

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
 Data File : VX019787.D
 Acq On : 09 Dec 2020 18:30
 Operator : JC/MD
 Sample : L4971-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 5S2-A-TOP

Quant Time: Dec 10 06:23:19 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	337629	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	548144	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	506246	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	224328	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	207628	46.79	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.58%
35) Dibromofluoromethane	5.46	113	167235	47.21	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.42%
50) Toluene-d8	8.70	98	670298	49.56	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.12%
62) 4-Bromofluorobenzene	11.12	95	234301	45.52	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.04%

Target Compounds

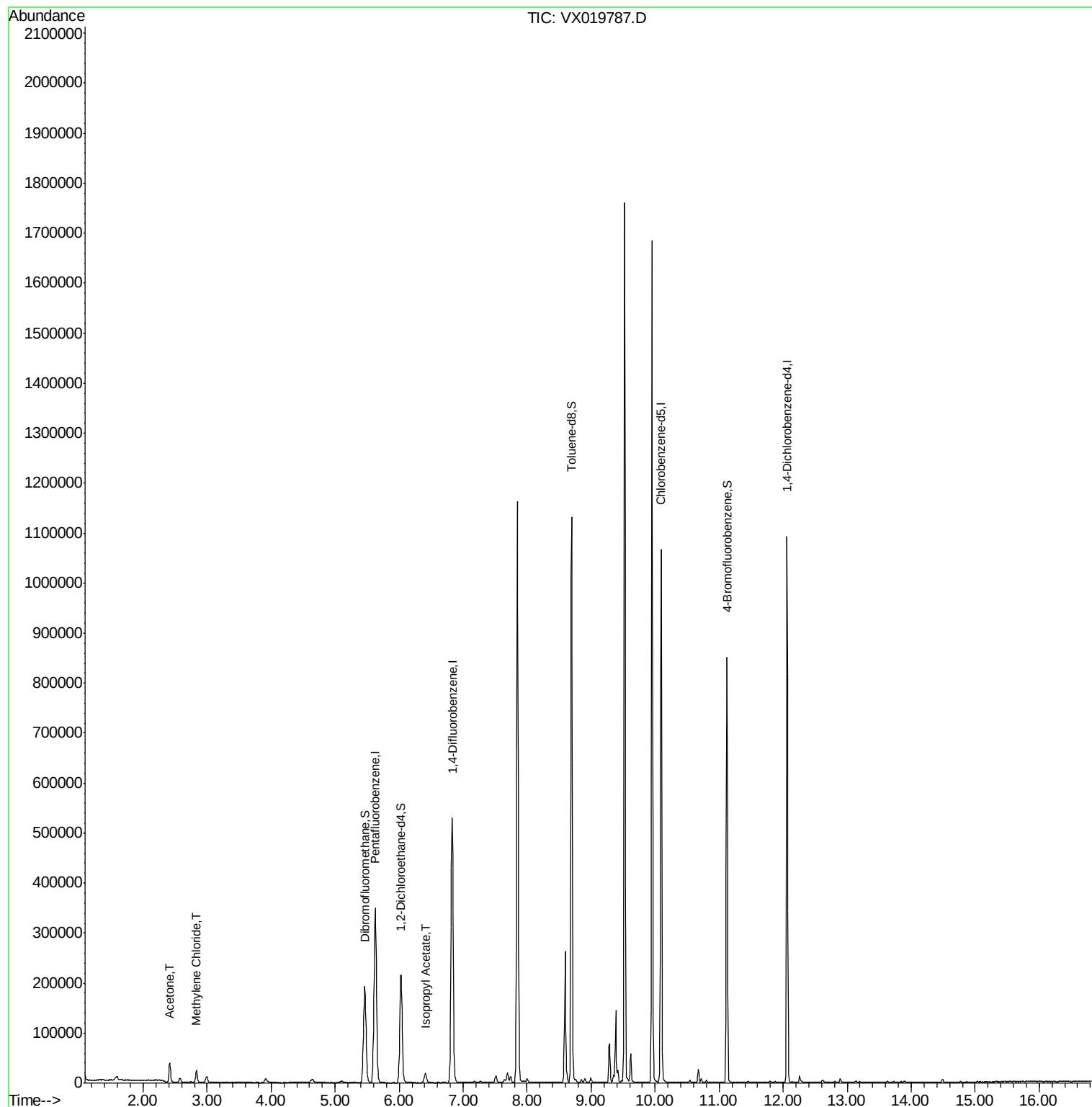
					Qvalue
16) Acetone	2.42	43	38781	23.251	ug/l 99
20) Methylene Chloride	2.83	84	11667	1.690	ug/l 95
43) Isopropyl Acetate	6.41	43	25686	3.159	ug/l 97

