

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
 Data File : VX019789.D
 Acq On : 09 Dec 2020 19:17
 Operator : JC/MD
 Sample : L4971-16
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 5S2-A-BOTTOM

Quant Time: Dec 10 06:25:45 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	331733	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	549026	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	504535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	219708	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	207168	47.52	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.04%		
35) Dibromofluoromethane	5.46	113	168329	47.44	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.88%		
50) Toluene-d8	8.70	98	670997	49.53	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.06%		
62) 4-Bromofluorobenzene	11.12	95	233327	45.25	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.50%		

Target Compounds

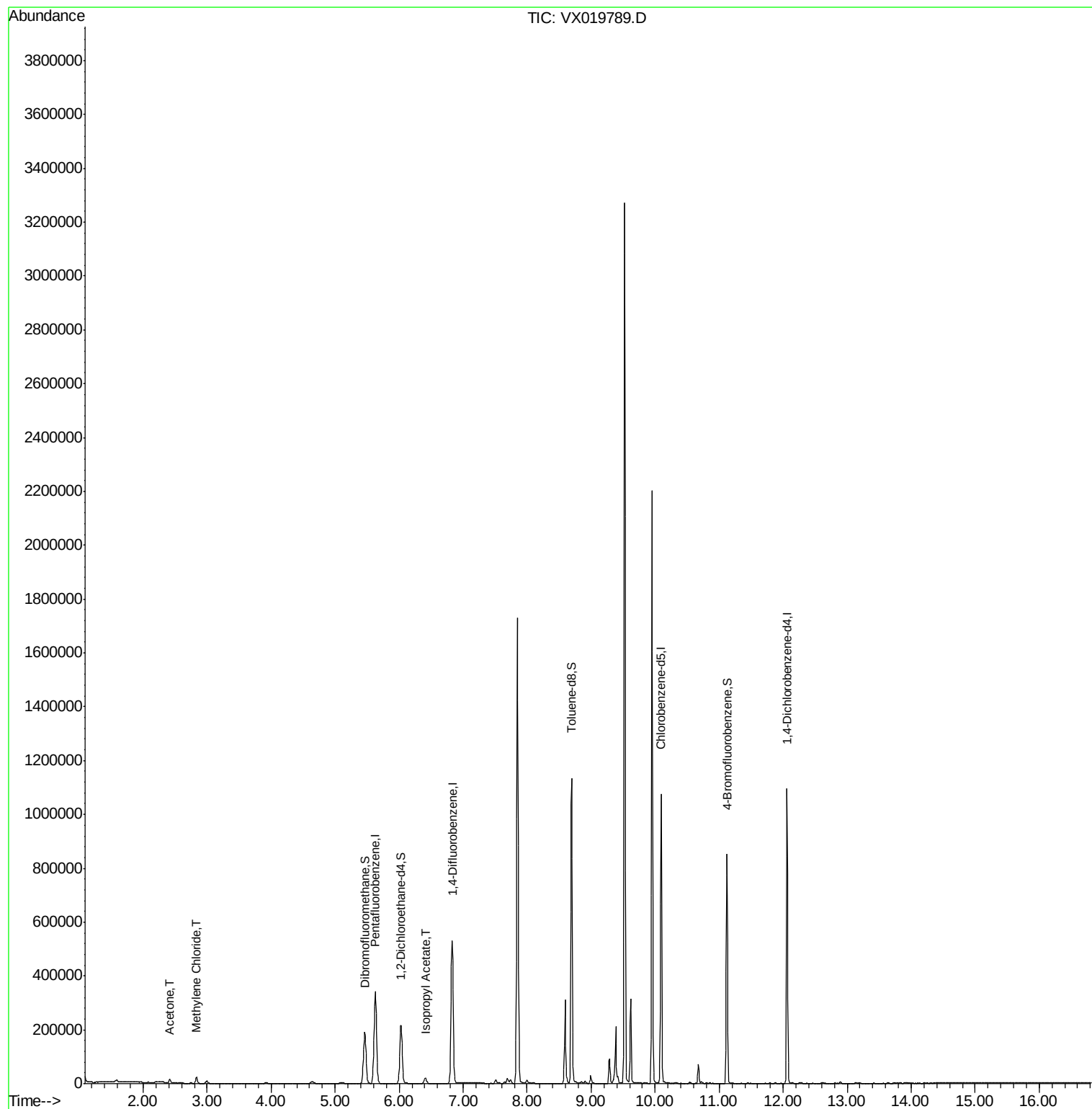
					Qvalue
16) Acetone	2.42	43	13771	8.403	ug/l 100
20) Methylene Chloride	2.84	84	11207	1.619	ug/l 98
43) Isopropyl Acetate	6.41	43	26296	3.229	ug/l 99

