

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052220\
 Data File : VL035091.D
 Acq On : 22 May 2020 19:22
 Operator : SY/AP
 Sample : L2739-04DL 10X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 AA-1DL

Quant Time: May 24 00:38:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed May 06 14:49:39 2020
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	945628	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	2210667	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.10	117	2104912	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1745154	10.24	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

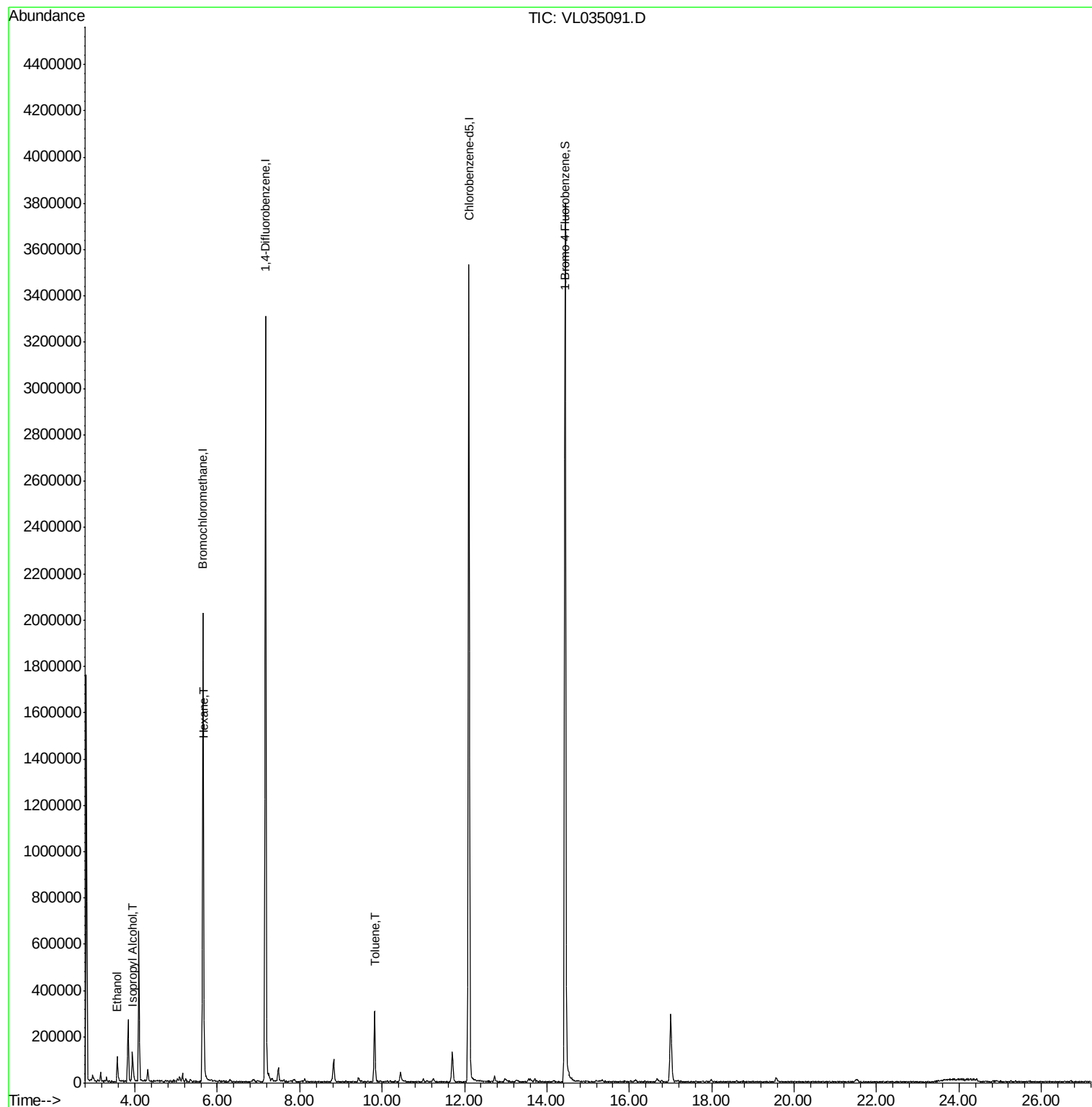
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.56	45	102612	6.638	ppbv	94
19) Isopropyl Alcohol	3.94	45	123334	1.479	ppbv #	90
26) Hexane	5.67	57	15423	0.169	ppbv #	79
53) Toluene	9.82	91	224722	1.163	ppbv	96

