

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092122\
 Data File : VL039648.D
 Acq On : 21 Sep 2022 23:37
 Operator : SY/AP
 Sample : N4669-04DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 C0PF6DL

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

09/28/2022
 Supervised By :Mahesh
 Dadoda

Quant Time: Sep 22 08:21:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Mon Sep 19 14:26:28 2022
 Response via : Initial Calibration

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

Internal Standards							09/28/2022
1) Bromochloromethane	5.214	49	1092075	10.000	ppbv	0.00	
33) 1,4-Difluorobenzene	6.671	114	2812926	10.000	ppbv	0.01	
55) Chlorobenzene-d5	11.484	117	2567052	10.000	ppbv	0.01	
System Monitoring Compounds							
68) 1-Bromo-4-Fluorobenzene	13.793	95	1892526	9.876	ppbv	0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%	
Target Compounds							
						Qvalue	
13) Ethanol	3.263	45	494235	109.589	ppbv	72	
15) Acetone	3.504	43	220816m	1.817	ppbv		
20) Methylene Chloride	3.957	84	19918	0.355	ppbv #	92	
76) 1,4-Dichlorobenzene	16.484	146	66191m	0.376	ppbv		

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

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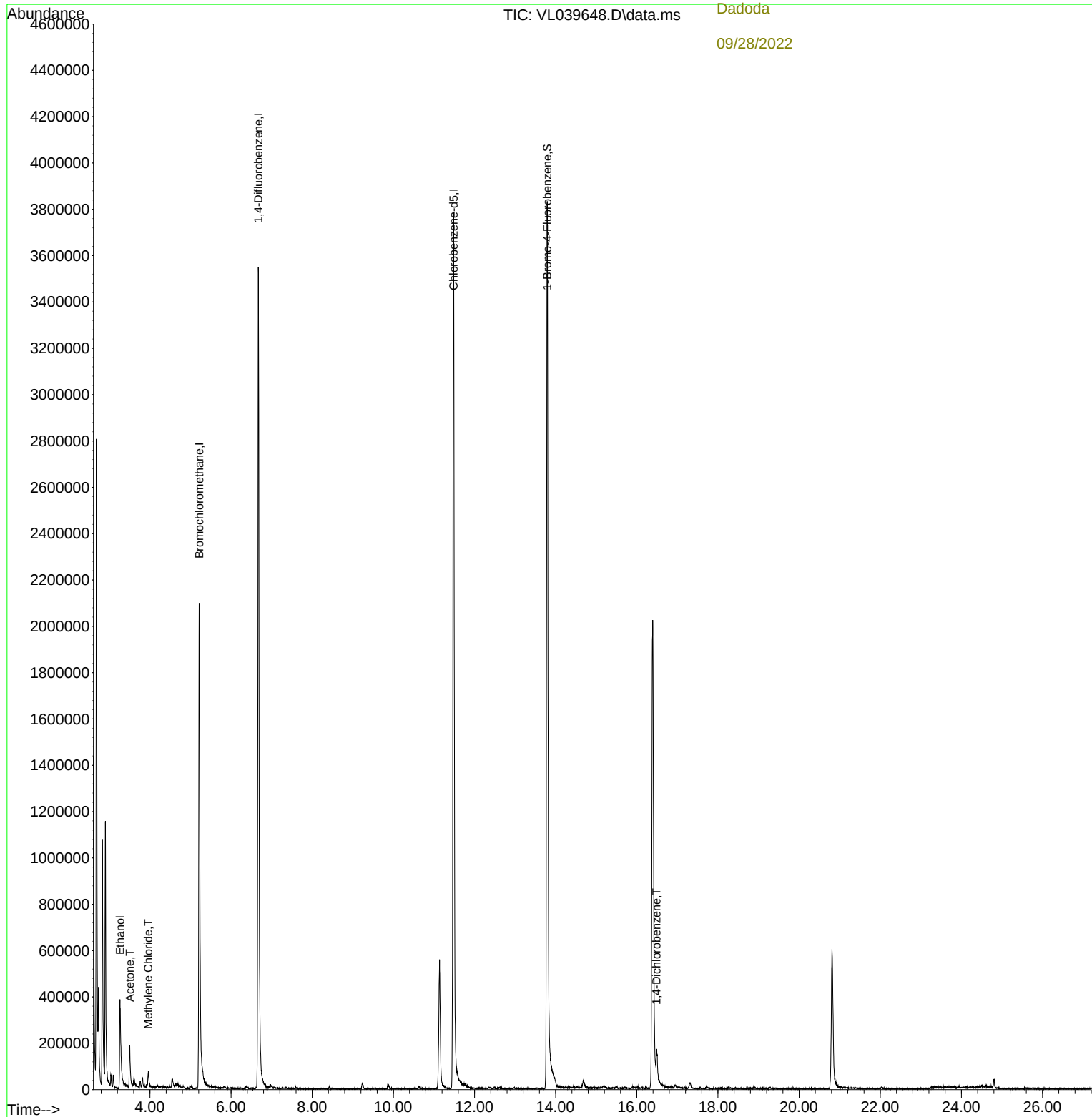
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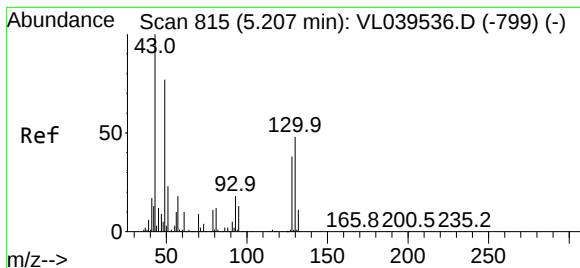
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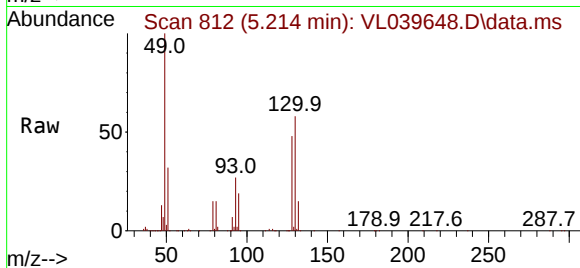
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#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 815
Delta R.T. 0.007 min
Lab File: VL039648.D
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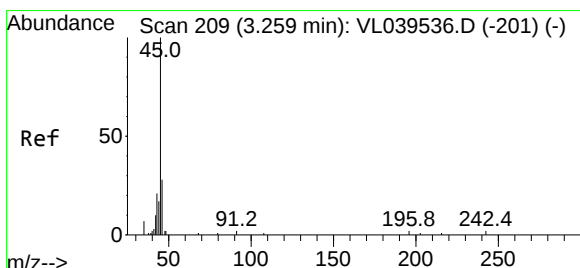
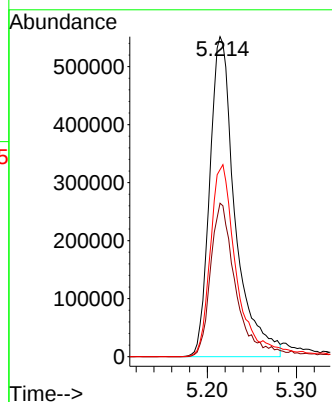
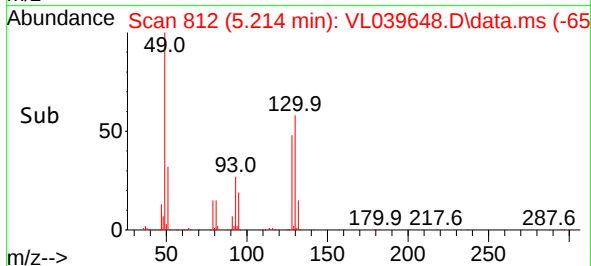
Tgt Ion: 49 Resp: 1092075
Ion Ratio Lower Upper
49 100
128 49.6 26.7 80.0
130 63.5 34.3 102.8

