

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120920\
 Data File : VX019776.D
 Acq On : 09 Dec 2020 14:14
 Operator : JC/MD
 Sample : L4966-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 239995-1-3

Quant Time: Dec 10 06:01:18 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	336316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	553010	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	501535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	225864	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	207675	46.98	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.96%
35) Dibromofluoromethane	5.46	113	169395	47.40	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.80%
50) Toluene-d8	8.70	98	667700	48.93	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.86%
62) 4-Bromofluorobenzene	11.12	95	235946	45.43	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.86%

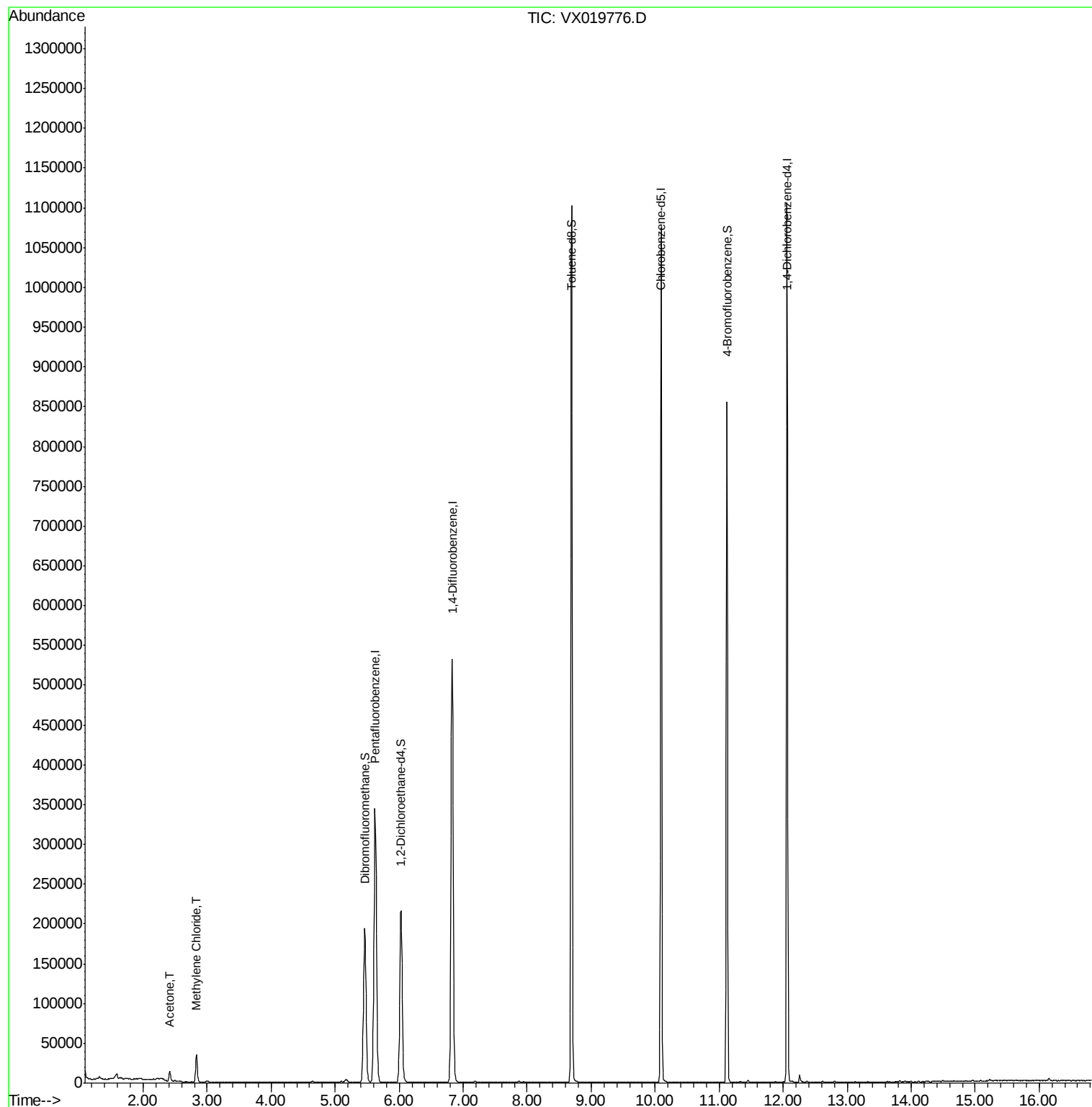
Target Compounds					Qvalue
16) Acetone	2.42	43	12071	7.265 ug/l	99
20) Methylene Chloride	2.83	84	16726	3.075 ug/l	99

