

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040522\
 Data File : VL038825.D
 Acq On : 6 Apr 2022 9:04
 Operator : SY/AP
 Sample : OC040522 CAN10315
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Apr 07 03:10:17 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	5.68	49	1375660	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	3747759	10.00	ppbv	0.01
55) Chlorobenzene-d5	12.09	117	3280045	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2546841	10.24	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

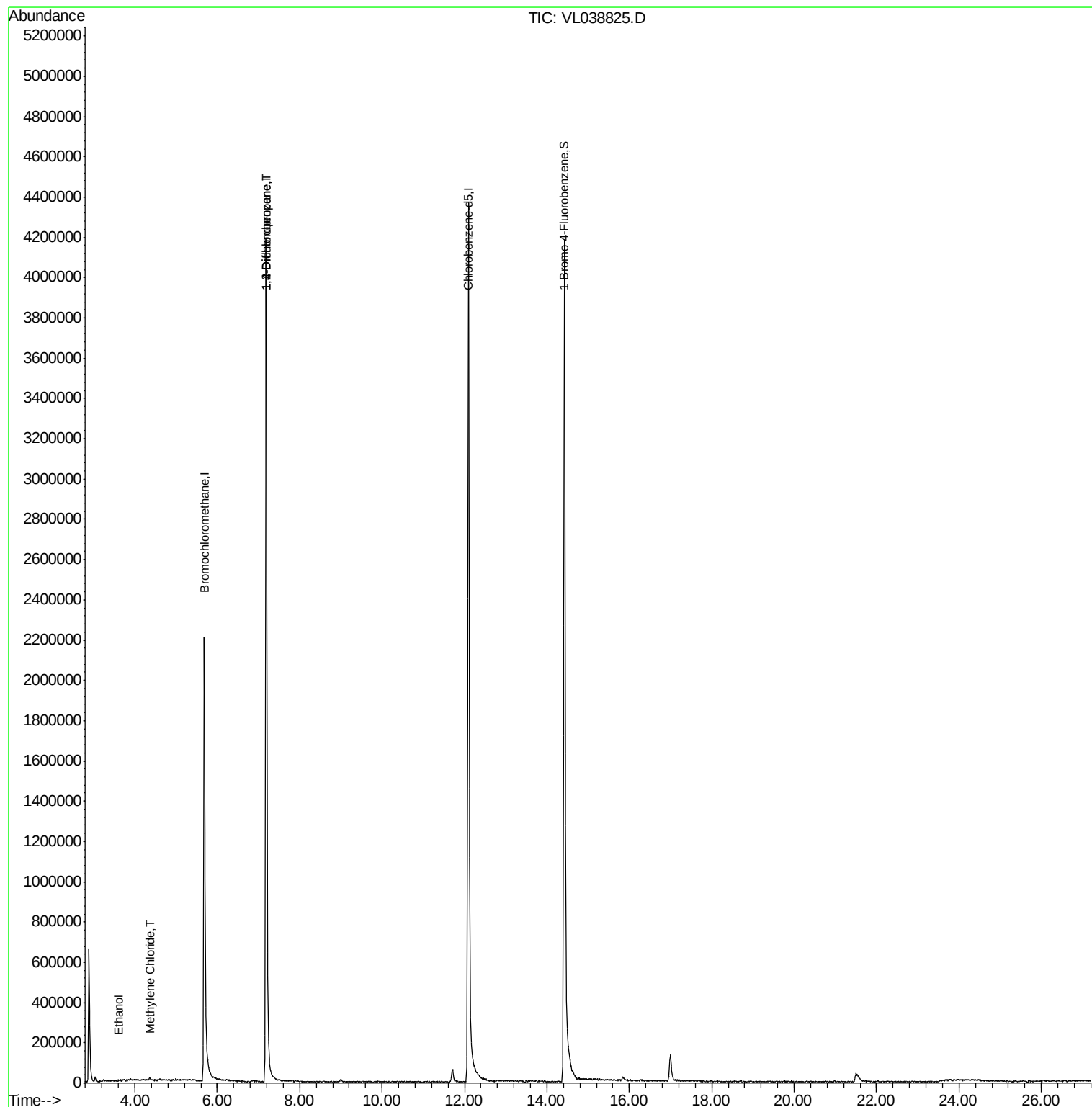
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.61	45	333	0.062	ppbv #	100
20) Methylene Chloride	4.35	84	1660	0.033	ppbv #	68
39) 1,2-Dichloropropane	7.19	63	917457	7.035	ppbv #	26

