

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102320\
 Data File : VX019102.D
 Acq On : 24 Oct 2020 03:22
 Operator : JC/SP
 Sample : L4417-14DL 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6DL

Quant Time: Oct 26 06:18:36 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

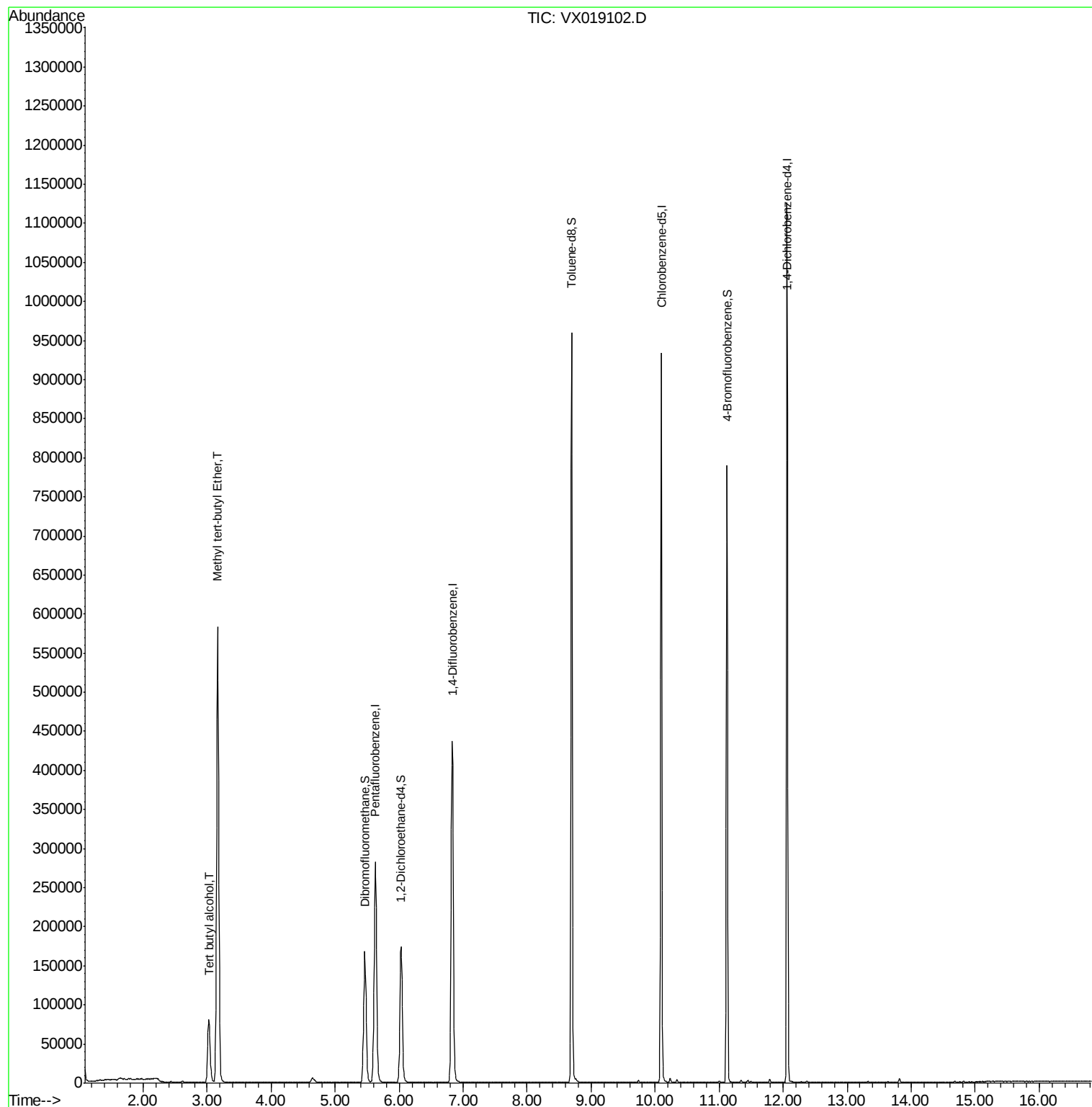
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	277448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	471280	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	450829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	230367	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	165014	49.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.30%	
35) Dibromofluoromethane	5.46	113	145264	48.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.36%	
50) Toluene-d8	8.70	98	584127	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	11.12	95	207183	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
Target Compounds						
11) Tert butyl alcohol	3.03	59	127085	188.808	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	724593	84.707	ug/l	99

