

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022819\
 Data File : VX007768.D
 Acq On : 28 Feb 2019 15:59
 Operator : JC/SP
 Sample : K1655-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FB-022719

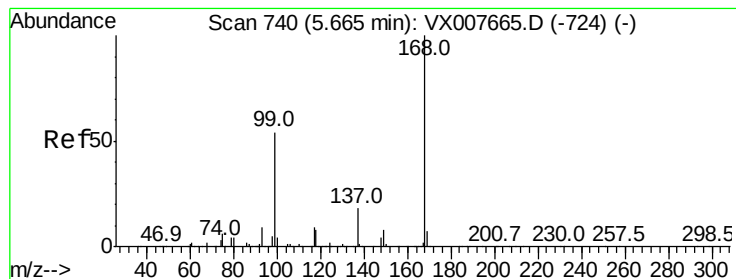
Quant Time: Mar 01 01:31:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	311913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	486788	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	468725	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	229461	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	186946	48.39	ug/l	0.00
Spiked Amount			Recovery	=	96.78%	
35) Dibromofluoromethane	5.51	113	159179	48.92	ug/l	0.00
Spiked Amount			Recovery	=	97.84%	
50) Toluene-d8	8.71	98	603040	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
62) 4-Bromofluorobenzene	11.13	95	218574	47.80	ug/l	0.00
Spiked Amount			Recovery	=	95.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	492	Below Cal		87
11) Tert butyl alcohol	3.03	59	7981	10.887	ug/l #	77
15) Acrylonitrile	3.15	53	360	0.209	ug/l	93
16) Acetone	2.45	43	6243	3.634	ug/l	92
20) Methylene Chloride	2.86	84	1194	0.376	ug/l #	84
31) Cyclohexane	5.67	56	5394	1.005	ug/l #	1
36) 1,1-Dichloropropene	5.67	75	20647	4.718	ug/l #	47
38) Carbon Tetrachloride	5.67	117	27085	6.161	ug/l #	17
76) 1,2,3-Trichloropropane	11.13	75	106225	21.718	ug/l #	32
81) trans-1,4-Dichloro-2-buten	11.13	75	106225	57.705	ug/l #	9

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX007768.D

Acq: 28 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

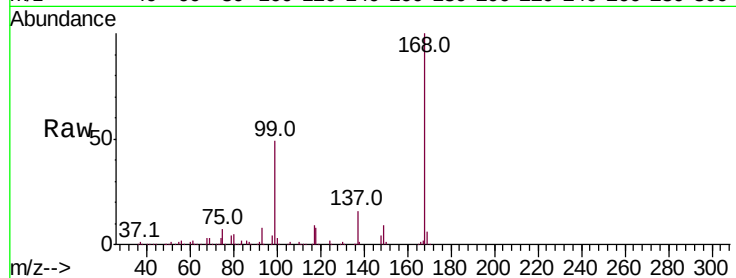
FB-022719

Tot Ion:168 Resp: 311913

Ion Ratio Lower Upper

168 100

99 48.9 37.9 56.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

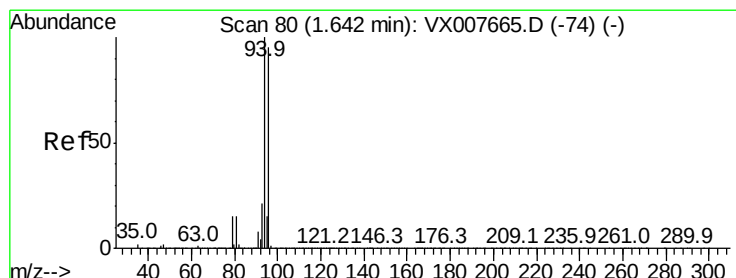
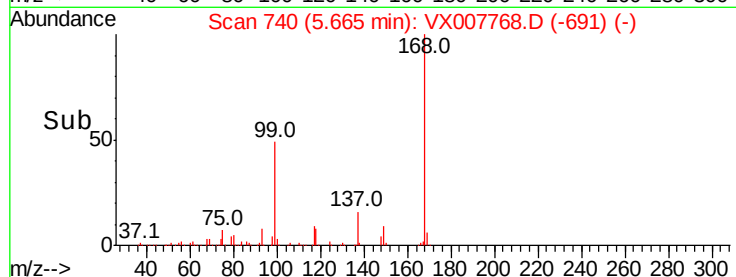
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 82

