

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073020\
 Data File : VX017678.D
 Acq On : 30 Jul 2020 12:54
 Operator : JC/SP
 Sample : L3514-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10S

Quant Time: Jul 31 11:35:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

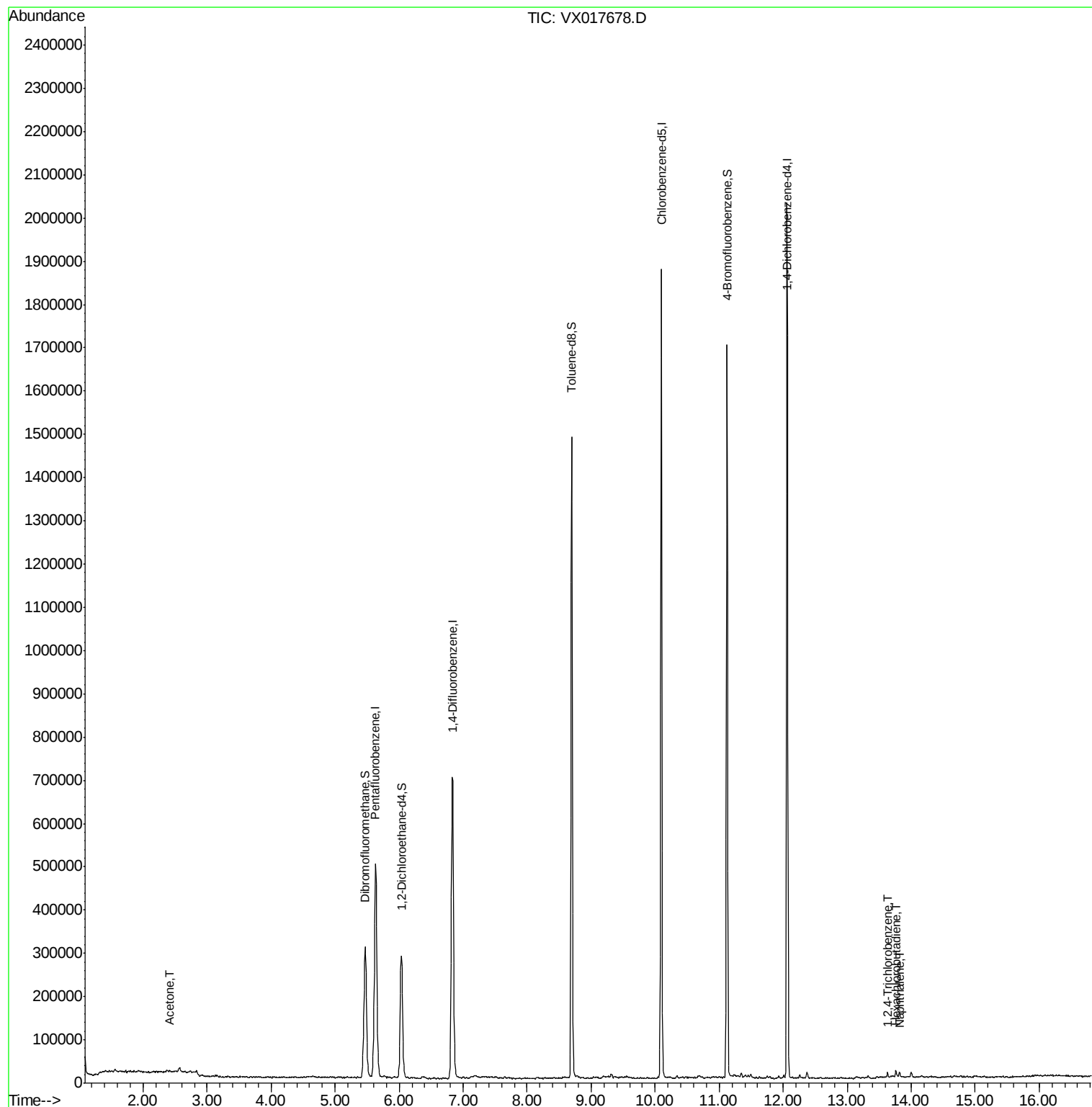
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	468747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	702267	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	825956	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	414353	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	297511	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
35) Dibromofluoromethane	5.46	113	263710	56.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.30%	
50) Toluene-d8	8.70	98	867216	51.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.36%	
62) 4-Bromofluorobenzene	11.12	95	413558	60.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.98%	
Target Compounds						
16) Acetone	2.42	43	6597	2.489	ug/l	91
93) 1,2,4-Trichlorobenzene	13.63	180	3115	0.340	ug/l	94
94) Hexachlorobutadiene	13.77	225	1809	0.429	ug/l	90
95) Naphthalene	13.82	128	6214	0.227	ug/l	96

