

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX103120\
 Data File : VX019194.D
 Acq On : 29 Oct 2020 17:40
 Operator : JC/MD
 Sample : L4470-02RE
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW179D-GW-20201015RE

Quant Time: Oct 30 04:17:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 27 13:55:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	294054	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	510298	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	483345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	250213	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	197741	52.14	ug/l	0.00
Spiked Amount			Recovery	=	104.28%	
35) Dibromofluoromethane	5.46	113	157191	49.04	ug/l	0.00
Spiked Amount			Recovery	=	98.08%	
50) Toluene-d8	8.70	98	624565	51.69	ug/l	0.00
Spiked Amount			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	11.12	95	244420	53.41	ug/l	0.00
Spiked Amount			Recovery	=	106.82%	

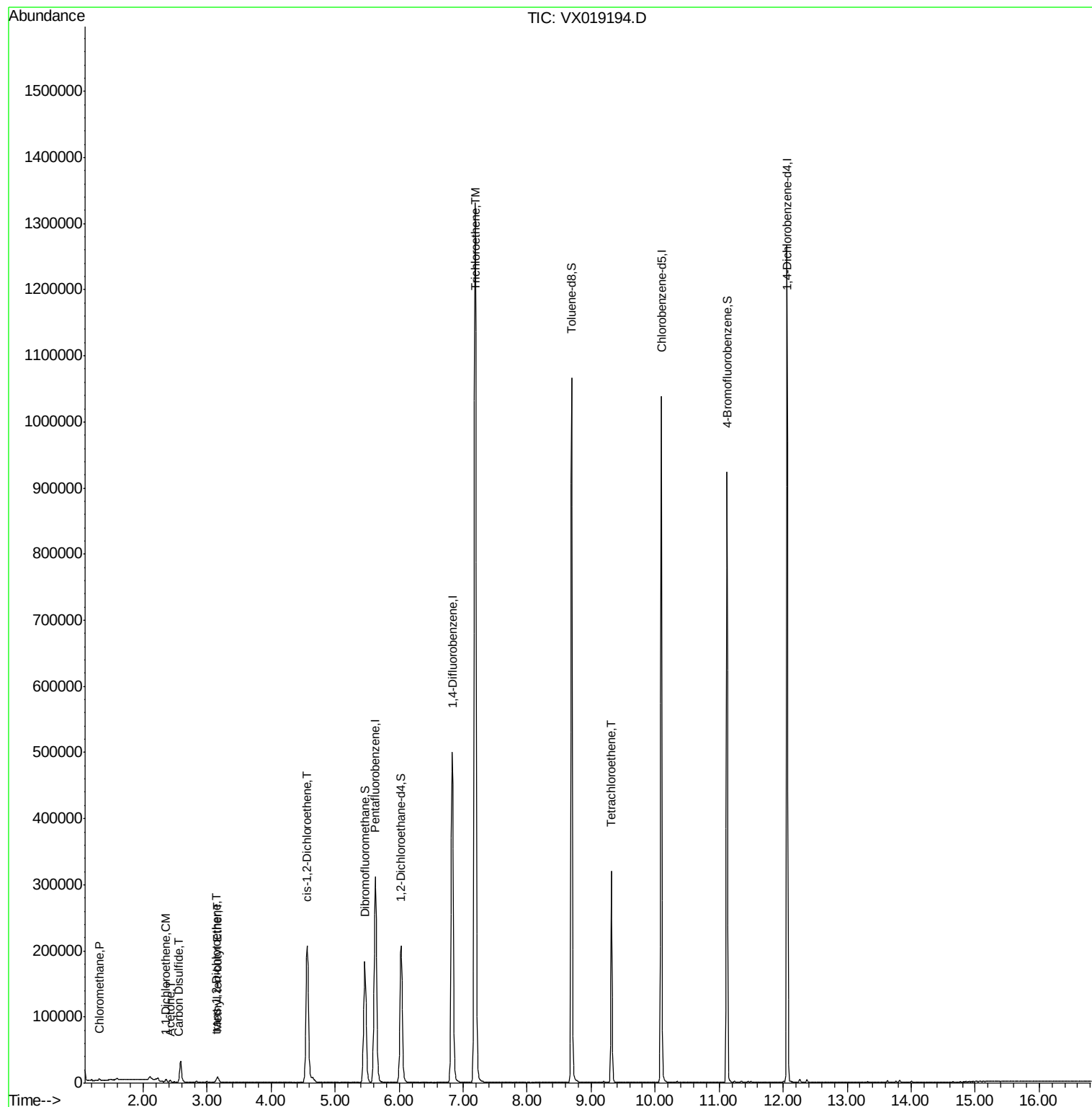
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	1777	0.649	ug/l	97
12) 1,1-Dichloroethene	2.36	96	1261	0.442	ug/l	81
16) Acetone	2.42	43	3315	2.534	ug/l	97
17) Carbon Disulfide	2.55	76	1186	0.904	ug/l #	95
19) Methyl tert-butyl Ether	3.17	73	8358	0.846	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	1097	0.334	ug/l	96
27) cis-1,2-Dichloroethene	4.56	96	135608	36.998	ug/l	92
44) Trichloroethene	7.19	130	510947	133.533	ug/l	97
64) Tetrachloroethene	9.32	164	58019	15.755	ug/l	94

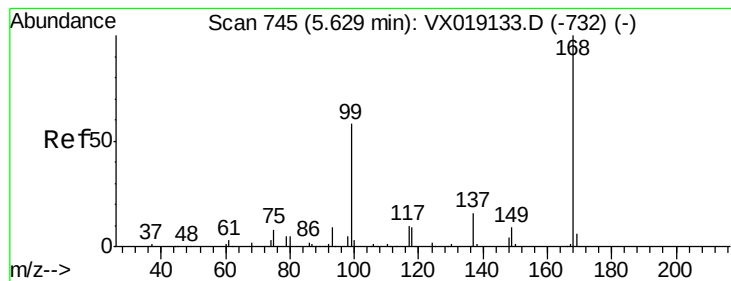
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019194.D

