

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121220\
 Data File : VX019945.D
 Acq On : 12 Dec 2020 20:17
 Operator : JC/MD
 Sample : L4984-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TR3-B-BOTTOM

Quant Time: Dec 14 08:45:18 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	296812	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	495828	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	468692	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195951	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	192108	49.25	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.50%		
35) Dibromofluoromethane	5.46	113	155264	48.45	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.90%		
50) Toluene-d8	8.70	98	621770	50.82	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.64%		
62) 4-Bromofluorobenzene	11.12	95	212379	45.61	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.22%		

Target Compounds

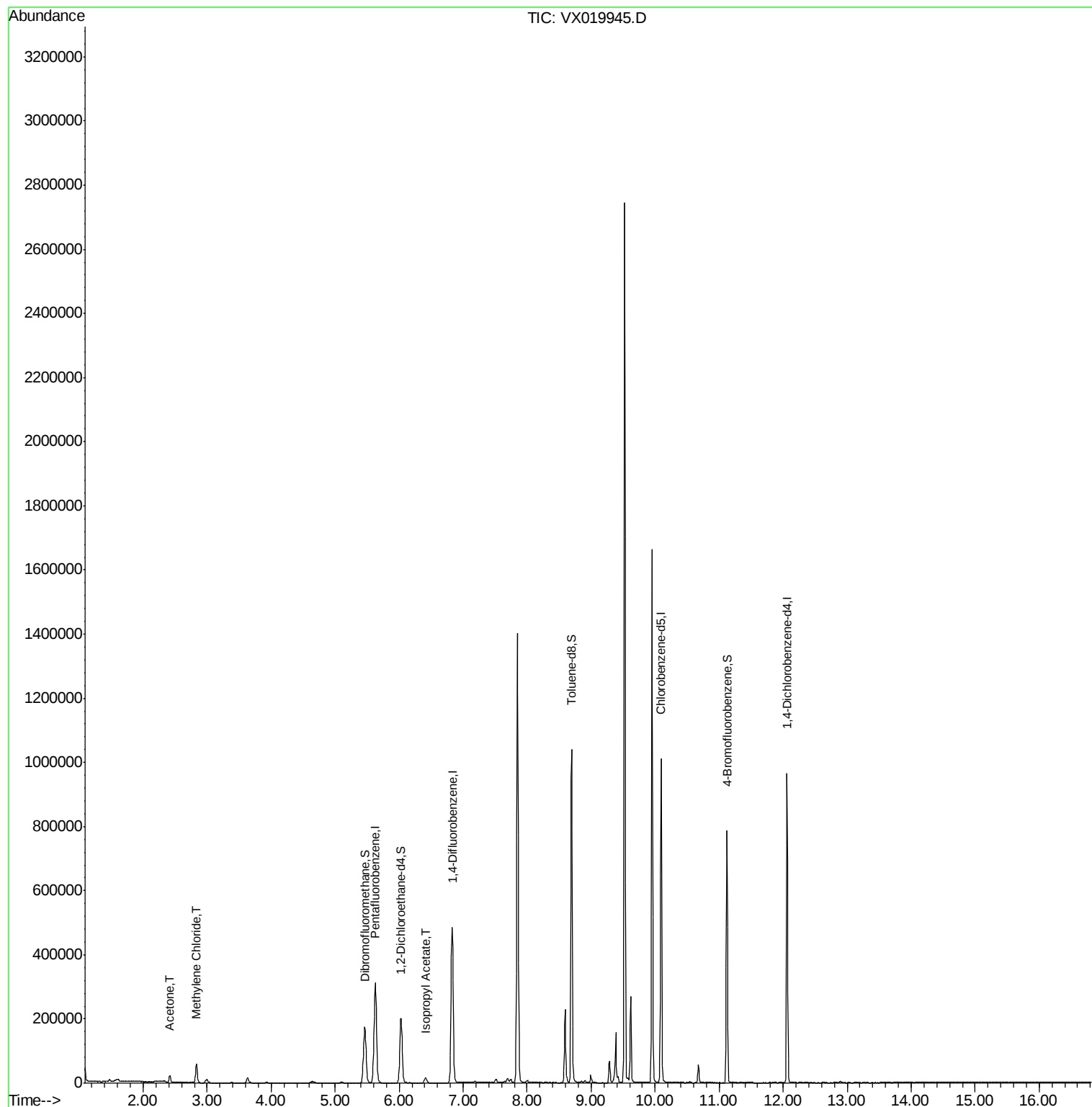
					Qvalue
16) Acetone	2.42	43	23553	16.063	ug/l 94
20) Methylene Chloride	2.83	84	29001	7.453	ug/l 98
43) Isopropyl Acetate	6.42	43	21286	2.894	ug/l 98

