

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112320\
 Data File : VX019552.D
 Acq On : 23 Nov 2020 15:52
 Operator : JC/MD
 Sample : L4798-07
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 48BR-20201118

Quant Time: Nov 24 04:22:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	315393	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	513898	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	435498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	183610	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	189098	46.24	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	92.48%
35) Dibromofluoromethane	5.46	113	152015	47.13	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.26%
50) Toluene-d8	8.70	98	600605	47.91	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.82%
62) 4-Bromofluorobenzene	11.12	95	201182	44.61	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.22%

Target Compounds

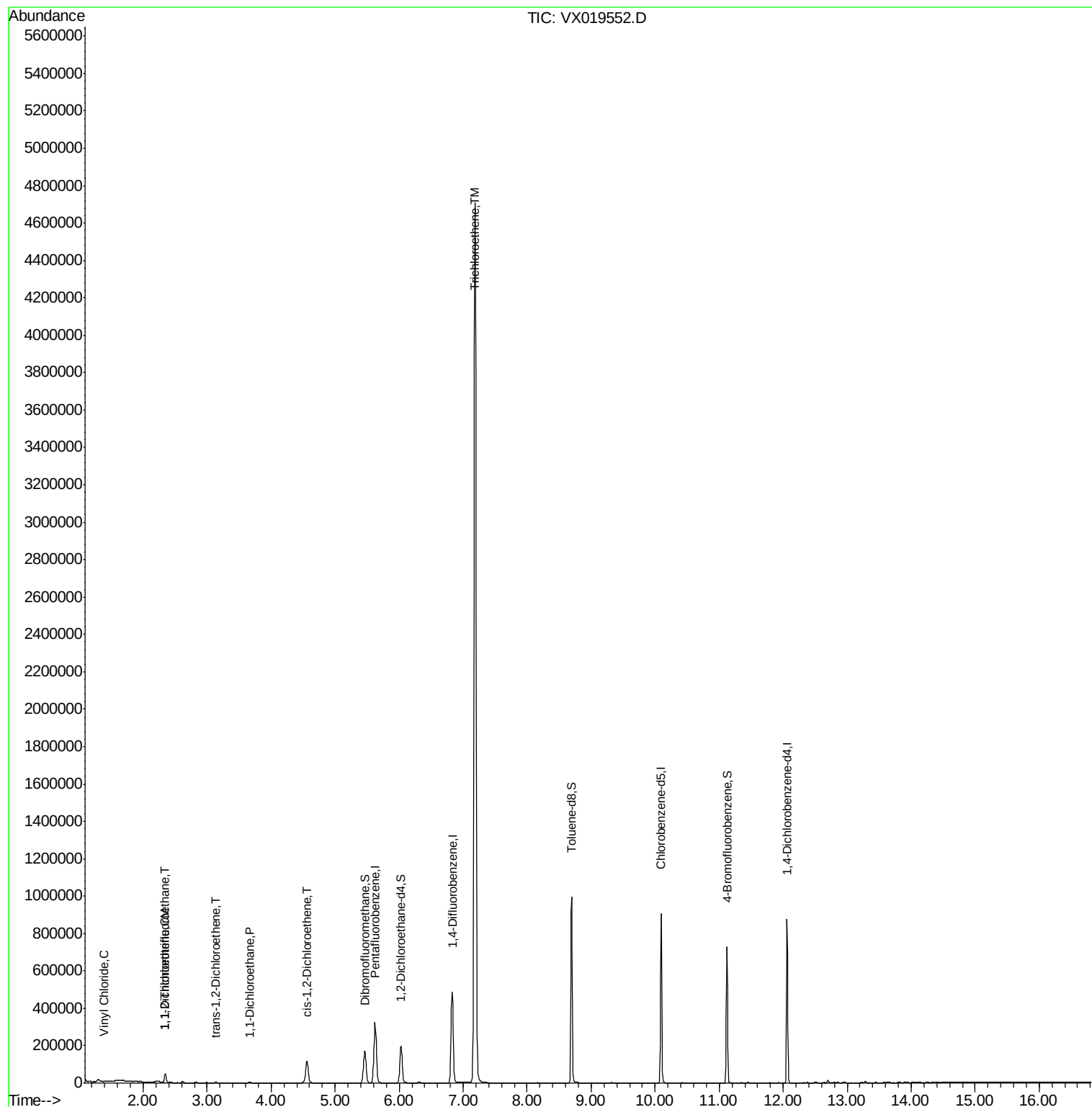
					Qvalue
4) Vinyl Chloride	1.39	62	2661	0.702 ug/l #	67
9) 1,1,2-Trichlorotrifluoroet	2.35	101	3941	1.292 ug/l	99
12) 1,1-Dichloroethene	2.34	96	13471	4.302 ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	1447	0.408 ug/l	98
24) 1,1-Dichloroethane	3.67	63	5476	0.882 ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	78857	19.351 ug/l	91
44) Trichloroethene	7.18	130	1868756	481.961 ug/l	98

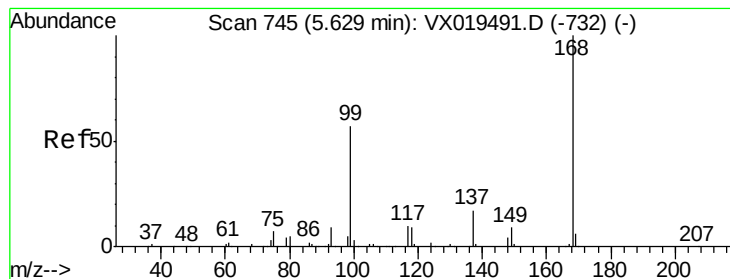
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112320\
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ClientSampleId :
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Quant Time: Nov 24 04:22:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX019552.D

