

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX112120\
 Data File : VX019504.D
 Acq On : 20 Nov 2020 18:36
 Operator : JC/MD
 Sample : L4836-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GW-02

Quant Time: Nov 21 04:32:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	272709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	448220	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	401203	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	167277	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	169690	47.99	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.98%		
35) Dibromofluoromethane	5.46	113	134318	47.74	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.48%		
50) Toluene-d8	8.70	98	536837	49.10	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.20%		
62) 4-Bromofluorobenzene	11.12	95	181194	46.06	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.12%		

Target Compounds

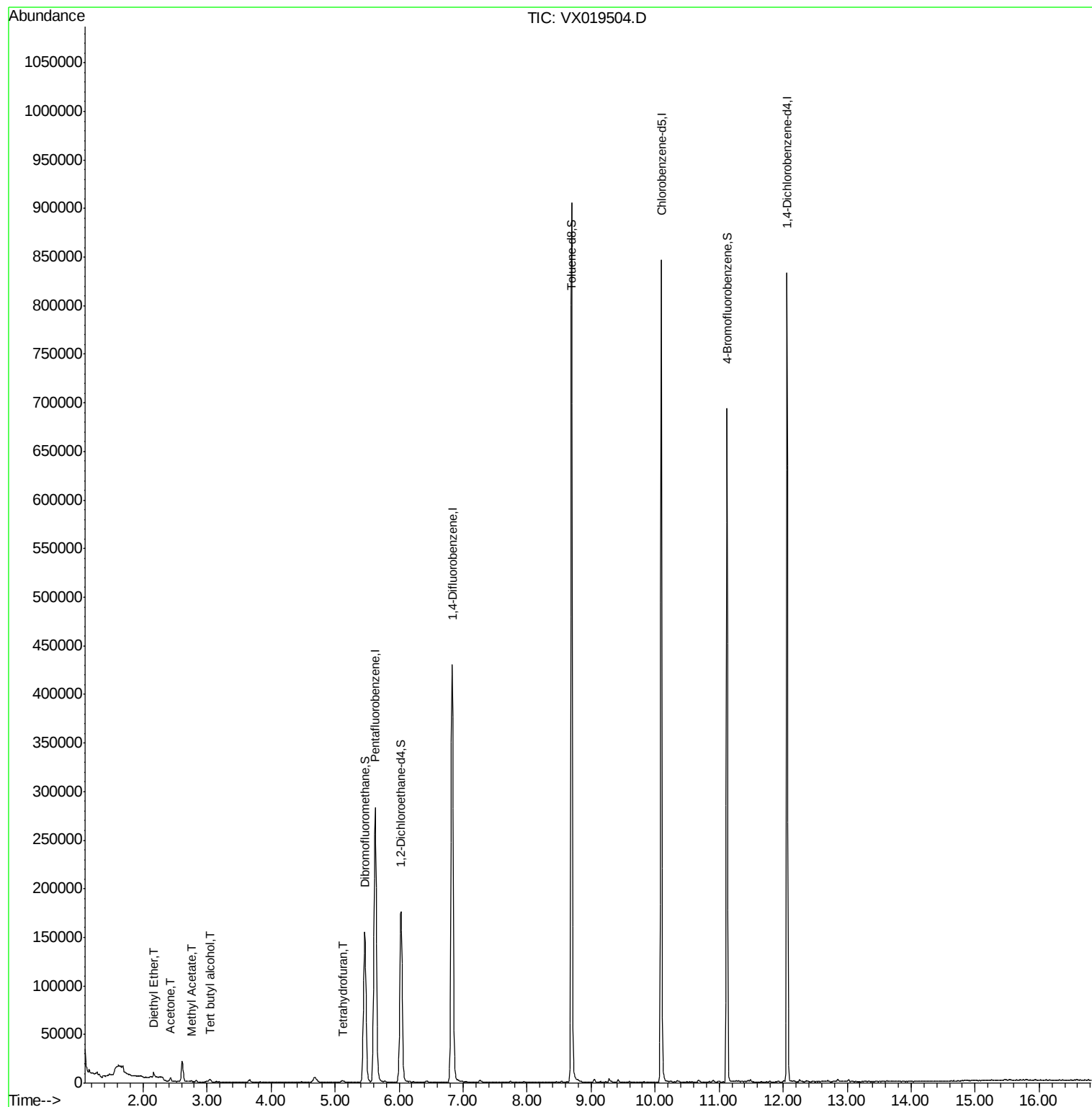
					Qvalue	
8) Diethyl Ether	2.17	74	1872	0.989	ug/l	98
11) Tert butyl alcohol	3.04	59	4099	6.125	ug/l #	82
16) Acetone	2.43	43	3774	2.760	ug/l	98
18) Methyl Acetate	2.75	43	1168	0.978	ug/l	99
29) Tetrahydrofuran	5.11	42	1638	1.250	ug/l #	64

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX112120\
Data File : VX019504.D
Acq On : 20 Nov 2020 18:36
Operator : JC/MD
Sample : L4836-11
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
GW-02

Quant Time: Nov 21 04:32:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 21 01:57:45 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: VX019504.D

