

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122022\
 Data File : VL040054.D
 Acq On : 20 Dec 2022 13:18
 Operator : SY/MD
 Sample : N5971-11DL2 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2DL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/21/2022
 Supervised By :Mahesh Dadoda 12/21/2022

Quant Time: Dec 21 03:55:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug :
 QLast Update : Tue Dec 20 04:50:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.163	49	848744	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	6.626	114	2492248	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.439	117	2172825	10.000	ppbv	-0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.751	95	1652069	9.954	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%
Target Compounds						
					Qvalue	
9) Propene	2.677	41	7238m	0.136	ppbv	
10) Heptane	7.552	43	32972	0.254	ppbv	97
13) Ethanol	3.240	45	11572m	2.314	ppbv	
15) Acetone	3.456	43	171548m	1.307	ppbv	
20) Methylene Chloride	3.906	84	55204	0.989	ppbv	95
26) Hexane	5.185	57	21432	0.224	ppbv #	36
53) Toluene	9.198	91	353425	1.434	ppbv	100

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

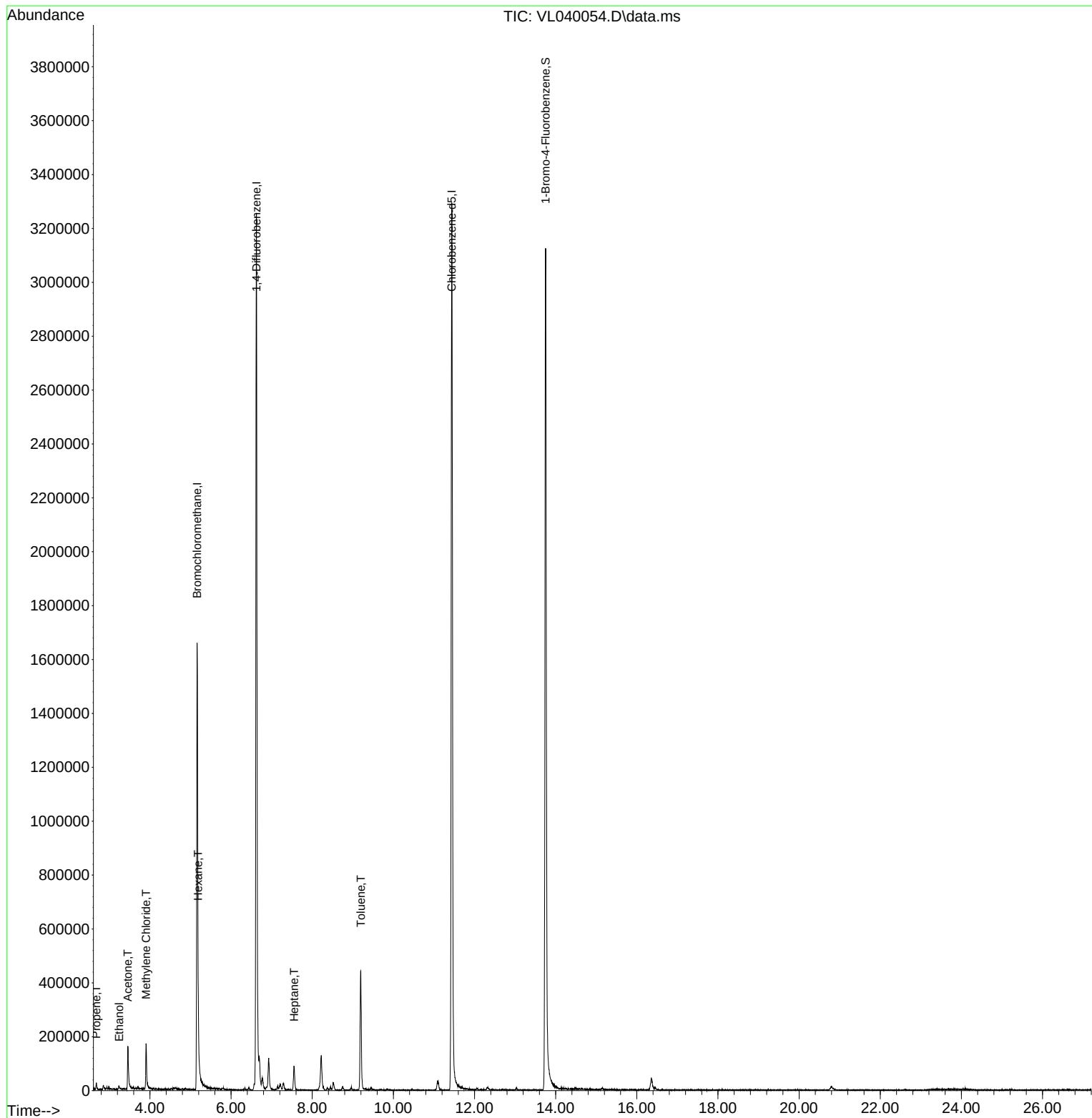
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122022\
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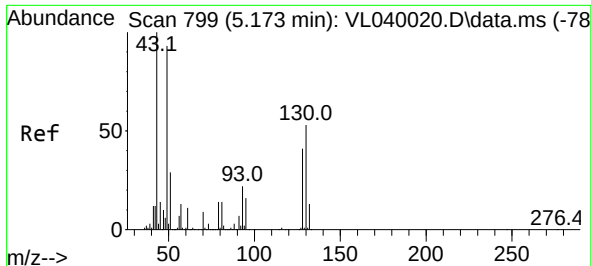
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
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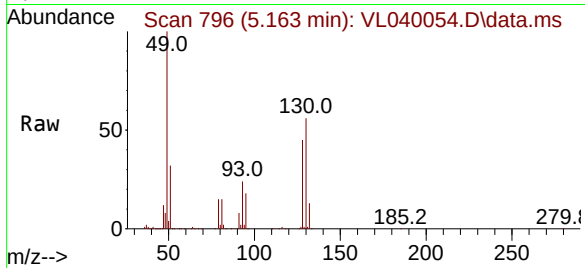
Reviewed By : Semsettin Yesilyurt 12/21/2022
Supervised By : Mahesh Dadoda 12/21/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.163 min Scan# 799
Delta R.T. -0.010 min
Lab File: VL040054.D
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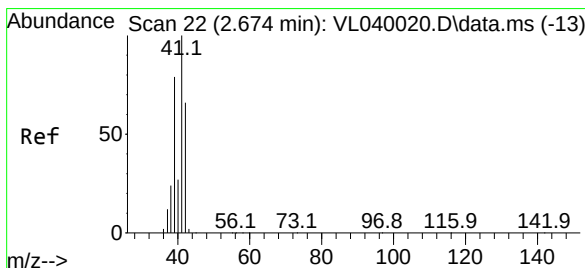
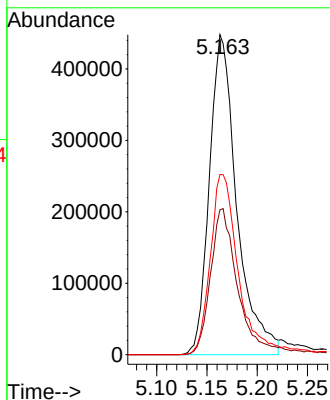
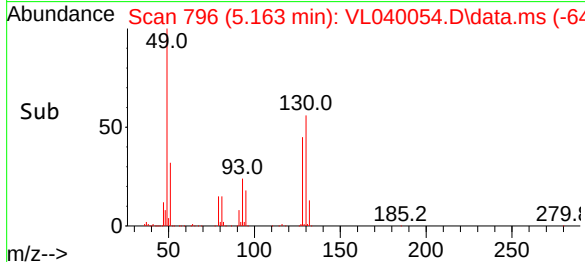
Instrument :
MSVOA_L
ClientSampleId :
SS-2DL2