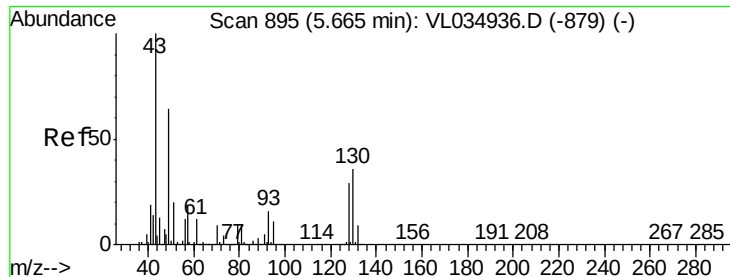
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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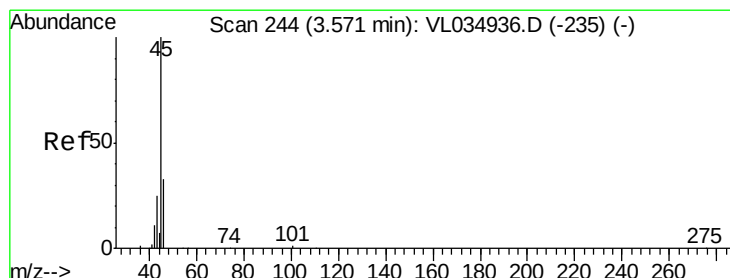
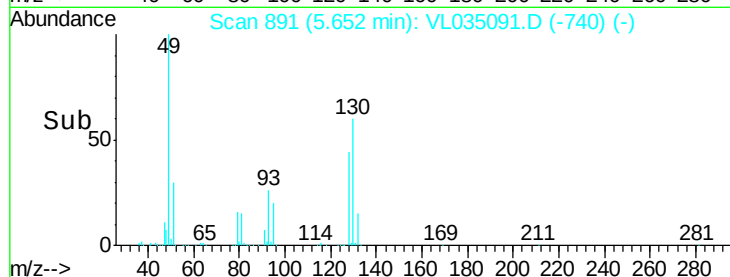
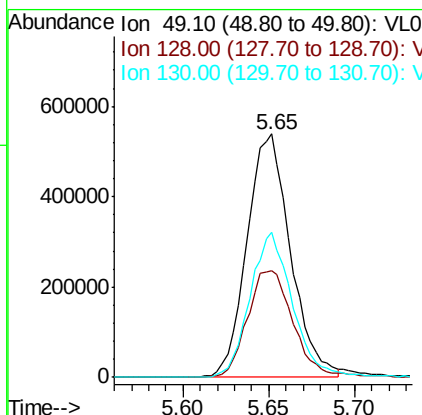
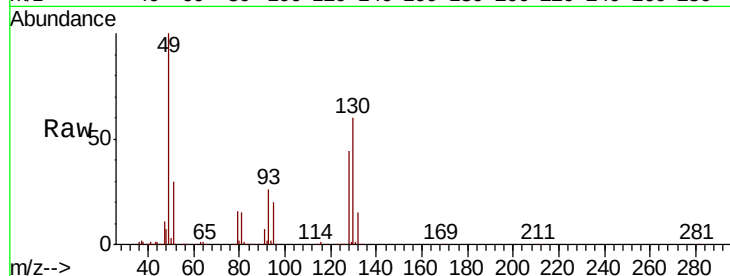




#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.65 min Scan# 891
Delta R.T. -0.01 min
Lab File: VL035091.D
Acq: 22 May 2020 19:22

