

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102220\
 Data File : VX019038.D
 Acq On : 22 Oct 2020 19:22
 Operator : JC/SP
 Sample : L4417-15
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6D

Quant Time: Oct 23 09:43:59 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

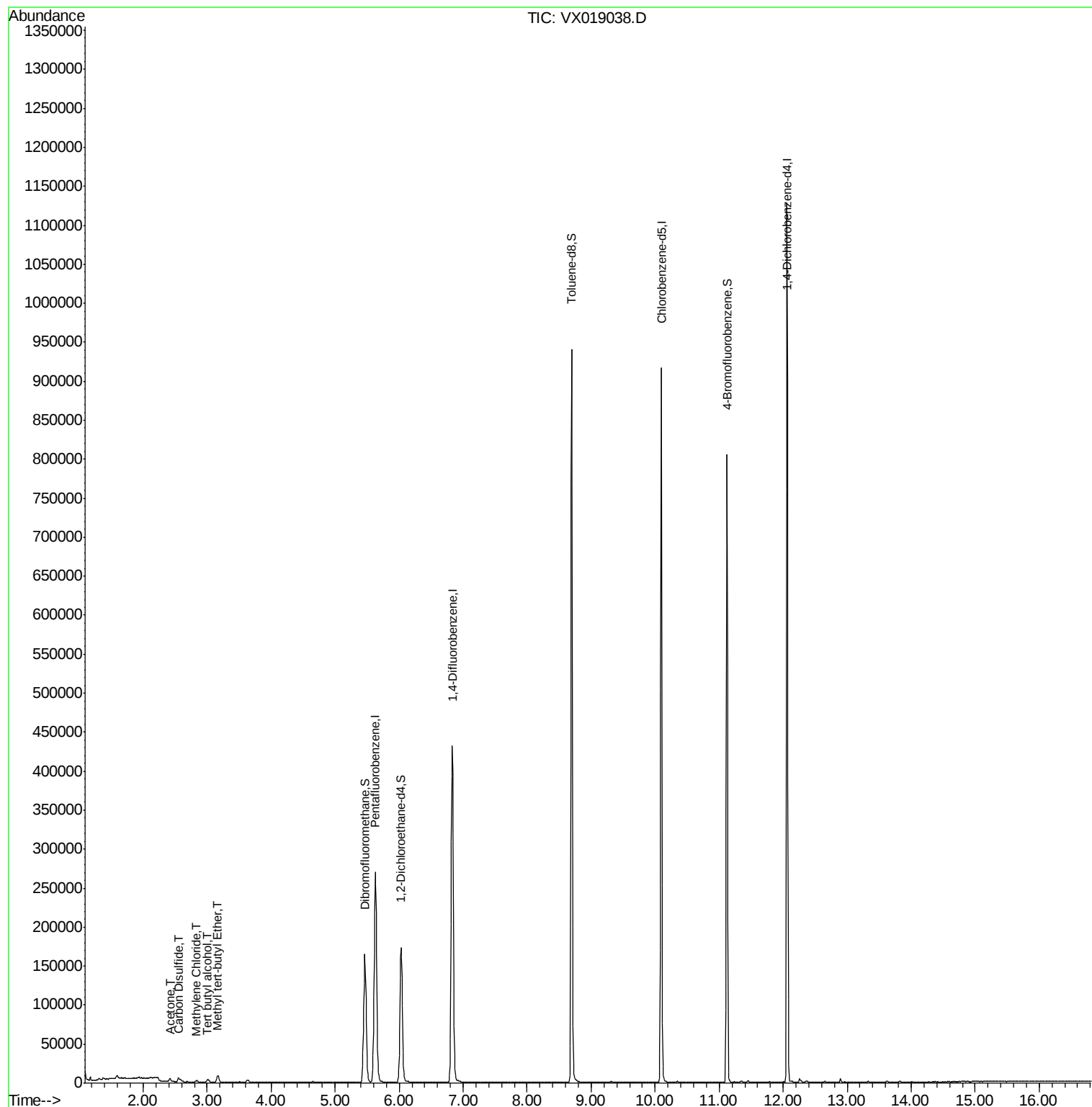
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	263011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	457257	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	439499	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	226090	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	162063	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
35) Dibromofluoromethane	5.46	113	142486	49.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.44%	
50) Toluene-d8	8.70	98	566780	51.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.60%	
62) 4-Bromofluorobenzene	11.12	95	208534	53.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.14%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.01	59	3958	6.203	ug/l #	94
16) Acetone	2.42	43	3795	3.537	ug/l	94
17) Carbon Disulfide	2.55	76	6358	0.861	ug/l	96
19) Methyl tert-butyl Ether	3.17	73	10845	1.337	ug/l	100
20) Methylene Chloride	2.83	84	820	0.274	ug/l #	78