Tgt Ion: 49 Resp: 848744
Ion Ratio Lower Upper
49 100
128 47.6 22.4 67.3
130 59.9 28.9 86.8

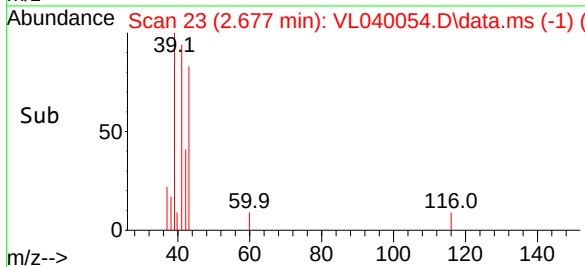
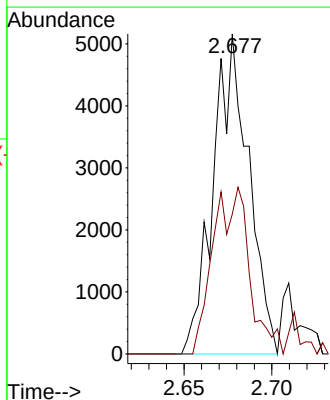
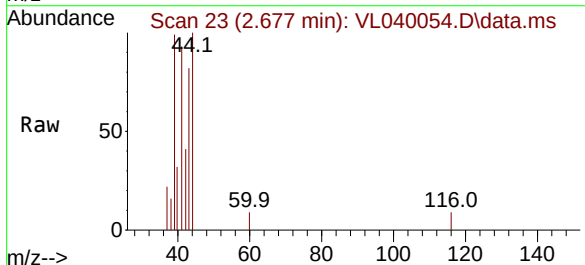
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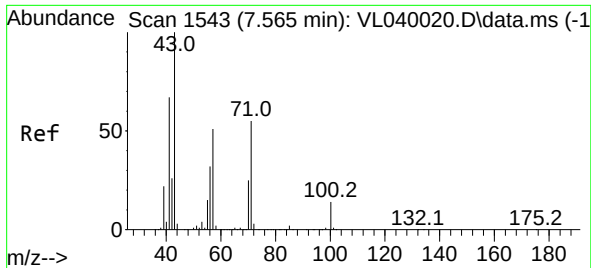
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#9
Propene
Concen: 0.136 ppbv m
RT: 2.677 min Scan# 23
Delta R.T. 0.003 min
Lab File: VL040054.D
Acq: 20 Dec 2022 13:18

Tgt Ion: 41 Resp: 7238
Ion Ratio Lower Upper
41 100
42 0.0 54.8 82.2#





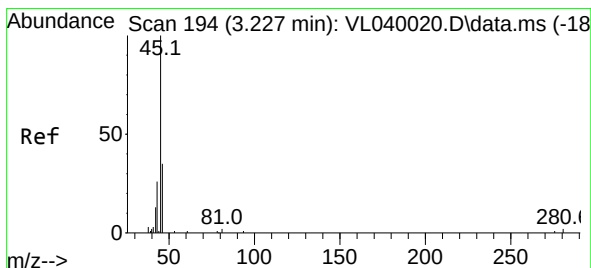
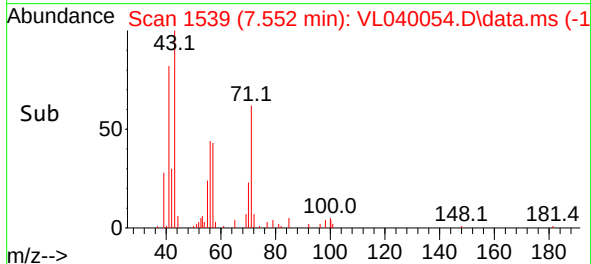
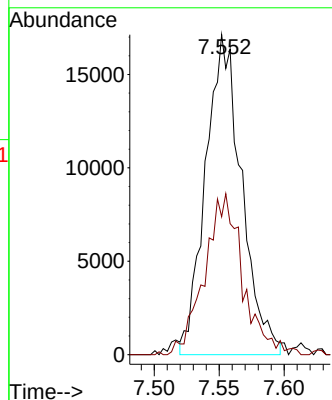
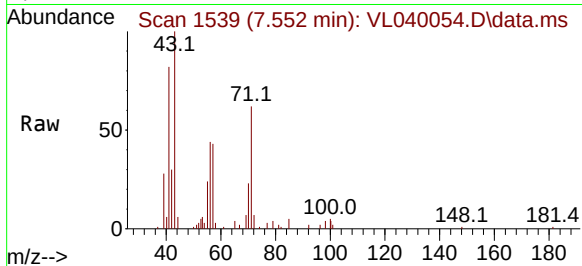
#10
Heptane
Concen: 0.254 ppbv
RT: 7.552 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL040054.D
Acq: 20 Dec 2022 13:18