Delta R.T. 0.01 min

Lab File: VX007768.D

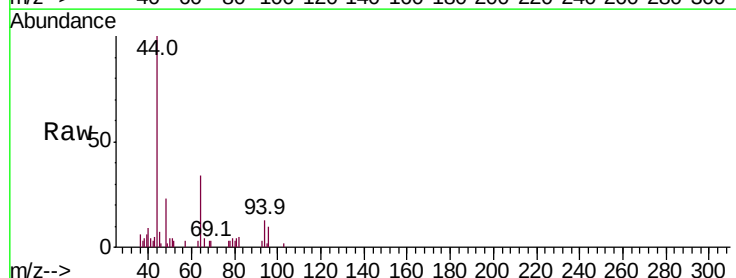
Acq: 28 Feb 2019 15:59

Tgt Ion: 94 Resp: 492

Ion Ratio Lower Upper

94 100

96 79.8 73.9 110.9



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

300

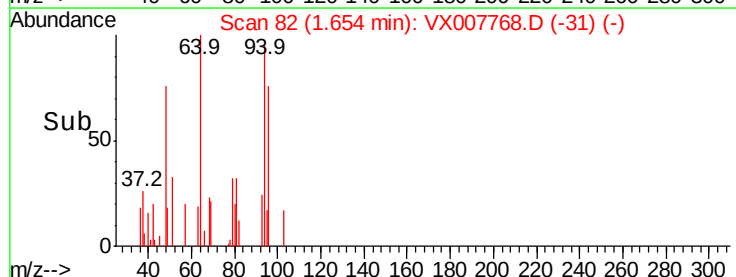
200

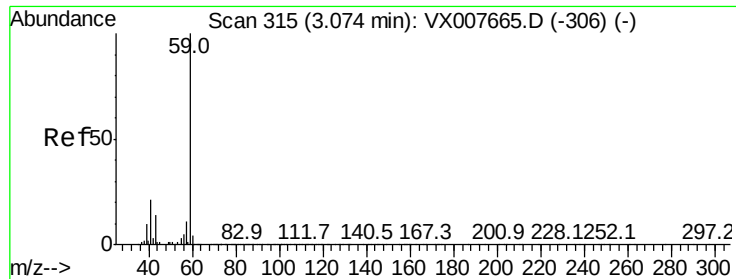
100

0

1.65 1.70

Time-->



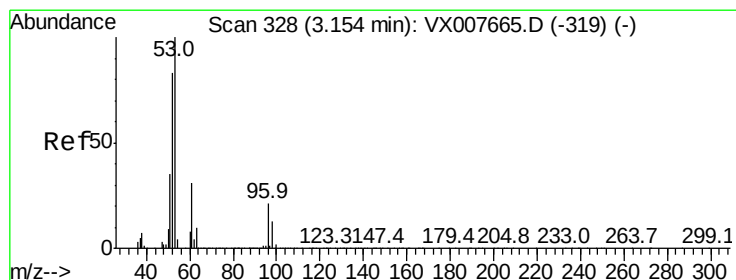
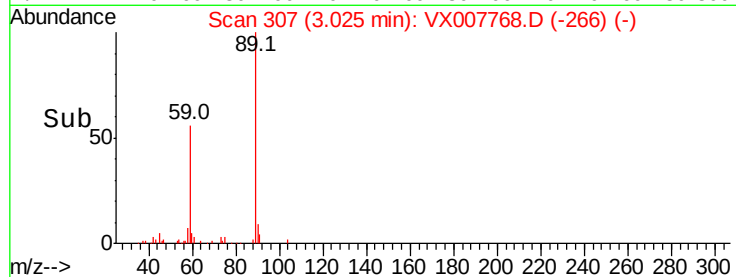
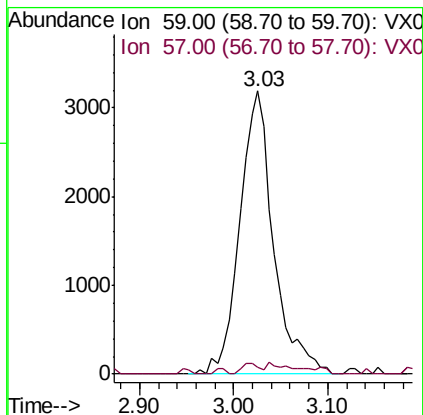
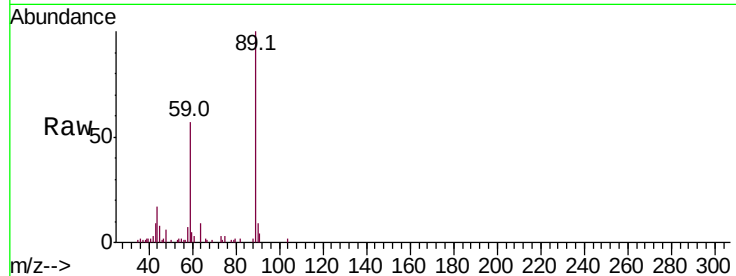


#11

Tert butyl alcohol
Concen: 10.887 ug/l
RT: 3.03 min Scan# 307
Delta R.T. -0.05 min
Lab File: VX007768.D
Acq: 28 Feb 2019 15:59

Instrument :
MSVOA_X
ClientSampleId :
FB-022719

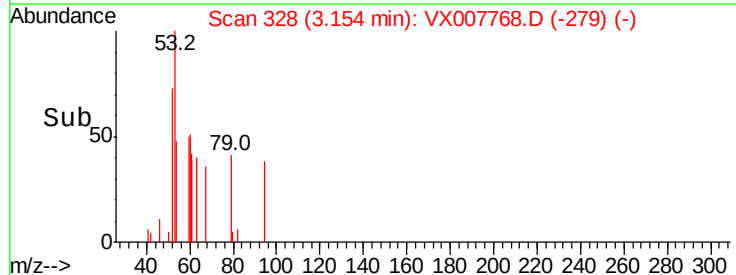
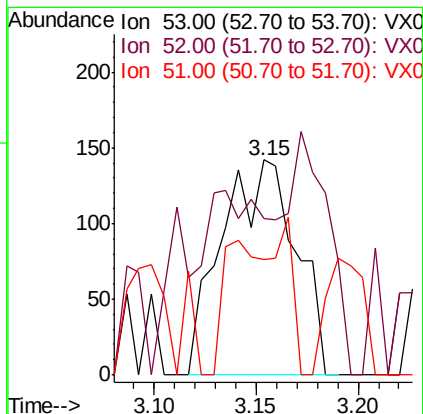
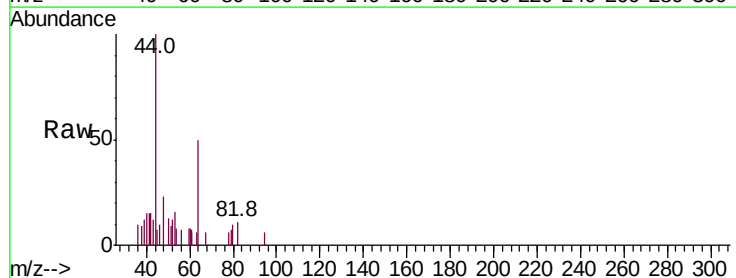
Tot Ion: 59 Resp: 7981
Ion Ratio Lower Upper
59 100
57 1.5 8.1 12.1#

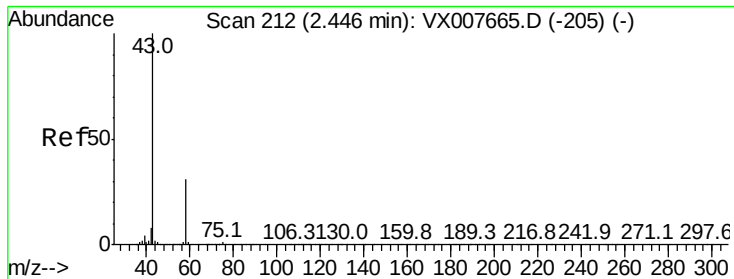


#15

Acrylonitrile
Concen: 0.209 ug/l
RT: 3.15 min Scan# 328
Delta R.T. -0.00 min
Lab File: VX007768.D
Acq: 28 Feb 2019 15:59

