

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091720\
 Data File : VX018472.D
 Acq On : 17 Sep 2020 17:32
 Operator : JC/SP
 Sample : L4038-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAV-B36-091620-0-1

Quant Time: Sep 18 07:09:32 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

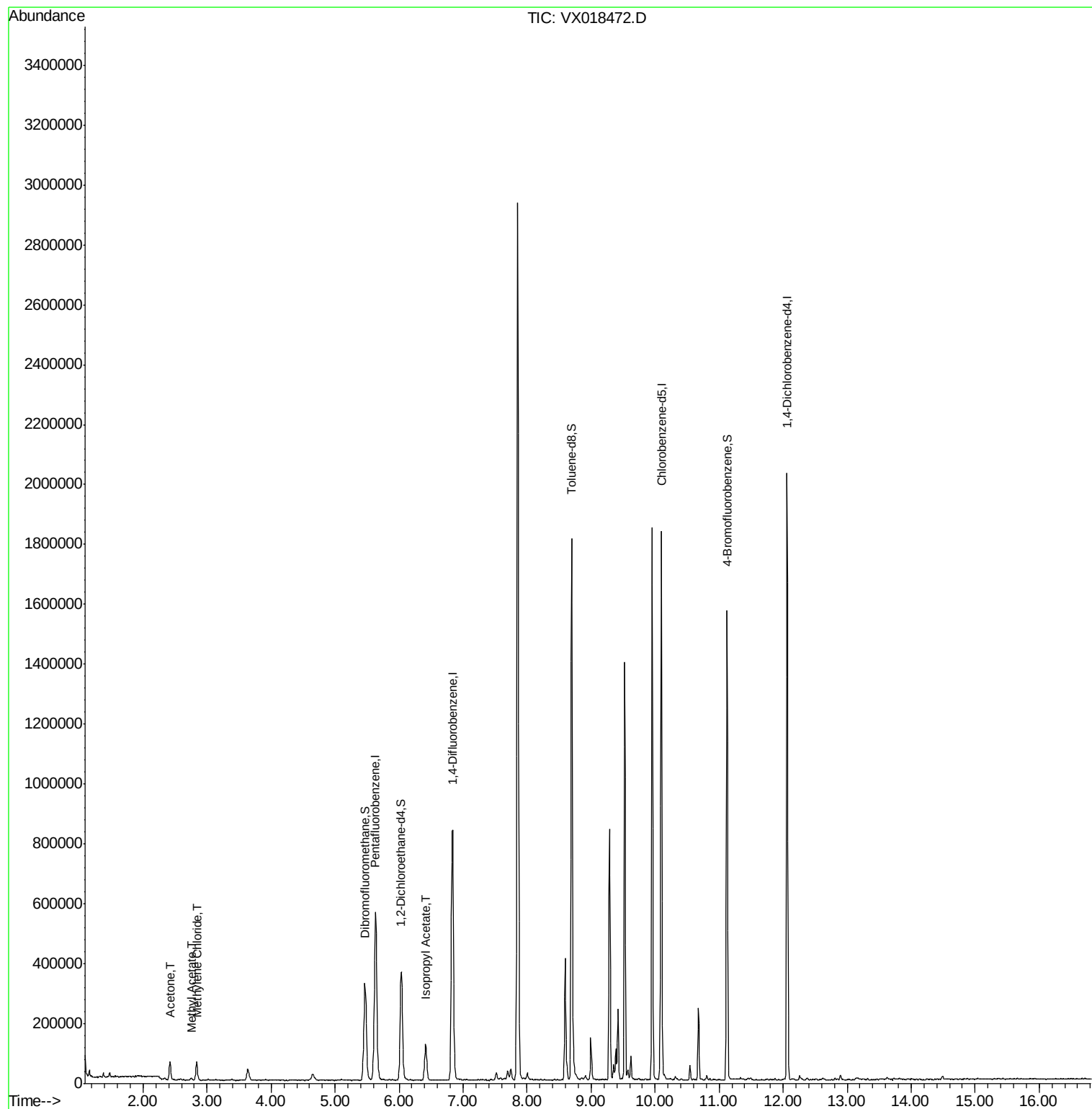
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	519068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	853823	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	839039	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	405296	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	360865	49.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.28%	
35) Dibromofluoromethane	5.46	113	283342	48.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.00%	
50) Toluene-d8	8.70	98	1060409	49.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.90%	
62) 4-Bromofluorobenzene	11.12	95	406578	47.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.32%	
Target Compounds						
16) Acetone	2.42	43	65930	23.477	ug/l	99
18) Methyl Acetate	2.76	43	9496	1.365	ug/l #	83
20) Methylene Chloride	2.84	84	28209	4.553	ug/l	99
43) Isopropyl Acetate	6.42	43	162322	11.053	ug/l	100

