

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122419\
 Data File : VX014238.D
 Acq On : 24 Dec 2019 12:32
 Operator : JC/SP
 Sample : K6377-06DL 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7DL

Quant Time: Dec 25 06:43:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

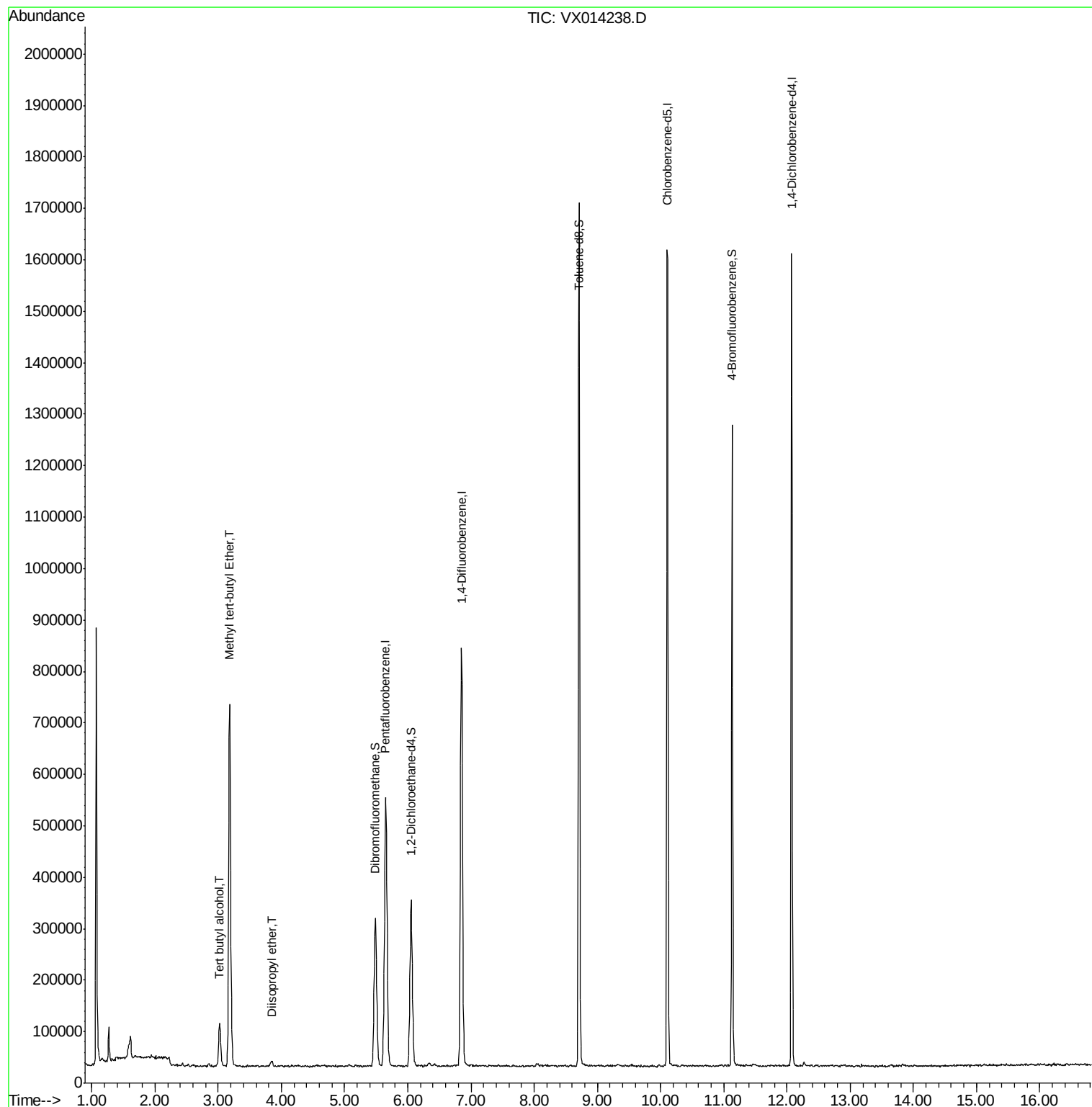
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	544573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	835516	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	754090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	329287	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	300253	48.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.30%	
35) Dibromofluoromethane	5.48	113	251097	49.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.88%	
50) Toluene-d8	8.71	98	993442	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	11.14	95	329964	45.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.30%	
Target Compounds						
11) Tert butyl alcohol	3.02	59	98347	73.744	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	780825	45.361	ug/l	98
22) Diisopropyl ether	3.84	45	11921	0.640	ug/l #	76