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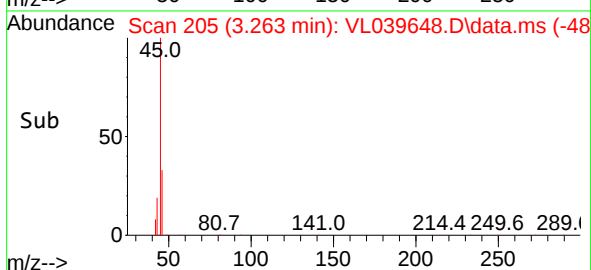
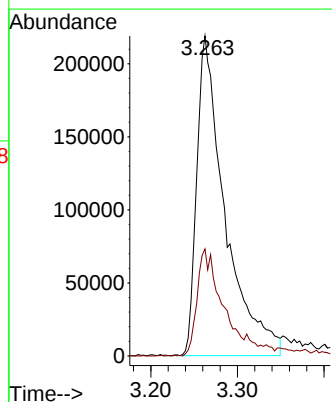
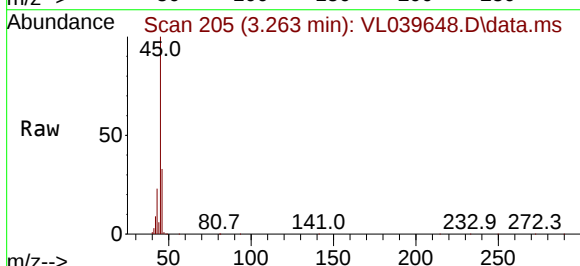
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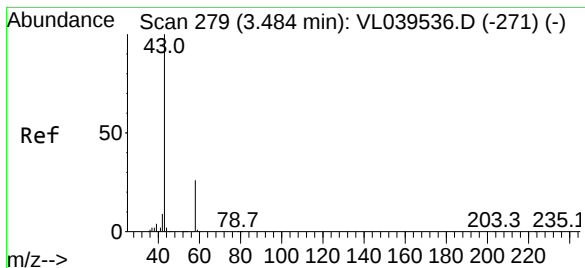
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#13
Ethanol
Concen: 109.589 ppbv
RT: 3.263 min Scan# 205
Delta R.T. 0.004 min
Lab File: VL039648.D
Acq: 21 Sep 2022 23:37