Instrument :
MSVOA_L
ClientSampleId :
SS-2DL2

Tgt Ion: 43 Resp: 32972
Ion Ratio Lower Upper
43 100
57 53.7 41.2 61.8

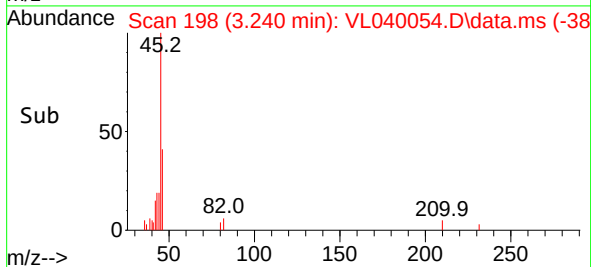
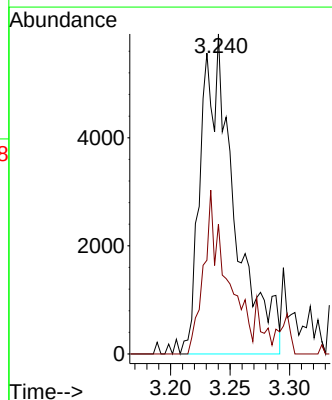
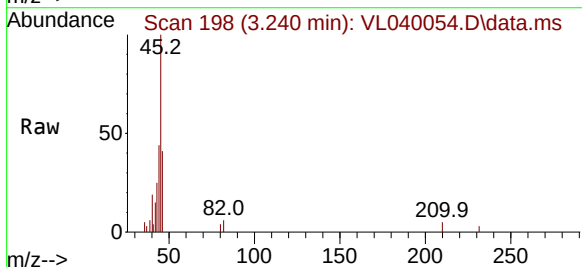
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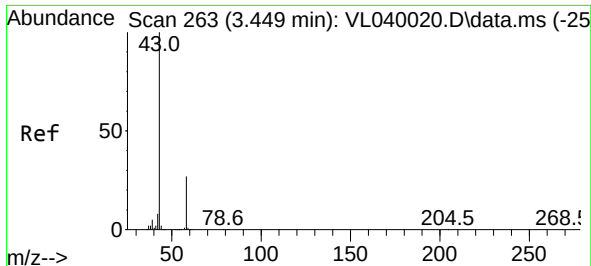
Reviewed By :Semsettin Yesilyurt 12/21/2022
Supervised By :Mahesh Dadoda 12/21/2022



#13
Ethanol
Concen: 2.314 ppbv m
RT: 3.240 min Scan# 198
Delta R.T. 0.013 min
Lab File: VL040054.D
Acq: 20 Dec 2022 13:18

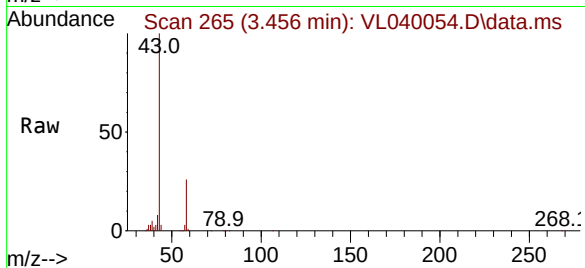
Tgt Ion: 45 Resp: 11572
Ion Ratio Lower Upper
45 100
46 43.5 13.7 54.7





