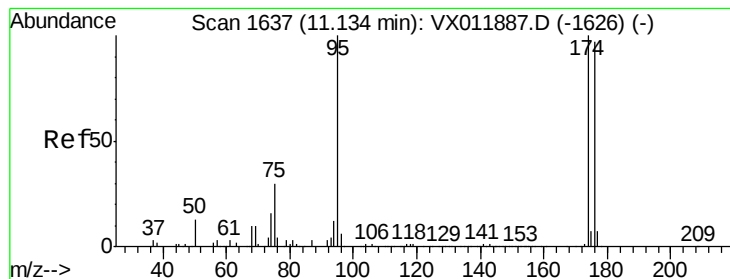


Abundance

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 50.053 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX011944.D

Acq: 31 Aug 2019 12:00

Instrument :

MSVOA_X

ClientSampleId :

VX0831SBL02

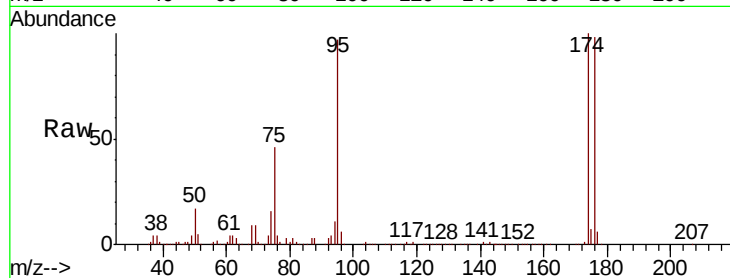
Tgt Ion: 95 Resp: 248227

Ion Ratio Lower Upper

95 100

174 99.2 0.0 196.0

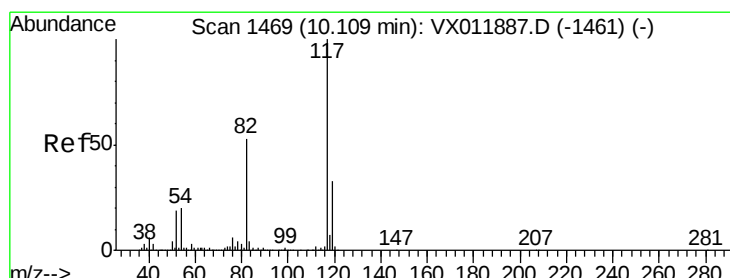
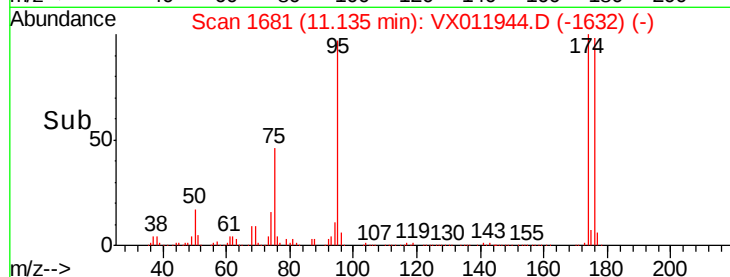
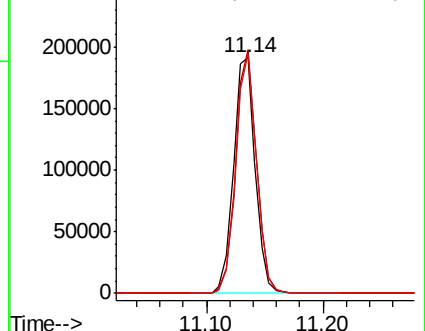
176 97.0 0.0 191.4