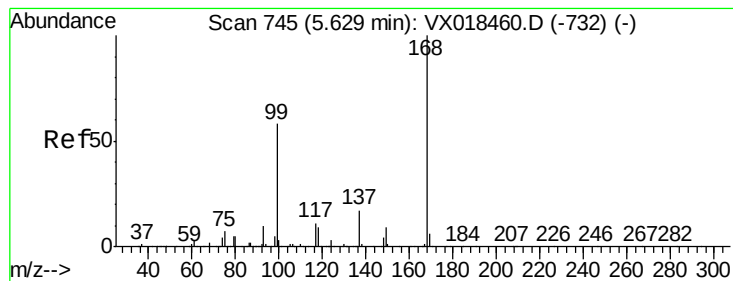
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX018472.D

Acq: 17 Sep 2020 17:32

Instrument :

MSVOA_X

ClientSampleId :

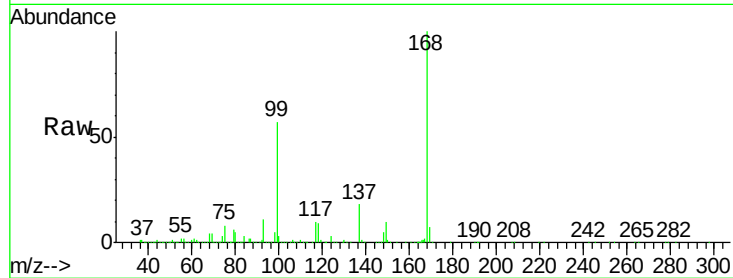
PAV-B36-091620-0-1

Tot Ion:168 Resp: 519068

Ion Ratio Lower Upper

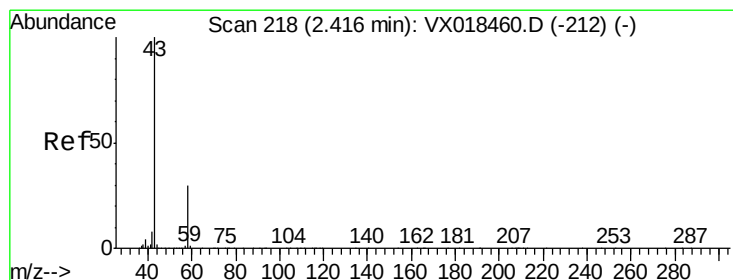
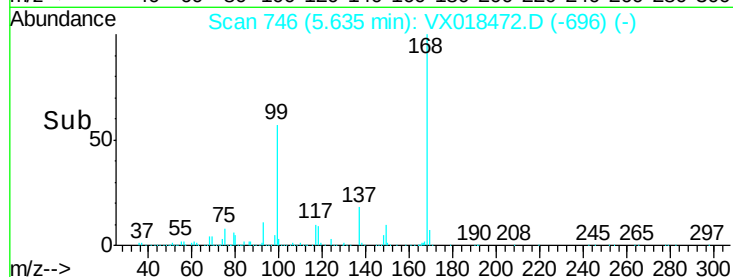
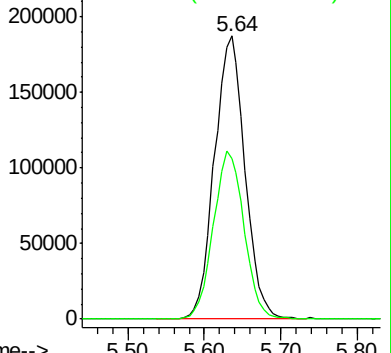
168 100

99 56.8 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 23.477 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX018472.D

