

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
 Data File : VX019778.D
 Acq On : 09 Dec 2020 15:01
 Operator : JC/MD
 Sample : L4970-22
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 4S1-D-BOTTOM

Quant Time: Dec 10 06:06:39 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	338062	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.83	114	553086	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	508553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	223985	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	207056	46.60	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	93.20%		
35) Dibromofluoromethane	5.46	113	170060	47.58	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.16%		
50) Toluene-d8	8.70	98	672950	49.31	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.62%		
62) 4-Bromofluorobenzene	11.12	95	236653	45.56	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.12%		

Target Compounds

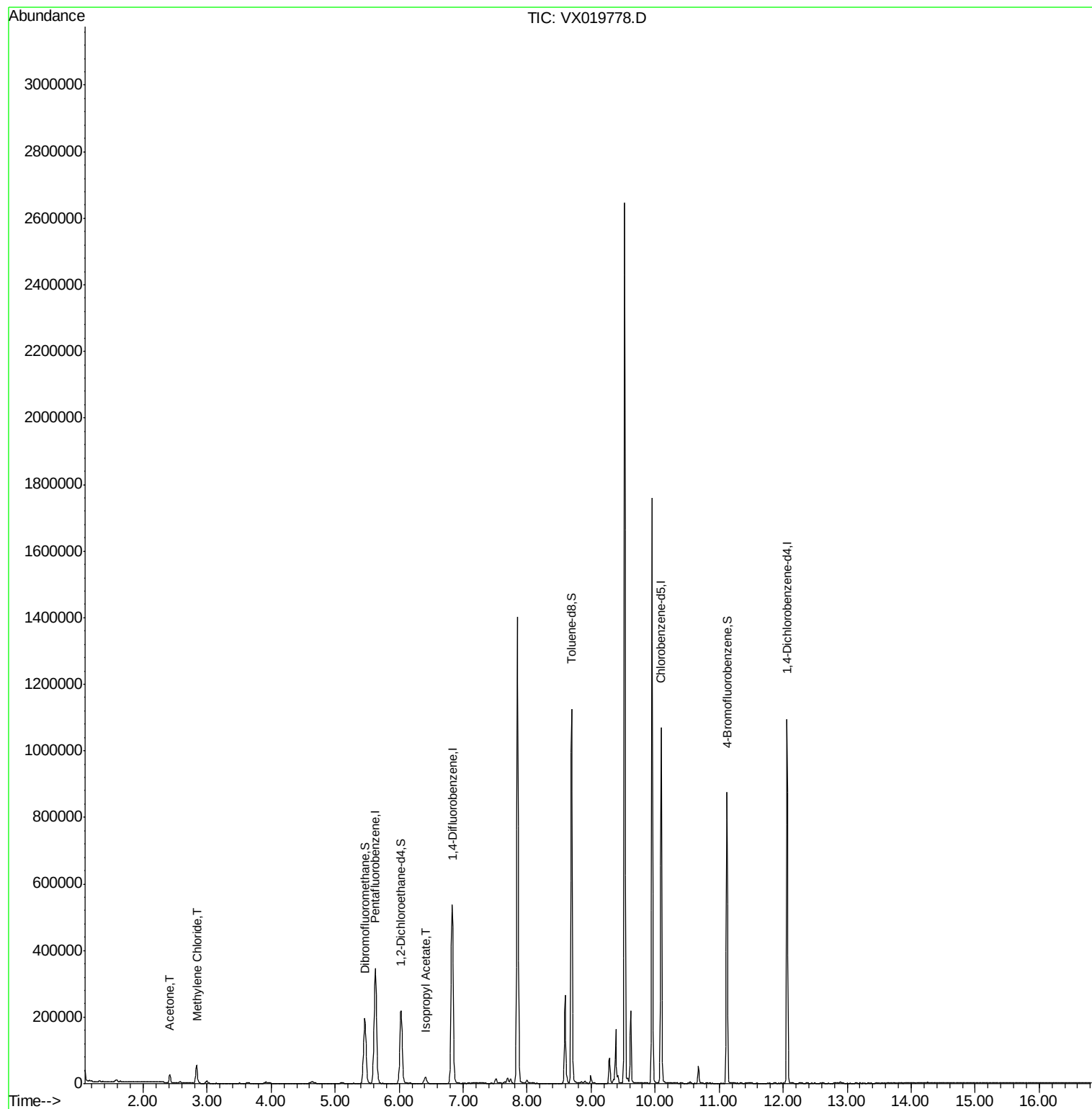
					Qvalue
16) Acetone	2.42	43	25121	15.042	ug/l 99
20) Methylene Chloride	2.84	84	26812	5.774	ug/l 96
43) Isopropyl Acetate	6.41	43	24702	3.011	ug/l 99

