

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX102320\
 Data File : VX019106.D
 Acq On : 24 Oct 2020 04:51
 Operator : JC/SP
 Sample : L4470-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 44 Sample Multiplier: 1

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

Quant Time: Nov 03 11:03:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

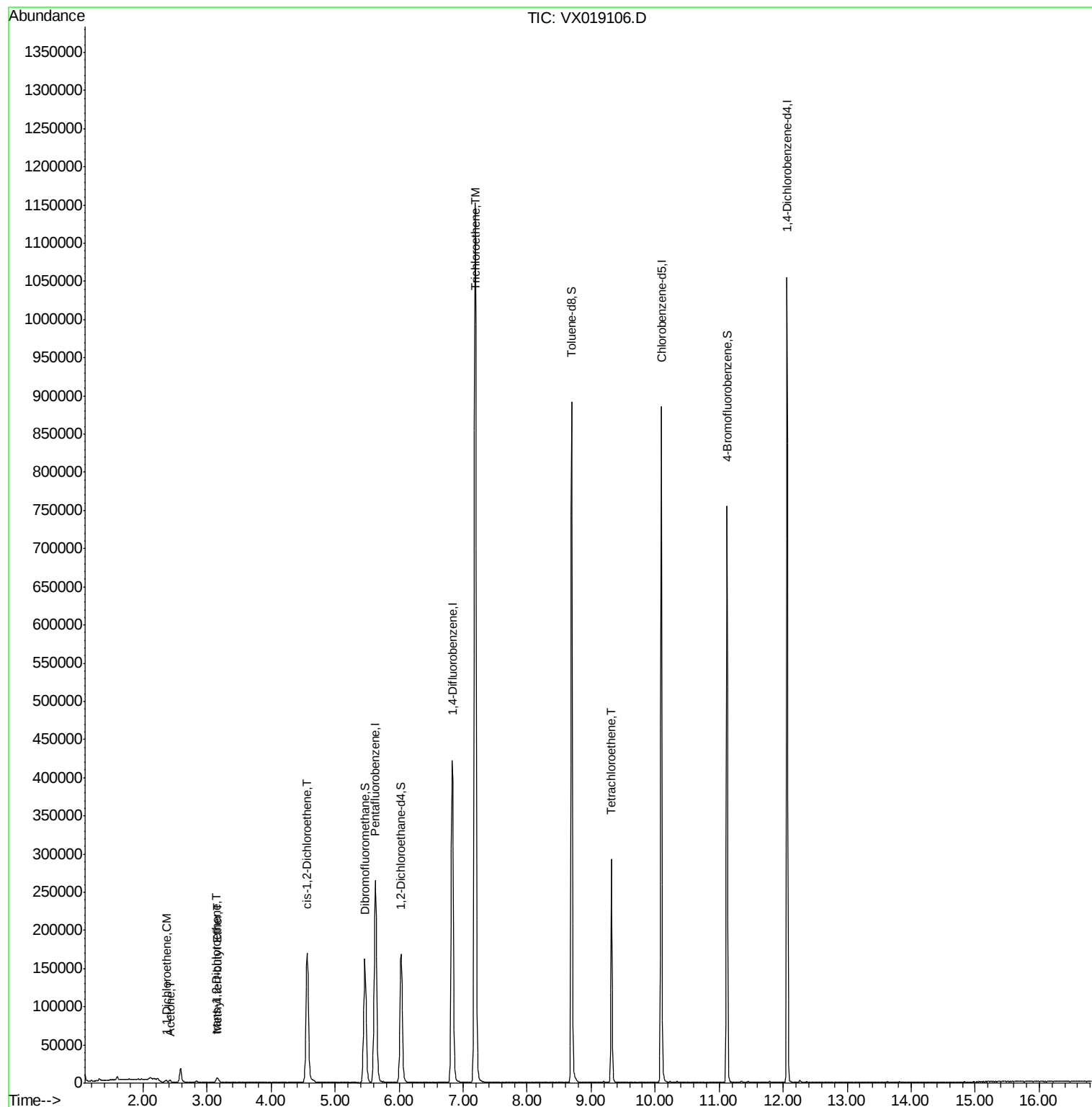
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	262370	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	453077	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	428820	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	214987	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	159877	50.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.74%	
35) Dibromofluoromethane	5.46	113	138768	48.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.76%	
50) Toluene-d8	8.70	98	558407	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	11.12	95	196361	50.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.86%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.36	96	1069	0.419	ug/l	96
16) Acetone	2.42	43	2424	2.264	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	6755	0.835	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	1221	0.410	ug/l #	81
27) cis-1,2-Dichloroethene	4.56	96	115513	34.157	ug/l	90
44) Trichloroethene	7.19	130	456909	130.855	ug/l	99
64) Tetrachloroethene	9.32	164	53774	16.470	ug/l	92

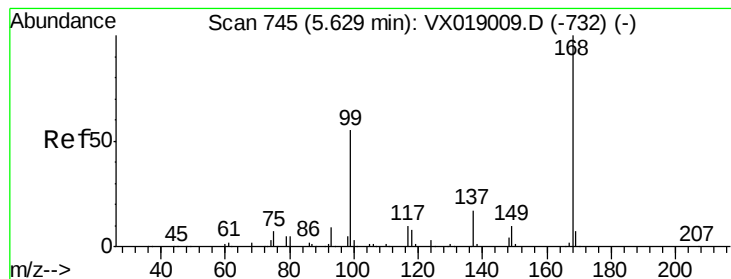
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 22 17:51:42 2020
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: VX019106.D

Acq: 24 Oct 2020 04:51

Instrument :

MSVOA_X

ClientSampleId :