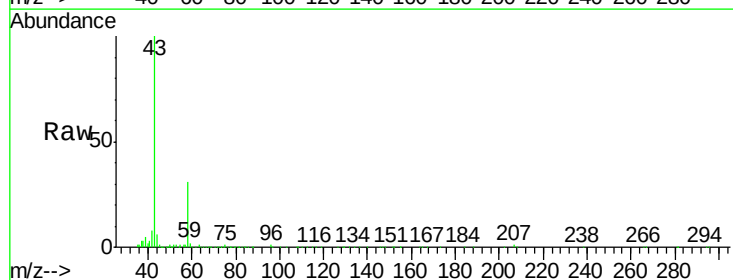
Acq: 17 Sep 2020 17:32

Tgt Ion: 43 Resp: 65930

Ion Ratio Lower Upper

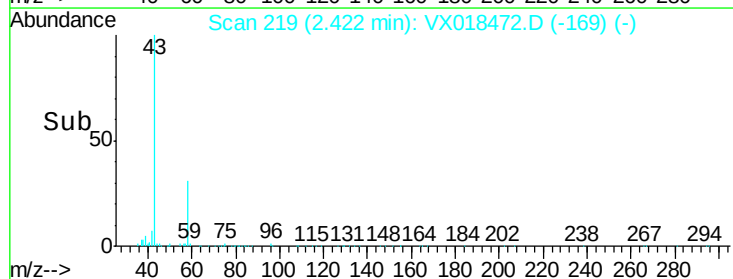
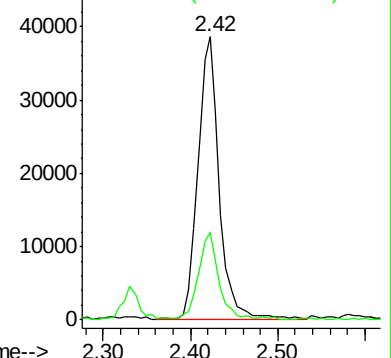
43 100

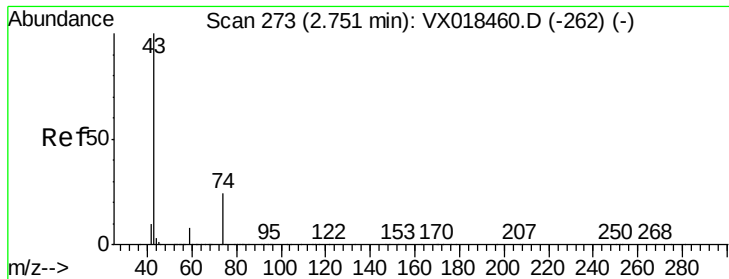
58 30.5 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

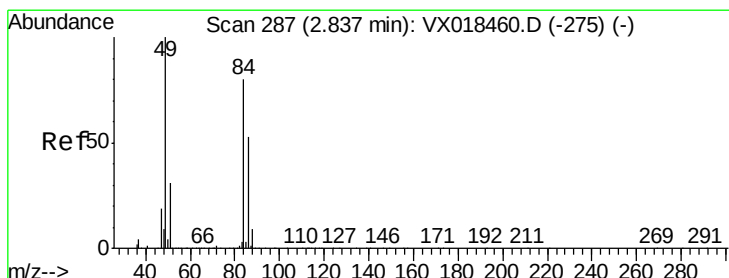
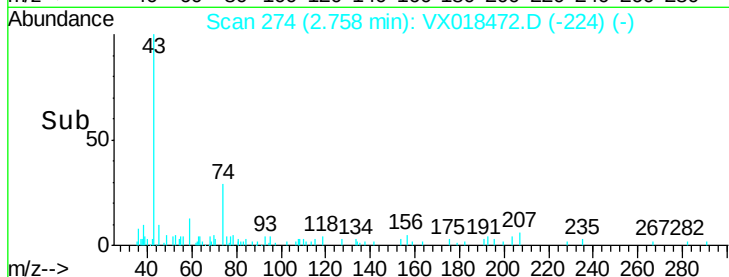
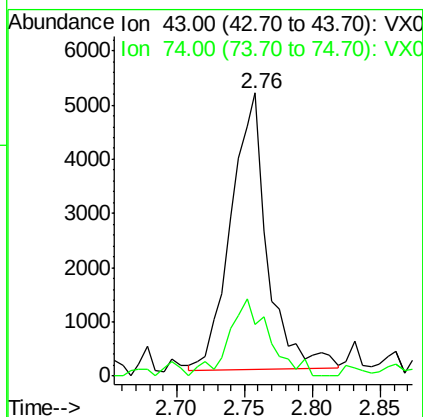
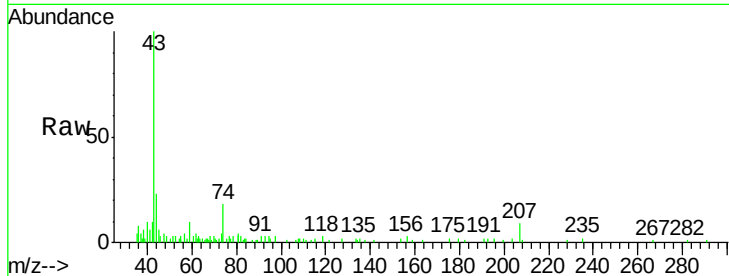




#18
Methvl Acetate
Concen: 1.365 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX018472.D
Acq: 17 Sep 2020 17:32

