

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL030122\
 Data File : VL038462.D
 Acq On : 1 Mar 2022 22:22
 Operator : SY/AP
 Sample : CAN 10467
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CAN 10467

Quant Time: Mar 02 03:07:55 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-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	5.67	49	844154	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.18	114	1888172	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.09	117	1613280	10.00	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1264601	9.47	ppbv	0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.70%

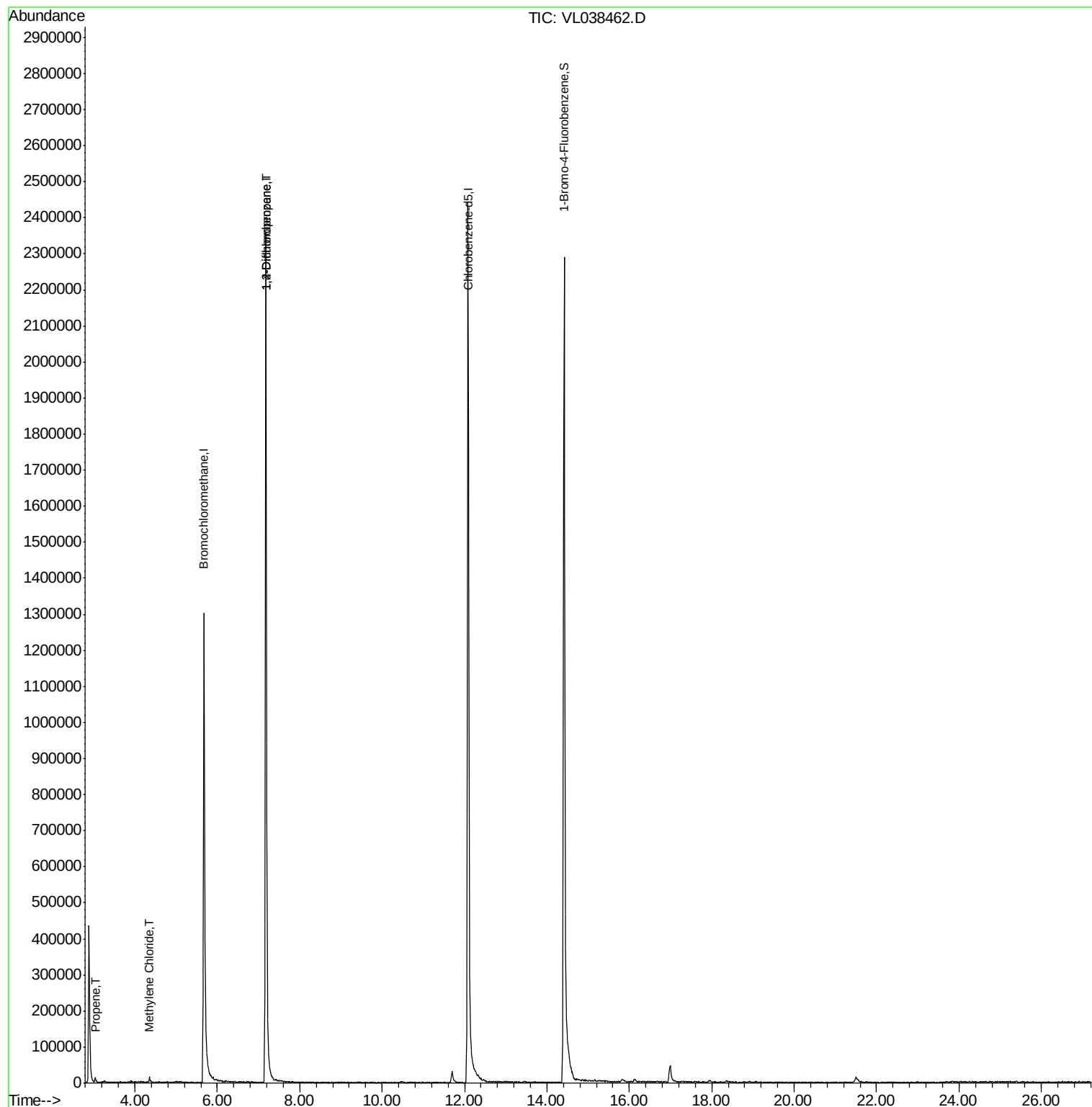
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Propene	3.03	41	4387	0.09	ppbv	95
20) Methylene Chloride	4.36	84	2452	0.07	ppbv #	56
39) 1,2-Dichloropropane	7.18	63	534052	8.07	ppbv #	25