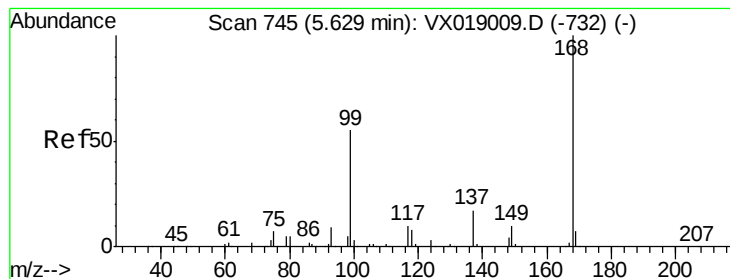
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 23 09:43:59 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
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: VX019038.D

Acq: 22 Oct 2020 19:22

Instrument :

MSVOA_X

ClientSampled :

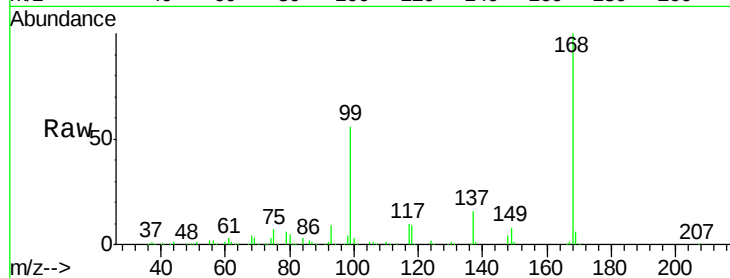
MW-6D

Tot Ion:168 Resp: 263011

Ion Ratio Lower Upper

168 100

99 55.8 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

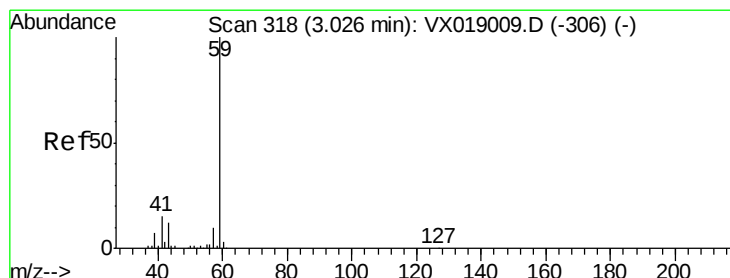
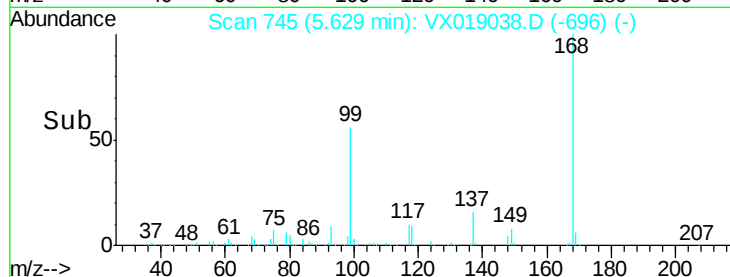
40000

20000

0

Time-->

5.50 5.60 5.70



#11

Tert butyl alcohol

Concen: 6.203 ug/l

RT: 3.01 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX019038.D

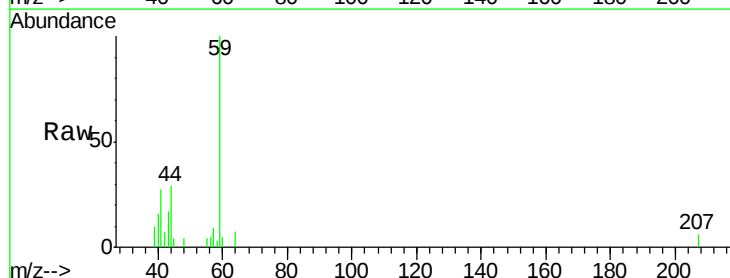
Acq: 22 Oct 2020 19:22

Tgt Ion: 59 Resp: 3958

Ion Ratio Lower Upper

59 100

57 12.3 8.2 12.2#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

2000

1500

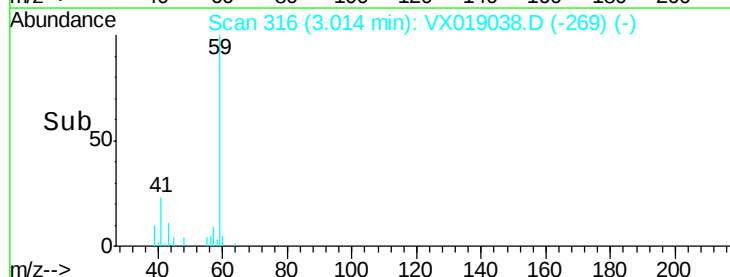
1000

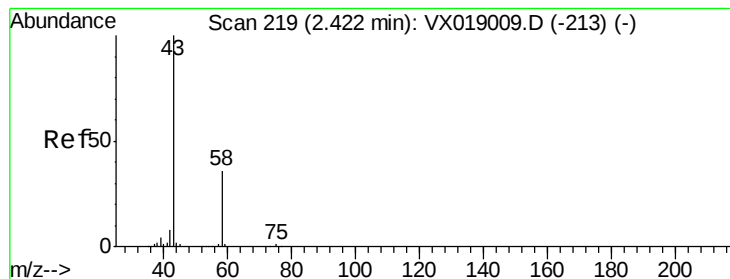
500

0

Time-->

2.95 3.00 3.05 3.10





#16

Acetone

Concen: 3.537 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019038.D

Acq: 22 Oct 2020 19:22

Instrument :