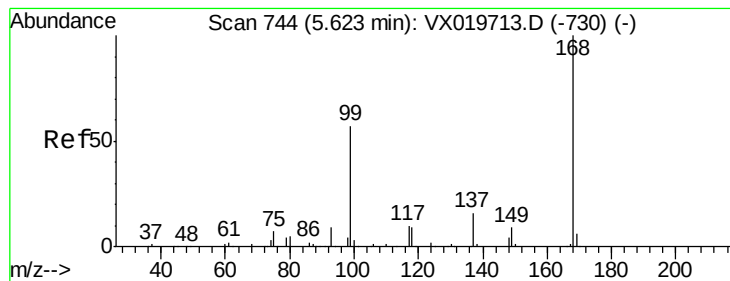
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX019787.D

Acq: 09 Dec 2020 18:30

Instrument :

MSVOA_X

ClientSampleId :

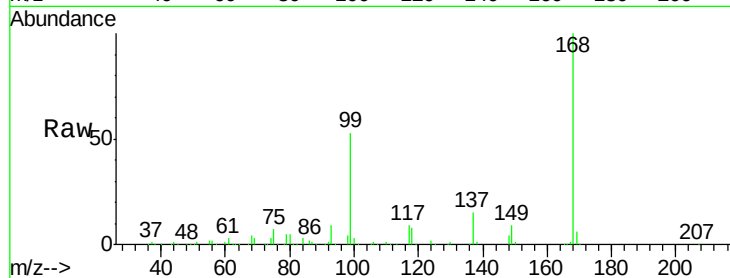
5S2-A-TOP

Tot Ion:168 Resp: 337629

Ion Ratio Lower Upper

168 100

99 53.4 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

150000

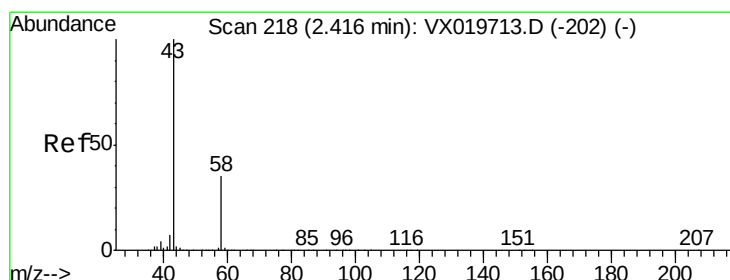
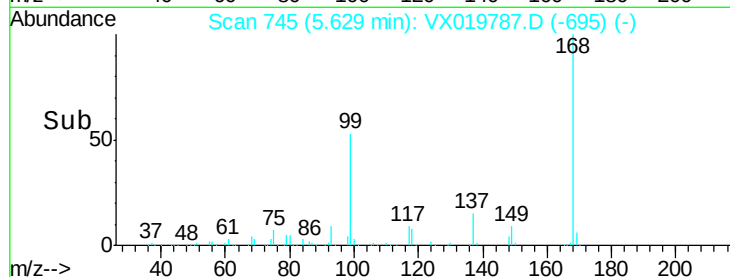
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 23.251 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019787.D