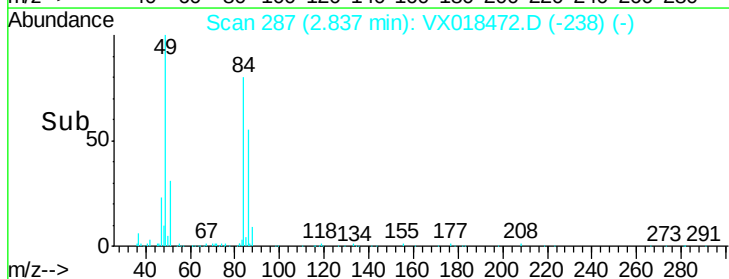
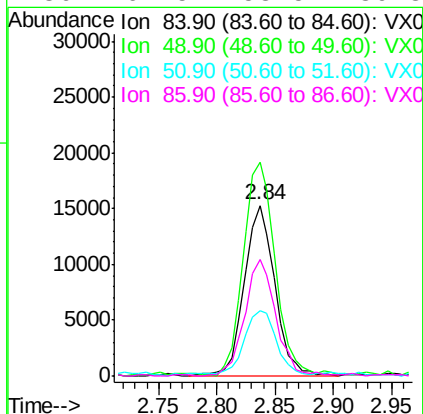
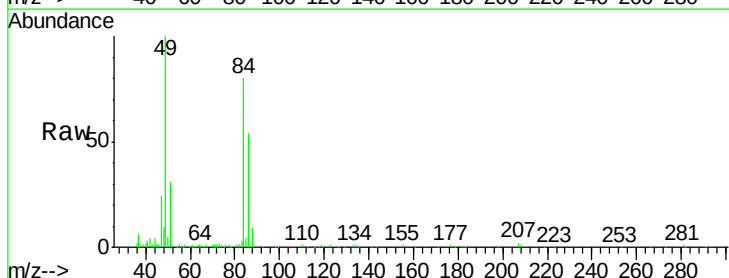
Instrument :
MSVOA_X
ClientSampleId :
PAV-B36-091620-0-1

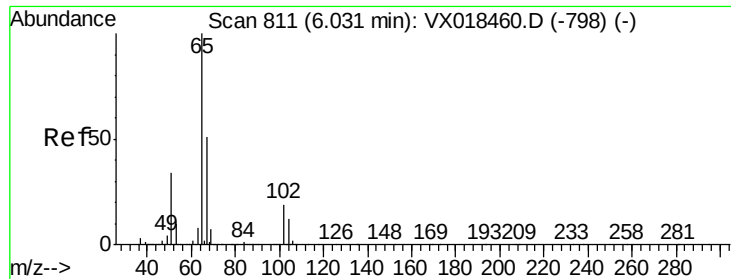
Tot Ion: 43 Resp: 9496
Ion Ratio Lower Upper
43 100
74 31.3 18.3 27.5#



#20
Methylene Chloride
Concen: 4.553 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018472.D
Acq: 17 Sep 2020 17:32

Tgt Ion: 84 Resp: 28209
Ion Ratio Lower Upper
84 100
49 124.5 100.6 151.0
51 36.8 30.9 46.3
86 67.5 53.5 80.3

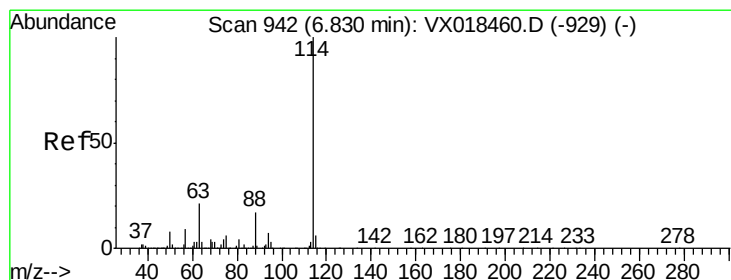
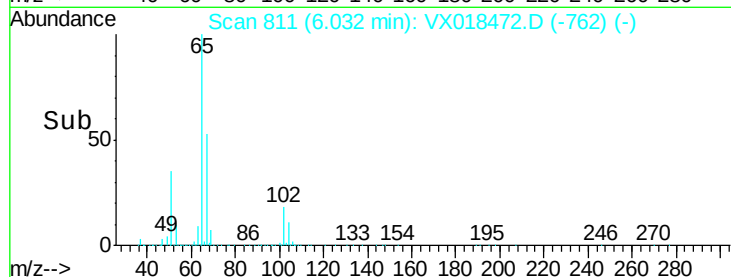
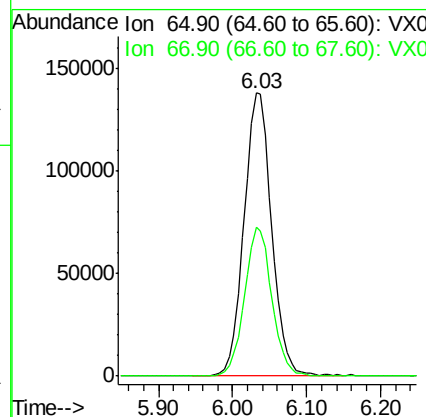
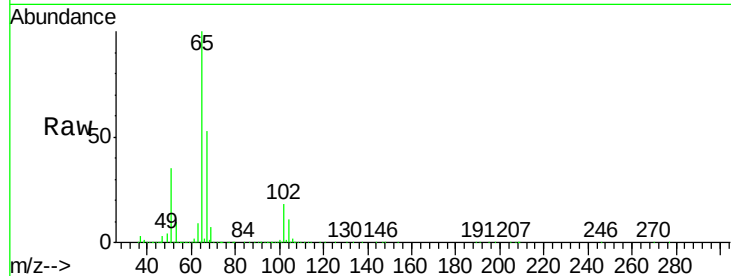




