

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL101821\
 Data File : VL037854.D
 Acq On : 18 Oct 2021 15:40
 Operator : SY/AP
 Sample : VL1018ABL01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1018ABL01

Quant Time: Oct 19 08:33:15 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021
 QLast Update : Mon Oct 04 17:43:54 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1308790	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3860376	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3280994	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2200478	9.59	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.90%

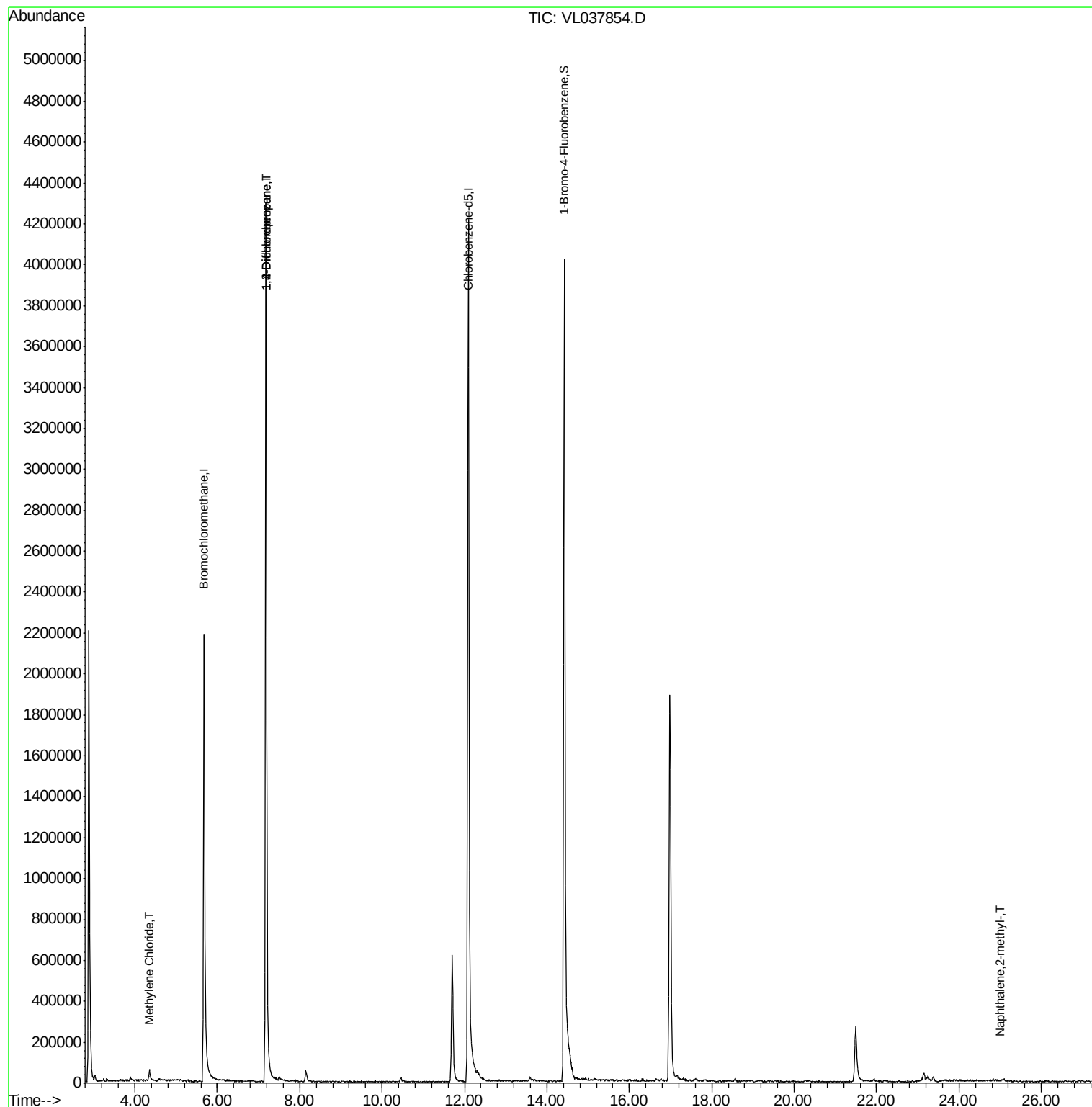
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	4.36	84	11903	0.201	ppbv #	73
39) 1,2-Dichloropropane	7.18	63	904888	7.296	ppbv #	29
80) Naphthalene,2-methyl-	25.00	142	2212	0.034	ppbv #	68

