

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120120\
 Data File : VX019691.D
 Acq On : 01 Dec 2020 13:37
 Operator : JC/MD
 Sample : PB133320ZHE#04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB133320ZHE#04

Quant Time: Dec 02 02:27:28 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	5.62	168	281138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	471268	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	425899	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	184747	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	180371	49.48	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.96%		
35) Dibromofluoromethane	5.46	113	143694	48.58	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.16%		
50) Toluene-d8	8.70	98	571881	49.75	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.50%		
62) 4-Bromofluorobenzene	11.12	95	198310	47.95	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.90%		

Target Compounds

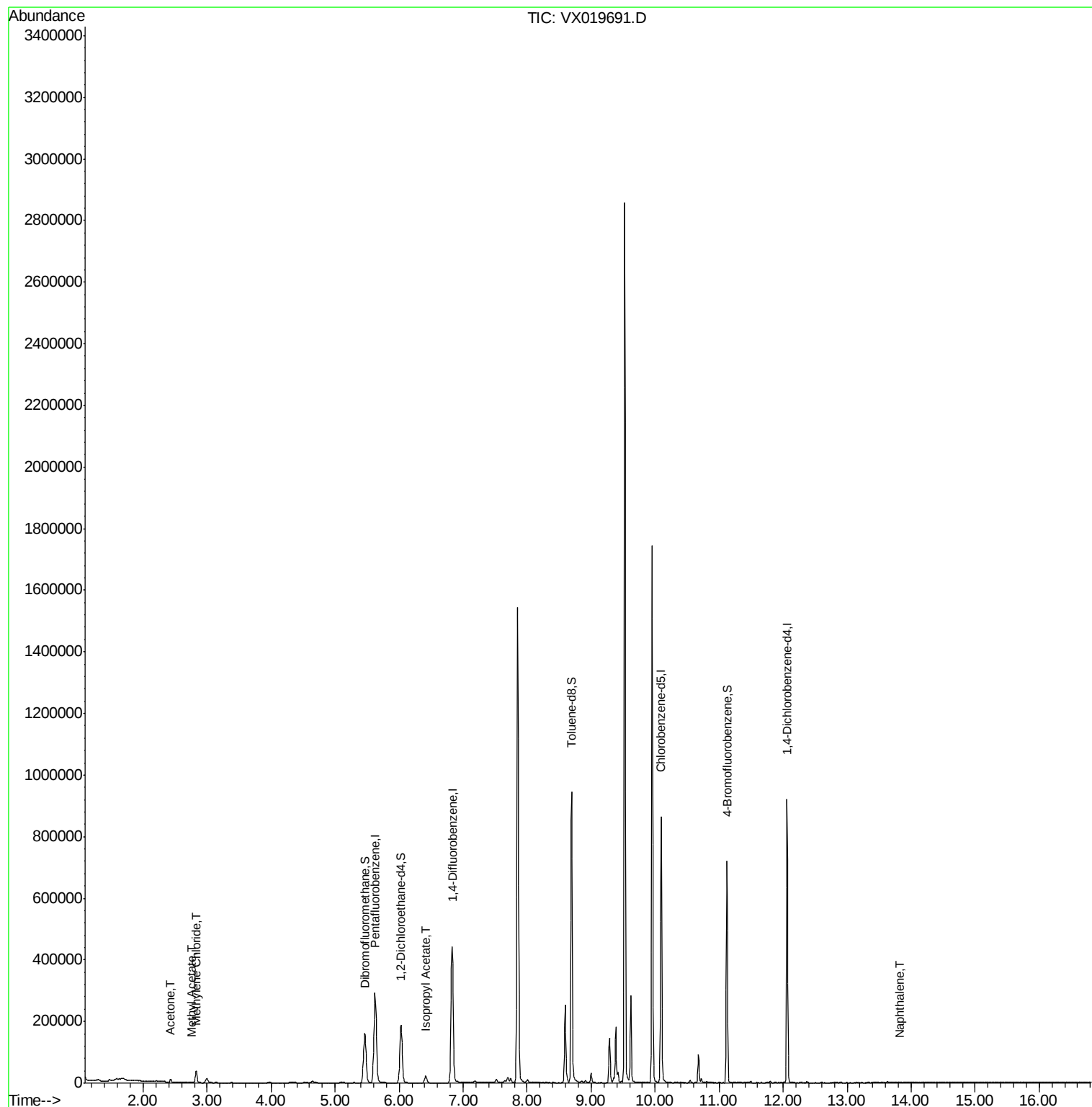
					Qvalue
16) Acetone	2.43	43	10087	7.156	ug/l 95
18) Methyl Acetate	2.76	43	2463	1.338	ug/l 92
20) Methylene Chloride	2.83	84	18685	5.303	ug/l 96
43) Isopropyl Acetate	6.42	43	28895	4.144	ug/l 99
95) Naphthalene	13.82	128	1155	2.259	ug/l # 94