#33
 1,2-Dichloroethane-d4
 Concen: 49.144 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.00 min
 Lab File: VX018472.D
 Acq: 17 Sep 2020 17:32

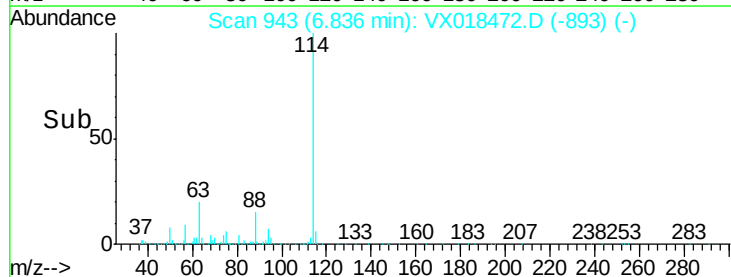
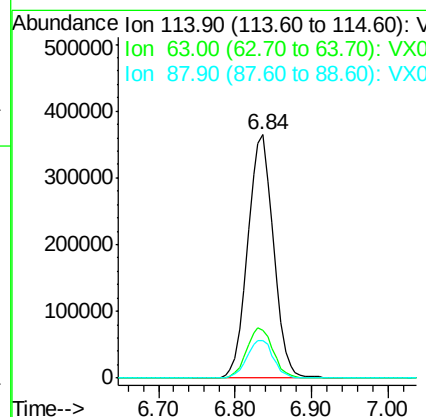
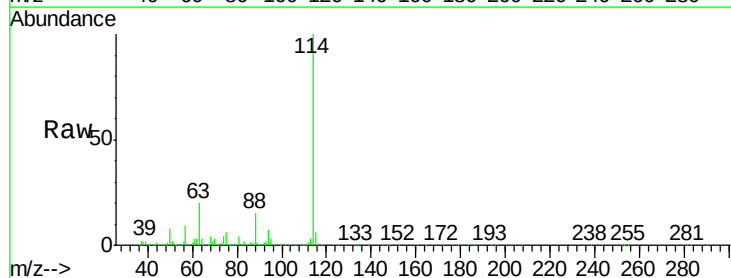
Instrument :
 MSVOA_X
 ClientSampleId :
 PAV-B36-091620-0-1

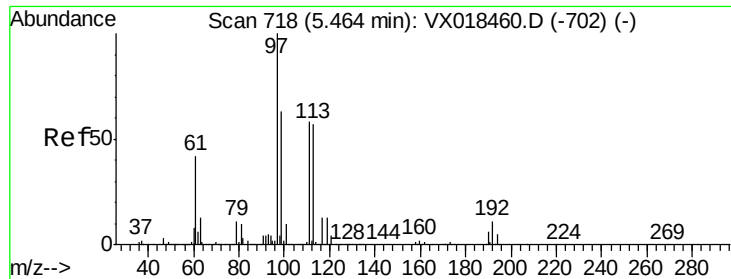
Tot Ion: 65 Resp: 360865
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX018472.D
 Acq: 17 Sep 2020 17:32

Tgt Ion: 114 Resp: 853823
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 42.8
 88 15.3 0.0 33.6

