

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020924\
 Data File : VL041059.D
 Acq On : 9 Feb 2024 15:44
 Operator : SY/MD
 Sample : P1420-03DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA3DUPDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/12/2024
 Supervised By :Mahesh Dadoda 02/12/2024

Quant Time: Feb 12 00:47:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL012324AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Mon Feb 12 00:40:04 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.182	49	1216145	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.645	114	3409061	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.459	117	3042516	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.770	95	2248145	9.783	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.800%
Target Compounds						
					Qvalue	
4) Chloromethane	2.800	50	7773m	0.101	ppbv	
13) Ethanol	3.224	45	1073316	67.123	ppbv	95
15) Acetone	3.459	43	215943	1.389	ppbv	100
19) Isopropyl Alcohol	3.568	45	501172	5.567	ppbv	99

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

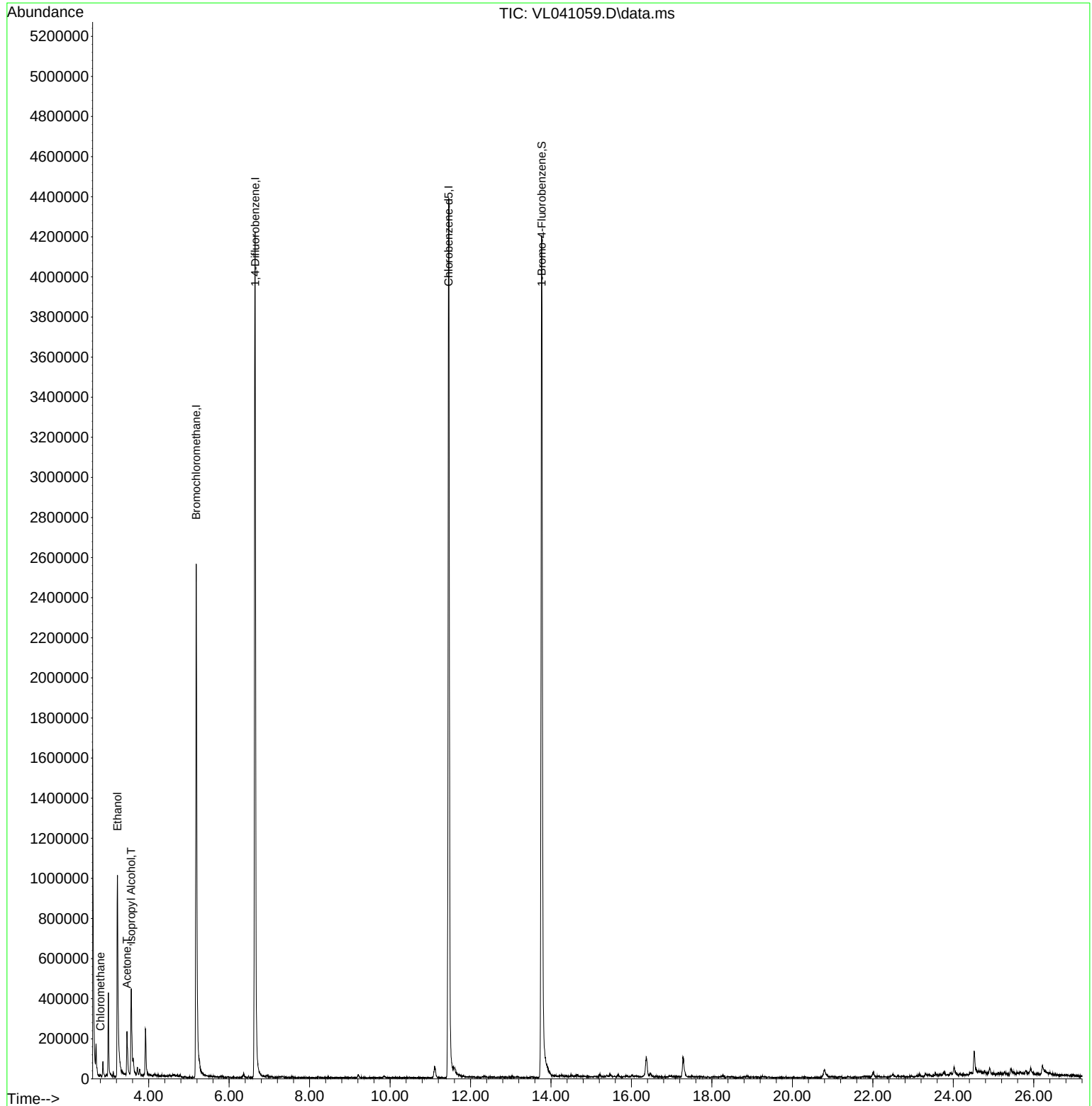
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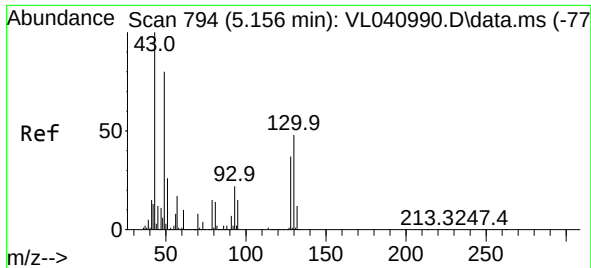
Instrument :
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Quant Time: Feb 12 00:47:48 2024
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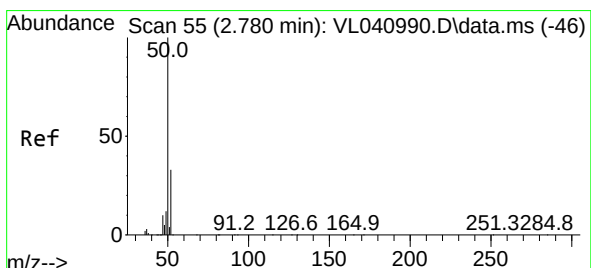
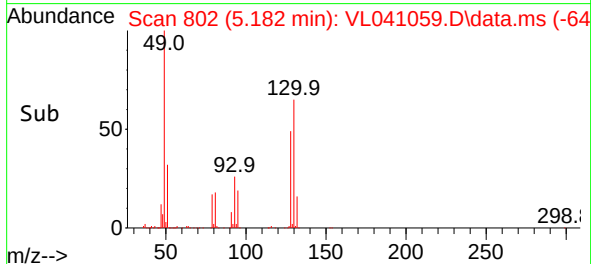
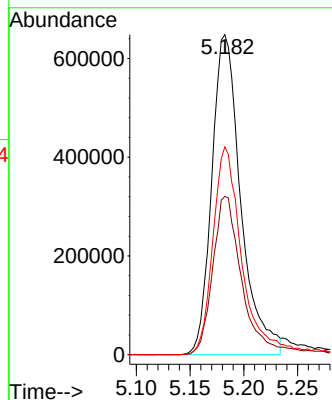
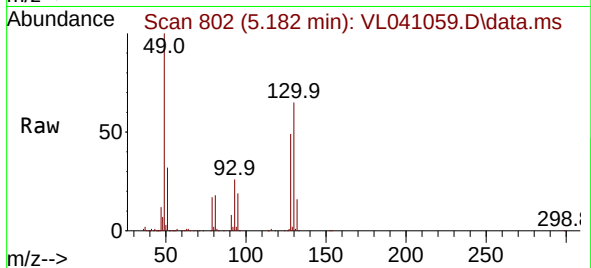
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL041059.D
Acq: 9 Feb 2024 15:44

Instrument :
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ClientSampleId :
IA3DUPDL

Tgt Ion: 49 Resp: 121614
Ion Ratio Lower Upper
49 100
128 51.3 23.9 71.7
130 67.9 31.1 93.5