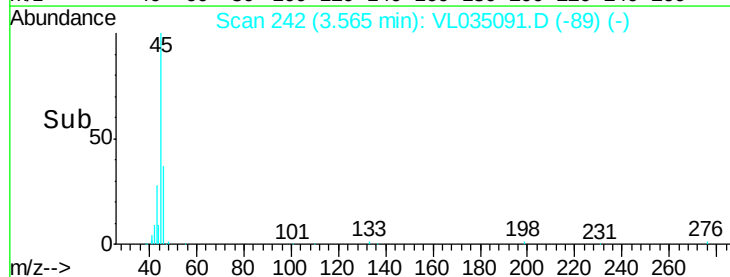
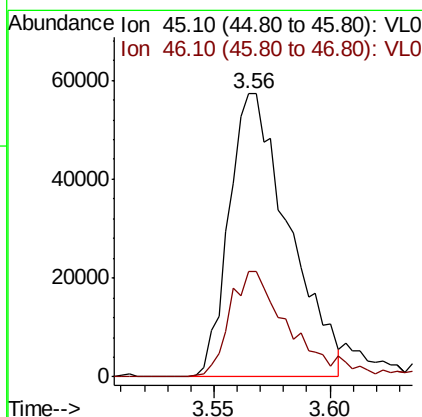
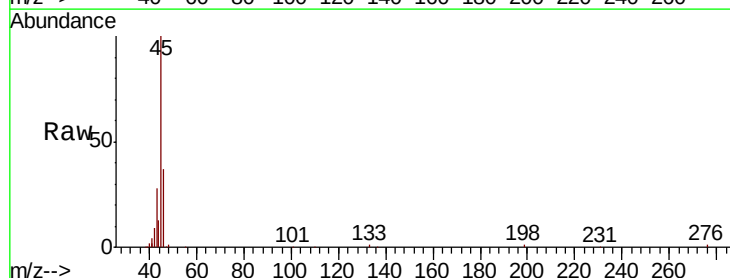
Instrument :
MSVOA_L
ClientSampleId :
AA-1DL

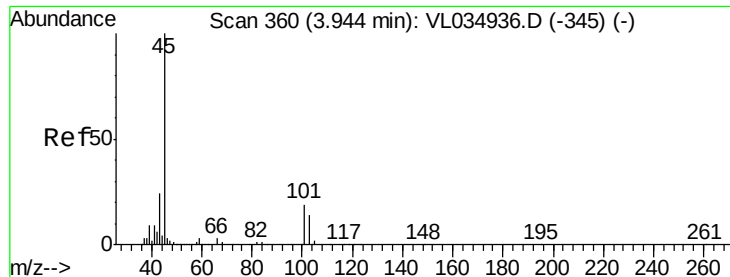
Tot Ion	49	Resp	945628
Ion Ratio	Lower	Upper	
49	100		
128	46.9	22.1	66.5
130	58.9	29.1	87.3



#13
Ethanol
Concen: 6.638 ppbv
RT: 3.56 min Scan# 242
Delta R.T. -0.01 min
Lab File: VL035091.D
Acq: 22 May 2020 19:22

Tgt Ion	45	Resp	102612
Ion Ratio	Lower	Upper	
45	100		
46	39.3	14.3	57.3





#19

Isopropyl Alcohol

Concen: 1.479 ppbv

RT: 3.94 min Scan# 359

Delta R.T. -0.00 min

Lab File: VL035091.D

Acq: 22 May 2020 19:22

Instrument :

MSVOA_L

ClientSampleId :

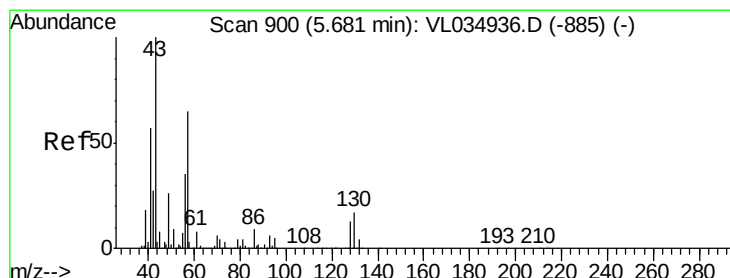
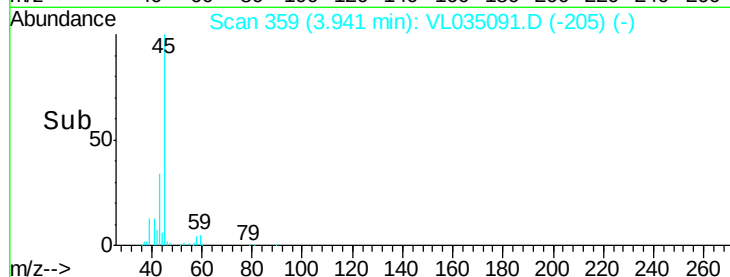
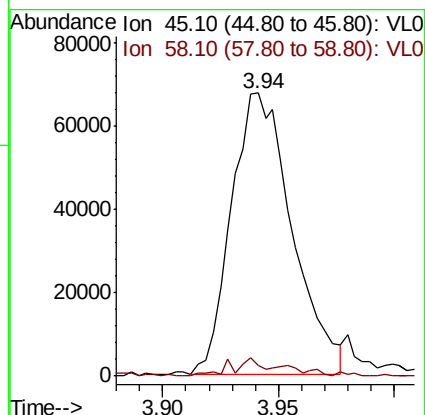
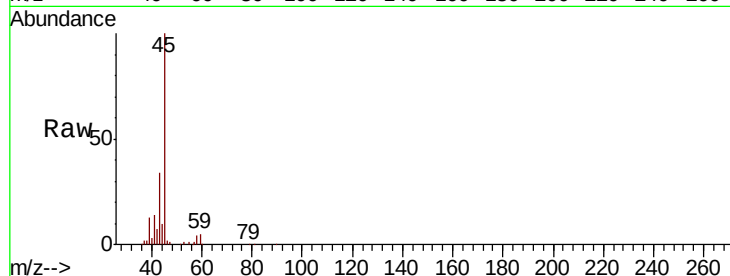
AA-1DL