MSVOA_X

ClientSampled :

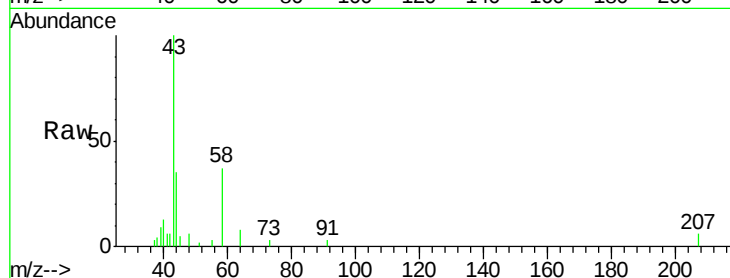
MW-6D

Tot Ion: 43 Resp: 3795

Ion Ratio Lower Upper

43 100

58 39.1 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

2500

2000

1500

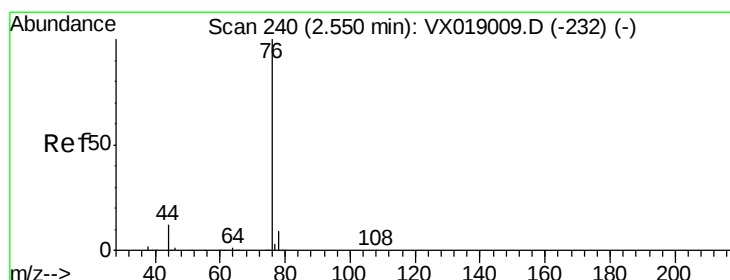
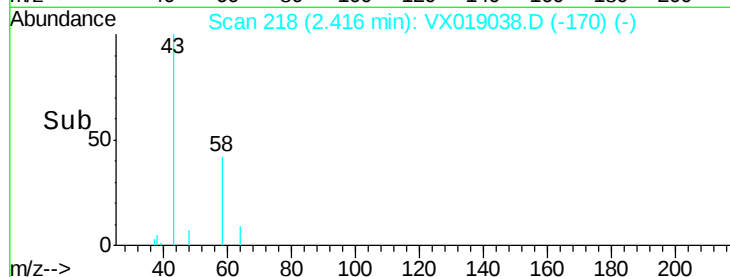
1000

