

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
 Data File : VX019737.D
 Acq On : 04 Dec 2020 23:10
 Operator : JC/MD
 Sample : L4953-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ID039-39-6147-120220

Quant Time: Dec 07 11:43:11 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	345911	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	568594	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	507933	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	229148	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	212571	46.76	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.52%
35) Dibromofluoromethane	5.46	113	171387	46.64	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.28%
50) Toluene-d8	8.70	98	682086	48.62	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.24%
62) 4-Bromofluorobenzene	11.12	95	245783	46.03	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	92.06%

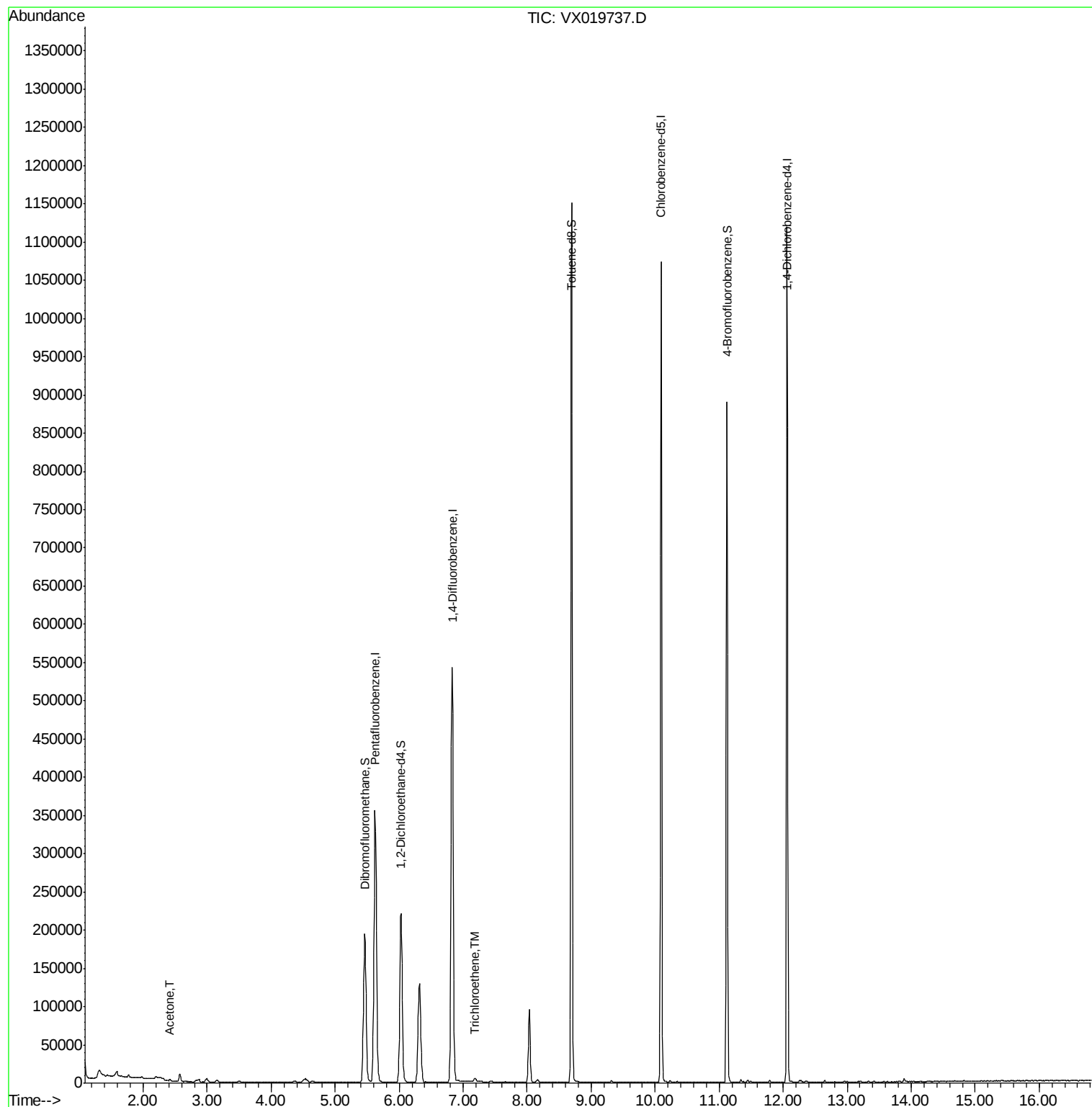
Target Compounds					Qvalue
16) Acetone	2.42	43	1938	1.134 ug/l	99
44) Trichloroethene	7.18	130	1188	0.288 ug/l	79

