

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060622\
 Data File : VL039190.D
 Acq On : 6 Jun 2022 18:39
 Operator : SY/AP
 Sample : OC060122 CAN 10597
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :

Quant Time: Jun 07 03:17:47 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 2022
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1247416	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3344048	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2929489	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	2226052	9.19	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.90%

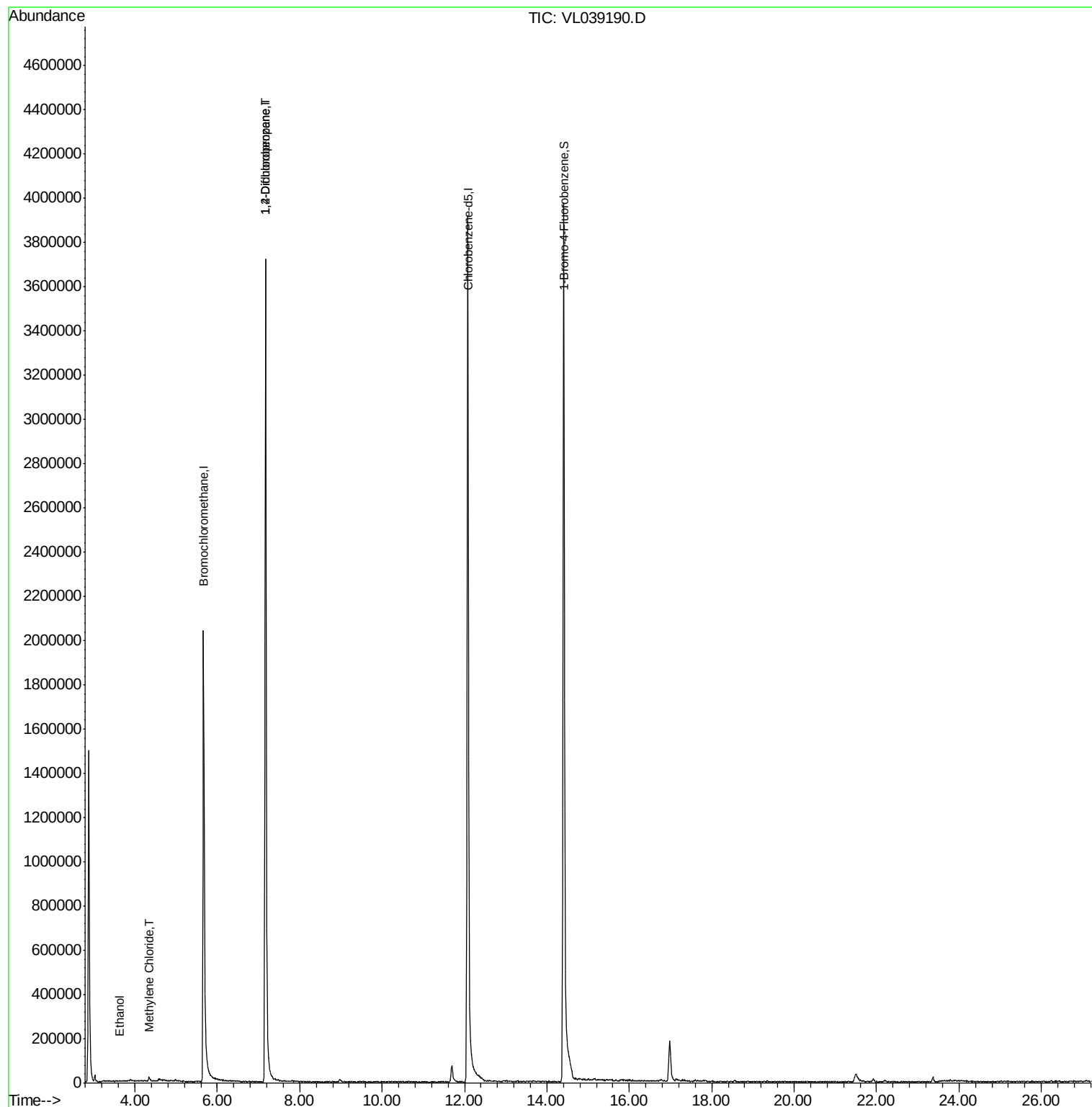
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Ethanol	3.62	45	385	0.102	ppbv #	100
20) Methylene Chloride	4.34	84	3668	0.067	ppbv #	93
39) 1,2-Dichloropropane	7.17	63	767232	7.105	ppbv #	23

