

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL022322\
 Data File : VL038421.D
 Acq On : 23 Feb 2022 23:52
 Operator : SY/AP
 Sample : N1605-02DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-3DL

Quant Time: Feb 26 15:56:43 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022
 QLast Update : Tue Feb 22 19:45:51 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	842557	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.15	114	2047840	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.06	117	1785770	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1374020	9.30	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	93.00%

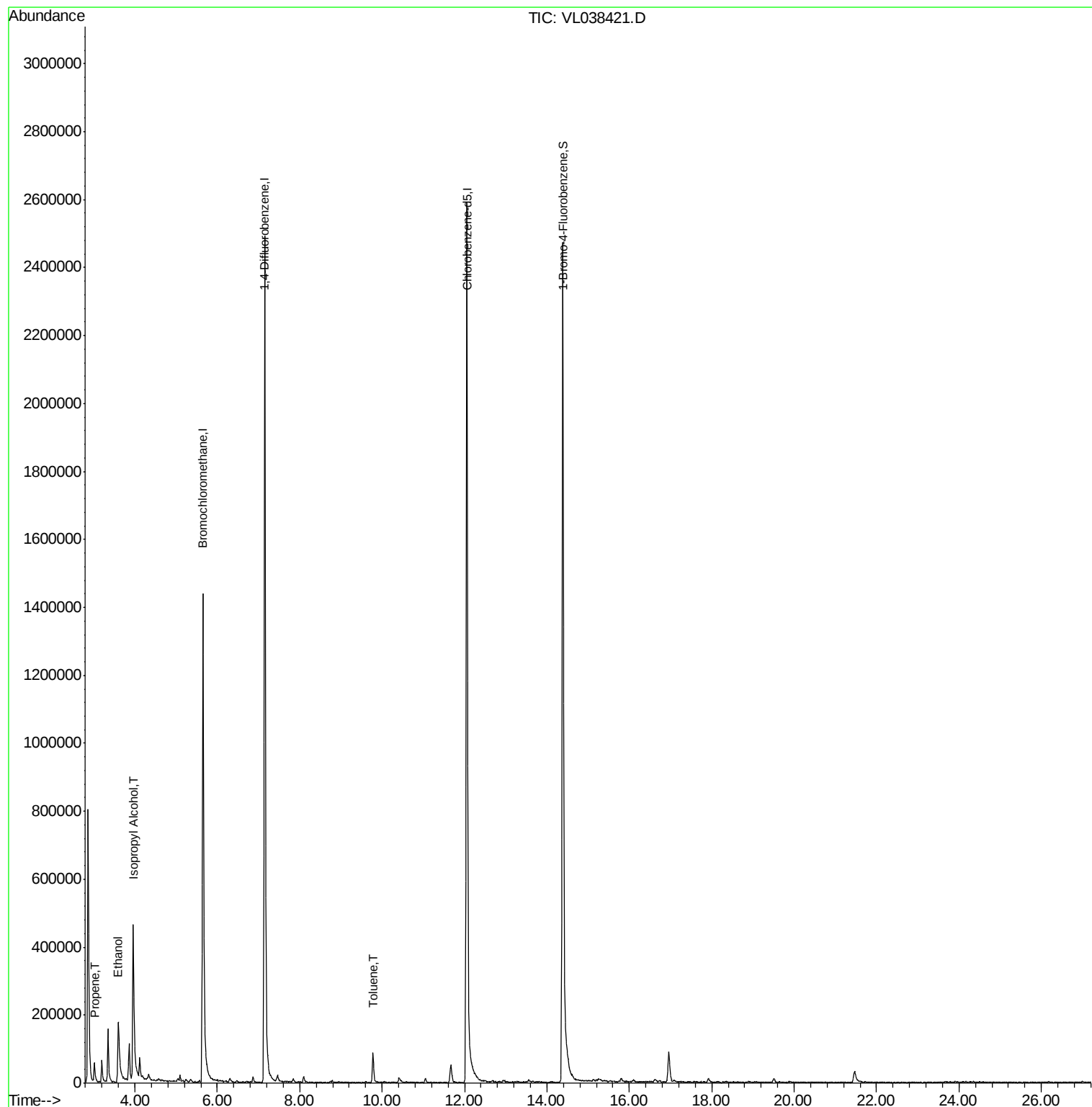
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.01	41	14366	0.29	ppbv #	79
13) Ethanol	3.59	45	279994	57.11	ppbv	99
19) Isopropyl Alcohol	3.95	45	694767	16.74	ppbv #	98
53) Toluene	9.78	91	73066	0.37	ppbv	98

