

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL012422\
 Data File : VL038261.D
 Acq On : 24 Jan 2022 15:58
 Operator : SY/AP
 Sample : VL0124ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0124ABL01

Quant Time: Jan 24 22:04:13 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	848975	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2224567	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1857922	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1385774	9.83	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.30%

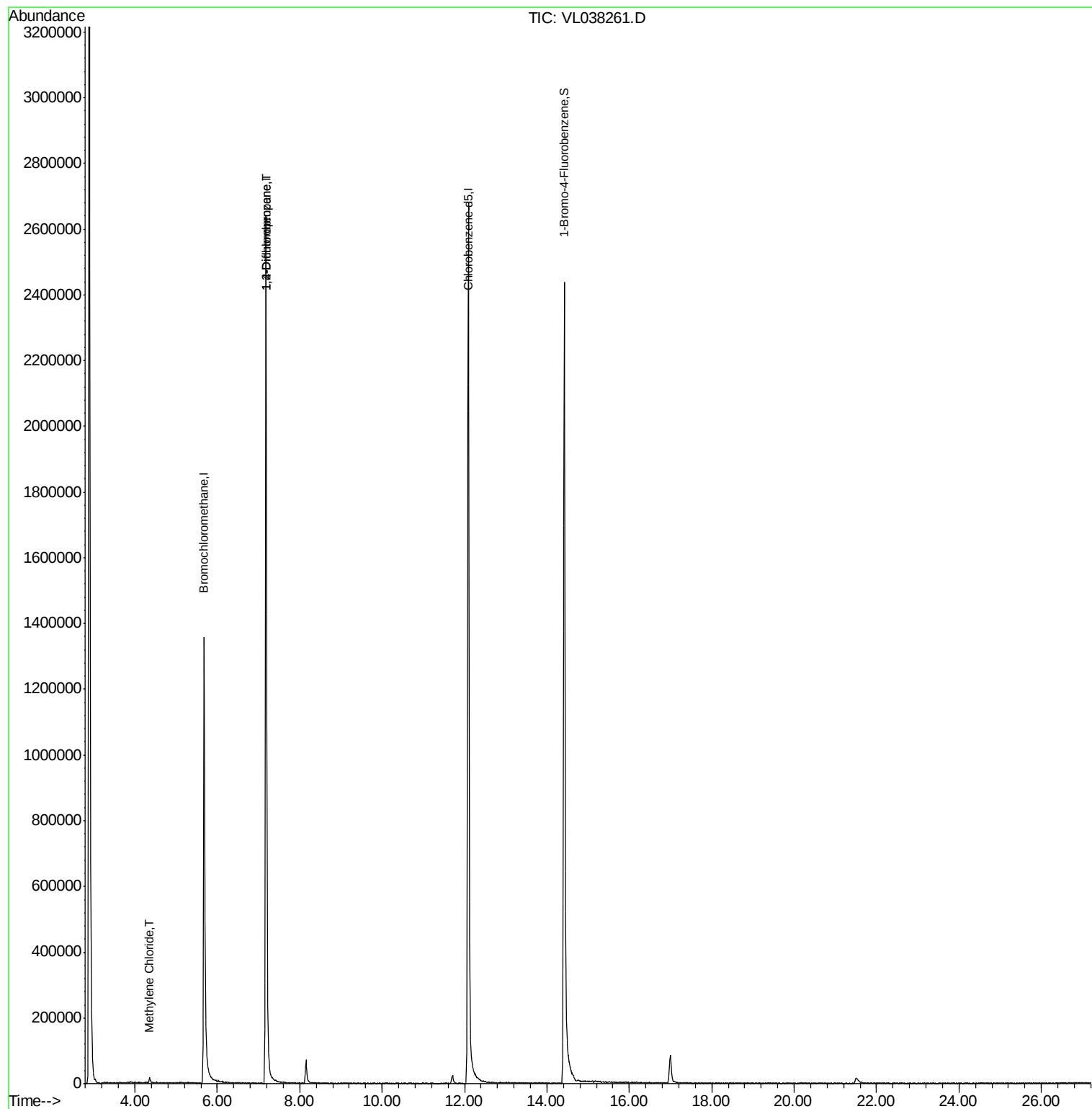
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.36	84	4364	0.100	ppbv #	73
39) 1,2-Dichloropropane	7.19	63	589914	7.395	ppbv #	26

