

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121220\
 Data File : VX019941.D
 Acq On : 12 Dec 2020 18:44
 Operator : JC/MD
 Sample : PB133524ZHE#05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133524ZHE#05

Quant Time: Dec 14 08:40:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	296073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	493842	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	447893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	187269	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	193018	49.60	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.20%		
35) Dibromofluoromethane	5.46	113	153609	48.13	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.26%		
50) Toluene-d8	8.70	98	605178	49.67	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.34%		
62) 4-Bromofluorobenzene	11.12	95	205799	44.38	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.76%		

Target Compounds

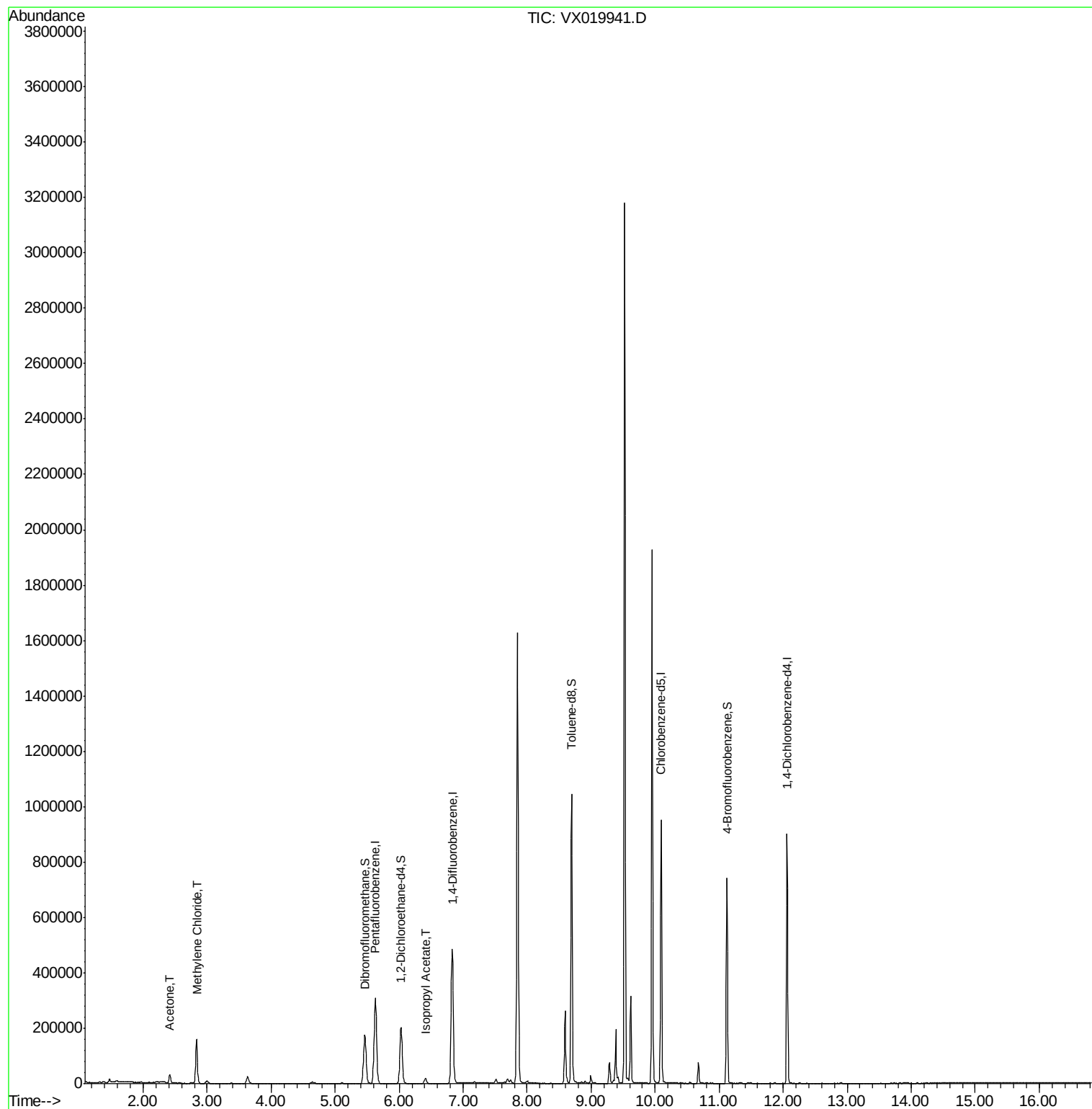
					Qvalue
16) Acetone	2.42	43	33450	22.870 ug/l	99
20) Methylene Chloride	2.84	84	77497	22.424 ug/l	99
43) Isopropyl Acetate	6.41	43	23564	3.217 ug/l	98