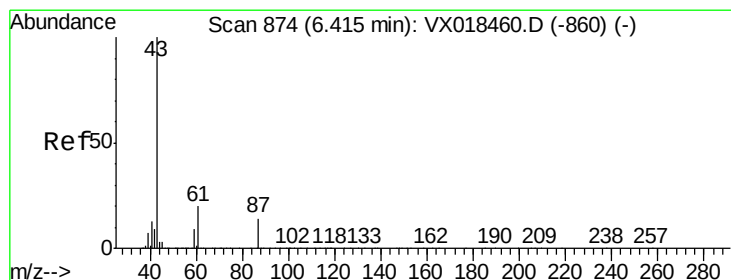
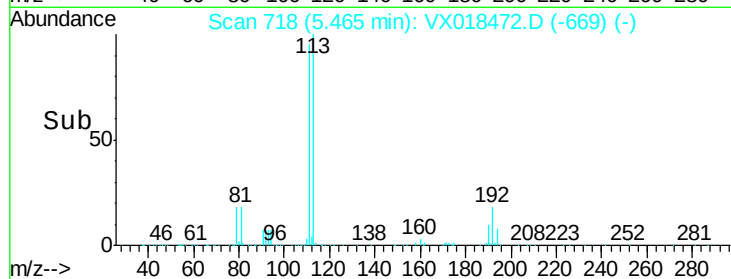
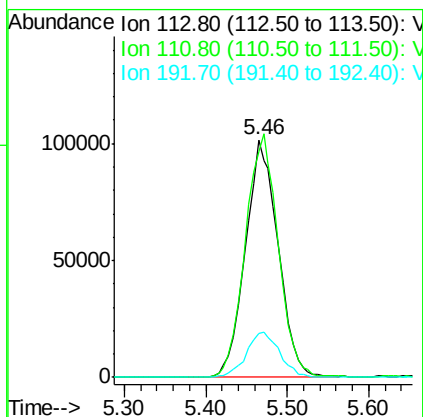
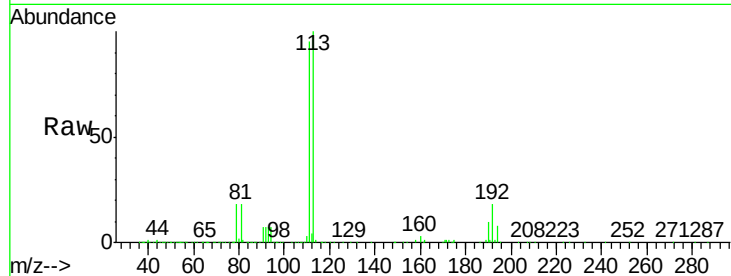




#35
 Dibromofluoromethane
 Concen: 48.003 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. 0.00 min
 Lab File: VX018472.D
 Acq: 17 Sep 2020 17:32

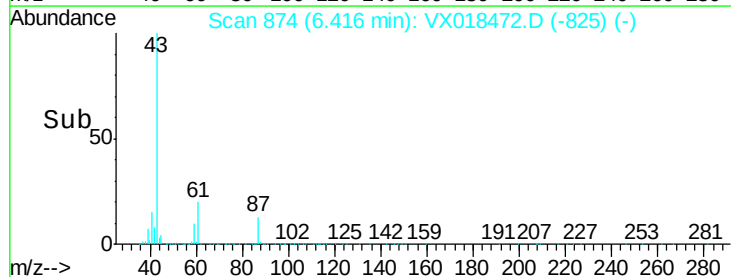
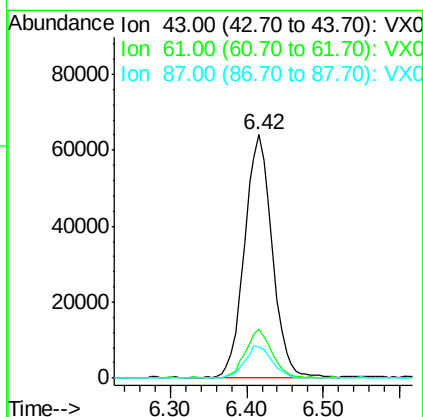
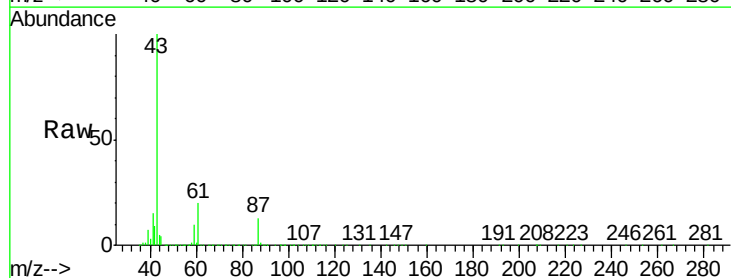
Instrument :
 MSVOA_X
 ClientSampleId :
 PAV-B36-091620-0-1

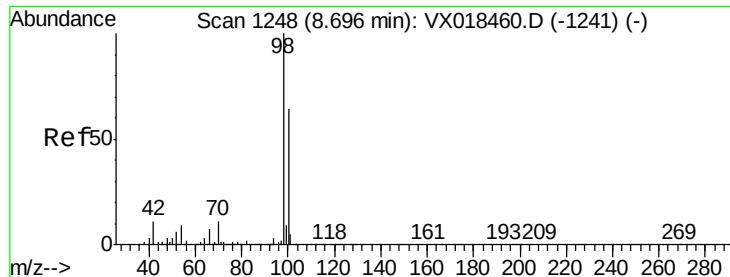
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.5	81.4	122.2
192	19.4	16.6	24.8



#43
 Isopropyl Acetate
 Concen: 11.053 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: VX018472.D
 Acq: 17 Sep 2020 17:32

Tgt Ion	Ratio	Lower	Upper
43	100		
61	19.3	15.7	23.5
87	13.1	10.4	15.6





#50

Toluene-d8

Concen: 49.445 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018472.D

Acq: 17 Sep 2020 17:32

Instrument :