Acq: 23 Nov 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

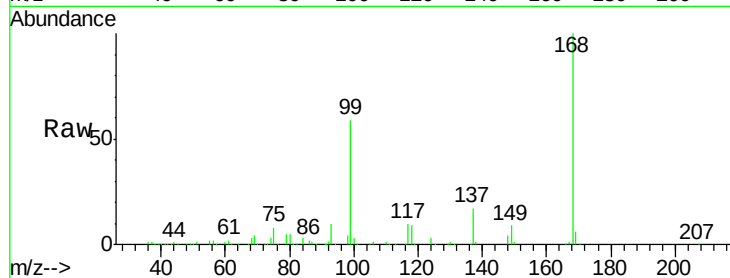
48BR-20201118

Tot Ion:168 Resp: 315393

Ion Ratio Lower Upper

168 100

99 58.6 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

120000

100000

80000

60000

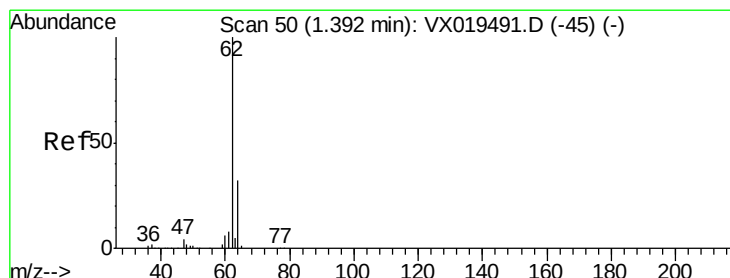
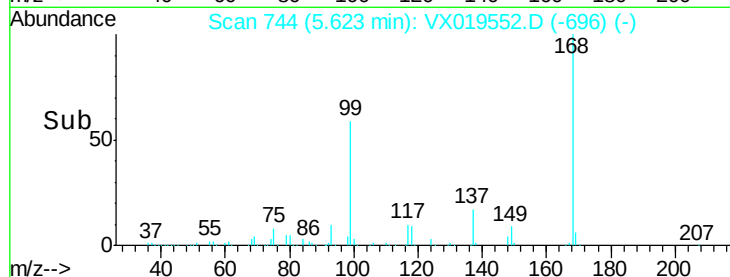
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#4

