

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121220\
 Data File : VX019948.D
 Acq On : 12 Dec 2020 21:27
 Operator : JC/MD
 Sample : L4984-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TR3-D-TOP

Quant Time: Dec 14 08:48:37 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	301621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	508639	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	472318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	189499	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	195248	49.25	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery	=	98.50%	
35) Dibromofluoromethane	5.46	113	157701	47.97	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery	=	95.94%	
50) Toluene-d8	8.70	98	637113	50.77	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery	=	101.54%	
62) 4-Bromofluorobenzene	11.12	95	211127	44.20	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery	=	88.40%	

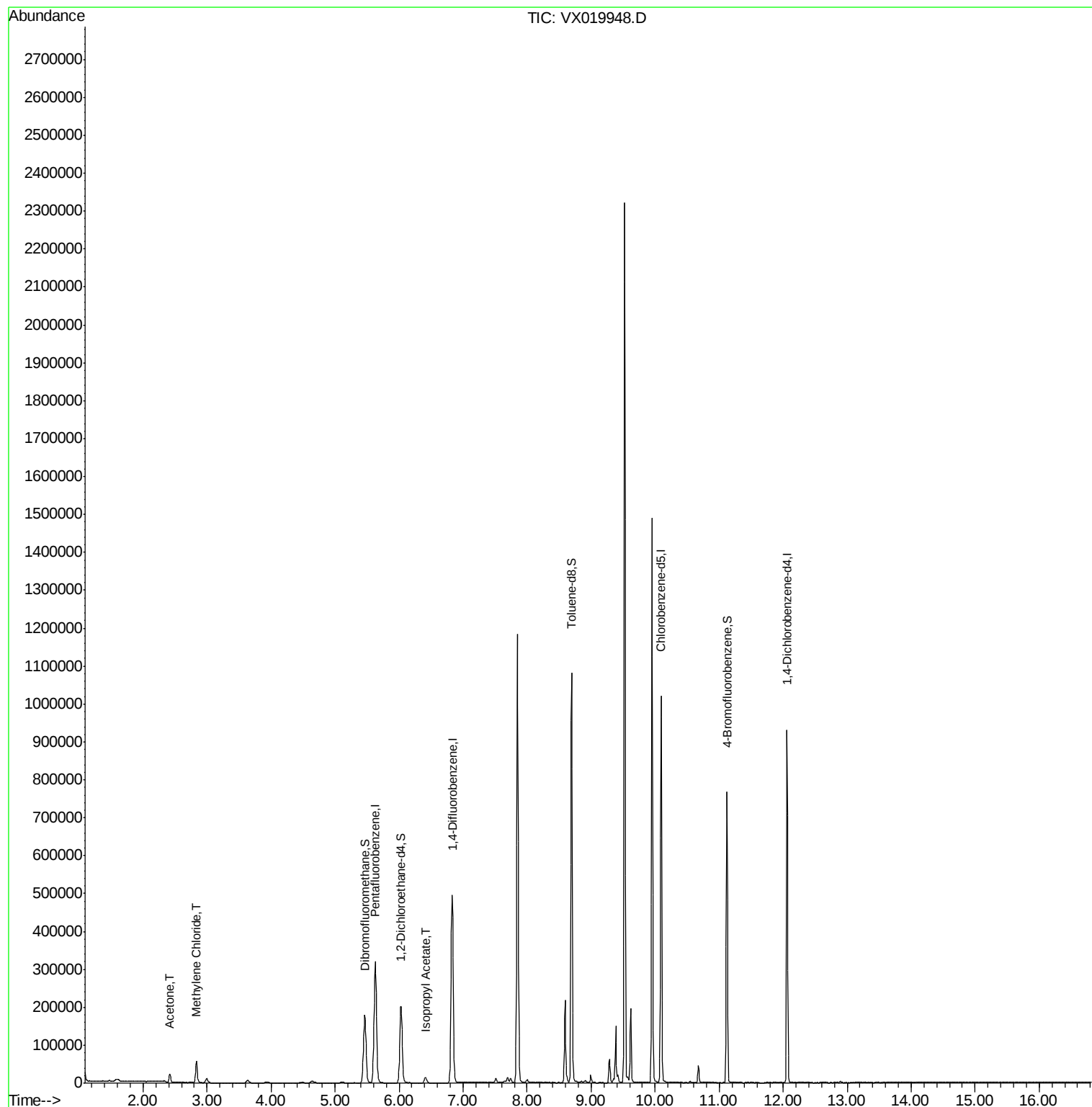
Target Compounds					Qvalue
16) Acetone	2.42	43	23745	15.936 ug/l	97
20) Methylene Chloride	2.83	84	27357	6.814 ug/l	95
43) Isopropyl Acetate	6.41	43	19147	2.538 ug/l	99

