

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083019\
 Data File : VX011921.D
 Acq On : 30 Aug 2019 22:25
 Operator : SY/SP
 Sample : VX0830SBL03
 Misc : 5.00g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0830SBL03

Quant Time: Aug 31 02:37:55 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	5.64	168	342305	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	496461	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	468492	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	266421	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	163167	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
35) Dibromofluoromethane	5.48	113	148517	46.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.30%	
50) Toluene-d8	8.71	98	538265	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
62) 4-Bromofluorobenzene	11.13	95	221387	44.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.70%	

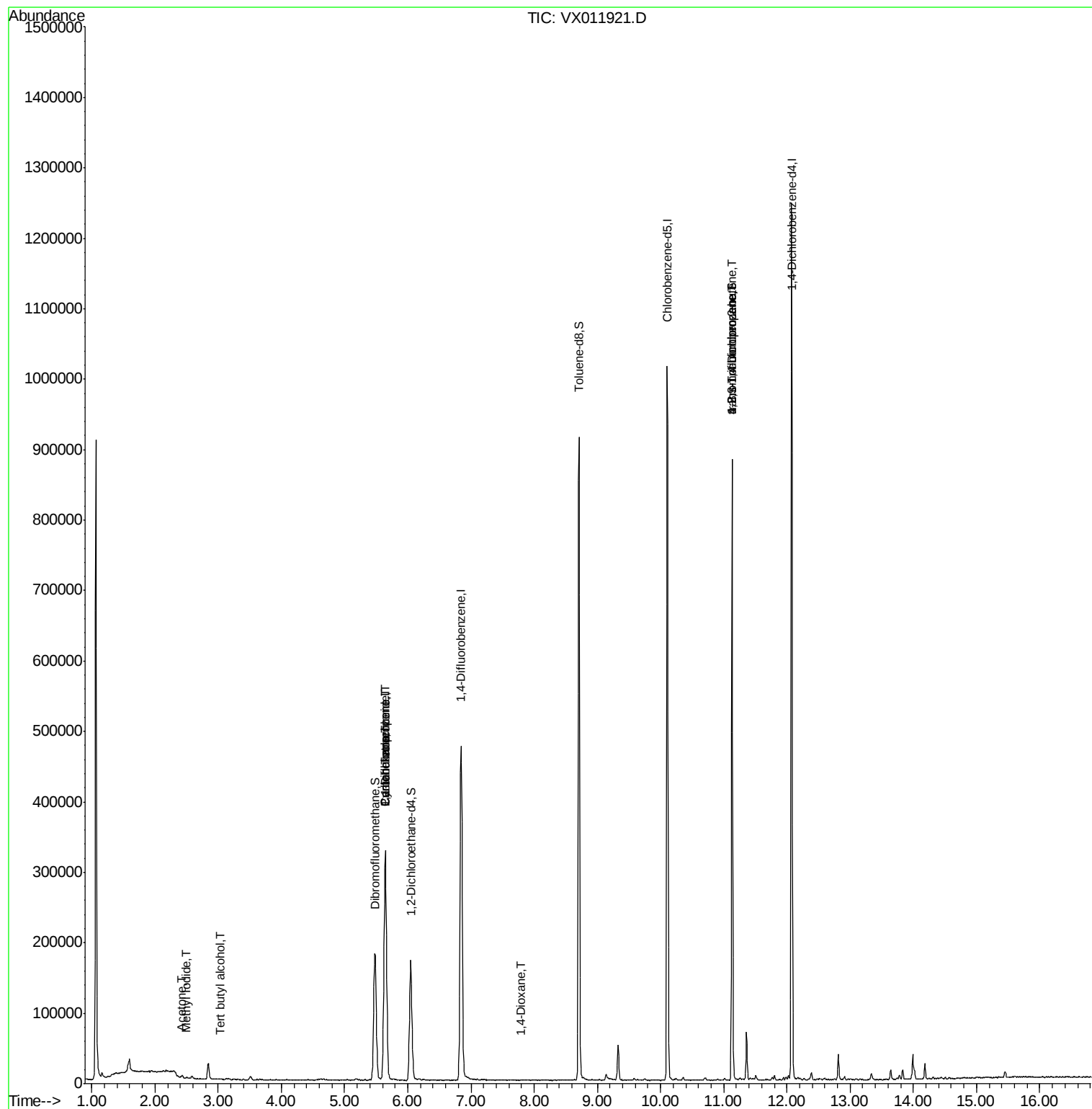
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.50	142	1595	4.199	ug/l #	82
11) Tert butyl alcohol	3.03	59	809	2.564	ug/l #	84
16) Acetone	2.43	43	3800	5.385	ug/l	95
20) Methylene Chloride	2.84	84	11177	Below Cal		92
31) Cyclohexane	5.64	56	5764	1.408	ug/l #	23
36) 1,1-Dichloropropene	5.64	75	21662	5.508	ug/l #	51
38) Carbon Tetrachloride	5.65	117	28996	6.357	ug/l #	15
49) 1,4-Dioxane	7.79	88	40	1.267	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	110924	42.325	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	110924	106.327	ug/l #	11

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

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Operator : SY/SP
Sample : VX0830SBL03
Misc : 5.00g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0830SBL03

Quant Time: Aug 31 02:37:55 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: 5.64 min Scan# 780

Delta R.T. -0.00 min

Lab File: VX011921.D

Acq: 30 Aug 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

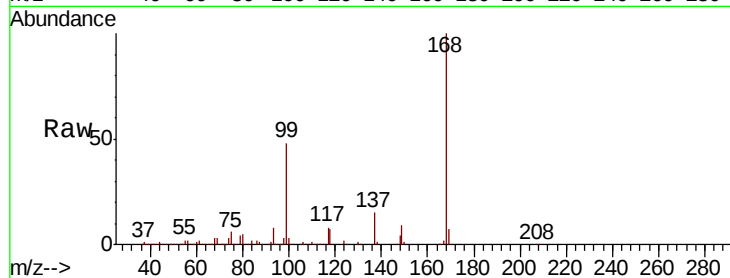
VX0830SBL03

Tgt Ion:168 Resp: 342305

Ion Ratio Lower Upper

168 100

99 47.9 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

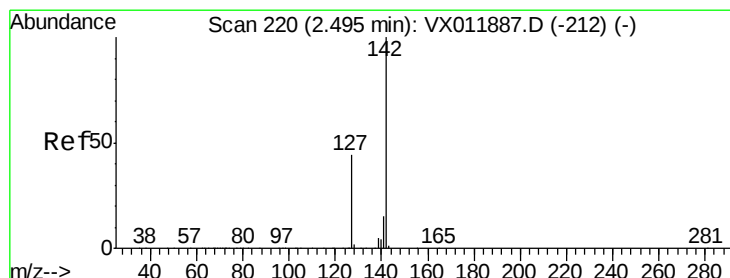
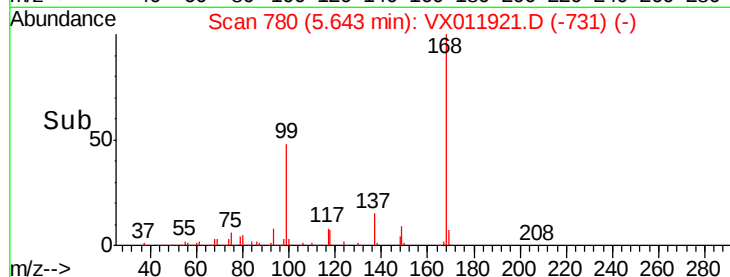
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 4.199 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX011921.D

