

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX102720\
 Data File : VX019146.D
 Acq On : 27 Oct 2020 19:03
 Operator : JC/MD
 Sample : L4470-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW179D1-GW-20201019

Quant Time: Nov 03 11:12:39 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	323746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	558314	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	532848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	274333	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	210419	50.40	ug/l	0.00
Spiked Amount			Recovery	=	100.80%	
35) Dibromofluoromethane	5.46	113	170728	48.68	ug/l	0.00
Spiked Amount			Recovery	=	97.36%	
50) Toluene-d8	8.70	98	684882	51.81	ug/l	0.00
Spiked Amount			Recovery	=	103.62%	
62) 4-Bromofluorobenzene	11.12	95	268274	53.58	ug/l	0.00
Spiked Amount			Recovery	=	107.16%	

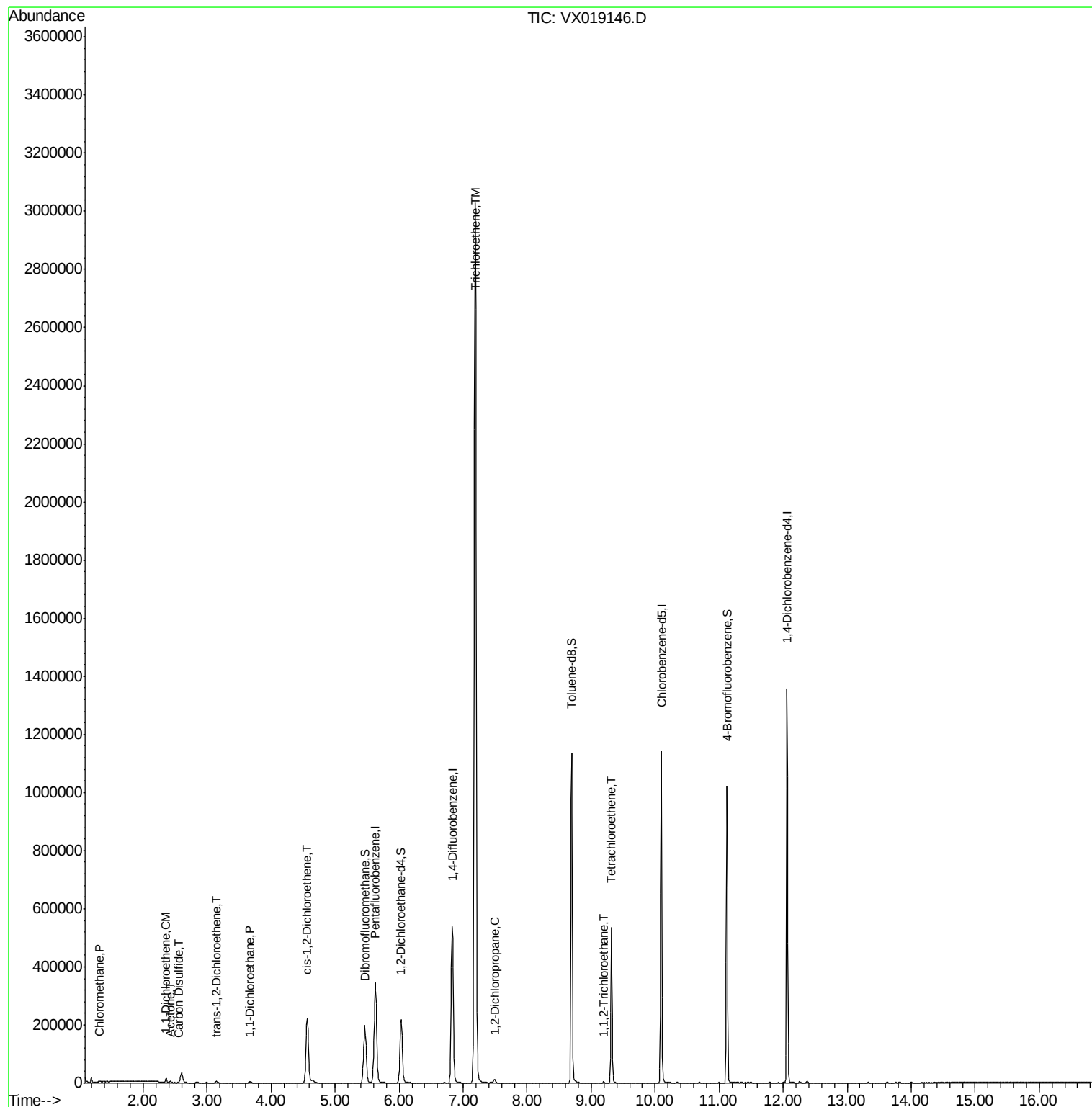
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	1593m	0.528	ug/l	
12) 1,1-Dichloroethene	2.36	96	5291	1.686	ug/l	99
16) Acetone	2.42	43	5422	3.764	ug/l	99
17) Carbon Disulfide	2.55	76	1481	0.923	ug/l #	90
21) trans-1,2-Dichloroethene	3.14	96	1999	0.554	ug/l	96
24) 1,1-Dichloroethane	3.67	63	4231	0.715	ug/l #	91
27) cis-1,2-Dichloroethene	4.56	96	145025	35.938	ug/l	90
44) Trichloroethene	7.19	130	1172152	279.989	ug/l	96
45) 1,2-Dichloropropane	7.49	63	4505	1.258	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	876	0.235	ug/l	92
64) Tetrachloroethene	9.32	164	99557	24.523	ug/l	97

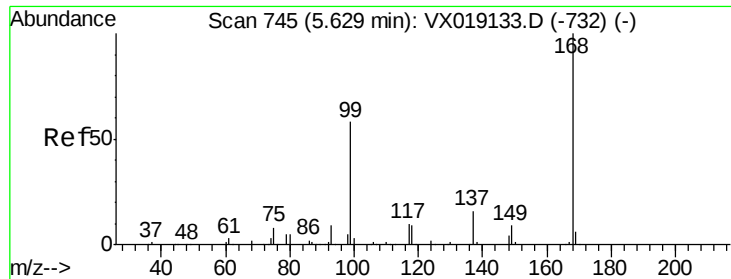
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA X\Data\VX102720\
Data File : VX019146.D
Acq On : 27 Oct 2020 19:03
Operator : JC/MD
Sample : L4470-04
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW179D1-GW-20201019

Quant Time: Nov 03 11:12:39 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.00 min

