

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032822\
 Data File : VL038768.D
 Acq On : 28 Mar 2022 10:18
 Operator : SY/AP
 Sample : VL0328ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0328ABL01

Quant Time: Mar 28 14:26:41 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Mon Mar 21 17:09:26 2022
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	908378	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.18	114	2348584	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1965813	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1478121	9.81	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.10%

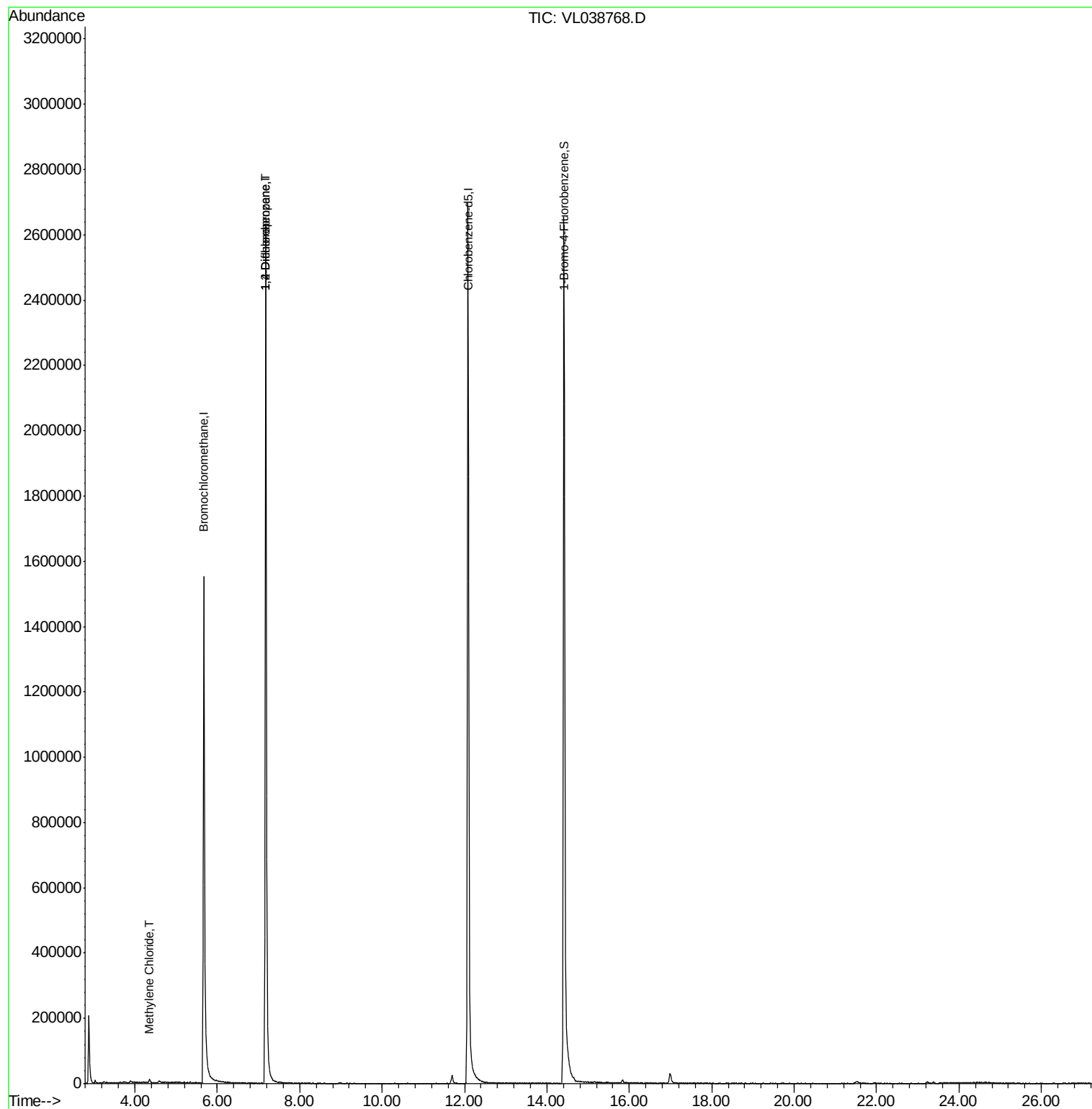
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.35	84	4718	0.14	ppbv #	80
39) 1,2-Dichloropropane	7.18	63	546527	7.71	ppbv #	28

