

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040722\
 Data File : VL038835.D
 Acq On : 7 Apr 2022 11:05
 Operator : SY/AP
 Sample : VL0407ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0407ABL01

Quant Time: Apr 08 05:21:57 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	1239623	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.18	114	3437833	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2916674	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2347341	10.61	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.10%

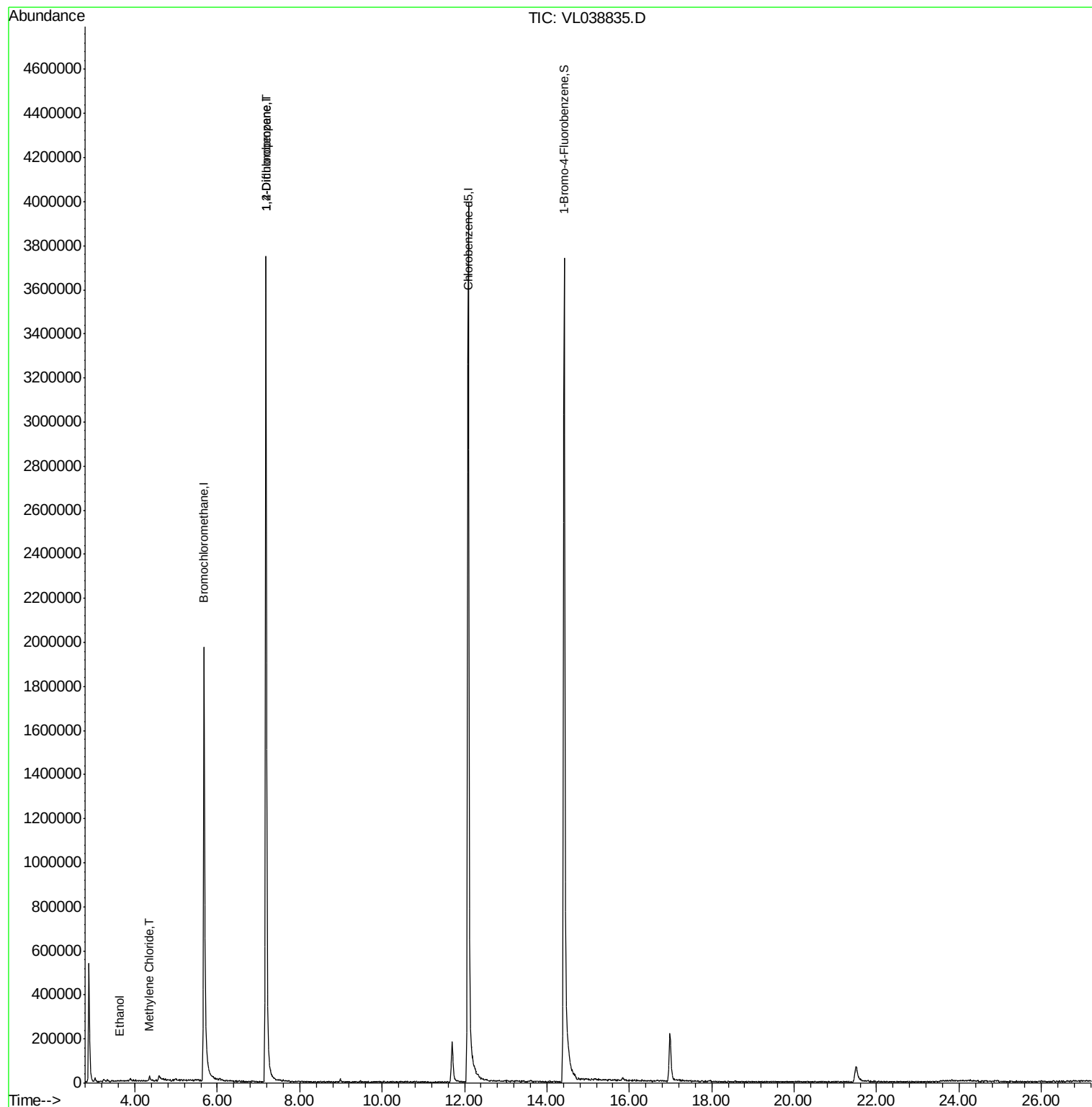
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.61	45	165	0.034	ppbv #	100
20) Methylene Chloride	4.35	84	3619	0.081	ppbv #	45
39) 1,2-Dichloropropane	7.18	63	848445	7.093	ppbv #	26