(#) = 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: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019691.D

Acq: 01 Dec 2020 13:37

Instrument :

MSVOA_X

ClientSampleId :

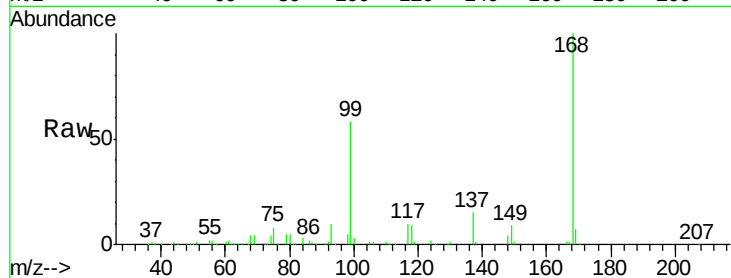
PB133320ZHE#04

Tot Ion:168 Resp: 281138

Ion Ratio Lower Upper

168 100

99 57.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

120000

100000

80000

60000

40000

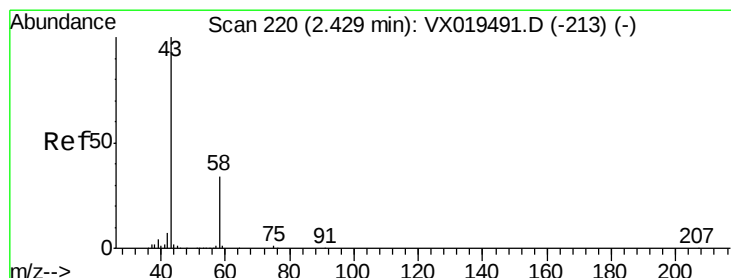
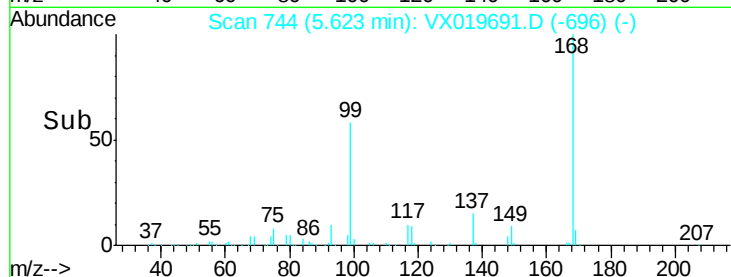
20000

