

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111523\
 Data File : VL040876.D
 Acq On : 15 Nov 2023 20:10
 Operator : SY/MD
 Sample : 05277-08 4X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 NT-SS-9

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/20/2023
 Supervised By :Mahesh Dadoda 11/21/2023

Quant Time: Nov 16 05:55:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Mon Nov 13 15:42:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	984061	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	6.648	114	2451391	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.445	117	2177967	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	1694042	9.935	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.300%
Target Compounds						
						Qvalue
15) Acetone	3.500	43	227326	2.169	ppbv	99
20) Methylene Chloride	3.957	84	32791	0.758	ppbv	88
36) Benzene	6.362	78	18080m	0.091	ppbv	
53) Toluene	9.204	91	31757m	0.145	ppbv	

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

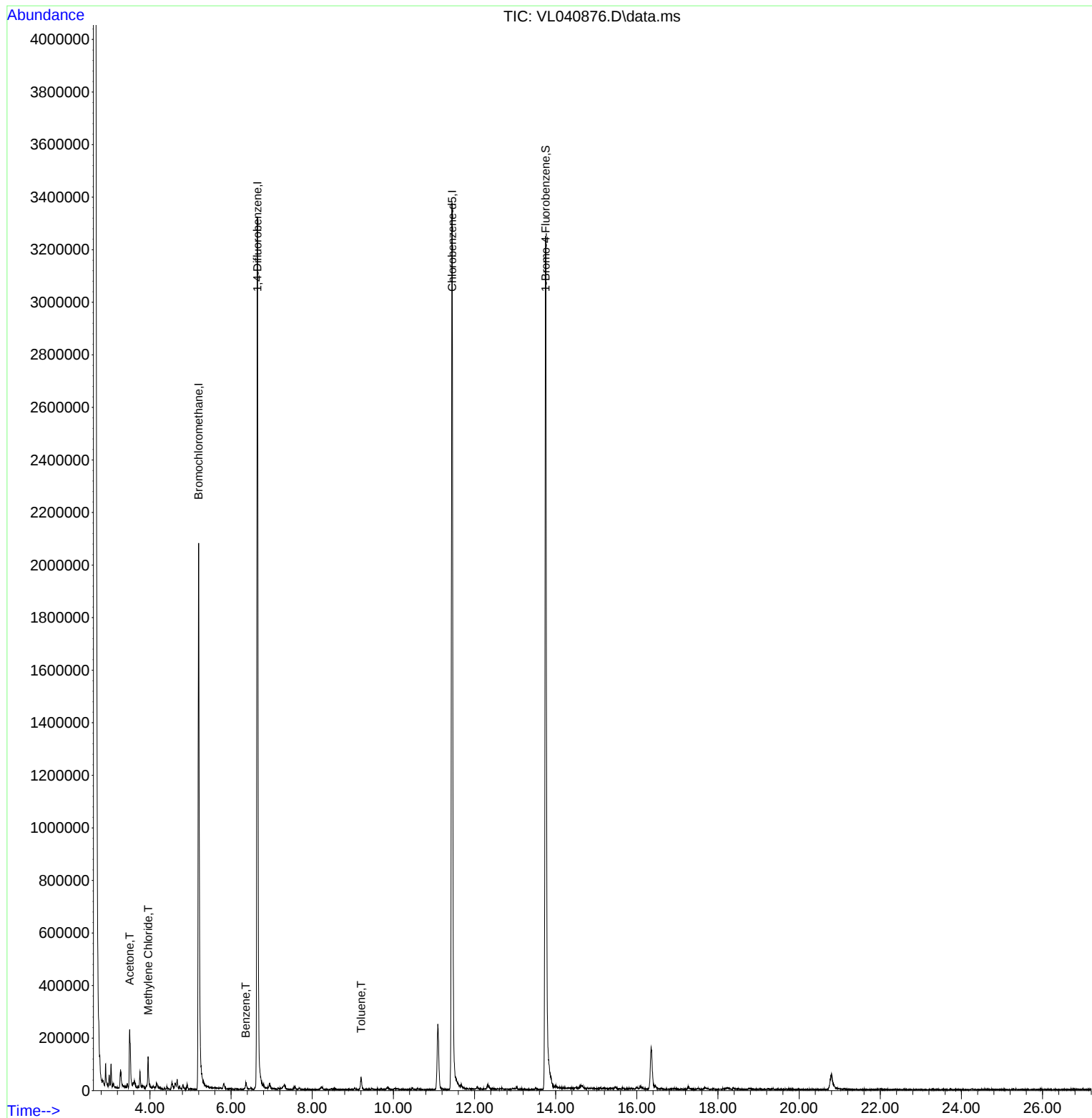
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL111523\
Data File : VL040876.D
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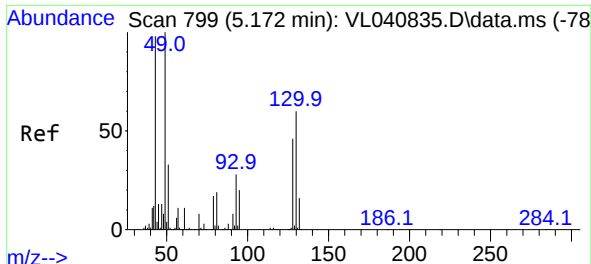
Instrument :
MSVOA_L
ClientSampleId :
NT-SS-9