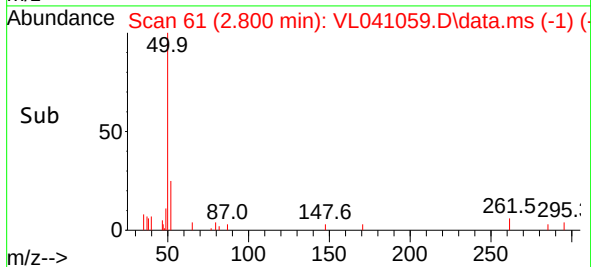
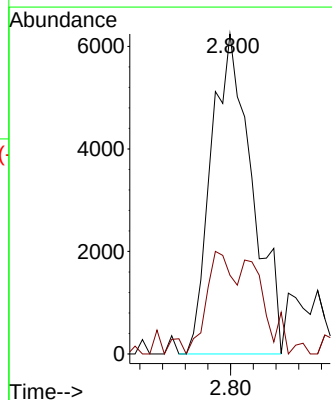
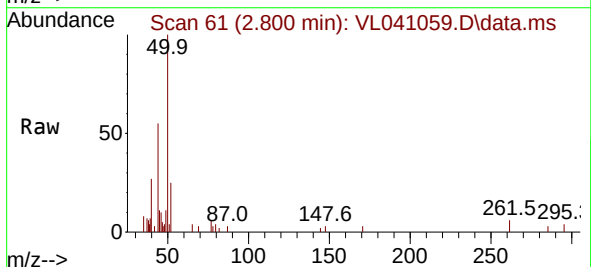
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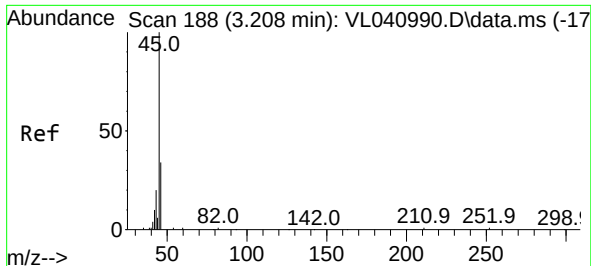
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Supervised By :Mahesh Dadoda 02/12/2024



#4
Chloromethane
Concen: 0.101 ppbv m
RT: 2.800 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL041059.D
Acq: 9 Feb 2024 15:44

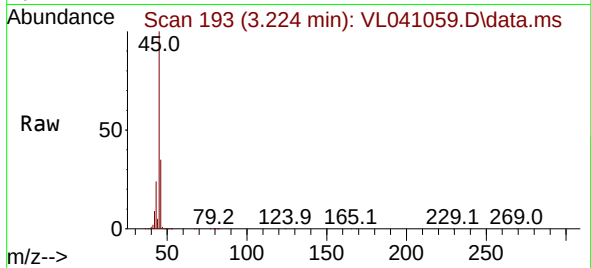
Tgt Ion: 50 Resp: 7773
Ion Ratio Lower Upper
50 100
52 24.6 26.2 39.4





#13
Ethanol
Concen: 67.123 ppbv
RT: 3.224 min Scan# 193
Delta R.T. 0.000 min
Lab File: VL041059.D
Acq: 9 Feb 2024 15:44