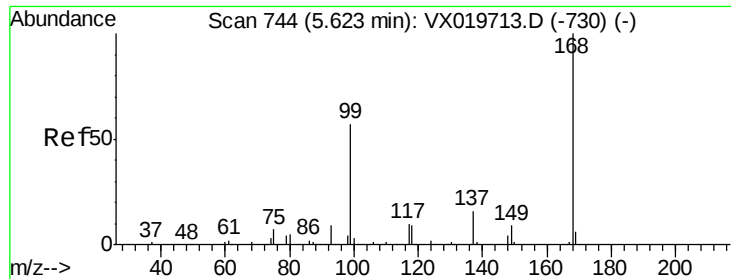
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX019776.D

Acq: 09 Dec 2020 14:14

Instrument :

MSVOA_X

ClientSampleId :

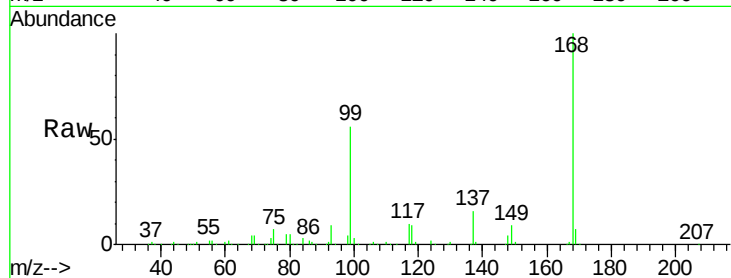
239995-1-3

Tot Ion:168 Resp: 336316

Ion Ratio Lower Upper

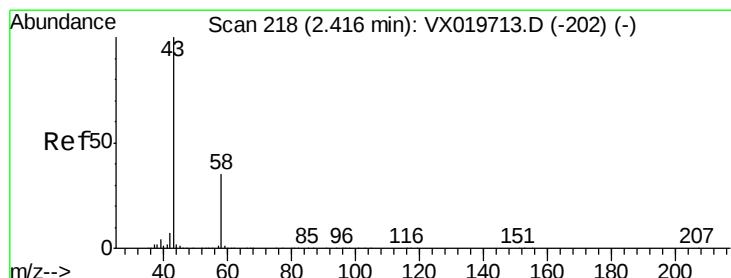
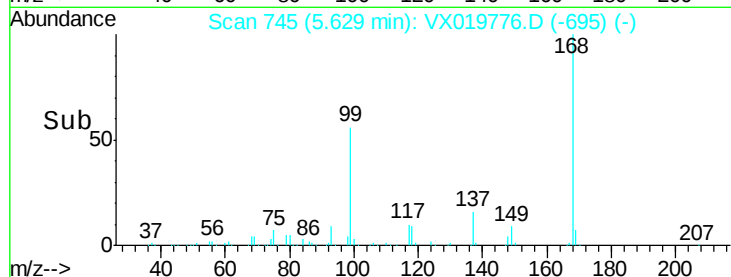
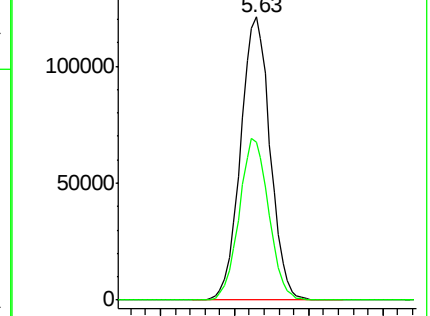
168 100