Quant Time: Nov 16 05:55:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111323AIR.M
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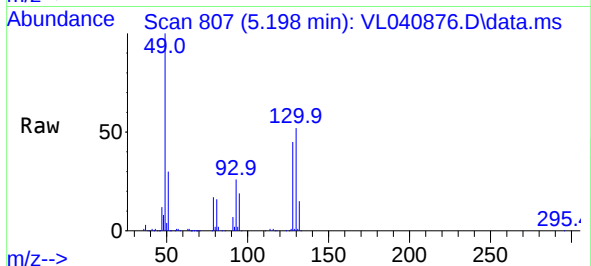
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 80
Delta R.T. 0.026 min
Lab File: VL040876.D
Acq: 15 Nov 2023 20:10

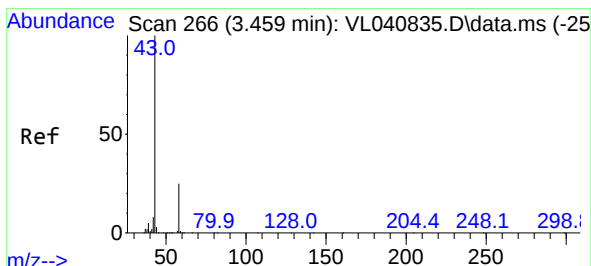
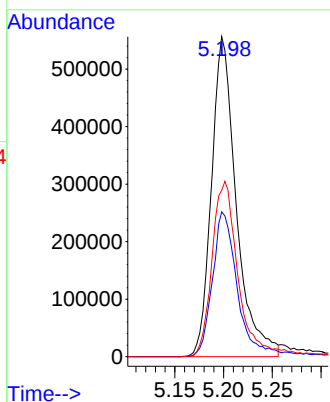
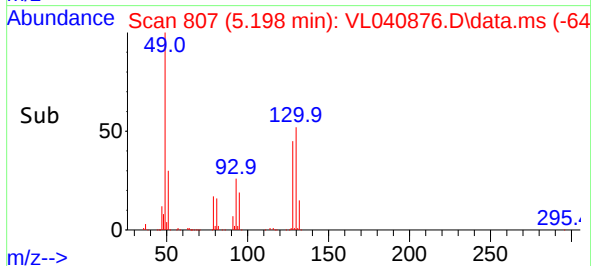
Instrument :
MSVOA_L
ClientSampleId :
NT-SS-9



