

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121220\
 Data File : VX019946.D
 Acq On : 12 Dec 2020 20:40
 Operator : JC/MD
 Sample : L4984-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TR3-C-TOP

Quant Time: Dec 14 08:46:20 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	301805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	504481	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	480450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206562	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	197106	49.69	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.38%		
35) Dibromofluoromethane	5.46	113	158388	48.58	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.16%		
50) Toluene-d8	8.70	98	629480	50.57	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	101.14%		
62) 4-Bromofluorobenzene	11.12	95	220961	46.64	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.28%		

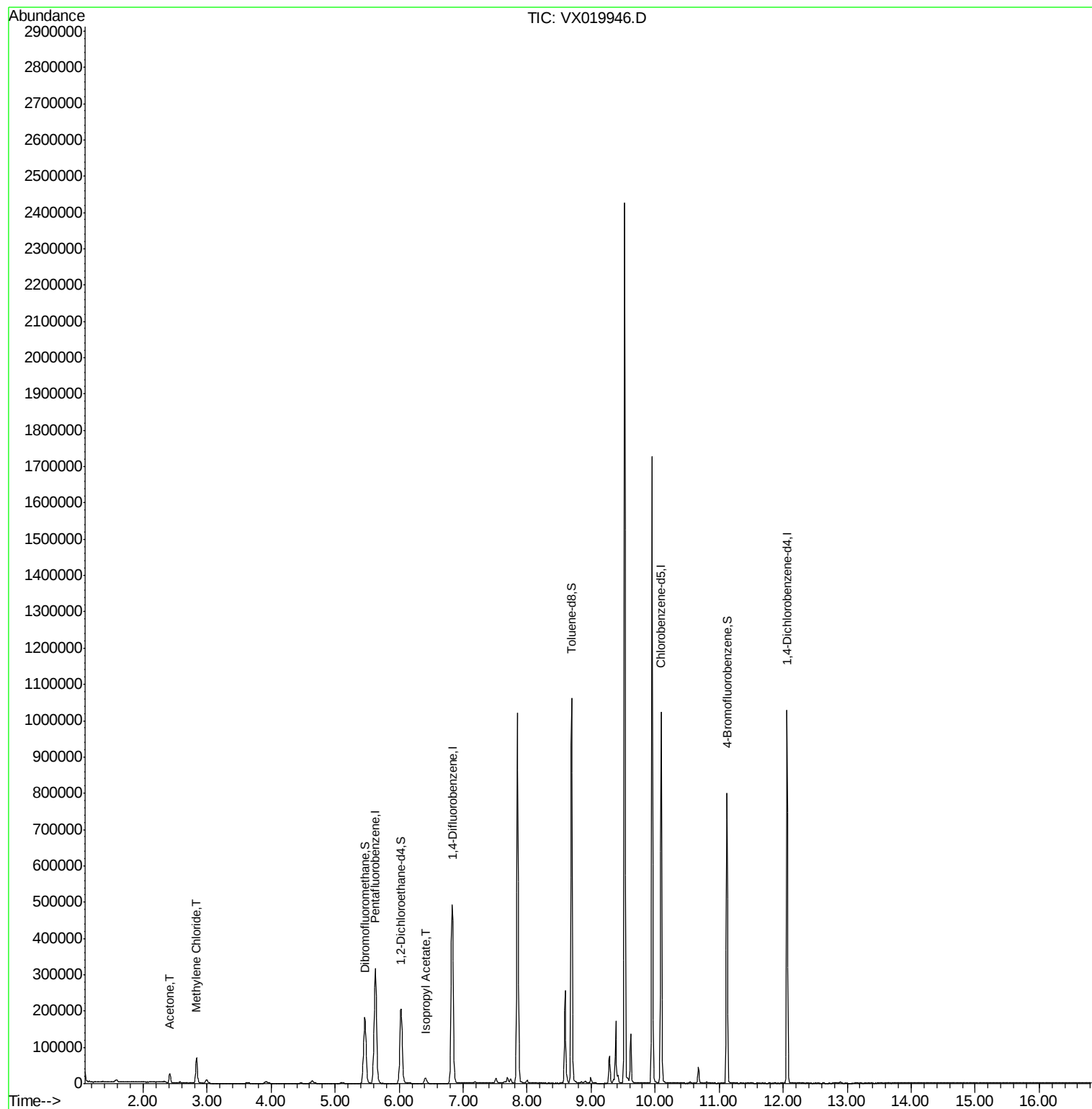
Target Compounds					Qvalue
16) Acetone	2.42	43	26244	17.602 ug/l	98
20) Methylene Chloride	2.83	84	35018	9.125 ug/l	96
43) Isopropyl Acetate	6.42	43	19752	2.640 ug/l	98

