

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040720\
 Data File : VX015548.D
 Acq On : 07 Apr 2020 19:03
 Operator : JC/SP
 Sample : L2151-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-726

Quant Time: Apr 08 03:54:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

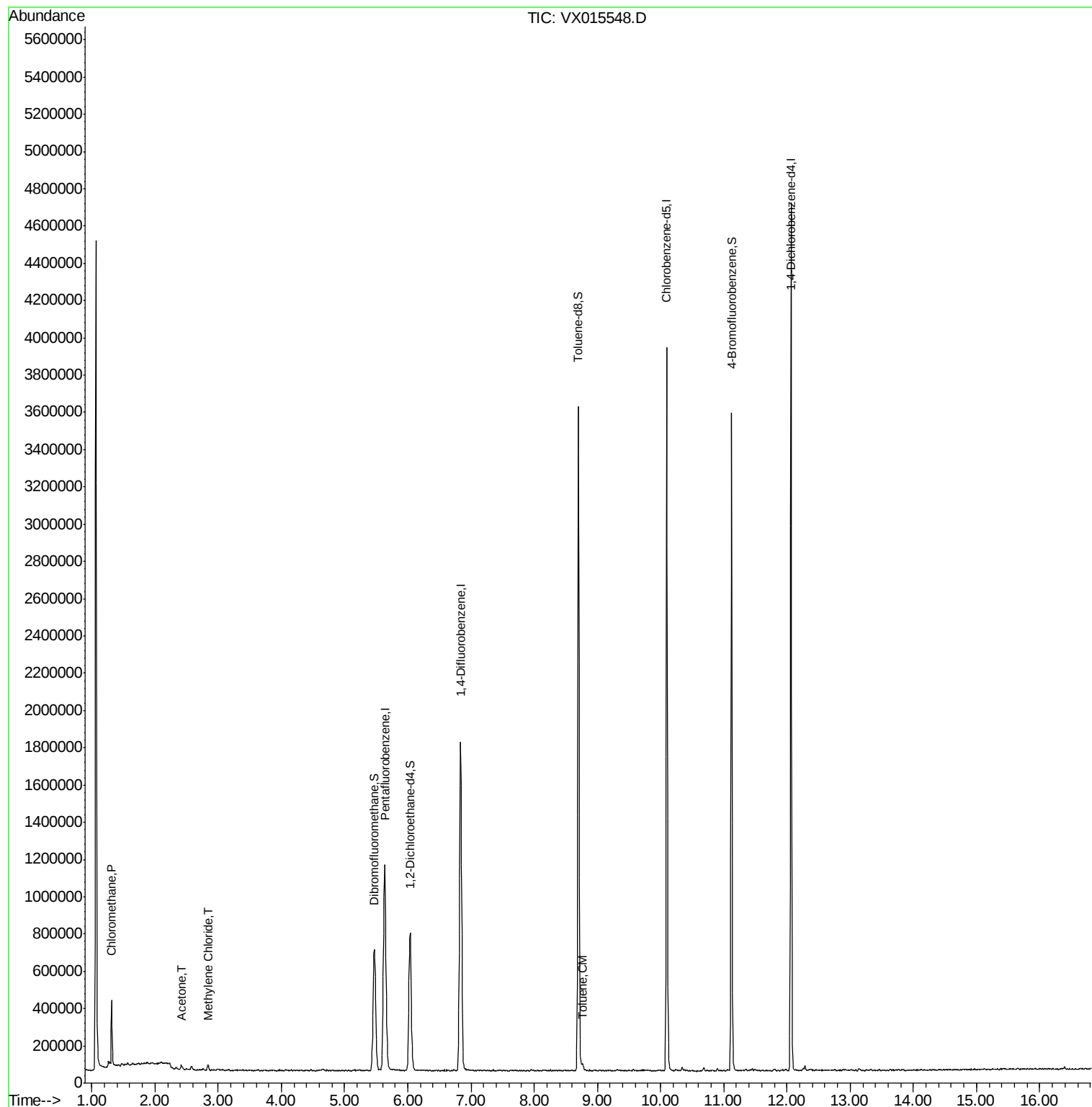
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	1086966	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1750678	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1695019	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	934898	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	728479	47.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.04%	
35) Dibromofluoromethane	5.47	113	548184	48.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.98%	
50) Toluene-d8	8.70	98	2107311	51.15	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	11.12	95	919131	54.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.78%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.31	50	202003	16.564	ug/l	100
16) Acetone	2.42	43	32203	4.889	ug/l #	88
20) Methylene Chloride	2.84	84	11939	0.970	ug/l #	84
52) Toluene	8.77	92	10303	0.354	ug/l	100