0

5.62

5.50 5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 7.156 ug/l

RT: 2.43 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX019691.D

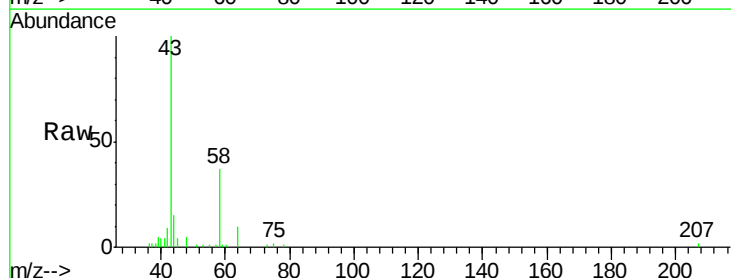
Acq: 01 Dec 2020 13:37

Tgt Ion: 43 Resp: 10087

Ion Ratio Lower Upper

43 100

58 37.2 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

6000

4000

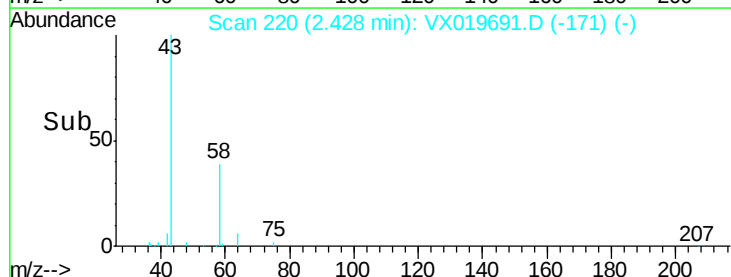
2000

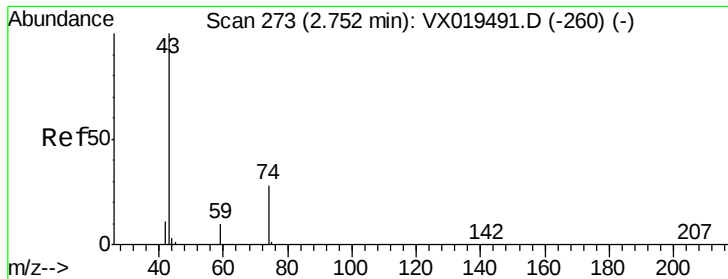
0

2.43

2.35 2.40 2.45 2.50 2.55

Time-->

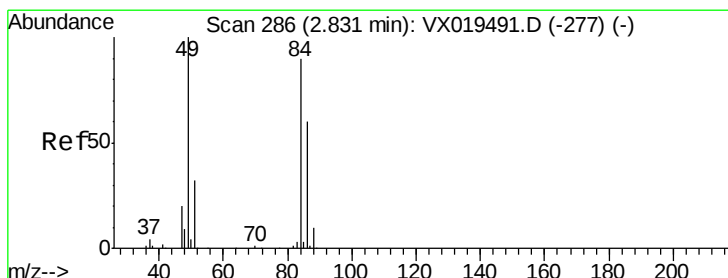
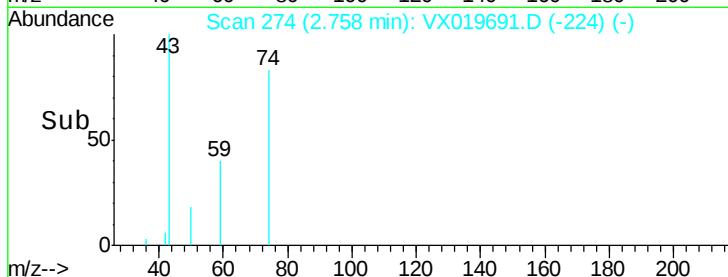
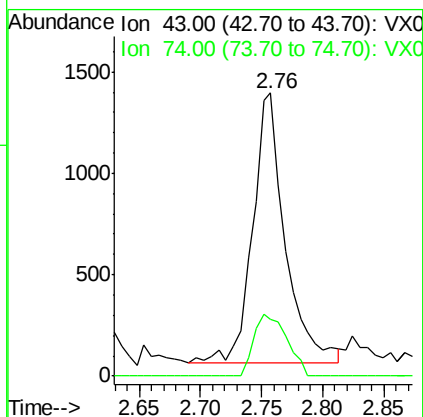
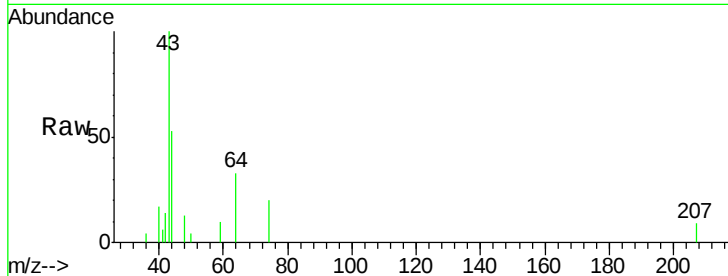




#18
Methyl Acetate
Concen: 1.338 ug/l
RT: 2.76 min Scan# 274
Delta R.T. 0.01 min
Lab File: VX019691.D
Acq: 01 Dec 2020 13:37

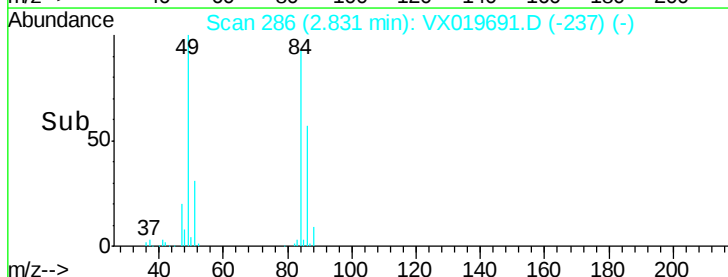
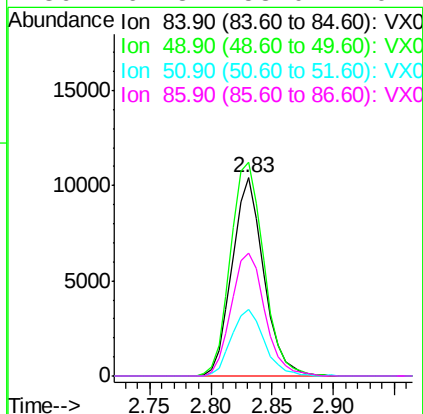
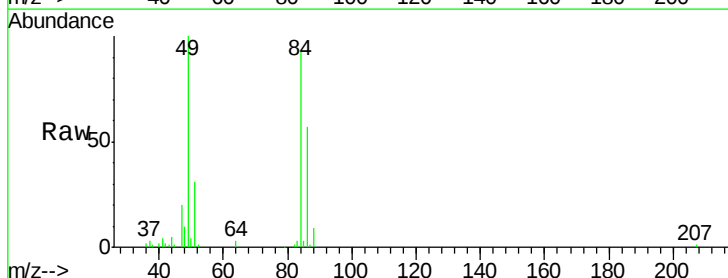
Instrument :
MSVOA_X
ClientSampleId :
PB133320ZHE#04