Lab File: VX019146.D

Acq: 27 Oct 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

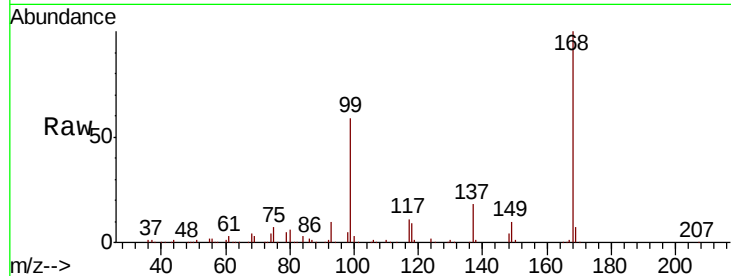
BP-TT-MW179D1-GW-20201019

Tot Ion:168 Resp: 323746

Ion Ratio Lower Upper

168 100

99 59.2 46.6 69.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

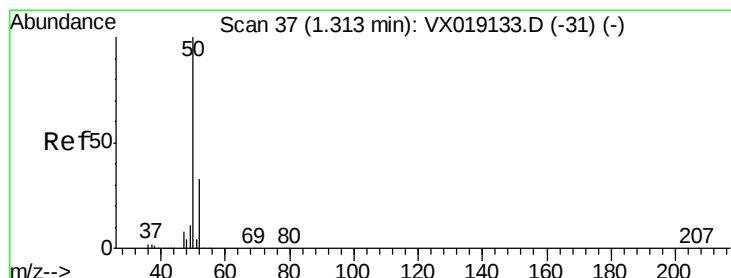
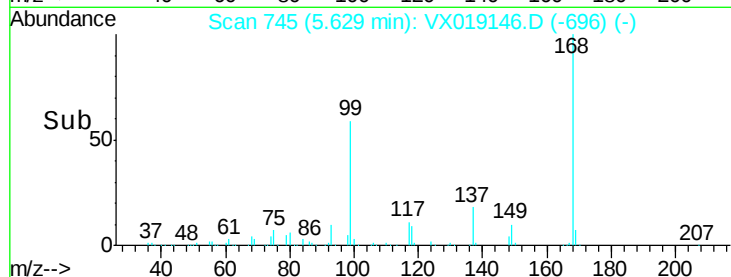
5.63

100000

50000

0

Time-->



#3

Chloromethane

Concen: 0.528 ug/l m

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX019146.D

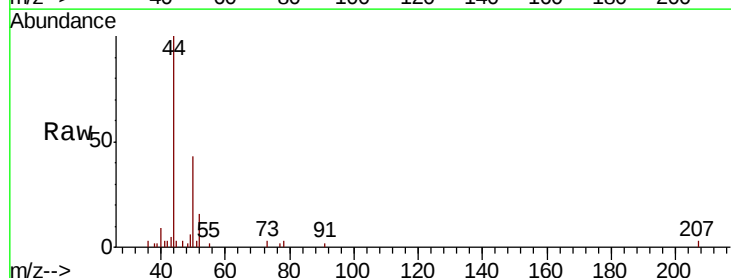
Acq: 27 Oct 2020 19:03

Tgt Ion: 50 Resp: 1593

Ion Ratio Lower Upper

50 100

52 35.7 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

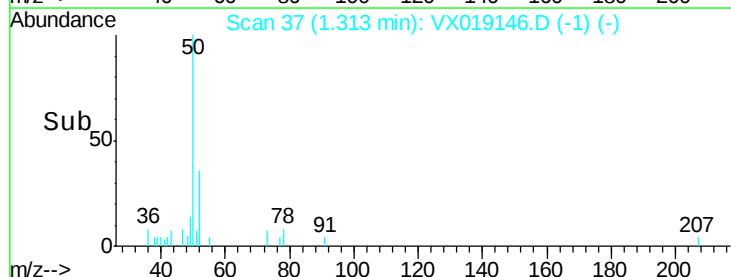
1500

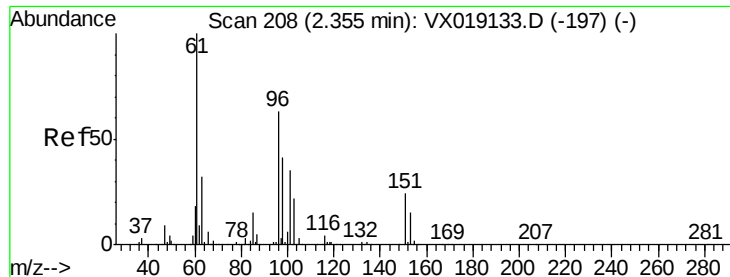
1000

500

0

Time-->





#12

1,1-Dichloroethene

Concen: 1.686 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX019146.D

Acq: 27 Oct 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW179D1-GW-20201019

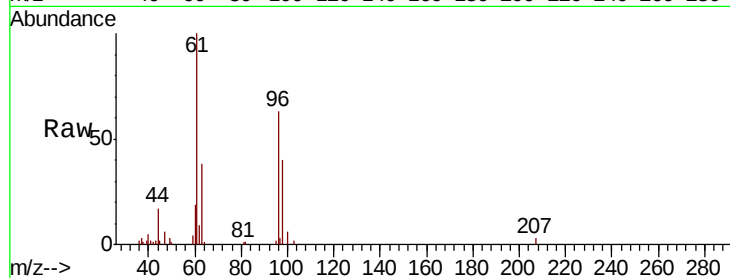
Tot Ion: 96 Resp: 5291

Ion Ratio Lower Upper

96 100

61 158.0 127.7 191.5

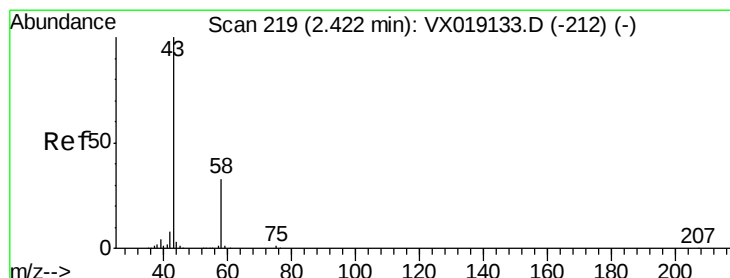
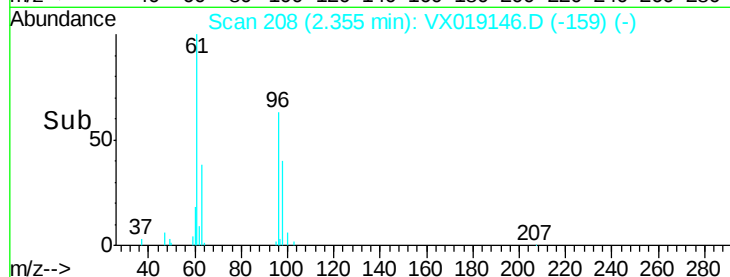
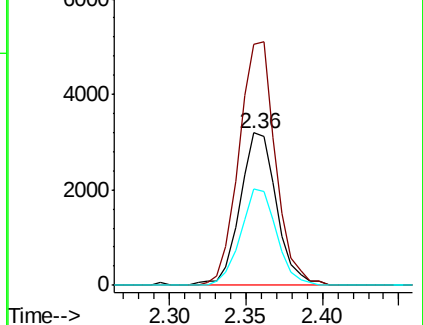
98 63.5 52.1 78.1



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: 3.764 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX019146.D