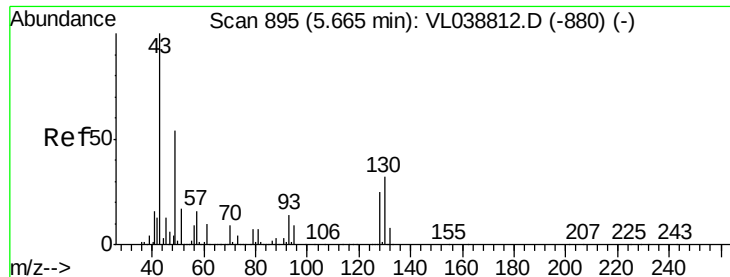
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
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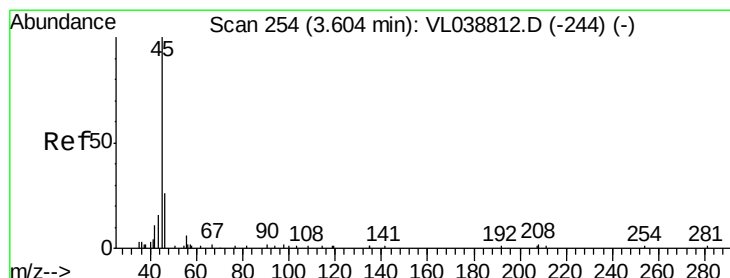
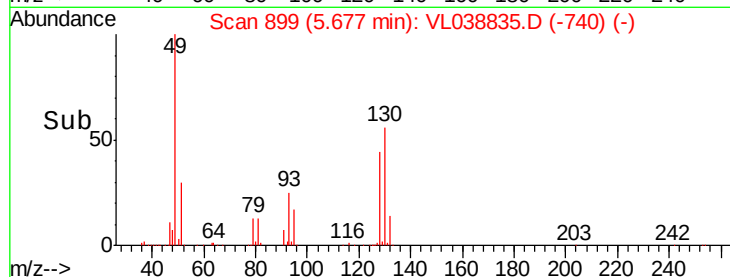
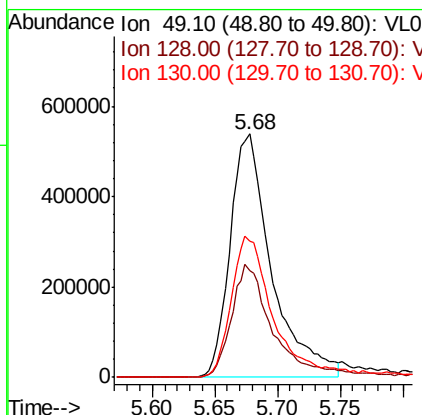
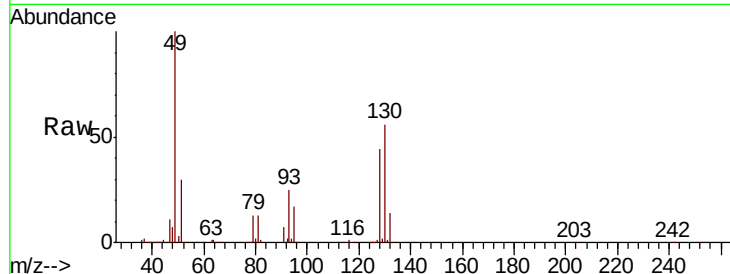
Quant Time: Apr 08 05:21:57 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA L\METHODS\VL040522AIR.M
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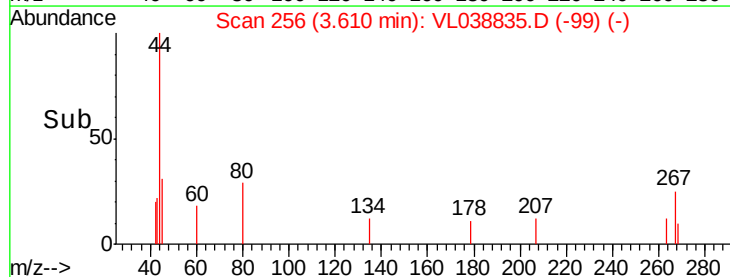
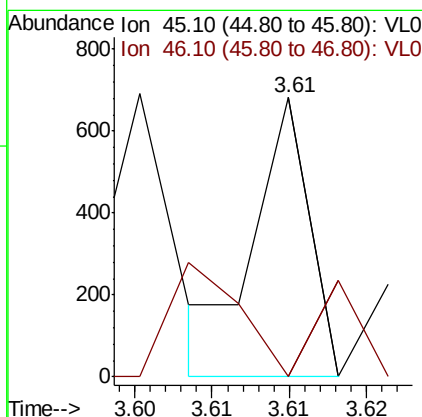
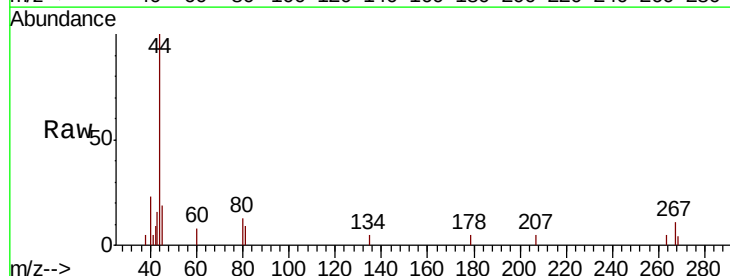
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.68
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId : VL0407ABL01
 Acq: 7 Apr 2022 11:05