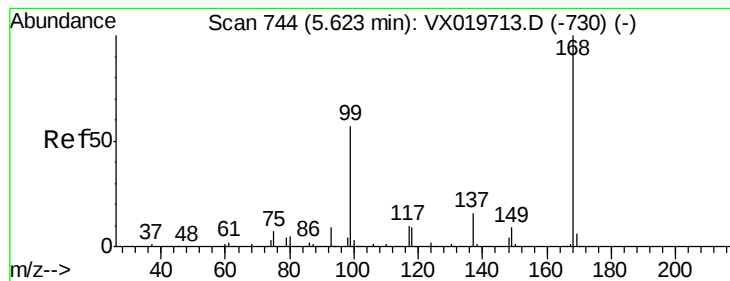
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 04 15:32:53 2020
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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: VX019946.D

Acq: 12 Dec 2020 20:40

Instrument :

MSVOA_X

ClientSampleId :

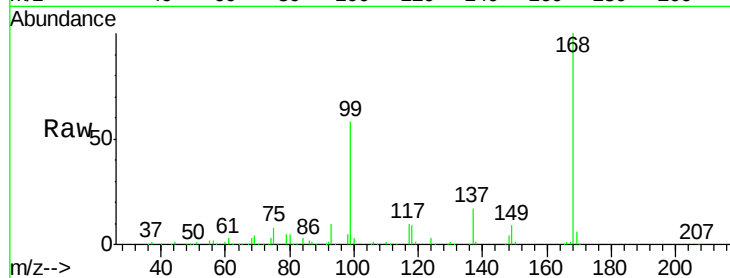
TR3-C-TOP

Tot Ion:168 Resp: 301805

Ion Ratio Lower Upper

168 100

99 58.0 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

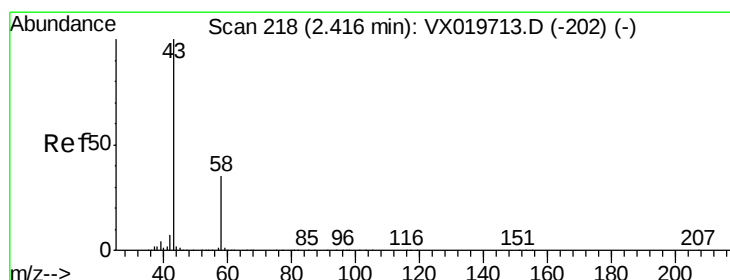
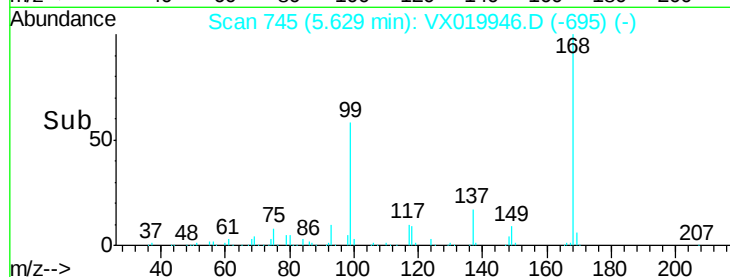
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 17.602 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019946.D