Vinyl Chloride

Concen: 0.702 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX019552.D

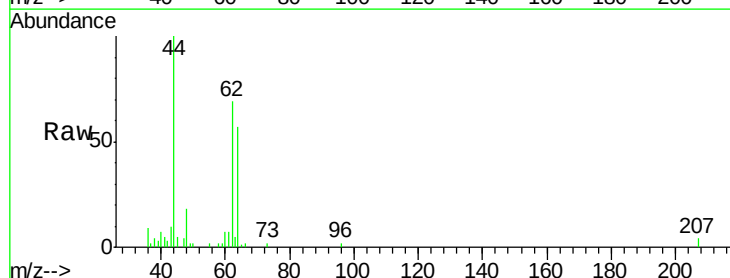
Acq: 23 Nov 2020 15:52

Tgt Ion: 62 Resp: 2661

Ion Ratio Lower Upper

62 100

64 49.9 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

3000

2500

2000

1500

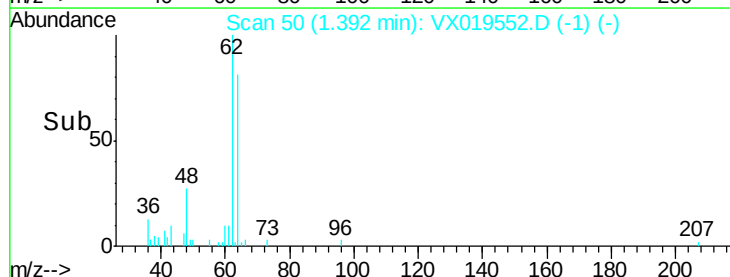
1000

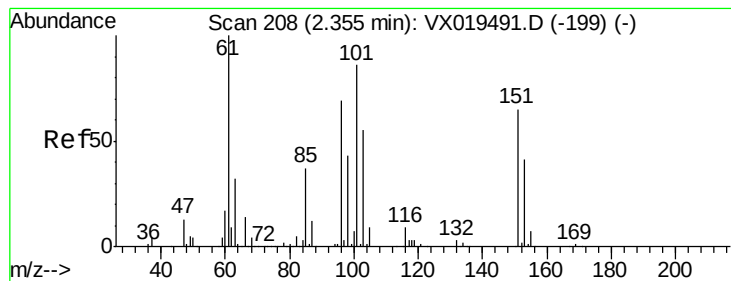
500

0

Time-->

1.35 1.40 1.45





#9

1,1,2-Trichlorotrifluoroethane

Concen: 1.292 ug/l

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX019552.D

Acq: 23 Nov 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

48BR-20201118

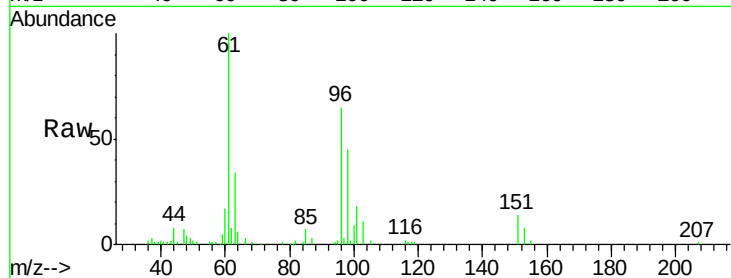
Tot Ion:101 Resp: 3941

Ion Ratio Lower Upper

101 100

85 41.9 33.9 50.9

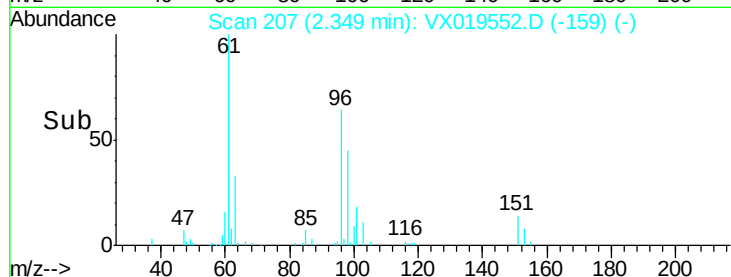
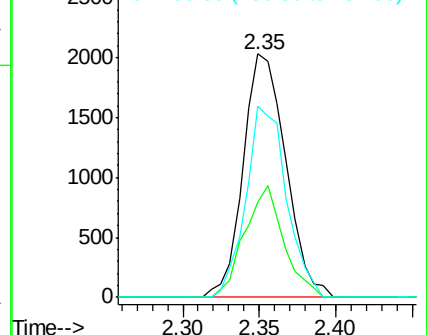
151 74.6 60.9 91.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#12

1,1-Dichloroethene

Concen: 4.302 ug/l

RT: 2.34 min Scan# 206

Delta R.T. -0.00 min

Lab File: VX019552.D

Acq: 23 Nov 2020 15:52

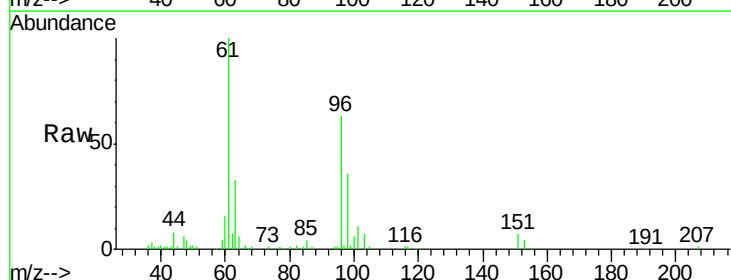
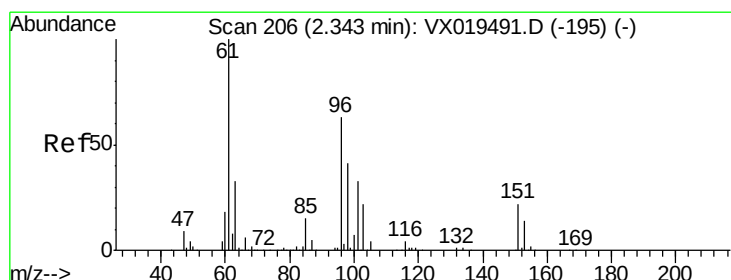
Tgt Ion: 96 Resp: 13471

Ion Ratio Lower Upper

96 100

61 159.0 126.0 189.0

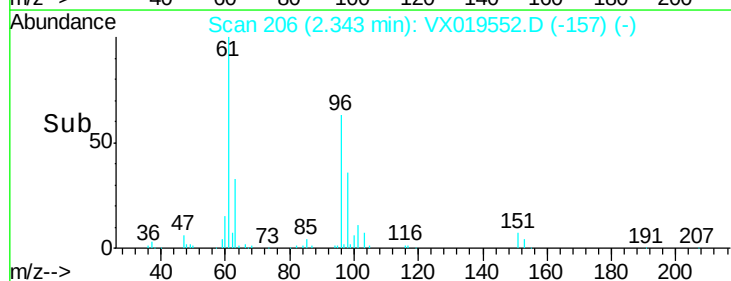
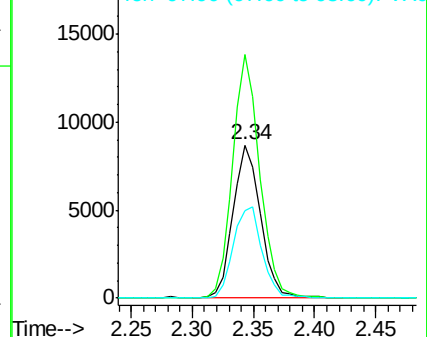
98 57.2 52.0 78.0