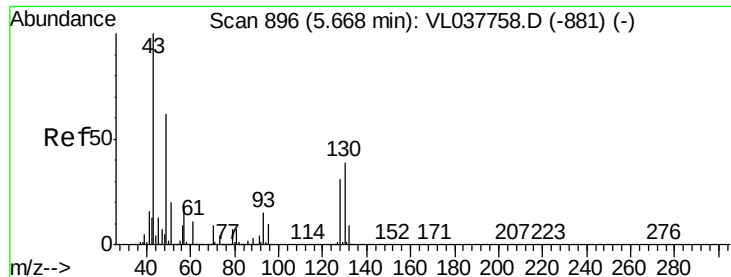
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_L\DATA\VL101821\
Data File : VL037854.D
Acq On : 18 Oct 2021 15:40
Operator : SY/AP
Sample : VL1018ABL01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1018ABL01

Quant Time: Oct 19 08:33:15 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_L\METHODS\VL100421AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Oct 04 17:43:54 2021
QLast Update : Mon Oct 04 17:43:54 2021
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 10.000 ppbv

RT: 5.67 Instrument: MSVOA_1

Delta R.T.

Lab File: ClientSampleId: VL1018ABL01

Acq: 18 Oct 2021 15:40

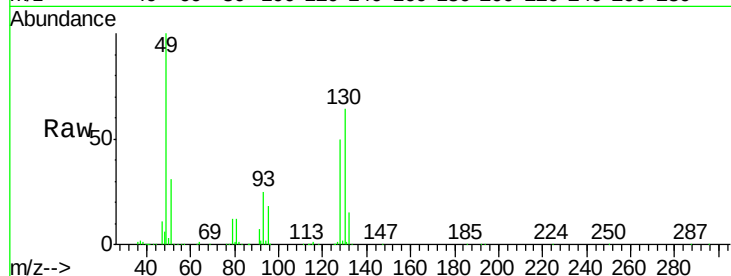
Tgt Ion: 49 Resp: 1308790

Ion Ratio Lower Upper

49 100

128 56.0 27.1 81.3

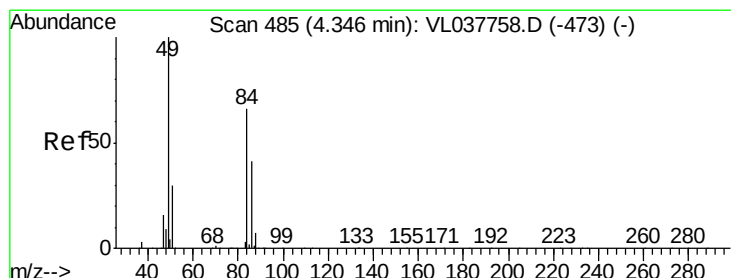
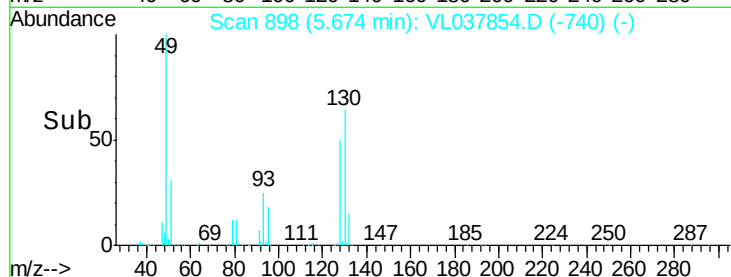
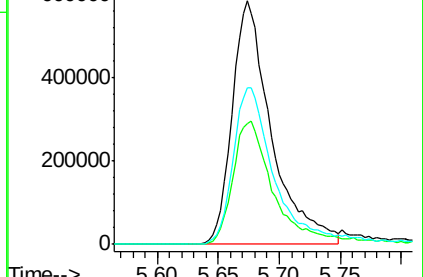
130 69.8 33.2 99.6