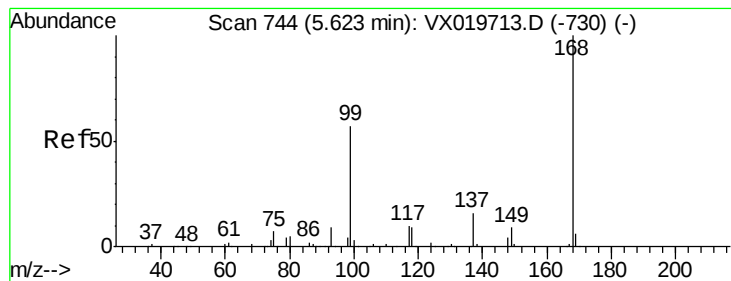
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX019737.D

Acq: 04 Dec 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

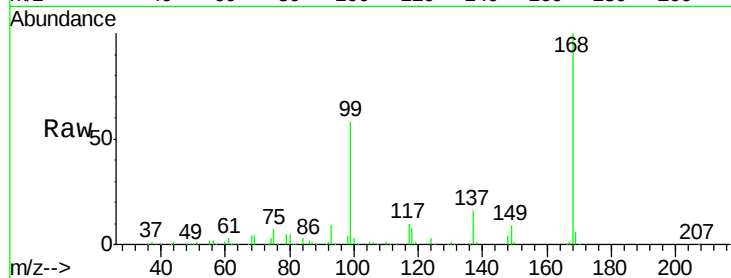
ID039-39-6147-120220

Tot Ion:168 Resp: 345911

Ion Ratio Lower Upper

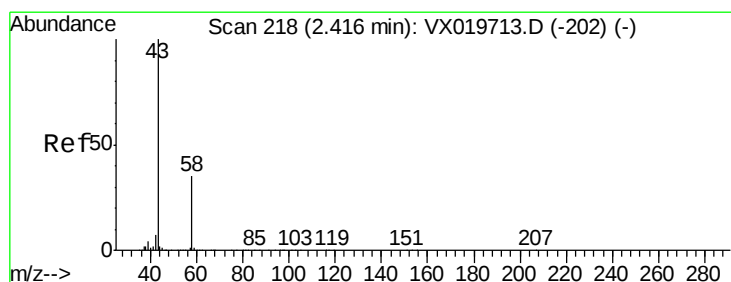
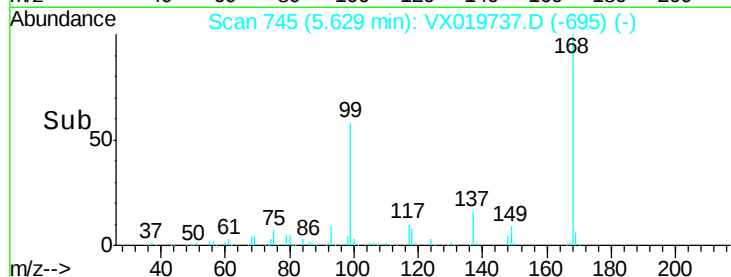
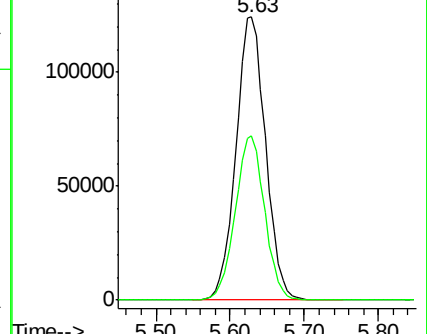
168 100

99 58.2 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: 1.134 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019737.D