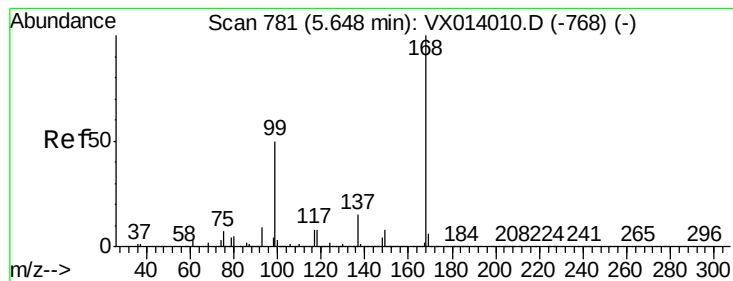
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014238.D

Acq: 24 Dec 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

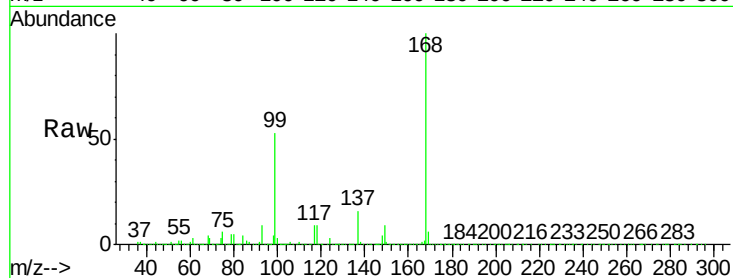
MW-7DL

Tot Ion:168 Resp: 544573

Ion Ratio Lower Upper

168 100

99 52.7 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

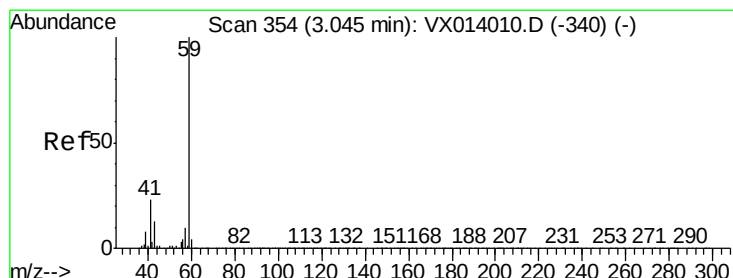
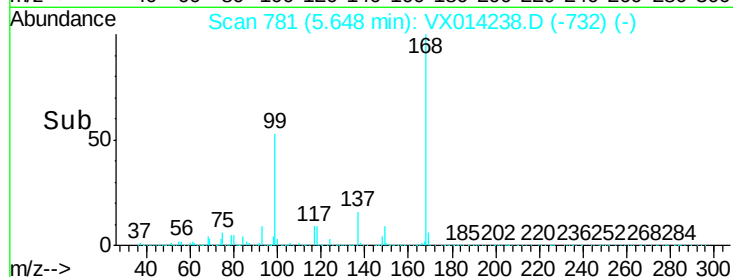
150000

