

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121222\
 Data File : VL039992.D
 Acq On : 13 Dec 2022 1:39
 Operator : SY/MD
 Sample : N6020-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/14/2022
 Supervised By :Mahesh Dadoda 12/14/2022

Quant Time: Dec 13 07:12:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug :
 QLast Update : Fri Dec 02 23:21:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.172	49	1130463	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.632	114	3066307	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.449	117	2719110	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	2203909	10.612	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	= 106.100%	
Target Compounds						
						Qvalue
20) Methylene Chloride	3.915	84	25334	0.349	ppbv	# 86
29) Chloroform	5.253	83	46917	0.294	ppbv	94
52) Tetrachloroethene	10.603	164	8358m	0.086	ppbv	
53) Toluene	9.195	91	19028m	0.064	ppbv	

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

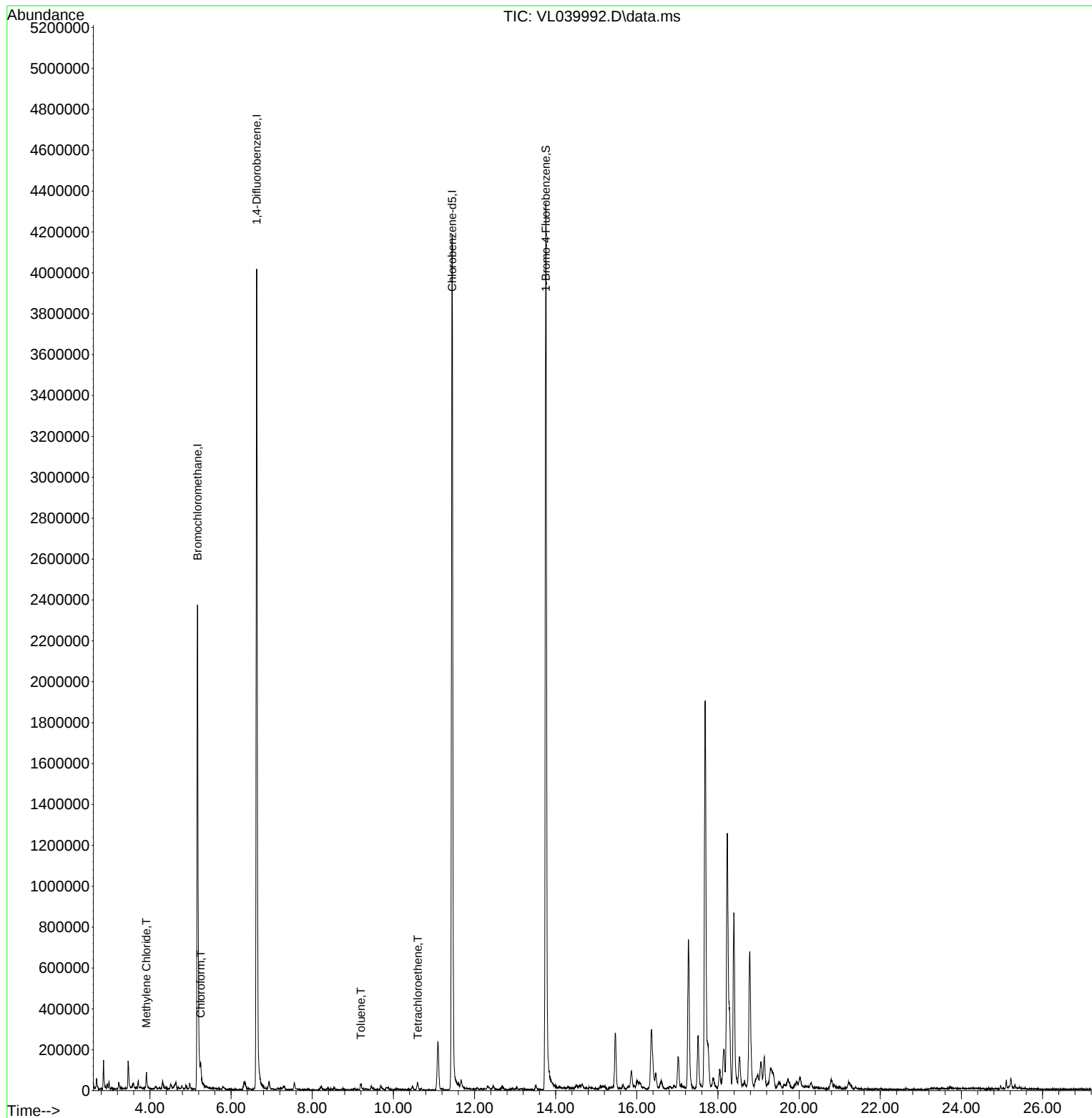
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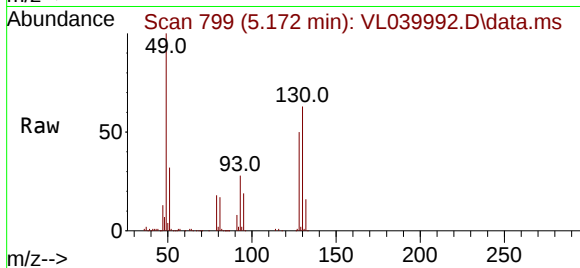
Quant Time: Dec 13 07:12:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Dec 02 23:21:36 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.172 min Scan# 799
Delta R.T. 0.016 min
Lab File: VL039992.D
Acq: 13 Dec 2022 1:39

