

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX083019\
 Data File : VX011929.D
 Acq On : 31 Aug 2019 02:20
 Operator : SY/SP
 Sample : K4472-20
 Misc : 5.14g/5.0mL/MSVOA_X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

Quant Time: Aug 31 04:50:01 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	233058	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	306155	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	264603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	132683	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	96892	43.39	ug/l	0.00
Spiked Amount			Recovery	=	86.78%	
35) Dibromofluoromethane	5.48	113	89516	45.60	ug/l	0.00
Spiked Amount			Recovery	=	91.20%	
50) Toluene-d8	8.71	98	341795	48.70	ug/l	0.00
Spiked Amount			Recovery	=	97.40%	
62) 4-Bromofluorobenzene	11.13	95	124133	40.32	ug/l	0.00
Spiked Amount			Recovery	=	80.64%	

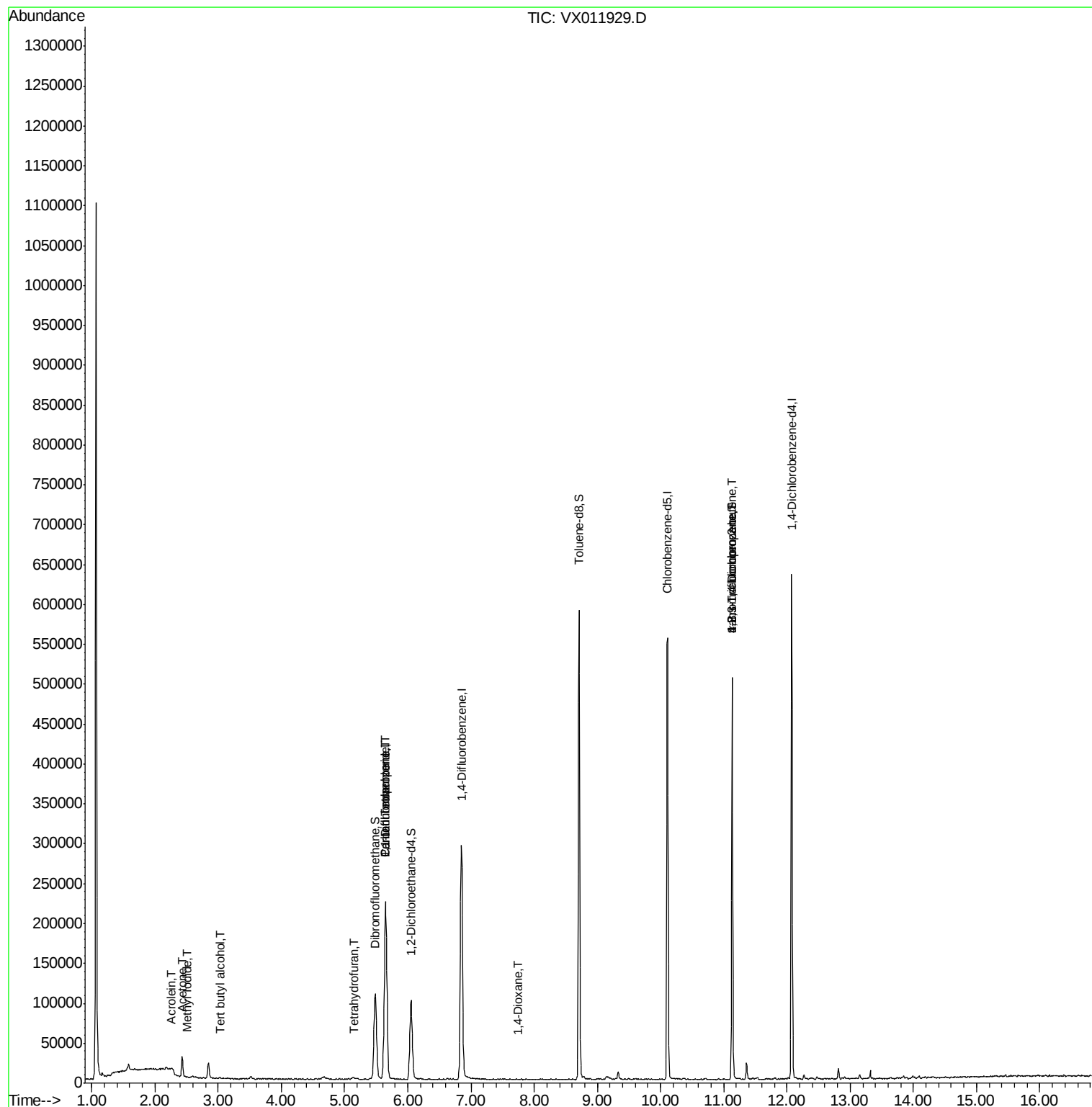
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.50	142	380	3.859	ug/l #	82
11) Tert butyl alcohol	3.03	59	1462	6.806	ug/l	99
13) Acrolein	2.27	56	255	2.385	ug/l #	71
16) Acetone	2.43	43	27185	56.585	ug/l	99
20) Methylene Chloride	2.85	84	9295	Below Cal		93
29) Tetrahydrofuran	5.14	42	1811	4.147	ug/l #	43
36) 1,1-Dichloropropene	5.65	75	14552	6.000	ug/l #	52
38) Carbon Tetrachloride	5.65	117	20616	7.329	ug/l #	17
49) 1,4-Dioxane	7.75	88	23	1.181	ug/l #	1
76) 1,2,3-Trichloropropane	11.13	75	61560	47.165	ug/l #	36
81) trans-1,4-Dichloro-2-buten	11.13	75	61560	118.487	ug/l #	11

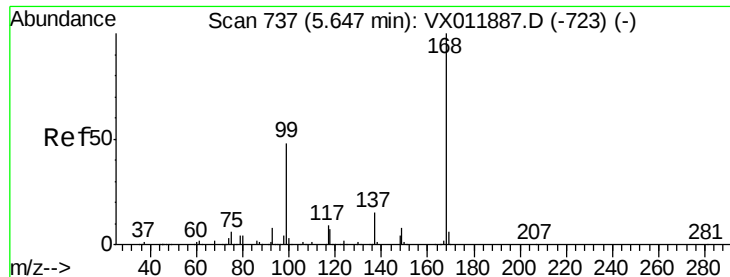
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX083019\
Data File : VX011929.D
Acq On : 31 Aug 2019 02:20
Operator : SY/SP
Sample : K4472-20
Misc : 5.14g/5.0mL/MSVOA_X/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BFB

Quant Time: Aug 31 04:50:01 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: VX011929.D

Acq: 31 Aug 2019 02:20

Instrument :

MSVOA_X

ClientSampled :

