

Data File : VX019294.D
Acq On : 05 Nov 2020 00:55
Operator : JC/MD
Sample : L4621-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PAV-B8-110220-0-1

Quant Time: Nov 05 03:31:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 27 13:55:07 2020
Response via : Initial Calibration

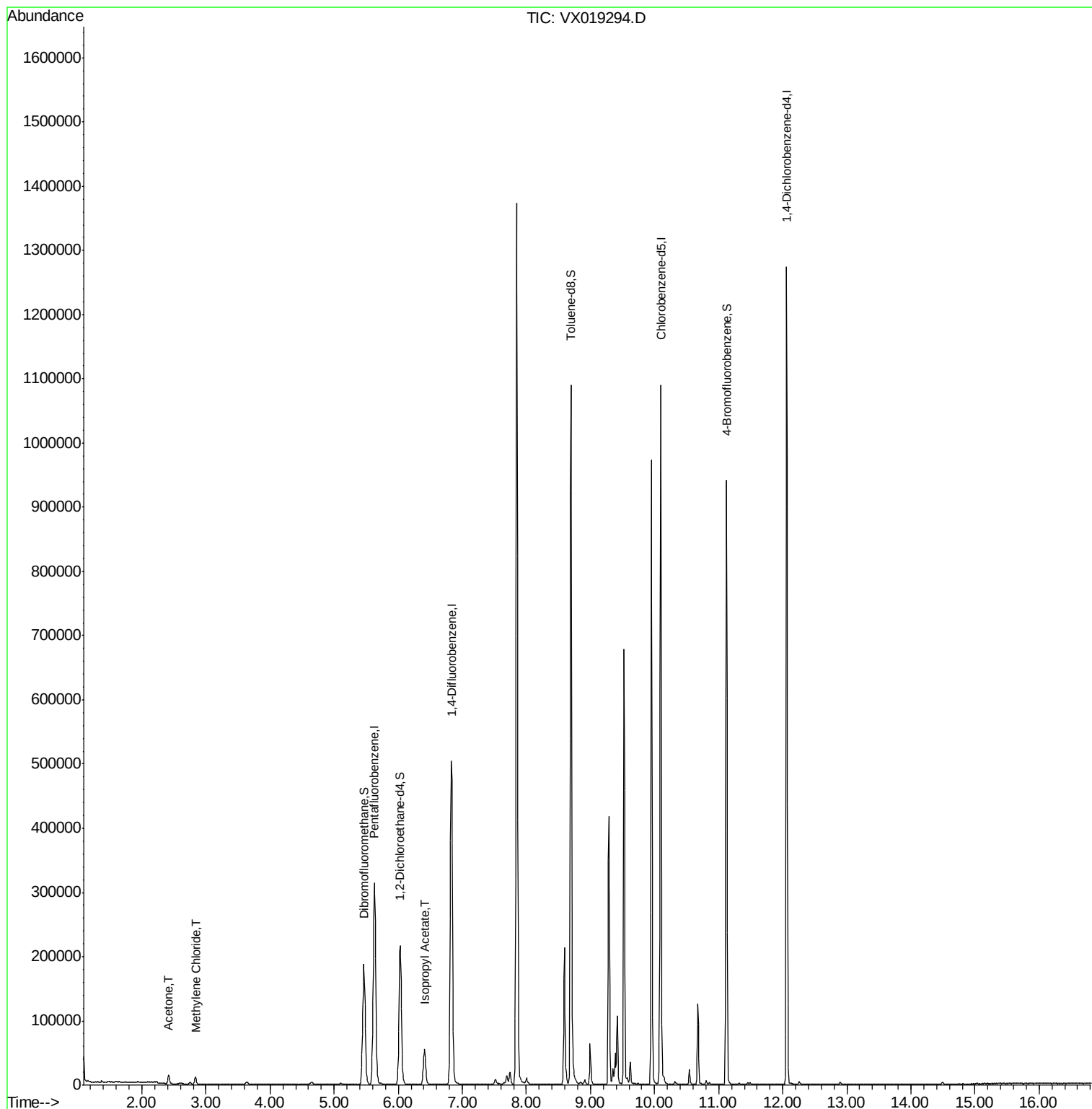
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	292593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	523500	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	502829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	247107	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	207422	54.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.94%	
35) Dibromofluoromethane	5.46	113	164823	50.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.24%	
50) Toluene-d8	8.70	98	653391	52.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.42%	
62) 4-Bromofluorobenzene	11.12	95	247374	52.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.40%	
Target Compounds						
16) Acetone	2.42	43	14137	10.860	ug/l	99
20) Methylene Chloride	2.84	84	5728	1.753	ug/l	95
43) Isopropyl Acetate	6.41	43	72992	9.712	ug/l	98