Tot Ion: 45 Resp: 123334

Ion Ratio Lower Upper

45 100

58 5.6 1.7 2.5#



#26

Hexane

Concen: 0.169 ppbv

RT: 5.67 min Scan# 897

Delta R.T. -0.01 min

Lab File: VL035091.D

Acq: 22 May 2020 19:22

Tgt Ion: 57 Resp: 15423

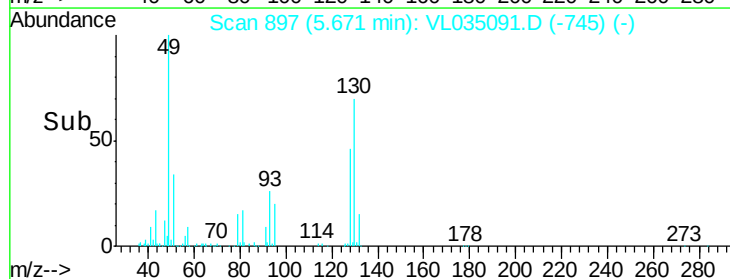
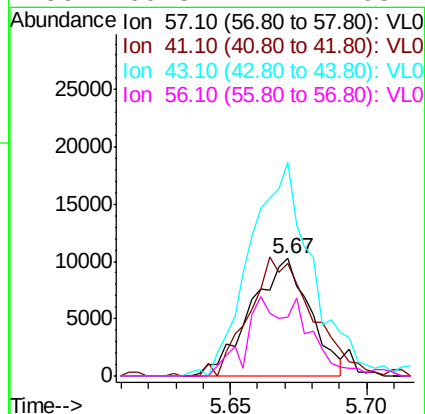
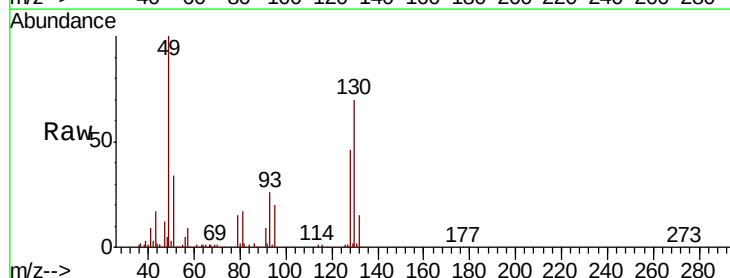
Ion Ratio Lower Upper

