

Data File : VX019295.D
Acq On : 05 Nov 2020 01:17
Operator : JC/MD
Sample : L4621-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
PAV-B8-110320-19-20

Quant Time: Nov 05 03:32:45 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	289203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	516495	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	501701	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	245063	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	205649	55.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.28%	
35) Dibromofluoromethane	5.46	113	162475	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
50) Toluene-d8	8.70	98	646021	52.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.64%	
62) 4-Bromofluorobenzene	11.12	95	245524	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	

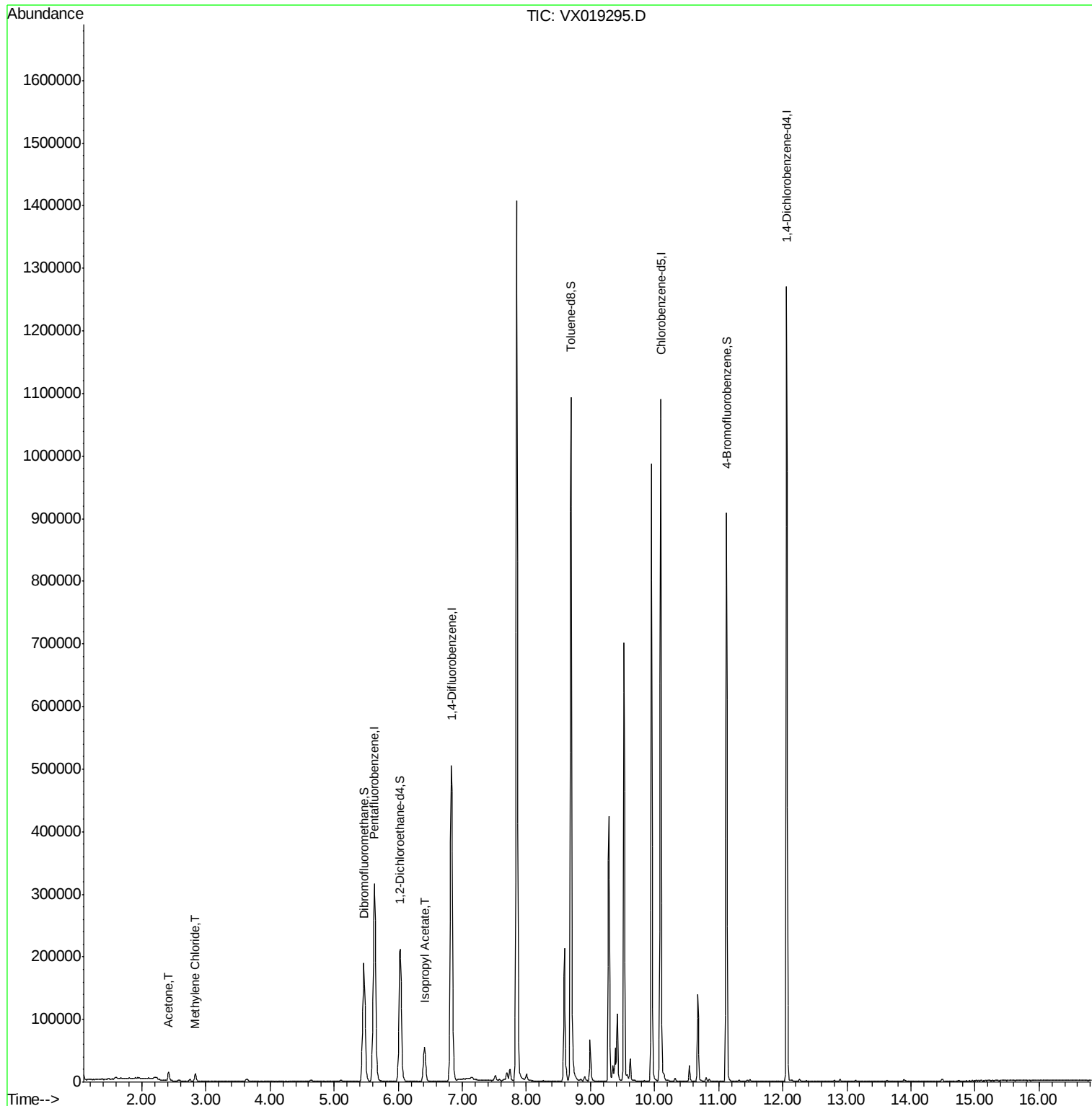
Target Compounds				Qvalue		
16) Acetone	2.42	43	15242	11.846	ug/l	100
20) Methylene Chloride	2.83	84	5748	1.779	ug/l	97
43) Isopropyl Acetate	6.41	43	75208	10.143	ug/l	97