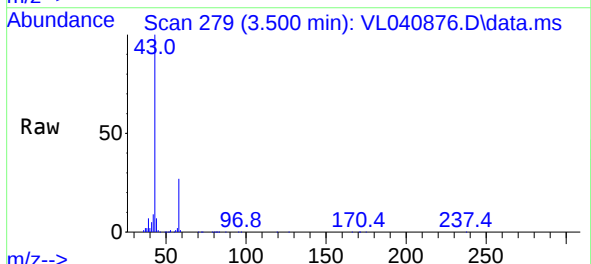
Tgt Ion: 49 Resp: 98406
Ion Ratio Lower Upper
49 100
128 47.7 23.8 71.2
130 59.8 30.9 92.8

Manual Integrations
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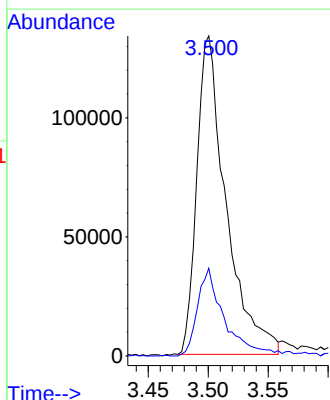
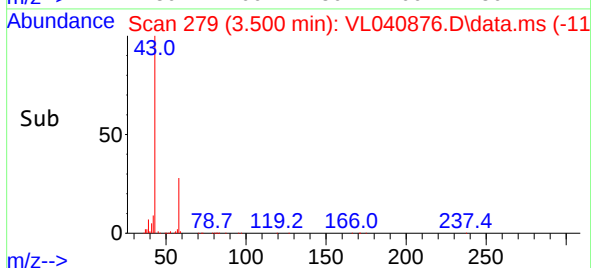
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Supervised By :Mahesh Dadoda 11/21/2023

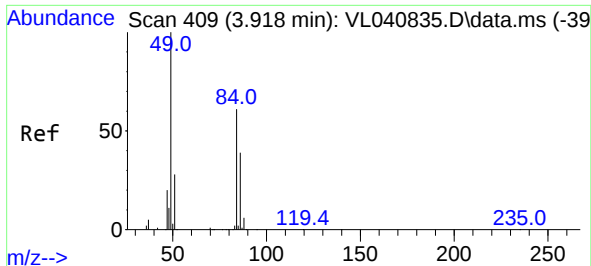


#15
Acetone
Concen: 2.169 ppbv
RT: 3.500 min Scan# 279
Delta R.T. 0.042 min
Lab File: VL040876.D
Acq: 15 Nov 2023 20:10



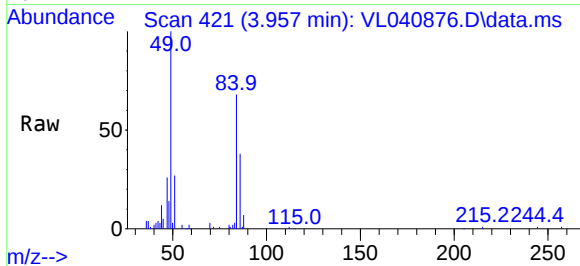
Tgt Ion: 43 Resp: 227326
Ion Ratio Lower Upper
43 100
58 25.7 20.9 31.3





#20
Methylene Chloride
Concen: 0.758 ppbv
RT: 3.957 min Scan# 41
Delta R.T. 0.039 min
Lab File: VL040876.D
Acq: 15 Nov 2023 20:10

