

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012720\
 Data File : VX014736.D
 Acq On : 27 Jan 2020 19:00
 Operator : JC/SP
 Sample : L1267-05 100X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 40670

Quant Time: Jan 28 06:12:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

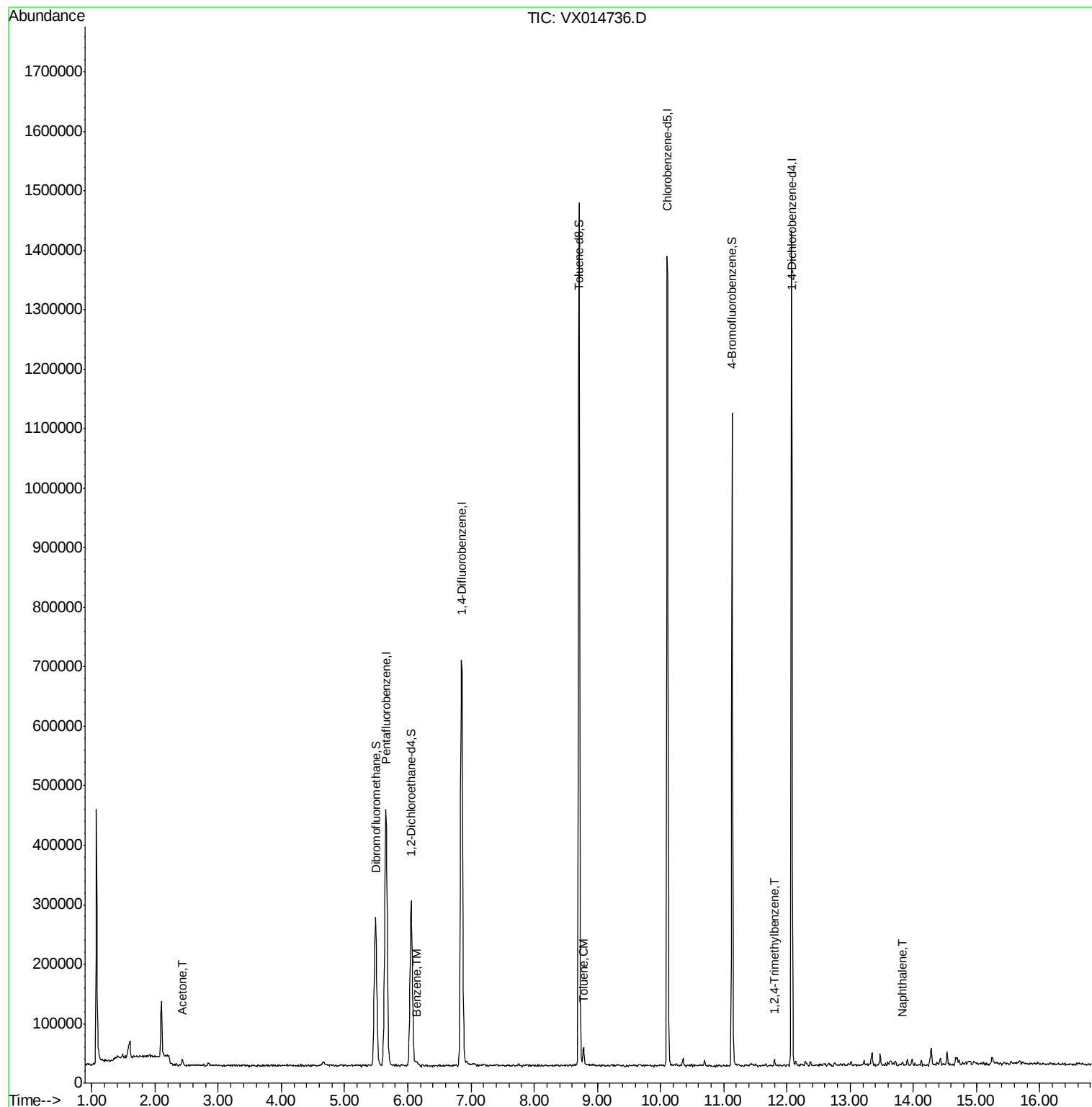
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	448024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	697070	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	644036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	294486	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	257880	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
35) Dibromofluoromethane	5.49	113	213293	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
50) Toluene-d8	8.71	98	841763	49.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.56%	
62) 4-Bromofluorobenzene	11.13	95	283986	47.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.30%	
Target Compounds						
					Qvalue	
16) Acetone	2.43	43	11111	4.023	ug/l #	82
40) Benzene	6.14	78	9110	0.455	ug/l	94
52) Toluene	8.78	92	11498	0.935	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	6137	0.356	ug/l	100
95) Naphthalene	13.83	128	3659	1.105	ug/l #	77

