

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101220\
 Data File : VX018912.D
 Acq On : 12 Oct 2020 18:38
 Operator : JC/SP
 Sample : PB132255ZHE#04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB132255ZHE#04

Quant Time: Oct 13 04:59:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100920W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 10 06:09:09 2020
 Response via : Initial Calibration

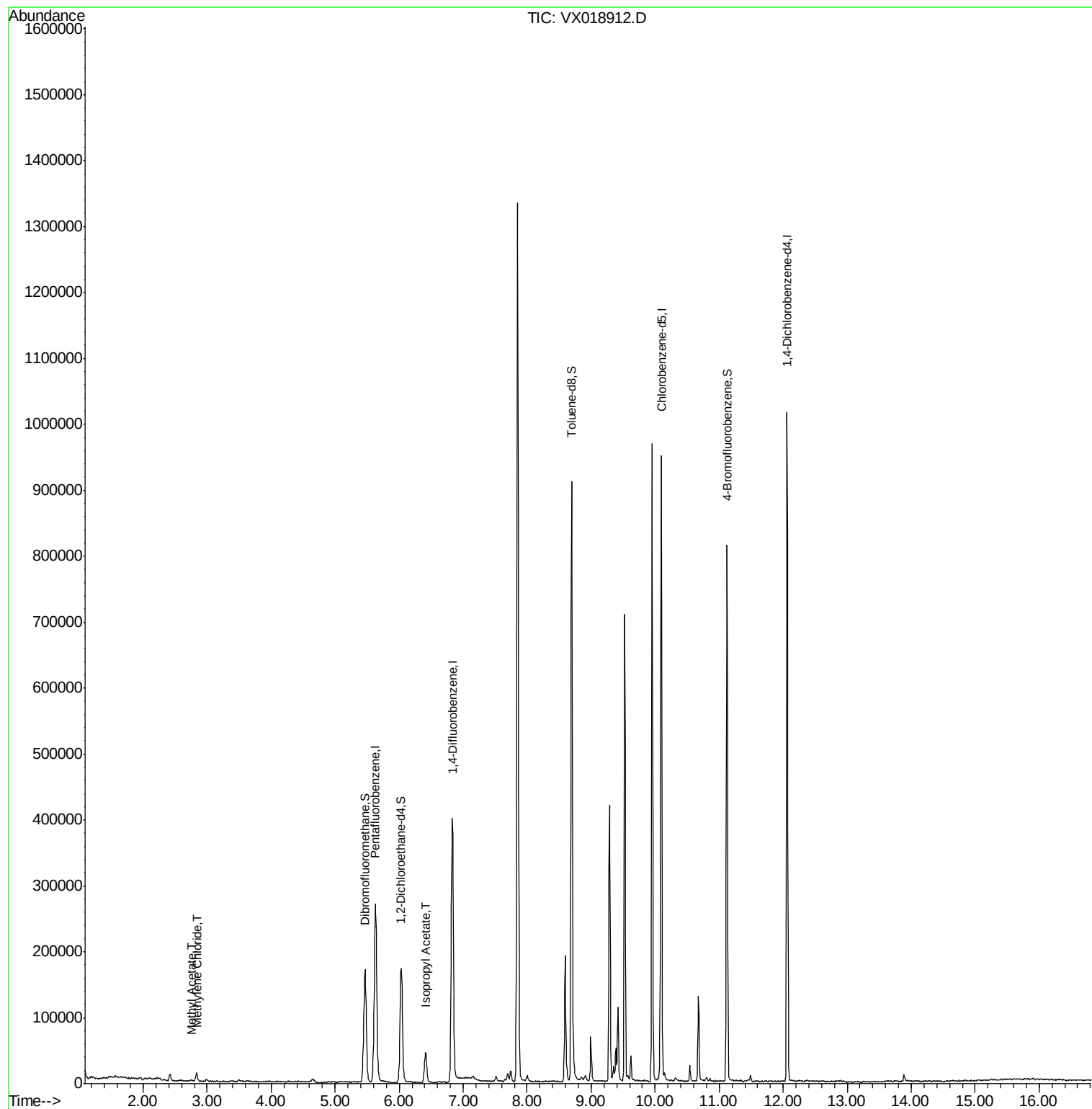
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	249268	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	388853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	430076	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	205797	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	179557	48.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.68%	
35) Dibromofluoromethane	5.46	113	146005	52.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.38%	
50) Toluene-d8	8.70	98	525443	54.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.32%	
62) 4-Bromofluorobenzene	11.12	95	199320	52.03	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.06%	
Target Compounds						
18) Methyl Acetate	2.75	43	3352	1.097	ug/l	93
20) Methylene Chloride	2.84	84	5430	2.554	ug/l #	82
43) Isopropyl Acetate	6.41	43	63176	9.628	ug/l	99