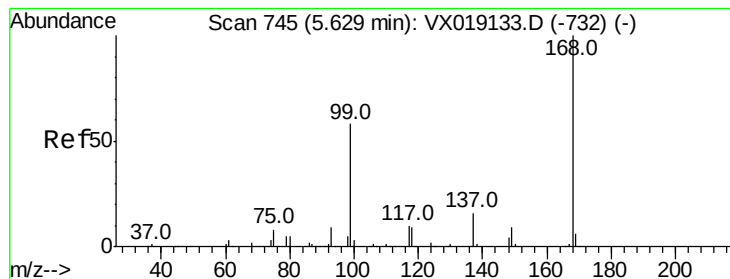
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

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MSVOA_X

ClientSampleId :

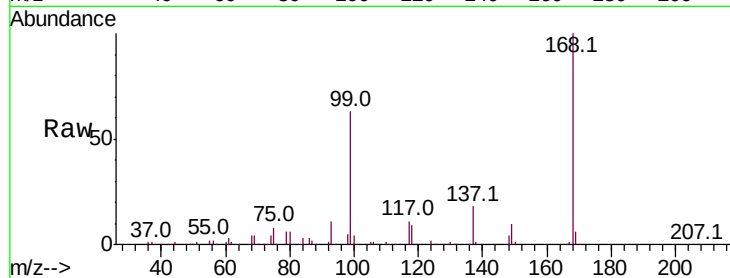
PAV-B8-110220-0-1

Tgt Ion:168 Resp: 292593

Ion Ratio Lower Upper

168 100

99 62.8 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

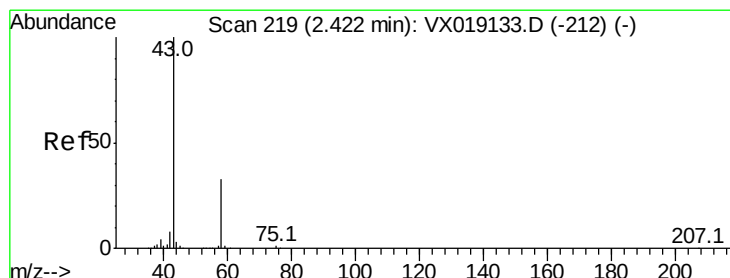
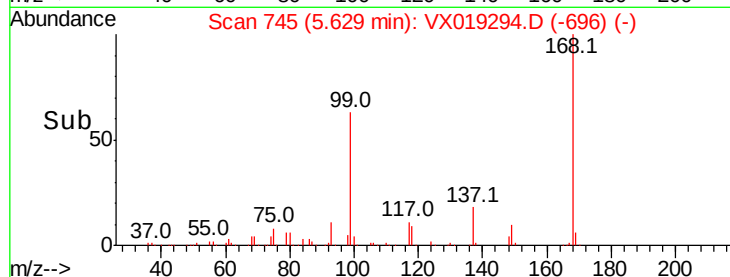
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 10.860 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019294.D