Acq: 20 Nov 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

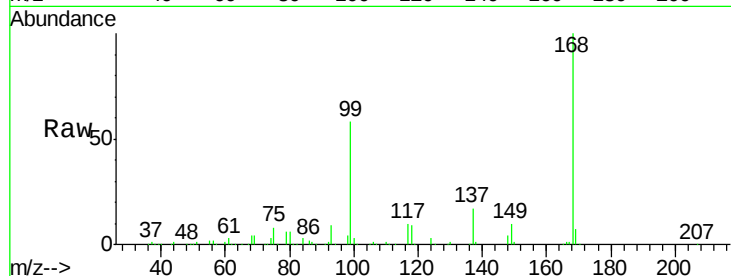
GW-02

Tot Ion:168 Resp: 272709

Ion Ratio Lower Upper

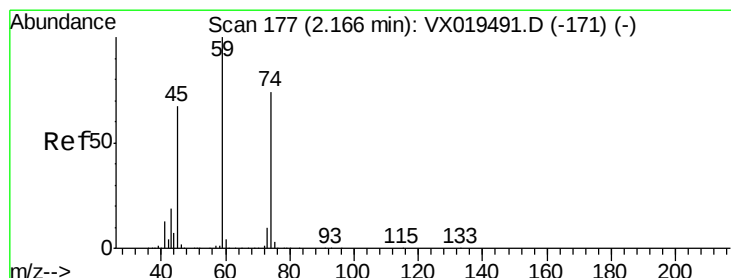
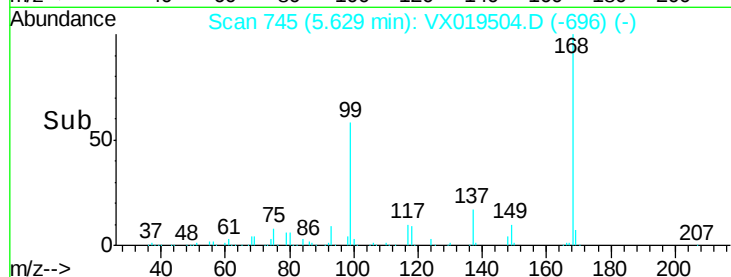
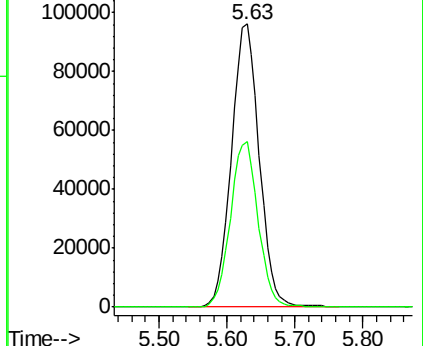
168 100

99 58.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#8

Diethyl Ether

Concen: 0.989 ug/l

RT: 2.17 min Scan# 177

Delta R.T. -0.00 min

Lab File: VX019504.D

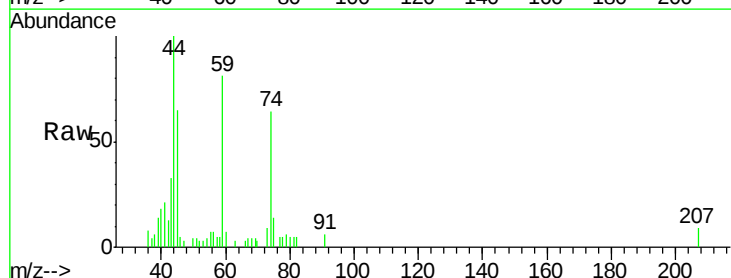
Acq: 20 Nov 2020 18:36

Tgt Ion: 74 Resp: 1872

Ion Ratio Lower Upper

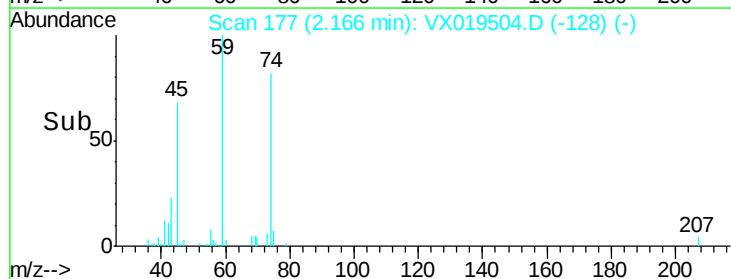
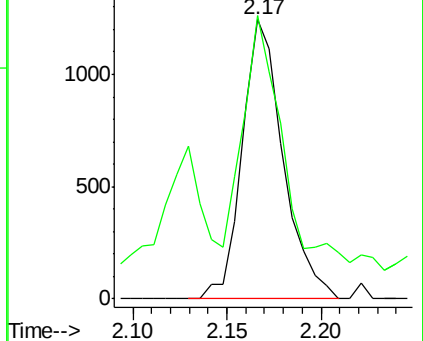
74 100