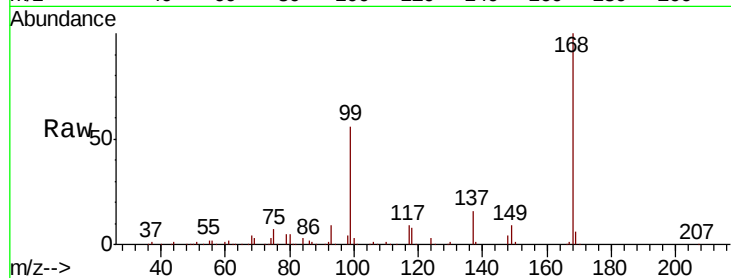
BP-TT-MW179D-GW-20201015

Tot Ion:168 Resp: 262370

Ion Ratio Lower Upper

168 100

99 55.6 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

100000

80000

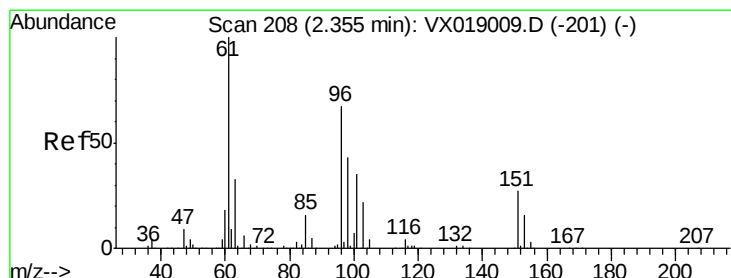
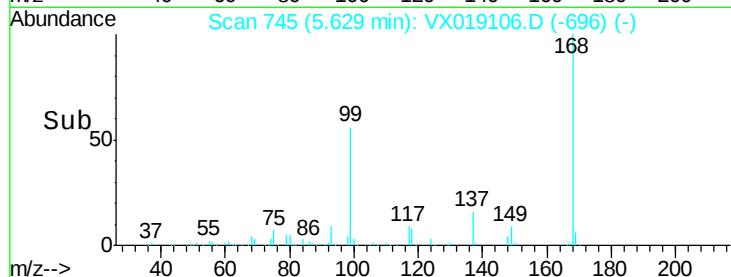
60000

40000

20000

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.419 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019106.D

Acq: 24 Oct 2020 04:51

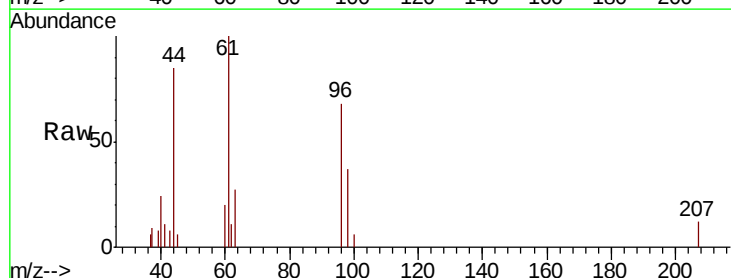
Tgt Ion: 96 Resp: 1069

Ion Ratio Lower Upper

96 100

61 147.6 119.0 178.6

98 54.8 51.0 76.4



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

2.36

1200

1000

800

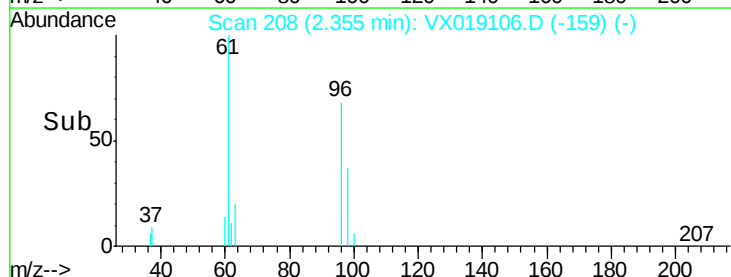
600

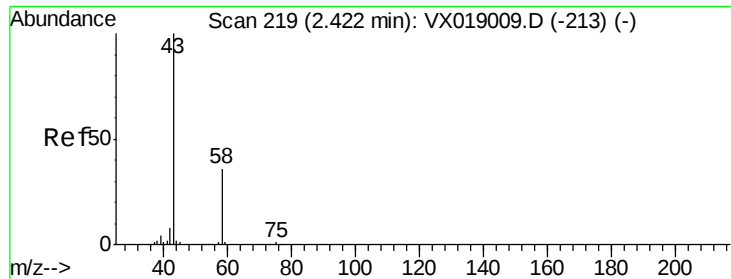
400

200

0

Time-->





#16

Acetone

Concen: 2.264 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019106.D

Acq: 24 Oct 2020 04:51

Instrument :

MSVOA_X

ClientSampleId :