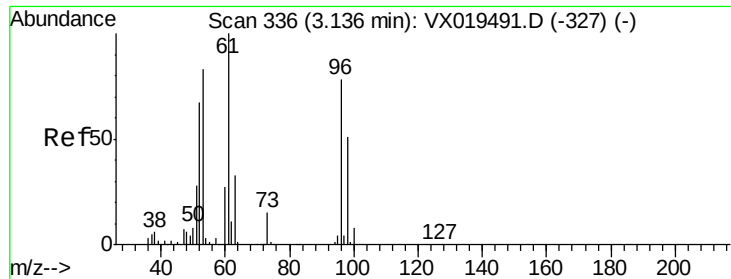


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#21

trans-1,2-Dichloroethene

Concen: 0.408 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX019552.D

Acq: 23 Nov 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

48BR-20201118

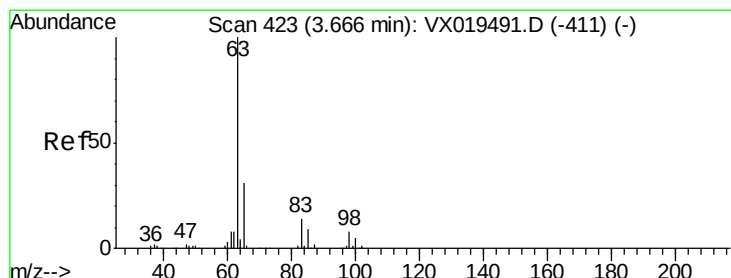
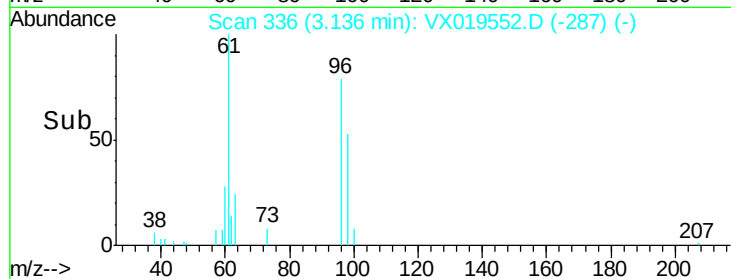
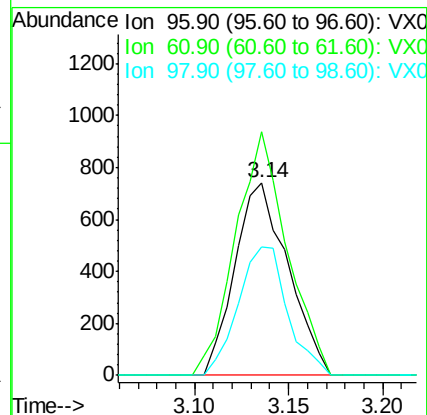
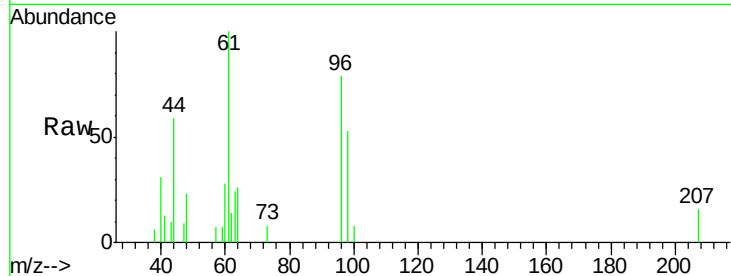
Tot Ion: 96 Resp: 1447

Ion Ratio Lower Upper

96 100

61 126.3 102.9 154.3

98 66.6 52.1 78.1



#24

1,1-Dichloroethane

Concen: 0.882 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX019552.D

Acq: 23 Nov 2020 15:52

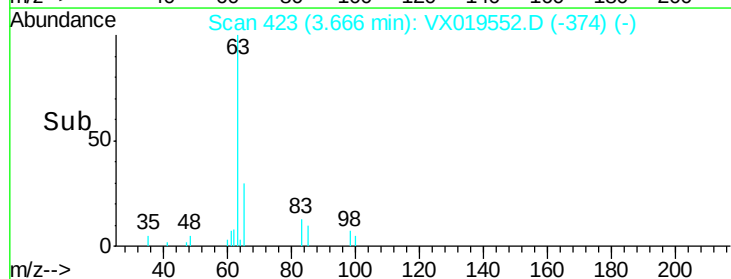
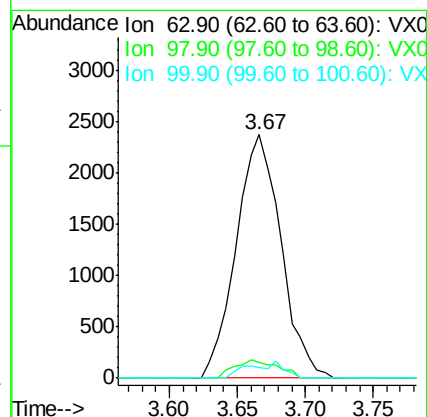
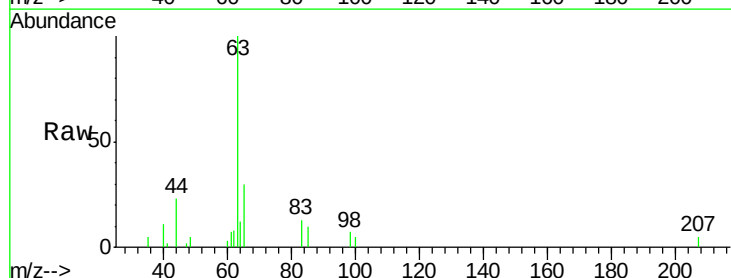
Tgt Ion: 63 Resp: 5476

