

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121220\
 Data File : VX019947.D
 Acq On : 12 Dec 2020 21:04
 Operator : JC/MD
 Sample : L4984-09
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TR3-C-BOTTOM

Quant Time: Dec 14 08:47:25 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	302608	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	503127	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	472932	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	197136	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	196545	49.42	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.84%		
35) Dibromofluoromethane	5.46	113	157636	48.48	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.96%		
50) Toluene-d8	8.70	98	621427	50.06	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.12%		
62) 4-Bromofluorobenzene	11.12	95	215682	45.65	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.30%		

Target Compounds

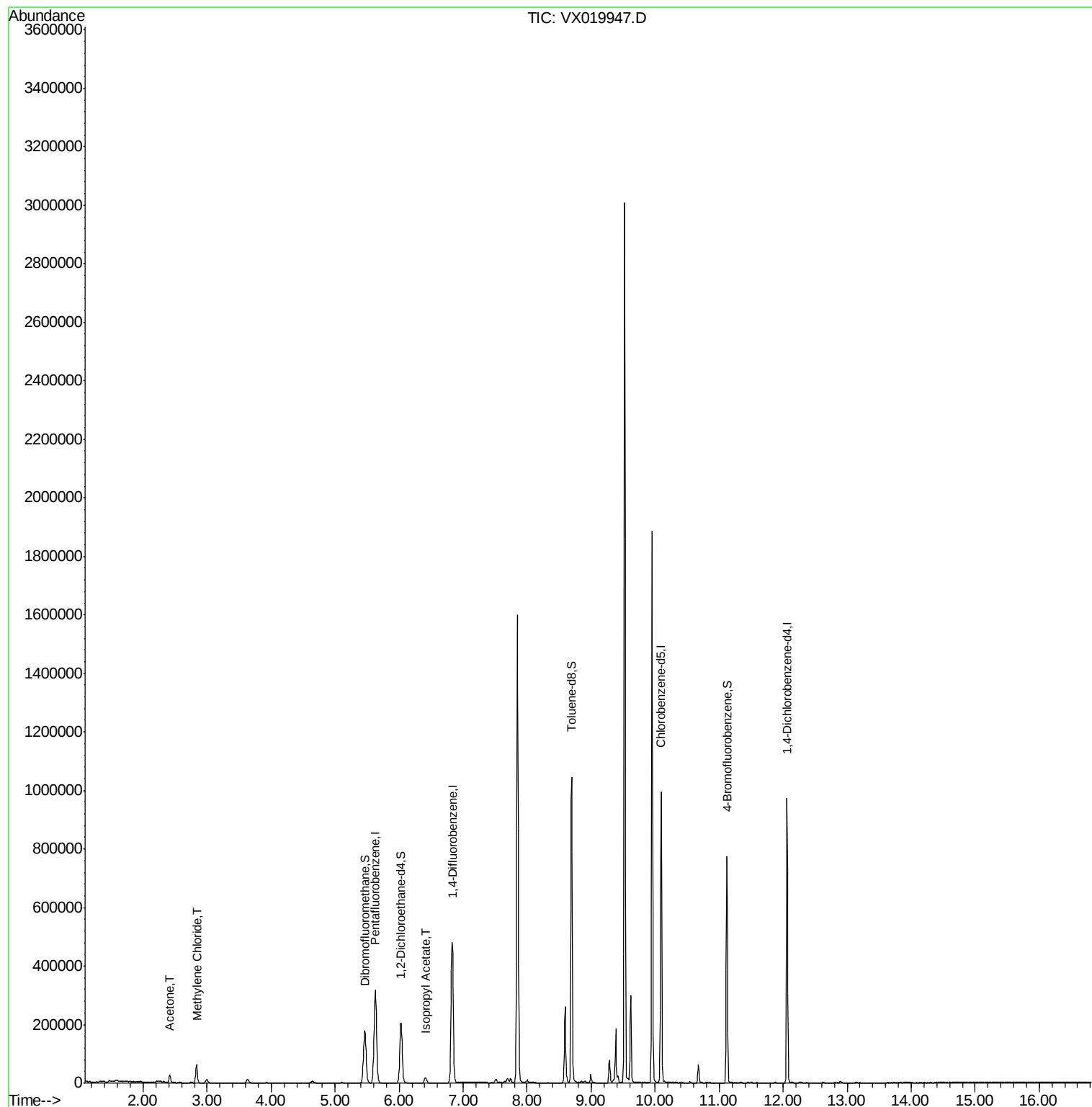
					Qvalue
16) Acetone	2.42	43	26185	17.516	ug/l 96
20) Methylene Chloride	2.84	84	30011	7.587	ug/l 96
43) Isopropyl Acetate	6.41	43	24059	3.224	ug/l 98

