

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040722\
 Data File : VL038862.D
 Acq On : 8 Apr 2022 4:38
 Operator : SY/AP
 Sample : VIBLK
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VIBLK

Quant Time: Apr 11 05:19:33 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr 06 06:12:53 2022
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.70	49	1041254	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	7.20	114	2604655	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.11	117	2336595	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1833199	10.34	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.40%

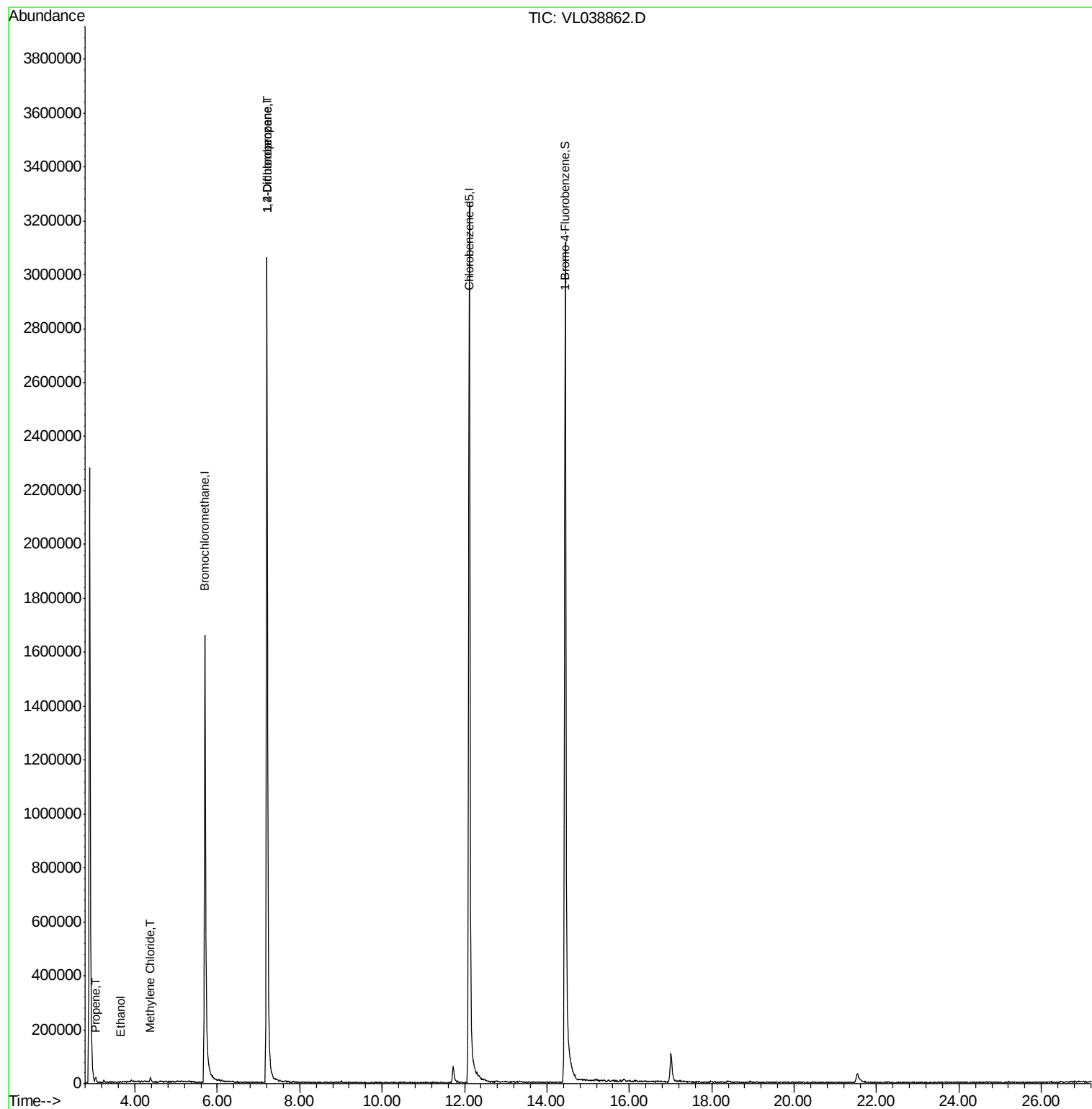
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.05	41	5924	0.088	ppbv	92
13) Ethanol	3.64	45	532	0.130	ppbv #	100
20) Methylene Chloride	4.37	84	2468	0.066	ppbv #	56
39) 1,2-Dichloropropane	7.20	63	683123	7.537	ppbv #	25