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: VX011944.D

Acq: 31 Aug 2019 12:00

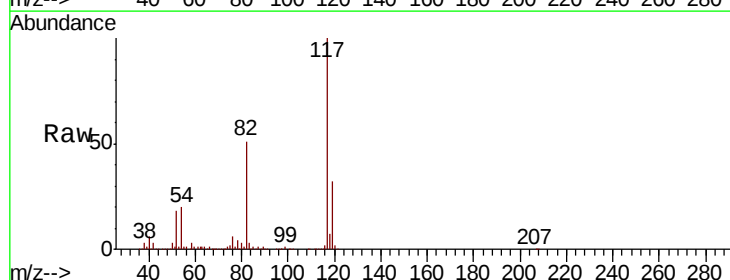
Tgt Ion: 117 Resp: 453585

Ion Ratio Lower Upper

117 100

82 51.2 42.0 63.0

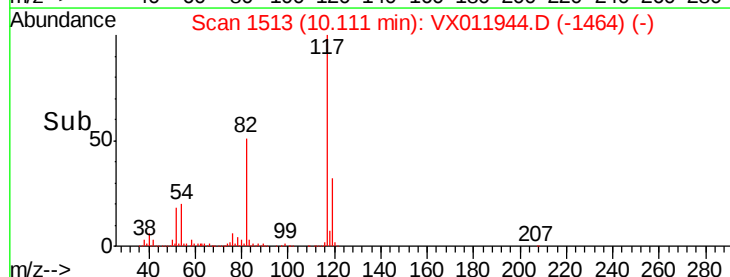
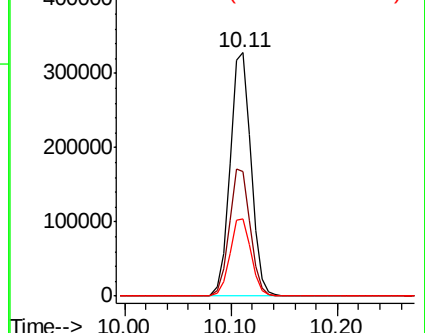
119 31.9 26.2 39.4

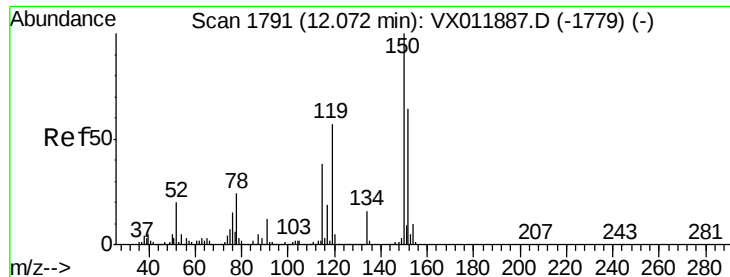


Abundance Ion 116.90 (116.60 to 117.60): VX011887.D (-1461) (-)

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

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



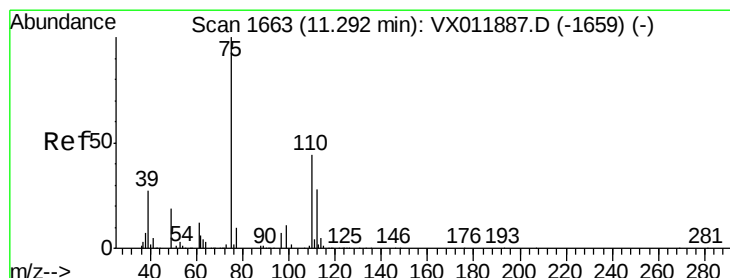
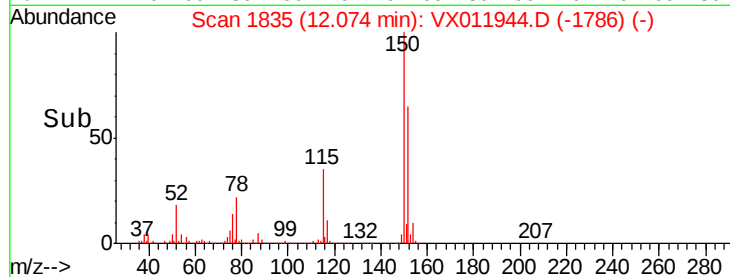
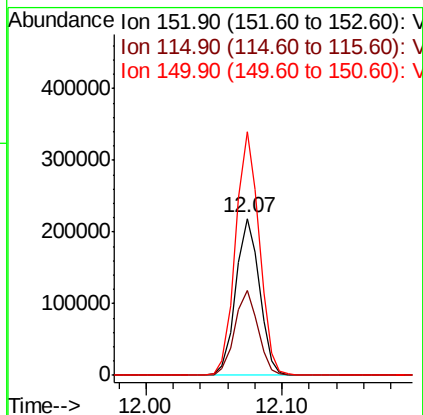
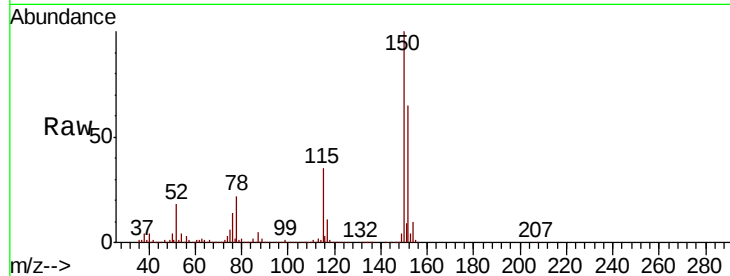