99 55.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 7.265 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX019776.D

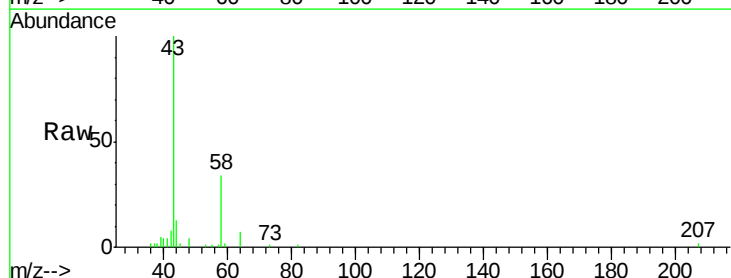
Acq: 09 Dec 2020 14:14

Tgt Ion: 43 Resp: 12071

Ion Ratio Lower Upper

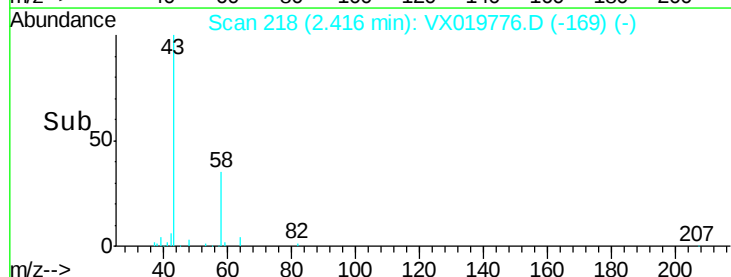
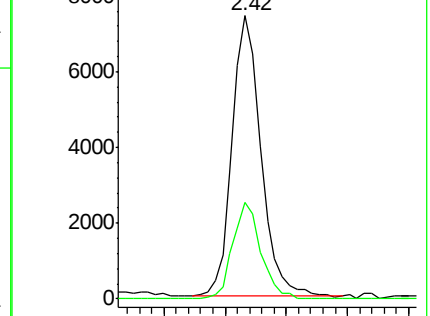
43 100

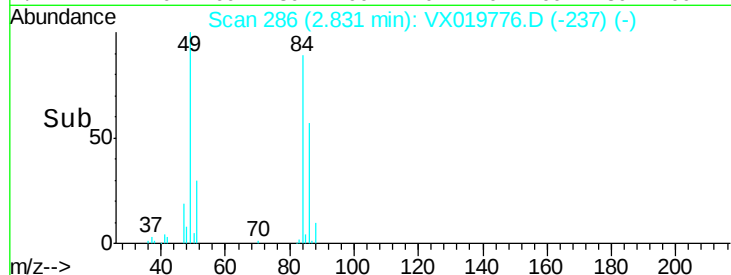
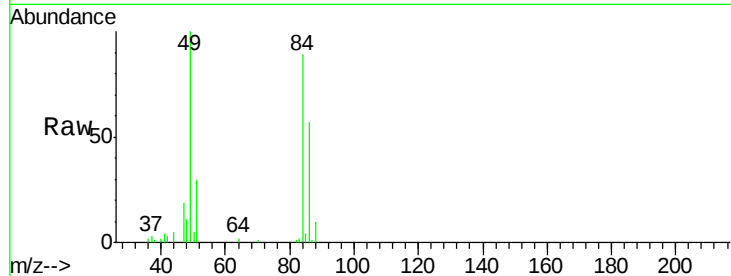
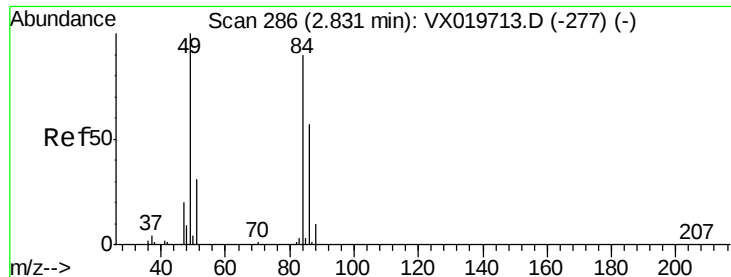
58 34.3 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

