

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091820\
 Data File : VX018493.D
 Acq On : 18 Sep 2020 15:32
 Operator : JC/SP
 Sample : L3939-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAV-B44-090820-GW

Quant Time: Sep 21 07:11:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

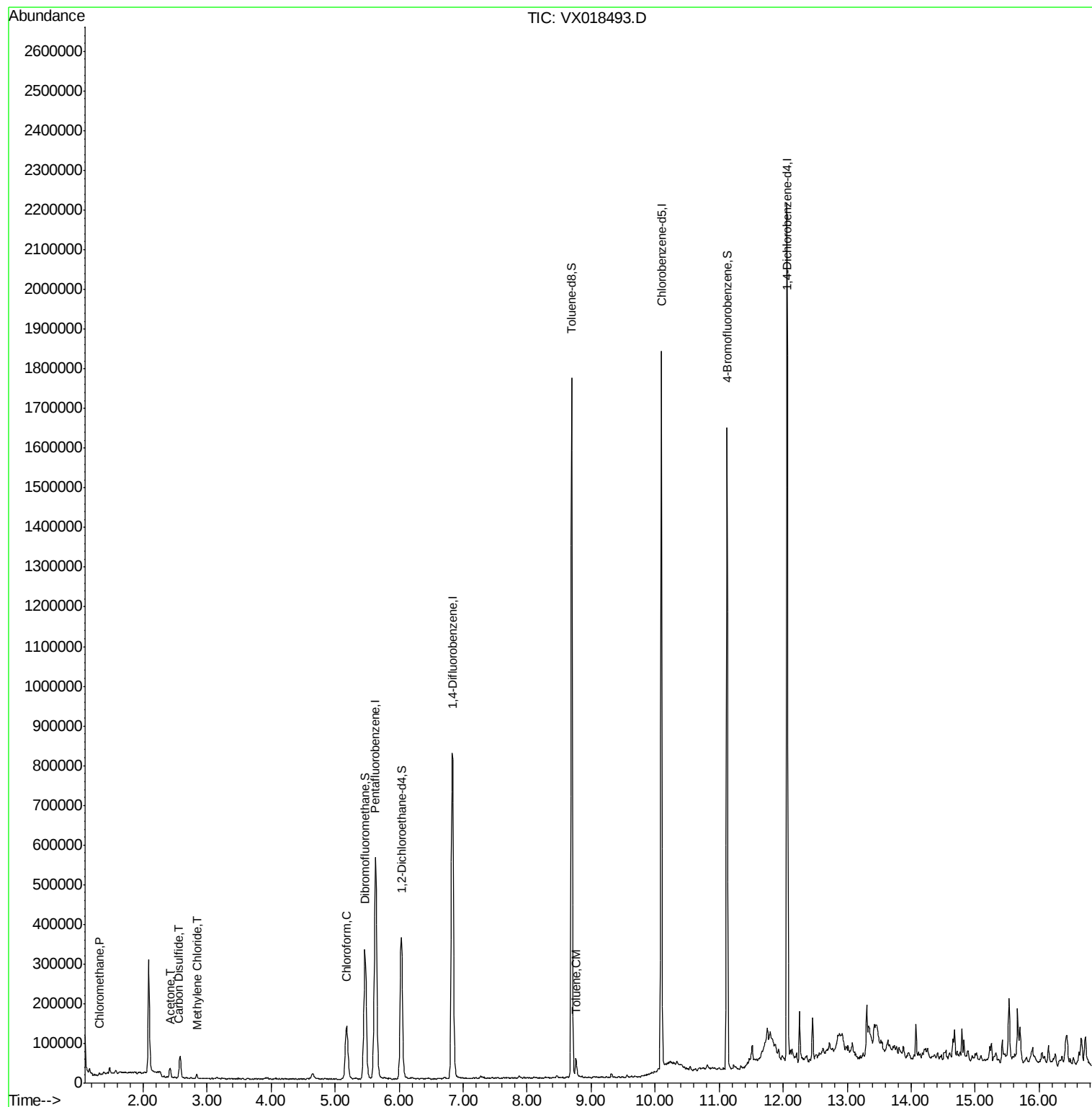
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	526429	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	843659	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	804438	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	427726	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	364705	48.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.94%	
35) Dibromofluoromethane	5.47	113	283181	48.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.10%	
50) Toluene-d8	8.70	98	1018042	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
62) 4-Bromofluorobenzene	11.12	95	413927	49.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.22%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.31	50	3417	0.585	ug/l #	84
16) Acetone	2.42	43	28178	9.894	ug/l	93
17) Carbon Disulfide	2.56	76	7474	0.491	ug/l #	93
20) Methylene Chloride	2.84	84	4781	0.761	ug/l	91
30) Chloroform	5.18	83	165721	15.251	ug/l	100
52) Toluene	8.76	92	13728	0.930	ug/l	92