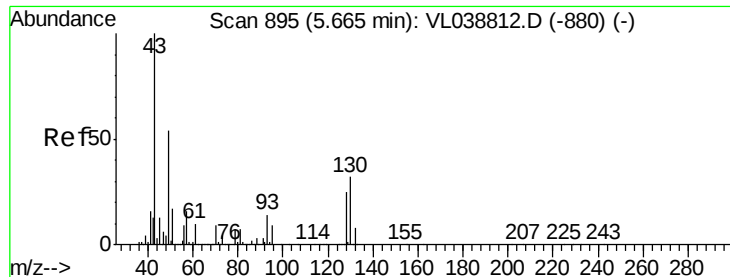
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.70 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 8 Apr 2022 4:38

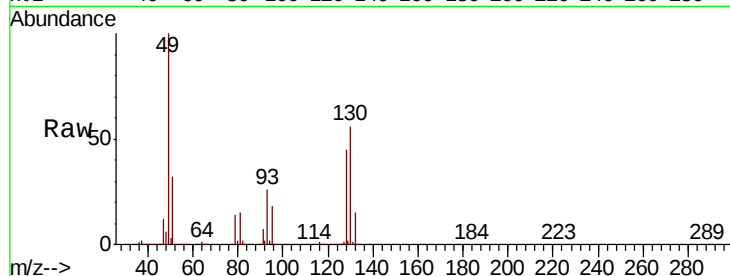
Tot Ion: 49 Resp: 1041254

Ion Ratio Lower Upper

49 100

128 47.7 24.1 72.3

130 61.3 30.9 92.8



Abundance Ion 49.10 (48.80 to 49.80): VL0

Ion 128.00 (127.70 to 128.70): V

Ion 130.00 (129.70 to 130.70): V

5.70

400000

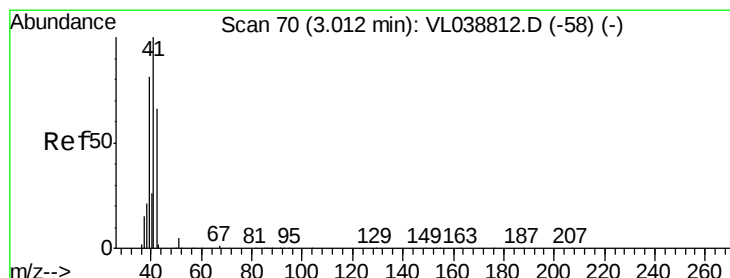
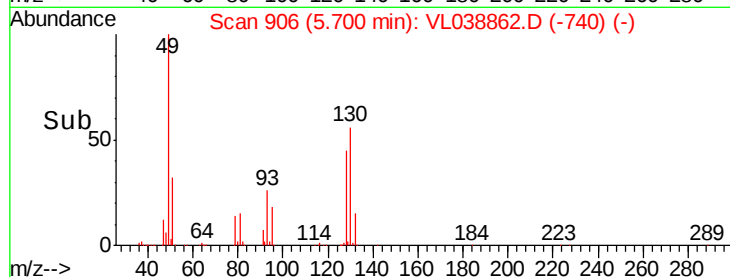
300000