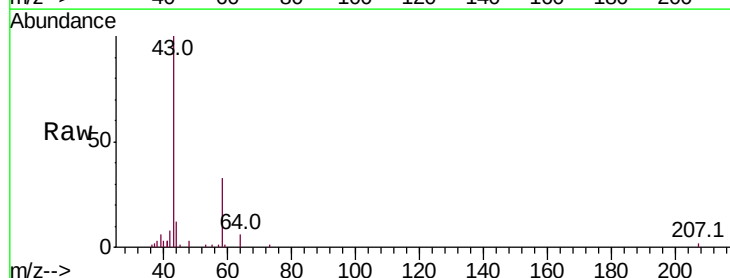
Acq: 05 Nov 2020 00:55

Tgt Ion: 43 Resp: 14137

Ion Ratio Lower Upper

43 100

58 33.6 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8000

6000

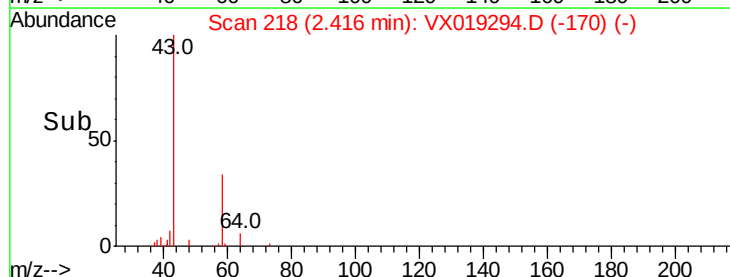
4000

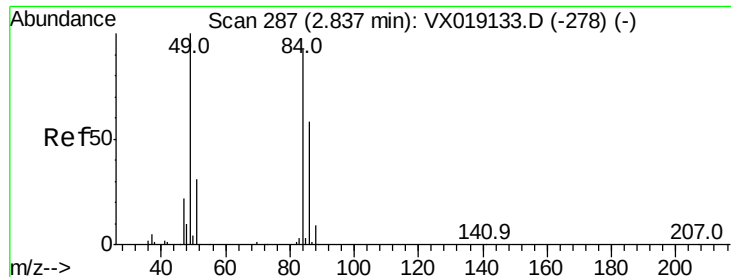
2000

0

2.30 2.40 2.50

Time-->

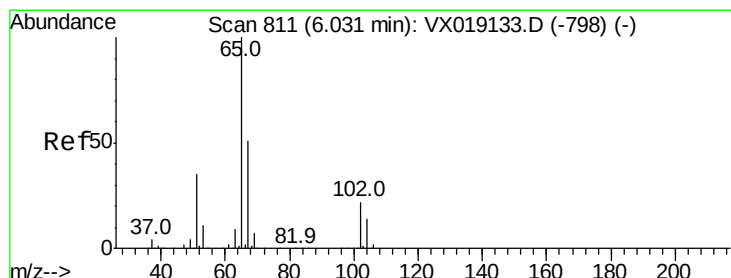
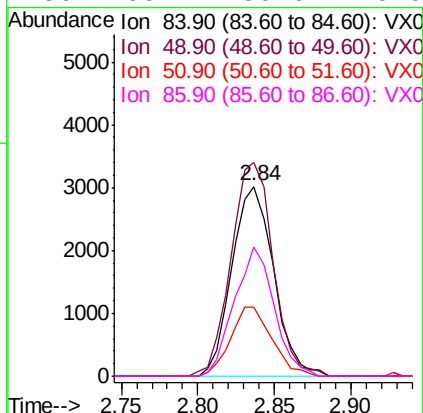
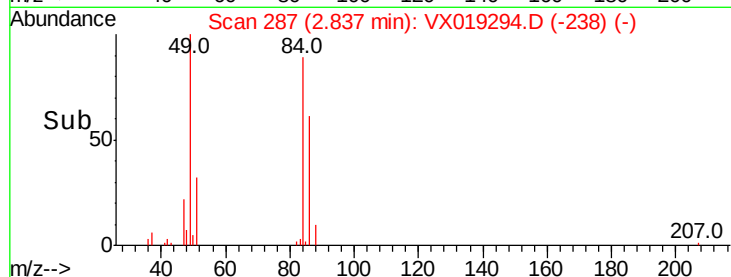
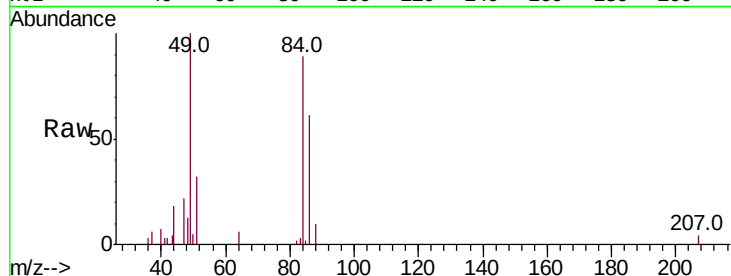