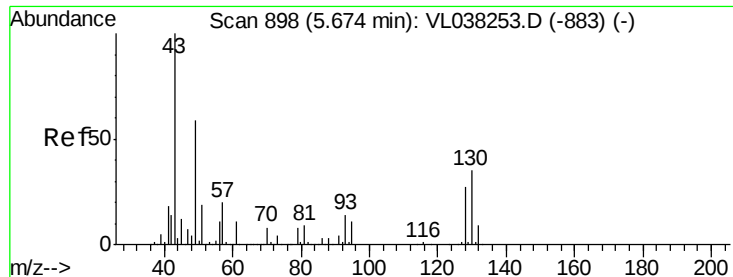
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 24 22:04:13 2022
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL012422AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Jan 24 14:12:48 2022
QLast Update : Mon Jan 24 14:12:48 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.68 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0124ABL01

Acq: 24 Jan 2022 15:58

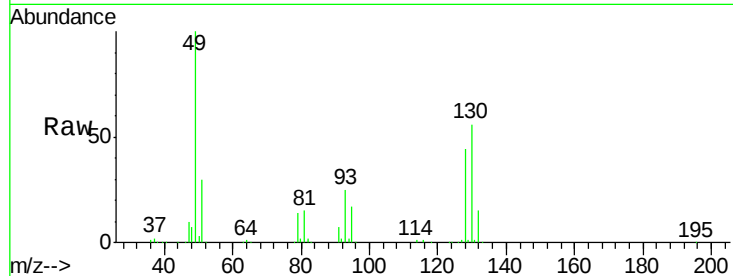
Tgt Ion: 49 Resp: 848975

Ion Ratio Lower Upper

49 100

128 47.9 24.5 73.5

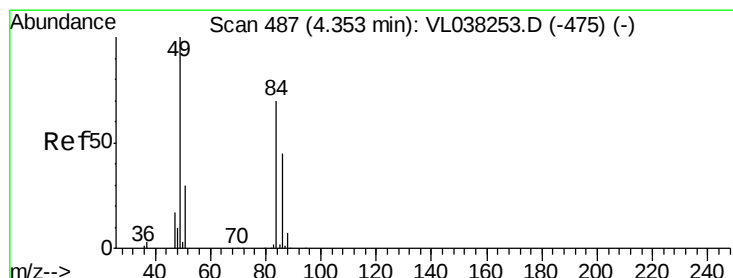
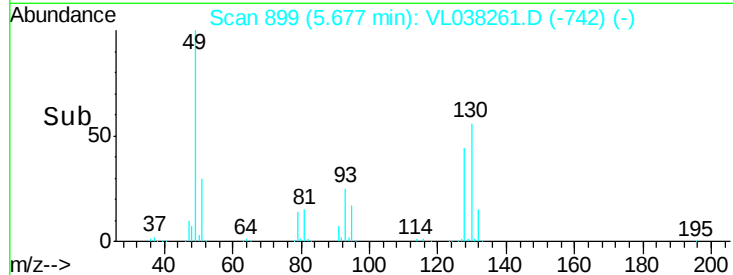
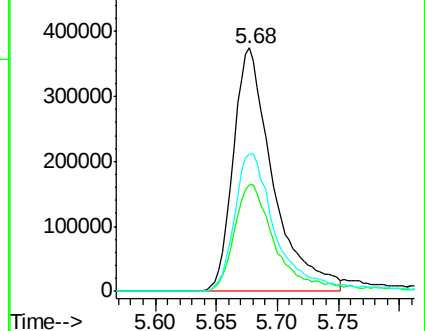
130 61.5 30.1 90.5