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: 0.201 ppbv

RT: 4.36 min Scan# 488

Delta R.T. 0.01 min

Lab File: VL037854.D

Acq: 18 Oct 2021 15:40

Tgt Ion: 84 Resp: 11903

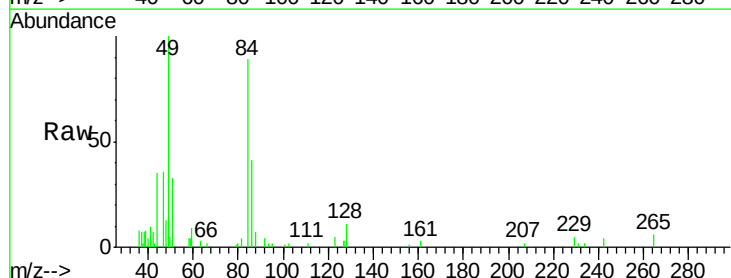
Ion Ratio Lower Upper

84 100

49 110.5 120.7 181.1#

51 32.2 36.2 54.4#

86 45.3 49.6 74.4#

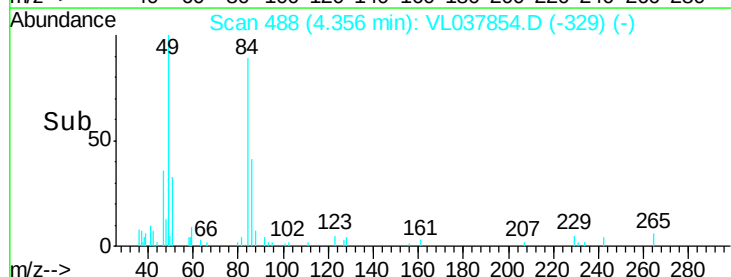
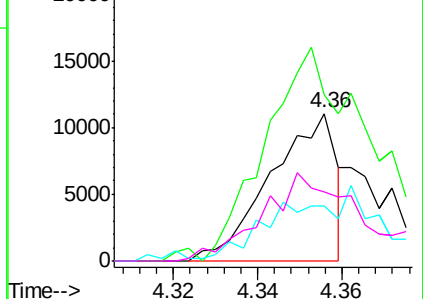


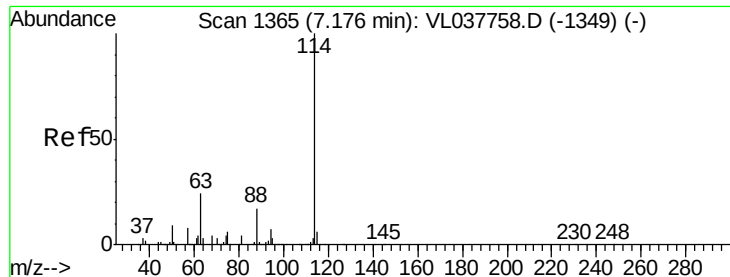
Abundance Ion 84.00 (83.70 to 84.70): VL0

