

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041122\
 Data File : VL038870.D
 Acq On : 11 Apr 2022 14:29
 Operator : SY/AP
 Sample : VL0411ABL01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0411ABL01

Quant Time: Apr 12 02:47:31 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	5.66	49	1250861	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	3273396	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	3004338	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2333610	10.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

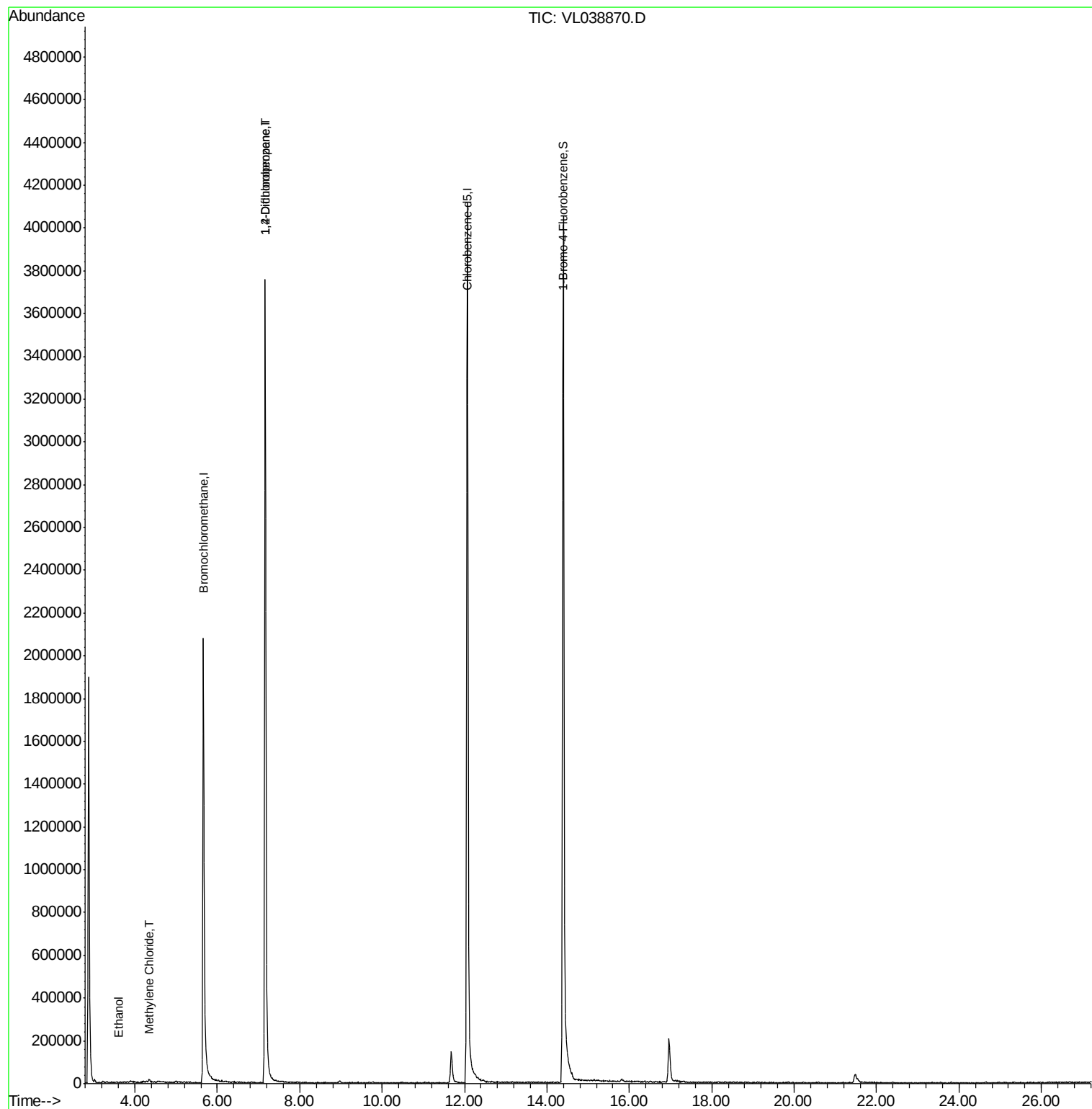
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.59	45	173	0.035	ppbv #	100
20) Methylene Chloride	4.34	84	3372	0.075	ppbv #	50
39) 1,2-Dichloropropane	7.17	63	849392	7.457	ppbv #	25