Acq: 30 Aug 2019 22:25

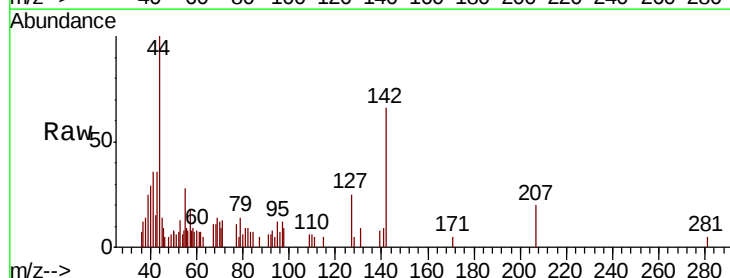
Tgt Ion:142 Resp: 1595

Ion Ratio Lower Upper

142 100

127 57.6 35.7 53.5#

141 19.2 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

2.50

800

600

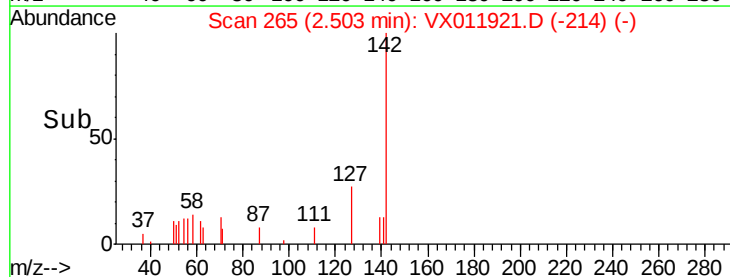
400

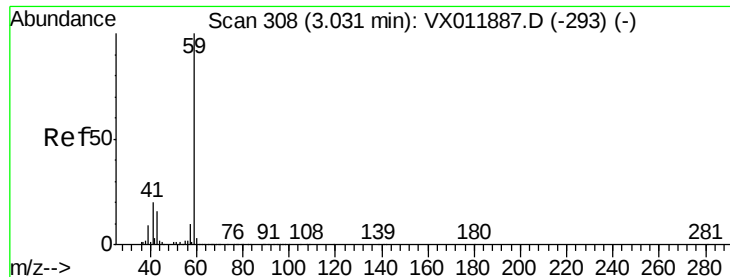
200

0

Time-->

2.45 2.50 2.55 2.60

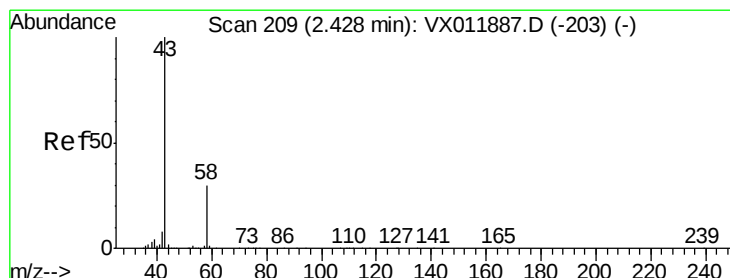
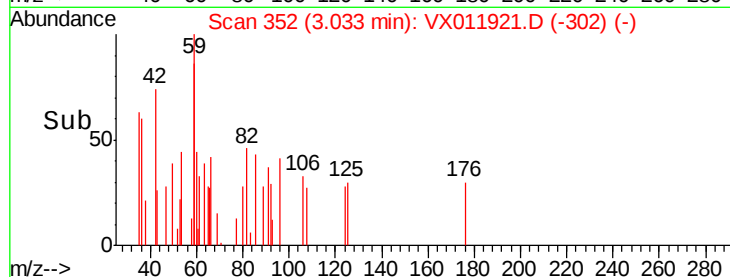
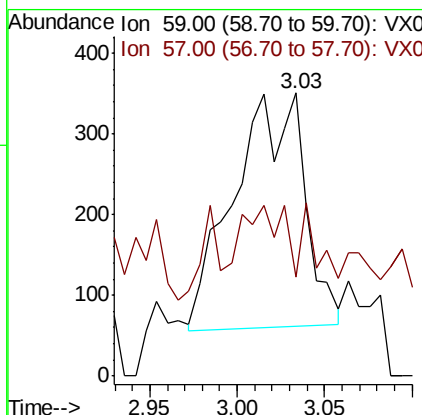
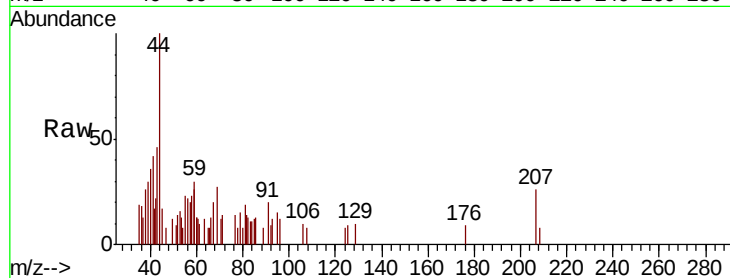




#11
Tert butyl alcohol
Concen: 2.564 ug/l
RT: 3.03 min Scan# 352
Delta R.T. 0.00 min
Lab File: VX011921.D
Acq: 30 Aug 2019 22:25