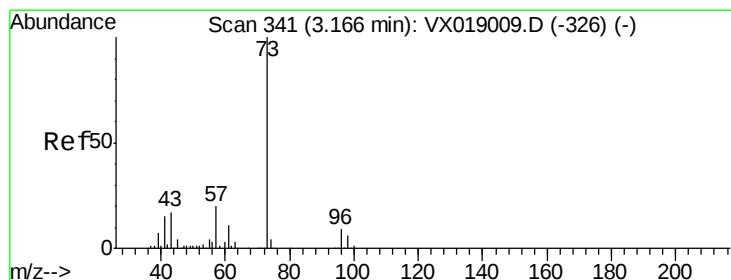
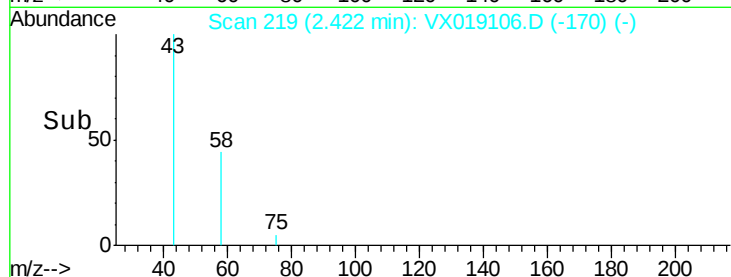
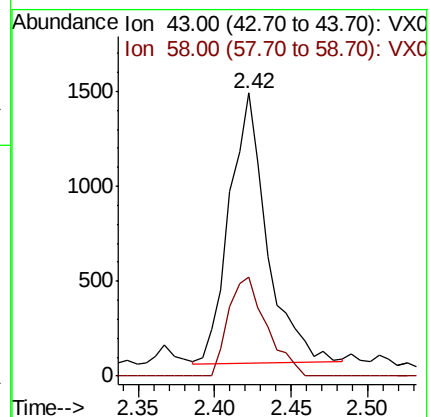
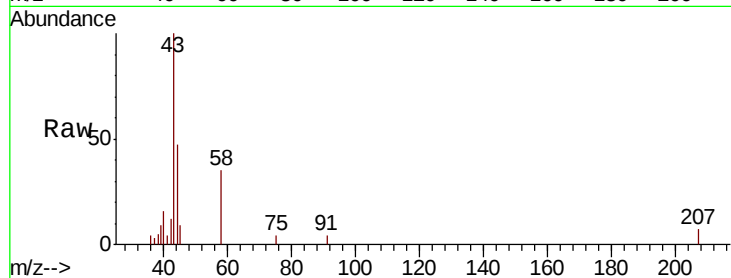
BP-TT-MW179D-GW-20201015

Tot Ion: 43 Resp: 2424

Ion Ratio Lower Upper

43 100

58 37.0 28.6 42.8



#19

Methyl tert-butyl Ether

Concen: 0.835 ug/l

RT: 3.17 min Scan# 342

Delta R.T. 0.01 min

Lab File: VX019106.D

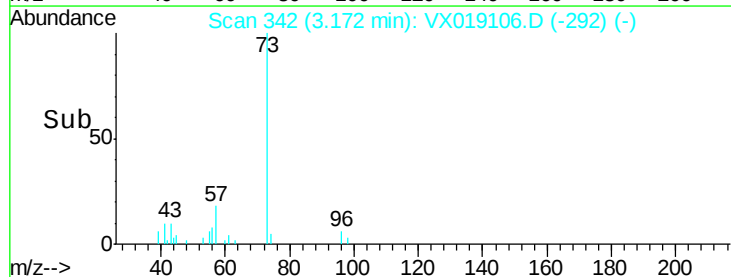
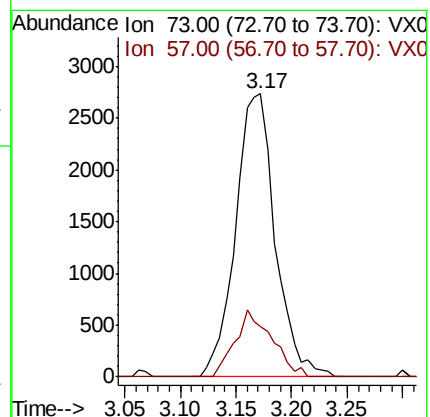
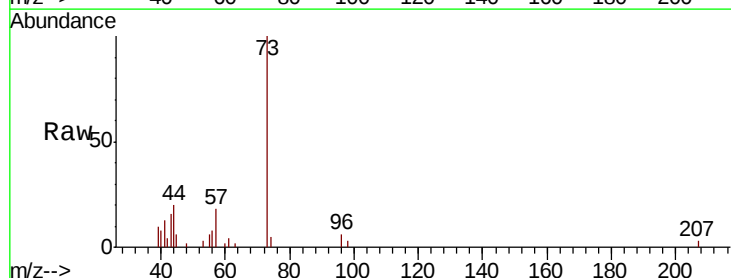
Acq: 24 Oct 2020 04:51