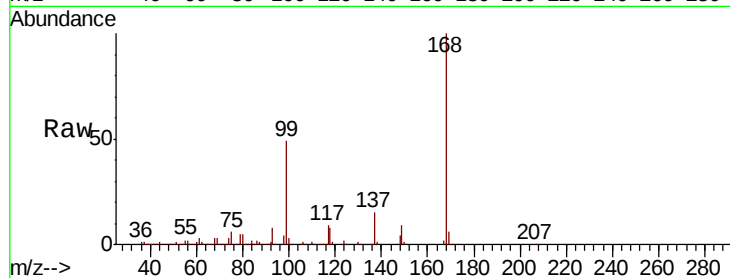
BFB

Tgt Ion:168 Resp: 233058

Ion Ratio Lower Upper

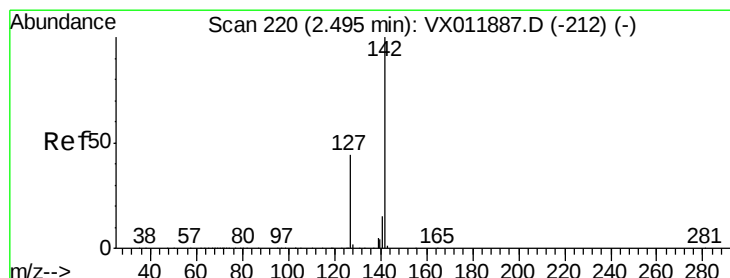
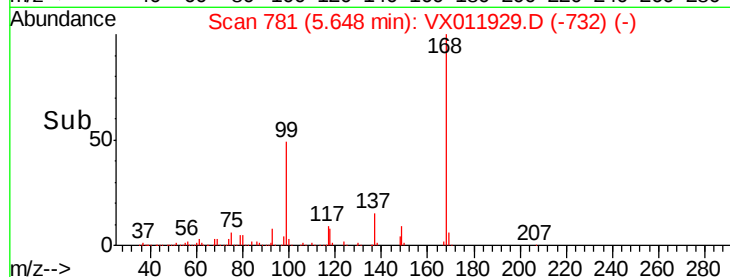
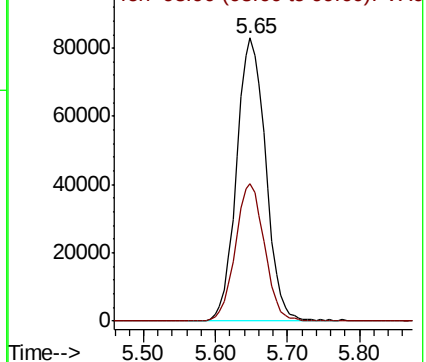
168 100

99 48.6 38.4 57.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#10

Methyl Iodide

Concen: 3.859 ug/l

RT: 2.50 min Scan# 265

Delta R.T. 0.01 min

Lab File: VX011929.D

Acq: 31 Aug 2019 02:20

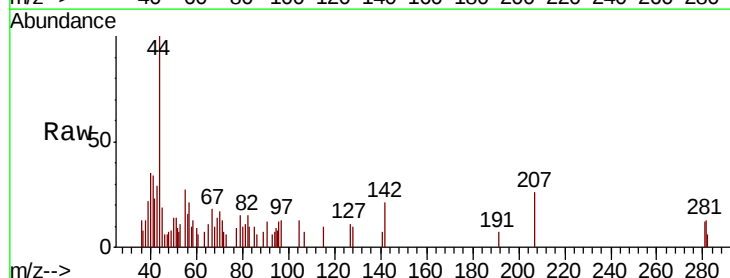
Tgt Ion:142 Resp: 380

Ion Ratio Lower Upper

142 100

127 30.3 35.7 53.5#

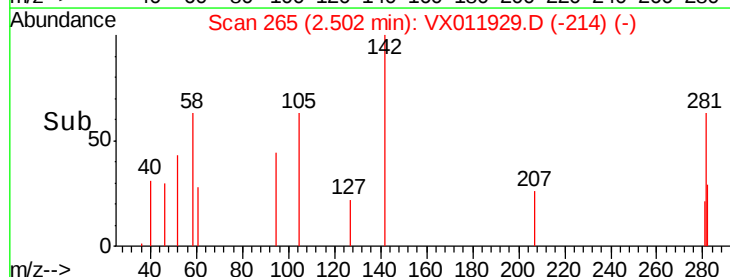
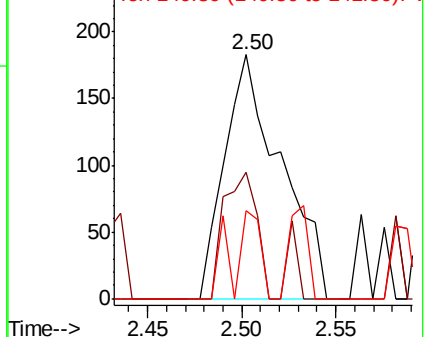
141 17.9 11.8 17.6#

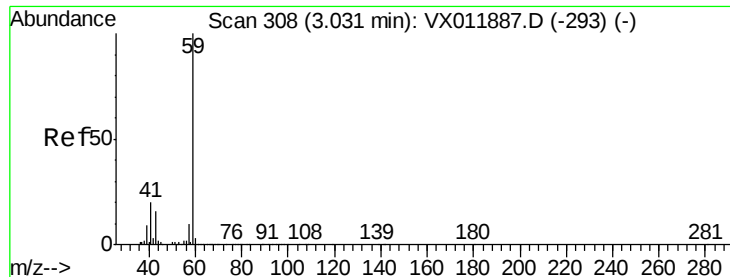


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 6.806 ug/l

RT: 3.03 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX011929.D

Acq: 31 Aug 2019 02:20

Instrument :

MSVOA_X

ClientSampled :

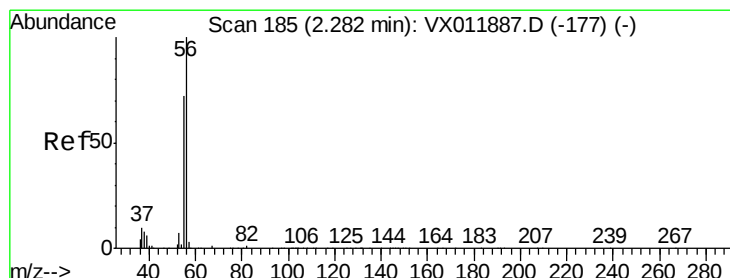
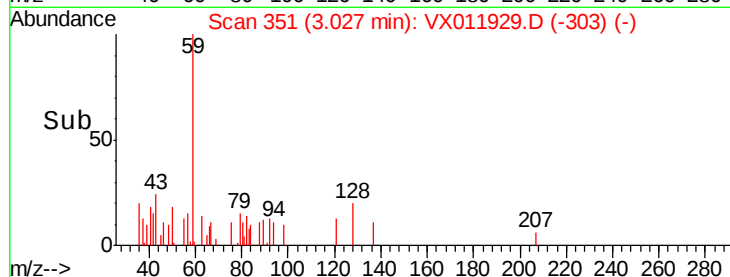
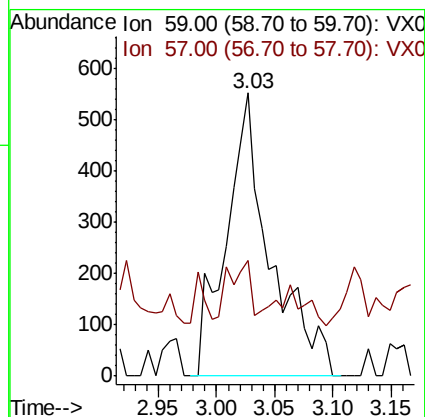
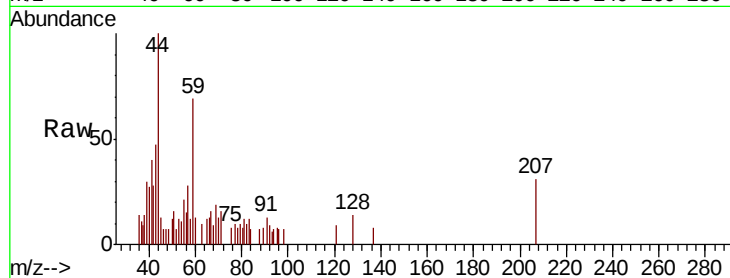
BFB