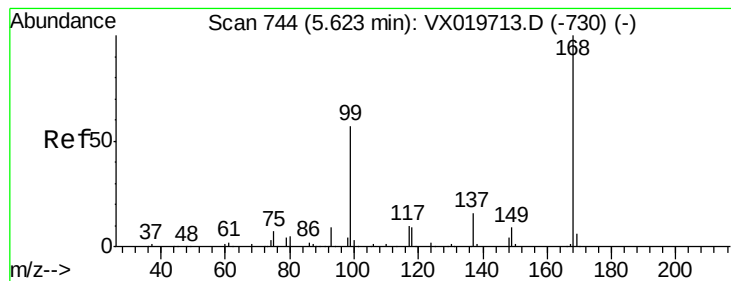
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 746

Delta R.T. 0.01 min

Lab File: VX019778.D

Acq: 09 Dec 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

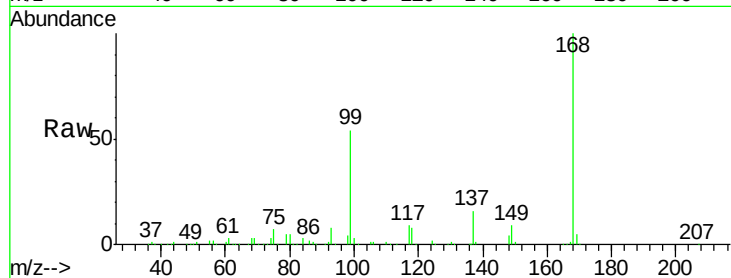
4S1-D-BOTTOM

Tot Ion:168 Resp: 338062

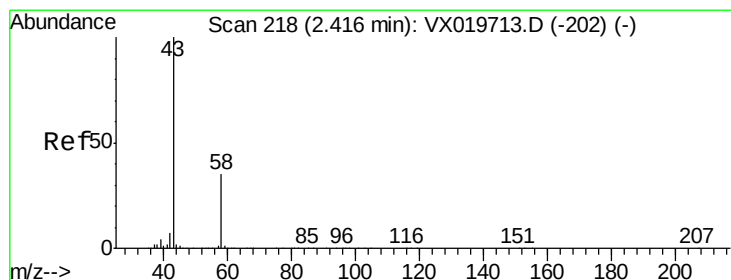
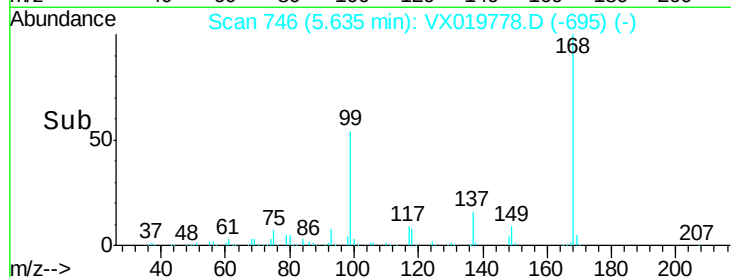
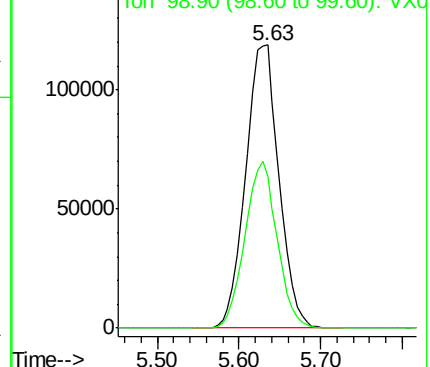
Ion Ratio Lower Upper

168 100

99 53.7 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 15.042 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019778.D