Tgt Ion: 53 Resp: 360
Ion Ratio Lower Upper
53 100
52 75.0 66.4 99.6
51 33.3 28.4 42.6





#16

Acetone

Concen: 3.634 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007768.D

Acq: 28 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

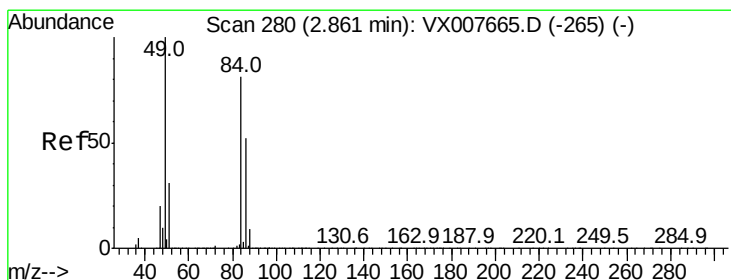
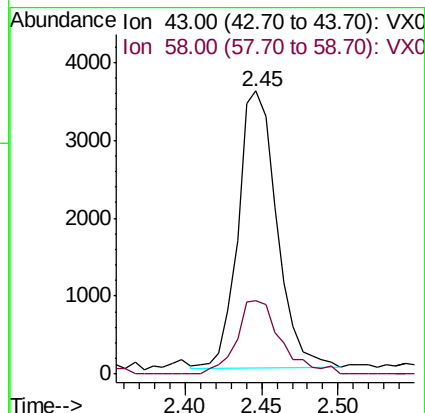
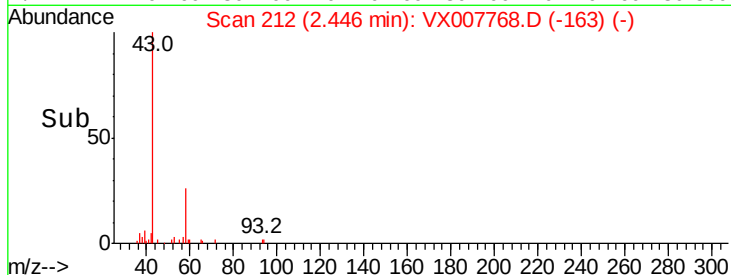
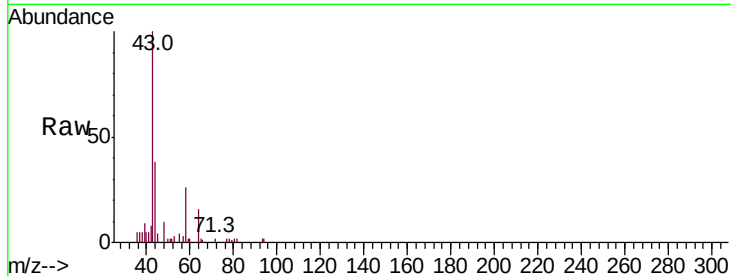
FB-022719

Tot Ion: 43 Resp: 6243

Ion Ratio Lower Upper

43 100

58 26.5 24.9 37.3



#20

Methylene Chloride

Concen: 0.376 ug/l

RT: 2.86 min Scan# 280

Delta R.T. -0.00 min

Lab File: VX007768.D

Acq: 28 Feb 2019 15:59

Tgt Ion: 84 Resp: 1194

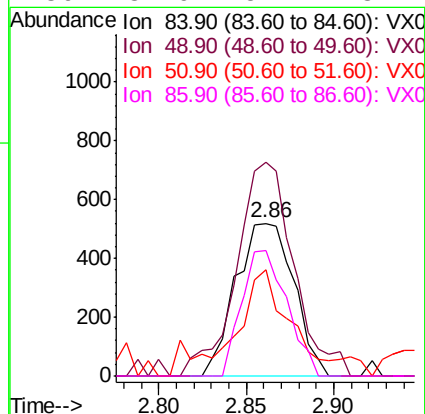
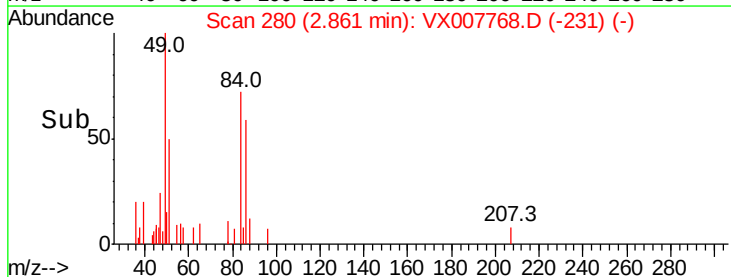
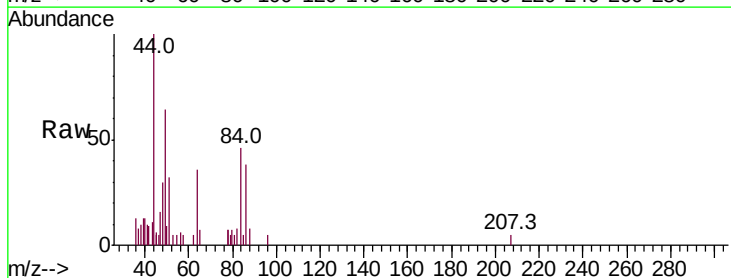
Ion Ratio Lower Upper