Acq: 29 Oct 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

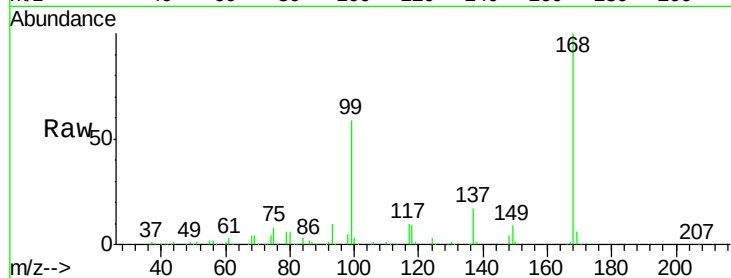
BP-TT-MW179D-GW-20201015RE

Tot Ion:168 Resp: 294054

Ion Ratio Lower Upper

168 100

99 59.5 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

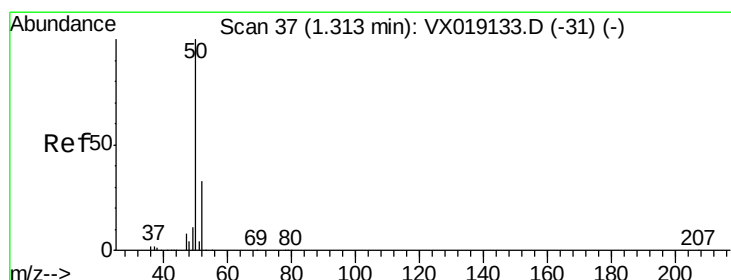
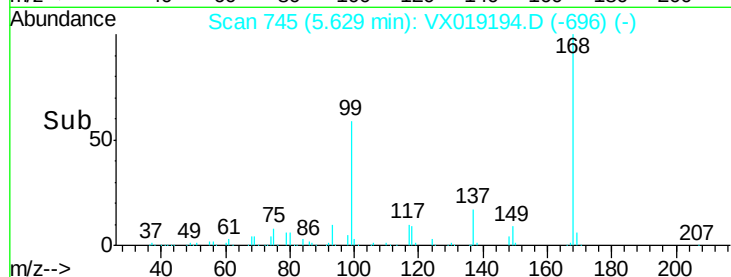
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.649 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019194.D

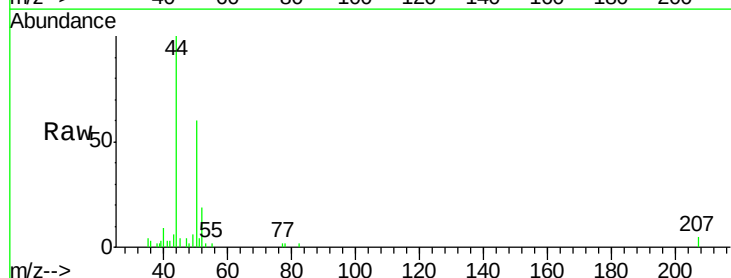
Acq: 29 Oct 2020 17:40

Tgt Ion: 50 Resp: 1777

Ion Ratio Lower Upper

50 100

52 31.8 26.8 40.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.31

2000

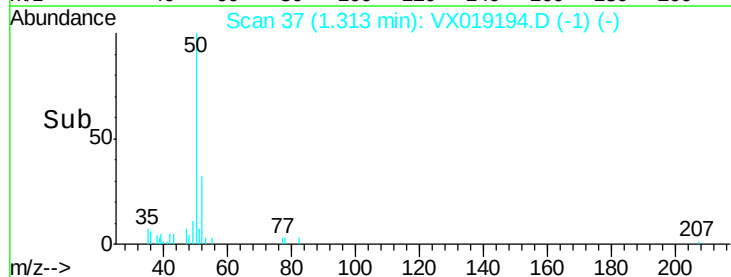
1500

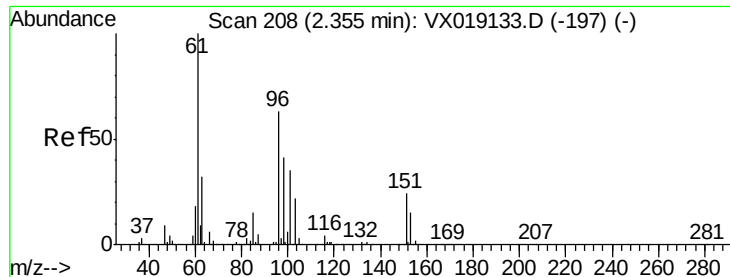
1000

500

0

Time-->





#12

1,1-Dichloroethene

Concen: 0.442 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.01 min

Lab File: VX019194.D

Acq: 29 Oct 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW179D-GW-20201015RE

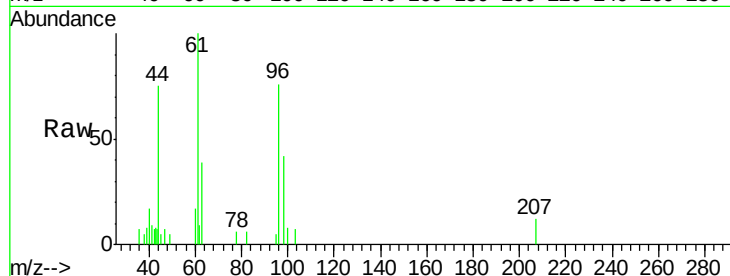
Tot Ion: 96 Resp: 1261

Ion Ratio Lower Upper

96 100

61 132.0 127.7 191.5

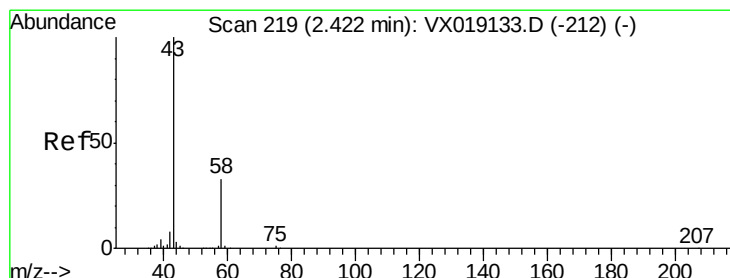
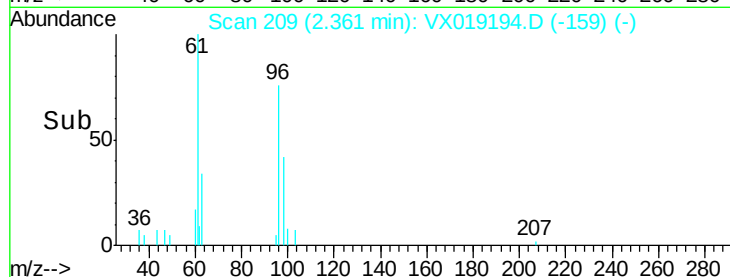
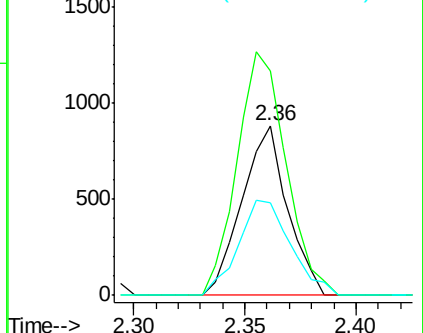
98 54.9 52.1 78.1