100000

50000

0

Time-->



#11

Tert butyl alcohol

Concen: 73.744 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.02 min

Lab File: VX014238.D

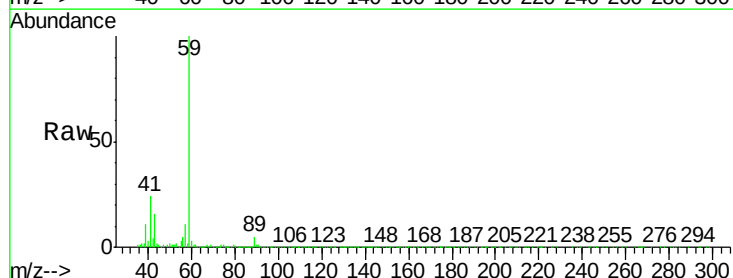
Acq: 24 Dec 2019 12:32

Tgt Ion: 59 Resp: 98347

Ion Ratio Lower Upper

59 100

57 11.0 8.4 12.6



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.02

50000

40000

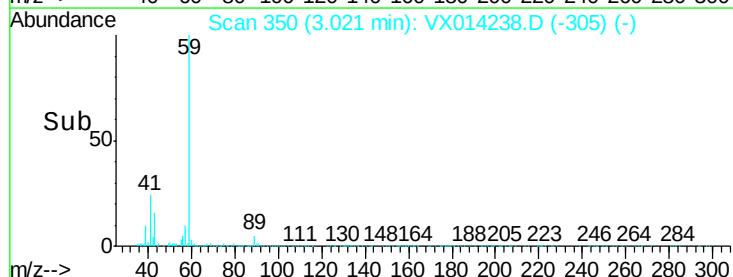
30000

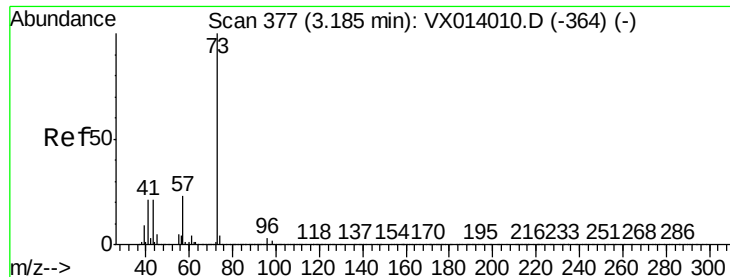
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10000

0

Time-->



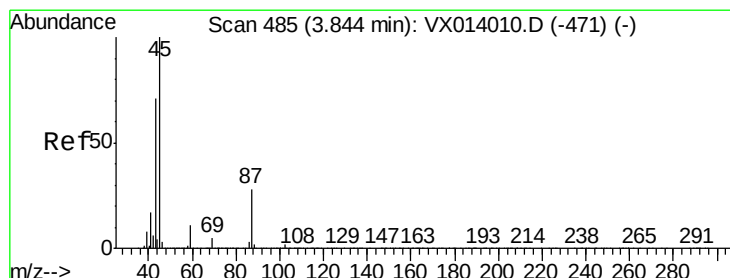
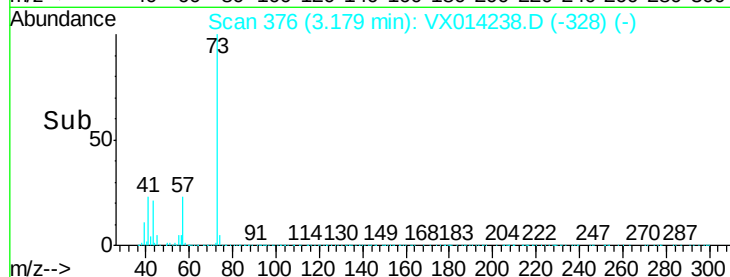
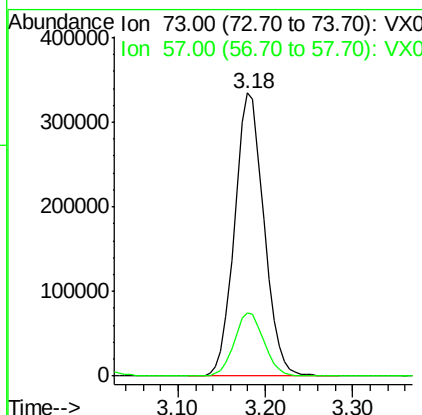
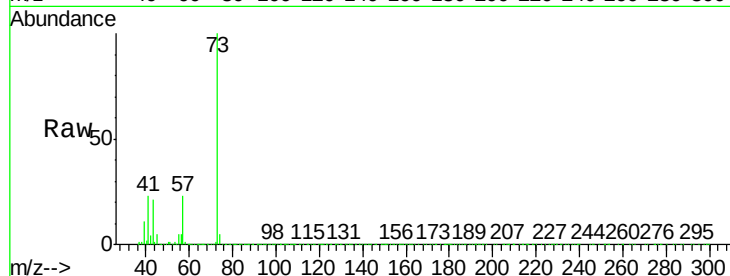


#19

Methyl tert-butyl Ether
 Concen: 45.361 ug/l
 RT: 3.18 min Scan# 376
 Delta R.T. -0.01 min
 Lab File: VX014238.D
 Acq: 24 Dec 2019 12:32