MSVOA_X

ClientSampleId :

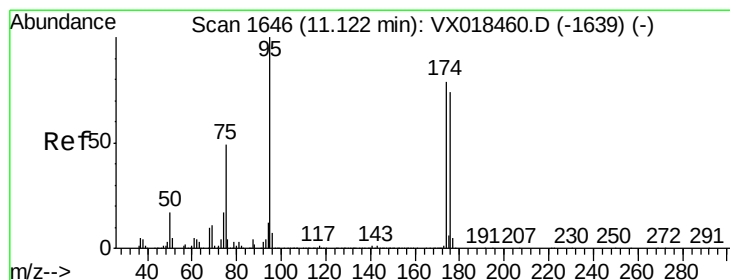
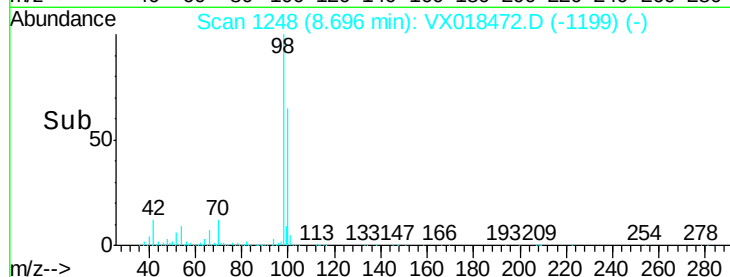
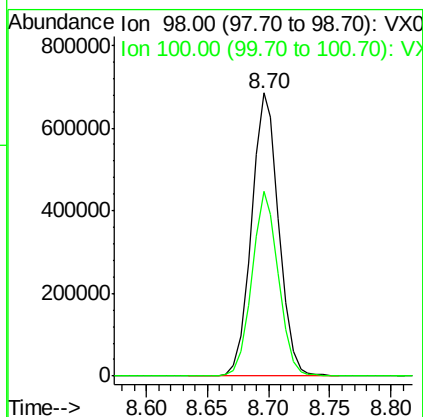
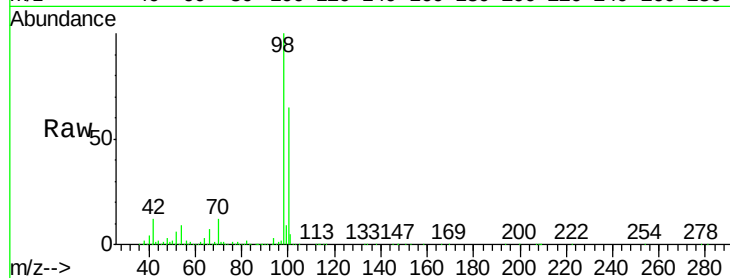
PAV-B36-091620-0-1

Tot Ion: 98 Resp: 1060409

Ion Ratio Lower Upper

98 100

100 63.7 51.7 77.5



#62

4-Bromofluorobenzene

Concen: 47.660 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018472.D

Acq: 17 Sep 2020 17:32

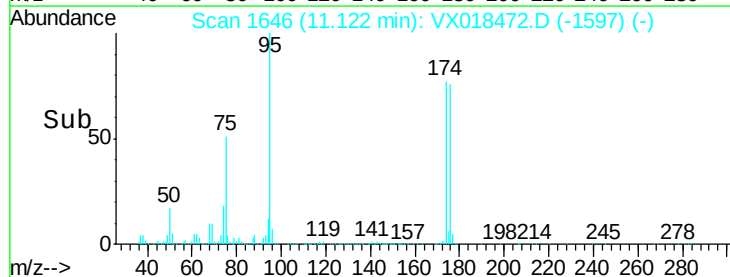
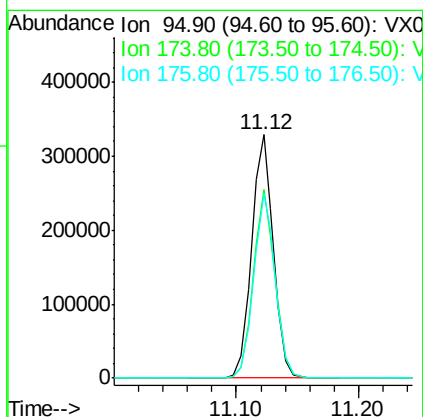
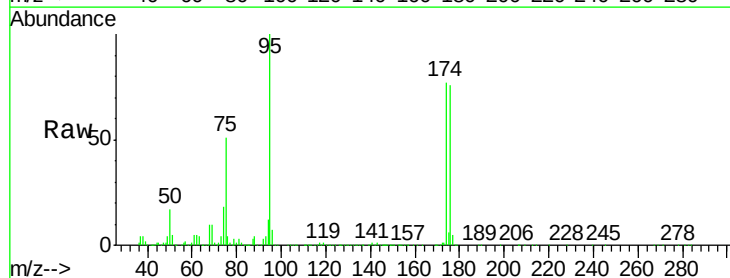
Tgt Ion: 95 Resp: 406578

