

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120120\
 Data File : VX019694.D
 Acq On : 01 Dec 2020 14:47
 Operator : JC/MD
 Sample : PB133320ZHE#07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133320ZHE#07

Quant Time: Dec 02 03:04:13 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	286106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	478552	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	422018	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	155839	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	181054	48.81	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.62%		
35) Dibromofluoromethane	5.46	113	144701	48.17	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.34%		
50) Toluene-d8	8.70	98	576332	49.37	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.74%		
62) 4-Bromofluorobenzene	11.12	95	185959	44.28	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.56%		

Target Compounds

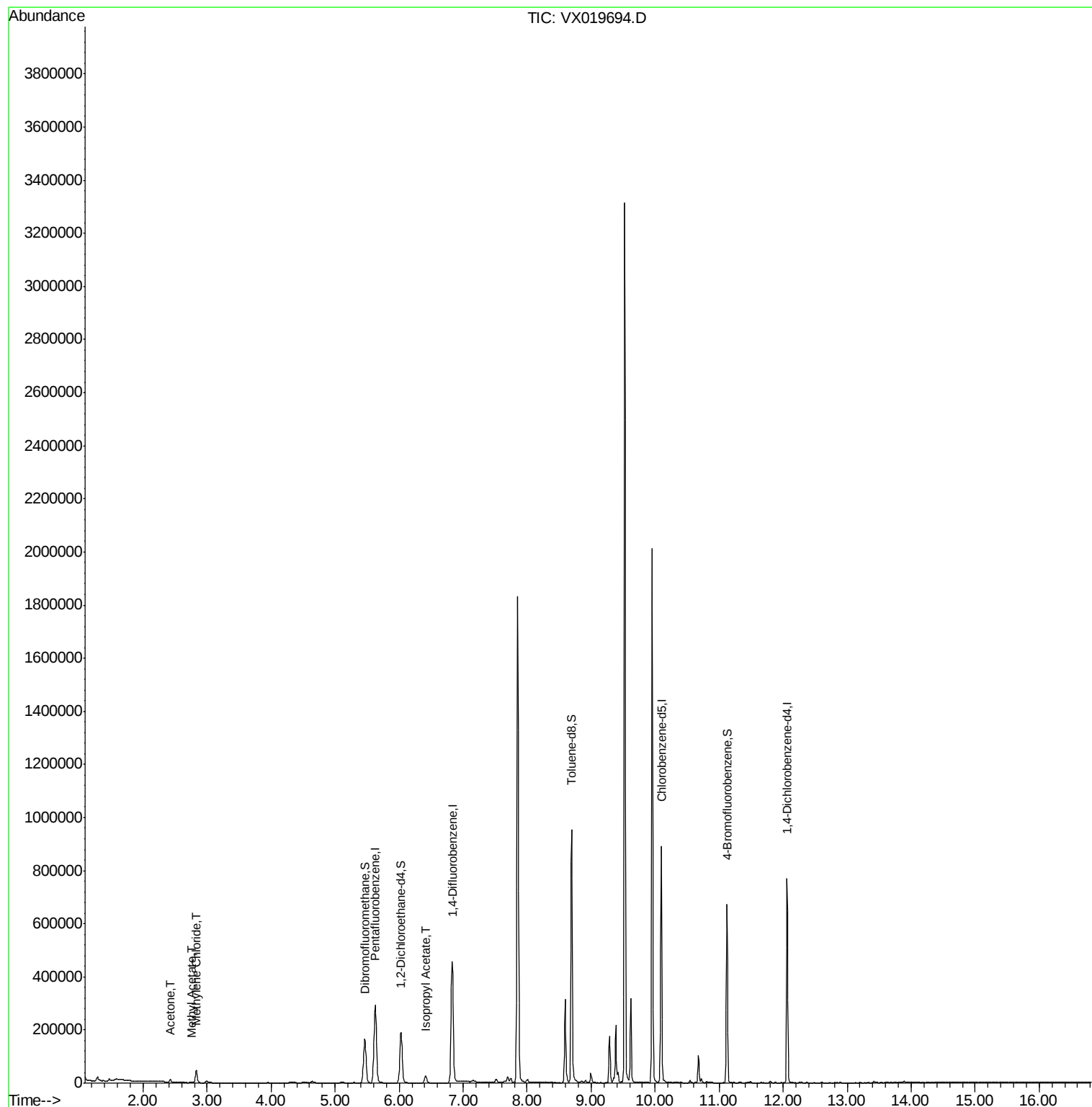
					Qvalue
16) Acetone	2.43	43	10837	7.554	ug/l 96
18) Methyl Acetate	2.75	43	3106	1.506	ug/l 93
20) Methylene Chloride	2.83	84	23333	6.507	ug/l 97
43) Isopropyl Acetate	6.42	43	34107	4.817	ug/l 99