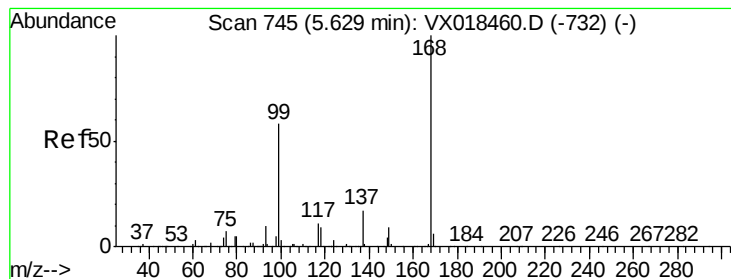
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018493.D

Acq: 18 Sep 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

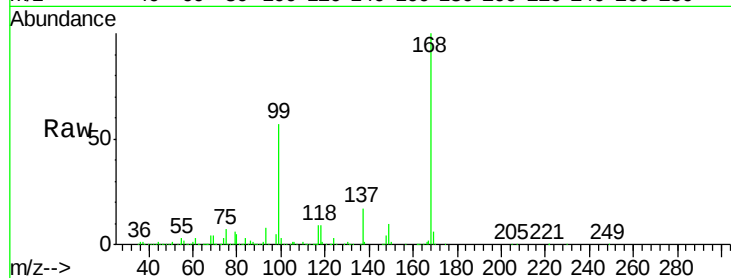
PAV-B44-090820-GW

Tot Ion:168 Resp: 526429

Ion Ratio Lower Upper

168 100

99 57.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

200000

150000

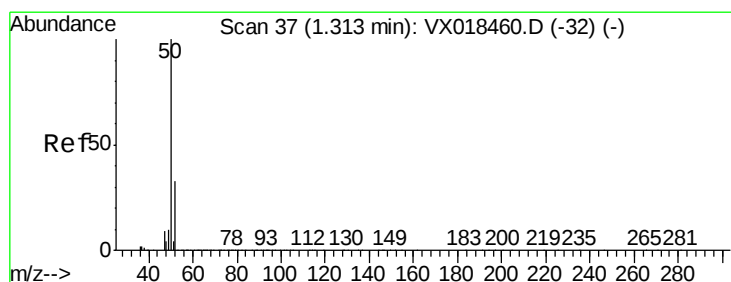
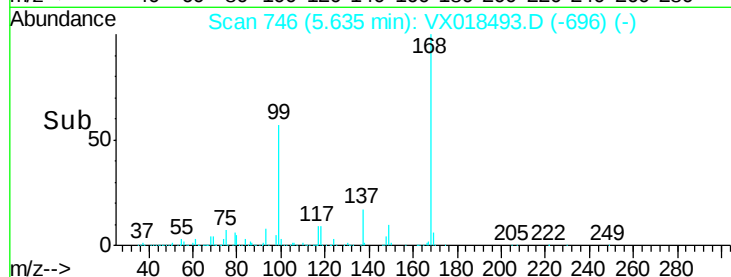
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.585 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX018493.D