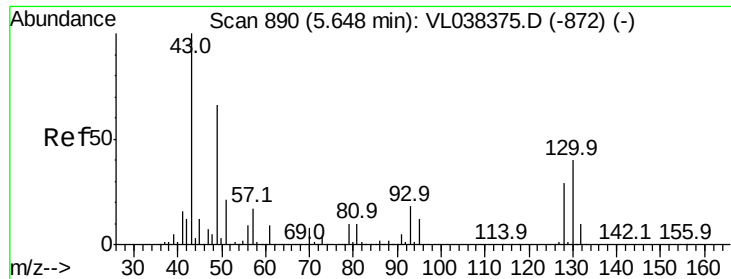
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67 Instrument:

Delta R.T. MSVOA_1

Lab File: ClientSampleId:

Acq: 1 Mar 2022 22:22

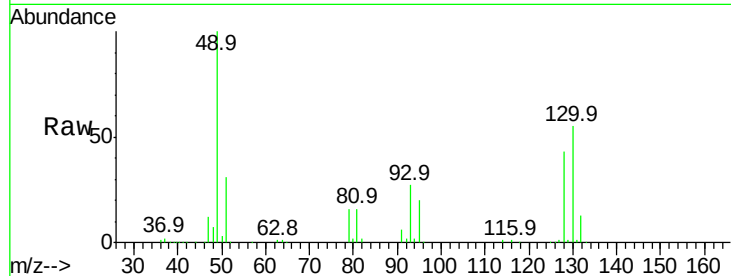
Tgt Ion: 49 Resp: 844154

Ion Ratio Lower Upper

49 100

128 44.7 24.3 72.9

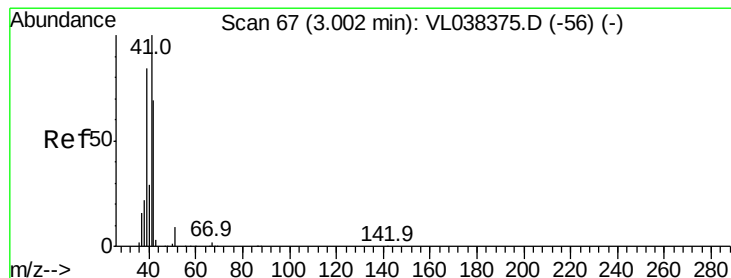
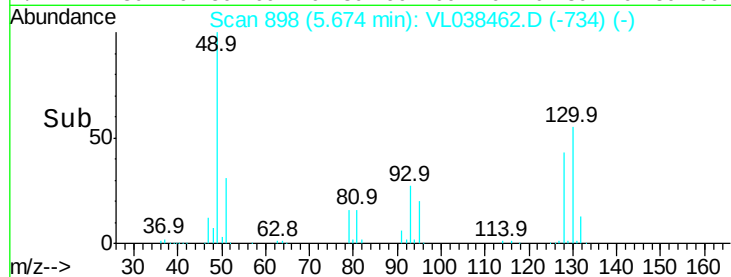
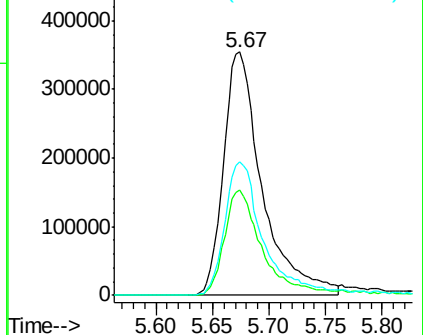
130 56.7 30.1 90.5