#20
Methylene Chloride
Concen: 1.753 ug/l
RT: 2.84 min Scan# 287
Delta R.T. -0.00 min
Lab File: VX019294.D
Acq: 05 Nov 2020 00:55

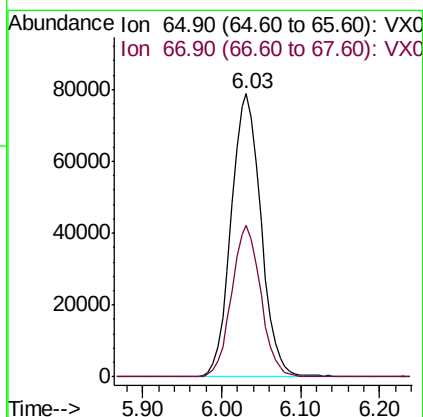
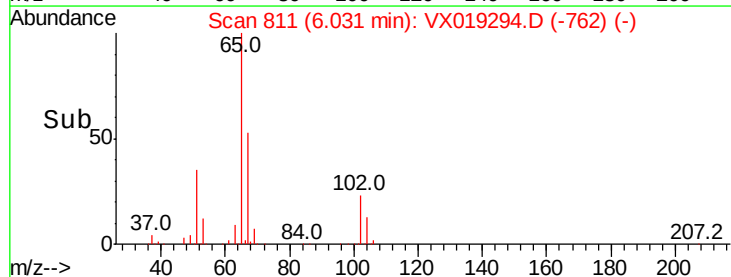
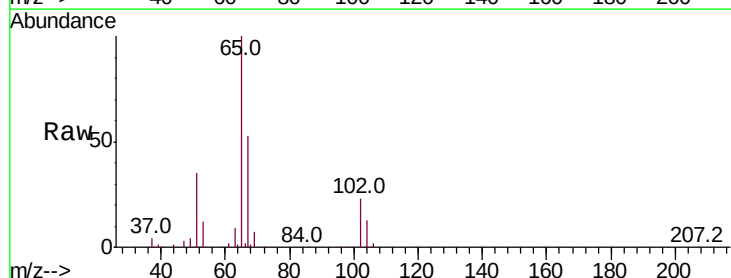
Instrument :
MSVOA_X
ClientSampleId :
PAV-B8-110220-0-1

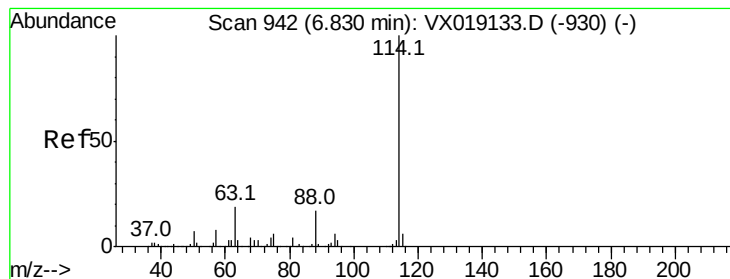
Tgt Ion: 84 Resp: 5728
Ion Ratio Lower Upper
84 100
49 112.7 86.8 130.2
51 36.4 27.3 40.9
86 68.4 50.6 76.0



#33
1,2-Dichloroethane-d4
Concen: 54.970 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX019294.D
Acq: 05 Nov 2020 00:55

Tgt Ion: 65 Resp: 207422
Ion Ratio Lower Upper
65 100
67 52.2 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019294.D

Acq: 05 Nov 2020 00:55

Instrument :

MSVOA_X

ClientSampleId :