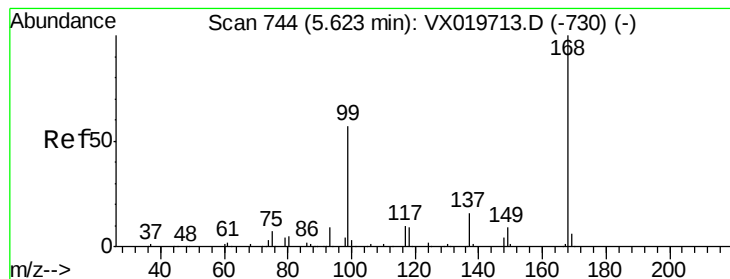
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 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: VX019947.D

Acq: 12 Dec 2020 21:04

Instrument :

MSVOA_X

ClientSampleId :

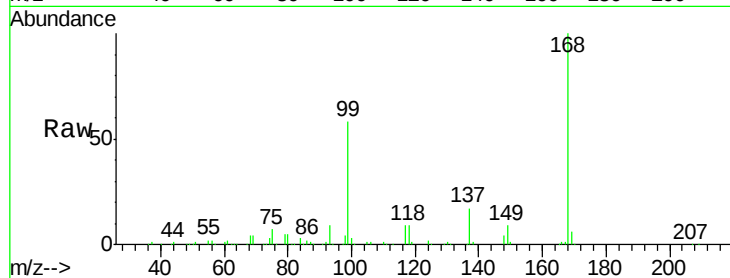
TR3-C-BOTTOM

Tot Ion:168 Resp: 302608

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

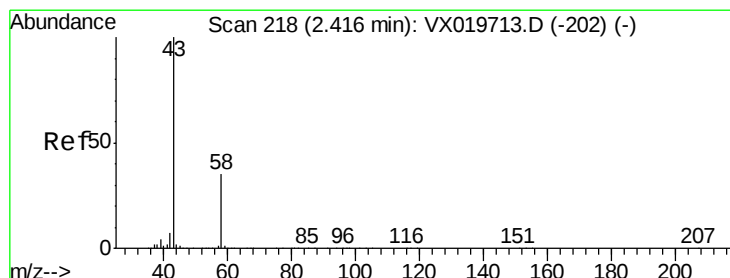
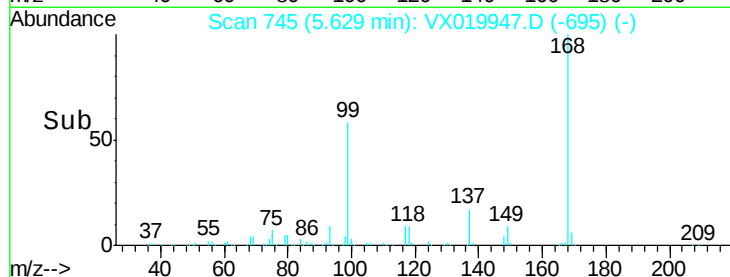
60000