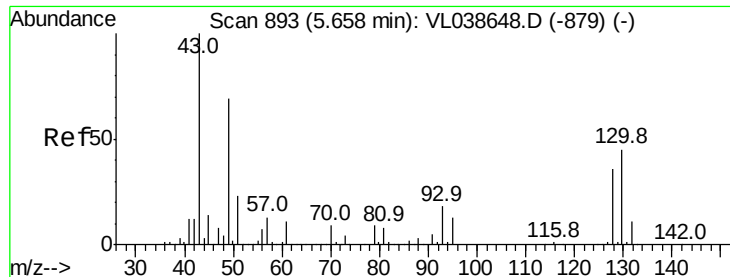
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 21 17:09:26 2022
QLast Update : Mon Mar 21 17:09:26 2022
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.00 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T. ClientSampleId:

Lab File: VL0328ABL01

Acq: 28 Mar 2022 10:18

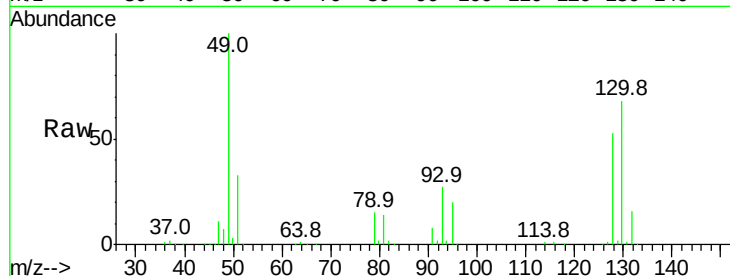
Tgt Ion: 49 Resp: 908378

Ion Ratio Lower Upper

49 100

128 55.5 26.2 78.6

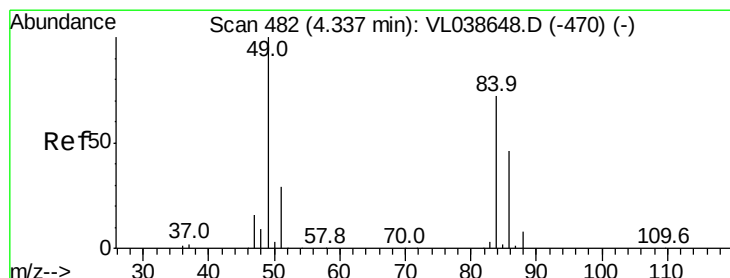
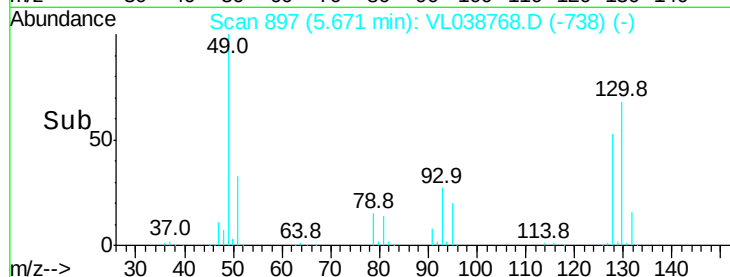
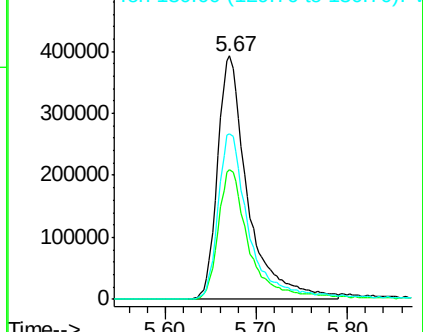
130 71.4 33.7 101.1