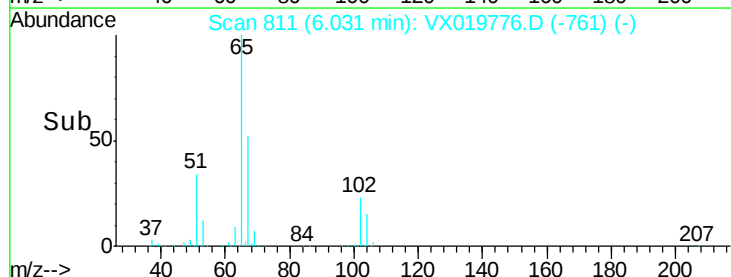
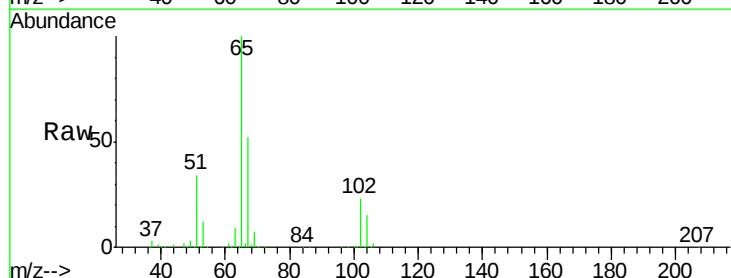
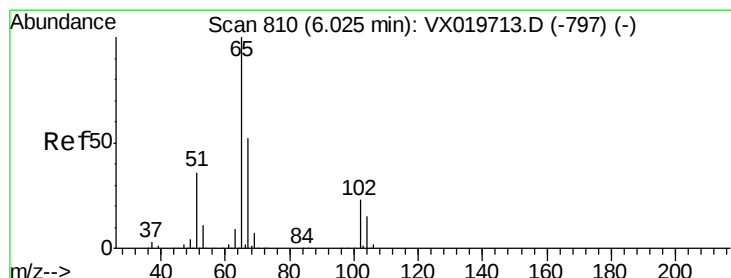
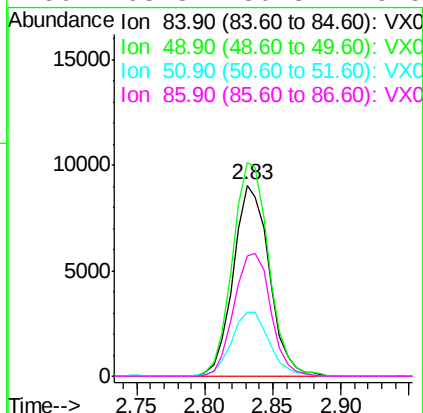




#20
Methvlene Chloride
Concen: 3.075 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX019776.D
Acq: 09 Dec 2020 14:14

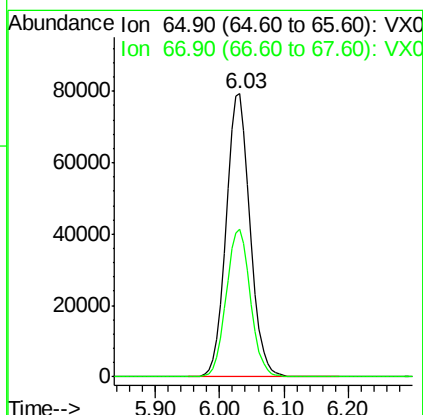
Instrument :
MSVOA_X
ClientSampleId :
239995-1-3