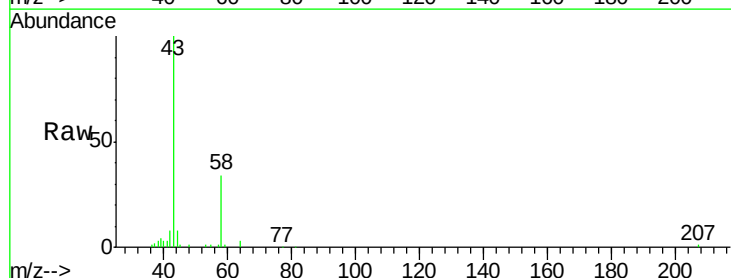
Acq: 09 Dec 2020 15:01

Tgt Ion: 43 Resp: 25121

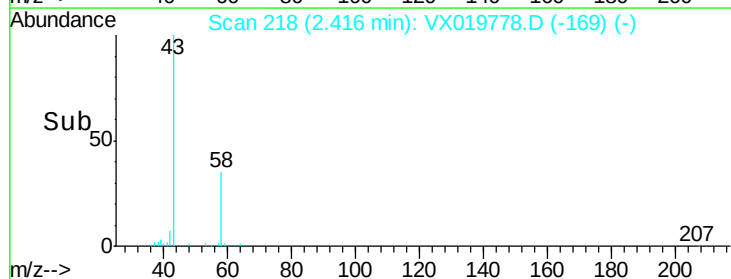
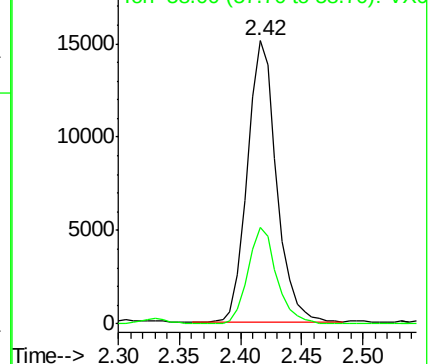
Ion Ratio Lower Upper

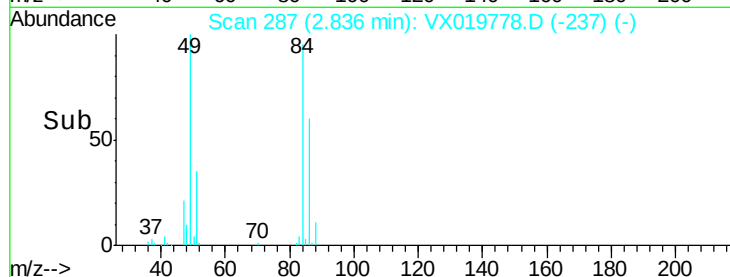
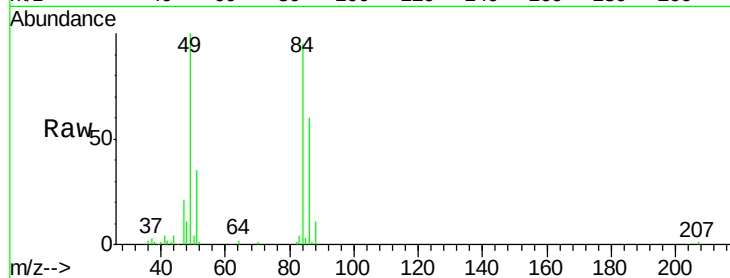
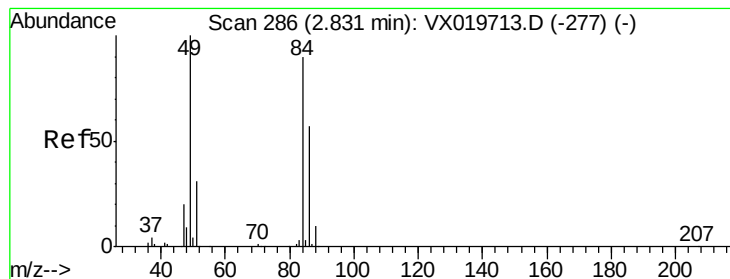
43 100