40000

20000

0

Time-->



#16

Acetone

Concen: 17.516 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019947.D

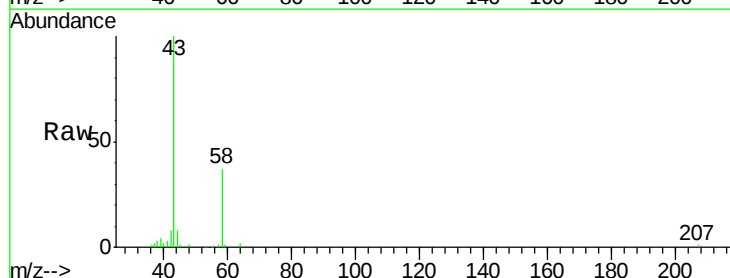
Acq: 12 Dec 2020 21:04

Tgt Ion: 43 Resp: 26185

Ion Ratio Lower Upper

43 100

58 37.2 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

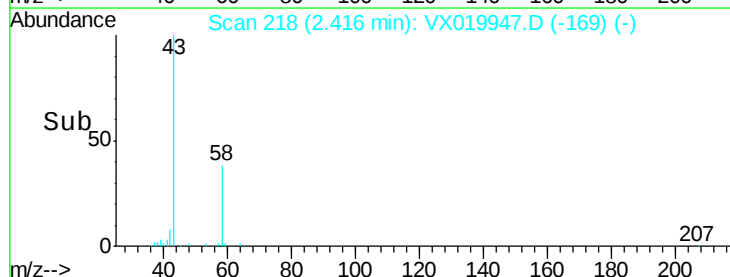
15000

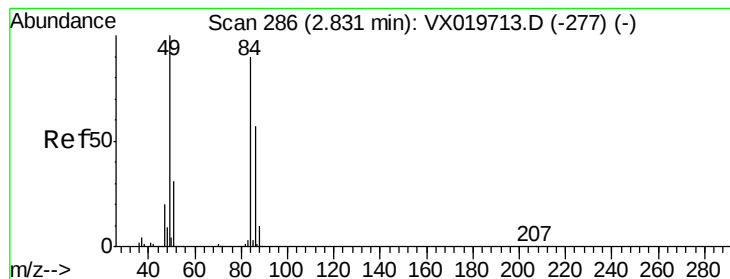
10000

5000

0

Time-->





#20

Methylene Chloride

Concen: 7.587 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.01 min

Lab File: VX019947.D

Acq: 12 Dec 2020 21:04

Instrument :

MSVOA_X

ClientSampled :

TR3-C-BOTTOM

Tot Ion: 84 Resp: 30011

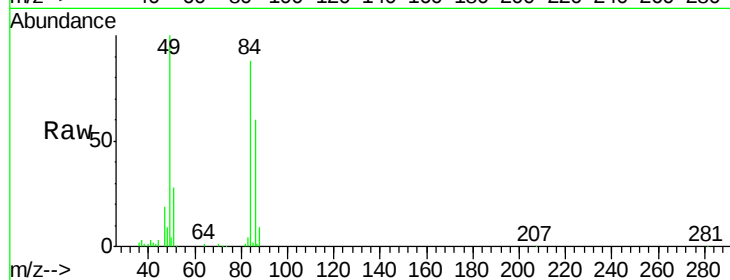
Ion Ratio Lower Upper

84 100

49 113.8 88.6 132.8

51 32.0 27.0 40.6

86 68.6 50.3 75.5

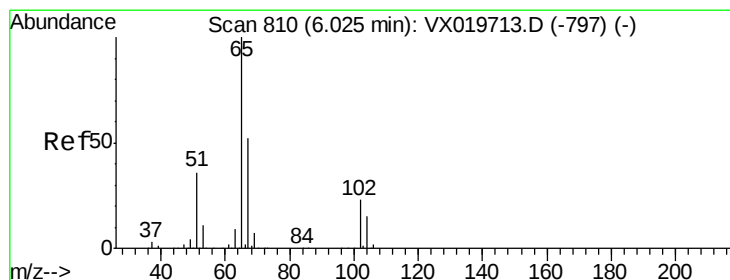
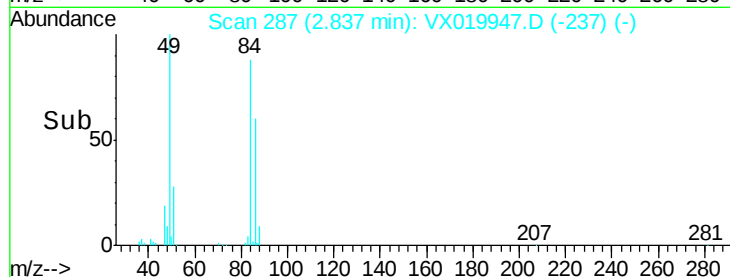
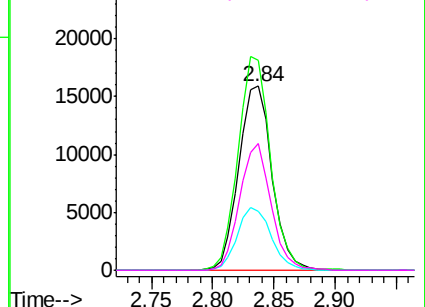


Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 49.418 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019947.D

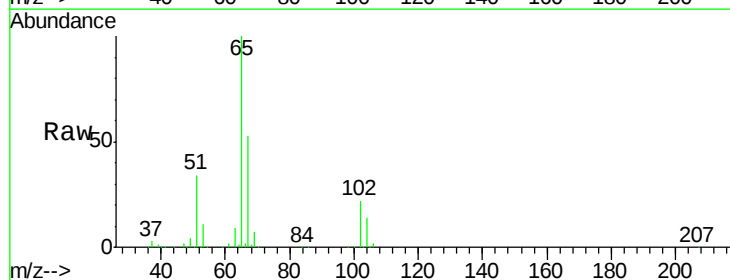
Acq: 12 Dec 2020 21:04

Tgt Ion: 65 Resp: 196545

Ion Ratio Lower Upper

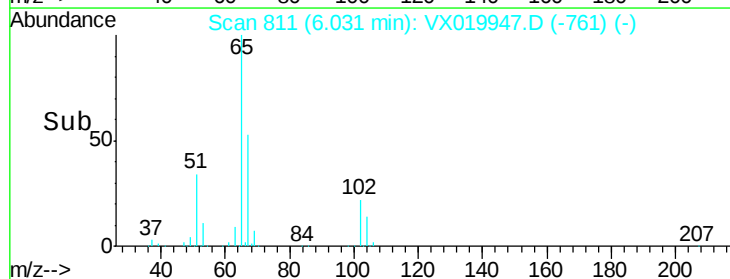
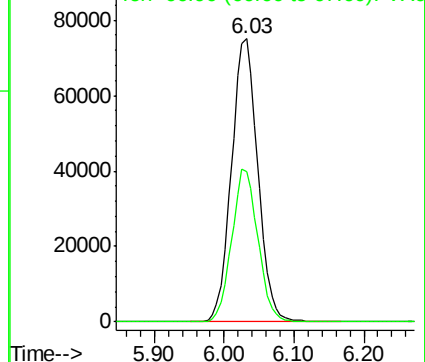
65 100

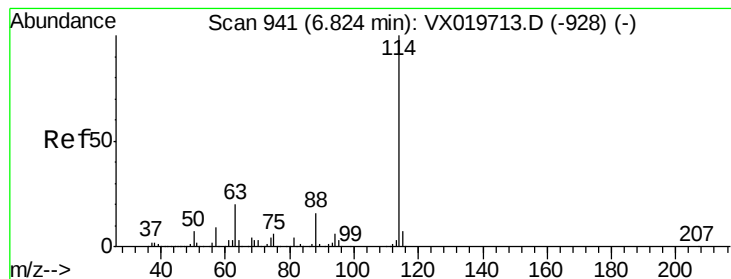
67 53.5 0.0 105.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX019947.D

Acq: 12 Dec 2020 21:04

Instrument :

MSVOA_X

ClientSampleId :

