

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL031722\
 Data File : VL038625.D
 Acq On : 17 Mar 2022 13:37
 Operator : SY/AP
 Sample : VL0317ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0317ABL01

Quant Time: Mar 18 03:30:22 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 08 21:18:44 2022
 QLast Update : Tue Mar 08 21:18:44 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	862827	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2143916	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	1792904	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1252954	9.19	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.90%

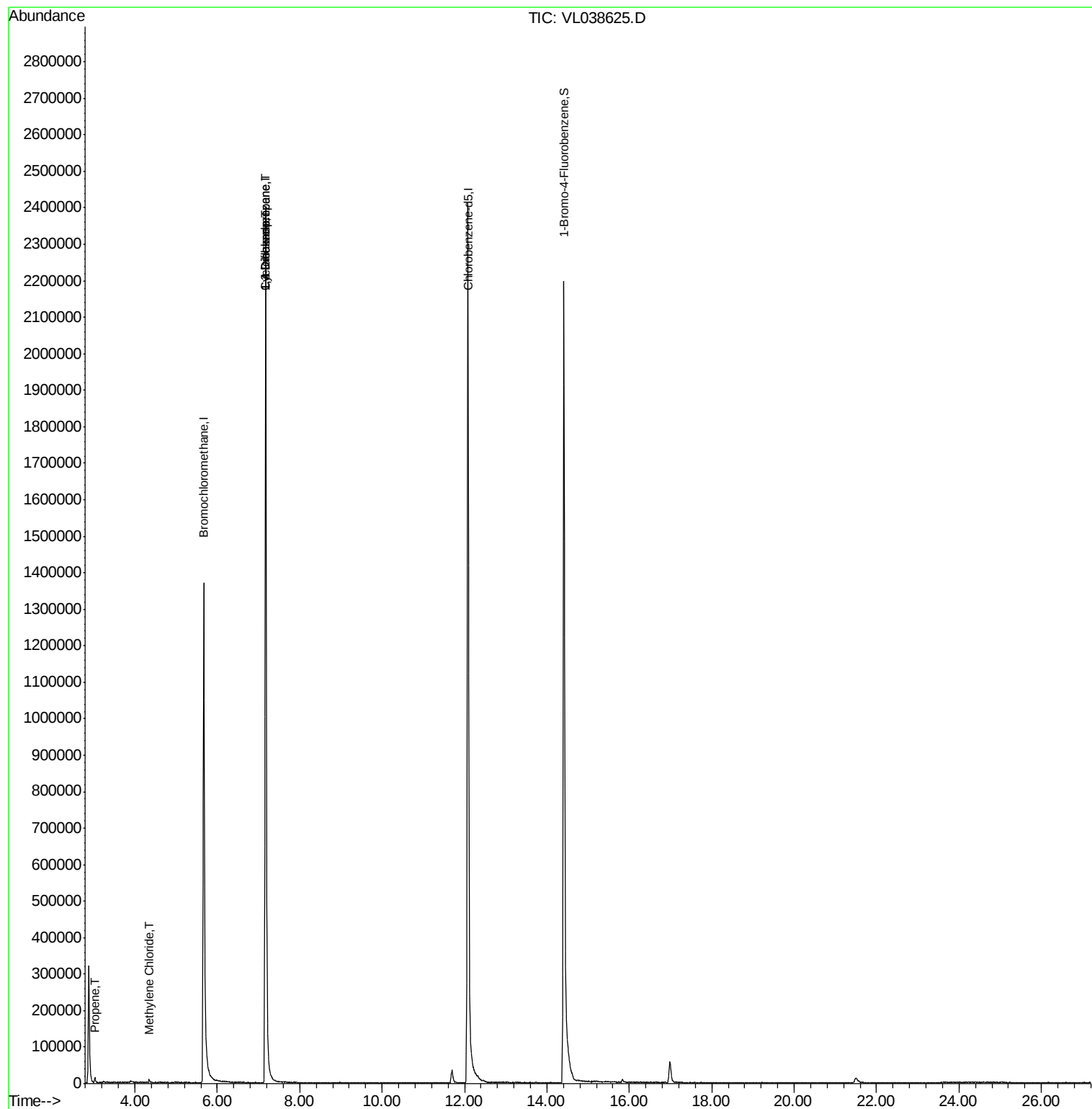
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.03	41	4812	0.09	ppbv #	82
20) Methylene Chloride	4.35	84	1726	0.05	ppbv #	78
30) Cyclohexane	7.16	84	3484	0.04	ppbv #	1
39) 1,2-Dichloropropane	7.17	63	496667	6.68	ppbv #	27