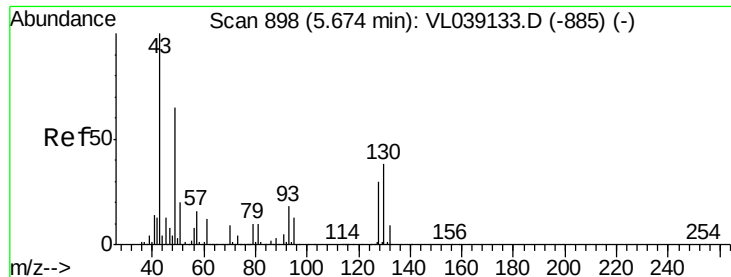
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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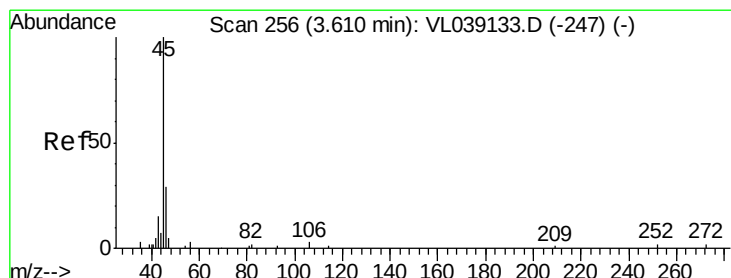
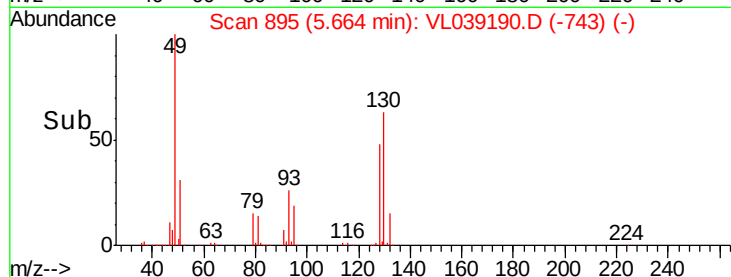
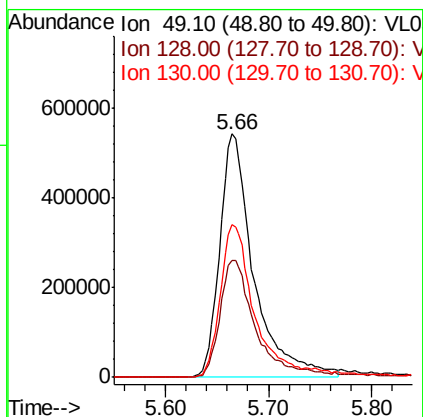
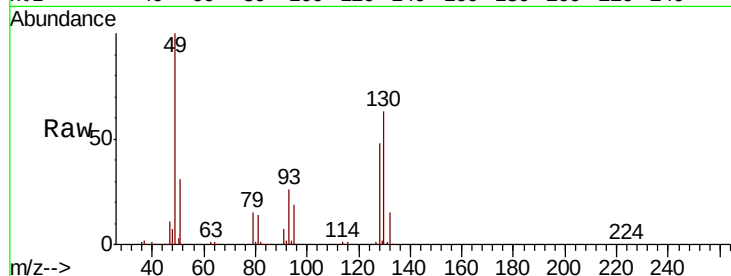
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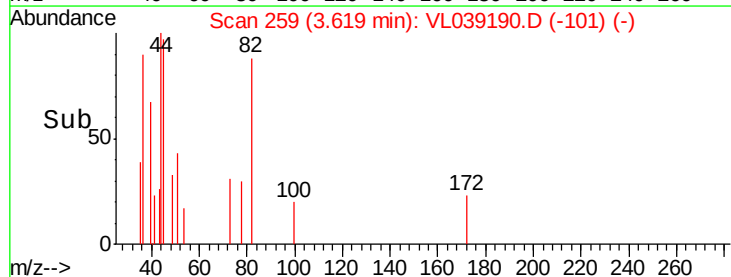
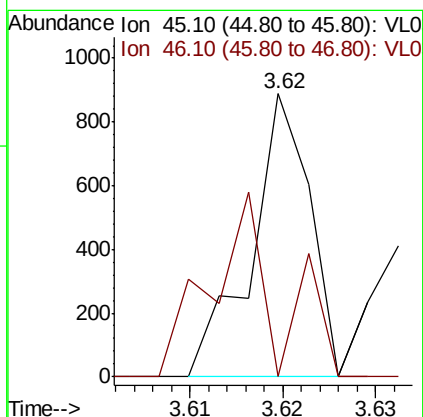
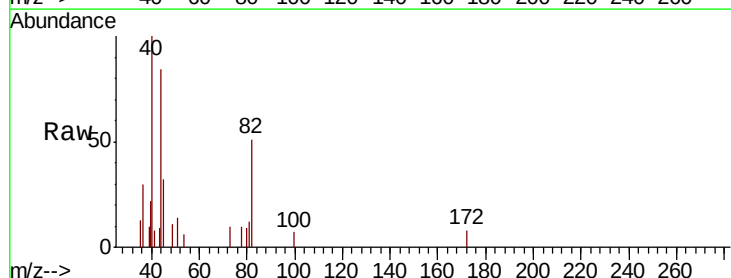
#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.66
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 Acq: 6 Jun 2022 18:39