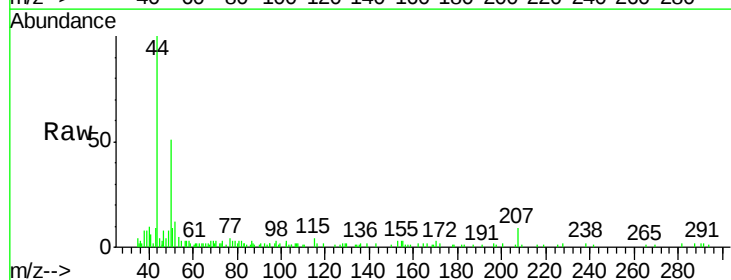
Acq: 18 Sep 2020 15:32

Tgt Ion: 50 Resp: 3417

Ion Ratio Lower Upper

50 100

52 24.3 26.6 40.0#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

3000

2500

2000

1500

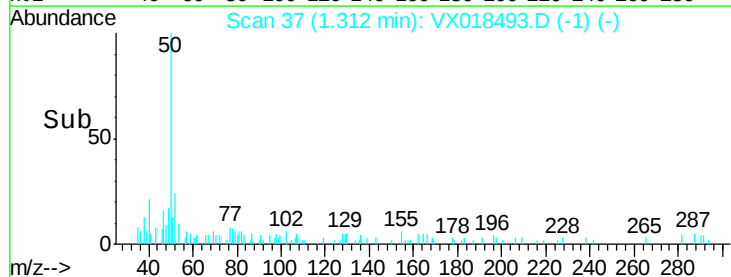
1000

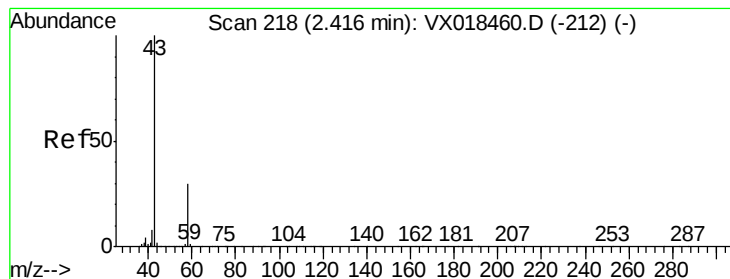
500

0

Time-->

1.25 1.30 1.35





#16

Acetone

Concen: 9.894 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX018493.D

Acq: 18 Sep 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

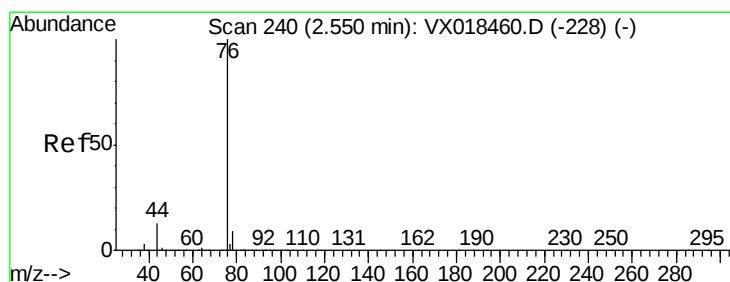
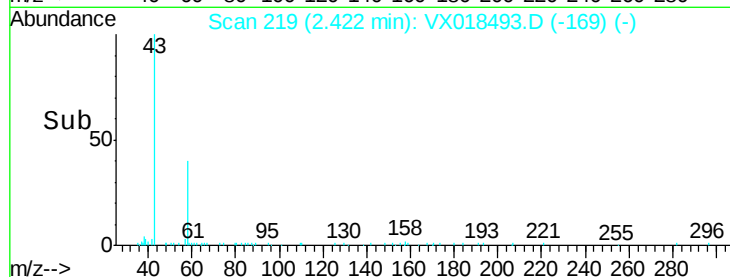
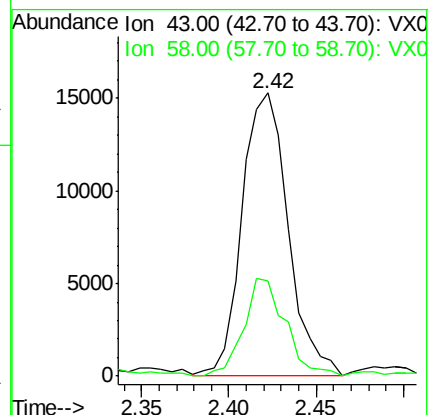
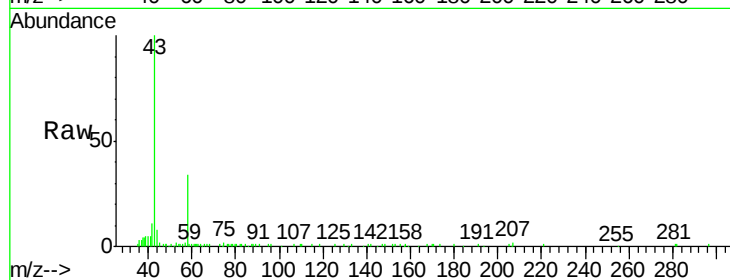
PAV-B44-090820-GW

Tot Ion: 43 Resp: 28178

Ion Ratio Lower Upper

43 100

58 33.6 24.0 36.0



#17

Carbon Disulfide

Concen: 0.491 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX018493.D

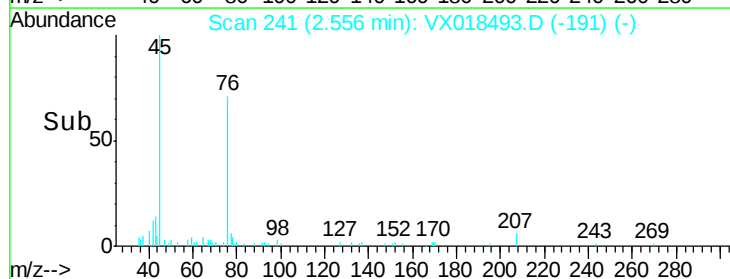
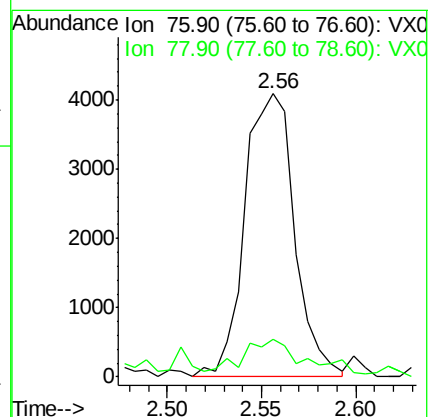
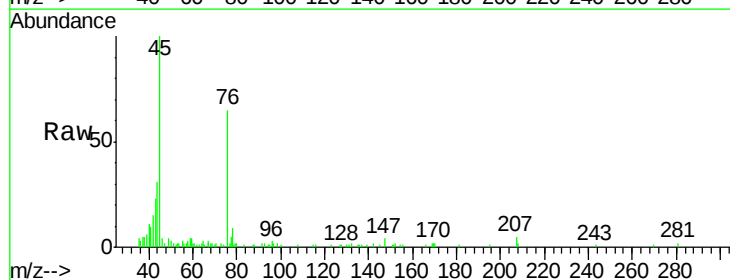
Acq: 18 Sep 2020 15:32