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7DL

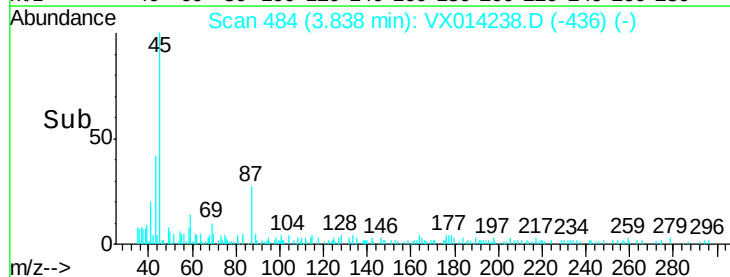
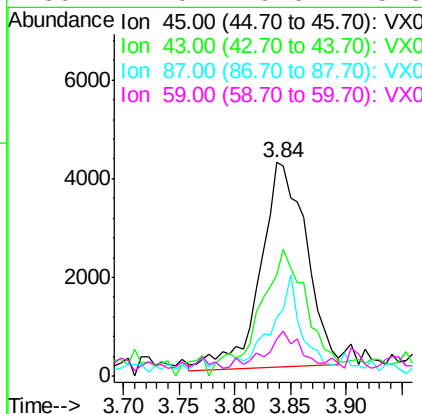
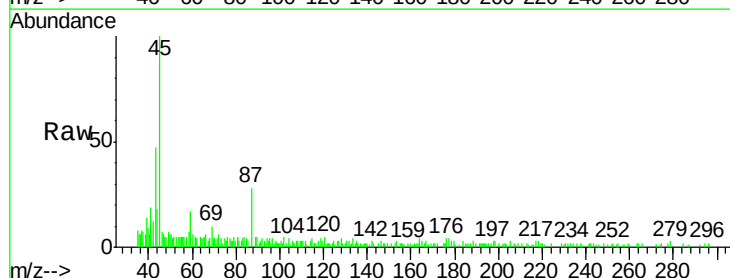
Tot Ion: 73 Resp: 780825
 Ion Ratio Lower Upper
 73 100
 57 22.4 18.8 28.2

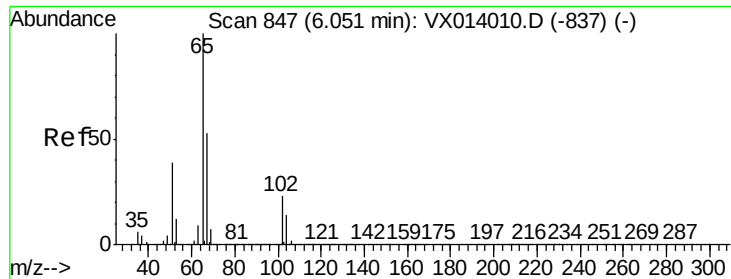


#22

Diisopropyl ether
 Concen: 0.640 ug/l
 RT: 3.84 min Scan# 484
 Delta R.T. -0.01 min
 Lab File: VX014238.D
 Acq: 24 Dec 2019 12:32

Tgt Ion: 45 Resp: 11921
 Ion Ratio Lower Upper
 45 100
 43 42.9 57.4 86.0#
 87 26.3 21.9 32.9
 59 14.0 9.0 13.6#