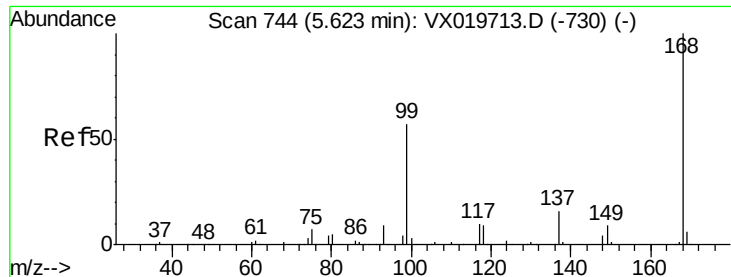
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019941.D

Acq: 12 Dec 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

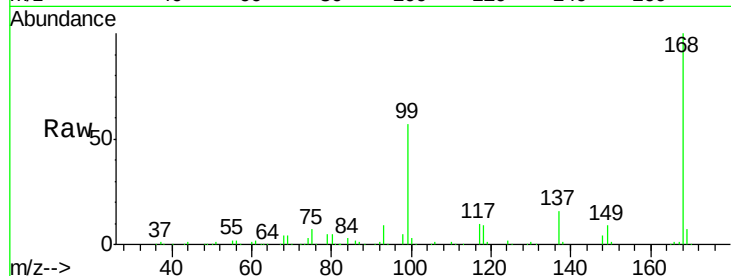
PB133524ZHE#05

Tot Ion:168 Resp: 296073

Ion Ratio Lower Upper

168 100

99 56.7 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

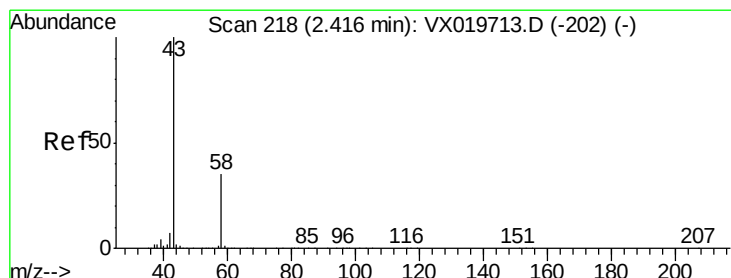
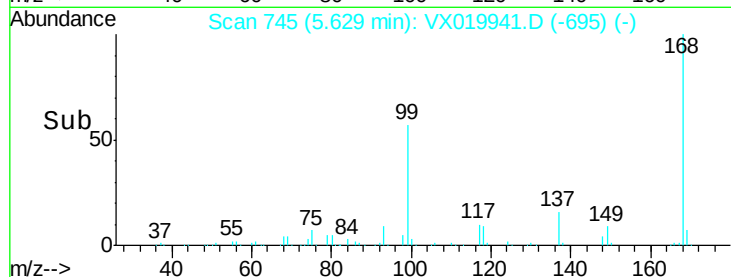
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 22.870 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019941.D