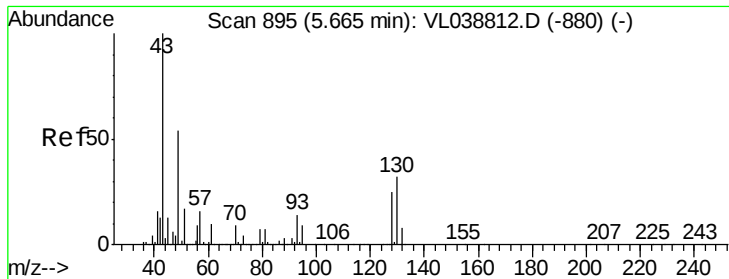
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.66 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0411ABL01

Acq: 11 Apr 2022 14:29

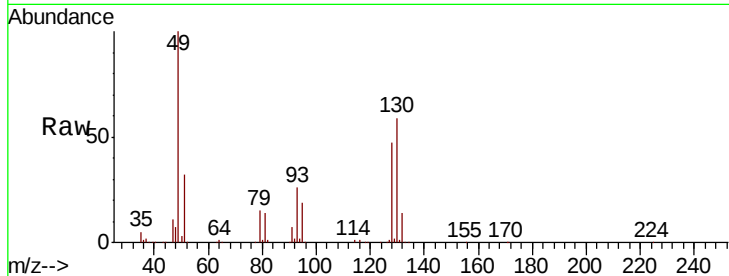
Tot Ion: 49 Resp: 1250861

Ion Ratio Lower Upper

49 100

128 49.3 24.1 72.3

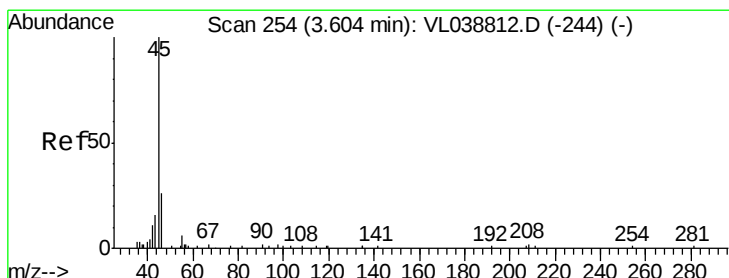
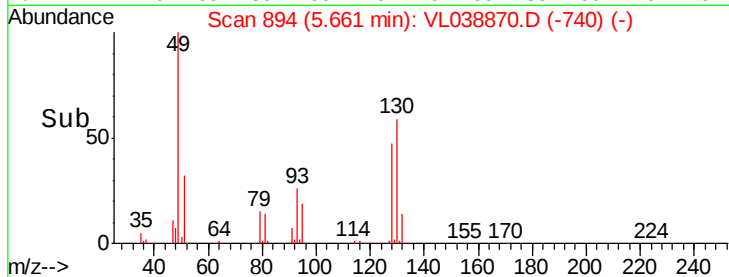
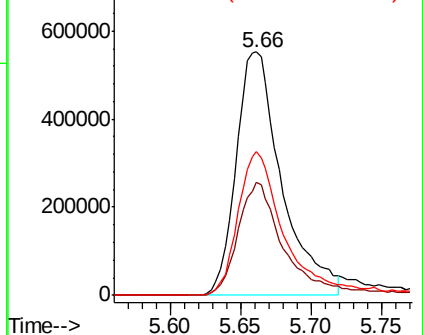
130 62.0 30.9 92.8