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

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QLast Update : Sat Nov 21 01:57:45 2020
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019694.D

Acq: 01 Dec 2020 14:47

Instrument :

MSVOA_X

ClientSampleId :

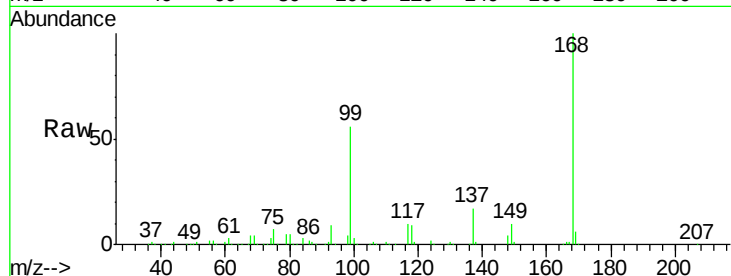
PB133320ZHE#07

Tot Ion:168 Resp: 286106

Ion Ratio Lower Upper

168 100

99 56.4 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

100000

80000

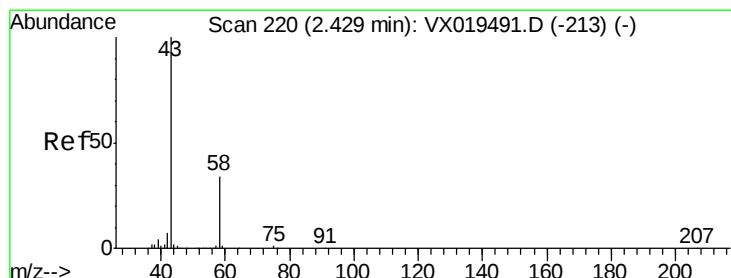
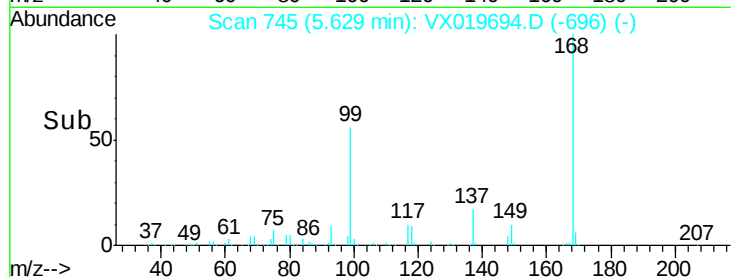
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 7.554 ug/l