Ion 49.10 (48.80 to 49.80): VL0

Ion 51.10 (50.80 to 51.80): VL0

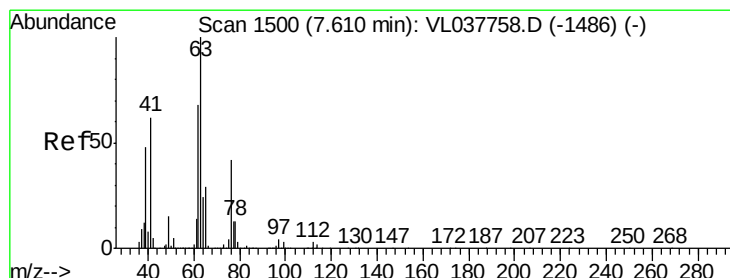
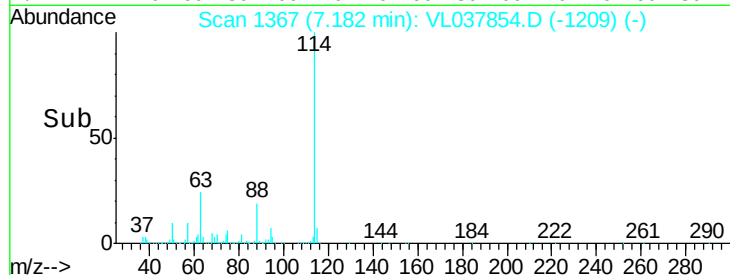
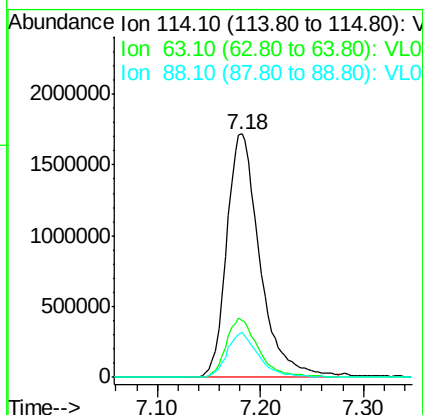
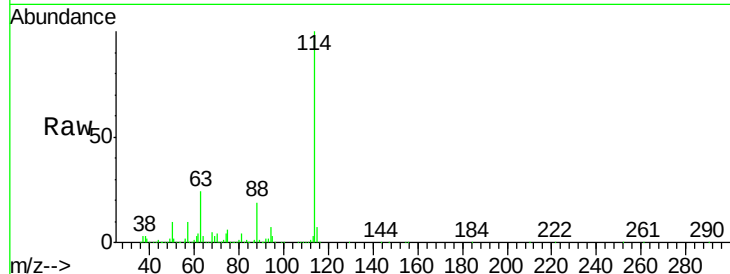
Ion 86.00 (85.70 to 86.70): VL0





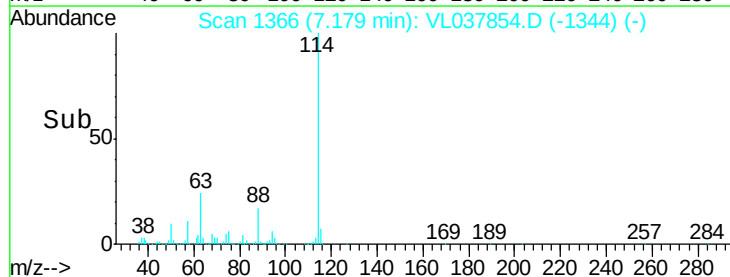
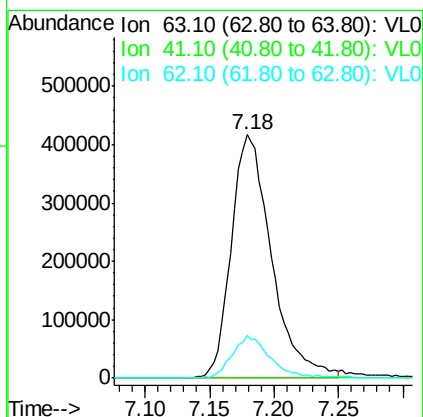
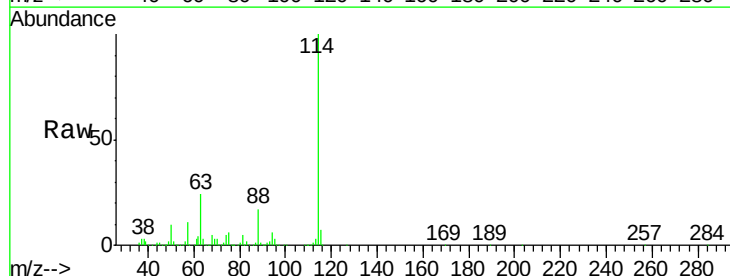
#33
 1,4-Difluorobenzene
 Concen: 10.000 ppbv
 RT: 7.18 min
 Instrument: MSVOA_1
 Delta R.T.:
 Lab File: ClientSampleId:
 VL1018ABL01
 Acq: 18 Oct 2021 15:40