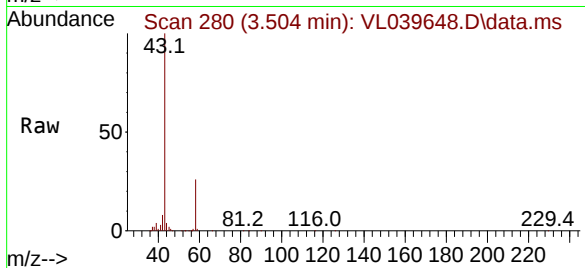
Tgt Ion: 45 Resp: 494235
Ion Ratio Lower Upper
45 100
46 36.7 22.8 91.2





#15
Acetone
Concen: 1.817 ppbv m
RT: 3.504 min Scan# 21
Delta R.T. 0.020 min
Lab File: VL039648.D
Acq: 21 Sep 2022 23:37

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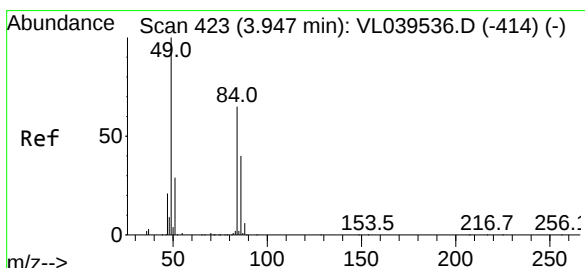
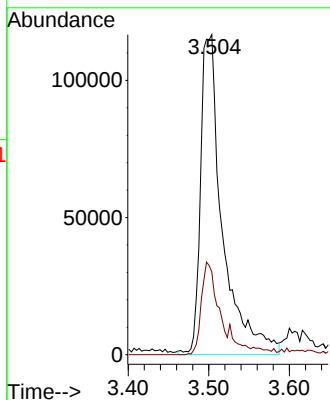
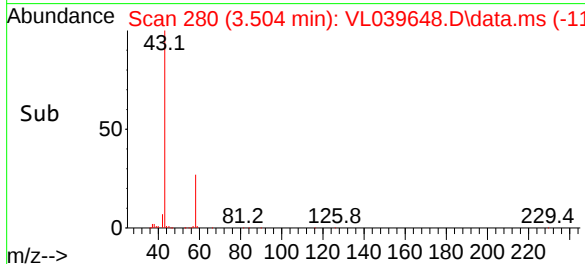
Tgt Ion: 43 Resp: 220810
Ion Ratio Lower Upper
43 100
58 26.6 21.0 31.6