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: 0.14 ppbv

RT: 4.35 min Scan# 486

Delta R.T. 0.01 min

Lab File: VL038768.D

Acq: 28 Mar 2022 10:18

Tgt Ion: 84 Resp: 4718

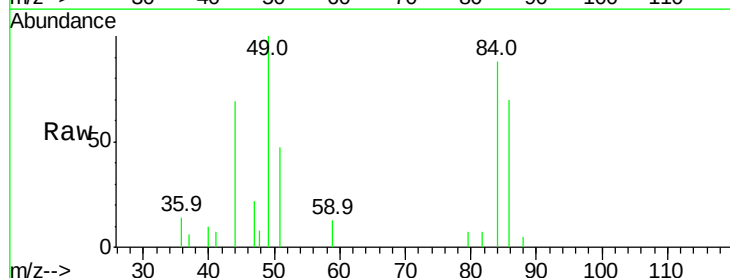
Ion Ratio Lower Upper

84 100

49 113.2 111.2 166.8

51 53.0 32.8 49.2#

86 79.3 51.4 77.0#

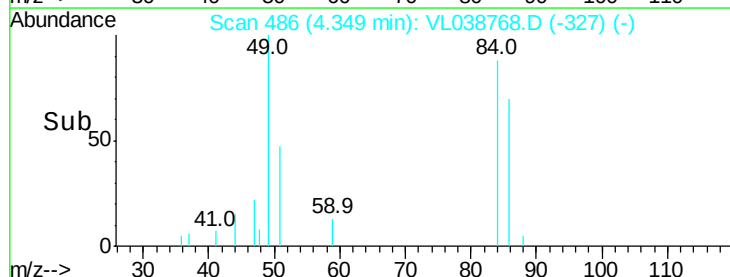
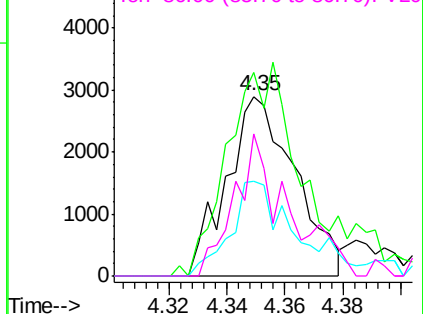


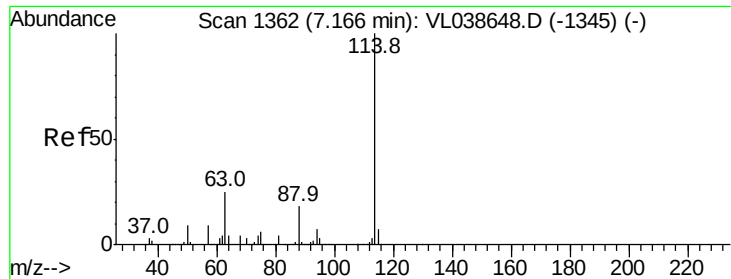
Abundance Ion 84.00 (83.70 to 84.70): VL0