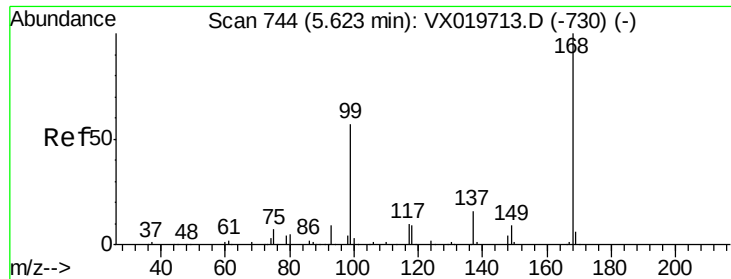
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX019789.D

Acq: 09 Dec 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

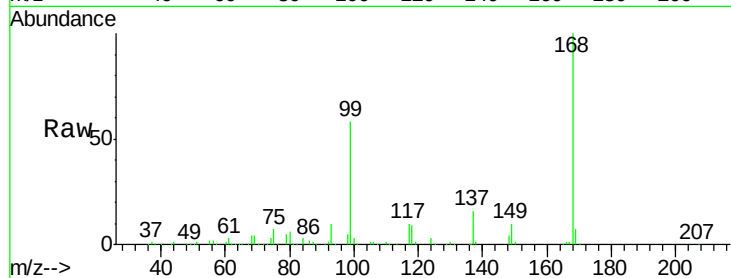
5S2-A-BOTTOM

Tot Ion:168 Resp: 331733

Ion Ratio Lower Upper

168 100

99 58.3 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

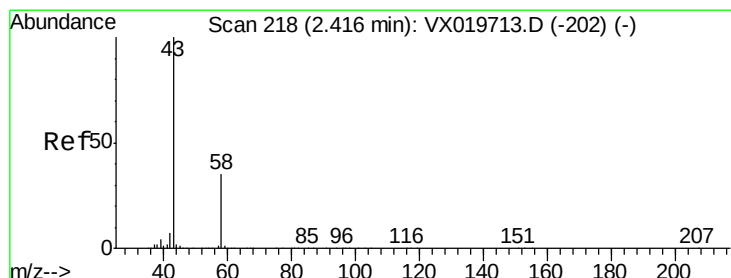
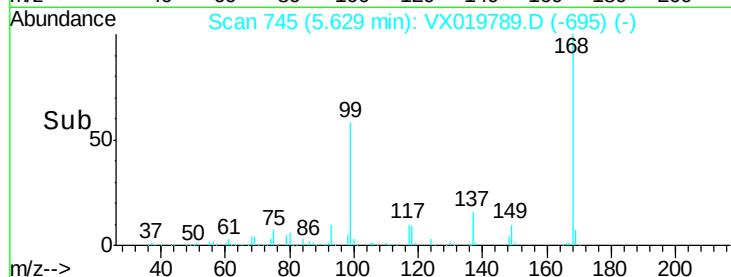
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 8.403 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019789.D