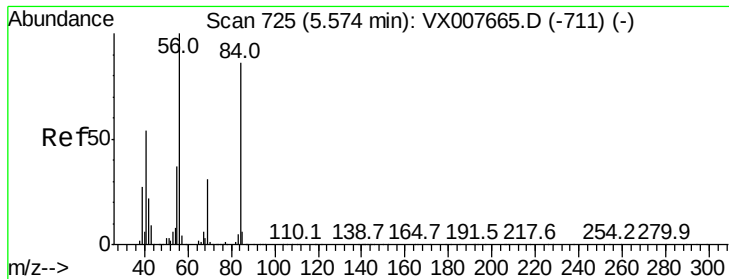
84 100

49 128.5 94.8 142.2

51 58.8 29.8 44.8#

86 81.9 54.1 81.1#

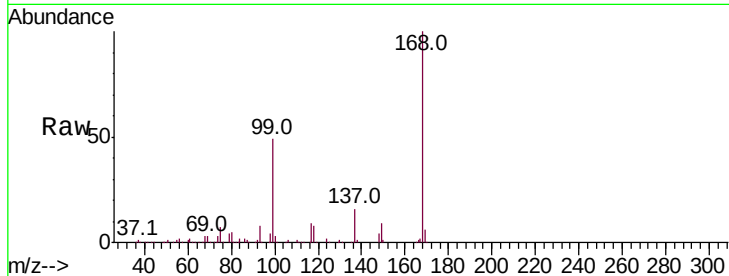




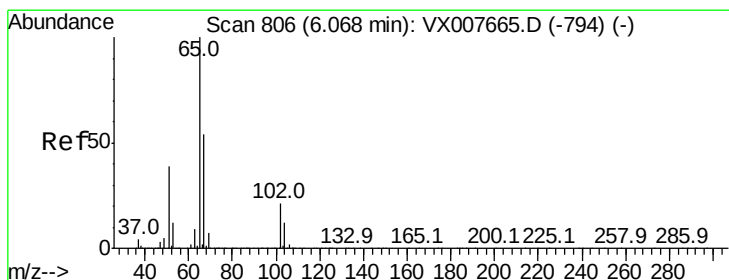
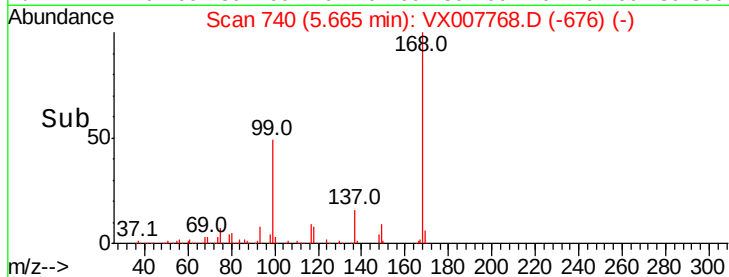
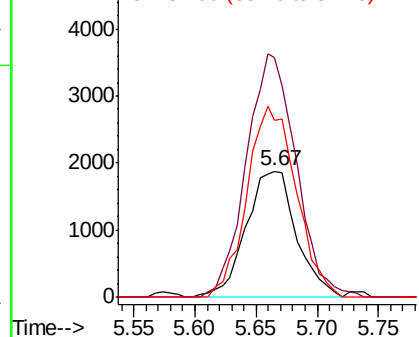
#31
Cyclohexane
Concen: 1.005 ug/l
RT: 5.67 min Scan# 740
Delta R.T. 0.09 min
Lab File: VX007768.D
Acq: 28 Feb 2019 15:59

Instrument :
MSVOA_X
ClientSampled :
FB-022719

Tot Ion: 56 Resp: 5394
Ion Ratio Lower Upper
56 100
69 190.0 23.0 34.6#
84 140.6 69.8 104.6#

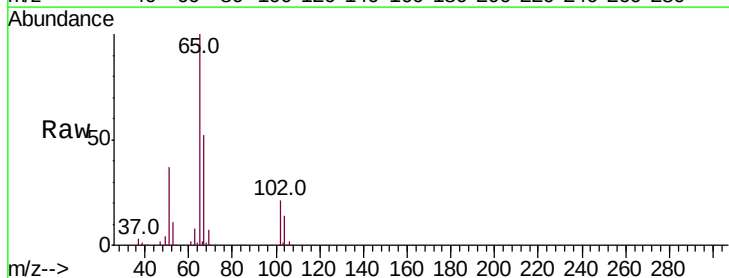


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

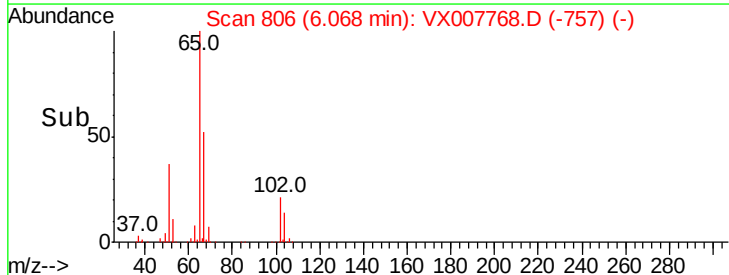
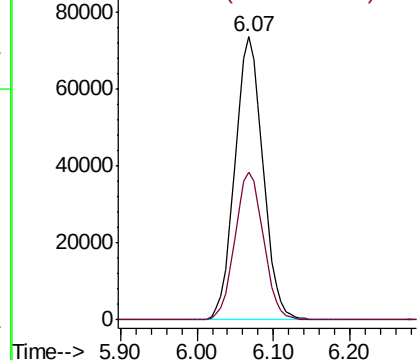


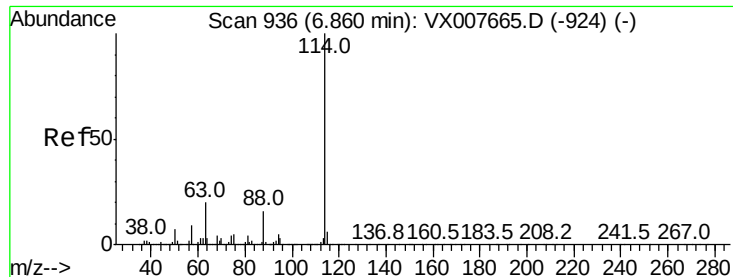
#33
1,2-Dichloroethane-d4
Concen: 48.386 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX007768.D
Acq: 28 Feb 2019 15:59

Tgt Ion: 65 Resp: 186946
Ion Ratio Lower Upper
65 100
67 53.1 0.0 108.8



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007768.D

Acq: 28 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampled :