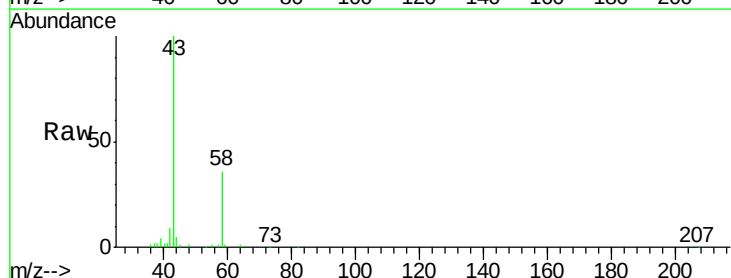
Acq: 12 Dec 2020 18:44

Tgt Ion: 43 Resp: 33450

Ion Ratio Lower Upper

43 100

58 35.6 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

20000

15000

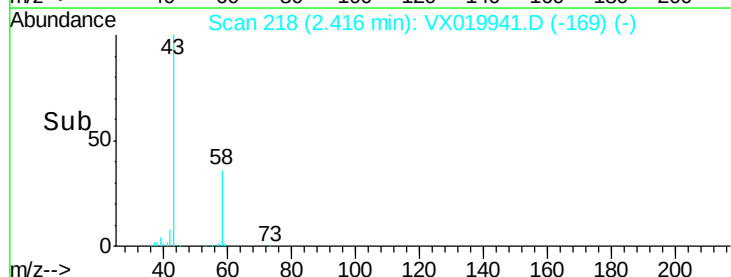
10000

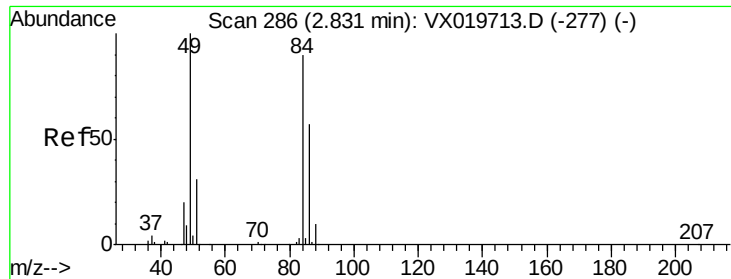
5000

0

Time-->

2.30 2.40 2.50

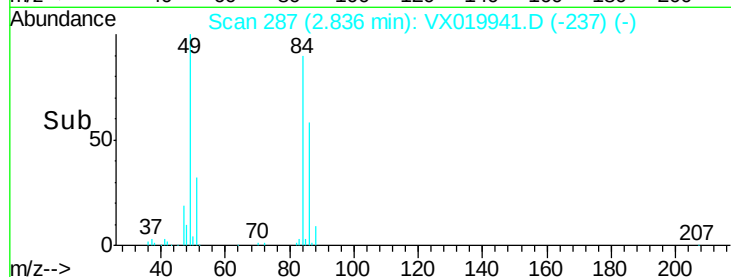
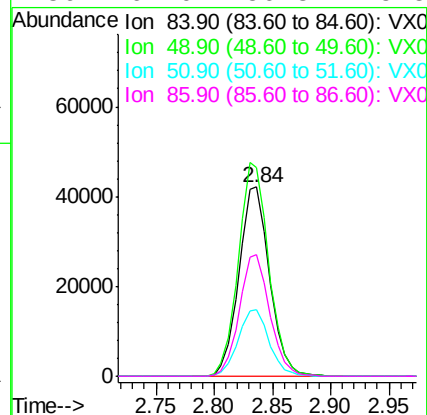
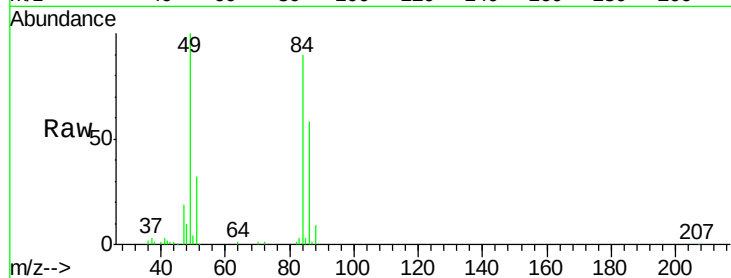




#20
Methylene Chloride
Concen: 22.424 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX019941.D
Acq: 12 Dec 2020 18:44