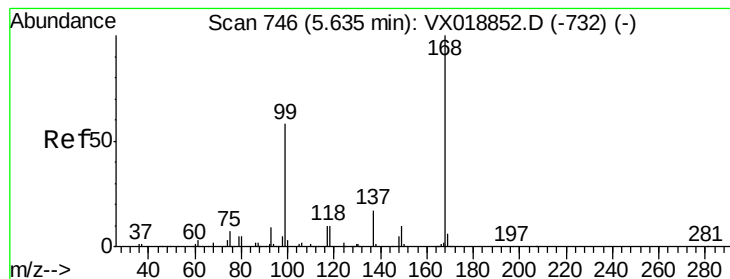
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Oct 10 06:09:09 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: VX018912.D

Acq: 12 Oct 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

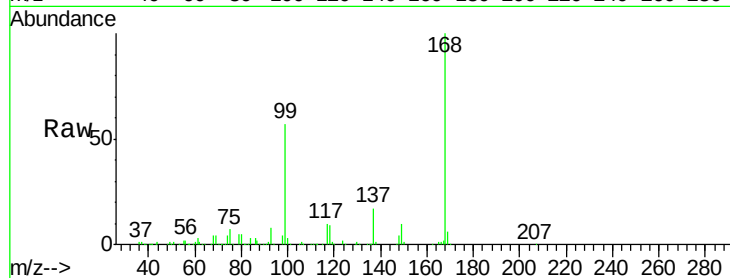
PB132255ZHE#04

Tot Ion:168 Resp: 249268

Ion Ratio Lower Upper

168 100

99 56.7 46.1 69.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

80000

60000

40000

20000

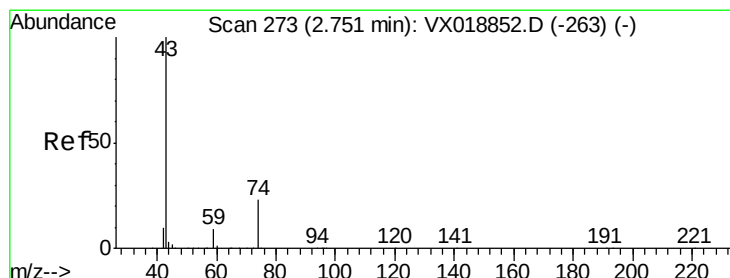
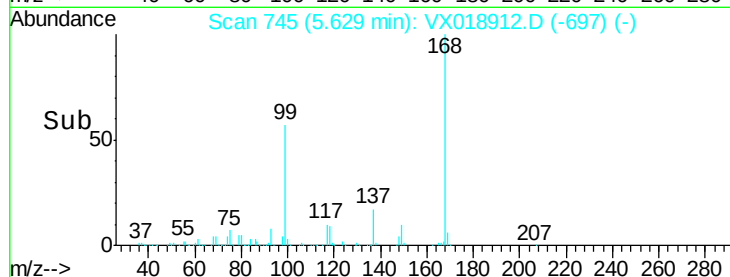
0

