

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121020\
 Data File : VX019846.D
 Acq On : 11 Dec 2020 00:24
 Operator : JC/MD
 Sample : L4983-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TR1-A-BOTTOM

Quant Time: Dec 11 03:12:06 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	323809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	542014	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	506993	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	220521	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	206273	48.47	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	96.94%	
35) Dibromofluoromethane	5.46	113	166105	47.42	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	94.84%	
50) Toluene-d8	8.70	98	670311	50.12	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	100.24%	
62) 4-Bromofluorobenzene	11.12	95	233676	45.91	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	91.82%	

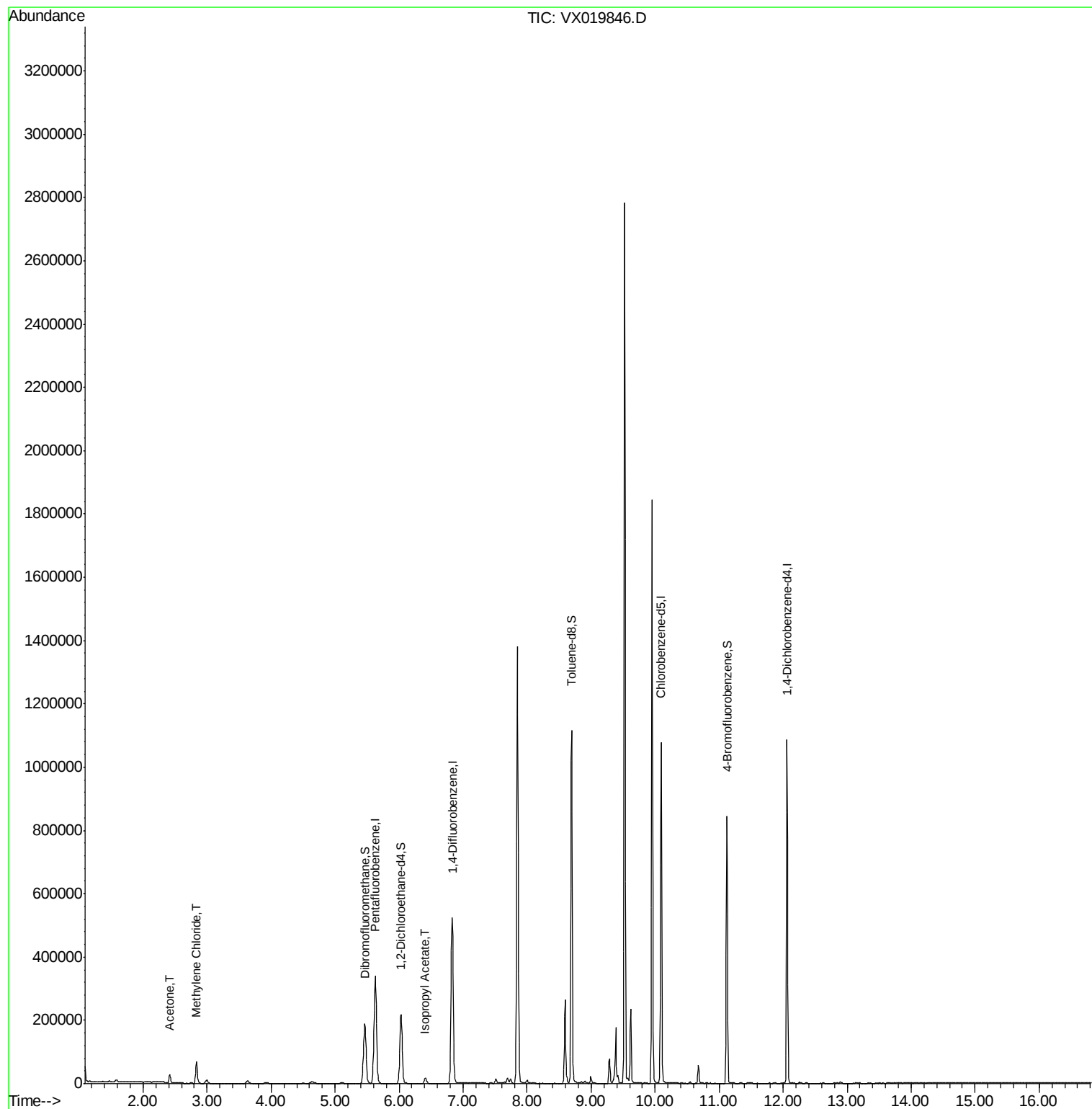
Target Compounds					Qvalue
16) Acetone	2.42	43	27049	16.909 ug/l	98
20) Methylene Chloride	2.83	84	33024	7.844 ug/l	99
43) Isopropyl Acetate	6.40	43	23082	2.871 ug/l	99