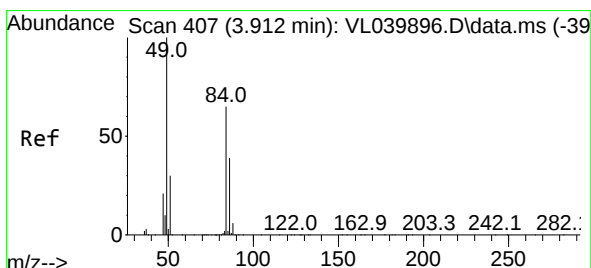
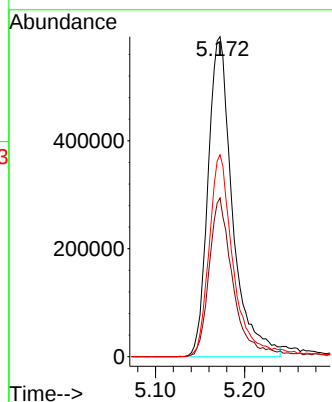
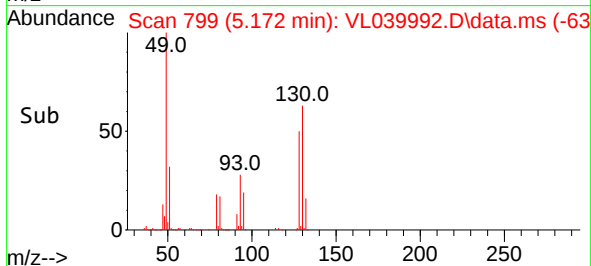
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



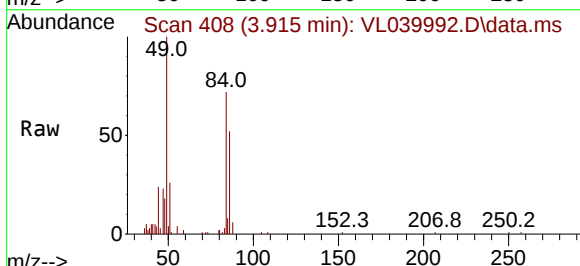
Tgt Ion: 49 Resp: 113046
Ion Ratio Lower Upper
49 100
128 50.6 22.1 66.3
130 64.3 27.7 83.1

Manual Integrations
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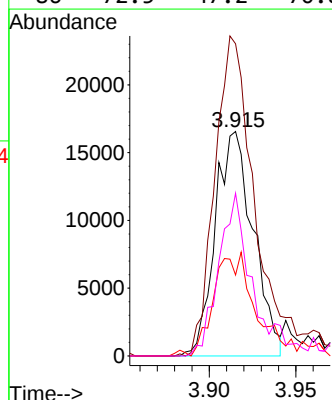
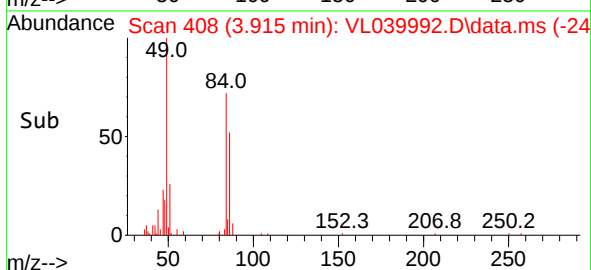
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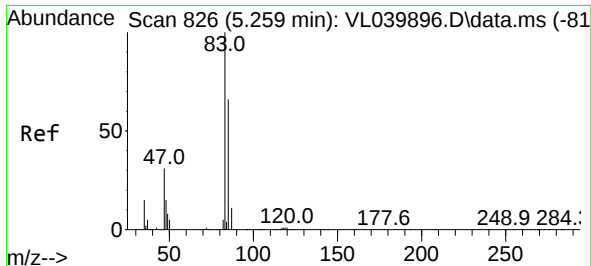