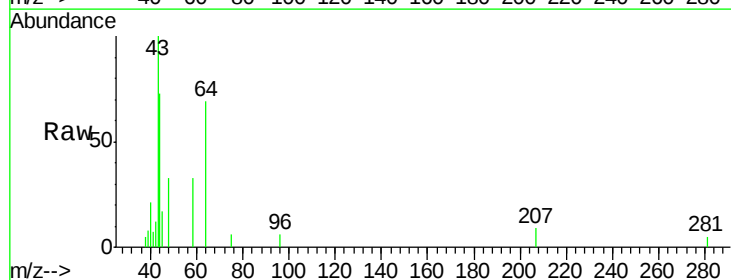
Acq: 04 Dec 2020 23:10

Tgt Ion: 43 Resp: 1938

Ion Ratio Lower Upper

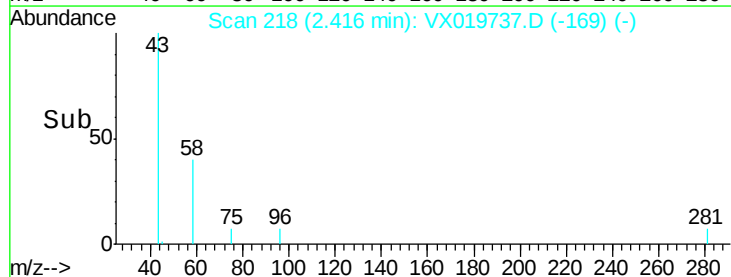
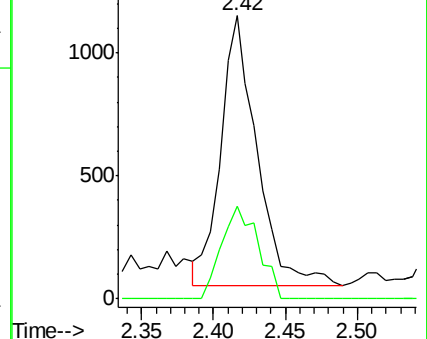
43 100

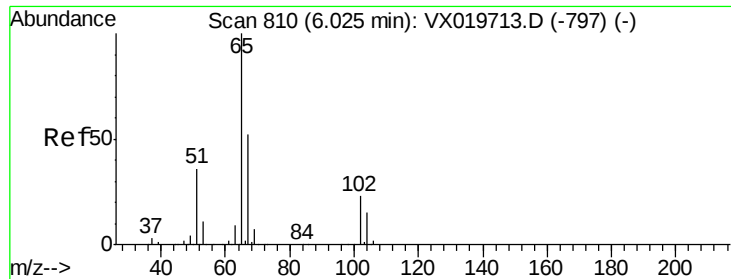
58 34.3 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

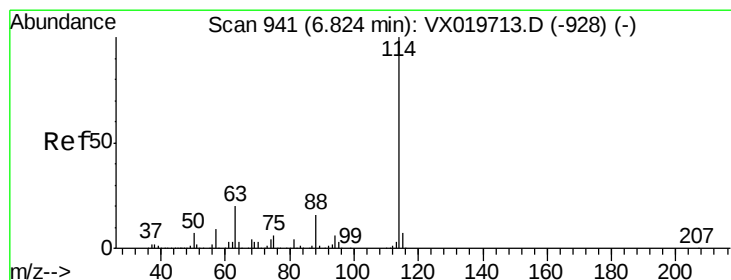
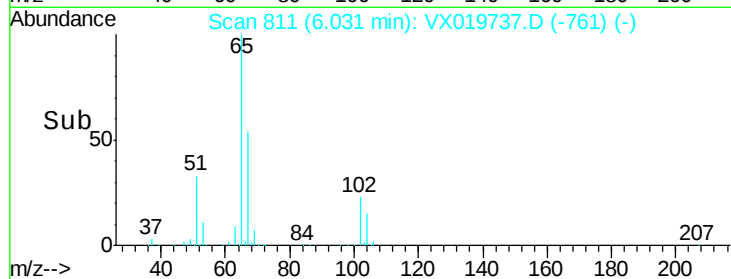
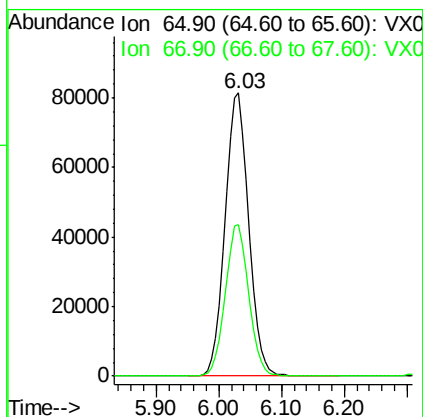
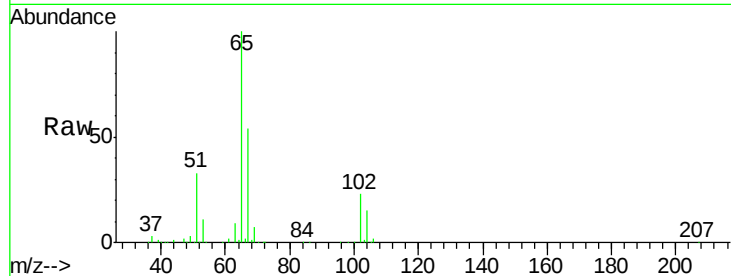