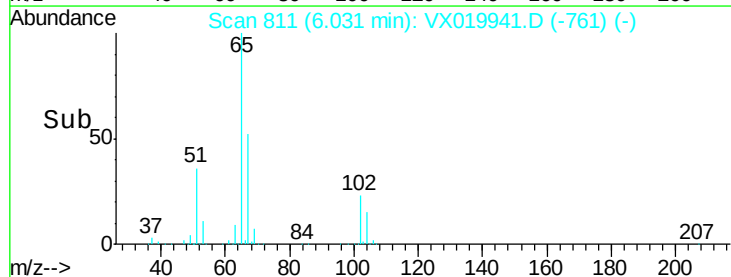
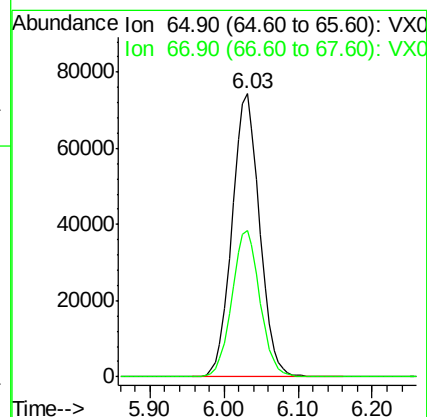
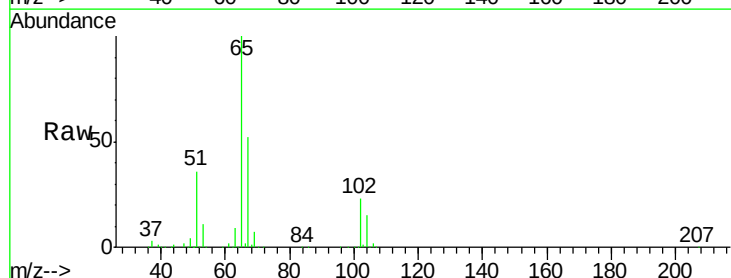
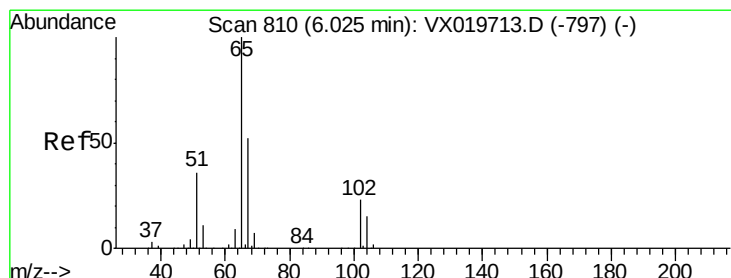
Instrument :
MSVOA_X
ClientSampleId :
PB133524ZHE#05

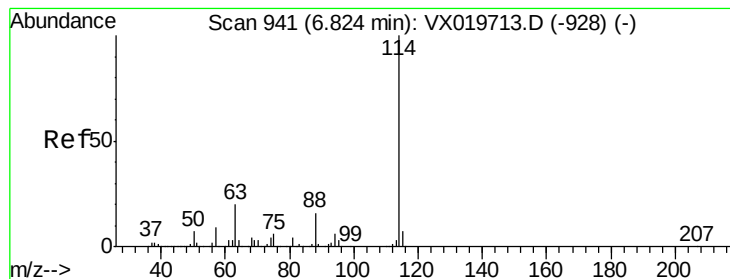
Tot Ion: 84 Resp: 77497
Ion Ratio Lower Upper
84 100
49 110.5 88.6 132.8
51 35.0 27.0 40.6
86 64.0 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 49.603 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX019941.D
Acq: 12 Dec 2020 18:44

Tgt Ion: 65 Resp: 193018
Ion Ratio Lower Upper
65 100
67 52.3 0.0 105.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019941.D