#20
Methylene Chloride
Concen: 0.349 ppbv
RT: 3.915 min Scan# 408
Delta R.T. 0.019 min
Lab File: VL039992.D
Acq: 13 Dec 2022 1:39



Tgt Ion: 84 Resp: 25334
Ion Ratio Lower Upper
84 100
49 138.1 122.2 183.4
51 34.5 36.3 54.5#
86 72.5 47.2 70.8#





#29

Chloroform

Concen: 0.294 ppbv

RT: 5.253 min Scan# 81

Delta R.T. 0.016 min

Lab File: VL039992.D

Acq: 13 Dec 2022 1:39

Instrument :

MSVOA_L

ClientSampleId :

SV1DL

Tgt Ion: 83 Resp: 4691

Ion Ratio Lower Upper

83 100

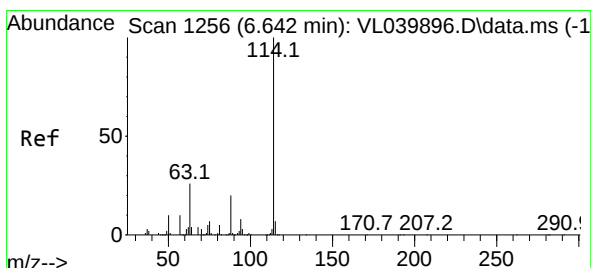
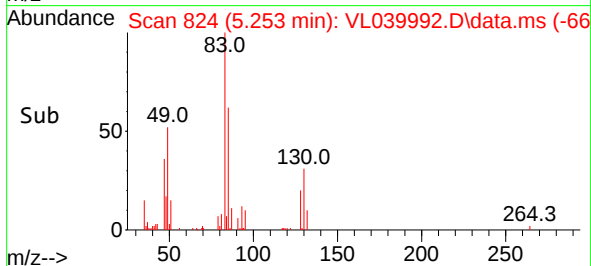
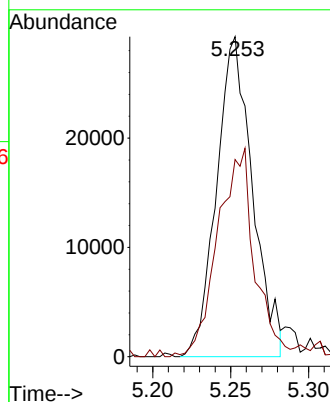
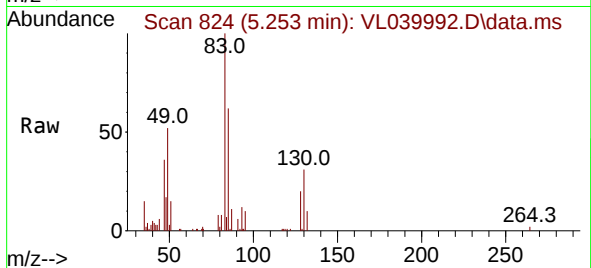
85 61.0 52.4 78.6

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#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.632 min Scan# 1253

Delta R.T. 0.013 min

Lab File: VL039992.D

Acq: 13 Dec 2022 1:39

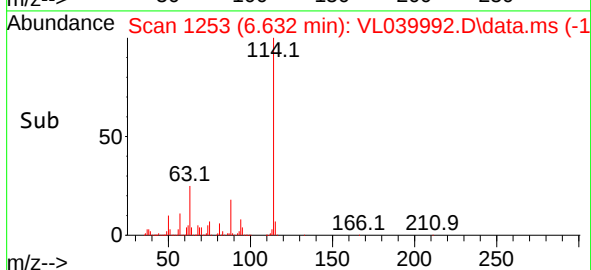
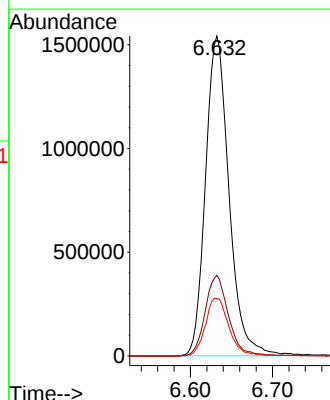
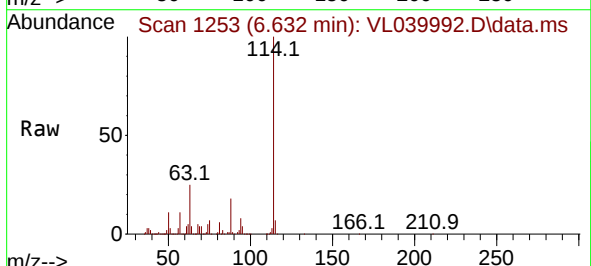
Tgt Ion:114 Resp: 3066307