PAV-B8-110220-0-1

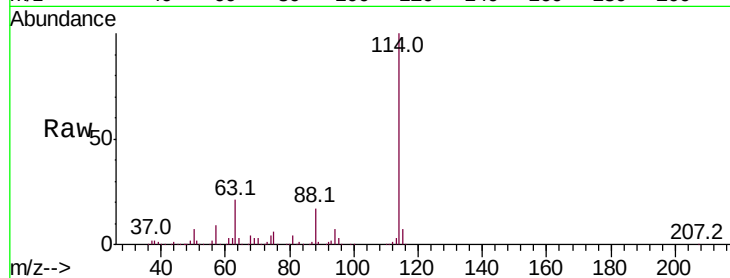
Tgt Ion:114 Resp: 523500

Ion Ratio Lower Upper

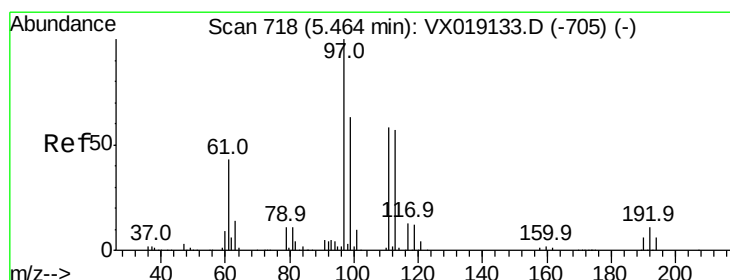
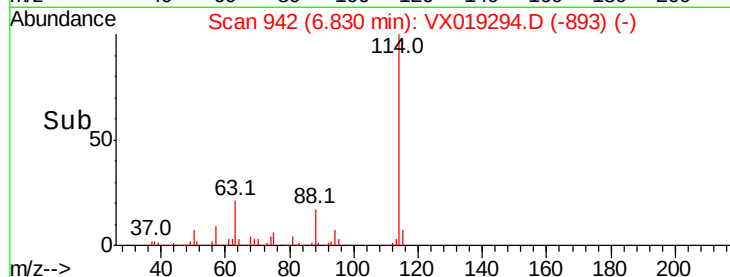
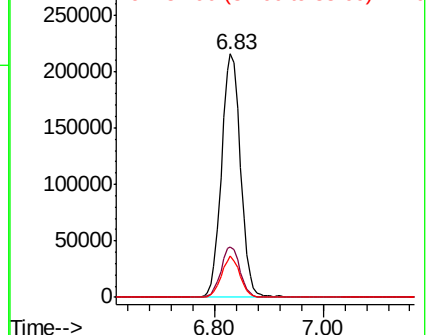
114 100

63 20.9 0.0 38.8

88 16.9 0.0 34.2



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: 50.124 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019294.D

Acq: 05 Nov 2020 00:55

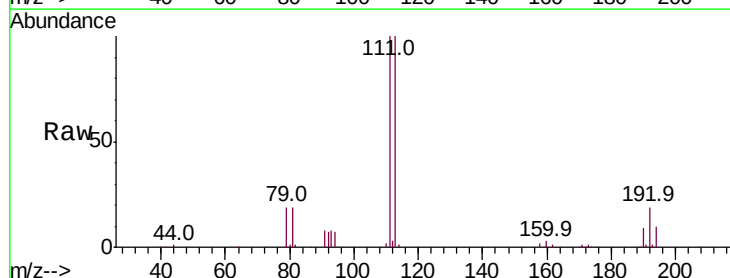
Tgt Ion:113 Resp: 164823

Ion Ratio Lower Upper

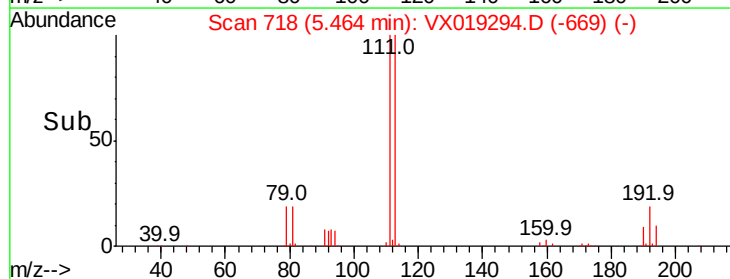
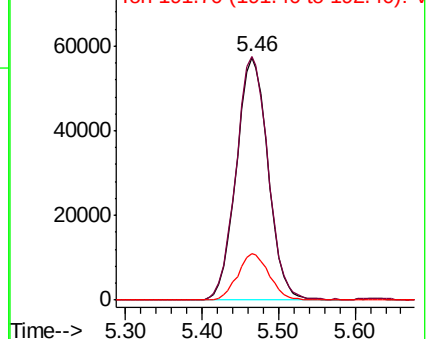
113 100