#15
Acetone
Concen: 1.307 ppbv m
RT: 3.456 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL040054.D
Acq: 20 Dec 2022 13:18

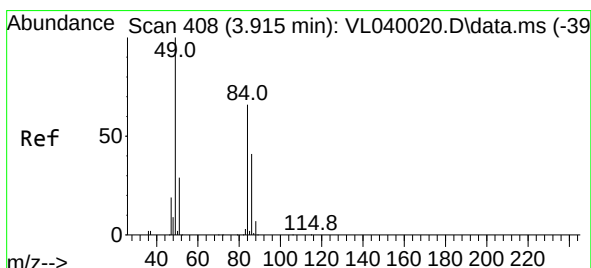
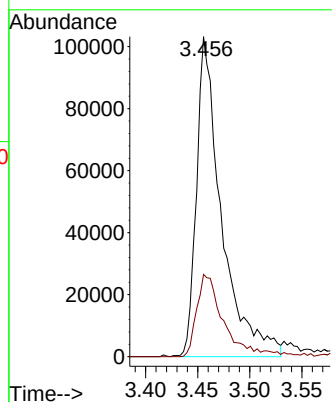
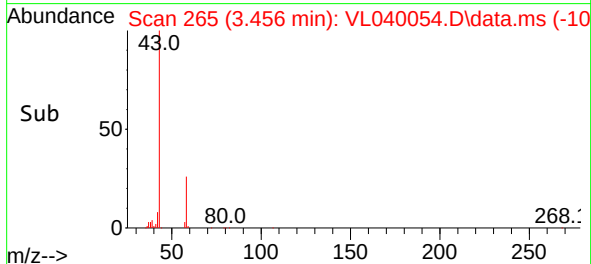
Instrument :
MSVOA_L
ClientSampleId :
SS-2DL2



Tgt Ion: 43 Resp: 17154
Ion Ratio Lower Upper
43 100
58 28.9 21.8 32.8

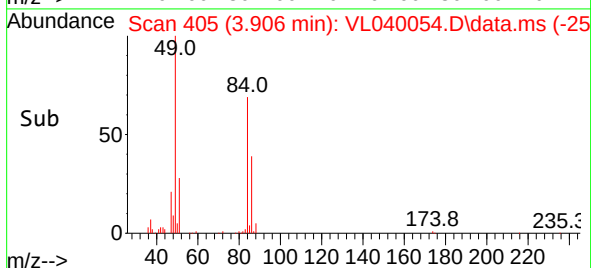
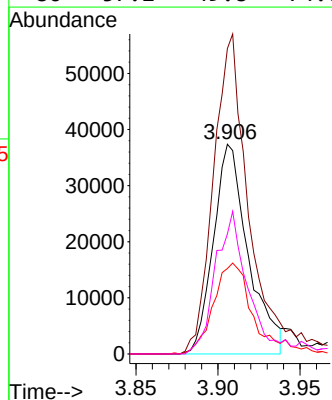
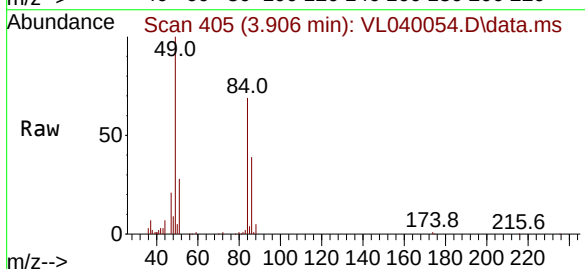
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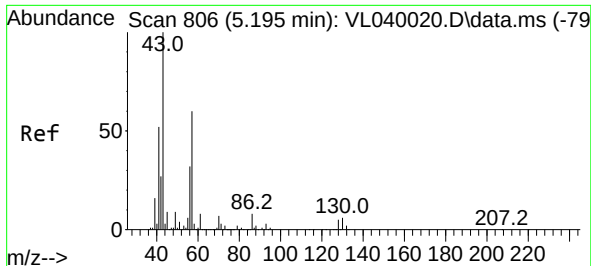
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Supervised By :Mahesh Dadoda 12/21/2022