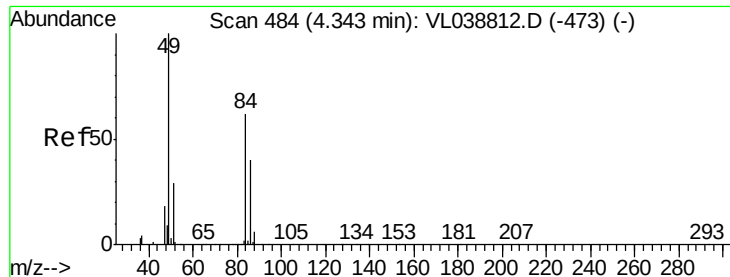
Tot Ion: 49 Resp: 1239623
 Ion Ratio Lower Upper
 49 100
 128 47.5 24.1 72.3
 130 62.8 30.9 92.8



#13
 Ethanol
 Concen: 0.034 ppbv
 RT: 3.61 min Scan# 256
 Delta R.T. 0.01 min
 Lab File: VL038835.D
 Acq: 7 Apr 2022 11:05

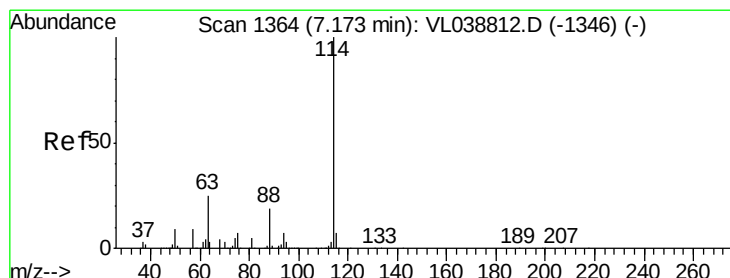
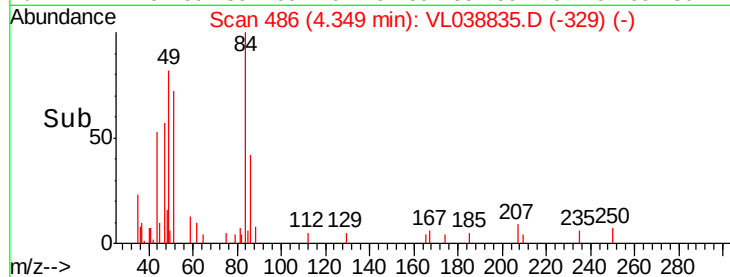
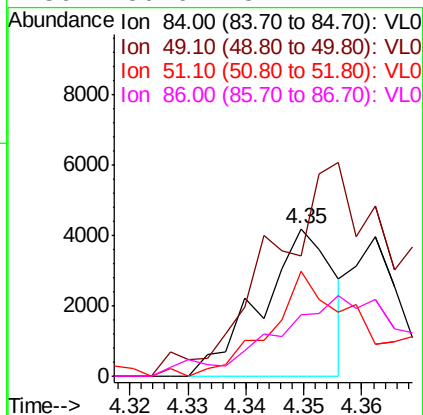