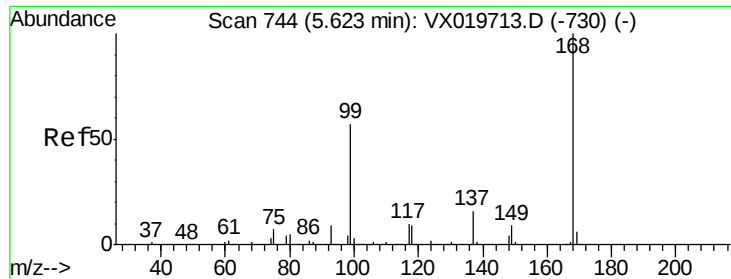
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019846.D

Acq: 11 Dec 2020 00:24

Instrument :

MSVOA_X

ClientSampleId :

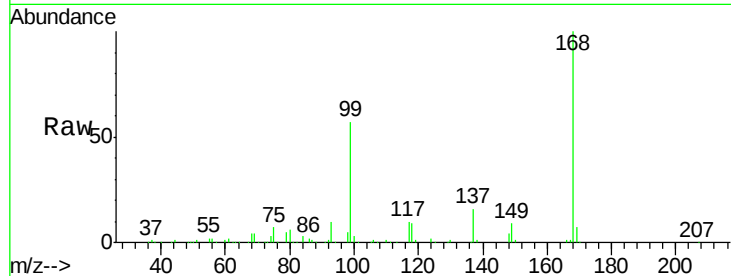
TR1-A-BOTTOM

Tot Ion:168 Resp: 323809

Ion Ratio Lower Upper

168 100

99 57.1 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

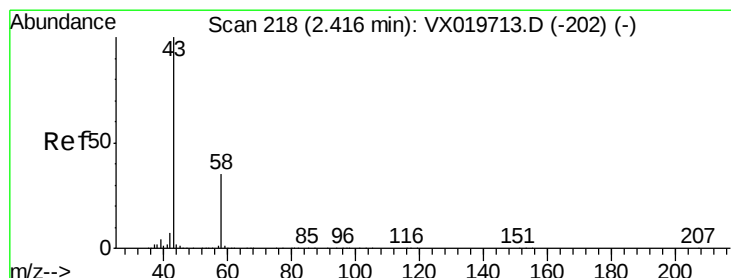
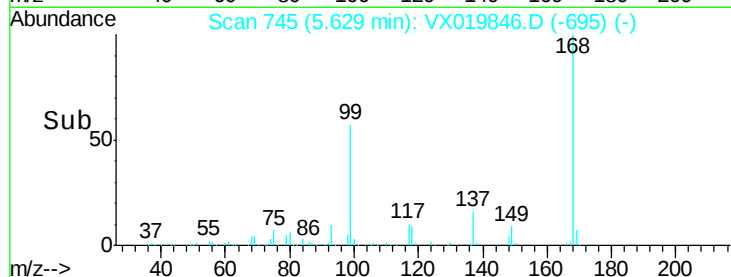
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 16.909 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019846.D