Tgt Ion: 59 Resp: 1462

Ion Ratio Lower Upper

59 100

57 10.9 8.6 12.8



#13

Acrolein

Concen: 2.385 ug/l

RT: 2.27 min Scan# 227

Delta R.T. -0.01 min

Lab File: VX011929.D

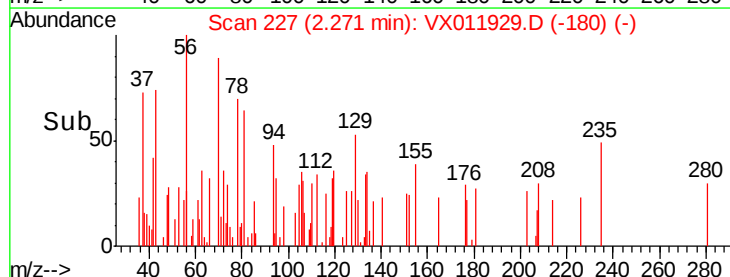
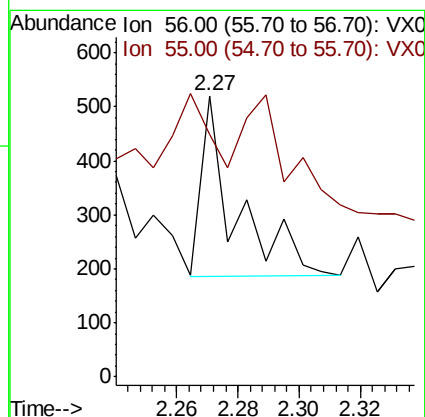
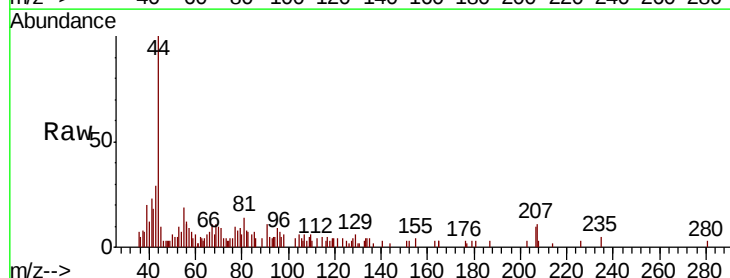
Acq: 31 Aug 2019 02:20

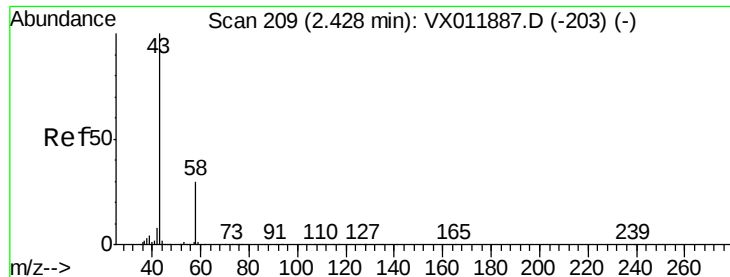
Tgt Ion: 56 Resp: 255

Ion Ratio Lower Upper

56 100

55 97.6 58.6 88.0#





#16

Acetone

Concen: 56.585 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX011929.D

Acq: 31 Aug 2019 02:20

Instrument :

MSVOA_X

ClientSampleId :

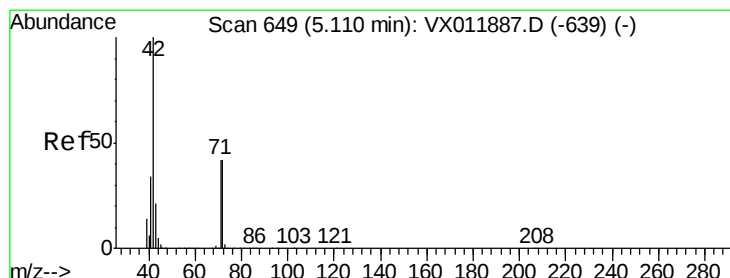
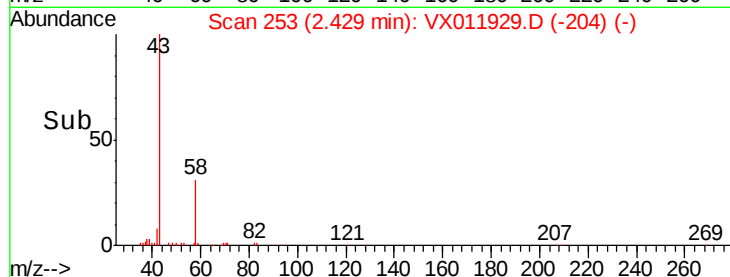
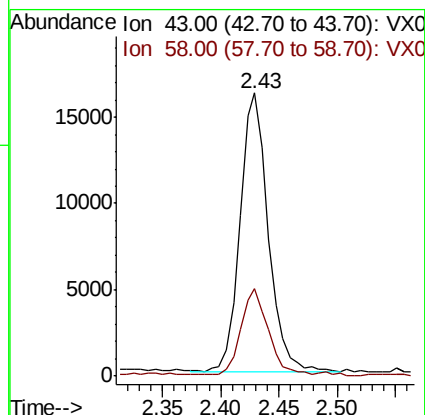
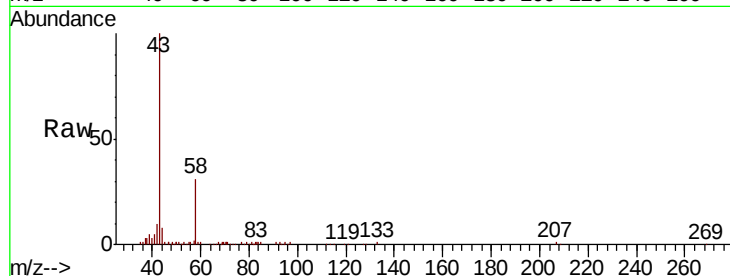
BFB