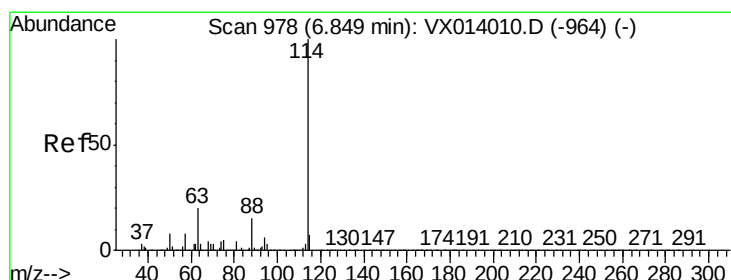
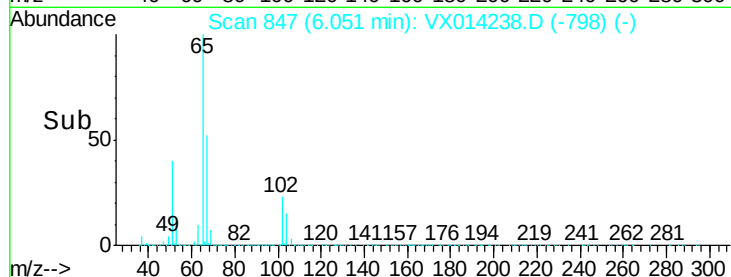
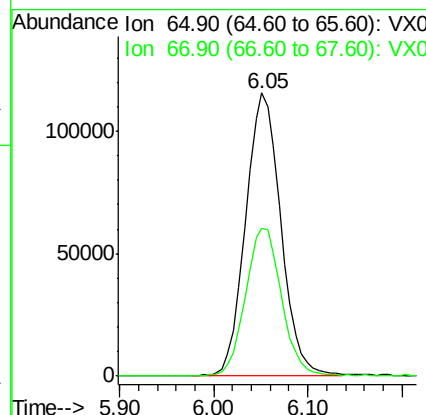
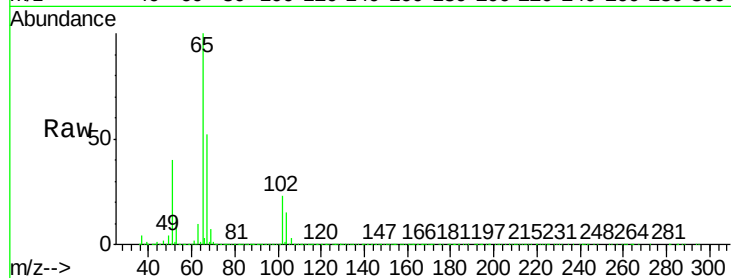




#33
 1,2-Dichloroethane-d4
 Concen: 48.648 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX014238.D
 Acq: 24 Dec 2019 12:32

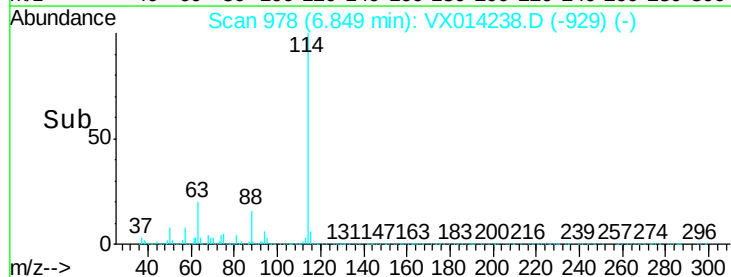
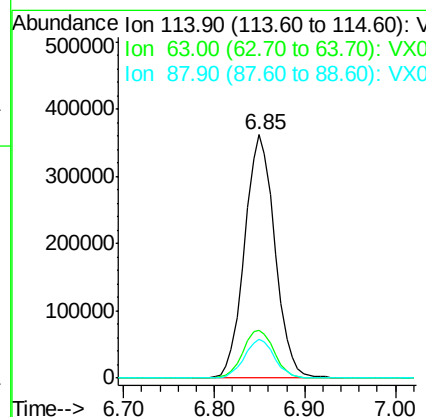
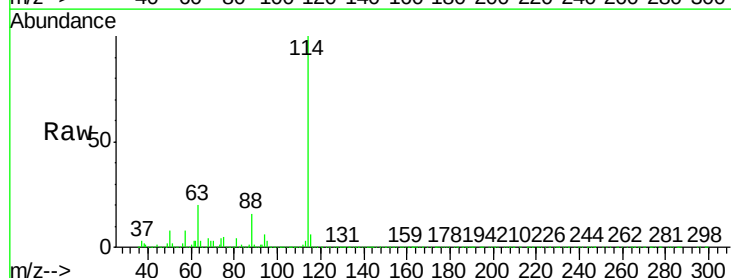
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-7DL

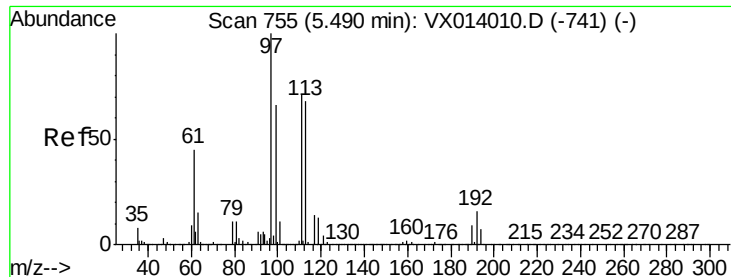
Tot Ion: 65 Resp: 300253
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX014238.D
 Acq: 24 Dec 2019 12:32

Tgt Ion: 114 Resp: 835516
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 40.8
 88 15.7 0.0 30.4