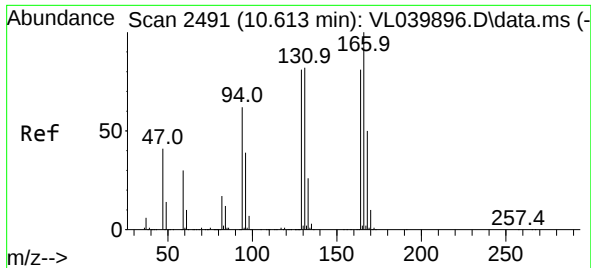
Ion Ratio Lower Upper

114 100

63 25.1 21.4 32.0

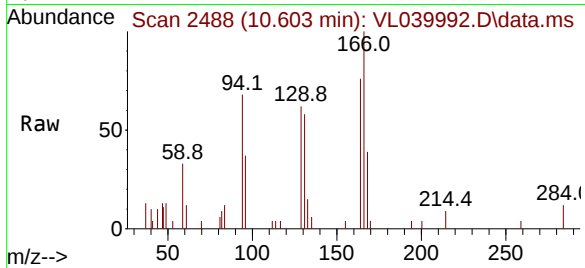
88 18.3 15.3 22.9





#52
Tetrachloroethene
Concen: 0.086 ppbv m
RT: 10.603 min Scan# 2491
Delta R.T. 0.023 min
Lab File: VL039992.D
Acq: 13 Dec 2022 1:39

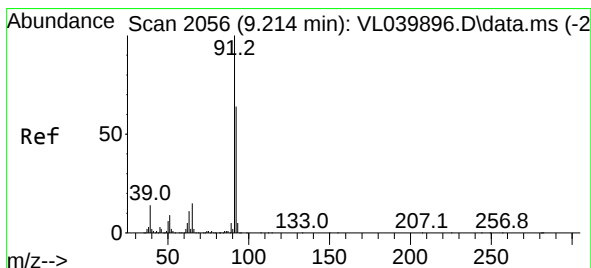
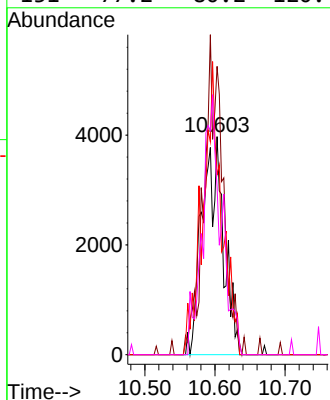
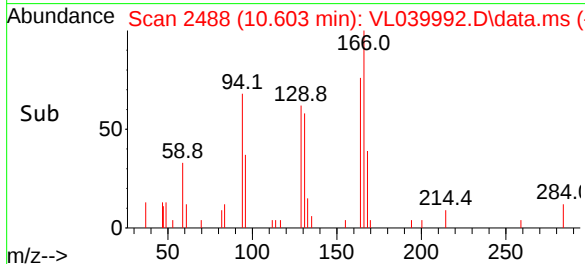
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ClientSampleId :
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Tgt Ion:164 Resp: 8358
Ion Ratio Lower Upper
164 100
166 132.3 98.3 147.5
129 82.6 79.7 119.5
131 77.2 80.2 120.4#