Tgt Ion: 43 Resp: 27185

Ion Ratio Lower Upper

43 100

58 30.6 23.8 35.8



#29

Tetrahydrofuran

Concen: 4.147 ug/l

RT: 5.14 min Scan# 698

Delta R.T. 0.03 min

Lab File: VX011929.D

Acq: 31 Aug 2019 02:20

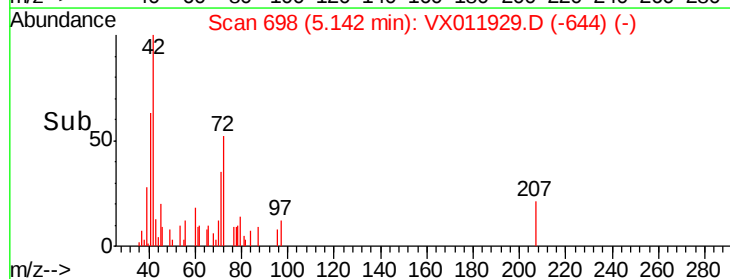
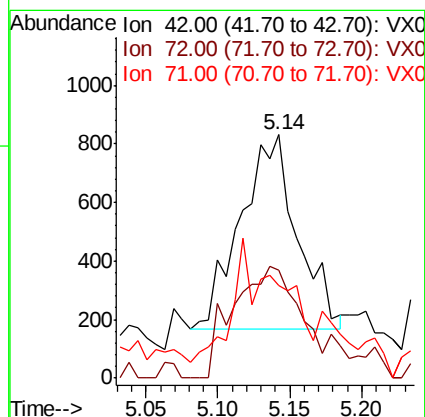
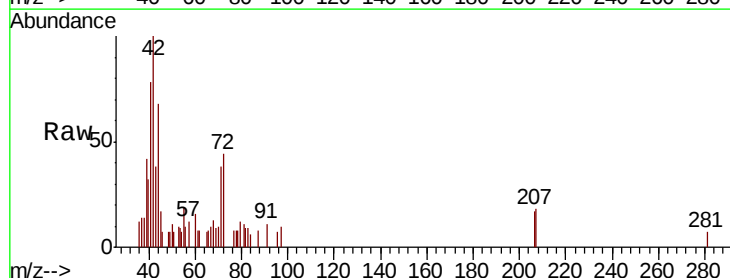
Tgt Ion: 42 Resp: 1811

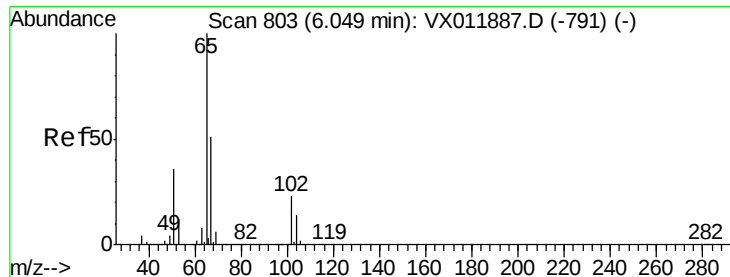
Ion Ratio Lower Upper

42 100

72 77.7 36.2 54.4#

71 0.0 33.1 49.7#

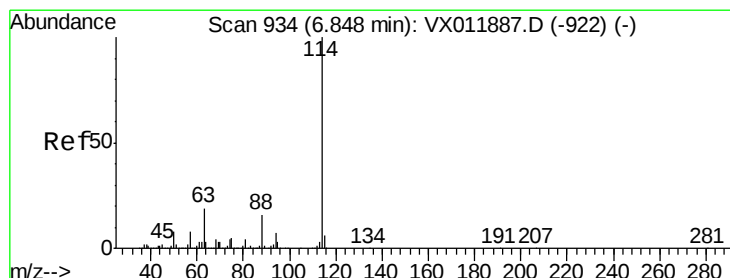
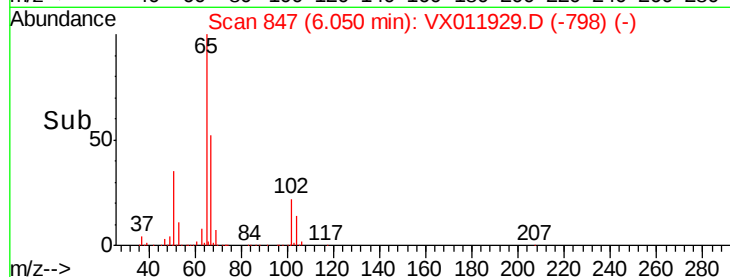
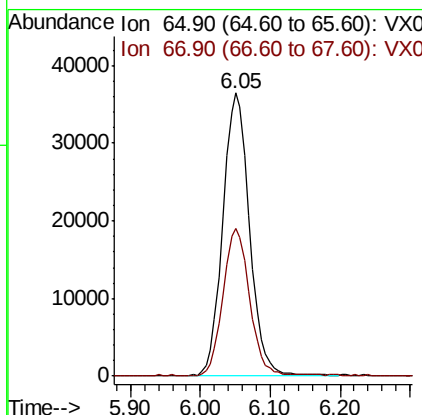
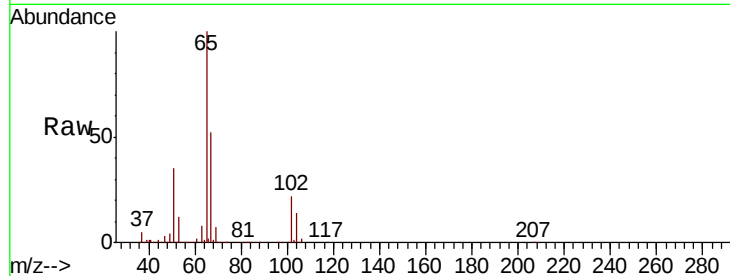




#33
 1,2-Dichloroethane-d4
 Concen: 43.392 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX011929.D
 Acq: 31 Aug 2019 02:20

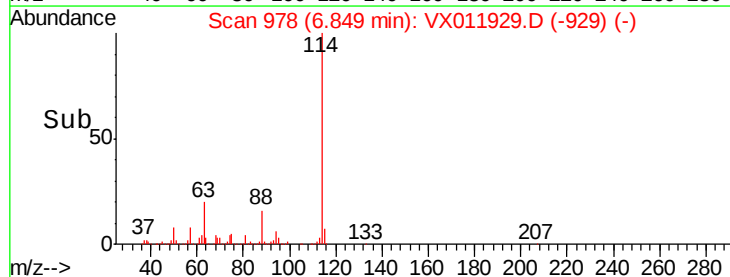
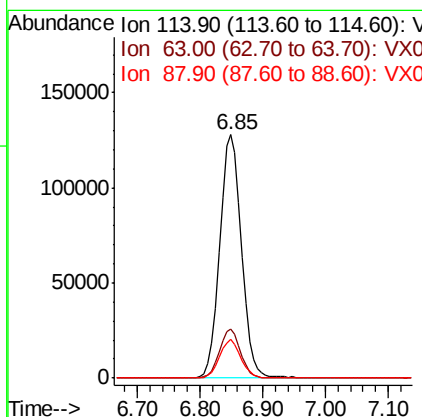
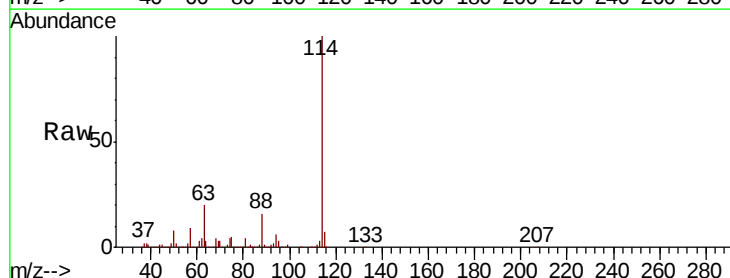
Instrument :
 MSVOA_X
 ClientSampled :
 BFB