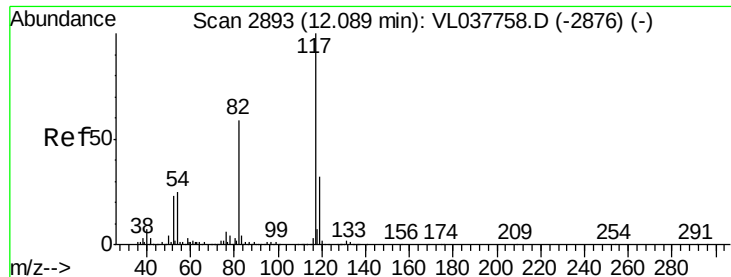
Tgt Ion:	114	Resp:	3860376
Ion	Ratio	Lower	Upper
114	100		
63	24.0	19.4	29.2
88	17.8	14.4	21.6



#39
 1,2-Dichloropropane
 Concen: 7.296 ppbv
 RT: 7.18 min Scan# 1366
 Delta R.T.: -0.43 min
 Lab File: VL037854.D
 Acq: 18 Oct 2021 15:40

Tgt Ion:	63	Resp:	904888
Ion	Ratio	Lower	Upper
63	100		
41	0.2	49.8	74.6#
62	17.4	54.6	82.0#

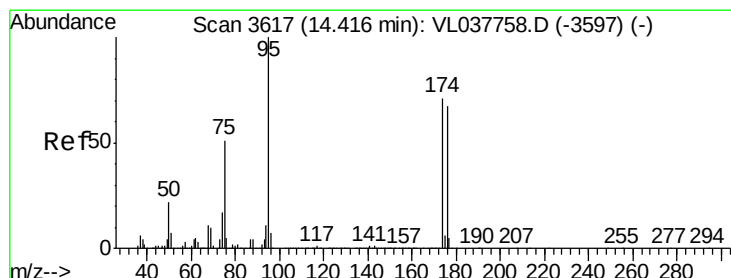
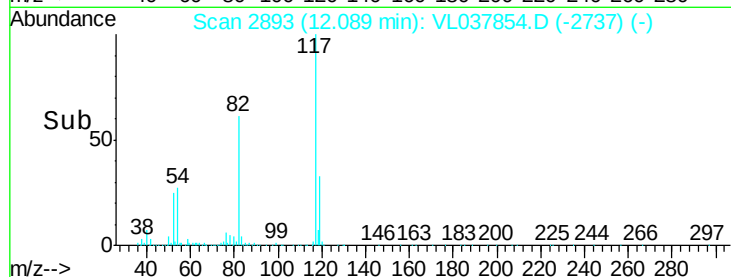
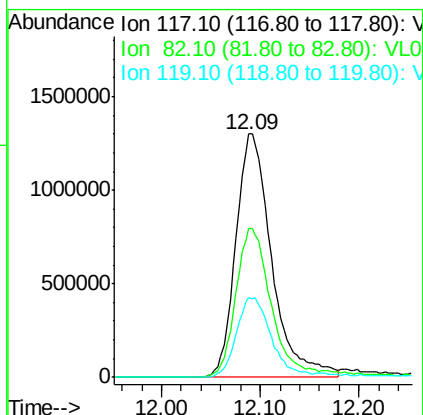
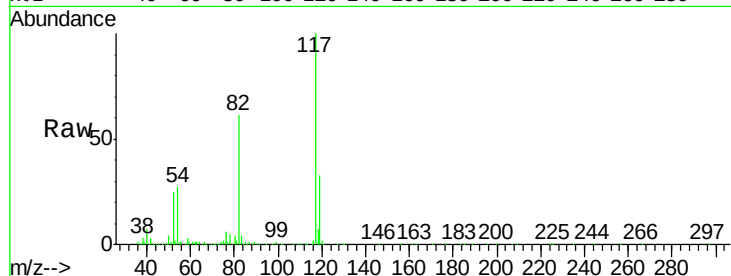




#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.09 min
Instrument: MSVOA_1
Delta R.T.:
Lab File: ClientSampleId : VL1018ABL01
Acq: 18 Oct 2021 15:40