#20
Methylene Chloride
Concen: 0.989 ppbv
RT: 3.906 min Scan# 405
Delta R.T. -0.010 min
Lab File: VL040054.D
Acq: 20 Dec 2022 13:18

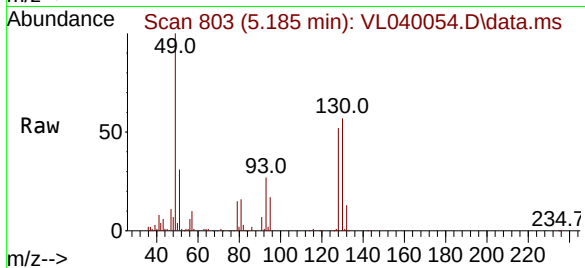
Tgt Ion: 84 Resp: 55204
Ion Ratio Lower Upper
84 100
49 145.6 120.5 180.7
51 40.7 35.2 52.8
86 57.2 49.8 74.6





#26
Hexane
Concen: 0.224 ppbv
RT: 5.185 min Scan# 806
Delta R.T. -0.010 min
Lab File: VL040054.D
Acq: 20 Dec 2022 13:18

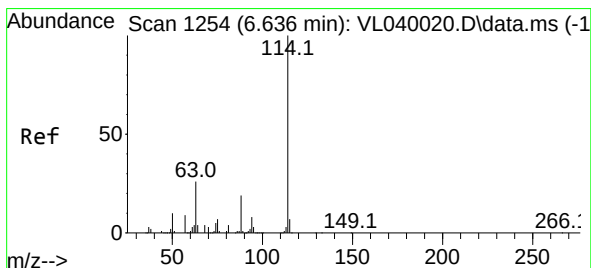
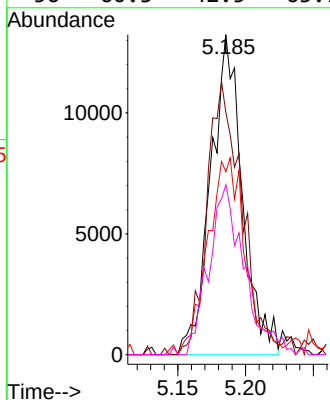
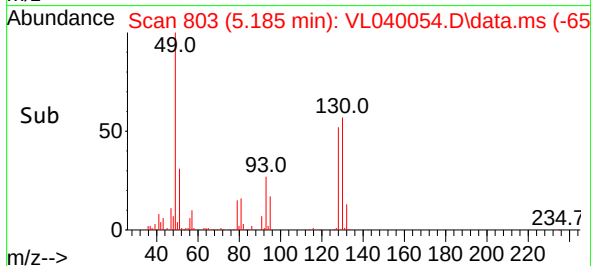
Instrument :
MSVOA_L
ClientSampleId :
SS-2DL2



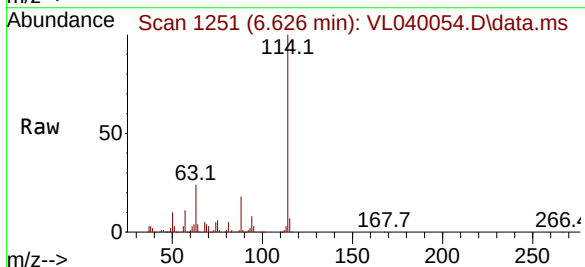
Tgt Ion: 57 Resp: 21432
Ion Ratio Lower Upper
57 100
41 95.2 72.1 108.1
43 73.4 192.1 288.1
56 60.3 42.5 63.7