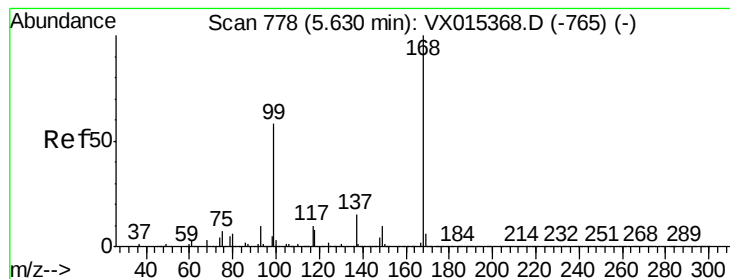
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 779

Delta R.T. 0.01 min

Lab File: VX015548.D

Acq: 07 Apr 2020 19:03

Instrument :

MSVOA_X

ClientSampled :

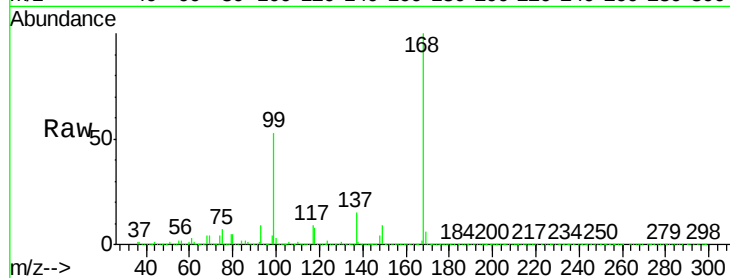
MH-726

Tot Ion:168 Resp: 1086966

Ion Ratio Lower Upper

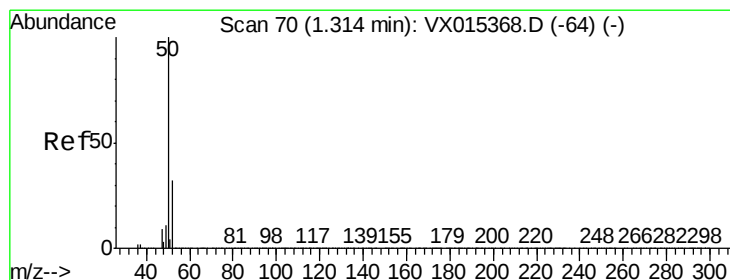
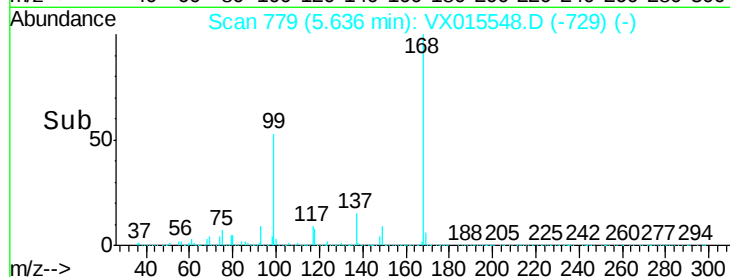
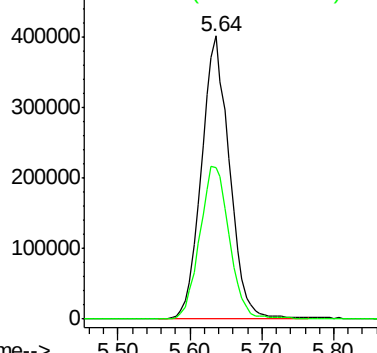
168 100

99 53.2 46.4 69.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 16.564 ug/l