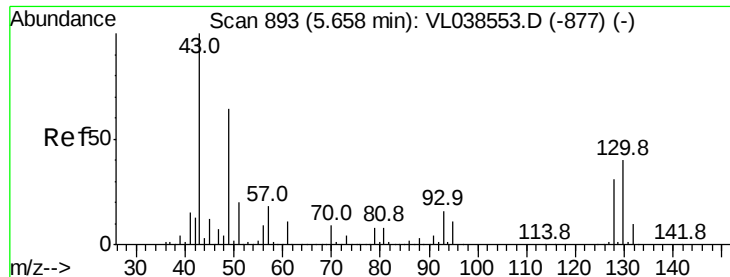
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL031722\
Data File : VL038625.D
Acq On : 17 Mar 2022 13:37
Operator : SY/AP
Sample : VL0317ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL0317ABL01

Quant Time: Mar 18 03:30:22 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL030822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 08 21:18:44 2022
QLast Update : Tue Mar 08 21:18:44 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 17 Mar 2022 13:37 VL0317ABL01

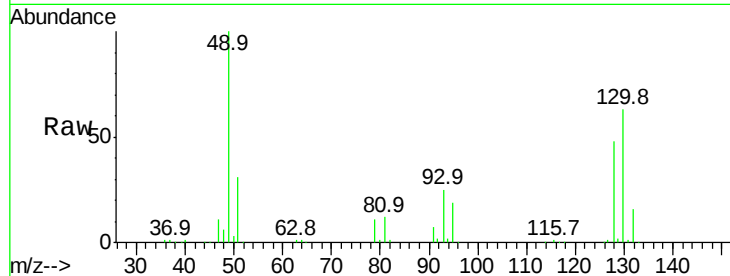
Tgt Ion: 49 Resp: 862827

Ion Ratio Lower Upper

49 100

128 52.0 26.4 79.2

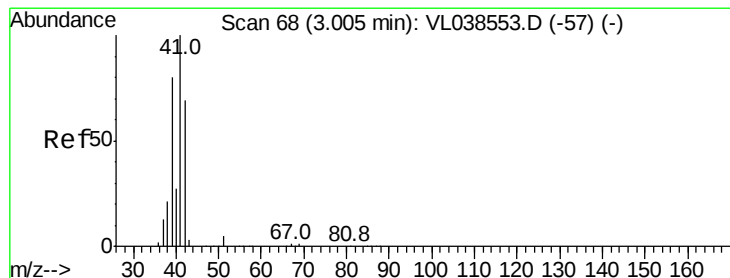
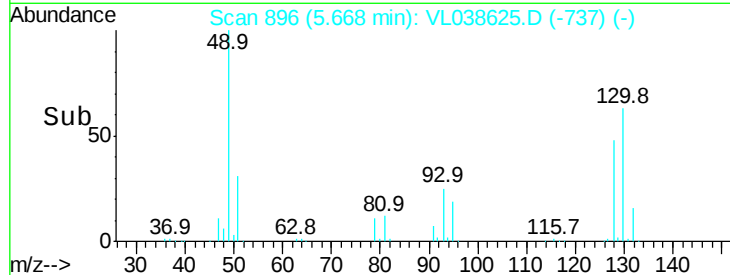
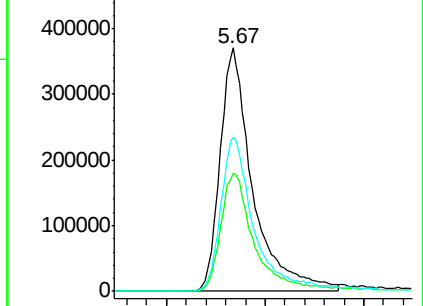
130 66.7 33.0 98.9