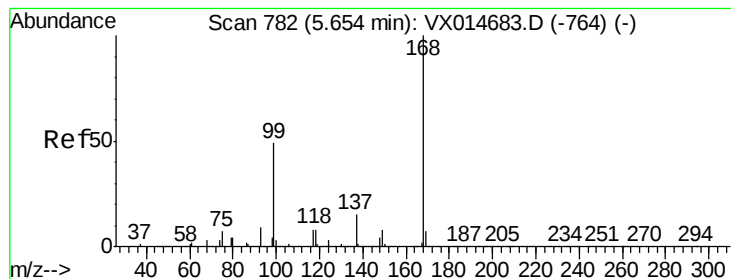
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.00 min

Lab File: VX014736.D

Acq: 27 Jan 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

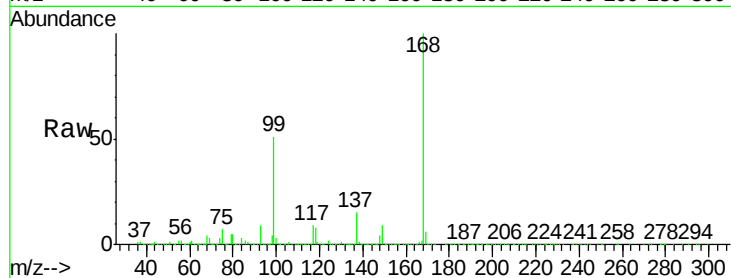
40670

Tot Ion:168 Resp: 448024

Ion Ratio Lower Upper

168 100

99 50.4 39.8 59.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

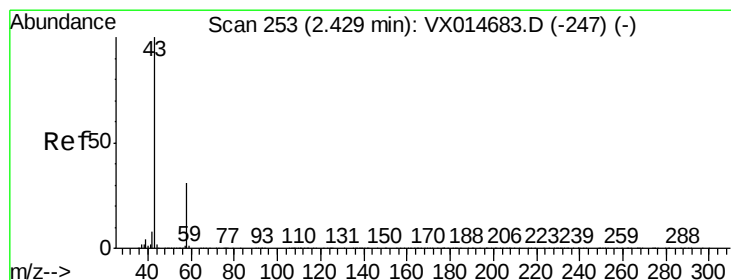
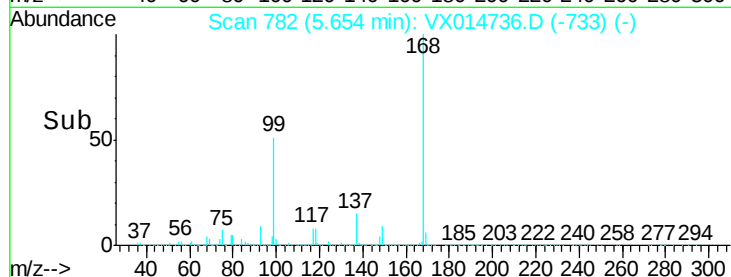
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 4.023 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX014736.D

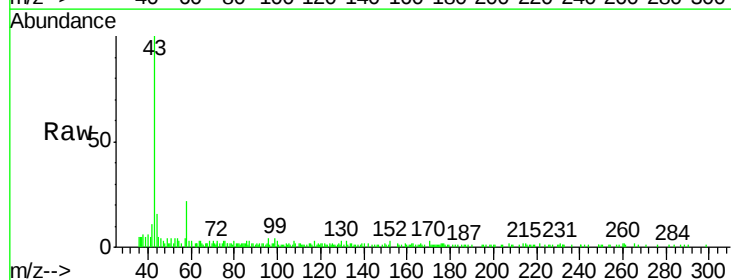
Acq: 27 Jan 2020 19:00

Tgt Ion: 43 Resp: 11111

Ion Ratio Lower Upper

43 100

58 20.7 24.5 36.7#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

8000

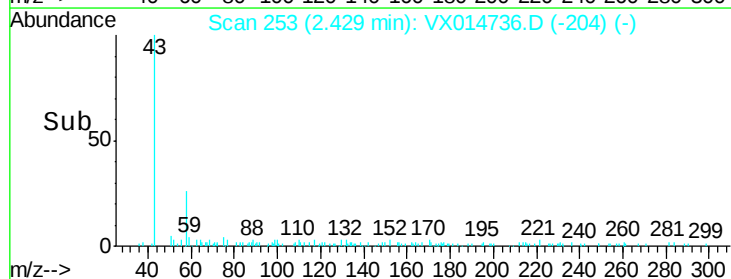
6000

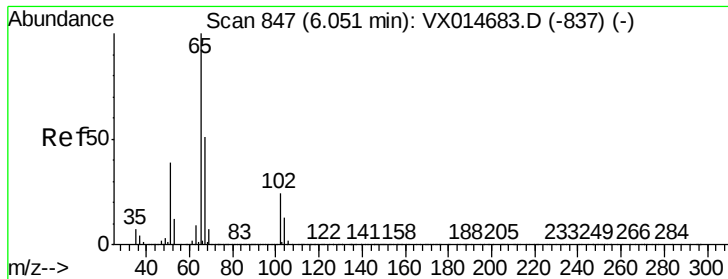
4000

2000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.290 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014736.D