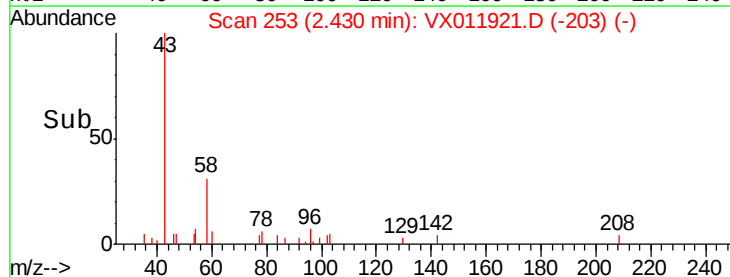
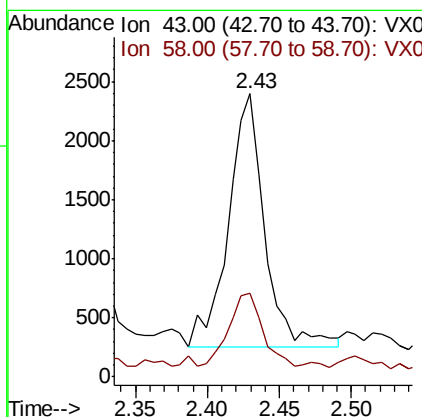
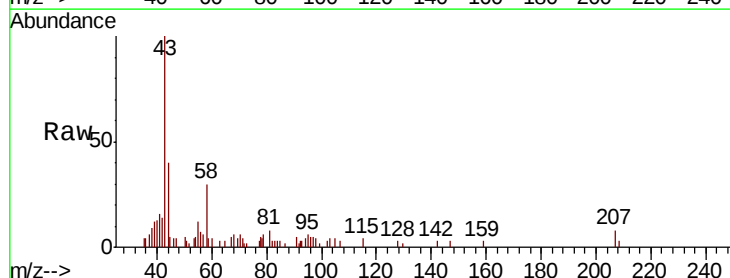
Instrument :
MSVOA_X
ClientSampleId :
VX0830SBL03

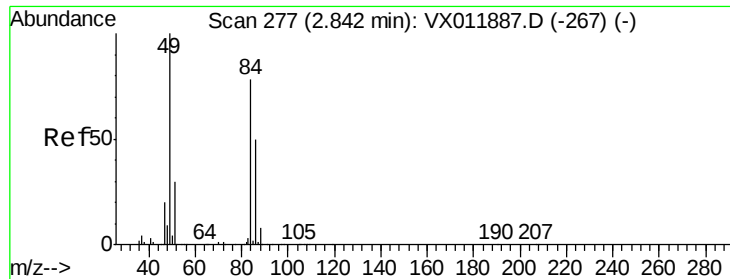
Tgt Ion: 59 Resp: 809
Ion Ratio Lower Upper
59 100
57 16.7 8.6 12.8#



#16
Acetone
Concen: 5.385 ug/l
RT: 2.43 min Scan# 253
Delta R.T. 0.00 min
Lab File: VX011921.D
Acq: 30 Aug 2019 22:25

Tgt Ion: 43 Resp: 3800
Ion Ratio Lower Upper
43 100
58 27.3 23.8 35.8

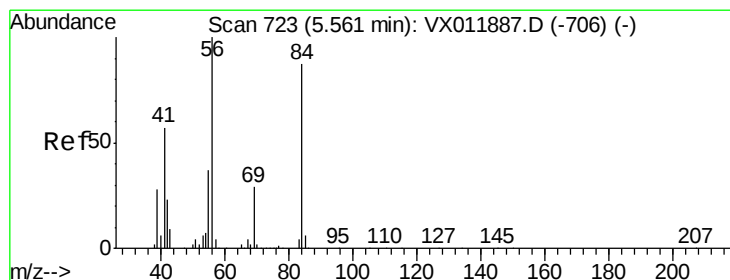
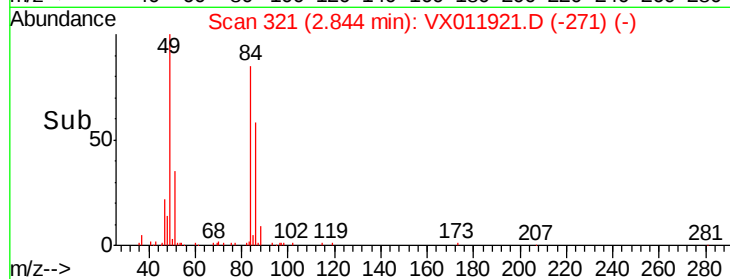
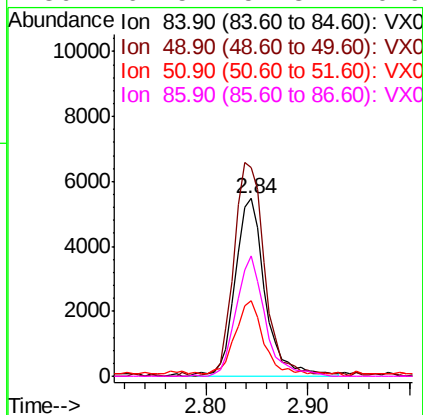
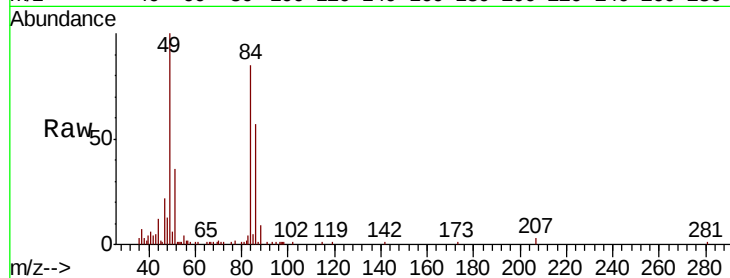




#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX011921.D
Acq: 30 Aug 2019 22:25

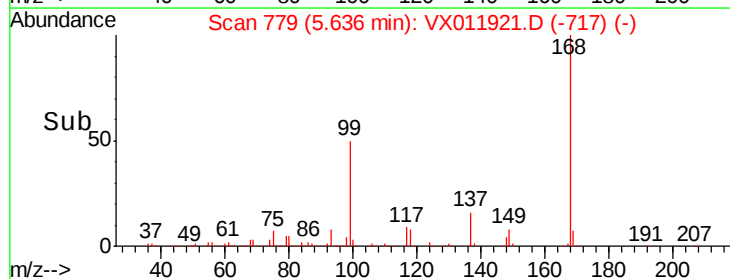
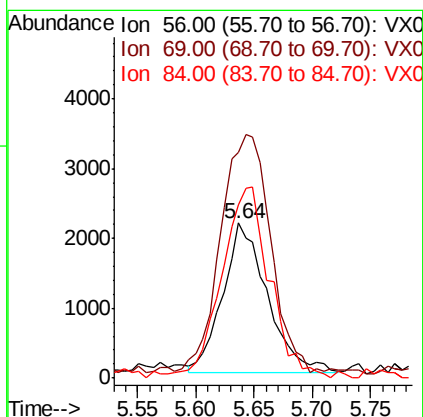
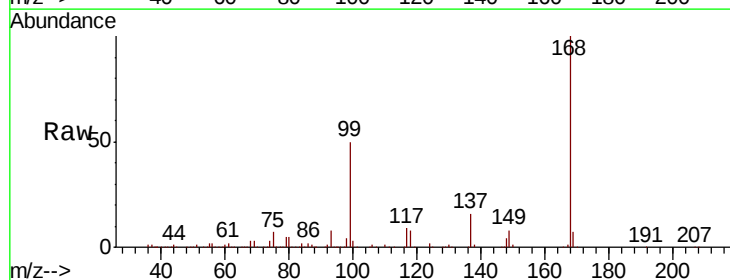
Instrument :
MSVOA_X
ClientSampleId :
VX0830SBL03