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



#20

Methylene Chloride

Concen: 0.100 ppbv

RT: 4.36 min Scan# 488

Delta R.T. 0.00 min

Lab File: VL038261.D

Acq: 24 Jan 2022 15:58

Tgt Ion: 84 Resp: 4364

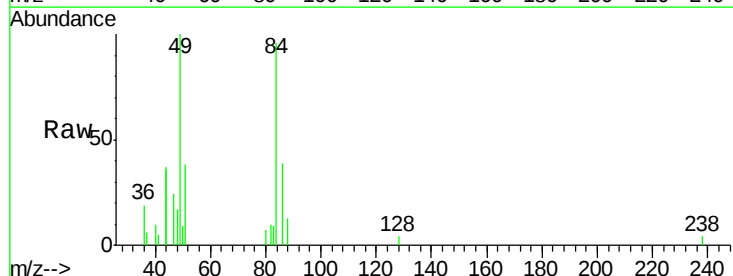
Ion Ratio Lower Upper

84 100

49 104.5 115.0 172.6#

51 39.5 35.0 52.6

86 40.9 51.4 77.0#

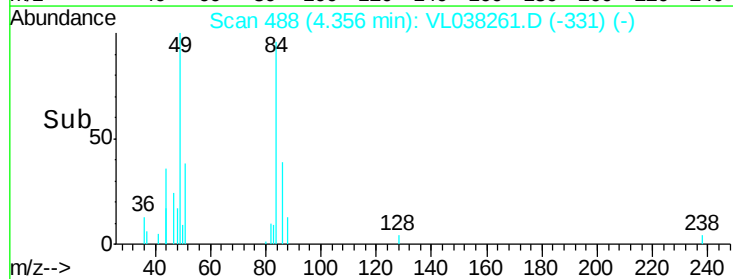
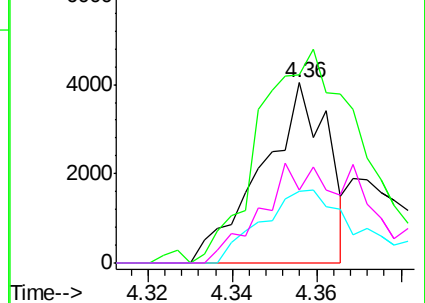


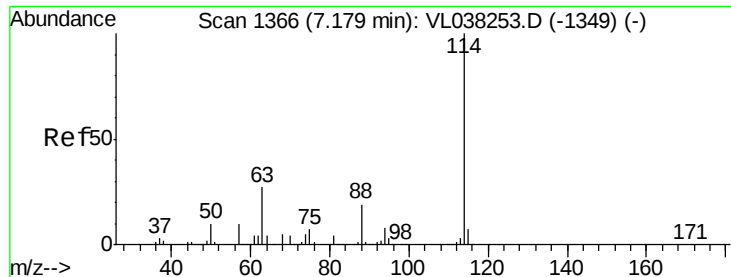
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