#33
 1,2-Dichloroethane-d4
 Concen: 46.757 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: VX019737.D
 Acq: 04 Dec 2020 23:10

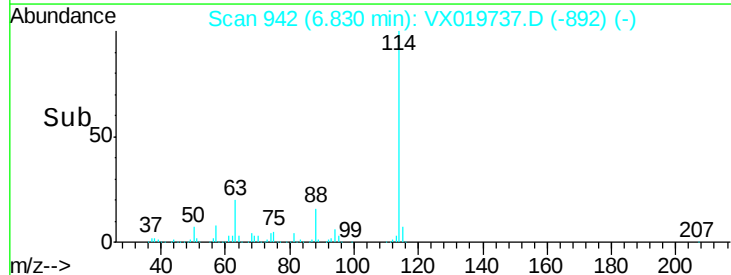
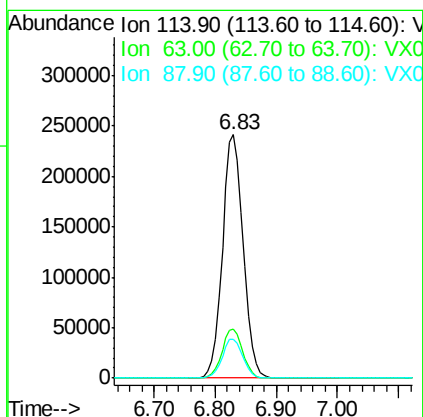
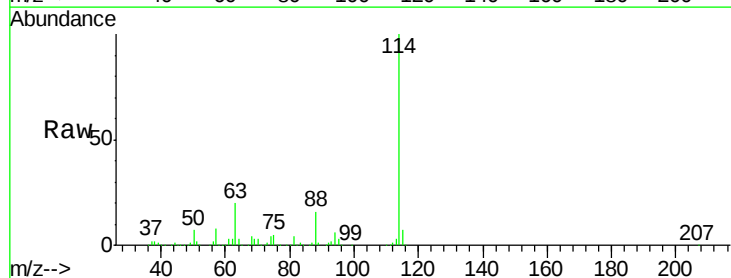
Instrument :
 MSVOA_X
 ClientSampleId :
 ID039-39-6147-120220

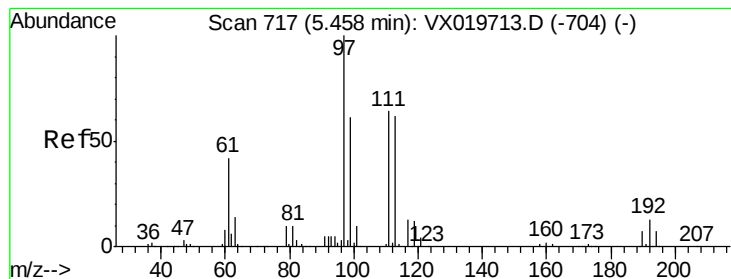
Tot Ion: 65 Resp: 212571
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019737.D
 Acq: 04 Dec 2020 23:10

Tgt Ion: 114 Resp: 568594
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.8
 88 16.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 46.639 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019737.D