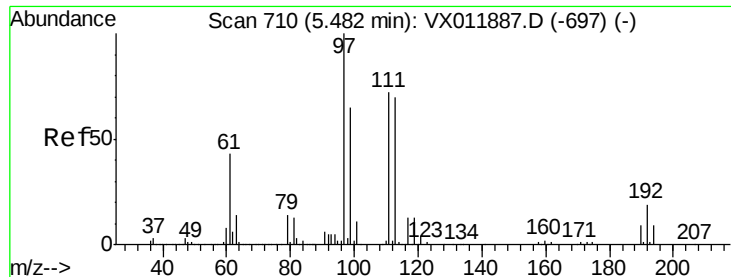
Tgt Ion: 65 Resp: 96892
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX011929.D
 Acq: 31 Aug 2019 02:20

Tgt Ion: 114 Resp: 306155
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.8
 88 16.0 0.0 31.2

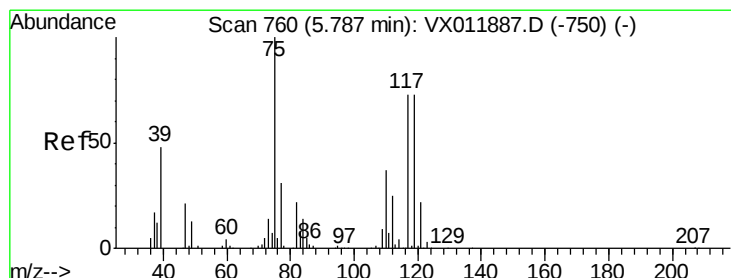
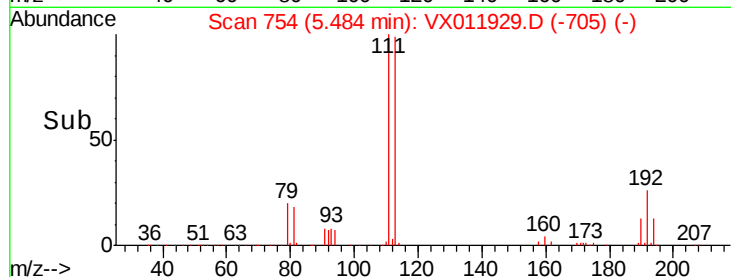
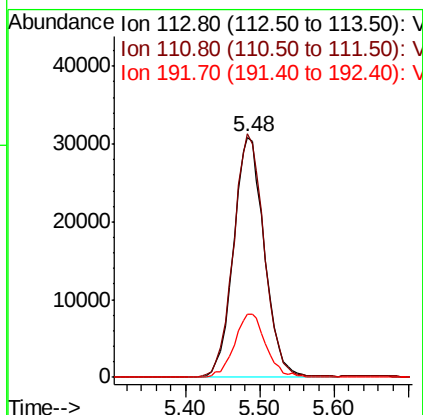
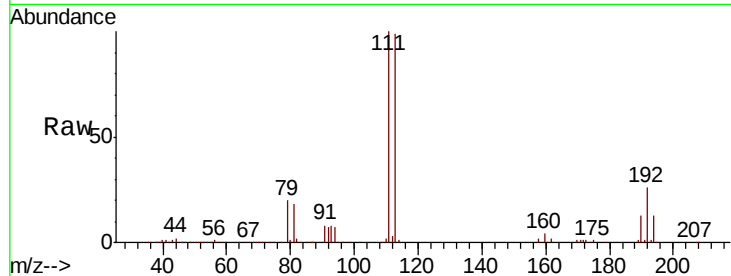




#35
 Dibromofluoromethane
 Concen: 45.597 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. 0.00 min
 Lab File: VX011929.D
 Acq: 31 Aug 2019 02:20

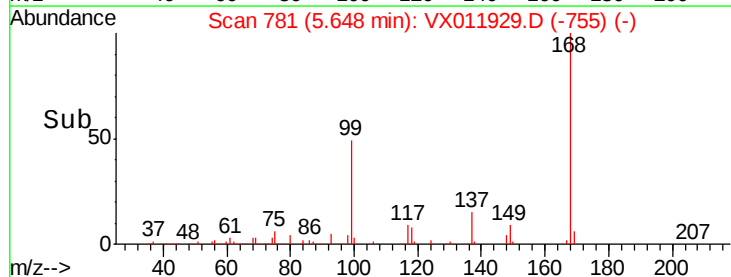
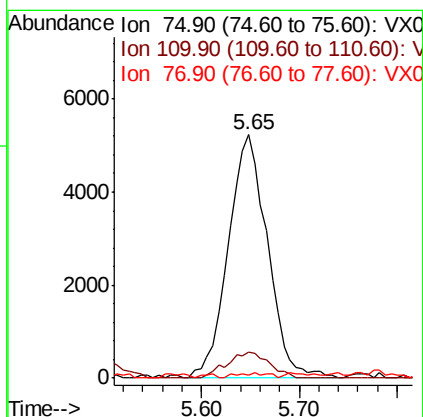
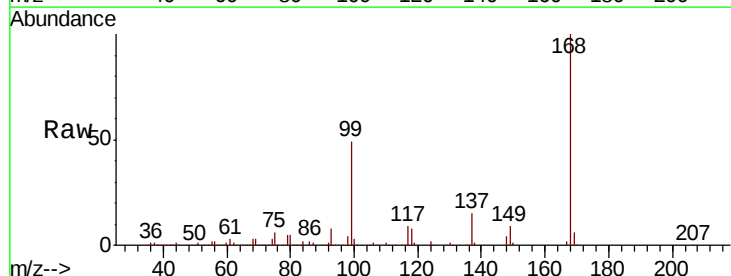
Instrument :
 MSVOA_X
 ClientSampleId :
 BFB

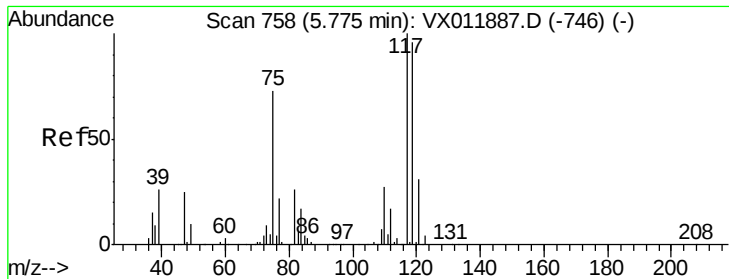
Tgt Ion:113 Resp: 89516
 Ion Ratio Lower Upper
 113 100
 111 101.2 82.1 123.1
 192 26.9 21.5 32.3