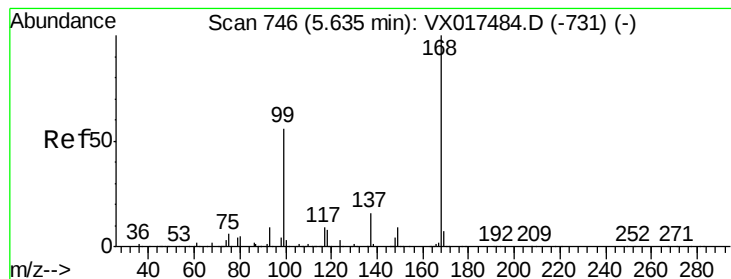
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX073020\
Data File : VX017678.D
Acq On : 30 Jul 2020 12:54
Operator : JC/SP
Sample : L3514-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PK-10S

Quant Time: Jul 31 11:35:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 24 05:48:09 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX017678.D

Acq: 30 Jul 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

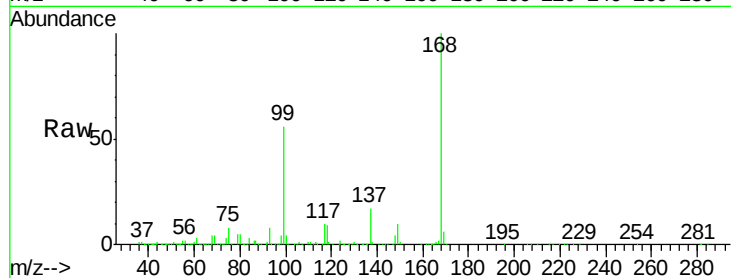
PK-10S

Tot Ion:168 Resp: 468747

Ion Ratio Lower Upper

168 100

99 55.9 43.4 65.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

150000

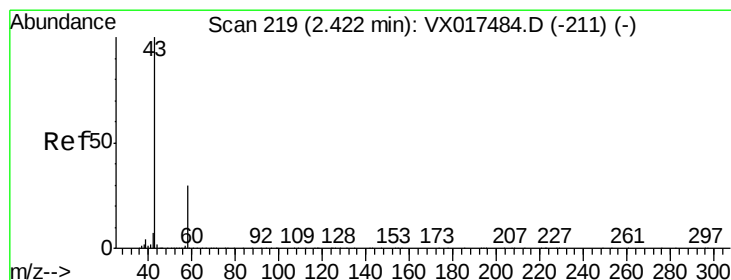
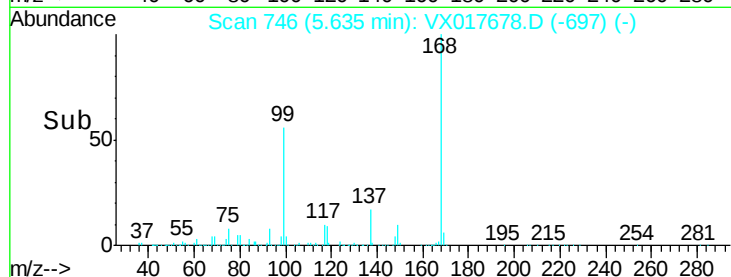
100000