RT: 2.43 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX019694.D

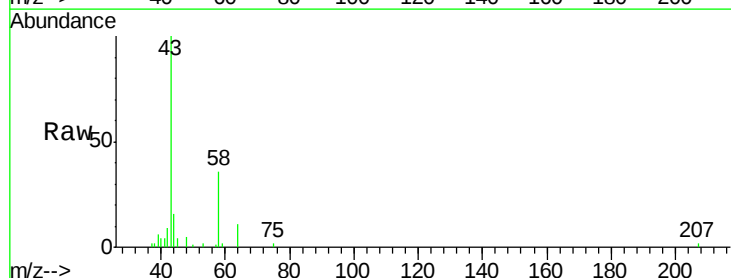
Acq: 01 Dec 2020 14:47

Tgt Ion: 43 Resp: 10837

Ion Ratio Lower Upper

43 100

58 36.3 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

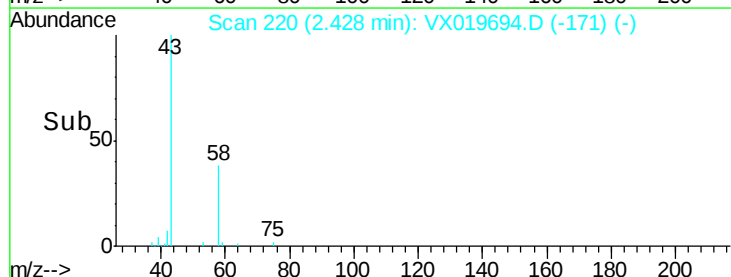
6000

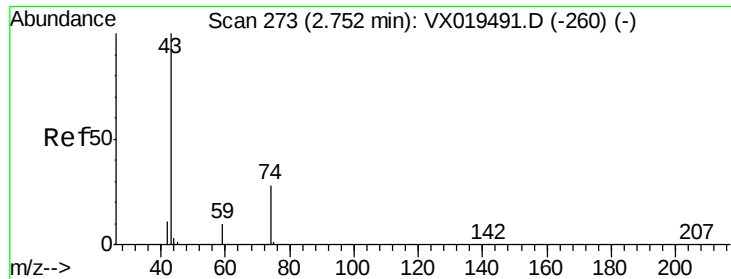
4000

2000

0

Time-->

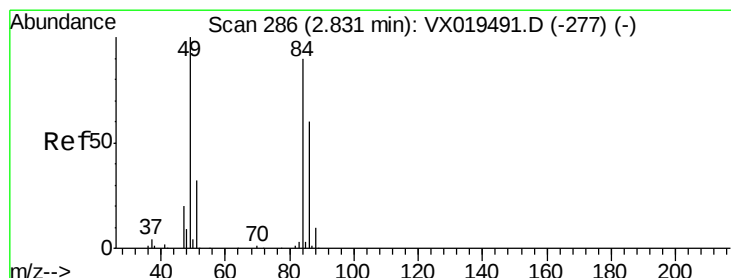
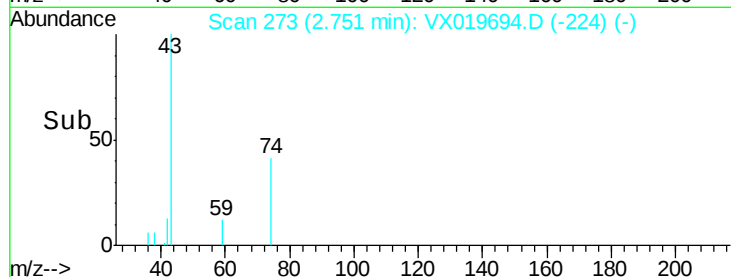
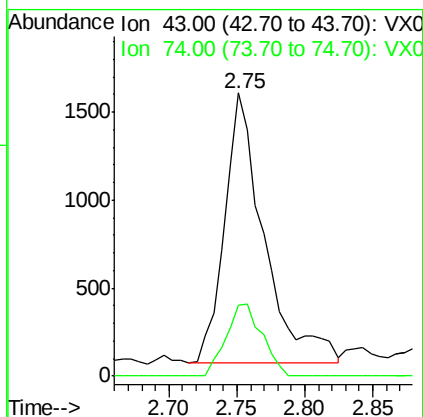
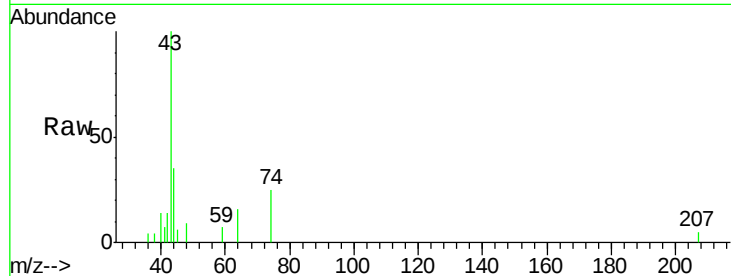




#18
Methyl Acetate
Concen: 1.506 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019694.D
Acq: 01 Dec 2020 14:47

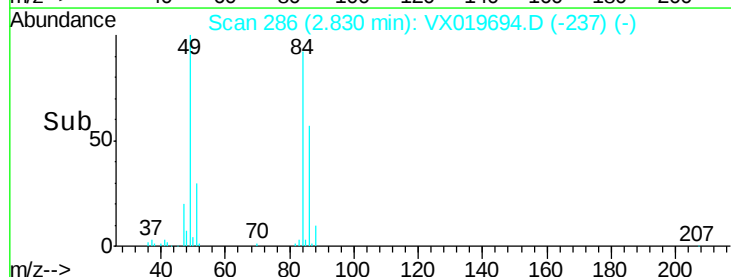
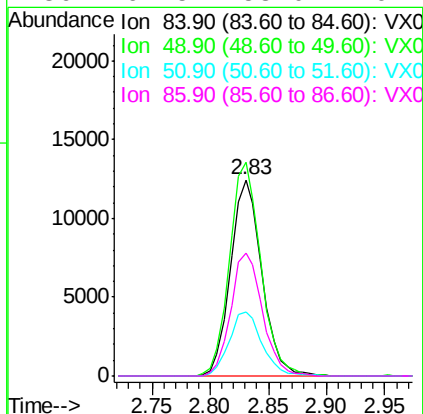
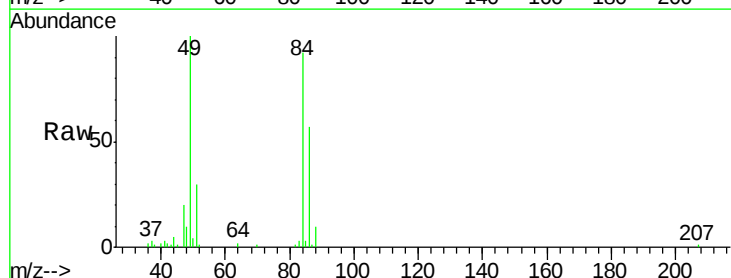
Instrument :
MSVOA_X
ClientSampleId :
PB133320ZHE#07