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



#9

Propene

Concen: 0.09 ppbv

RT: 3.03 min Scan# 75

Delta R.T. 0.02 min

Lab File: VL038625.D

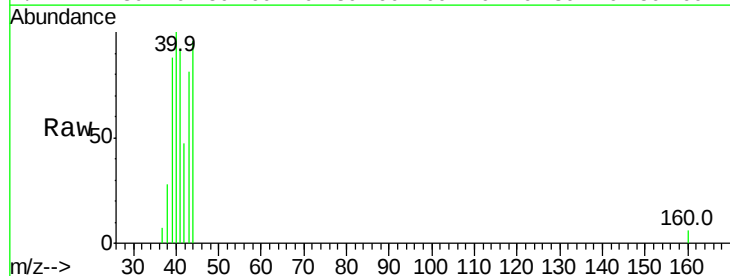
Acq: 17 Mar 2022 13:37

Tgt Ion: 41 Resp: 4812

Ion Ratio Lower Upper

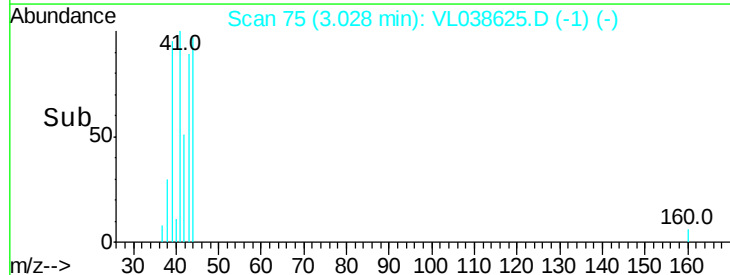
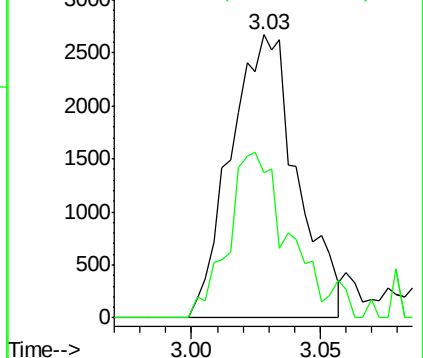
41 100

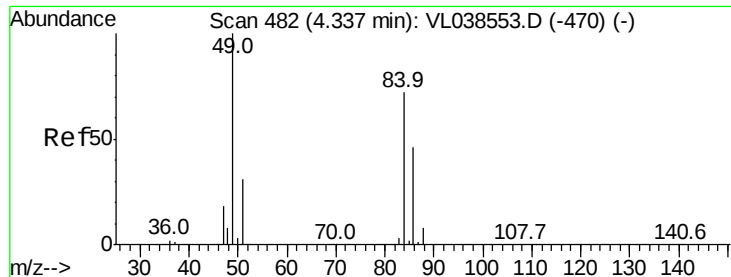
42 55.1 55.7 83.5#



Abundance Ion 41.10 (40.80 to 41.80): VL0

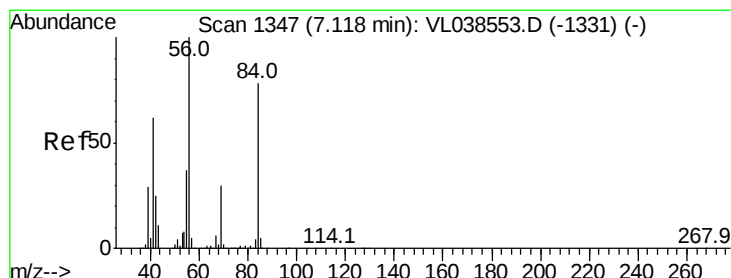
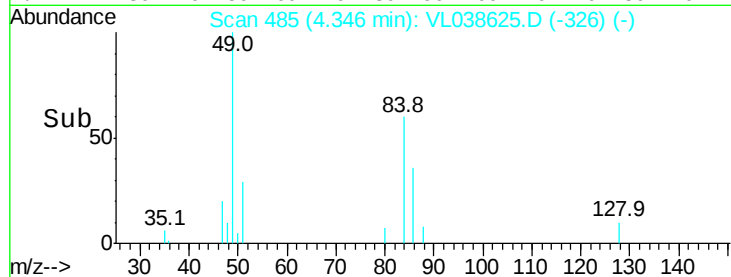
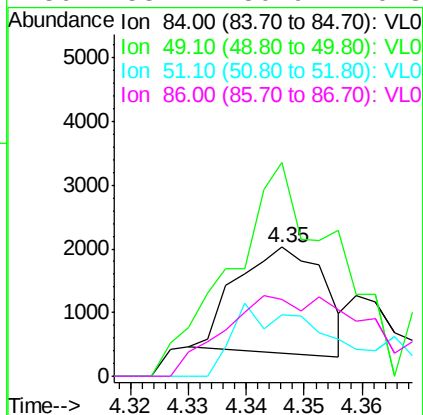
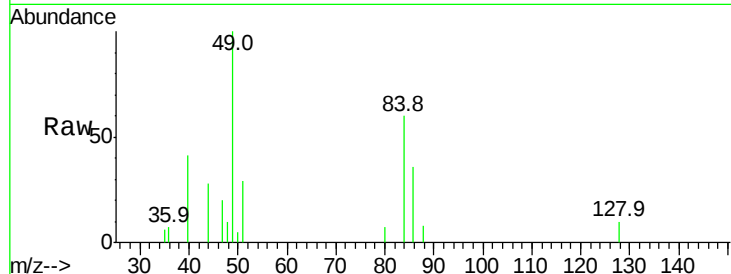
Ion 42.10 (41.80 to 42.80): VL0