Acq: 12 Dec 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

PB133524ZHE#05

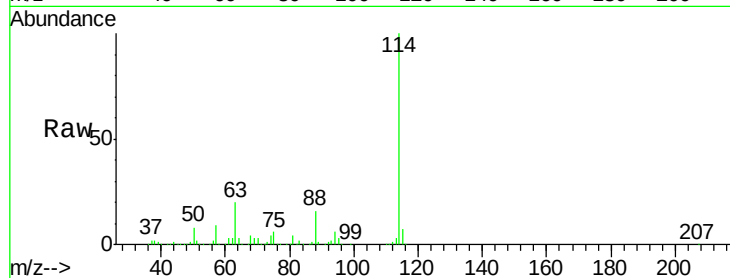
Tot Ion:114 Resp: 493842

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

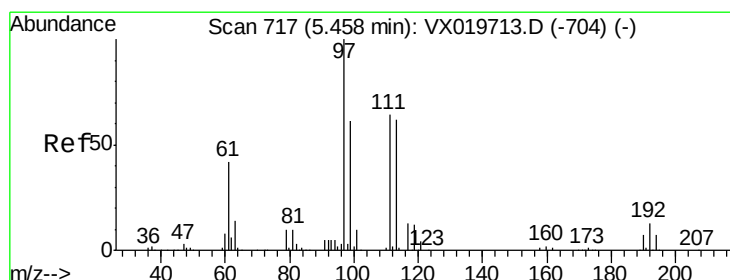
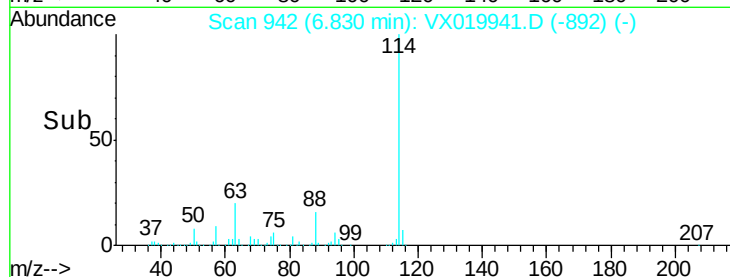
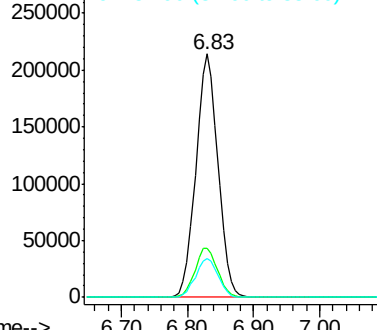
88 15.9 0.0 32.8



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: 48.129 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019941.D

Acq: 12 Dec 2020 18:44

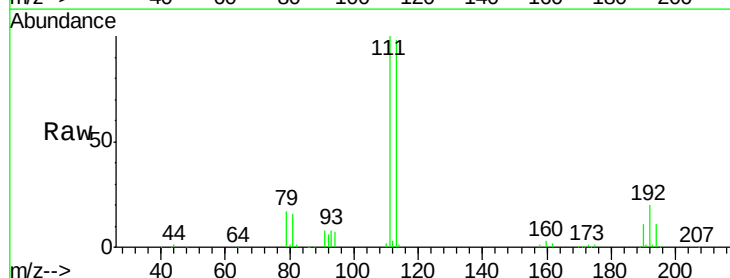
Tgt Ion:113 Resp: 153609

Ion Ratio Lower Upper

113 100

111 103.3 81.9 122.9

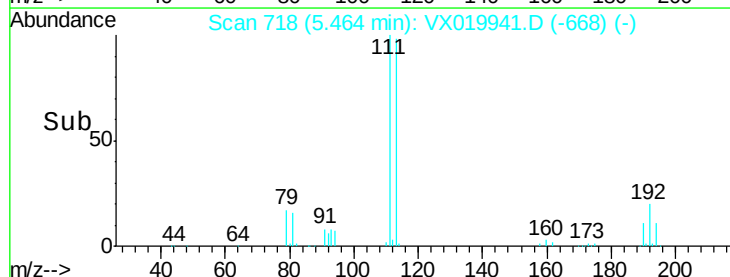
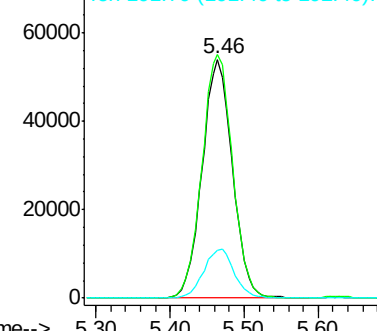
192 20.6 16.7 25.1