#36
 1,1-Dichloropropene
 Concen: 6.000 ug/l
 RT: 5.65 min Scan# 781
 Delta R.T. -0.14 min
 Lab File: VX011929.D
 Acq: 31 Aug 2019 02:20

Tgt Ion: 75 Resp: 14552
 Ion Ratio Lower Upper
 75 100
 110 11.6 19.1 57.3#
 77 1.6 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 7.329 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.13 min

Lab File: VX011929.D

Acq: 31 Aug 2019 02:20

Instrument :

MSVOA_X

ClientSampled :

BFB

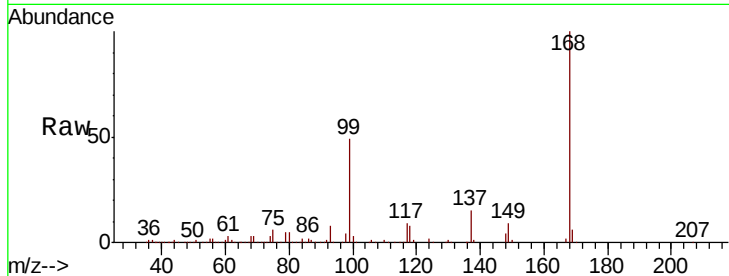
Tgt Ion:117 Resp: 20616

Ion Ratio Lower Upper

117 100

119 6.5 76.6 114.8#

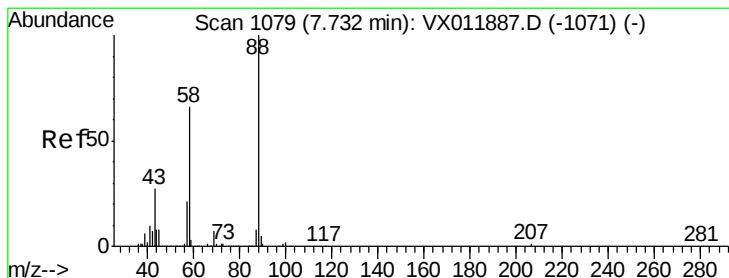
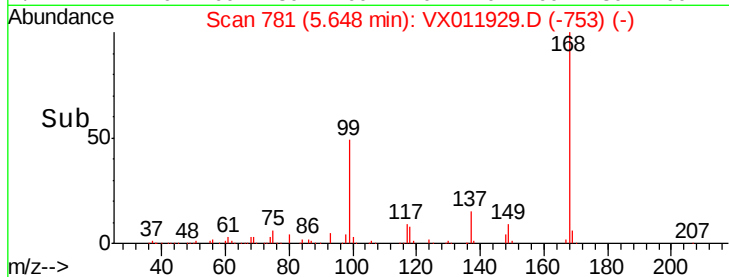
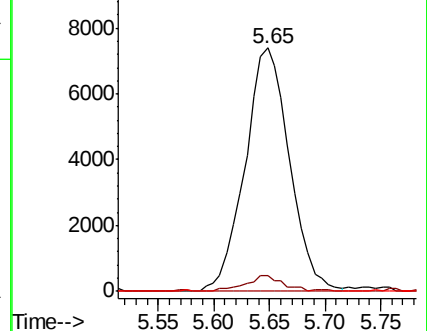
121 0.0 24.7 37.1#



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: 1.181 ug/l

RT: 7.75 min Scan# 1125

Delta R.T. 0.01 min

Lab File: VX011929.D

Acq: 31 Aug 2019 02:20

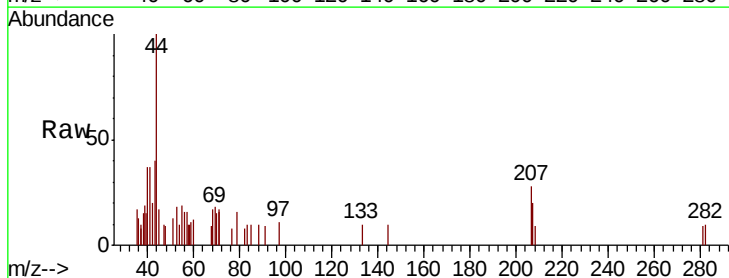
Tgt Ion: 88 Resp: 23

Ion Ratio Lower Upper

88 100

43 287.0 27.3 40.9#

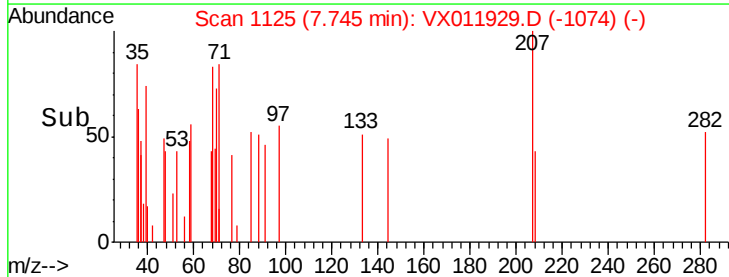
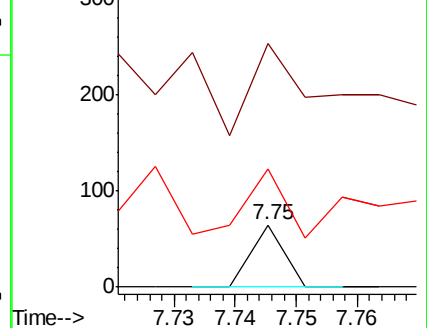
58 113.0 53.9 80.9#