(#) = 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: VX019948.D

Acq: 12 Dec 2020 21:27

Instrument :

MSVOA_X

ClientSampleId :

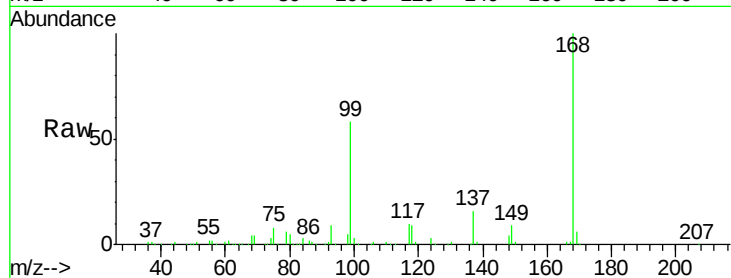
TR3-D-TOP

Tot Ion:168 Resp: 301621

Ion Ratio Lower Upper

168 100

99 57.9 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

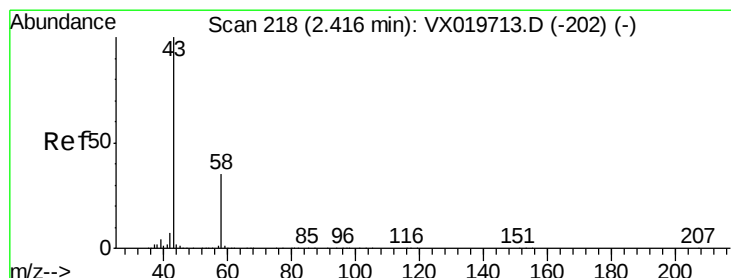
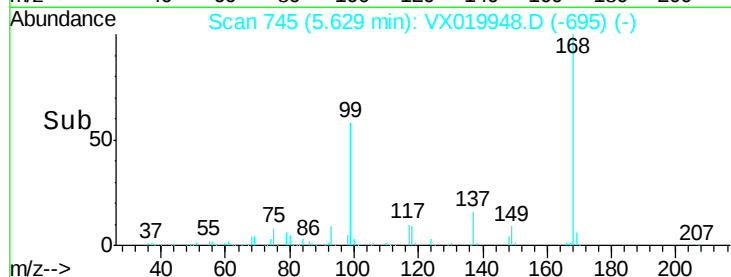
40000

