

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110920\
 Data File : VX019367.D
 Acq On : 09 Nov 2020 14:59
 Operator : JC/MD
 Sample : L4668-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-18

Quant Time: Nov 10 02:22:14 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

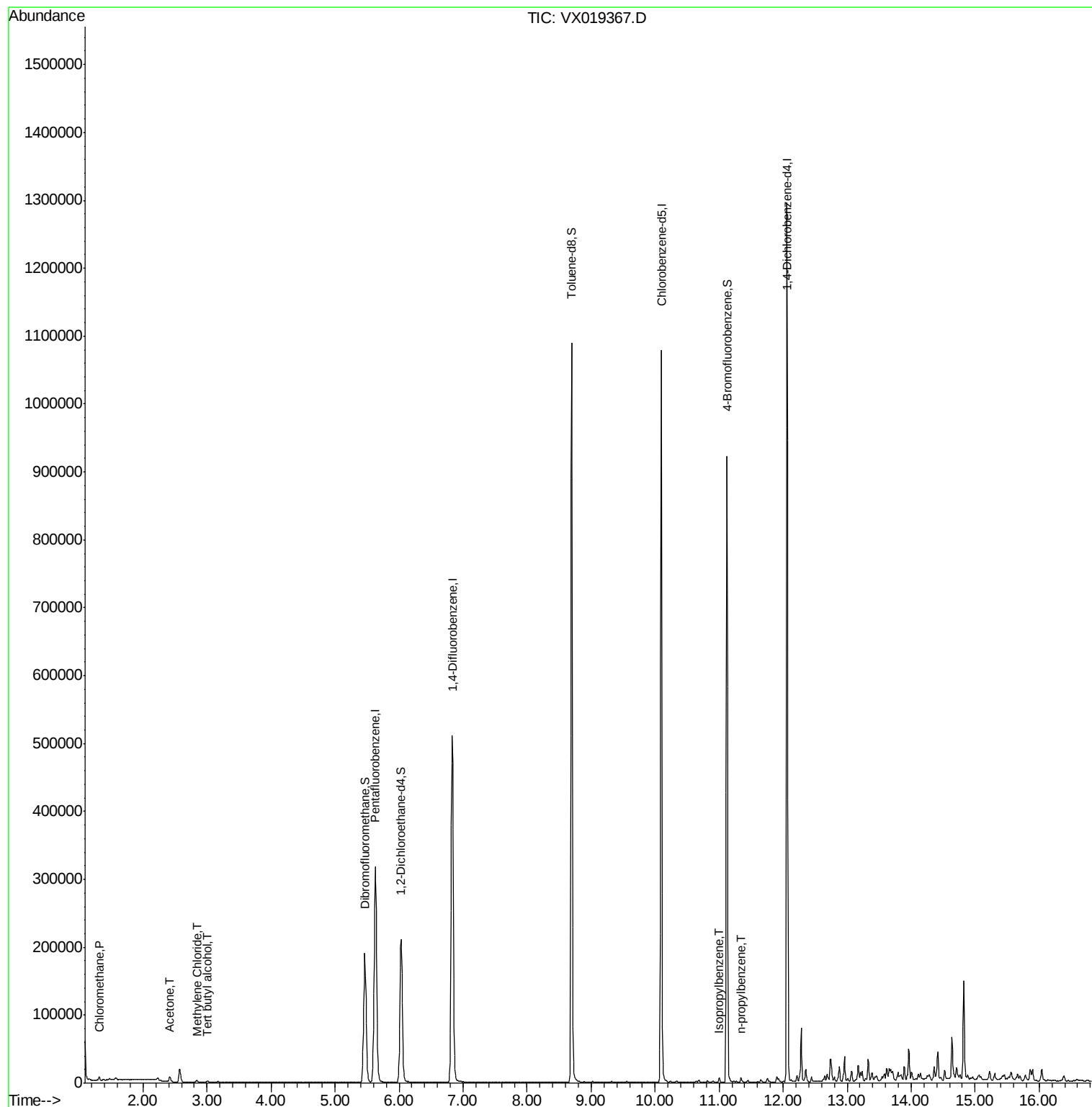
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	294199	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	517381	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	492160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	248867	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	206219	54.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.70%	
35) Dibromofluoromethane	5.46	113	162393	49.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.94%	
50) Toluene-d8	8.70	98	636151	51.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.86%	
62) 4-Bromofluorobenzene	11.12	95	248966	53.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.32%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.31	50	2589	0.945	ug/l	94
11) Tert butyl alcohol	3.01	59	2373	3.167	ug/l #	94
16) Acetone	2.42	43	6987	5.338	ug/l	99
20) Methylene Chloride	2.84	84	1158	0.352	ug/l #	94
73) Isopropylbenzene	11.00	105	3534	0.201	ug/l	98
78) n-propylbenzene	11.34	91	4201	0.209	ug/l	97

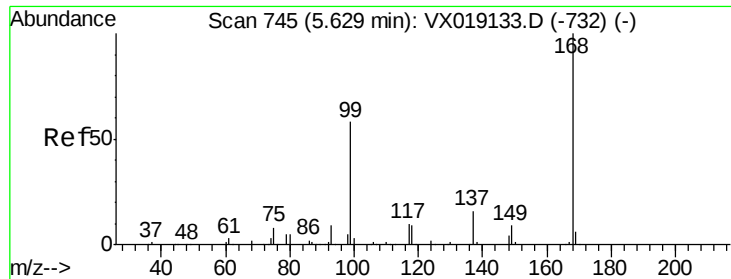
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\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: VX019367.D