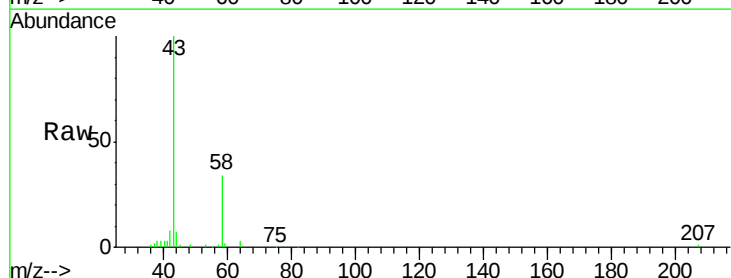
Acq: 11 Dec 2020 00:24

Tgt Ion: 43 Resp: 27049

Ion Ratio Lower Upper

43 100

58 33.7 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

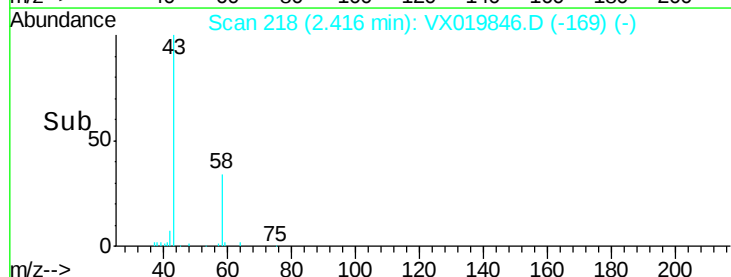
10000

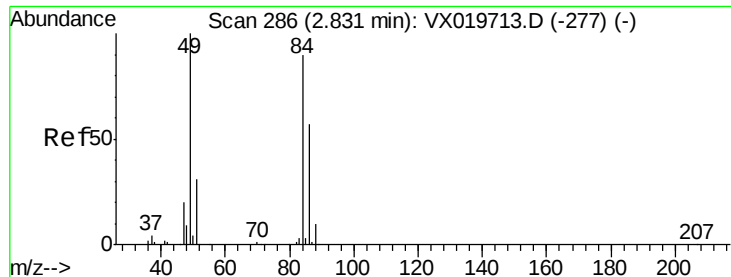
5000

0

Time-->

2.35 2.40 2.45 2.50

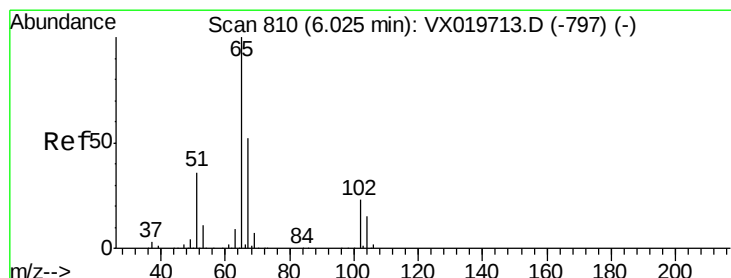
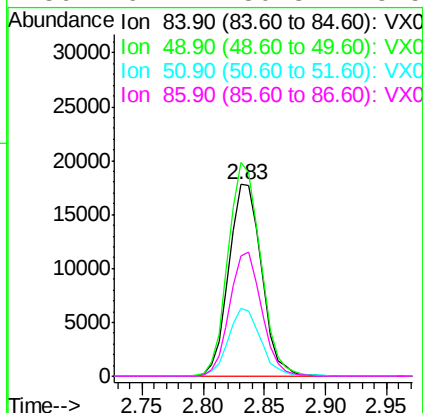
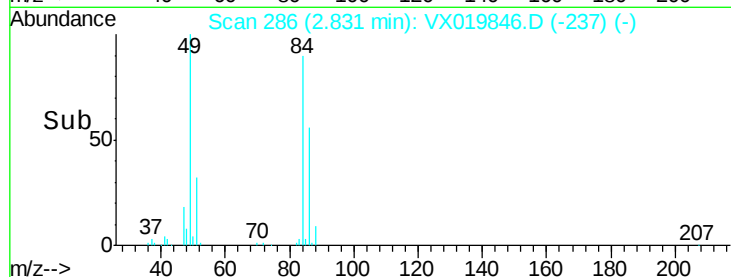
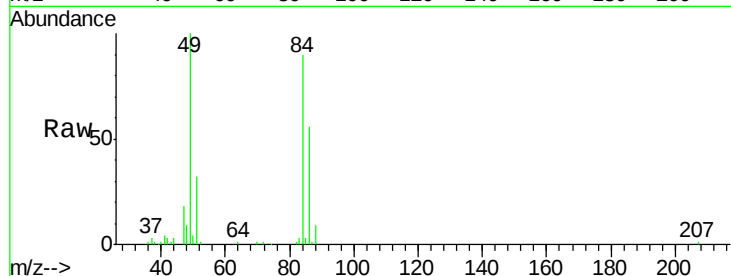