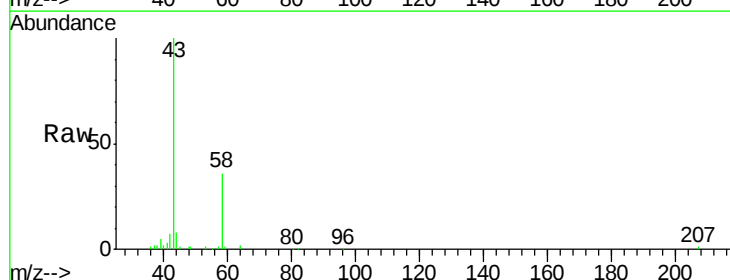
Acq: 12 Dec 2020 20:40

Tgt Ion: 43 Resp: 26244

Ion Ratio Lower Upper

43 100

58 36.2 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

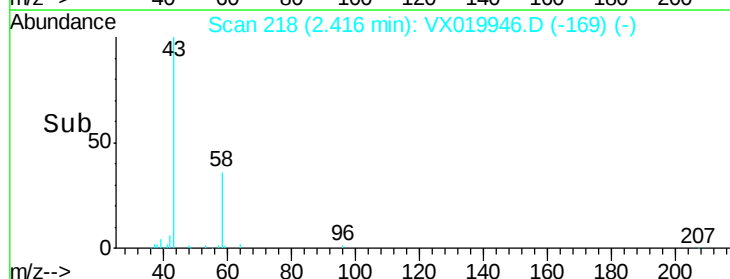
10000

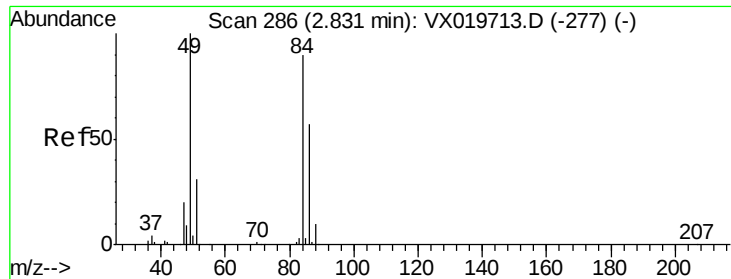
5000

0

Time-->

2.35 2.40 2.45 2.50 2.55

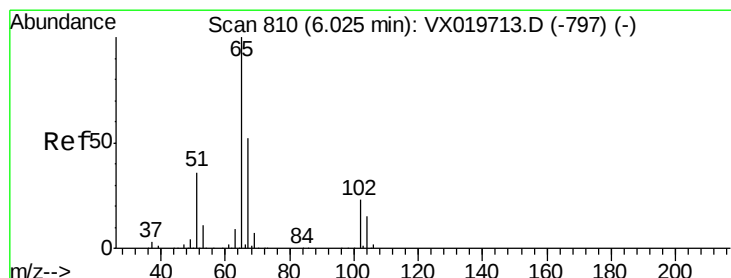
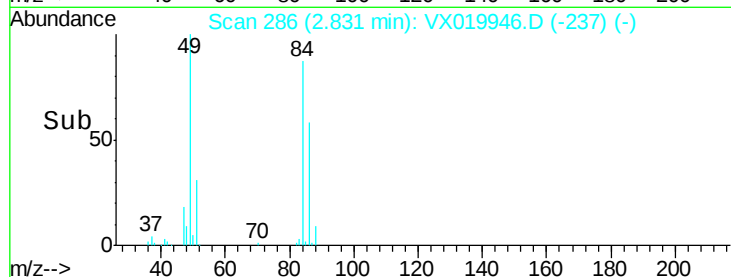
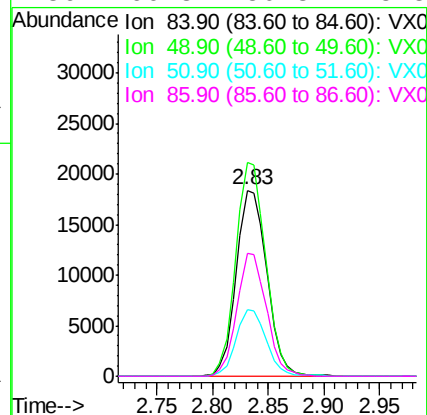
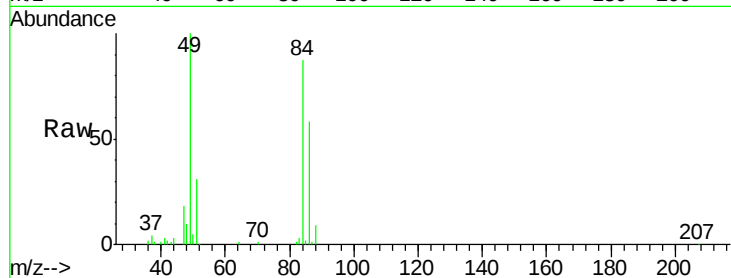