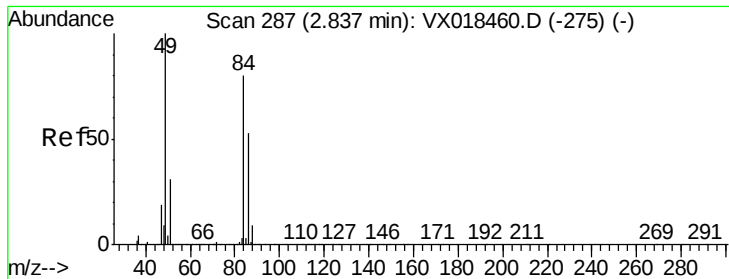
Tgt Ion: 76 Resp: 7474

Ion Ratio Lower Upper

76 100

78 11.2 7.0 10.4#

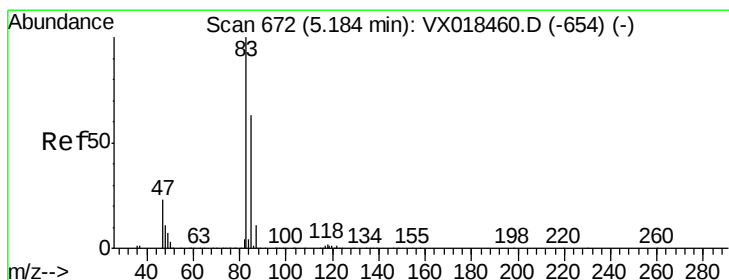
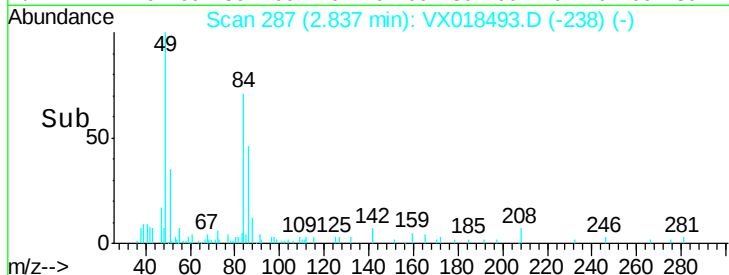
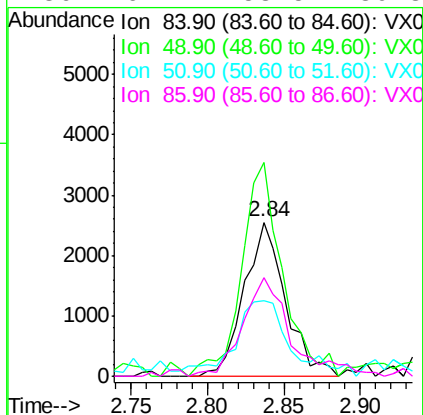
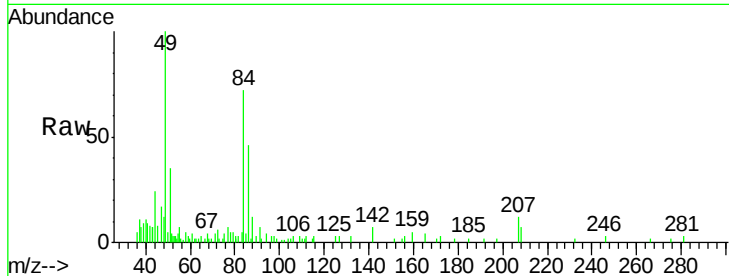




#20
Methvlene Chloride
Concen: 0.761 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX018493.D
Acq: 18 Sep 2020 15:32

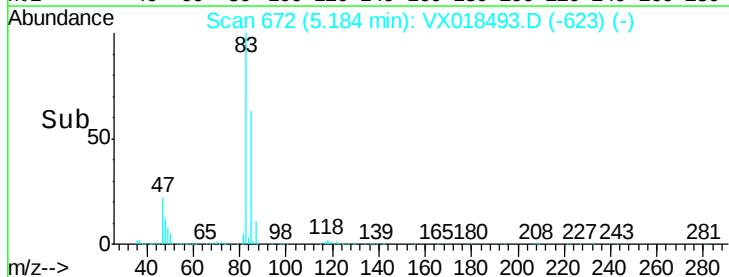
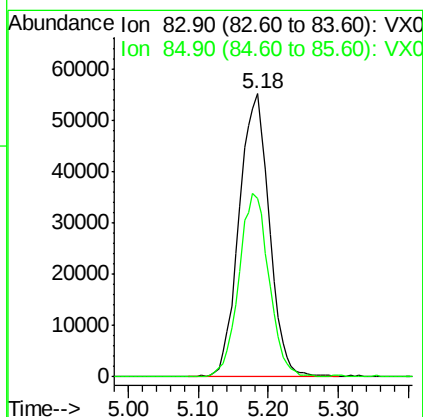
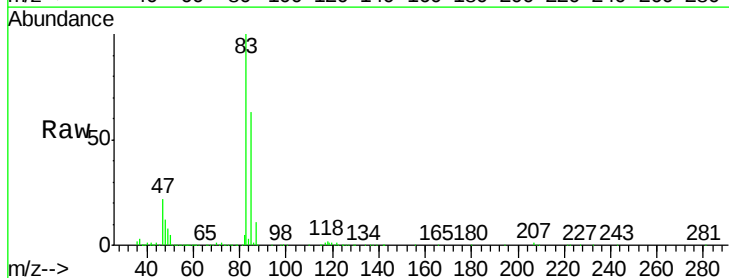
Instrument :
MSVOA_X
ClientSampleId :
PAV-B44-090820-GW