Acq: 27 Jan 2020 19:00

Instrument :

MSVOA_X

ClientSampled :

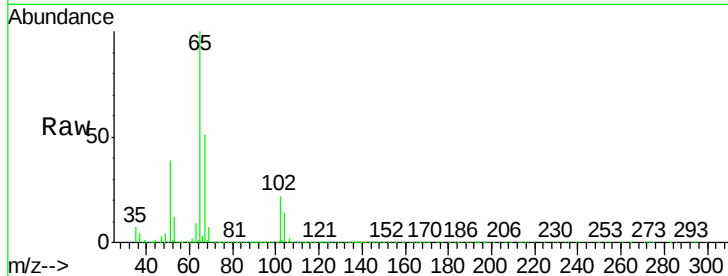
40670

Tot Ion: 65 Resp: 257880

Ion Ratio Lower Upper

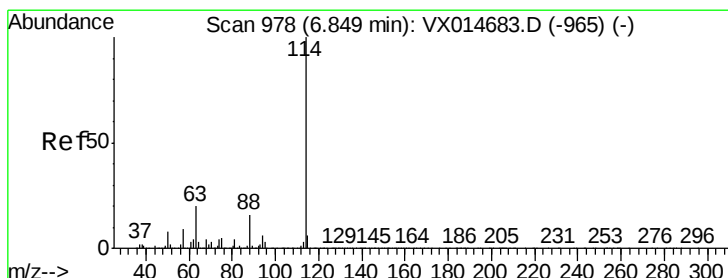
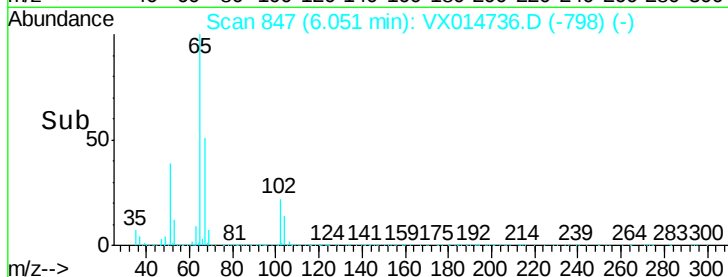
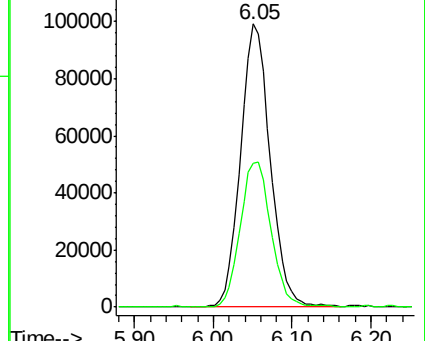
65 100

67 53.6 0.0 107.4



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: VX014736.D

Acq: 27 Jan 2020 19:00

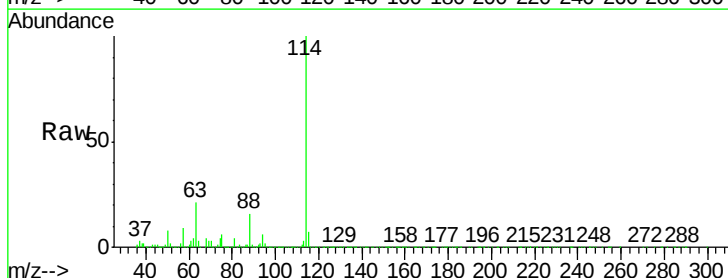
Tgt Ion: 114 Resp: 697070

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.6

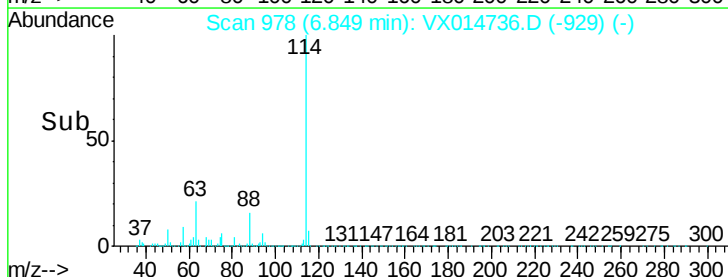
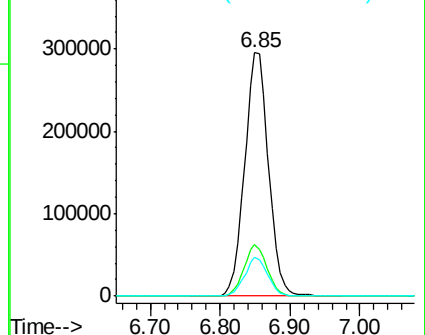
88 15.7 0.0 31.2