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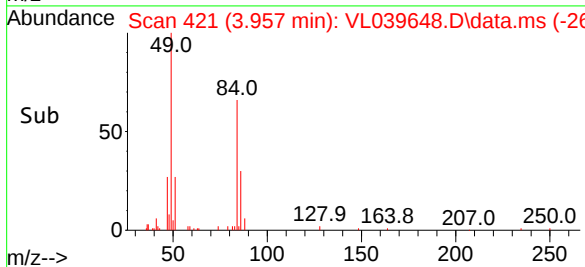
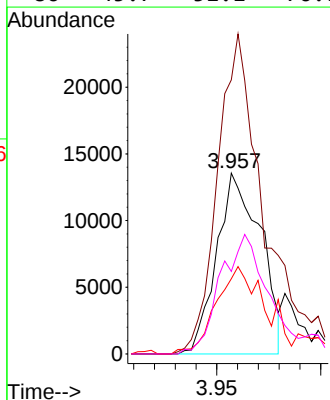
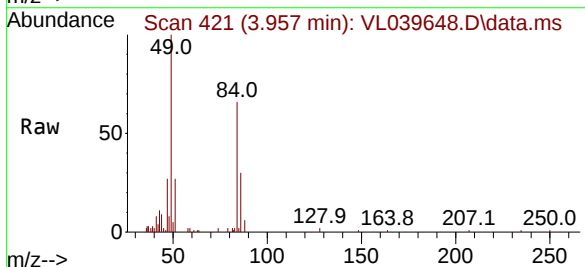
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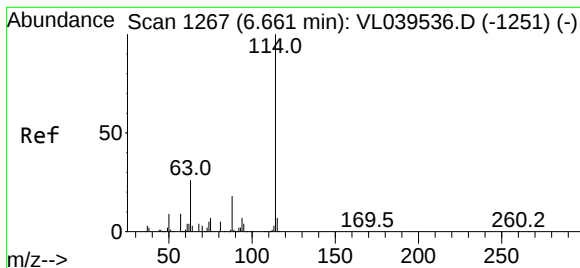
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#20
Methylene Chloride
Concen: 0.355 ppbv
RT: 3.957 min Scan# 421
Delta R.T. 0.010 min
Lab File: VL039648.D
Acq: 21 Sep 2022 23:37

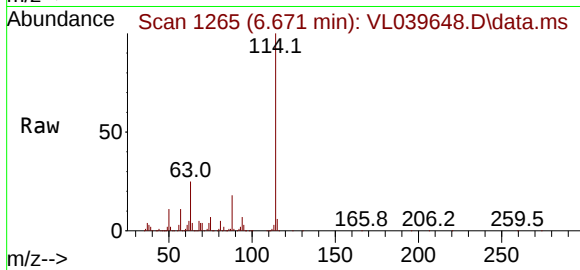
Tgt Ion: 84 Resp: 19918
Ion Ratio Lower Upper
84 100
49 150.3 123.1 184.7
51 39.2 34.4 51.6
86 45.7 51.1 76.7#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.671 min Scan# 114
Delta R.T. 0.010 min
Lab File: VL039648.D
Acq: 21 Sep 2022 23:37

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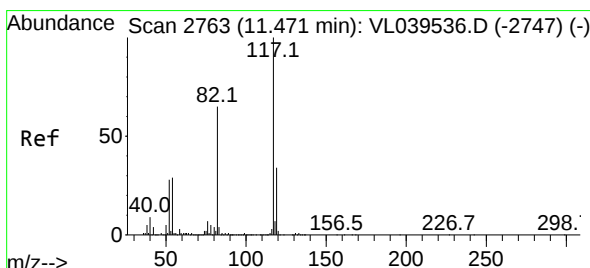
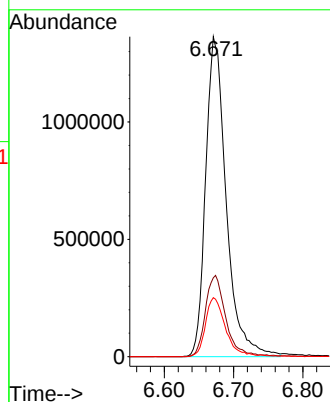
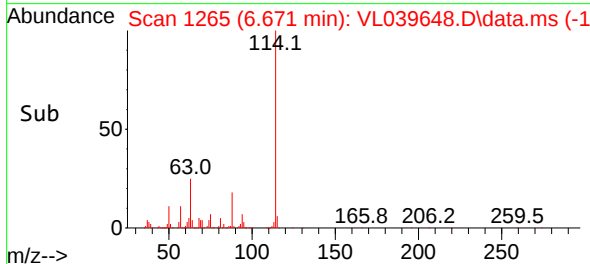
Tgt Ion:114 Resp: 2812920
Ion Ratio Lower Upper
114 100
63 25.5 20.2 30.4
88 18.4 14.5 21.7