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011944.D
Acq: 31 Aug 2019 12:00

Instrument :
MSVOA_X
ClientSampleId :
VX0831SBL02

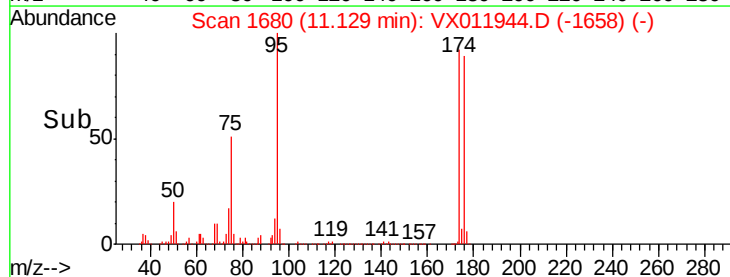
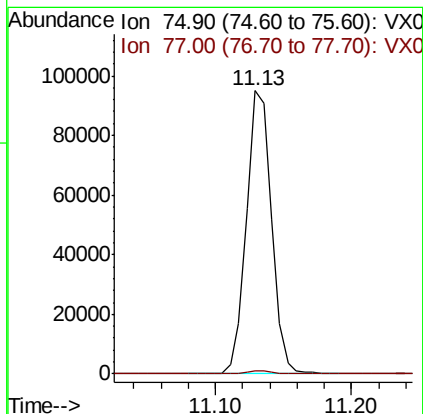
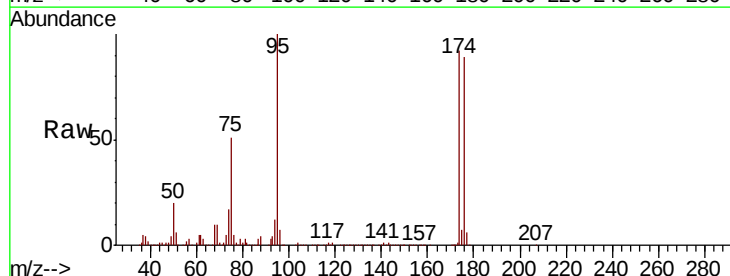
Tgt Ion	Ratio	Lower	Upper
152	100		
115	53.2	37.1	111.3
150	154.4	0.0	339.6

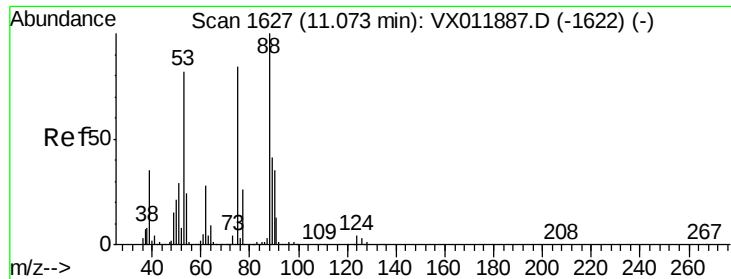


#76

1,2,3-Trichloropropane
Concen: 47.121 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.16 min
Lab File: VX011944.D
Acq: 31 Aug 2019 12:00

Tgt Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.9	62.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.376 ug/l
 RT: 11.13 min Scan# 1680
 Delta R.T. 0.06 min
 Lab File: VX011944.D
 Acq: 31 Aug 2019 12:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0831SBL02

Tgt Ion: 75 Resp: 123236
 Ion Ratio Lower Upper
 75 100
 53 0.2 77.1 115.7#
 89 0.1 38.2 57.2#