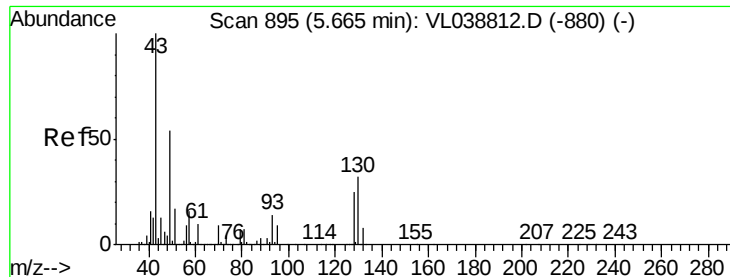
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 6 Apr 2022 9:04

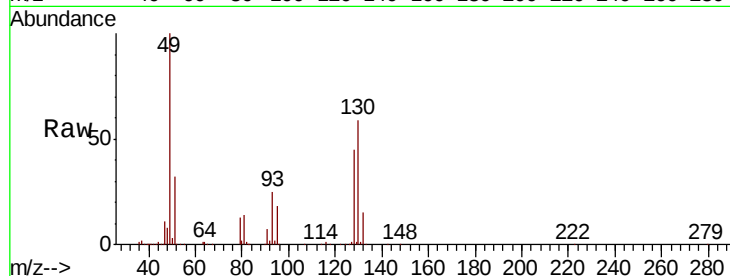
Tot Ion: 49 Resp: 1375660

Ion Ratio Lower Upper

49 100

128 50.1 24.1 72.3

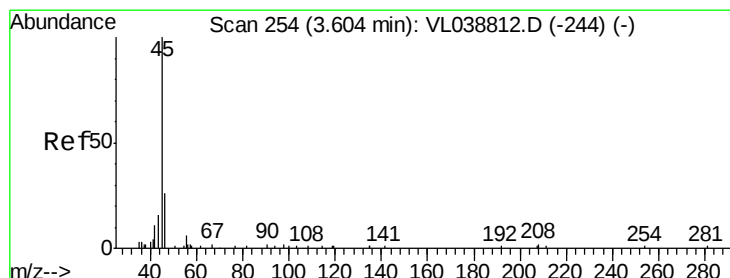
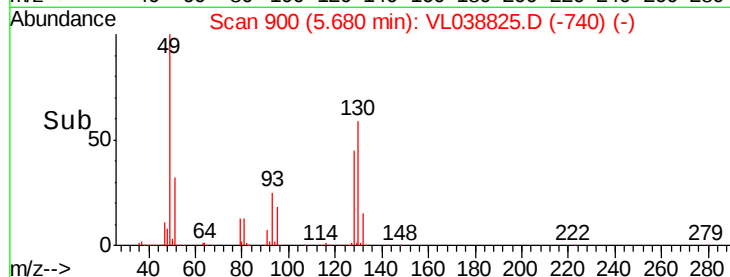
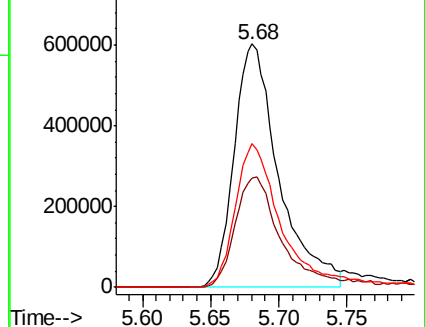
130 63.3 30.9 92.8