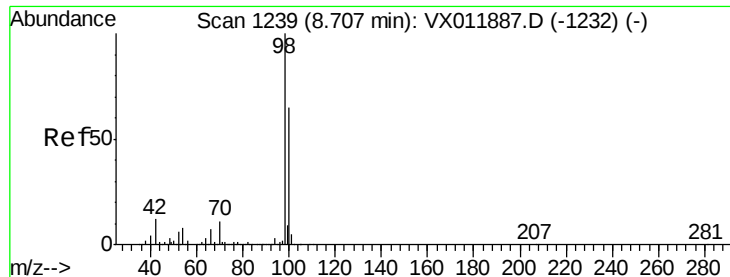


Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

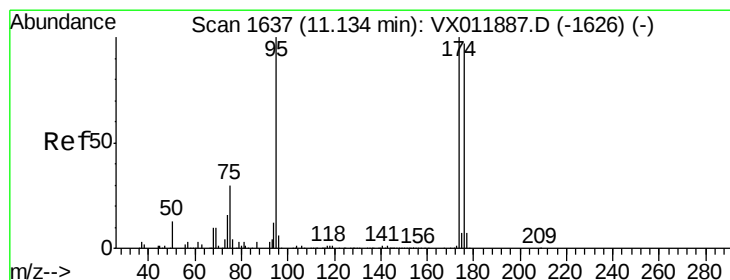
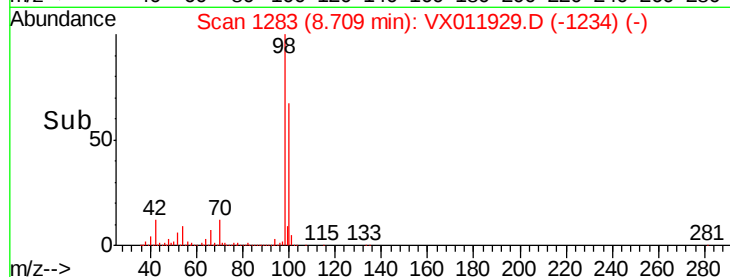
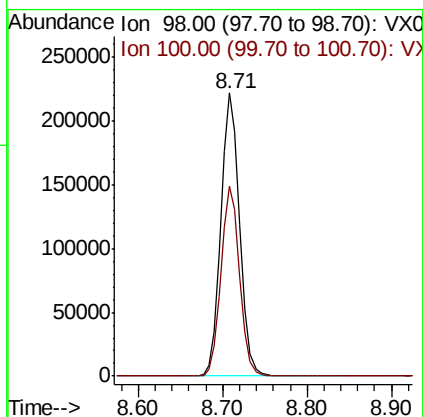
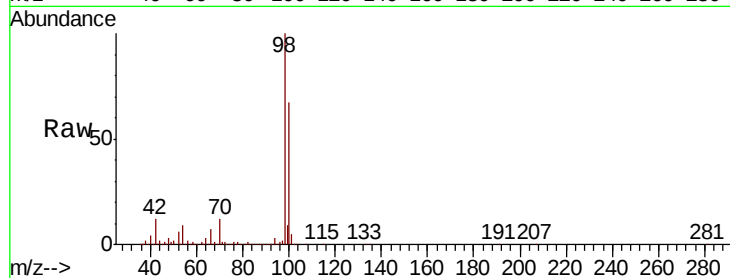




#50
Toluene-d8
Concen: 48.704 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX011929.D
Acq: 31 Aug 2019 02:20

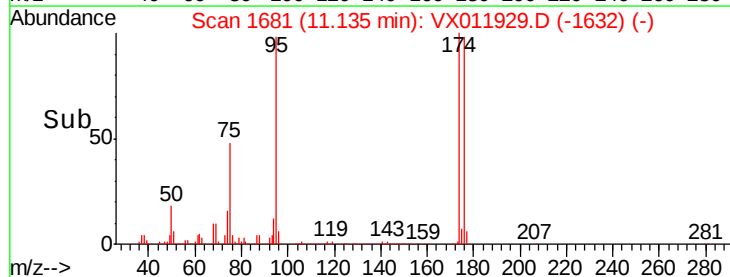
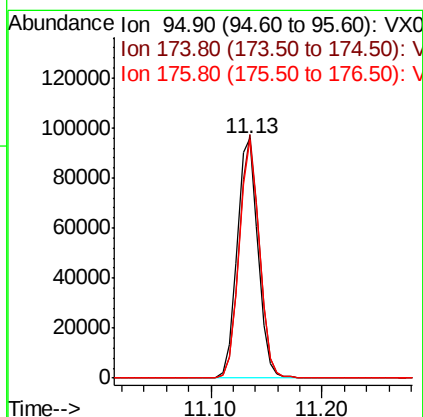
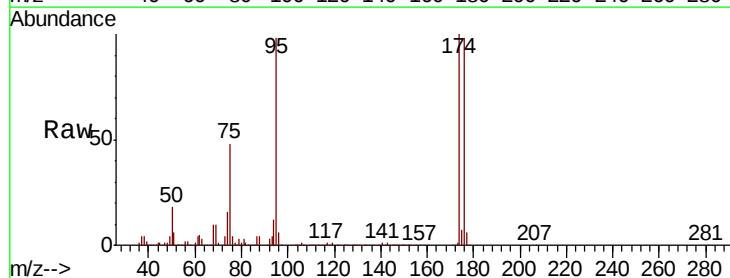
Instrument :
MSVOA_X
ClientSampleId :
BFB

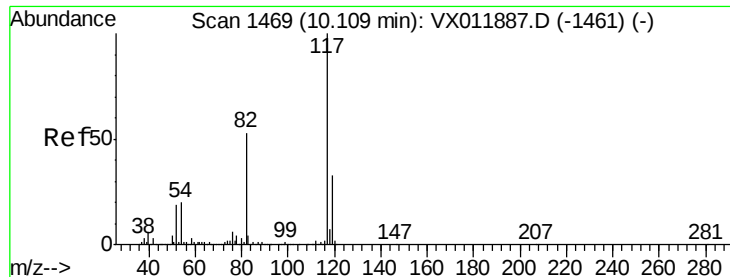
Tgt Ion: 98 Resp: 341795
Ion Ratio Lower Upper
98 100
100 66.6 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 40.323 ug/l
RT: 11.13 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VX011929.D
Acq: 31 Aug 2019 02:20

Tgt Ion: 95 Resp: 124133
Ion Ratio Lower Upper
95 100
174 97.8 0.0 196.0
176 96.3 0.0 191.4

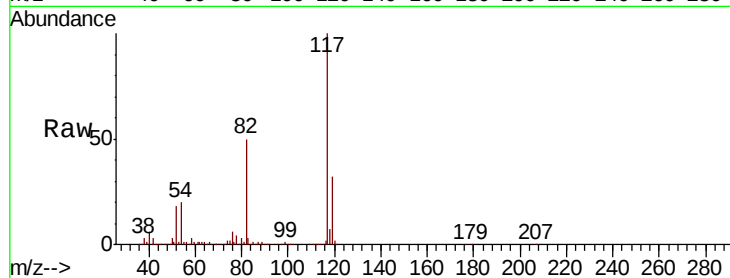




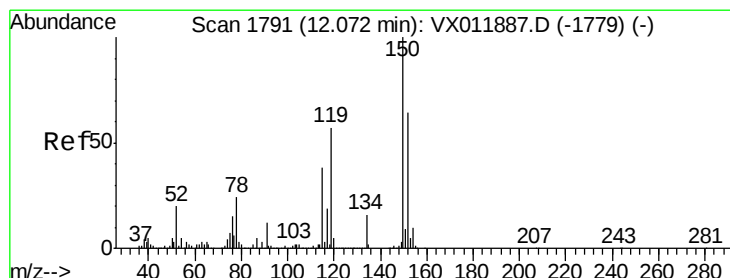
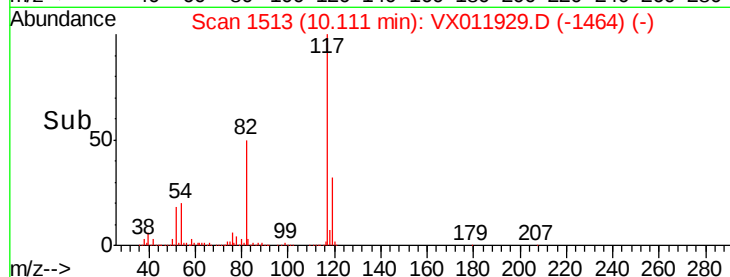
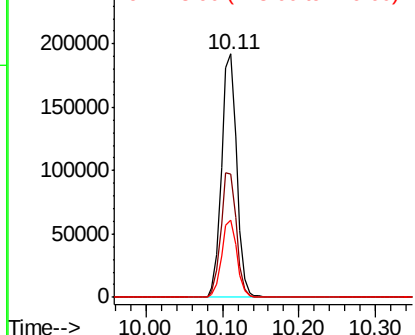
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX011929.D
Acq: 31 Aug 2019 02:20