500

0

Time-->

2.35 2.40 2.45 2.50



#17

Carbon Disulfide

Concen: 0.861 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX019038.D

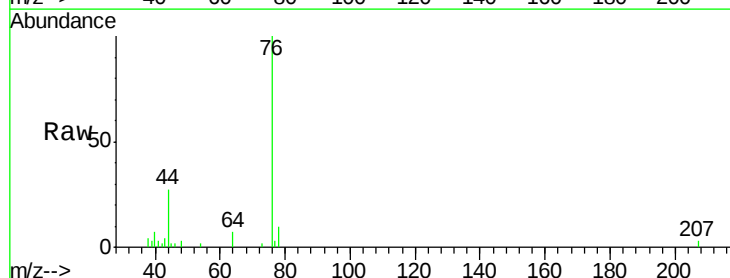
Acq: 22 Oct 2020 19:22

Tgt Ion: 76 Resp: 6358

Ion Ratio Lower Upper

76 100

78 10.2 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.55

4000

3000

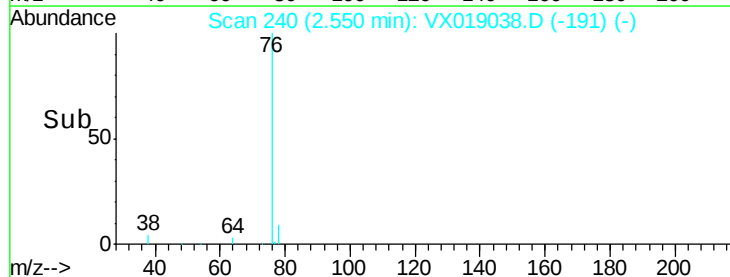
2000

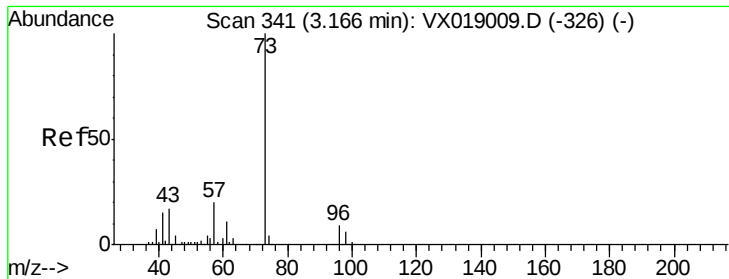
1000

0

Time-->

2.50 2.55 2.60



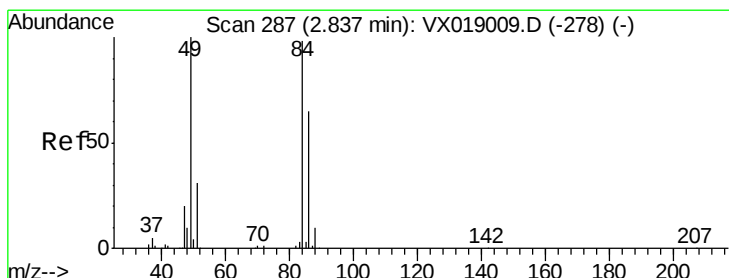
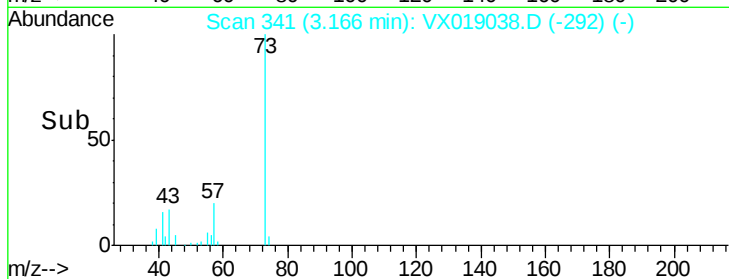
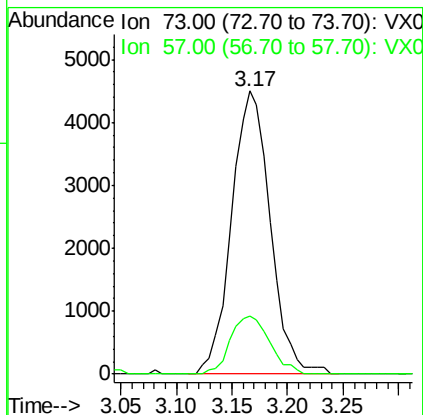
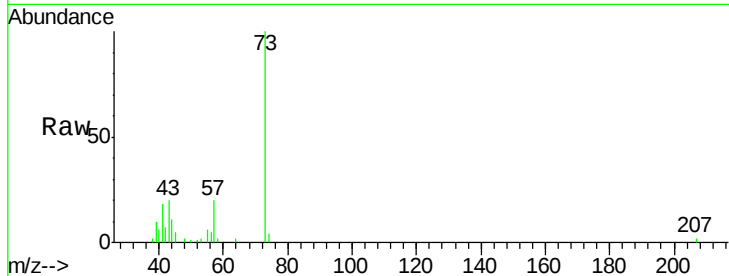


#19

Methyl tert-butyl Ether
 Concen: 1.337 ug/l
 RT: 3.17 min Scan# 341
 Delta R.T. -0.00 min
 Lab File: VX019038.D
 Acq: 22 Oct 2020 19:22

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-6D

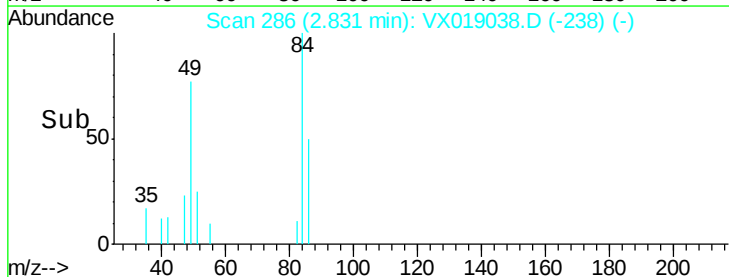
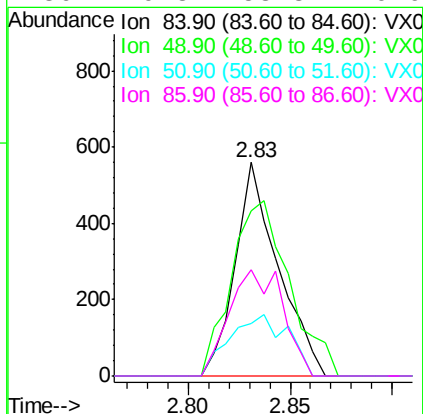
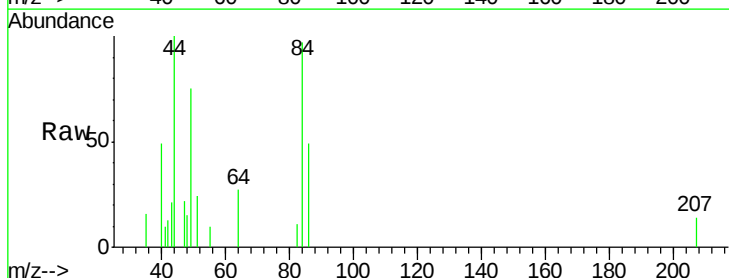
Tot Ion: 73 Resp: 10845
 Ion Ratio Lower Upper
 73 100
 57 20.3 16.2 24.2