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

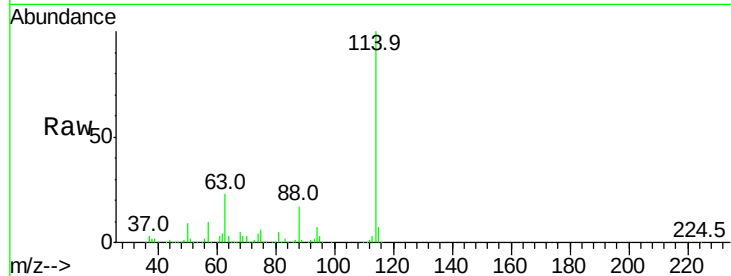




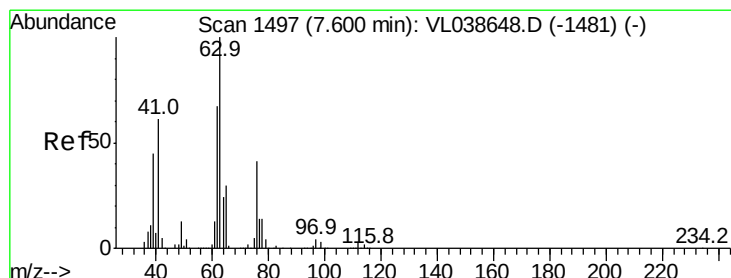
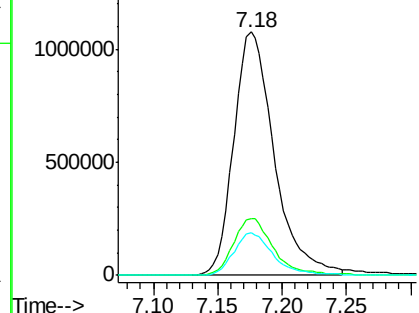
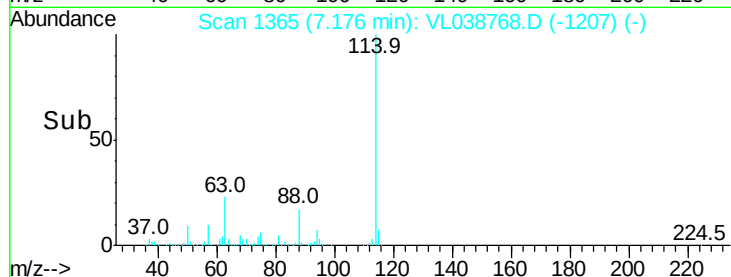
#33
 1,4-Difluorobenzene
 Concen: 10.00 ppbv
 RT: 7.18 min
 Delta R.T. MSVOA_L
 Lab File: ClientSampleId : VL0328ABL01
 Acq: 28 Mar 2022 10:18

Tgt Ion: 114 Resp: 2348584

Ion	Ratio	Lower	Upper
114	100		
63	23.9	19.4	29.0
88	17.5	13.9	20.9



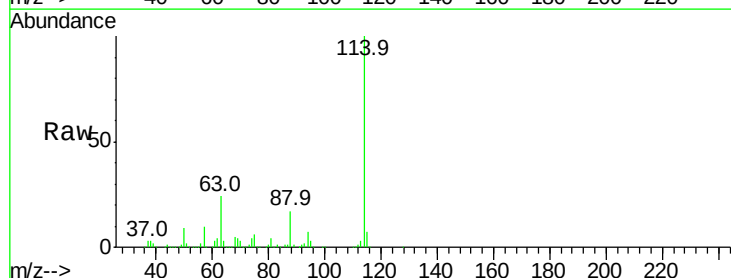
Abundance Ion 114.10 (113.80 to 114.80): VL0
 Ion 63.10 (62.80 to 63.80): VL0
 Ion 88.10 (87.80 to 88.80): VL0



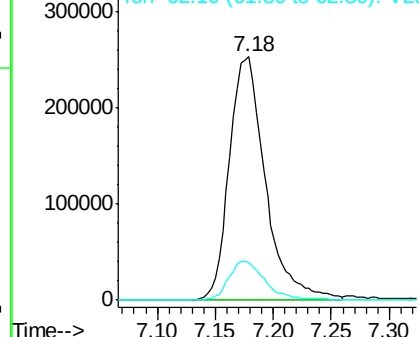
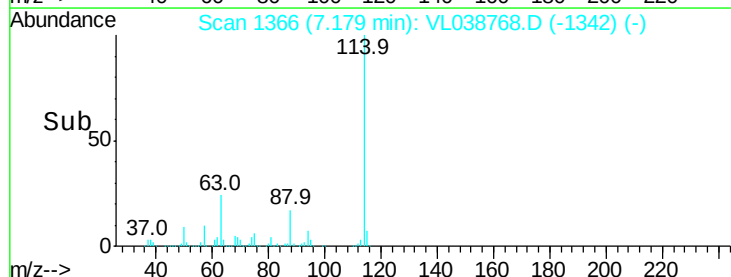
#39
 1,2-Dichloropropane
 Concen: 7.71 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T. -0.42 min
 Lab File: VL038768.D
 Acq: 28 Mar 2022 10:18