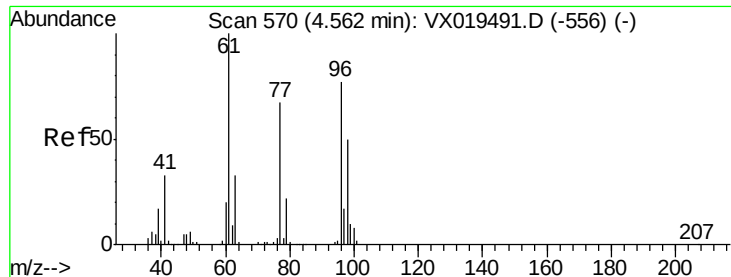
Ion Ratio Lower Upper

63 100

98 6.7 3.9 11.7

100 4.5 2.4 7.1



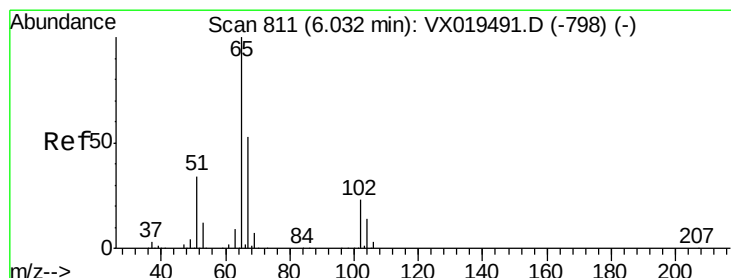
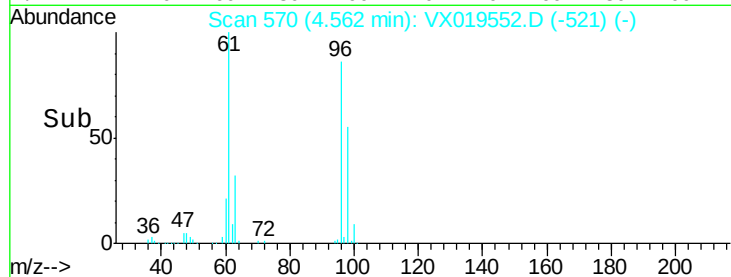
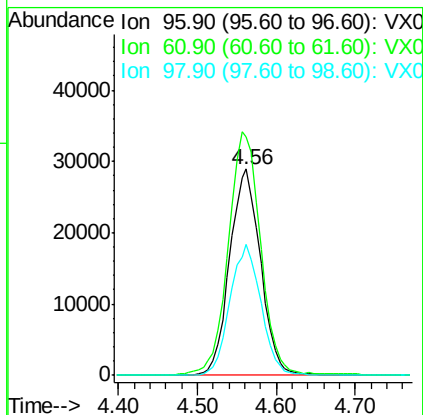
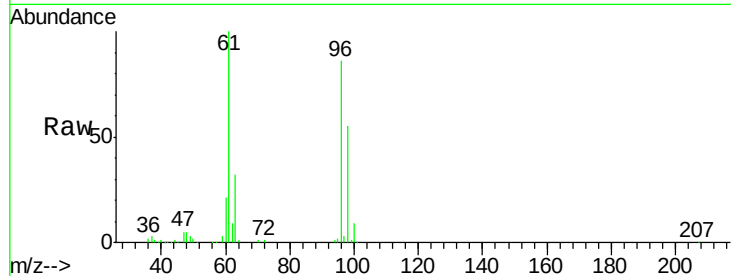


#27

cis-1,2-Dichloroethene
 Concen: 19.351 ug/l
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX019552.D
 Acq: 23 Nov 2020 15:52

Instrument :
 MSVOA_X
 ClientSampleId :
 48BR-20201118

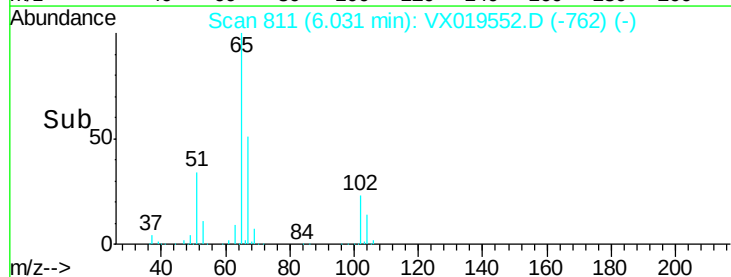
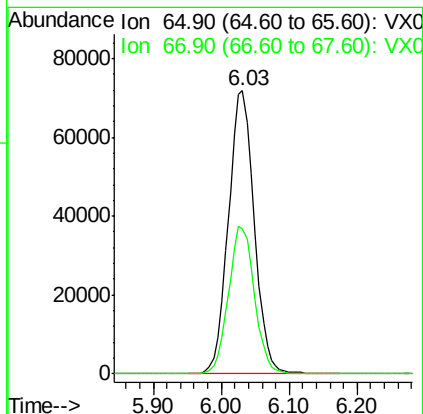
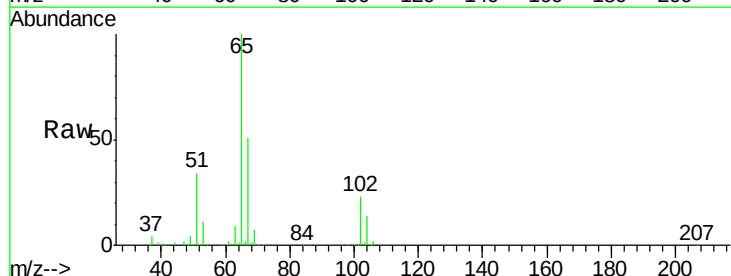
Tot Ion	96	Resp	78857
Ion	Ratio	Lower	Upper
96	100		
61	124.3	0.0	279.2
98	63.7	0.0	129.8

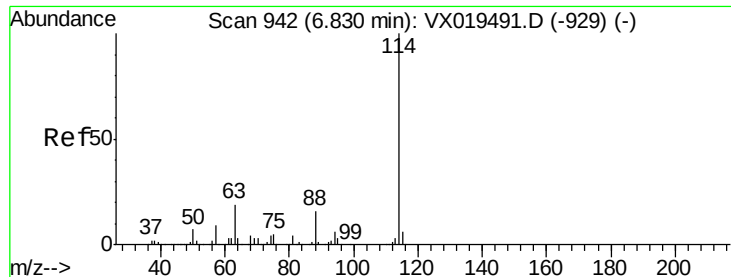


#33

1,2-Dichloroethane-d4
 Concen: 46.242 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019552.D
 Acq: 23 Nov 2020 15:52

Tgt Ion	65	Resp	189098
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX019552.D