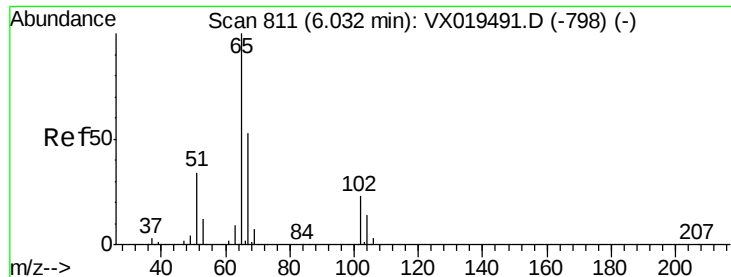
Tot Ion: 43 Resp: 2463
Ion Ratio Lower Upper
43 100
74 23.3 22.2 33.4



#20
Methylene Chloride
Concen: 5.303 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX019691.D
Acq: 01 Dec 2020 13:37

Tgt Ion: 84 Resp: 18685
Ion Ratio Lower Upper
84 100
49 107.8 88.5 132.7
51 33.6 28.0 42.0
86 61.8 53.0 79.4





#33

1,2-Dichloroethane-d4

Concen: 49.482 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019691.D

Acq: 01 Dec 2020 13:37

Instrument :

MSVOA_X

ClientSampleId :

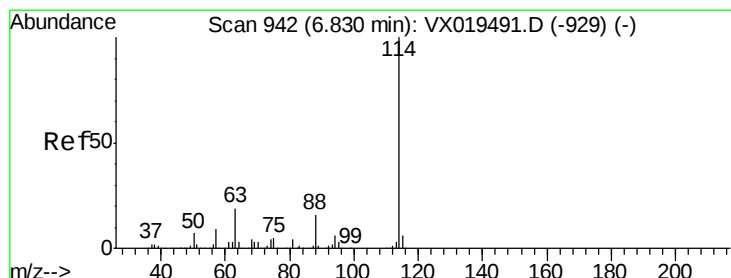
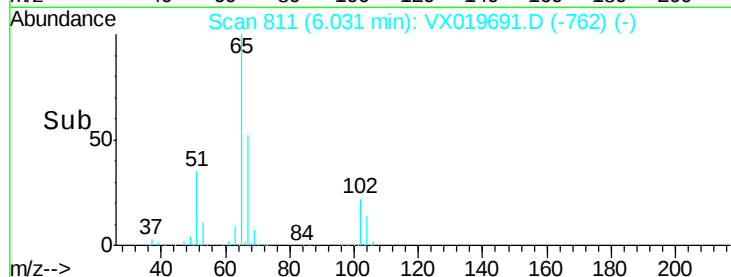
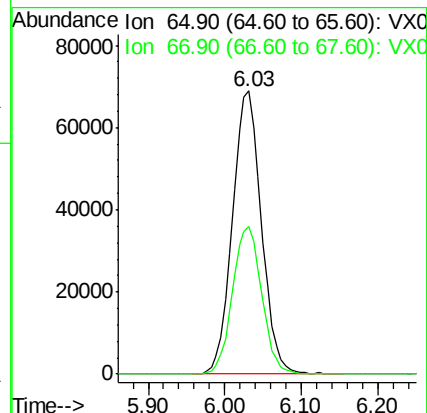
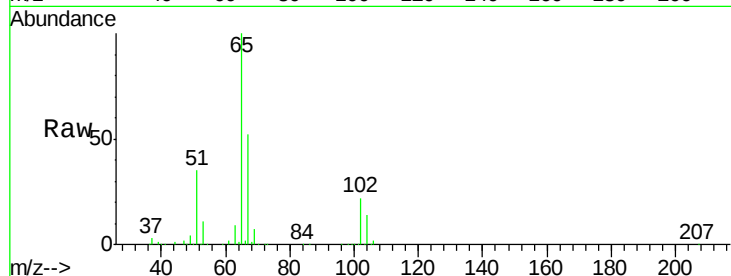
PB133320ZHE#04

