

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL020924\
 Data File : VL041061.D
 Acq On : 9 Feb 2024 17:03
 Operator : SY/MD
 Sample : P1420-06DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OA1DL

Manual Integrations
 APPROVED

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

Quant Time: Feb 12 00:48:43 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	5.189	49	1170707	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.648	114	3152895	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2811690	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	2093811	9.859	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.600%
Target Compounds						
					Qvalue	
13) Ethanol	3.247	45	39451m	2.563	ppbv	
15) Acetone	3.472	43	102770	0.686	ppbv	100
20) Methylene Chloride	3.928	84	180728	3.137	ppbv	97
26) Hexane	5.211	57	113177	0.978	ppbv #	40

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

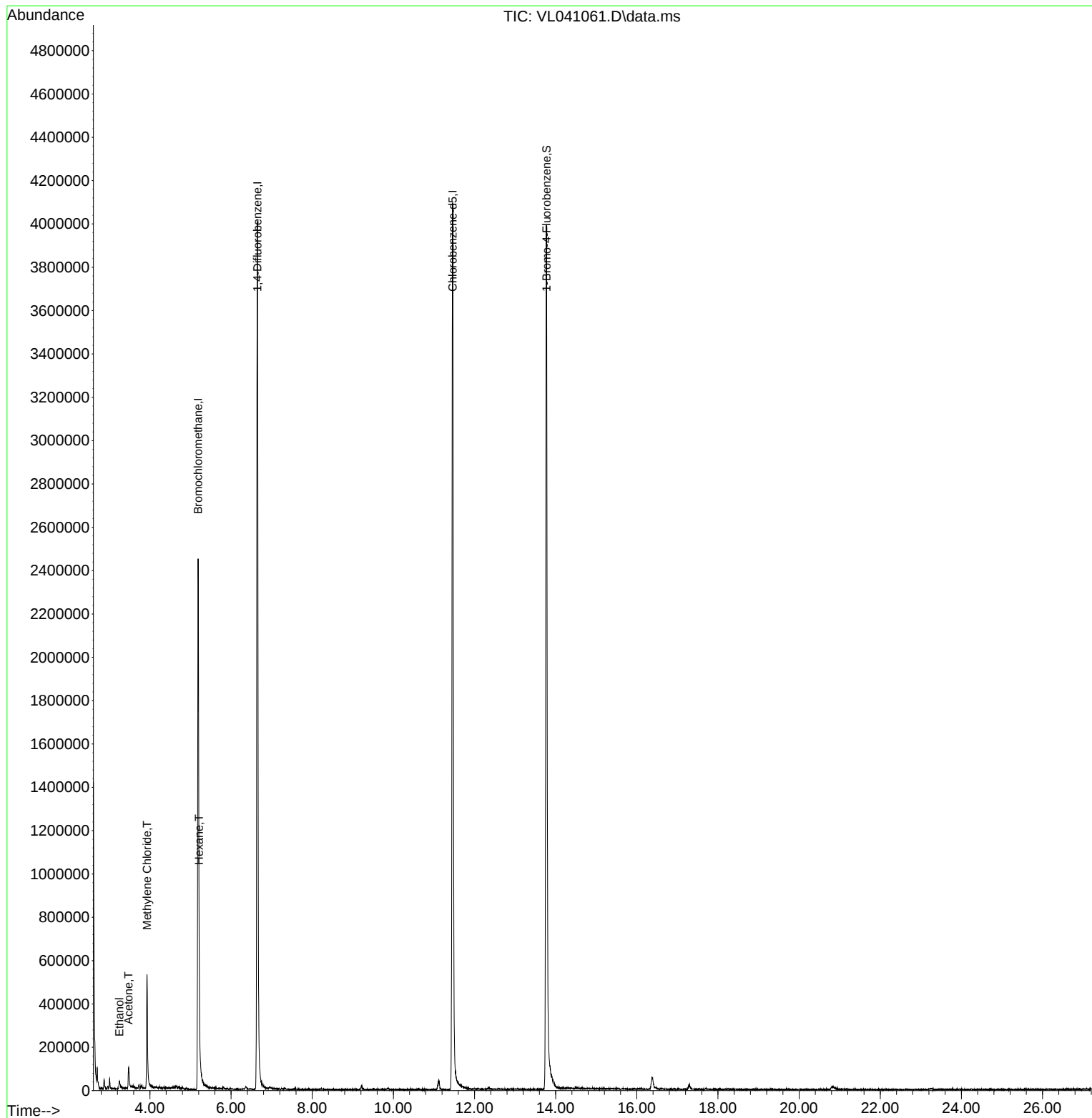
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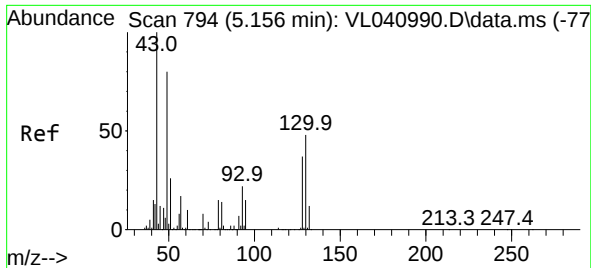
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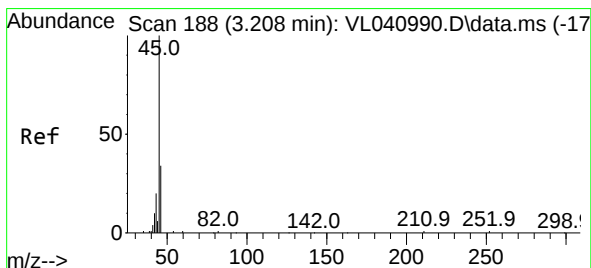
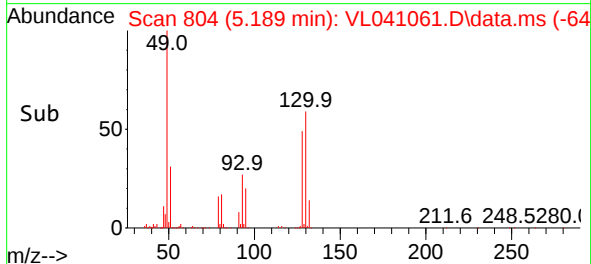
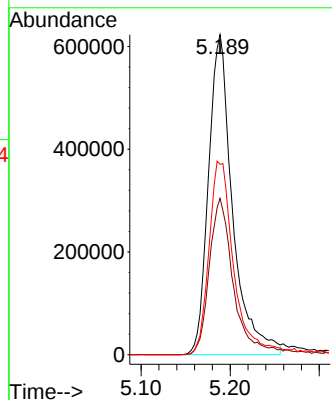
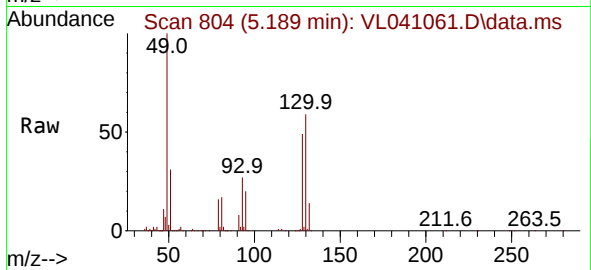
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. 0.013 min
Lab File: VL041061.D
Acq: 9 Feb 2024 17:03

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 49 Resp: 117070
Ion Ratio Lower Upper
49 100
128 50.6 23.9 71.7
130 64.5 31.1 93.5