Acq: 23 Nov 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

48BR-20201118

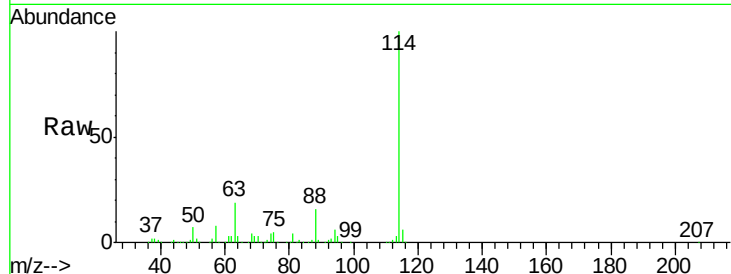
Tot Ion:114 Resp: 513898

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.8

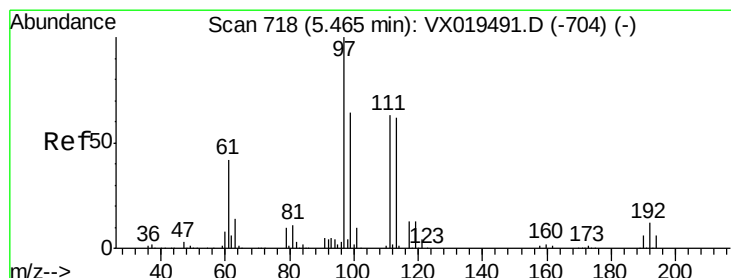
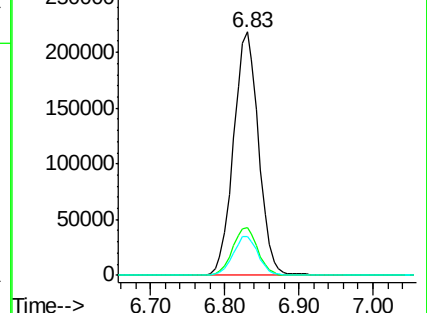
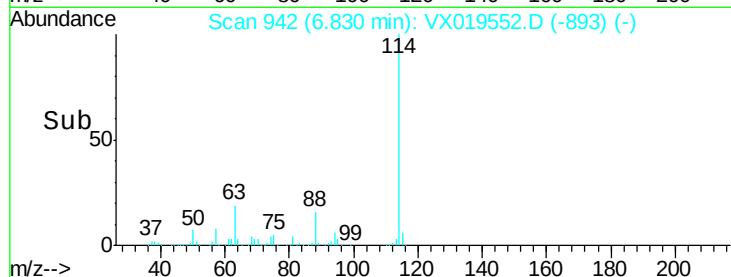
88 15.9 0.0 31.6



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: 47.126 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019552.D

Acq: 23 Nov 2020 15:52

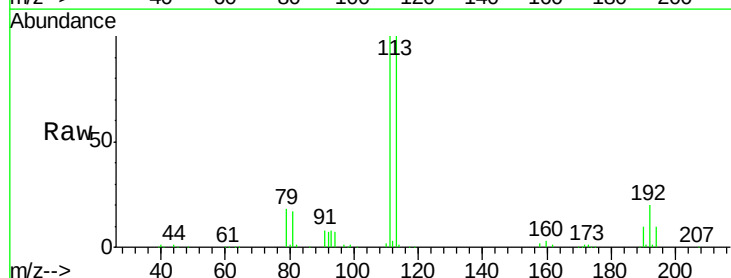
Tgt Ion:113 Resp: 152015

Ion Ratio Lower Upper

113 100

111 102.7 81.5 122.3

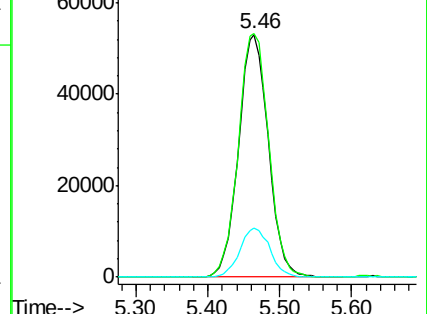
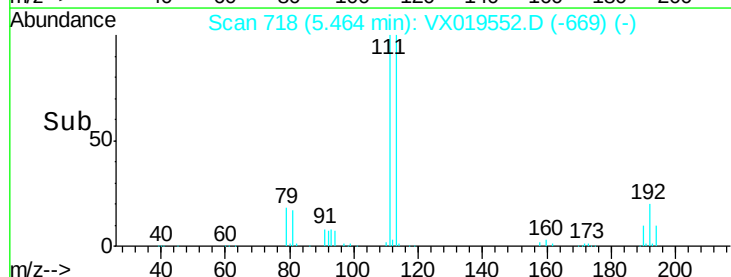
192 20.4 16.2 24.2

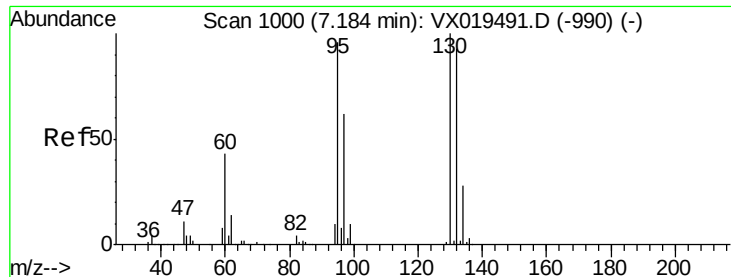


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 481.961 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.00 min