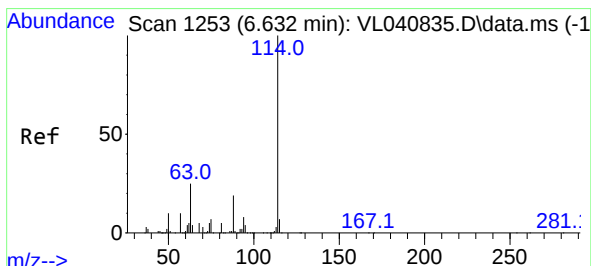
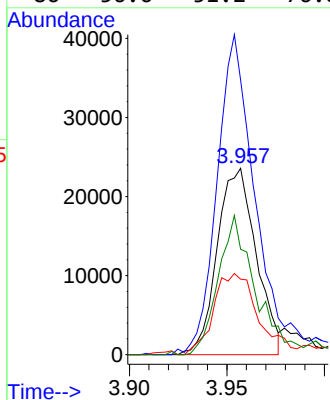
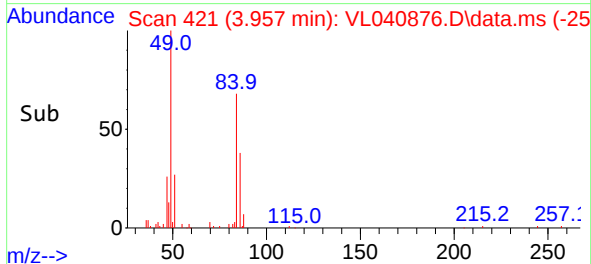
Instrument :
MSVOA_L
ClientSampleId :
NT-SS-9



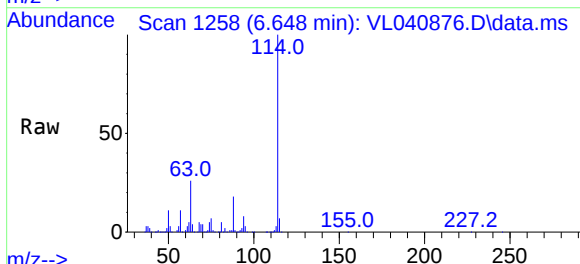
Tgt Ion: 84 Resp: 3279
Ion Ratio Lower Upper
84 100
49 144.3 131.0 196.4
51 40.5 36.9 55.3
86 56.6 51.2 76.8

Manual Integrations
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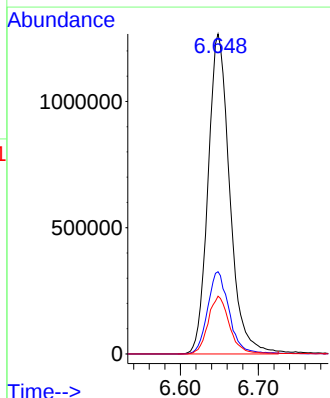
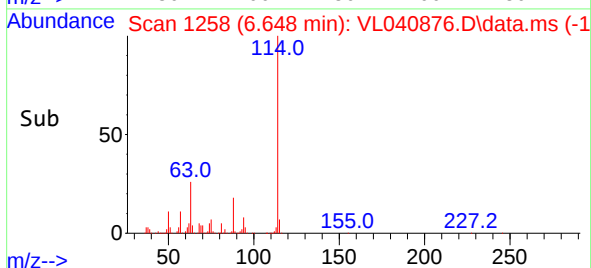
Reviewed By :Semsettin Yesilyurt 11/20/2023
Supervised By :Mahesh Dadoda 11/21/2023

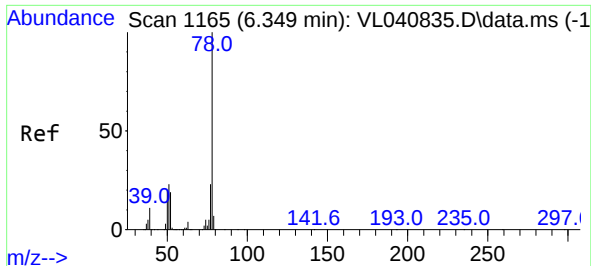


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. 0.016 min
Lab File: VL040876.D
Acq: 15 Nov 2023 20:10



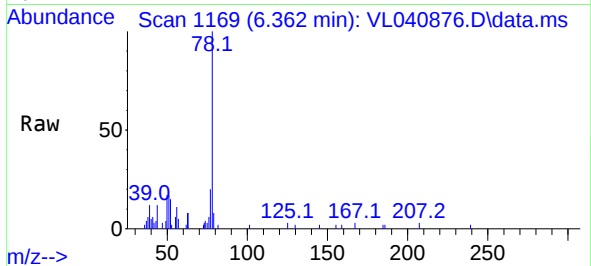
Tgt Ion:114 Resp: 2451391
Ion Ratio Lower Upper
114 100
63 25.9 20.9 31.3
88 18.0 14.3 21.5