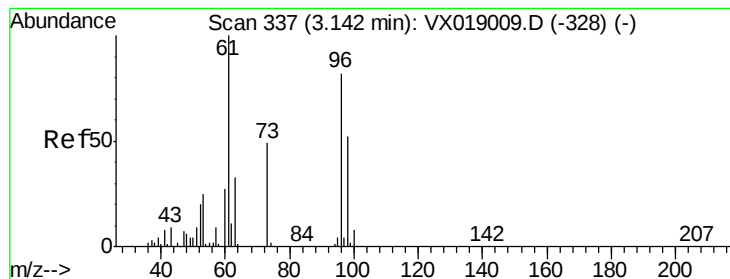
Tgt Ion: 73 Resp: 6755

Ion Ratio Lower Upper

73 100

57 17.8 16.2 24.2





#21

trans-1,2-Dichloroethene

Concen: 0.410 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX019106.D

Acq: 24 Oct 2020 04:51

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW179D-GW-20201015

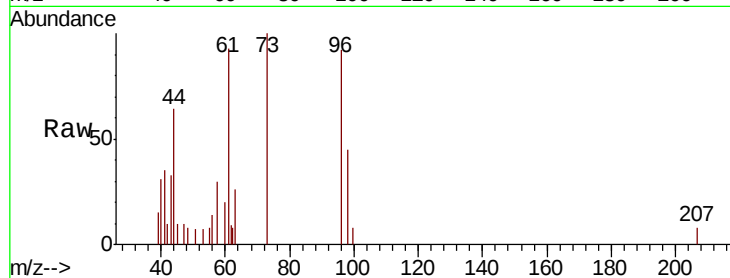
Tot Ion: 96 Resp: 1221

Ion Ratio Lower Upper

96 100

61 101.0 97.8 146.6

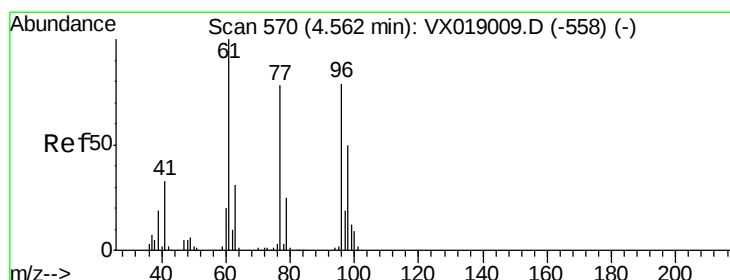
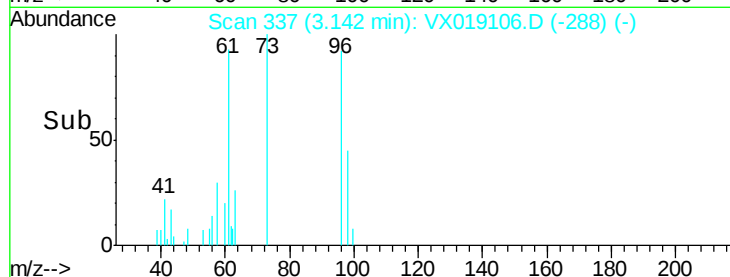
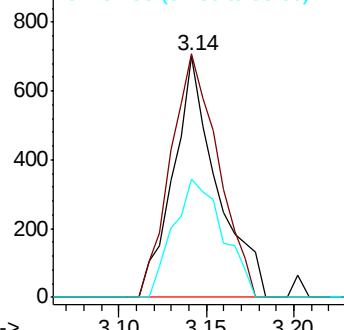
98 49.1 50.7 76.1#



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



#27

cis-1,2-Dichloroethene

Concen: 34.157 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX019106.D

Acq: 24 Oct 2020 04:51

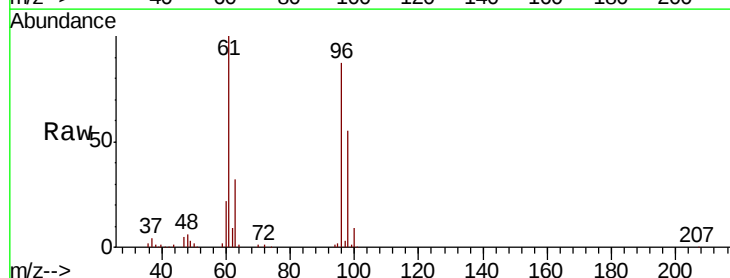
Tgt Ion: 96 Resp: 115513

Ion Ratio Lower Upper

96 100

61 113.1 0.0 260.0

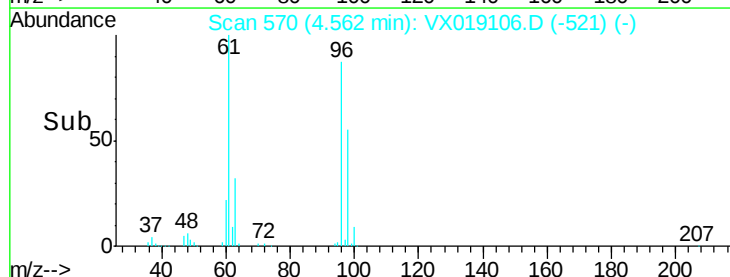
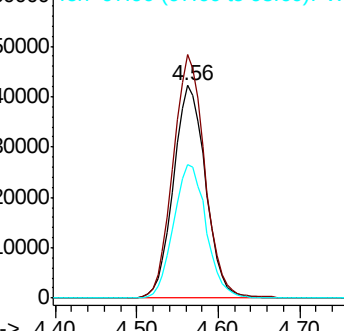
98 63.7 0.0 131.4

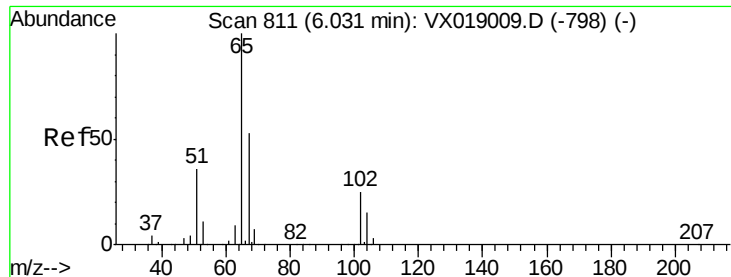


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.871 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019106.D

Acq: 24 Oct 2020 04:51

Instrument :

MSVOA_X

ClientSampleId :