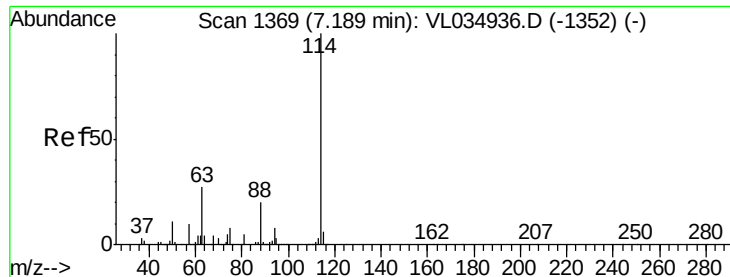
57 100

41 113.6 72.7 109.1#

43 196.5 182.1 273.1

56 69.5 42.2 63.2#

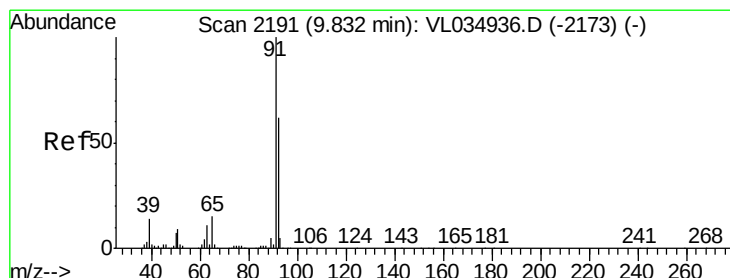
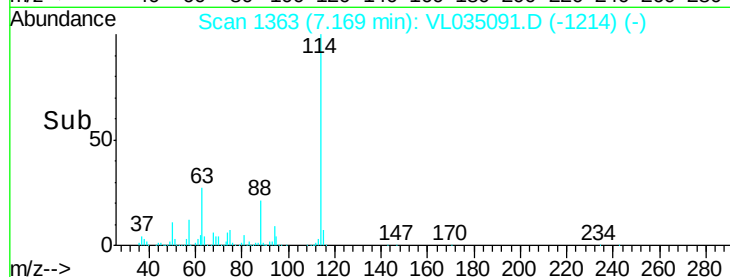
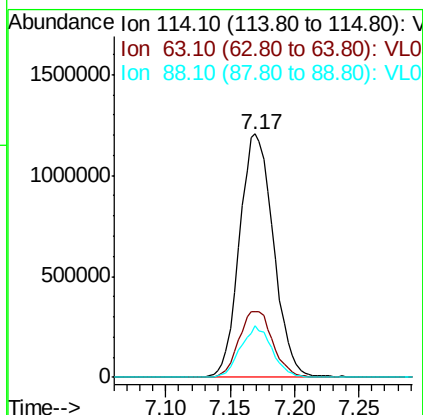
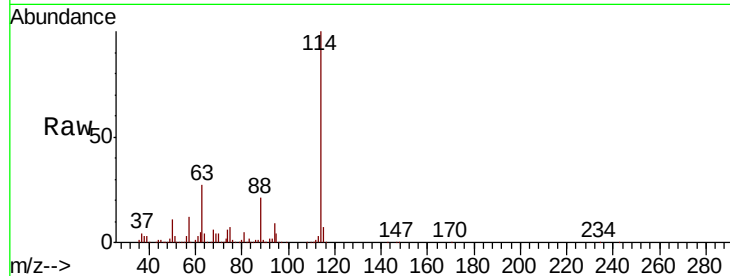




#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.02 min
 Lab File: VL035091.D
 Acq: 22 May 2020 19:22

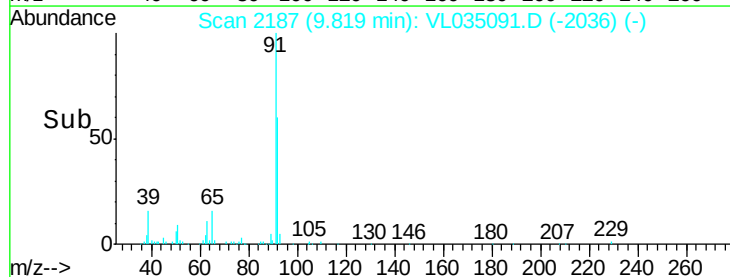
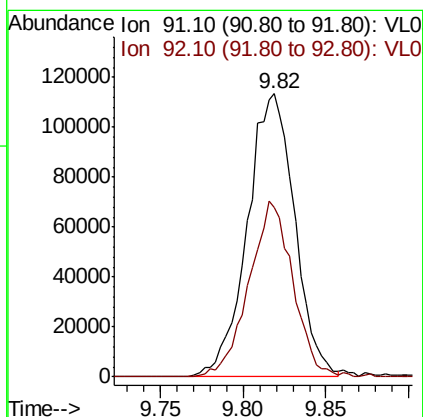
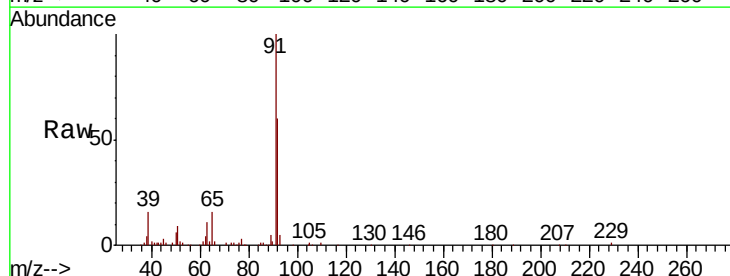
Instrument :
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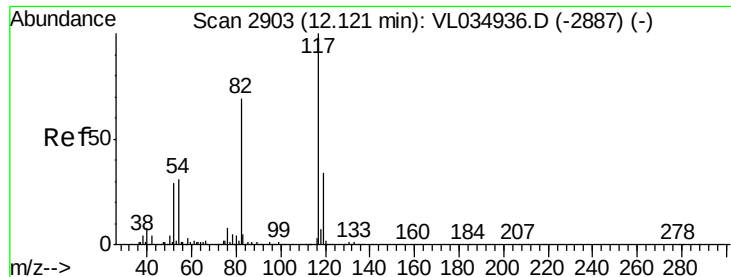
Tot Ion:114 Resp: 2210667
 Ion Ratio Lower Upper
 114 100
 63 27.3 22.2 33.4
 88 19.6 15.5 23.3