50000

0

Time-->

5.50 5.60 5.70



#16

Acetone

Concen: 2.489 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX017678.D

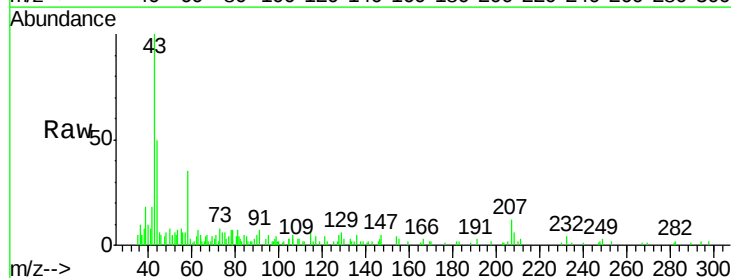
Acq: 30 Jul 2020 12:54

Tgt Ion: 43 Resp: 6597

Ion Ratio Lower Upper

43 100

58 35.4 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

4000

3000

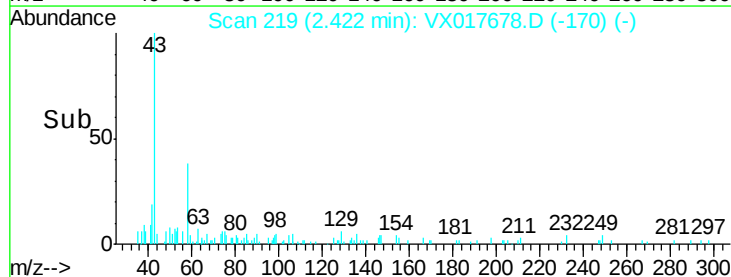
2000

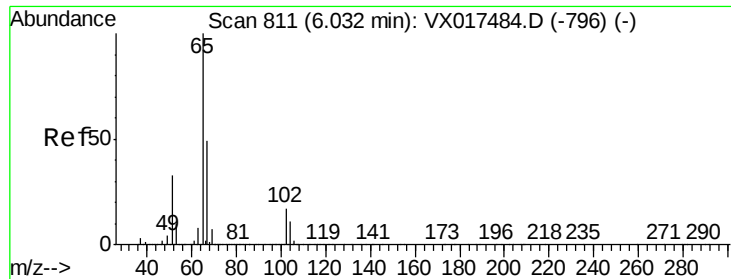
1000

0

Time-->

2.35 2.40 2.45

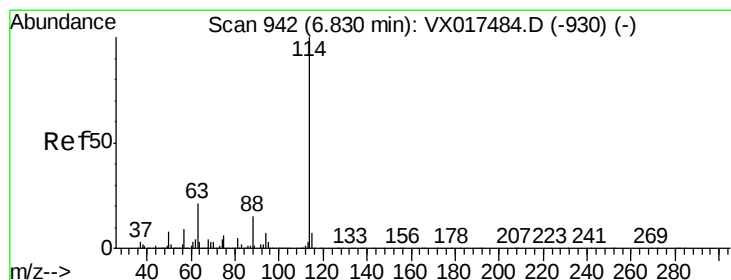
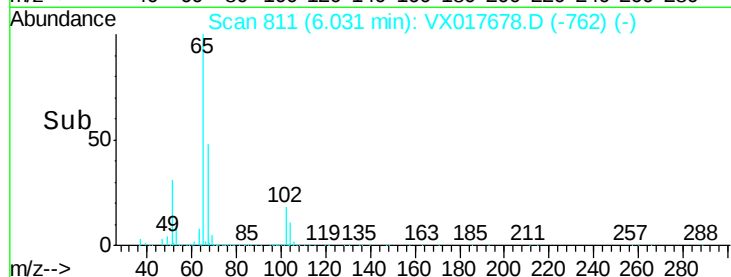
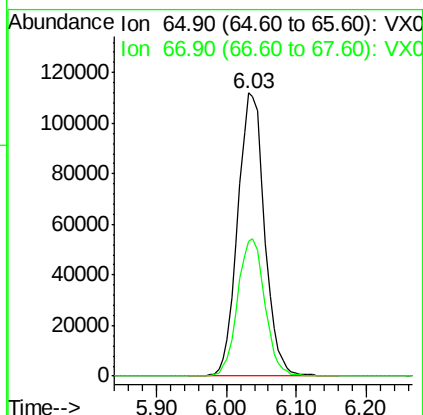
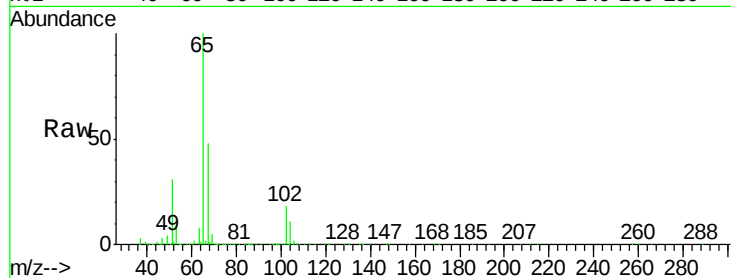




#33
 1,2-Dichloroethane-d4
 Concen: 49.410 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX017678.D
 Acq: 30 Jul 2020 12:54