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



#16

Acetone

Concen: 2.534 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX019194.D

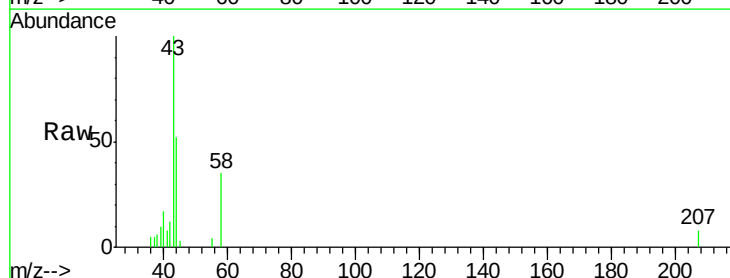
Acq: 29 Oct 2020 17:40

Tgt Ion: 43 Resp: 3315

Ion Ratio Lower Upper

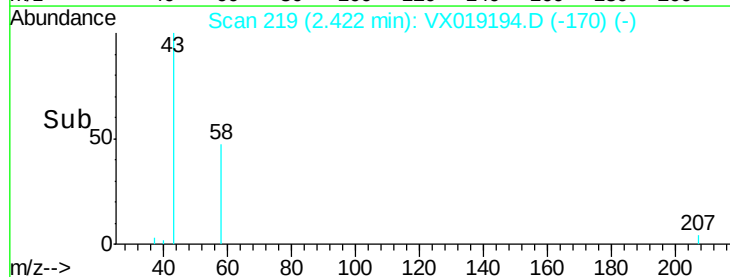
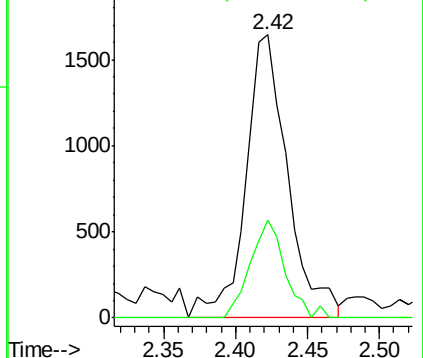
43 100

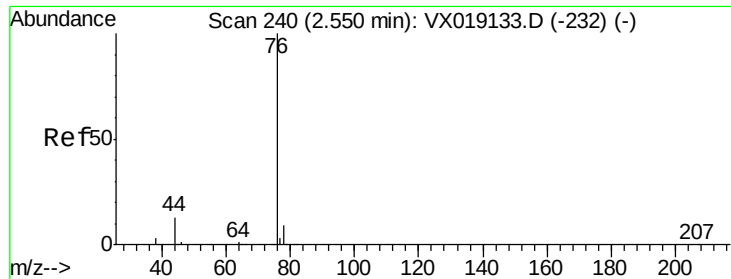
58 34.6 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.904 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX019194.D

Acq: 29 Oct 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

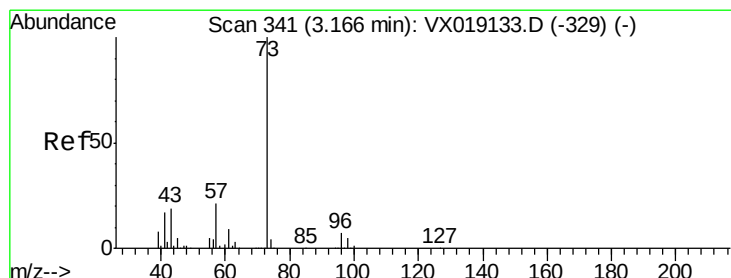
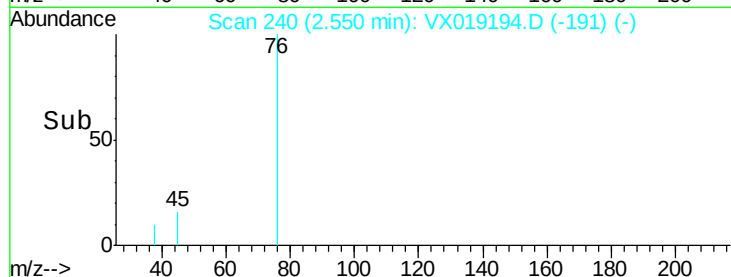
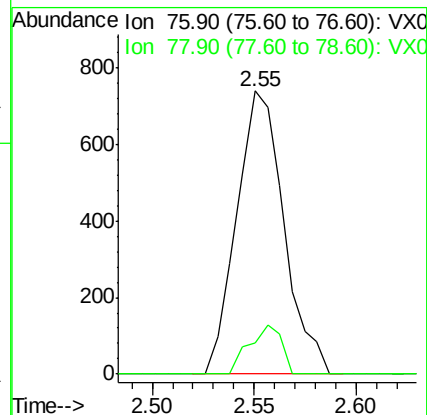
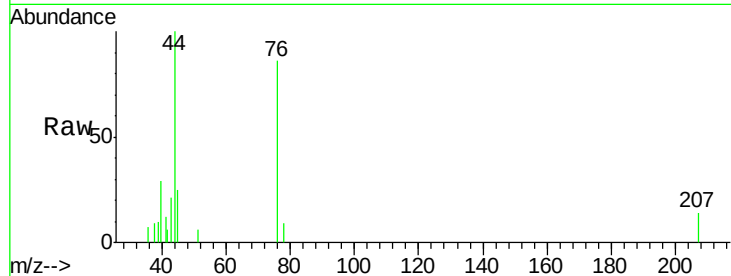
BP-TT-MW179D-GW-20201015RE