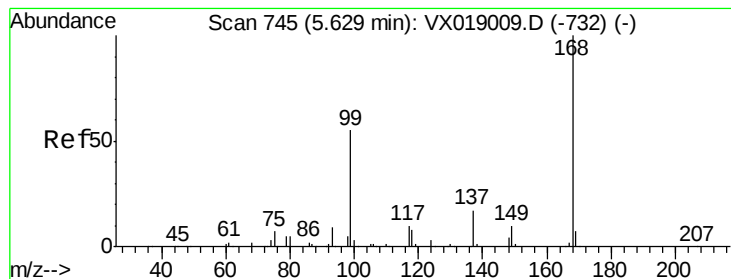
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.00 min

Lab File: VX019102.D

Acq: 24 Oct 2020 03:22

Instrument :

MSVOA_X

ClientSampleId :

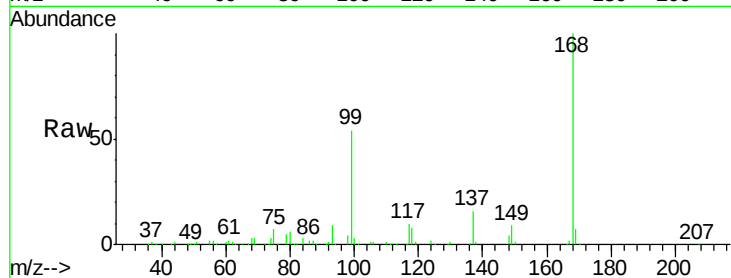
MW-6DL

Tot Ion:168 Resp: 277448

Ion Ratio Lower Upper

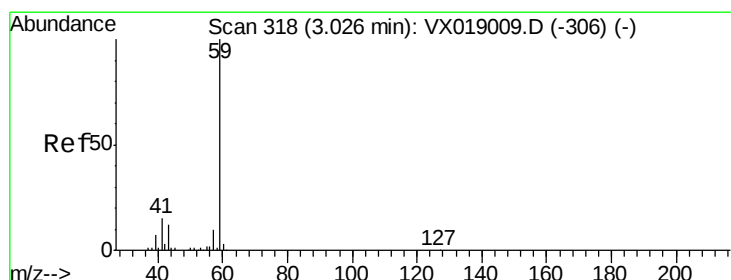
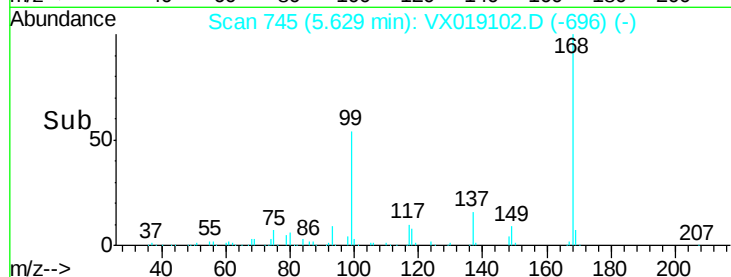
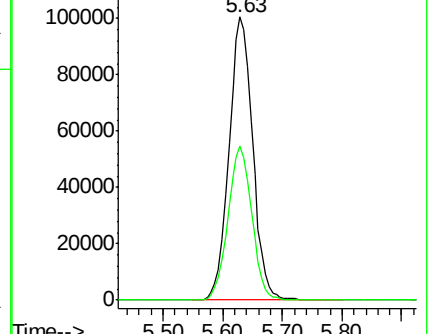
168 100