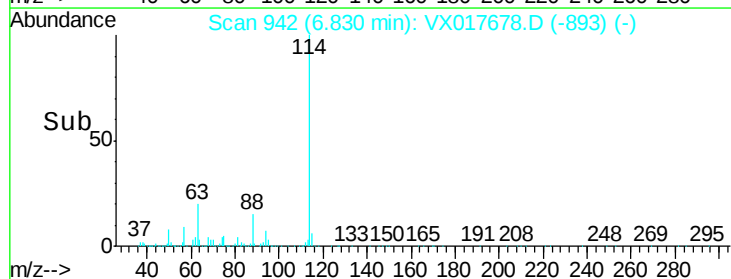
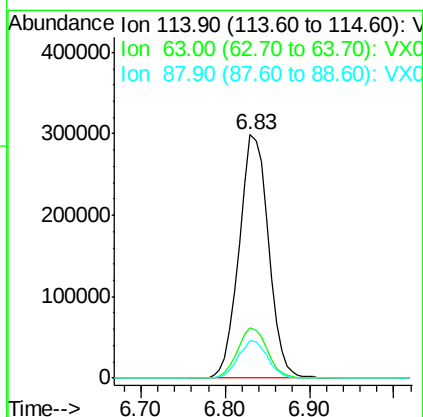
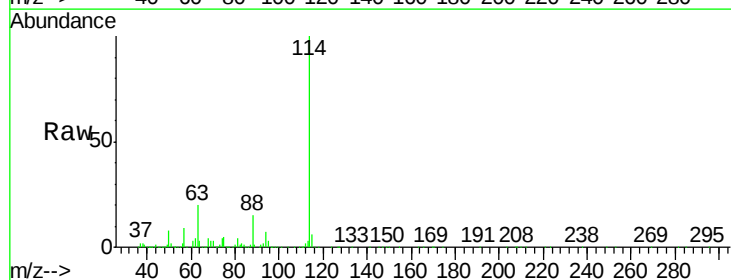
Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10S

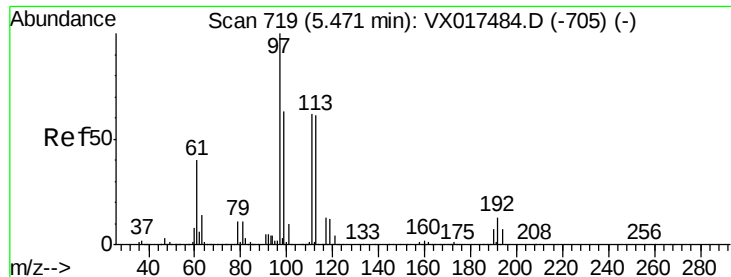
Tot Ion: 65 Resp: 297511
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 102.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX017678.D
 Acq: 30 Jul 2020 12:54

Tgt Ion: 114 Resp: 702267
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.6
 88 15.4 0.0 33.4

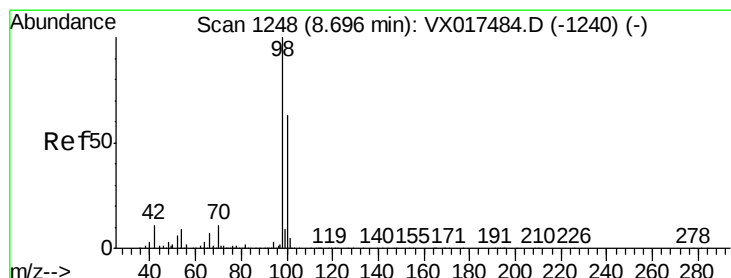
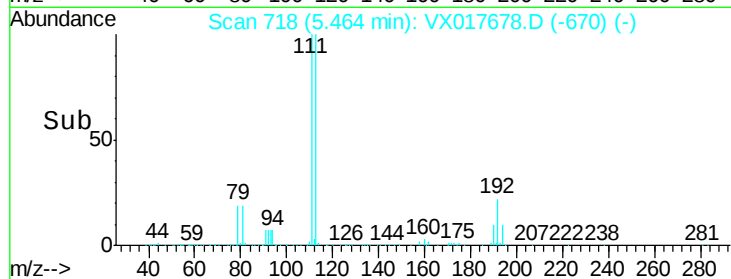
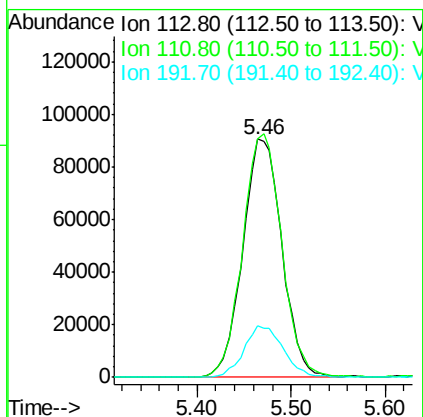
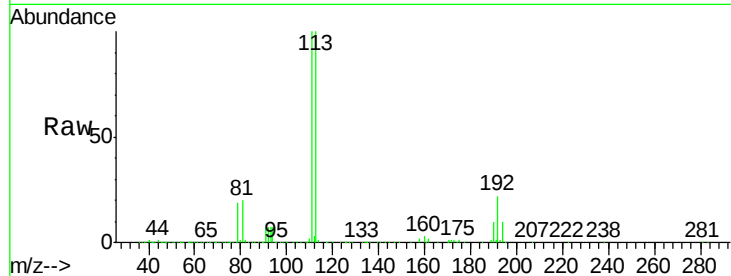