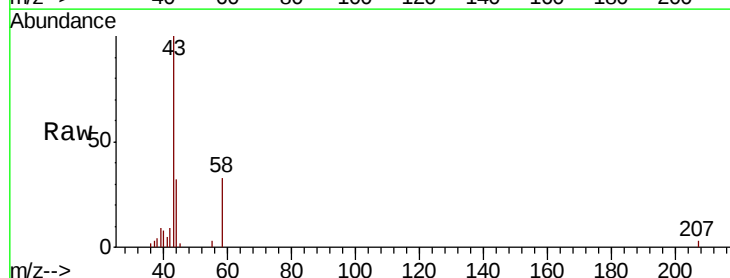
Acq: 27 Oct 2020 19:03

Tgt Ion: 43 Resp: 5422

Ion Ratio Lower Upper

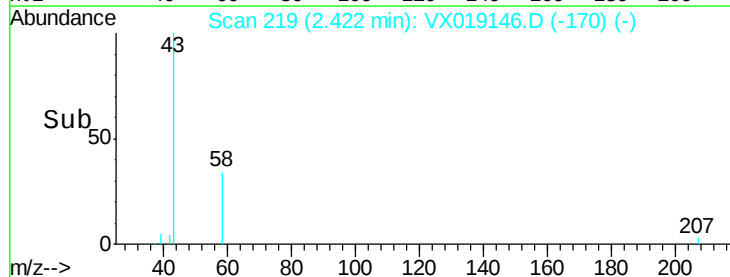
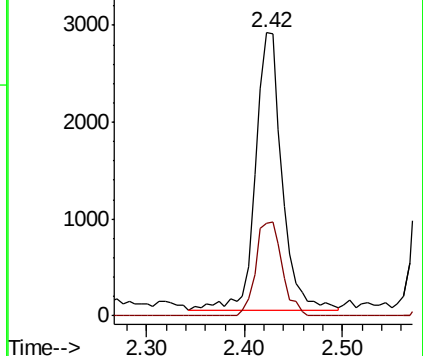
43 100

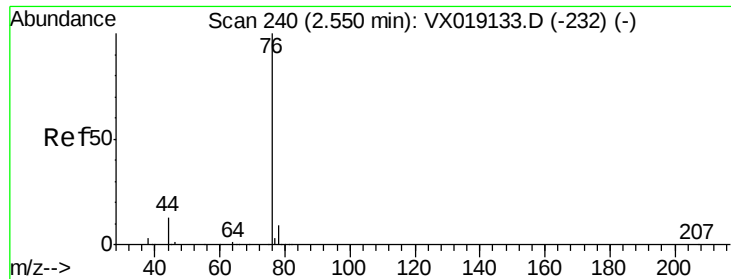
58 33.2 26.3 39.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

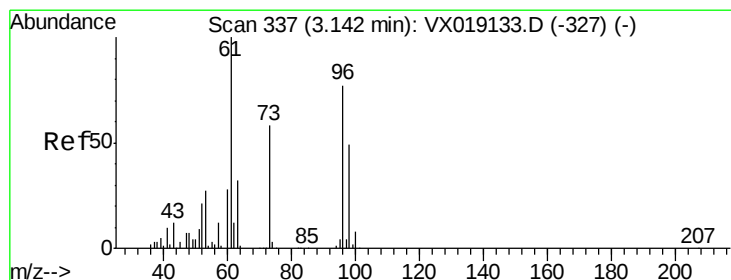
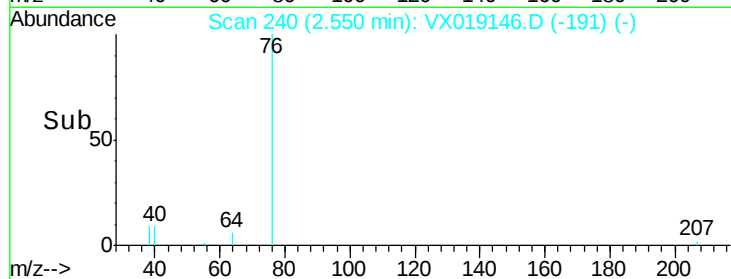
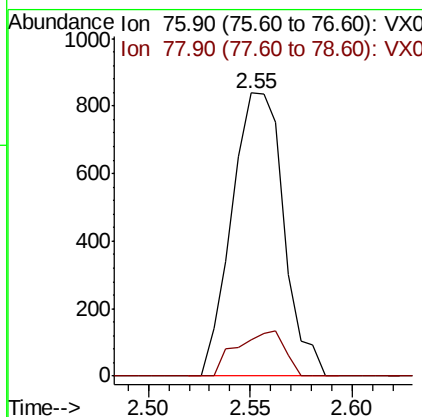
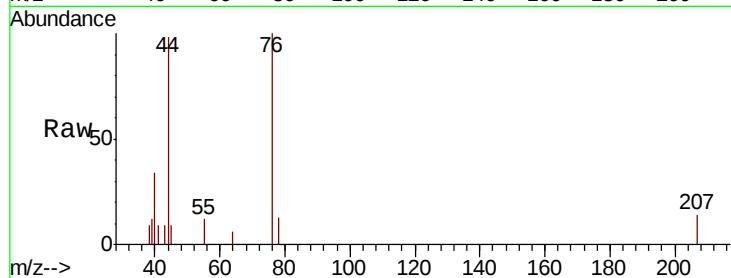




#17
Carbon Disulfide
Concen: 0.923 ug/l
RT: 2.55 min Scan# 240
Delta R.T. 0.00 min
Lab File: VX019146.D
Acq: 27 Oct 2020 19:03

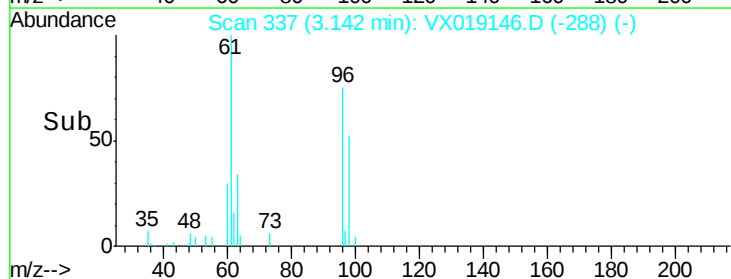
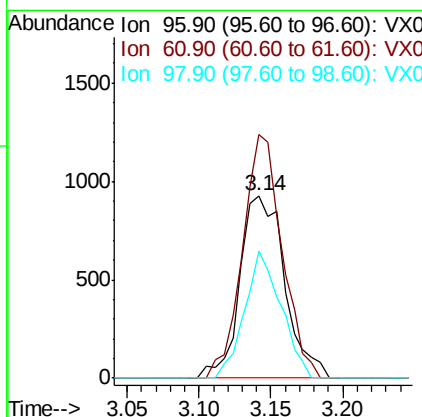
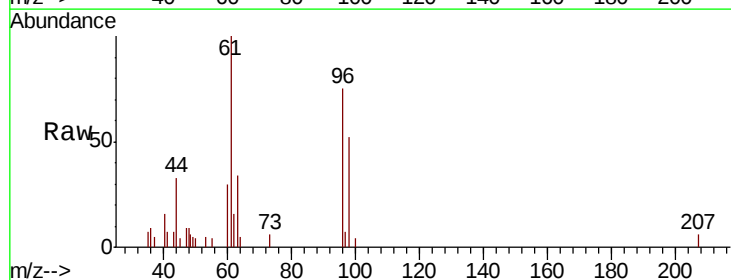
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW179D1-GW-20201019