Tot Ion: 76 Resp: 1186

Ion Ratio Lower Upper

76 100

78 11.0 7.3 10.9#



#19

Methyl tert-butyl Ether

Concen: 0.846 ug/l

RT: 3.17 min Scan# 341

Delta R.T. 0.00 min

Lab File: VX019194.D

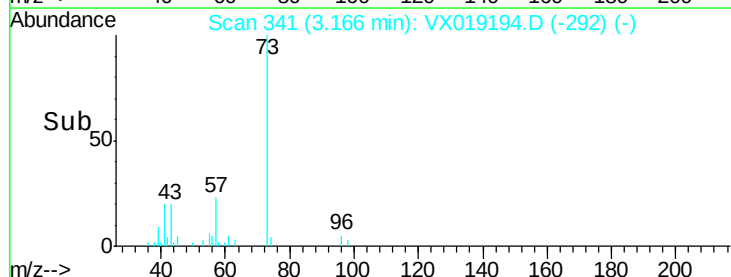
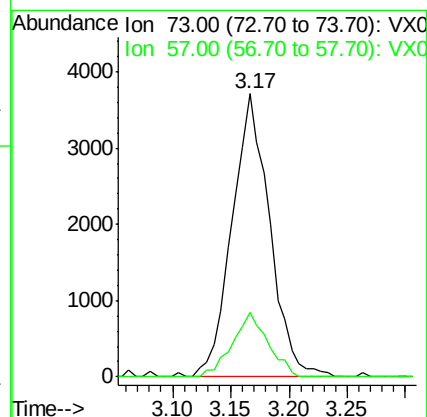
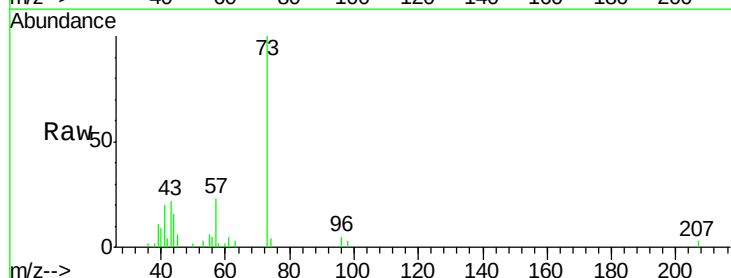
Acq: 29 Oct 2020 17:40

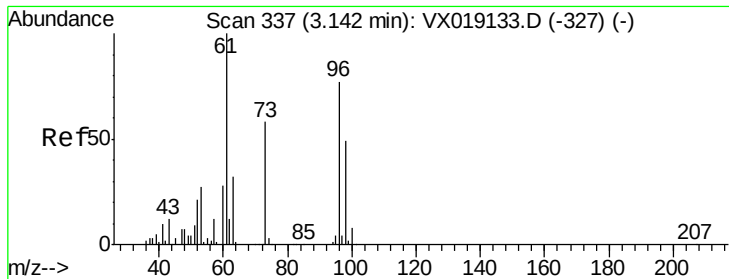
Tgt Ion: 73 Resp: 8358

Ion Ratio Lower Upper

73 100

57 22.9 16.6 25.0





#21

trans-1,2-Dichloroethene

Concen: 0.334 ug/l

RT: 3.14 min Scan# 337

Delta R.T. 0.00 min

Lab File: VX019194.D

Acq: 29 Oct 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW179D-GW-20201015RE

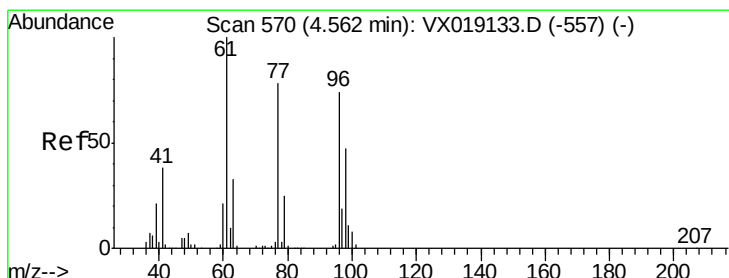
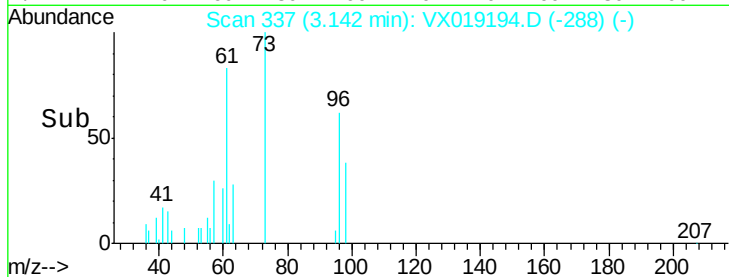
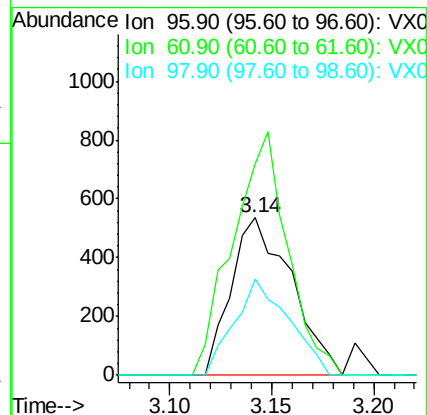
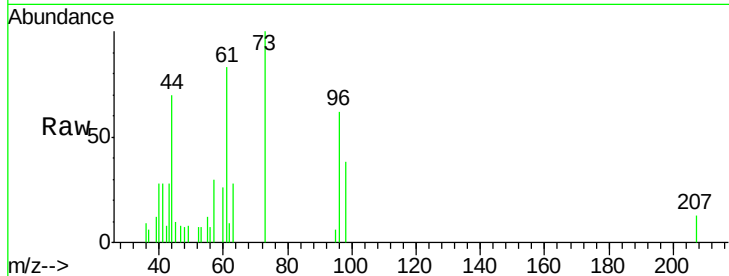
Tot Ion: 96 Resp: 1097