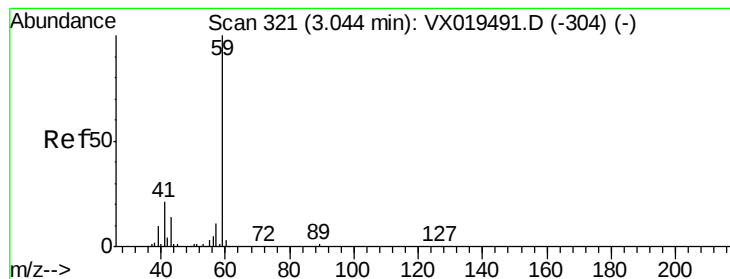
45 90.4 44.4 133.2



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#11

Tert butyl alcohol

Concen: 6.125 ug/l

RT: 3.04 min Scan# 320

Delta R.T. -0.01 min

Lab File: VX019504.D

Acq: 20 Nov 2020 18:36

Instrument :

MSVOA_X

ClientSampled :

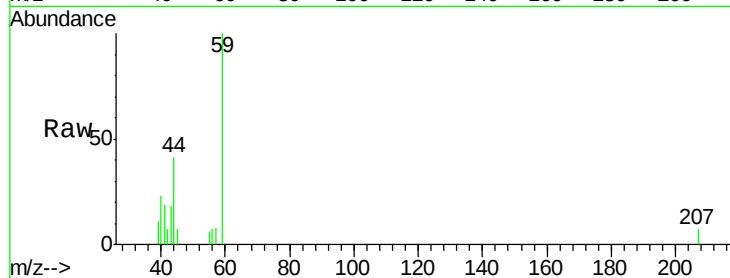
GW-02

Tot Ion: 59 Resp: 4099

Ion Ratio Lower Upper

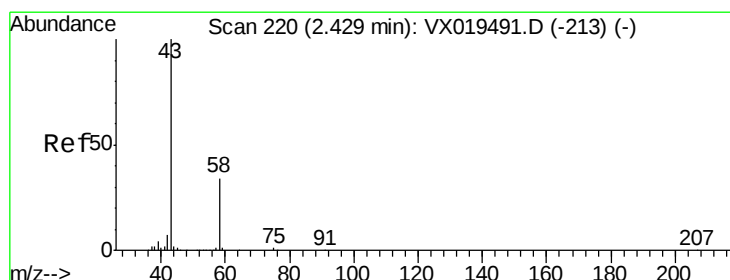
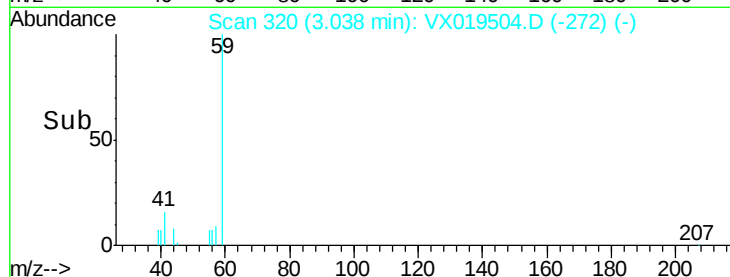
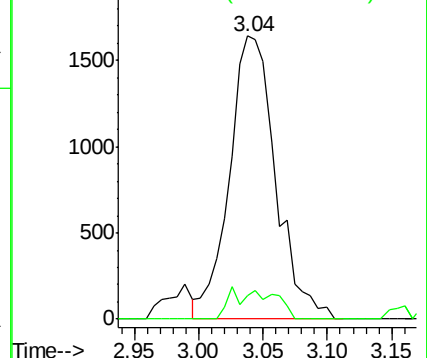
59 100

57 3.1 7.9 11.9#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#16

Acetone

Concen: 2.760 ug/l

RT: 2.43 min Scan# 220

Delta R.T. -0.00 min

Lab File: VX019504.D

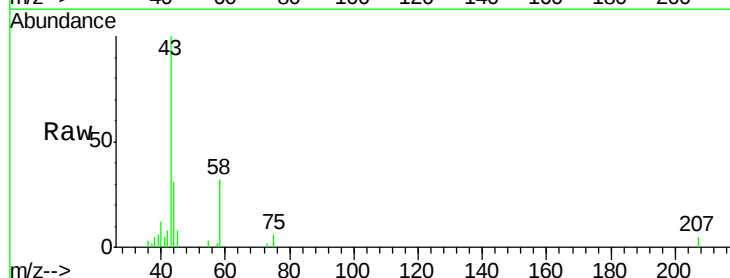
Acq: 20 Nov 2020 18:36

Tgt Ion: 43 Resp: 3774

Ion Ratio Lower Upper

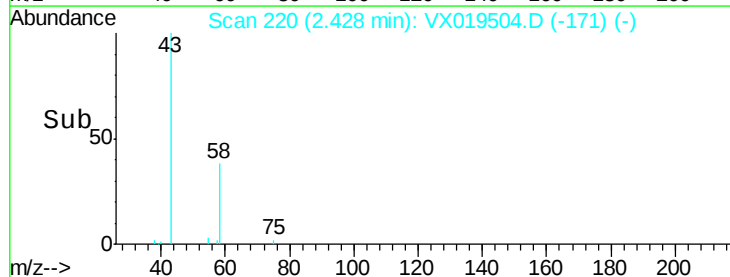
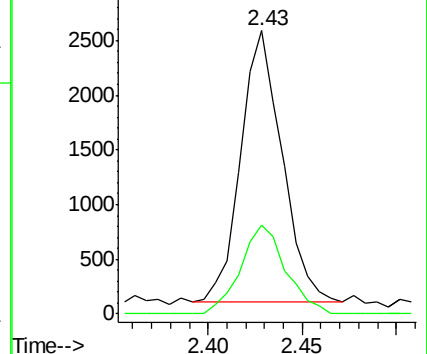
43 100