Acq: 09 Nov 2020 14:59

Instrument :

MSVOA_X

ClientSampleId :

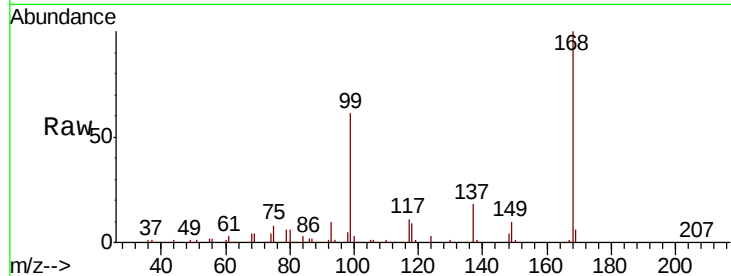
MW-18

Tot Ion:168 Resp: 294199

Ion Ratio Lower Upper

168 100

99 60.7 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

120000

100000

80000

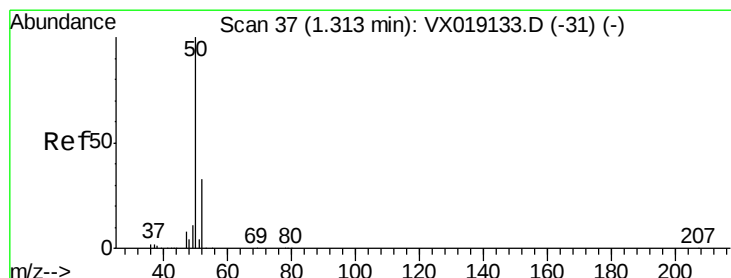
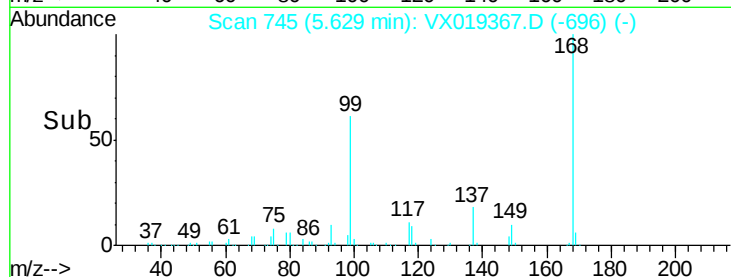
60000

40000

20000

0

Time-->



#3

Chloromethane

Concen: 0.945 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX019367.D

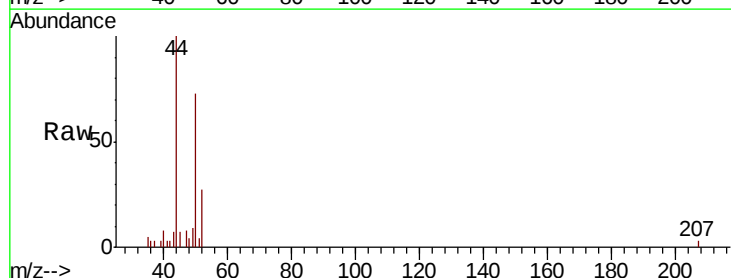
Acq: 09 Nov 2020 14:59

Tgt Ion: 50 Resp: 2589

Ion Ratio Lower Upper

50 100

52 37.1 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

2500

2000

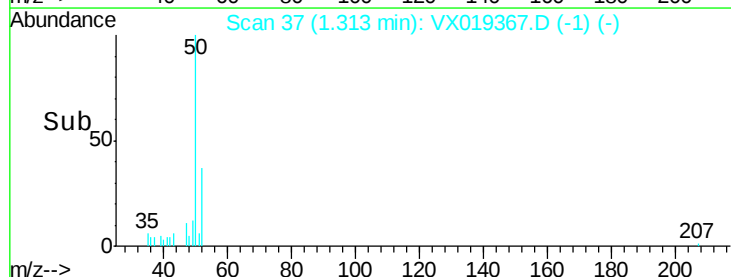
1500

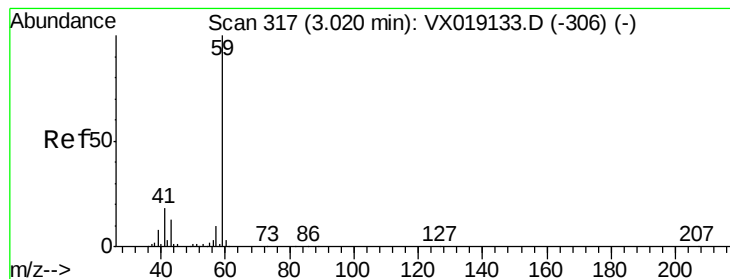
1000

500

0

Time-->





#11

Tert butyl alcohol

Concen: 3.167 ug/l

RT: 3.01 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX019367.D

Acq: 09 Nov 2020 14:59

Instrument :

MSVOA_X

ClientSampled :