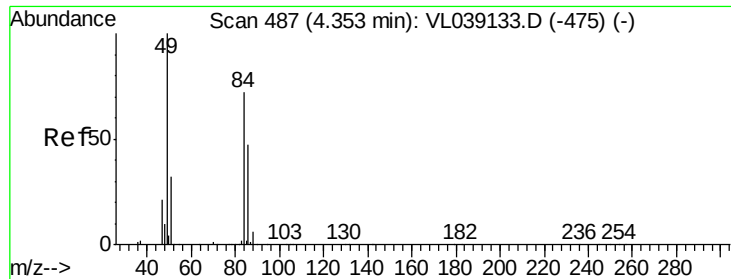
Tot Ion: 49 Resp: 1247416
 Ion Ratio Lower Upper
 49 100
 128 52.5 24.7 74.1
 130 66.9 31.4 94.0



#13
 Ethanol
 Concen: 0.102 ppbv
 RT: 3.62 min Scan# 259
 Delta R.T. 0.01 min
 Lab File: VL039190.D
 Acq: 6 Jun 2022 18:39

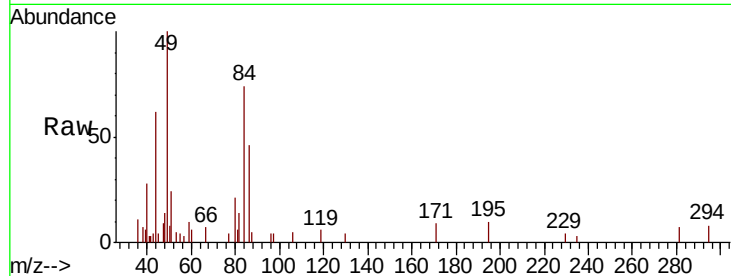
Tgt Ion: 45 Resp: 385
 Ion Ratio Lower Upper
 45 100
 46 75.3 0.0 0.0#