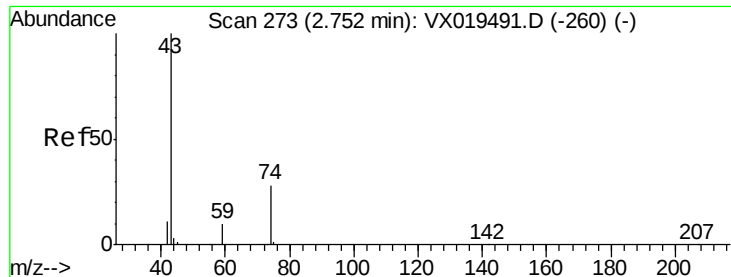
58 32.9 27.4 41.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

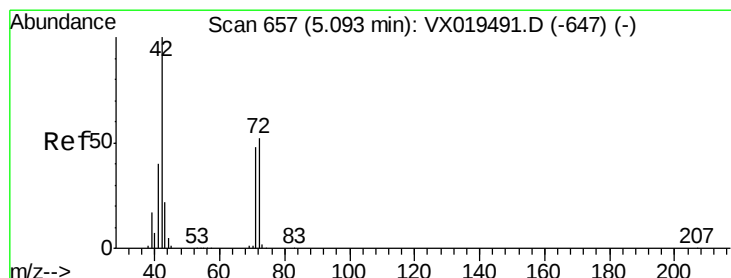
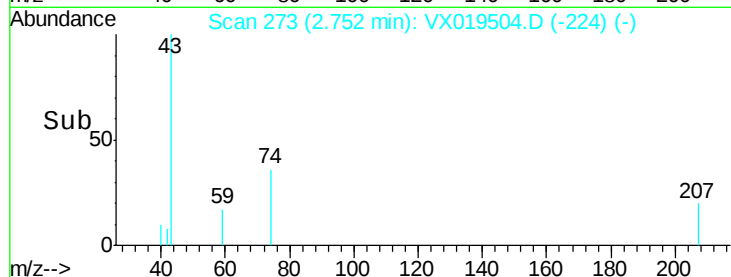
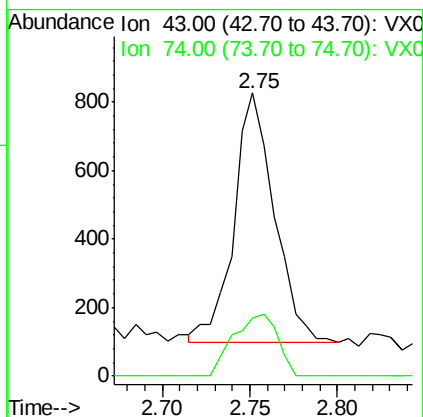
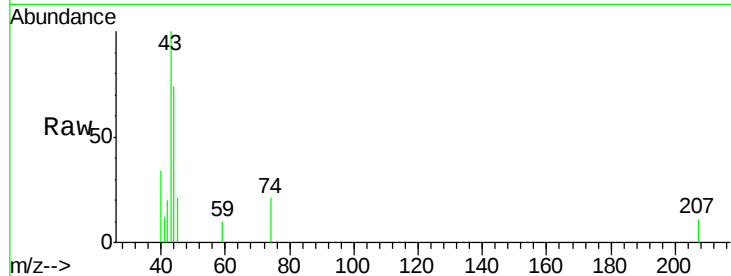




#18
Methyl Acetate
Concen: 0.978 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.00 min
Lab File: VX019504.D
Acq: 20 Nov 2020 18:36

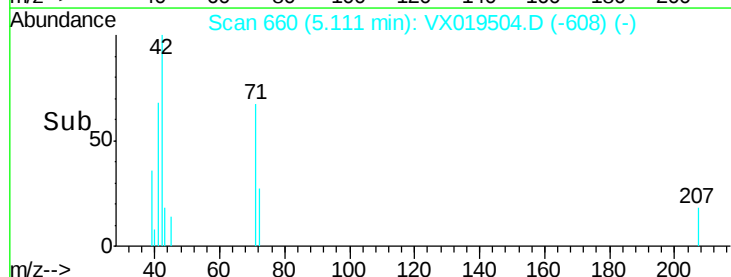
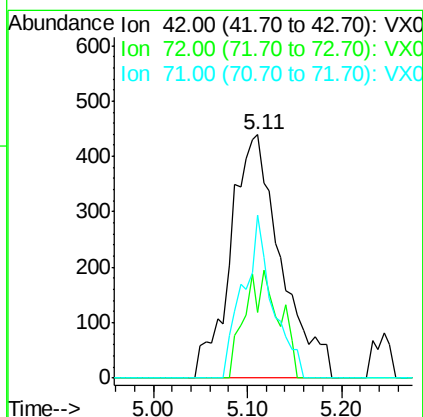
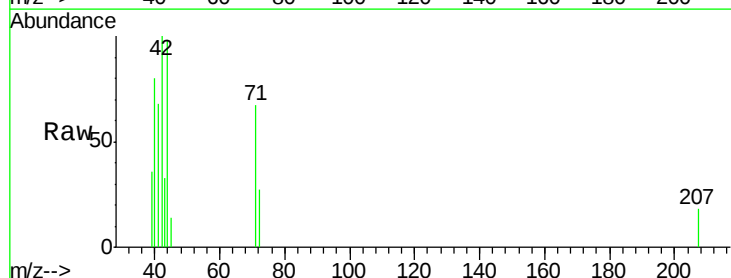
Instrument :
MSVOA_X
ClientSampleId :
GW-02