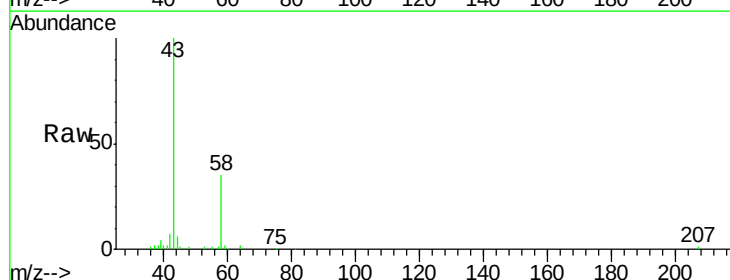
Acq: 09 Dec 2020 18:30

Tgt Ion: 43 Resp: 38781

Ion Ratio Lower Upper

43 100

58 35.3 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

25000

20000

15000

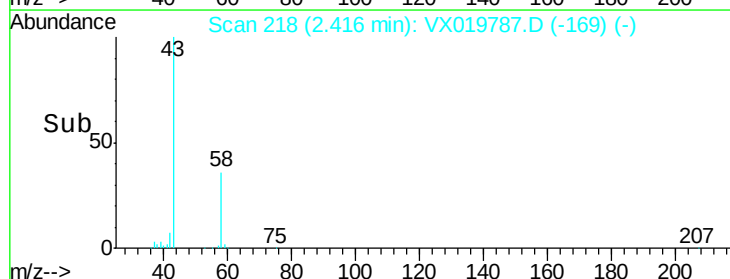
10000

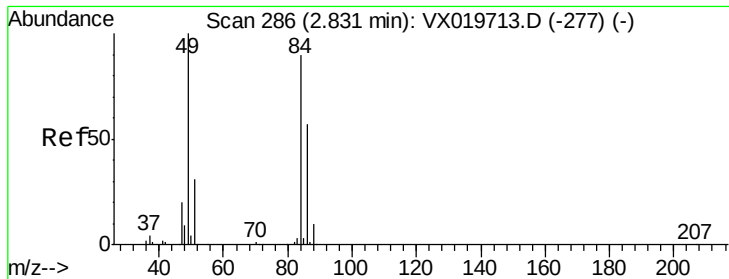
5000

0

Time-->

2.35 2.40 2.45 2.50

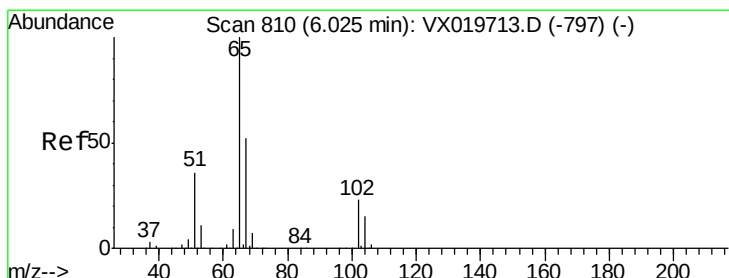
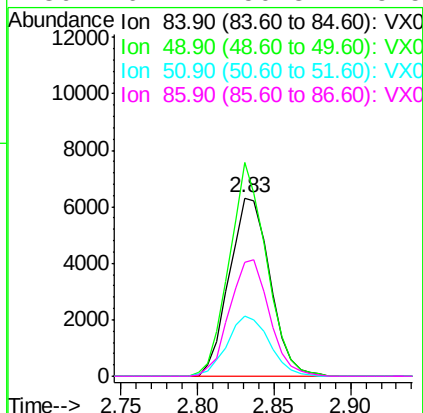
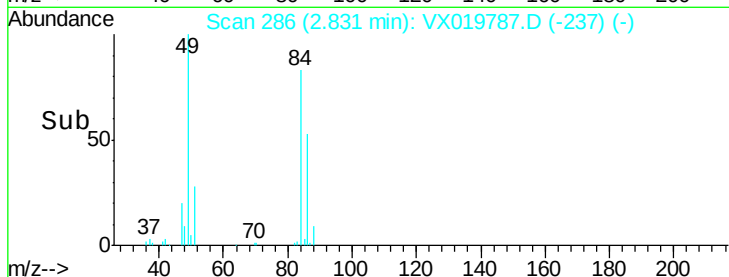
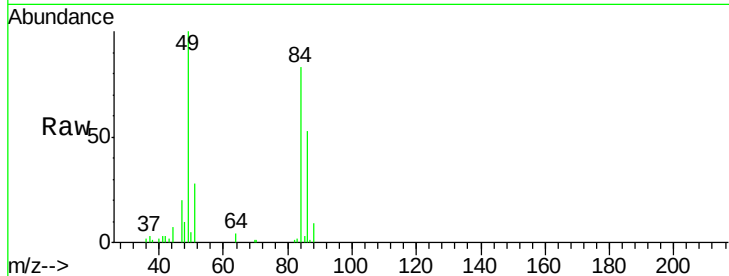