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



#13

Ethanol

Concen: 0.062 ppbv

RT: 3.61 min Scan# 257

Delta R.T. 0.01 min

Lab File: VL038825.D

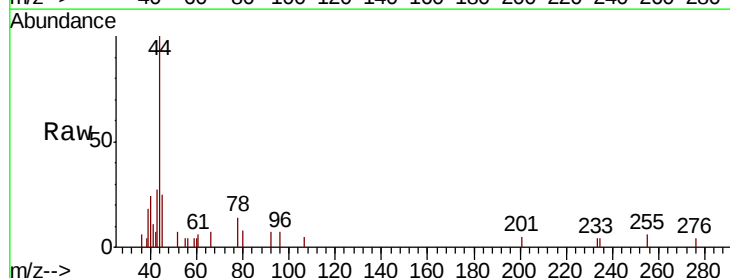
Acq: 6 Apr 2022 9:04

Tgt Ion: 45 Resp: 333

Ion Ratio Lower Upper

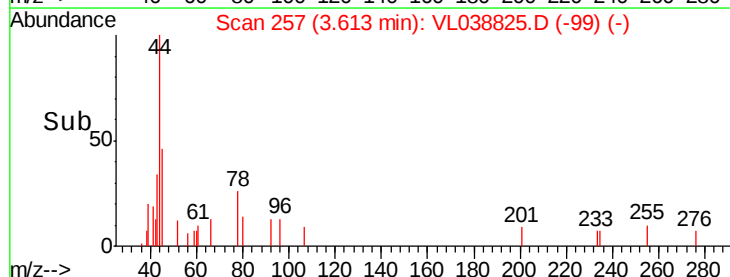
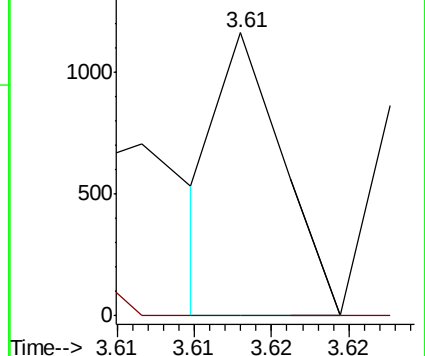
45 100

