

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
 Data File : VL040041.D
 Acq On : 19 Dec 2022 23:27
 Operator : SY/MD
 Sample : N5971-10DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/20/2022
 Supervised By :Mahesh Dadoda 12/20/2022

Quant Time: Dec 20 05:17:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 19 2022
 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	5.166	49	1025453	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.626	114	2872487	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.442	117	2495484	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.754	95	1876563	9.844	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.400%
Target Compounds						
9) Propene	2.678	41	56641	0.882	ppbv	90
10) Heptane	7.545	43	18421m	0.118	ppbv	
13) Ethanol	3.231	45	21556m	3.567	ppbv	
15) Acetone	3.462	43	132893	0.838	ppbv	99
20) Methylene Chloride	3.909	84	22757	0.337	ppbv	96
26) Hexane	5.185	57	21139m	0.183	ppbv	
53) Toluene	9.198	91	68010m	0.239	ppbv	

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

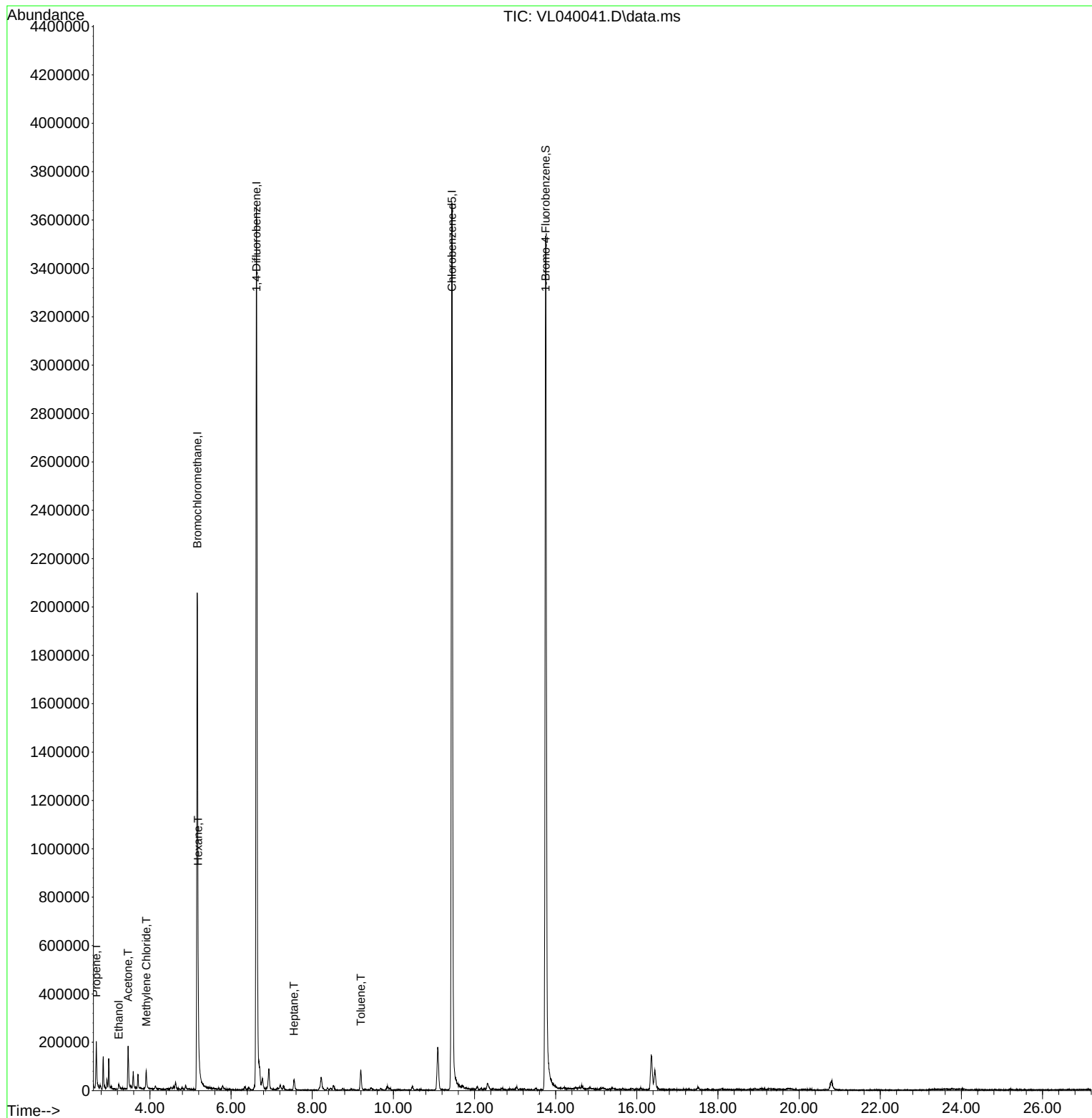
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL121922\
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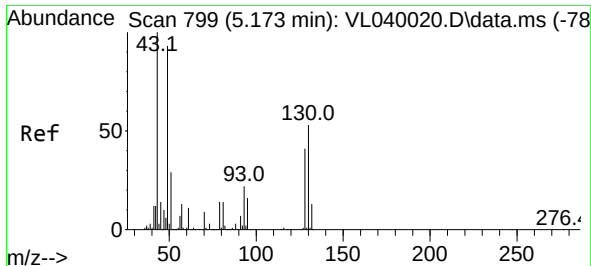
Instrument :
MSVOA_L
ClientSampleId :
SS-1DL