Tot Ion: 65 Resp: 180371

Ion Ratio Lower Upper

65 100

67 52.5 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: VX019691.D

Acq: 01 Dec 2020 13:37

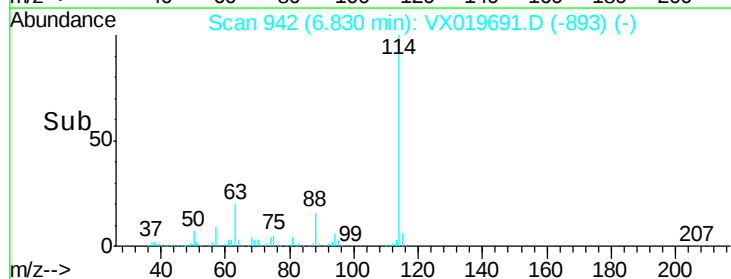
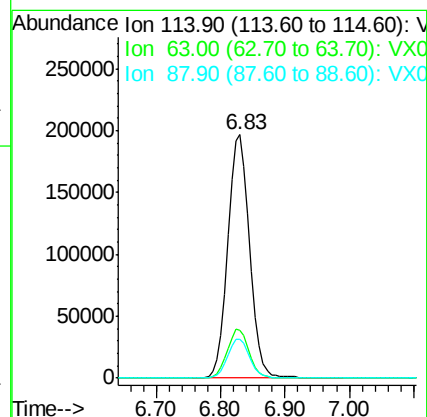
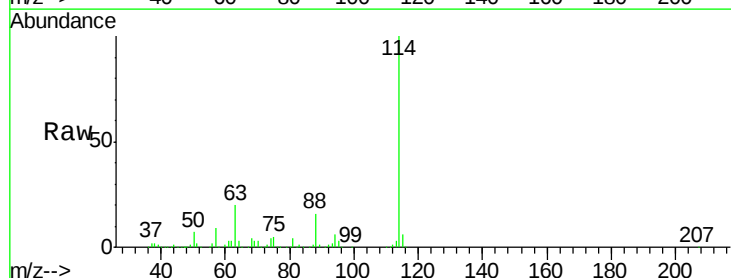
Tgt Ion: 114 Resp: 471268

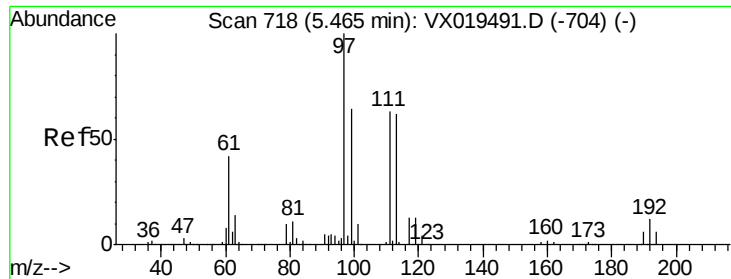
Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.8

88 16.0 0.0 31.6

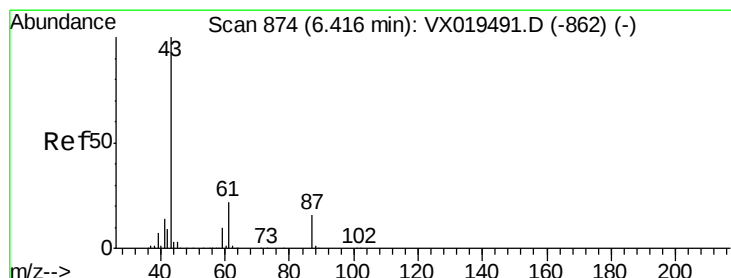
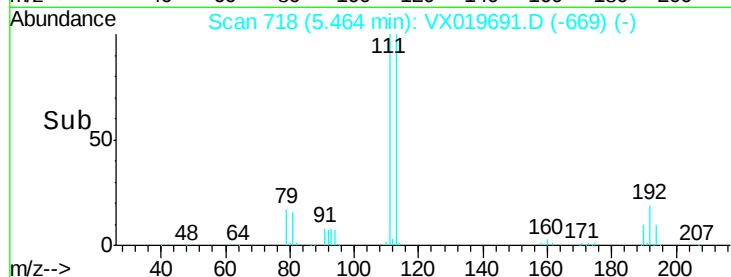
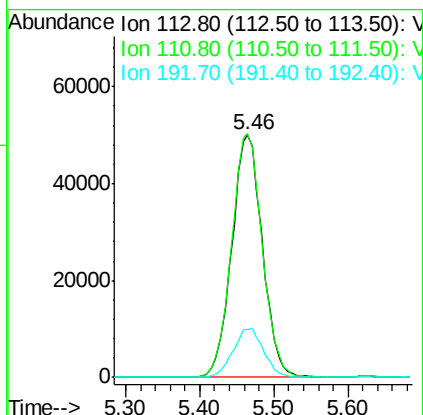
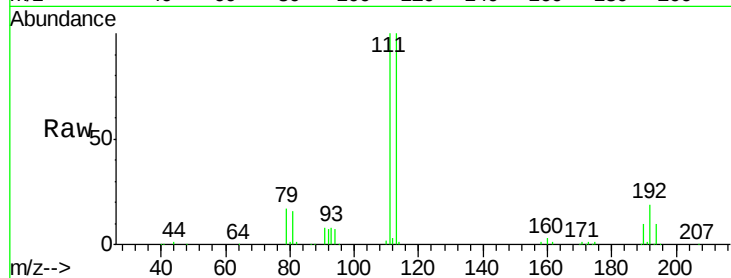




#35
 Dibromofluoromethane
 Concen: 48.576 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019691.D
 Acq: 01 Dec 2020 13:37