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



#9

Propene

Concen: 0.09 ppbv

RT: 3.03 min Scan# 77

Delta R.T. 0.03 min

Lab File: VL038462.D

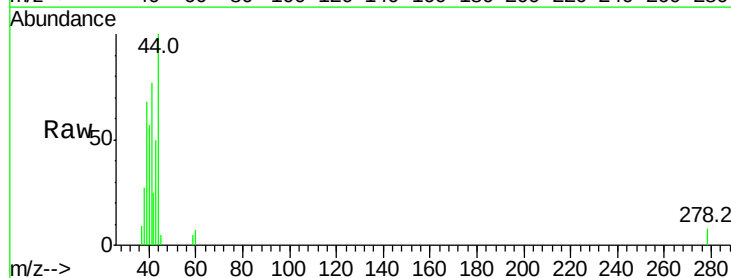
Acq: 1 Mar 2022 22:22

Tgt Ion: 41 Resp: 4387

Ion Ratio Lower Upper

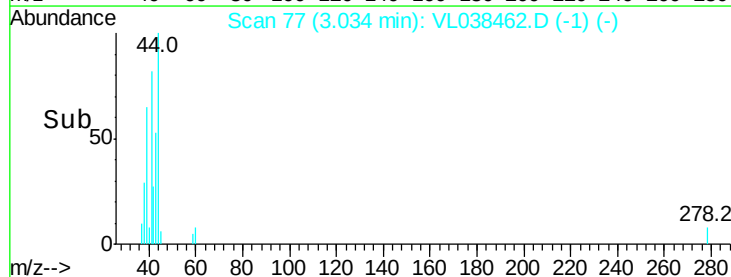
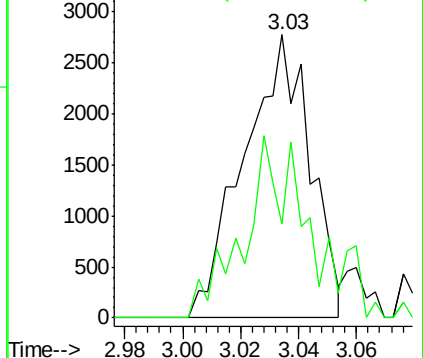
41 100