Acq: 04 Dec 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

ID039-39-6147-120220

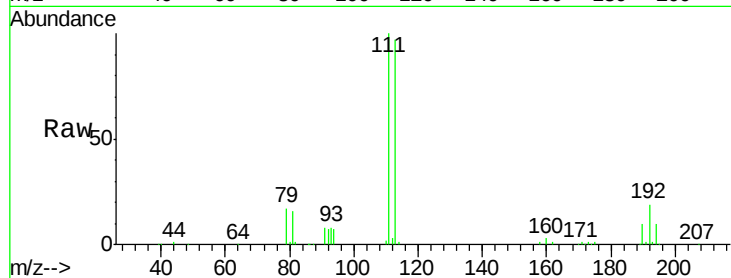
Tot Ion:113 Resp: 171387

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

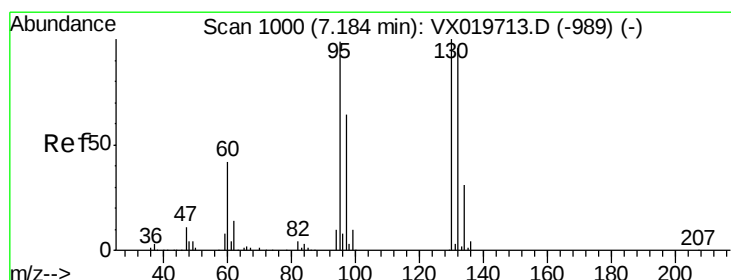
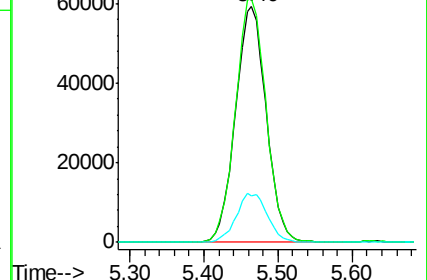
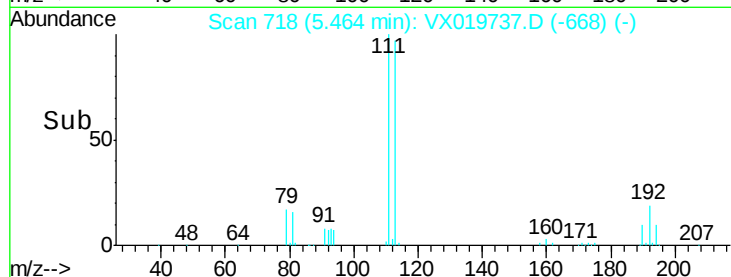
192 20.9 16.7 25.1



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



#44

Trichloroethene

Concen: 0.288 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019737.D

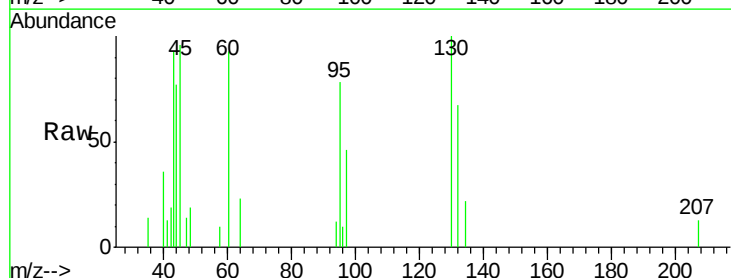
Acq: 04 Dec 2020 23:10

Tgt Ion:130 Resp: 1188

Ion Ratio Lower Upper

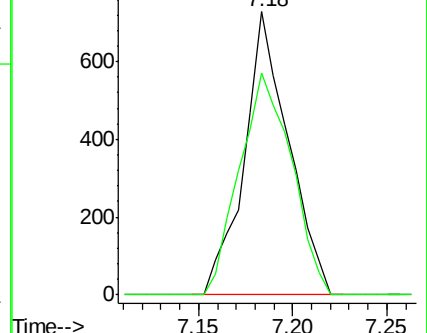
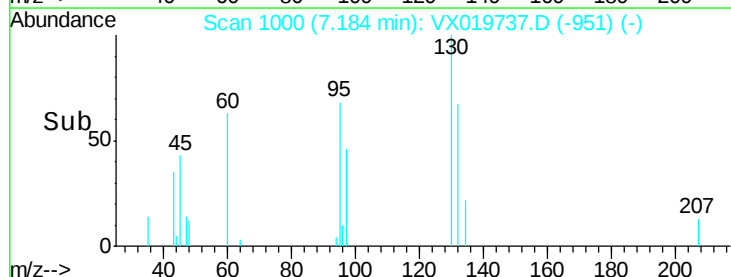
130 100