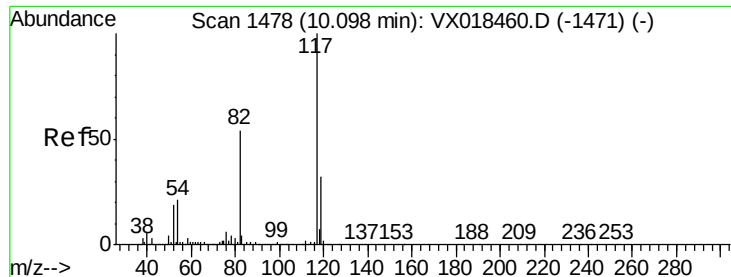
Ion Ratio Lower Upper

95 100

174 77.3 0.0 161.4

176 76.1 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: VX018472.D

Acq: 17 Sep 2020 17:32

Instrument :

MSVOA_X

ClientSampleId :

PAV-B36-091620-0-1

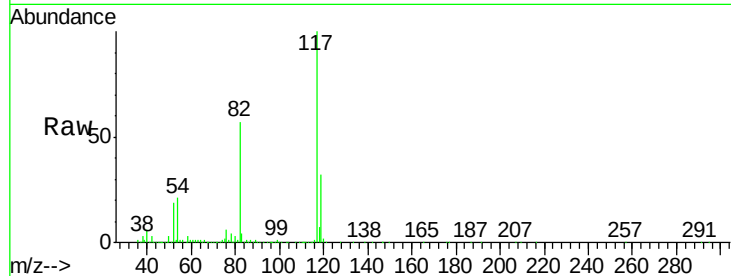
Tot Ion:117 Resp: 839039

Ion Ratio Lower Upper

117 100

82 56.7 43.3 64.9

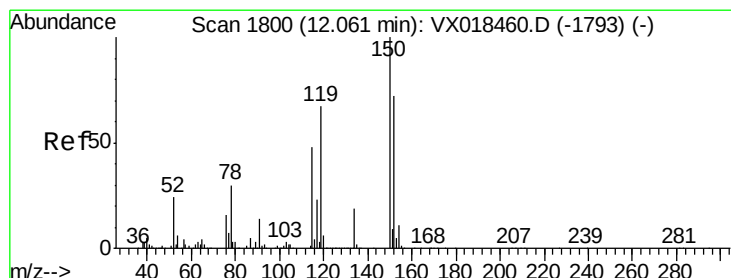
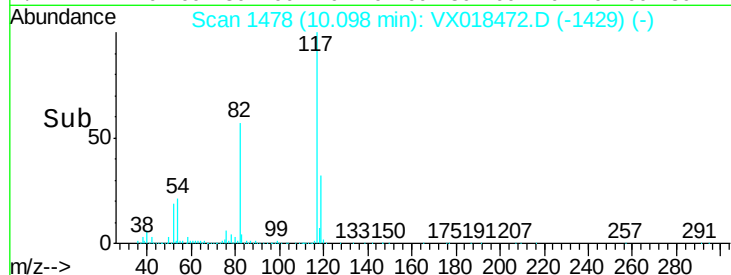
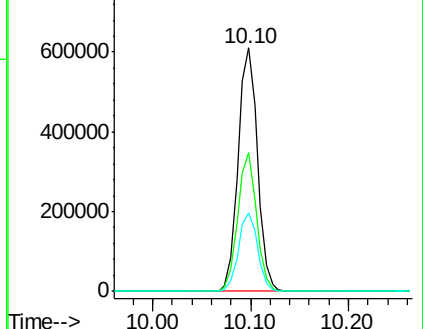
119 32.2 25.9 38.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018472.D

Acq: 17 Sep 2020 17:32

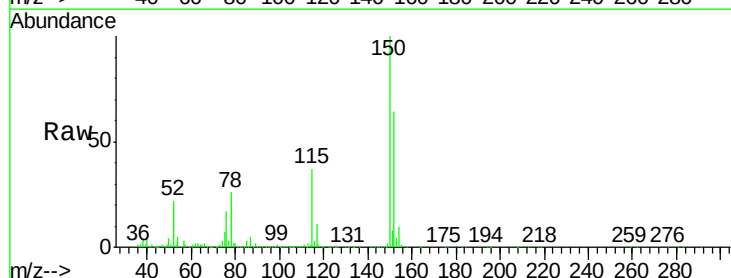
Tgt Ion:152 Resp: 405296

Ion Ratio Lower Upper

152 100

115 59.1 41.8 125.4

150 156.2 0.0 342.4



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