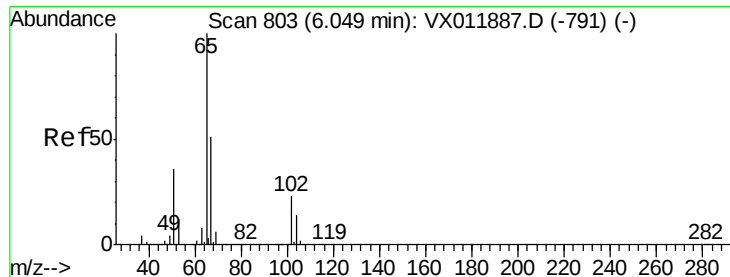
Tgt Ion:	84	Resp:	11177
Ion	Ratio	Lower	Upper
84	100		
49	115.7	103.0	154.4
51	40.9	30.8	46.2
86	67.5	51.3	76.9



#31
Cyclohexane
Concen: 1.408 ug/l
RT: 5.64 min Scan# 779
Delta R.T. 0.08 min
Lab File: VX011921.D
Acq: 30 Aug 2019 22:25

Tgt Ion:	56	Resp:	5764
Ion	Ratio	Lower	Upper
56	100		
69	147.4	23.1	34.7#
84	113.4	69.6	104.4#





#33

1,2-Dichloroethane-d4

Concen: 49.752 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.00 min

Lab File: VX011921.D

Acq: 30 Aug 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

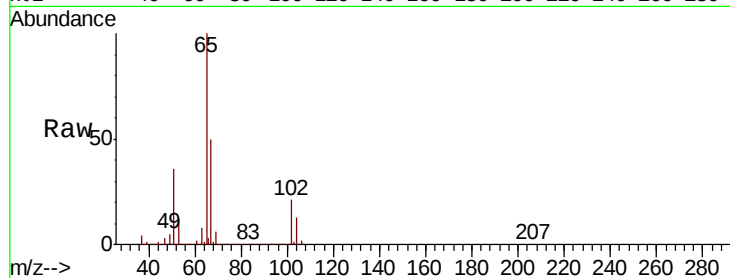
VX0830SBL03

Tgt Ion: 65 Resp: 163167

Ion Ratio Lower Upper

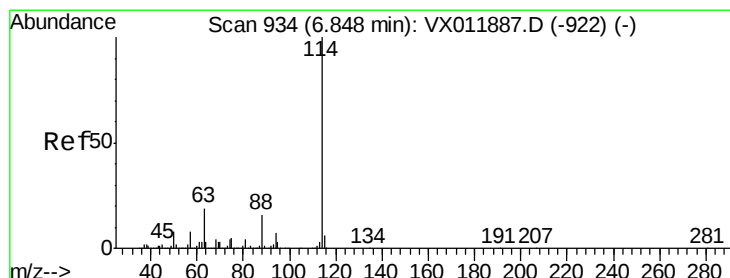
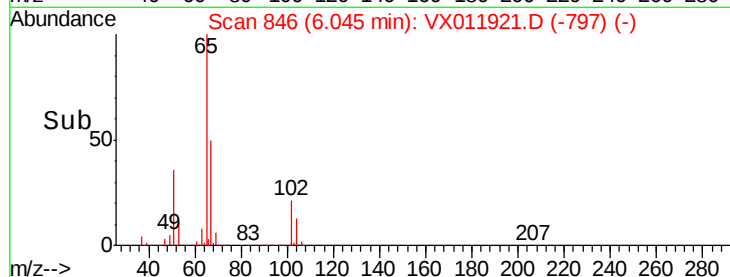
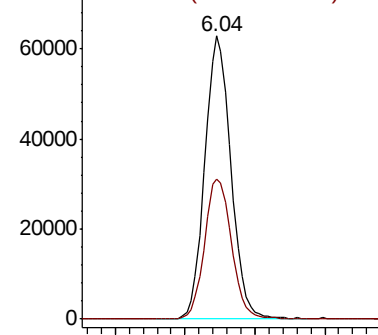
65 100

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: 6.84 min Scan# 977

Delta R.T. -0.00 min

Lab File: VX011921.D

Acq: 30 Aug 2019 22:25

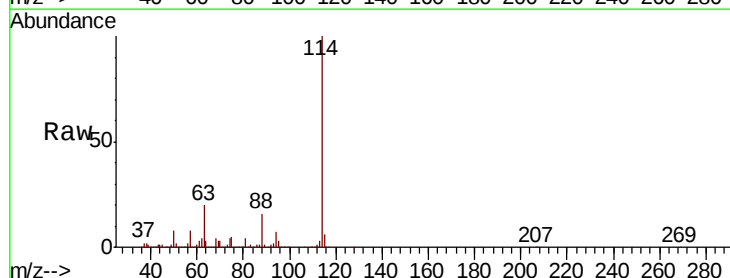
Tgt Ion: 114 Resp: 496461

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.8

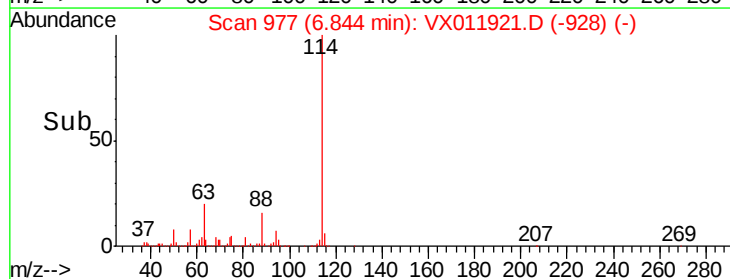
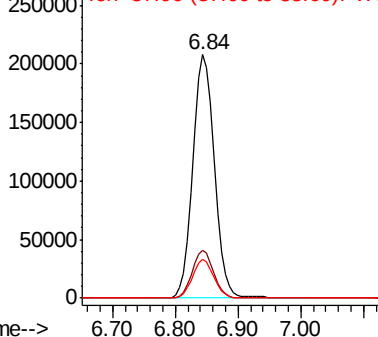
88 15.9 0.0 31.2