RT: 1.31 min Scan# 70

Delta R.T. -0.00 min

Lab File: VX015548.D

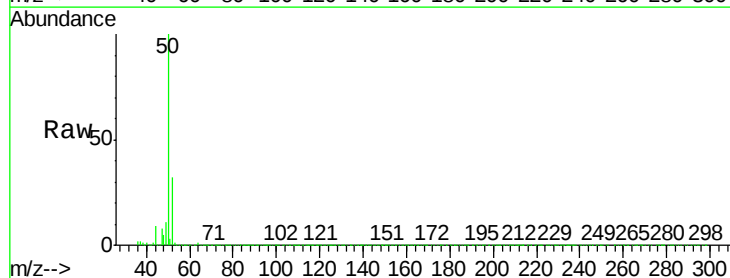
Acq: 07 Apr 2020 19:03

Tgt Ion: 50 Resp: 202003

Ion Ratio Lower Upper

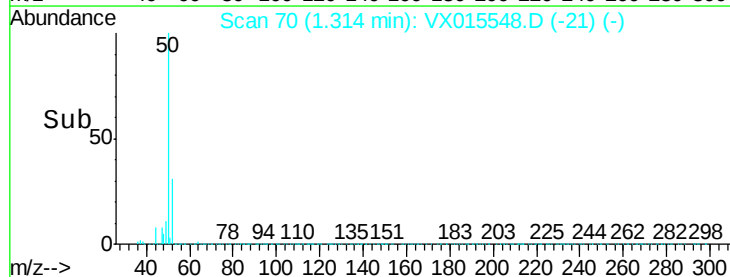
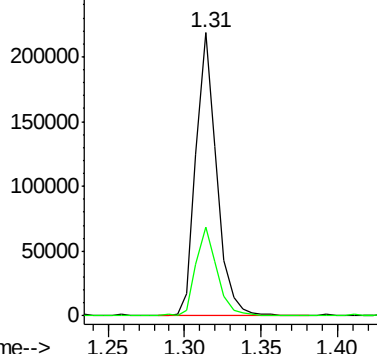
50 100

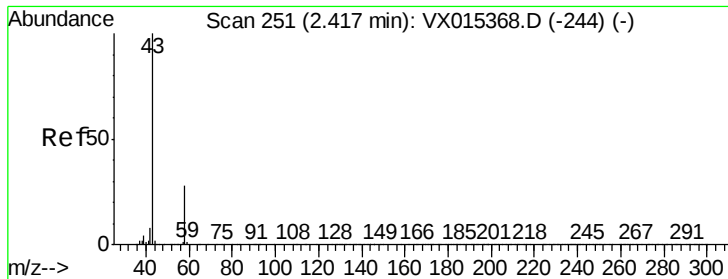
52 31.4 25.3 37.9



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

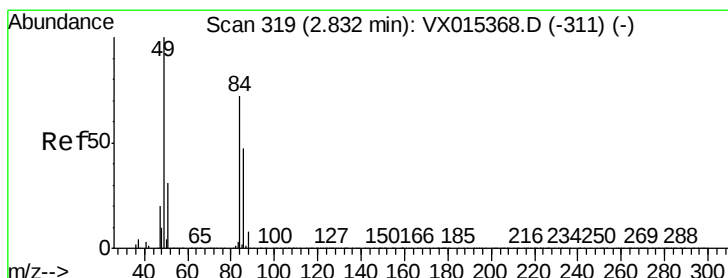
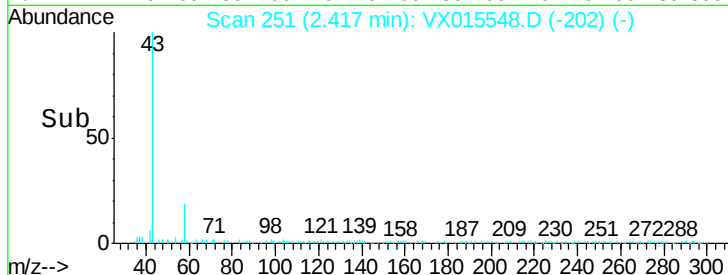
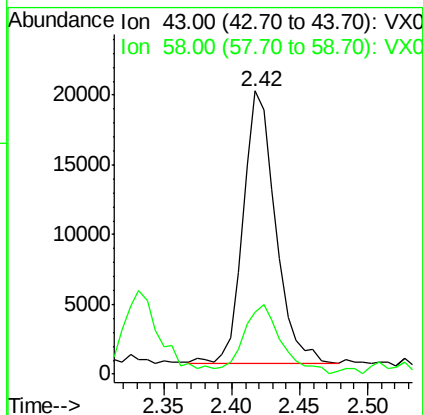
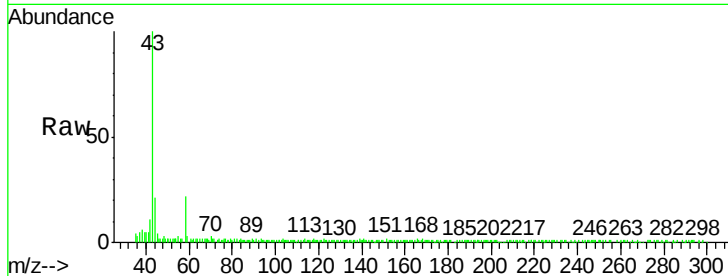




#16
Acetone
Concen: 4.889 ug/l
RT: 2.42 min Scan# 251
Delta R.T. -0.00 min
Lab File: VX015548.D
Acq: 07 Apr 2020 19:03