#35
Dibromofluoromethane
Concen: 56.147 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

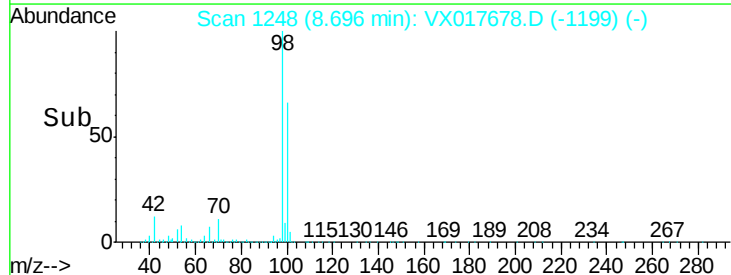
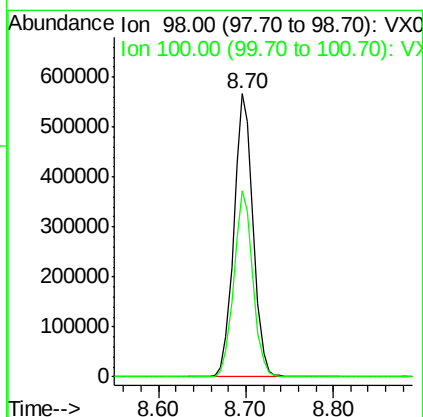
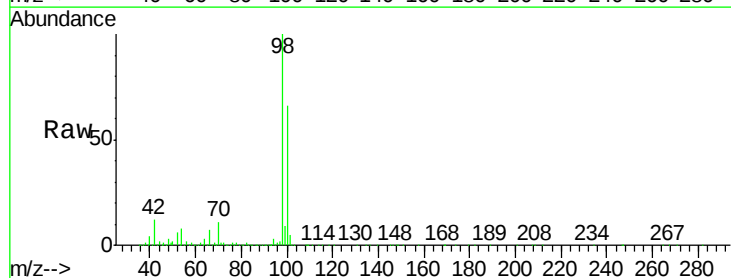
Instrument :
MSVOA_X
ClientSampleId :
PK-10S

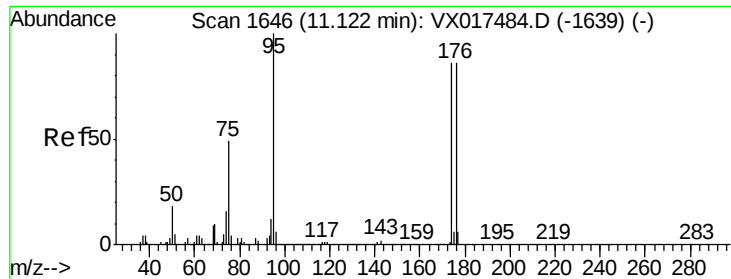
Tot Ion:113 Resp: 263710
Ion Ratio Lower Upper
113 100
111 102.3 80.7 121.1
192 21.8 16.9 25.3



#50
Toluene-d8
Concen: 51.183 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Tgt Ion: 98 Resp: 867216
Ion Ratio Lower Upper
98 100
100 65.0 52.3 78.5





#62

4-Bromofluorobenzene

Concen: 60.989 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX017678.D

Acq: 30 Jul 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

PK-10S

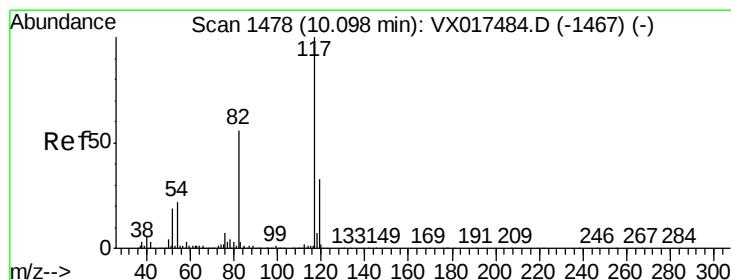
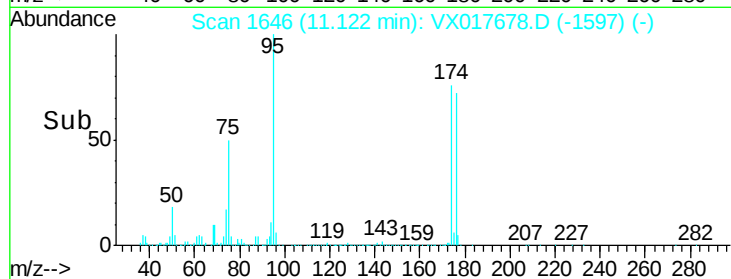
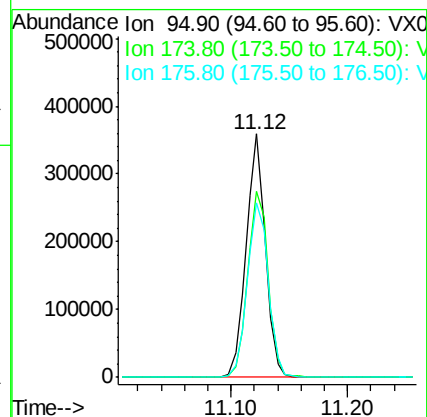
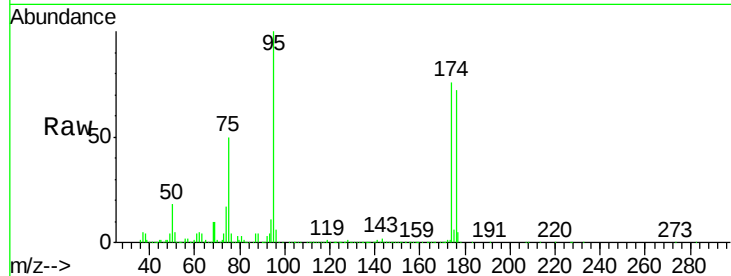
Tot Ion: 95 Resp: 413558