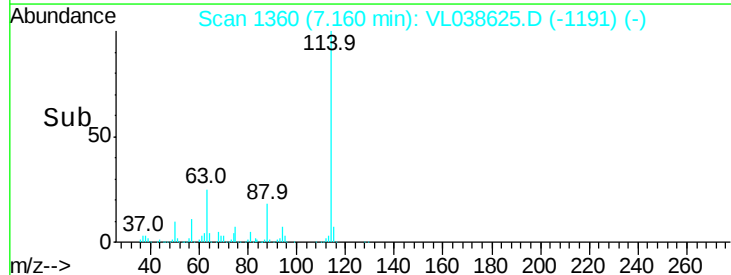
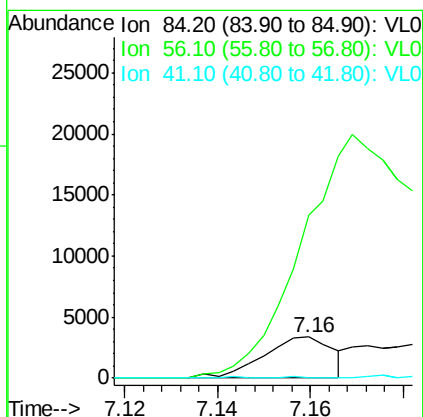
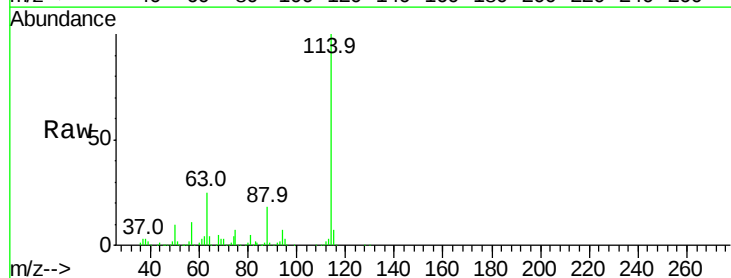
#20
Methylene Chloride
Concen: 0.05 ppbv
RT: 4.35
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0317ABL01
Acq: 17 Mar 2022 13:37

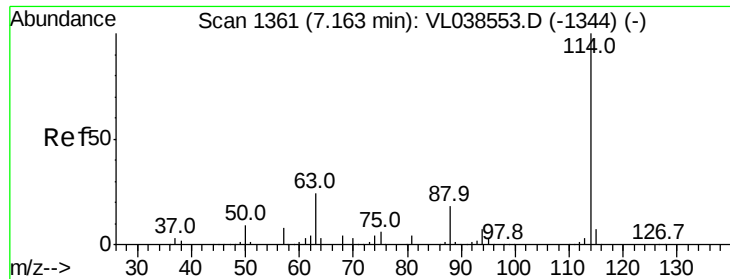
Tgt Ion: 84 Resp: 1726
Ion Ratio Lower Upper
84 100
49 166.6 111.1 166.7
51 62.3 34.0 51.0#
86 53.2 50.9 76.3



#30
Cyclohexane
Concen: 0.04 ppbv
RT: 7.16 min Scan# 1360
Delta R.T. 0.04 min
Lab File: VL038625.D
Acq: 17 Mar 2022 13:37

Tgt Ion: 84 Resp: 3484
Ion Ratio Lower Upper
84 100
56 0.0 111.4 167.0#
41 0.0 65.5 98.3#

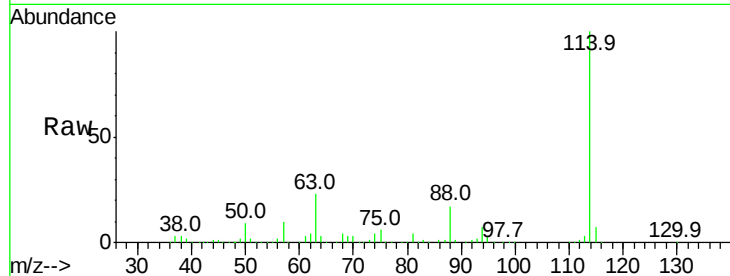




#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.17 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 VL0317ABL01
 Acq: 17 Mar 2022 13:37