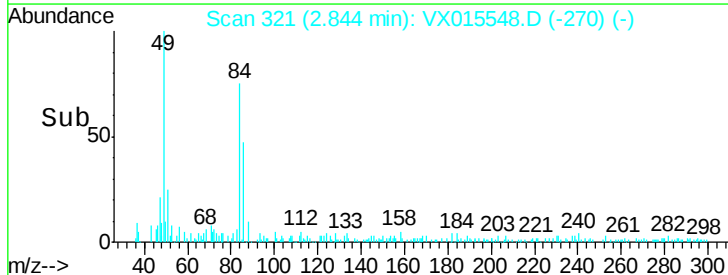
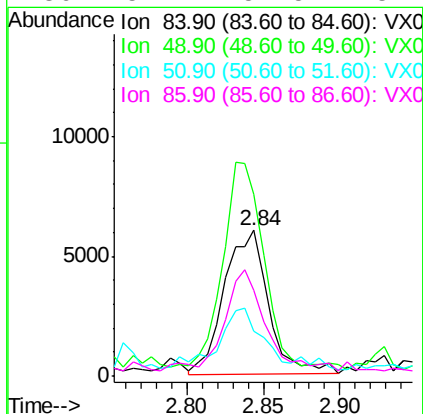
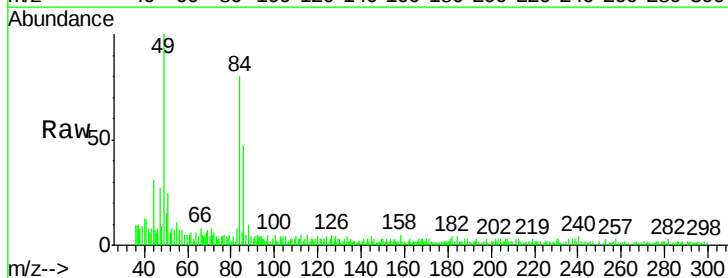
Instrument :
MSVOA_X
ClientSampled :
MH-726

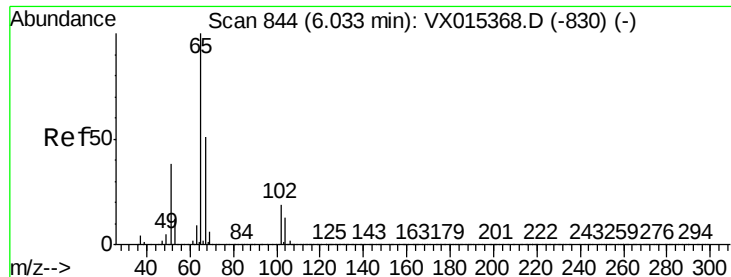
Tot Ion: 43 Resp: 32203
Ion Ratio Lower Upper
43 100
58 21.6 22.1 33.1#



#20
Methylene Chloride
Concen: 0.970 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.01 min
Lab File: VX015548.D
Acq: 07 Apr 2020 19:03

Tgt Ion: 84 Resp: 11939
Ion Ratio Lower Upper
84 100
49 120.4 111.3 166.9
51 27.0 34.0 51.0#
86 57.1 52.5 78.7

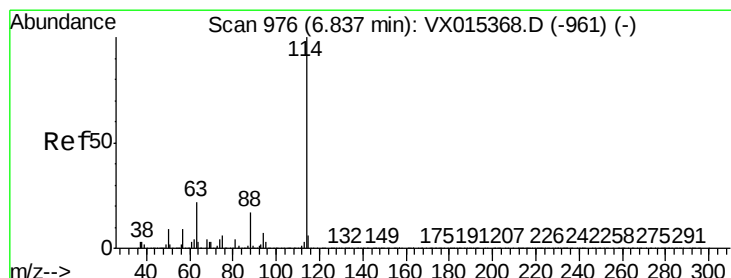
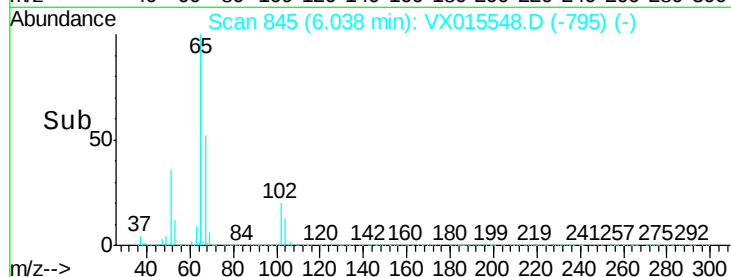
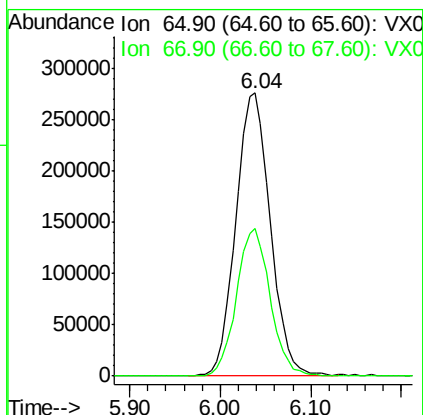
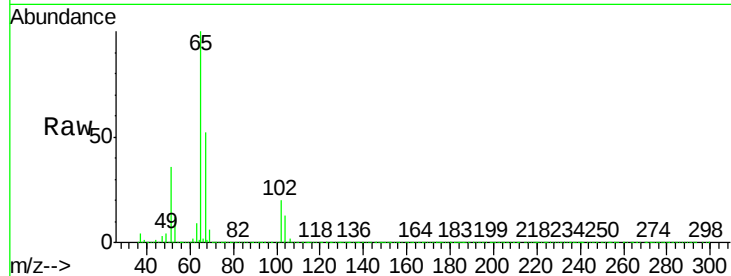