20000

0

Time-->

5.50 5.60 5.70



#16

Acetone

Concen: 15.936 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019948.D

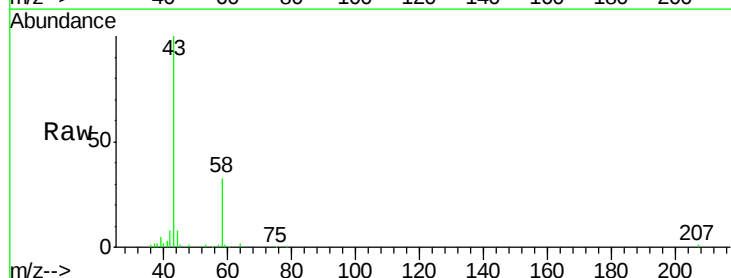
Acq: 12 Dec 2020 21:27

Tgt Ion: 43 Resp: 23745

Ion Ratio Lower Upper

43 100

58 32.9 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

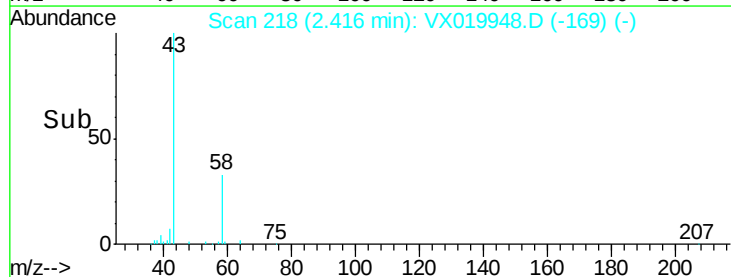
10000

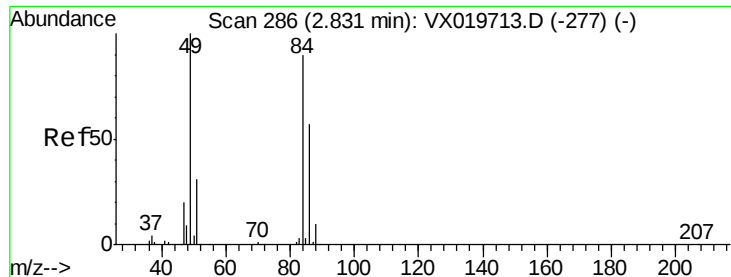
5000

0

Time-->

2.35 2.40 2.45 2.50

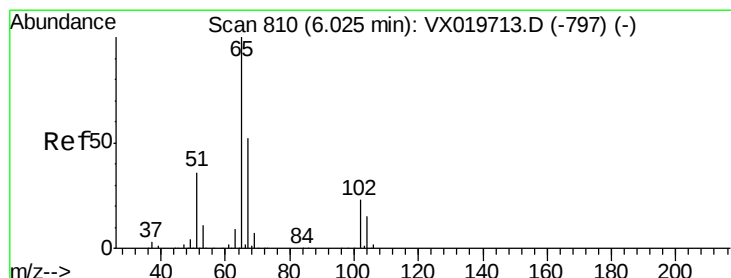
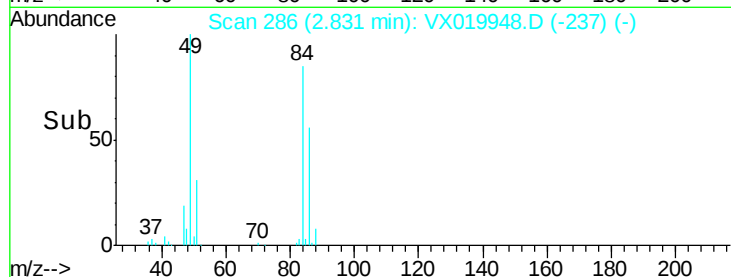
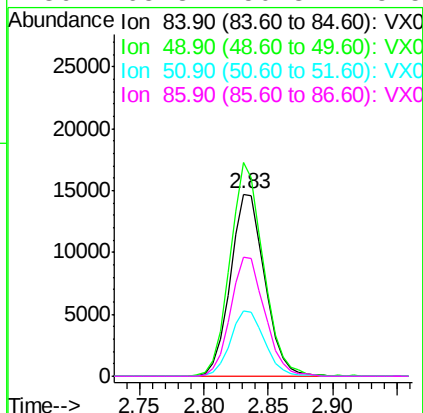
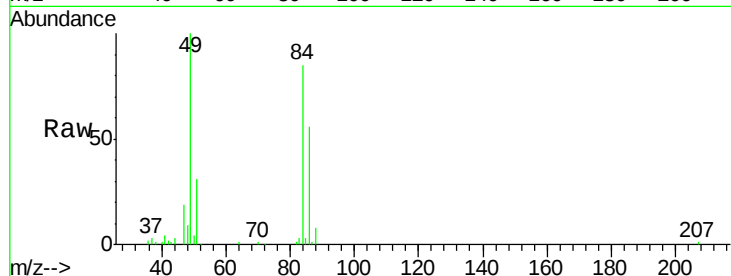




#20
Methvlene Chloride
Concen: 6.814 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019948.D
Acq: 12 Dec 2020 21:27