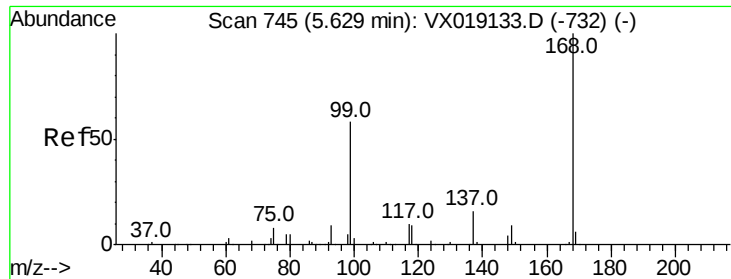
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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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Instrument :

MSVOA_X

ClientSampleId :

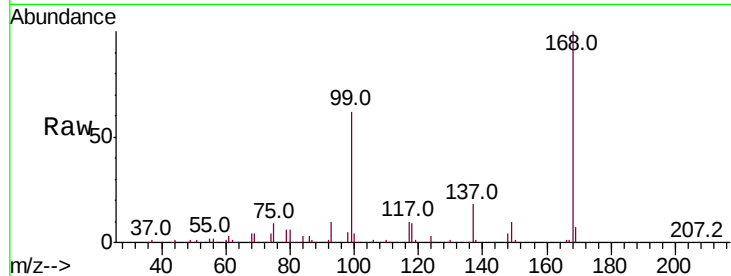
PAV-B8-110320-19-20

Tgt Ion:168 Resp: 289203

Ion Ratio Lower Upper

168 100

99 62.4 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

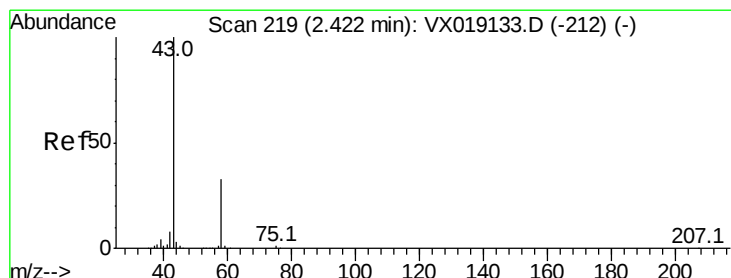
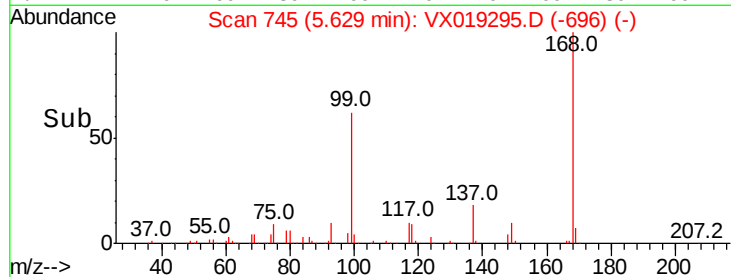
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 11.846 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019295.D