58 34.2 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0





#20

Methylene Chloride

Concen: 5.774 ug/l

RT: 2.84 min Scan# 287

Delta R.T. 0.01 min

Lab File: VX019778.D

Acq: 09 Dec 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

4S1-D-BOTTOM

Tot Ion: 84 Resp: 26812

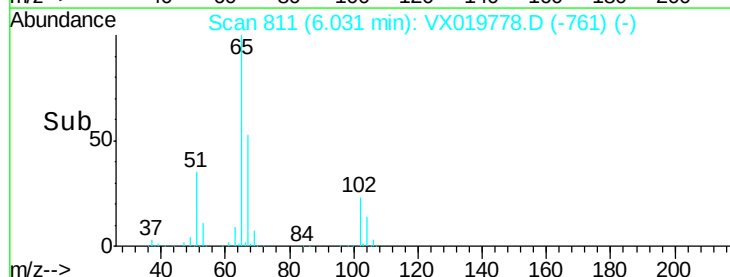
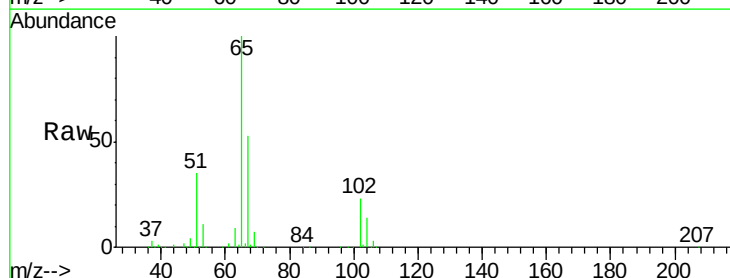
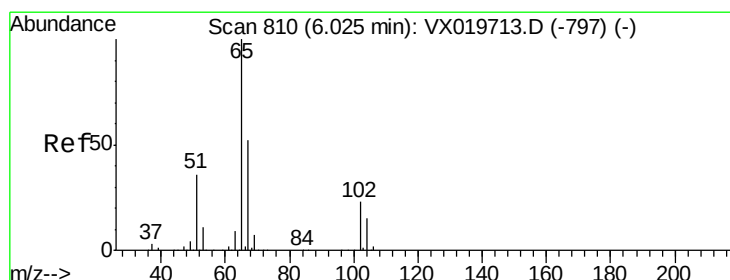
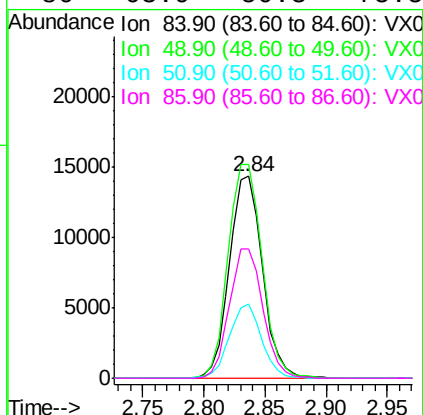
Ion Ratio Lower Upper