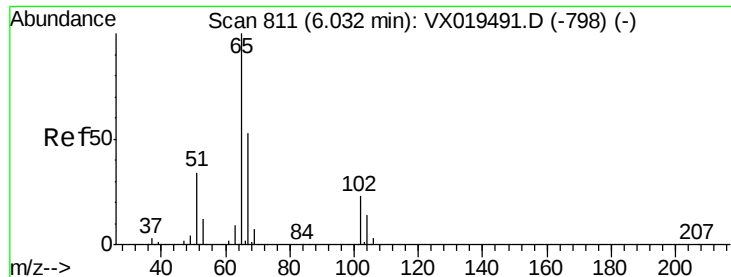
Tot Ion: 43 Resp: 3106
Ion Ratio Lower Upper
43 100
74 24.1 22.2 33.4



#20
Methylene Chloride
Concen: 6.507 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019694.D
Acq: 01 Dec 2020 14:47

Tgt Ion: 84 Resp: 23333
Ion Ratio Lower Upper
84 100
49 109.0 88.5 132.7
51 32.8 28.0 42.0
86 62.5 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 48.807 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019694.D

Acq: 01 Dec 2020 14:47

Instrument :

MSVOA_X

ClientSampleId :

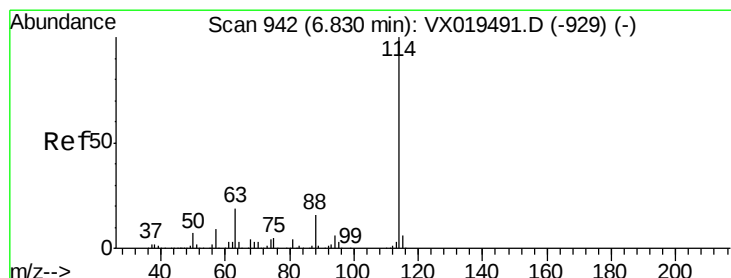
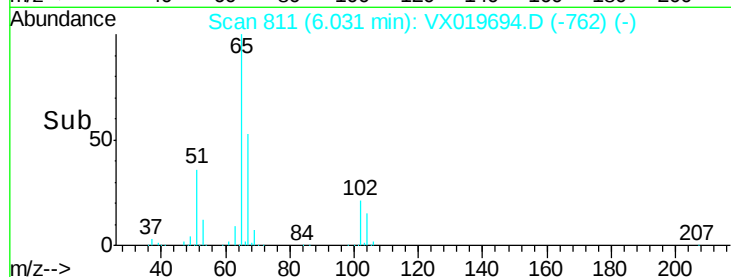
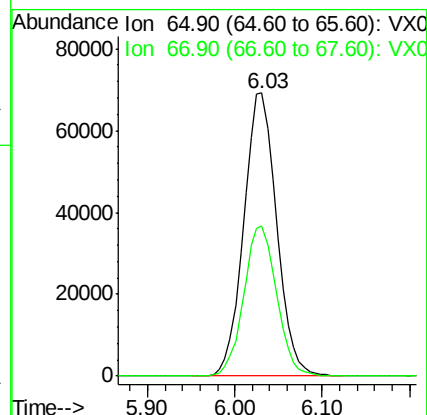
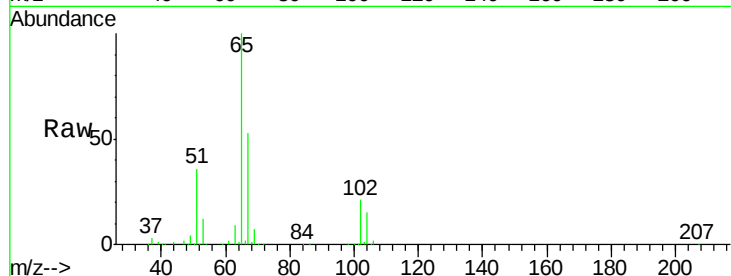
PB133320ZHE#07