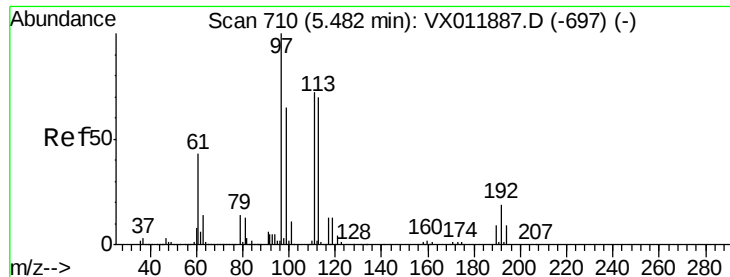


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.652 ug/l

RT: 5.48 min Scan# 753

Delta R.T. -0.00 min

Lab File: VX011921.D

Acq: 30 Aug 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

VX0830SBL03

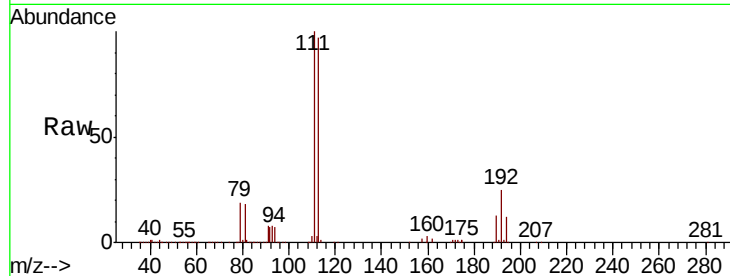
Tgt Ion:113 Resp: 148517

Ion Ratio Lower Upper

113 100

111 102.6 82.1 123.1

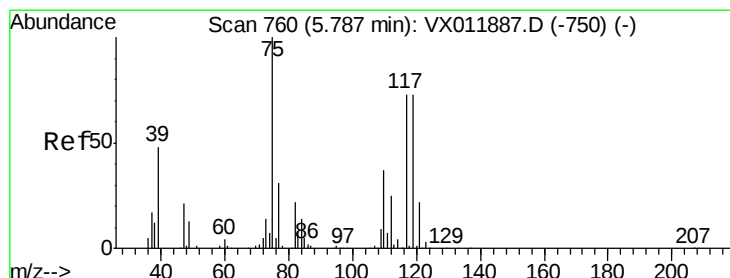
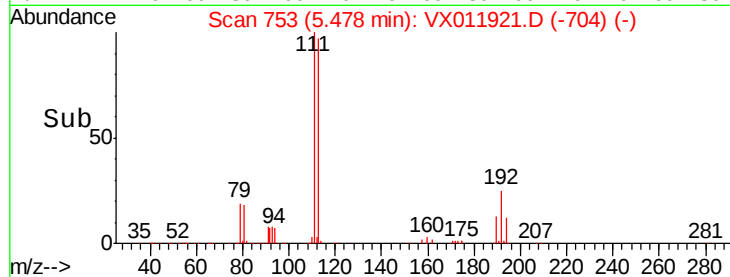
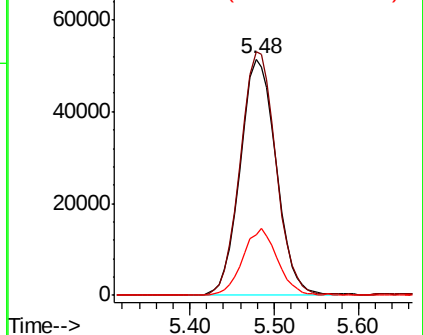
192 27.3 21.5 32.3



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: 5.508 ug/l

RT: 5.64 min Scan# 779

Delta R.T. -0.15 min

Lab File: VX011921.D

Acq: 30 Aug 2019 22:25

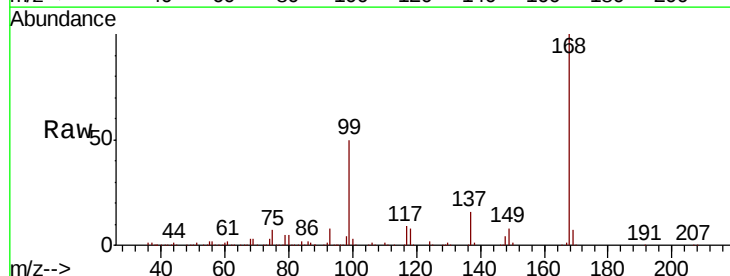
Tgt Ion: 75 Resp: 21662

Ion Ratio Lower Upper

75 100

110 11.3 19.1 57.3#

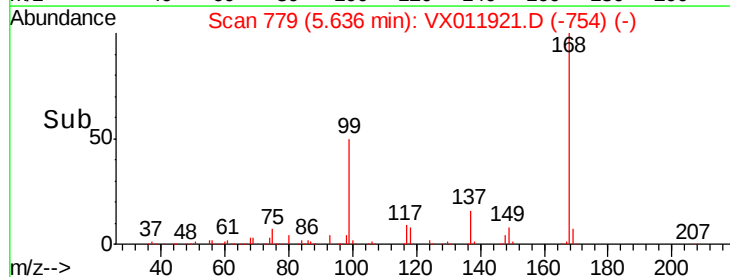
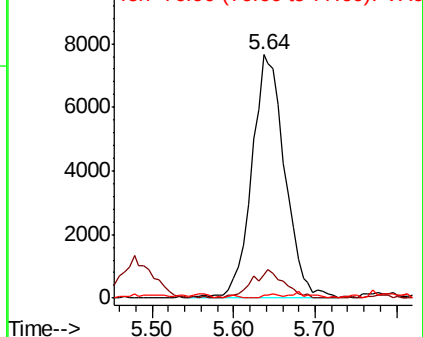
77 0.8 24.4 36.6#

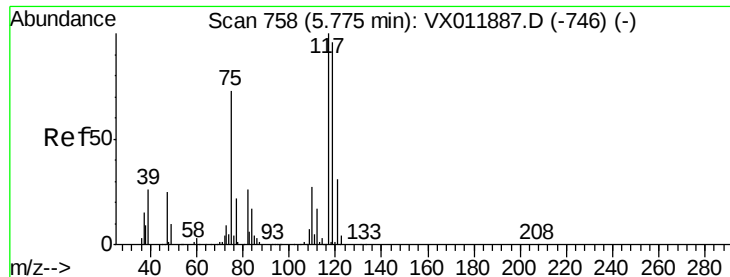


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 6.357 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX011921.D

Acq: 30 Aug 2019 22:25

Instrument :

MSVOA_X

ClientSampled :