#20
Methvlene Chloride
Concen: 7.844 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019846.D
Acq: 11 Dec 2020 00:24

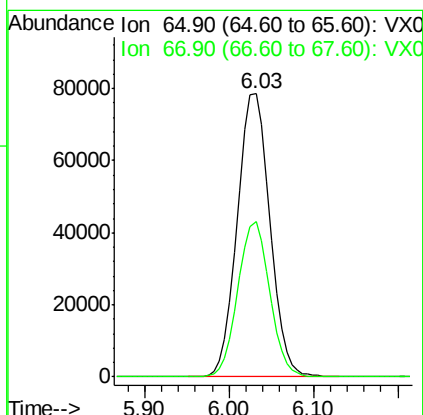
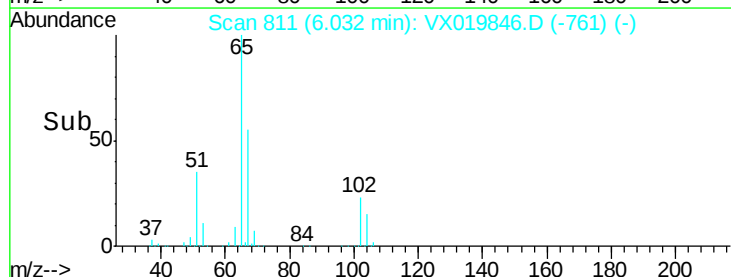
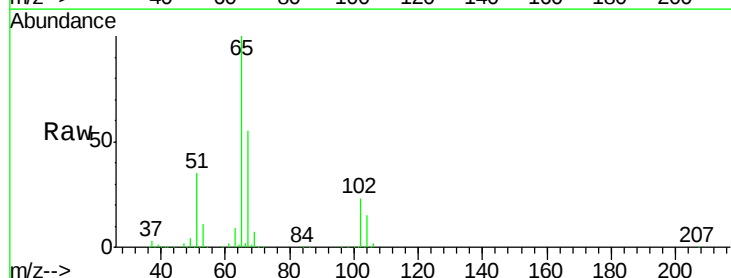
Instrument :
MSVOA_X
ClientSampleId :
TR1-A-BOTTOM

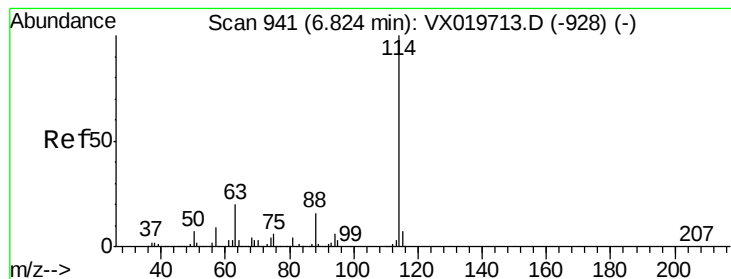
Tot Ion: 84 Resp: 33024
Ion Ratio Lower Upper
84 100
49 111.4 88.6 132.8
51 35.3 27.0 40.6
86 62.7 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 48.469 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX019846.D
Acq: 11 Dec 2020 00:24

Tgt Ion: 65 Resp: 206273
Ion Ratio Lower Upper
65 100
67 53.5 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: VX019846.D

Acq: 11 Dec 2020 00:24

Instrument :

MSVOA_X

ClientSampleId :