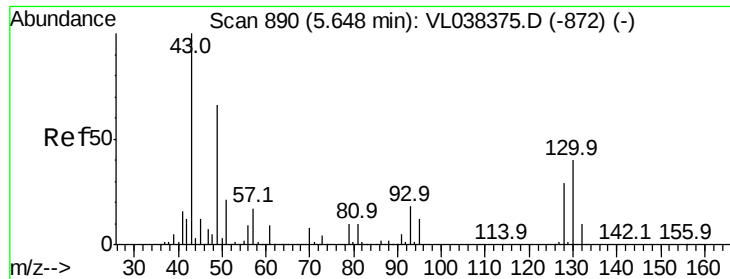
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.65 Instrument: MSVOA_L

Delta R.T. ClientSampleId:

Lab File: IA-3DL

Acq: 23 Feb 2022 23:52

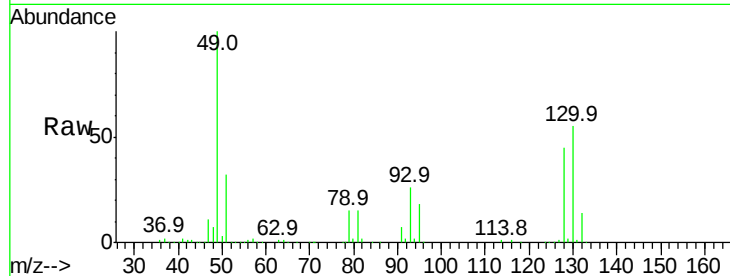
Tgt Ion: 49 Resp: 842557

Ion Ratio Lower Upper

49 100

128 47.3 24.3 72.9

130 60.6 30.1 90.5



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): VL0

Ion 130.00 (129.70 to 130.70): VL0

5.65

400000

300000

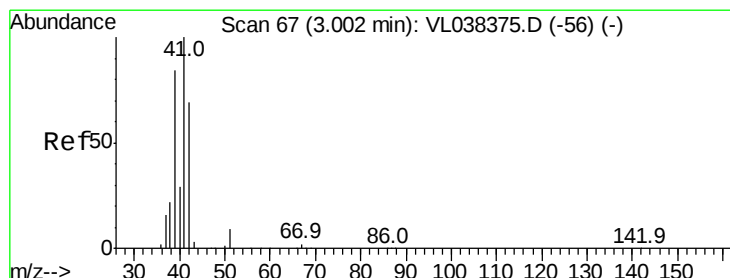
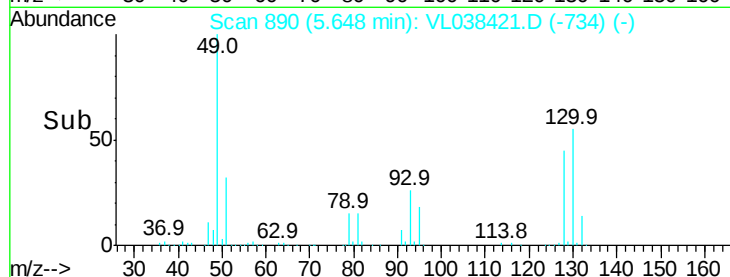
200000

