

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019084.D
 Acq On : 23 Oct 2020 18:23
 Operator : JC/SP
 Sample : L4473-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT-019-IDWGW-20201019

Quant Time: Oct 26 11:47:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Oct 26 03:21:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	40753	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.83	114	227586	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	201198	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.03	65	83265	30.67	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery	=	102.23%	
60) 4-Bromofluorobenzene	11.12	95	91661	30.35	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery	=	101.17%	
63) Toluene-d8	8.70	98	271042	30.51	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery	=	101.70%	

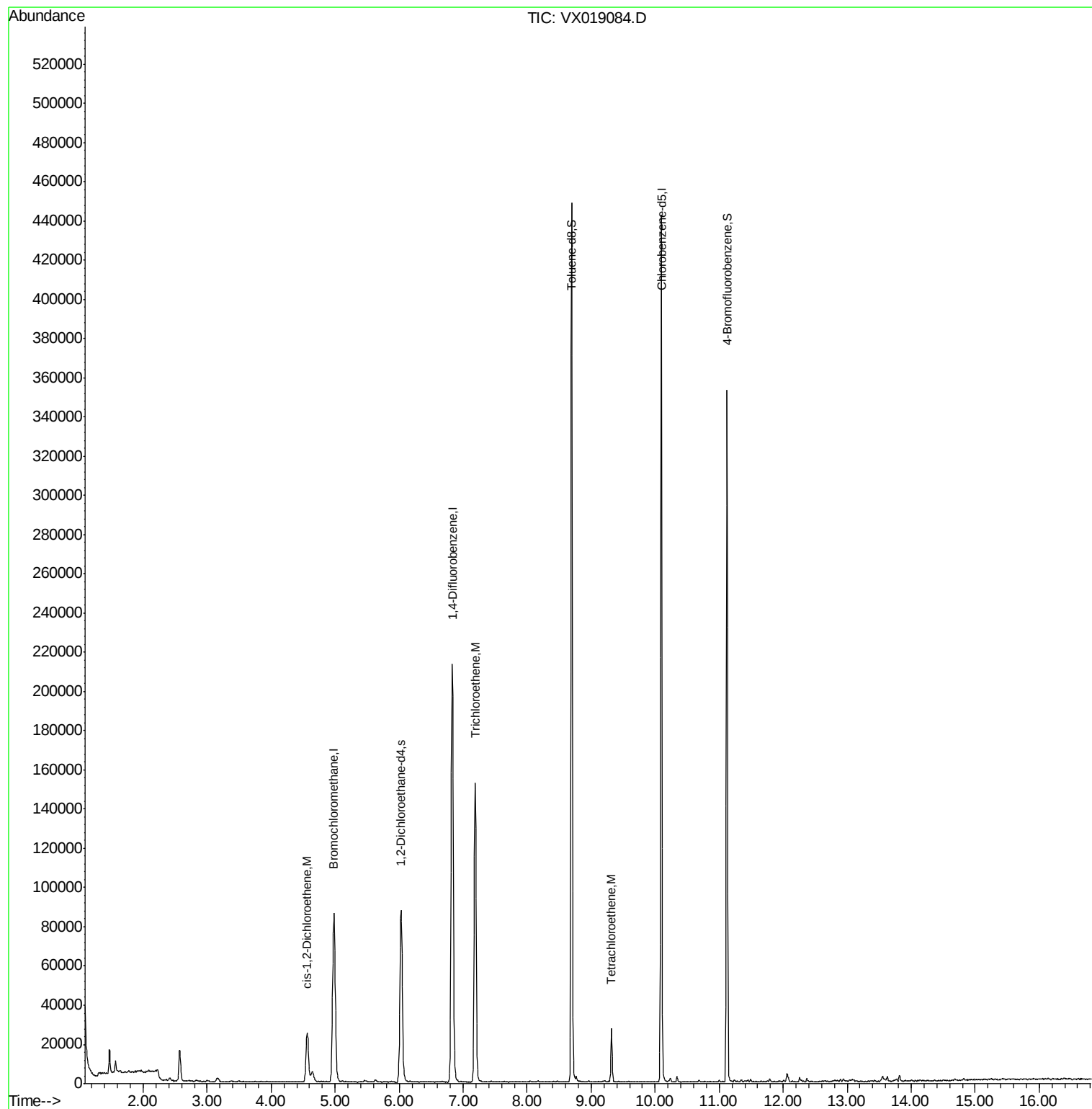
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	4.56	96	17192	6.194 ug/l	89
37) Trichloroethene	7.19	130	60858	22.413 ug/l	98
61) Tetrachloroethene	9.32	164	5059	2.119 ug/l	90