84 100

49 105.6 88.6 132.8

51 36.6 27.0 40.6

86 63.9 50.3 75.5



#33

1,2-Dichloroethane-d4

Concen: 46.601 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019778.D

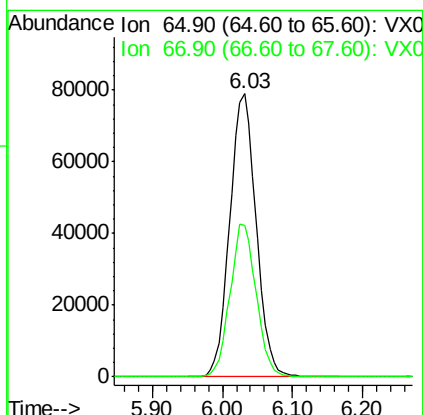
Acq: 09 Dec 2020 15:01

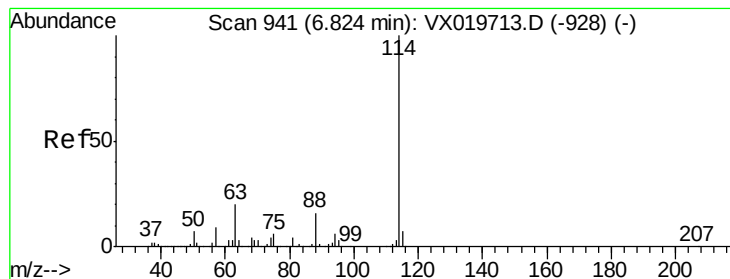
Tgt Ion: 65 Resp: 207056

Ion Ratio Lower Upper

65 100

67 53.4 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: VX019778.D

Acq: 09 Dec 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

4S1-D-BOTTOM

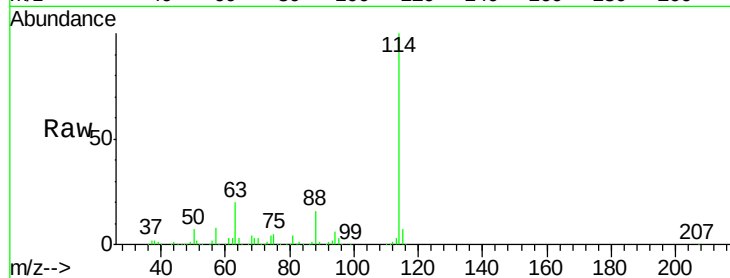
Tot Ion:114 Resp: 553086

Ion Ratio Lower Upper

114 100

63 19.9 0.0 40.8

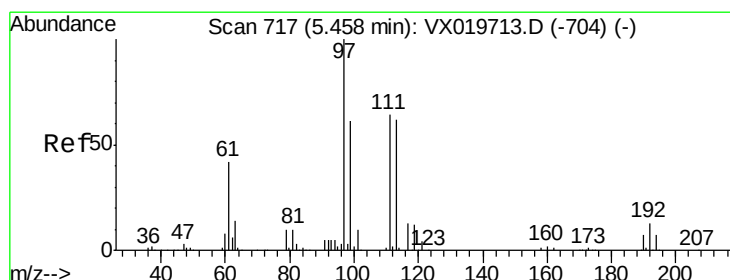
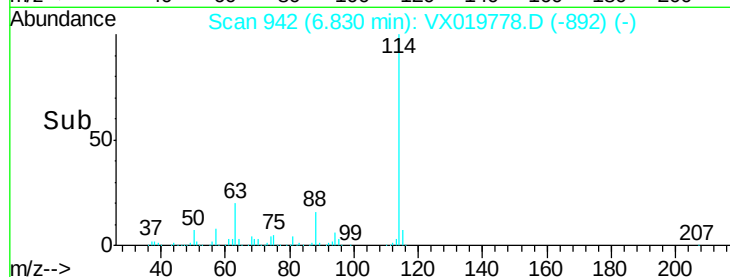
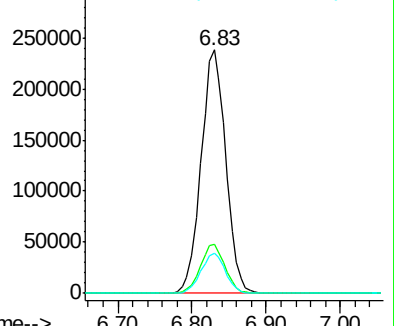
88 16.2 0.0 32.8



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: 47.576 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019778.D

Acq: 09 Dec 2020 15:01

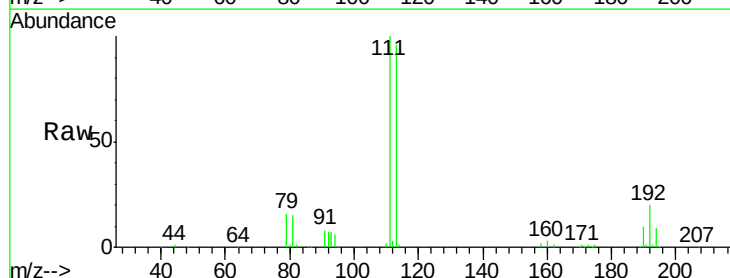
Tgt Ion:113 Resp: 170060

Ion Ratio Lower Upper

113 100

111 102.6 81.9 122.9

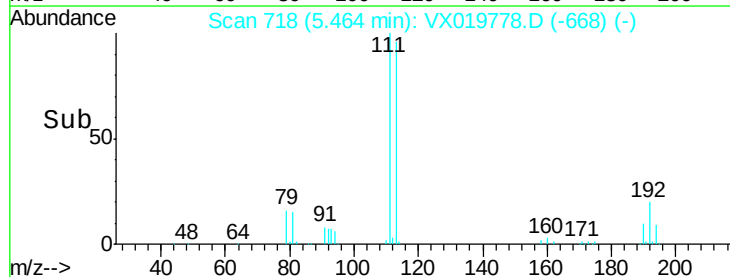
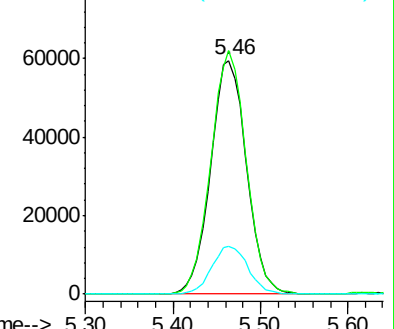
192 20.7 16.7 25.1