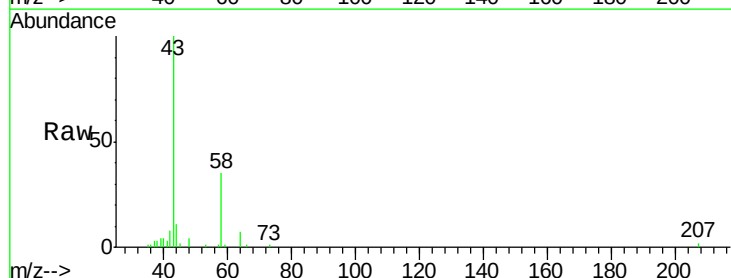
Acq: 09 Dec 2020 19:17

Tgt Ion: 43 Resp: 13771

Ion Ratio Lower Upper

43 100

58 35.1 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

8000

6000

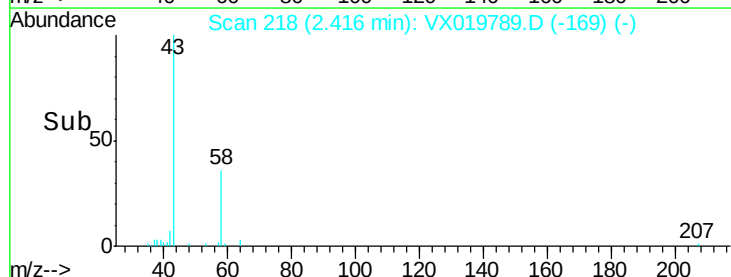
4000

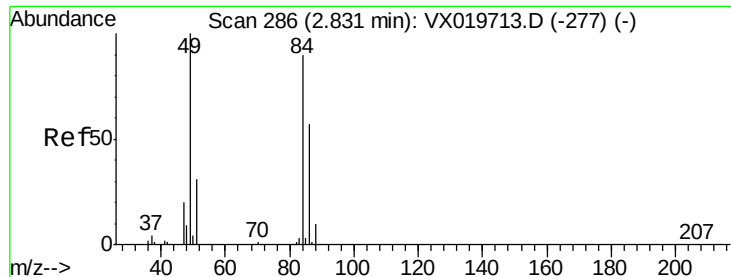
2000

0

Time-->

2.30 2.35 2.40 2.45 2.50

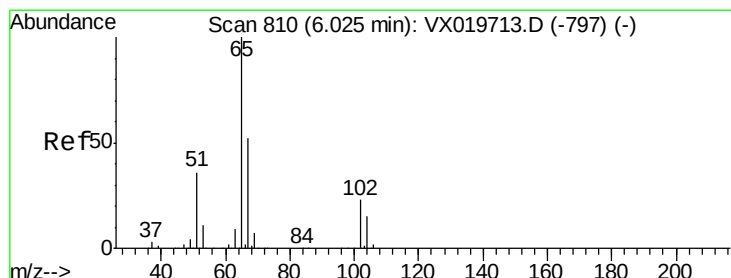
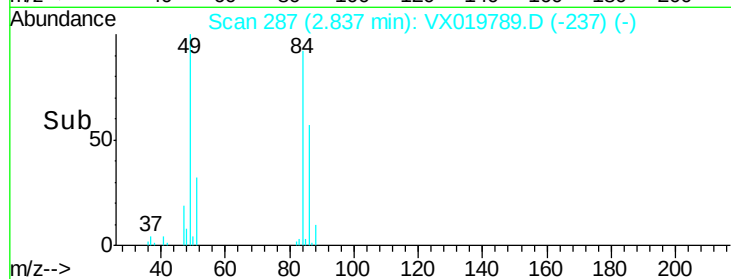
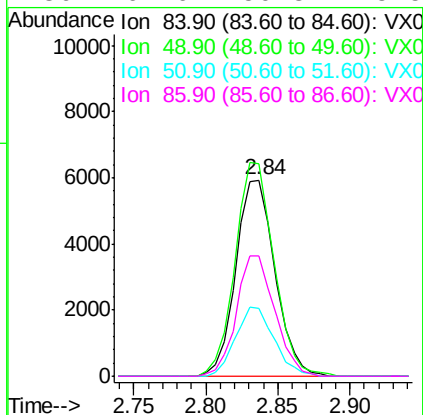
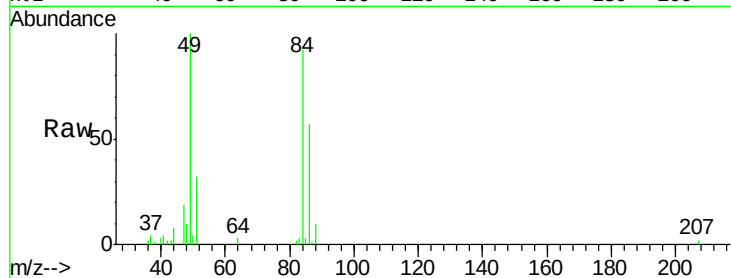




#20
Methylene Chloride
Concen: 1.619 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX019789.D
Acq: 09 Dec 2020 19:17