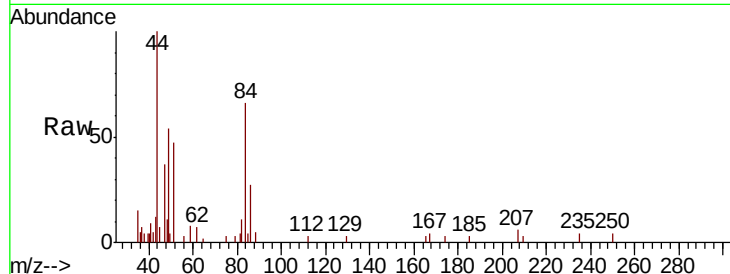
Tgt Ion: 45 Resp: 165
 Ion Ratio Lower Upper
 45 100
 46 0.0 0.0 0.0





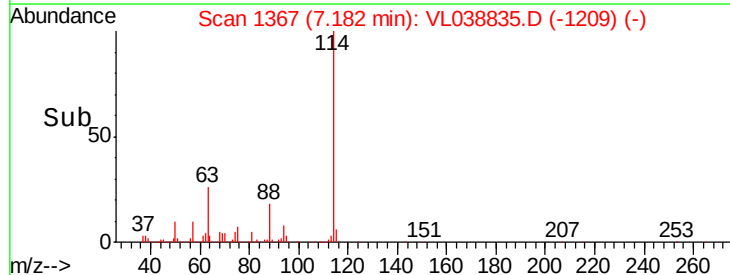
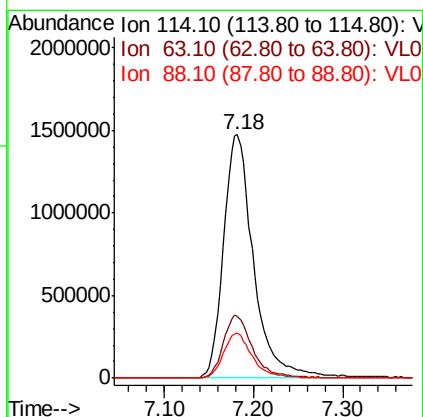
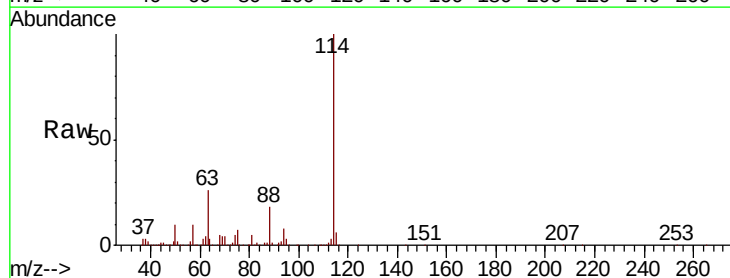
#20
Methylene Chloride
Concen: 0.081 ppbv
RT: 4.35 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 7 Apr 2022 11:05