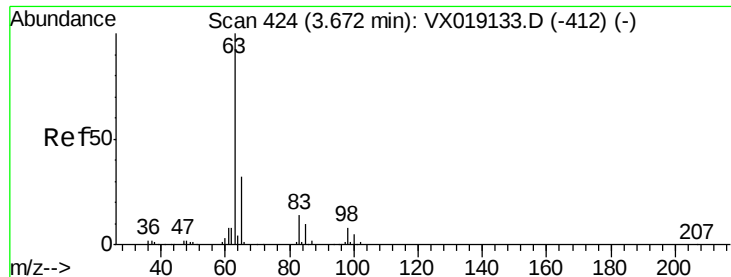
Tot Ion: 76 Resp: 1481
Ion Ratio Lower Upper
76 100
78 12.8 7.3 10.9#



#21
trans-1,2-Dichloroethene
Concen: 0.554 ug/l
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX019146.D
Acq: 27 Oct 2020 19:03

Tgt Ion: 96 Resp: 1999
Ion Ratio Lower Upper
96 100
61 133.5 104.2 156.4
98 69.7 51.3 76.9





#24

1,1-Dichloroethane

Concen: 0.715 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX019146.D

Acq: 27 Oct 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW179D1-GW-20201019

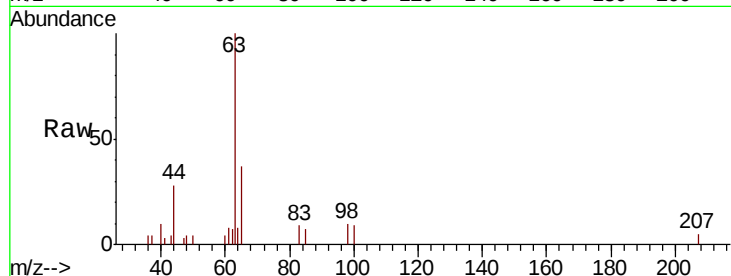
Tot Ion: 63 Resp: 4231

Ion Ratio Lower Upper

63 100

98 10.0 3.8 11.4

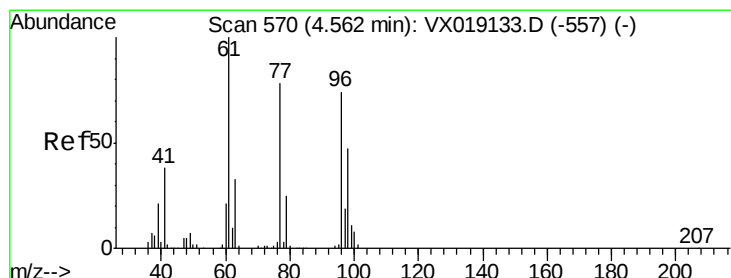
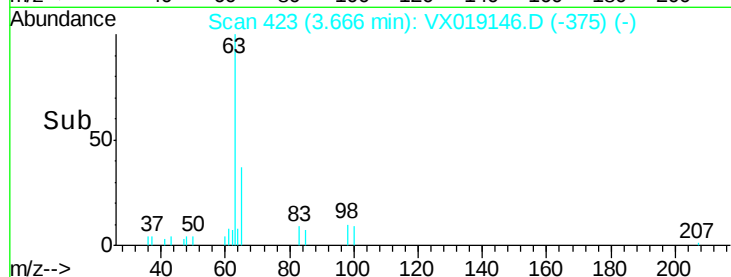
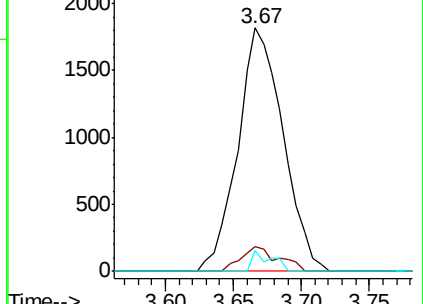
100 8.5 2.4 7.2#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 35.938 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.00 min

Lab File: VX019146.D

Acq: 27 Oct 2020 19:03

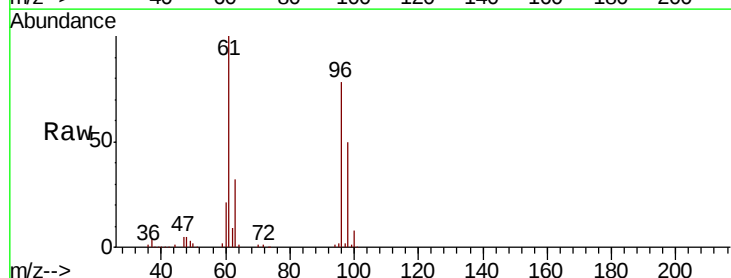
Tgt Ion: 96 Resp: 145025

Ion Ratio Lower Upper

96 100

61 122.9 0.0 278.8

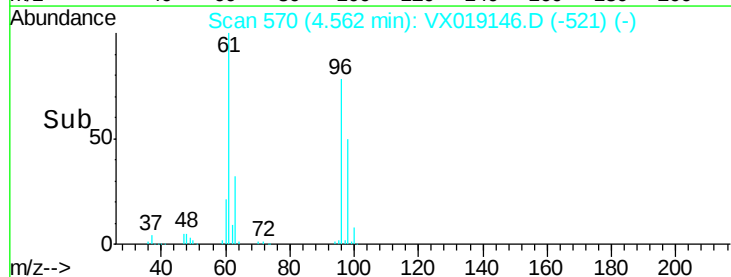
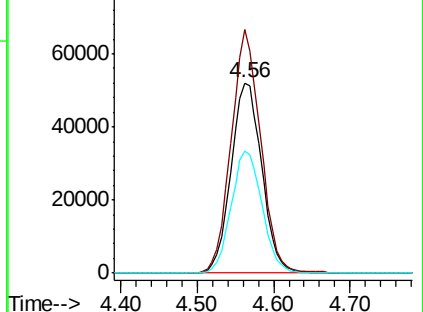
98 64.5 0.0 130.2

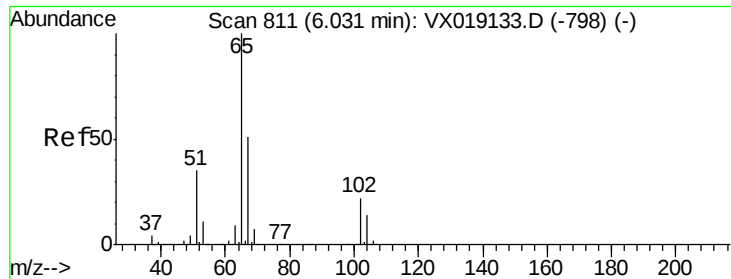


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 50.399 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019146.D