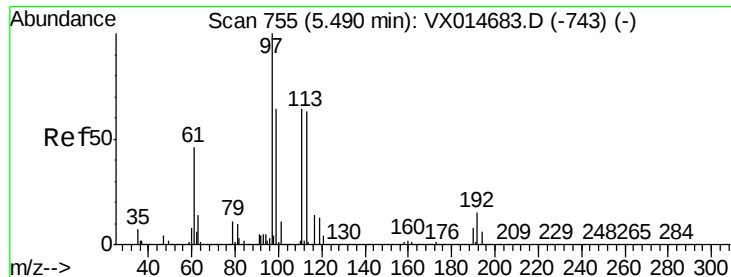


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.493 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014736.D

Acq: 27 Jan 2020 19:00

Instrument :

MSVOA_X

ClientSampled :

40670

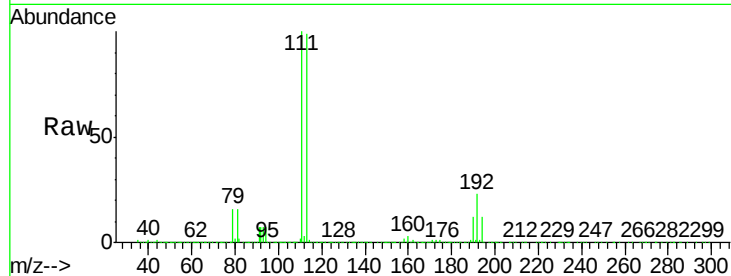
Tot Ion:113 Resp: 213293

Ion Ratio Lower Upper

113 100

111 104.1 80.7 121.1

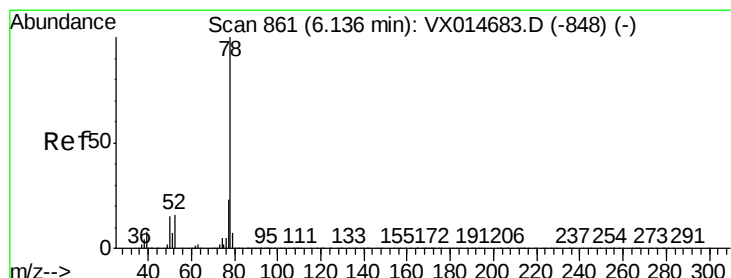
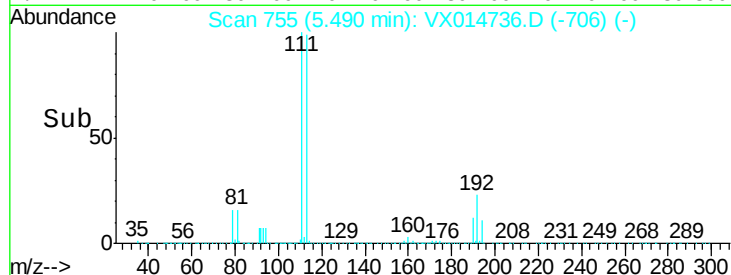
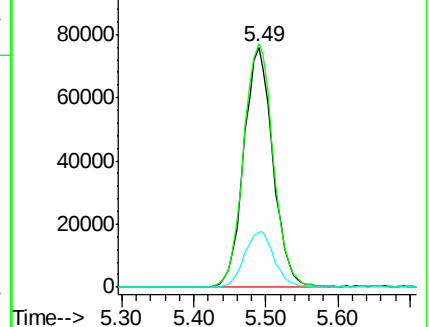
192 23.7 18.5 27.7



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



#40

Benzene

Concen: 0.455 ug/l

RT: 6.14 min Scan# 862

Delta R.T. 0.01 min

Lab File: VX014736.D

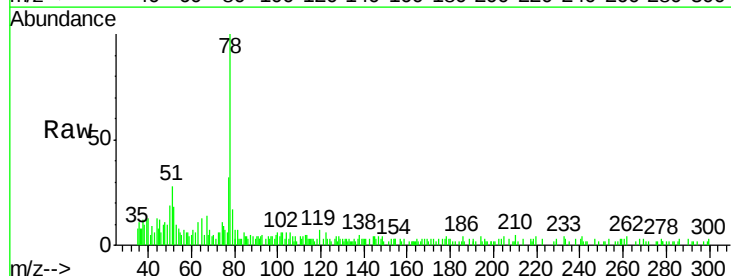
Acq: 27 Jan 2020 19:00

Tgt Ion: 78 Resp: 9110

Ion Ratio Lower Upper

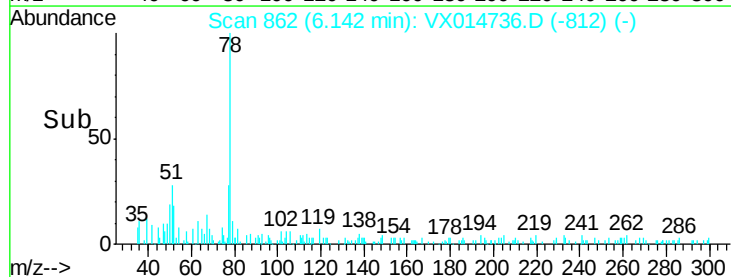
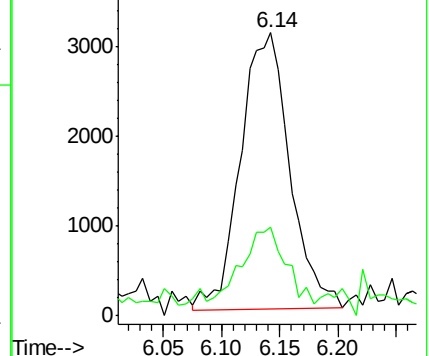
78 100