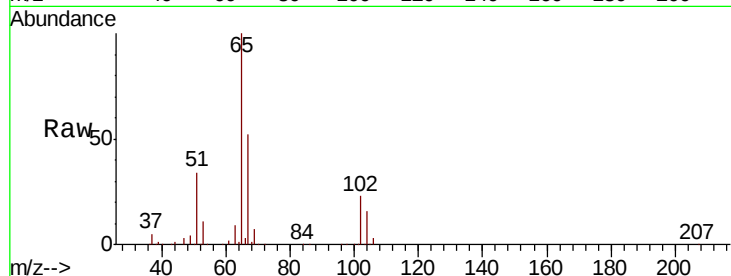
BP-TT-MW179D-GW-20201015

Tot Ion: 65 Resp: 159877

Ion Ratio Lower Upper

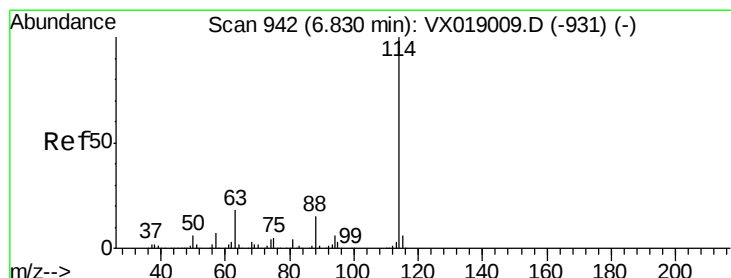
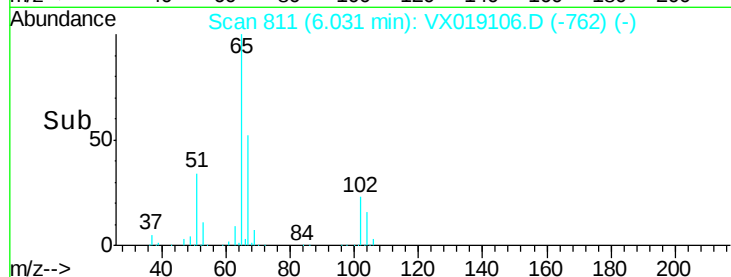
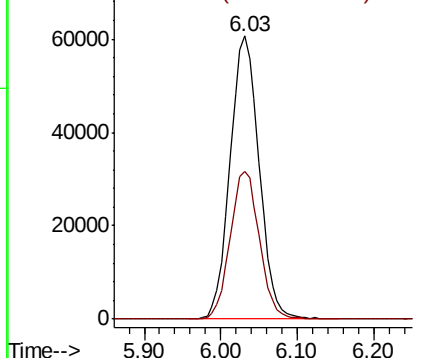
65 100

67 52.4 0.0 107.0



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: VX019106.D

Acq: 24 Oct 2020 04:51

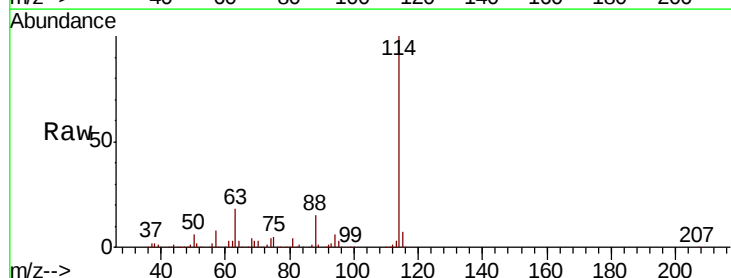
Tgt Ion: 114 Resp: 453077

Ion Ratio Lower Upper

114 100

63 18.0 0.0 36.8

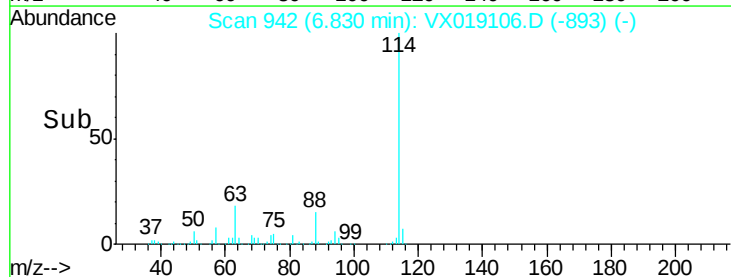
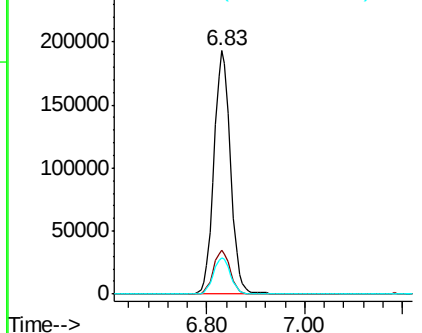
88 14.9 0.0 30.2

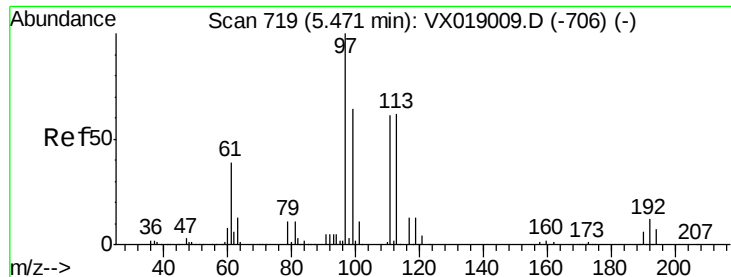


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

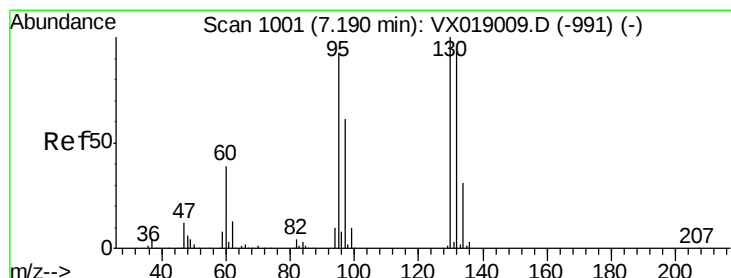
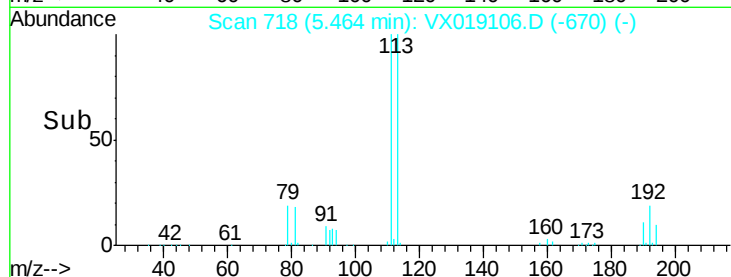
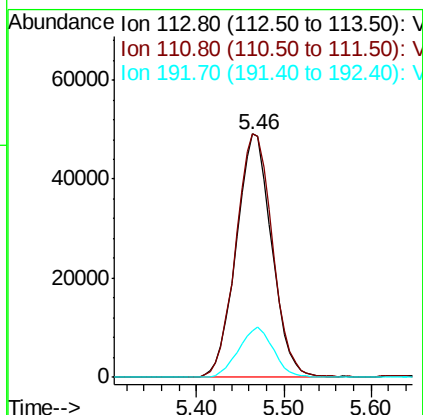
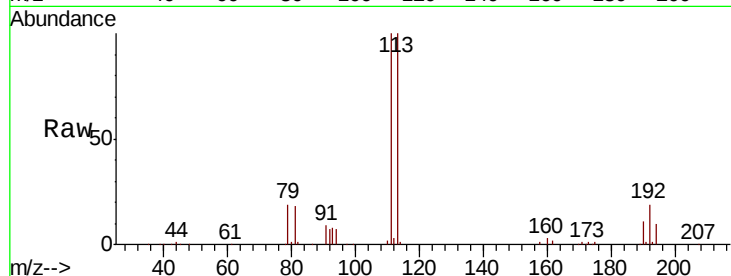