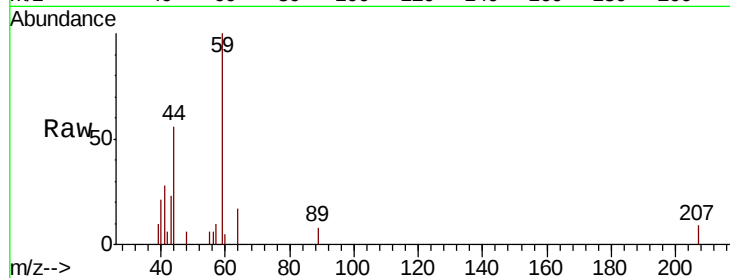
MW-18

Tot Ion: 59 Resp: 2373

Ion Ratio Lower Upper

59 100

57 12.9 8.4 12.6#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

1200

1000

800

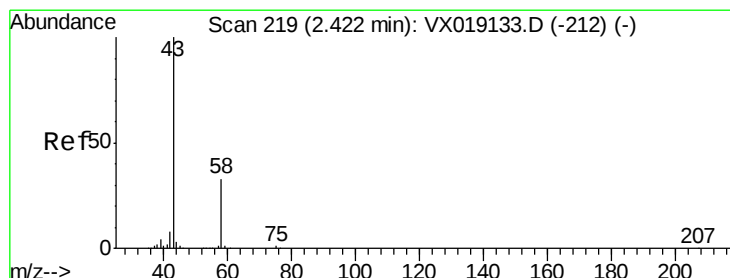
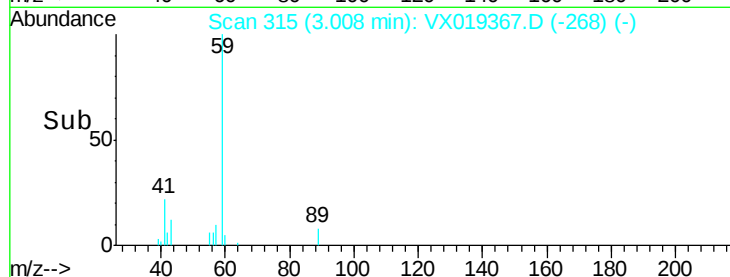
600