TR1-A-BOTTOM

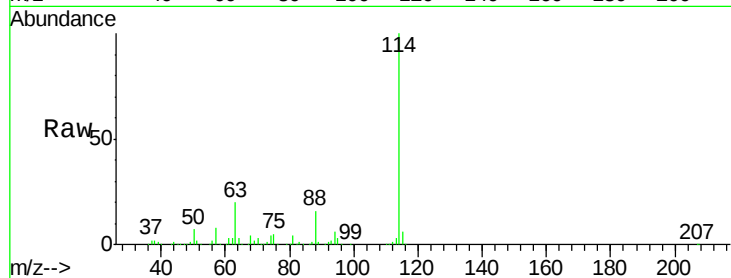
Tot Ion:114 Resp: 542014

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

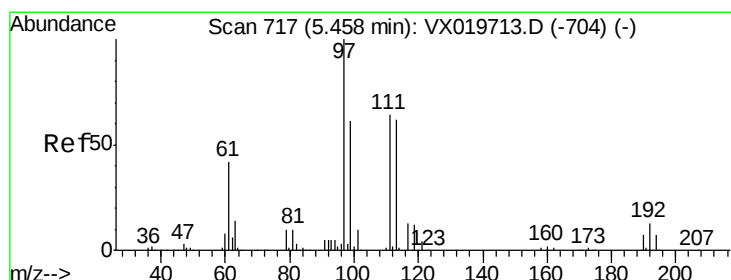
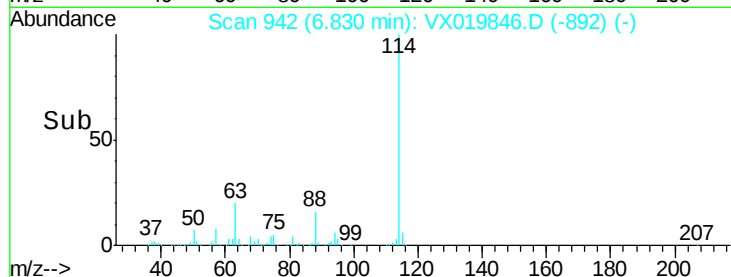
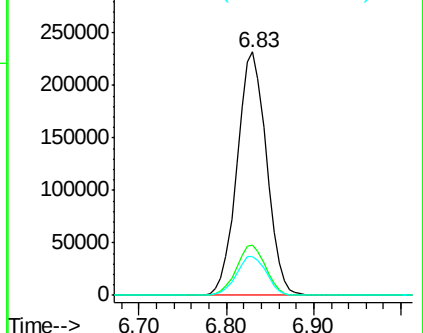
88 16.2 0.0 32.8



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: 47.419 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019846.D

Acq: 11 Dec 2020 00:24

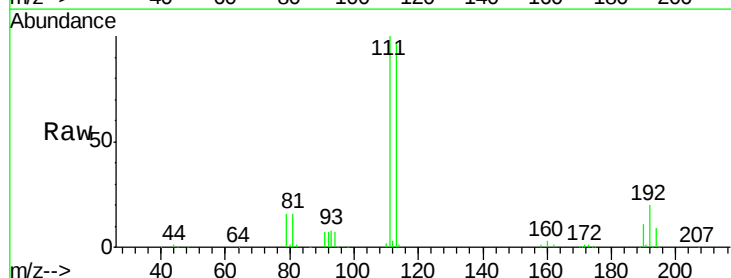
Tgt Ion:113 Resp: 166105

Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

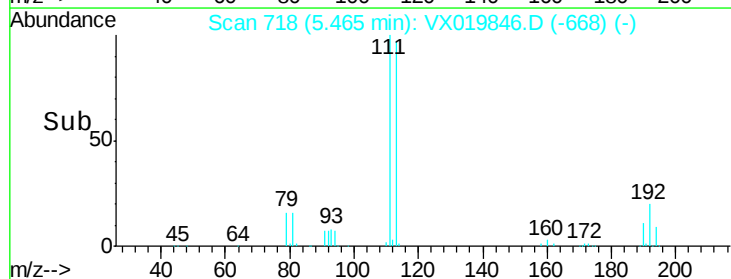
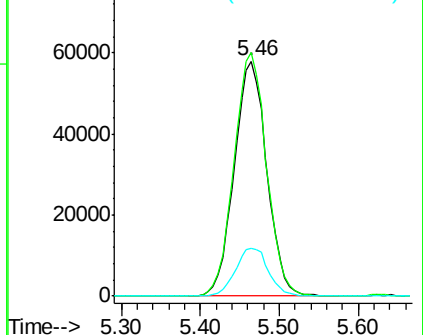
192 20.7 16.7 25.1

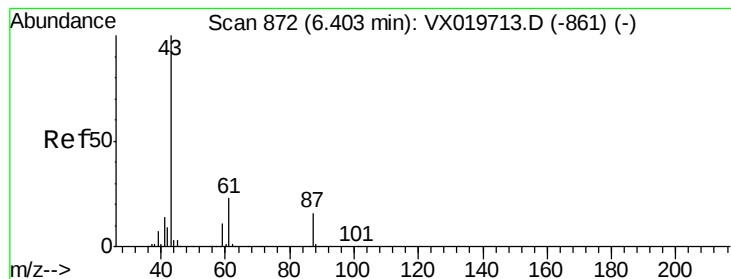


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.871 ug/l

RT: 6.40 min Scan# 872

Delta R.T. 0.00 min

Lab File: VX019846.D

Acq: 11 Dec 2020 00:24

Instrument :