VX0830SBL03

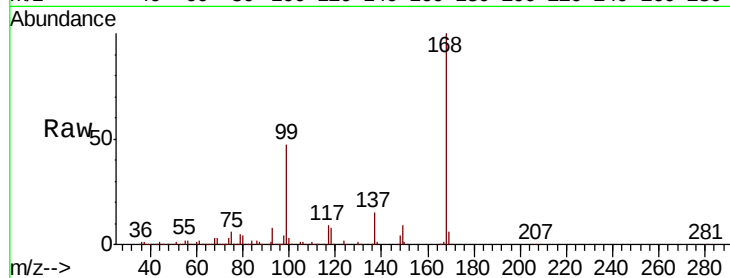
Tgt Ion: 117 Resp: 28996

Ion Ratio Lower Upper

117 100

119 3.3 76.6 114.8#

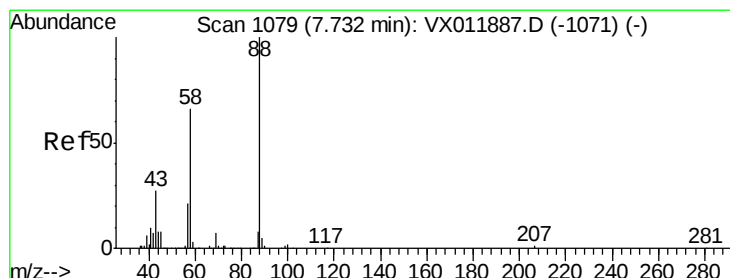
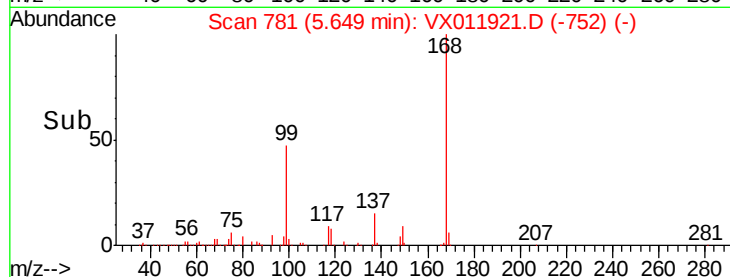
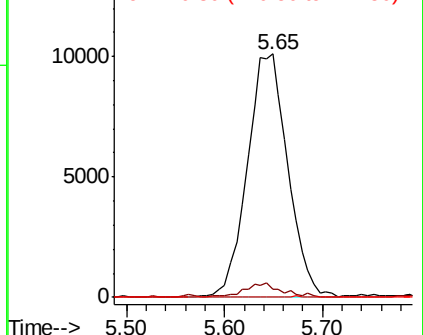
121 0.0 24.7 37.1#



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



#49

1,4-Dioxane

Concen: 1.267 ug/l

RT: 7.79 min Scan# 1133

Delta R.T. 0.06 min

Lab File: VX011921.D

Acq: 30 Aug 2019 22:25

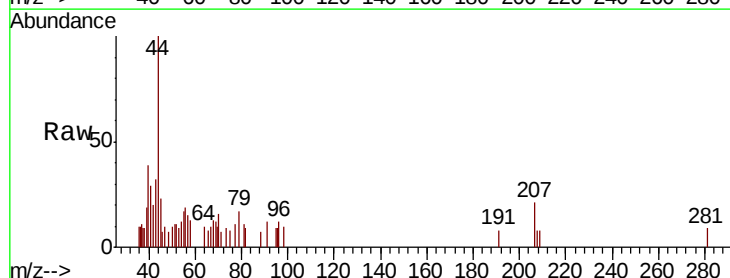
Tgt Ion: 88 Resp: 40

Ion Ratio Lower Upper

88 100

43 410.0 27.3 40.9#

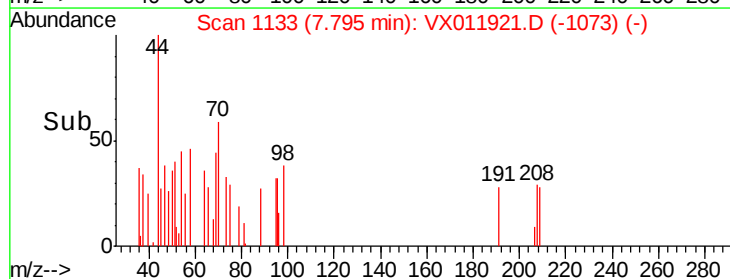
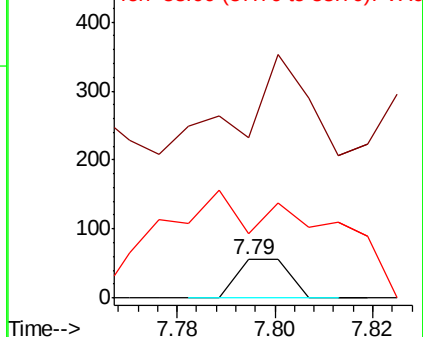
58 890.0 53.9 80.9#

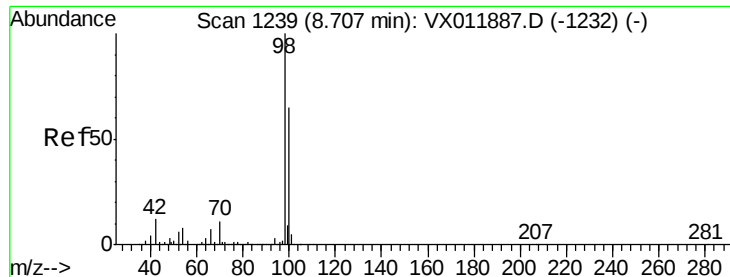


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

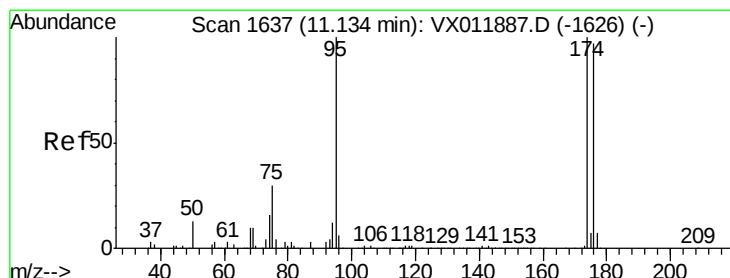
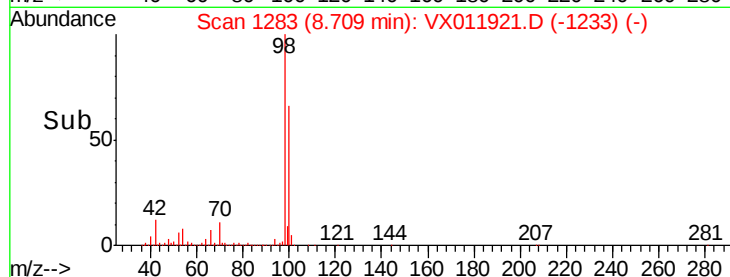
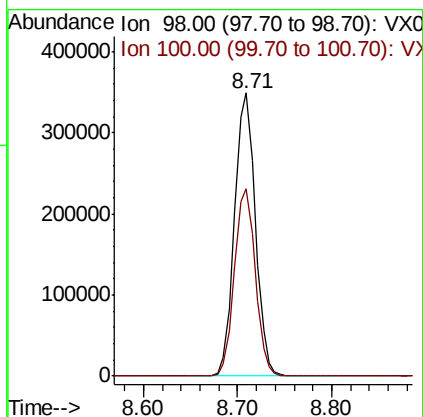
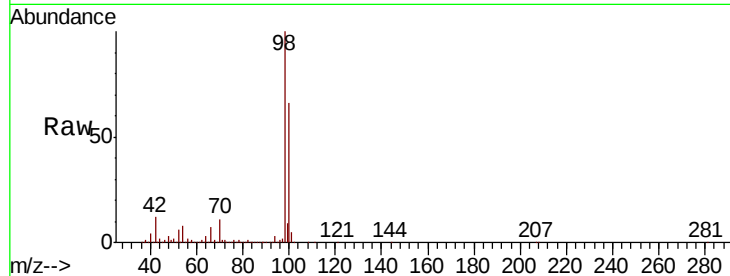