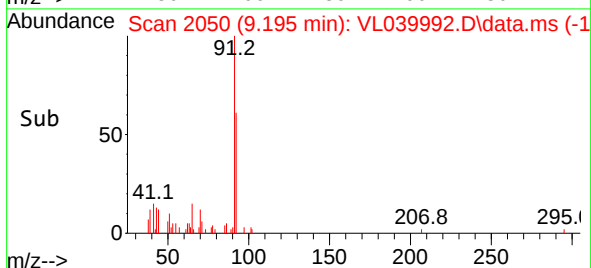
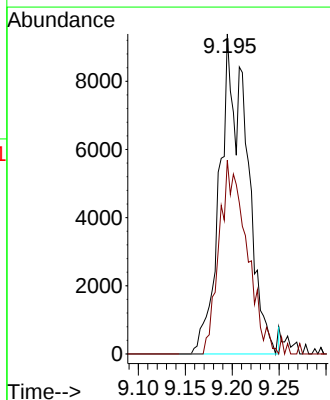
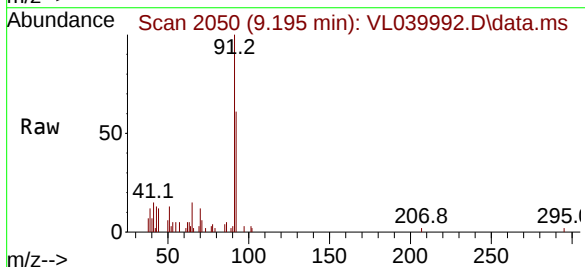
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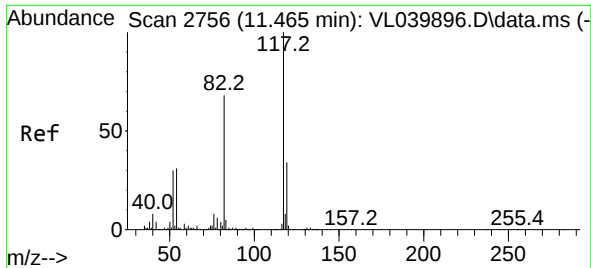
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#53
Toluene
Concen: 0.064 ppbv m
RT: 9.195 min Scan# 2050
Delta R.T. 0.010 min
Lab File: VL039992.D
Acq: 13 Dec 2022 1:39

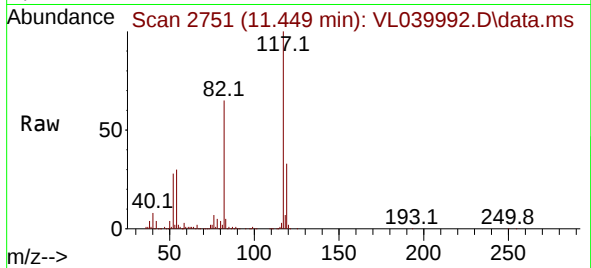
Tgt Ion: 91 Resp: 19028
Ion Ratio Lower Upper
91 100
92 0.0 49.8 74.6#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.449 min Scan# 2751
Delta R.T. 0.016 min
Lab File: VL039992.D
Acq: 13 Dec 2022 1:39

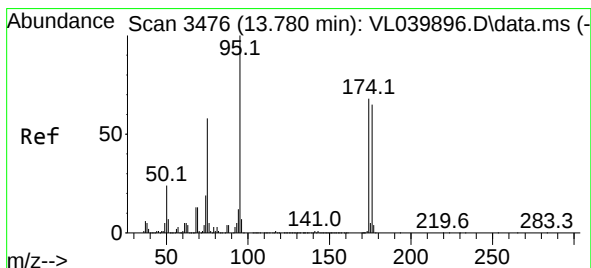
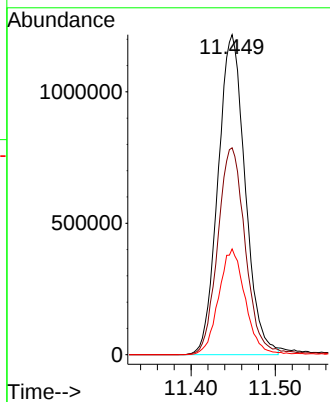
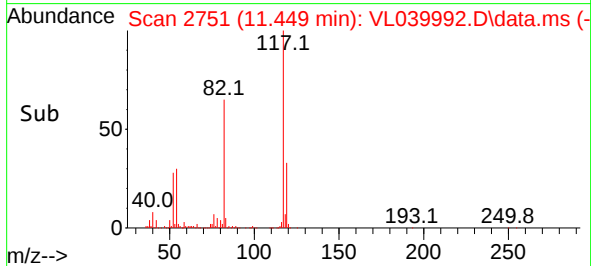
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Tgt Ion: 117 Resp: 2719110
Ion Ratio Lower Upper
117 100
82 66.8 52.3 78.5
119 33.0 25.7 38.5

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.612 ppbv
RT: 13.757 min Scan# 3469
Delta R.T. 0.016 min
Lab File: VL039992.D
Acq: 13 Dec 2022 1:39

Tgt Ion: 95 Resp: 2203909
Ion Ratio Lower Upper
95 100
174 61.5 53.7 80.5
175 4.4 4.0 6.0