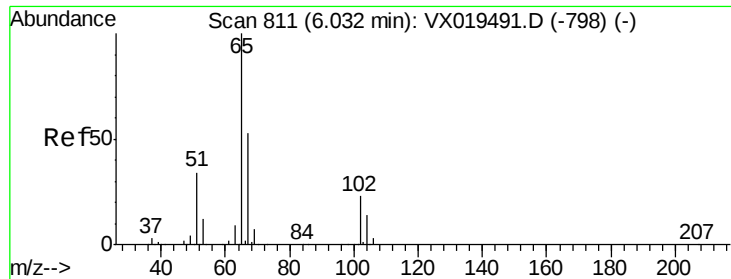
Tot Ion: 43 Resp: 1168
Ion Ratio Lower Upper
43 100
74 27.1 22.2 33.4



#29
Tetrahydrofuran
Concen: 1.250 ug/l
RT: 5.11 min Scan# 660
Delta R.T. 0.02 min
Lab File: VX019504.D
Acq: 20 Nov 2020 18:36

Tgt Ion: 42 Resp: 1638
Ion Ratio Lower Upper
42 100
72 13.3 42.6 63.8#
71 39.4 39.0 58.6

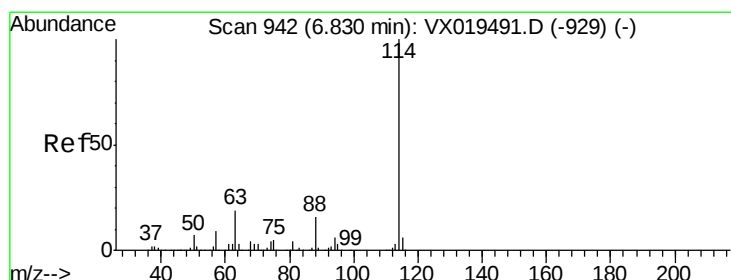
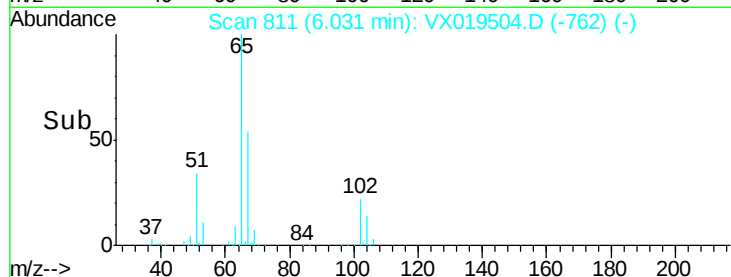
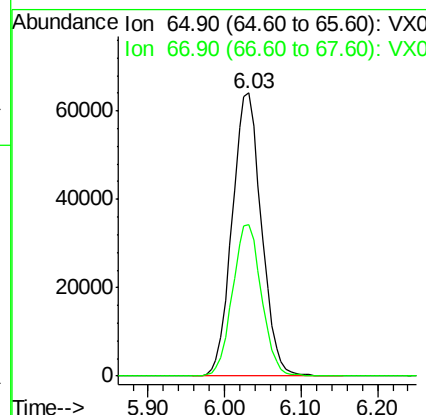
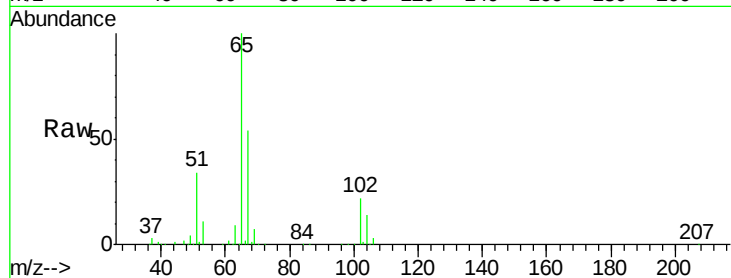




#33
 1,2-Dichloroethane-d4
 Concen: 47.991 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX019504.D
 Acq: 20 Nov 2020 18:36