Manual Integrations
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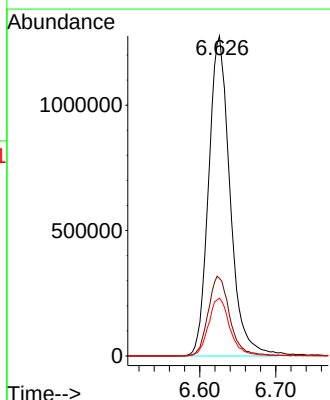
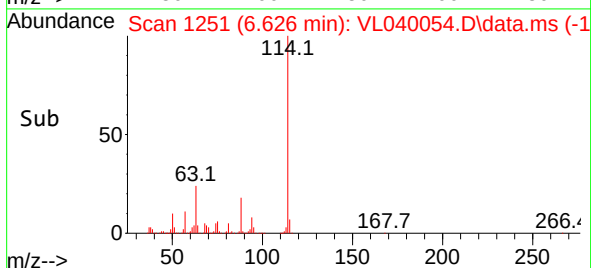
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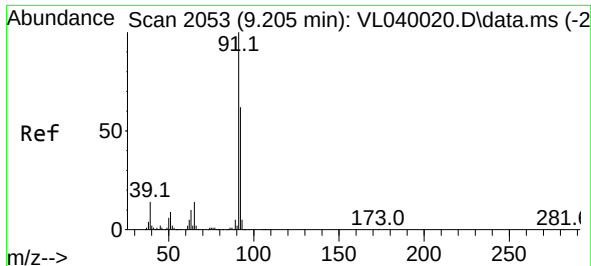


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.626 min Scan# 1251
Delta R.T. -0.010 min
Lab File: VL040054.D
Acq: 20 Dec 2022 13:18



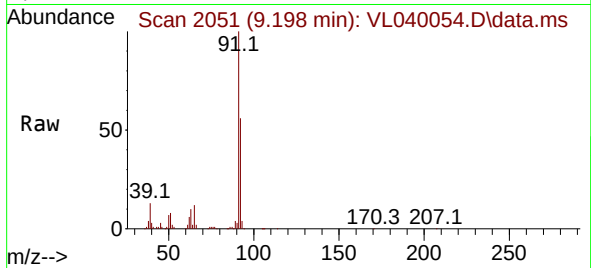
Tgt Ion:114 Resp: 2492248
Ion Ratio Lower Upper
114 100
63 25.4 20.2 30.2
88 18.1 14.6 21.8





#53
Toluene
Concen: 1.434 ppbv
RT: 9.198 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VL040054.D
Acq: 20 Dec 2022 13:18

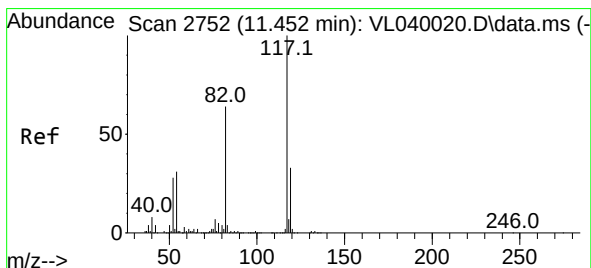
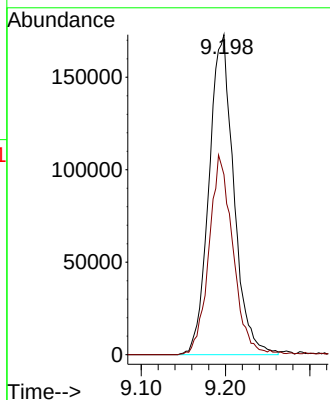
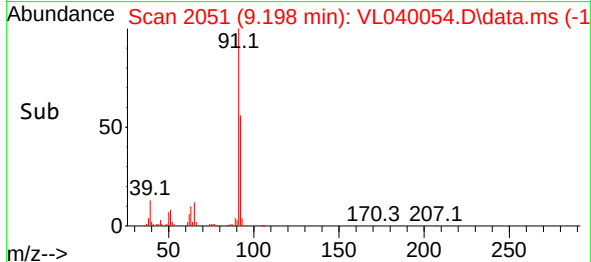
Instrument :
MSVOA_L
ClientSampleId :
SS-2DL2