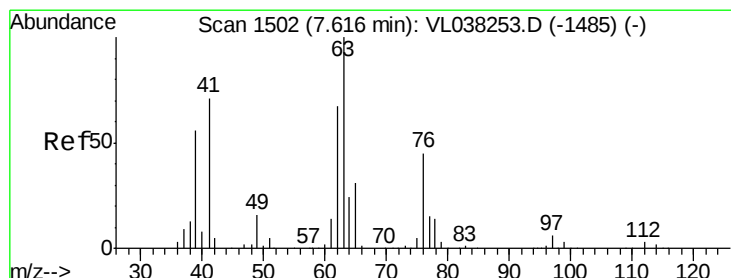
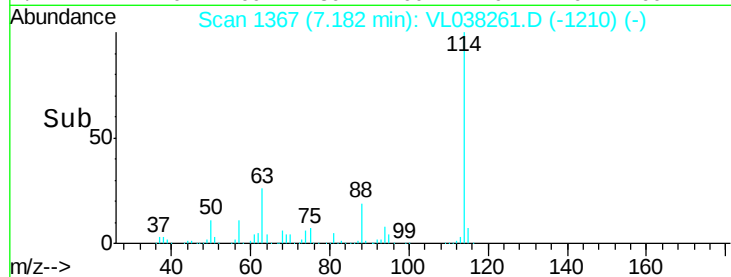
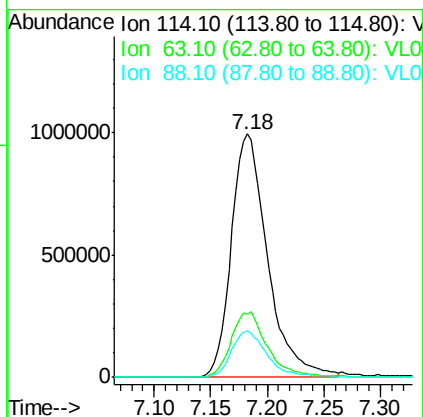
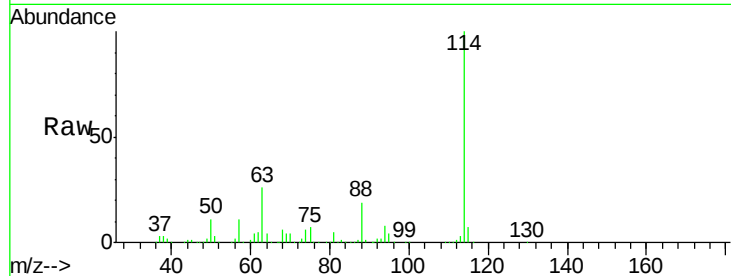
Ion 86.00 (85.70 to 86.70): VL0





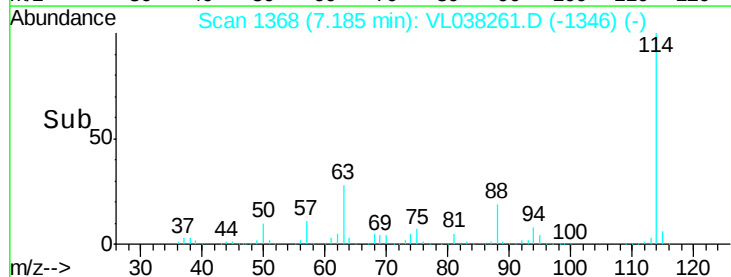
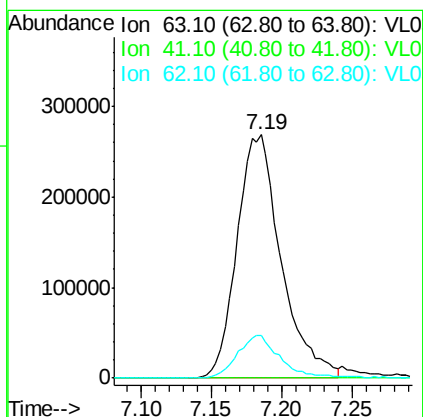
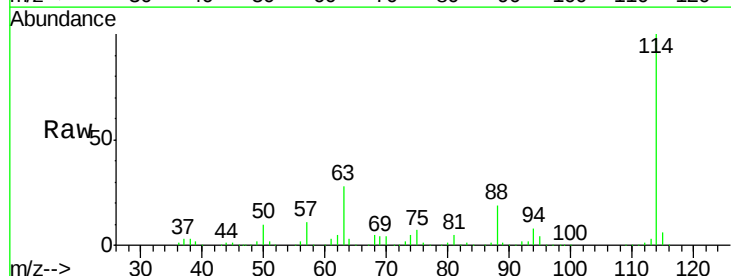
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VL0124ABL01
 Acq: 24 Jan 2022 15:58

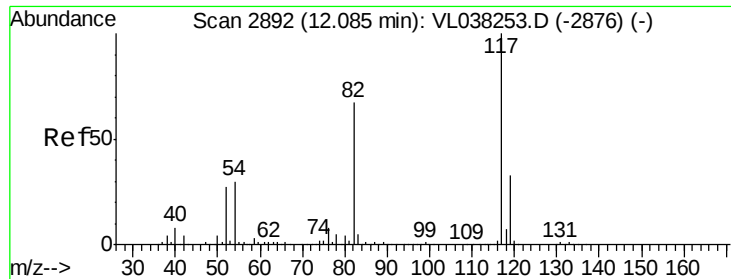
Tgt Ion: 114 Resp: 2224567
 Ion Ratio Lower Upper
 114 100
 63 27.7 22.0 33.0
 88 19.2 15.0 22.6