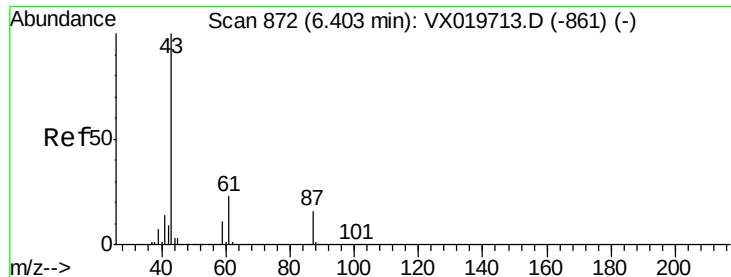


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 3.011 ug/l

RT: 6.41 min Scan# 873

Delta R.T. 0.01 min

Lab File: VX019778.D

Acq: 09 Dec 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

4S1-D-BOTTOM

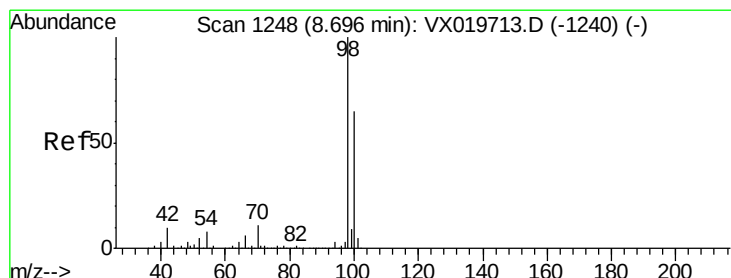
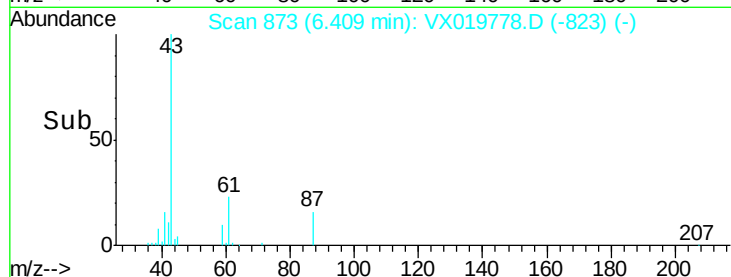
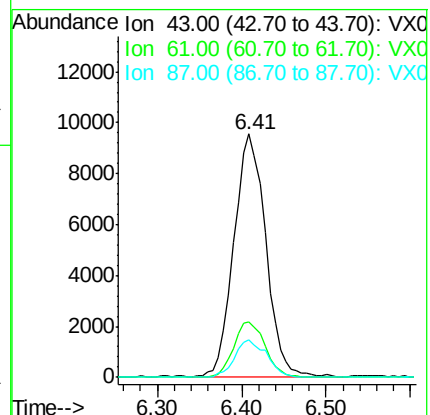
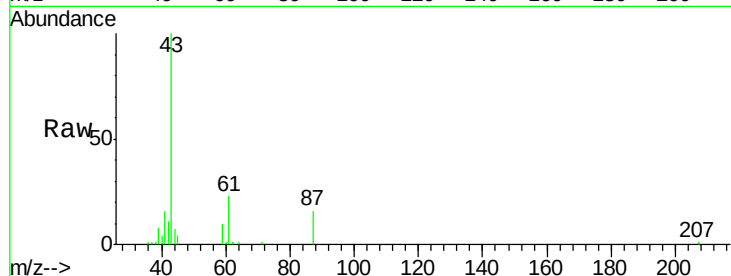
Tot Ion: 43 Resp: 24702