400

200

0

Time--> 2.90 2.95 3.00 3.05 3.10



#16

Acetone

Concen: 5.338 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX019367.D

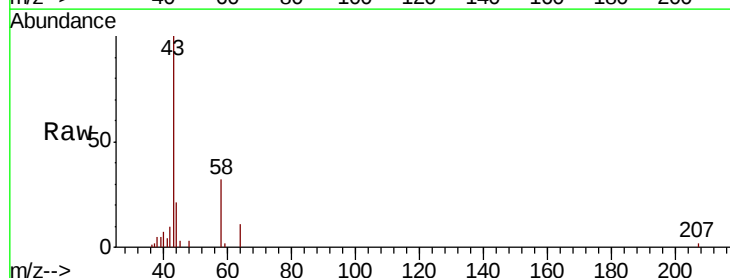
Acq: 09 Nov 2020 14:59

Tgt Ion: 43 Resp: 6987

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

2.42

5000

4000

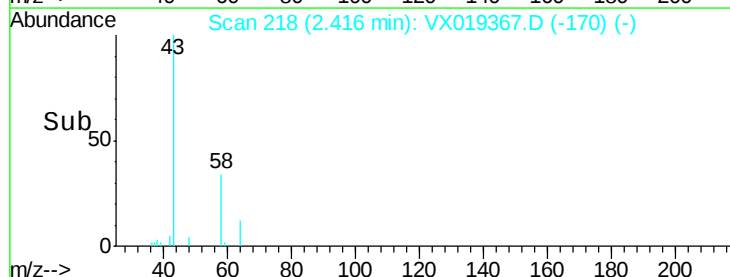
3000

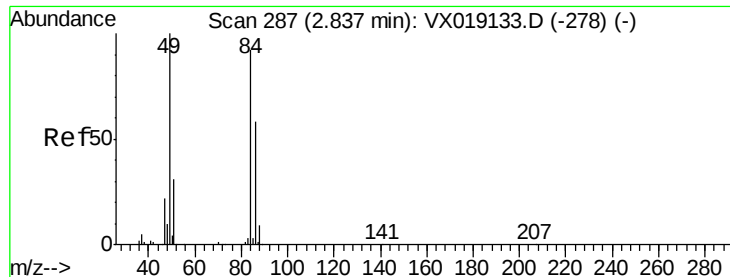
2000

1000

0

Time--> 2.35 2.40 2.45 2.50

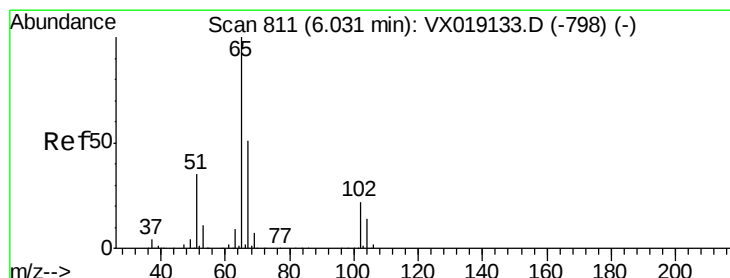
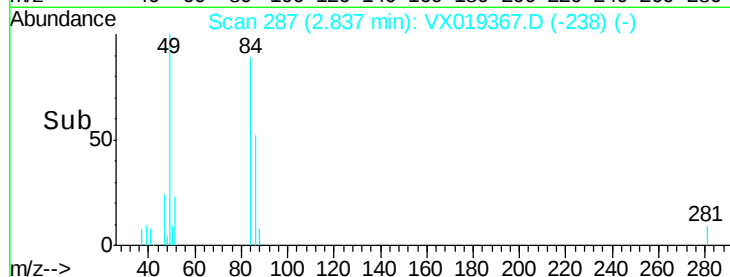
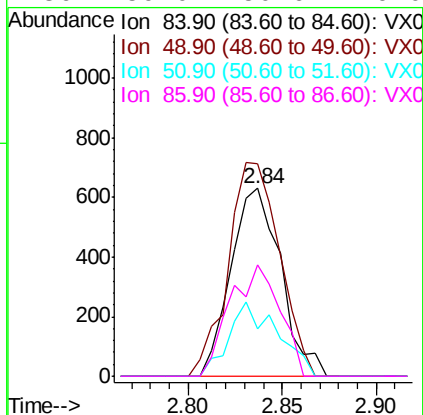
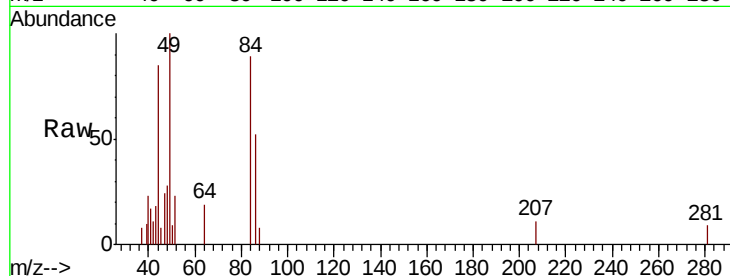




#20
Methvlene Chloride
Concen: 0.352 ug/l
RT: 2.84 min Scan# 287
Delta R.T. 0.00 min
Lab File: VX019367.D
Acq: 09 Nov 2020 14:59

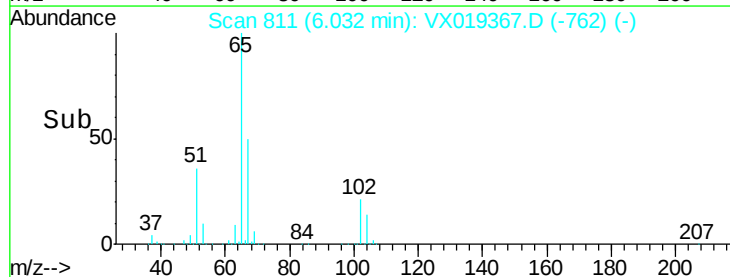
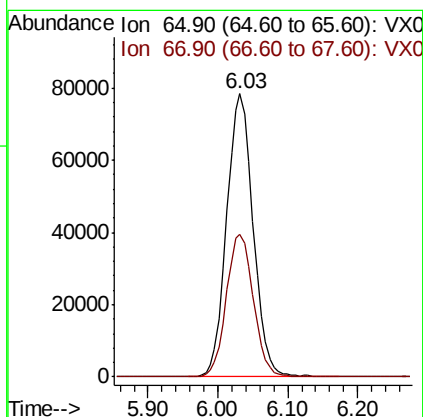
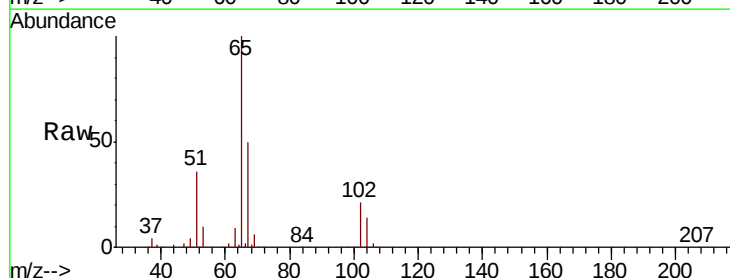
Instrument :
MSVOA_X
ClientSampled :
MW-18

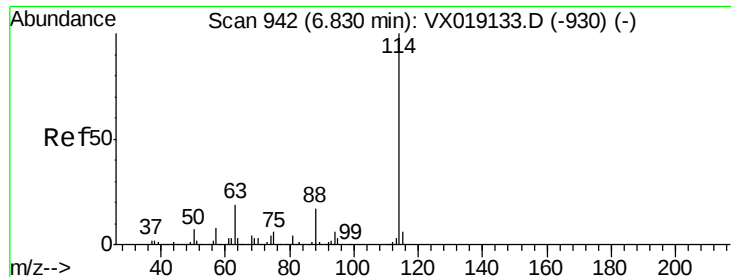
Tot Ion: 84 Resp: 1158
Ion Ratio Lower Upper
84 100
49 112.7 86.8 130.2
51 25.4 27.3 40.9#
86 59.0 50.6 76.0