99 54.4 44.2 66.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 188.808 ug/l

RT: 3.03 min Scan# 318

Delta R.T. 0.00 min

Lab File: VX019102.D

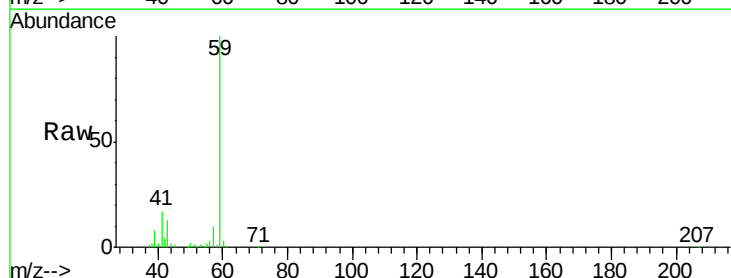
Acq: 24 Oct 2020 03:22

Tgt Ion: 59 Resp: 127085

Ion Ratio Lower Upper

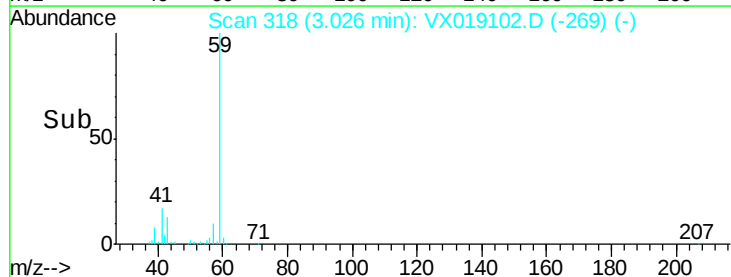
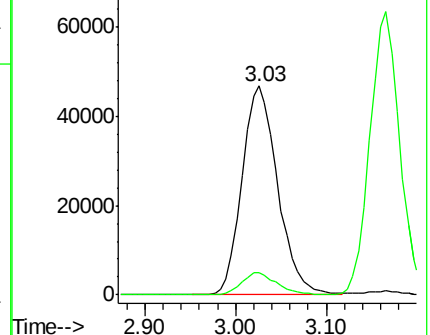
59 100

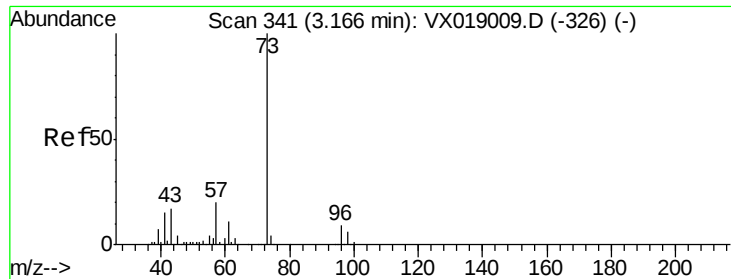
57 10.6 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