(#) = 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: VX019945.D

Acq: 12 Dec 2020 20:17

Instrument :

MSVOA_X

ClientSampleId :

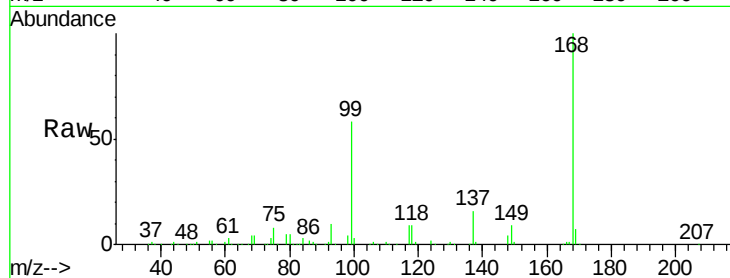
TR3-B-BOTTOM

Tot Ion:168 Resp: 296812

Ion Ratio Lower Upper

168 100

99 57.6 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

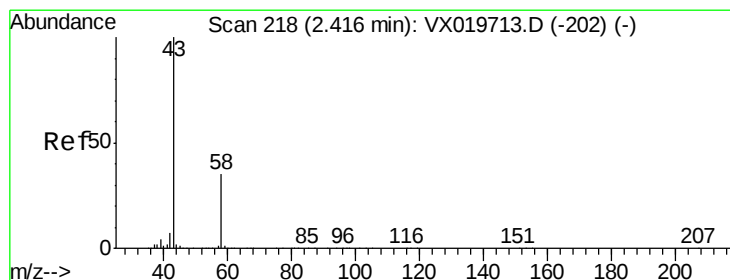
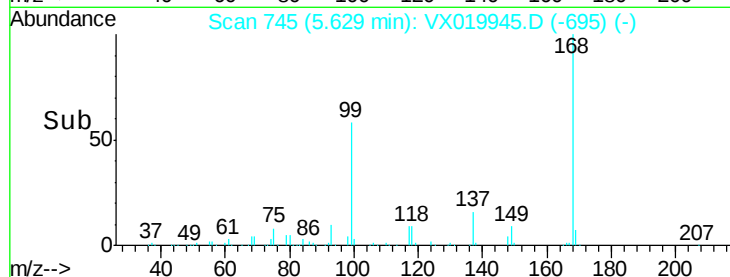
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 16.063 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019945.D