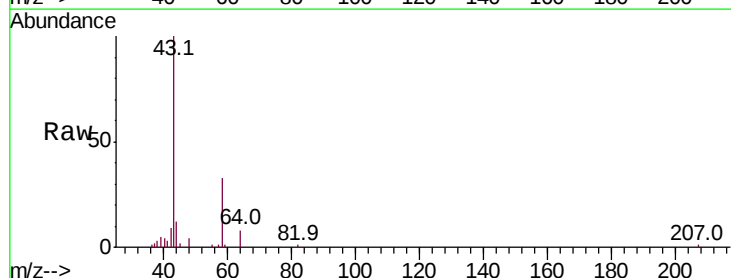
Acq: 05 Nov 2020 01:17

Tgt Ion: 43 Resp: 15242

Ion Ratio Lower Upper

43 100

58 32.8 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

10000

8000

6000

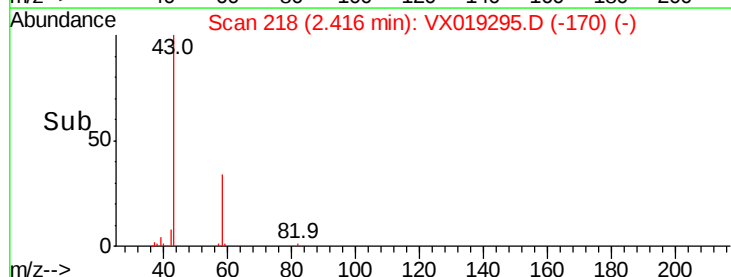
4000

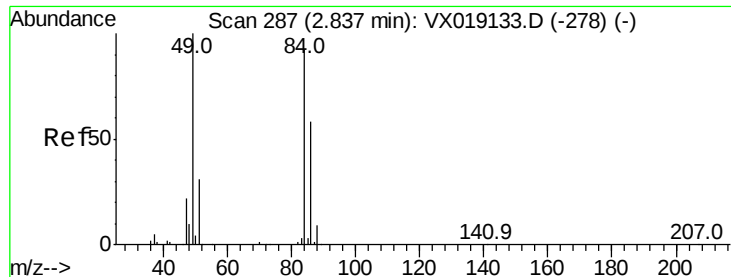
2000

0

2.30 2.35 2.40 2.45 2.50

Time-->





#20

Methylene Chloride

Concen: 1.779 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX019295.D

Acq: 05 Nov 2020 01:17

Instrument :

MSVOA_X

ClientSampleId :

PAV-B8-110320-19-20

Tgt Ion: 84 Resp: 5748

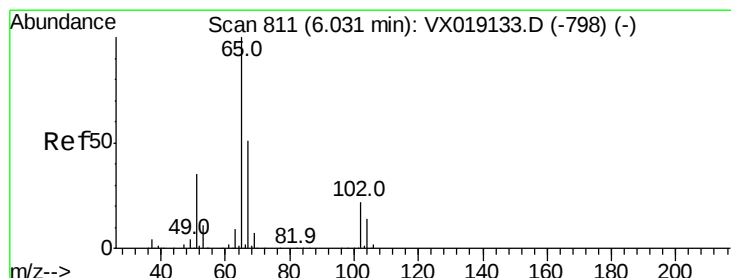
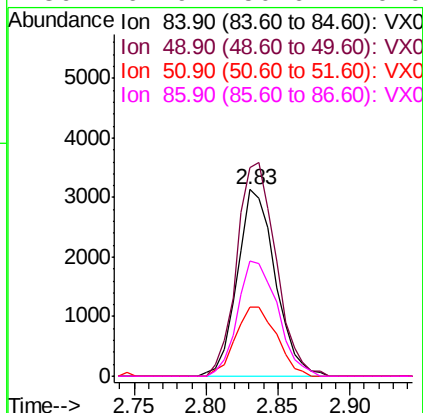
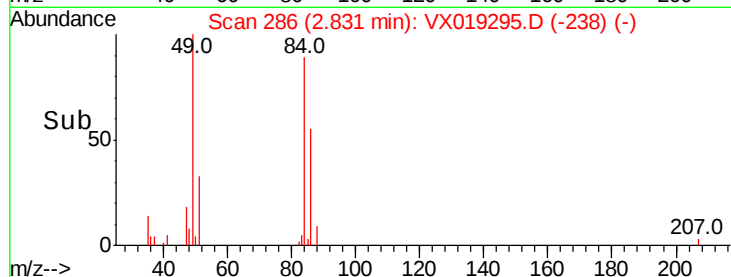
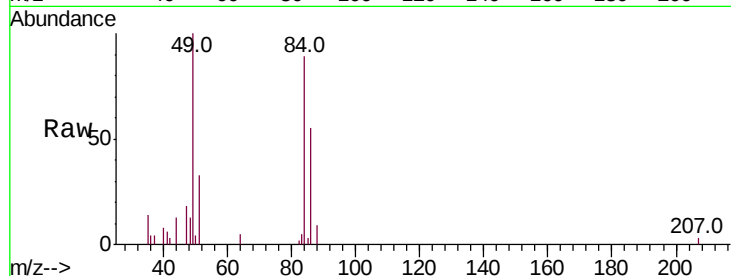
Ion Ratio Lower Upper