Tot Ion: 65 Resp: 181054

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: VX019694.D

Acq: 01 Dec 2020 14:47

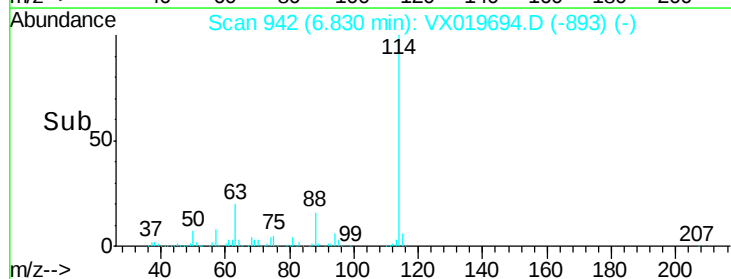
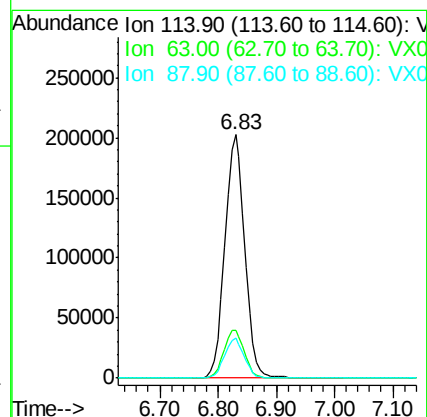
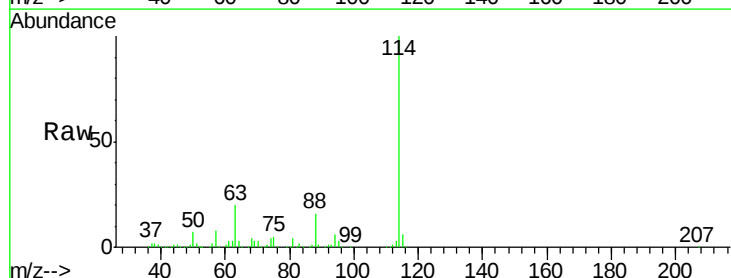
Tgt Ion: 114 Resp: 478552

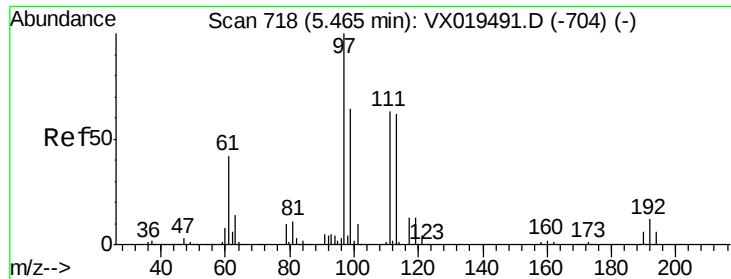
Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.8

