

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113020\
 Data File : VX019680.D
 Acq On : 30 Nov 2020 15:10
 Operator : JC/MD
 Sample : L4900-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PAV-B2-112520-0-1

Quant Time: Dec 01 03:13:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	295057	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	492461	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	420729	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	160053	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	184418	48.21	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.42%
35) Dibromofluoromethane	5.46	113	148868	48.16	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.32%
50) Toluene-d8	8.70	98	572946	47.70	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.40%
62) 4-Bromofluorobenzene	11.12	95	189778	43.91	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	87.82%

Target Compounds

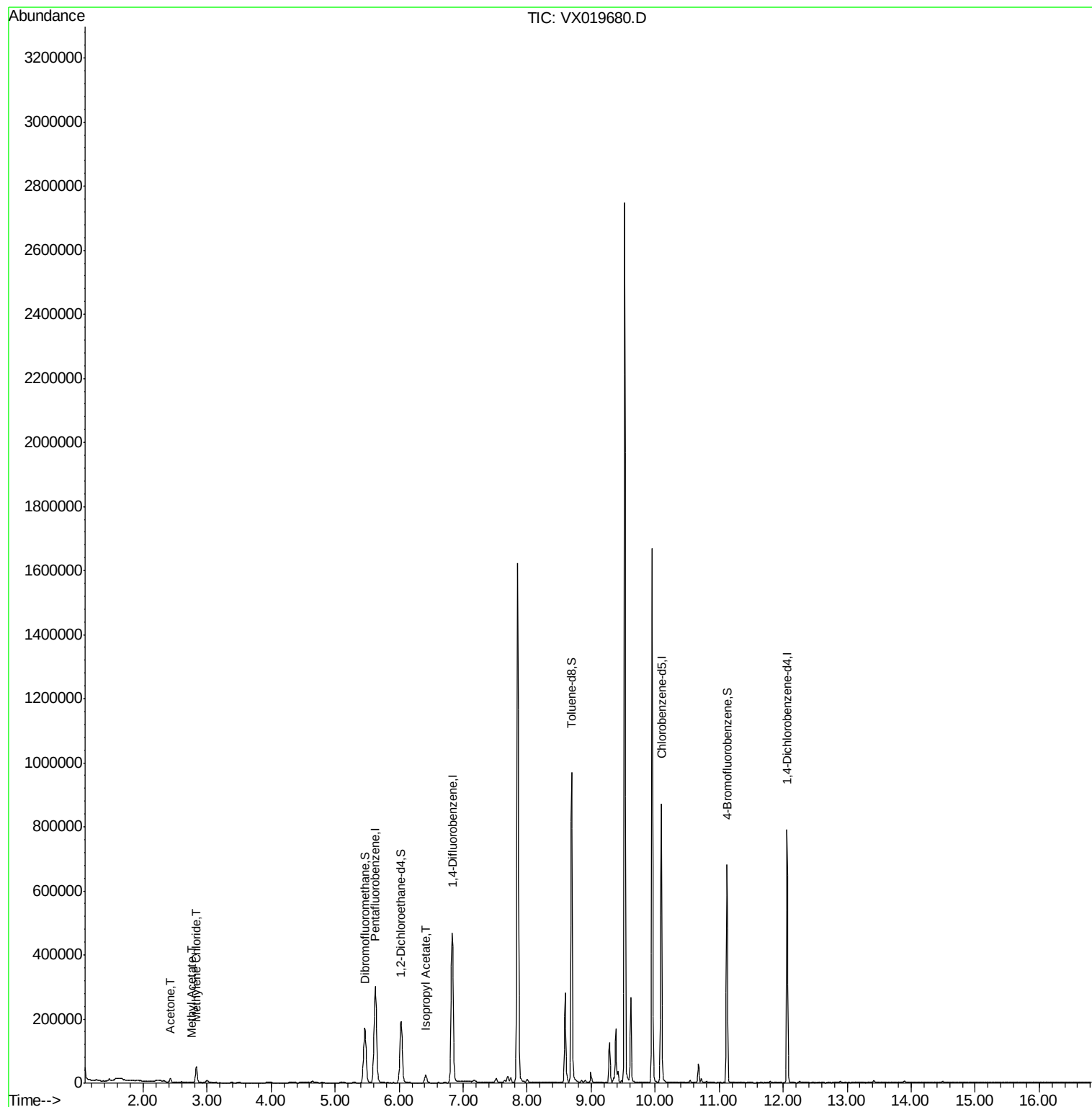
					Qvalue
16) Acetone	2.42	43	13270	8.970	ug/l 99
18) Methyl Acetate	2.76	43	2653	1.357	ug/l 96
20) Methylene Chloride	2.83	84	24126	6.525	ug/l 96
43) Isopropyl Acetate	6.42	43	31195	4.282	ug/l 100