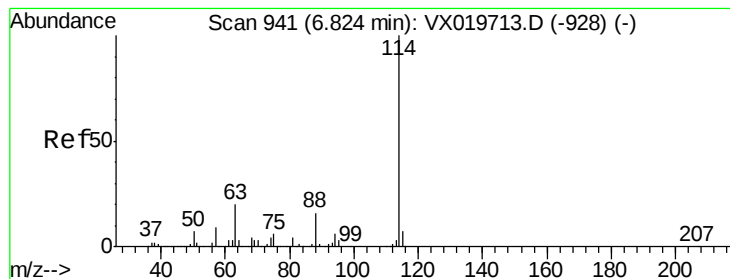
Tot Ion:	84	Resp:	16726
Ion	Ratio	Lower	Upper
84	100		
49	111.9	88.6	132.8
51	33.5	27.0	40.6
86	63.3	50.3	75.5



#33
1,2-Dichloroethane-d4
Concen: 46.983 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.01 min
Lab File: VX019776.D
Acq: 09 Dec 2020 14:14

Tgt Ion:	65	Resp:	207675
Ion	Ratio	Lower	Upper
65	100		
67	52.8	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: VX019776.D

Acq: 09 Dec 2020 14:14

Instrument :

MSVOA_X

ClientSampleId :

239995-1-3

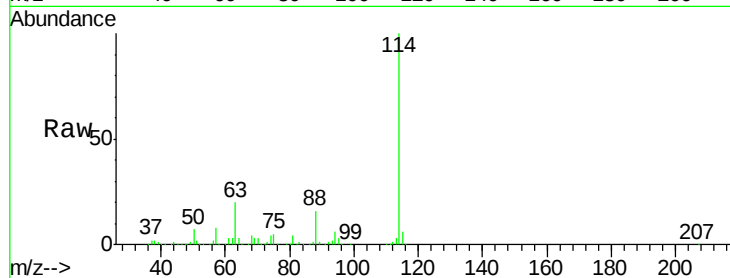
Tot Ion:114 Resp: 553010

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

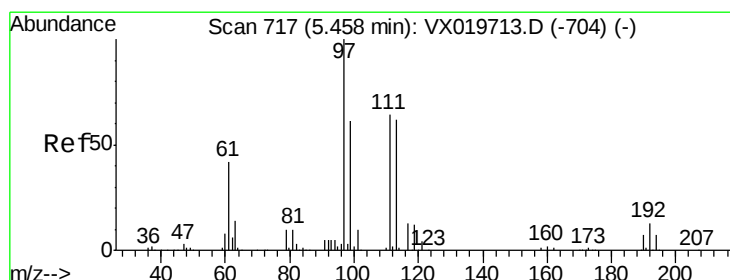
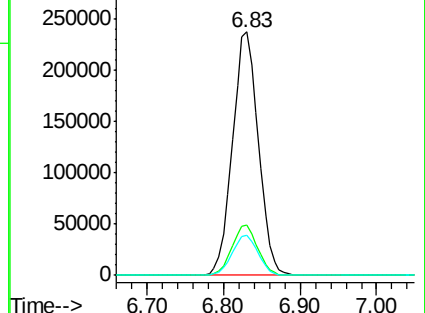
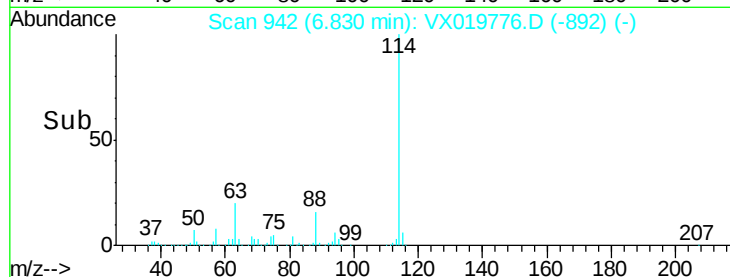
88 16.5 0.0 32.8



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: 47.396 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019776.D