#20
Methylene Chloride
Concen: 1.690 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019787.D
Acq: 09 Dec 2020 18:30

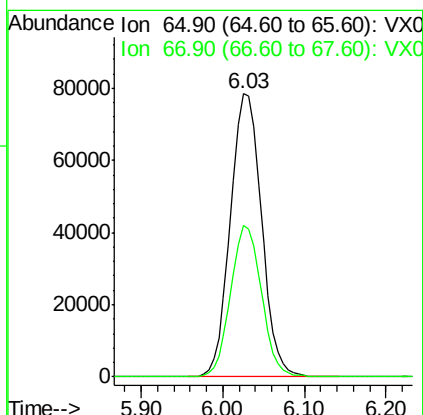
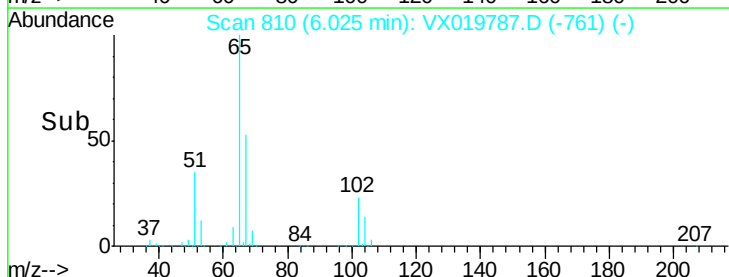
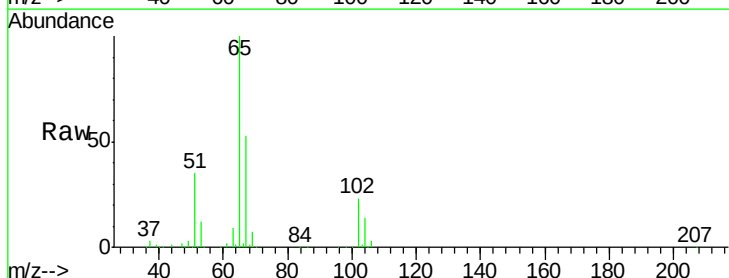
Instrument :
MSVOA_X
ClientSampleId :
5S2-A-TOP

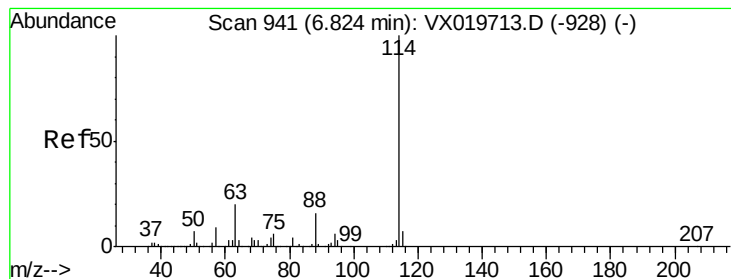
Tot Ion:	84	Resp:	11667
Ion	Ratio	Lower	Upper
84	100		
49	120.0	88.6	132.8
51	33.6	27.0	40.6
86	64.1	50.3	75.5



#33
1,2-Dichloroethane-d4
Concen: 46.790 ug/l
RT: 6.03 min Scan# 810
Delta R.T. 0.00 min
Lab File: VX019787.D
Acq: 09 Dec 2020 18:30

Tgt Ion:	65	Resp:	207628
Ion	Ratio	Lower	Upper
65	100		
67	52.7	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: VX019787.D

Acq: 09 Dec 2020 18:30

Instrument :

MSVOA_X

ClientSampleId :