#35
 Dibromofluoromethane
 Concen: 48.375 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.01 min
 Lab File: VX019106.D
 Acq: 24 Oct 2020 04:51

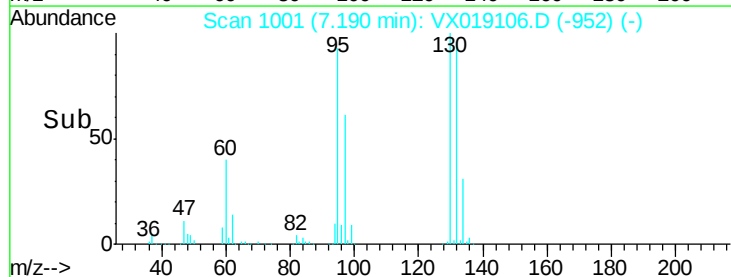
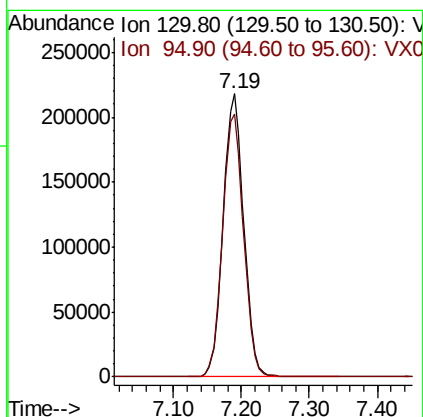
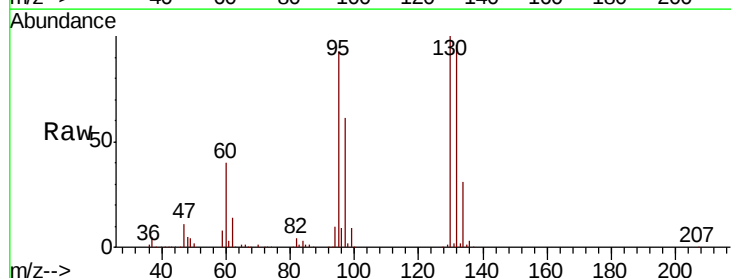
Instrument :
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 BP-TT-MW179D-GW-20201015

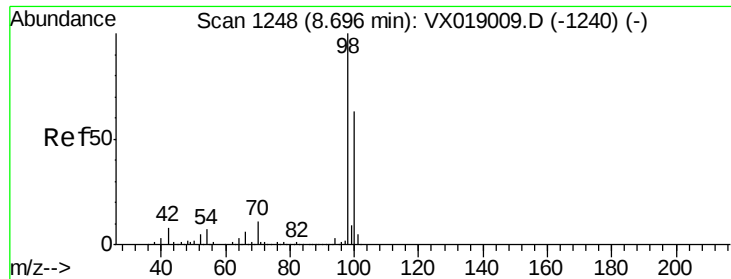
Tot Ion:113 Resp: 138768
 Ion Ratio Lower Upper
 113 100
 111 103.2 81.5 122.3
 192 20.1 16.3 24.5



#44
 Trichloroethene
 Concen: 130.855 ug/l
 RT: 7.19 min Scan# 1001
 Delta R.T. -0.00 min
 Lab File: VX019106.D
 Acq: 24 Oct 2020 04:51