5.50

5.60

5.70

Time-->



#18

Methyl Acetate

Concen: 1.097 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.00 min

Lab File: VX018912.D

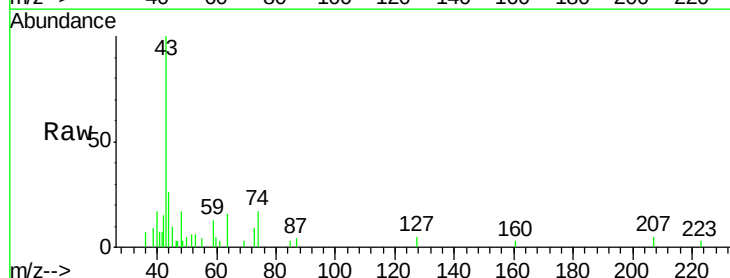
Acq: 12 Oct 2020 18:38

Tgt Ion: 43 Resp: 3352

Ion Ratio Lower Upper

43 100

74 27.1 18.9 28.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.75

2000

1500

1000

500

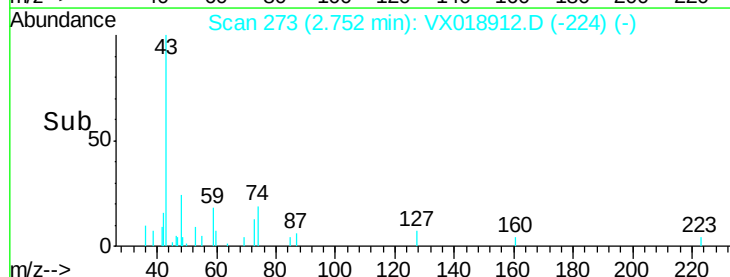
0

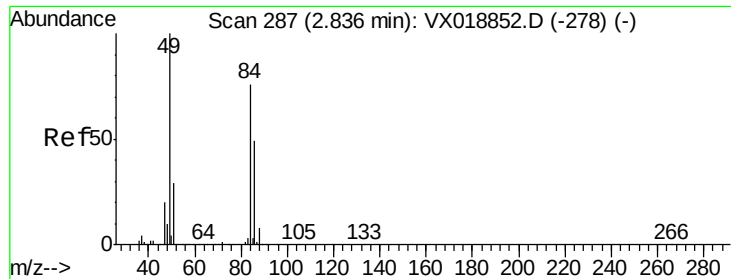
2.70

2.75

2.80

Time-->

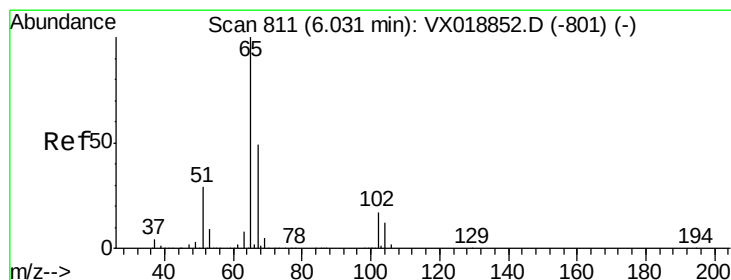
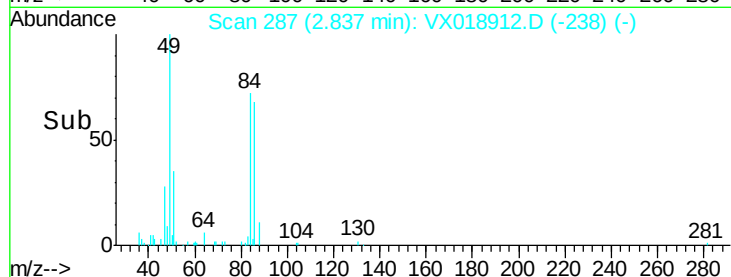
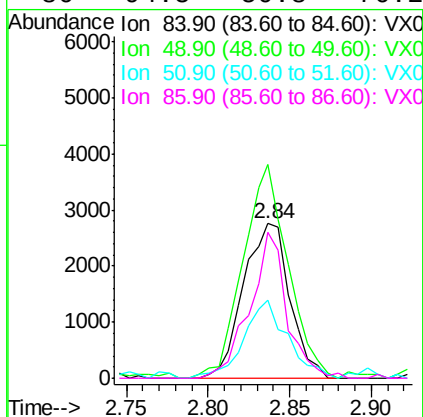
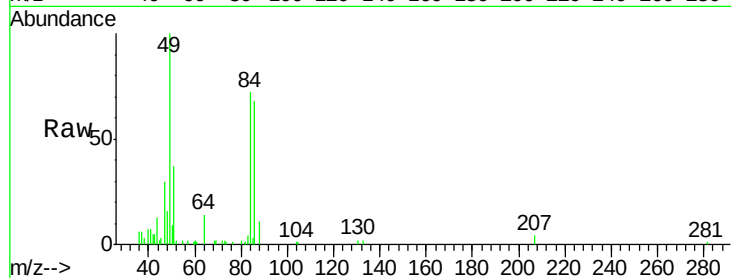