#20
Methvlene Chloride
Concen: 9.125 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019946.D
Acq: 12 Dec 2020 20:40

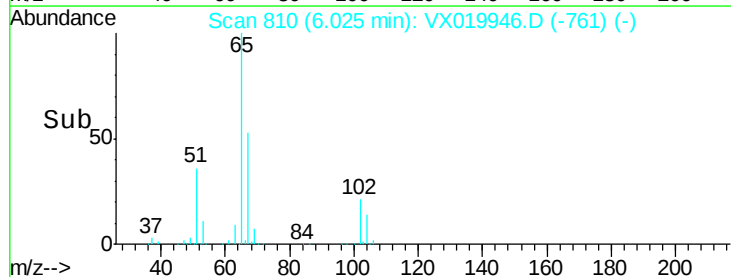
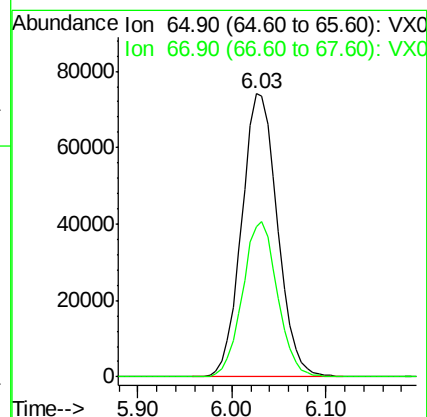
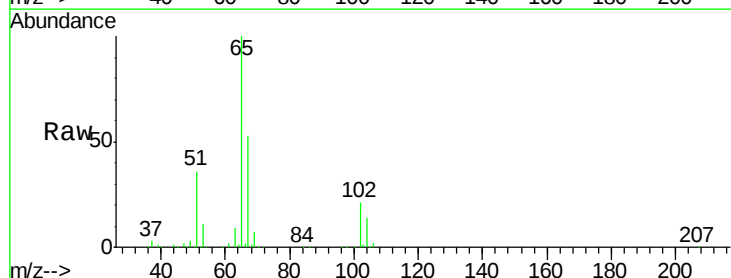
Instrument :
MSVOA_X
ClientSampled :
TR3-C-TOP

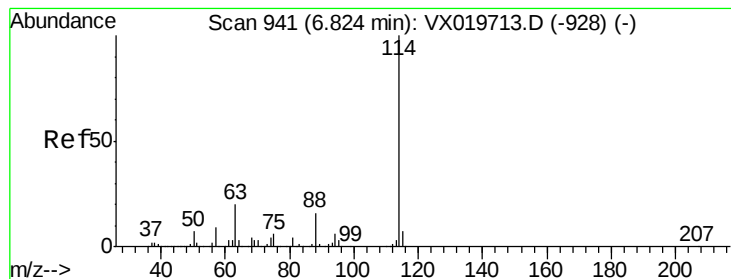
Tot Ion:	84	Resp:	35018
Ion	Ratio	Lower	Upper
84	100		
49	115.0	88.6	132.8
51	35.6	27.0	40.6
86	66.3	50.3	75.5



#33
1,2-Dichloroethane-d4
Concen: 49.691 ug/l
RT: 6.03 min Scan# 810
Delta R.T. 0.00 min
Lab File: VX019946.D
Acq: 12 Dec 2020 20:40

Tgt Ion:	65	Resp:	197106
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: VX019946.D

Acq: 12 Dec 2020 20:40

Instrument :

MSVOA_X

ClientSampleId :