Ion Ratio Lower Upper

43 100

61 22.2 18.2 27.4

87 15.2 12.5 18.7



#50

Toluene-d8

Concen: 49.313 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019778.D

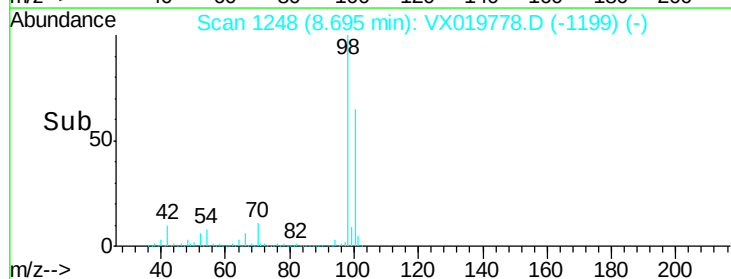
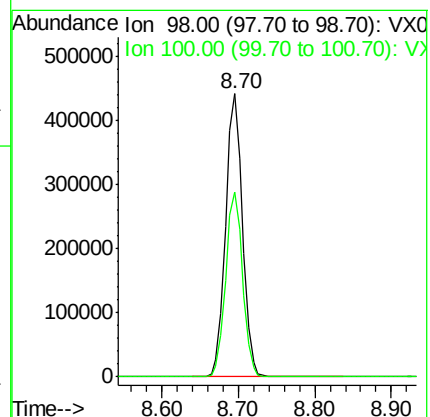
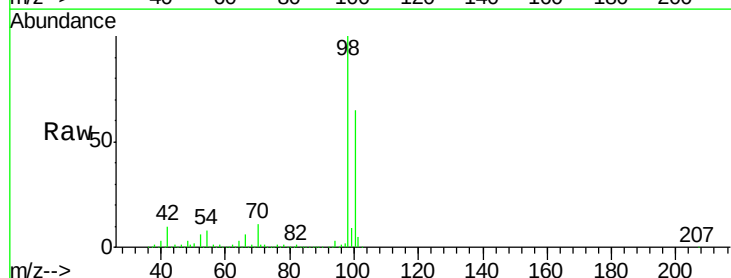
Acq: 09 Dec 2020 15:01

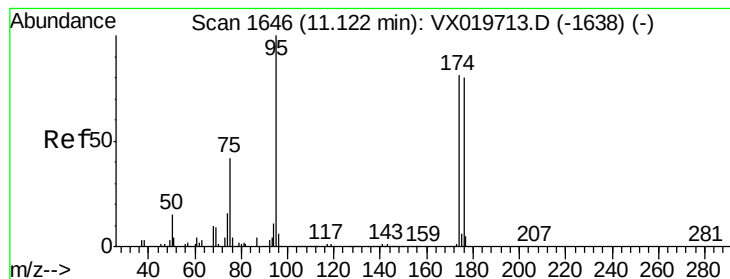
Tgt Ion: 98 Resp: 672950

Ion Ratio Lower Upper

98 100

100 65.6 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 45.562 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019778.D

Acq: 09 Dec 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

4S1-D-BOTTOM

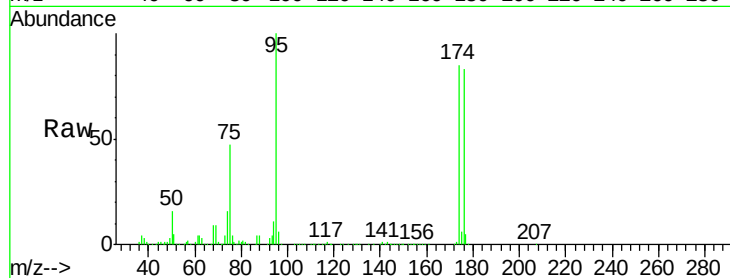
Tot Ion: 95 Resp: 236653

Ion Ratio Lower Upper

95 100

174 79.2 0.0 154.6

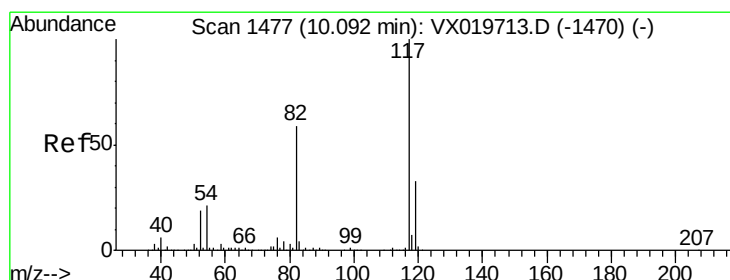
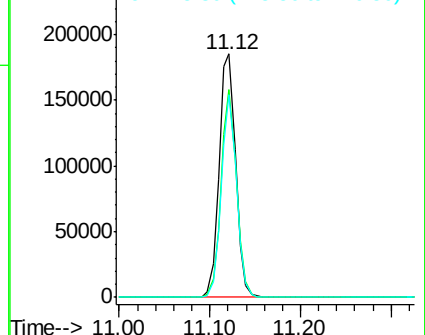
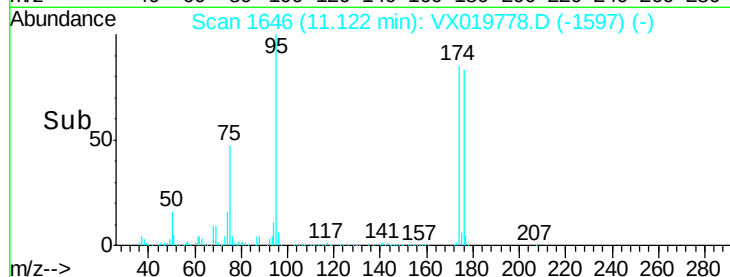
176 76.6 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX019778.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX019778.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX019778.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.01 min