TR3-C-BOTTOM

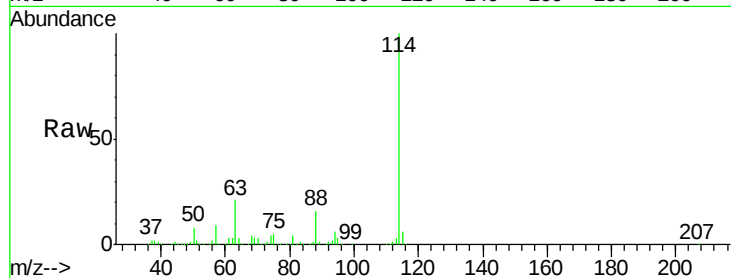
Tot Ion:114 Resp: 503127

Ion Ratio Lower Upper

114 100

63 20.9 0.0 40.8

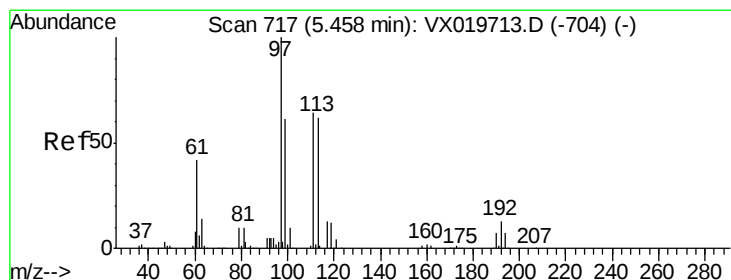
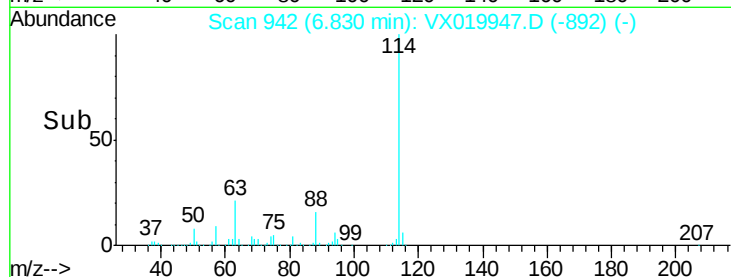
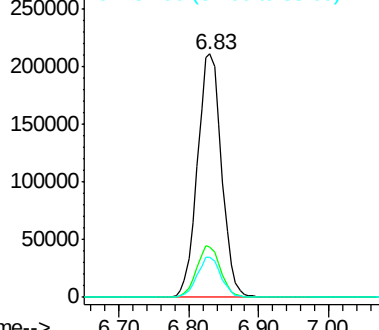
88 16.4 0.0 32.8



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: 48.479 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019947.D

Acq: 12 Dec 2020 21:04

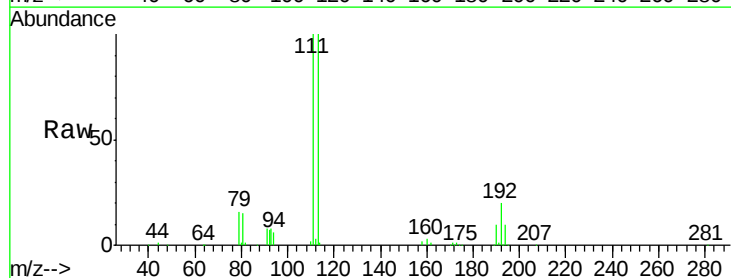
Tgt Ion:113 Resp: 157636

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

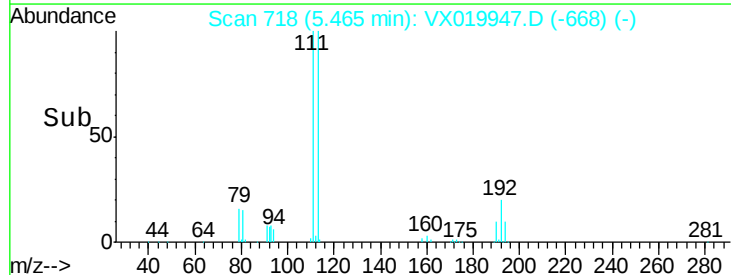
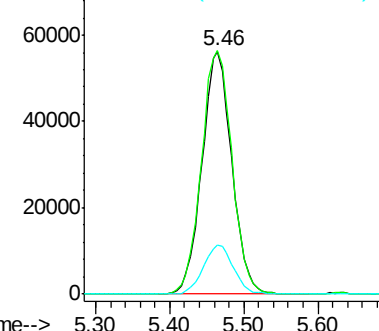
192 20.5 16.7 25.1