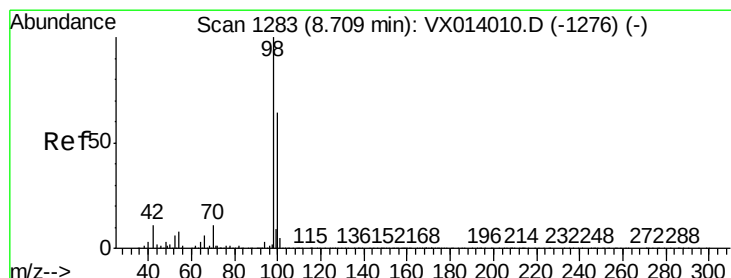
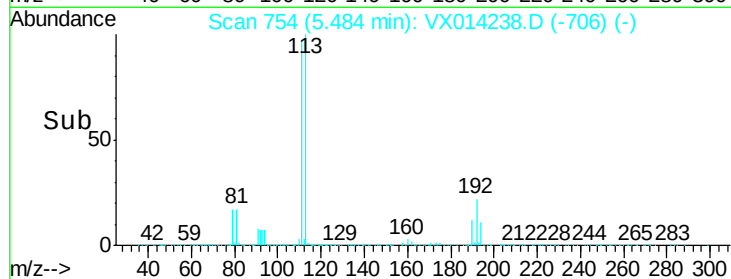
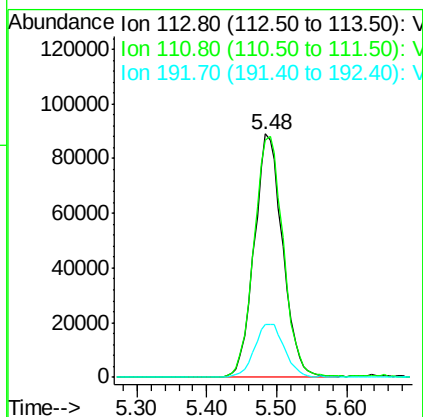
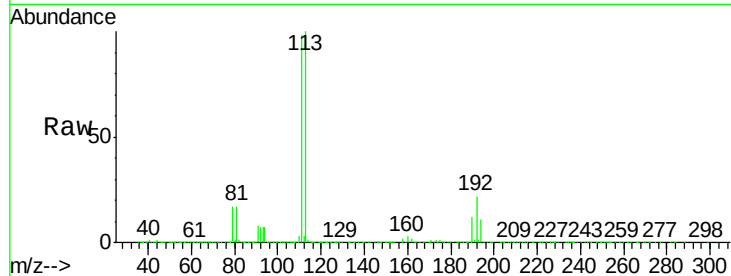




#35
Dibromofluoromethane
Concen: 49.438 ug/l
RT: 5.48 min Scan# 754
Delta R.T. -0.01 min
Lab File: VX014238.D
Acq: 24 Dec 2019 12:32

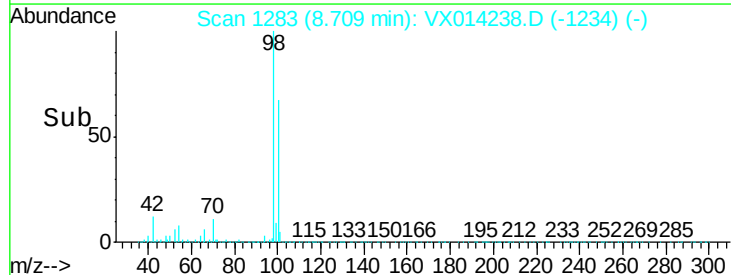
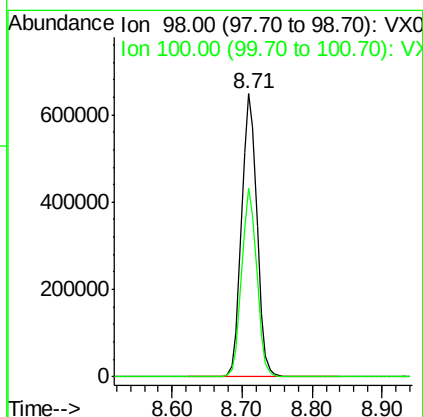
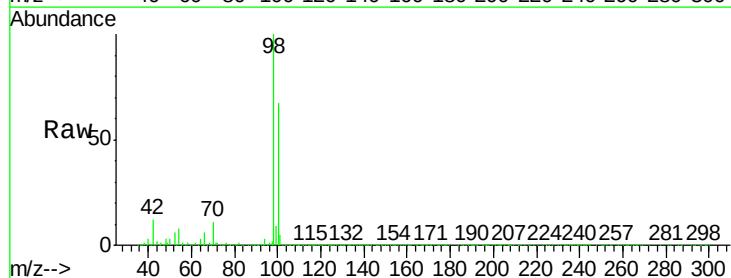
Instrument :
MSVOA_X
ClientSampleId :
MW-7DL