#20
Methylene Chloride
Concen: 0.067 ppbv
RT: 4.34
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId:
Acq: 6 Jun 2022 18:39

Tot Ion	84	Resp	3668
Ion	Ratio	Lower	Upper
84	100		
49	134.9	111.1	166.7
51	28.2	35.3	52.9
86	62.1	51.9	77.9



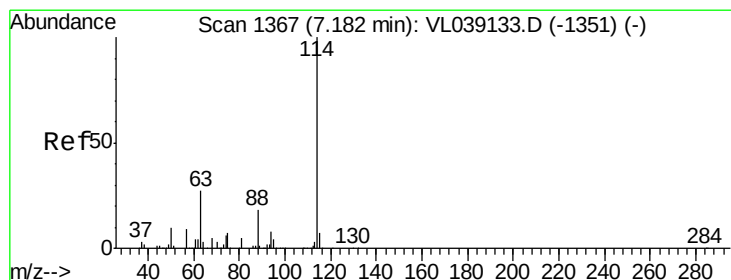
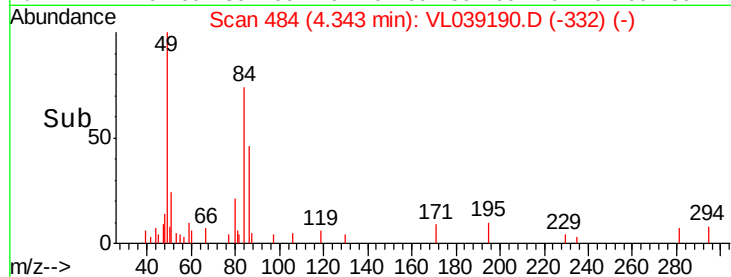
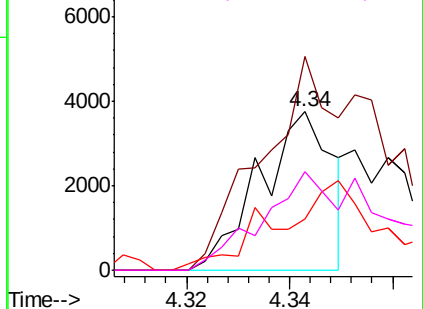
Abundance

Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

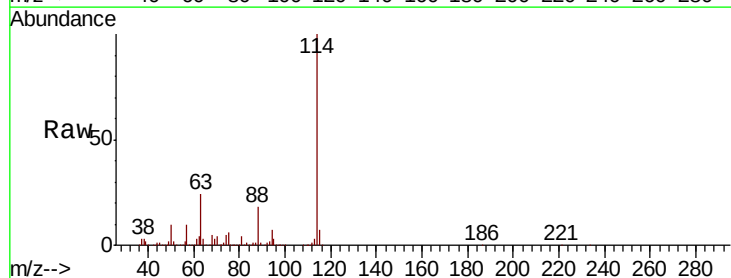
Ion 51.10 (50.80 to 51.80): VL0

Ion 86.00 (85.70 to 86.70): VL0



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.17 min Scan# 1364
Delta R.T. -0.01 min
Lab File: VL039190.D
Acq: 6 Jun 2022 18:39

Tgt Ion	114	Resp	3344048
Ion	Ratio	Lower	Upper
114	100		
63	24.3	21.7	32.5
88	18.3	14.8	22.2