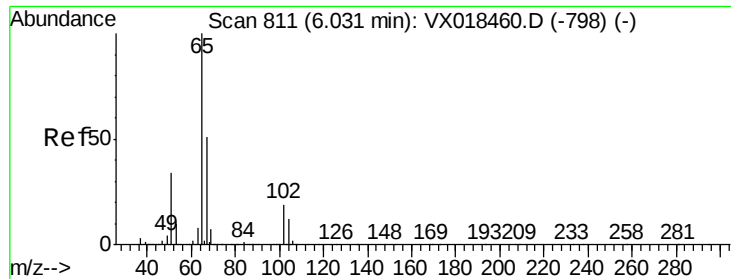
Tot Ion:	84	Resp:	4781
Ion	Ratio	Lower	Upper
84	100		
49	138.9	100.6	151.0
51	43.8	30.9	46.3
86	64.2	53.5	80.3



#30
Chloroform
Concen: 15.251 ug/l
RT: 5.18 min Scan# 672
Delta R.T. -0.00 min
Lab File: VX018493.D
Acq: 18 Sep 2020 15:32

Tgt Ion:	83	Resp:	165721
Ion	Ratio	Lower	Upper
83	100		
85	63.0	50.6	76.0





#33

1,2-Dichloroethane-d4

Concen: 48.972 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX018493.D

Acq: 18 Sep 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

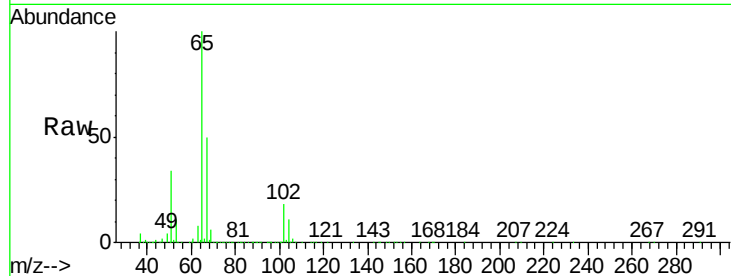
PAV-B44-090820-GW

Tot Ion: 65 Resp: 364705

Ion Ratio Lower Upper

65 100

67 50.4 0.0 105.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.03

150000

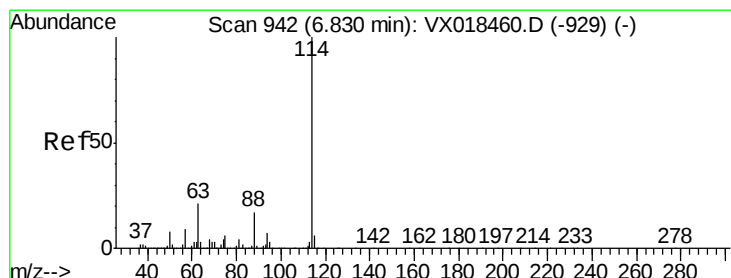
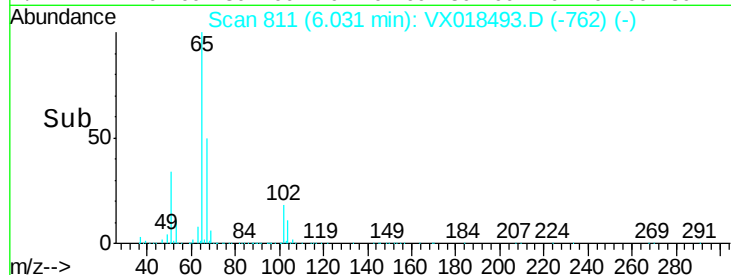
100000