Ion Ratio Lower Upper

96 100

61 134.3 104.2 156.4

98 61.2 51.3 76.9



#27

cis-1,2-Dichloroethene

Concen: 36.998 ug/l

RT: 4.56 min Scan# 570

Delta R.T. 0.00 min

Lab File: VX019194.D

Acq: 29 Oct 2020 17:40

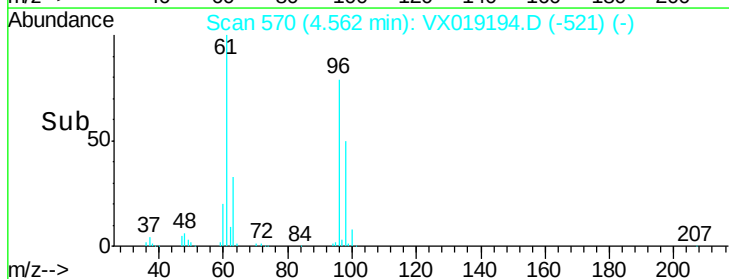
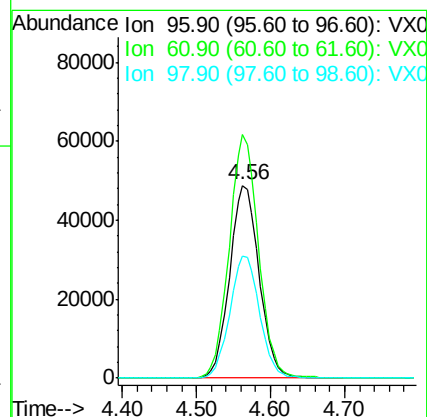
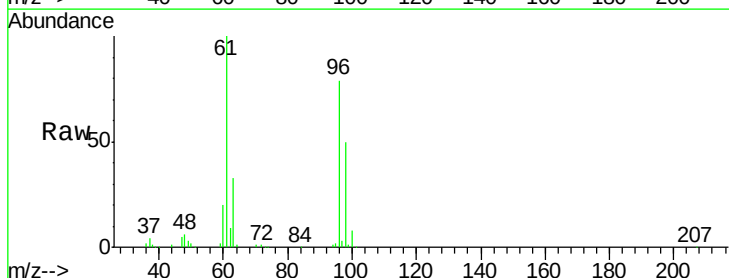
Tgt Ion: 96 Resp: 135608

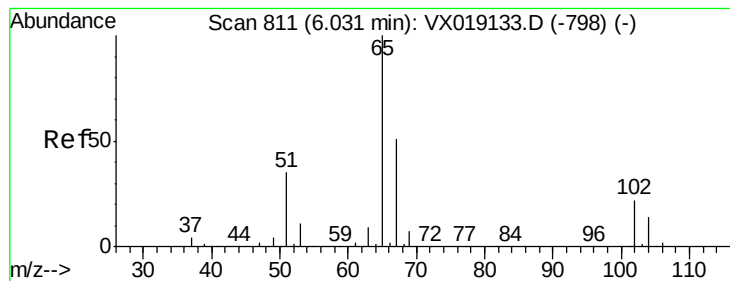
Ion Ratio Lower Upper

96 100

61 125.3 0.0 278.8

98 63.7 0.0 130.2





#33

1,2-Dichloroethane-d4

Concen: 52.144 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019194.D

Acq: 29 Oct 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

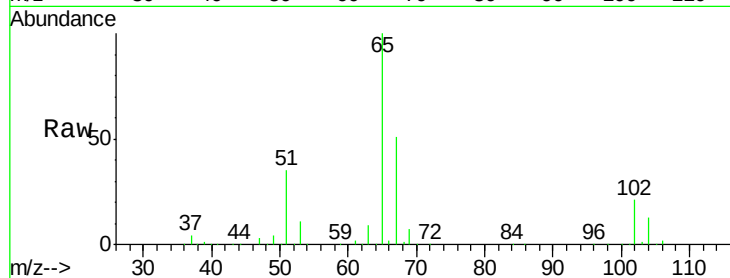
BP-TT-MW179D-GW-20201015RE

Tot Ion: 65 Resp: 197741

Ion Ratio Lower Upper

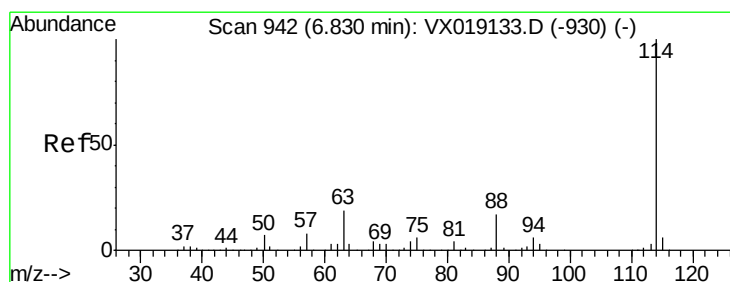
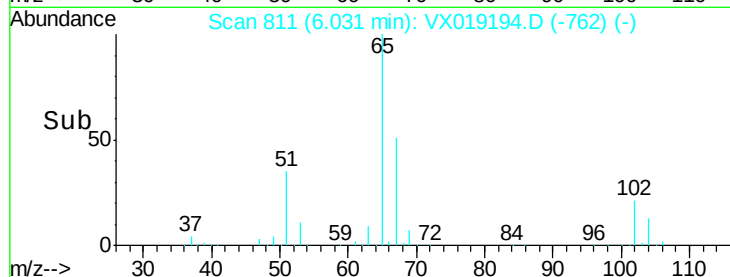
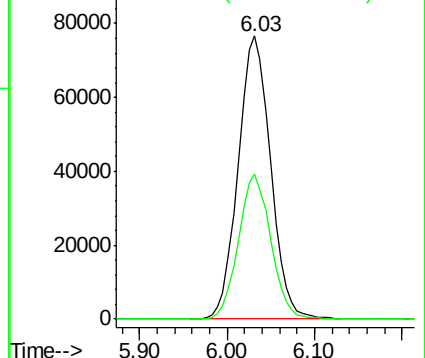
65 100

67 51.1 0.0 103.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019194.D

Acq: 29 Oct 2020 17:40

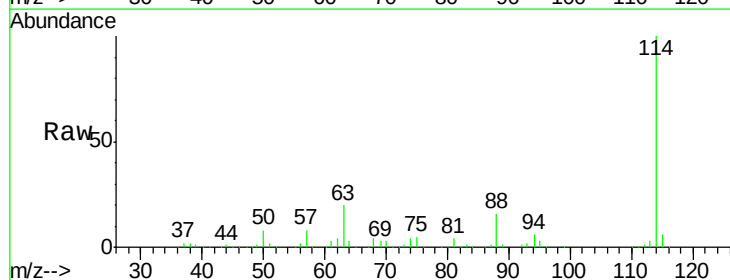
Tgt Ion: 114 Resp: 510298

Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.8

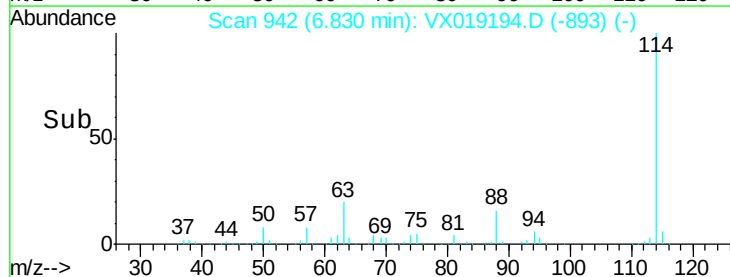
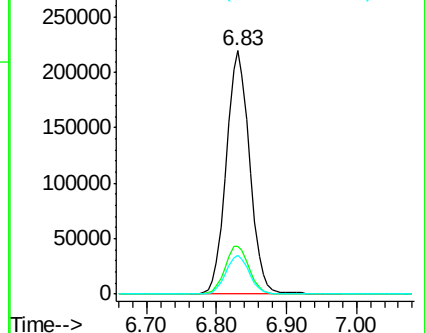
88 15.8 0.0 34.2