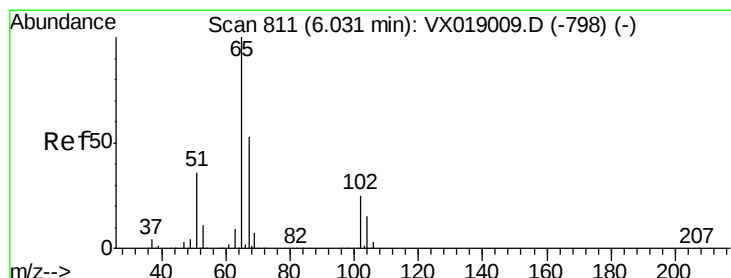
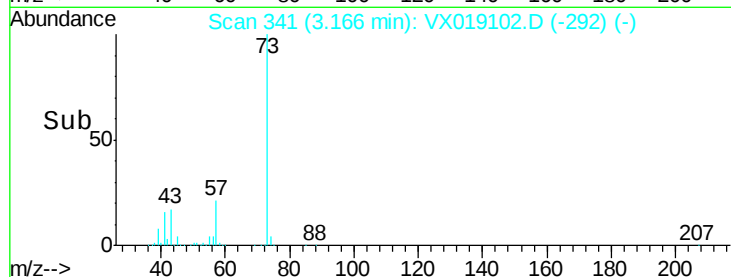
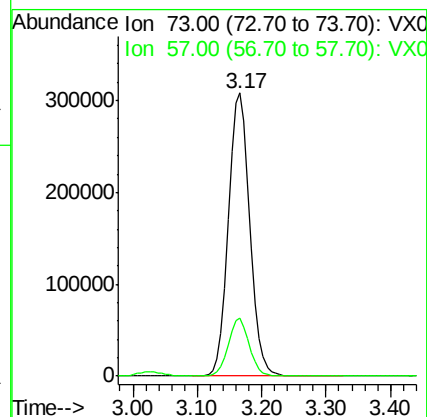
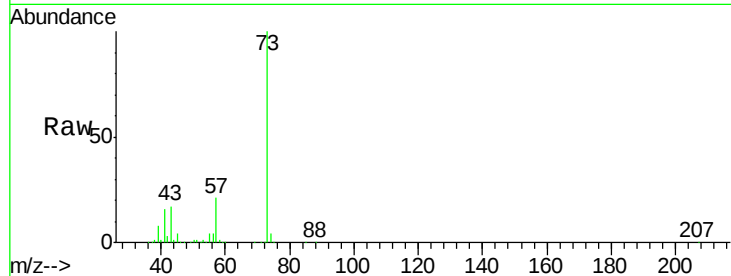




#19
Methvl tert-butvl Ether
Concen: 84.707 ug/l
RT: 3.17 min Scan# 341
Delta R.T. 0.00 min
Lab File: VX019102.D
Acq: 24 Oct 2020 03:22

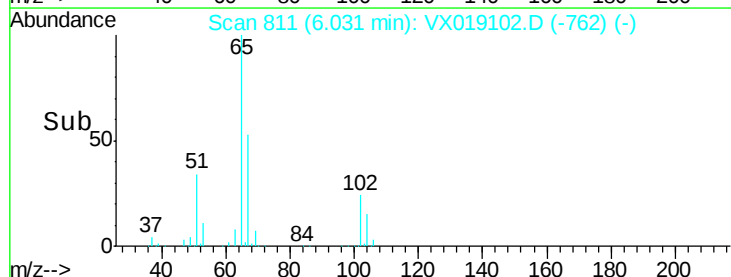
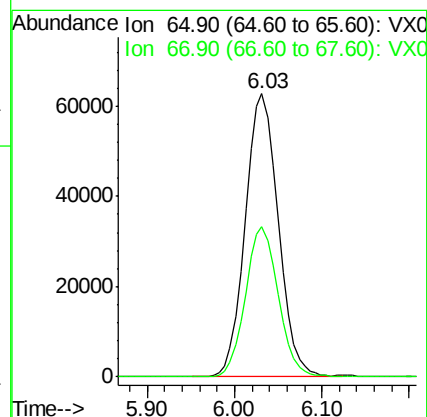
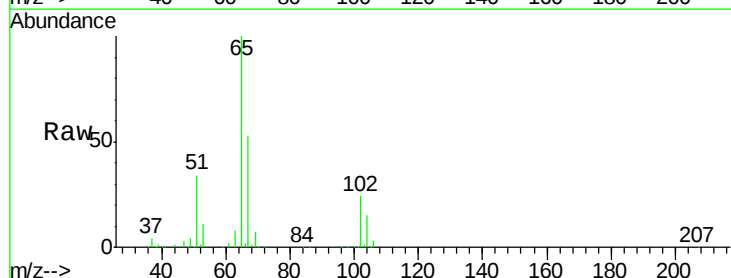
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL