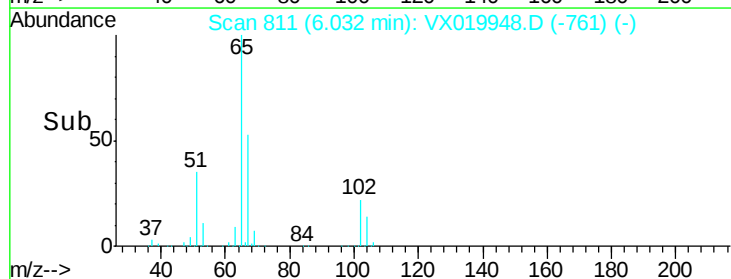
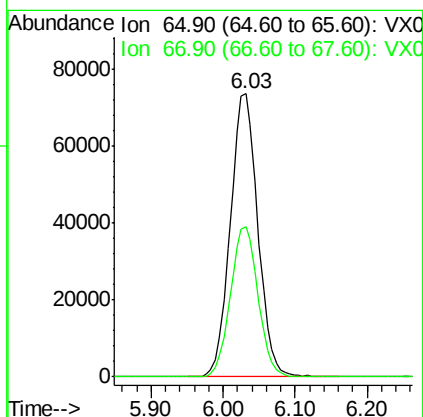
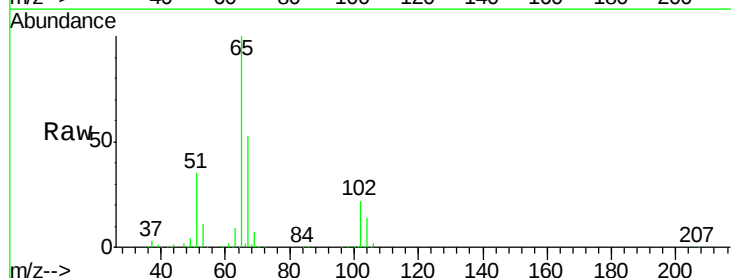
Instrument :
MSVOA_X
ClientSampled :
TR3-D-TOP

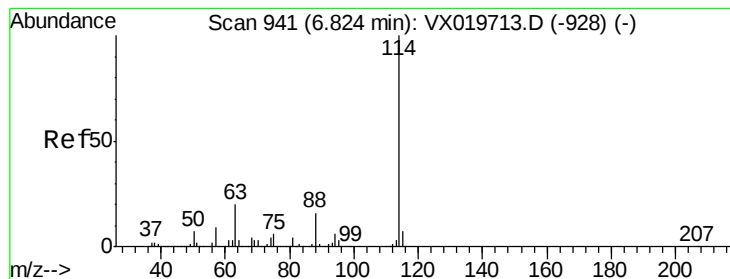
Tot Ion:	84	Resp:	27357
Ion	Ratio	Lower	Upper
84	100		
49	117.4	88.6	132.8
51	35.9	27.0	40.6
86	65.3	50.3	75.5



#33
1,2-Dichloroethane-d4
Concen: 49.253 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX019948.D
Acq: 12 Dec 2020 21:27

Tgt Ion:	65	Resp:	195248
Ion	Ratio	Lower	Upper
65	100		
67	53.1	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: VX019948.D

Acq: 12 Dec 2020 21:27

Instrument :

MSVOA_X

ClientSampleId :