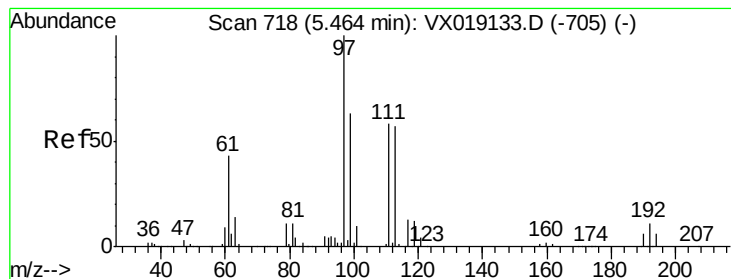


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.040 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019194.D

Acq: 29 Oct 2020 17:40

Instrument :

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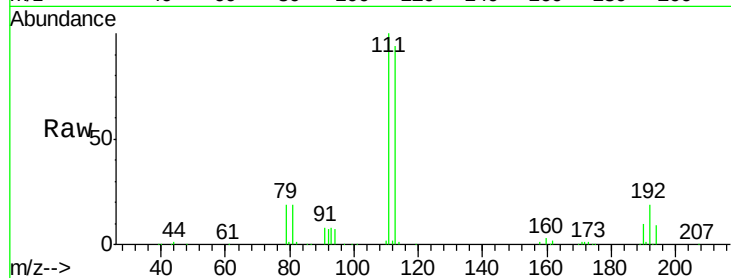
Tot Ion:113 Resp: 157191

Ion Ratio Lower Upper

113 100

111 103.3 82.3 123.5

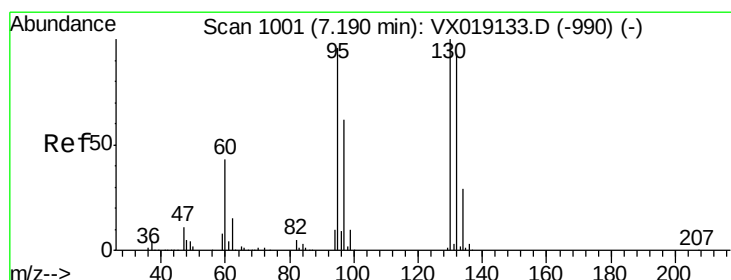
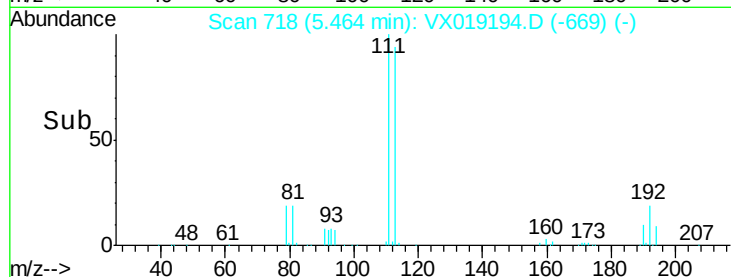
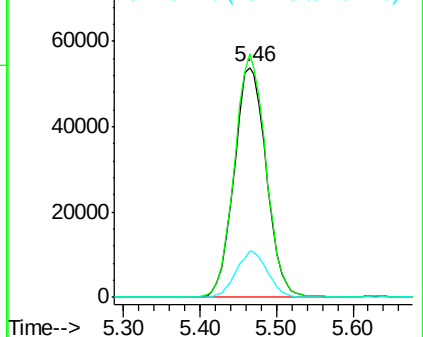
192 19.6 16.2 24.2



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: 133.533 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX019194.D

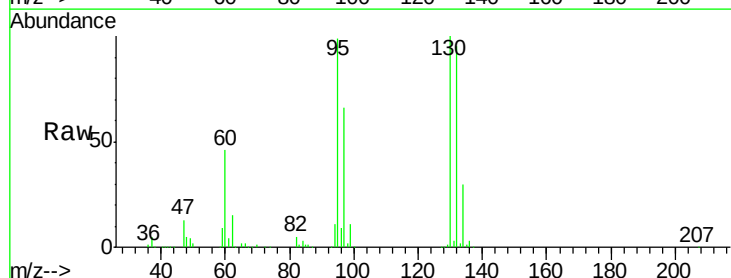
Acq: 29 Oct 2020 17:40

Tgt Ion:130 Resp: 510947

Ion Ratio Lower Upper

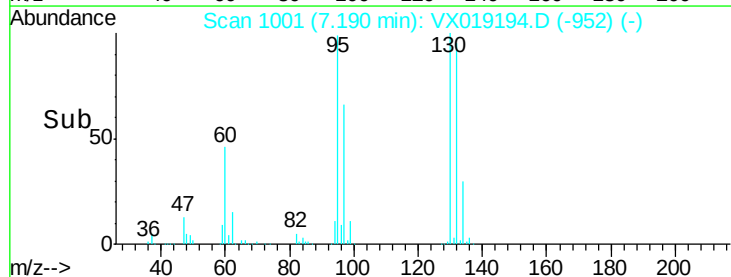
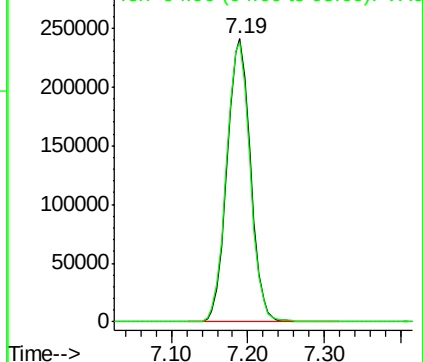
130 100