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: 0.035 ppbv

RT: 3.59 min Scan# 251

Delta R.T. -0.01 min

Lab File: VL038870.D

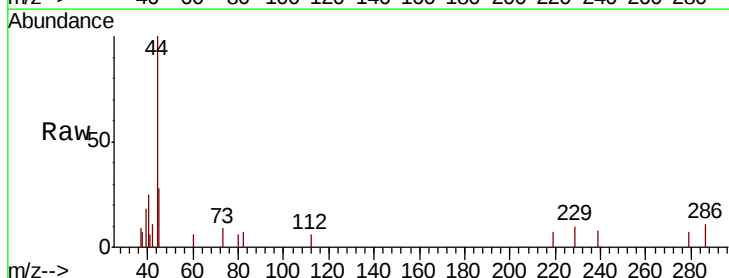
Acq: 11 Apr 2022 14:29

Tgt Ion: 45 Resp: 173

Ion Ratio Lower Upper

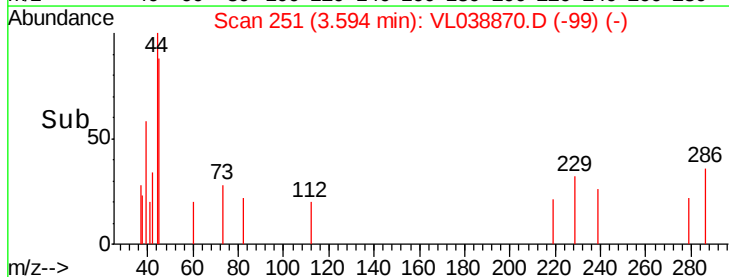
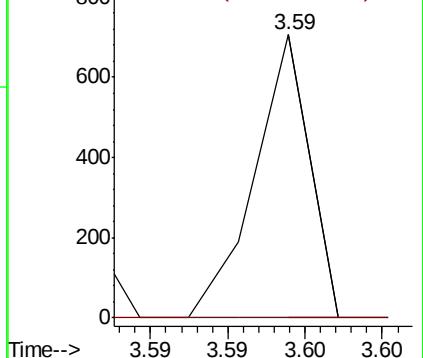
45 100

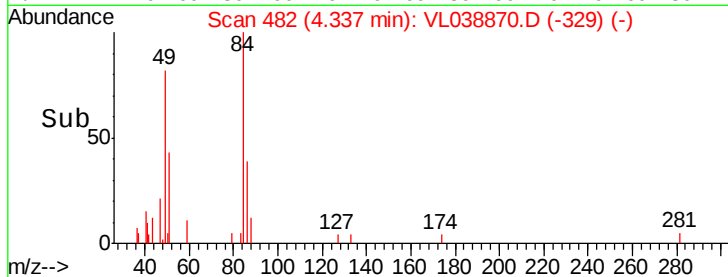
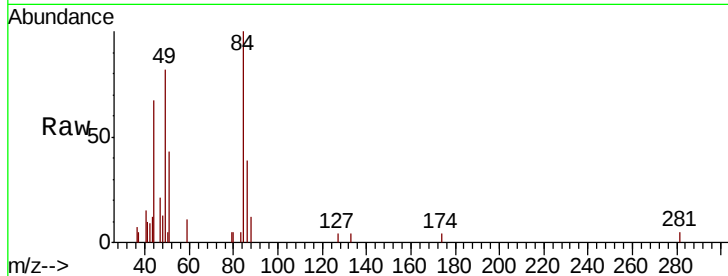
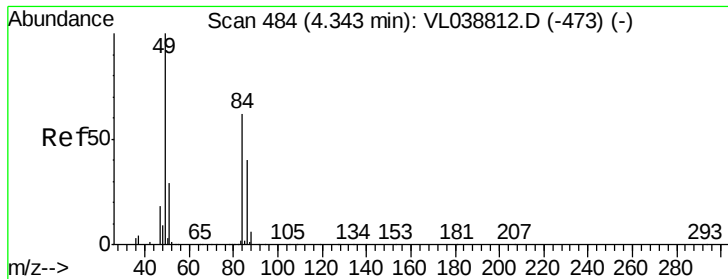
46 0.0 0.0 0.0