5S2-A-TOP

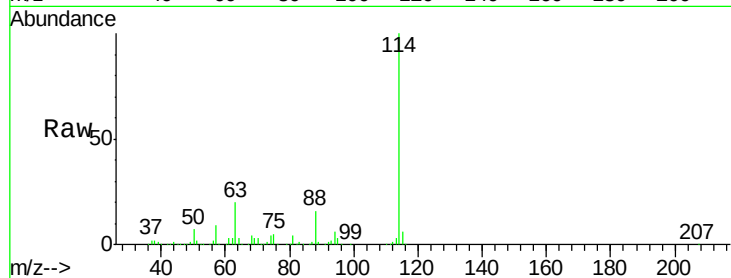
Tot Ion:114 Resp: 548144

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

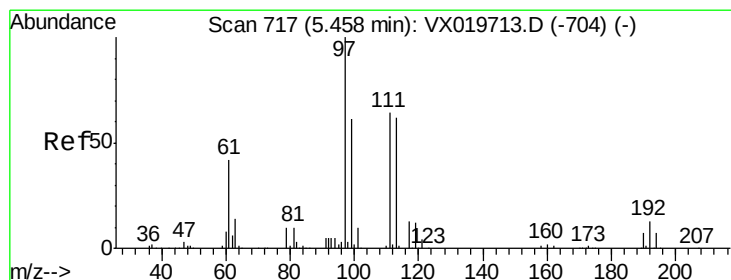
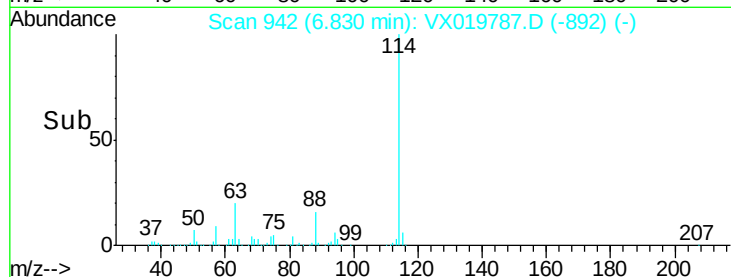
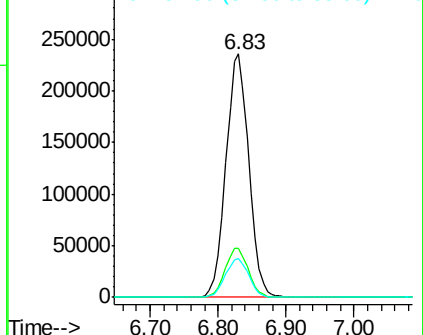
88 15.9 0.0 32.8



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: 47.207 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019787.D

Acq: 09 Dec 2020 18:30

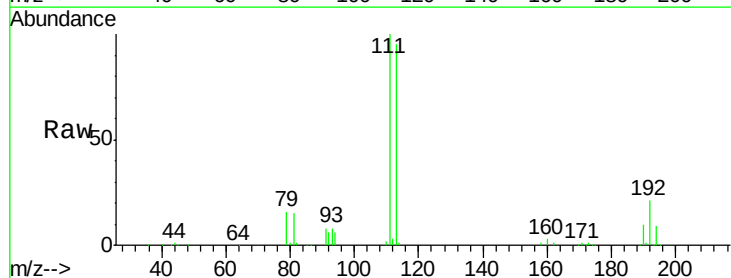
Tgt Ion:113 Resp: 167235

Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

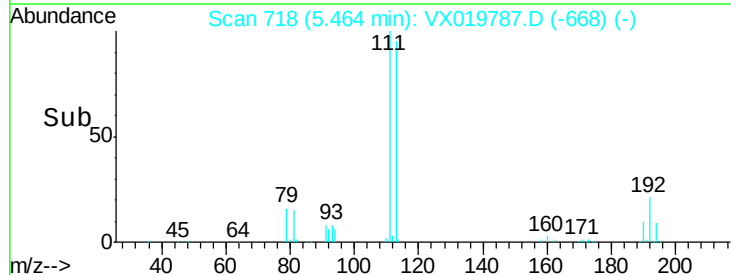
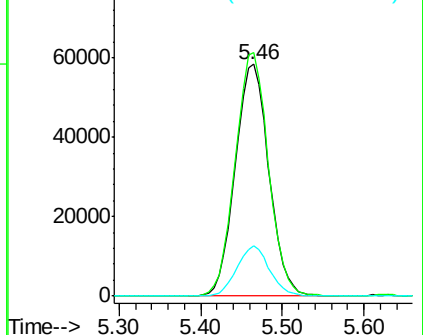
192 20.8 16.7 25.1