50000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX018493.D

Acq: 18 Sep 2020 15:32

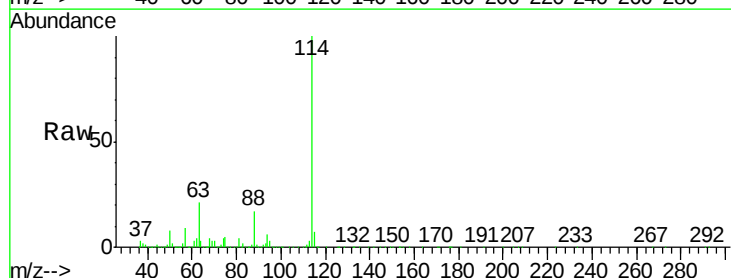
Tgt Ion: 114 Resp: 843659

Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.8

88 16.8 0.0 33.6



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

6.84

400000

300000

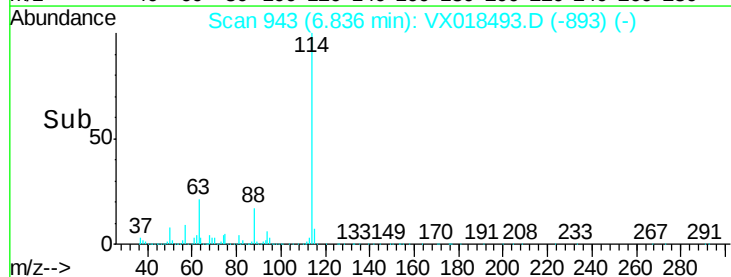
200000

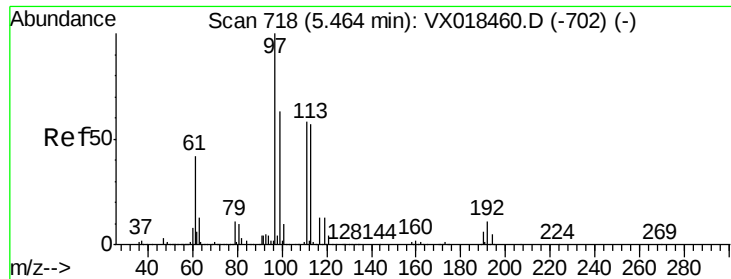
100000

0

Time-->

6.70 6.80 6.90





#35

Dibromofluoromethane

Concen: 48.554 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX018493.D

Acq: 18 Sep 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

PAV-B44-090820-GW

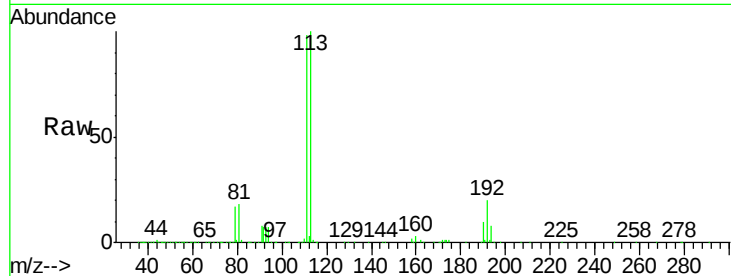
Tot Ion:113 Resp: 283181

Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.2

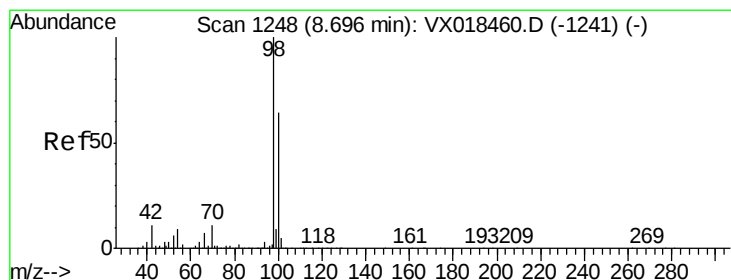
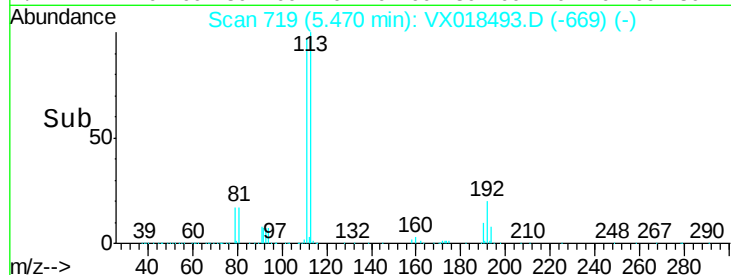
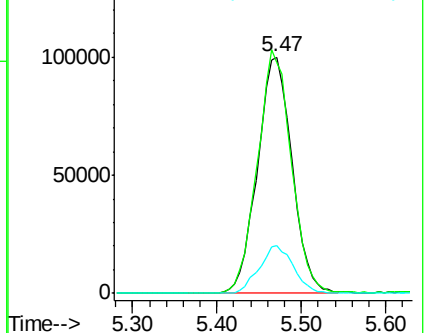
192 20.1 16.6 24.8



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



#50

Toluene-d8

Concen: 48.042 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX018493.D

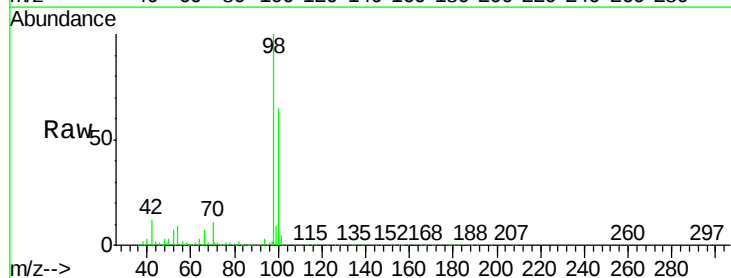
Acq: 18 Sep 2020 15:32

Tgt Ion: 98 Resp: 1018042

Ion Ratio Lower Upper

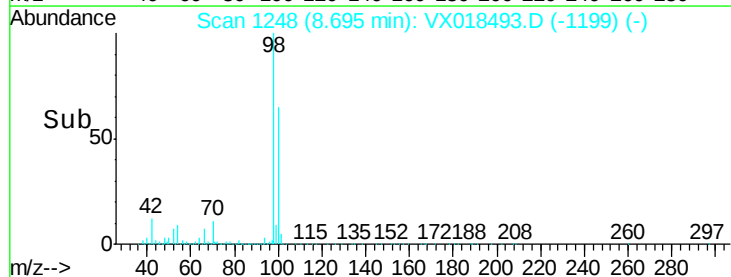
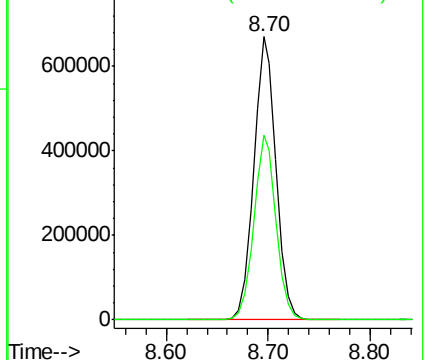
98 100