MSVOA_X

ClientSampleId :

TR1-A-BOTTOM

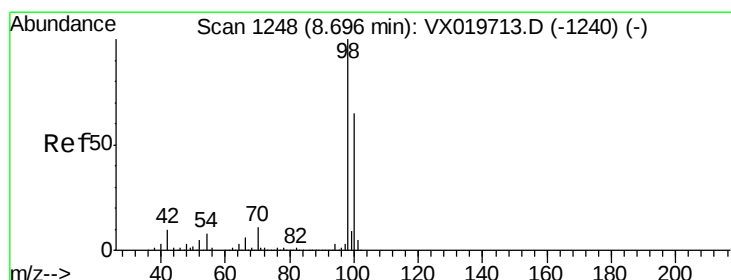
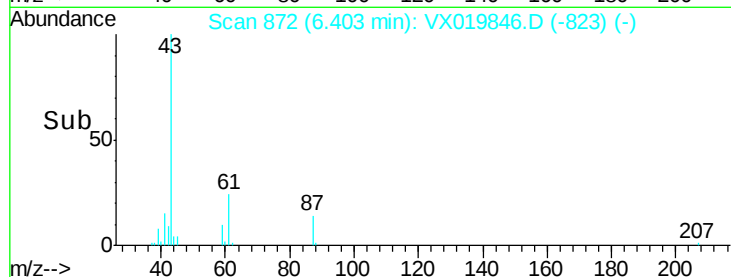
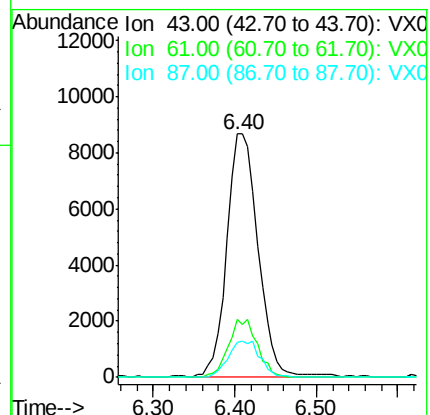
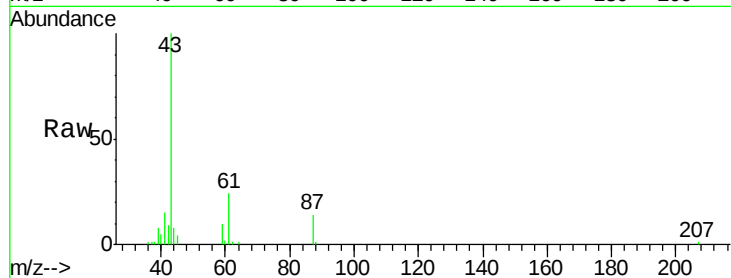
Tot Ion: 43 Resp: 23082