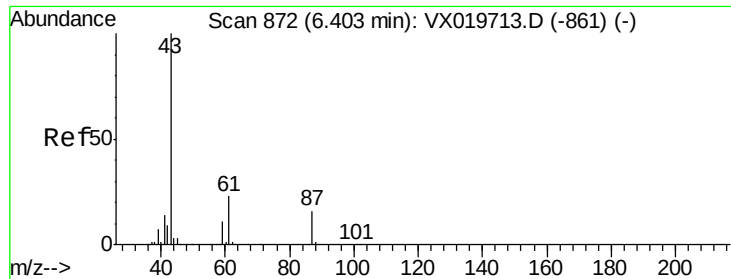


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.159 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019787.D

Acq: 09 Dec 2020 18:30

Instrument :

MSVOA_X

ClientSampled :

5S2-A-TOP

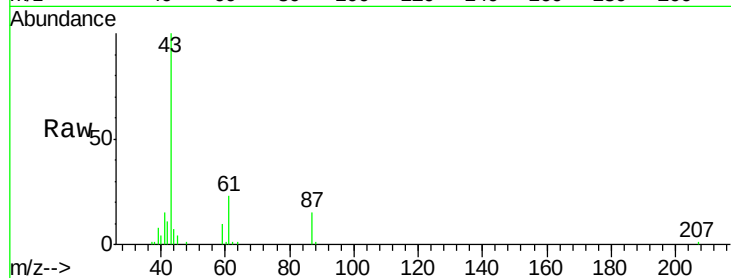
Tot Ion: 43 Resp: 25686

Ion Ratio Lower Upper

43 100

61 21.4 18.2 27.4

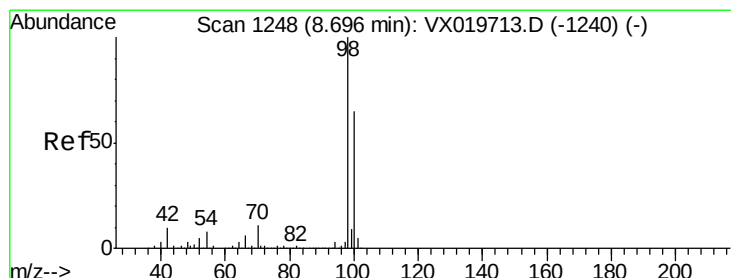
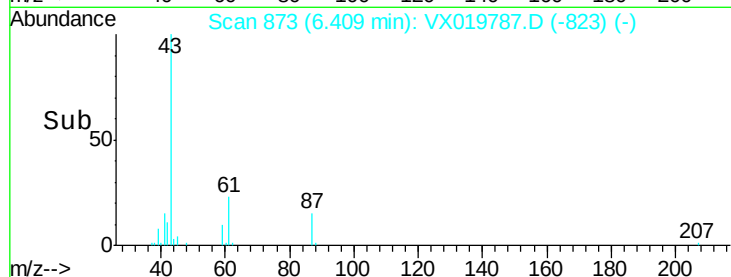
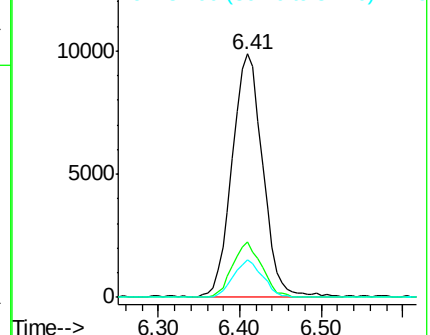
87 14.4 12.5 18.7



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: 49.561 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019787.D