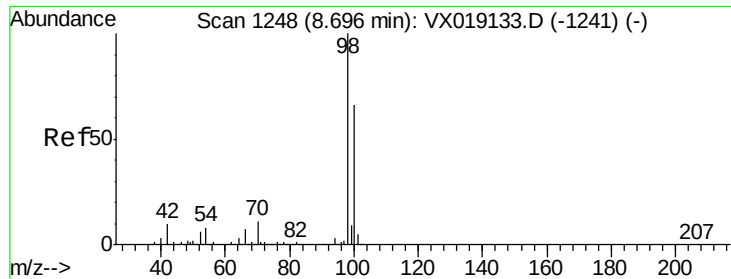
95 98.6 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V

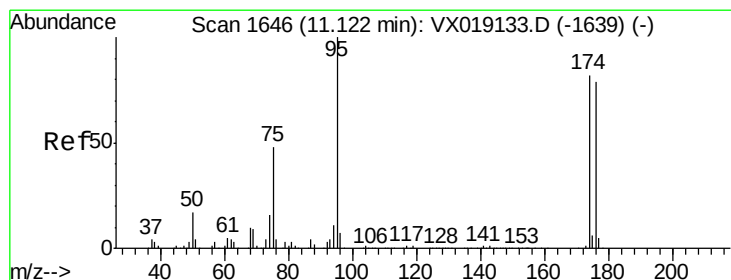
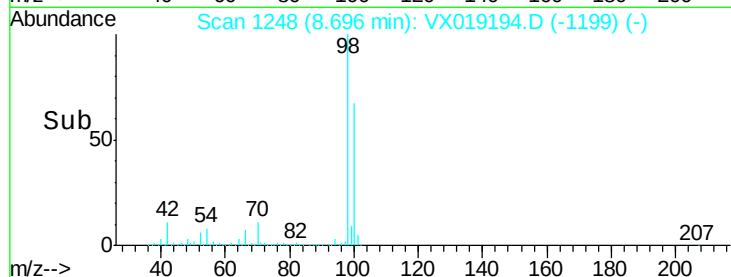
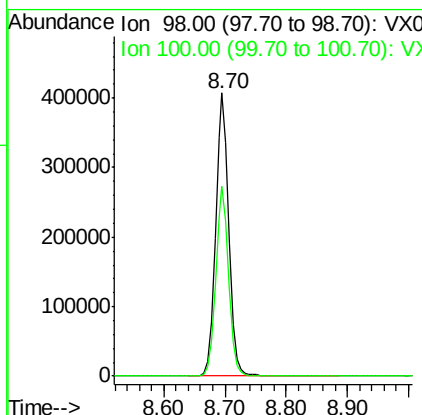
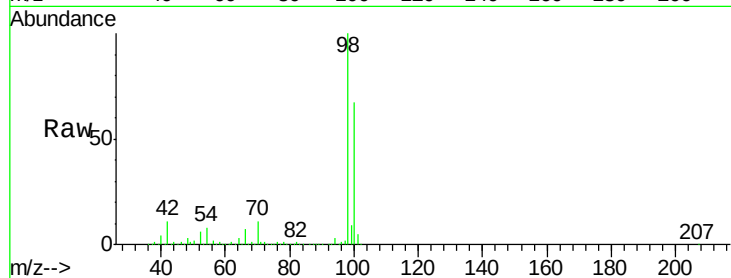




#50
Toluene-d8
Concen: 51.689 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019194.D
Acq: 29 Oct 2020 17:40

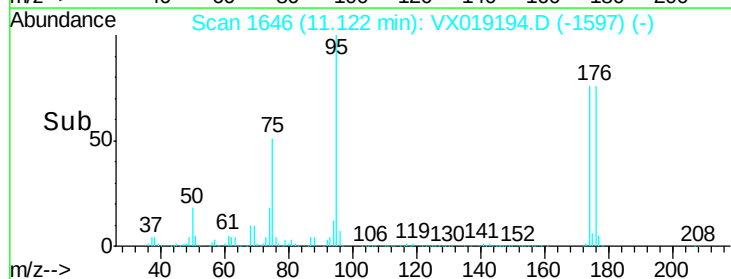
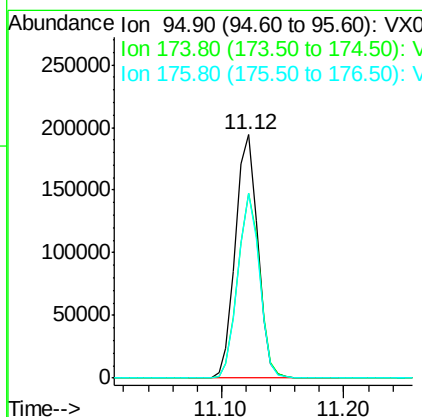
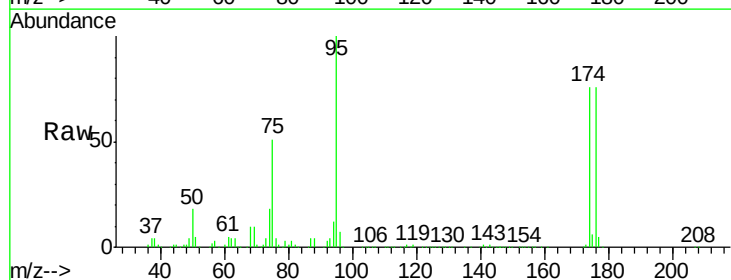
Instrument :
MSVOA_X
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BP-TT-MW179D-GW-20201015RE

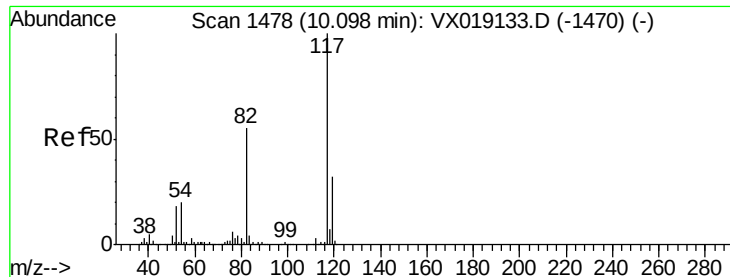
Tot Ion: 98 Resp: 624565
Ion Ratio Lower Upper
98 100
100 66.0 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 53.414 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019194.D
Acq: 29 Oct 2020 17:40

Tgt Ion: 95 Resp: 244420
Ion Ratio Lower Upper
95 100
174 74.7 0.0 156.0
176 73.4 0.0 149.8