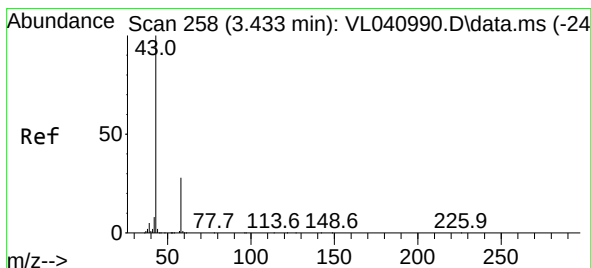
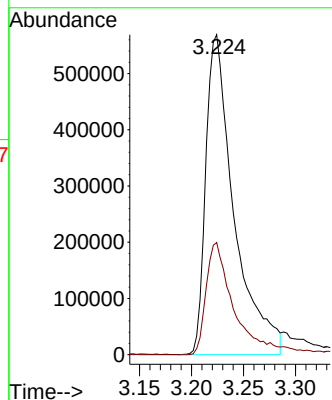
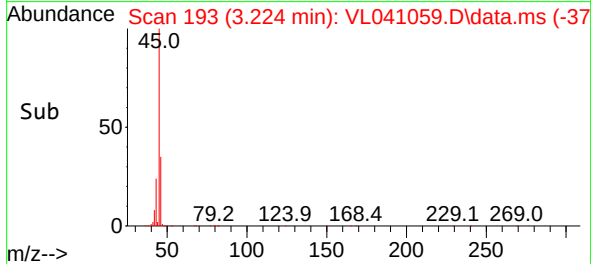
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ClientSampleId :
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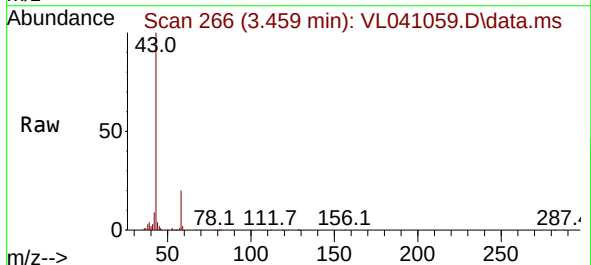
Tgt Ion: 45 Resp: 1073310
Ion Ratio Lower Upper
45 100
46 37.6 16.2 64.8

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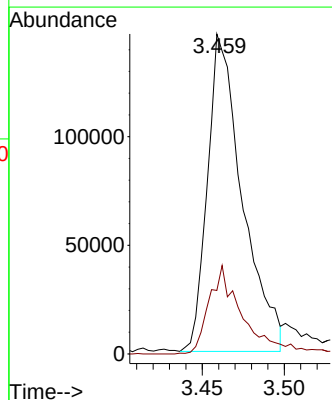
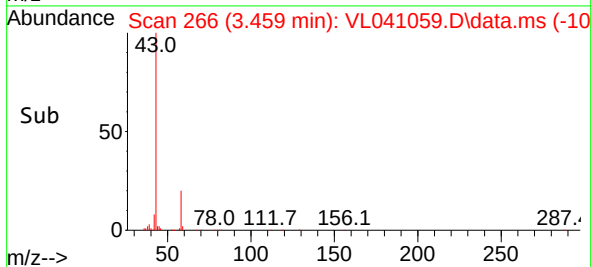
Reviewed By :Semsettin Yesilyurt 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024

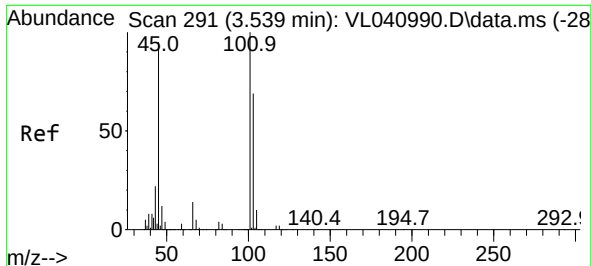


#15
Acetone
Concen: 1.389 ppbv
RT: 3.459 min Scan# 266
Delta R.T. 0.007 min
Lab File: VL041059.D
Acq: 9 Feb 2024 15:44



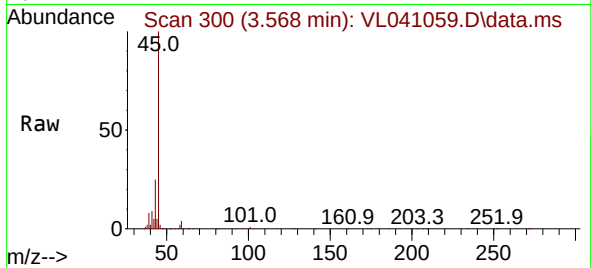
Tgt Ion: 43 Resp: 215943
Ion Ratio Lower Upper
43 100
58 27.6 22.2 33.2