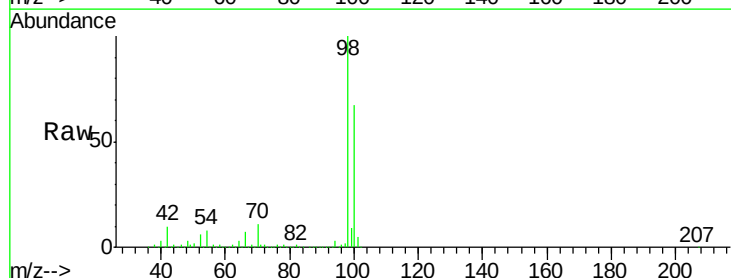
Acq: 09 Dec 2020 18:30

Tgt Ion: 98 Resp: 670298

Ion Ratio Lower Upper

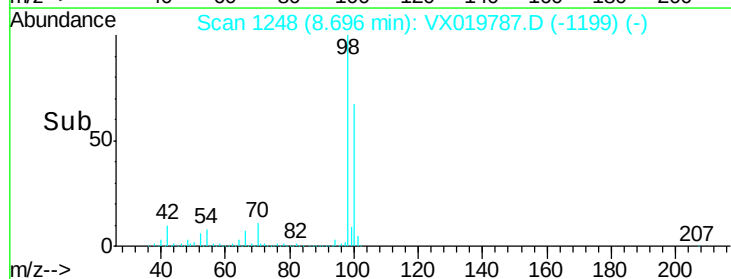
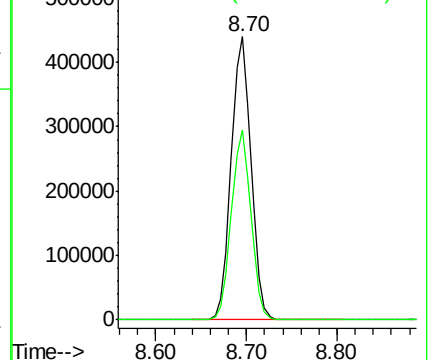
98 100

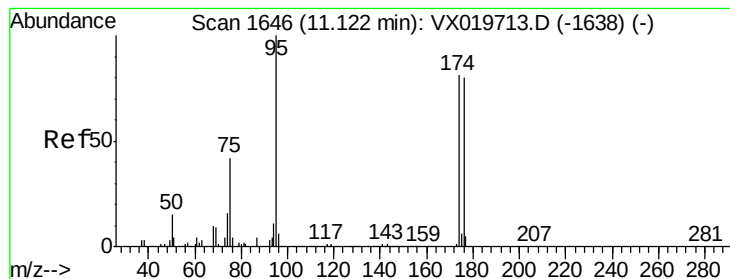
100 66.0 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.516 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019787.D

Acq: 09 Dec 2020 18:30

Instrument :

MSVOA_X

ClientSampleId :

5S2-A-TOP

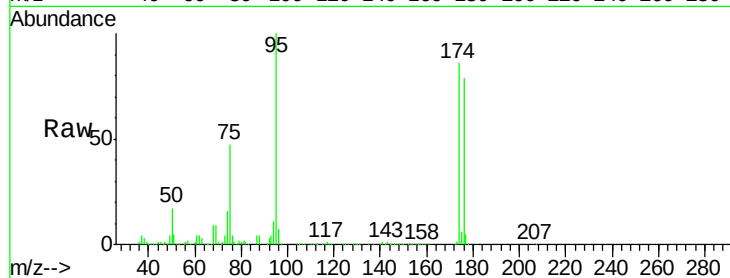
Tot Ion: 95 Resp: 234301

Ion Ratio Lower Upper

95 100

174 80.8 0.0 154.6

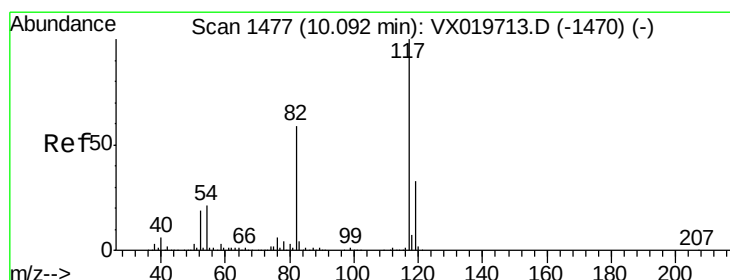
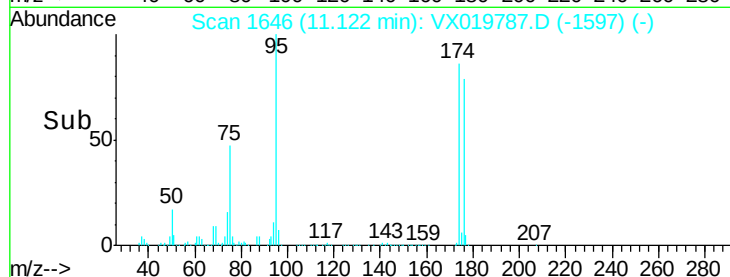
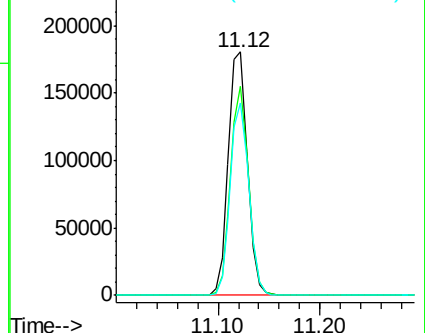
176 76.9 0.0 155.8