84 100

49 111.7 86.8 130.2

51 37.2 27.3 40.9

86 61.9 50.6 76.0



#33

1,2-Dichloroethane-d4

Concen: 55.139 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019295.D

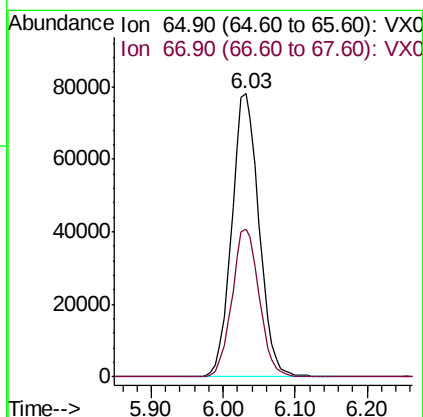
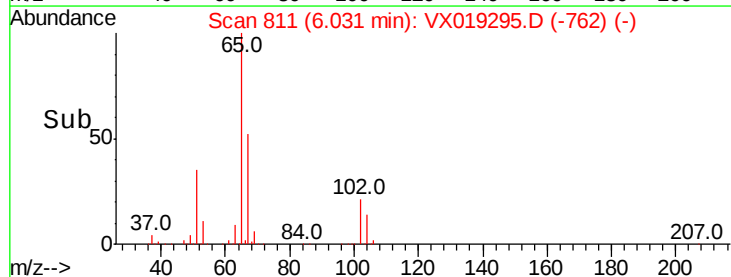
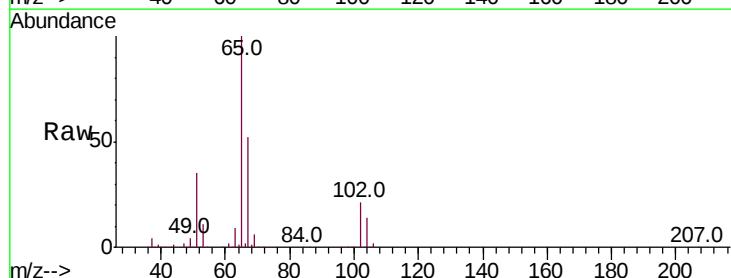
Acq: 05 Nov 2020 01:17

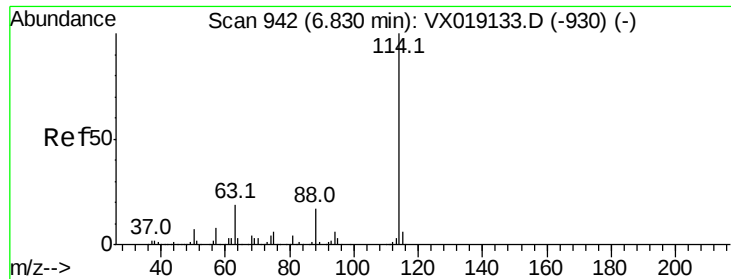
Tgt Ion: 65 Resp: 205649

Ion Ratio Lower Upper

65 100

67 52.1 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: VX019295.D

Acq: 05 Nov 2020 01:17

Instrument :

MSVOA_X

ClientSampleId :