200000

100000

0

Time-->



#9

Propene

Concen: 0.088 ppbv

RT: 3.05 min Scan# 82

Delta R.T. 0.04 min

Lab File: VL038862.D

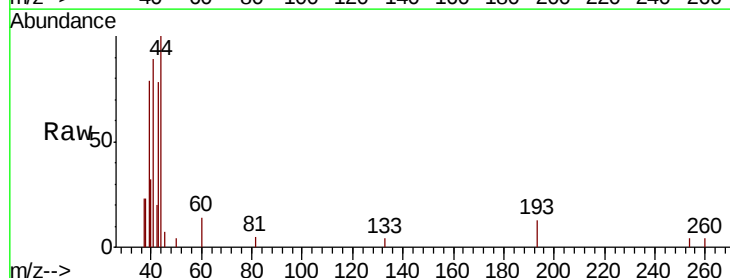
Acq: 8 Apr 2022 4:38

Tgt Ion: 41 Resp: 5924

Ion Ratio Lower Upper

41 100

42 61.0 54.2 81.4



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0

3.05

4000

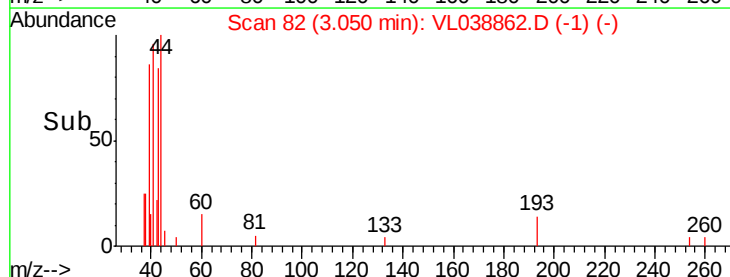
3000

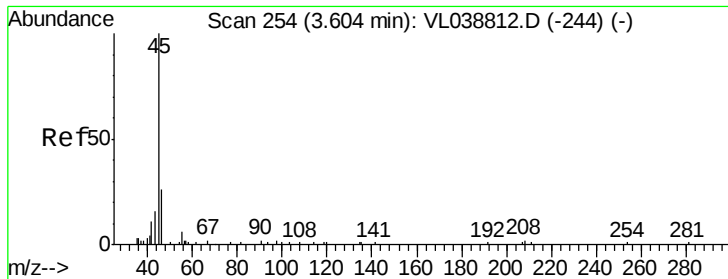
2000

1000

0

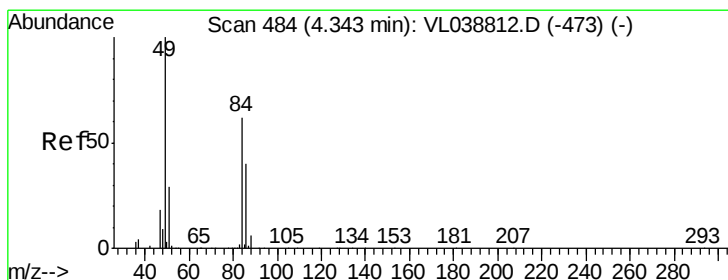
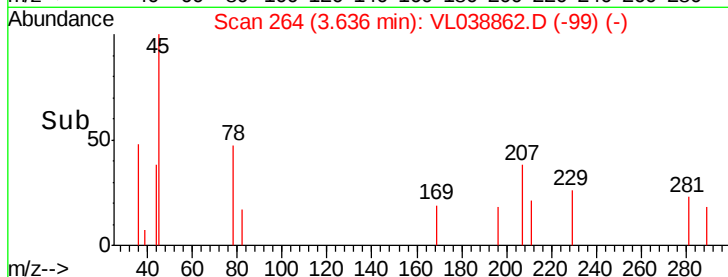
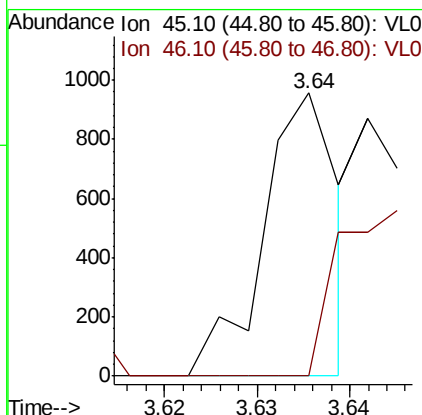
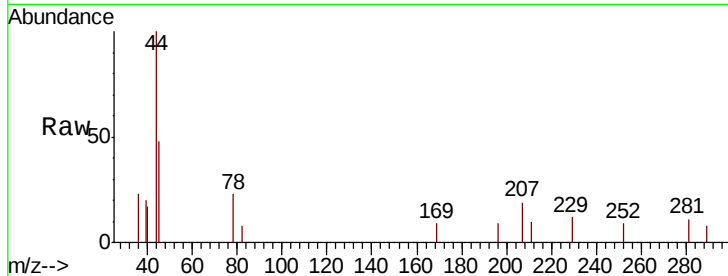
Time-->