Acq: 27 Oct 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

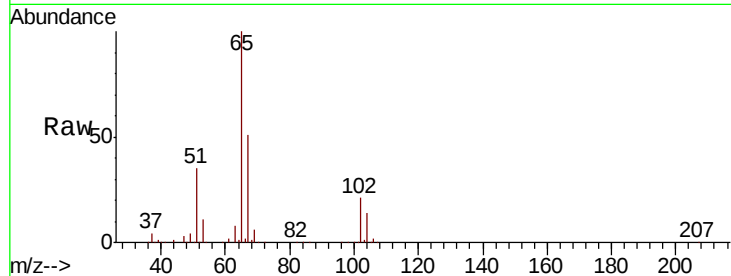
BP-TT-MW179D1-GW-20201019

Tot Ion: 65 Resp: 210419

Ion Ratio Lower Upper

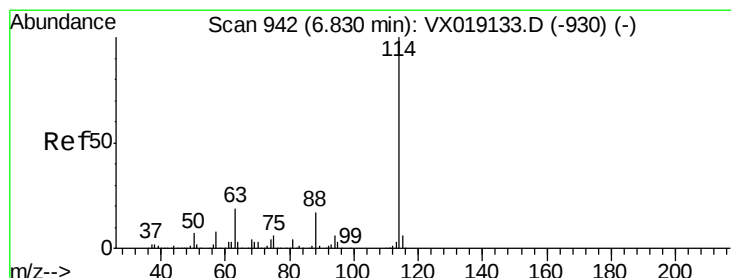
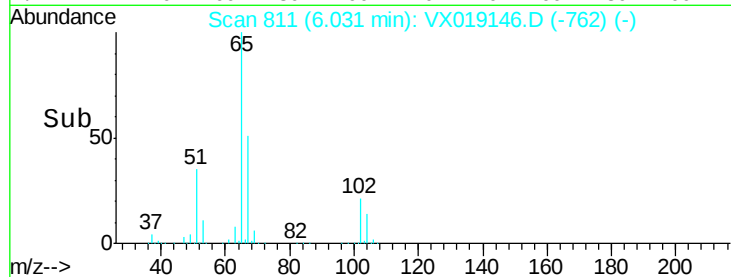
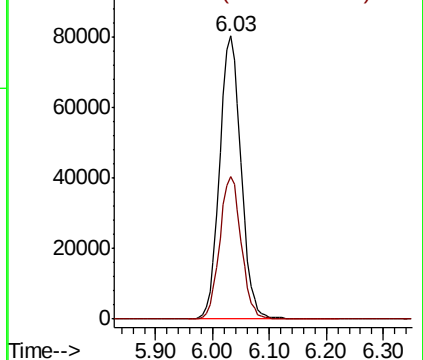
65 100

67 50.6 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: VX019146.D

Acq: 27 Oct 2020 19:03

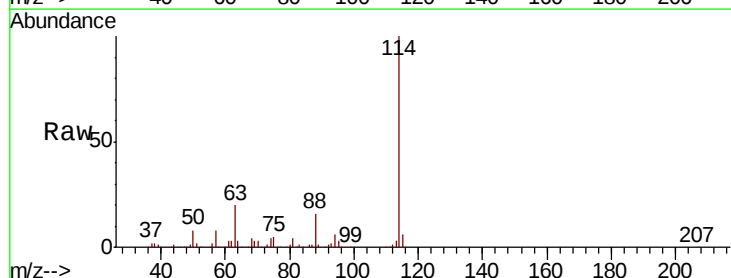
Tgt Ion: 114 Resp: 558314

Ion Ratio Lower Upper

114 100

63 19.8 0.0 38.8

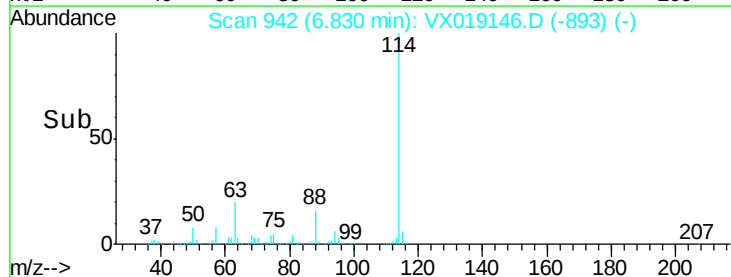
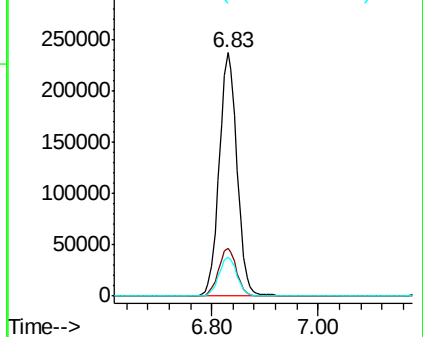
88 15.9 0.0 34.2

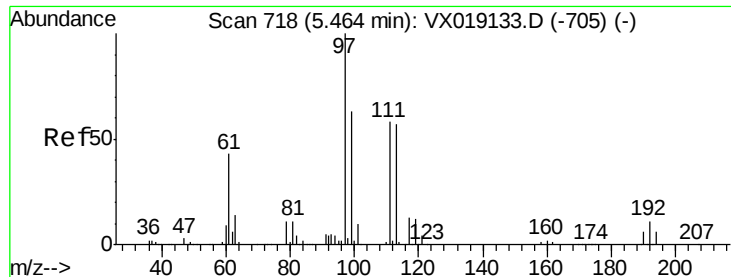


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.682 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.00 min

Lab File: VX019146.D

Acq: 27 Oct 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW179D1-GW-20201019

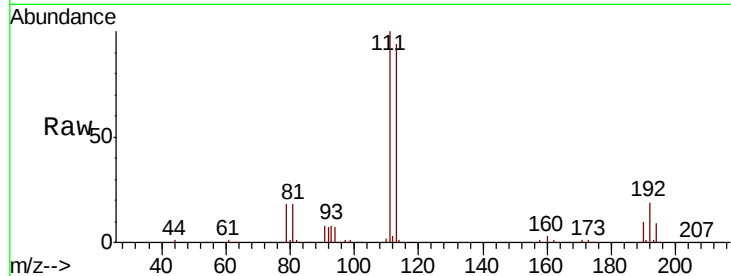
Tot Ion:113 Resp: 170728

Ion Ratio Lower Upper

113 100

111 102.1 82.3 123.5

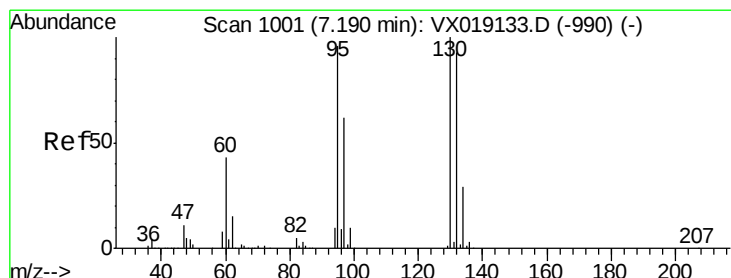
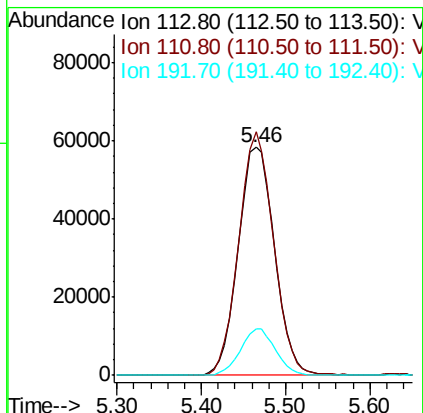
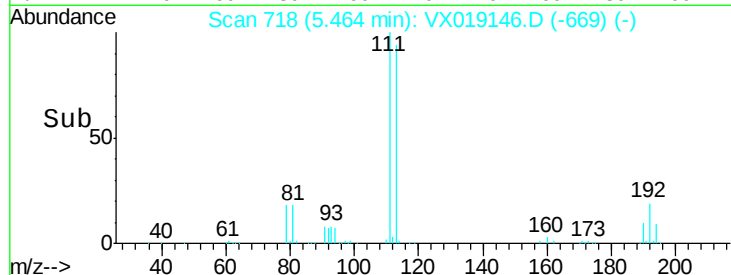
192 19.6 16.2 24.2