#33
1,2-Dichloroethane-d4
Concen: 54.353 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX019367.D
Acq: 09 Nov 2020 14:59

Tgt Ion: 65 Resp: 206219
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX019367.D

Acq: 09 Nov 2020 14:59

Instrument :

MSVOA_X

ClientSampleId :

MW-18

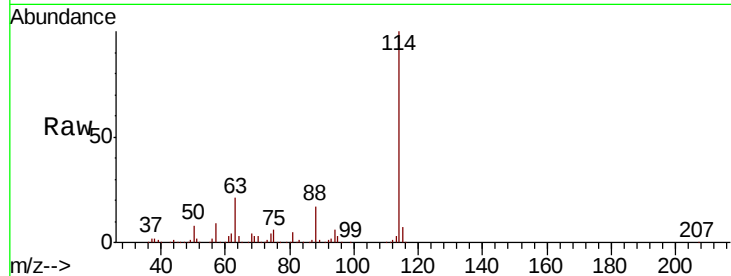
Tot Ion:114 Resp: 517381

Ion Ratio Lower Upper

114 100

63 21.4 0.0 38.8

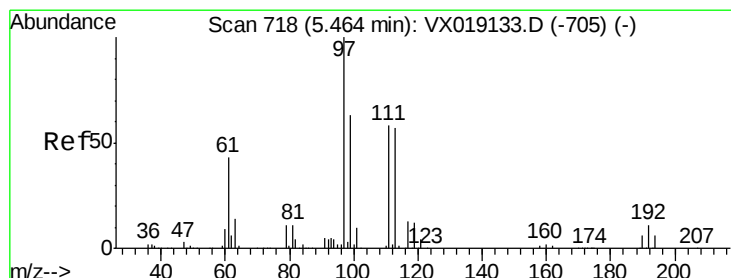
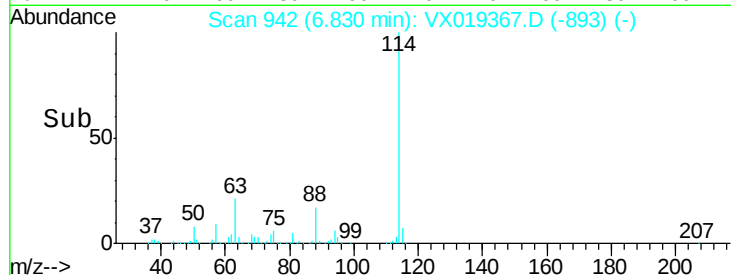
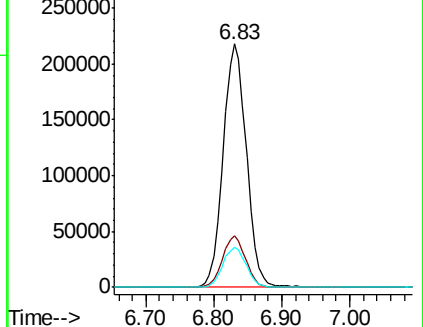
88 16.6 0.0 34.2



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: 49.969 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.00 min

Lab File: VX019367.D

Acq: 09 Nov 2020 14:59

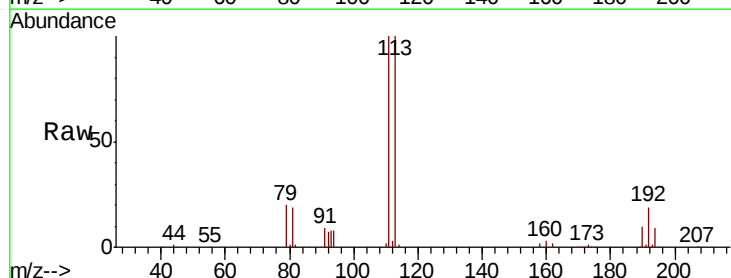
Tgt Ion:113 Resp: 162393

Ion Ratio Lower Upper

113 100

111 103.0 82.3 123.5

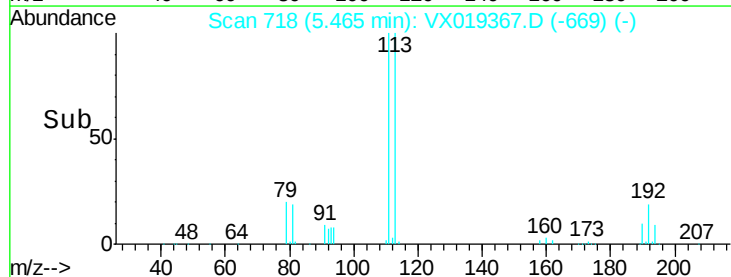
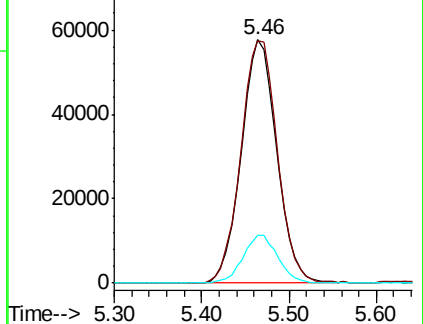
192 19.3 16.2 24.2