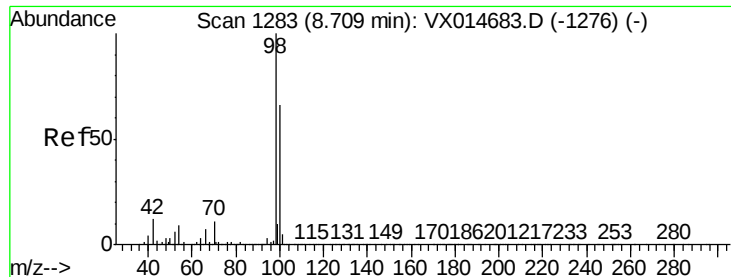
77 26.4 18.7 28.1



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

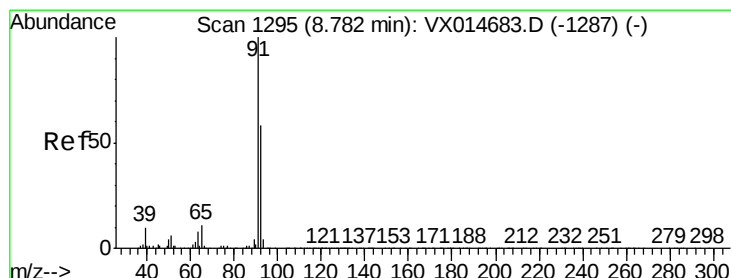
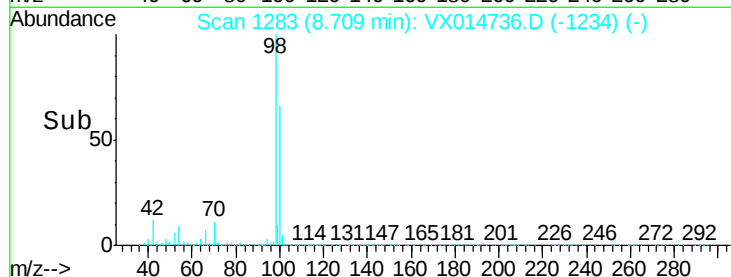
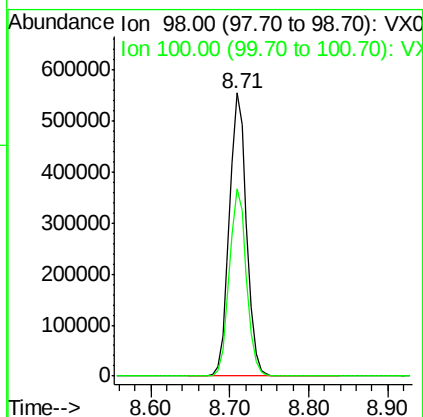
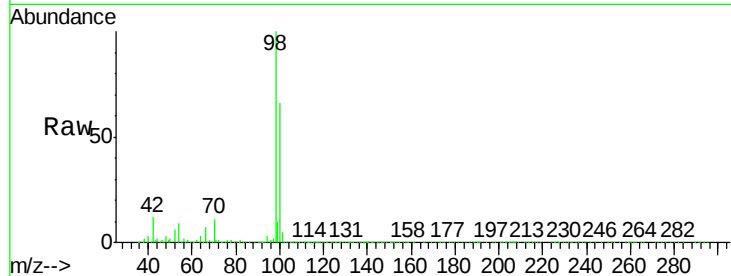




#50
Toluene-d8
Concen: 49.781 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