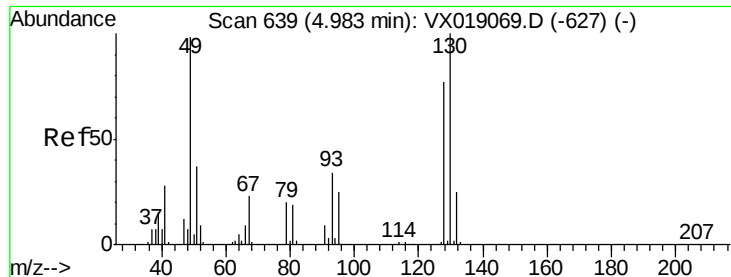
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX102320\
Data File : VX019084.D
Acq On : 23 Oct 2020 18:23
Operator : JC/SP
Sample : L4473-02
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TT-019-IDW/GW-20201019

Quant Time: Oct 26 11:47:51 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA X\METHOD\624X102320W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Oct 26 03:21:29 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 638

Delta R.T. -0.01 min

Lab File: VX019084.D

Acq: 23 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

TT-019-IDW/GW-20201019

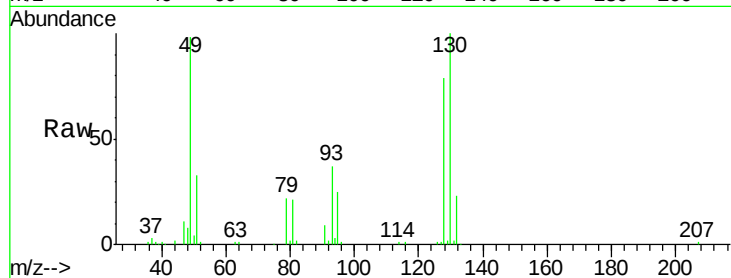
Tot Ion:128 Resp: 40753

Ion Ratio Lower Upper

128 100

49 128.2 0.0 318.8

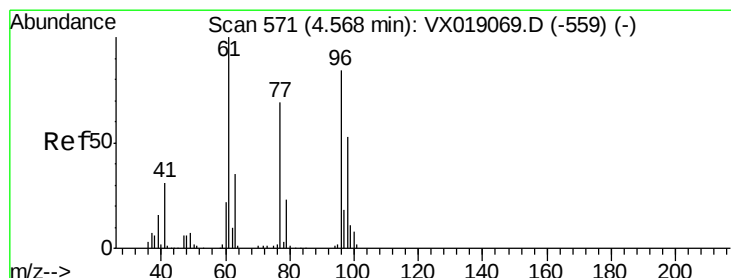
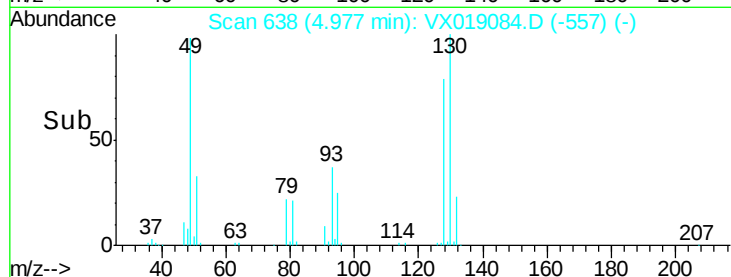
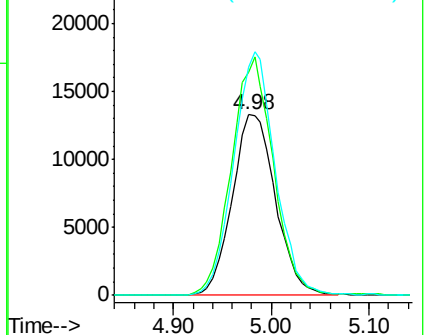
130 129.1 0.0 321.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#22