#33
 1,2-Dichloroethane-d4
 Concen: 47.518 ug/l
 RT: 6.04 min Scan# 845
 Delta R.T. 0.01 min
 Lab File: VX015548.D
 Acq: 07 Apr 2020 19:03

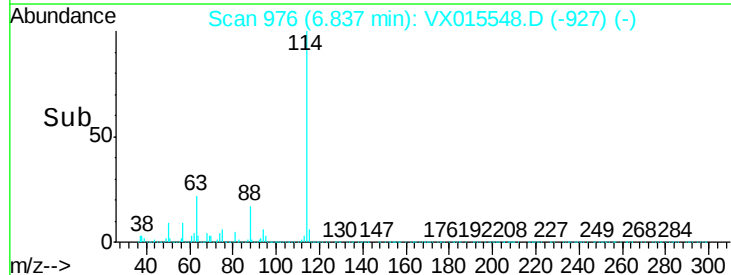
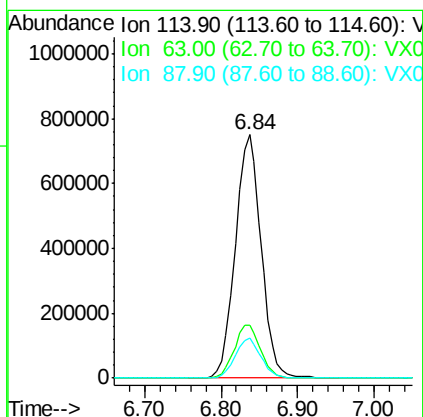
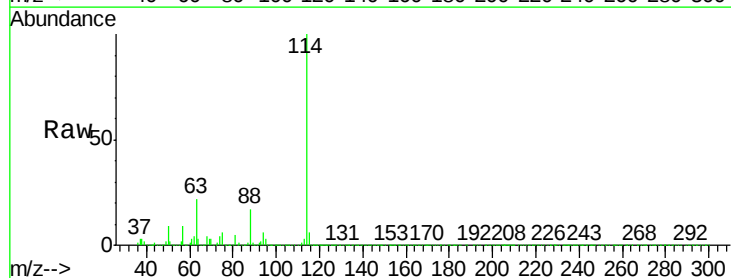
Instrument :
 MSVOA_X
 ClientSampleId :
 MH-726

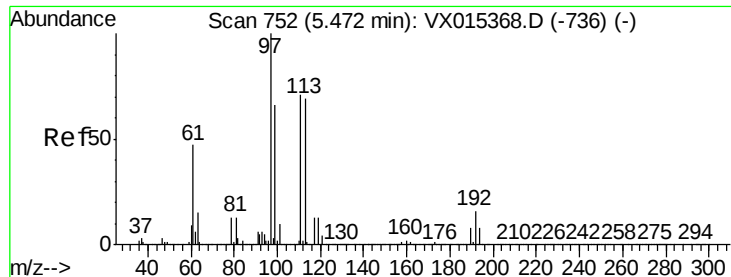
Tot Ion: 65 Resp: 728479
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 976
 Delta R.T. -0.00 min
 Lab File: VX015548.D
 Acq: 07 Apr 2020 19:03

Tgt Ion: 114 Resp: 1750678
 Ion Ratio Lower Upper
 114 100
 63 21.7 0.0 44.2
 88 16.6 0.0 33.8





#35

Dibromofluoromethane

Concen: 48.985 ug/l

RT: 5.47 min Scan# 752

Delta R.T. -0.00 min

Lab File: VX015548.D

Acq: 07 Apr 2020 19:03

Instrument :

MSVOA_X

ClientSampled :