88 16.2 0.0 31.6

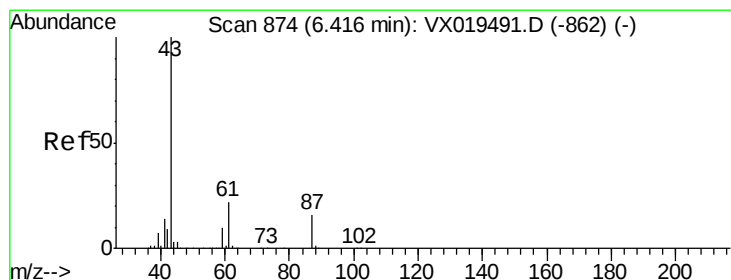
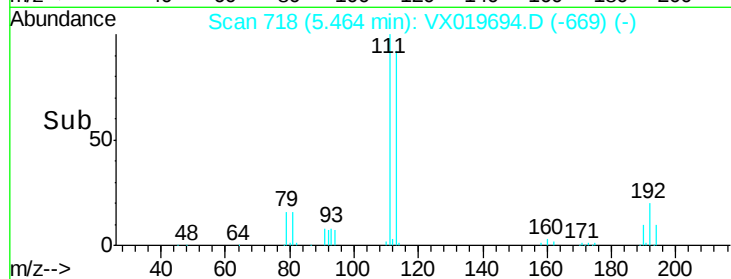
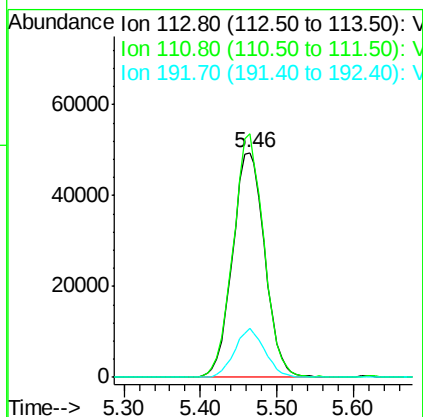
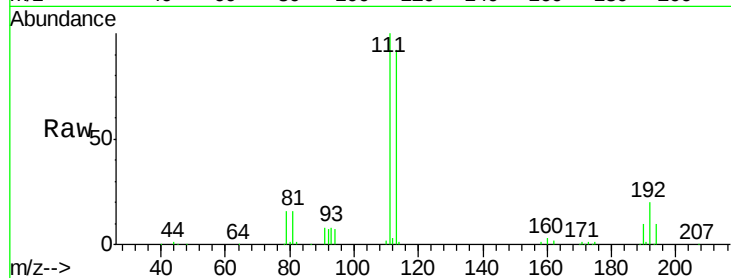




#35
Dibromofluoromethane
Concen: 48.172 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.00 min
Lab File: VX019694.D
Acq: 01 Dec 2020 14:47

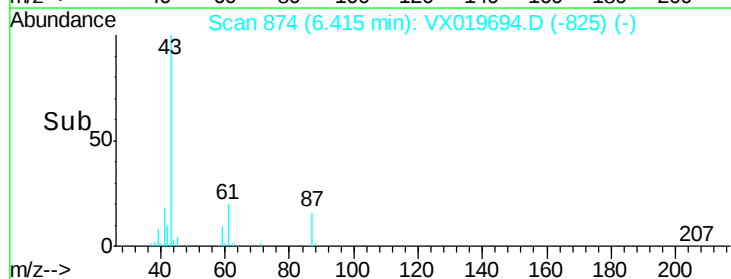
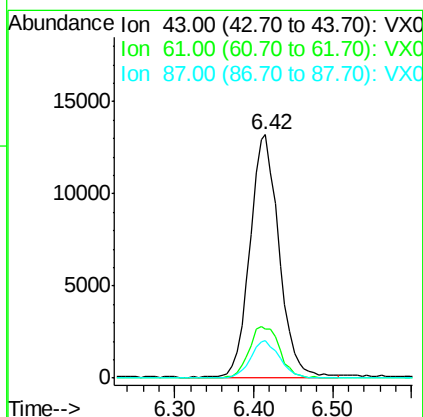
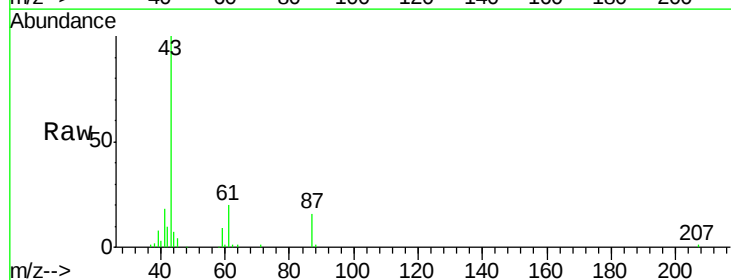
Instrument :
MSVOA_X
ClientSampleId :
PB133320ZHE#07

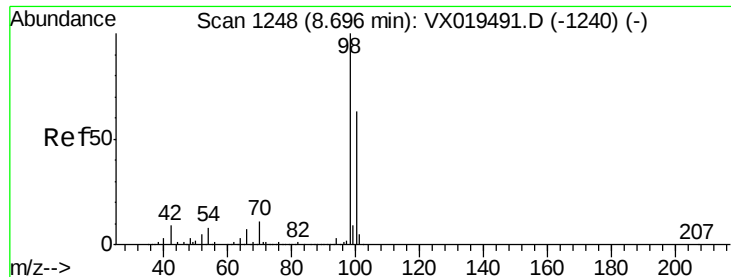
Tot Ion:113 Resp: 144701
Ion Ratio Lower Upper
113 100
111 102.9 81.5 122.3
192 20.4 16.2 24.2