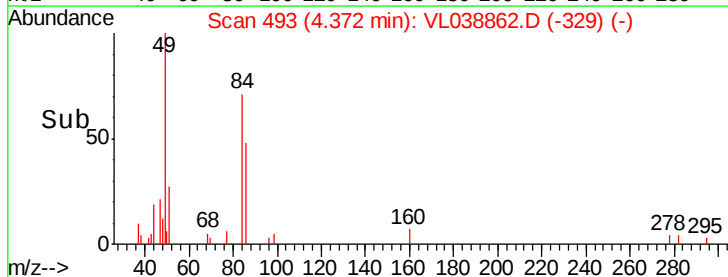
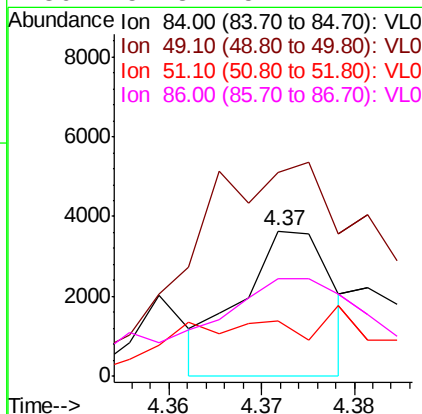
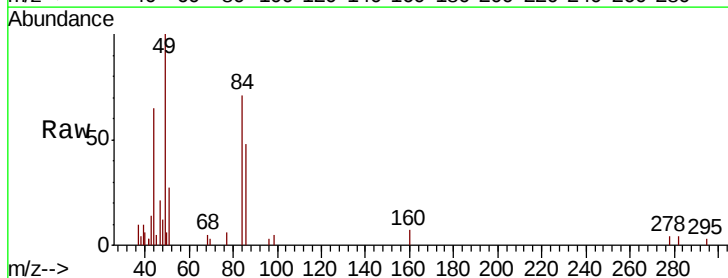
#13
 Ethanol
 Concen: 0.130 ppbv
 RT: 3.64
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId:
 Acq: 8 Apr 2022 4:38

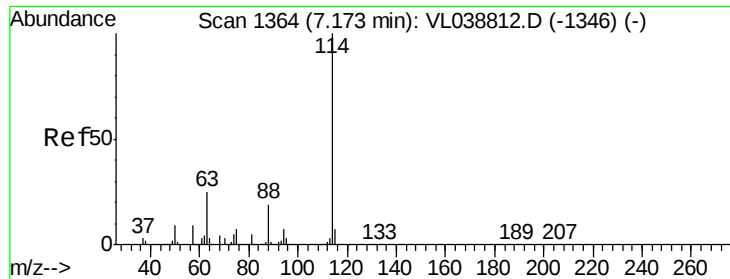
Tot Ion: 45 Resp: 532
 Ion Ratio Lower Upper
 45 100
 46 0.0 0.0 0.0



#20
 Methylene Chloride
 Concen: 0.066 ppbv
 RT: 4.37 min Scan# 493
 Delta R.T. 0.03 min
 Lab File: VL038862.D
 Acq: 8 Apr 2022 4:38

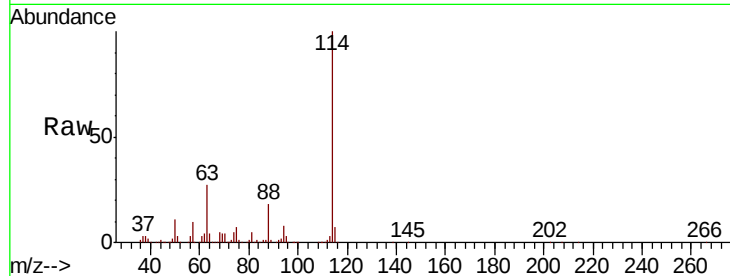
Tgt Ion: 84 Resp: 2468
 Ion Ratio Lower Upper
 84 100
 49 98.0 129.4 194.0#
 51 1.5 37.4 56.2#
 86 52.3 51.4 77.2