Abundance Ion 45.10 (44.80 to 45.80): VL0

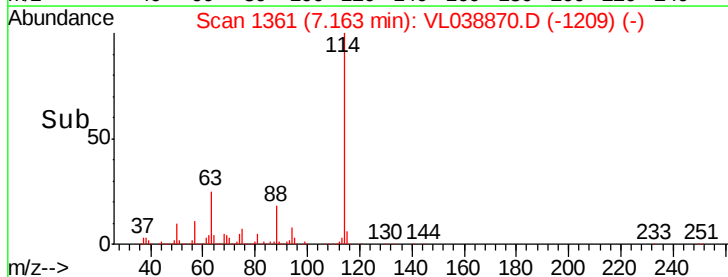
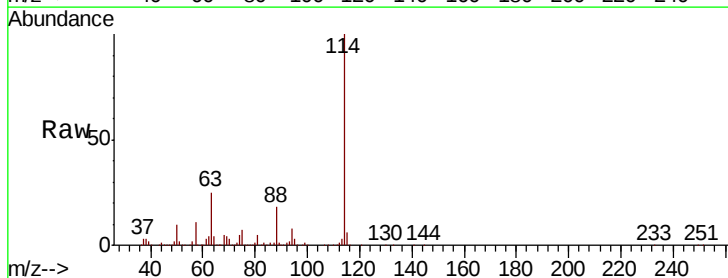
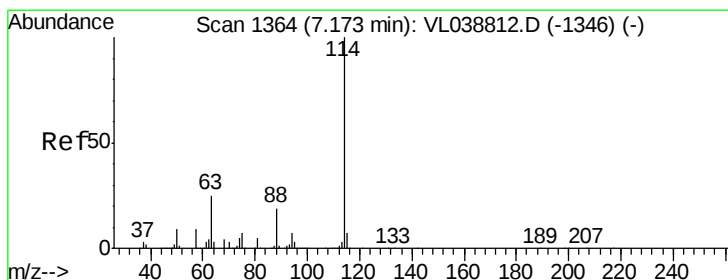
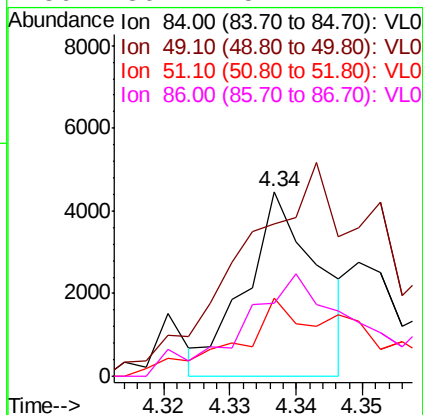
Ion 46.10 (45.80 to 46.80): VL0





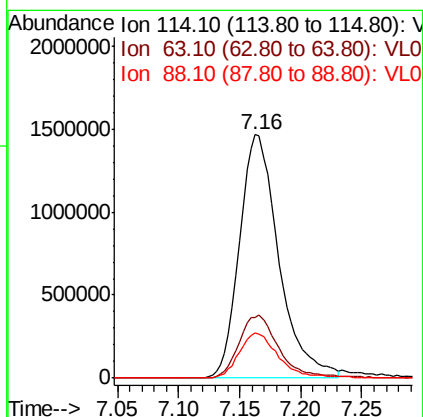
#20
Methvlene Chloride
Concen: 0.075 ppbv
RT: 4.34
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0411ABL01
Acq: 11 Apr 2022 14:29