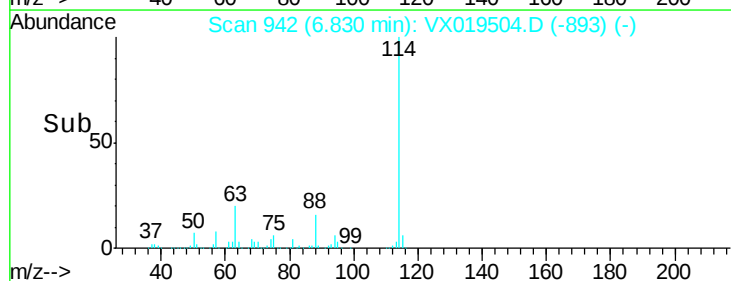
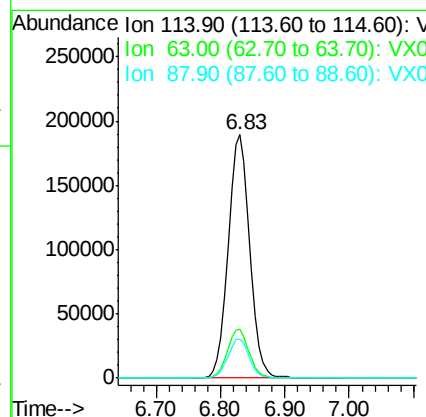
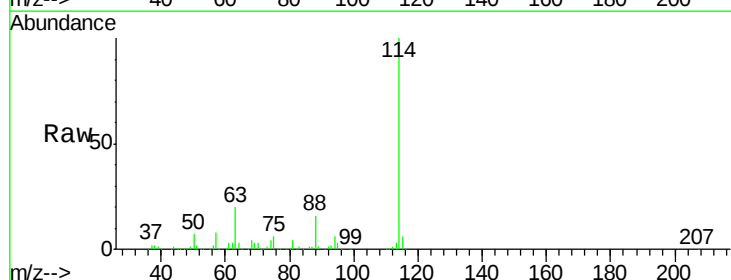
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-02

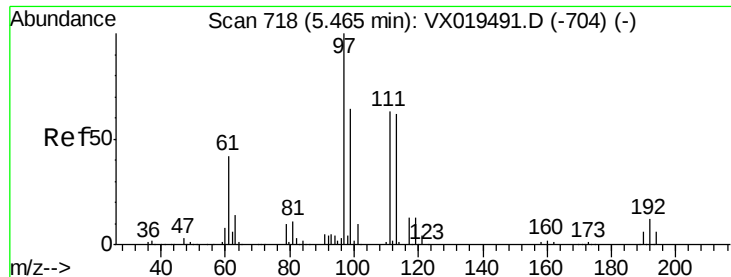
Tot Ion: 65 Resp: 169690
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: VX019504.D
 Acq: 20 Nov 2020 18:36

Tgt Ion: 114 Resp: 448220
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 38.8
 88 16.2 0.0 31.6

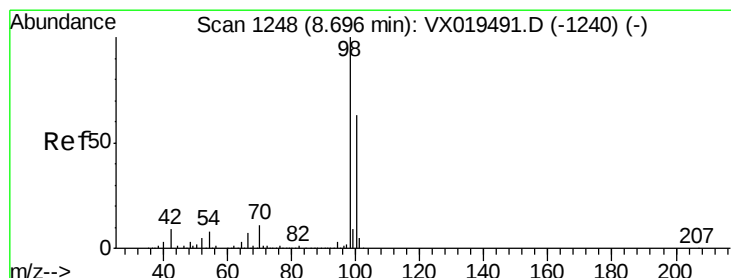
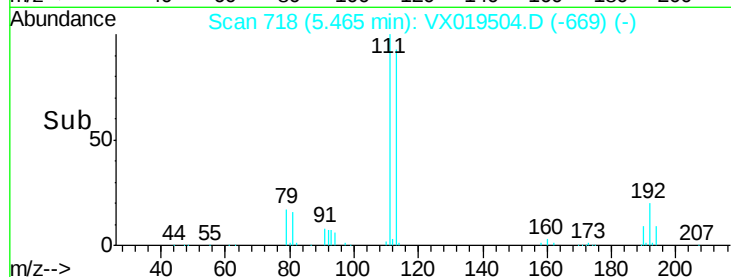
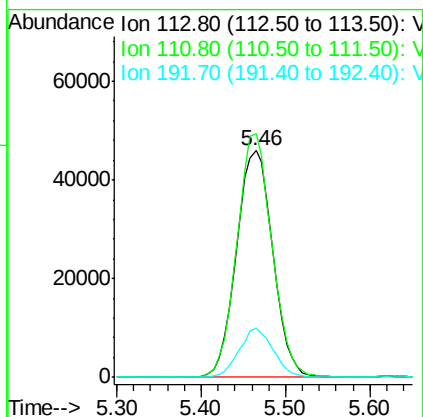
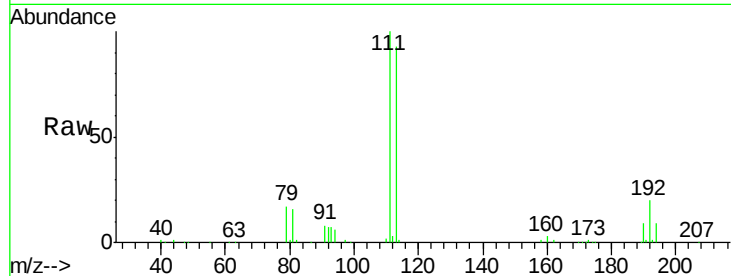