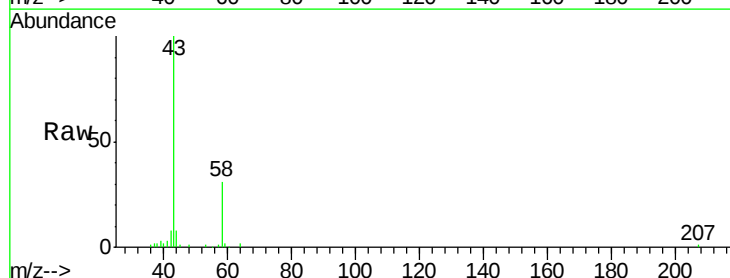
Acq: 12 Dec 2020 20:17

Tgt Ion: 43 Resp: 23553

Ion Ratio Lower Upper

43 100

58 31.1 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

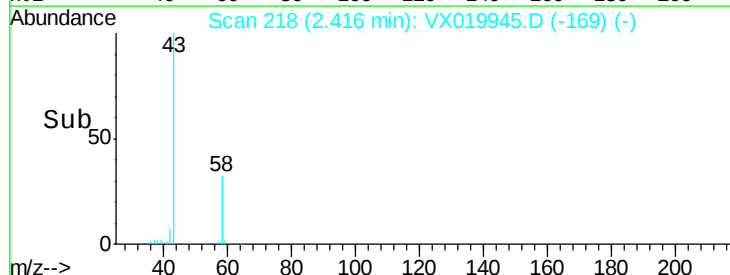
15000

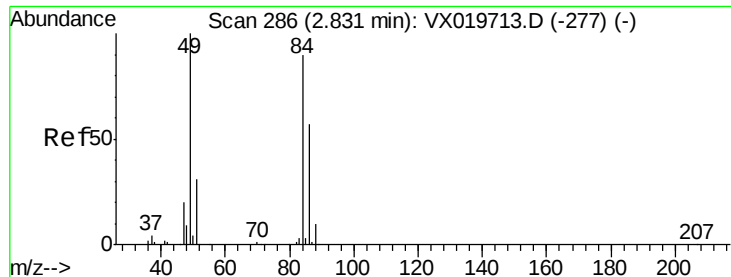
10000

5000

0

Time-->

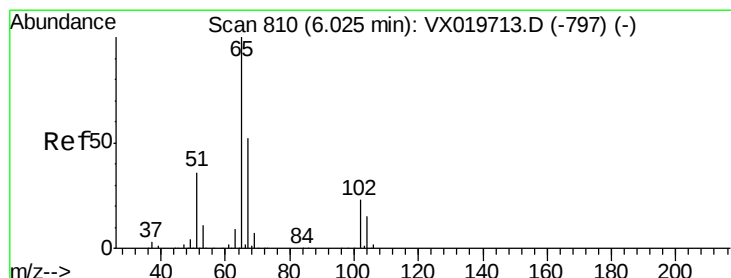
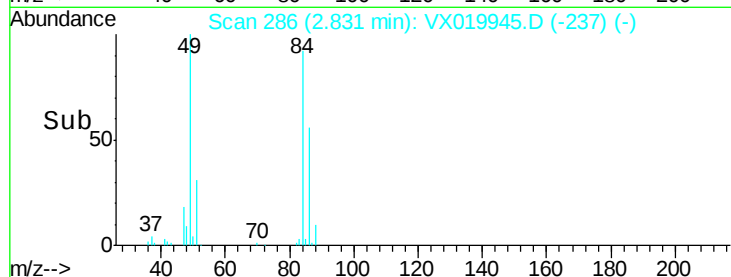
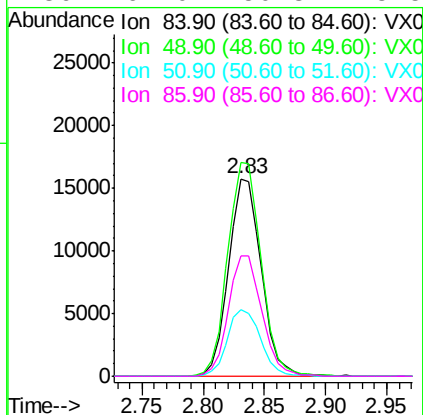
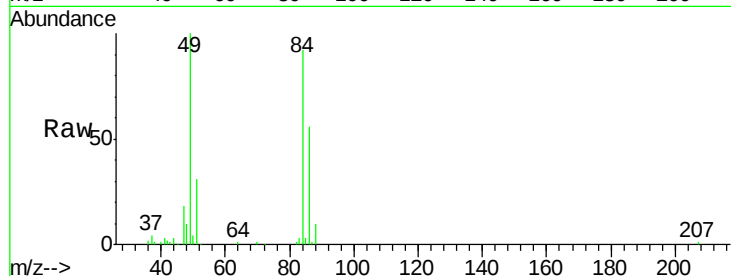




#20
Methvlene Chloride
Concen: 7.453 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019945.D
Acq: 12 Dec 2020 20:17