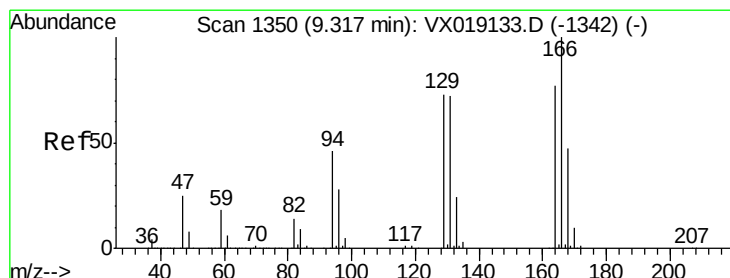
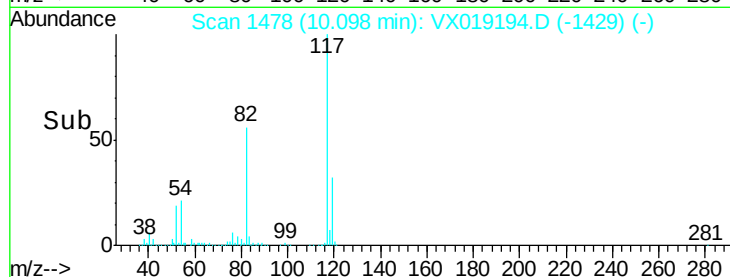
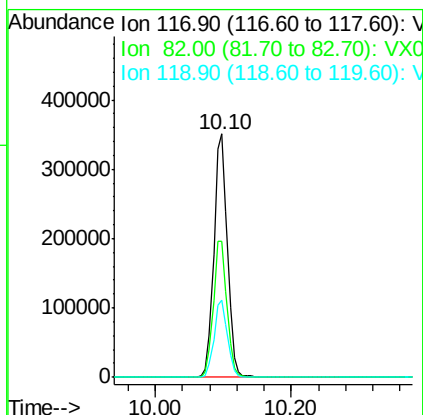
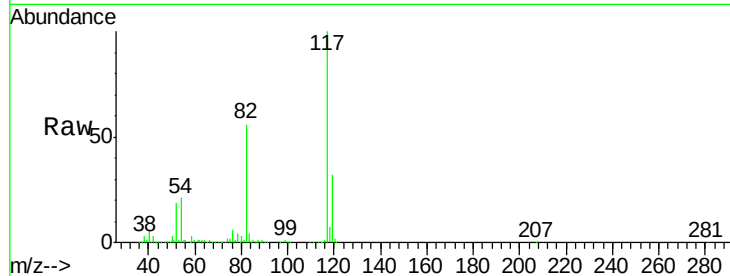




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019194.D
Acq: 29 Oct 2020 17:40

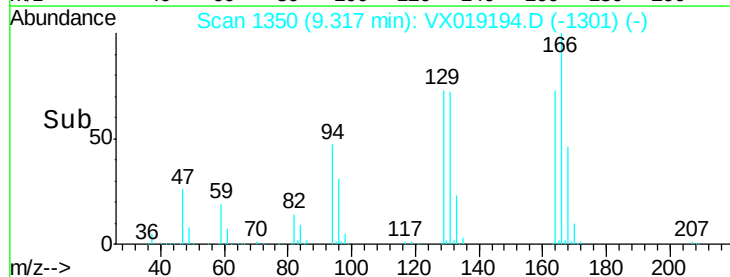
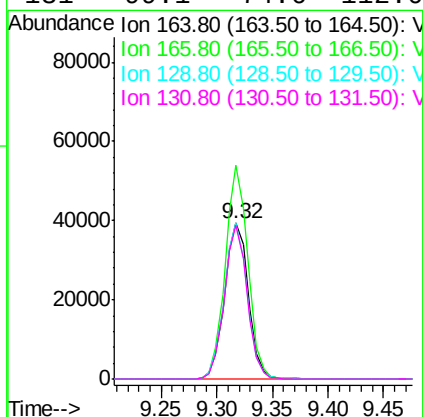
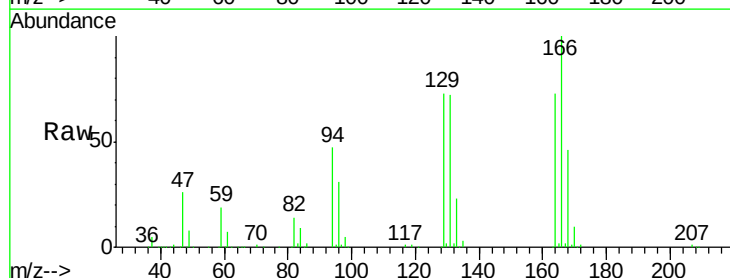
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW179D-GW-20201015RE

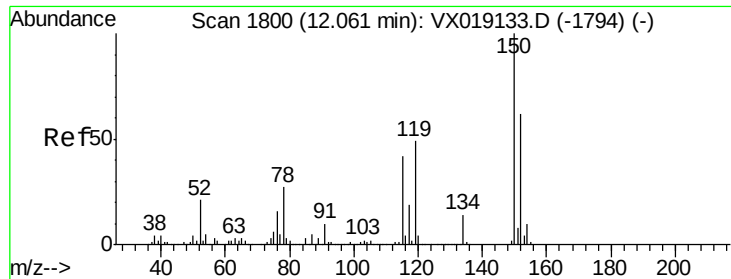
Tot Ion:117 Resp: 483345
Ion Ratio Lower Upper
117 100
82 55.7 43.6 65.4
119 31.8 25.5 38.3



#64
Tetrachloroethene
Concen: 15.755 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019194.D
Acq: 29 Oct 2020 17:40

Tgt Ion:164 Resp: 58019
Ion Ratio Lower Upper
164 100
166 137.2 104.1 156.1
129 100.0 76.2 114.4
131 99.1 74.6 112.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX019194.D

Acq: 29 Oct 2020 17:40

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW179D-GW-20201015RE

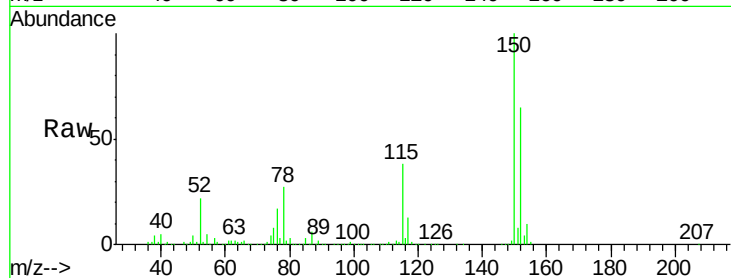
Tot Ion:152 Resp: 250213

Ion Ratio Lower Upper

152 100

115 59.7 41.9 125.7

150 155.7 0.0 347.8



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