PAV-B8-110320-19-20

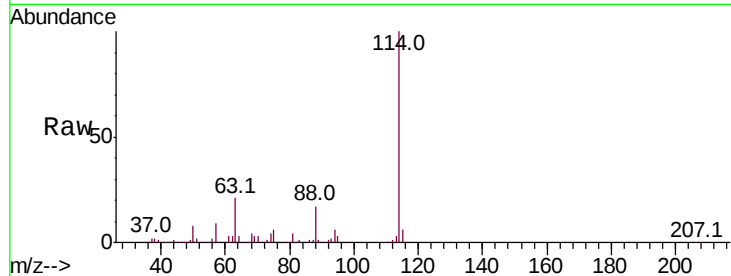
Tgt Ion:114 Resp: 516495

Ion Ratio Lower Upper

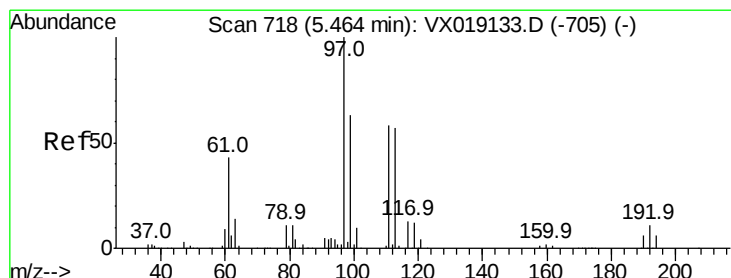
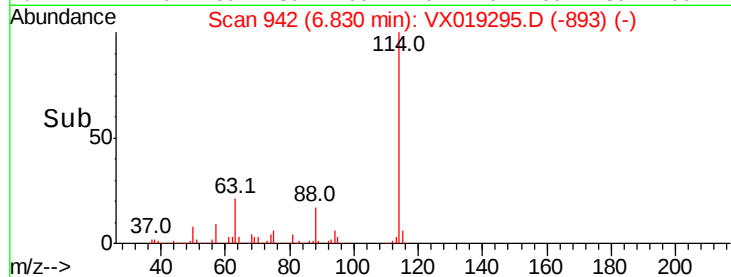
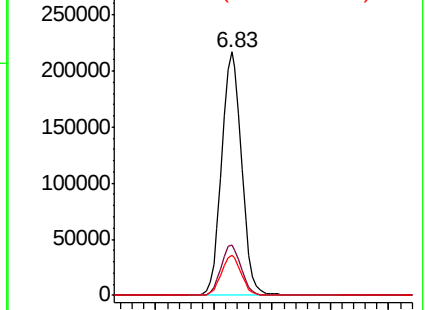
114 100

63 20.9 0.0 38.8

88 16.6 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: 50.080 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019295.D

Acq: 05 Nov 2020 01:17

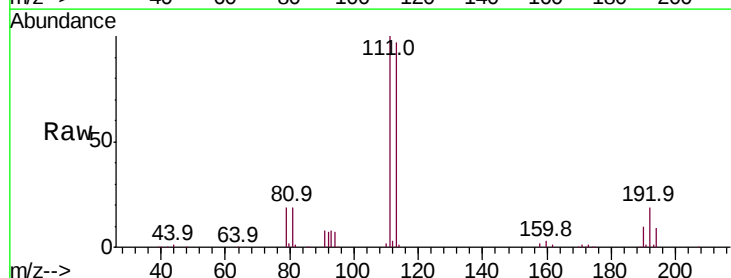
Tgt Ion:113 Resp: 162475

Ion Ratio Lower Upper

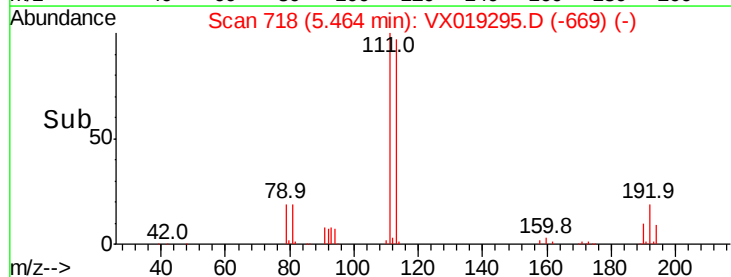
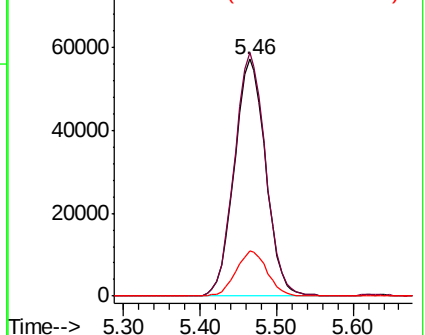
113 100

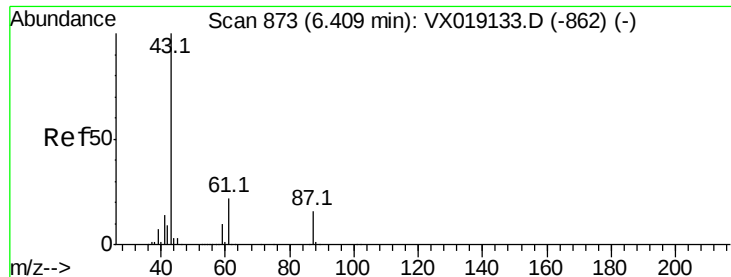
111 102.5 82.3 123.5

192 19.0 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: 10.143 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.00 min