#36
Benzene
Concen: 0.091 ppbv m
RT: 6.362 min Scan# 1169
Delta R.T. 0.013 min
Lab File: VL040876.D
Acq: 15 Nov 2023 20:10

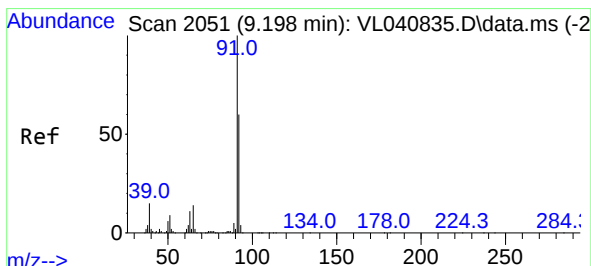
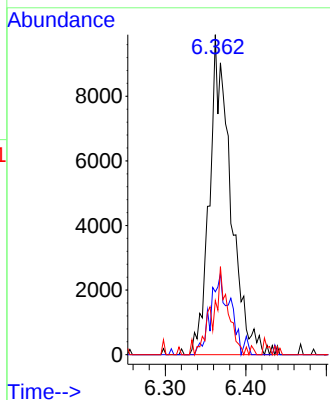
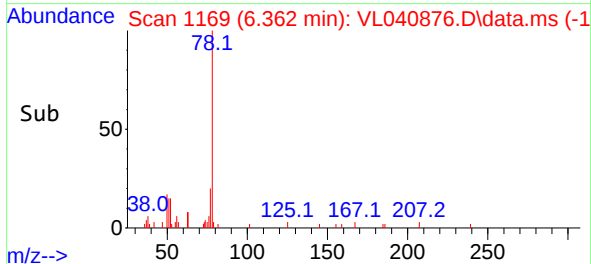
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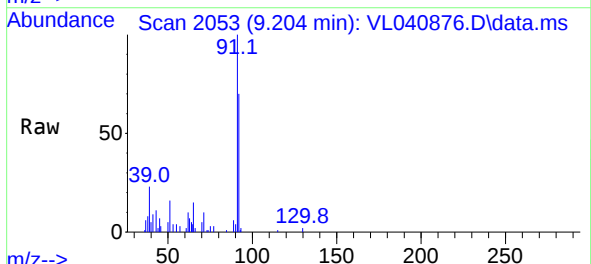
Tgt Ion: 78 Resp: 18080
Ion Ratio Lower Upper
78 100
77 19.6 18.4 27.6
50 16.9 16.2 24.2

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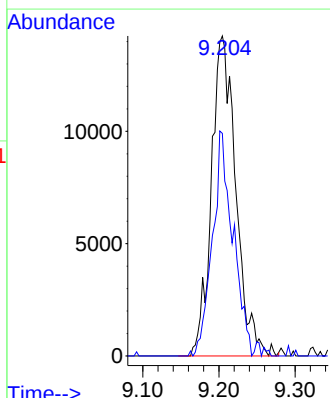
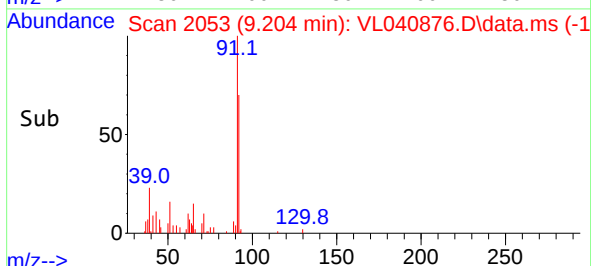
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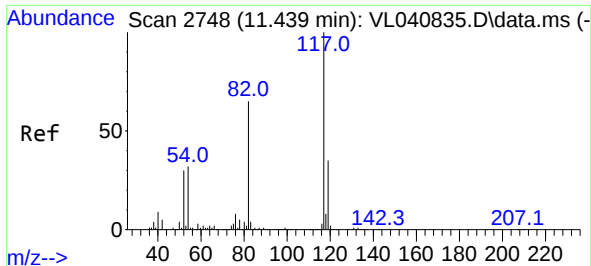