#20
Methylene Chloride
Concen: 2.554 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX018912.D
Acq: 12 Oct 2020 18:38

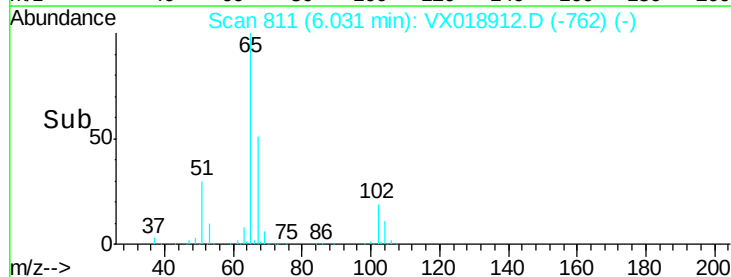
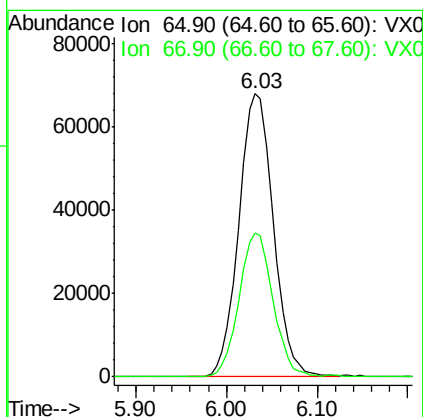
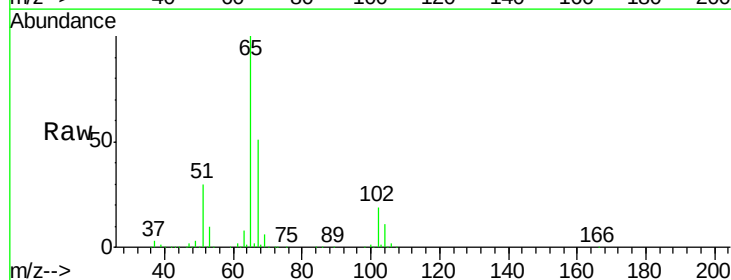
Instrument :
MSVOA_X
ClientSampleId :
PB132255ZHE#04

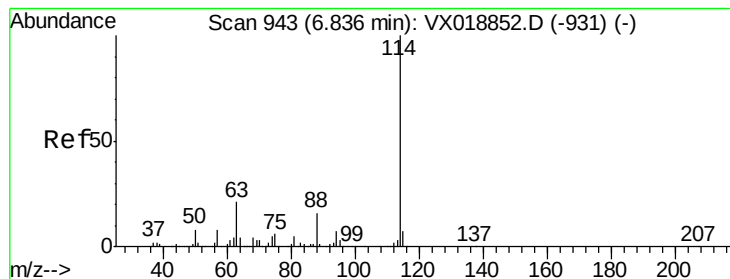
Tot Ion: 84 Resp: 5430
Ion Ratio Lower Upper
84 100
49 138.3 104.8 157.2
51 50.9 30.6 46.0#
86 94.5 50.8 76.2#



#33
1,2-Dichloroethane-d4
Concen: 48.840 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX018912.D
Acq: 12 Oct 2020 18:38

Tgt Ion: 65 Resp: 179557
Ion Ratio Lower Upper
65 100
67 49.9 0.0 97.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.01 min