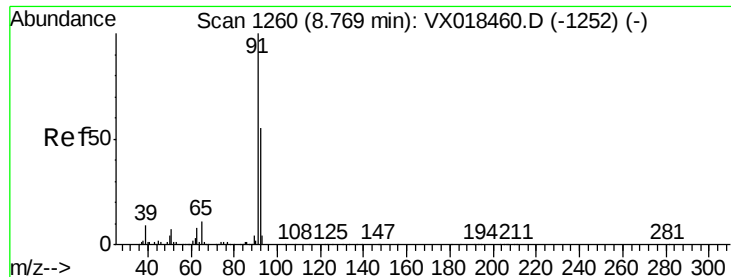
100 65.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.930 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX018493.D

Acq: 18 Sep 2020 15:32

Instrument :

MSVOA_X

ClientSampleId :

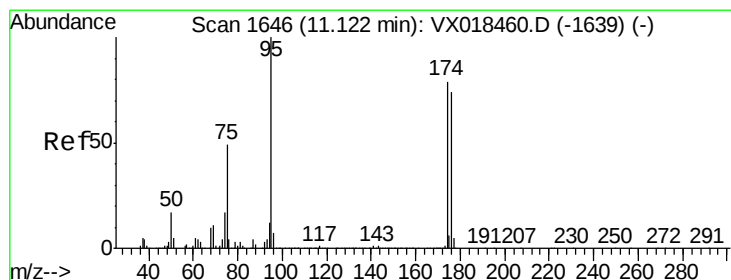
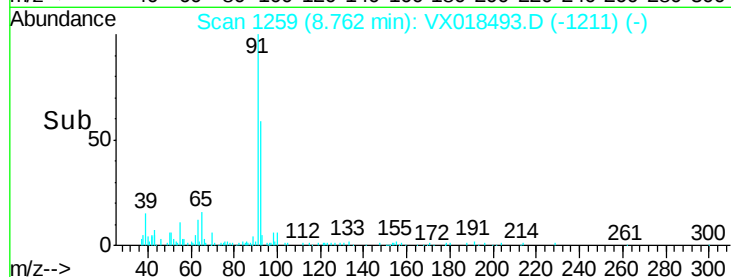
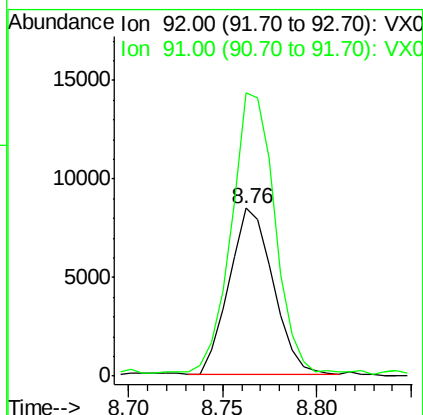
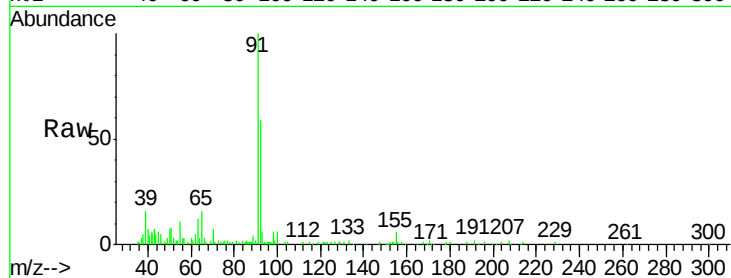
PAV-B44-090820-GW