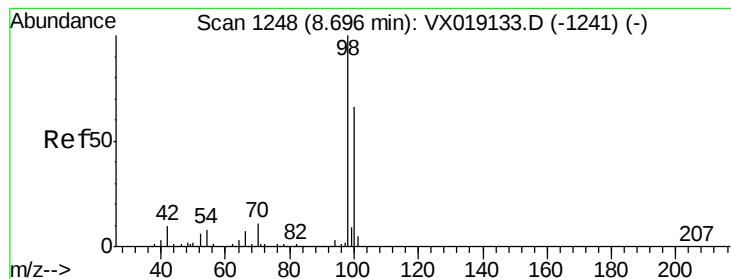


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.927 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX019367.D

Acq: 09 Nov 2020 14:59

Instrument :

MSVOA_X

ClientSampleId :

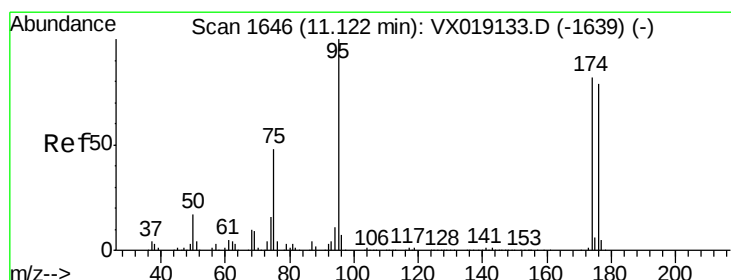
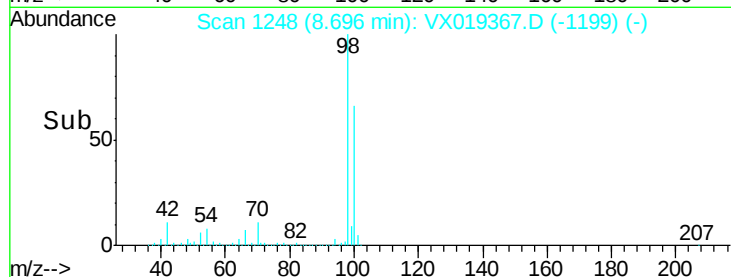
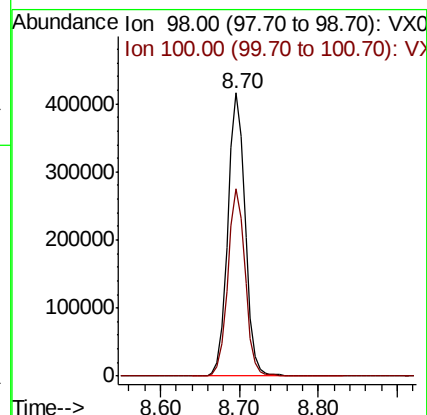
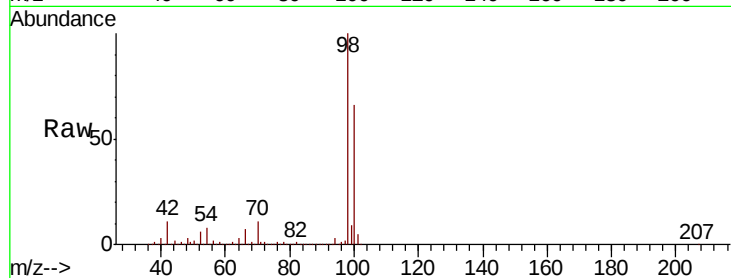
MW-18

Tot Ion: 98 Resp: 636151

Ion Ratio Lower Upper

98 100

100 66.1 53.0 79.6



#62

4-Bromofluorobenzene

Concen: 53.663 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX019367.D

Acq: 09 Nov 2020 14:59

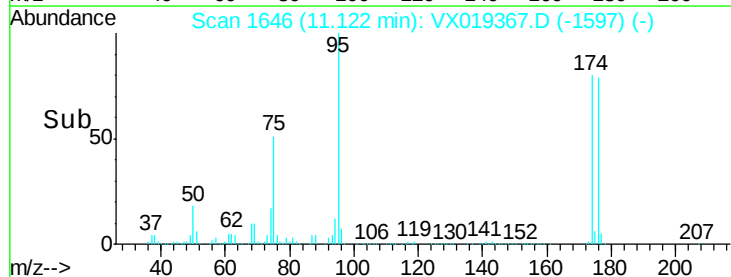
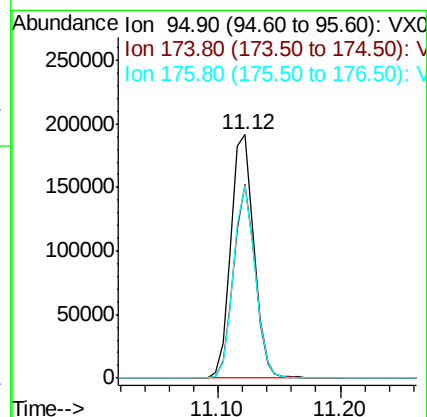
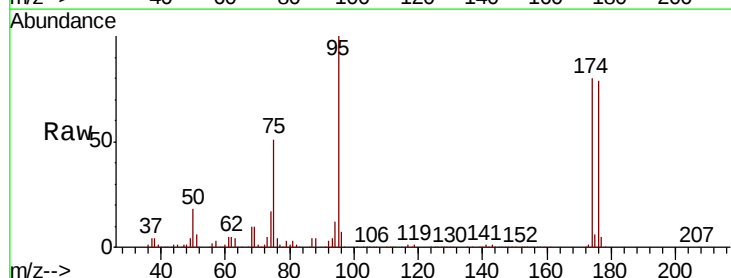
Tgt Ion: 95 Resp: 248966