Lab File: VX018912.D

Acq: 12 Oct 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

PB132255ZHE#04

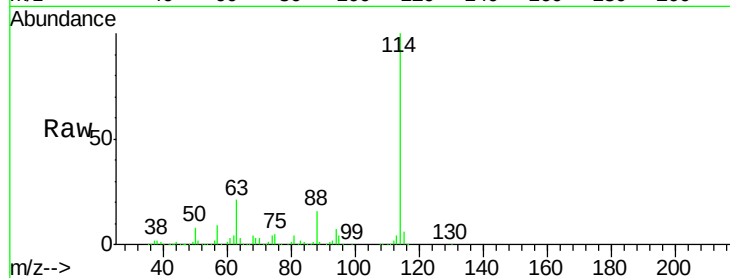
Tot Ion:114 Resp: 388853

Ion Ratio Lower Upper

114 100

63 21.1 0.0 42.4

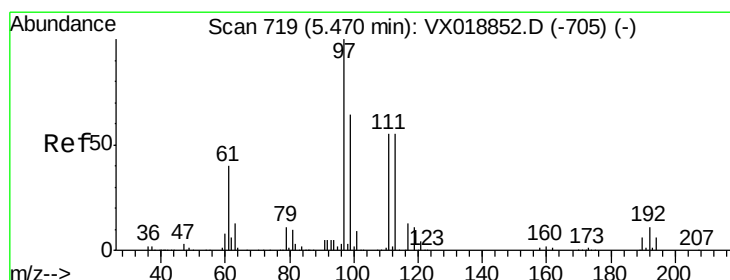
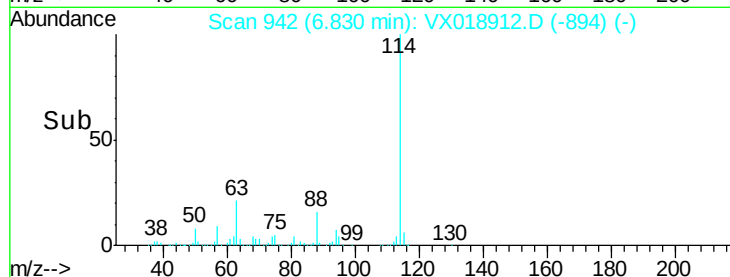
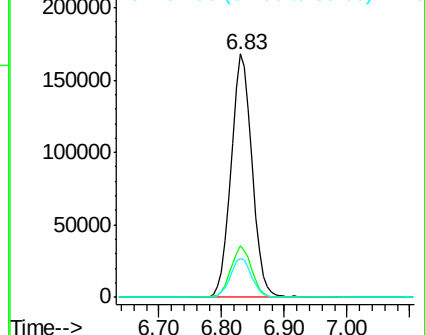
88 15.7 0.0 32.6



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: 52.686 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX018912.D

Acq: 12 Oct 2020 18:38

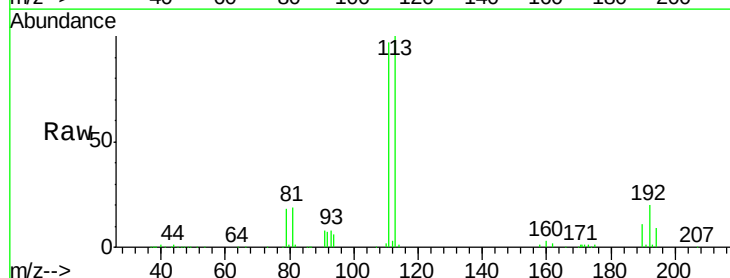
Tgt Ion:113 Resp: 146005

Ion Ratio Lower Upper

113 100

111 102.0 80.1 120.1

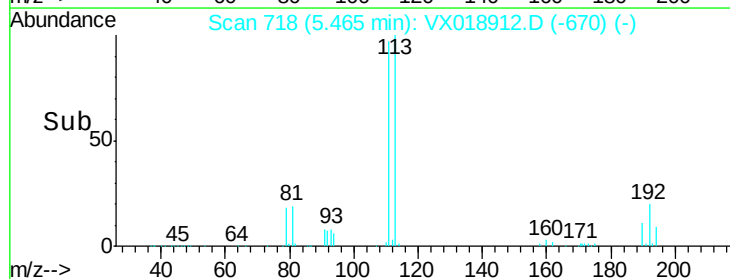
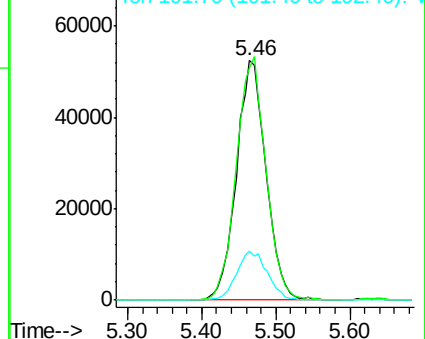
192 21.4 16.0 24.0