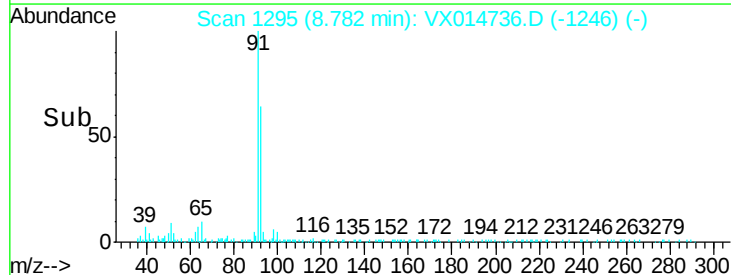
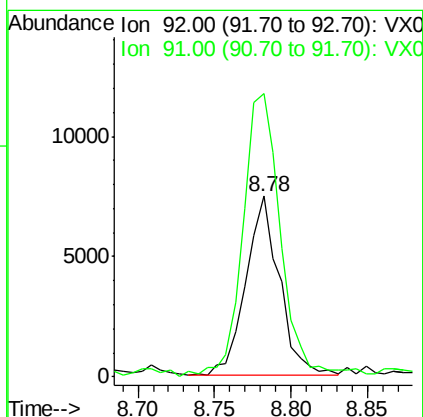
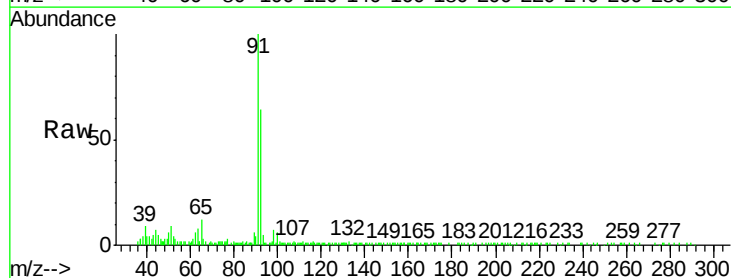
Instrument :
MSVOA_X
ClientSampled :
40670

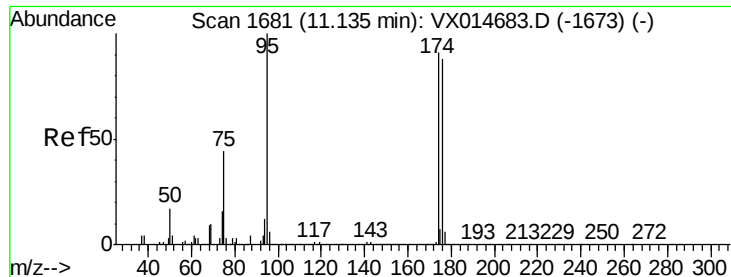
Tot Ion: 98 Resp: 841763
Ion Ratio Lower Upper
98 100
100 65.6 53.0 79.6



#52
Toluene
Concen: 0.935 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Tgt Ion: 92 Resp: 11498
Ion Ratio Lower Upper
92 100
91 177.8 135.9 203.9

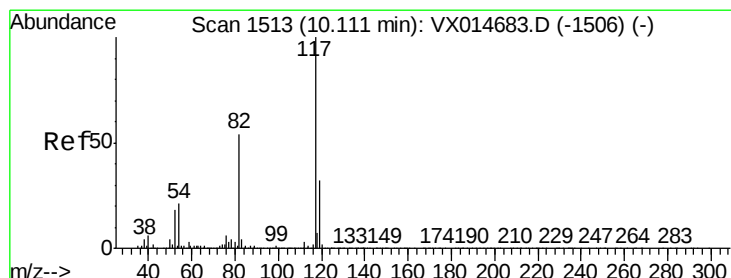
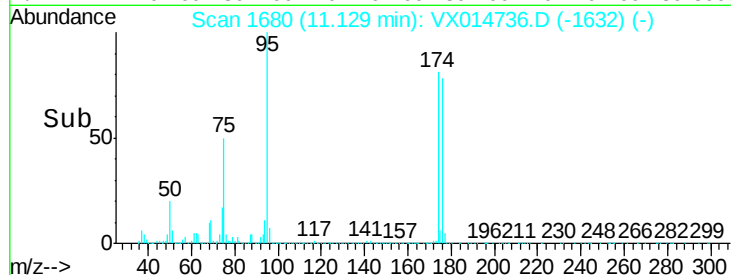
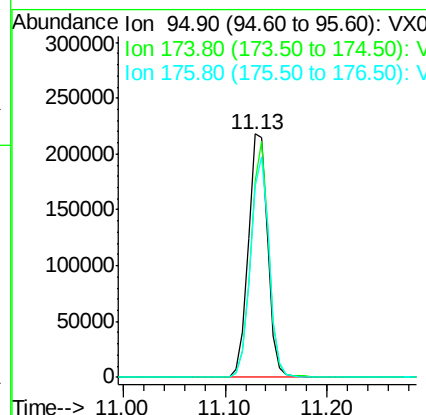
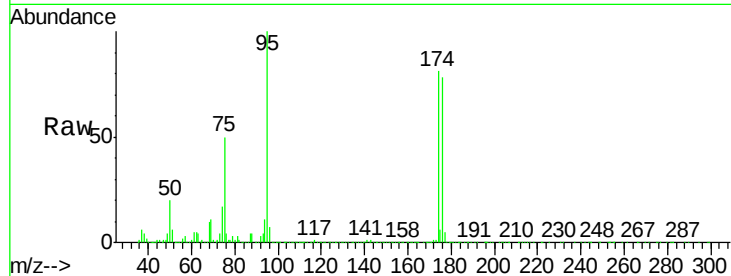




#62
4-Bromofluorobenzene
Concen: 47.146 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. -0.01 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