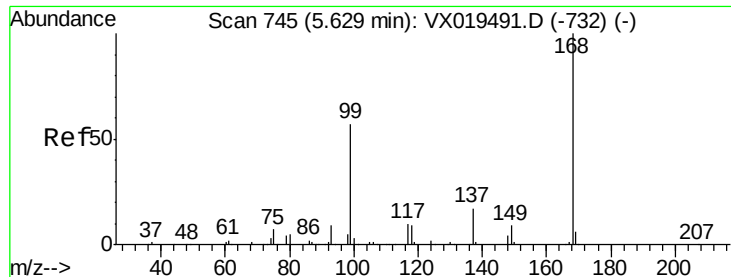
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019680.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

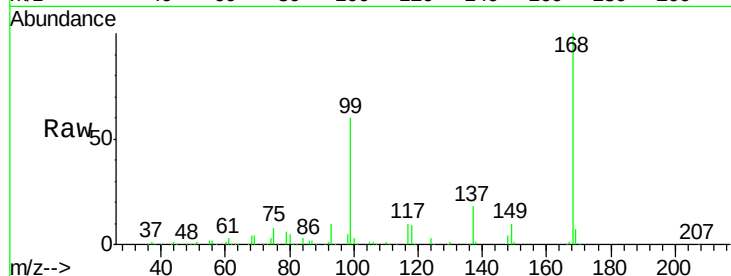
PAV-B2-112520-0-1

Tot Ion:168 Resp: 295057

Ion Ratio Lower Upper

168 100

99 59.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

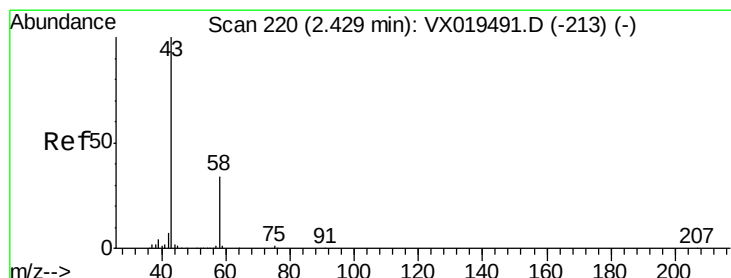
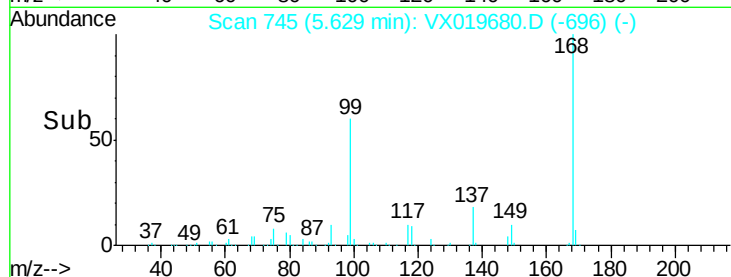
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 8.970 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.01 min