#19
Isopropyl Alcohol
Concen: 5.567 ppbv
RT: 3.568 min Scan# 30
Delta R.T. 0.007 min
Lab File: VL041059.D
Acq: 9 Feb 2024 15:44

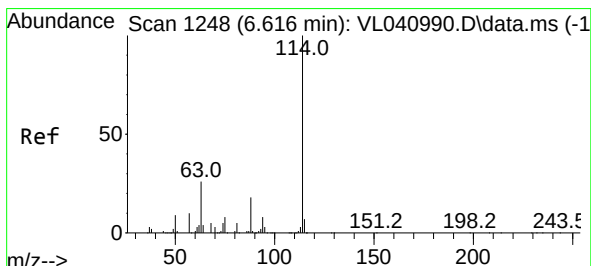
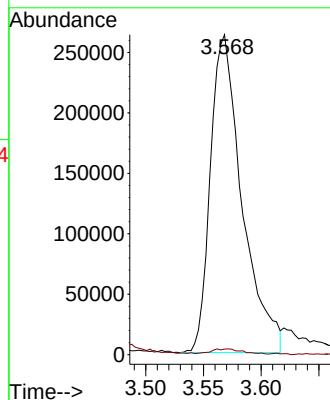
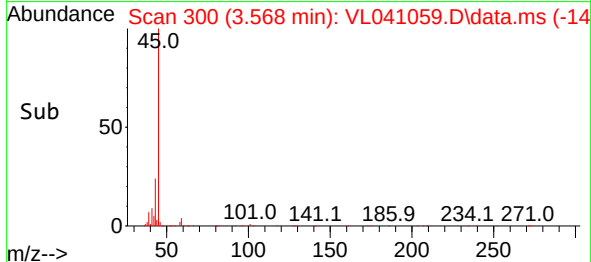
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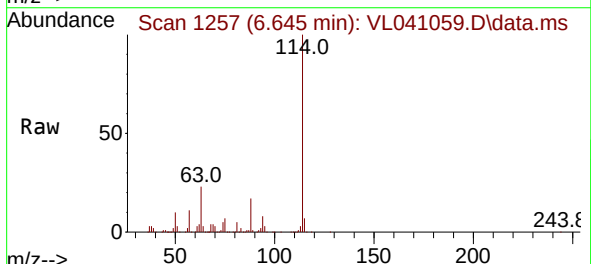
Tgt Ion: 45 Resp: 501172
Ion Ratio Lower Upper
45 100
58 2.3 2.2 3.4

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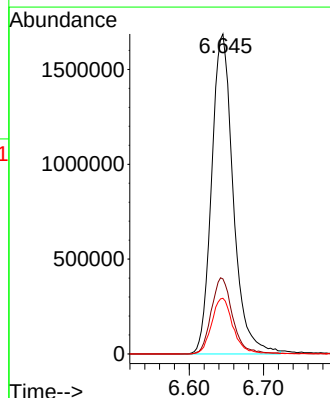
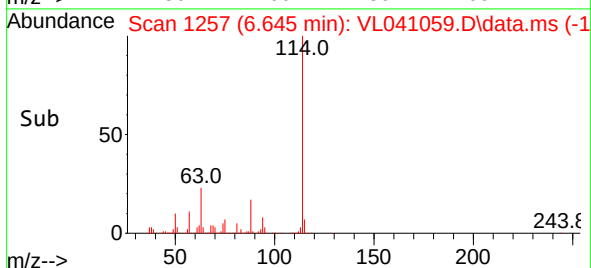
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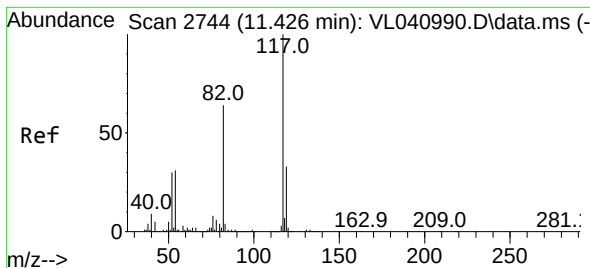