Ion Ratio Lower Upper

43 100

61 22.1 18.2 27.4

87 15.1 12.5 18.7



#50

Toluene-d8

Concen: 50.123 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019846.D

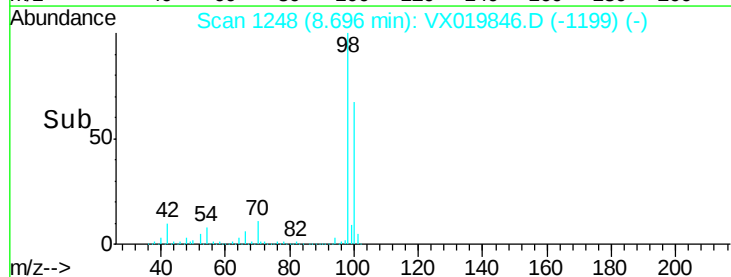
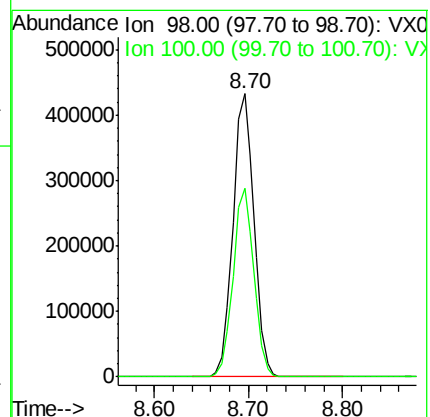
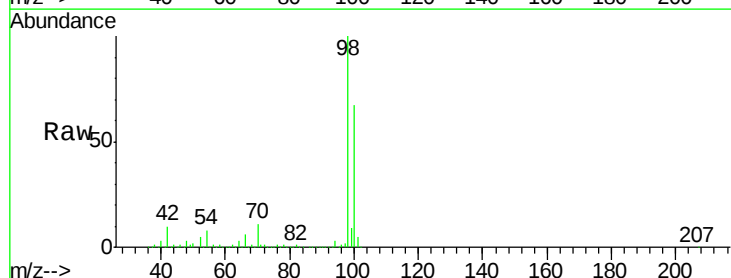
Acq: 11 Dec 2020 00:24

Tgt Ion: 98 Resp: 670311

Ion Ratio Lower Upper

98 100

100 65.7 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 45.908 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019846.D

Acq: 11 Dec 2020 00:24

Instrument :

MSVOA_X

ClientSampleId :

TR1-A-BOTTOM

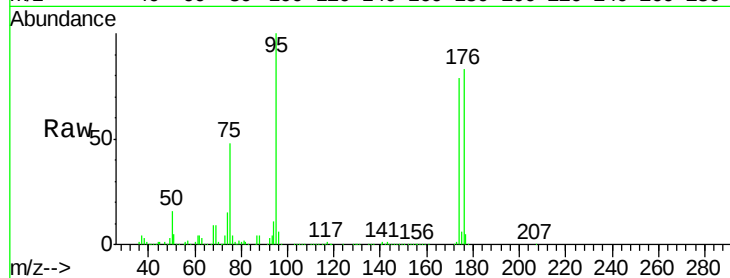
Tot Ion: 95 Resp: 233676

Ion Ratio Lower Upper

95 100

174 78.8 0.0 154.6

176 75.5 0.0 155.8



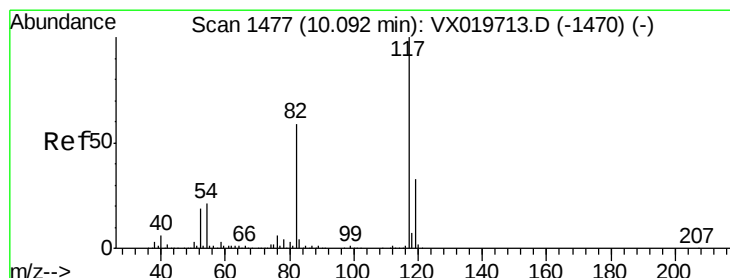
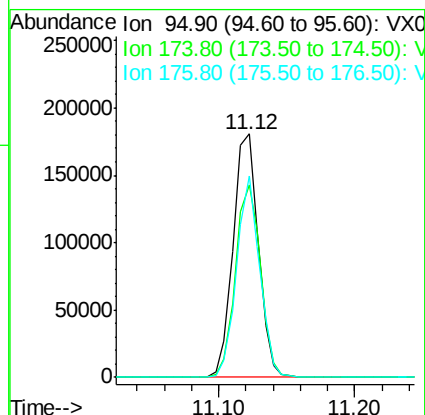
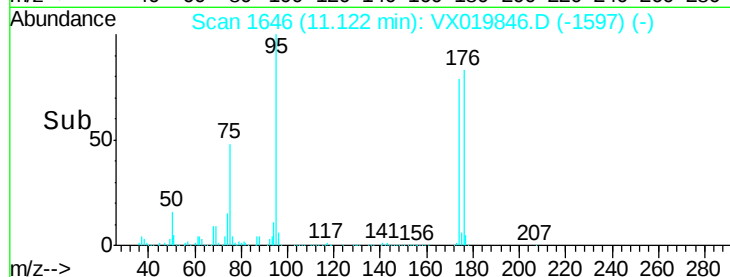
Abundance Ion 94.90 (94.60 to 95.60): VX019713.D (-1638) (-)