100000

0

Time-->

5.55 5.60 5.65 5.70 5.75



#9

Propene

Concen: 0.29 ppbv

RT: 3.01 min Scan# 69

Delta R.T. 0.01 min

Lab File: VL038421.D

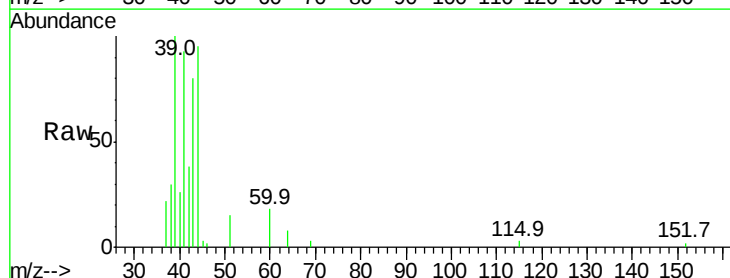
Acq: 23 Feb 2022 23:52

Tgt Ion: 41 Resp: 14366

Ion Ratio Lower Upper

41 100

42 51.3 54.6 82.0#



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

10000

8000

6000

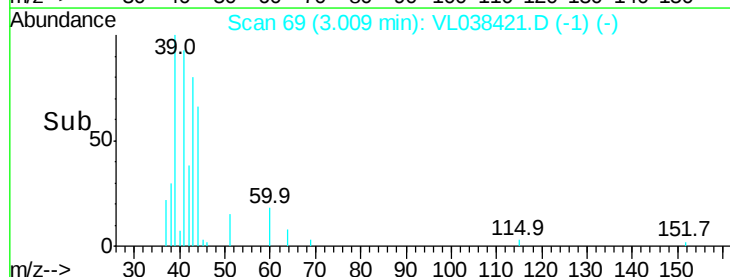
4000

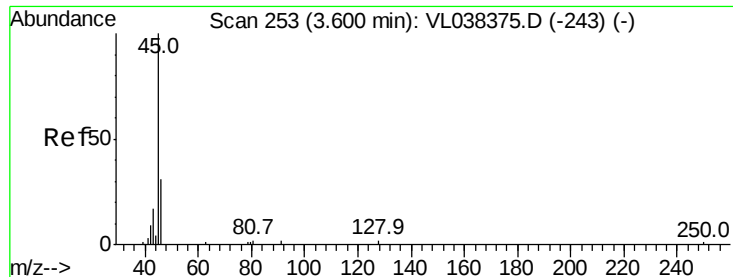
2000

0

Time-->

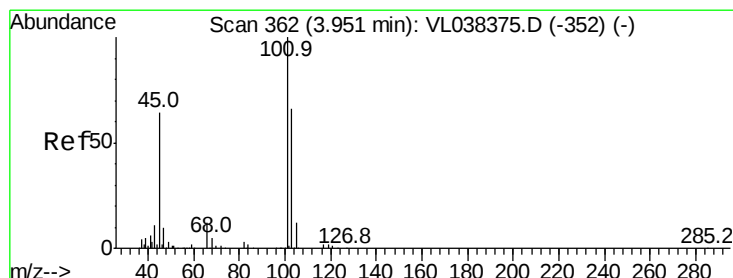
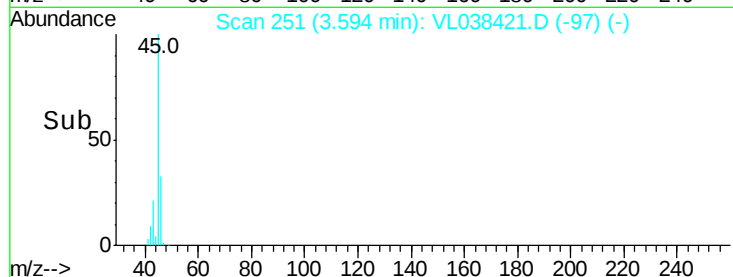
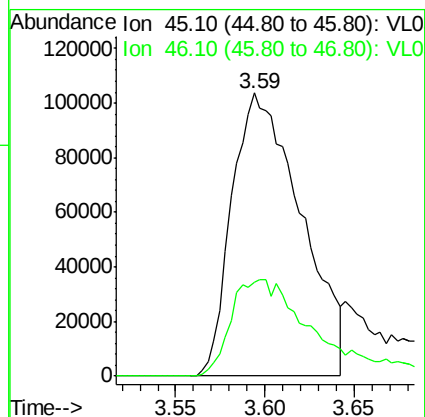
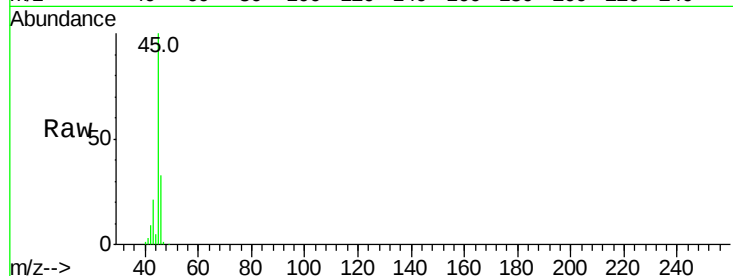
3.00 3.05