Lab File: VX019295.D

Acq: 05 Nov 2020 01:17

Instrument :

MSVOA_X

ClientSampleId :

PAV-B8-110320-19-20

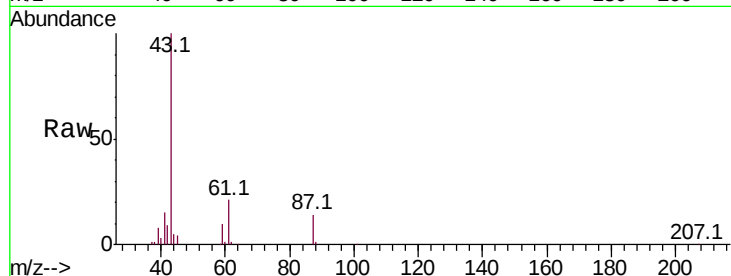
Tgt Ion: 43 Resp: 75208

Ion Ratio Lower Upper

43 100

61 21.3 17.8 26.6

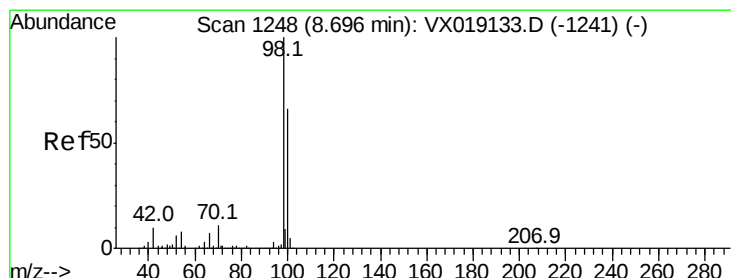
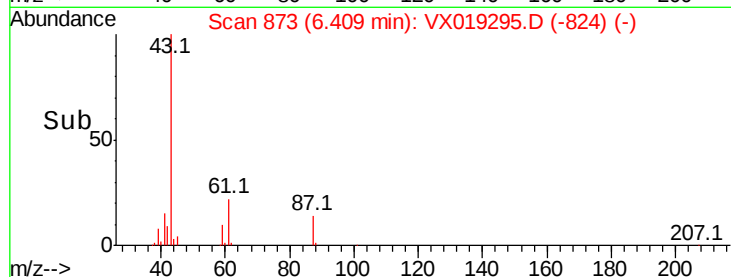
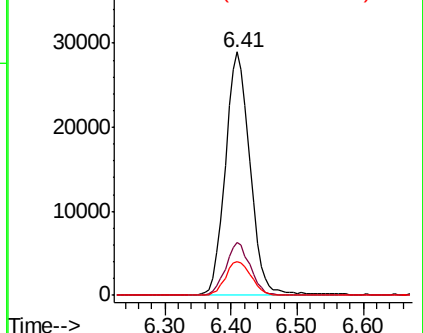
87 14.3 12.6 19.0



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: 52.823 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019295.D