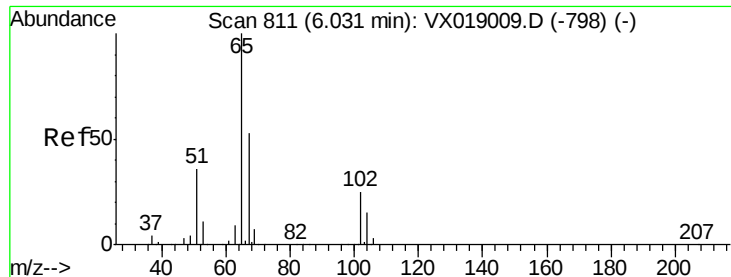


#20

Methylene Chloride
 Concen: 0.274 ug/l
 RT: 2.83 min Scan# 286
 Delta R.T. -0.01 min
 Lab File: VX019038.D
 Acq: 22 Oct 2020 19:22

Tgt Ion: 84 Resp: 820
 Ion Ratio Lower Upper
 84 100
 49 77.1 81.6 122.4#
 51 24.6 25.6 38.4#
 86 49.8 53.3 79.9#





#33

1,2-Dichloroethane-d4

Concen: 51.441 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX019038.D

Acq: 22 Oct 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

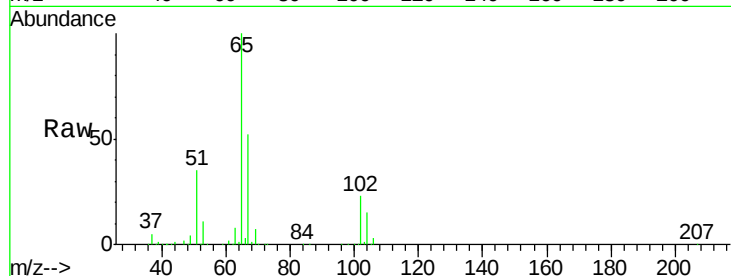
MW-6D

Tot Ion: 65 Resp: 162063

Ion Ratio Lower Upper

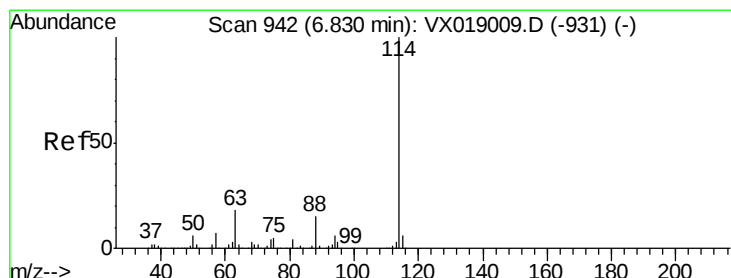
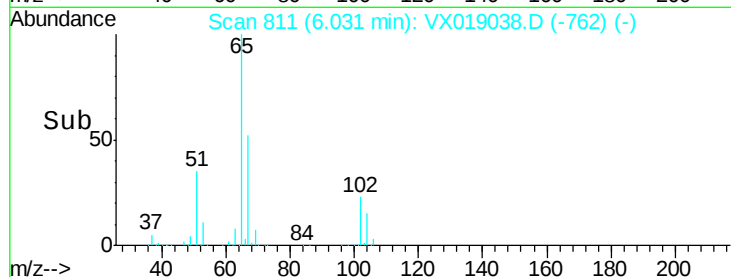
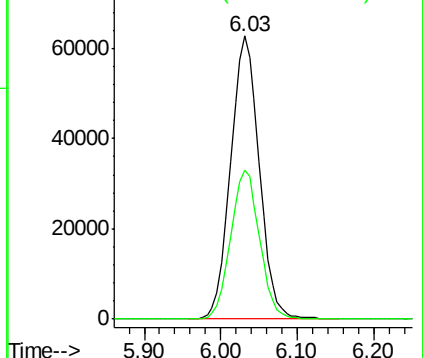
65 100