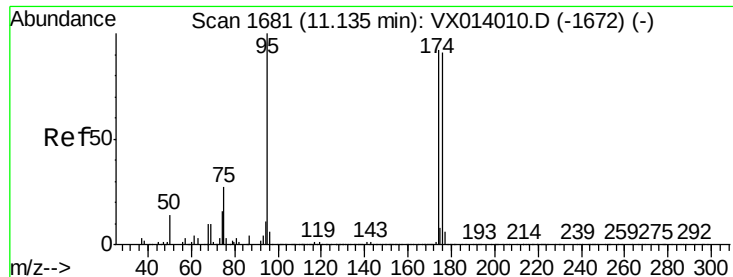
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.0	123.0
192	22.8	19.3	28.9



#50
Toluene-d8
Concen: 50.240 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX014238.D
Acq: 24 Dec 2019 12:32

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.9	79.3





#62

4-Bromofluorobenzene

Concen: 45.649 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014238.D

Acq: 24 Dec 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

MW-7DL

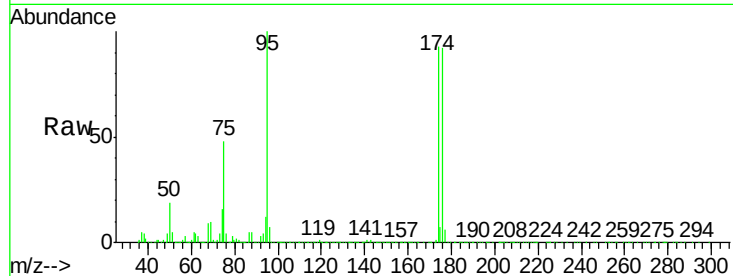
Tot Ion: 95 Resp: 329964

Ion Ratio Lower Upper

95 100

174 88.5 0.0 175.8

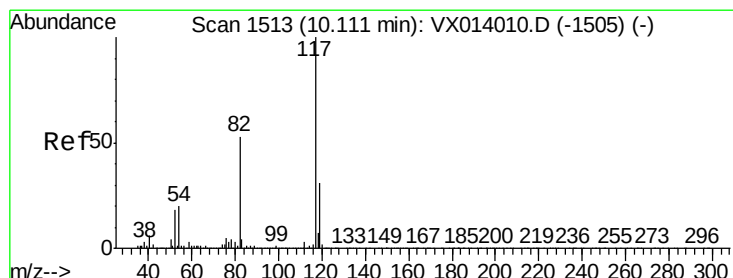
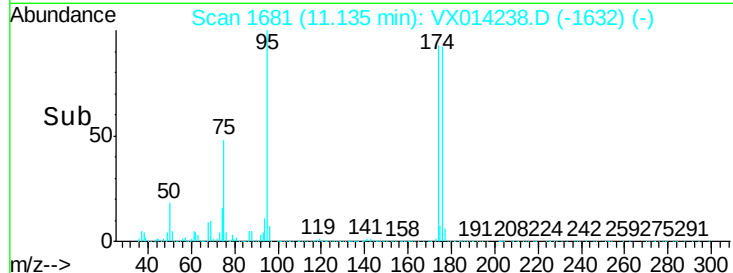
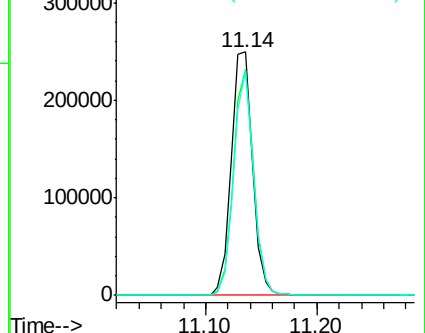
176 85.7 0.0 173.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014238.D