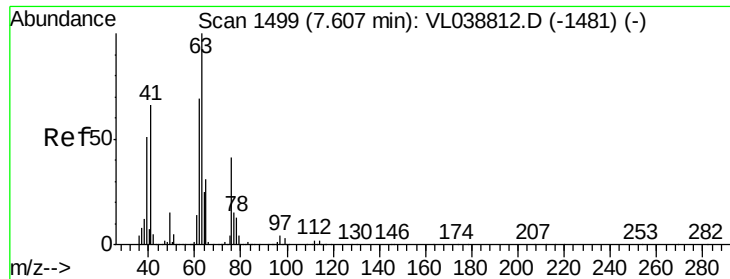
Tot Ion:	84	Resp:	3619
Ion	Ratio	Lower	Upper
84	100		
49	75.8	129.4	194.0#
51	71.5	37.4	56.2#
86	30.6	51.4	77.2#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.18 min Scan# 1367
Delta R.T.: 0.01 min
Lab File: VL038835.D
Acq: 7 Apr 2022 11:05

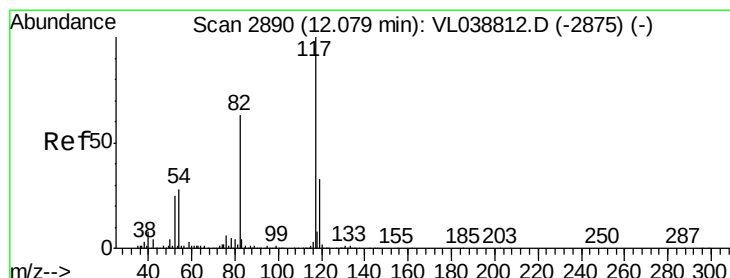
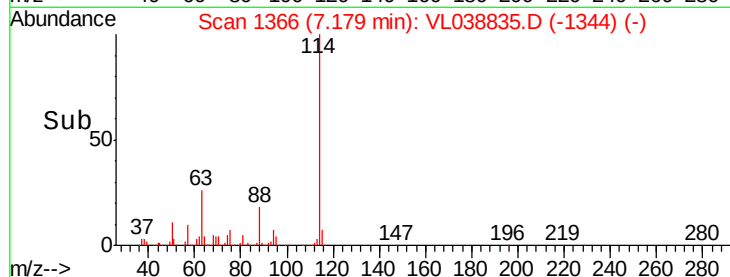
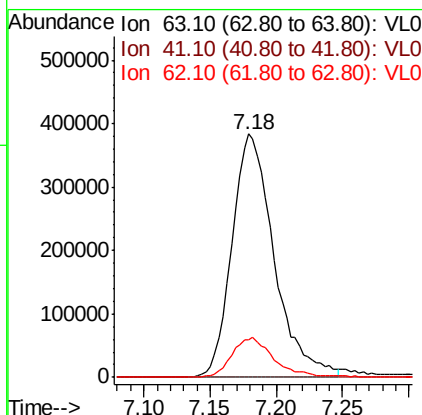
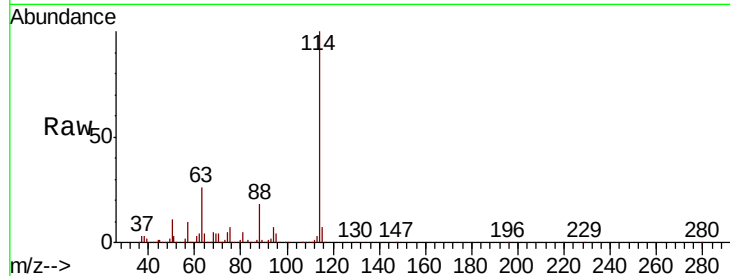
Tgt Ion:	114	Resp:	3437833
Ion	Ratio	Lower	Upper
114	100		
63	25.5	19.8	29.8
88	18.3	14.2	21.4