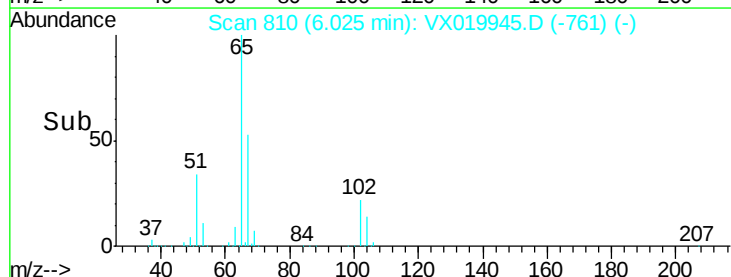
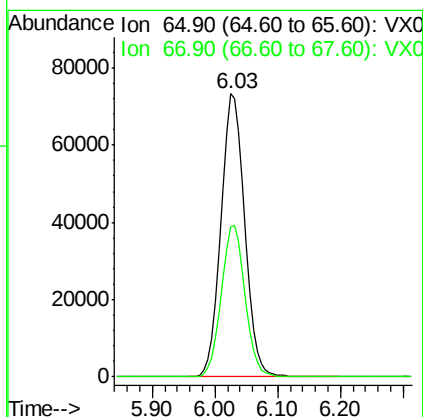
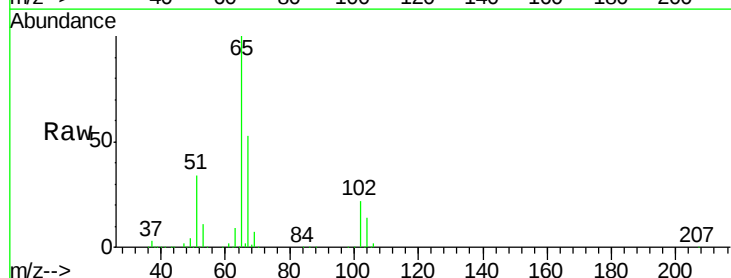
Instrument :
MSVOA_X
ClientSampleId :
TR3-B-BOTTOM

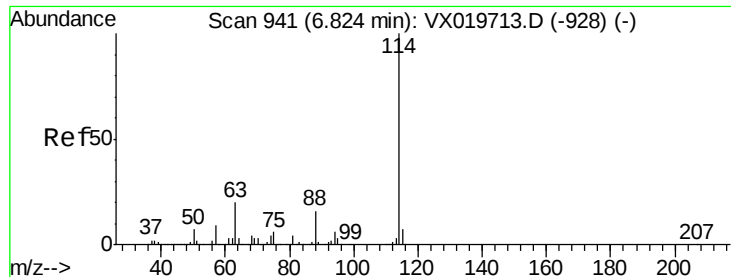
Tot Ion:	84	Resp:	29001
Ion	Ratio	Lower	Upper
84	100		
49	108.3	88.6	132.8
51	33.6	27.0	40.6
86	61.0	50.3	75.5



#33
1,2-Dichloroethane-d4
Concen: 49.246 ug/l
RT: 6.03 min Scan# 810
Delta R.T. 0.00 min
Lab File: VX019945.D
Acq: 12 Dec 2020 20:17

Tgt Ion:	65	Resp:	192108
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: VX019945.D

Acq: 12 Dec 2020 20:17

Instrument :

MSVOA_X

ClientSampleId :