67 53.2 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: VX019038.D

Acq: 22 Oct 2020 19:22

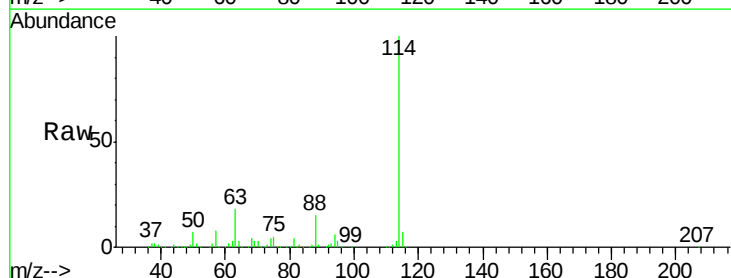
Tgt Ion: 114 Resp: 457257

Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.8

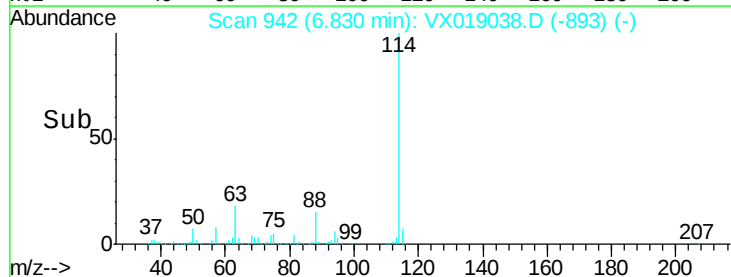
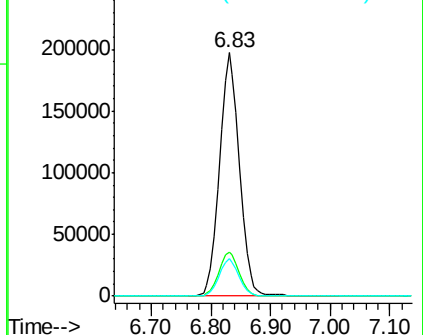
88 15.2 0.0 30.2

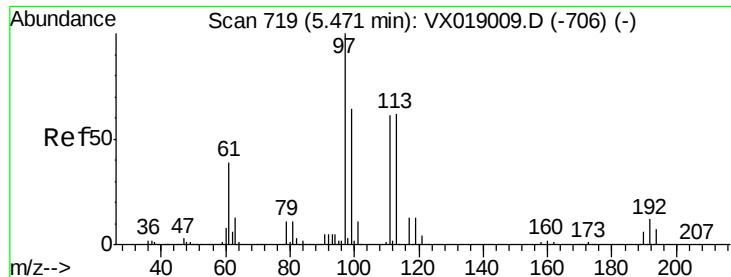


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

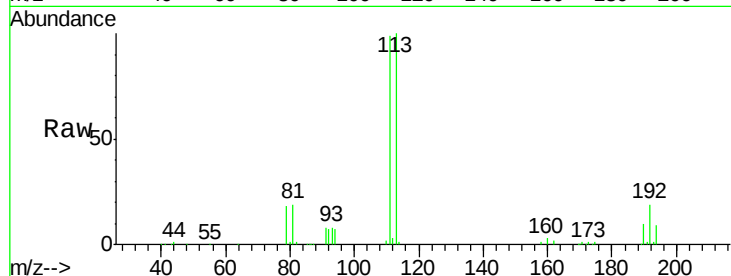




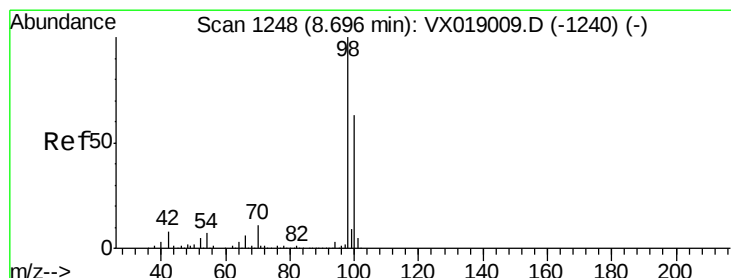
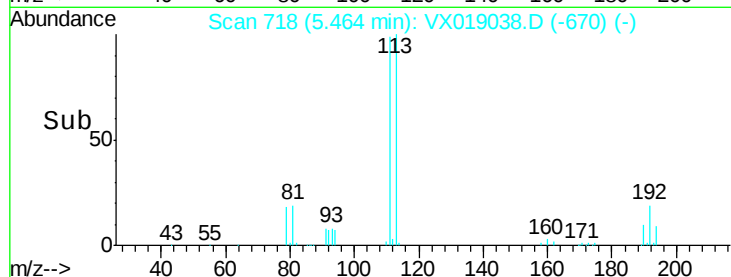
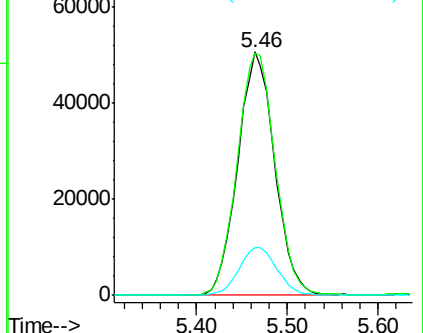
#35
Dibromofluoromethane
Concen: 49.217 ug/l
RT: 5.46 min Scan# 718
Delta R.T. -0.01 min
Lab File: VX019038.D
Acq: 22 Oct 2020 19:22