Ion 173.80 (173.50 to 174.50): VX019713.D (-1638) (-)

Ion 175.80 (175.50 to 176.50): VX019713.D (-1638) (-)

11.12

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.01 min

Lab File: VX019846.D

Acq: 11 Dec 2020 00:24

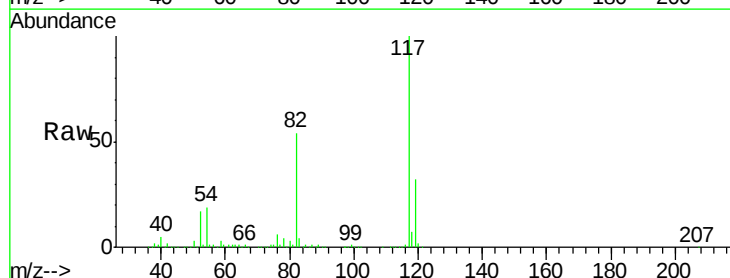
Tgt Ion: 117 Resp: 506993

Ion Ratio Lower Upper

117 100

82 54.1 47.4 71.2

119 31.8 26.6 39.8



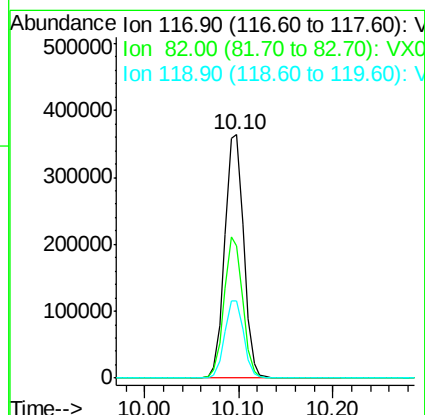
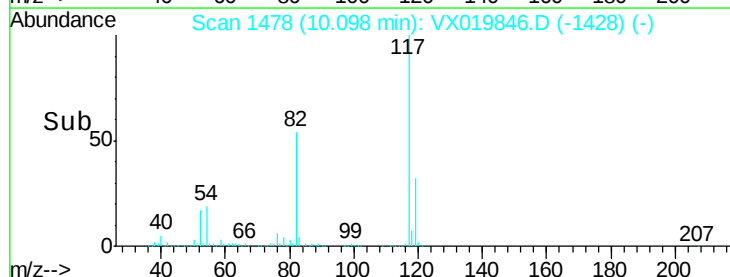
Abundance Ion 116.90 (116.60 to 117.60): VX019713.D (-1470) (-)

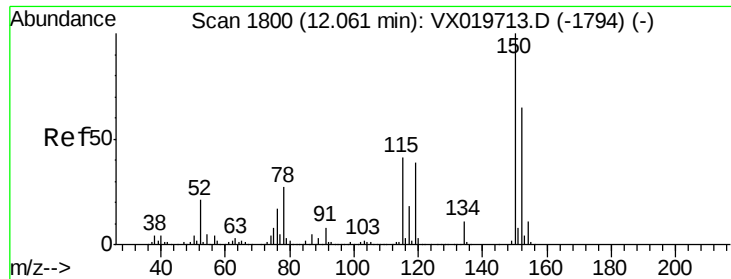
Ion 82.00 (81.70 to 82.70): VX019713.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX019713.D (-1470) (-)

10.10

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: VX019846.D

Acq: 11 Dec 2020 00:24

Instrument :

MSVOA_X

ClientSampleId :

TR1-A-BOTTOM

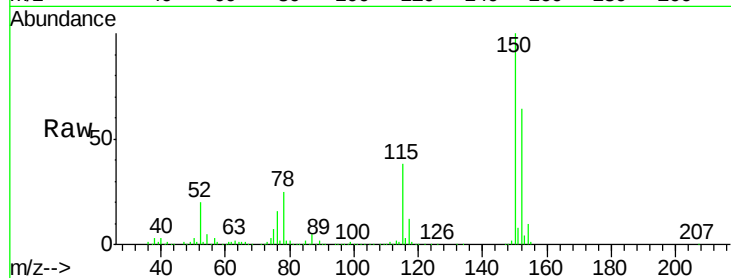
Tot Ion:152 Resp: 220521

Ion Ratio Lower Upper

152 100

115 59.8 41.1 123.3

150 157.0 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