FB-022719

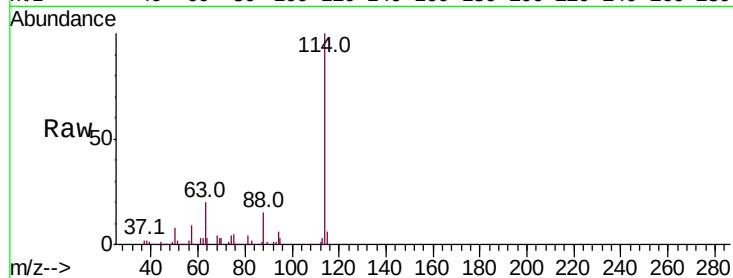
Tot Ion:114 Resp: 486788

Ion Ratio Lower Upper

114 100

63 19.9 0.0 35.6

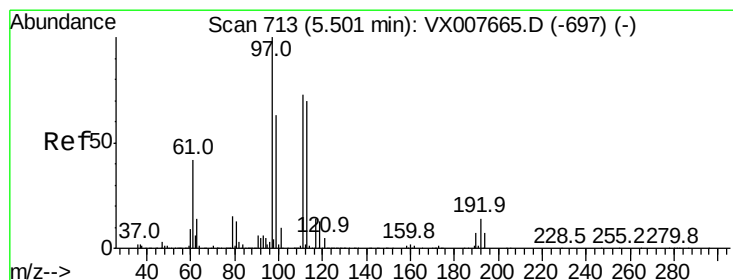
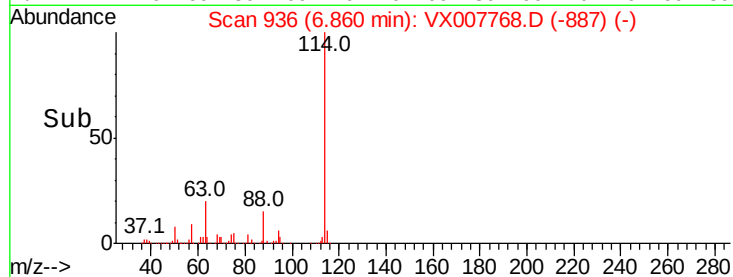
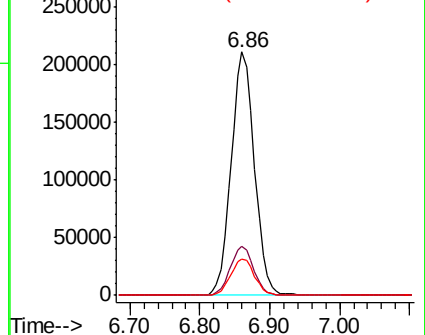
88 15.1 0.0 29.6



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: 48.918 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007768.D

Acq: 28 Feb 2019 15:59

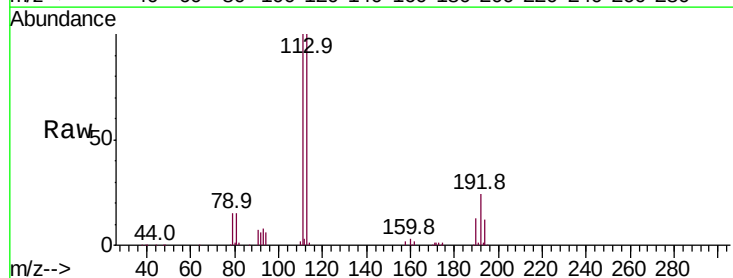
Tgt Ion:113 Resp: 159179

Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.8

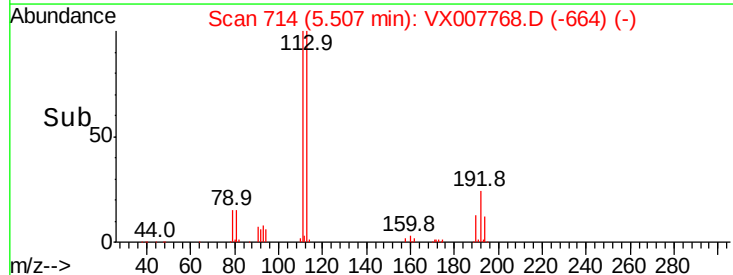
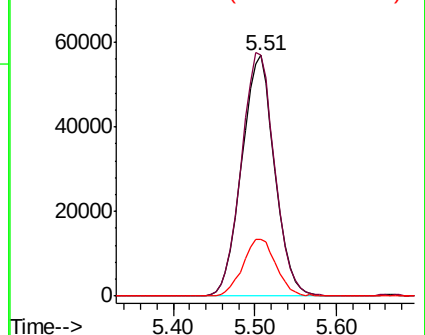
192 24.1 18.5 27.7

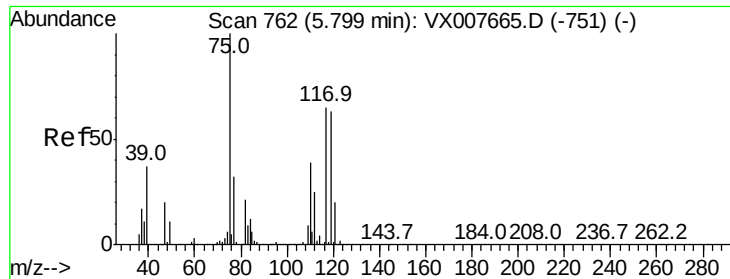


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

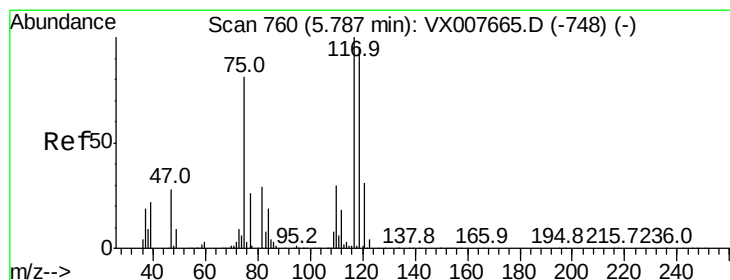
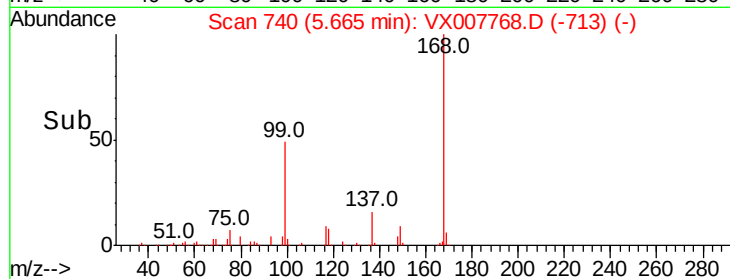
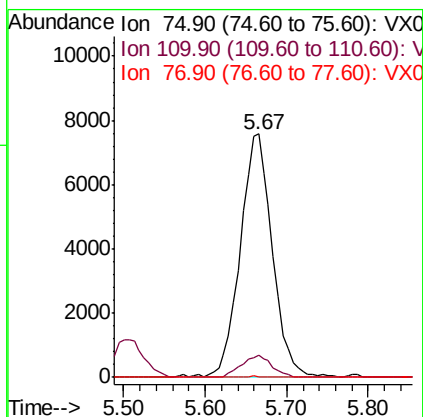
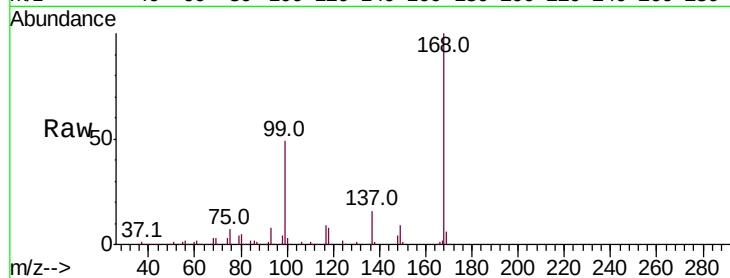