#39
 1,2-Dichloropropane
 Concen: 7.395 ppbv
 RT: 7.19 min Scan# 1368
 Delta R.T. -0.43 min
 Lab File: VL038261.D
 Acq: 24 Jan 2022 15:58

Tgt Ion: 63 Resp: 589914
 Ion Ratio Lower Upper
 63 100
 41 0.0 56.6 85.0#
 62 17.4 53.9 80.9#

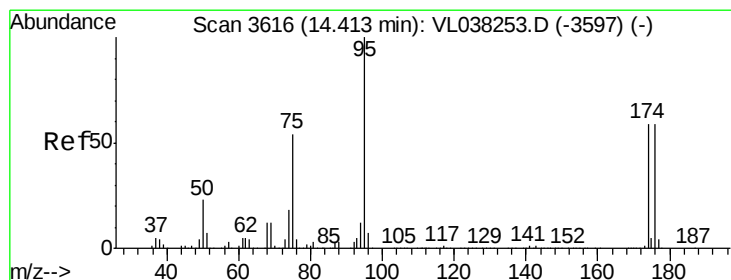
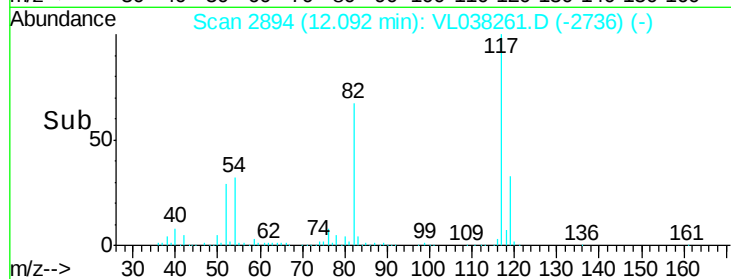
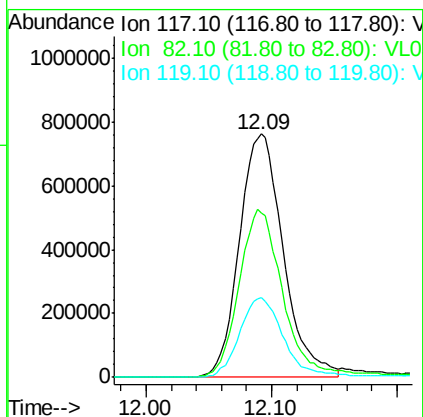
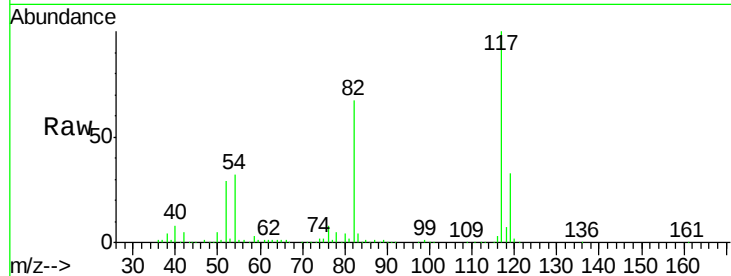




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0124ABL01
Acq: 24 Jan 2022 15:58

Tgt Ion: 117 Resp: 1857922

Ion	Ratio	Lower	Upper
117	100		
82	71.4	54.4	81.6
119	33.6	45.9	68.9



#68
1-Bromo-4-Fluorobenzene
Concen: 9.827 ppbv
RT: 14.42 min Scan# 3618
Delta R.T.: 0.01 min
Lab File: VL038261.D
Acq: 24 Jan 2022 15:58

Tgt Ion: 95 Resp: 1385774

Ion	Ratio	Lower	Upper
95	100		
174	62.3	48.3	72.5
175	4.6	3.5	5.3