TR3-D-TOP

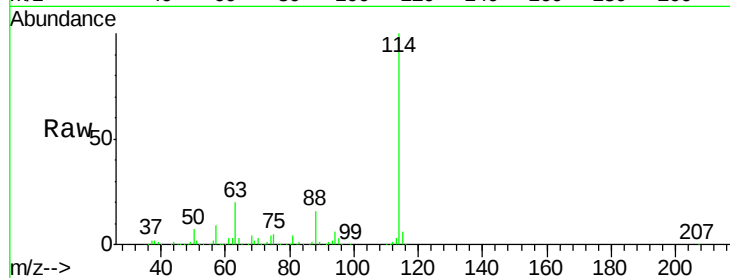
Tot Ion:114 Resp: 508639

Ion Ratio Lower Upper

114 100

63 20.3 0.0 40.8

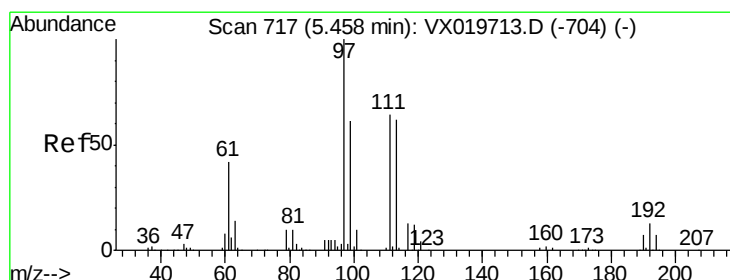
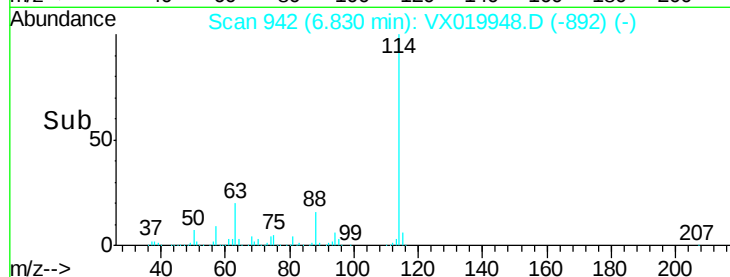
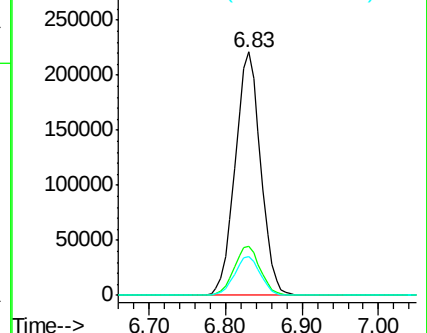
88 15.8 0.0 32.8



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: 47.973 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019948.D

Acq: 12 Dec 2020 21:27

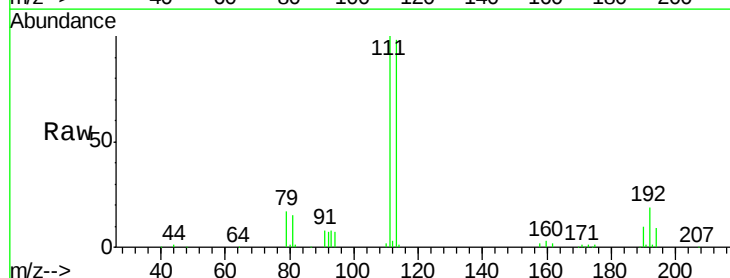
Tgt Ion:113 Resp: 157701

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

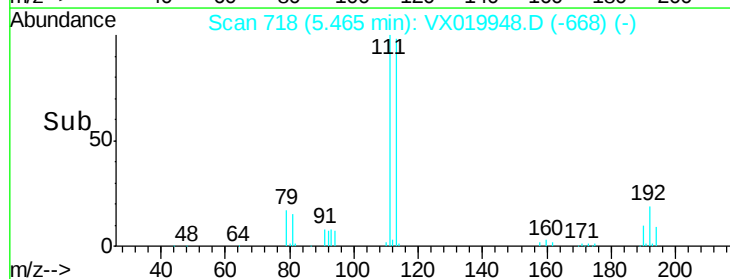
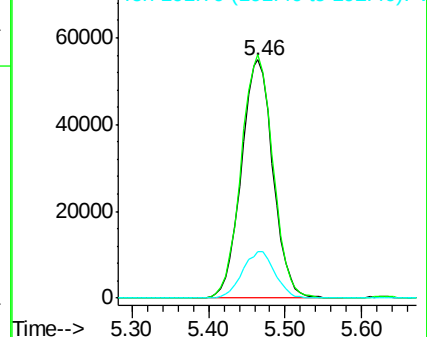
192 20.0 16.7 25.1

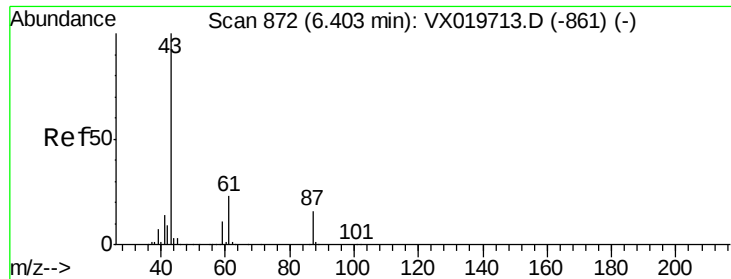


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.538 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019948.D

Acq: 12 Dec 2020 21:27

Instrument :