TR3-B-BOTTOM

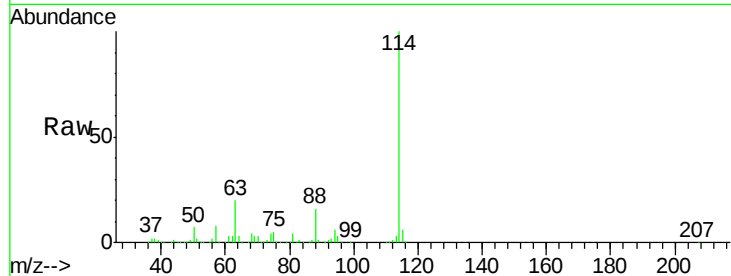
Tot Ion:114 Resp: 495828

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

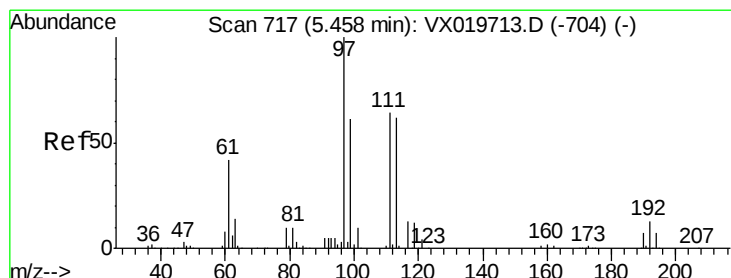
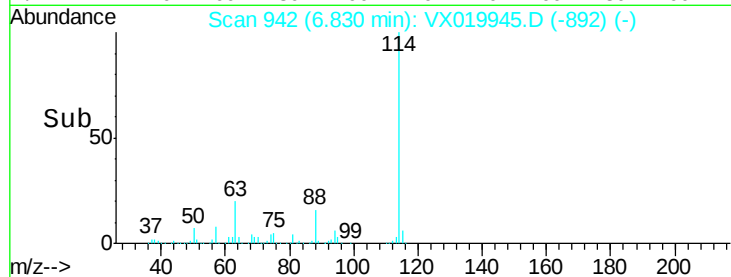
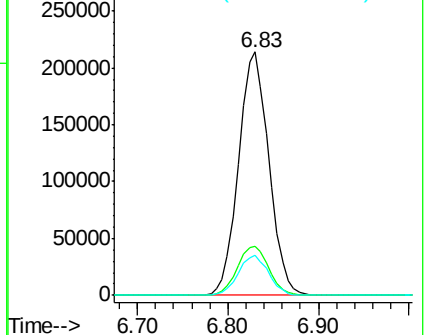
88 16.2 0.0 32.8



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: 48.452 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019945.D

Acq: 12 Dec 2020 20:17

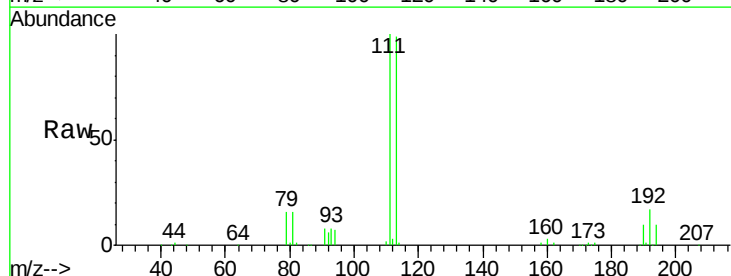
Tgt Ion:113 Resp: 155264

Ion Ratio Lower Upper

113 100

111 102.8 81.9 122.9

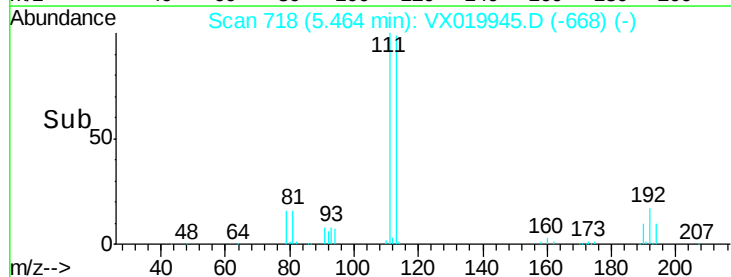
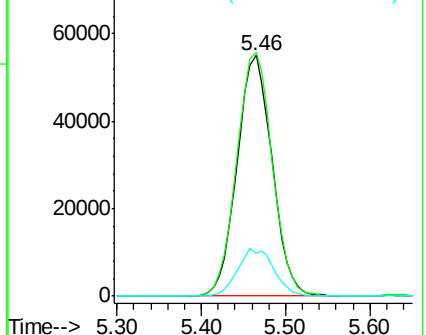
192 20.2 16.7 25.1