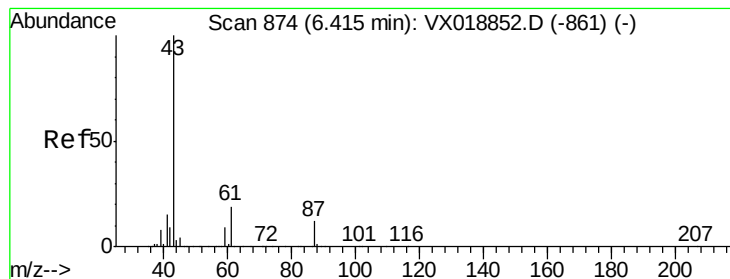


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 9.628 ug/l

RT: 6.41 min Scan# 873

Delta R.T. -0.01 min

Lab File: VX018912.D

Acq: 12 Oct 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

PB132255ZHE#04

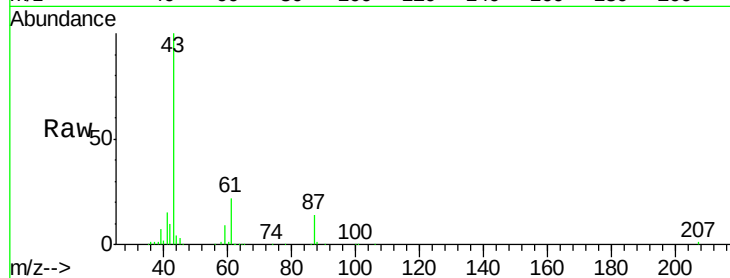
Tot Ion: 43 Resp: 63176

Ion Ratio Lower Upper

43 100

61 20.1 15.5 23.3

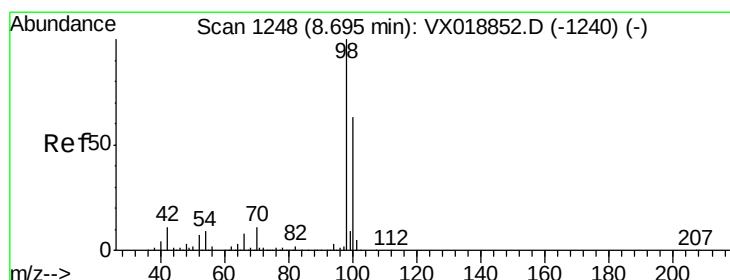
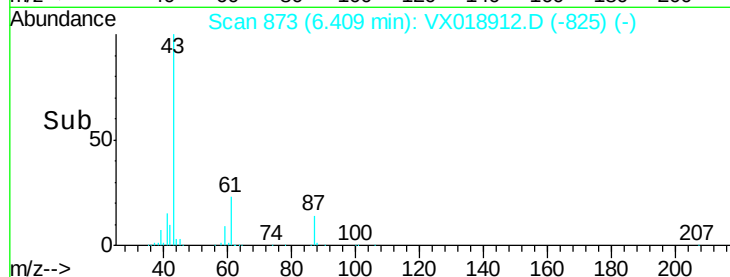
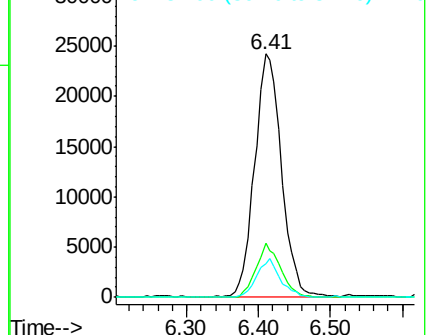
87 14.0 10.8 16.2



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: 54.662 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX018912.D