Tgt Ion: 114 Resp: 2143916

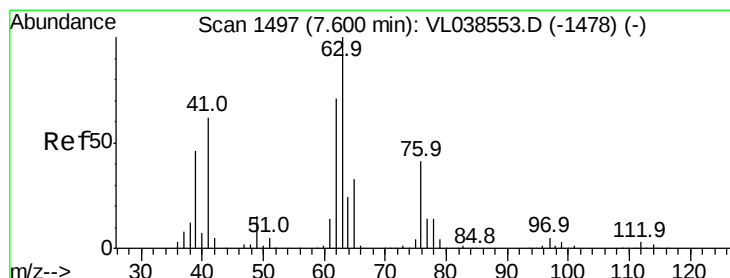
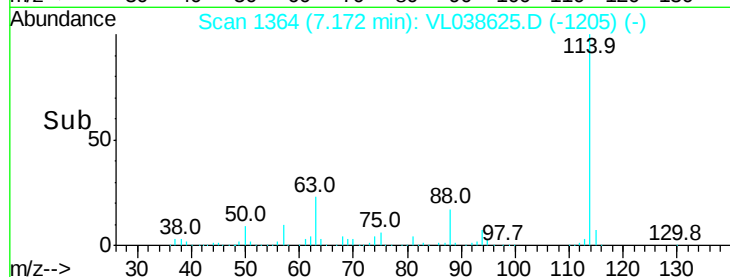
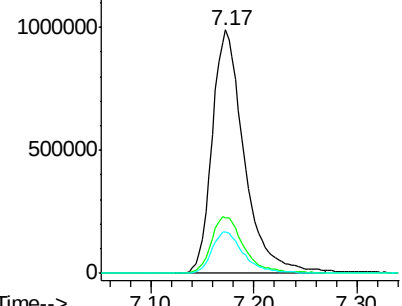
Ion	Ratio	Lower	Upper
114	100		
63	24.0	19.6	29.4
88	17.3	13.9	20.9



Abundance Ion 114.10 (113.80 to 114.80): VL0

Ion 63.10 (62.80 to 63.80): VL0

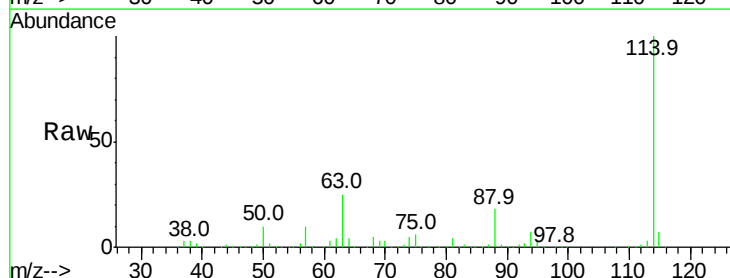
Ion 88.10 (87.80 to 88.80): VL0



#39
 1,2-Dichloropropane
 Concen: 6.68 ppbv
 RT: 7.17 min Scan# 1363
 Delta R.T. -0.43 min
 Lab File: VL038625.D
 Acq: 17 Mar 2022 13:37

Tgt Ion: 63 Resp: 496667

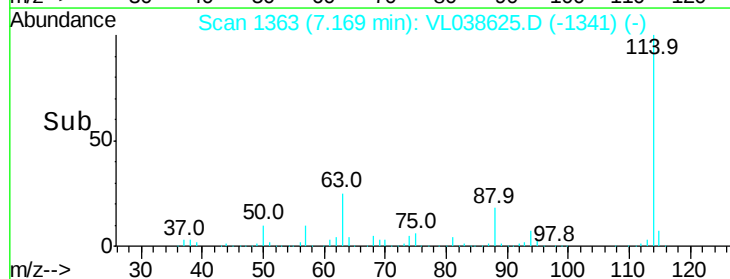
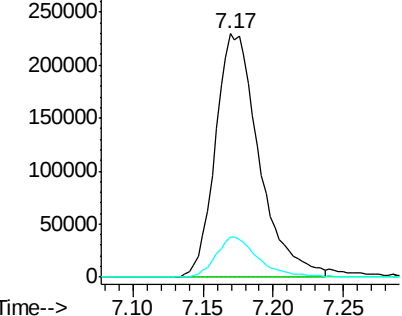
Ion	Ratio	Lower	Upper
63	100		
41	0.0	49.8	74.6#
62	16.1	56.7	85.1#