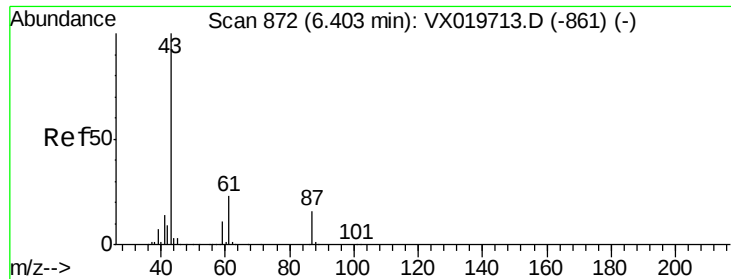


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

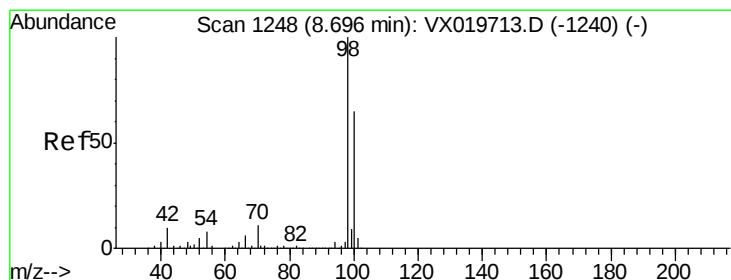
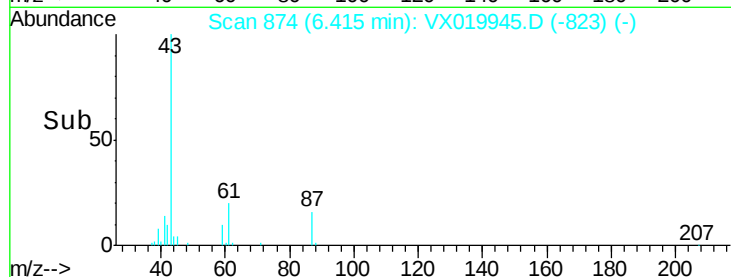
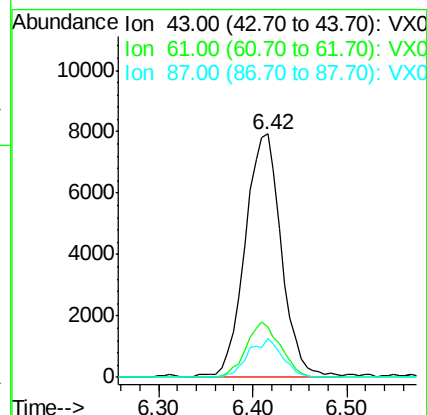
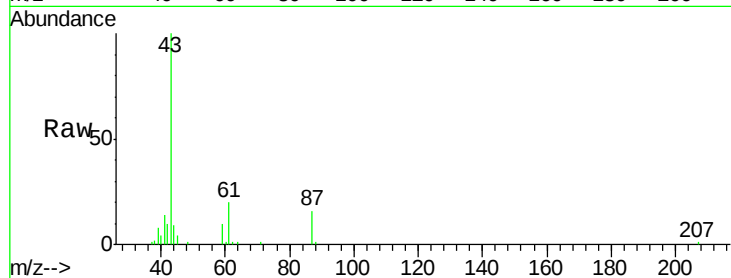




#43
Isopropyl Acetate
Concen: 2.894 ug/l
RT: 6.42 min Scan# 874
Delta R.T. 0.01 min
Lab File: VX019945.D
Acq: 12 Dec 2020 20:17