Ion Ratio Lower Upper

95 100

174 82.2 0.0 169.0

176 78.5 0.0 161.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017678.D

Acq: 30 Jul 2020 12:54

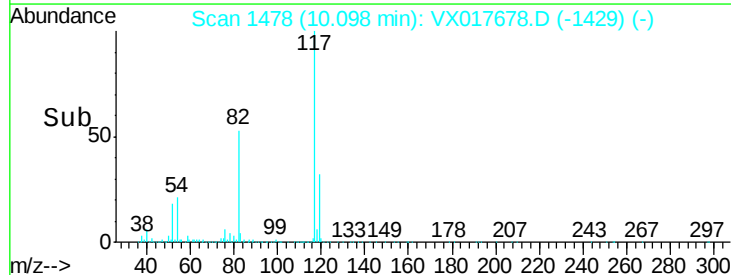
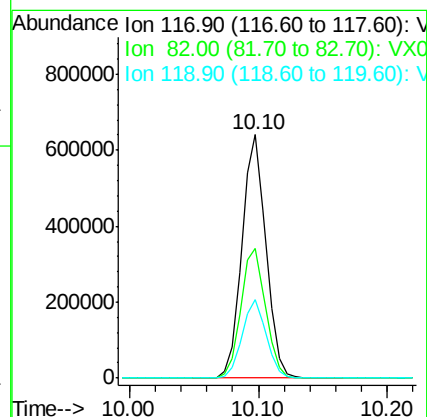
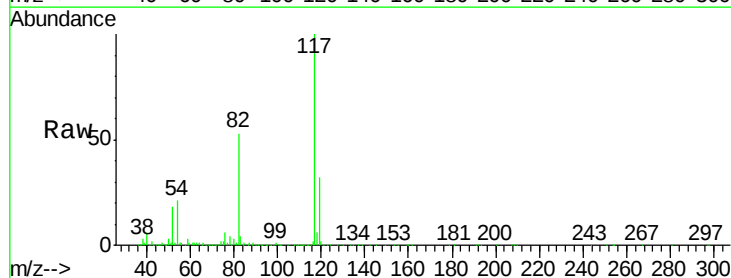
Tgt Ion: 117 Resp: 825956

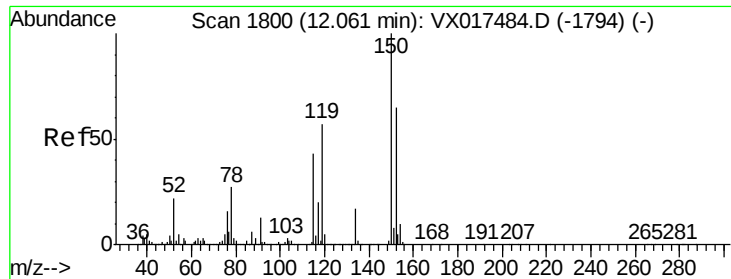
Ion Ratio Lower Upper

117 100

82 53.1 44.0 66.0

119 32.3 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX017678.D

Acq: 30 Jul 2020 12:54

Instrument :

MSVOA_X

ClientSampleId :