Tgt Ion:130 Resp: 456909
 Ion Ratio Lower Upper
 130 100
 95 93.1 0.0 184.2

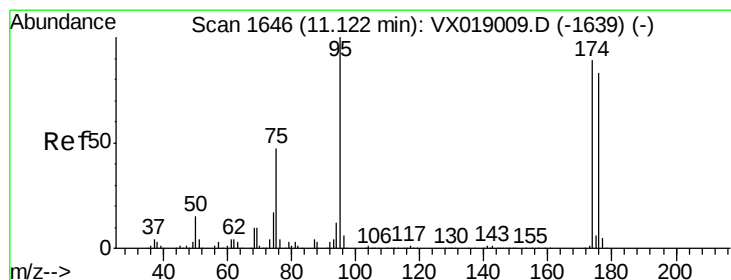
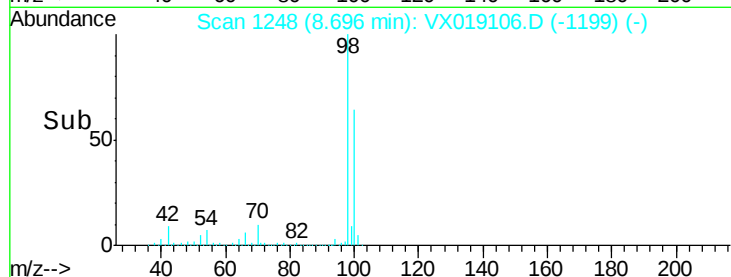
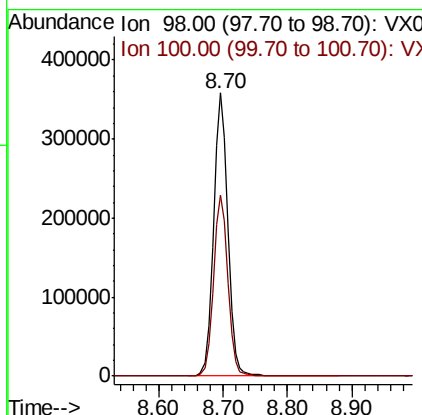
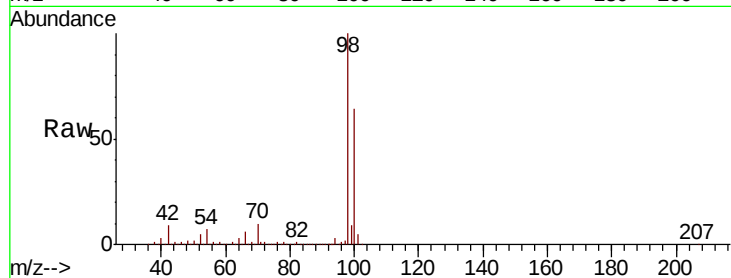




#50
Toluene-d8
Concen: 51.012 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019106.D
Acq: 24 Oct 2020 04:51

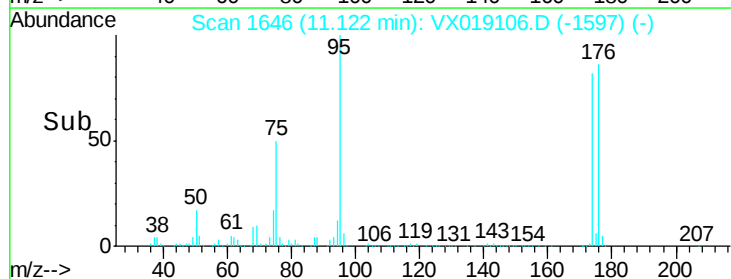
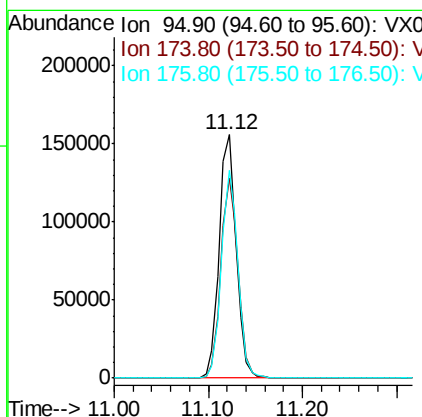
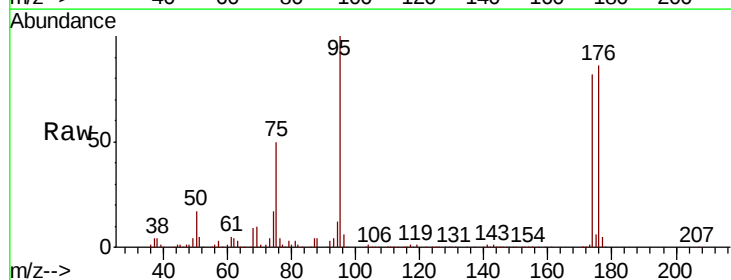
Instrument :
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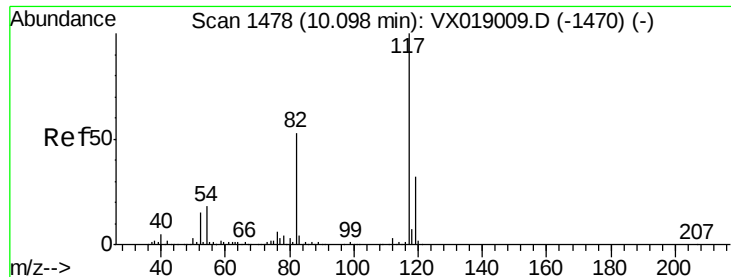
Tot Ion: 98 Resp: 558407
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 50.430 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX019106.D
Acq: 24 Oct 2020 04:51

Tgt Ion: 95 Resp: 196361
Ion Ratio Lower Upper
95 100
174 82.5 0.0 167.6
176 82.8 0.0 165.2