TR3-C-TOP

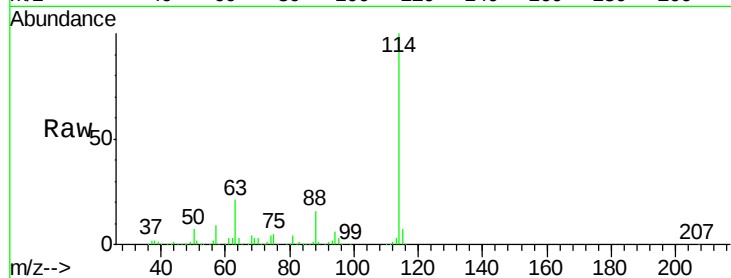
Tot Ion:114 Resp: 504481

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

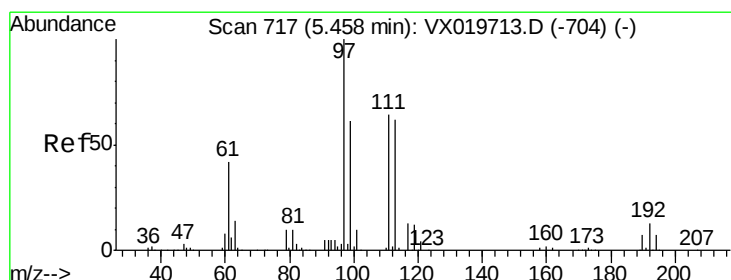
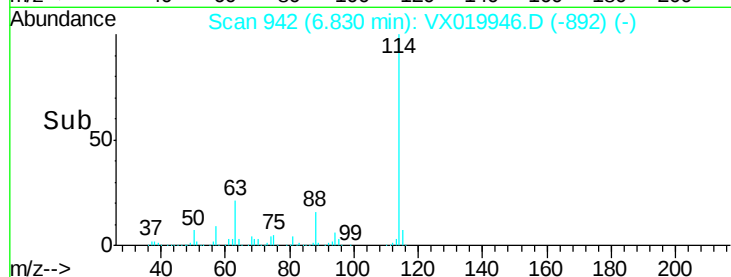
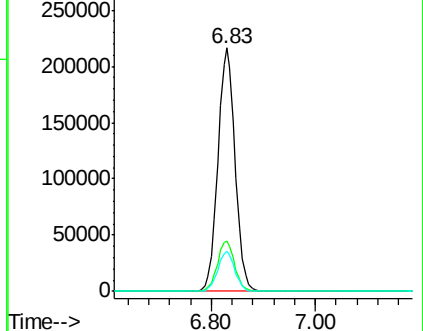
88 16.4 0.0 32.8



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: 48.580 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019946.D

Acq: 12 Dec 2020 20:40

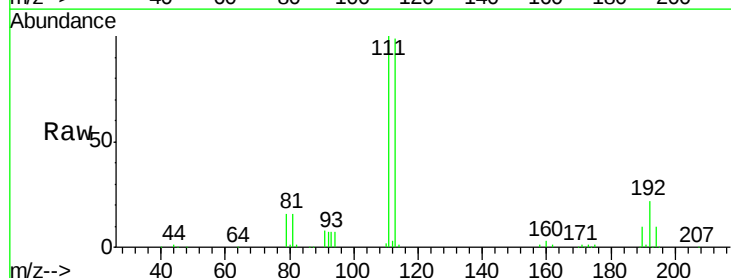
Tgt Ion:113 Resp: 158388

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

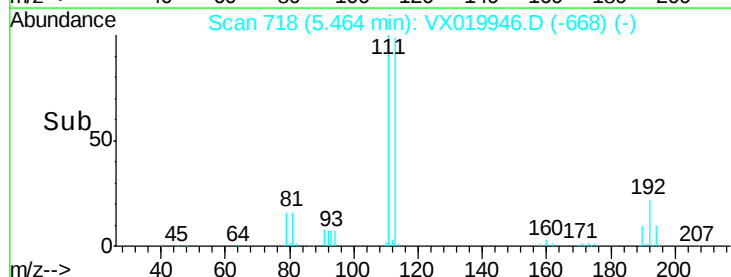
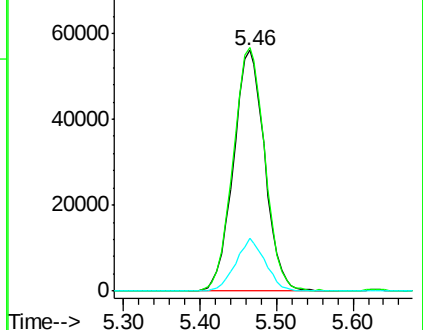
192 20.7 16.7 25.1