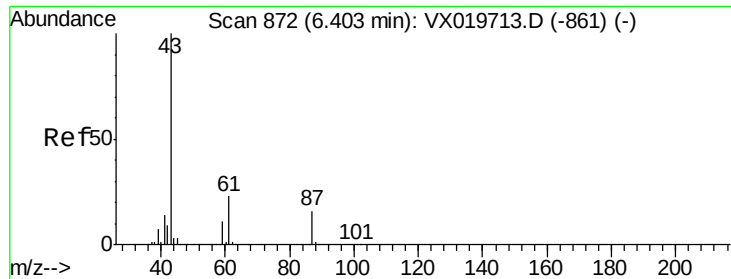


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.217 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019941.D

Acq: 12 Dec 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

PB133524ZHE#05

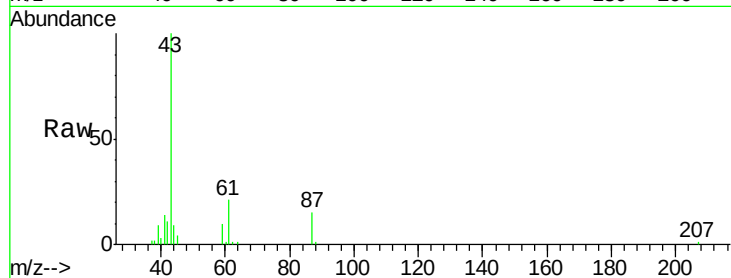
Tot Ion: 43 Resp: 23564

Ion Ratio Lower Upper

43 100

61 22.3 18.2 27.4

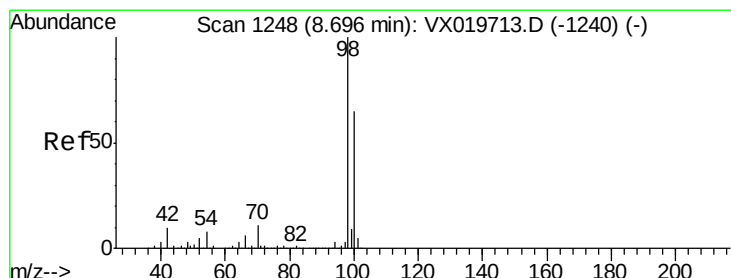
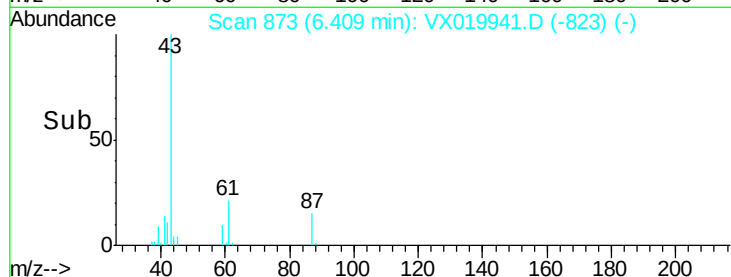
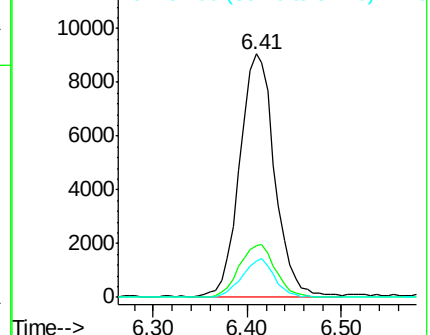
87 14.5 12.5 18.7



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: 49.667 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019941.D