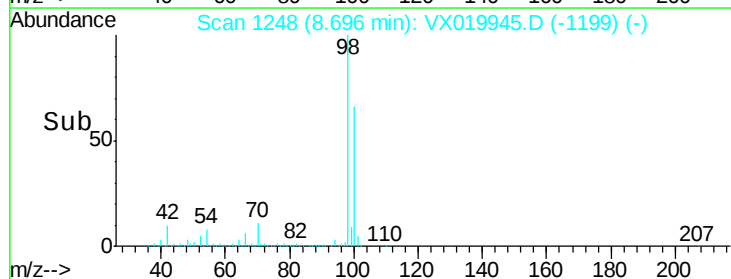
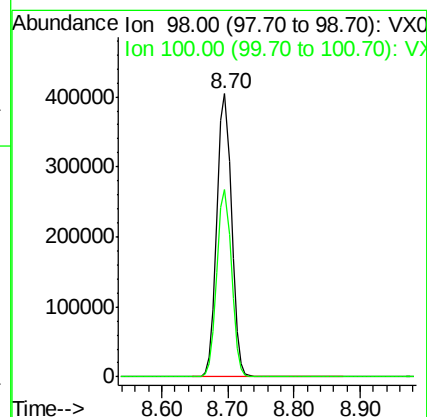
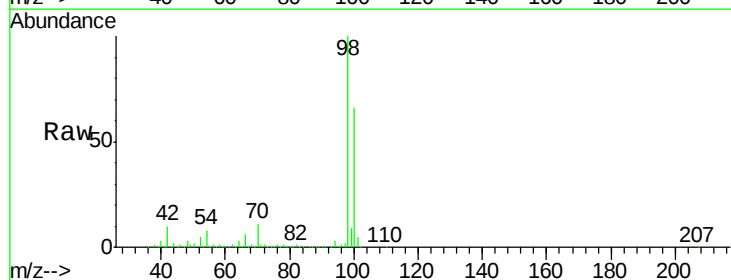
Instrument :
MSVOA_X
ClientSampleId :
TR3-B-BOTTOM

Tot Ion: 43 Resp: 21286
Ion Ratio Lower Upper
43 100
61 21.3 18.2 27.4
87 14.9 12.5 18.7



#50
Toluene-d8
Concen: 50.824 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019945.D
Acq: 12 Dec 2020 20:17

Tgt Ion: 98 Resp: 621770
Ion Ratio Lower Upper
98 100
100 65.9 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 45.611 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019945.D

Acq: 12 Dec 2020 20:17

Instrument :

MSVOA_X

ClientSampleId :

TR3-B-BOTTOM

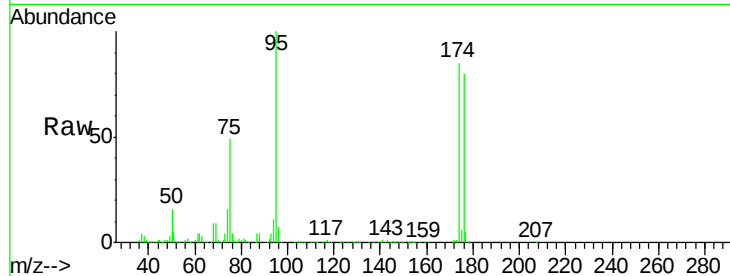
Tot Ion: 95 Resp: 212379

Ion Ratio Lower Upper

95 100

174 77.2 0.0 154.6

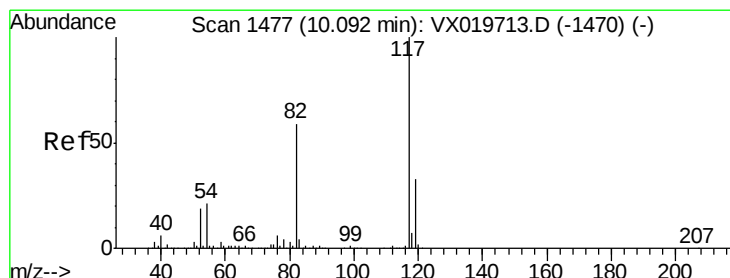
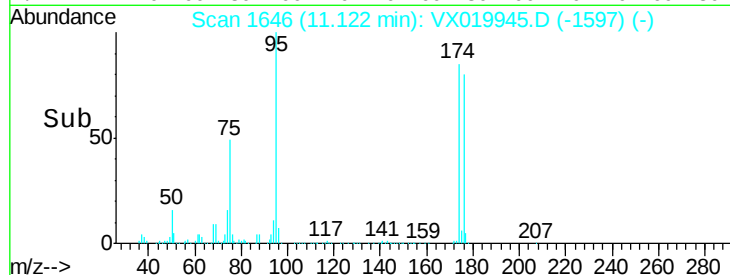
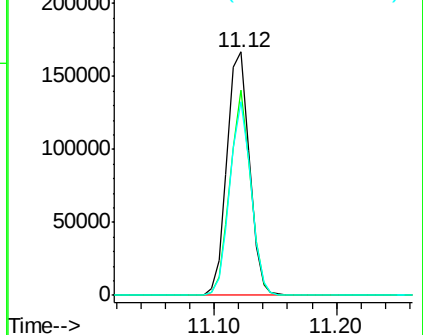
176 74.8 0.0 155.8