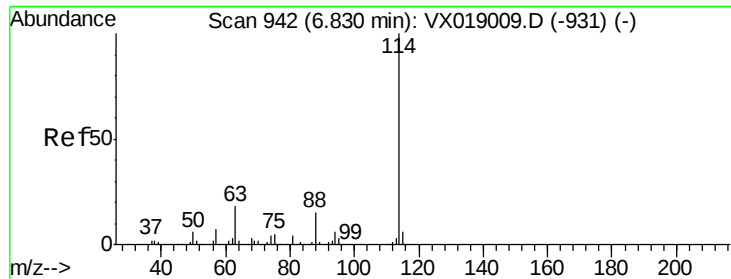
Tot Ion: 73 Resp: 724593
Ion Ratio Lower Upper
73 100
57 20.6 16.2 24.2



#33
1,2-Dichloroethane-d4
Concen: 49.652 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX019102.D
Acq: 24 Oct 2020 03:22

Tgt Ion: 65 Resp: 165014
Ion Ratio Lower Upper
65 100
67 52.6 0.0 107.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019102.D

Acq: 24 Oct 2020 03:22

Instrument :

MSVOA_X

ClientSampleId :

MW-6DL

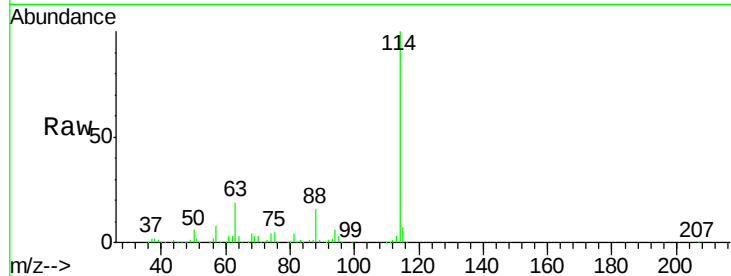
Tot Ion:114 Resp: 471280

Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.8

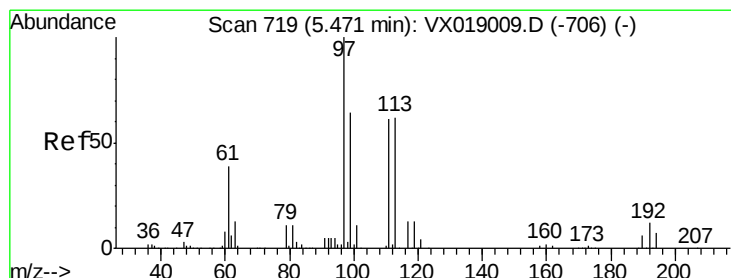
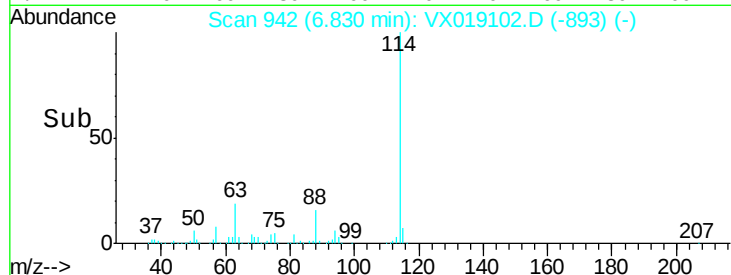
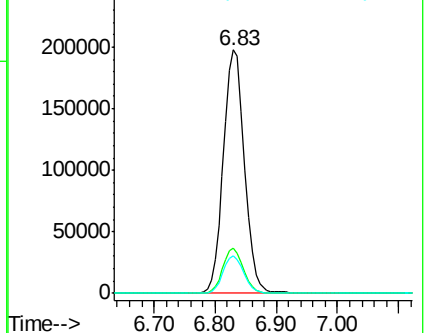
88 15.6 0.0 30.2



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: 48.684 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX019102.D