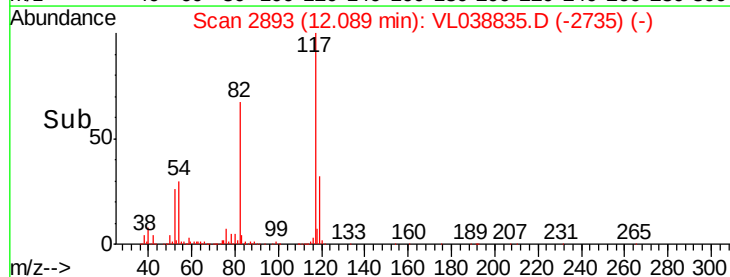
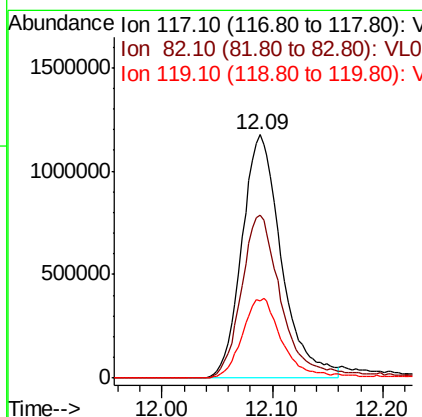
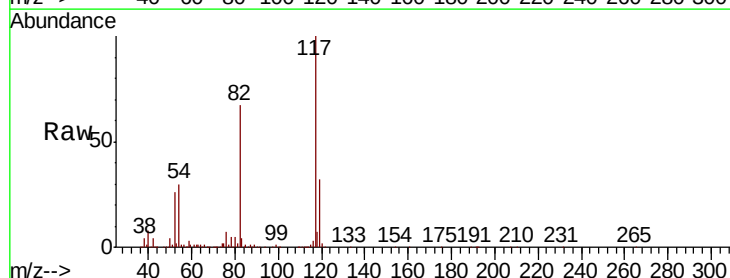
#39
 1,2-Dichloropropane
 Concen: 7.093 ppbv
 RT: 7.18
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VL0407ABL01
 Acq: 7 Apr 2022 11:05

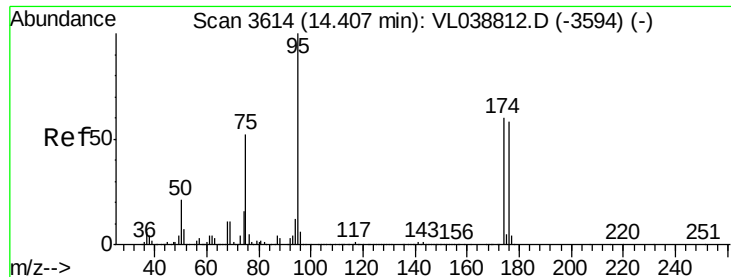
Tot Ion	63	Resp	848445
Ion	Ratio	Lower	Upper
63	100		
41	0.0	53.0	79.6#
62	15.1	55.0	82.4#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.09 min Scan# 2893
 Delta R.T.: 0.01 min
 Lab File: VL038835.D
 Acq: 7 Apr 2022 11:05

Tgt Ion	117	Resp	2916674
Ion	Ratio	Lower	Upper
117	100		
82	71.9	53.0	79.6
119	34.5	24.9	37.3





#68

1-Bromo-4-Fluorobenzene

Concen: 10.610 ppbv

RT: 14.42 Instrument:

Delta R.T. MSVOA_L

Lab File: ClientSampleId:

Acq: 7 Apr 2022 11:05

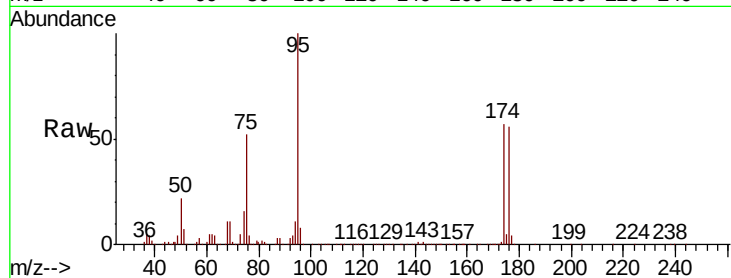
Tot Ion: 95 Resp: 2347341

Ion Ratio Lower Upper

95 100

174 61.3 52.0 78.0

175 4.3 4.0 6.0



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