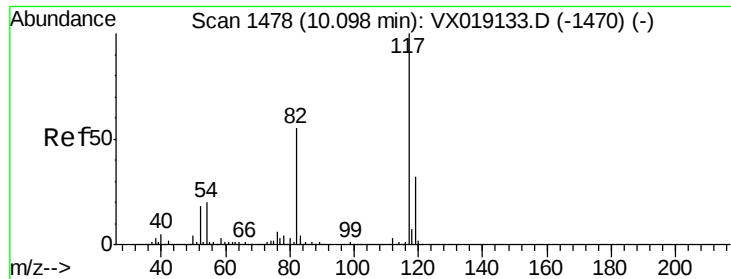
Ion Ratio Lower Upper

95 100

174 74.8 0.0 156.0

176 74.4 0.0 149.8

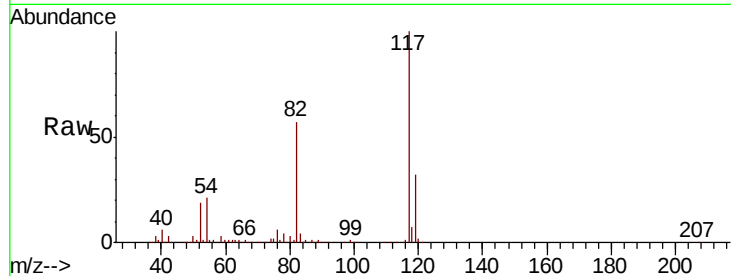




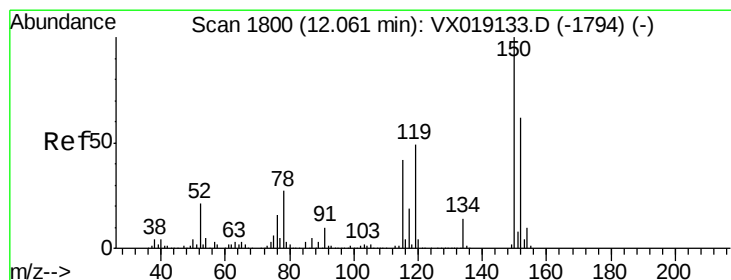
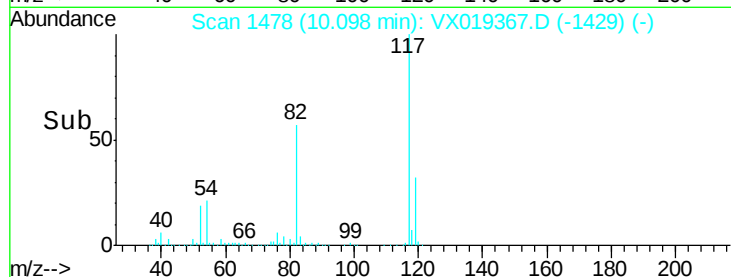
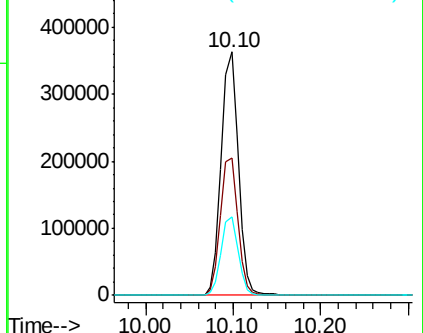
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX019367.D
Acq: 09 Nov 2020 14:59

Instrument :
MSVOA_X
ClientSampleId :
MW-18

Tot Ion:117 Resp: 492160
Ion Ratio Lower Upper
117 100
82 56.5 43.6 65.4
119 32.0 25.5 38.3

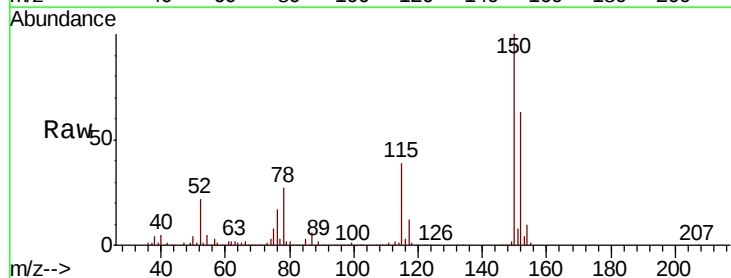


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

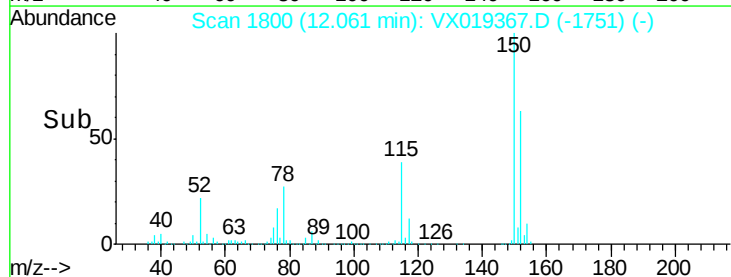
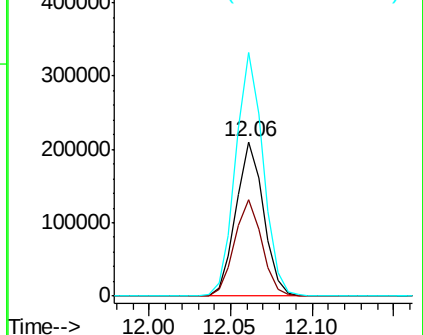