Acq: 24 Oct 2020 03:22

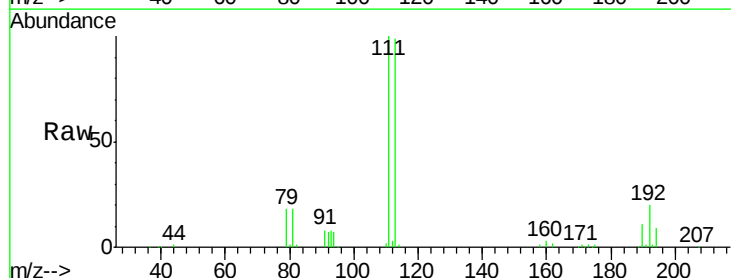
Tgt Ion:113 Resp: 145264

Ion Ratio Lower Upper

113 100

111 101.7 81.5 122.3

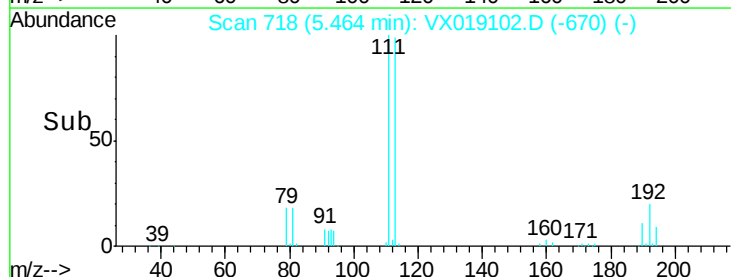
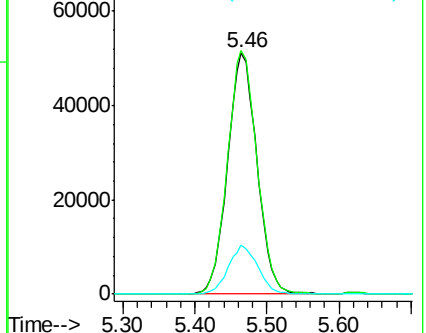
192 20.2 16.3 24.5