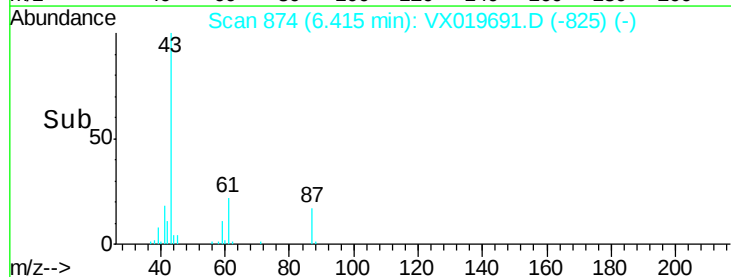
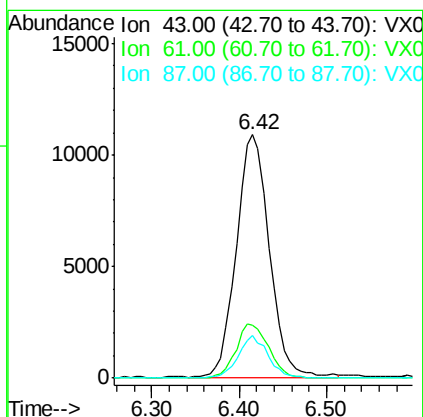
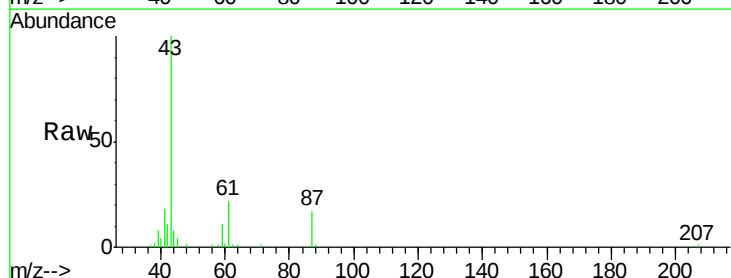
Instrument :
 MSVOA_X
 ClientSampleId :
 PB133320ZHE#04

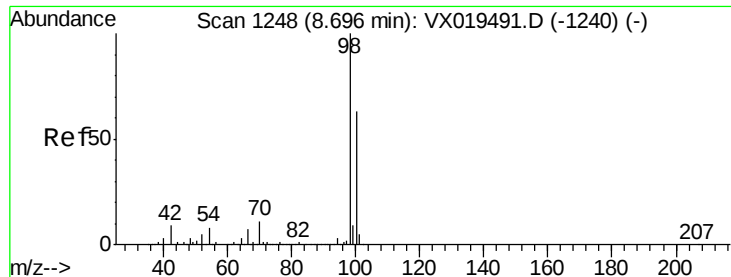
Tot Ion:113 Resp: 143694
 Ion Ratio Lower Upper
 113 100
 111 101.1 81.5 122.3
 192 20.2 16.2 24.2



#43
 Isopropyl Acetate
 Concen: 4.144 ug/l
 RT: 6.42 min Scan# 874
 Delta R.T. -0.00 min
 Lab File: VX019691.D
 Acq: 01 Dec 2020 13:37

Tgt Ion: 43 Resp: 28895
 Ion Ratio Lower Upper
 43 100
 61 21.7 18.2 27.2
 87 15.6 12.6 18.8





#50

Toluene-d8

Concen: 49.750 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019691.D

Acq: 01 Dec 2020 13:37

Instrument :

MSVOA_X

ClientSampleId :