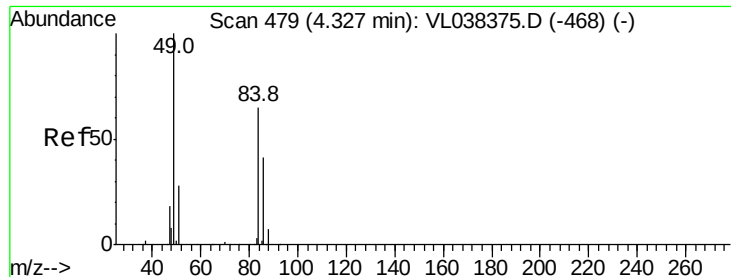
42 64.0 54.6 82.0



Abundance Ion 41.10 (40.80 to 41.80): VL0

Ion 42.10 (41.80 to 42.80): VL0





#20

Methylene Chloride

Concen: 0.07 ppbv

RT: 4.36

Instrument: MSVOA_1

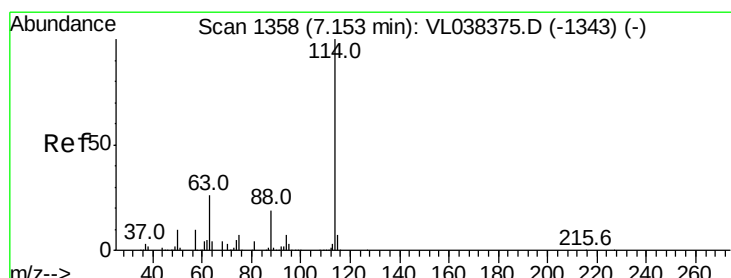
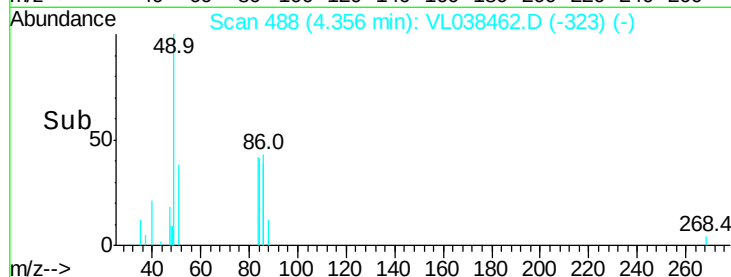
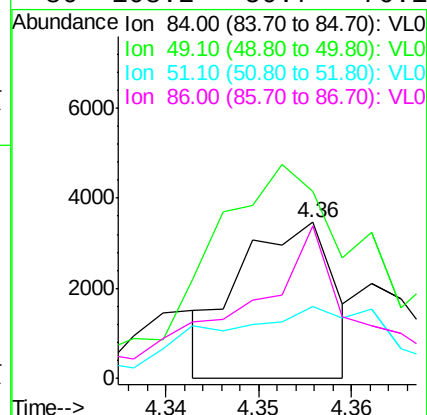
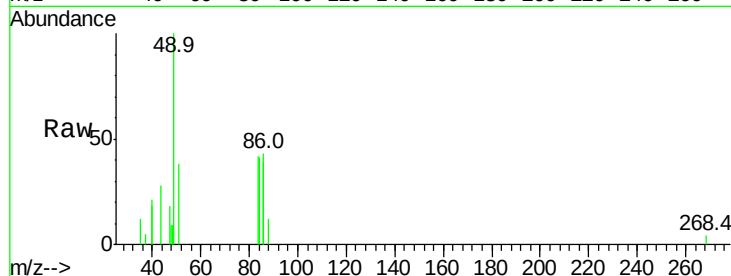
Delta R.T.

Lab File: ClientSampleId: CAN 10467

Acq: 1 Mar 2022 22:22

Tgt Ion: 84 Resp: 2452

Ion	Ratio	Lower	Upper
84	100		
49	99.7	122.4	183.6#
51	22.0	33.3	49.9#
86	108.2	50.7	76.1#



#33

1,4-Difluorobenzene

Concen: 10.00 ppbv

RT: 7.18 min Scan# 1366

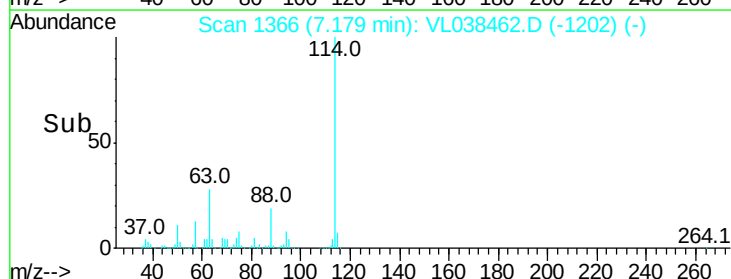
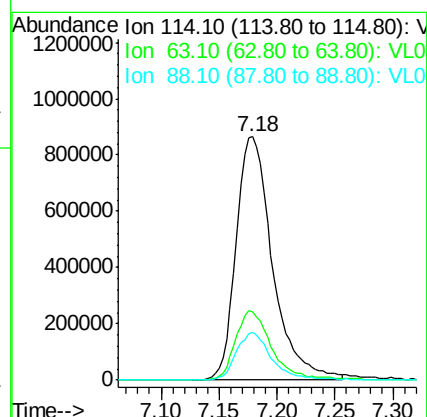
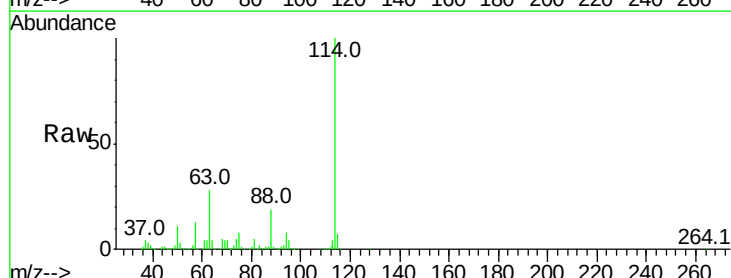
Delta R.T. 0.03 min