Tot Ion: 92 Resp: 13728

Ion Ratio Lower Upper

92 100

91 165.2 140.6 210.8



#62

4-Bromofluorobenzene

Concen: 49.106 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX018493.D

Acq: 18 Sep 2020 15:32

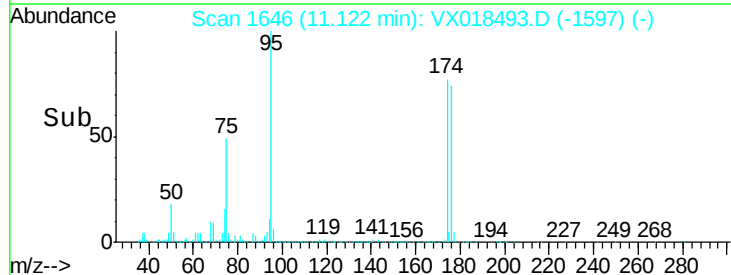
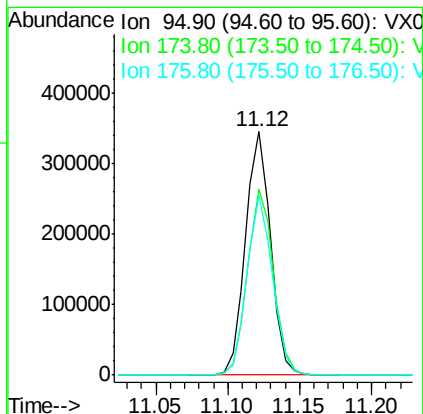
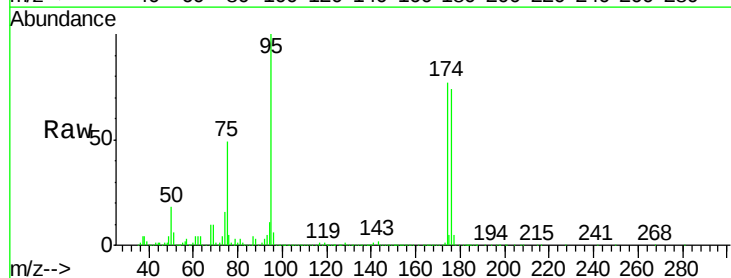
Tgt Ion: 95 Resp: 413927

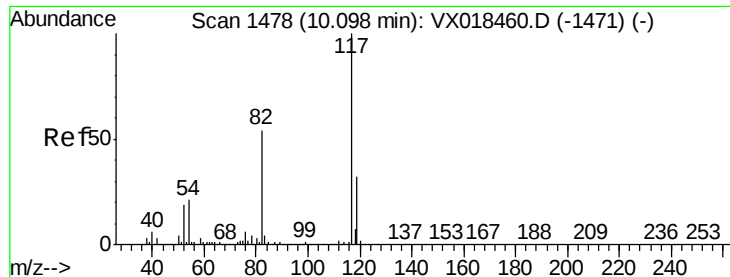
Ion Ratio Lower Upper

95 100

174 79.1 0.0 161.4

176 75.1 0.0 151.4

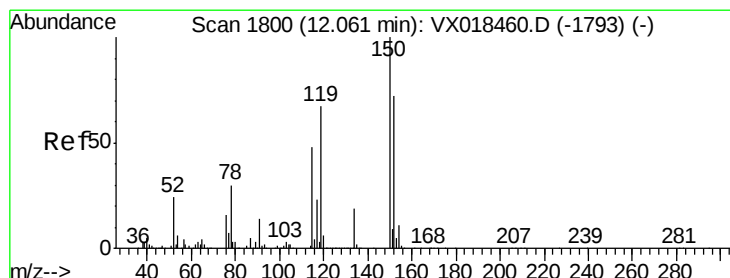
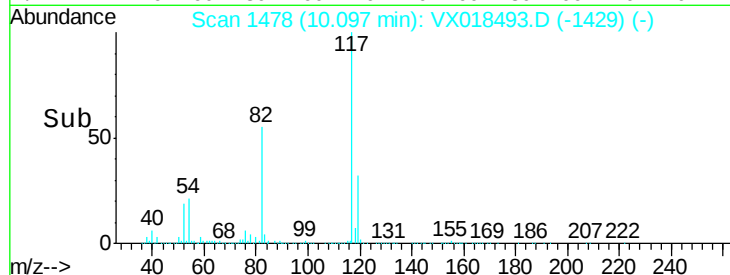
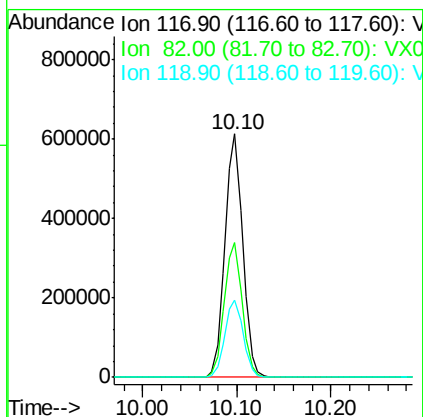
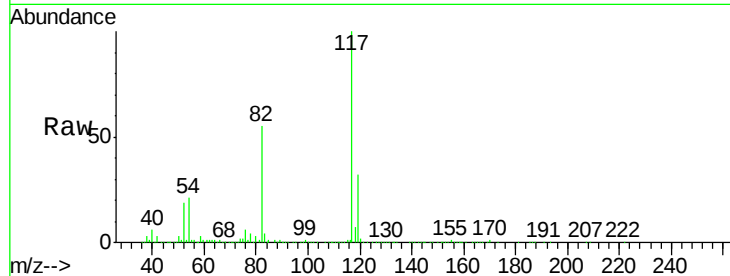




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX018493.D
Acq: 18 Sep 2020 15:32

Instrument :
MSVOA_X
ClientSampleId :
PAV-B44-090820-GW

Tot Ion:117 Resp: 804438
Ion Ratio Lower Upper
117 100
82 55.2 43.3 64.9
119 31.5 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX018493.D
Acq: 18 Sep 2020 15:32

Tgt Ion:152 Resp: 427726
Ion Ratio Lower Upper
152 100
115 59.4 41.8 125.4
150 159.6 0.0 342.4