#43
Isopropyl Acetate
Concen: 4.817 ug/l
RT: 6.42 min Scan# 874
Delta R.T. -0.00 min
Lab File: VX019694.D
Acq: 01 Dec 2020 14:47

Tgt Ion: 43 Resp: 34107
Ion Ratio Lower Upper
43 100
61 22.1 18.2 27.2
87 15.3 12.6 18.8





#50

Toluene-d8

Concen: 49.374 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019694.D

Acq: 01 Dec 2020 14:47

Instrument :

MSVOA_X

ClientSampleId :

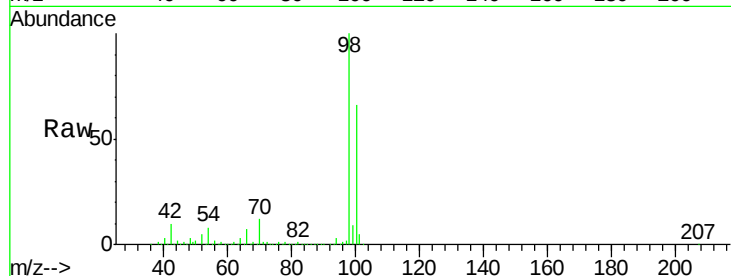
PB133320ZHE#07

Tot Ion: 98 Resp: 576332

Ion Ratio Lower Upper

98 100

100 66.5 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.70

400000

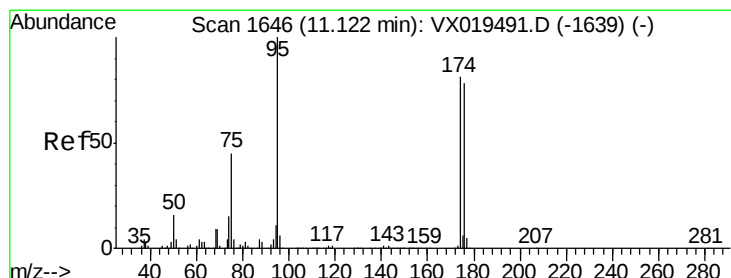
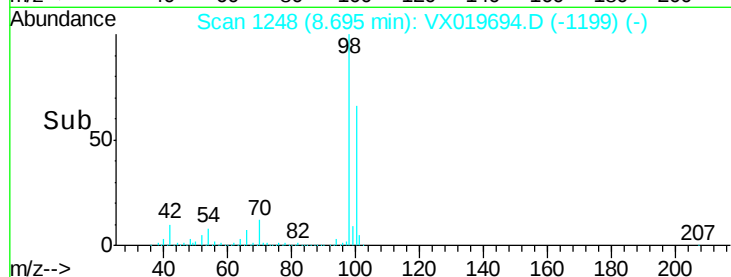
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.279 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019694.D