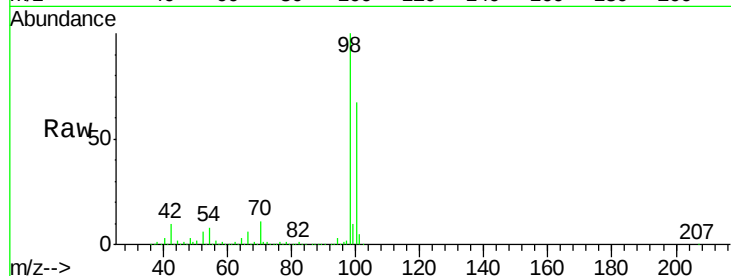
PB133320ZHE#04

Tot Ion: 98 Resp: 571881

Ion Ratio Lower Upper

98 100

100 66.2 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.70

400000

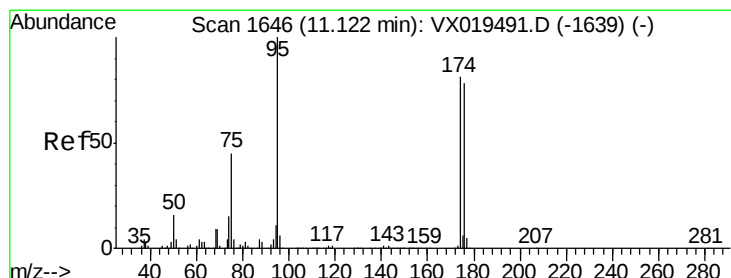
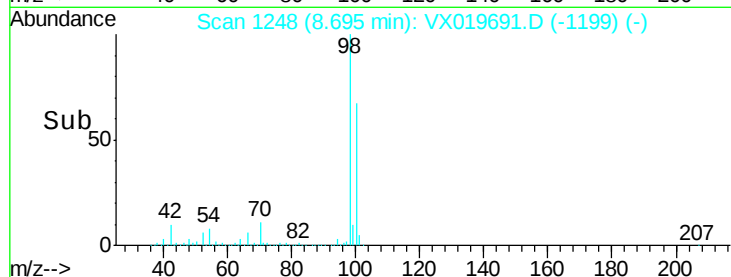
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 47.950 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019691.D

Acq: 01 Dec 2020 13:37

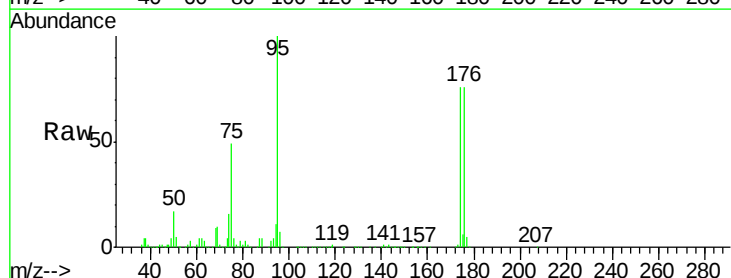
Tgt Ion: 95 Resp: 198310

Ion Ratio Lower Upper

95 100

174 76.3 0.0 156.2

176 73.9 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

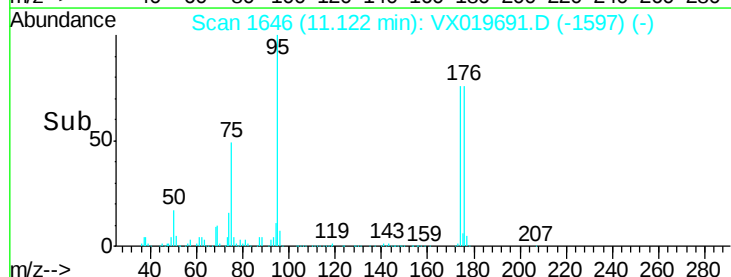
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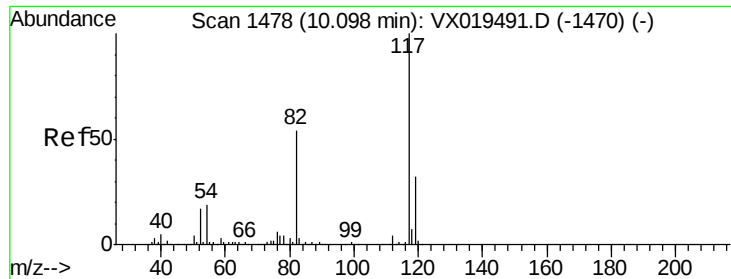
100000

50000

0

Time-->

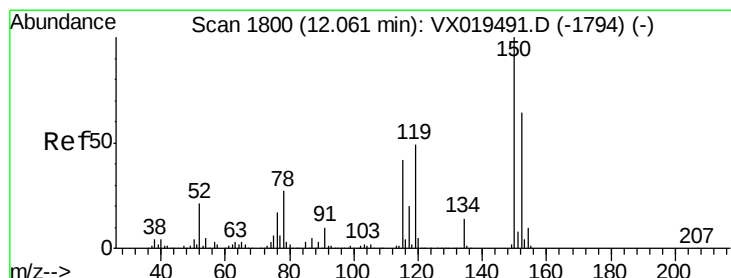
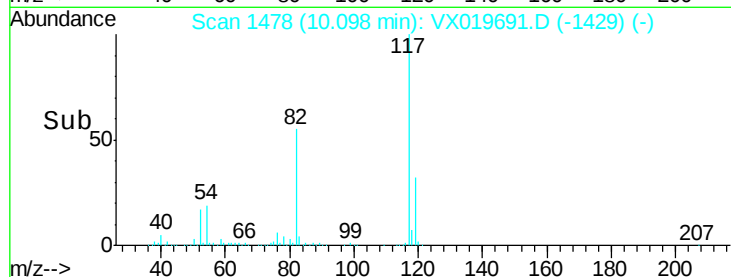
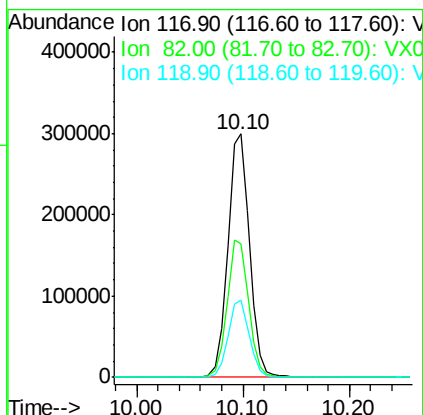
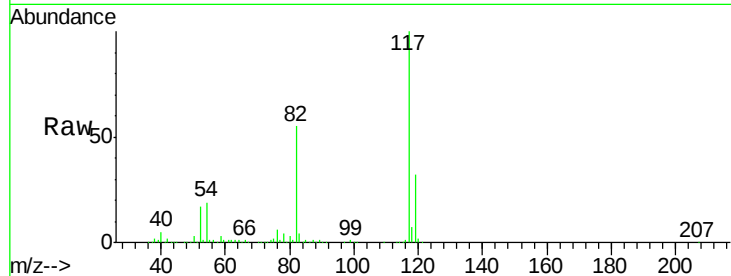