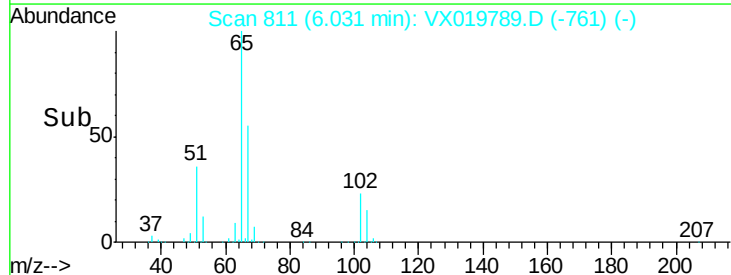
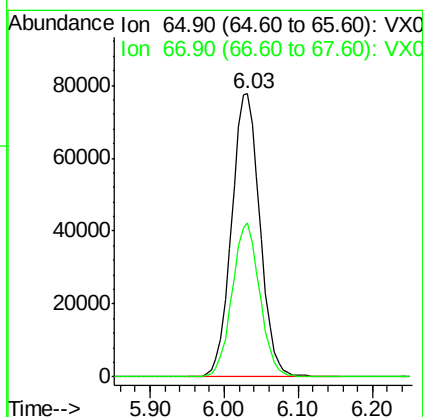
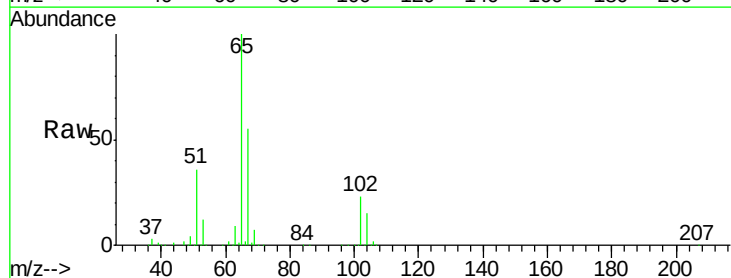
Instrument :
MSVOA_X
ClientSampleId :
5S2-A-BOTTOM

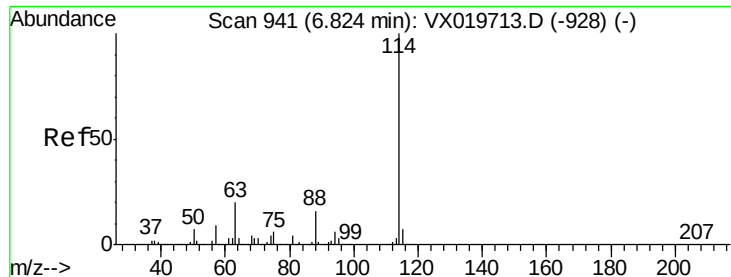
Tot Ion:	84	Resp:	11207
Ion	Ratio	Lower	Upper
84	100		
49	108.3	88.6	132.8
51	34.5	27.0	40.6
86	61.6	50.3	75.5



#33
1,2-Dichloroethane-d4
Concen: 47.516 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX019789.D
Acq: 09 Dec 2020 19:17

Tgt Ion:	65	Resp:	207168
Ion	Ratio	Lower	Upper
65	100		
67	53.2	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: VX019789.D