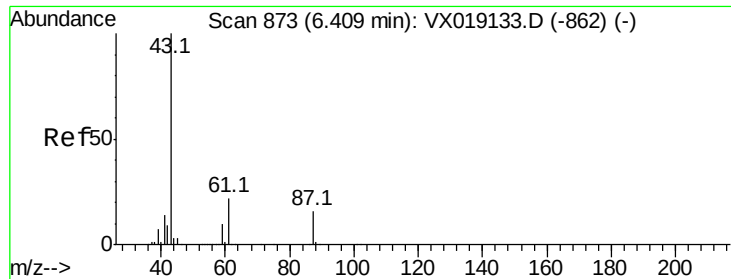
111 101.4 82.3 123.5

192 18.9 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: 9.712 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX019294.D

Acq: 05 Nov 2020 00:55

Instrument :

MSVOA_X

ClientSampleId :

PAV-B8-110220-0-1

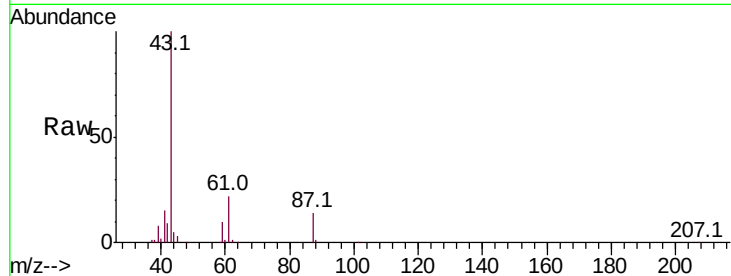
Tgt Ion: 43 Resp: 72992

Ion Ratio Lower Upper

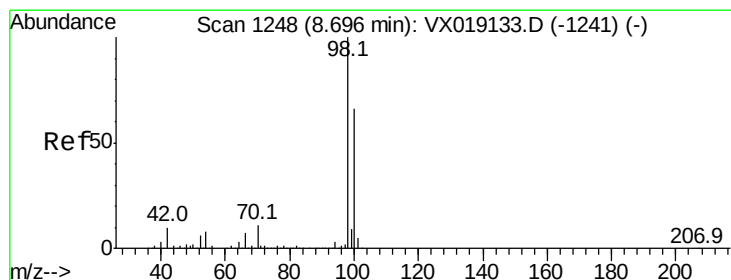
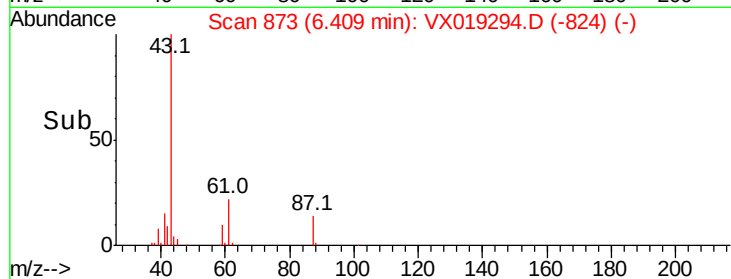
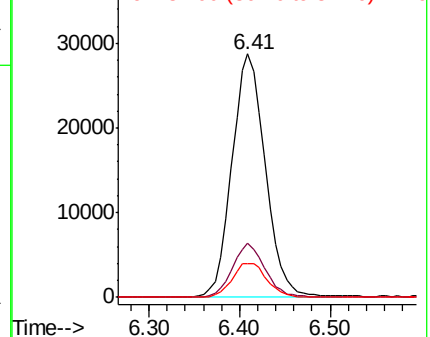
43 100

61 21.6 17.8 26.6

87 14.7 12.6 19.0



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: 52.711 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019294.D