Acq: 24 Dec 2019 12:32

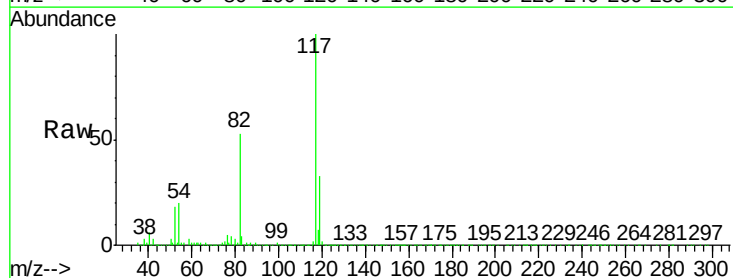
Tgt Ion: 117 Resp: 754090

Ion Ratio Lower Upper

117 100

82 53.1 42.2 63.4

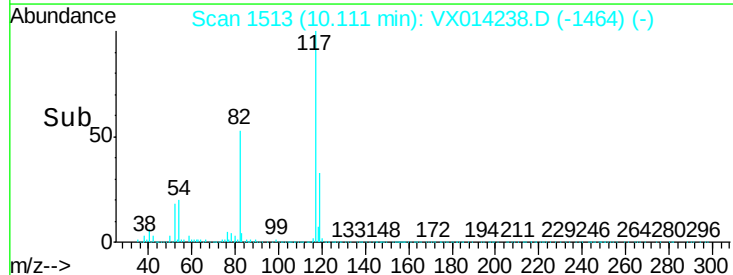
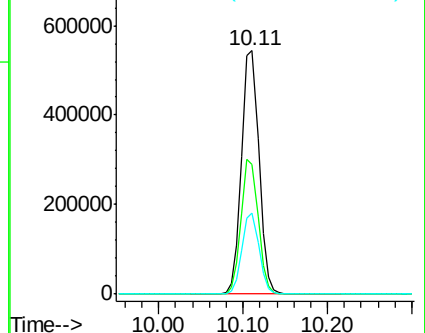
119 33.1 25.1 37.7

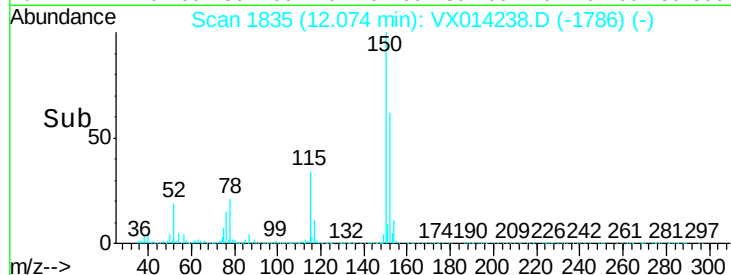
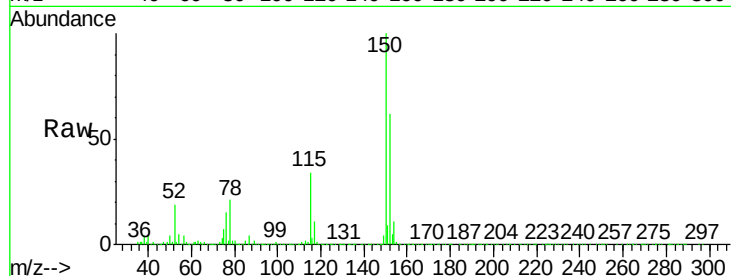
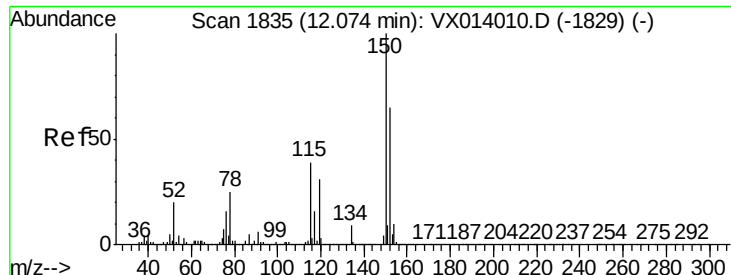


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014238.D

Acq: 24 Dec 2019 12:32

Instrument :

MSVOA_X

ClientSampleId :

MW-7DL

Tot Ion:152 Resp: 329287

Ion Ratio Lower Upper

152 100

115 55.2 38.3 114.9

150 156.1 0.0 345.4