cis-1,2-Dichloroethene

Concen: 6.194 ug/l

RT: 4.56 min Scan# 570

Delta R.T. -0.01 min

Lab File: VX019084.D

Acq: 23 Oct 2020 18:23

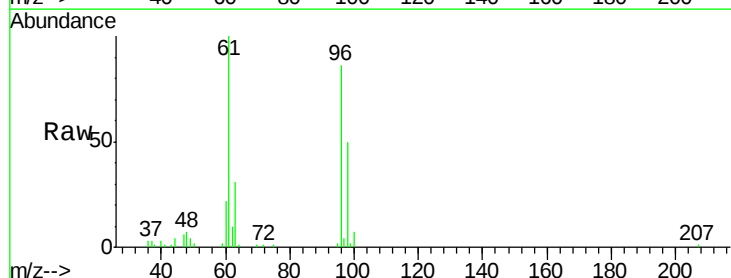
Tgt Ion: 96 Resp: 17192

Ion Ratio Lower Upper

96 100

61 110.6 101.9 152.9

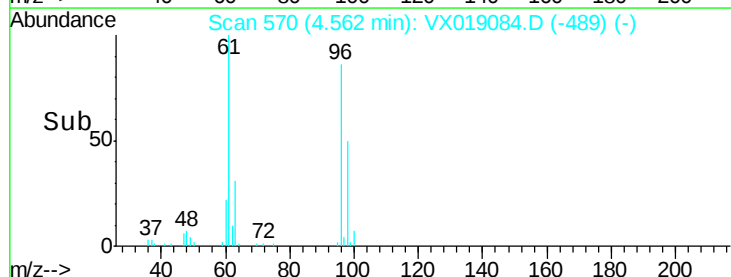
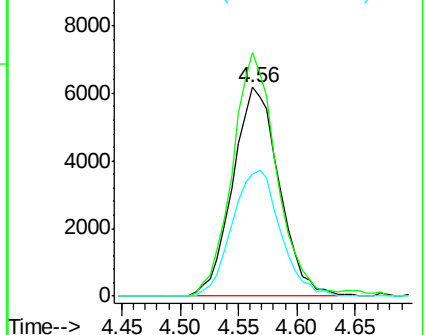
98 62.2 51.3 76.9

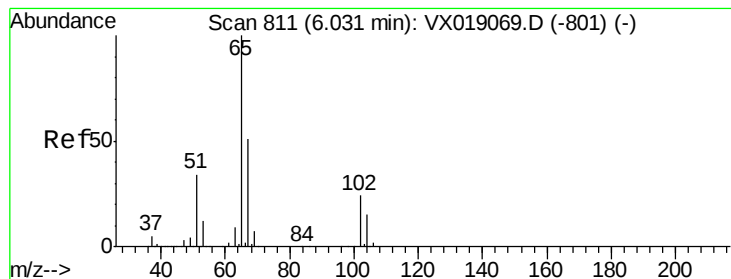


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 30.675 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.00 min