MH-726

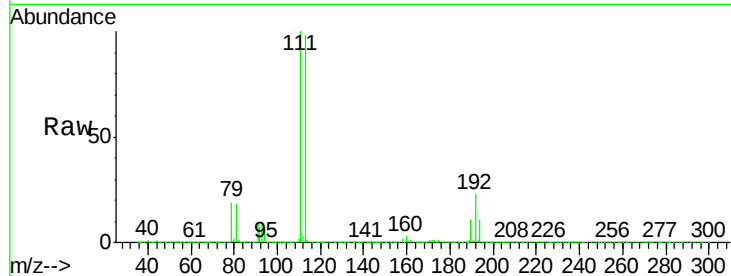
Tot Ion:113 Resp: 548184

Ion Ratio Lower Upper

113 100

111 102.9 81.5 122.3

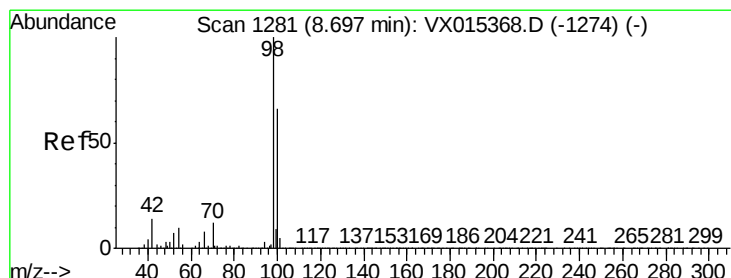
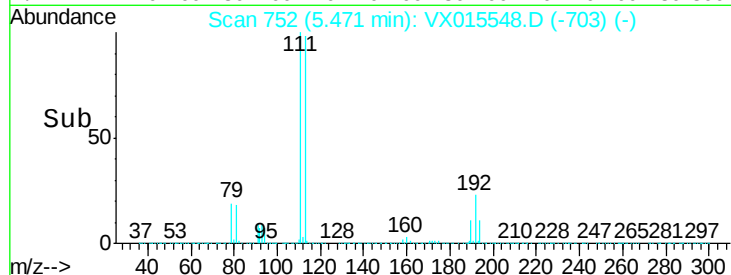
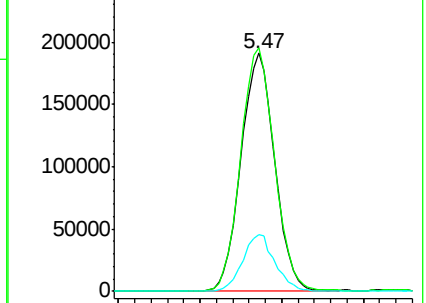
192 22.7 17.8 26.6



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: 51.146 ug/l

RT: 8.70 min Scan# 1281

Delta R.T. -0.00 min

Lab File: VX015548.D

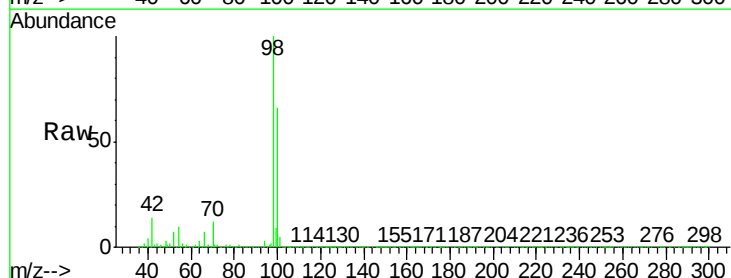
Acq: 07 Apr 2020 19:03

Tgt Ion: 98 Resp: 2107311

Ion Ratio Lower Upper

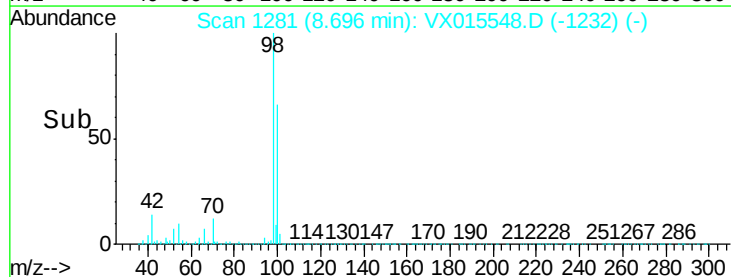
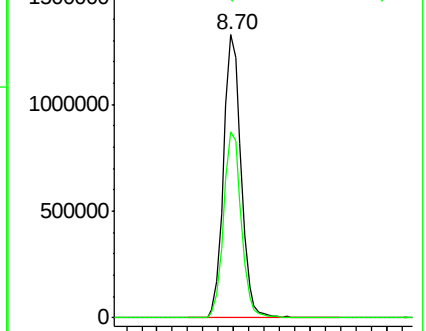
98 100

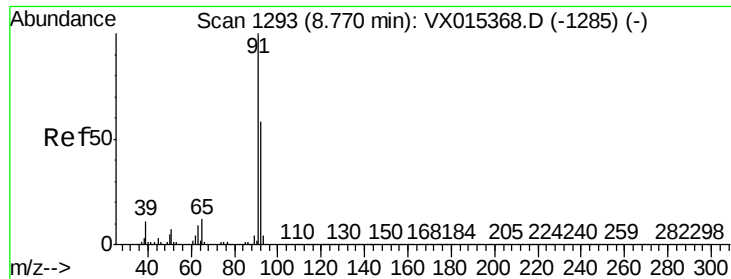
100 66.1 53.5 80.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.354 ug/l