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



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.01 min

Lab File: VX019945.D

Acq: 12 Dec 2020 20:17

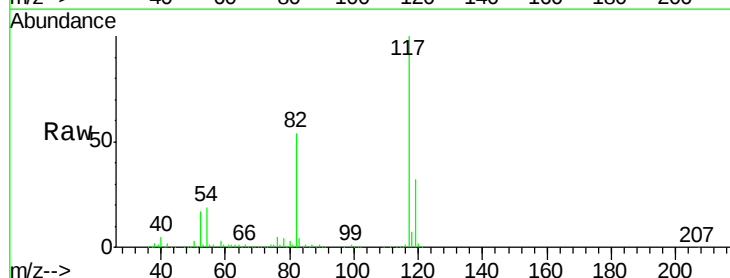
Tgt Ion: 117 Resp: 468692

Ion Ratio Lower Upper

117 100

82 53.5 47.4 71.2

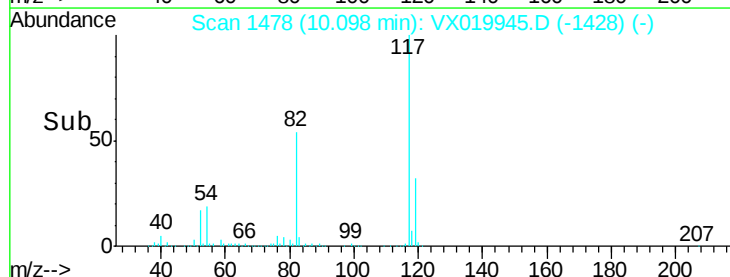
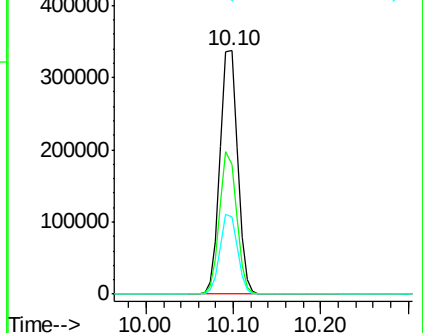
119 31.9 26.6 39.8

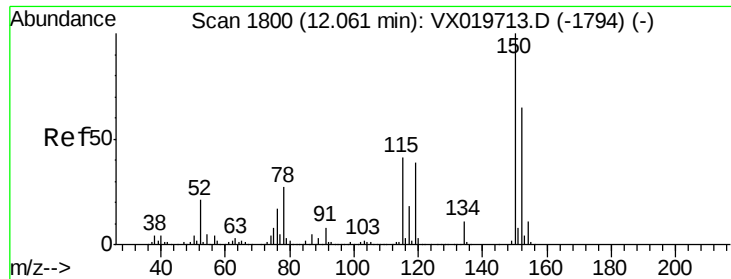


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX019945.D

Acq: 12 Dec 2020 20:17

Instrument :

MSVOA_X

ClientSampleId :

TR3-B-BOTTOM

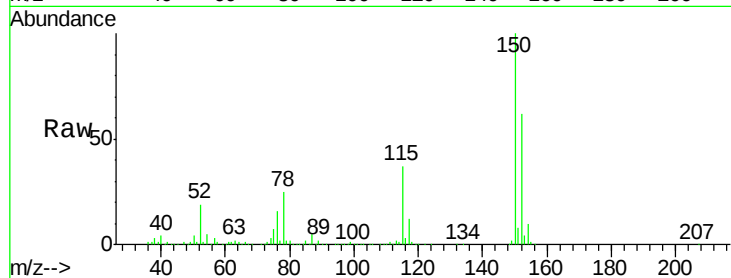
Tot Ion:152 Resp: 195951

Ion Ratio Lower Upper

152 100

115 59.2 41.1 123.3

150 154.9 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