PK-10S

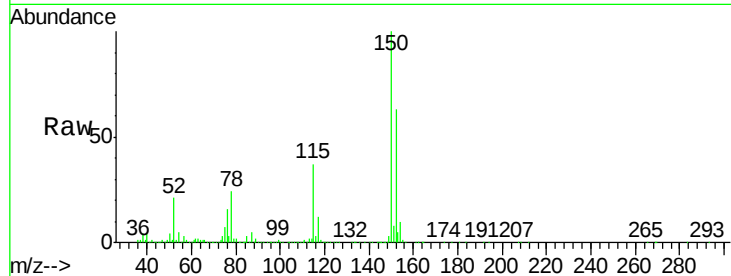
Tot Ion:152 Resp: 414353

Ion Ratio Lower Upper

152 100

115 56.9 65.5 196.6#

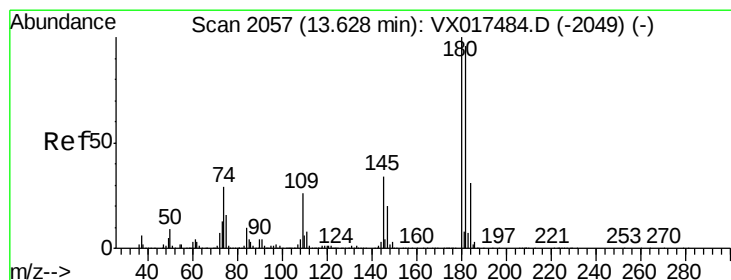
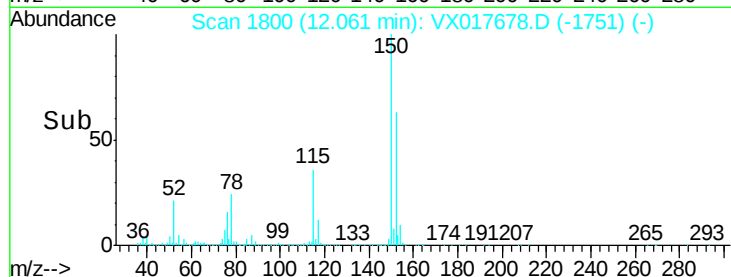
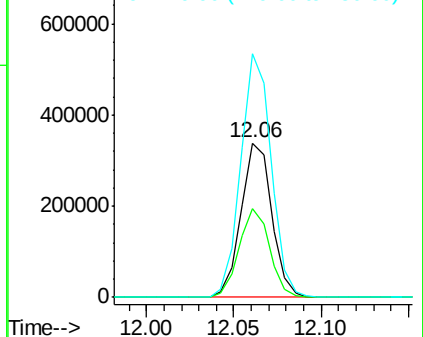
150 156.1 0.0 412.6



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



#93

1,2,4-Trichlorobenzene

Concen: 0.340 ug/l

RT: 13.63 min Scan# 2057

Delta R.T. -0.00 min

Lab File: VX017678.D

Acq: 30 Jul 2020 12:54

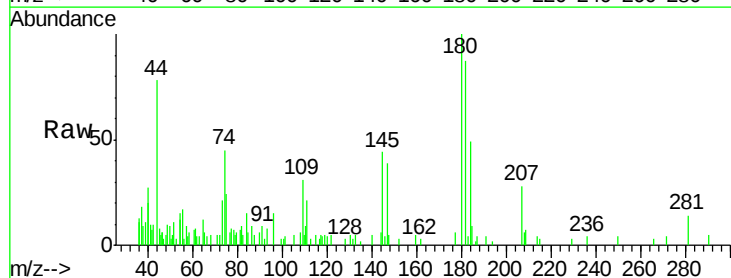
Tgt Ion:180 Resp: 3115

Ion Ratio Lower Upper

180 100

182 88.6 47.5 142.6

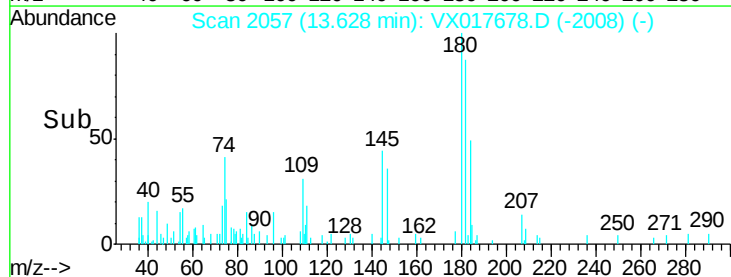
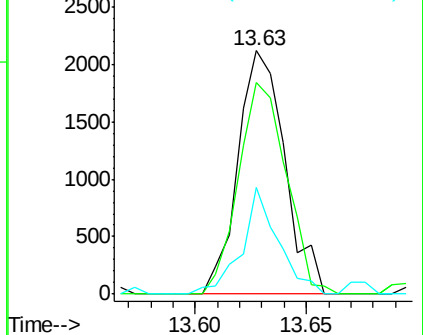
145 34.0 15.4 46.4