Lab File: VX019680.D

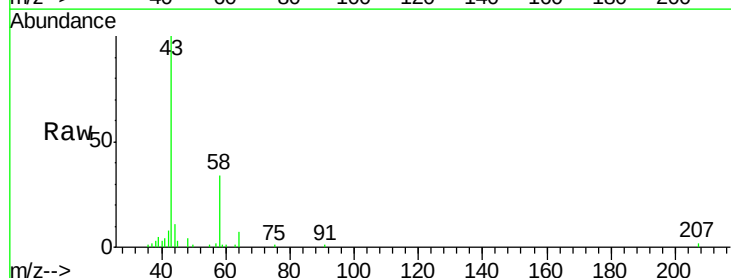
Acq: 30 Nov 2020 15:10

Tgt Ion: 43 Resp: 13270

Ion Ratio Lower Upper

43 100

58 35.0 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

8000

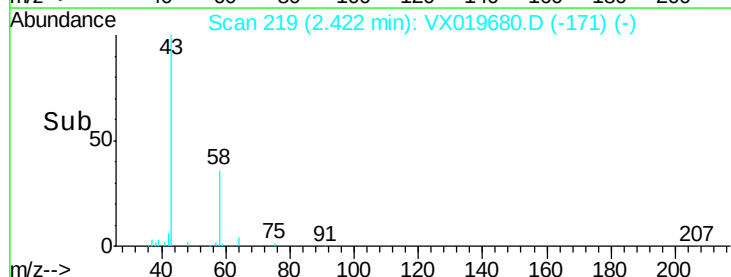
6000

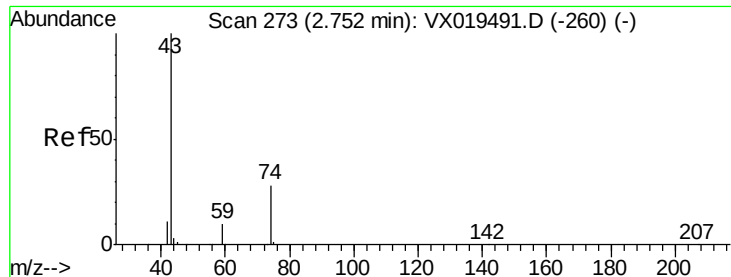
4000

2000

0

Time-->

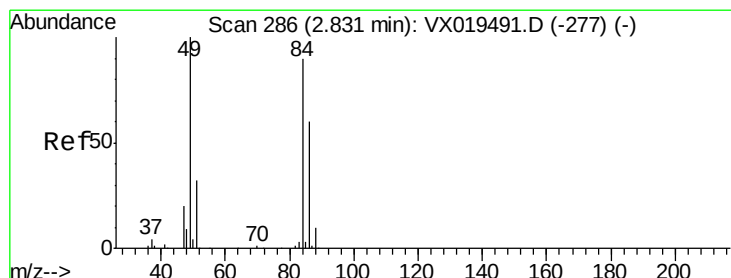
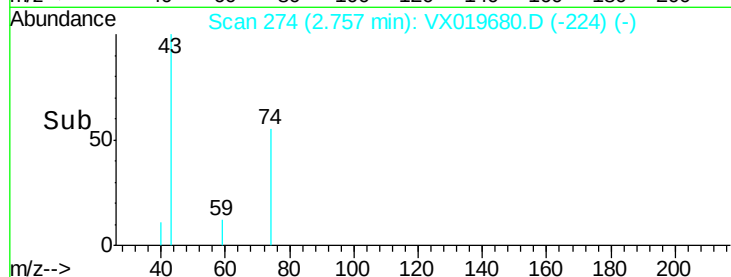
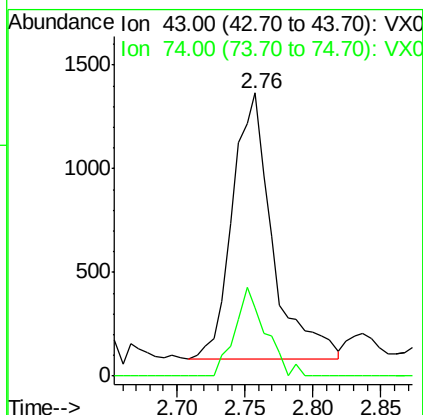
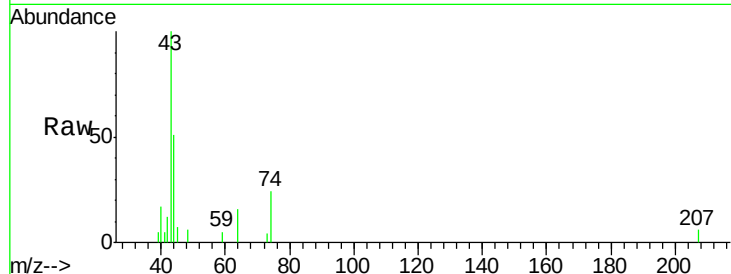




#18
Methyl Acetate
Concen: 1.357 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX019680.D
Acq: 30 Nov 2020 15:10