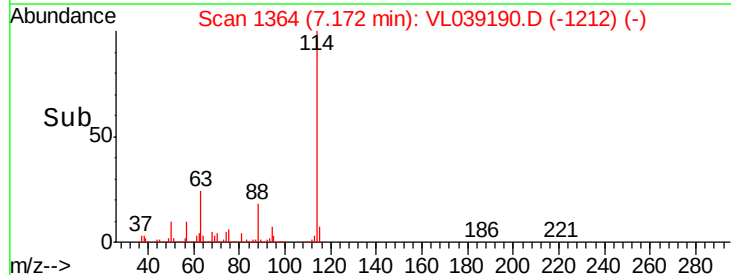
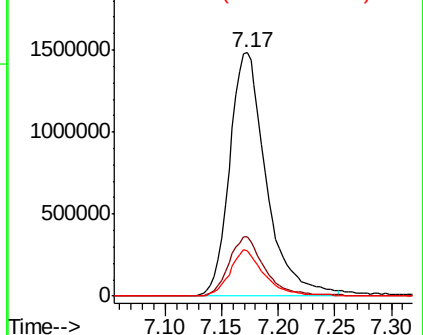


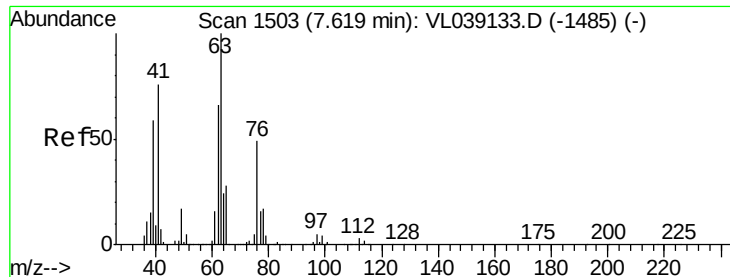
Abundance

Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VL0

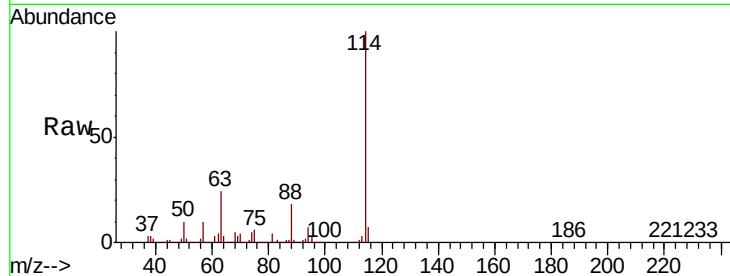
Ion 88.10 (87.80 to 88.80): VL0





#39
 1,2-Dichloropropane
 Concen: 7.105 ppbv
 RT: 7.17
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId :
 Acq: 6 Jun 2022 18:39

Tot Ion	63.10	Resp	767232
Ion Ratio	Lower	Upper	
63	100		
41	0.0	60.8	91.2#
62	15.3	52.9	79.3#

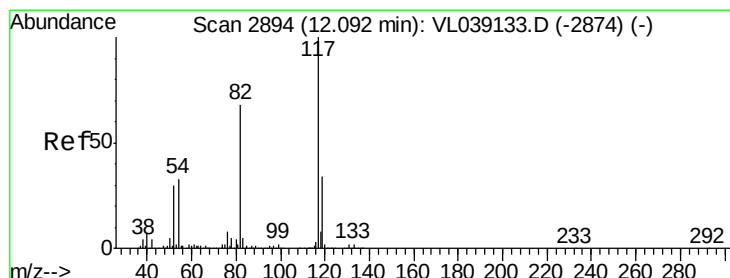
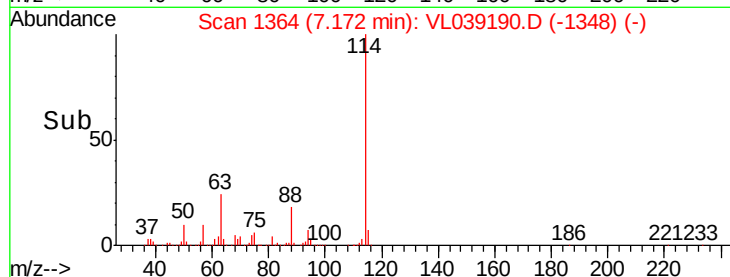
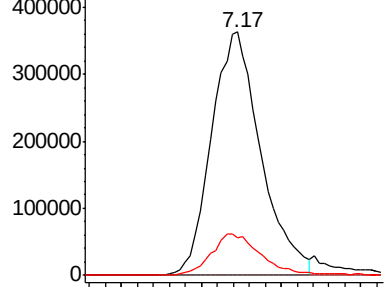