Tgt Ion: 117 Resp: 3280994

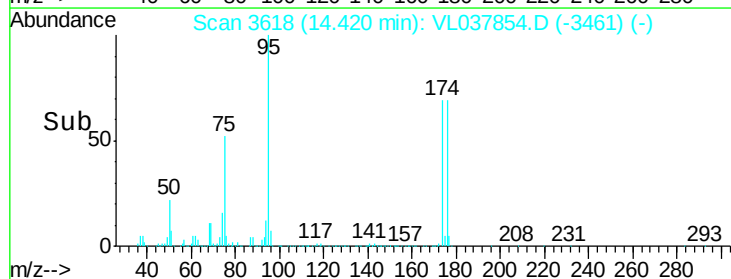
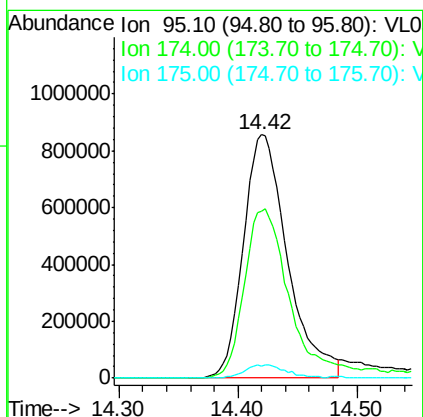
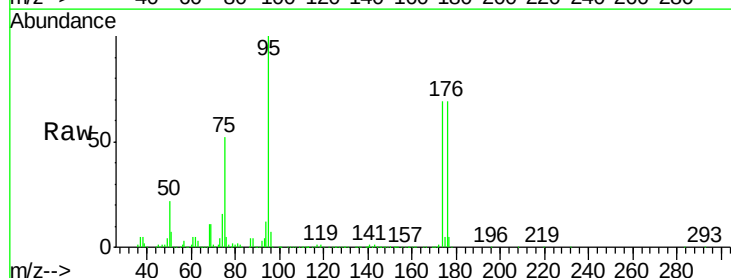
Ion	Ratio	Lower	Upper
117	100		
82	64.3	52.2	78.2
119	34.2	26.0	39.0

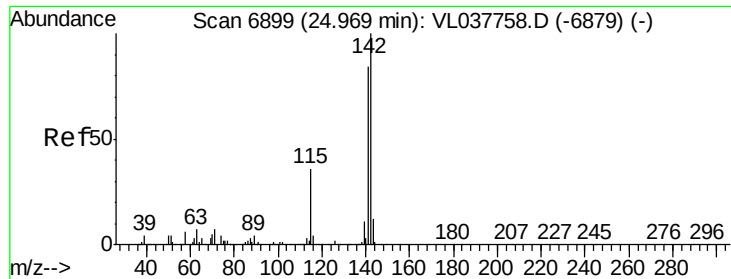


#68
1-Bromo-4-Fluorobenzene
Concen: 9.591 ppbv
RT: 14.42 min Scan# 3618
Delta R.T.: 0.00 min
Lab File: VL037854.D
Acq: 18 Oct 2021 15:40

Tgt Ion: 95 Resp: 2200478

Ion	Ratio	Lower	Upper
95	100		
174	77.1	57.8	86.6
175	5.8	4.7	7.1





#80

Naphthalene, 2-methyl-

Concen: 0.034 ppbv

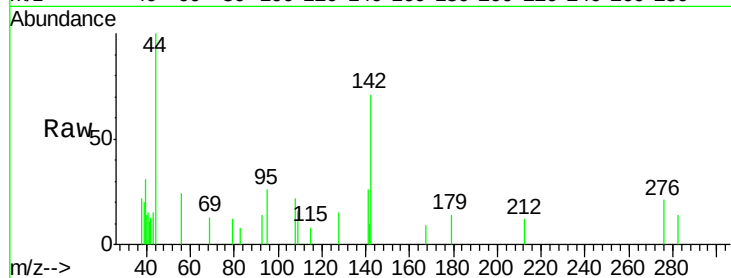
RT: 25.00

Delta R.T: MSVOA_L

Lab File: ClientSampleId:

Acq: 18 Oct 2021 15:40

Tgt Ion:	142	Resp:	2212
Ion Ratio	Lower	Upper	
142	100		
141	59.7	68.6	102.8#
115	12.5	29.0	43.6#



Abundance Ion 142.00 (141.70 to 142.70): V

Ion 141.00 (140.70 to 141.70): V

Ion 115.00 (114.70 to 115.70): V