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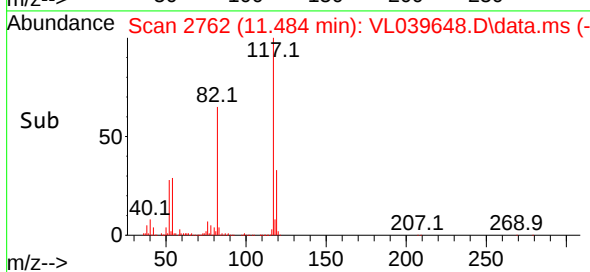
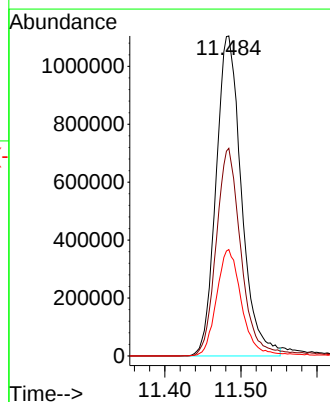
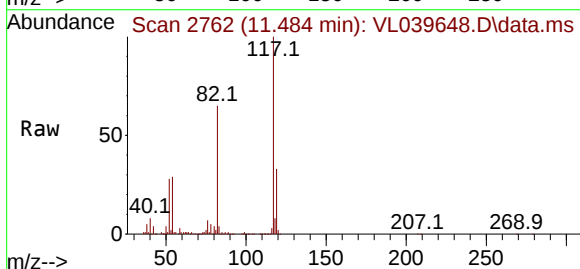
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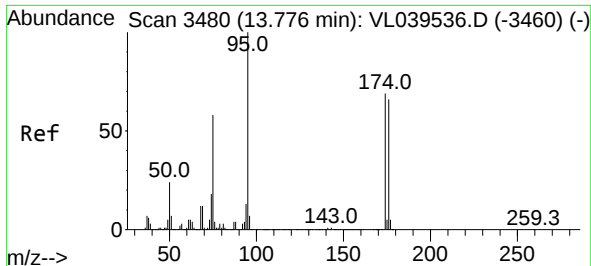
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#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.484 min Scan# 2762
Delta R.T. 0.013 min
Lab File: VL039648.D
Acq: 21 Sep 2022 23:37

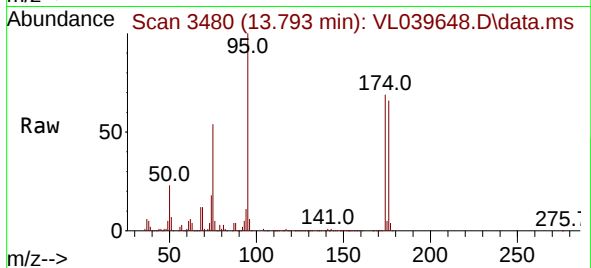
Tgt Ion:117 Resp: 2567052
Ion Ratio Lower Upper
117 100
82 65.0 50.8 76.2
119 33.4 24.1 36.1





#68
1-Bromo-4-Fluorobenzene
Concen: 9.876 ppbv
RT: 13.793 min Scan# 3480
Delta R.T. 0.017 min
Lab File: VL039648.D
Acq: 21 Sep 2022 23:37

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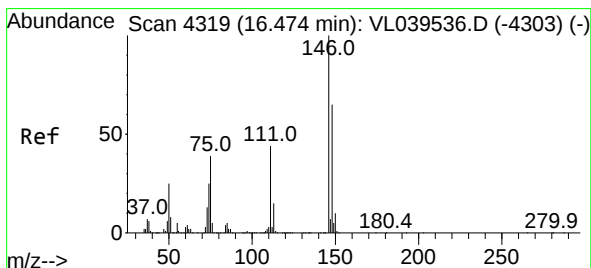
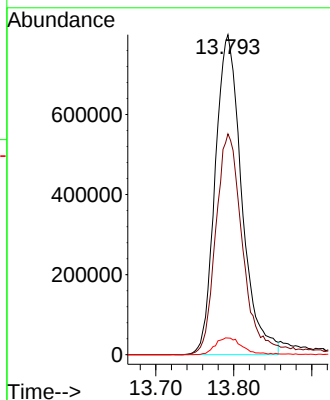
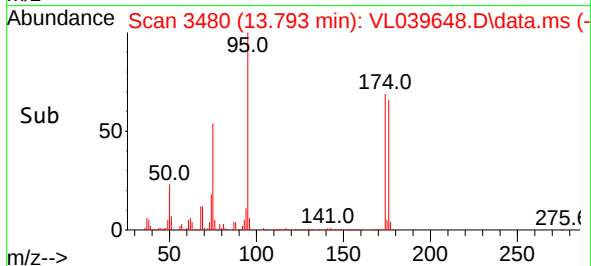
Tgt Ion: 95 Resp: 1892520
Ion Ratio Lower Upper
95 100
174 73.5 55.9 83.9
175 5.4 4.2 6.4

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#76
1,4-Dichlorobenzene
Concen: 0.376 ppbv m
RT: 16.484 min Scan# 4317
Delta R.T. 0.010 min
Lab File: VL039648.D
Acq: 21 Sep 2022 23:37

Tgt Ion:146 Resp: 66191
Ion Ratio Lower Upper
146 100
111 45.3 22.9 68.8
148 68.0 33.6 100.8