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: 279.989 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX019146.D

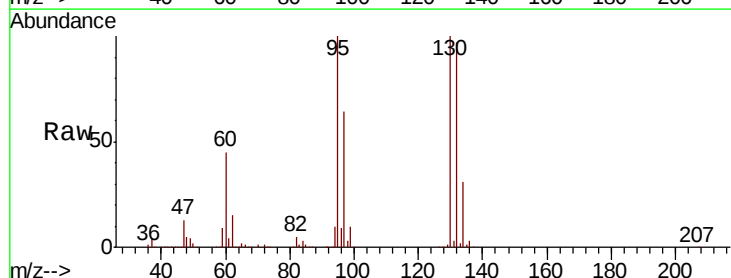
Acq: 27 Oct 2020 19:03

Tgt Ion:130 Resp: 1172152

Ion Ratio Lower Upper

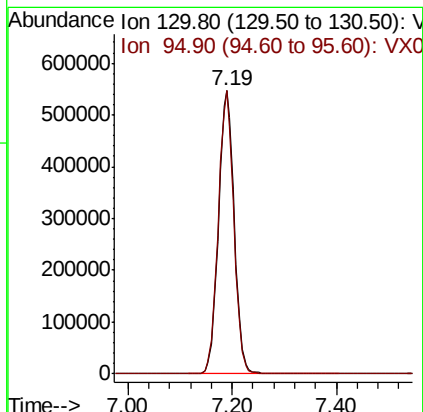
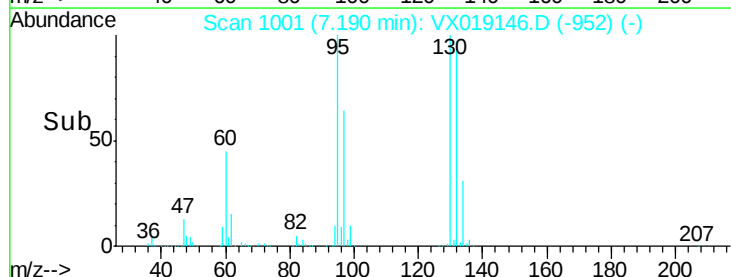
130 100

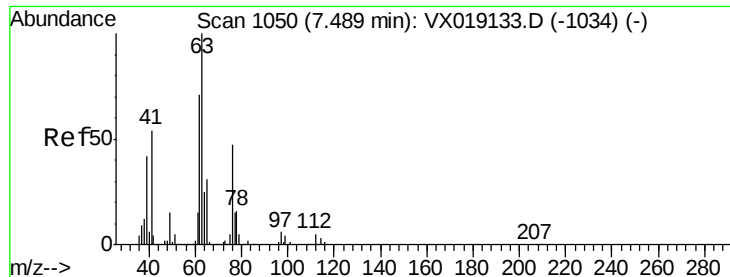
95 100.0 0.0 192.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 1.258 ug/l

RT: 7.49 min Scan# 1051

Delta R.T. 0.01 min

Lab File: VX019146.D

Acq: 27 Oct 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

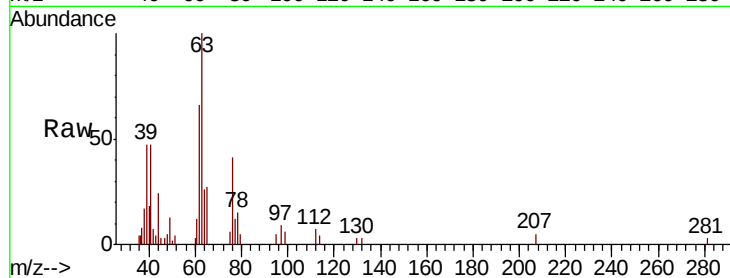
BP-TT-MW179D1-GW-20201019

Tot Ion: 63 Resp: 4505

Ion Ratio Lower Upper

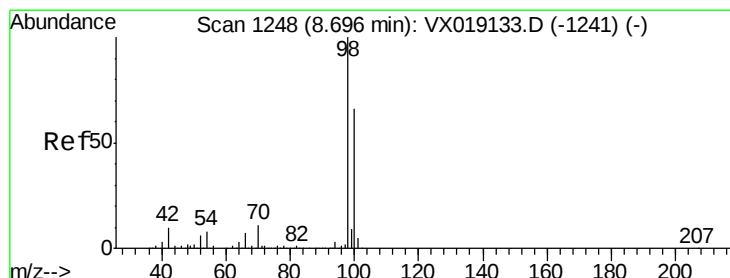
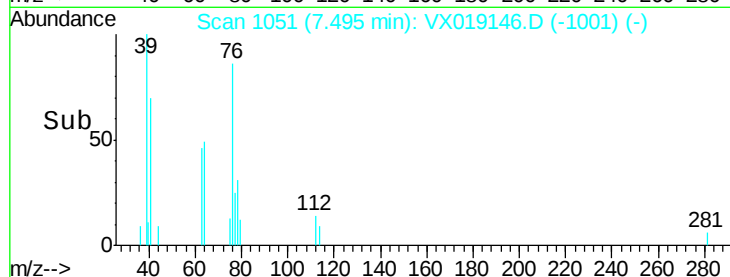
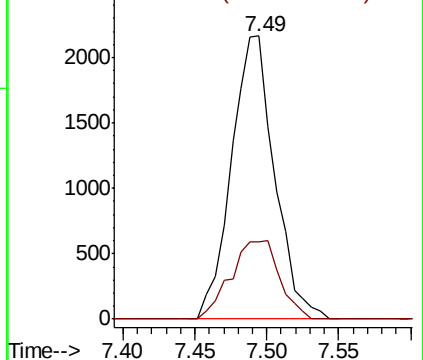
63 100

65 27.4 25.2 37.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#50

Toluene-d8

Concen: 51.806 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019146.D

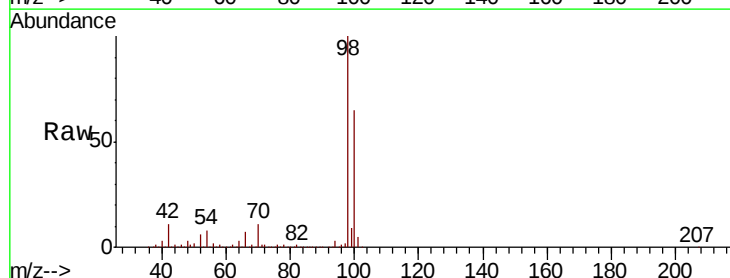
Acq: 27 Oct 2020 19:03

Tgt Ion: 98 Resp: 684882

Ion Ratio Lower Upper

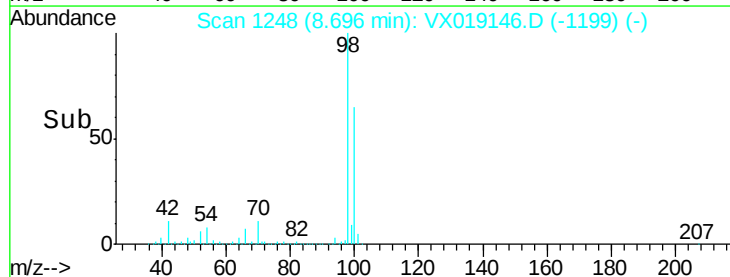
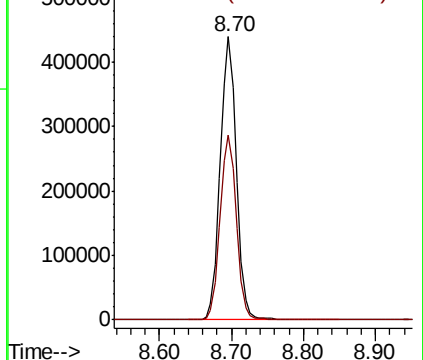
98 100