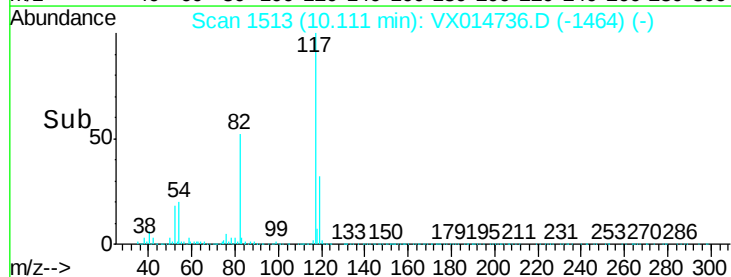
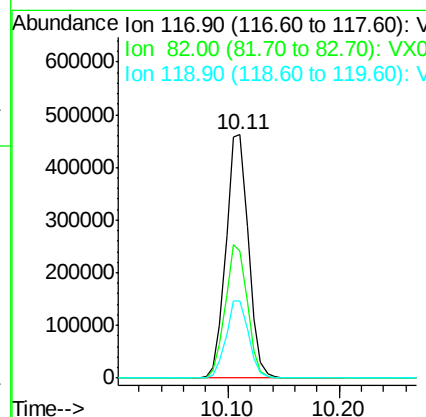
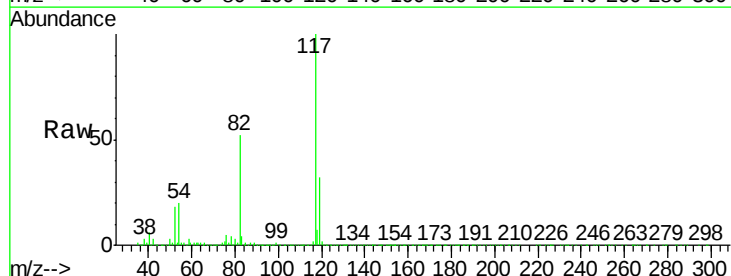
Instrument :
MSVOA_X
ClientSampleId :
40670

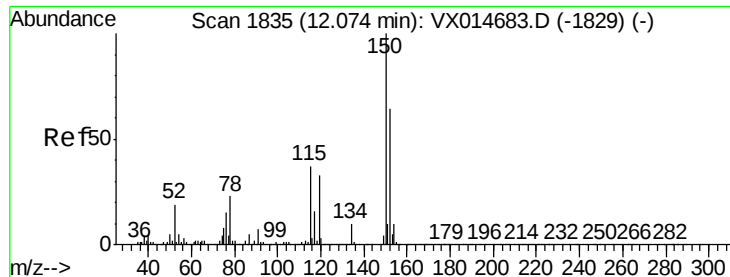
Tot Ion	Ratio	Lower	Upper
95	100		
174	90.3	0.0	176.0
176	87.8	0.0	172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Tgt Ion	Ratio	Lower	Upper
117	100		
82	52.1	43.2	64.8
119	31.8	25.8	38.6



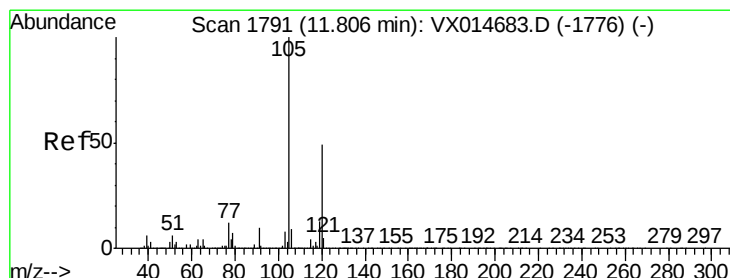
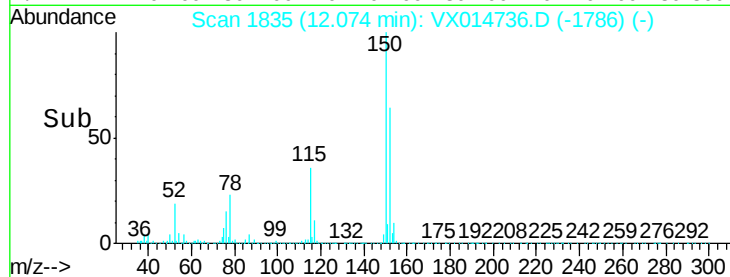
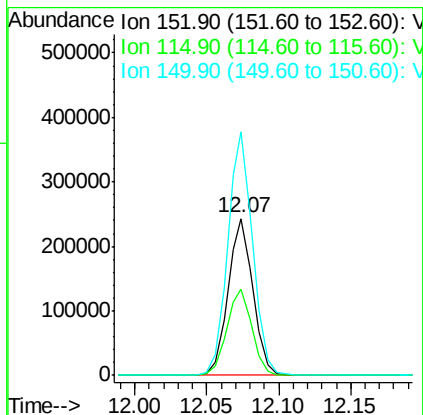
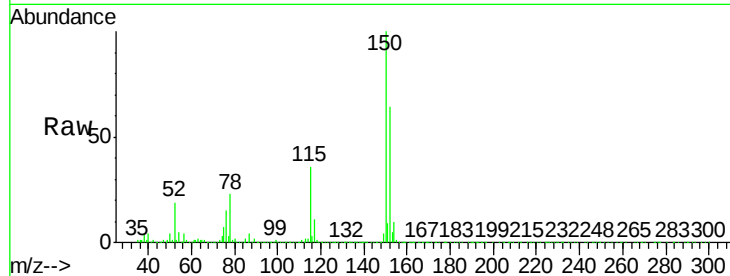