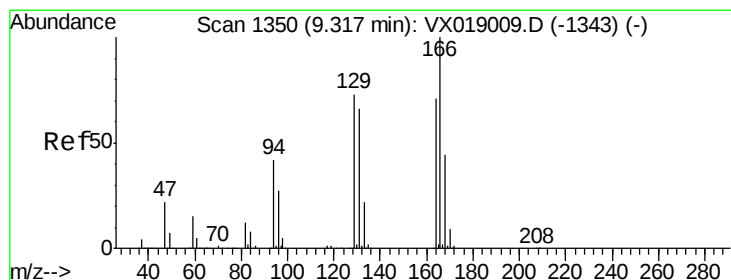
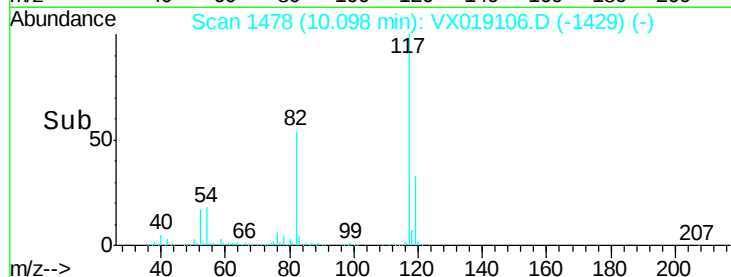
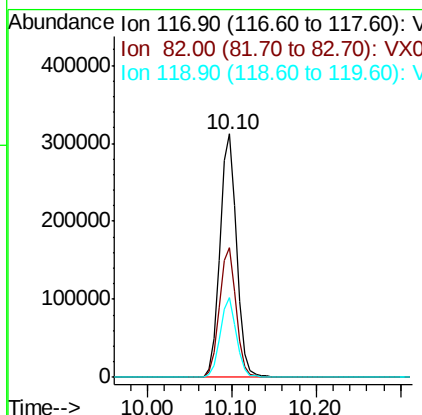
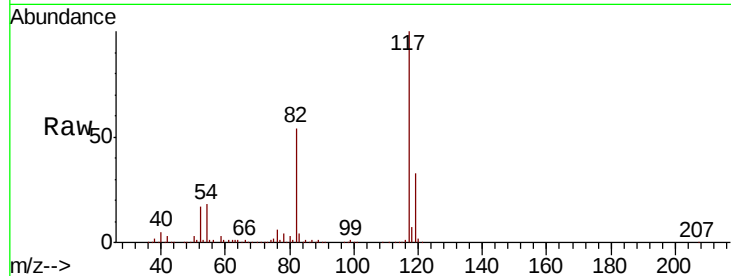




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019106.D
Acq: 24 Oct 2020 04:51

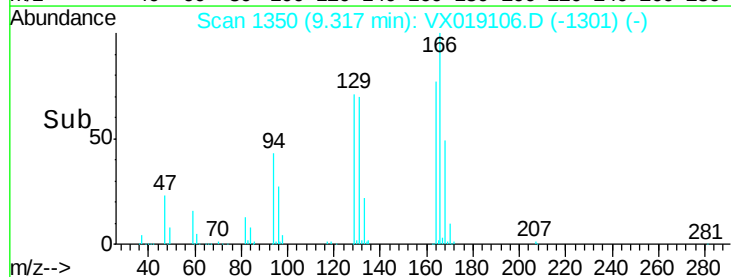
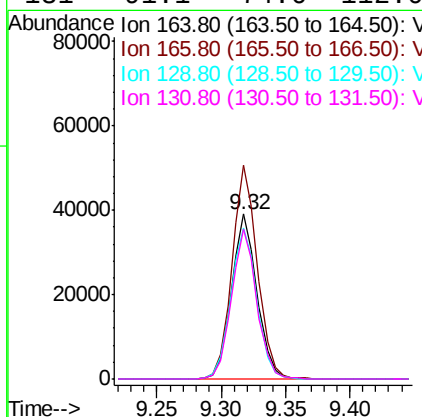
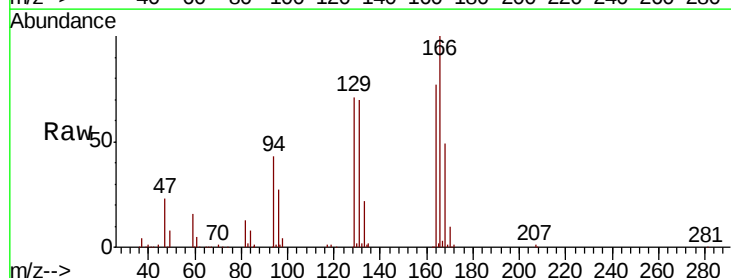
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW179D-GW-20201015

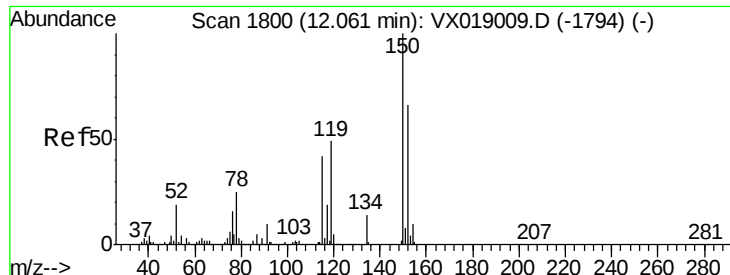
Tot Ion:117 Resp: 428820
Ion Ratio Lower Upper
117 100
82 53.5 42.4 63.6
119 32.6 25.6 38.4



#64
Tetrachloroethene
Concen: 16.470 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019106.D
Acq: 24 Oct 2020 04:51

Tgt Ion:164 Resp: 53774
Ion Ratio Lower Upper
164 100
166 129.6 112.2 168.4
129 91.5 81.8 122.8
131 91.1 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: VX019106.D

Acq: 24 Oct 2020 04:51

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW179D-GW-20201015

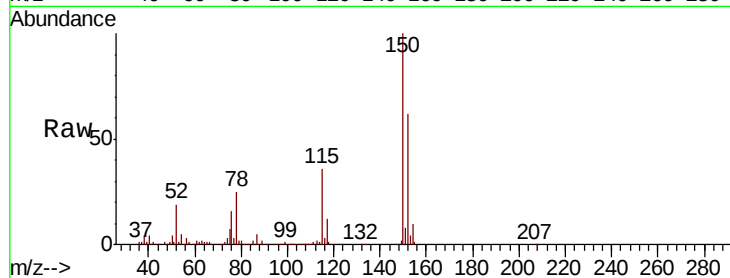
Tot Ion:152 Resp: 214987

Ion Ratio Lower Upper

152 100

115 56.7 40.8 122.5

150 158.0 0.0 345.6



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