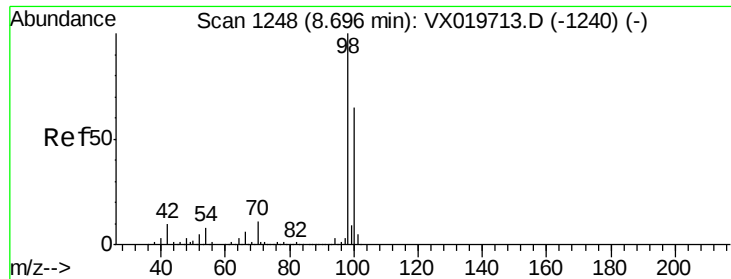
95 78.4 0.0 198.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 48.619 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019737.D

Acq: 04 Dec 2020 23:10

Instrument :

MSVOA_X

ClientSampleId :

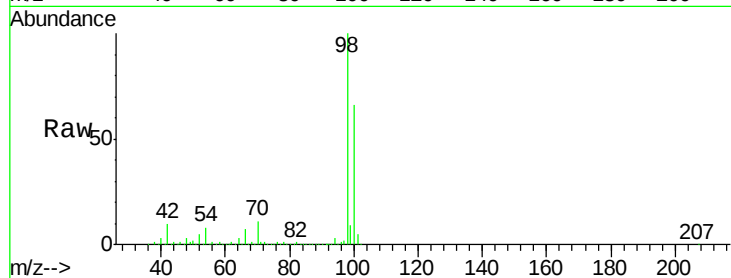
ID039-39-6147-120220

Tot Ion: 98 Resp: 682086

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

8.70

500000

400000

300000

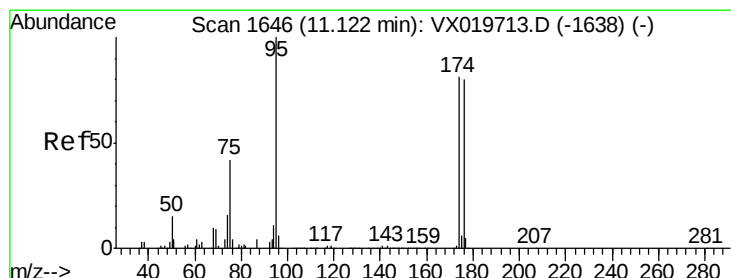
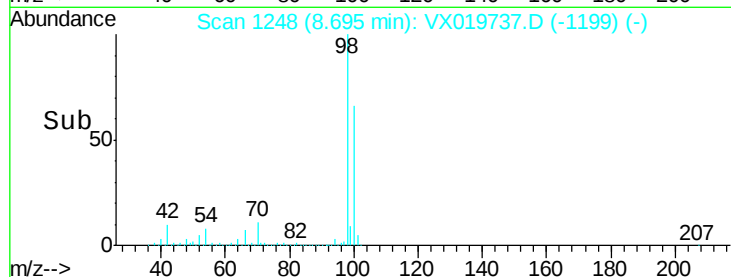
200000

100000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 46.029 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019737.D