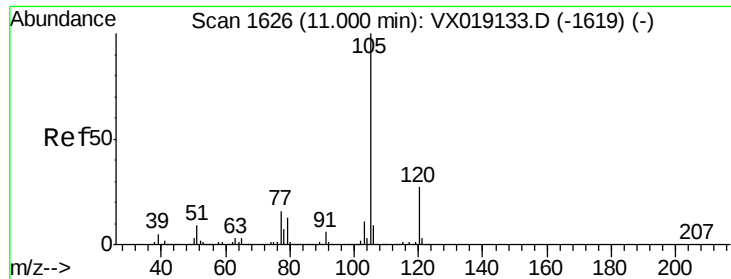
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX019367.D
Acq: 09 Nov 2020 14:59

Tgt Ion:152 Resp: 248867
Ion Ratio Lower Upper
152 100
115 61.8 41.9 125.7
150 157.5 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





#73

Isopropylbenzene

Concen: 0.201 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX019367.D

Acq: 09 Nov 2020 14:59

Instrument :

MSVOA_X

ClientSampleId :

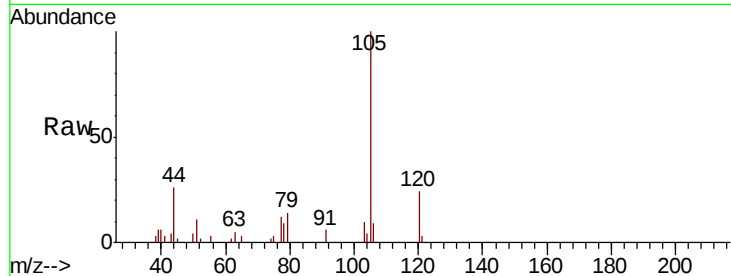
MW-18

Tot Ion:105 Resp: 3534

Ion Ratio Lower Upper

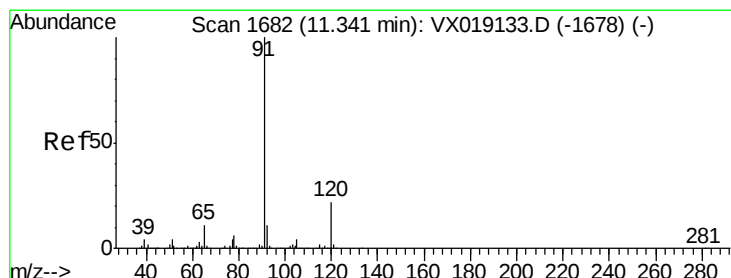
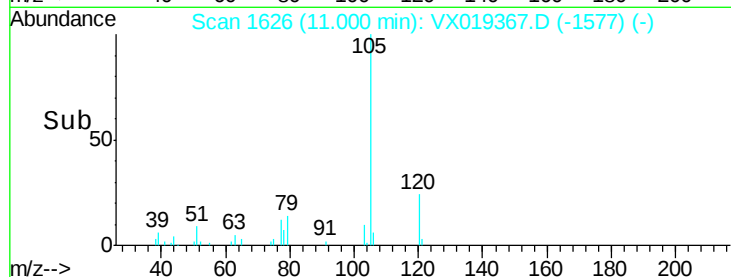
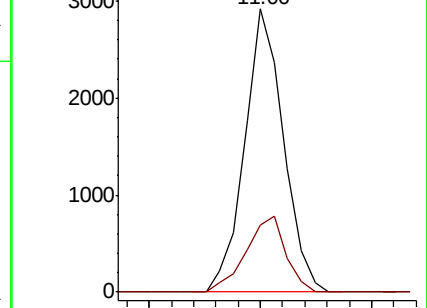
105 100

120 27.7 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#78

n-propylbenzene

Concen: 0.209 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX019367.D

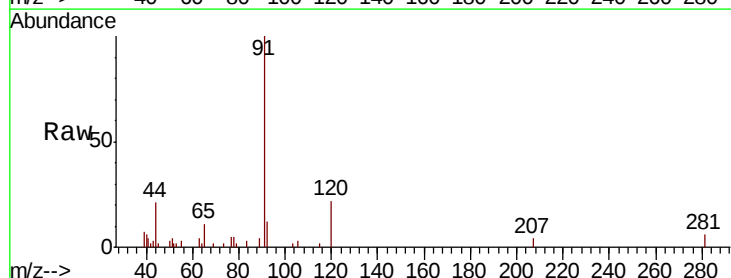
Acq: 09 Nov 2020 14:59

Tgt Ion: 91 Resp: 4201

Ion Ratio Lower Upper

91 100

120 21.8 11.7 35.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