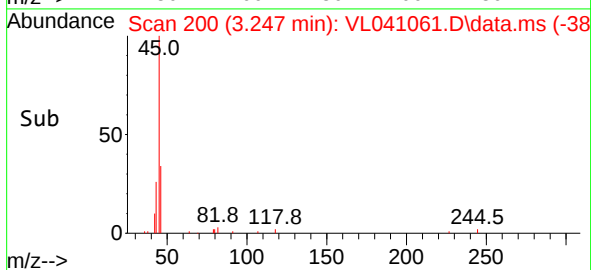
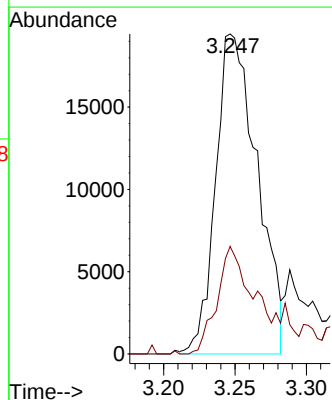
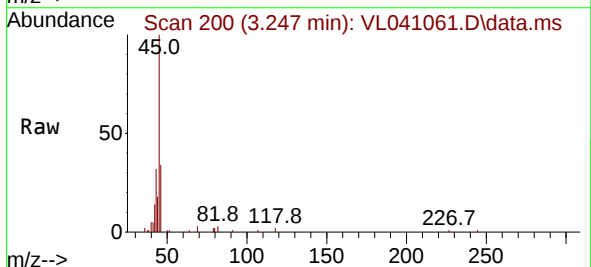
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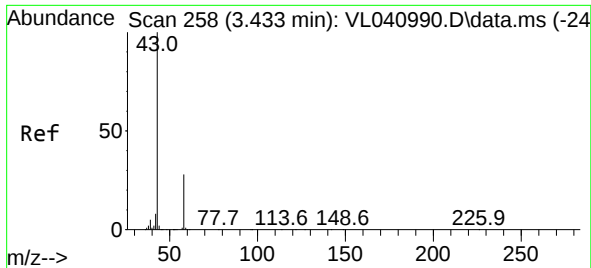
Reviewed By :Semsettin Yesilyurt 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#13
Ethanol
Concen: 2.563 ppbv m
RT: 3.247 min Scan# 200
Delta R.T. 0.022 min
Lab File: VL041061.D
Acq: 9 Feb 2024 17:03

Tgt Ion: 45 Resp: 39451
Ion Ratio Lower Upper
45 100
46 41.6 16.2 64.8





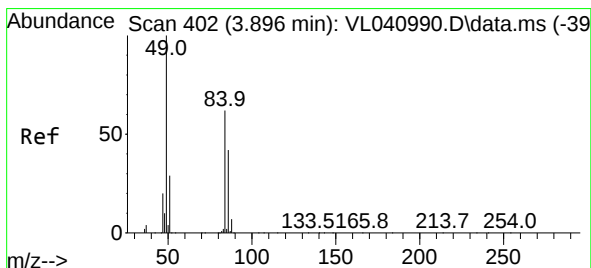
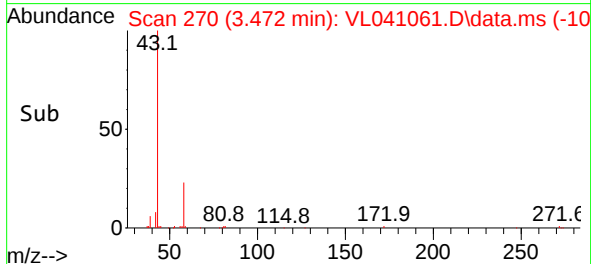
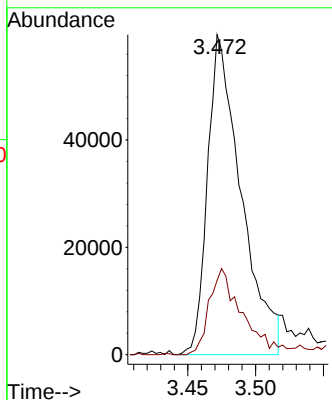
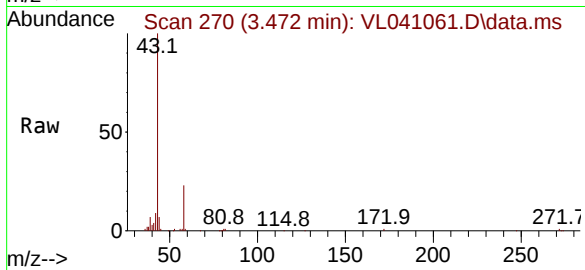
#15
Acetone
Concen: 0.686 ppbv
RT: 3.472 min Scan# 21
Delta R.T. 0.019 min
Lab File: VL041061.D
Acq: 9 Feb 2024 17:03