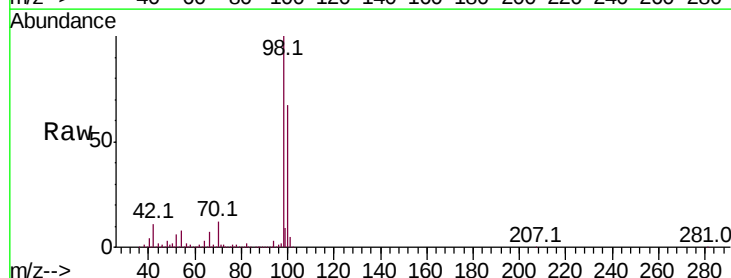
Acq: 05 Nov 2020 01:17

Tgt Ion: 98 Resp: 646021

Ion Ratio Lower Upper

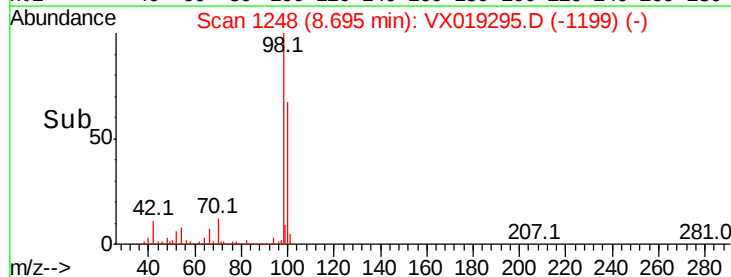
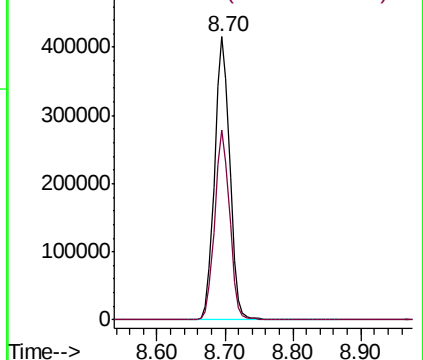
98 100

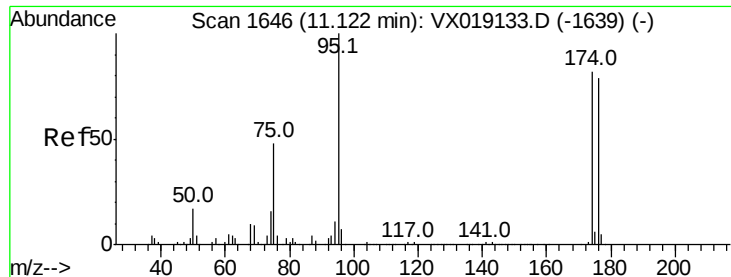
100 66.1 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

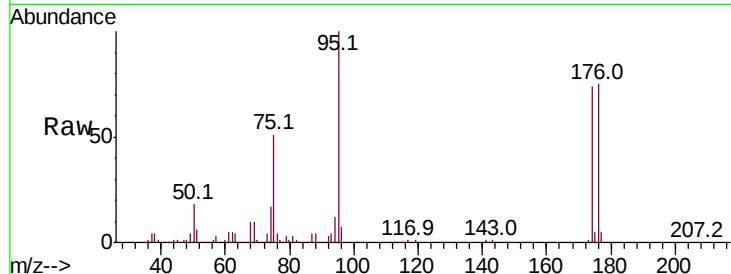




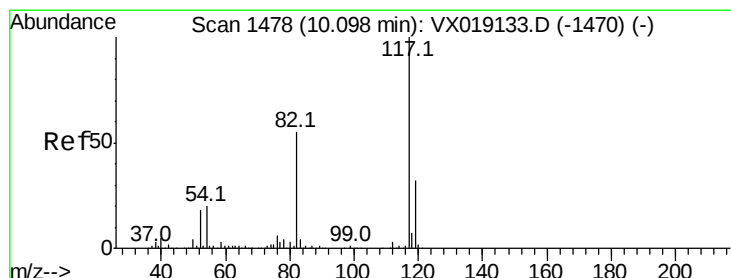
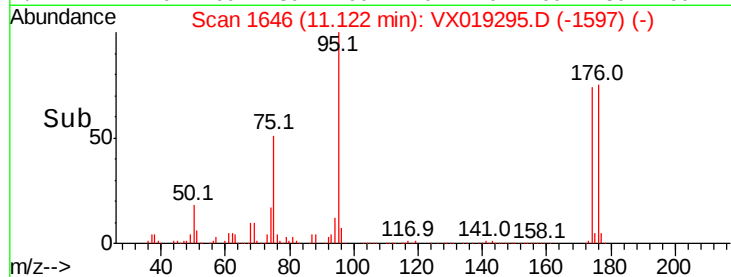
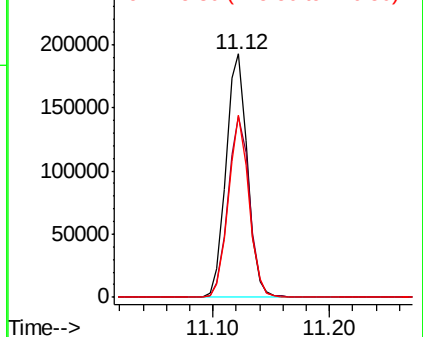
#62
4-Bromofluorobenzene
Concen: 53.012 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019295.D
Acq: 05 Nov 2020 01:17