Instrument :
MSVOA_X
ClientSampled :
BFB

Tgt Ion:117 Resp: 264603
Ion Ratio Lower Upper
117 100
82 50.4 42.0 63.0
119 32.0 26.2 39.4

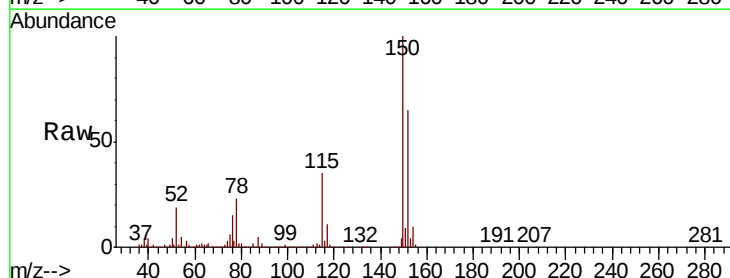


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

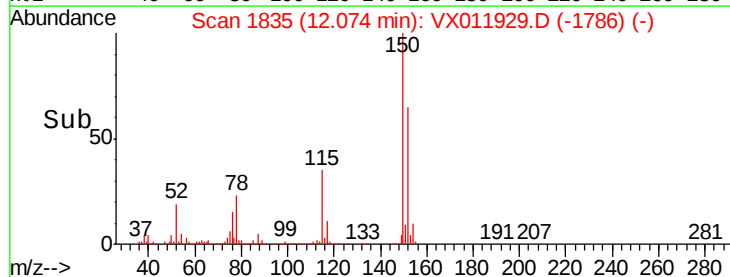
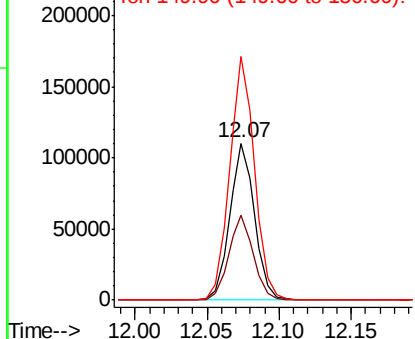


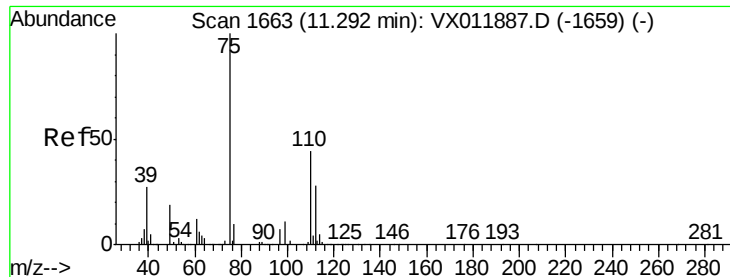
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX011929.D
Acq: 31 Aug 2019 02:20

Tgt Ion:152 Resp: 132683
Ion Ratio Lower Upper
152 100
115 53.8 37.1 111.3
150 156.4 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: 47.165 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. -0.16 min

Lab File: VX011929.D

Acq: 31 Aug 2019 02:20

Instrument :

MSVOA_X

ClientSampled :

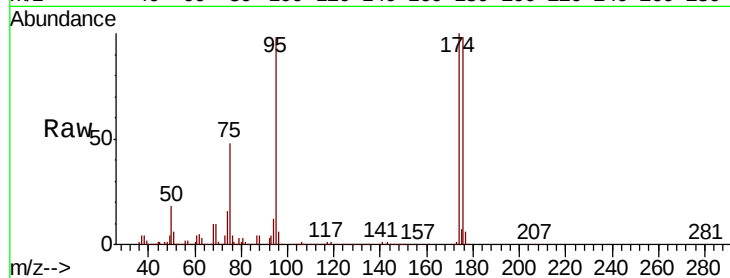
BFB

Tgt Ion: 75 Resp: 61560

Ion Ratio Lower Upper

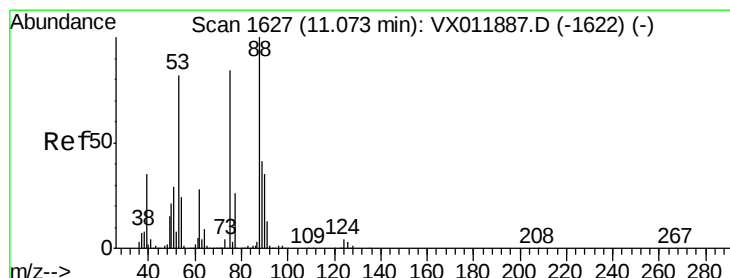
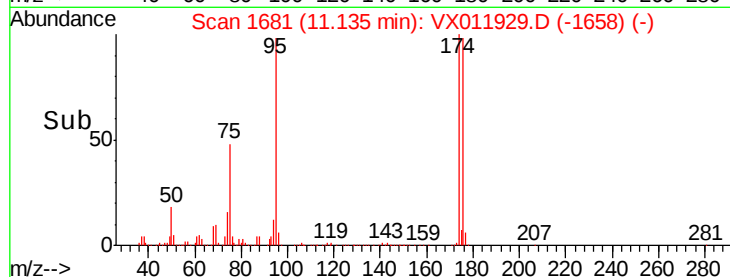
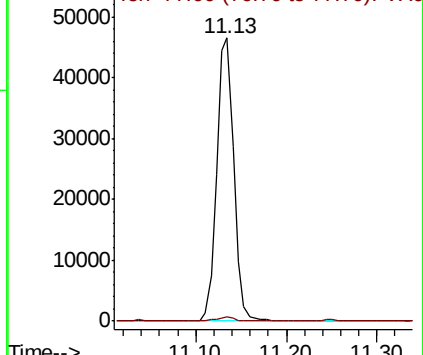
75 100

77 1.6 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: 118.487 ug/l

RT: 11.13 min Scan# 1681

Delta R.T. 0.06 min

Lab File: VX011929.D

Acq: 31 Aug 2019 02:20

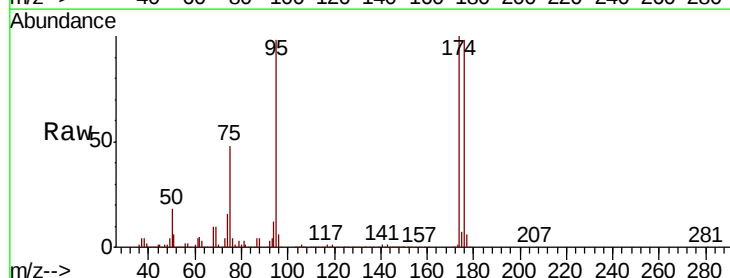
Tgt Ion: 75 Resp: 61560

Ion Ratio Lower Upper

75 100

53 0.1 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