Lab File: VX019084.D

Acq: 23 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

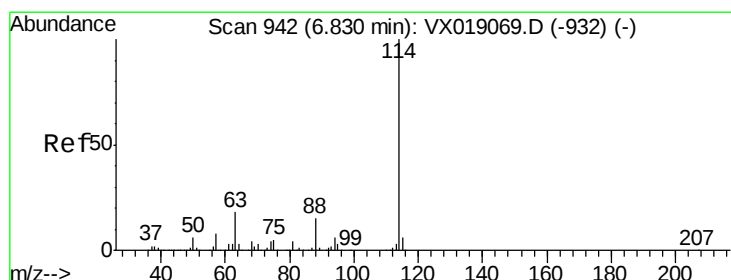
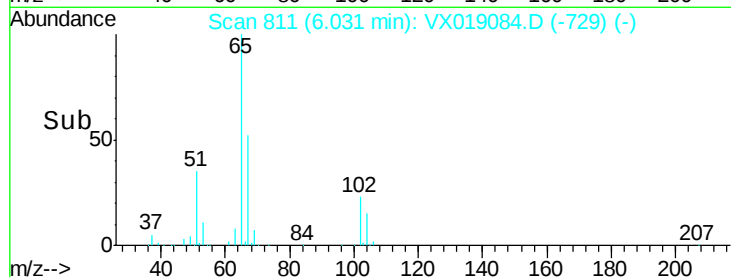
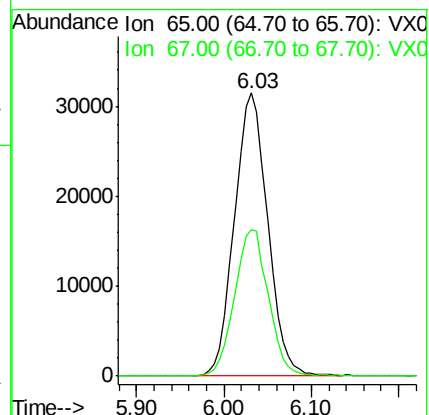
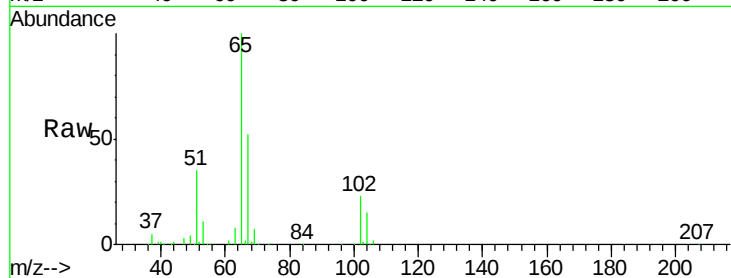
TT-019-IDW/GW-20201019

Tot Ion: 65 Resp: 83265

Ion Ratio Lower Upper

65 100

67 52.4 42.0 63.0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019084.D

Acq: 23 Oct 2020 18:23

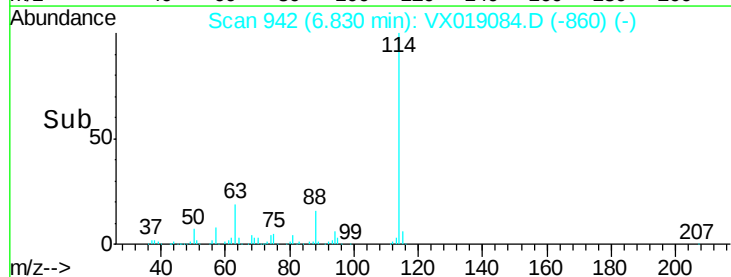
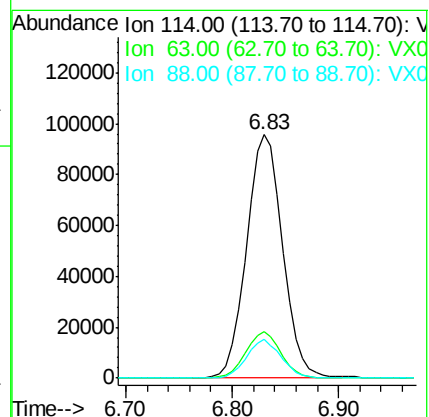
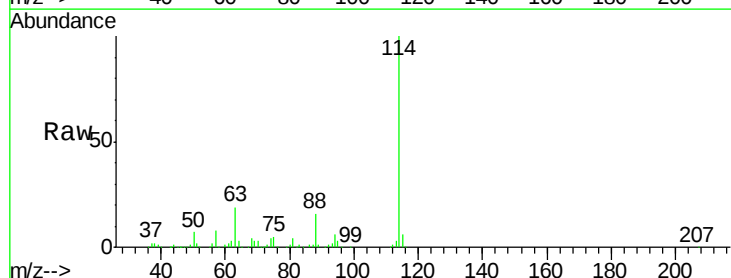
Tgt Ion: 114 Resp: 227586