Acq: 09 Dec 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

5S2-A-BOTTOM

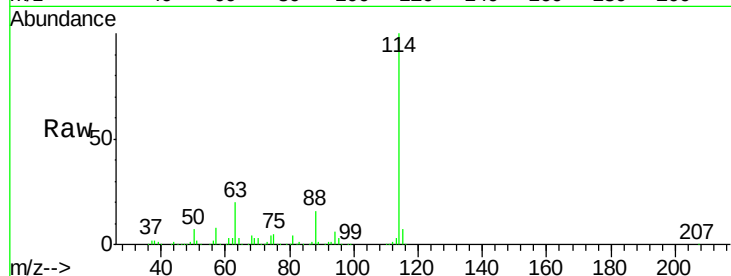
Tot Ion:114 Resp: 549026

Ion Ratio Lower Upper

114 100

63 19.7 0.0 40.8

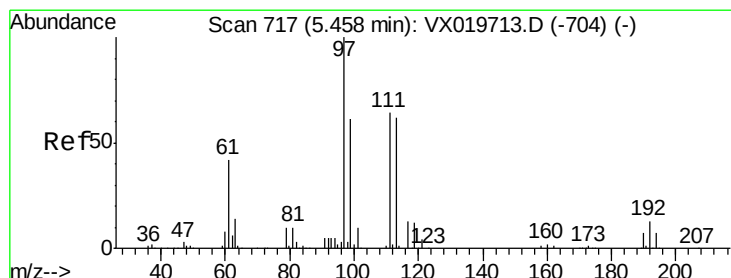
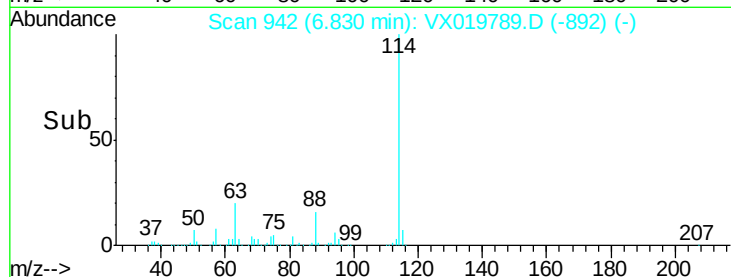
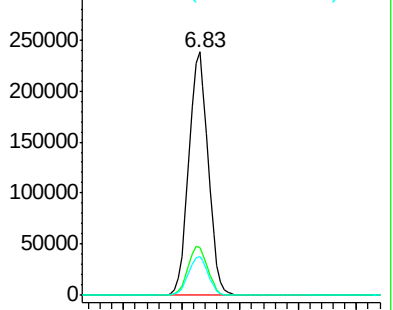
88 16.1 0.0 32.8



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: 47.440 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019789.D

Acq: 09 Dec 2020 19:17

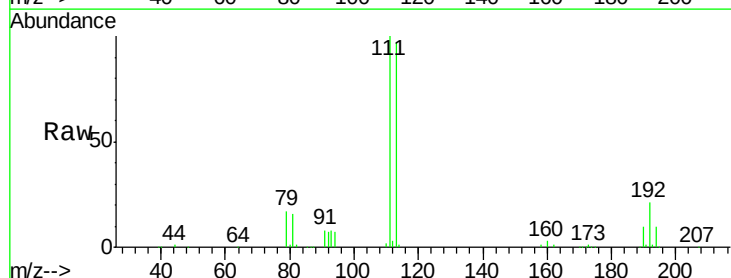
Tgt Ion:113 Resp: 168329

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

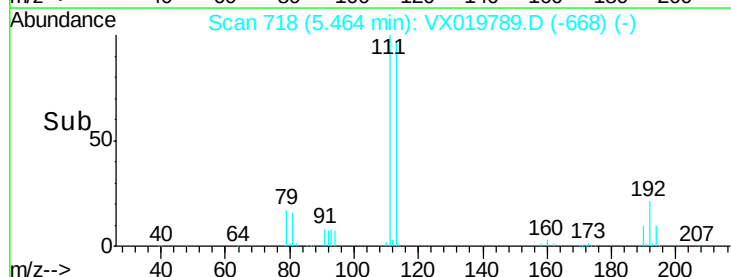
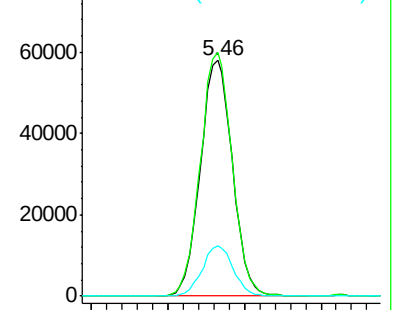
192 20.6 16.7 25.1