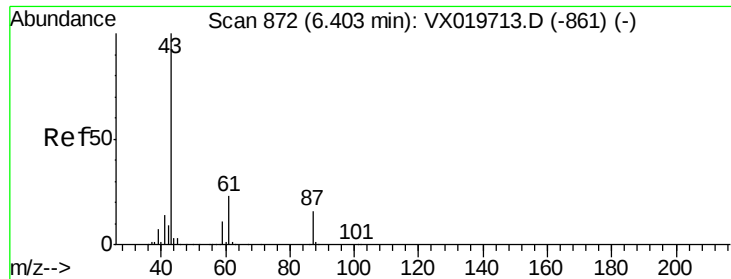


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



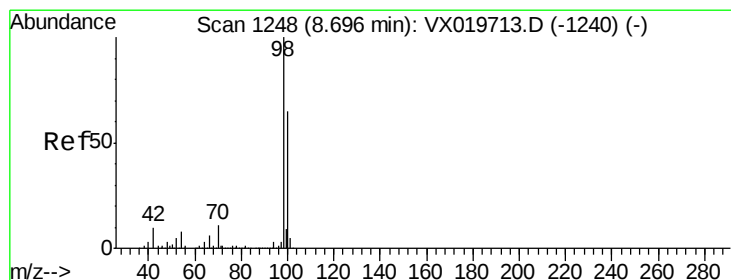
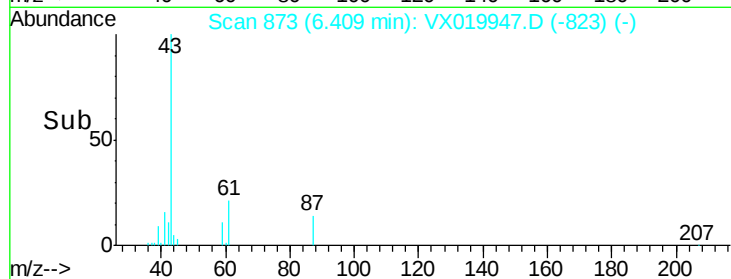
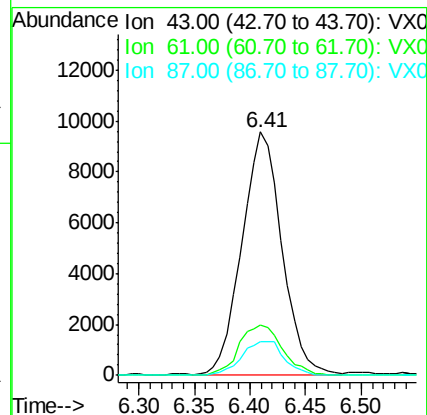
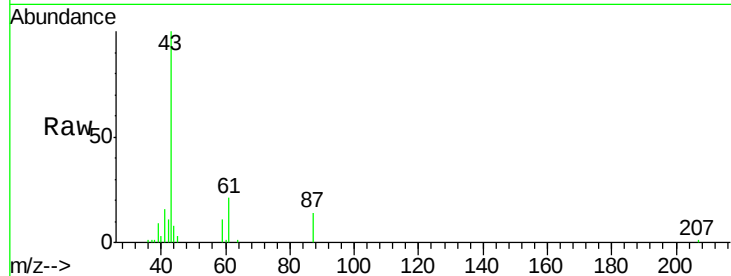


#43

Isopropyl Acetate
 Concen: 3.224 ug/l
 RT: 6.41 min Scan# 873
 Delta R.T. 0.01 min
 Lab File: VX019947.D
 Acq: 12 Dec 2020 21:04