Instrument :
MSVOA_L
ClientSampleId :
OA1DL

Tgt Ion: 43 Resp: 102770
Ion Ratio Lower Upper
43 100
58 27.6 22.2 33.2

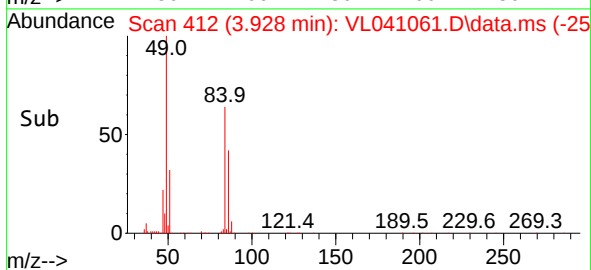
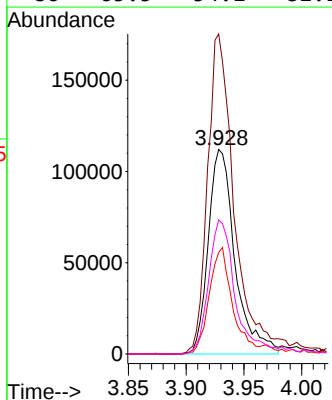
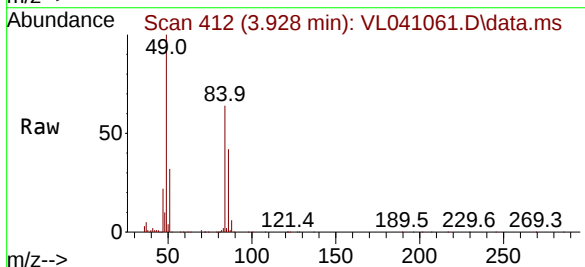
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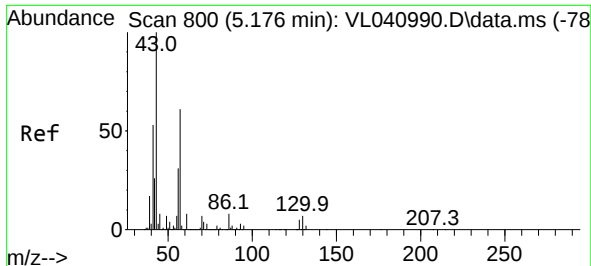
Reviewed By :Semsettin Yesilyurt 02/12/2024
Supervised By :Mahesh Dadoda 02/12/2024



#20
Methylene Chloride
Concen: 3.137 ppbv
RT: 3.928 min Scan# 412
Delta R.T. 0.010 min
Lab File: VL041061.D
Acq: 9 Feb 2024 17:03

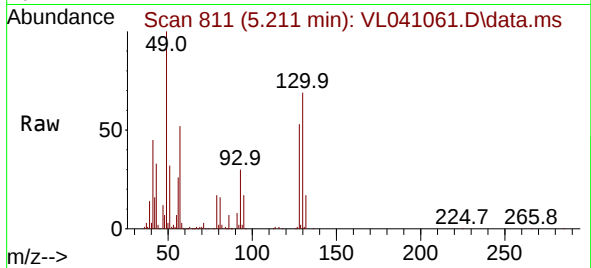
Tgt Ion: 84 Resp: 180728
Ion Ratio Lower Upper
84 100
49 156.5 128.1 192.1
51 49.6 36.5 54.7
86 65.5 54.1 81.1