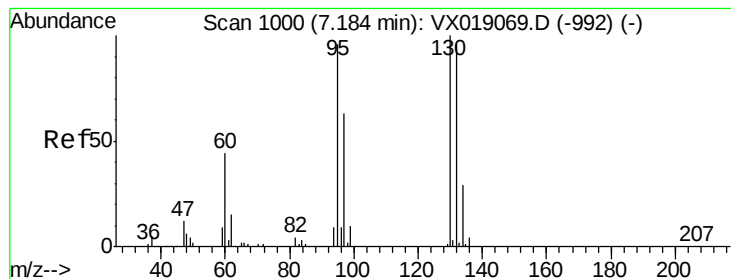
Ion Ratio Lower Upper

114 100

63 18.6 14.6 21.8

88 15.3 12.2 18.2





#37

Trichloroethene

Concen: 22.413 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX019084.D

Acq: 23 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

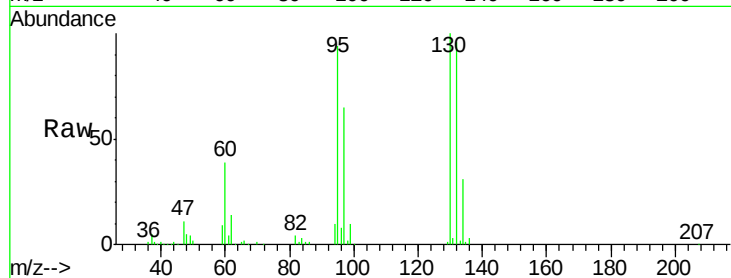
TT-019-IDW/GW-20201019

Tot Ion:130 Resp: 60858

Ion Ratio Lower Upper

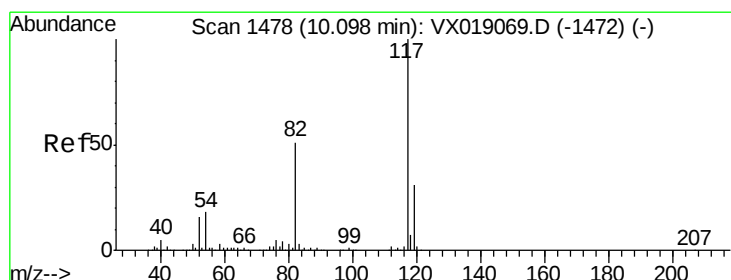
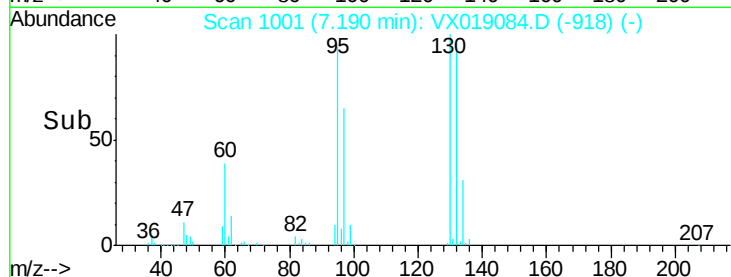
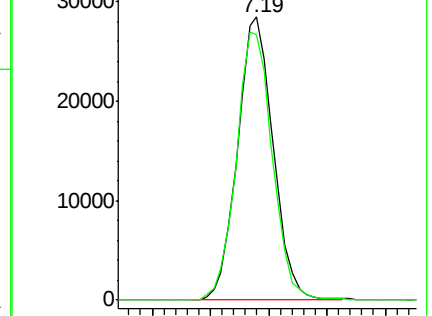
130 100