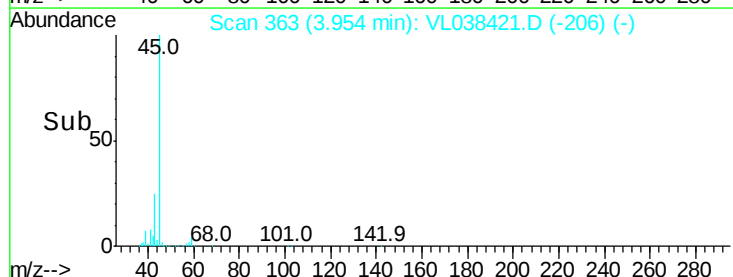
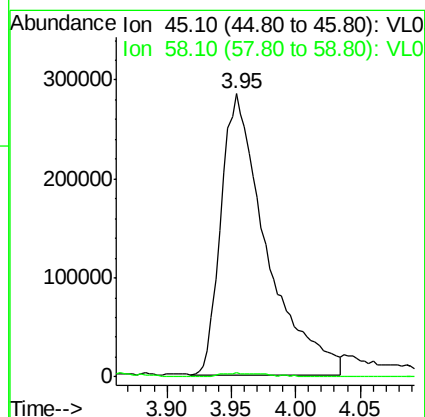
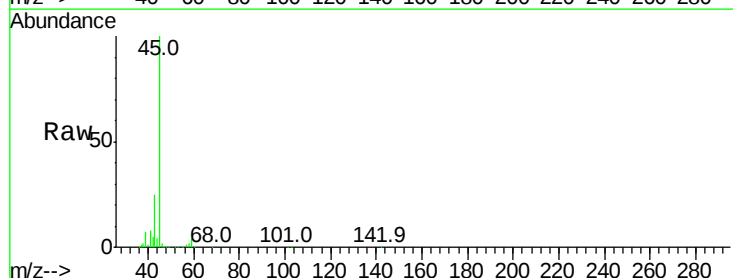
#13
 Ethanol
 Concen: 57.11 ppbv
 RT: 3.59
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 23 Feb 2022 23:52

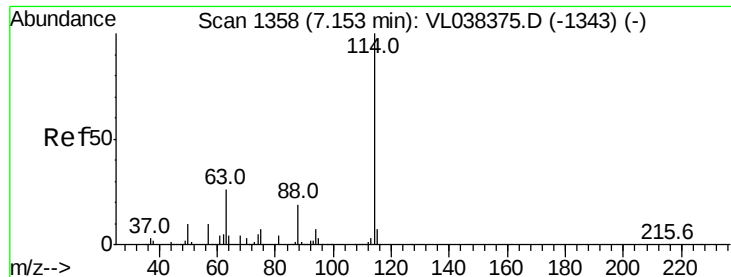
Tgt Ion: 45 Resp: 279994
 Ion Ratio Lower Upper
 45 100
 46 44.6 18.2 72.8



#19
 Isopropyl Alcohol
 Concen: 16.74 ppbv
 RT: 3.95 min Scan# 363
 Delta R.T. 0.00 min
 Lab File: VL038421.D
 Acq: 23 Feb 2022 23:52

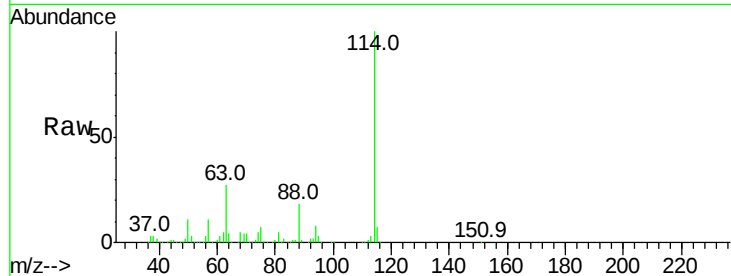
Tgt Ion: 45 Resp: 694767
 Ion Ratio Lower Upper
 45 100
 58 1.7 1.8 2.8#