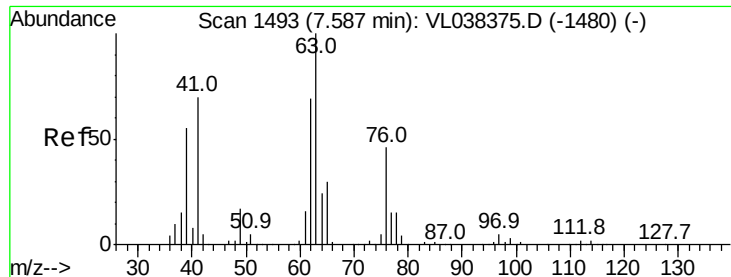
Lab File: VL038462.D

Acq: 1 Mar 2022 22:22

Tgt Ion: 114 Resp: 1888172

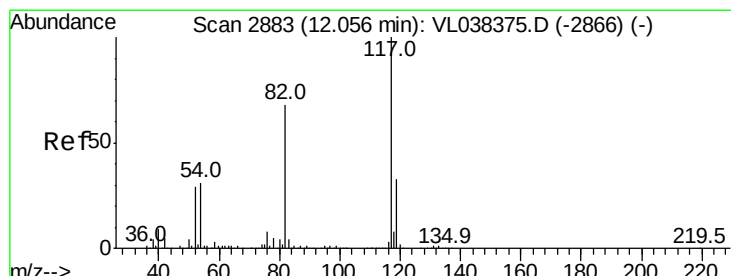
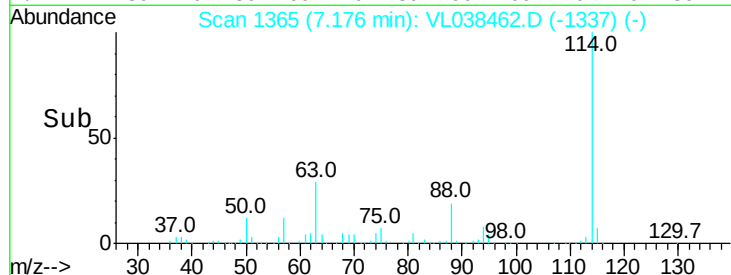
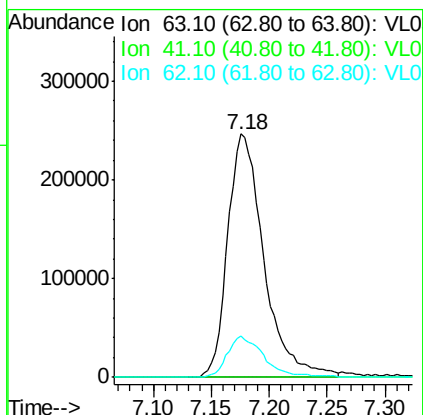
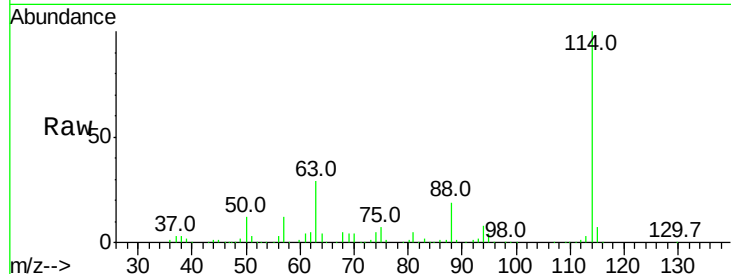
Ion	Ratio	Lower	Upper
114	100		
63	28.7	22.2	33.2
88	19.1	15.2	22.8