95 94.0 76.8 115.2



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. 0.00 min

Lab File: VX019084.D

Acq: 23 Oct 2020 18:23

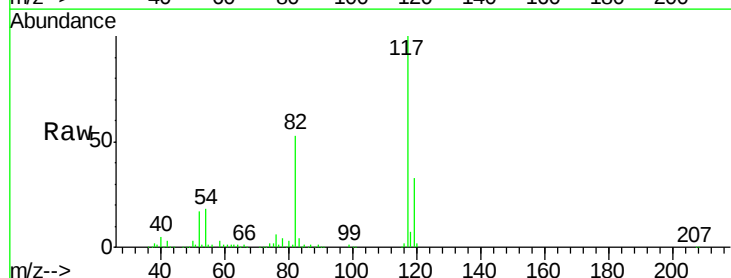
Tgt Ion:117 Resp: 201198

Ion Ratio Lower Upper

117 100

82 54.7 42.5 63.7

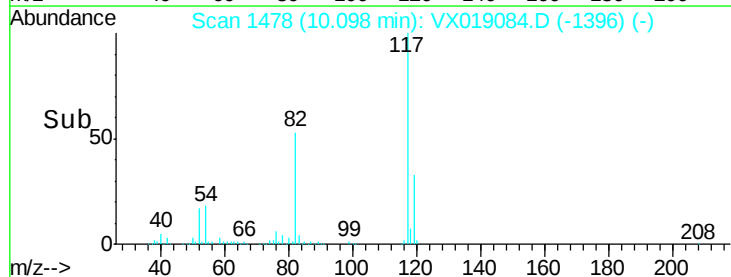
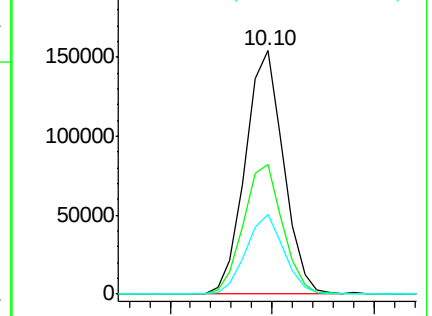
119 32.6 25.6 38.4

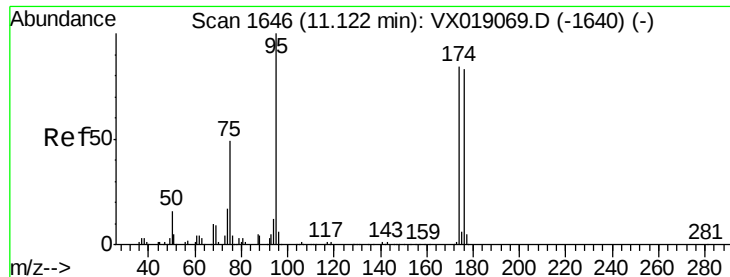


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

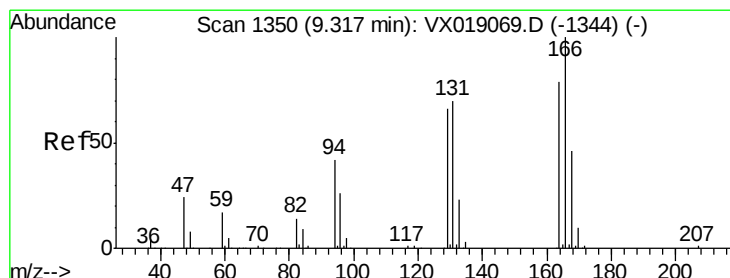
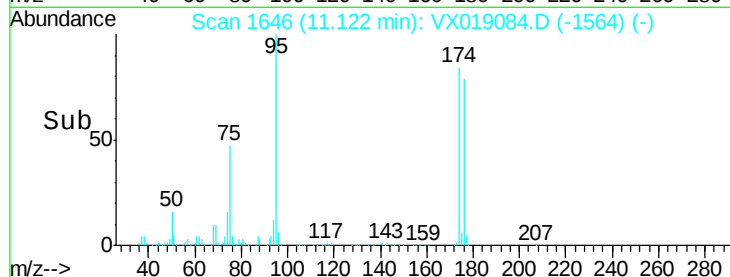
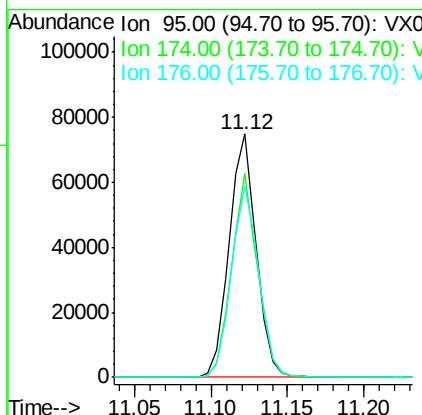
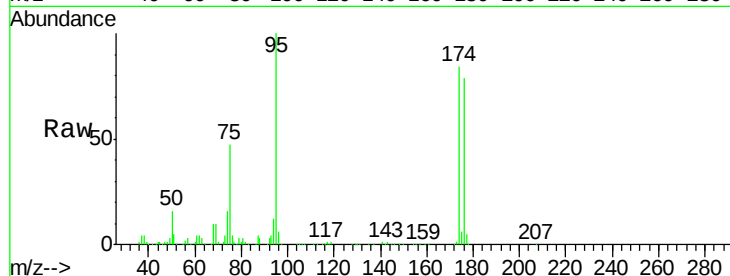