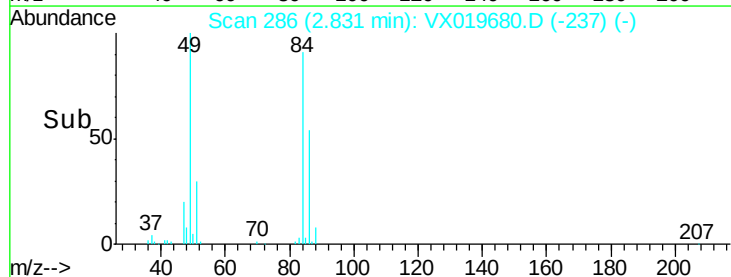
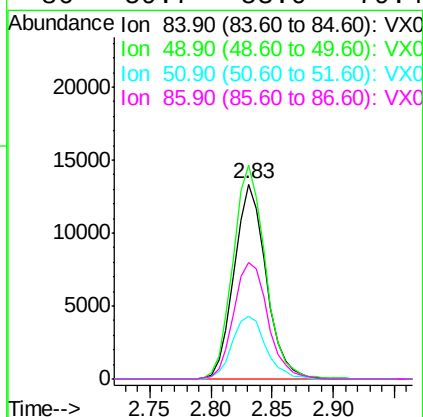
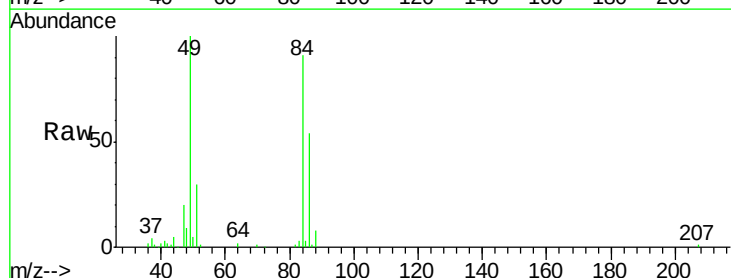
Instrument :
MSVOA_X
ClientSampleId :
PAV-B2-112520-0-1

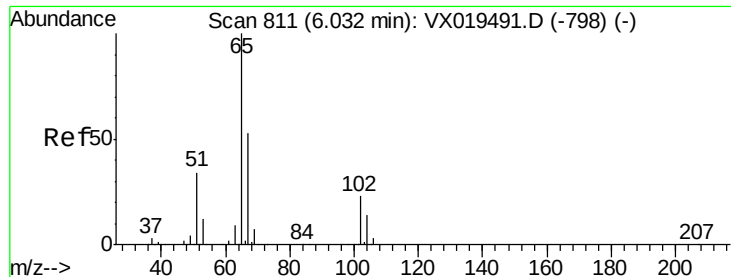
Tot Ion: 43 Resp: 2653
Ion Ratio Lower Upper
43 100
74 25.6 22.2 33.4



#20
Methylene Chloride
Concen: 6.525 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019680.D
Acq: 30 Nov 2020 15:10

Tgt Ion: 84 Resp: 24126
Ion Ratio Lower Upper
84 100
49 109.7 88.5 132.7
51 32.4 28.0 42.0
86 59.7 53.0 79.4

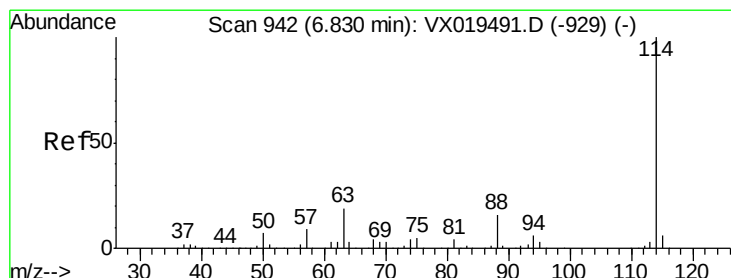
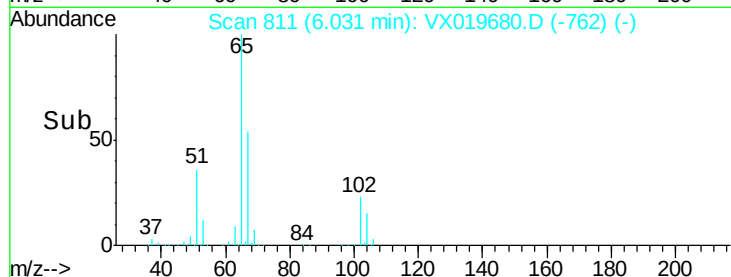
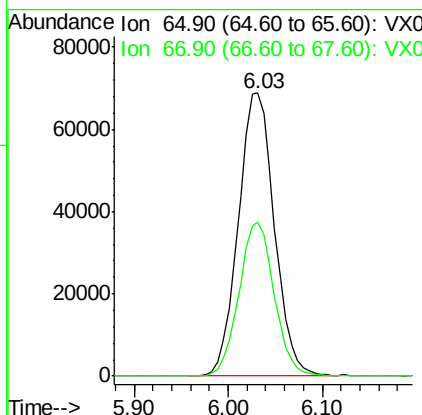
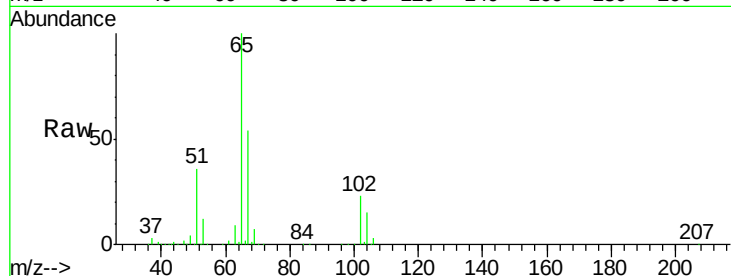