#72

1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Instrument :
MSVOA_X
ClientSampleId :
40670

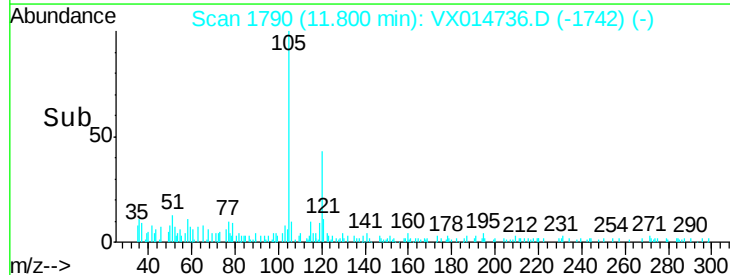
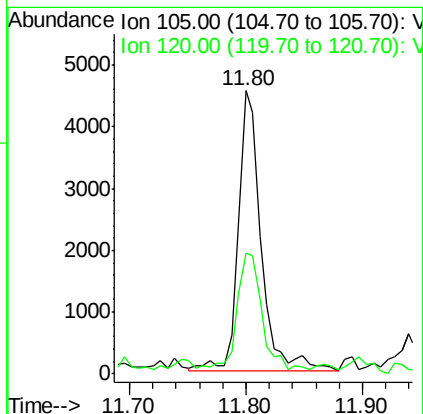
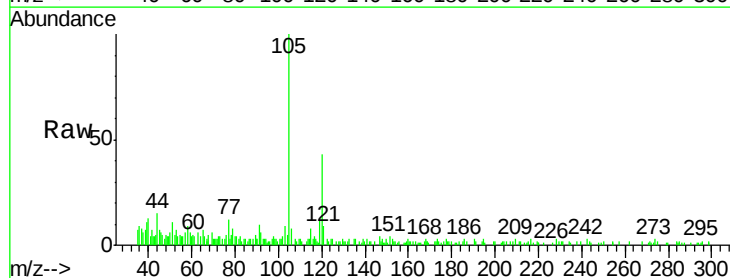
Tot Ion	Ratio	Lower	Upper
152	100		
115	56.1	39.4	118.1
150	155.5	0.0	351.2

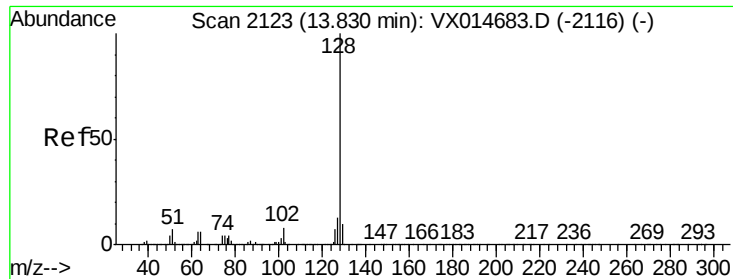


#84

1,2,4-Trimethylbenzene
Concen: 0.356 ug/l
RT: 11.80 min Scan# 1790
Delta R.T. -0.01 min
Lab File: VX014736.D
Acq: 27 Jan 2020 19:00

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.8	23.4	70.0





#95

Naphthalene

Concen: 1.105 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. 0.00 min

Lab File: VX014736.D

Acq: 27 Jan 2020 19:00

Instrument :

MSVOA_X

ClientSampleId :

40670

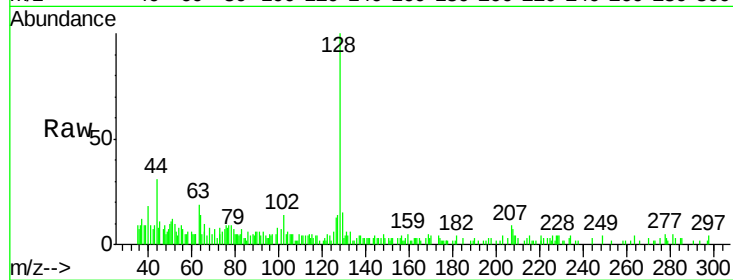
Tot Ion:128 Resp: 3659

Ion Ratio Lower Upper

128 100

127 20.4 10.3 15.5#

129 0.0 8.6 12.8#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