#60
4-Bromofluorobenzene
Concen: 30.353 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019084.D
Acq: 23 Oct 2020 18:23

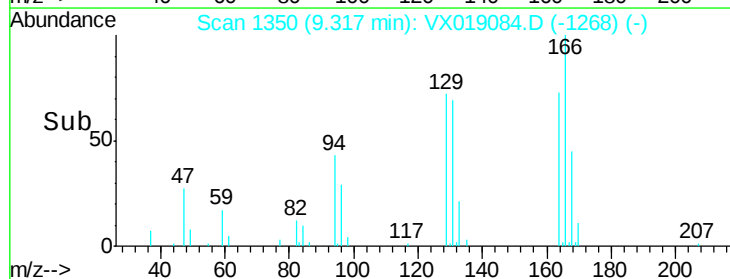
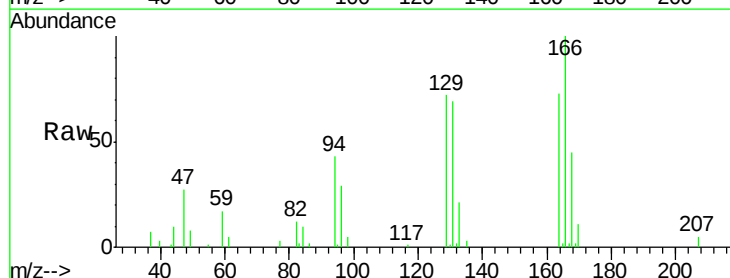
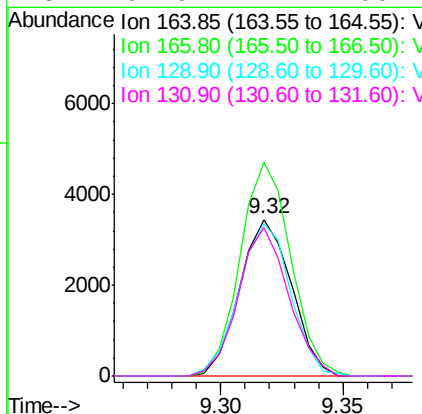
Instrument :
MSVOA_X
ClientSampleId :
TT-019-IDWGW-20201019

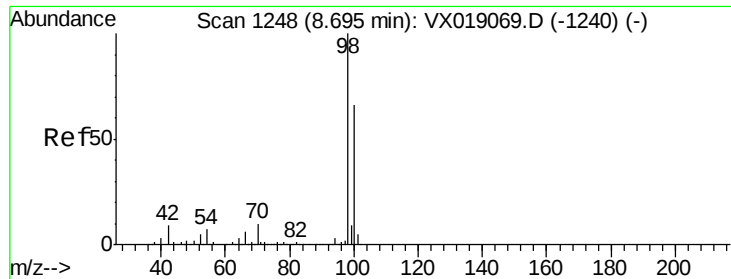
Tot Ion: 95 Resp: 91661
Ion Ratio Lower Upper
95 100
174 80.7 66.3 99.5
176 79.2 65.5 98.3



#61
Tetrachloroethene
Concen: 2.119 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX019084.D
Acq: 23 Oct 2020 18:23

Tgt Ion: 164 Resp: 5059
Ion Ratio Lower Upper
164 100
166 136.7 101.9 152.9
129 97.8 67.0 100.6
131 94.9 71.1 106.7





#63

Toluene-d8

Concen: 30.512 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019084.D

Acq: 23 Oct 2020 18:23

Instrument :

MSVOA_X

ClientSampleId :

TT-019-IDW/GW-20201019

Tot Ion: 98 Resp: 271042

Ion Ratio Lower Upper

98 100

100 64.6 52.2 78.4