Acq: 09 Dec 2020 14:14

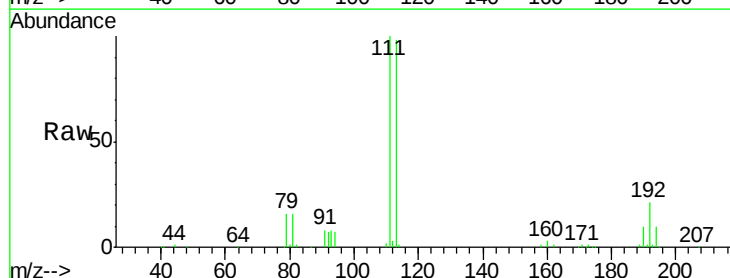
Tgt Ion:113 Resp: 169395

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

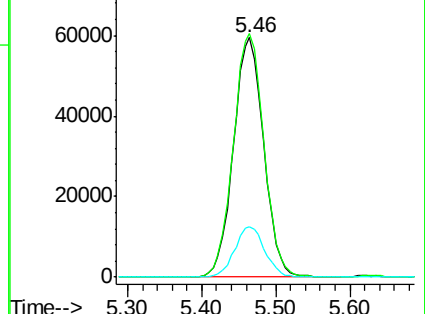
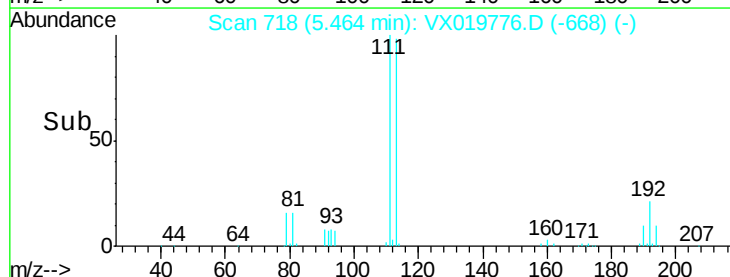
192 20.9 16.7 25.1

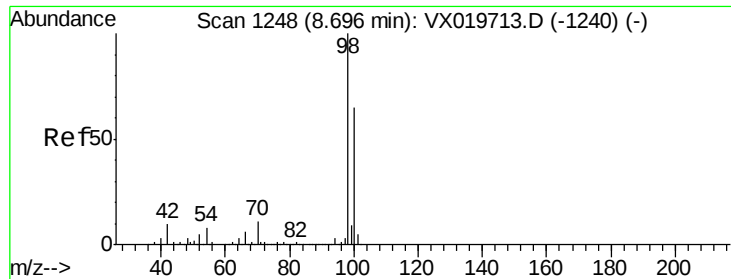


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.935 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019776.D

Acq: 09 Dec 2020 14:14

Instrument :

MSVOA_X

ClientSampleId :