#36
 1,1-Dichloropropene
 Concen: 4.718 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.13 min
 Lab File: VX007768.D
 Acq: 28 Feb 2019 15:59

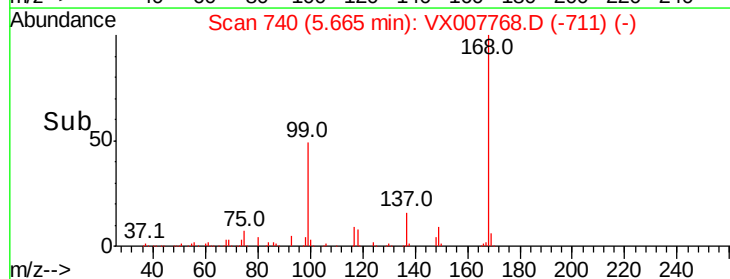
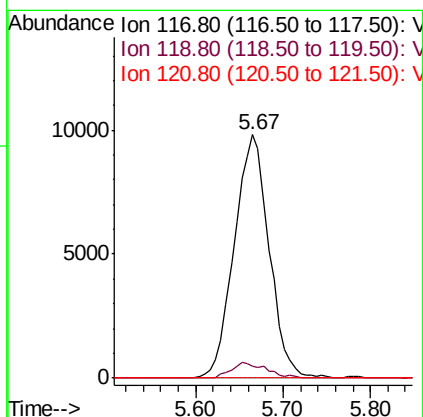
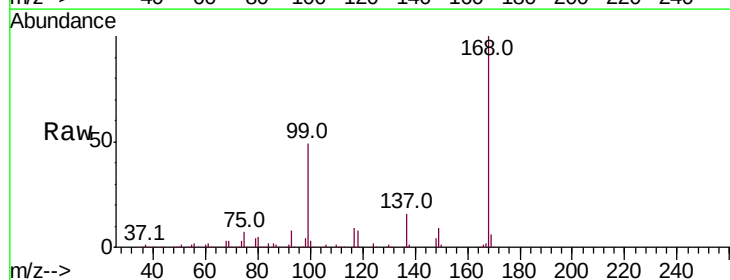
Instrument :
 MSVOA_X
 ClientSampleId :
 FB-022719

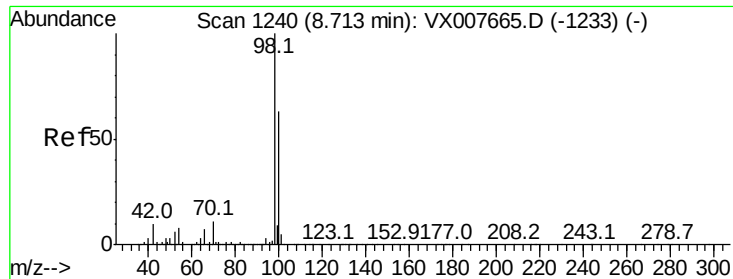
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.6	20.0	59.9#
77	0.1	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 6.161 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. -0.12 min
 Lab File: VX007768.D
 Acq: 28 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	4.8	75.3	112.9#
121	0.0	25.0	37.4#





#50

Toluene-d8

Concen: 48.407 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007768.D

Acq: 28 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

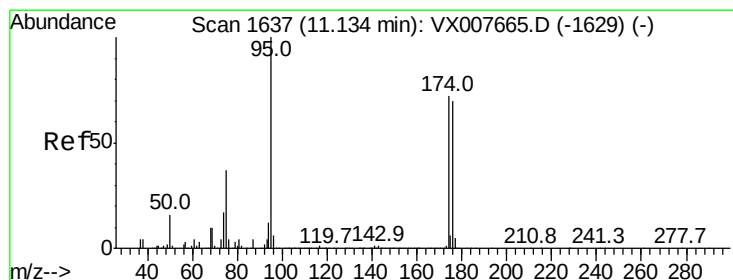
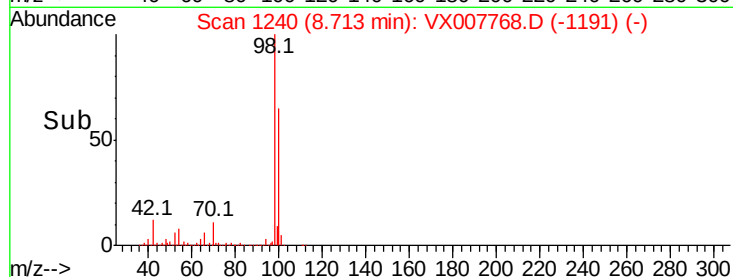
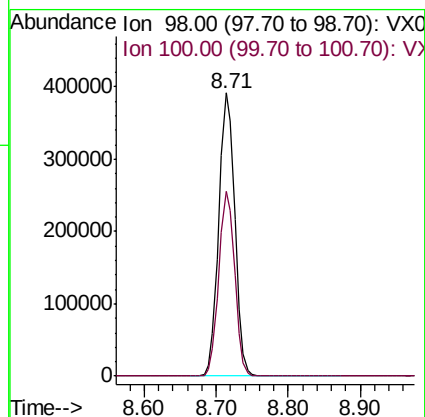
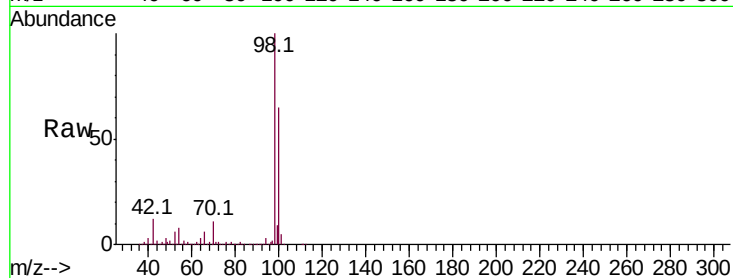
FB-022719