MSVOA_X

ClientSampleId :

TR3-D-TOP

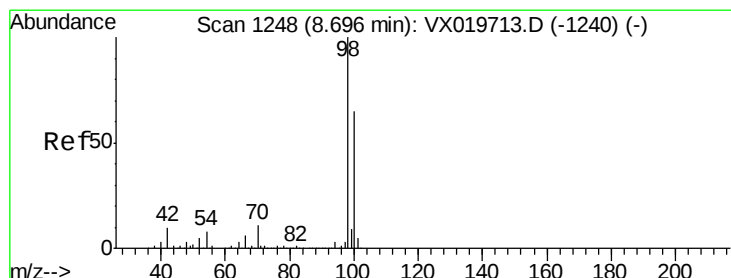
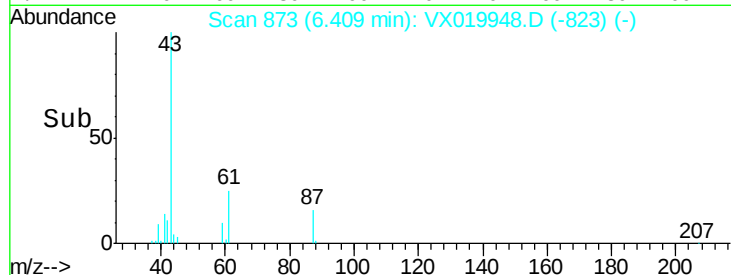
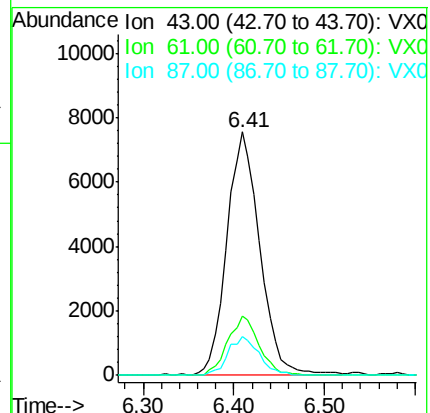
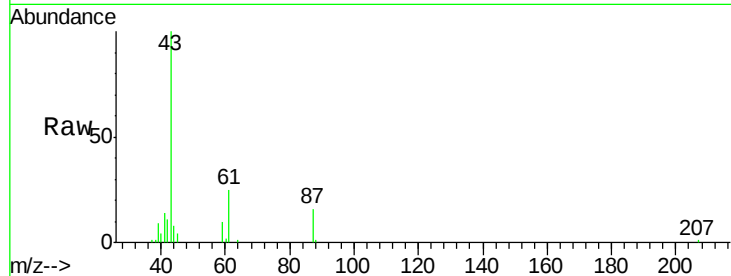
Tot Ion: 43 Resp: 19147

Ion Ratio Lower Upper

43 100

61 22.9 18.2 27.4

87 14.9 12.5 18.7



#50

Toluene-d8

Concen: 50.766 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019948.D

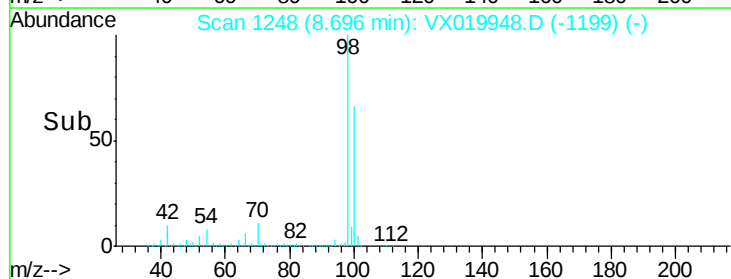
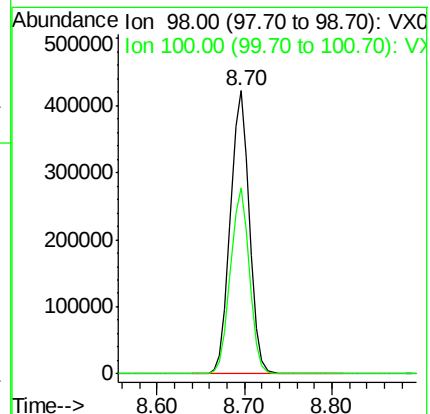
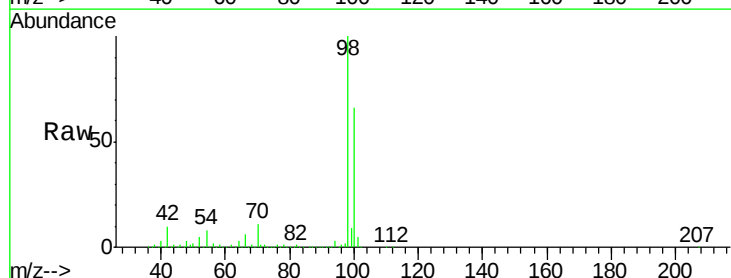
Acq: 12 Dec 2020 21:27