RT: 8.77 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX015548.D

Acq: 07 Apr 2020 19:03

Instrument :

MSVOA_X

ClientSampled :

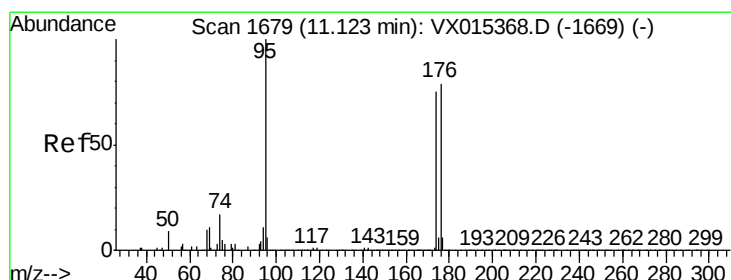
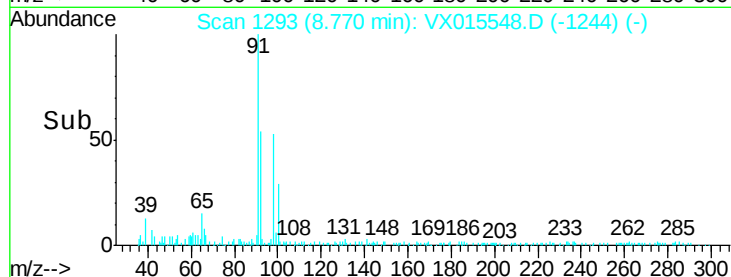
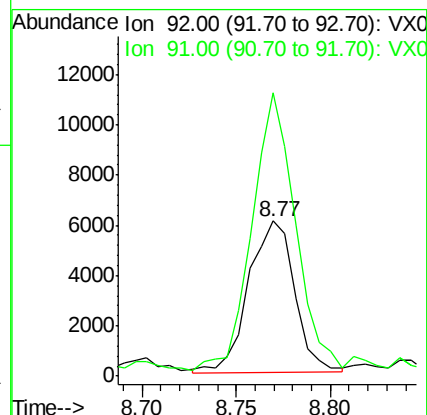
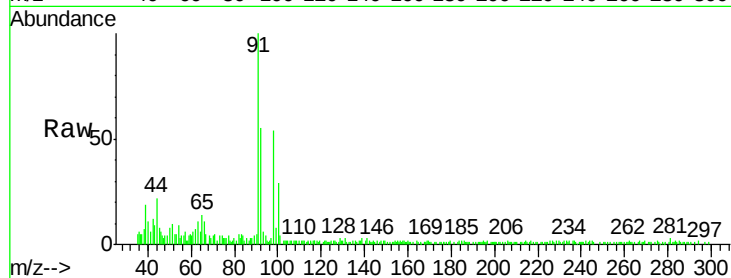
MH-726

Tot Ion: 92 Resp: 10303

Ion Ratio Lower Upper

92 100

91 170.1 136.6 205.0



#62

4-Bromofluorobenzene

Concen: 54.892 ug/l

RT: 11.12 min Scan# 1679

Delta R.T. -0.00 min

Lab File: VX015548.D

Acq: 07 Apr 2020 19:03

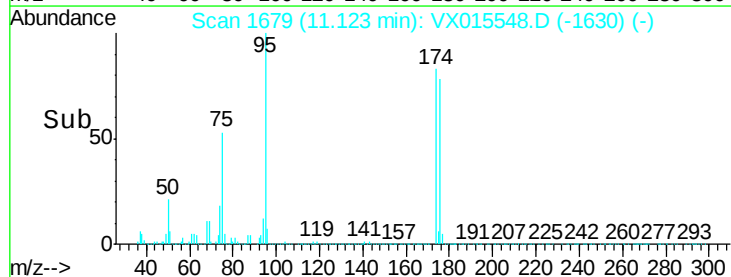
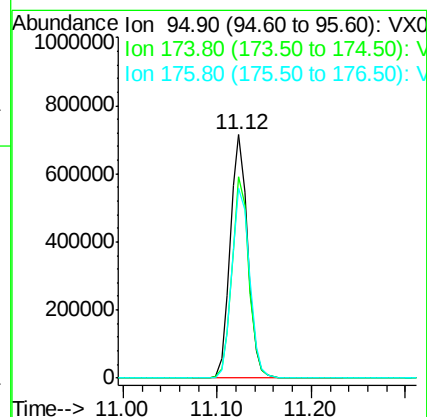
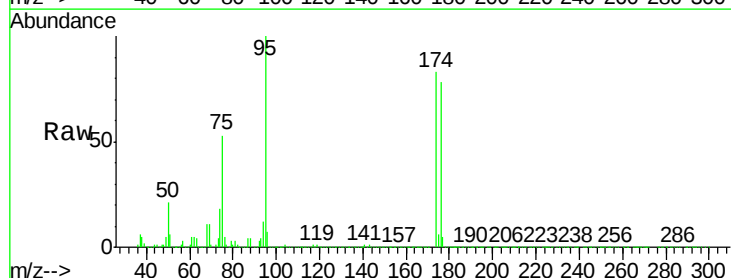
Tgt Ion: 95 Resp: 919131