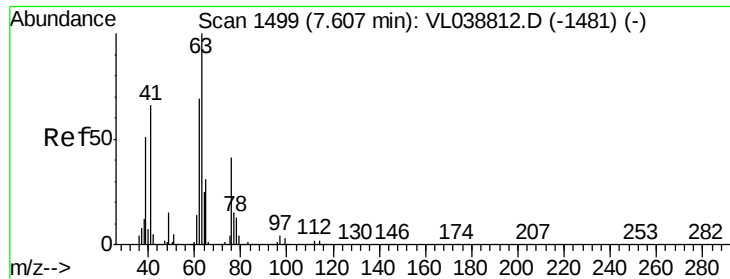
Tot Ion:	84	Resp:	3372
Ion	Ratio	Lower	Upper
84	100		
49	72.4	129.4	194.0#
51	40.8	37.4	56.2
86	36.4	51.4	77.2#



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.16 min Scan# 1361
Delta R.T. -0.01 min
Lab File: VL038870.D
Acq: 11 Apr 2022 14:29

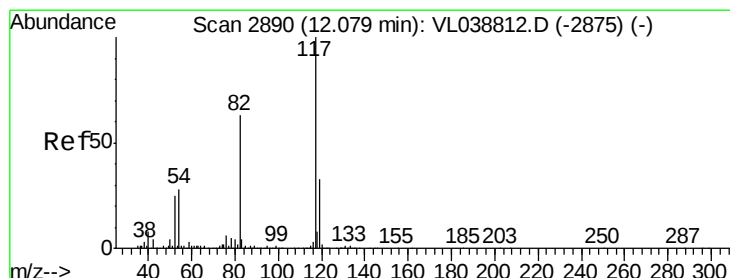
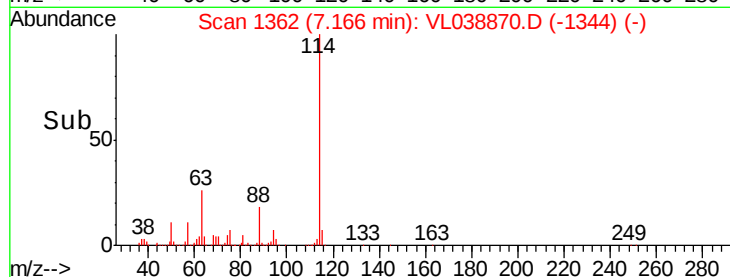
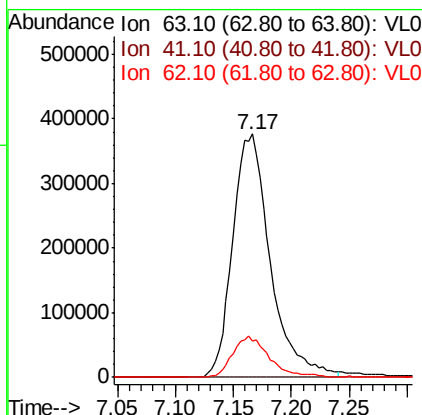
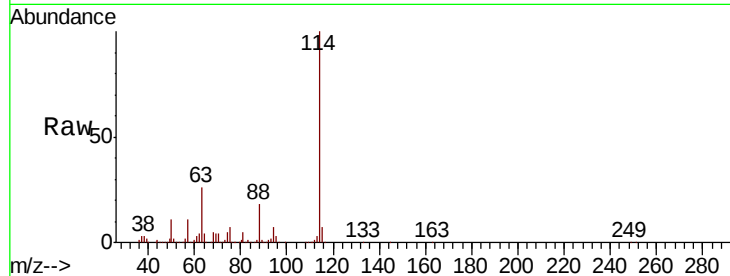
Tgt Ion:	114	Resp:	3273396
Ion	Ratio	Lower	Upper
114	100		
63	26.8	19.8	29.8
88	18.9	14.2	21.4