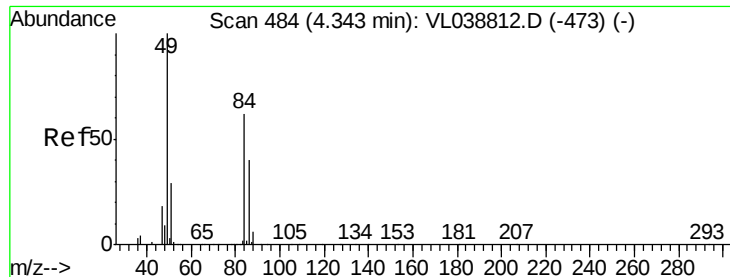
46 0.0 0.0 0.0



Abundance Ion 45.10 (44.80 to 45.80): VL0

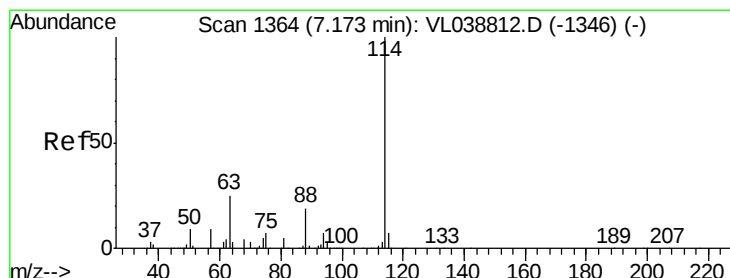
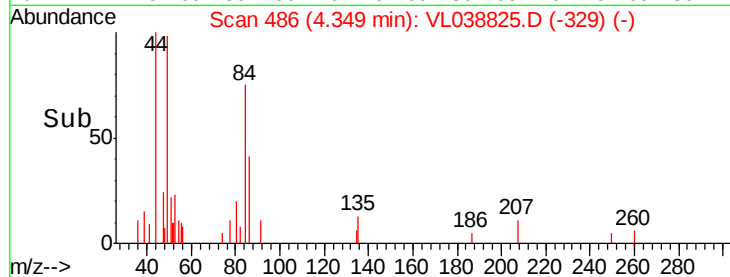
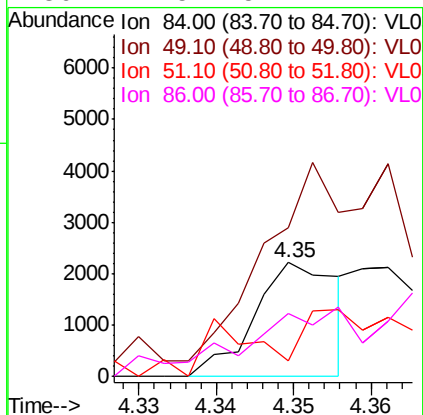
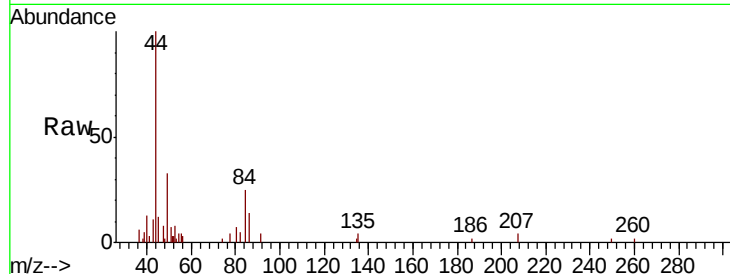
Ion 46.10 (45.80 to 46.80): VL0





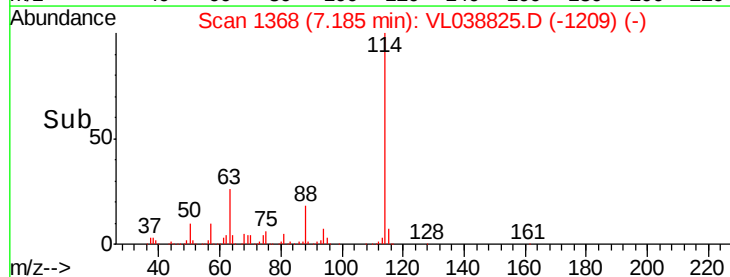
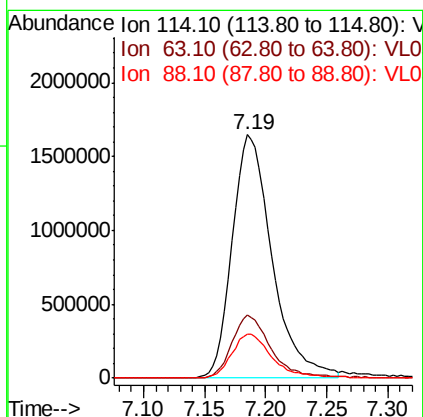
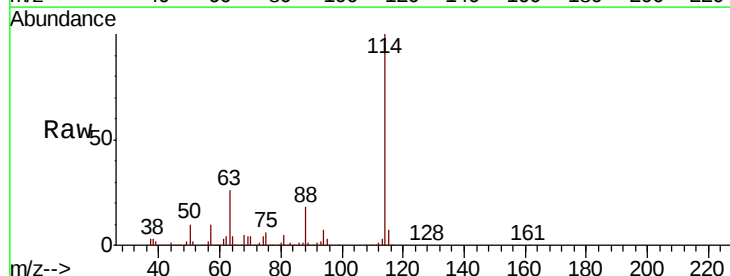
#20
Methylene Chloride
Concen: 0.033 ppbv
RT: 4.35 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 6 Apr 2022 9:04