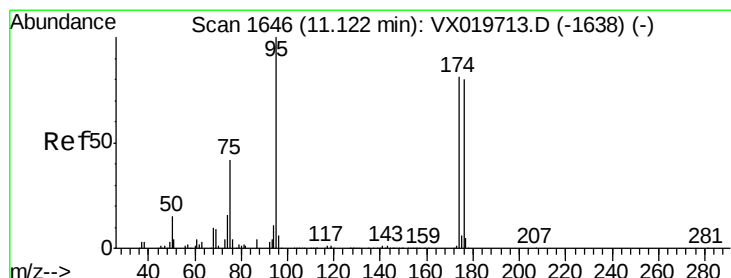
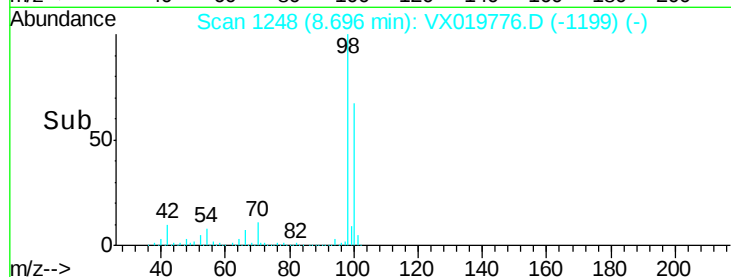
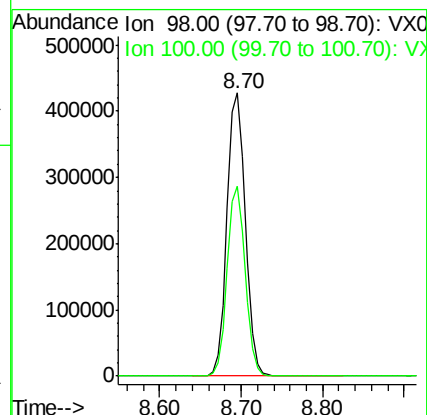
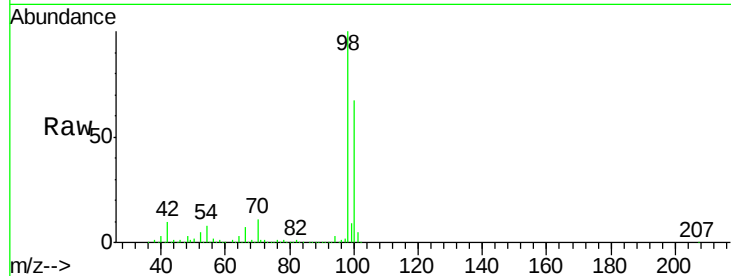
239995-1-3

Tot Ion: 98 Resp: 667700

Ion Ratio Lower Upper

98 100

100 65.9 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 45.432 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019776.D

Acq: 09 Dec 2020 14:14

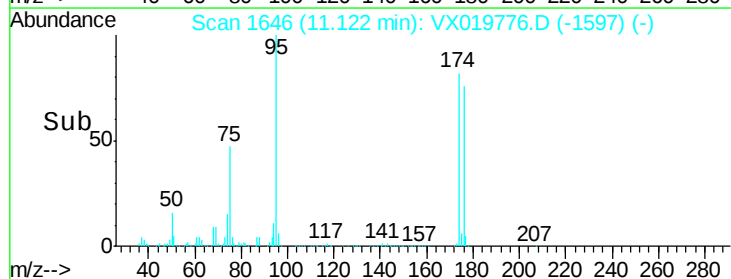
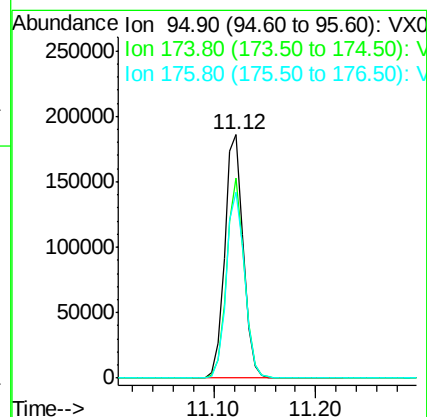
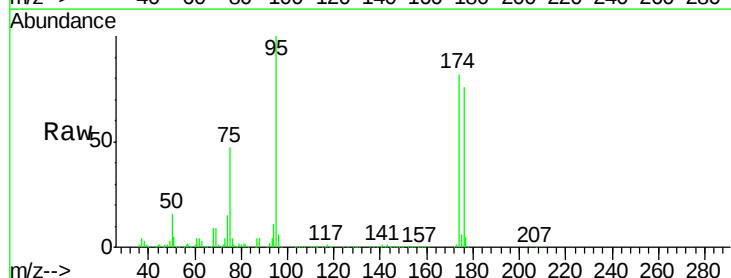
Tgt Ion: 95 Resp: 235946