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) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.01 min

Lab File: VX019787.D

Acq: 09 Dec 2020 18:30

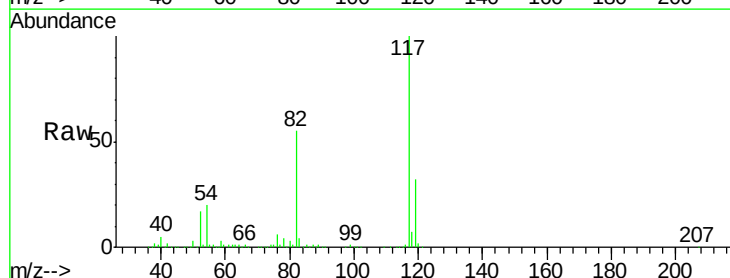
Tgt Ion: 117 Resp: 506246

Ion Ratio Lower Upper

117 100

82 54.9 47.4 71.2

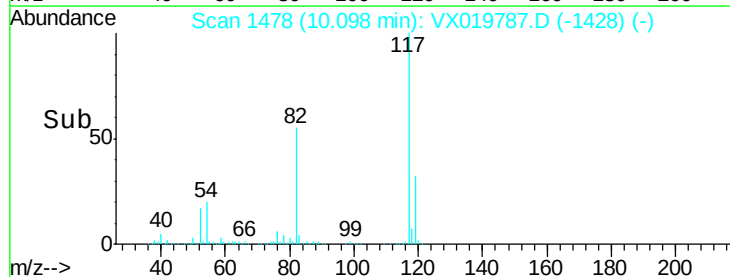
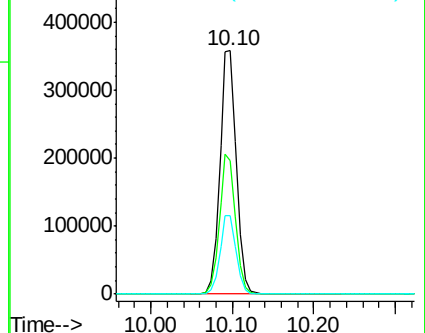
119 32.3 26.6 39.8

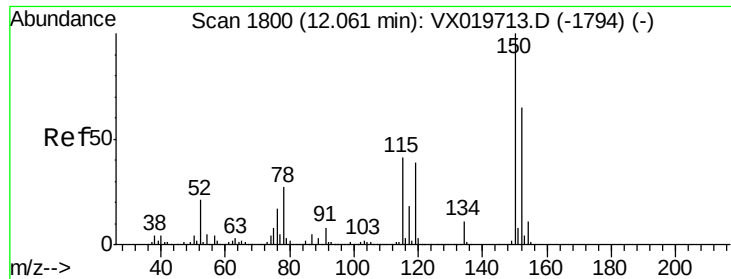


Abundance Ion 116.90 (116.60 to 117.60): VX019713.D (-1470) (-)

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

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





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019787.D

Acq: 09 Dec 2020 18:30

Instrument :

MSVOA_X

ClientSampleId :

5S2-A-TOP

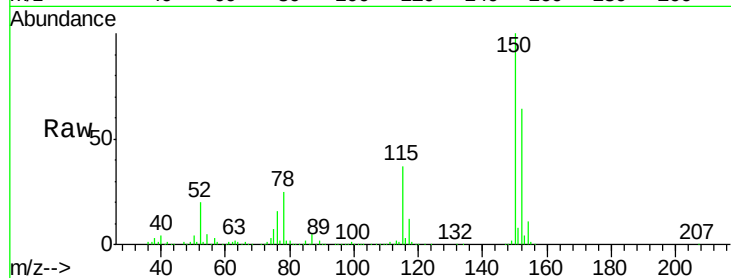
Tot Ion:152 Resp: 224328

Ion Ratio Lower Upper

152 100

115 58.2 41.1 123.3

150 154.8 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