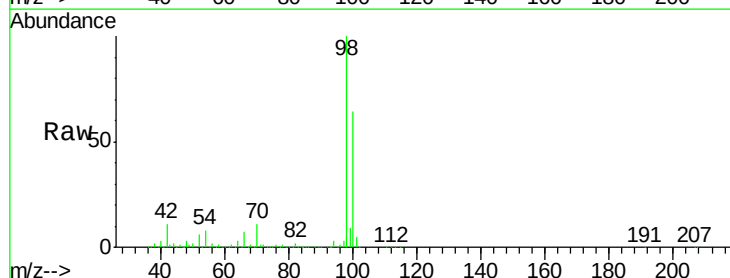
Acq: 12 Oct 2020 18:38

Tgt Ion: 98 Resp: 525443

Ion Ratio Lower Upper

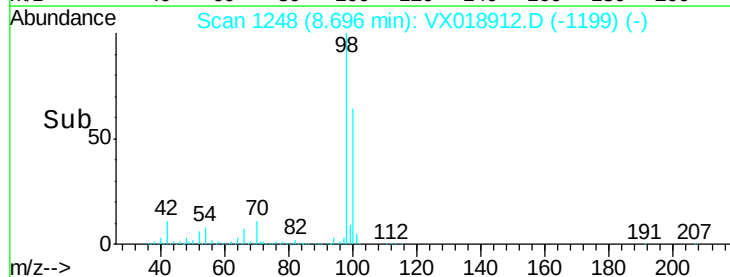
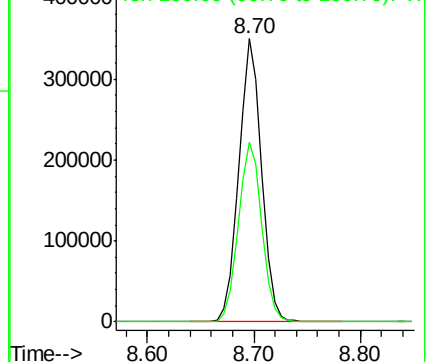
98 100

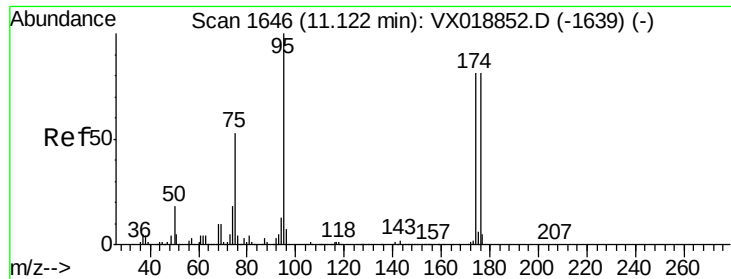
100 65.2 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 52.026 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX018912.D

Acq: 12 Oct 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

PB132255ZHE#04

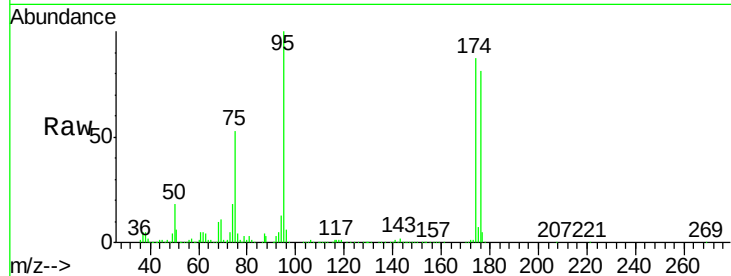
Tot Ion: 95 Resp: 199320

Ion Ratio Lower Upper

95 100

174 86.6 0.0 160.0

176 81.5 0.0 161.2

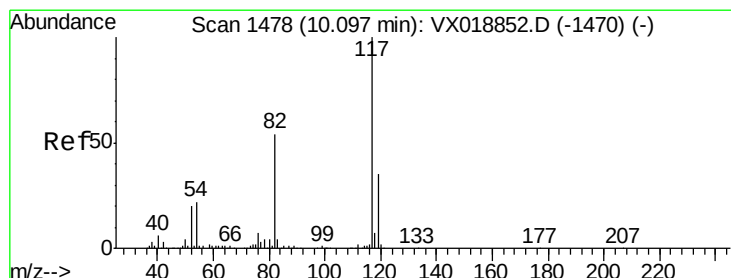
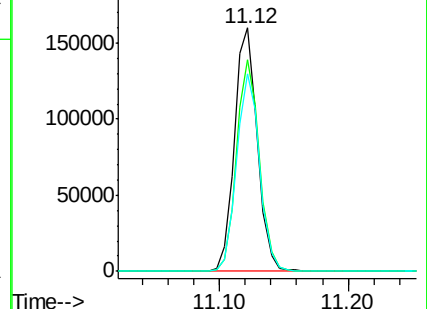
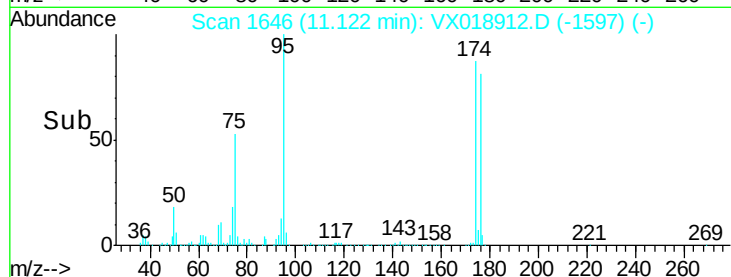