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019691.D
Acq: 01 Dec 2020 13:37

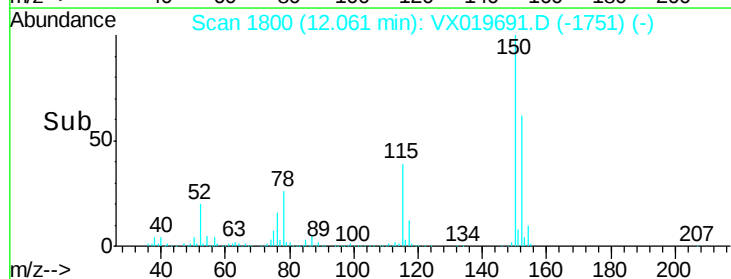
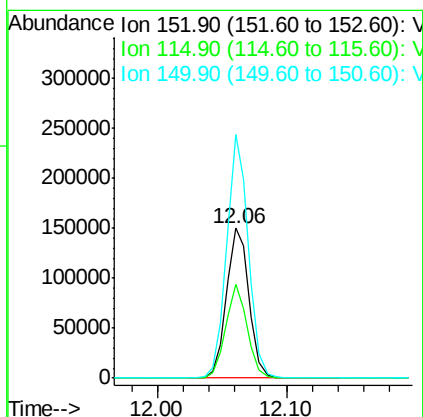
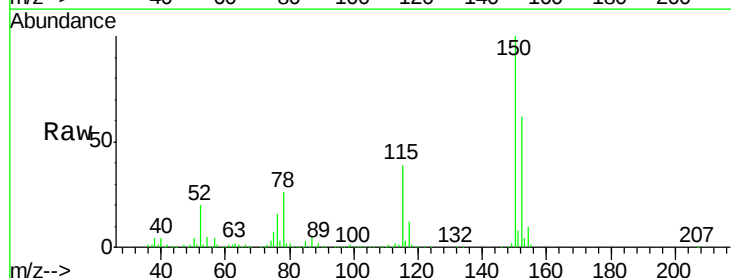
Instrument :
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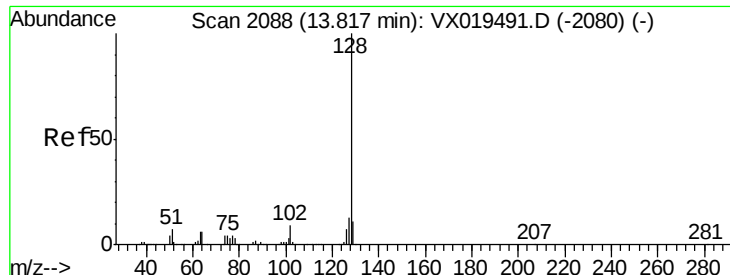
Tot Ion:117 Resp: 425899
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.4
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019691.D
Acq: 01 Dec 2020 13:37

Tgt Ion:152 Resp: 184747
Ion Ratio Lower Upper
152 100
115 59.4 41.8 125.4
150 156.4 0.0 348.2





#95

Naphthalene

Concen: 2.259 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX019691.D

Acq: 01 Dec 2020 13:37

Instrument :

MSVOA_X

ClientSampleId :

PB133320ZHE#04

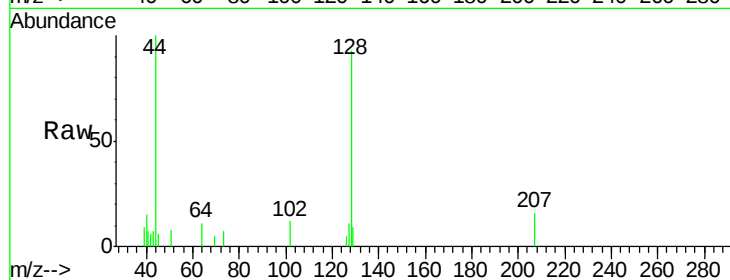
Tot Ion:128 Resp: 1155

Ion Ratio Lower Upper

128 100

127 10.8 10.3 15.5

129 8.2 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