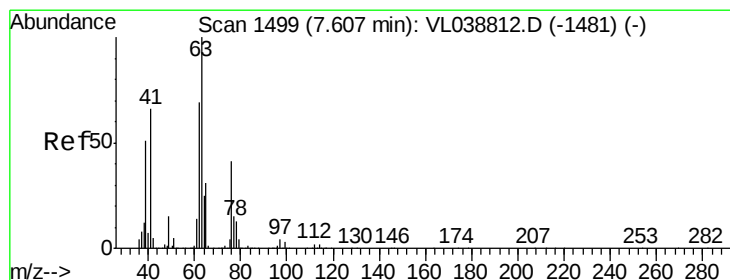
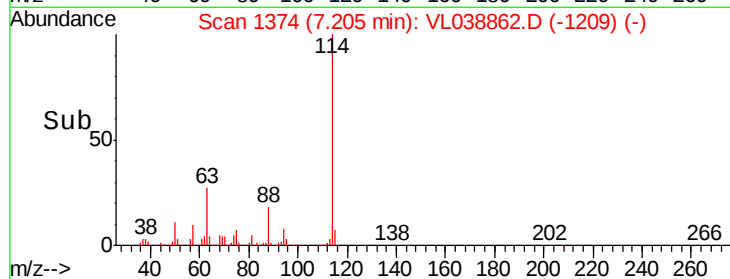
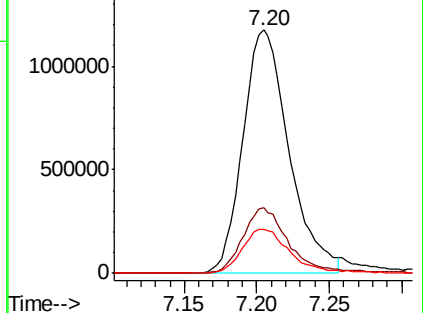


#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.20 min
 Delta R.T.: MSVOA_L
 Lab File: ClientSampleId :
 Acq: 8 Apr 2022 4:38

Tot Ion	114	Resp: 2604655	
Ion	Ratio	Lower	Upper
114	100		
63	27.5	19.8	29.8
88	19.3	14.2	21.4

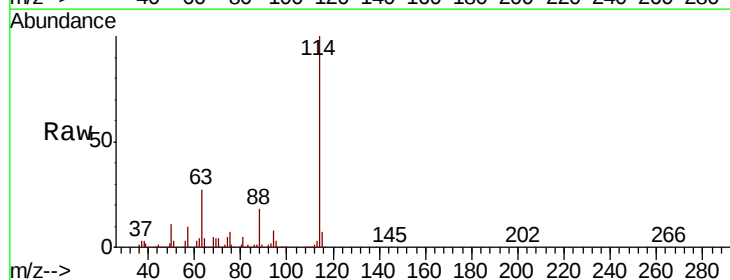


Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0

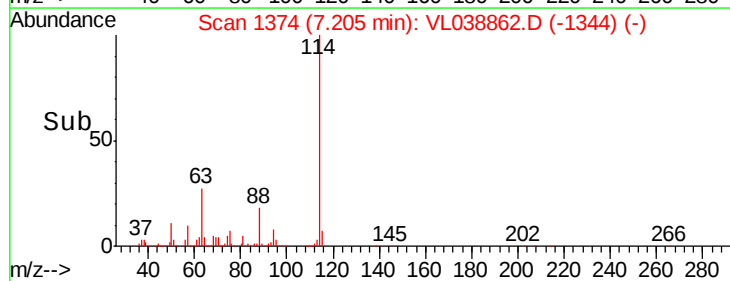
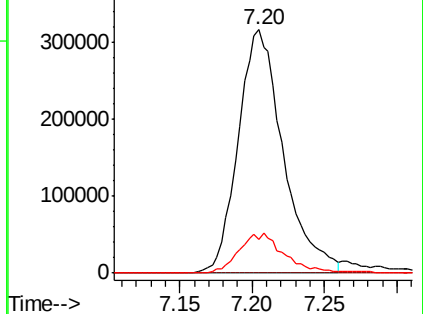