Abundance Ion 94.90 (94.60 to 95.60): VX018852.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX018852.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX018852.D (-1639) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX018912.D

Acq: 12 Oct 2020 18:38

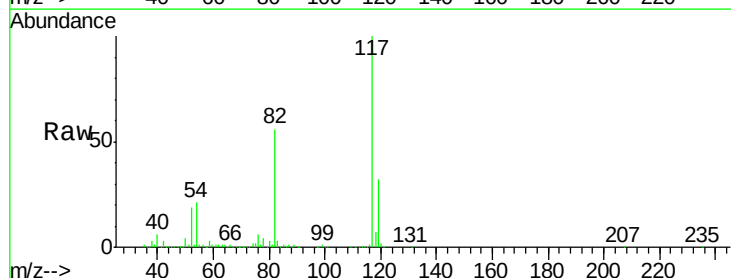
Tgt Ion: 117 Resp: 430076

Ion Ratio Lower Upper

117 100

82 56.0 43.4 65.2

119 31.7 28.3 42.5

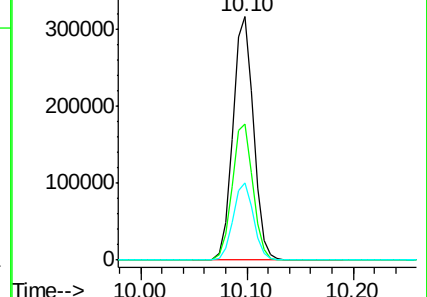
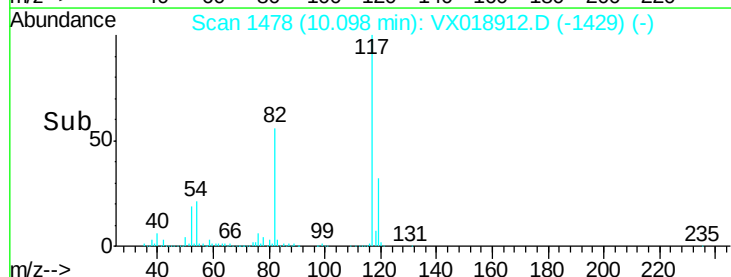


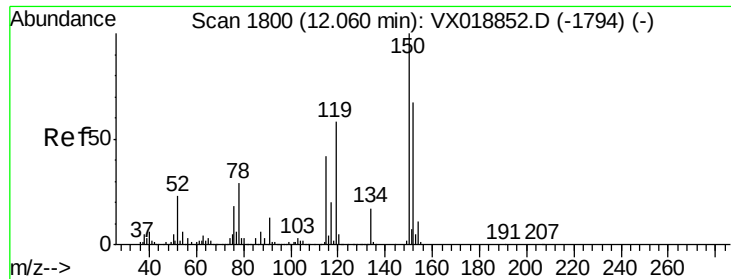
Abundance Ion 116.90 (116.60 to 117.60): VX018852.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX018852.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX018852.D (-1470) (-)

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX018912.D

Acq: 12 Oct 2020 18:38

Instrument :

MSVOA_X

ClientSampleId :

PB132255ZHE#04

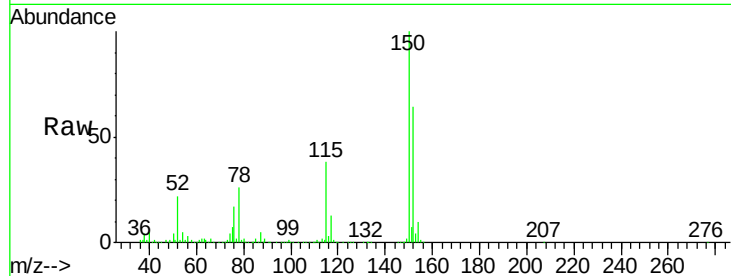
Tot Ion:152 Resp: 205797

Ion Ratio Lower Upper

152 100

115 58.0 41.8 125.4

150 156.9 0.0 347.6



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