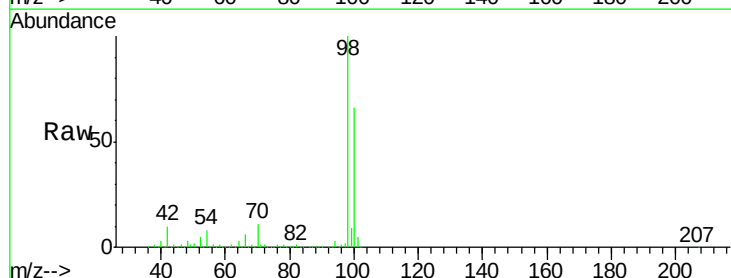
Acq: 12 Dec 2020 18:44

Tgt Ion: 98 Resp: 605178

Ion Ratio Lower Upper

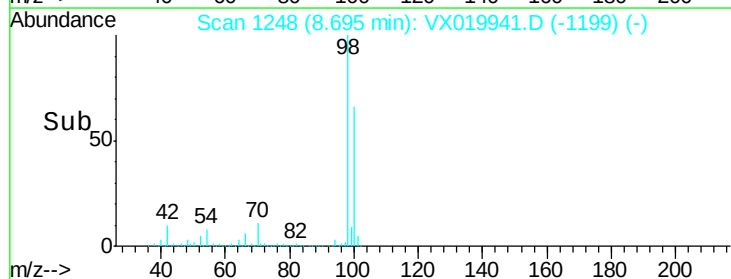
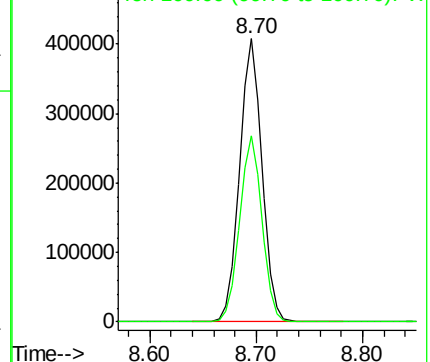
98 100

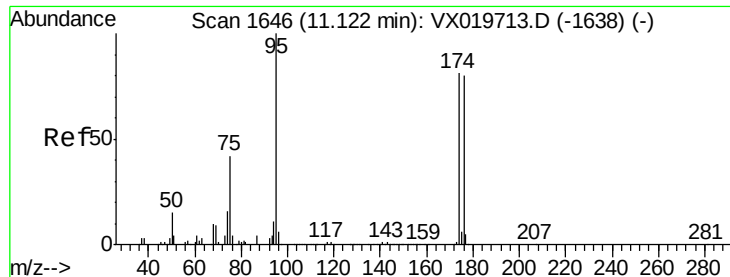
100 65.6 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.375 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019941.D

Acq: 12 Dec 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

PB133524ZHE#05

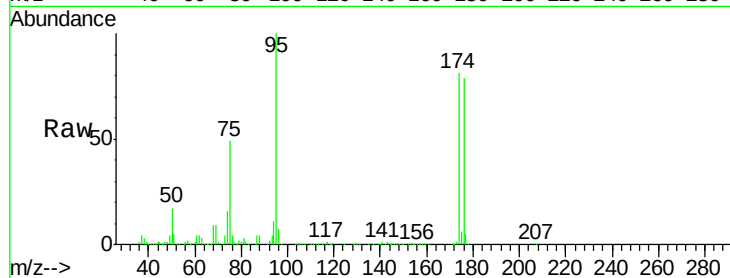
Tot Ion: 95 Resp: 205799

Ion Ratio Lower Upper

95 100

174 77.1 0.0 154.6

176 73.7 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0

11.12

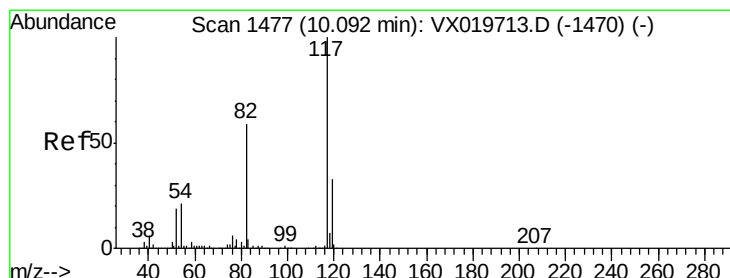
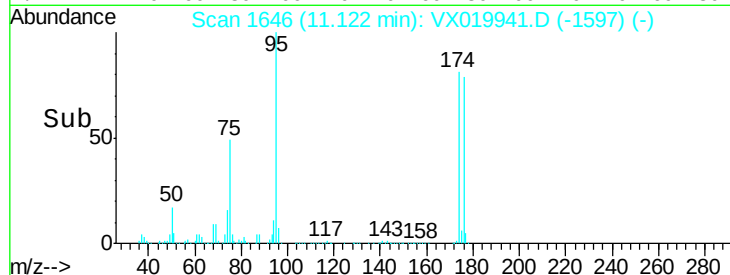
150000