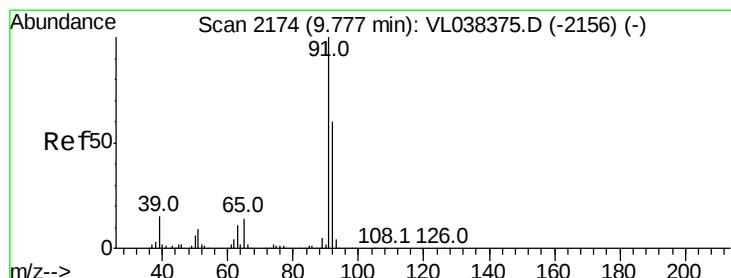
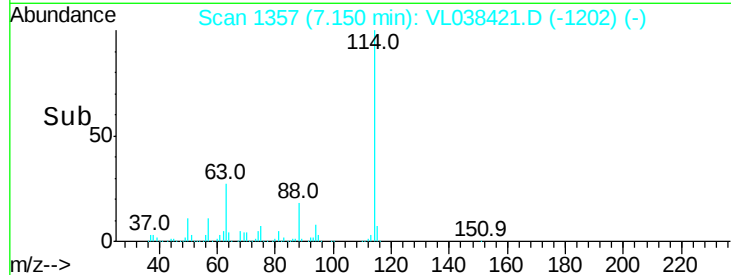
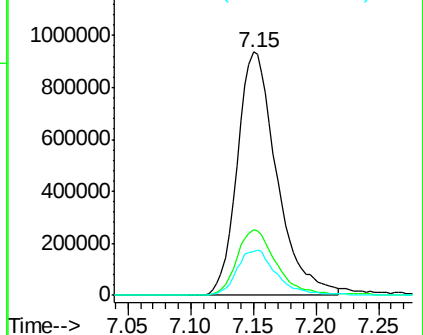


#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.15
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 23 Feb 2022 23:52

Tgt Ion: 114 Resp: 2047840
 Ion Ratio Lower Upper
 114 100
 63 27.8 22.2 33.2
 88 19.0 15.2 22.8

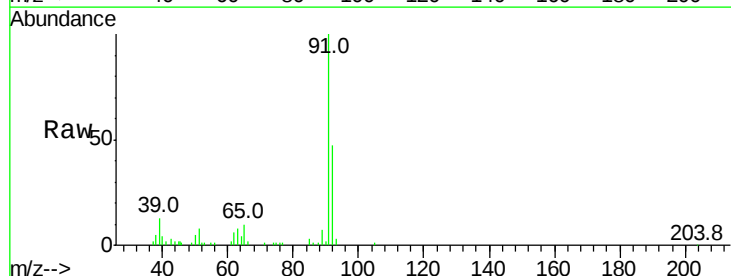


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

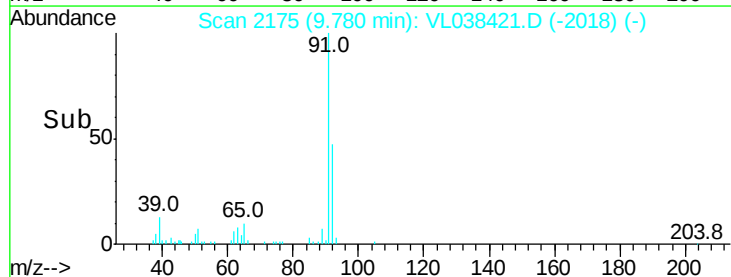
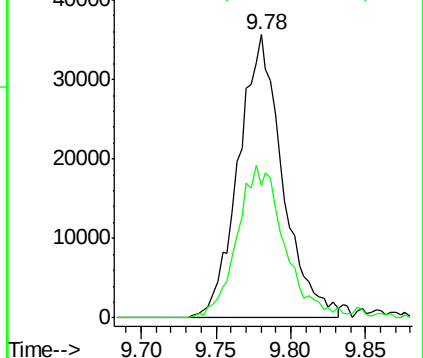