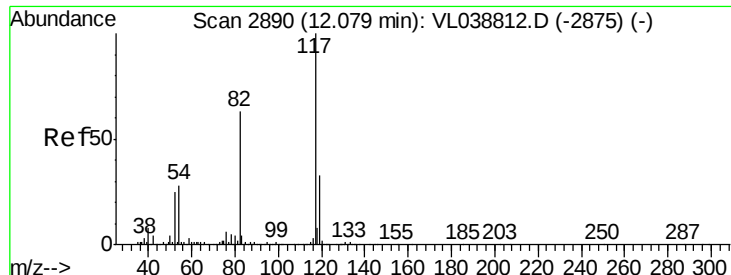
#39
 1,2-Dichloropropane
 Concen: 7.537 ppbv
 RT: 7.20 min Scan# 1374
 Delta R.T.: -0.40 min
 Lab File: VL038862.D
 Acq: 8 Apr 2022 4:38

Tgt	Ion: 63	Resp:	683123
Ion	Ratio	Lower	Upper
63	100		
41	0.0	53.0	79.6#
62	14.0	55.0	82.4#



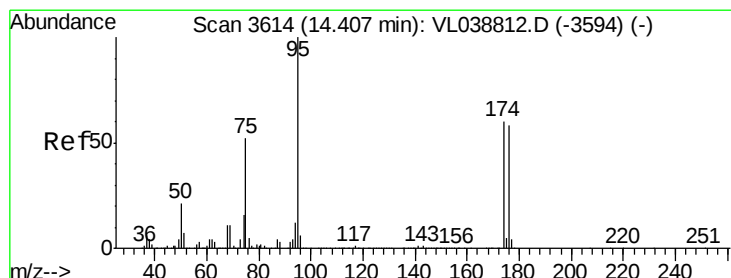
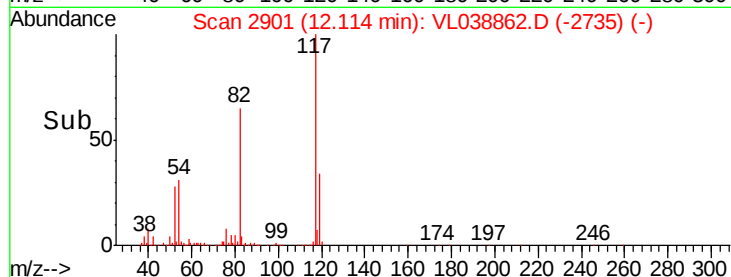
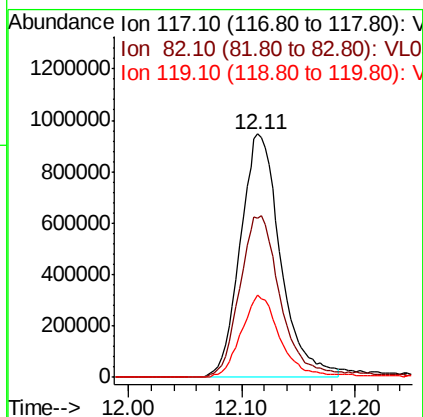
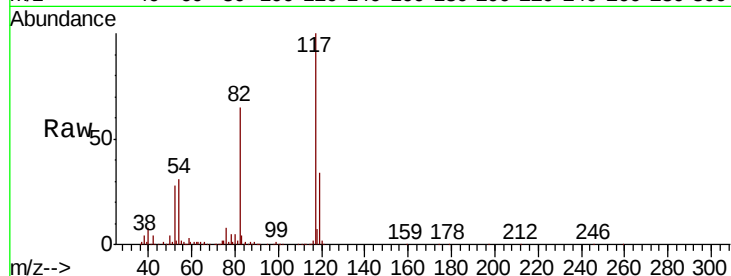
Abundance Ion 63.10 (62.80 to 63.80): VL0
 Ion 41.10 (40.80 to 41.80): VL0
 Ion 62.10 (61.80 to 62.80): VL0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.11 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 8 Apr 2022 4:38

Tot Ion:117 Resp: 2336595
Ion Ratio Lower Upper
117 100
82 70.5 53.0 79.6
119 34.3 24.9 37.3



#68
1-Bromo-4-Fluorobenzene
Concen: 10.343 ppbv
RT: 14.44 min Scan# 3625
Delta R.T.: 0.04 min
Lab File: VL038862.D
Acq: 8 Apr 2022 4:38

Tgt Ion: 95 Resp: 1833199
Ion Ratio Lower Upper
95 100
174 63.0 52.0 78.0
175 4.6 4.0 6.0