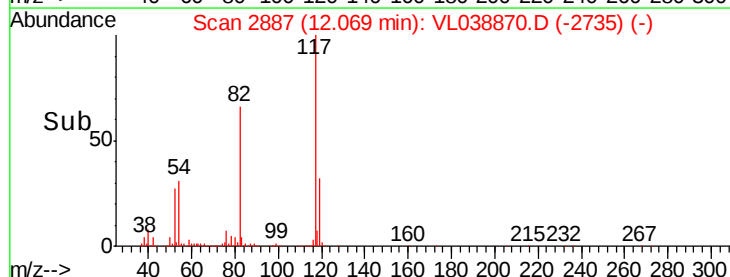
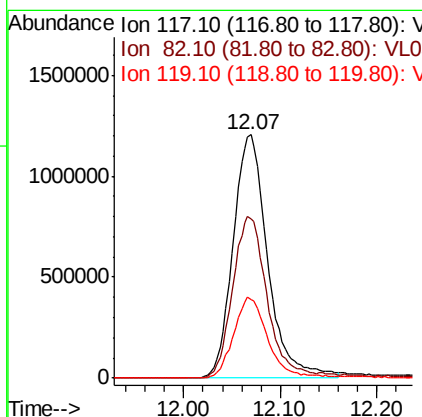
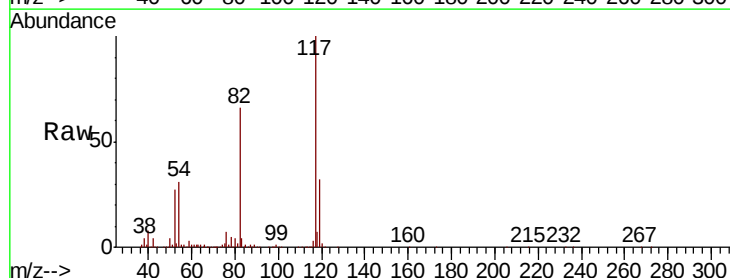
#39
 1,2-Dichloropropane
 Concen: 7.457 ppbv
 RT: 7.17
 Instrument: MSVOA_1
 Delta R.T.:
 Client Sample Id:
 Lab File: VL0411ABL01
 Acq: 11 Apr 2022 14:29

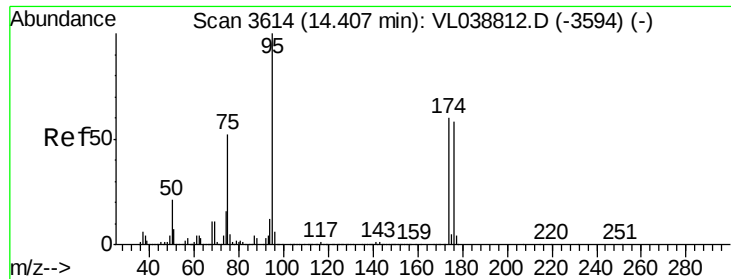
Tot Ion	63	Resp	849392
Ion Ratio	Lower	Upper	
63	100		
41	0.0	53.0	79.6#
62	14.9	55.0	82.4#



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.07 min Scan# 2887
 Delta R.T.: -0.01 min
 Lab File: VL038870.D
 Acq: 11 Apr 2022 14:29

Tgt Ion	117	Resp	3004338
Ion Ratio	Lower	Upper	
117	100		
82	68.8	53.0	79.6
119	34.0	24.9	37.3





#68

1-Bromo-4-Fluorobenzene

Concen: 10.240 ppbv

RT: 14.40 Instrument :

Delta R.T MSVOA_L

Lab File: ClientSampleId :

Acq: 11 Apr 2022 14.29

Tot Ion: 95 Resp: 2333610

Ion Ratio Lower Upper

95 100

174 62.9 52.0 78.0

175 4.5 4.0 6.0