#50
Toluene-d8
Concen: 47.299 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011921.D
Acq: 30 Aug 2019 22:25

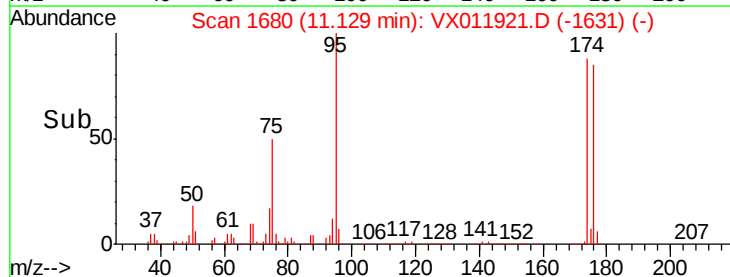
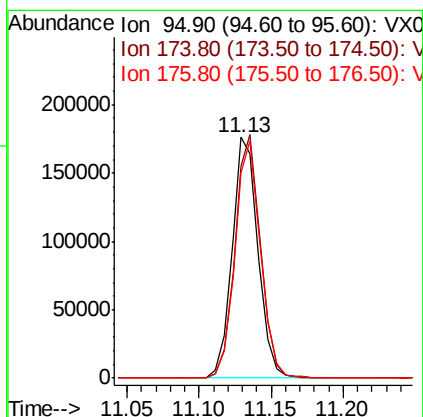
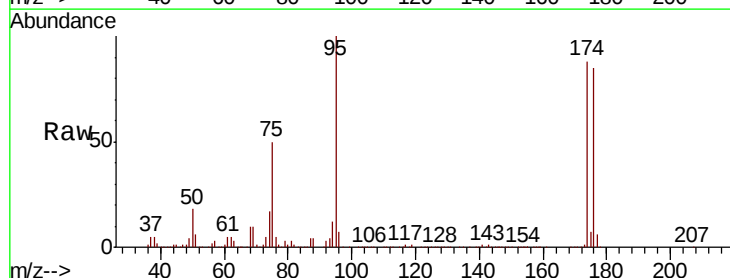
Instrument :
MSVOA_X
ClientSampleId :
VX0830SBL03

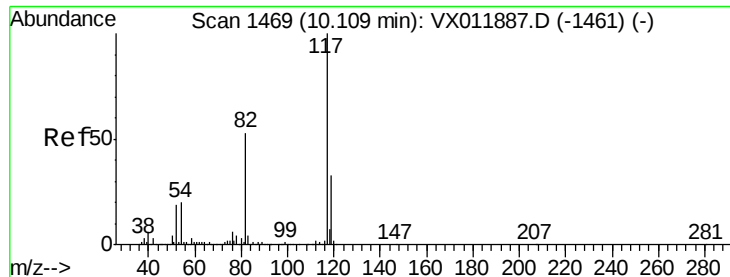
Tgt Ion: 98 Resp: 538265
Ion Ratio Lower Upper
98 100
100 66.4 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 44.348 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.00 min
Lab File: VX011921.D
Acq: 30 Aug 2019 22:25

Tgt Ion: 95 Resp: 221387
Ion Ratio Lower Upper
95 100
174 99.5 0.0 196.0
176 96.6 0.0 191.4

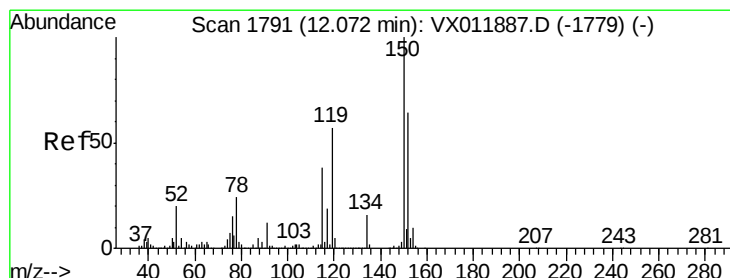
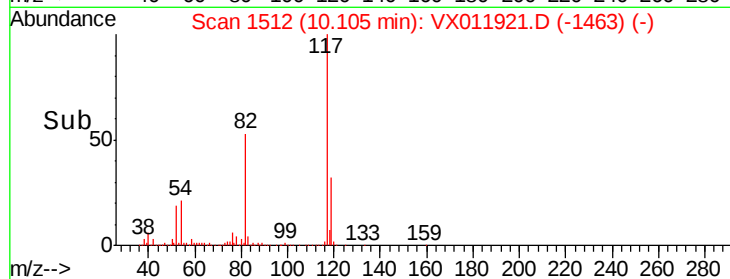
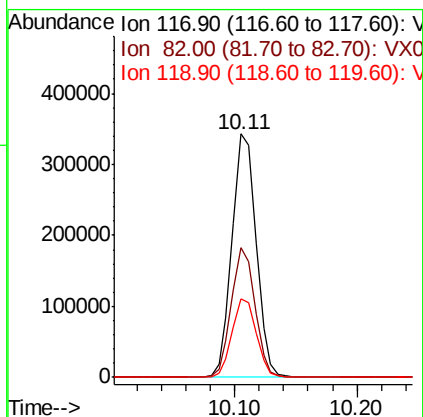
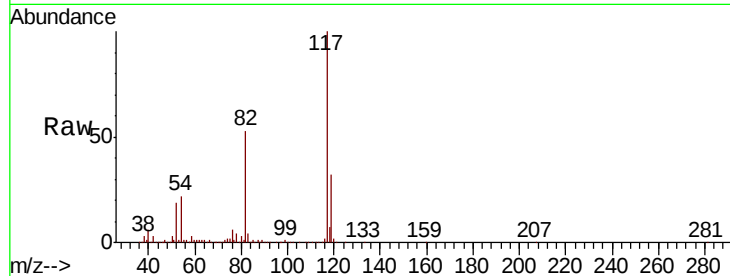




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1512
Delta R.T. -0.00 min
Lab File: VX011921.D
Acq: 30 Aug 2019 22:25