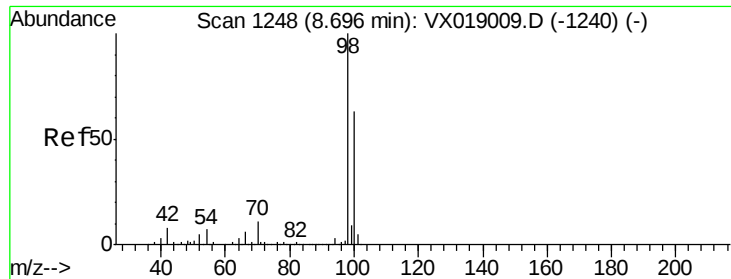


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

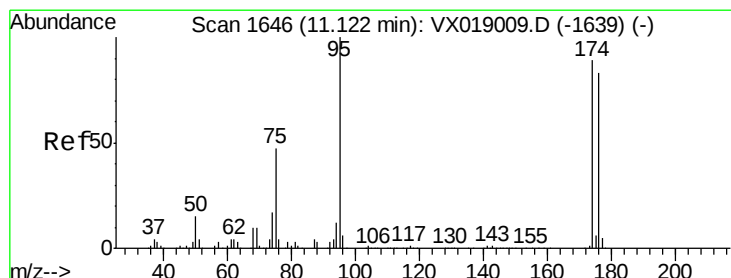
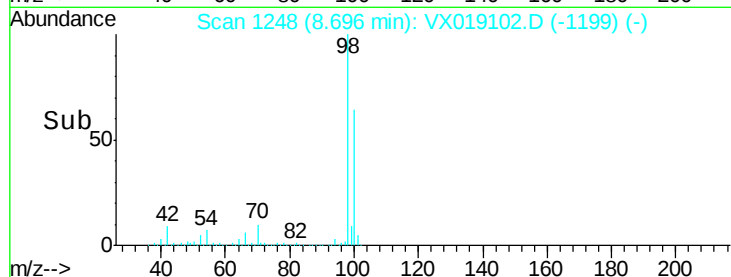
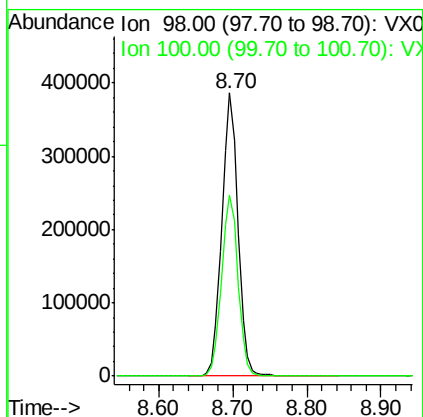
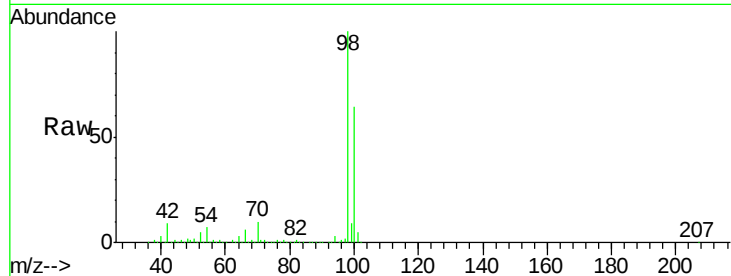




#50
Toluene-d8
Concen: 51.301 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. 0.00 min
Lab File: VX019102.D
Acq: 24 Oct 2020 03:22

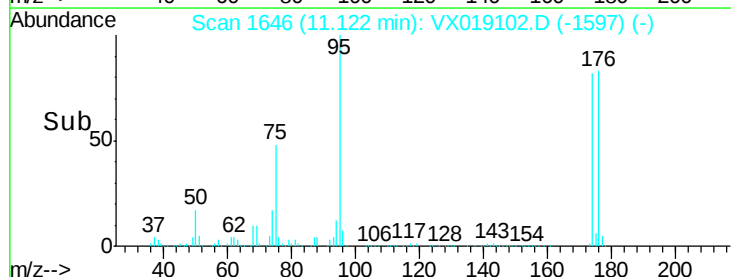
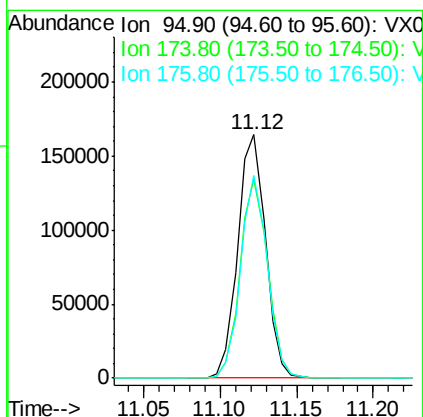
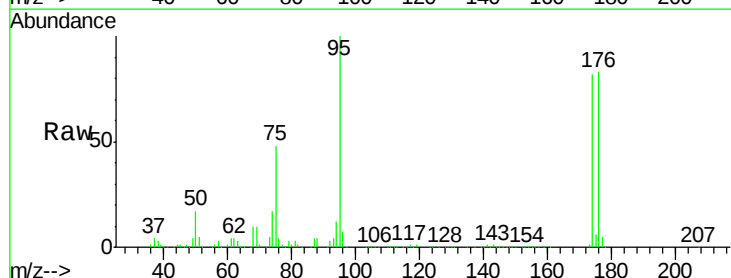
Instrument :
MSVOA_X
ClientSampleId :
MW-6DL