#33
 1,2-Dichloroethane-d4
 Concen: 48.206 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019680.D
 Acq: 30 Nov 2020 15:10

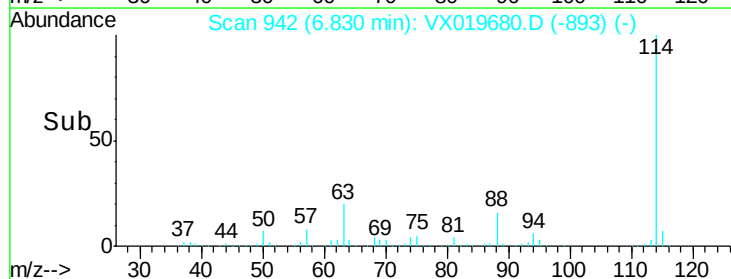
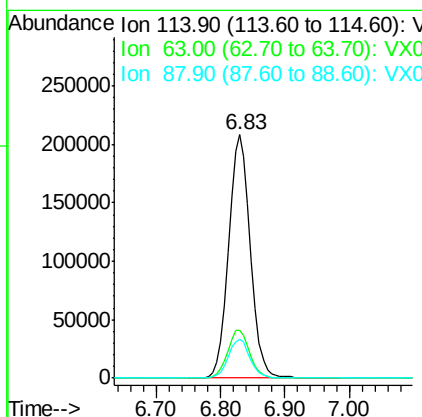
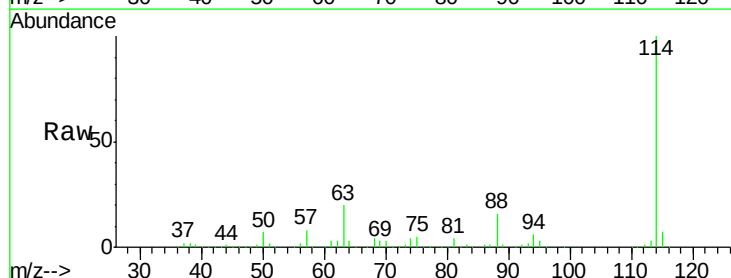
Instrument :
 MSVOA_X
 ClientSampleId :
 PAV-B2-112520-0-1

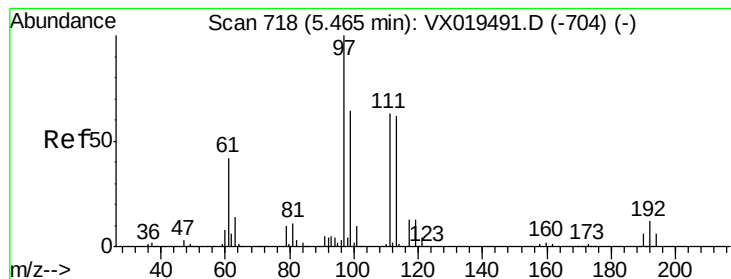
Tot Ion: 65 Resp: 184418
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019680.D
 Acq: 30 Nov 2020 15:10

Tgt Ion: 114 Resp: 492461
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.8
 88 16.1 0.0 31.6





#35

Dibromofluoromethane

Concen: 48.159 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019680.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