Acq: 04 Dec 2020 23:10

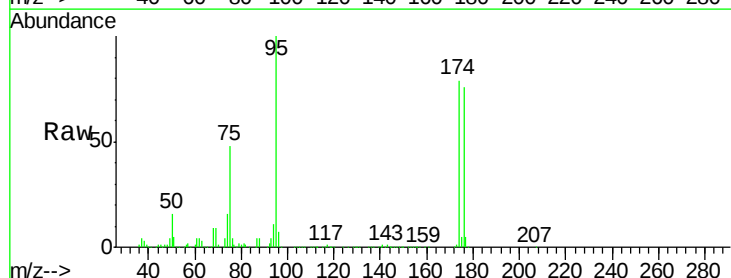
Tgt Ion: 95 Resp: 245783

Ion Ratio Lower Upper

95 100

174 79.0 0.0 154.6

176 75.1 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.12

250000

200000

150000

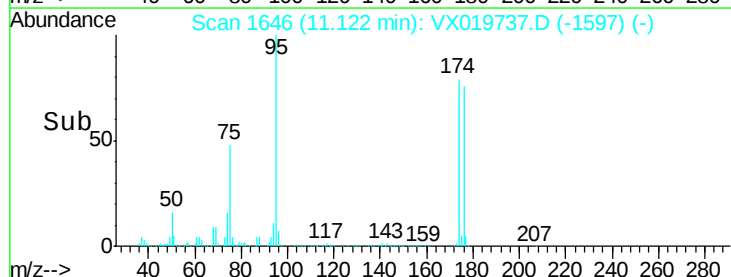
100000

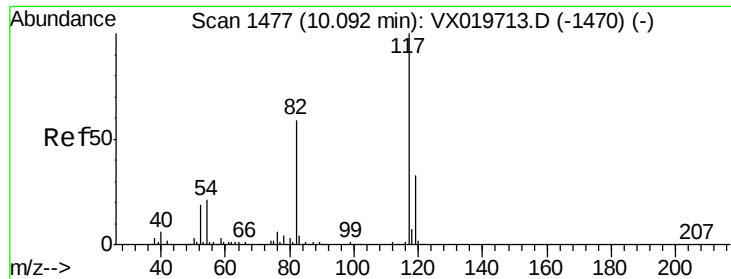
50000

0

11.10 11.20

Time-->

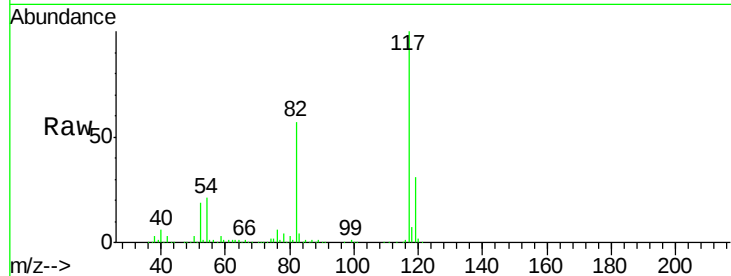




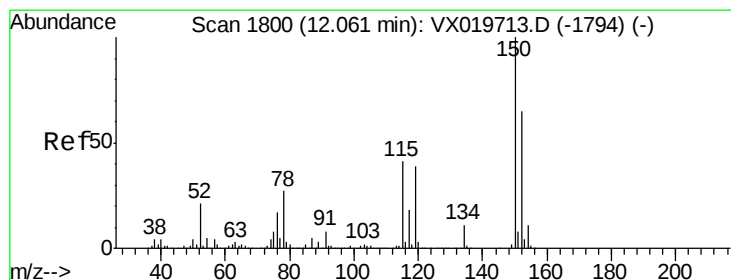
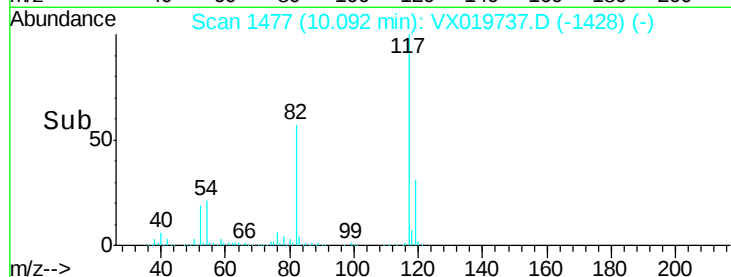
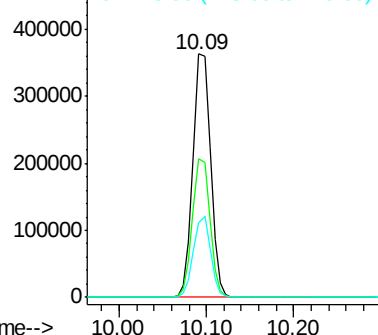
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX019737.D
Acq: 04 Dec 2020 23:10

Instrument :
MSVOA_X
ClientSampleId :
ID039-39-6147-120220

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	47.4	71.2
119	30.8	26.6	39.8

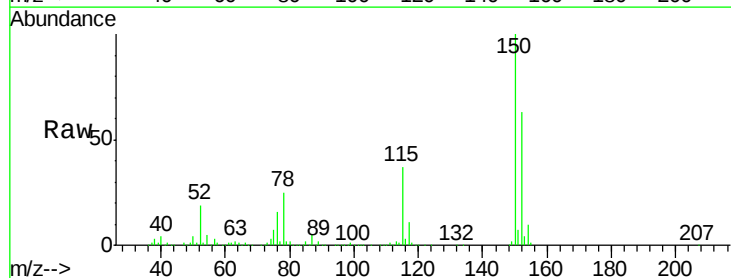


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019737.D
Acq: 04 Dec 2020 23:10

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.0	41.1	123.3
150	160.6	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