#26
Hexane
Concen: 0.978 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.013 min
Lab File: VL041061.D
Acq: 9 Feb 2024 17:03

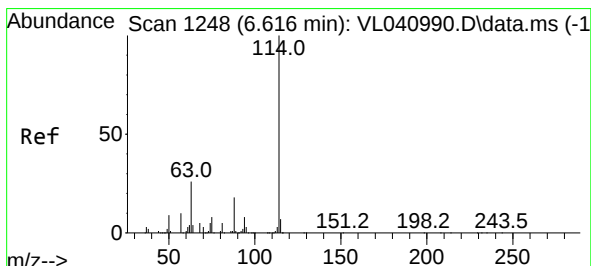
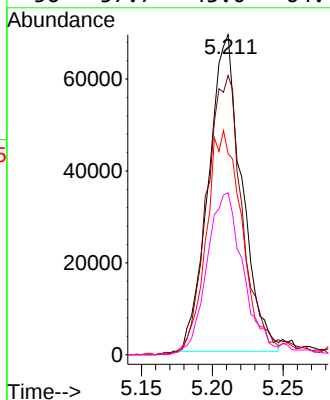
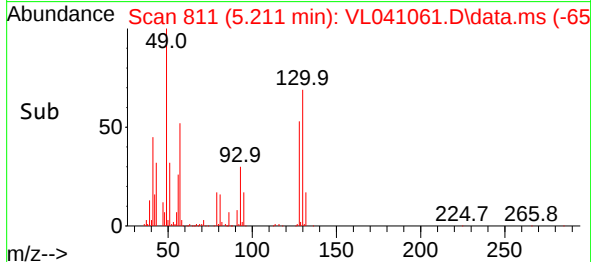
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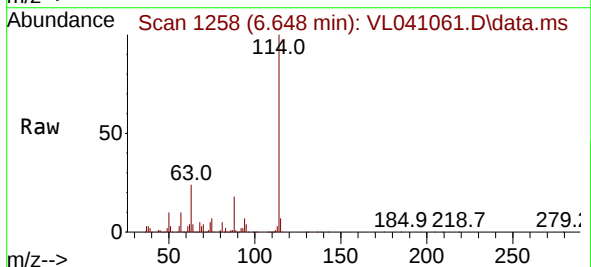
Tgt Ion: 57 Resp: 113172
Ion Ratio Lower Upper
57 100
41 98.5 74.4 111.6
43 79.5 190.6 285.8
56 57.7 43.0 64.4

Manual Integrations
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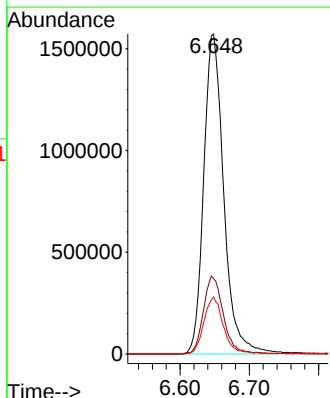
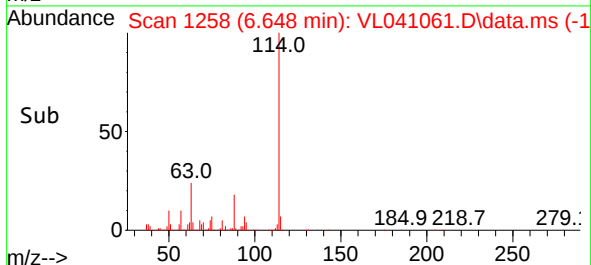
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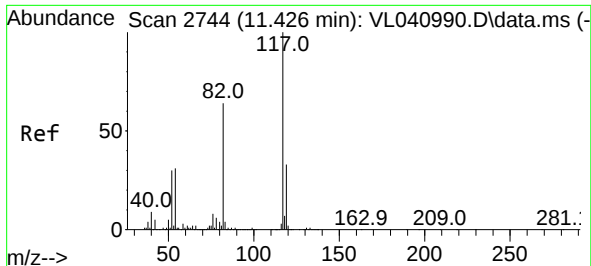