PAV-B2-112520-0-1

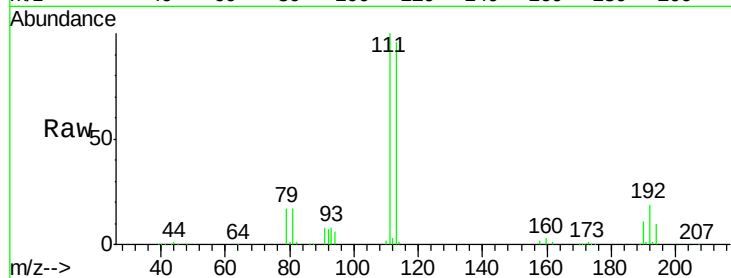
Tot Ion:113 Resp: 148868

Ion Ratio Lower Upper

113 100

111 103.3 81.5 122.3

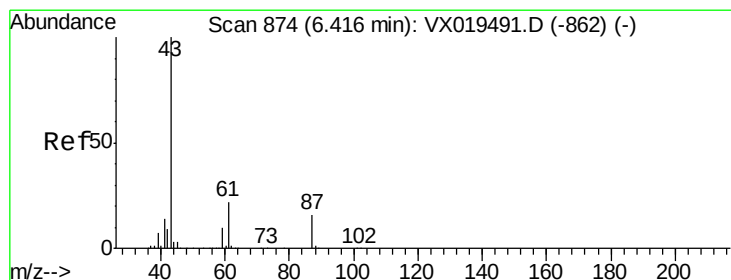
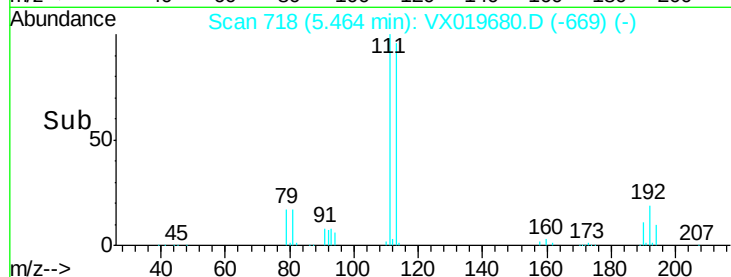
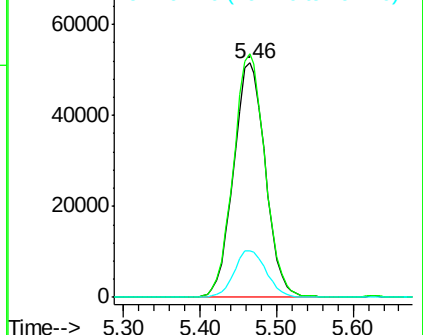
192 20.2 16.2 24.2



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



#43

Isopropyl Acetate

Concen: 4.282 ug/l

RT: 6.42 min Scan# 874

Delta R.T. -0.00 min

Lab File: VX019680.D

Acq: 30 Nov 2020 15:10

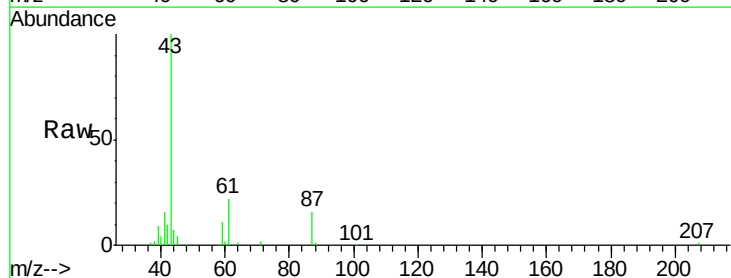
Tgt Ion: 43 Resp: 31195

Ion Ratio Lower Upper

43 100

61 23.0 18.2 27.2

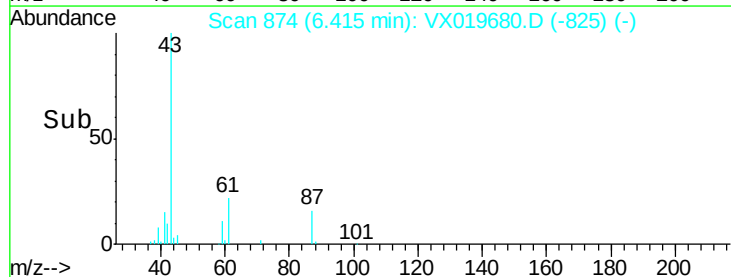
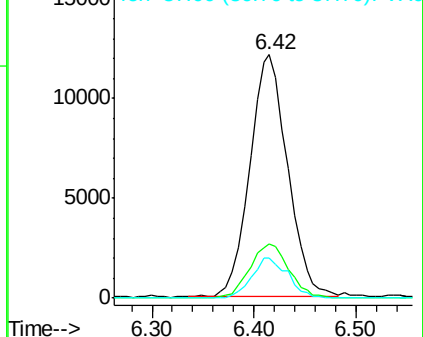
87 15.8 12.6 18.8

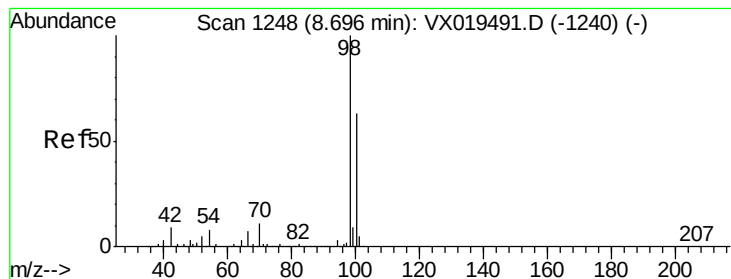


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#50

Toluene-d8

Concen: 47.698 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019680.D

Acq: 30 Nov 2020 15:10

Instrument :