Quant Time: Dec 20 05:17:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL121922AIR.M
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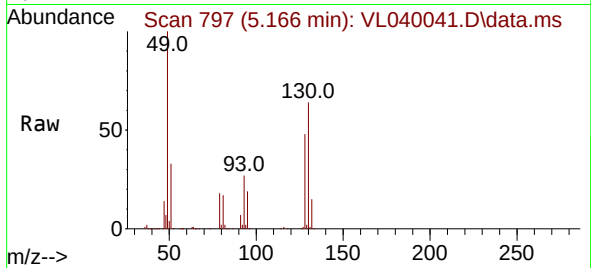
Reviewed By : Semsettin Yesilyurt 12/20/2022
Supervised By : Mahesh Dadoda 12/20/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.166 min Scan# 799
Delta R.T. -0.007 min
Lab File: VL040041.D
Acq: 19 Dec 2022 23:27

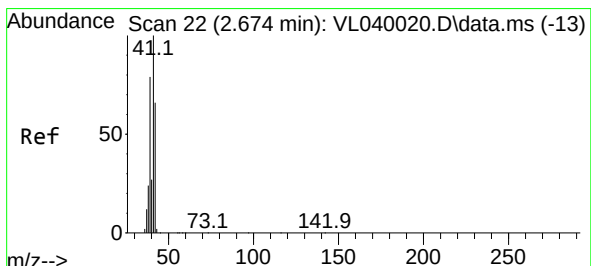
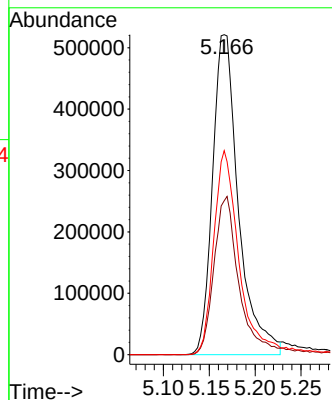
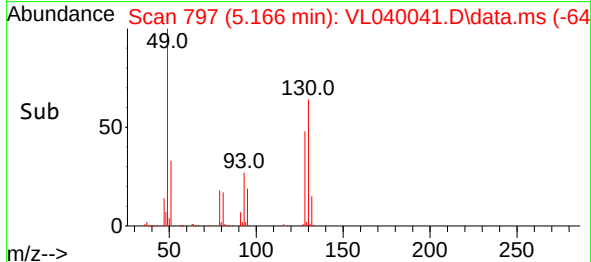
Instrument :
MSVOA_L
ClientSampleId :
SS-1DL



Tgt Ion: 49 Resp: 102545
Ion Ratio Lower Upper
49 100
128 49.9 22.4 67.3
130 64.3 28.9 86.8