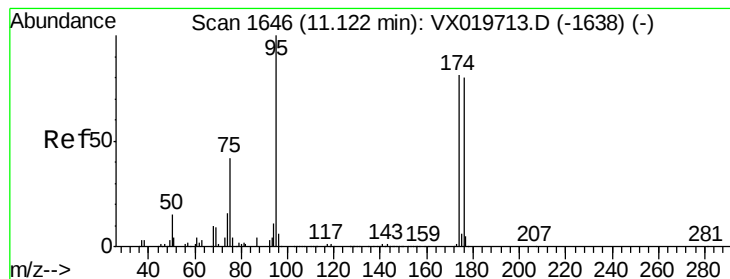
Tgt Ion: 98 Resp: 637113

Ion Ratio Lower Upper

98 100

100 65.3 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 44.200 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019948.D

Acq: 12 Dec 2020 21:27

Instrument :

MSVOA_X

ClientSampleId :

TR3-D-TOP

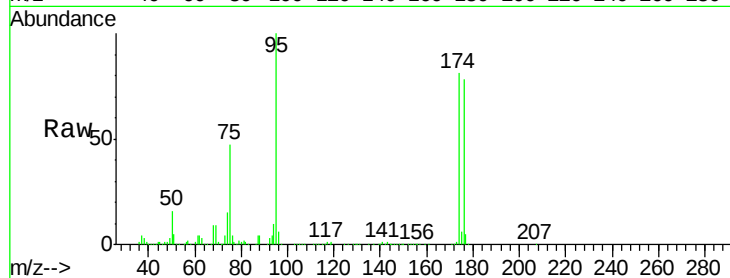
Tot Ion: 95 Resp: 211127

Ion Ratio Lower Upper

95 100

174 78.1 0.0 154.6

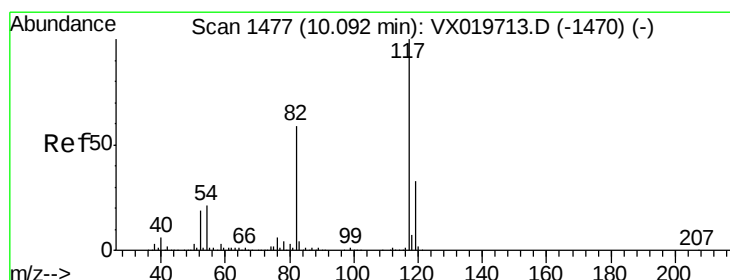
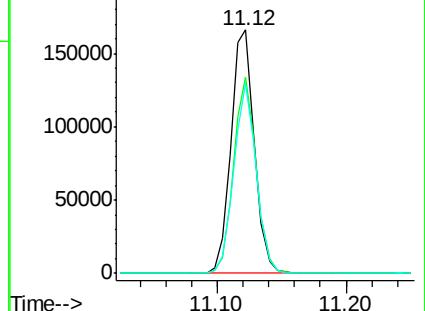
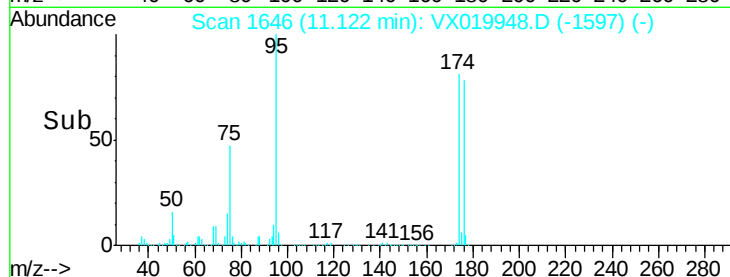
176 75.0 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX019948.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX019948.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX019948.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. 0.00 min