Instrument :
MSVOA_X
ClientSampleId :
MW-6D

Tot Ion:113 Resp: 142486
Ion Ratio Lower Upper
113 100
111 102.7 81.5 122.3
192 20.1 16.3 24.5

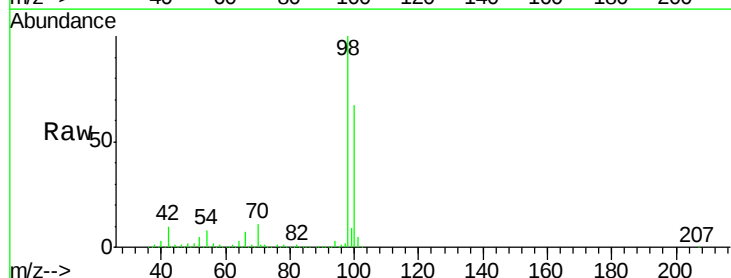


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

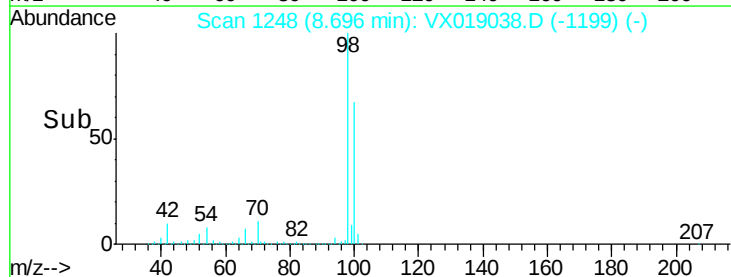
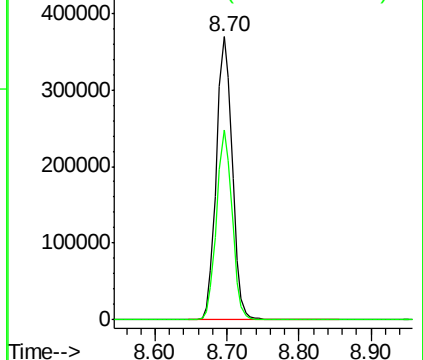


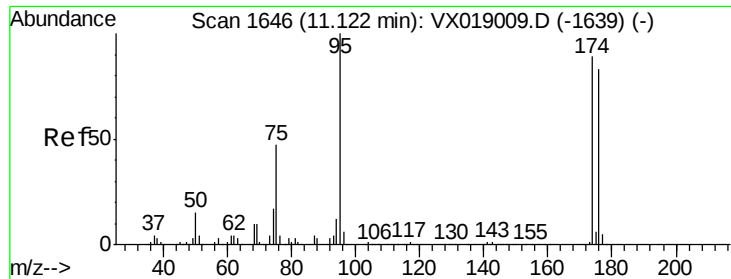
#50
Toluene-d8
Concen: 51.304 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX019038.D
Acq: 22 Oct 2020 19:22

Tgt Ion: 98 Resp: 566780
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 53.067 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019038.D

Acq: 22 Oct 2020 19:22

Instrument :

MSVOA_X

ClientSampled :