MSVOA_X

ClientSampleId :

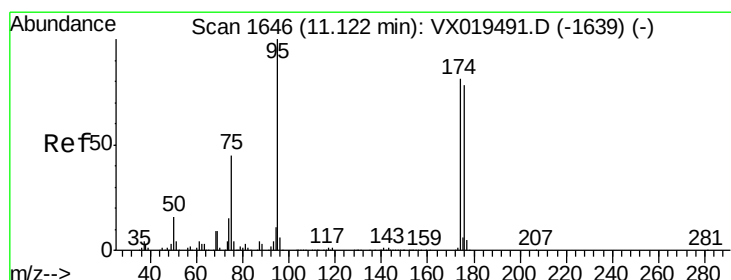
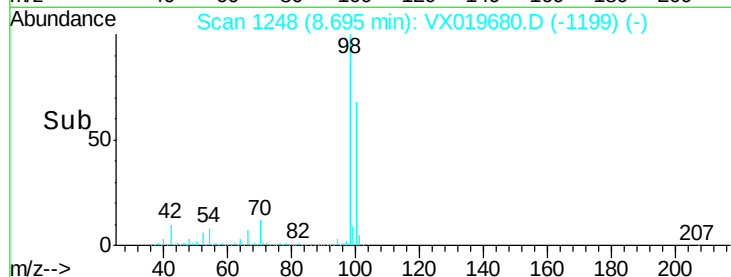
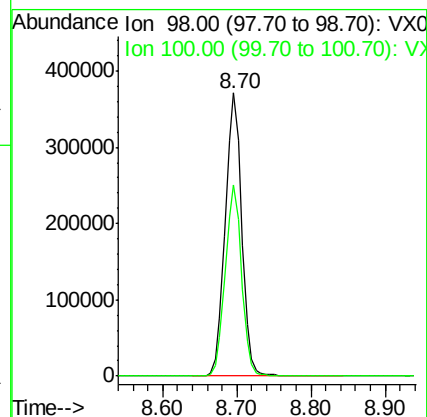
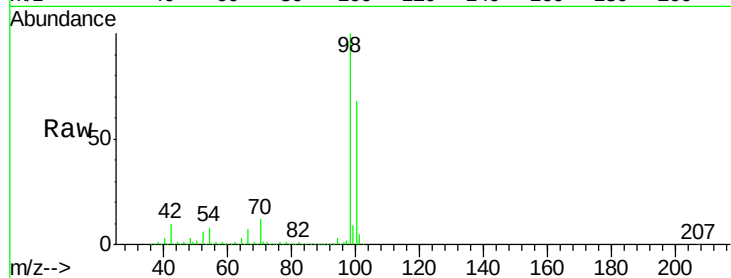
PAV-B2-112520-0-1

Tot Ion: 98 Resp: 572946

Ion Ratio Lower Upper

98 100

100 67.3 52.4 78.6



#62

4-Bromofluorobenzene

Concen: 43.912 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019680.D

Acq: 30 Nov 2020 15:10

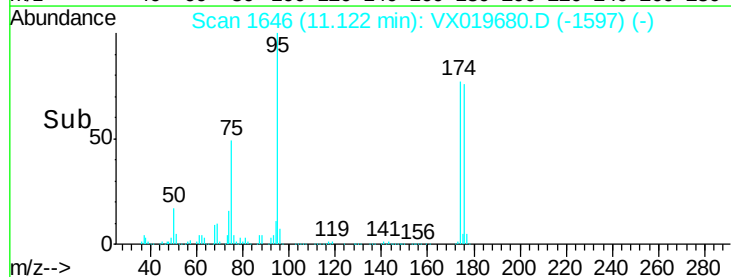
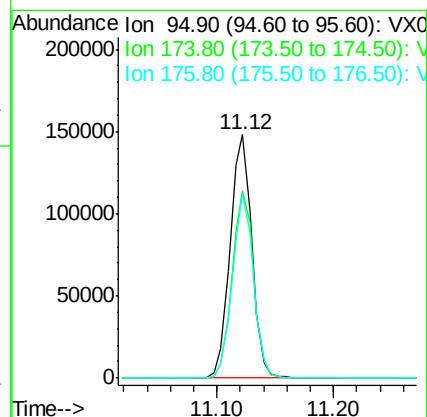
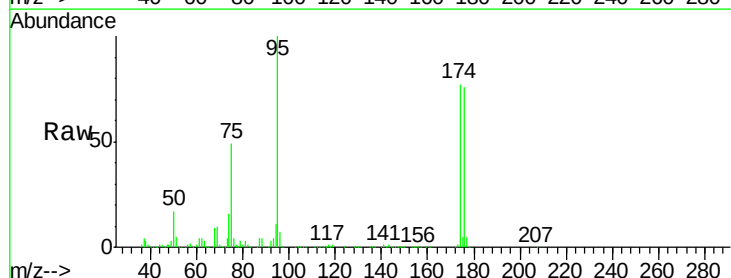
Tgt Ion: 95 Resp: 189778