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VL041061.D
Acq: 9 Feb 2024 17:03



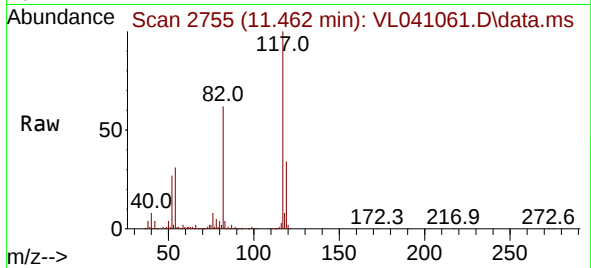
Tgt Ion:114 Resp: 3152895
Ion Ratio Lower Upper
114 100
63 24.3 20.8 31.2
88 17.4 14.3 21.5





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL041061.D
Acq: 9 Feb 2024 17:03

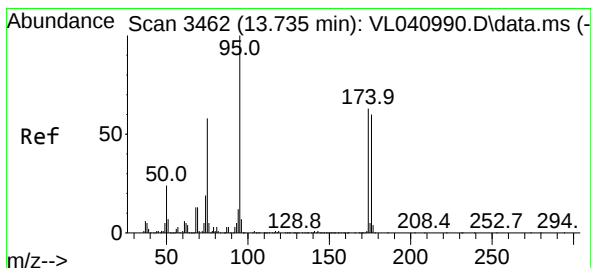
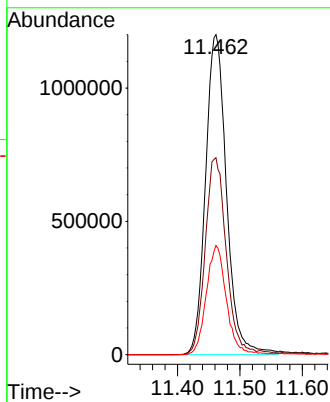
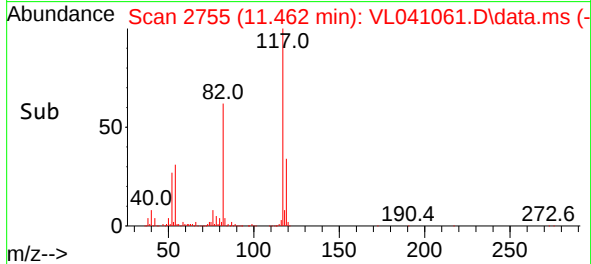
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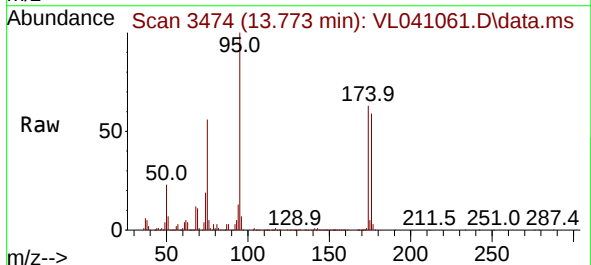
Tgt Ion:117 Resp: 2811690
Ion Ratio Lower Upper
117 100
82 62.9 51.7 77.5
119 33.0 23.8 35.6

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#68
1-Bromo-4-Fluorobenzene
Concen: 9.859 ppbv
RT: 13.773 min Scan# 3474
Delta R.T. 0.013 min
Lab File: VL041061.D
Acq: 9 Feb 2024 17:03



Tgt Ion: 95 Resp: 2093811
Ion Ratio Lower Upper
95 100
174 64.7 49.1 73.7
175 4.7 3.7 5.5