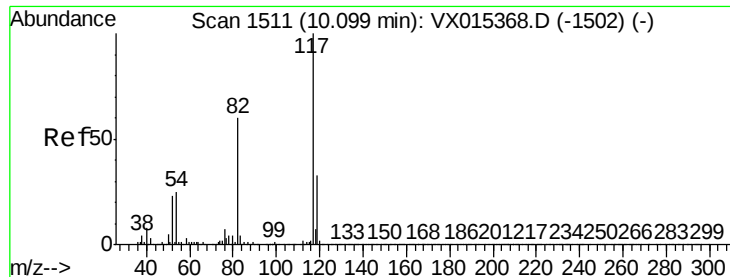
Ion Ratio Lower Upper

95 100

174 79.9 0.0 158.6

176 79.9 0.0 159.0

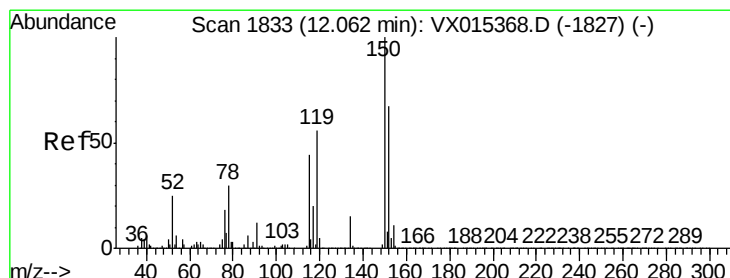
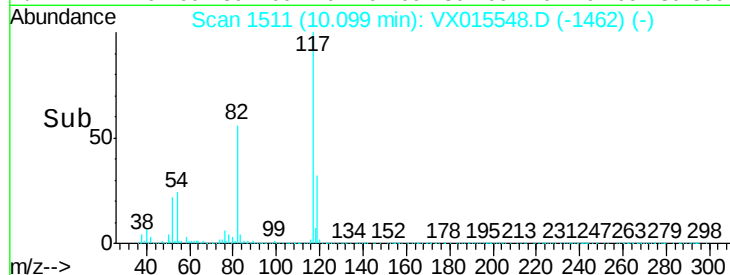
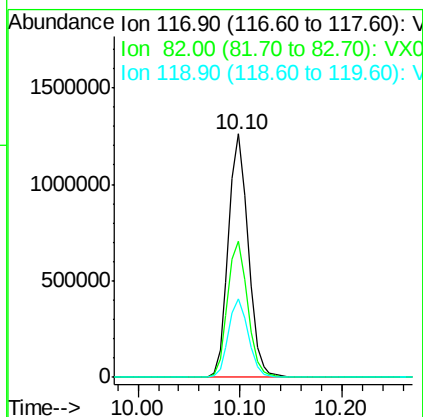
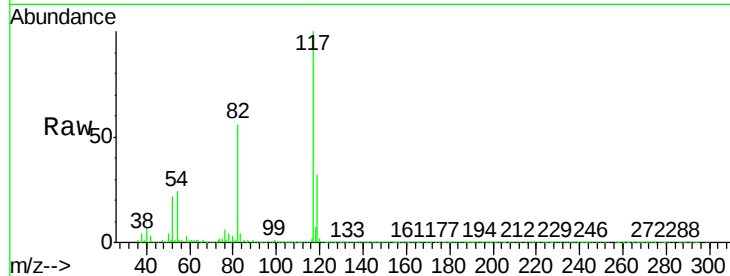




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1511
Delta R.T. -0.00 min
Lab File: VX015548.D
Acq: 07 Apr 2020 19:03

Instrument :
MSVOA_X
ClientSampleId :
MH-726

Tot Ion:117 Resp: 1695019
Ion Ratio Lower Upper
117 100
82 56.0 47.8 71.8
119 32.3 26.8 40.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1833
Delta R.T. -0.00 min
Lab File: VX015548.D
Acq: 07 Apr 2020 19:03

Tgt Ion:152 Resp: 934898
Ion Ratio Lower Upper
152 100
115 57.5 39.0 116.9
150 155.0 0.0 340.8