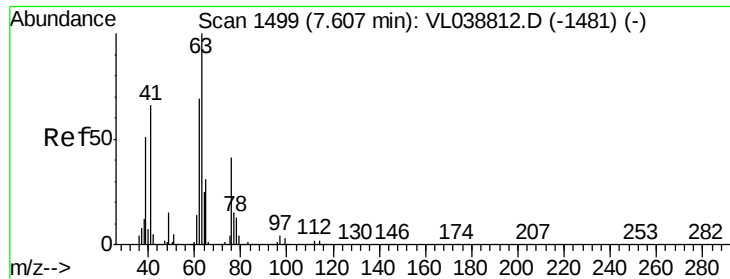
Tot Ion: 84 Resp: 1660
Ion Ratio Lower Upper
84 100
49 117.3 129.4 194.0#
51 26.1 37.4 56.2#
86 42.5 51.4 77.2#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.19 min Scan# 1368
Delta R.T.: 0.01 min
Lab File: VL038825.D
Acq: 6 Apr 2022 9:04

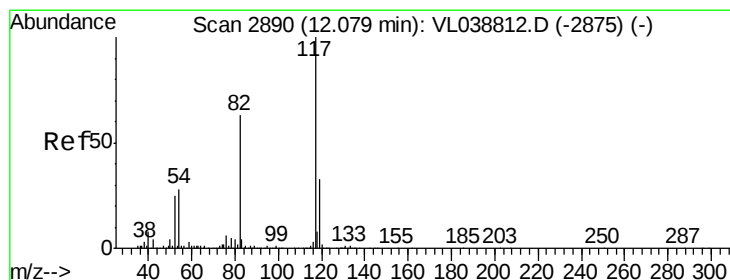
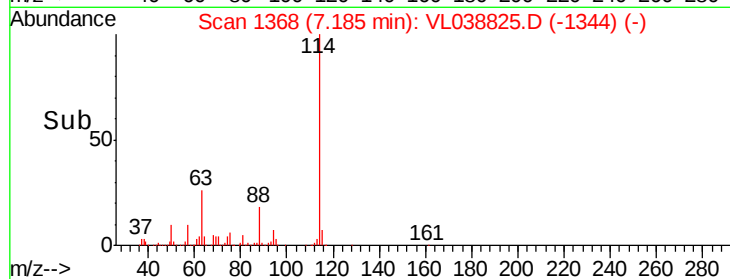
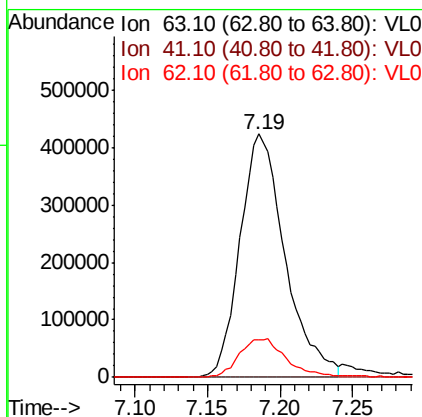
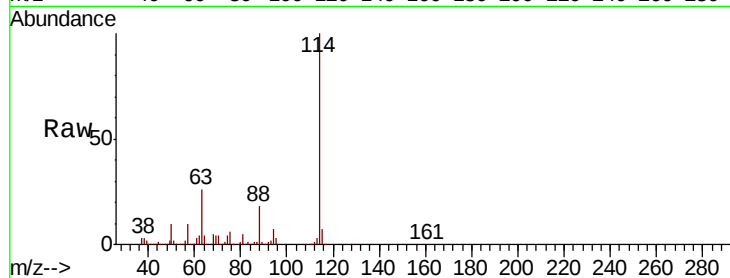
Tgt Ion: 114 Resp: 3747759
Ion Ratio Lower Upper
114 100
63 25.6 19.8 29.8
88 18.8 14.2 21.4