Acq: 01 Dec 2020 14:47

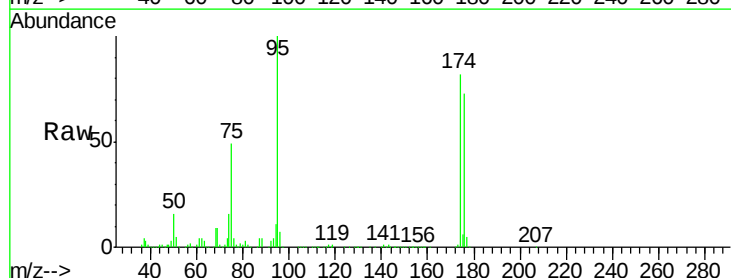
Tgt Ion: 95 Resp: 185959

Ion Ratio Lower Upper

95 100

174 76.1 0.0 156.2

176 72.0 0.0 151.4



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

200000

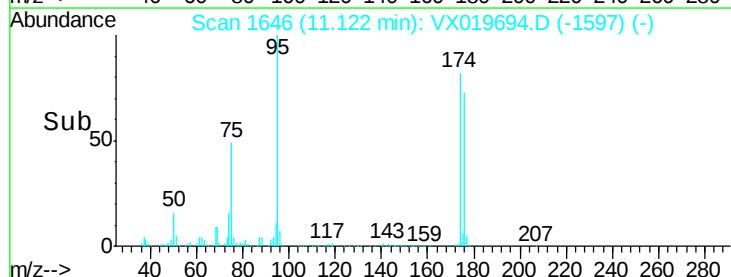
150000

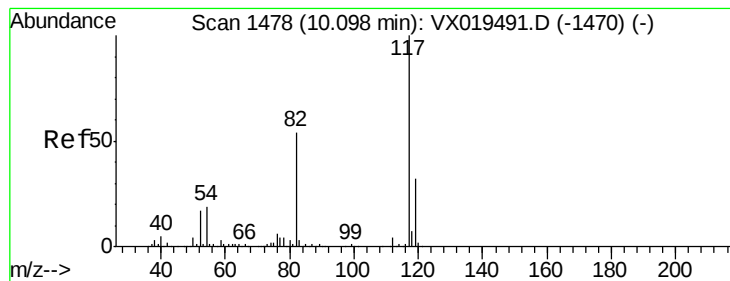
100000

50000

0

Time-->





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019694.D

Acq: 01 Dec 2020 14:47

Instrument :

MSVOA_X

ClientSampleId :

PB133320ZHE#07

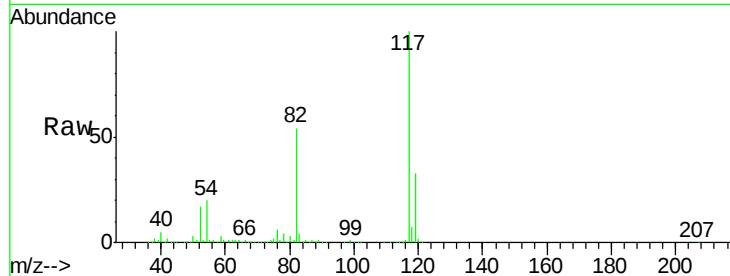
Tot Ion:117 Resp: 422018

Ion Ratio Lower Upper

117 100

82 54.3 43.0 64.4

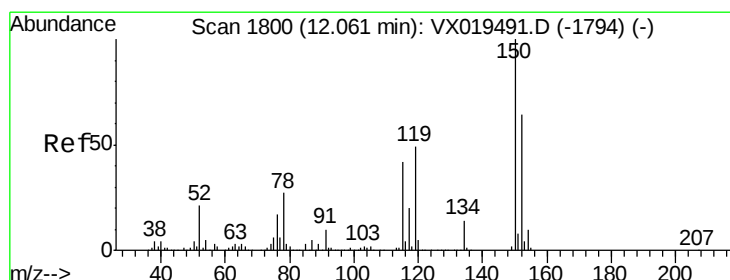
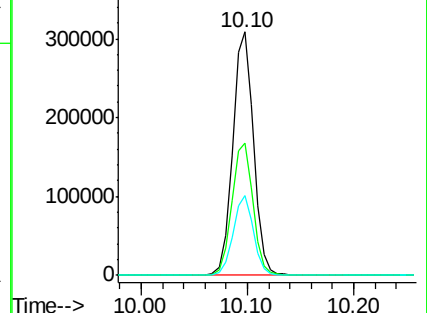
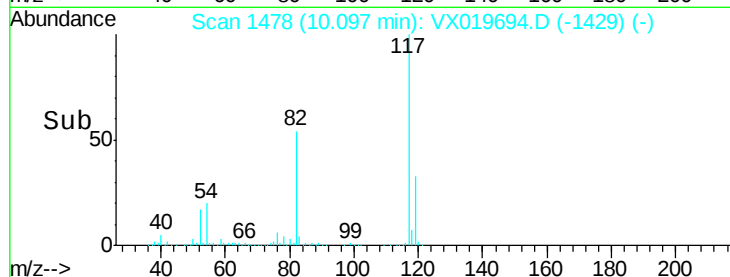
119 32.7 25.6 38.4



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: VX019694.D

Acq: 01 Dec 2020 14:47

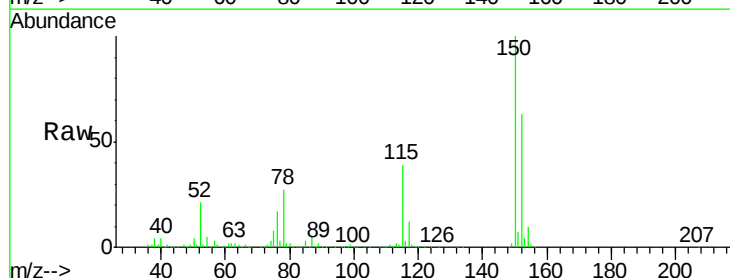
Tgt Ion:152 Resp: 155839

Ion Ratio Lower Upper

152 100

115 60.6 41.8 125.4

150 159.1 0.0 348.2



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