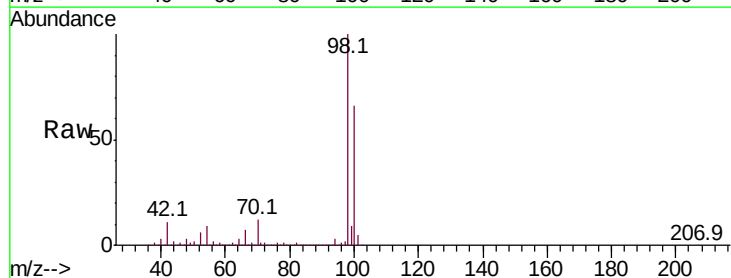
Acq: 05 Nov 2020 00:55

Tgt Ion: 98 Resp: 653391

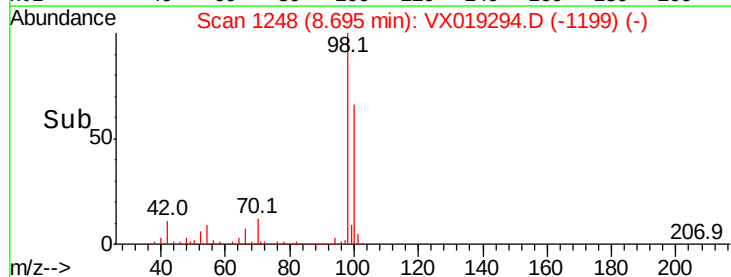
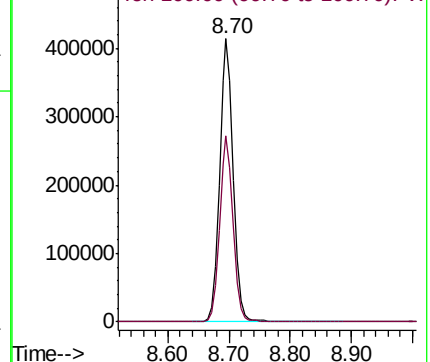
Ion Ratio Lower Upper

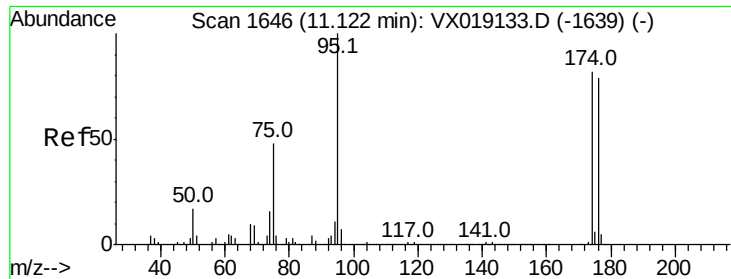
98 100

100 65.4 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

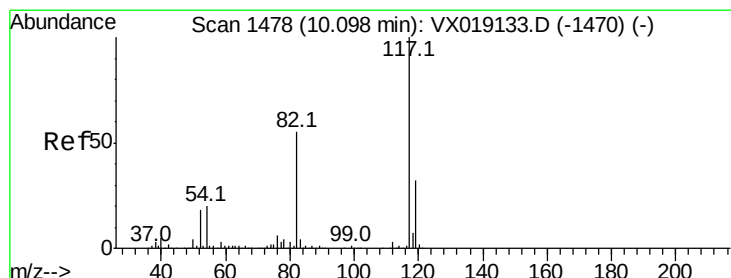
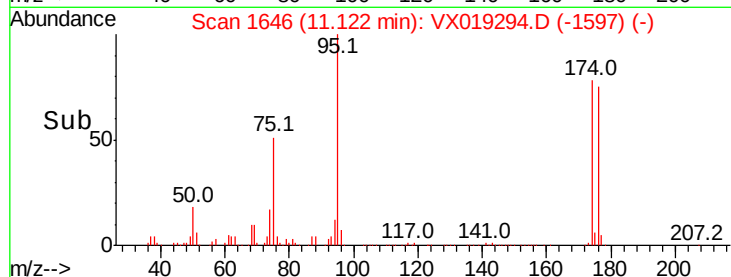
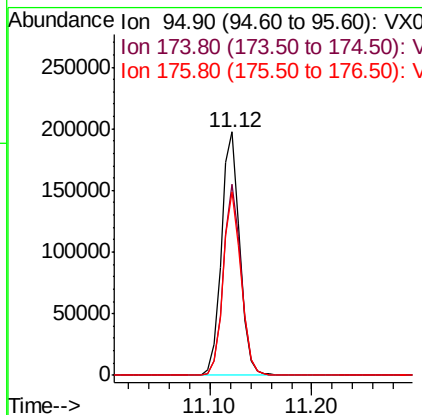
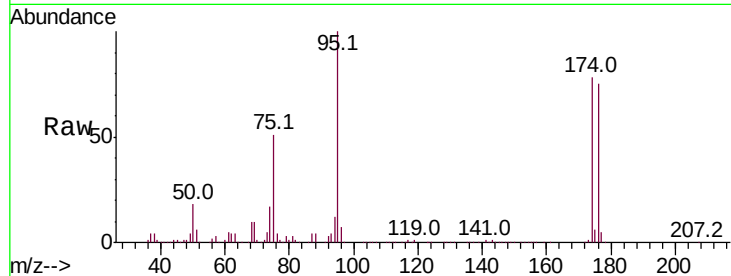