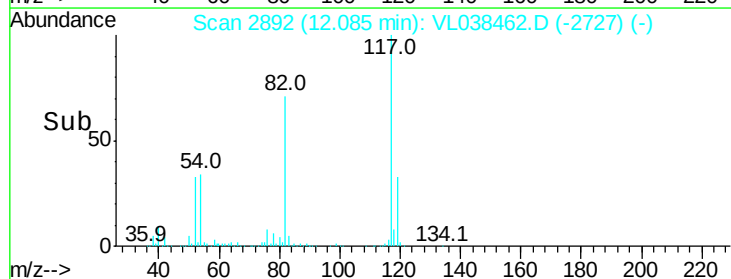
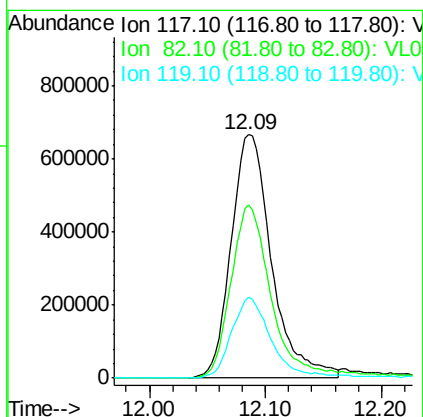
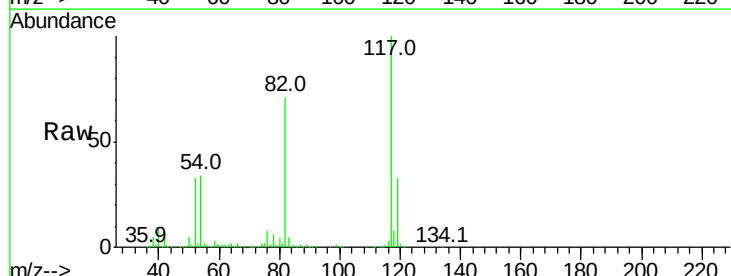
#39
 1,2-Dichloropropane
 Concen: 8.07 ppbv
 RT: 7.18
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 1 Mar 2022 22:22

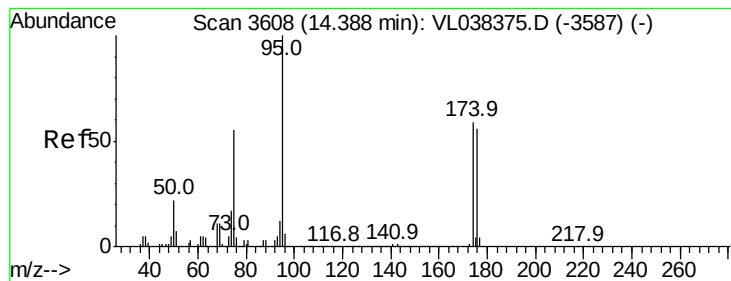
Tgt Ion	Ratio	Lower	Upper
63	100		
41	0.0	56.1	84.1#
62	16.8	55.5	83.3#



#55
 Chlorobenzene-d5
 Concen: 10.00 ppbv
 RT: 12.09 min Scan# 2892
 Delta R.T. 0.03 min
 Lab File: VL038462.D
 Acq: 1 Mar 2022 22:22

Tgt Ion	Ratio	Lower	Upper
117	100		
82	73.8	54.9	82.3
119	33.8	46.1	69.1#





#68

1-Bromo-4-Fluorobenzene

Concen: 9.47 ppbv

RT: 14.42 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 1 Mar 2022 22.22

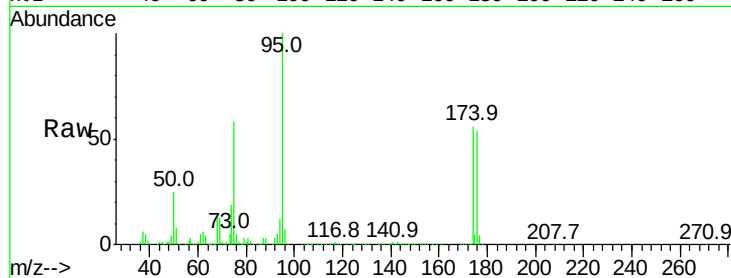
Tgt Ion: 95 Resp: 1264601

Ion Ratio Lower Upper

95 100

174 61.1 49.0 73.4

175 4.4 3.6 5.4



Abundance Ion 95.10 (94.80 to 95.80): VL0

Ion 174.00 (173.70 to 174.70): V

Ion 175.00 (174.70 to 175.70): V