Abundance

Ion 63.10 (62.80 to 63.80): VL0

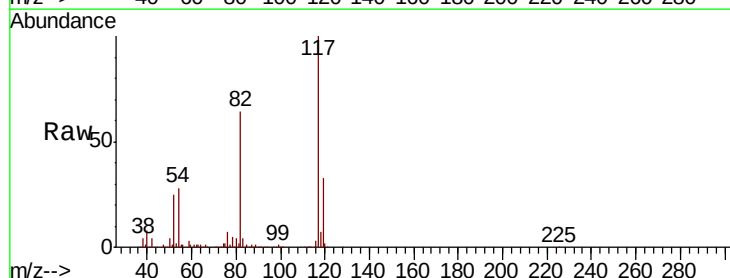
Ion 41.10 (40.80 to 41.80): VL0

Ion 62.10 (61.80 to 62.80): VL0



#55
 Chlorobenzene-d5
 Concen: 10.000 ppbv
 RT: 12.08 min Scan# 2890
 Delta R.T. -0.01 min
 Lab File: VL039190.D
 Acq: 6 Jun 2022 18:39

Tgt Ion	117	Resp	2929489
Ion Ratio	Lower	Upper	
117	100		
82	68.4	55.1	82.7
119	34.0	24.7	37.1

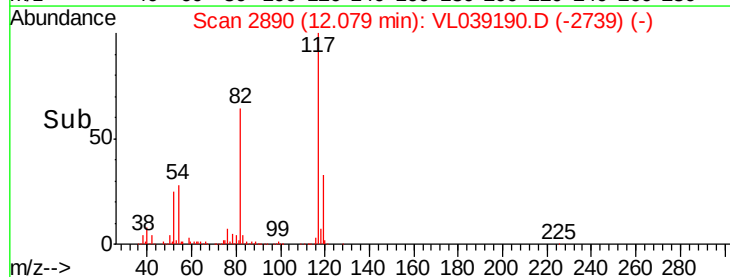
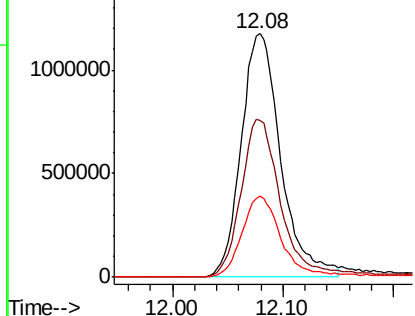


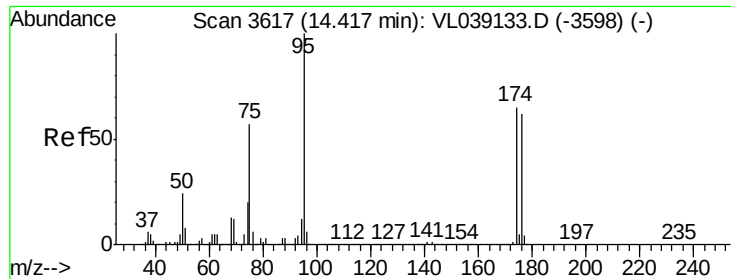
Abundance

Ion 117.10 (116.80 to 117.80): V

Ion 82.10 (81.80 to 82.80): VL0

Ion 119.10 (118.80 to 119.80): V





#68

1-Bromo-4-Fluorobenzene

Concen: 9.191 ppbv

RT: 14.41 Instrument :

Delta R.T MSVOA_L

Lab File: ClientSampleId :

Acq: 6 Jun 2022 18:39

Tot Ion: 95 Resp: 2226052

Ion Ratio Lower Upper

95 100

174 72.2 53.8 80.8

175 5.1 4.1 6.1