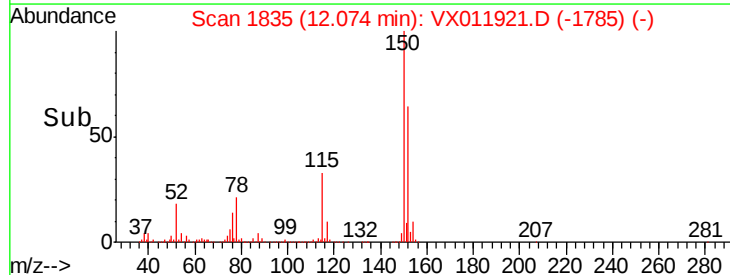
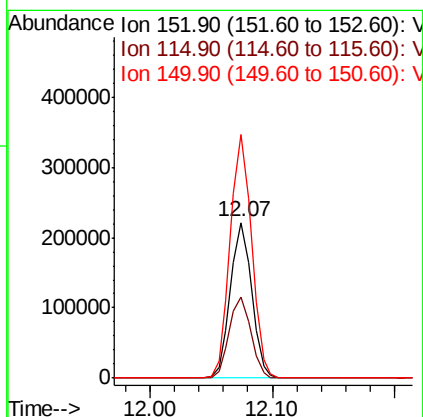
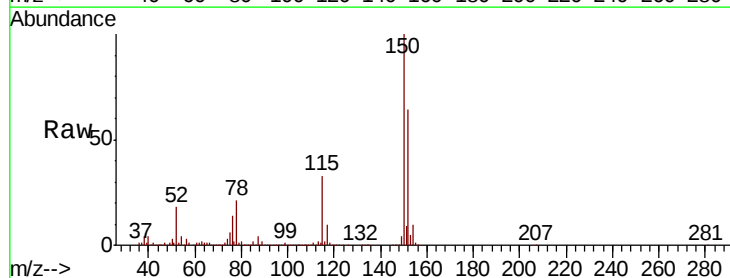
Instrument :
MSVOA_X
ClientSampleId :
VX0830SBL03

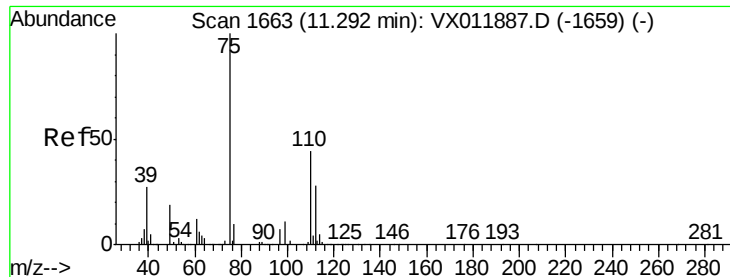
Tgt Ion:117 Resp: 468492
Ion Ratio Lower Upper
117 100
82 53.2 42.0 63.0
119 32.1 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011921.D
Acq: 30 Aug 2019 22:25

Tgt Ion:152 Resp: 266421
Ion Ratio Lower Upper
152 100
115 53.0 37.1 111.3
150 156.7 0.0 339.6





#76

1,2,3-Trichloropropane

Concen: 42.325 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.16 min

Lab File: VX011921.D

Acq: 30 Aug 2019 22:25

Instrument :

MSVOA_X

ClientSampleId :

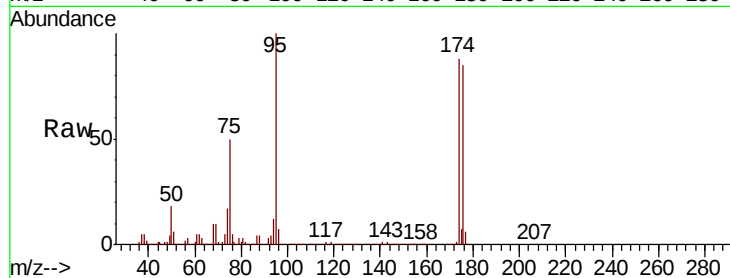
VX0830SBL03

Tgt Ion: 75 Resp: 110924

Ion Ratio Lower Upper

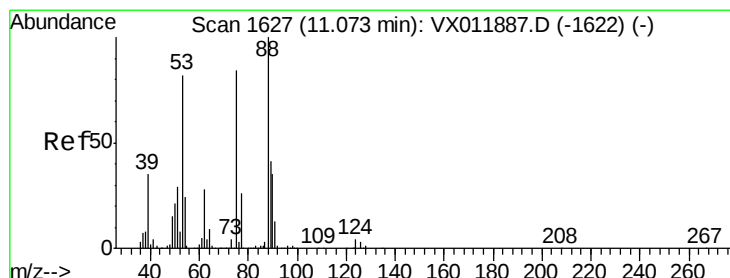
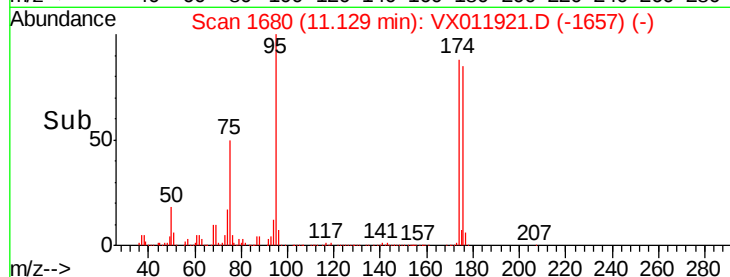
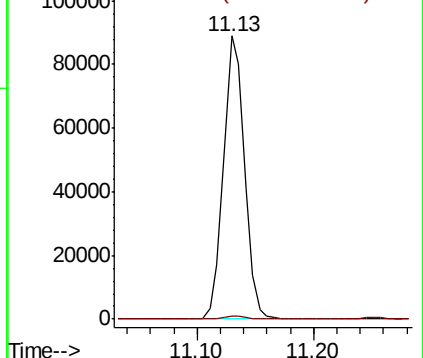
75 100

77 1.4 20.9 62.7#



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: 106.327 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.06 min

Lab File: VX011921.D

Acq: 30 Aug 2019 22:25

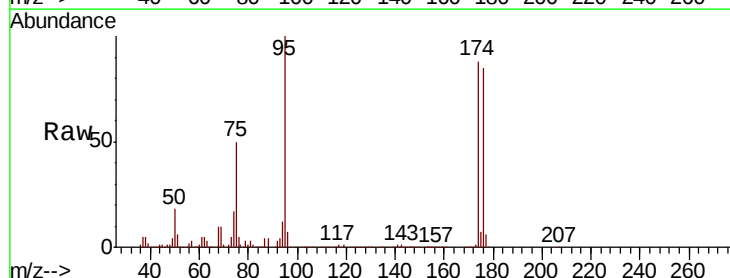
Tgt Ion: 75 Resp: 110924

Ion Ratio Lower Upper

75 100

53 0.0 77.1 115.7#

89 0.0 38.2 57.2#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0