Lab File: VX019948.D

Acq: 12 Dec 2020 21:27

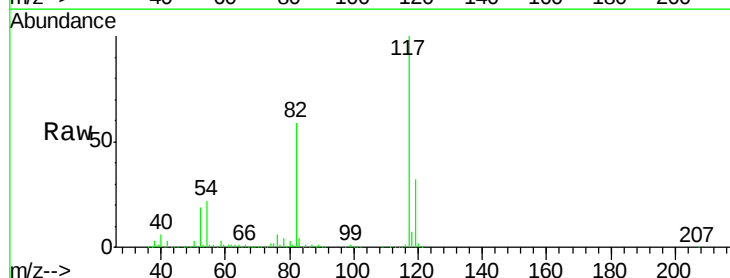
Tgt Ion: 117 Resp: 472318

Ion Ratio Lower Upper

117 100

82 59.3 47.4 71.2

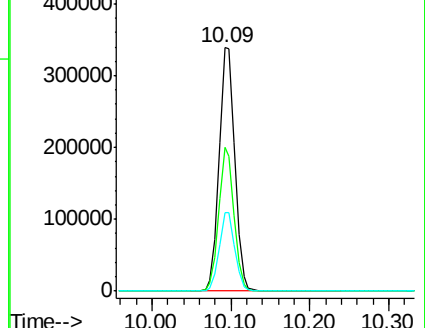
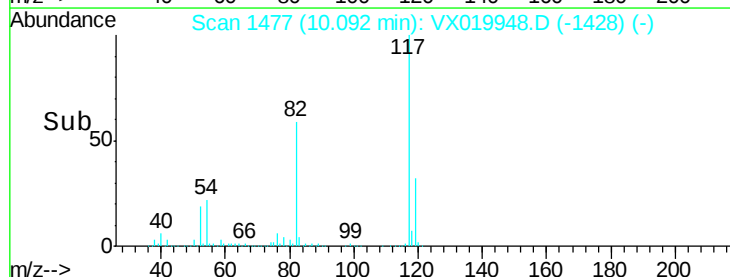
119 32.1 26.6 39.8

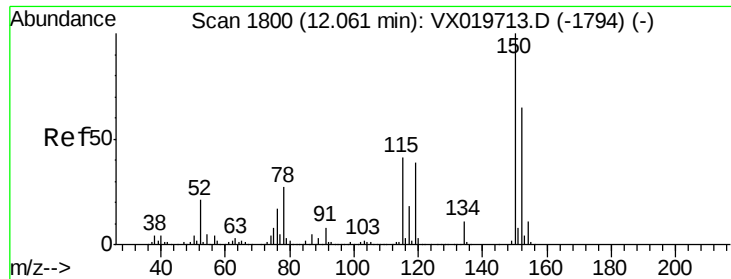


Abundance Ion 116.90 (116.60 to 117.60): VX019948.D (-1428) (-)

Ion 82.00 (81.70 to 82.70): VX019948.D (-1428) (-)

Ion 118.90 (118.60 to 119.60): VX019948.D (-1428) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019948.D

Acq: 12 Dec 2020 21:27

Instrument :

MSVOA_X

ClientSampleId :

TR3-D-TOP

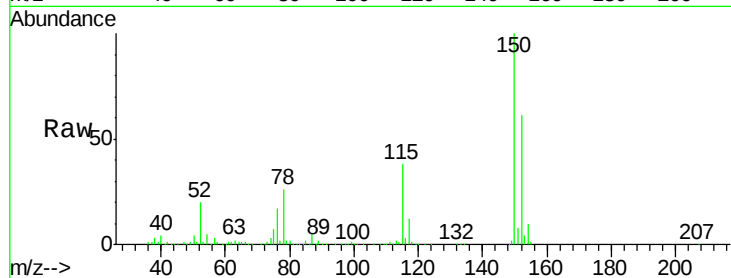
Tot Ion:152 Resp: 189499

Ion Ratio Lower Upper

152 100

115 60.2 41.1 123.3

150 157.9 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