#35
 Dibromofluoromethane
 Concen: 47.741 ug/l
 RT: 5.46 min Scan# 718
 Delta R.T. -0.00 min
 Lab File: VX019504.D
 Acq: 20 Nov 2020 18:36

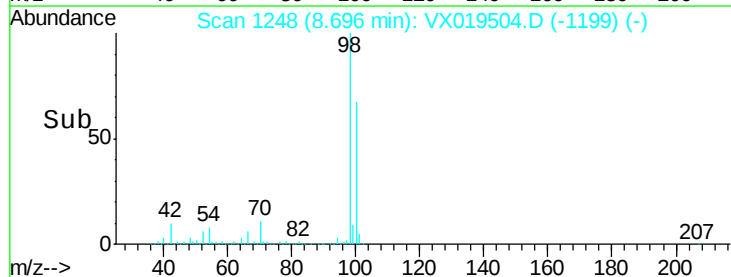
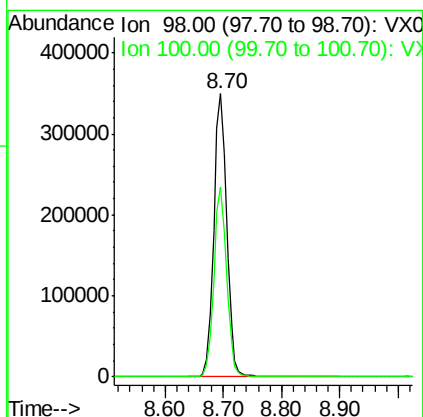
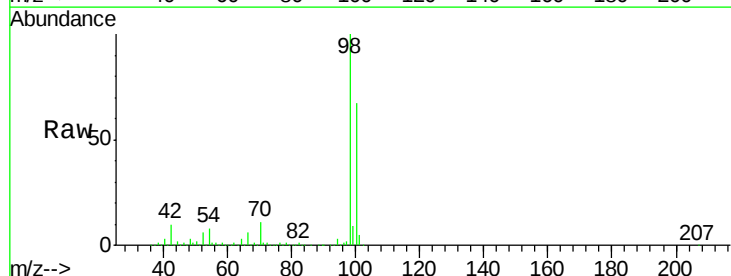
Instrument :
 MSVOA_X
 ClientSampleId :
 GW-02

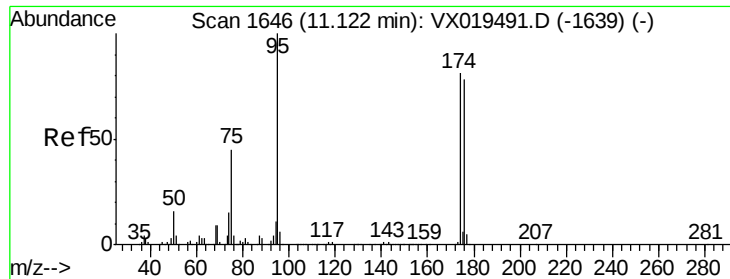
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	81.5	122.3
192	20.5	16.2	24.2



#50
 Toluene-d8
 Concen: 49.103 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX019504.D
 Acq: 20 Nov 2020 18:36