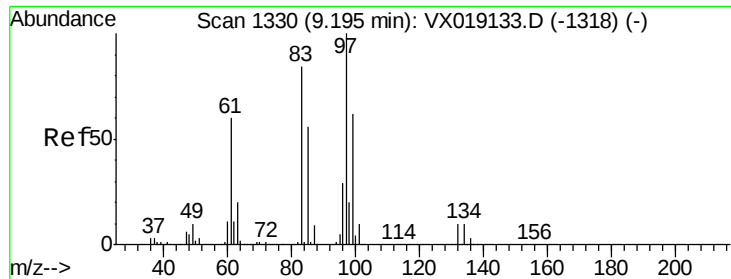
100 66.0 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

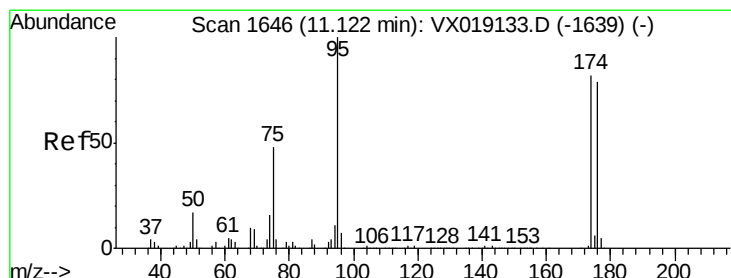
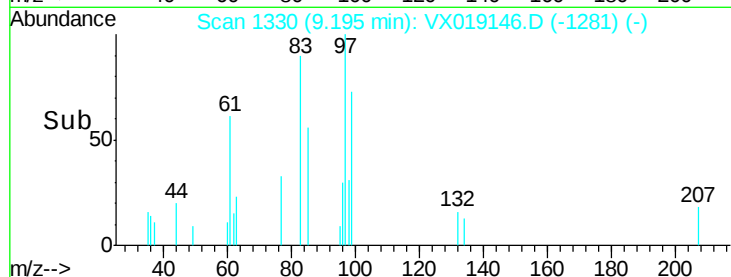
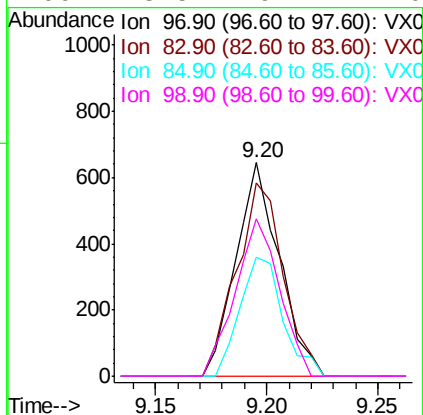
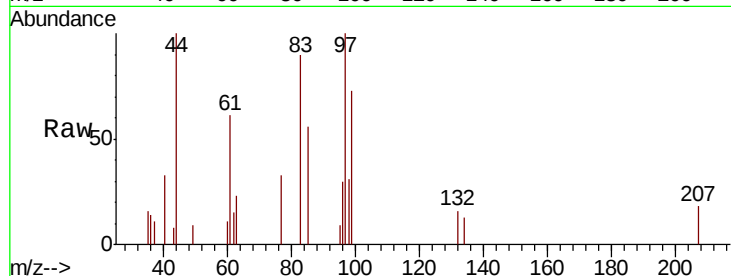




#55
 1,1,2-Trichloroethane
 Concen: 0.235 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX019146.D
 Acq: 27 Oct 2020 19:03

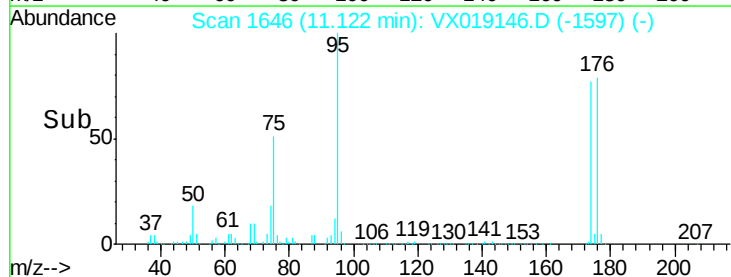
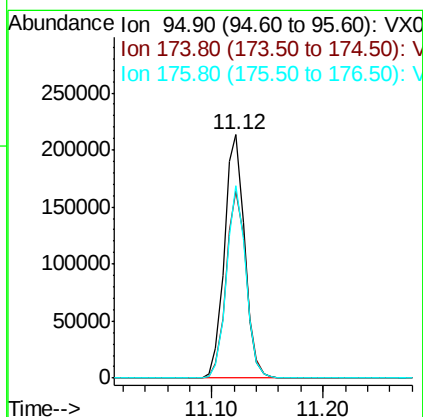
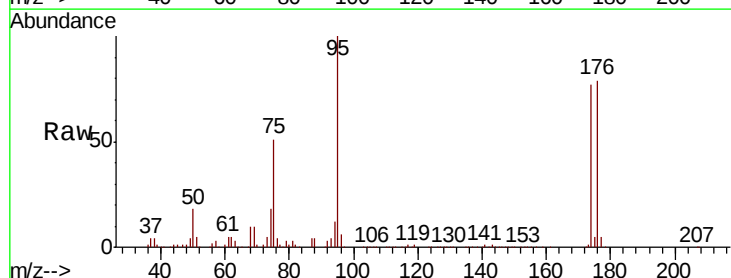
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT-MW179D1-GW-20201019

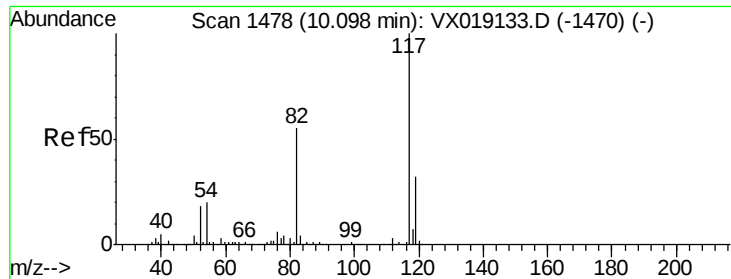
Tot Ion:	97	Resp:	876
Ion	Ratio	Lower	Upper
97	100		
83	90.2	67.2	100.8
85	55.7	44.6	67.0
99	73.5	49.4	74.0