Instrument :
 MSVOA_X
 ClientSampleId :
 TR3-C-BOTTOM

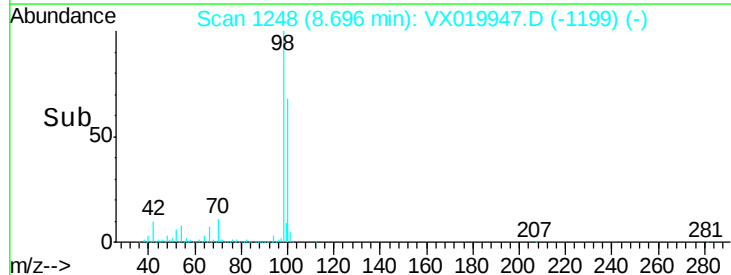
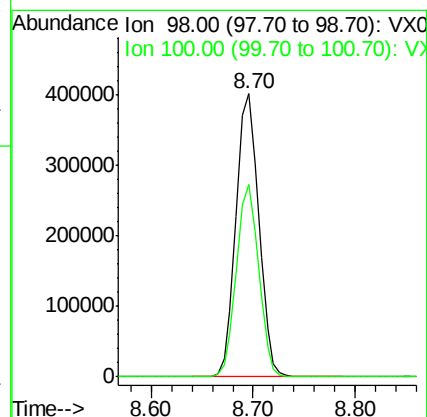
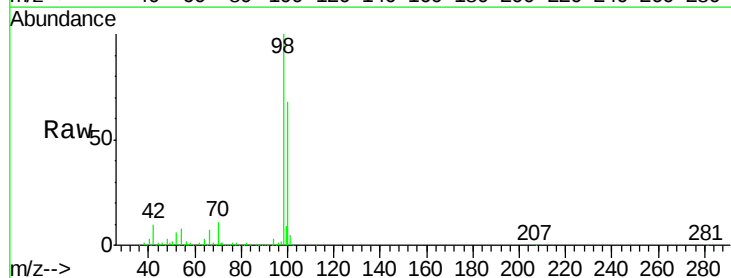
Tot Ion	Ratio	Lower	Upper
43	100		
61	22.3	18.2	27.4
87	14.7	12.5	18.7



#50

Toluene-d8
 Concen: 50.059 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: VX019947.D
 Acq: 12 Dec 2020 21:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.4	51.9	77.9

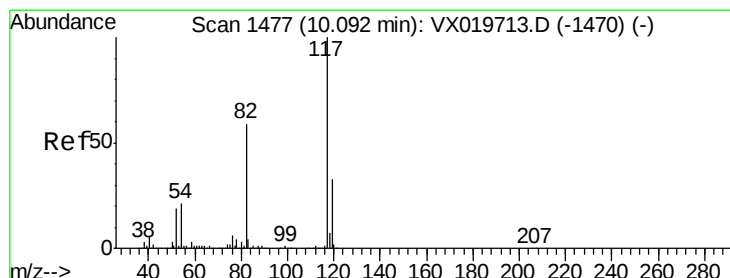
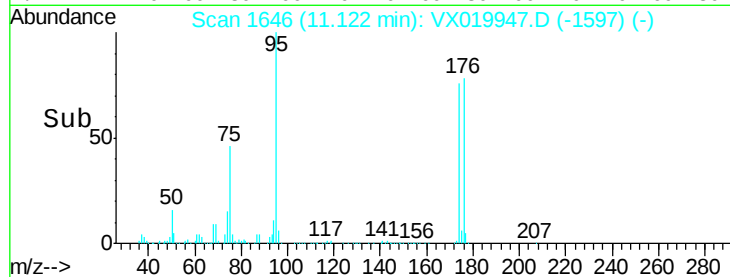
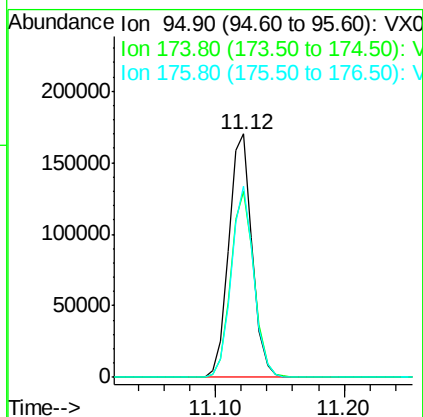
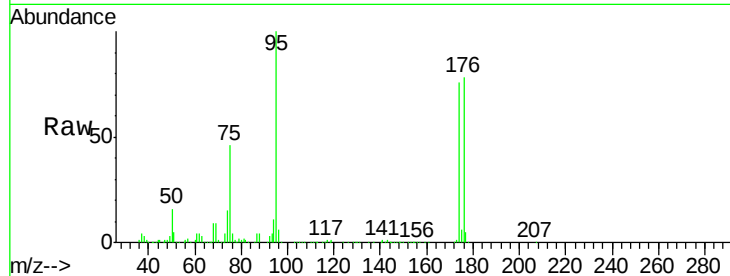