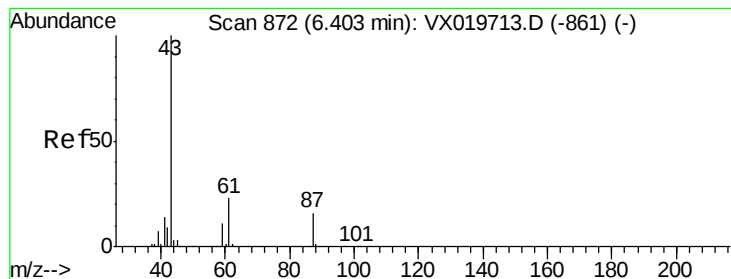


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.640 ug/l

RT: 6.42 min Scan# 874

Delta R.T. 0.01 min

Lab File: VX019946.D

Acq: 12 Dec 2020 20:40

Instrument :

MSVOA_X

ClientSampleId :

TR3-C-TOP

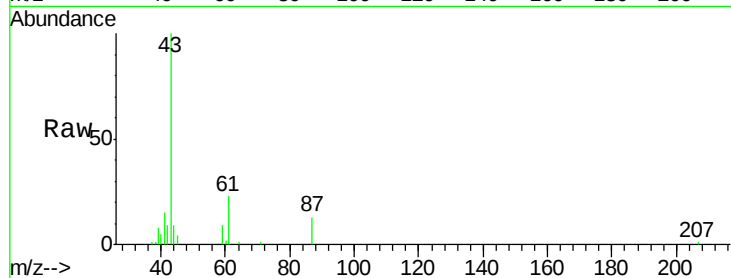
Tot Ion: 43 Resp: 19752

Ion Ratio Lower Upper

43 100

61 22.2 18.2 27.4

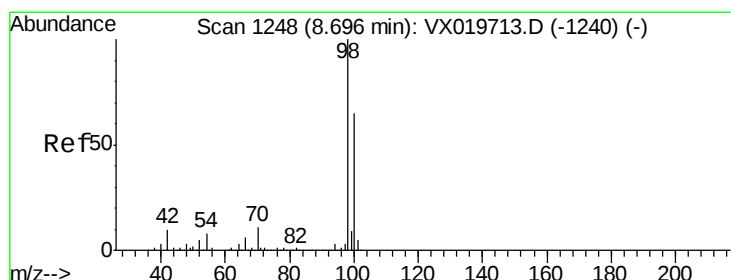
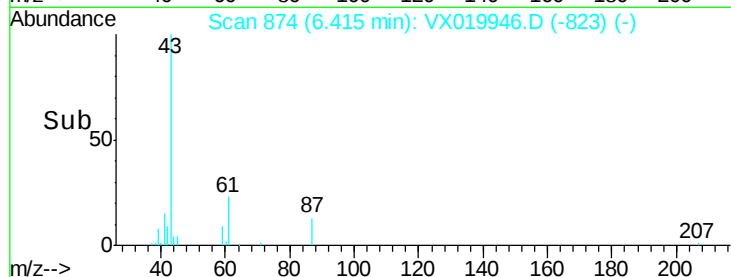
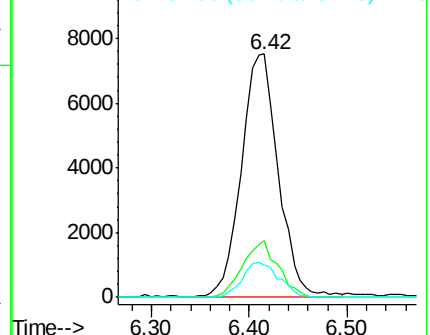
87 14.1 12.5 18.7



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: 50.572 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019946.D