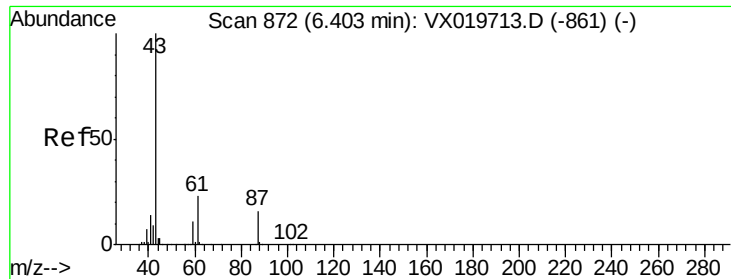


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

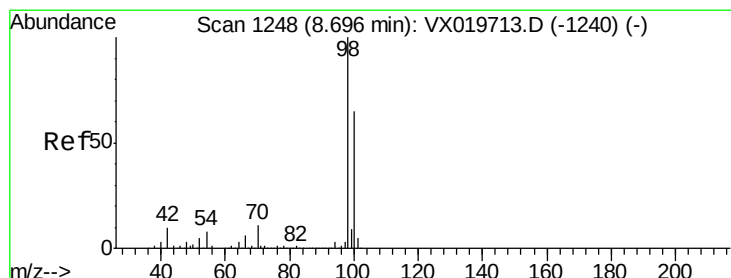
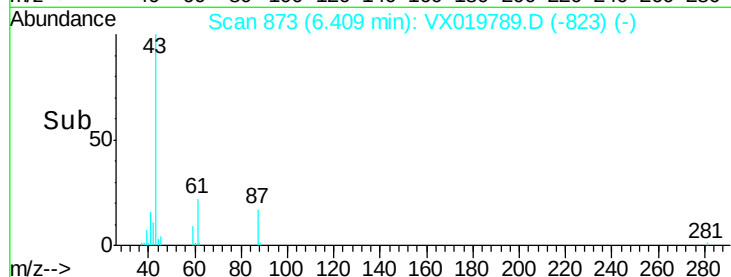
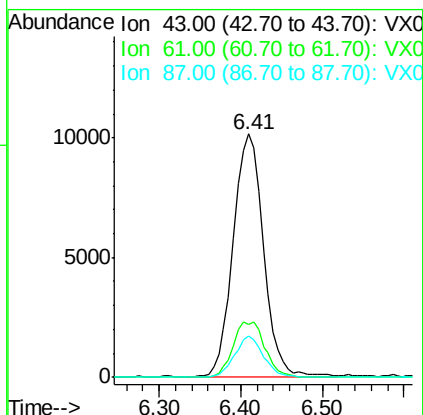
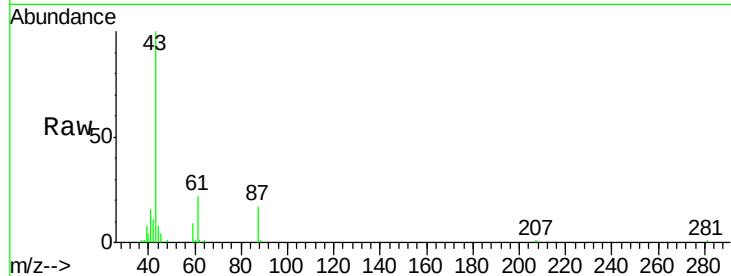




#43
Isopropyl Acetate
Concen: 3.229 ug/l
RT: 6.41 min Scan# 873
Delta R.T. 0.01 min
Lab File: VX019789.D
Acq: 09 Dec 2020 19:17

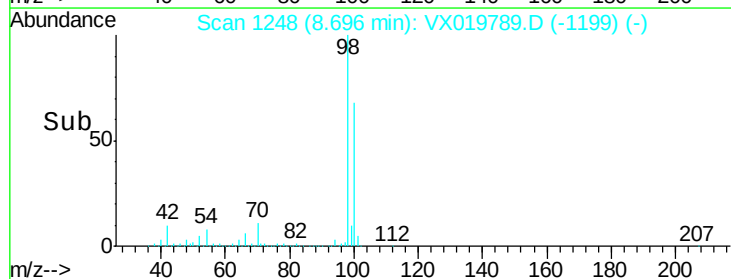
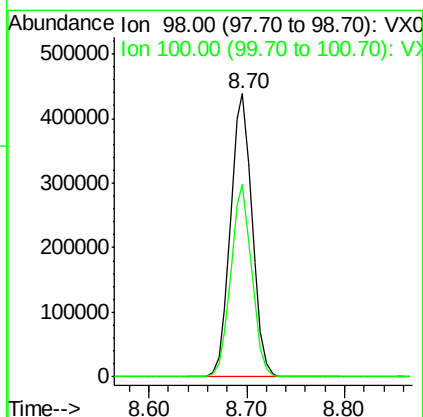
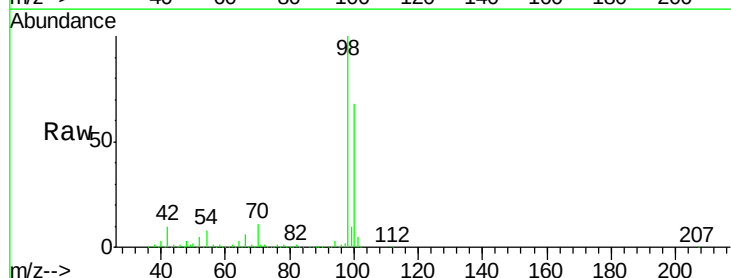
Instrument :
MSVOA_X
ClientSampleId :
5S2-A-BOTTOM