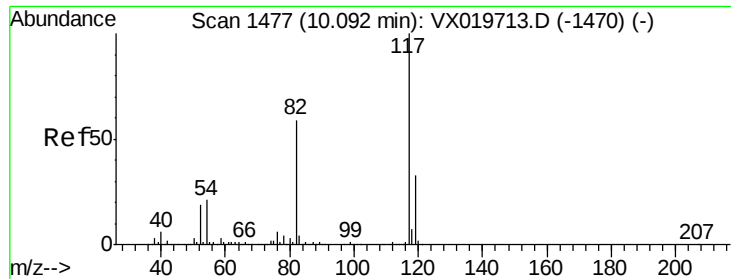
Ion Ratio Lower Upper

95 100

174 77.7 0.0 154.6

176 75.8 0.0 155.8

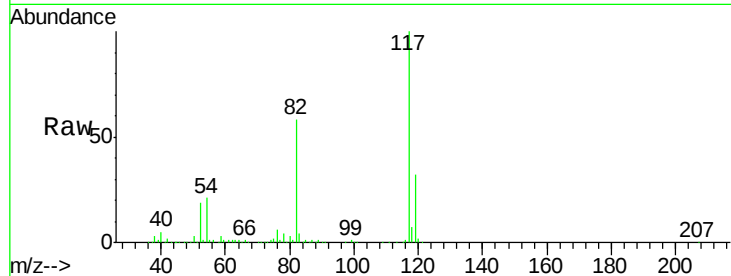




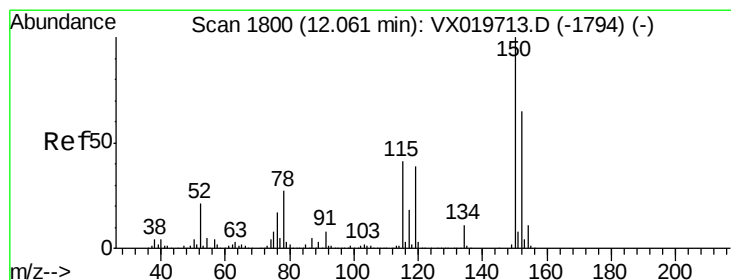
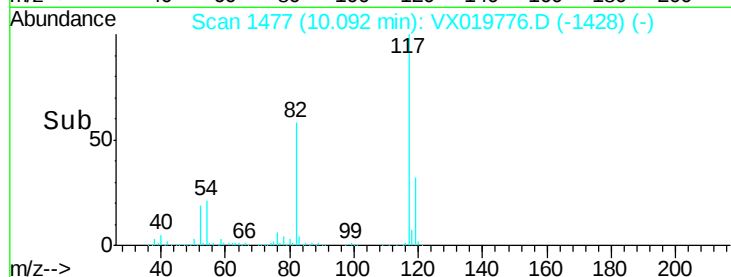
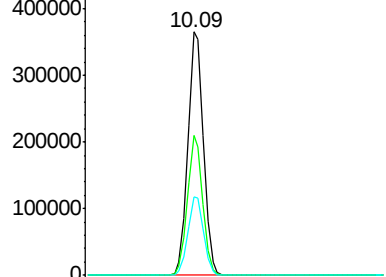
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX019776.D
Acq: 09 Dec 2020 14:14

Instrument :
MSVOA_X
ClientSampleId :
239995-1-3

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.5	47.4	71.2
119	32.3	26.6	39.8

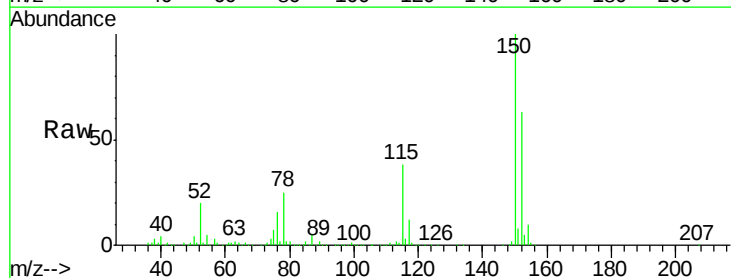


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019776.D
Acq: 09 Dec 2020 14:14

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.4	41.1	123.3
150	153.8	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