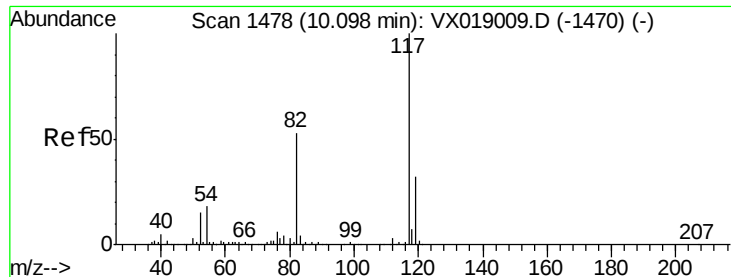
Tot Ion: 98 Resp: 584127
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 51.154 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. 0.00 min
Lab File: VX019102.D
Acq: 24 Oct 2020 03:22

Tgt Ion: 95 Resp: 207183
Ion Ratio Lower Upper
95 100
174 81.4 0.0 167.6
176 80.5 0.0 165.2

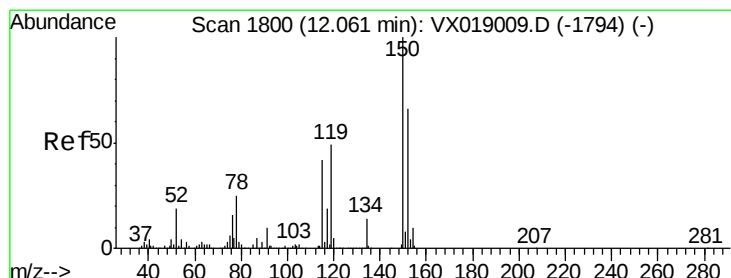
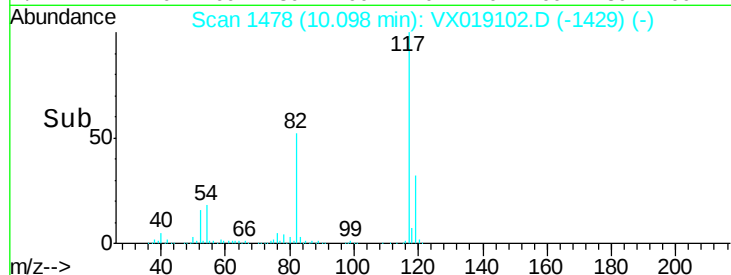
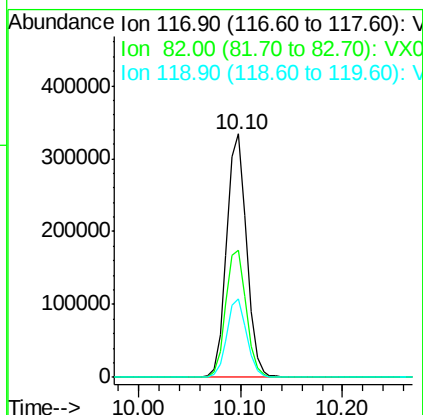
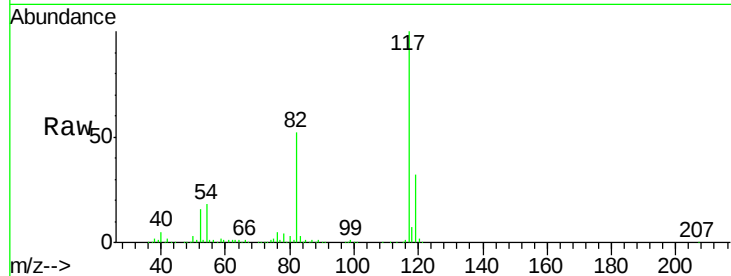




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019102.D
Acq: 24 Oct 2020 03:22

Instrument :
MSVOA_X
ClientSampleId :
MW-6DL

Tot Ion:117 Resp: 450829
Ion Ratio Lower Upper
117 100
82 52.4 42.4 63.6
119 32.5 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: VX019102.D
Acq: 24 Oct 2020 03:22

Tgt Ion:152 Resp: 230367
Ion Ratio Lower Upper
152 100
115 57.7 40.8 122.5
150 155.6 0.0 345.6