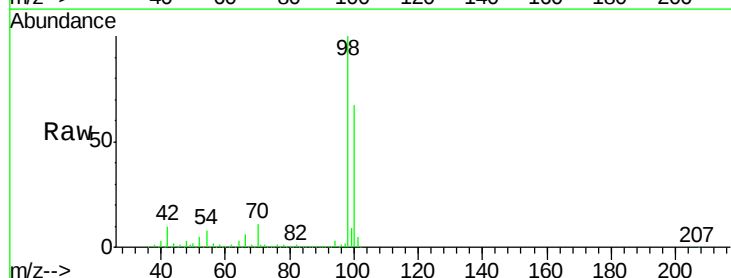
Acq: 12 Dec 2020 20:40

Tgt Ion: 98 Resp: 629480

Ion Ratio Lower Upper

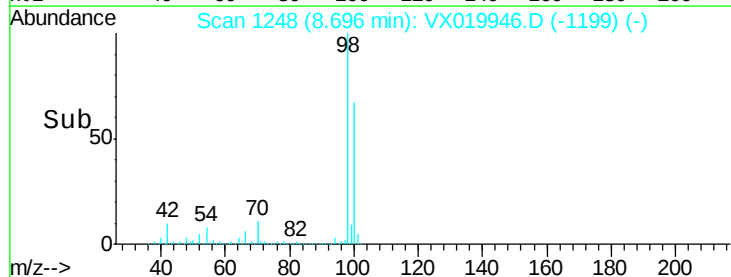
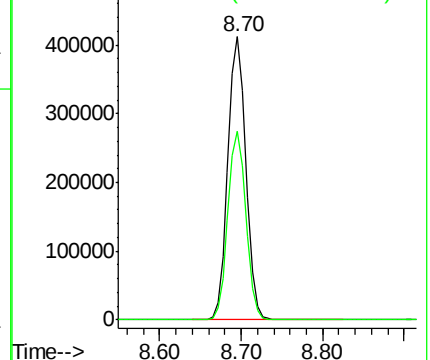
98 100

100 66.8 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

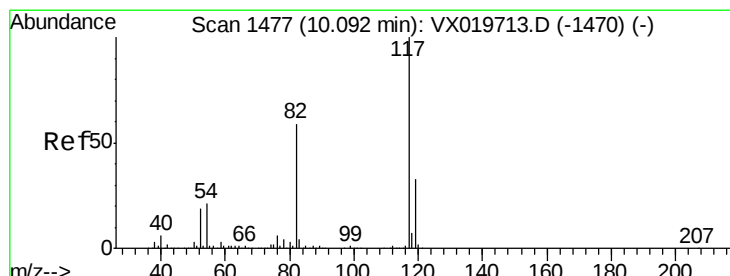
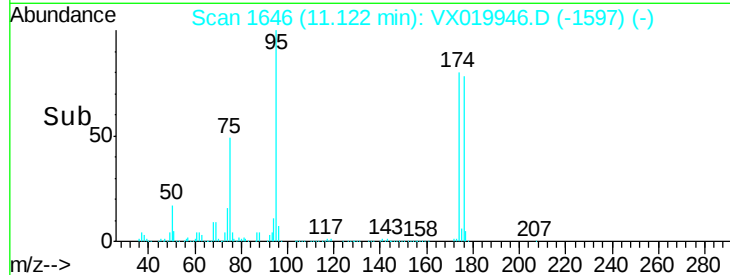
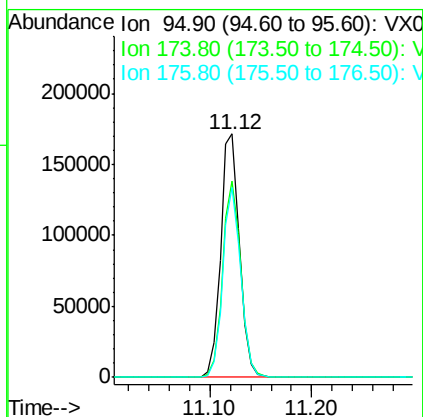
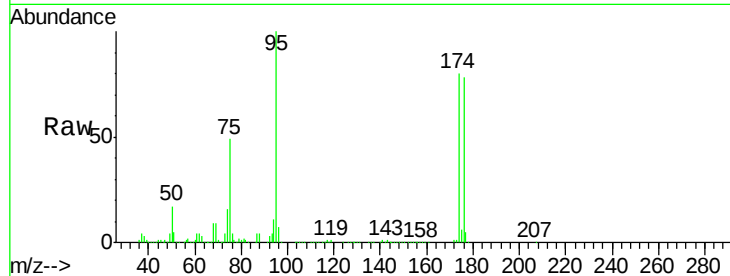




#62
 4-Bromofluorobenzene
 Concen: 46.640 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.00 min
 Lab File: VX019946.D
 Acq: 12 Dec 2020 20:40