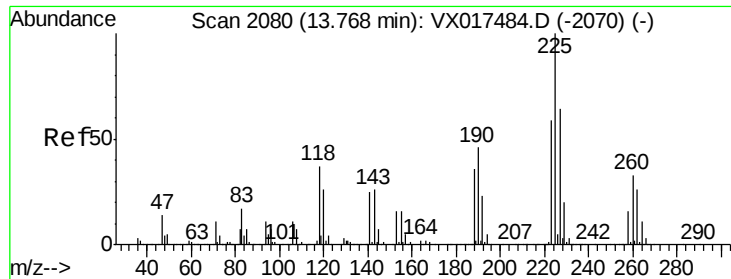


Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

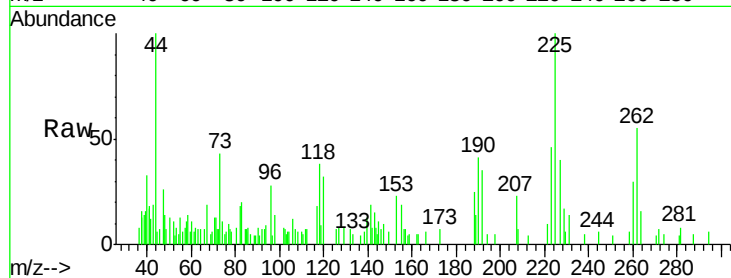




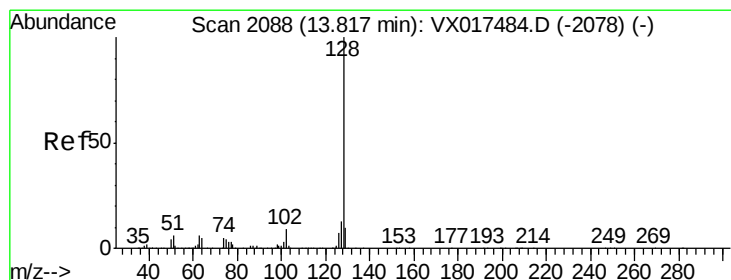
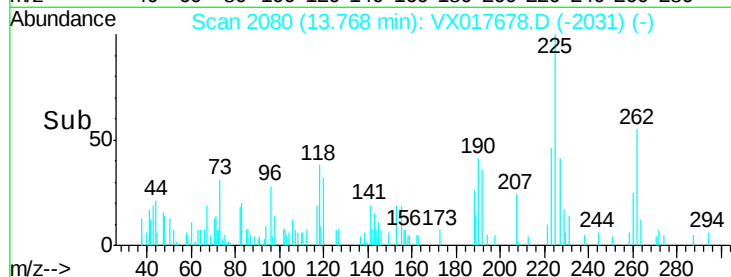
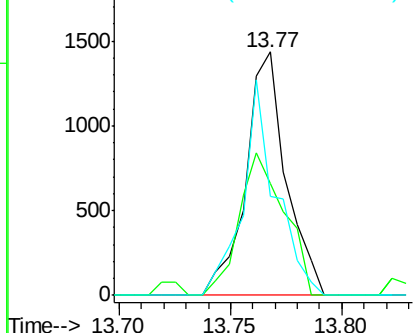
#94
Hexachlorobutadiene
Concen: 0.429 ug/l
RT: 13.77 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Instrument :
MSVOA_X
ClientSampleId :
PK-10S

Tot Ion:225 Resp: 1809
Ion Ratio Lower Upper
225 100
223 65.5 30.3 90.9
227 73.0 31.1 93.2

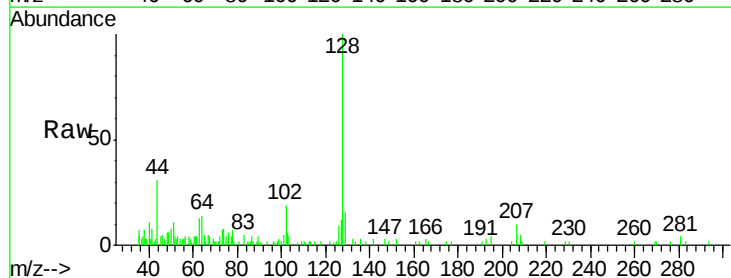


Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95
Naphthalene
Concen: 0.227 ug/l
RT: 13.82 min Scan# 2088
Delta R.T. -0.00 min
Lab File: VX017678.D
Acq: 30 Jul 2020 12:54

Tgt Ion:128 Resp: 6214
Ion Ratio Lower Upper
128 100
127 11.1 10.4 15.6
129 12.2 8.9 13.3



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