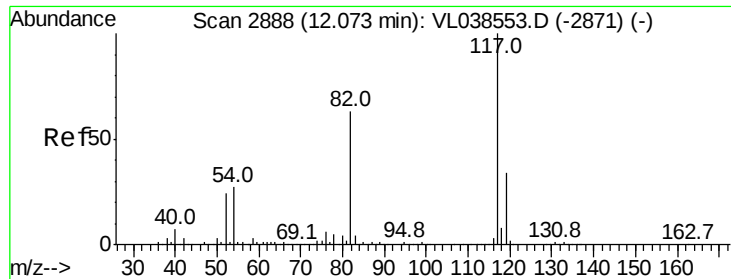


Abundance Ion 63.10 (62.80 to 63.80): VL0

Ion 41.10 (40.80 to 41.80): VL0

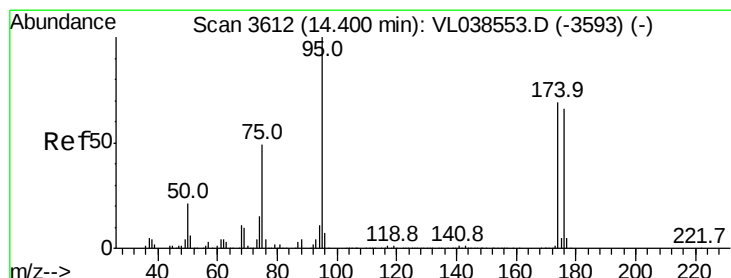
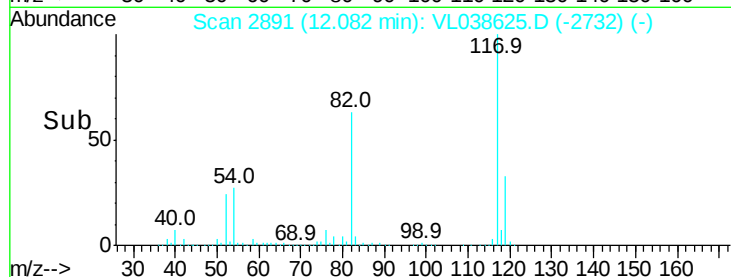
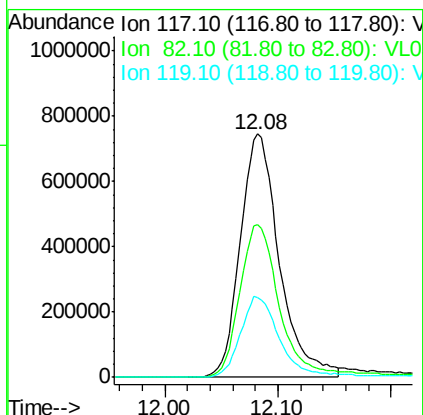
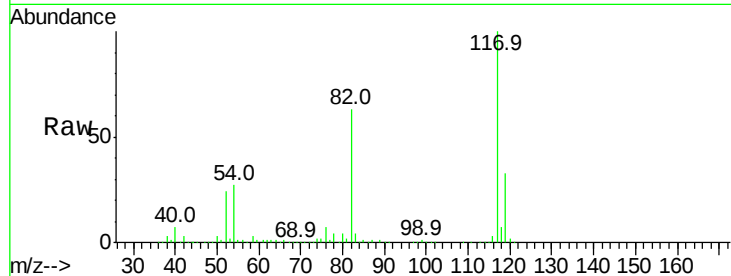
Ion 62.10 (61.80 to 62.80): VL0





#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.08 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0317ABL01
Acq: 17 Mar 2022 13:37

Tgt Ion: 117 Resp: 1792904
Ion Ratio Lower Upper
117 100
82 68.0 52.5 78.7
119 34.9 46.4 69.6#



#68
1-Bromo-4-Fluorobenzene
Concen: 9.19 ppbv
RT: 14.41 min Scan# 3616
Delta R.T.: 0.01 min
Lab File: VL038625.D
Acq: 17 Mar 2022 13:37

Tgt Ion: 95 Resp: 1252954
Ion Ratio Lower Upper
95 100
174 73.7 56.2 84.4
175 5.2 4.2 6.2