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.1	52.4	78.6





#62

4-Bromofluorobenzene

Concen: 46.064 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019504.D

Acq: 20 Nov 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

GW-02

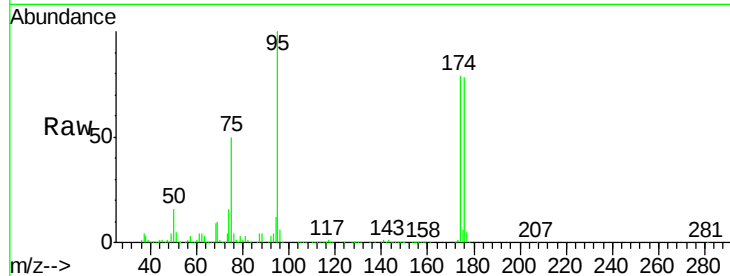
Tot Ion: 95 Resp: 181194

Ion Ratio Lower Upper

95 100

174 78.7 0.0 156.2

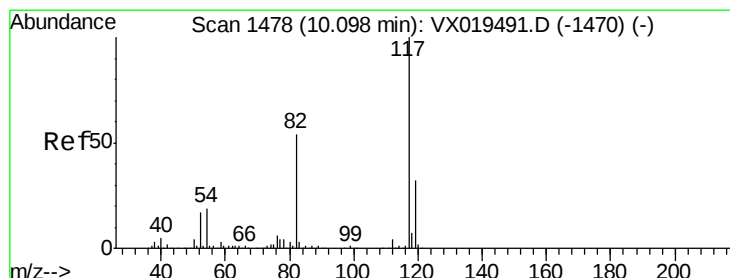
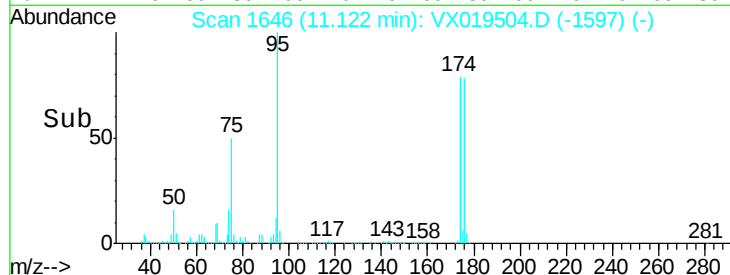
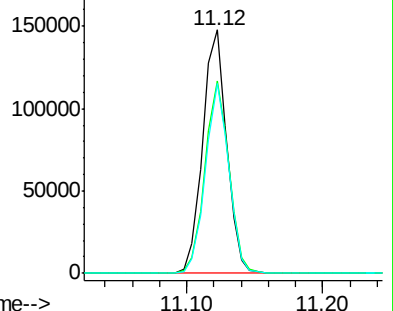
176 76.1 0.0 151.4



Abundance Ion 94.90 (94.60 to 95.60): VX019491.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX019491.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX019491.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019504.D

Acq: 20 Nov 2020 18:36

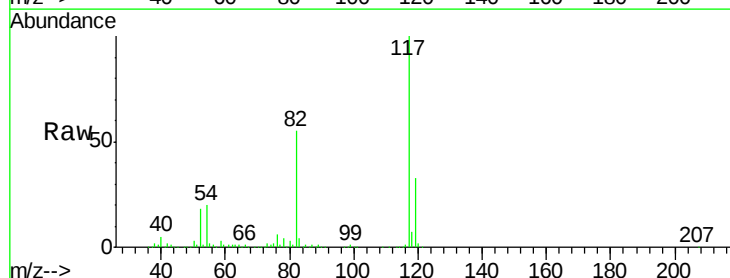
Tgt Ion: 117 Resp: 401203

Ion Ratio Lower Upper

117 100

82 55.3 43.0 64.4

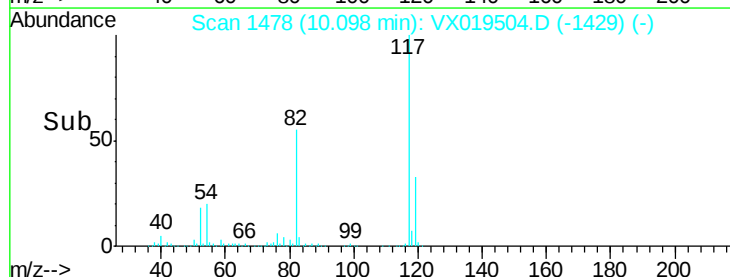
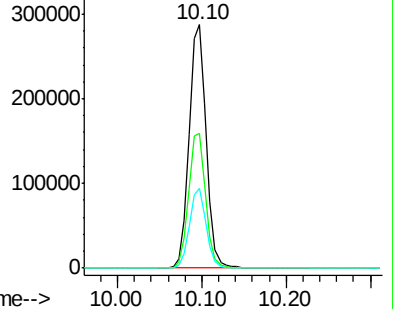
119 32.6 25.6 38.4

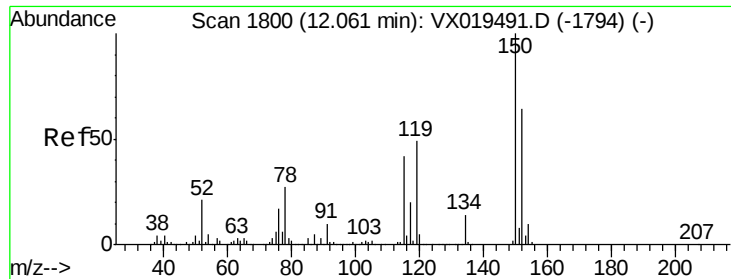


Abundance Ion 116.90 (116.60 to 117.60): VX019491.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX019491.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX019491.D (-1470) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019504.D

Acq: 20 Nov 2020 18:36

Instrument :

MSVOA_X

ClientSampleId :

GW-02

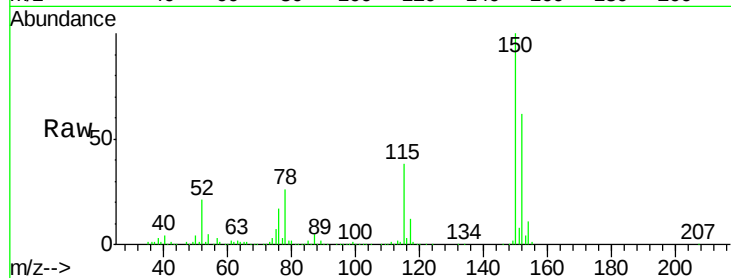
Tot Ion:152 Resp: 167277

Ion Ratio Lower Upper

152 100

115 60.0 41.8 125.4

150 158.5 0.0 348.2



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