#53
 Toluene
 Concen: 1.163 ppbv
 RT: 9.82 min Scan# 2187
 Delta R.T. -0.01 min
 Lab File: VL035091.D
 Acq: 22 May 2020 19:22

Tgt Ion: 91 Resp: 224722
 Ion Ratio Lower Upper
 91 100
 92 57.7 48.6 73.0

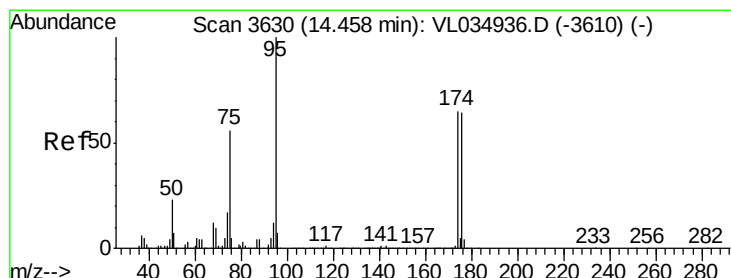
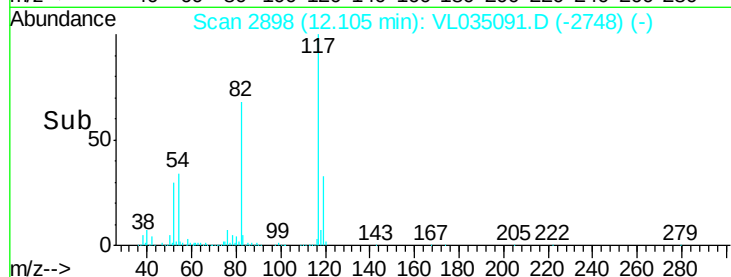
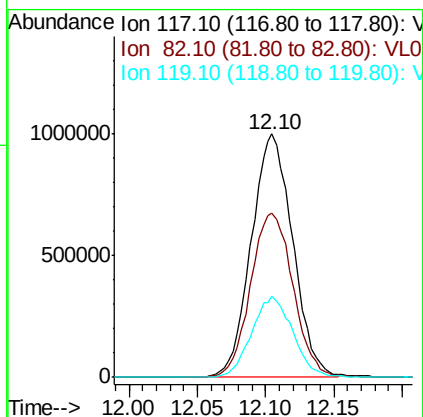
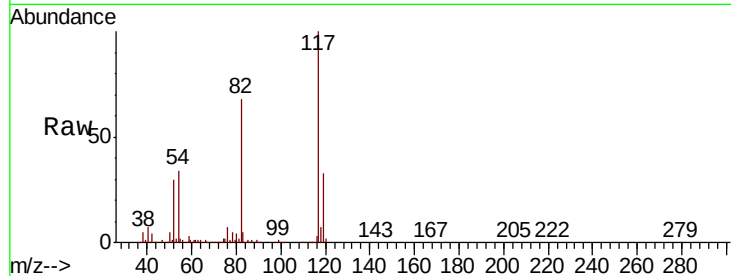




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.10 min Scan# 2898
Delta R.T. -0.02 min
Lab File: VL035091.D
Acq: 22 May 2020 19:22

Instrument :
MSVOA_L
ClientSampleId :
AA-1DL

Tot Ion:117 Resp: 2104912
Ion Ratio Lower Upper
117 100
82 69.6 53.1 79.7
119 32.9 26.7 40.1



#68
1-Bromo-4-Fluorobenzene
Concen: 10.243 ppbv
RT: 14.44 min Scan# 3625
Delta R.T. -0.02 min
Lab File: VL035091.D
Acq: 22 May 2020 19:22

Tgt Ion: 95 Resp: 1745154
Ion Ratio Lower Upper
95 100
174 65.9 51.5 77.3
175 4.8 3.8 5.8