Instrument :
MSVOA_X
ClientSampleId :
PAV-B8-110320-19-20

Tgt Ion: 95 Resp: 245524
Ion Ratio Lower Upper
95 100
174 75.0 0.0 156.0
176 71.9 0.0 149.8

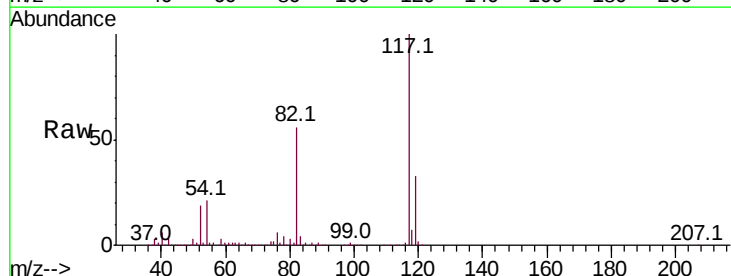


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

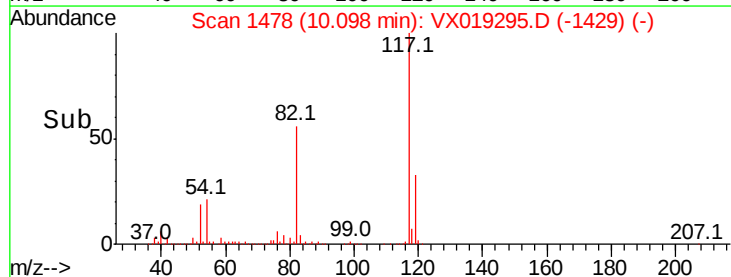
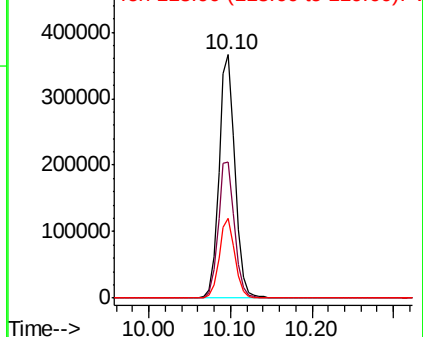


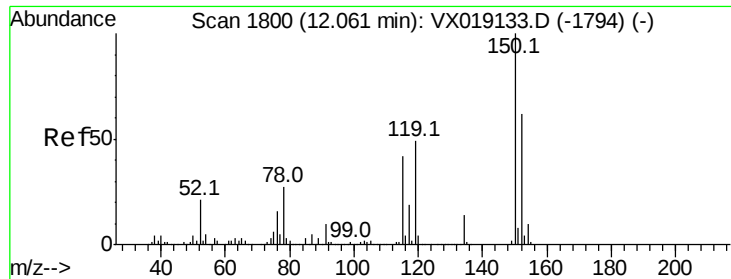
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019295.D
Acq: 05 Nov 2020 01:17

Tgt Ion: 117 Resp: 501701
Ion Ratio Lower Upper
117 100
82 55.9 43.6 65.4
119 33.0 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
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: VX019295.D

Acq: 05 Nov 2020 01:17

Instrument :

MSVOA_X

ClientSampleId :

PAV-B8-110320-19-20

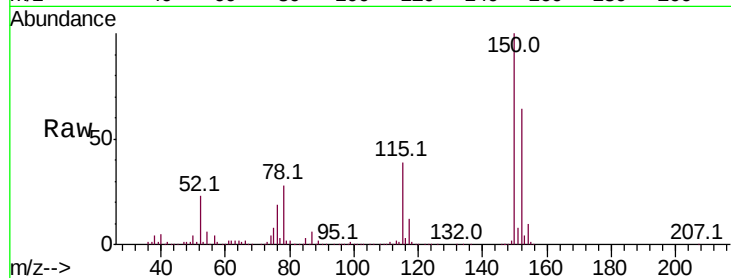
Tgt Ion:152 Resp: 245063

Ion Ratio Lower Upper

152 100

115 61.5 41.9 125.7

150 155.6 0.0 347.8



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