#62
4-Bromofluorobenzene
Concen: 52.696 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019294.D
Acq: 05 Nov 2020 00:55

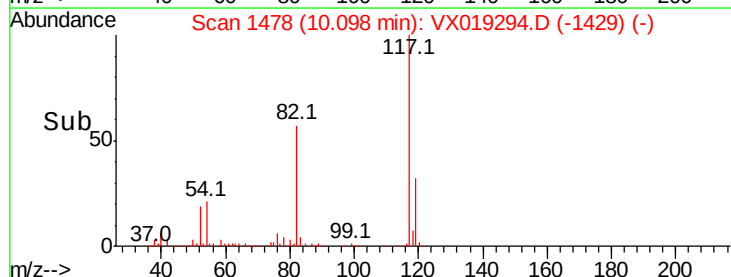
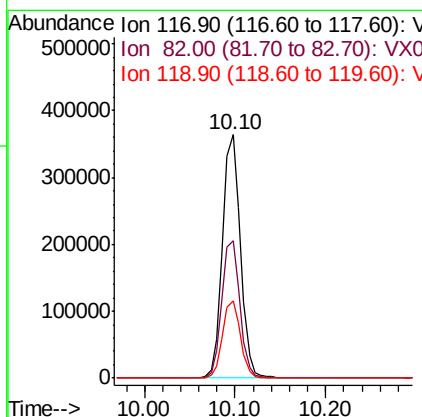
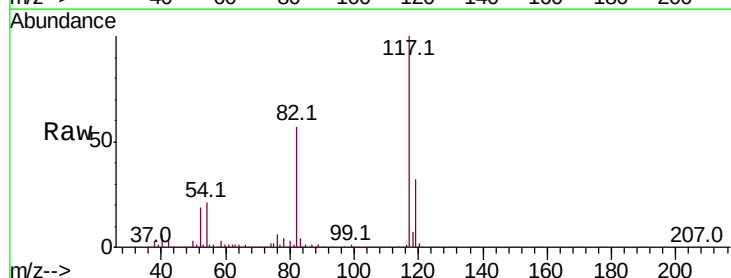
Instrument :
MSVOA_X
ClientSampleId :
PAV-B8-110220-0-1

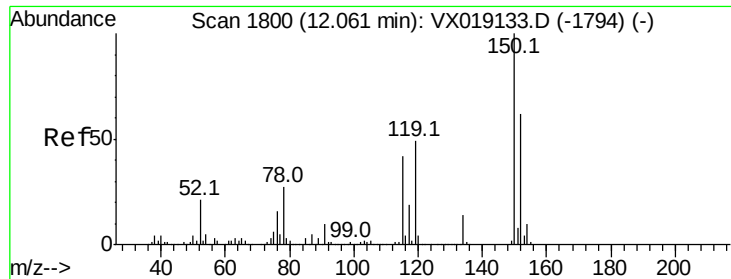
Tgt Ion: 95 Resp: 247374
Ion Ratio Lower Upper
95 100
174 75.7 0.0 156.0
176 73.2 0.0 149.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019294.D
Acq: 05 Nov 2020 00:55

Tgt Ion: 117 Resp: 502829
Ion Ratio Lower Upper
117 100
82 56.7 43.6 65.4
119 31.9 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019294.D

Acq: 05 Nov 2020 00:55

Instrument :

MSVOA_X

ClientSampleId :

PAV-B8-110220-0-1

Tgt Ion:152 Resp: 247107

Ion Ratio Lower Upper

152 100

115 60.8 41.9 125.7

150 156.4 0.0 347.8