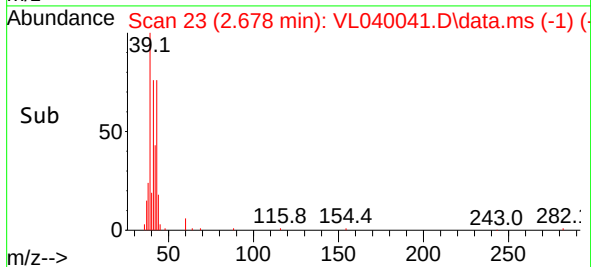
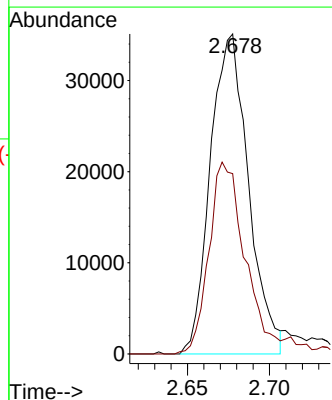
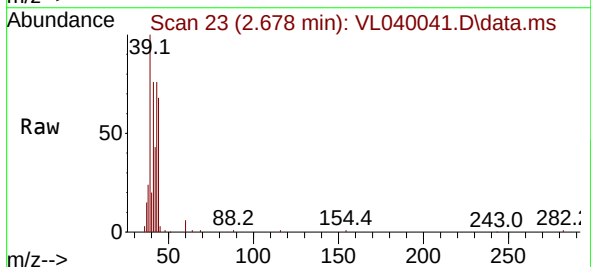
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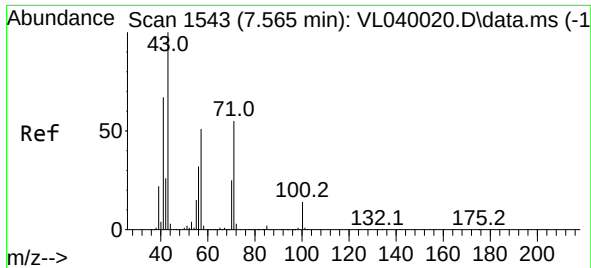
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#9
Propene
Concen: 0.882 ppbv
RT: 2.678 min Scan# 23
Delta R.T. 0.003 min
Lab File: VL040041.D
Acq: 19 Dec 2022 23:27

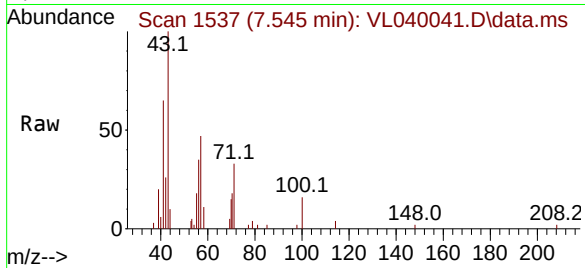
Tgt Ion: 41 Resp: 56641
Ion Ratio Lower Upper
41 100
42 60.1 54.8 82.2





#10
Heptane
Concen: 0.118 ppbv m
RT: 7.545 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL040041.D
Acq: 19 Dec 2022 23:27

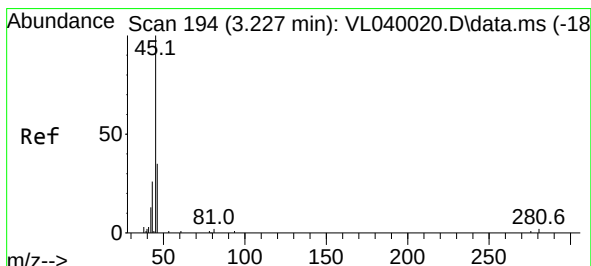
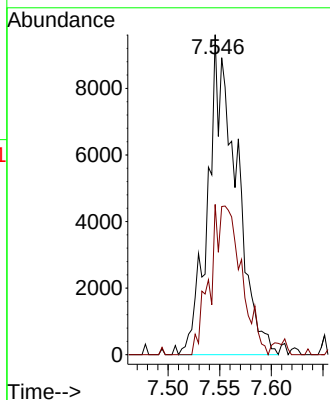
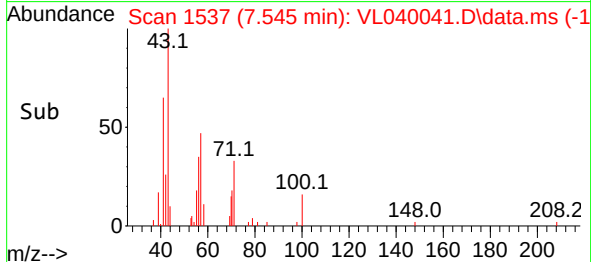
Instrument :
MSVOA_L
ClientSampleId :
SS-1DL