MW-6D

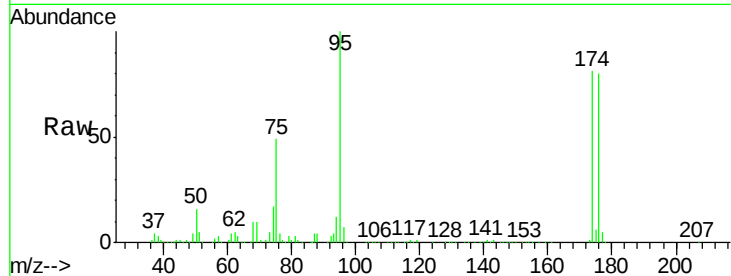
Tot Ion: 95 Resp: 208534

Ion Ratio Lower Upper

95 100

174 83.1 0.0 167.6

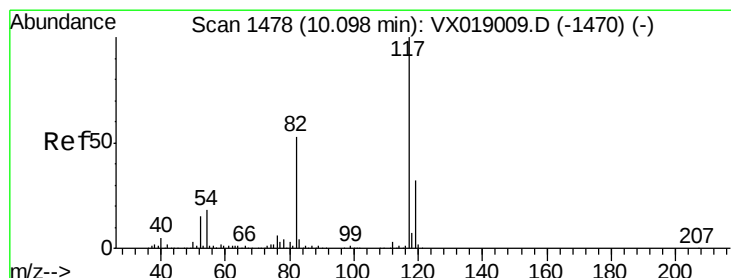
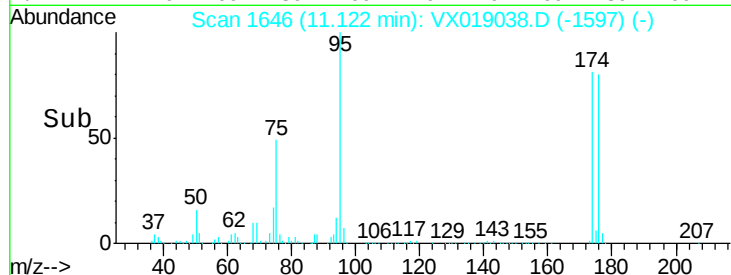
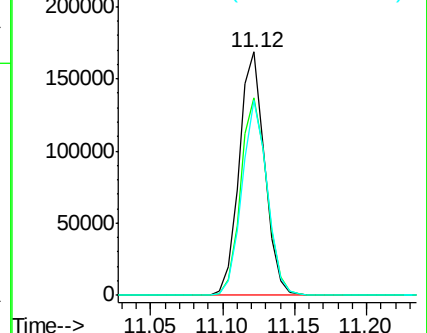
176 79.4 0.0 165.2



Abundance Ion 94.90 (94.60 to 95.60): VX019009.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX019009.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX019009.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX019038.D

Acq: 22 Oct 2020 19:22

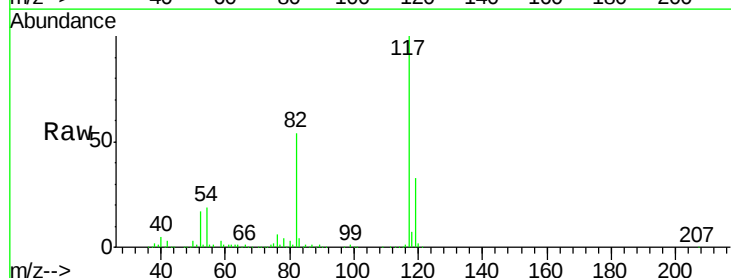
Tgt Ion: 117 Resp: 439499

Ion Ratio Lower Upper

117 100

82 53.7 42.4 63.6

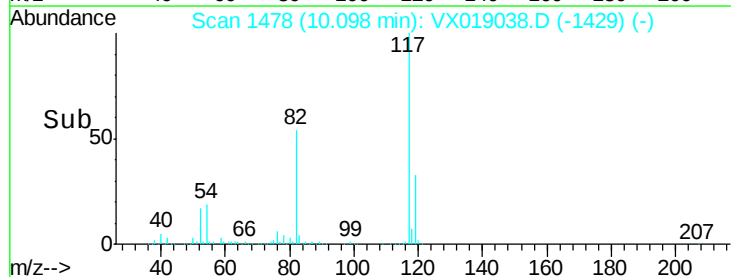
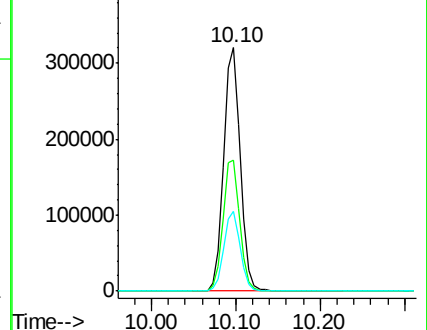
119 33.0 25.6 38.4

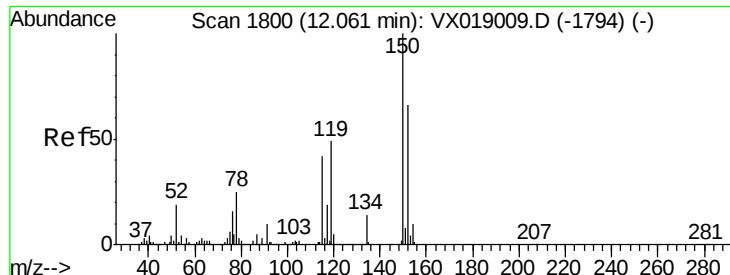


Abundance Ion 116.90 (116.60 to 117.60): VX019009.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX019009.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX019009.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: VX019038.D

Acq: 22 Oct 2020 19:22

Instrument :

MSVOA_X

ClientSampleId :

MW-6D

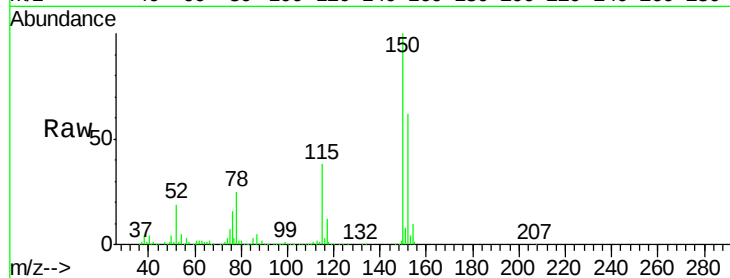
Tot Ion:152 Resp: 226090

Ion Ratio Lower Upper

152 100

115 58.9 40.8 122.5

150 157.8 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