Lab File: VX019552.D

Acq: 23 Nov 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

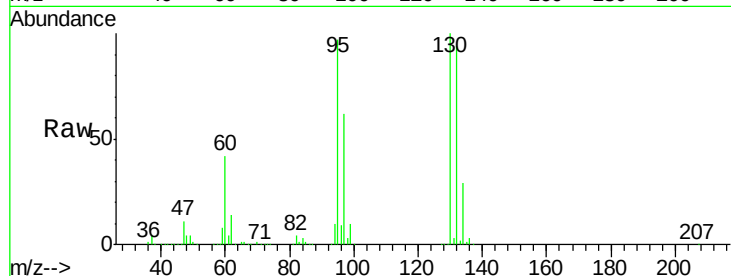
48BR-20201118

Tot Ion:130 Resp: 1868756

Ion Ratio Lower Upper

130 100

95 97.4 0.0 191.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.18

1000000

800000

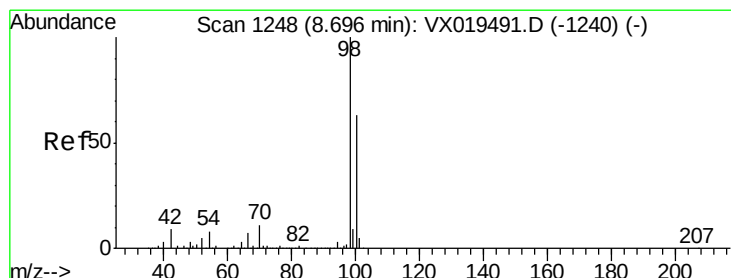
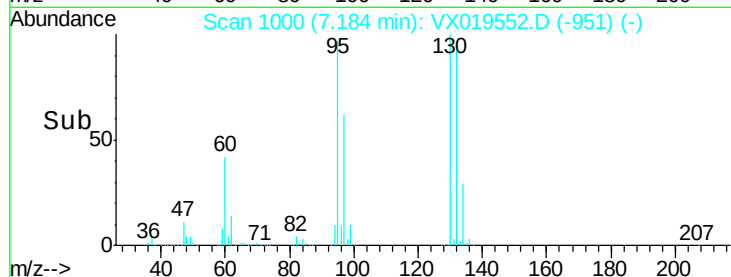
600000