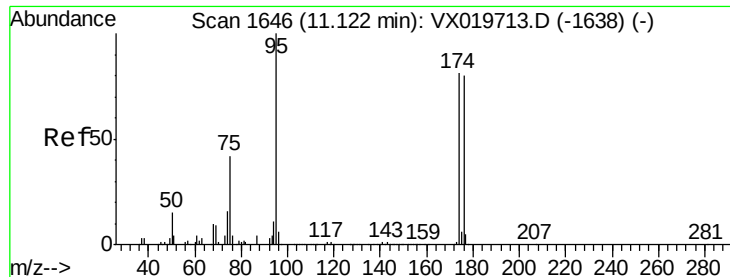
Tot Ion	43	Resp	26296
Ion Ratio	Lower	Upper	
43	100		
61	23.6	18.2	27.4
87	15.8	12.5	18.7



#50
Toluene-d8
Concen: 49.533 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019789.D
Acq: 09 Dec 2020 19:17

Tgt Ion	98	Resp	670997
Ion Ratio	Lower	Upper	
98	100		
100	65.7	51.9	77.9





#62

4-Bromofluorobenzene

Concen: 45.254 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019789.D

Acq: 09 Dec 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

5S2-A-BOTTOM

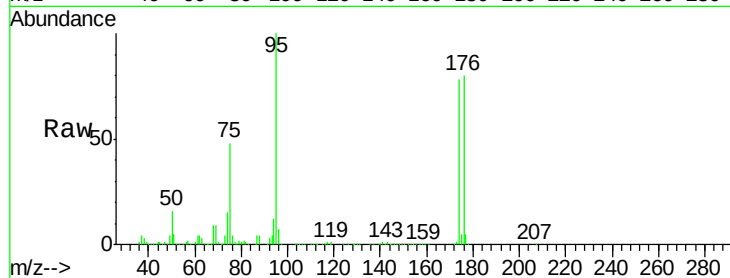
Tot Ion: 95 Resp: 233327

Ion Ratio Lower Upper

95 100

174 77.1 0.0 154.6

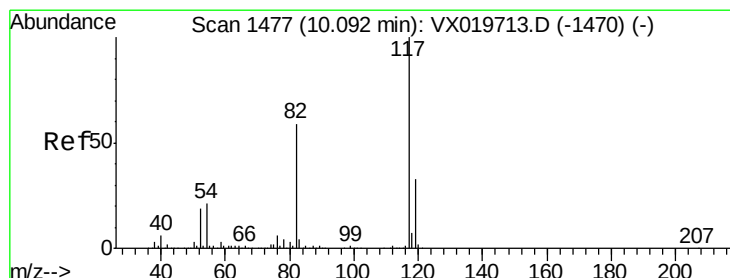
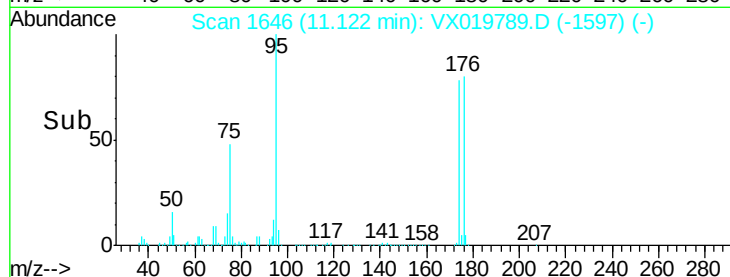
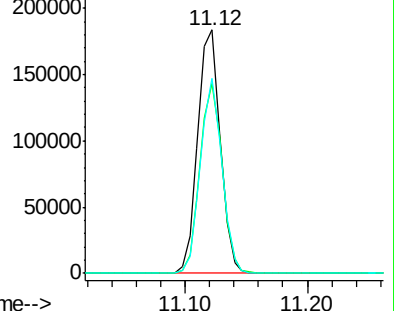
176 76.4 0.0 155.8