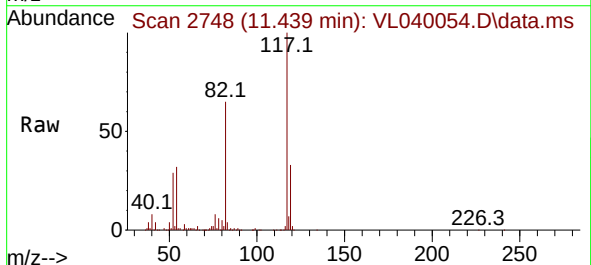
Tgt Ion: 91 Resp: 353425
Ion Ratio Lower Upper
91 100
92 60.6 48.7 73.1

Manual Integrations
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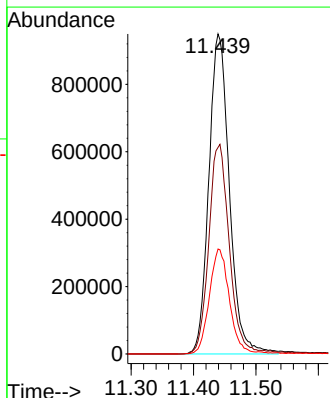
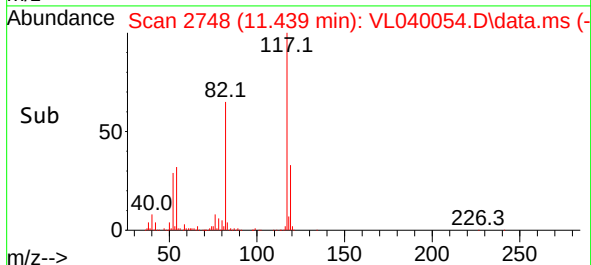
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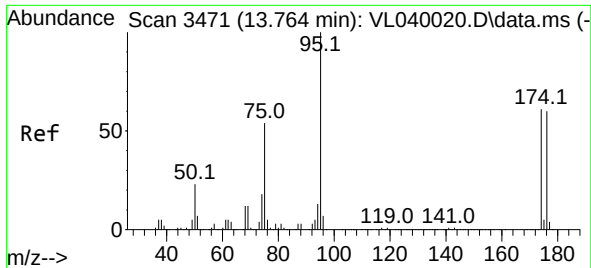


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.439 min Scan# 2748
Delta R.T. -0.013 min
Lab File: VL040054.D
Acq: 20 Dec 2022 13:18



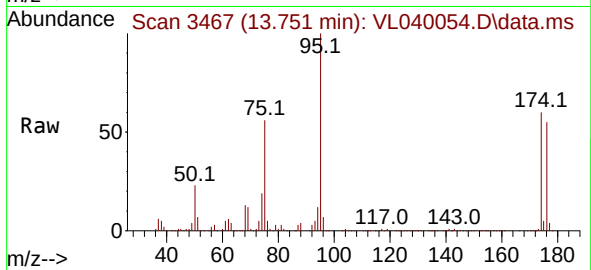
Tgt Ion:117 Resp: 2172825
Ion Ratio Lower Upper
117 100
82 66.3 51.2 76.8
119 32.6 23.2 34.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.954 ppbv
 RT: 13.751 min Scan# 34
 Delta R.T. -0.013 min
 Lab File: VL040054.D
 Acq: 20 Dec 2022 13:18

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-2DL2



Tgt Ion: 95 Resp: 1652069
 Ion Ratio Lower Upper
 95 100
 174 61.3 48.6 73.0
 175 4.2 3.4 5.2

Manual Integrations
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