Lab File: VX019778.D

Acq: 09 Dec 2020 15:01

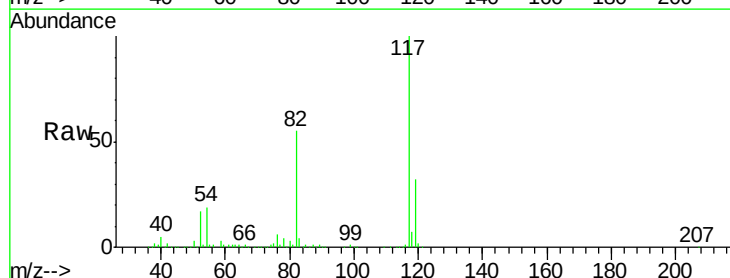
Tgt Ion: 117 Resp: 508553

Ion Ratio Lower Upper

117 100

82 55.4 47.4 71.2

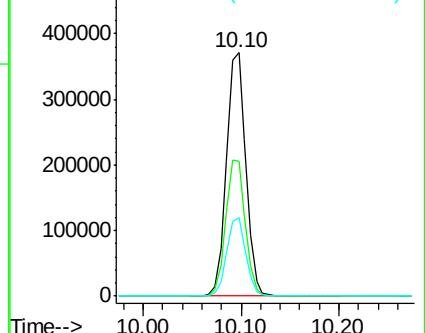
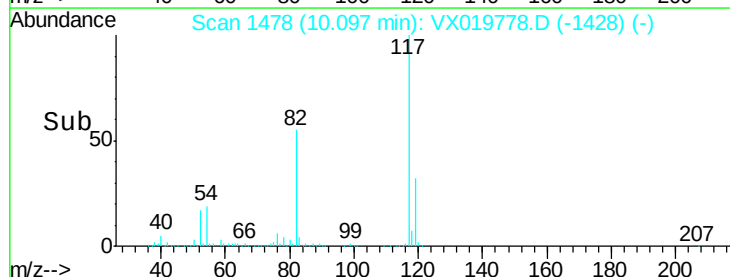
119 32.5 26.6 39.8

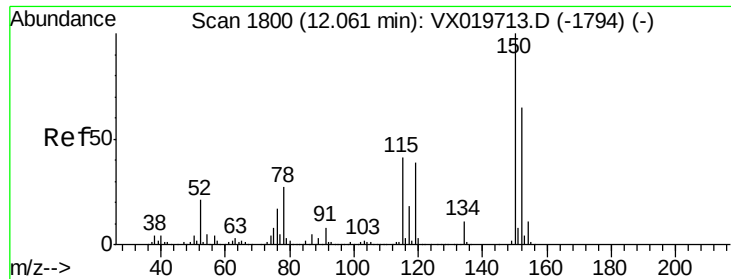


Abundance Ion 116.90 (116.60 to 117.60): VX019778.D (-1428) (-)

Ion 82.00 (81.70 to 82.70): VX019778.D (-1428) (-)

Ion 118.90 (118.60 to 119.60): VX019778.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: VX019778.D

Acq: 09 Dec 2020 15:01

Instrument :

MSVOA_X

ClientSampleId :

4S1-D-BOTTOM

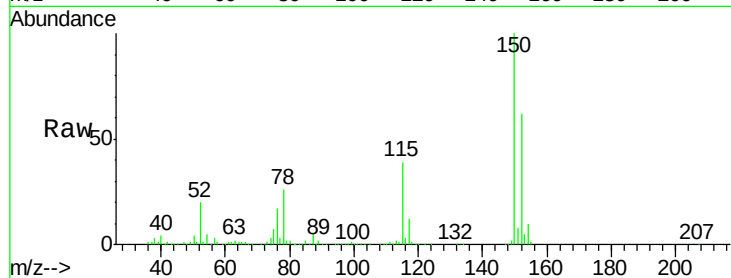
Tot Ion:152 Resp: 223985

Ion Ratio Lower Upper

152 100

115 59.7 41.1 123.3

150 157.3 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