Tot Ion: 98 Resp: 603040

Ion Ratio Lower Upper

98 100

100 64.6 51.6 77.4



#62

4-Bromofluorobenzene

Concen: 47.803 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX007768.D

Acq: 28 Feb 2019 15:59

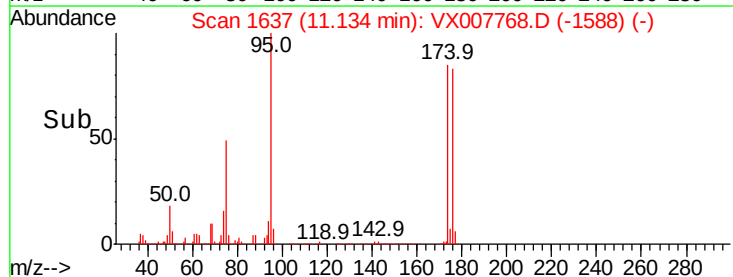
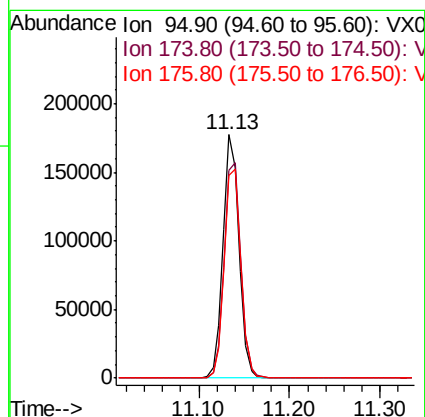
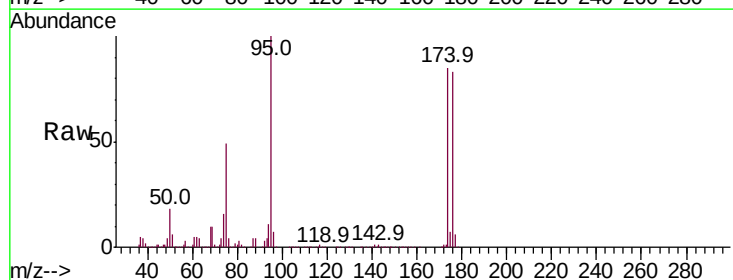
Tgt Ion: 95 Resp: 218574

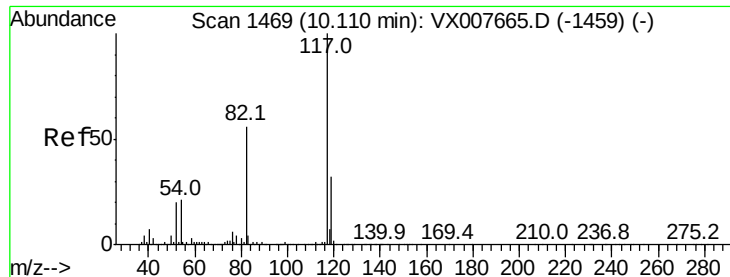
Ion Ratio Lower Upper

95 100

174 92.5 0.0 189.2

176 89.8 0.0 186.2

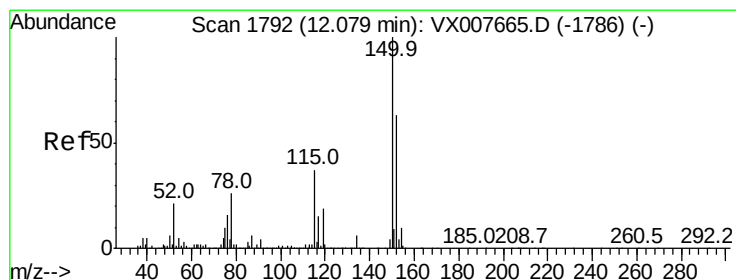
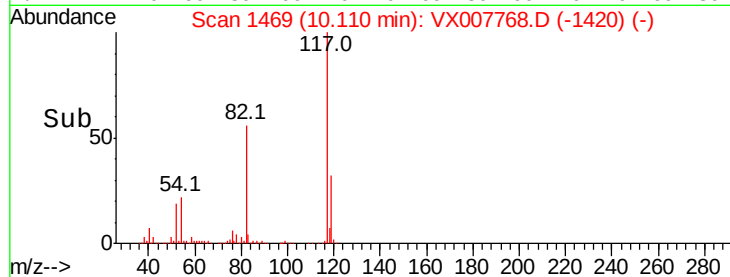
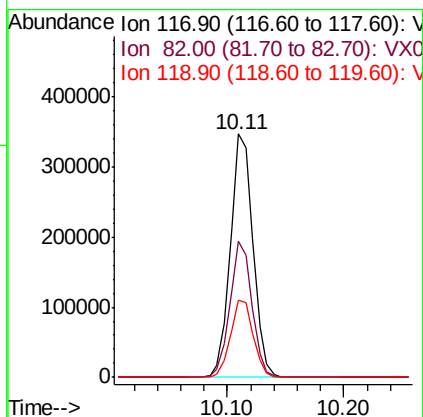
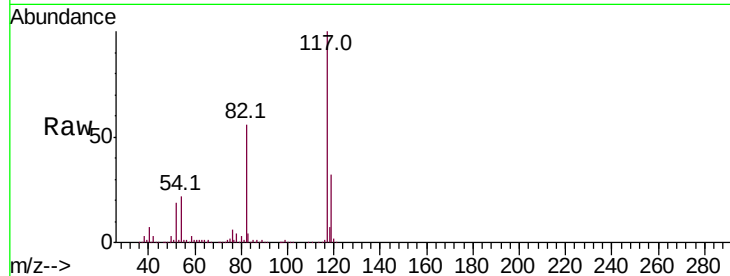