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 1257
Delta R.T. 0.003 min
Lab File: VL041059.D
Acq: 9 Feb 2024 15:44



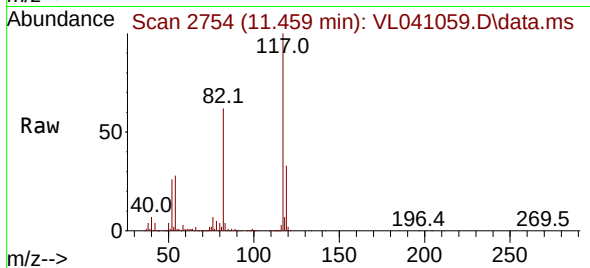
Tgt Ion:114 Resp: 3409061
Ion Ratio Lower Upper
114 100
63 23.7 20.8 31.2
88 17.5 14.3 21.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.459 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL041059.D
Acq: 9 Feb 2024 15:44

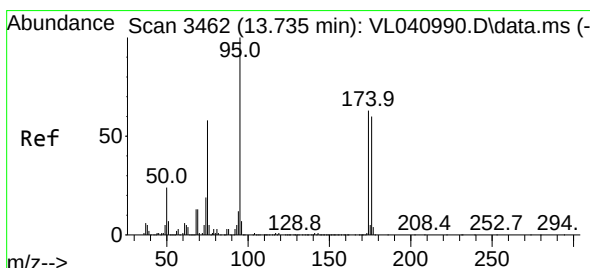
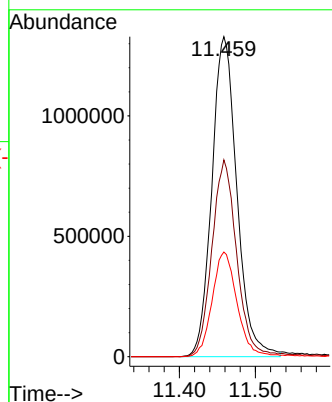
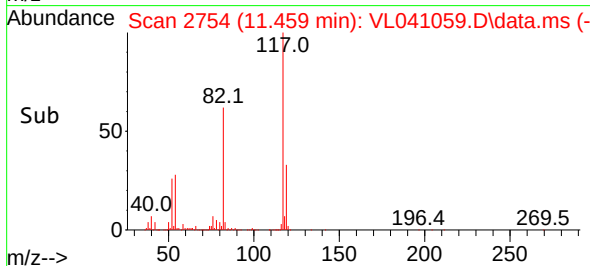
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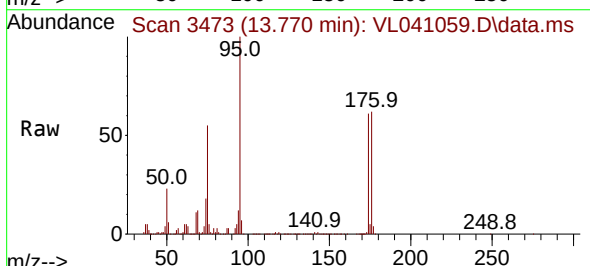
Tgt Ion: 117 Resp: 3042510
Ion Ratio Lower Upper
117 100
82 62.3 51.7 77.5
119 33.0 23.8 35.6

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.783 ppbv
RT: 13.770 min Scan# 3473
Delta R.T. 0.010 min
Lab File: VL041059.D
Acq: 9 Feb 2024 15:44



Tgt Ion: 95 Resp: 2248145
Ion Ratio Lower Upper
95 100
174 65.0 49.1 73.7
175 4.7 3.7 5.5