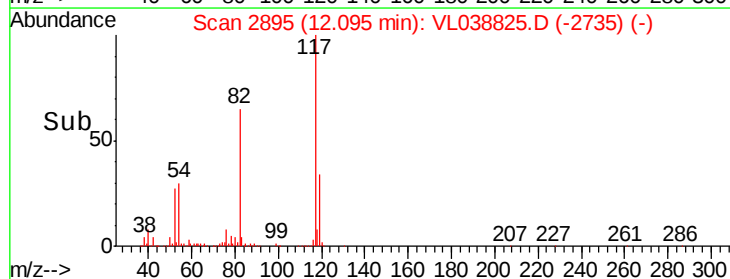
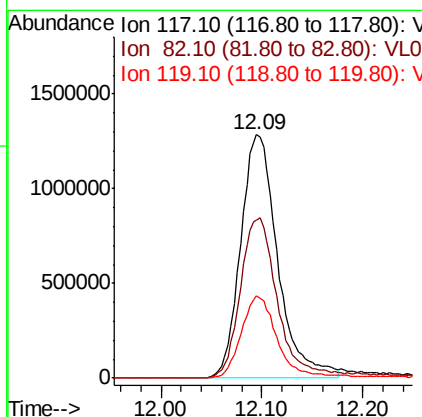
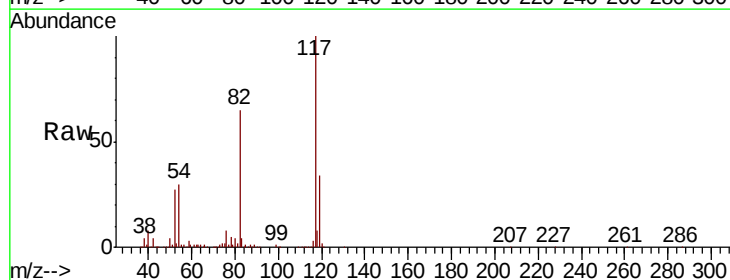
#39
 1,2-Dichloropropane
 Concen: 7.035 ppbv
 RT: 7.19
 Instrument: MSVOA_L
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 6 Apr 2022 9:04

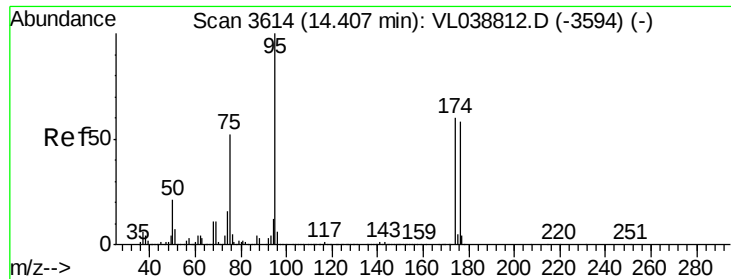
Tot Ion	63	Resp	917457
Ion	Ratio	Lower	Upper
63	100		
41	0.0	53.0	79.6#
62	15.4	55.0	82.4#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2895
 Delta R.T.: 0.02 min
 Lab File: VL038825.D
 Acq: 6 Apr 2022 9:04

Tgt Ion	117	Resp	3280045
Ion	Ratio	Lower	Upper
117	100		
82	69.5	53.0	79.6
119	33.6	24.9	37.3





#68

1-Bromo-4-Fluorobenzene

Concen: 10.236 ppbv

RT: 14.42 Instrument :

Delta R.T. MSVOA_L

Lab File: ClientSampleId :

Acq: 6 Apr 2022 9.04

Tot Ion: 95 Resp: 2546841

Ion Ratio Lower Upper

95 100

174 64.2 52.0 78.0

175 4.4 4.0 6.0