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: VX019789.D

Acq: 09 Dec 2020 19:17

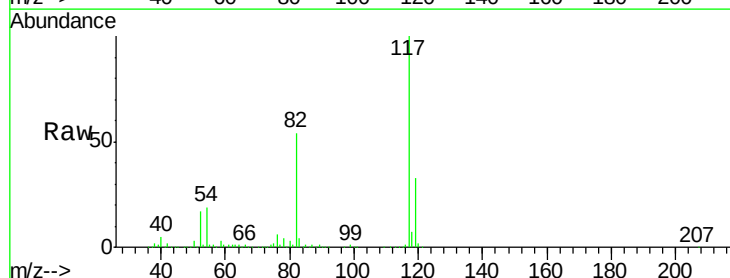
Tgt Ion: 117 Resp: 504535

Ion Ratio Lower Upper

117 100

82 54.1 47.4 71.2

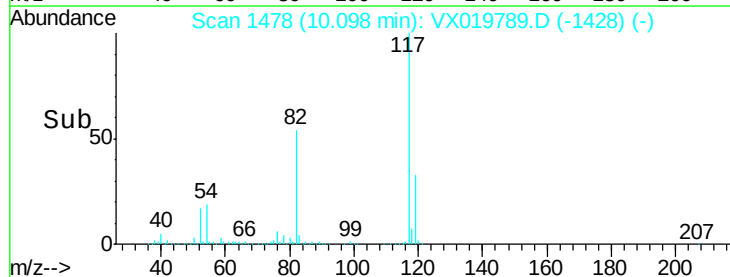
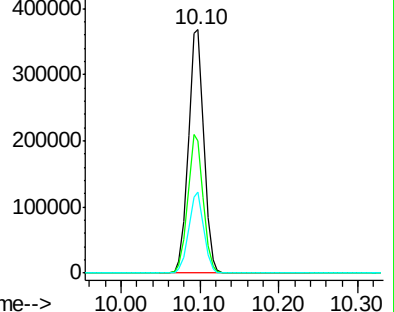
119 33.1 26.6 39.8

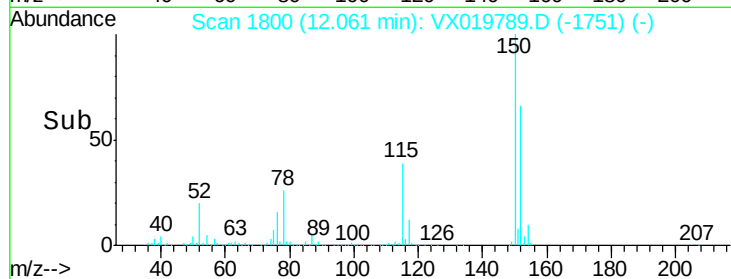
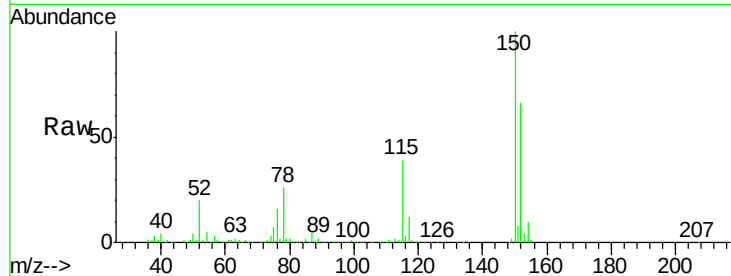
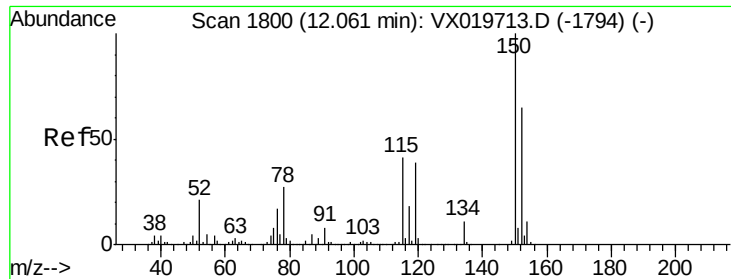


Abundance Ion 116.90 (116.60 to 117.60): VX019713.D (-1470) (-)

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: VX019789.D

Acq: 09 Dec 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

5S2-A-BOTTOM

Tot Ion:152 Resp: 219708

Ion Ratio Lower Upper

152 100

115 60.0 41.1 123.3

150 158.4 0.0 349.0