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX007768.D
Acq: 28 Feb 2019 15:59

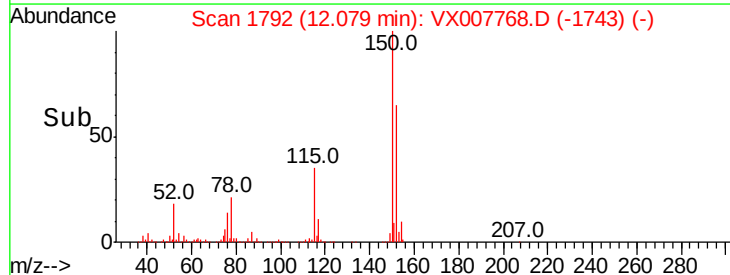
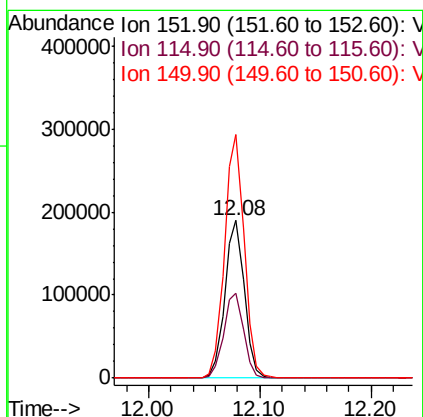
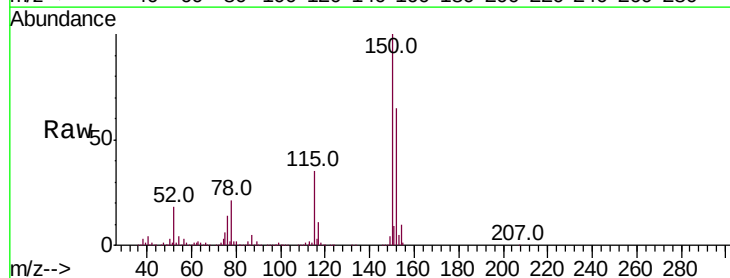
Instrument :
MSVOA_X
ClientSampled :
FB-022719

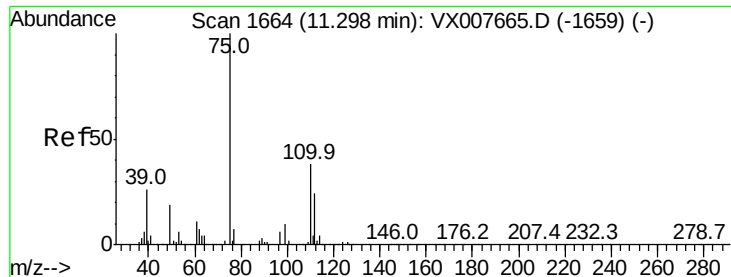
Tot Ion	Ratio	Lower	Upper
117	100		
82	55.7	42.1	63.1
119	31.9	26.5	39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX007768.D
Acq: 28 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.9	38.0	114.0
150	155.6	0.0	346.4





#76

1,2,3-Trichloropropane

Concen: 21.718 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.16 min

Lab File: VX007768.D

Acq: 28 Feb 2019 15:59

Instrument :

MSVOA_X

ClientSampleId :

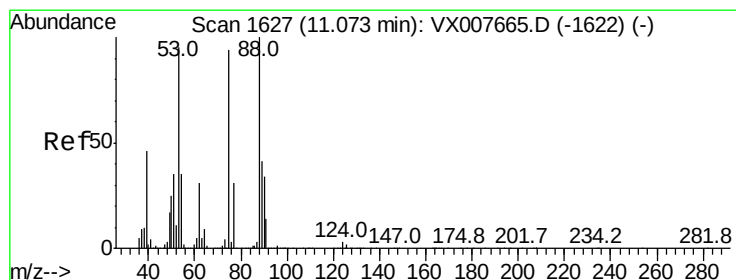
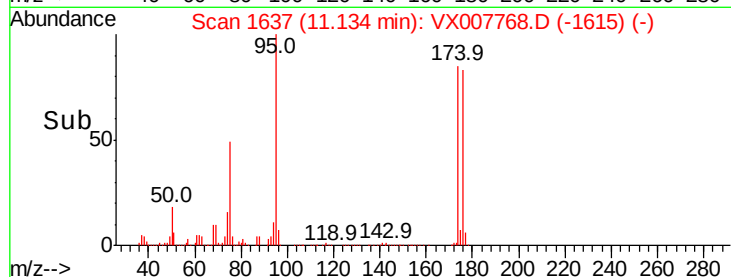
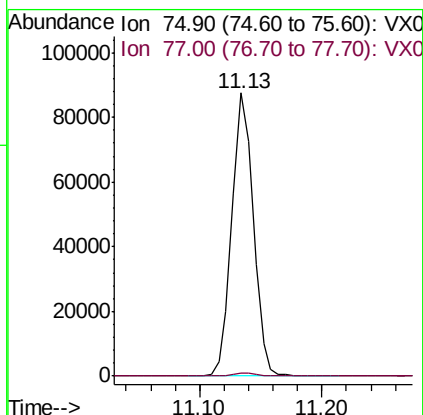
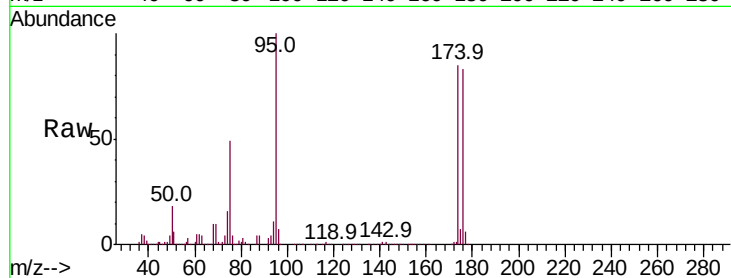
FB-022719

Tot Ion: 75 Resp: 106225

Ion Ratio Lower Upper

75 100

77 1.2 23.0 69.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 57.705 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.06 min

Lab File: VX007768.D

Acq: 28 Feb 2019 15:59

Tgt Ion: 75 Resp: 106225

Ion Ratio Lower Upper

75 100

53 0.2 81.0 121.6#

89 0.0 41.4 62.0#