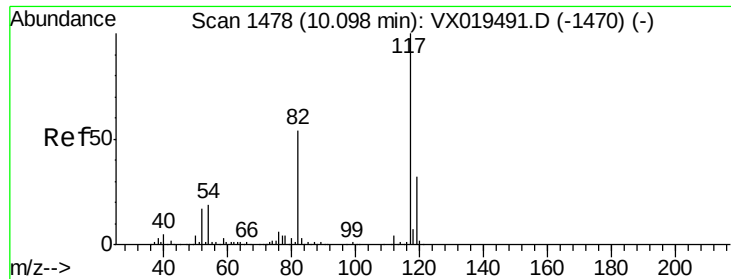
Ion Ratio Lower Upper

95 100

174 76.8 0.0 156.2

176 73.7 0.0 151.4

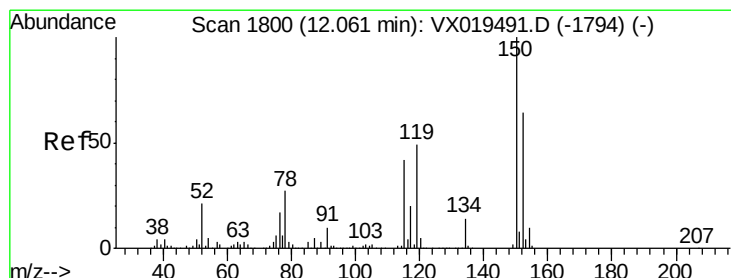
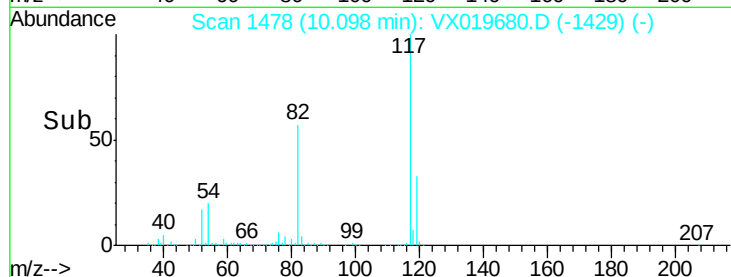
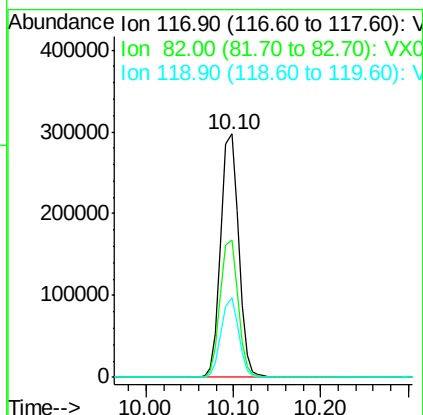
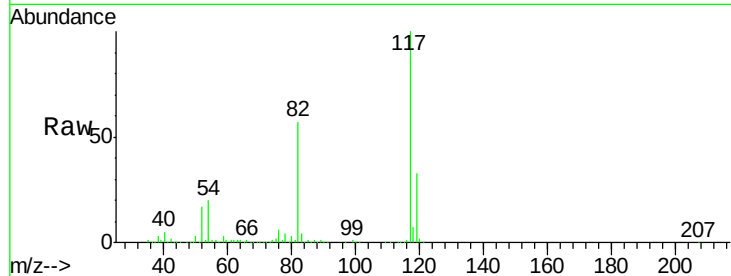




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019680.D
Acq: 30 Nov 2020 15:10

Instrument :
MSVOA_X
ClientSampleId :
PAV-B2-112520-0-1

Tot Ion:117 Resp: 420729
Ion Ratio Lower Upper
117 100
82 56.6 43.0 64.4
119 32.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019680.D
Acq: 30 Nov 2020 15:10

Tgt Ion:152 Resp: 160053
Ion Ratio Lower Upper
152 100
115 61.0 41.8 125.4
150 155.9 0.0 348.2