#62
4-Bromofluorobenzene
Concen: 45.648 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019947.D
Acq: 12 Dec 2020 21:04

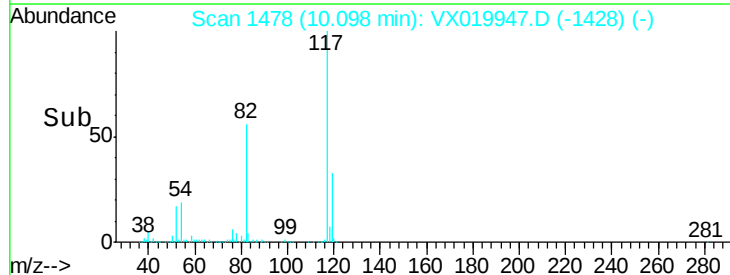
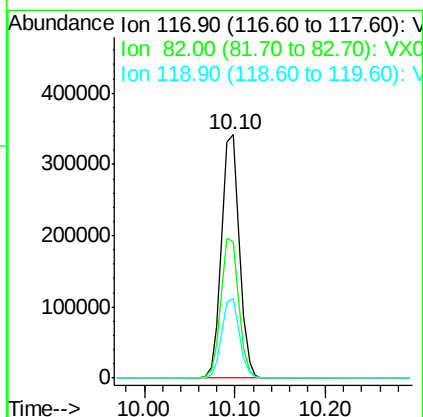
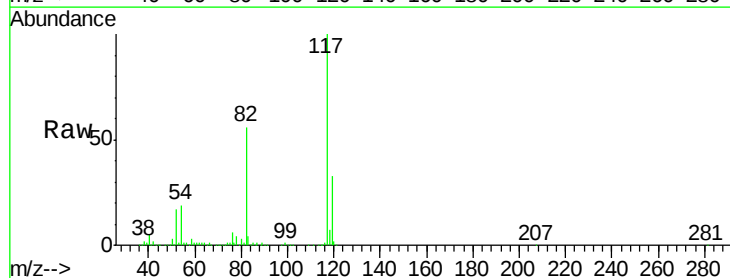
Instrument :
MSVOA_X
ClientSampleId :
TR3-C-BOTTOM

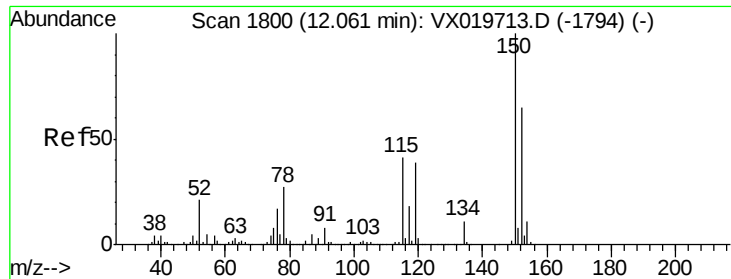
Tot Ion: 95 Resp: 215682
Ion Ratio Lower Upper
95 100
174 76.5 0.0 154.6
176 75.5 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019947.D
Acq: 12 Dec 2020 21:04

Tgt Ion: 117 Resp: 472932
Ion Ratio Lower Upper
117 100
82 56.0 47.4 71.2
119 33.0 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019947.D

Acq: 12 Dec 2020 21:04

Instrument :

MSVOA_X

ClientSampleId :

TR3-C-BOTTOM

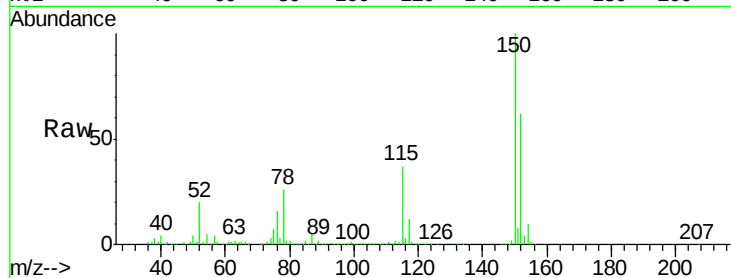
Tot Ion:152 Resp: 197136

Ion Ratio Lower Upper

152 100

115 60.0 41.1 123.3

150 158.1 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