400000

200000

0

Time--> 7.00 7.10 7.20 7.30 7.40



#50

Toluene-d8

Concen: 47.915 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019552.D

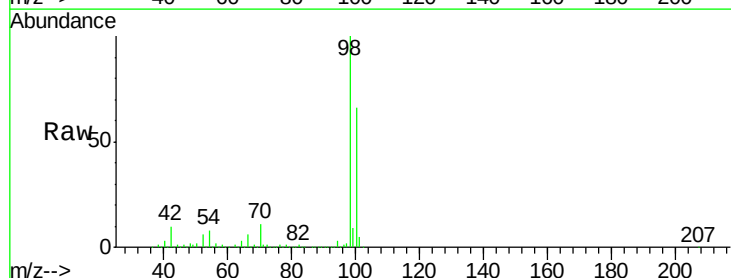
Acq: 23 Nov 2020 15:52

Tgt Ion: 98 Resp: 600605

Ion Ratio Lower Upper

98 100

100 65.6 52.4 78.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

8.70

400000

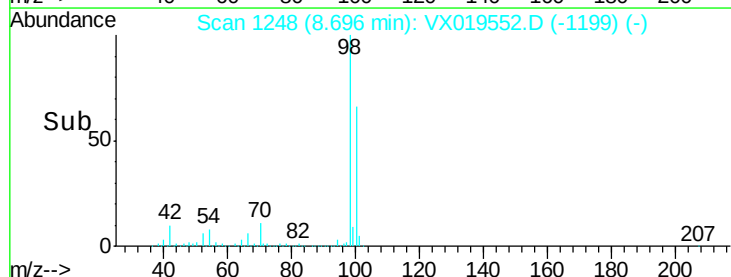
300000

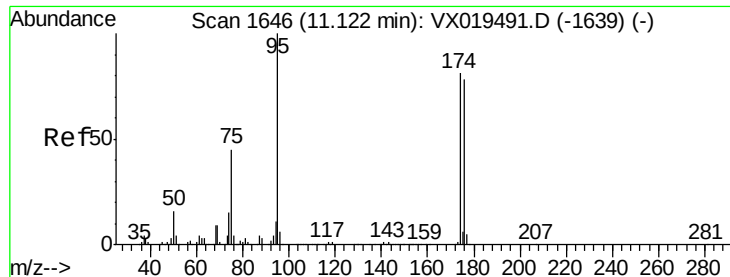
200000

100000

0

Time--> 8.60 8.70 8.80

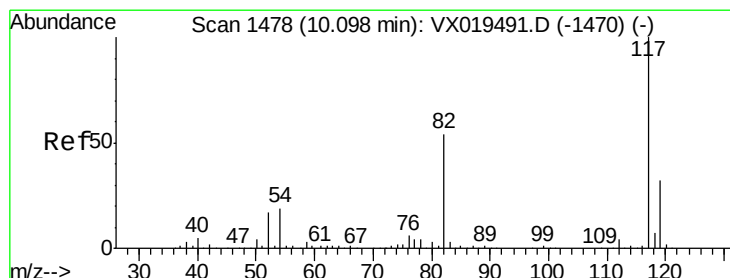
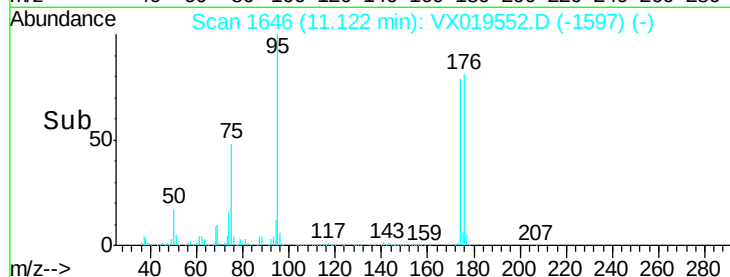
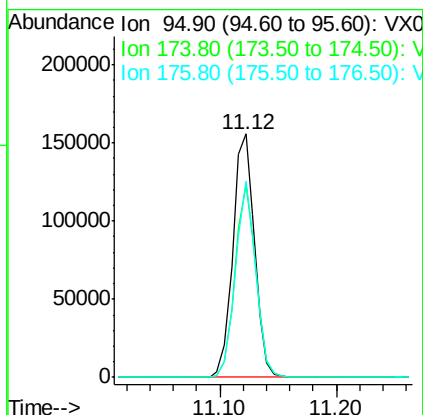
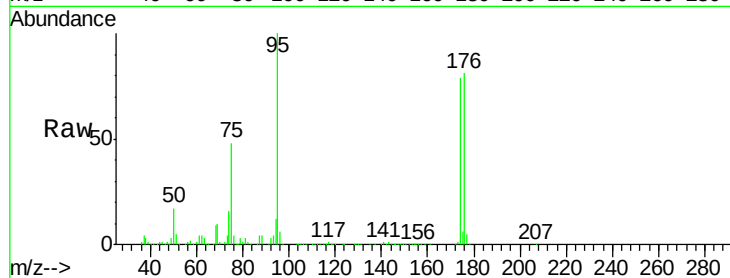




#62
4-Bromofluorobenzene
Concen: 44.609 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019552.D
Acq: 23 Nov 2020 15:52

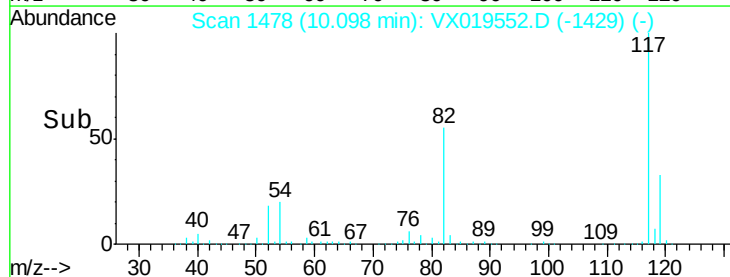
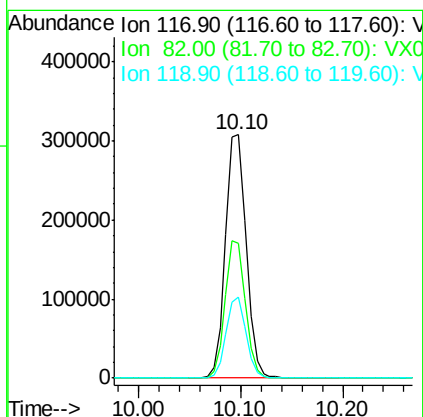
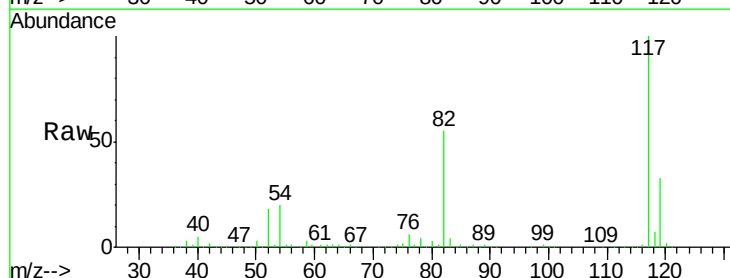
Instrument :
MSVOA_X
ClientSampleId :
48BR-20201118

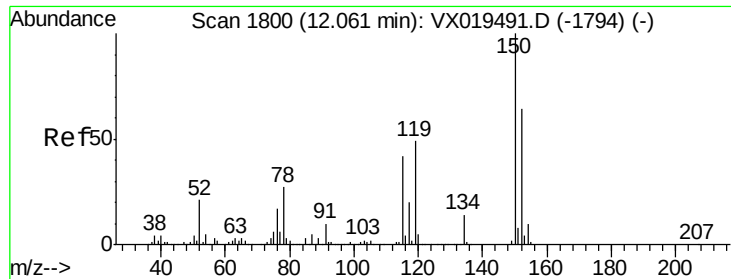
Tot Ion: 95 Resp: 201182
Ion Ratio Lower Upper
95 100
174 76.3 0.0 156.2
176 75.8 0.0 151.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019552.D
Acq: 23 Nov 2020 15:52

Tgt Ion: 117 Resp: 435498
Ion Ratio Lower Upper
117 100
82 55.1 43.0 64.4
119 33.0 25.6 38.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019552.D

Acq: 23 Nov 2020 15:52

Instrument :

MSVOA_X

ClientSampleId :

48BR-20201118

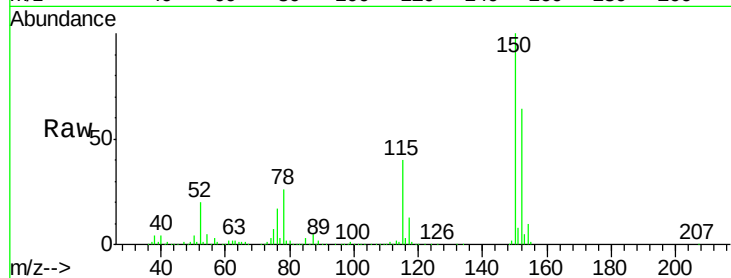
Tot Ion:152 Resp: 183610

Ion Ratio Lower Upper

152 100

115 60.4 41.8 125.4

150 153.9 0.0 348.2



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