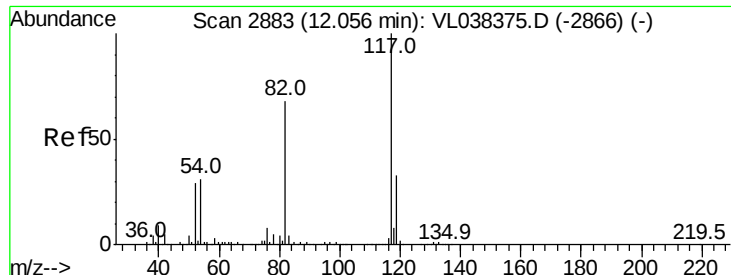
#53
 Toluene
 Concen: 0.37 ppbv
 RT: 9.78 min Scan# 2175
 Delta R.T. 0.00 min
 Lab File: VL038421.D
 Acq: 23 Feb 2022 23:52

Tgt Ion: 91 Resp: 73066
 Ion Ratio Lower Upper
 91 100
 92 58.8 48.2 72.4



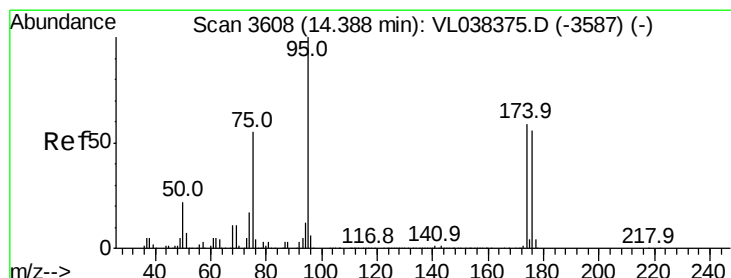
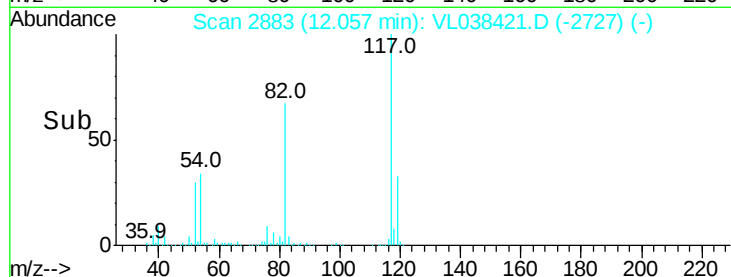
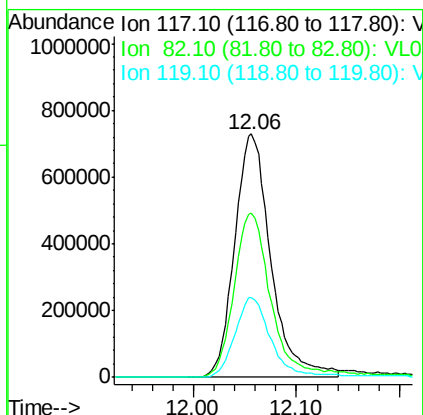
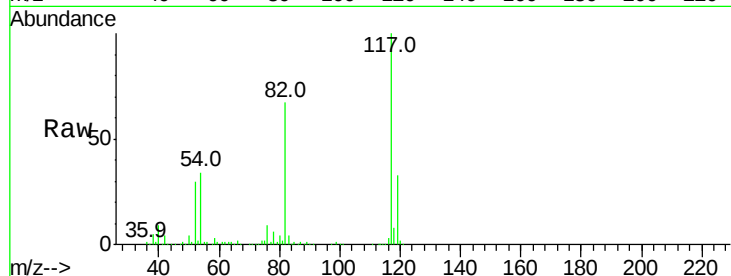
Abundance Ion 91.10 (90.80 to 91.80): VL0
 Ion 92.10 (91.80 to 92.80): VL0





#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.06 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId :
Acq: 23 Feb 2022 23:52

Tgt Ion: 117 Resp: 1785770
Ion Ratio Lower Upper
117 100
82 72.0 54.9 82.3
119 33.9 46.1 69.1#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.30 ppbv
RT: 14.38 min Scan# 3607
Delta R.T.: -0.00 min
Lab File: VL038421.D
Acq: 23 Feb 2022 23:52

Tgt Ion: 95 Resp: 1374020
Ion Ratio Lower Upper
95 100
174 62.0 49.0 73.4
175 4.4 3.6 5.4