#53
Toluene
Concen: 0.145 ppbv m
RT: 9.204 min Scan# 2053
Delta R.T. 0.006 min
Lab File: VL040876.D
Acq: 15 Nov 2023 20:10



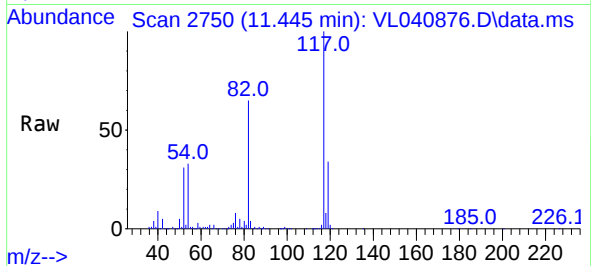
Tgt Ion: 91 Resp: 31757
Ion Ratio Lower Upper
91 100
92 0.0 49.4 74.2#





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.445 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL040876.D
Acq: 15 Nov 2023 20:10

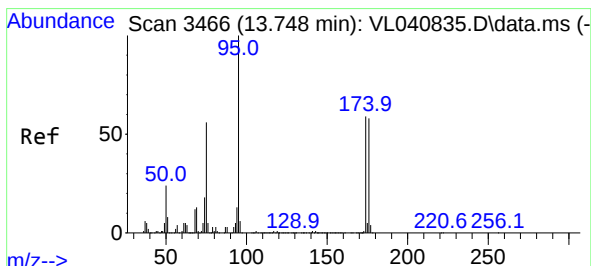
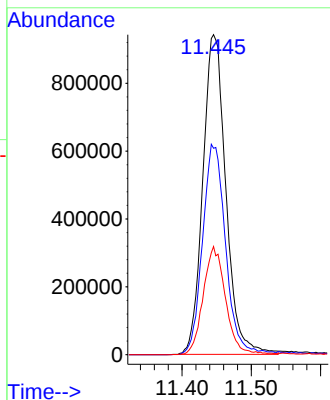
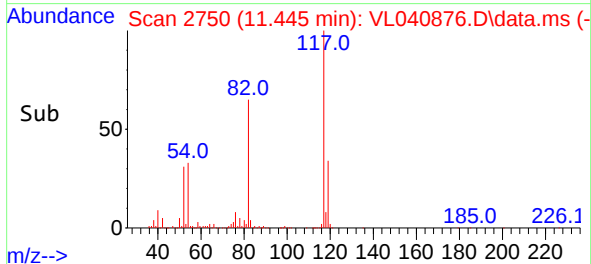
Instrument :
MSVOA_L
ClientSampleId :
NT-SS-9



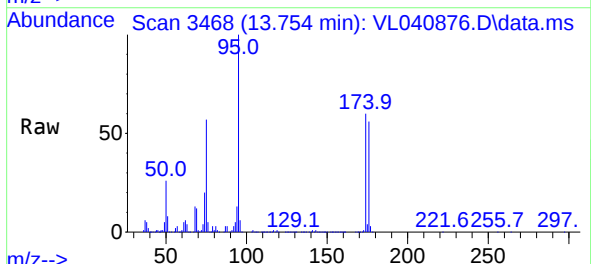
Tgt Ion: 117 Resp: 217796
Ion Ratio Lower Upper
117 100
82 66.8 50.6 75.8
119 33.1 23.3 34.9

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.935 ppbv
RT: 13.754 min Scan# 3468
Delta R.T. 0.006 min
Lab File: VL040876.D
Acq: 15 Nov 2023 20:10



Tgt Ion: 95 Resp: 1694042
Ion Ratio Lower Upper
95 100
174 60.3 47.5 71.3
175 4.5 3.6 5.4