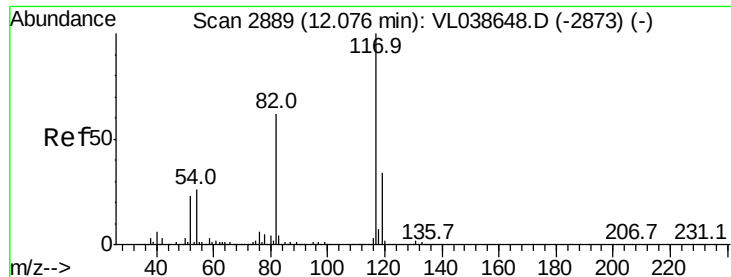
Tgt Ion: 63 Resp: 546527

Ion	Ratio	Lower	Upper
63	100		
41	0.0	49.0	73.6#
62	15.2	53.9	80.9#



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

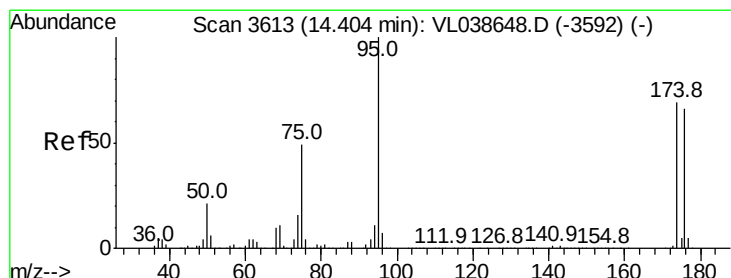
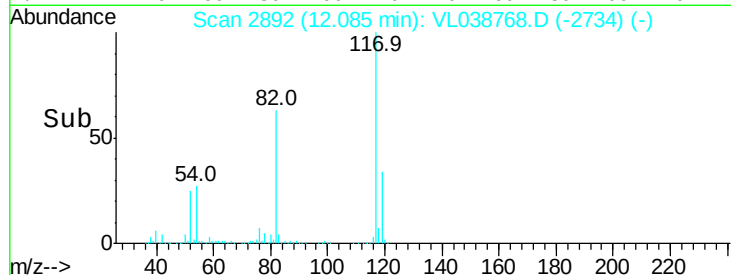
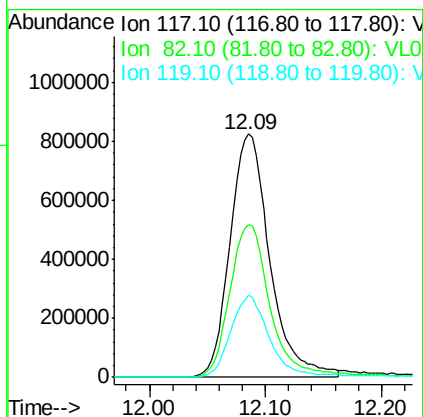
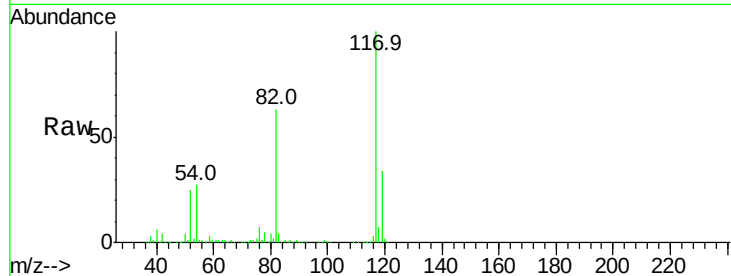




#55
Chlorobenzene-d5
Concen: 10.00 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL0328ABL01
Acq: 28 Mar 2022 10:18

Tgt Ion: 117 Resp: 1965813

Ion	Ratio	Lower	Upper
117	100		
82	66.2	51.6	77.4
119	34.2	26.9	40.3



#68
1-Bromo-4-Fluorobenzene
Concen: 9.81 ppbv
RT: 14.41 min Scan# 3616
Delta R.T.: 0.01 min
Lab File: VL038768.D
Acq: 28 Mar 2022 10:18

Tgt Ion: 95 Resp: 1478121

Ion	Ratio	Lower	Upper
95	100		
174	71.3	56.1	84.1
175	5.1	4.2	6.2