#62
 4-Bromofluorobenzene
 Concen: 53.585 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX019146.D
 Acq: 27 Oct 2020 19:03

Tgt Ion:	95	Resp:	268274
Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	156.0
176	75.6	0.0	149.8

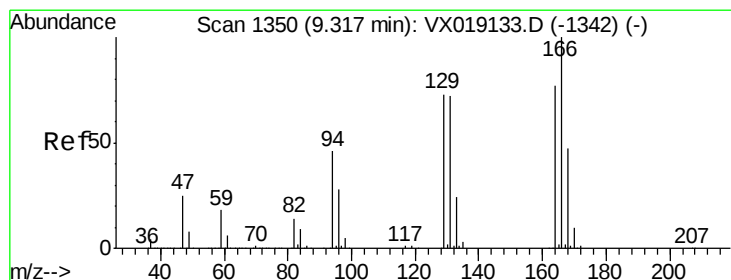
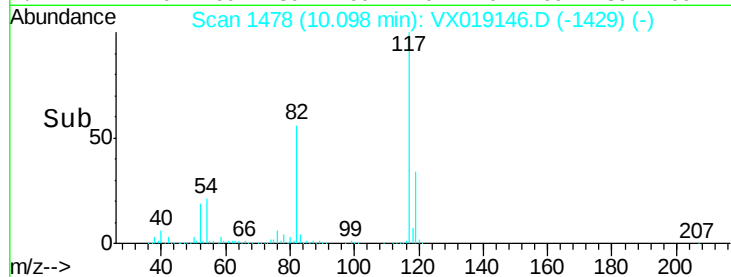
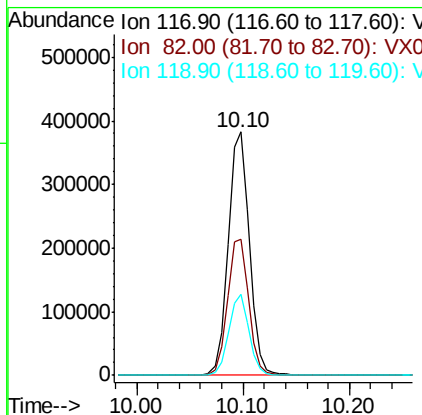
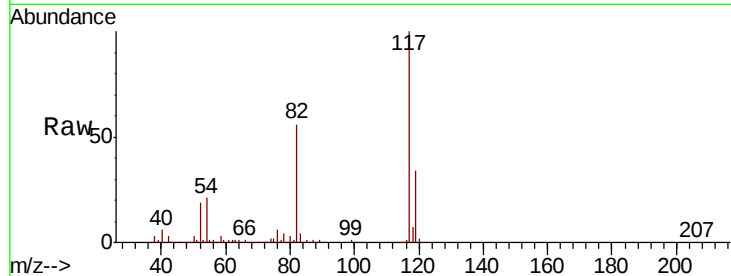




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX019146.D
Acq: 27 Oct 2020 19:03

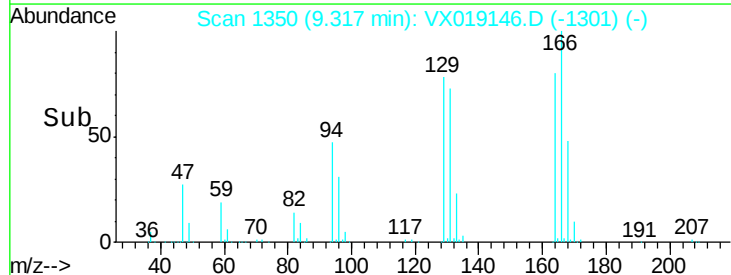
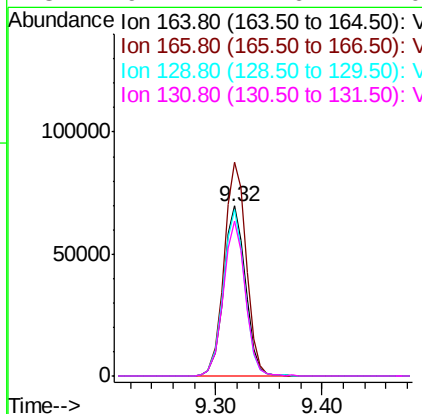
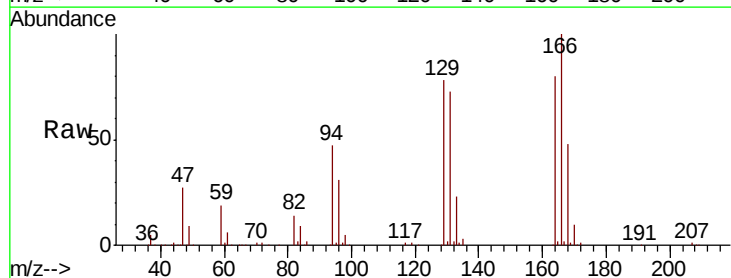
Instrument :
MSVOA_X
ClientSampleId :
BP-TT-MW179D1-GW-20201019

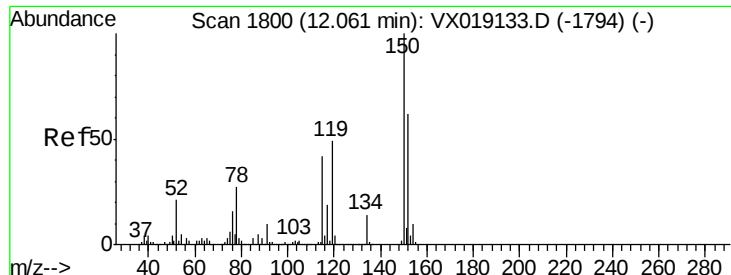
Tot Ion:117 Resp: 532848
Ion Ratio Lower Upper
117 100
82 55.7 43.6 65.4
119 33.5 25.5 38.3



#64
Tetrachloroethene
Concen: 24.523 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX019146.D
Acq: 27 Oct 2020 19:03

Tgt Ion:164 Resp: 99557
Ion Ratio Lower Upper
164 100
166 125.6 104.1 156.1
129 97.8 76.2 114.4
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: VX019146.D

Acq: 27 Oct 2020 19:03

Instrument :

MSVOA_X

ClientSampleId :

BP-TT-MW179D1-GW-20201019

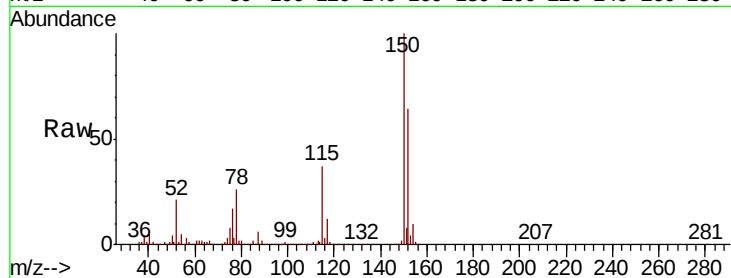
Tot Ion:152 Resp: 274333

Ion Ratio Lower Upper

152 100

115 59.5 41.9 125.7

150 157.1 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