100000

50000

0

Time--> 11.00 11.10 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.01 min

Lab File: VX019941.D

Acq: 12 Dec 2020 18:44

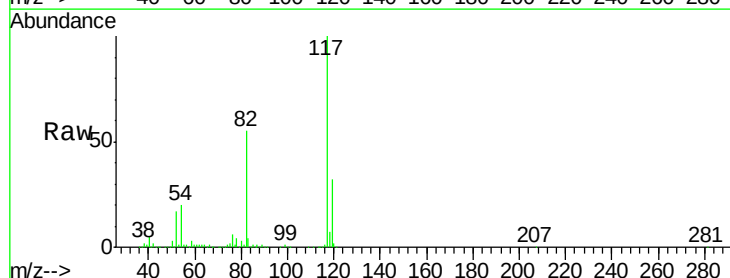
Tgt Ion: 117 Resp: 447893

Ion Ratio Lower Upper

117 100

82 55.3 47.4 71.2

119 31.9 26.6 39.8



Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0

10.10

400000

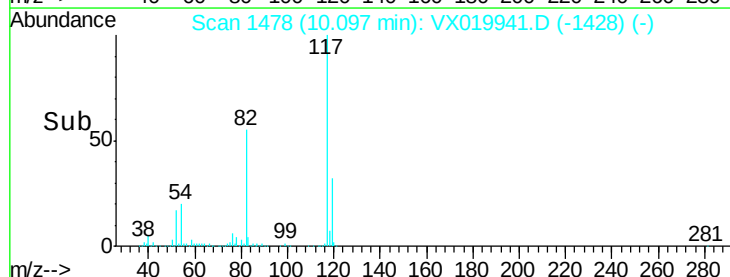
300000

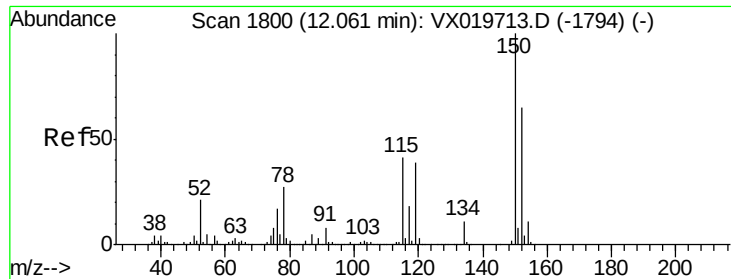
200000

100000

0

Time--> 10.00 10.10 10.20





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019941.D

Acq: 12 Dec 2020 18:44

Instrument :

MSVOA_X

ClientSampleId :

PB133524ZHE#05

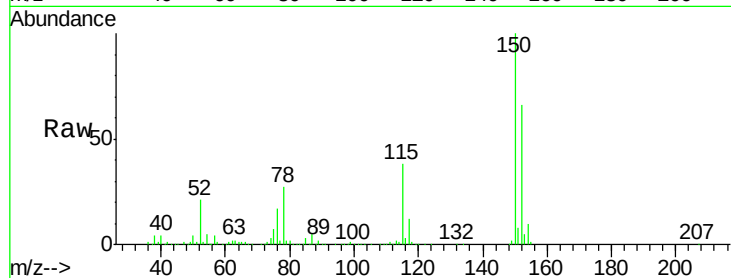
Tot Ion:152 Resp: 187269

Ion Ratio Lower Upper

152 100

115 58.7 41.1 123.3

150 153.3 0.0 349.0



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