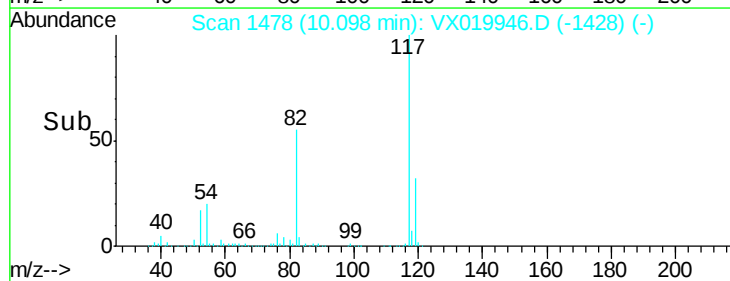
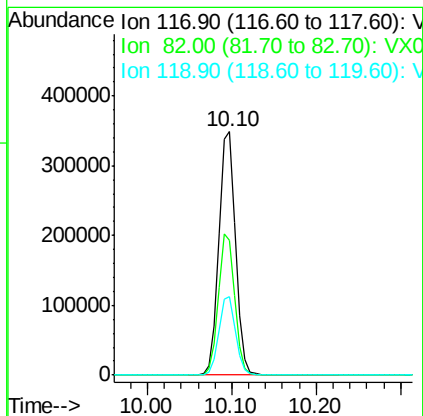
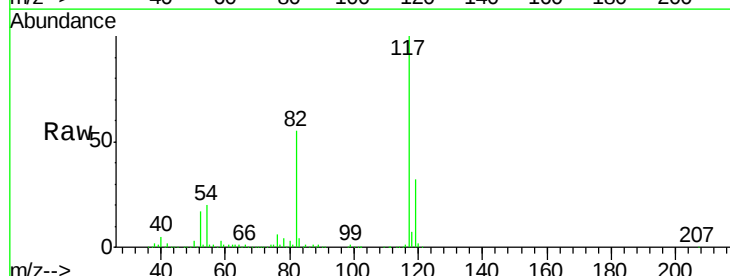
Instrument :
 MSVOA_X
 ClientSampleId :
 TR3-C-TOP

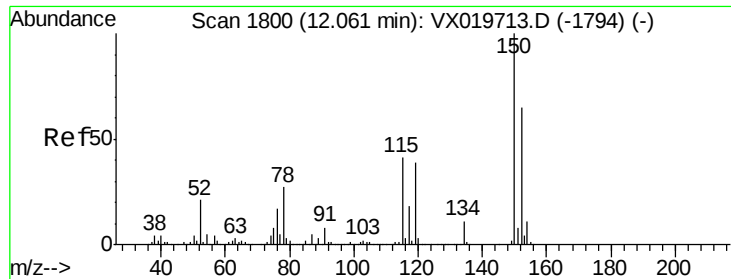
Tot Ion: 95 Resp: 220961
 Ion Ratio Lower Upper
 95 100
 174 77.8 0.0 154.6
 176 74.3 0.0 155.8



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.10 min Scan# 1478
 Delta R.T. 0.01 min
 Lab File: VX019946.D
 Acq: 12 Dec 2020 20:40

Tgt Ion: 117 Resp: 480450
 Ion Ratio Lower Upper
 117 100
 82 55.3 47.4 71.2
 119 32.0 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: VX019946.D

Acq: 12 Dec 2020 20:40

Instrument :

MSVOA_X

ClientSampleId :

TR3-C-TOP

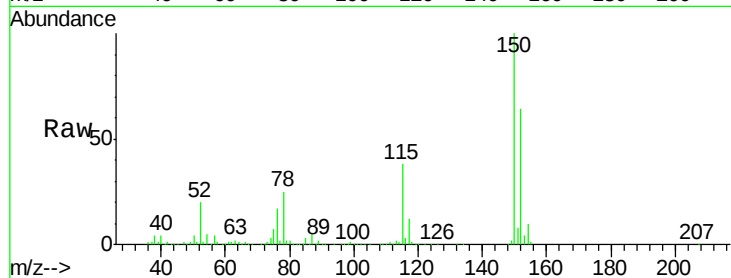
Tot Ion:152 Resp: 206562

Ion Ratio Lower Upper

152 100

115 60.0 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