Tgt Ion: 43 Resp: 1842
Ion Ratio Lower Upper
43 100
57 0.0 41.2 61.8

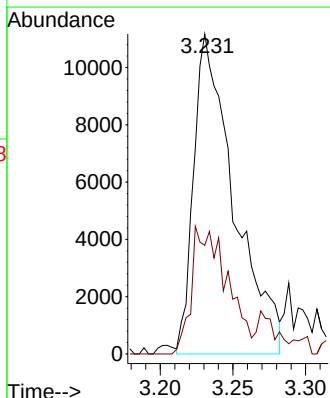
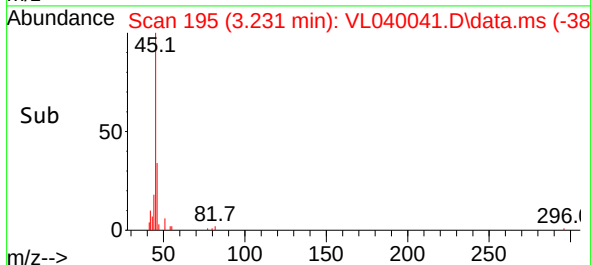
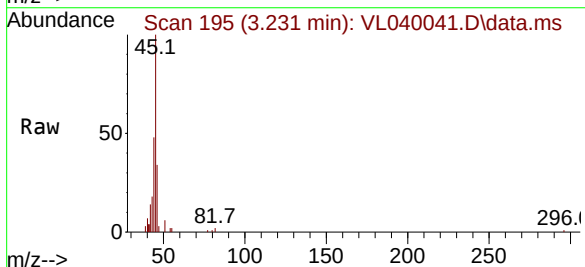
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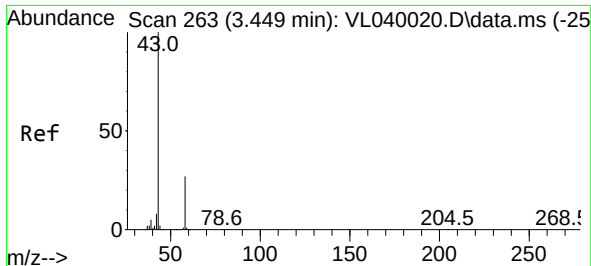
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#13
Ethanol
Concen: 3.567 ppbv m
RT: 3.231 min Scan# 195
Delta R.T. 0.003 min
Lab File: VL040041.D
Acq: 19 Dec 2022 23:27

Tgt Ion: 45 Resp: 21556
Ion Ratio Lower Upper
45 100
46 46.7 13.7 54.7





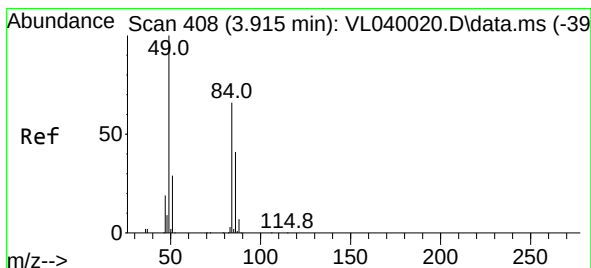
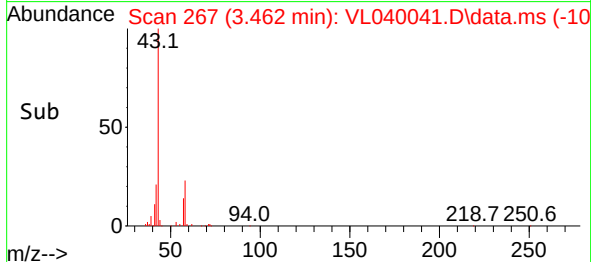
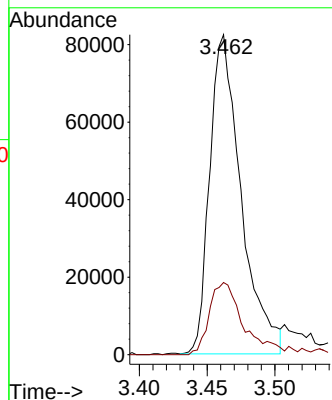
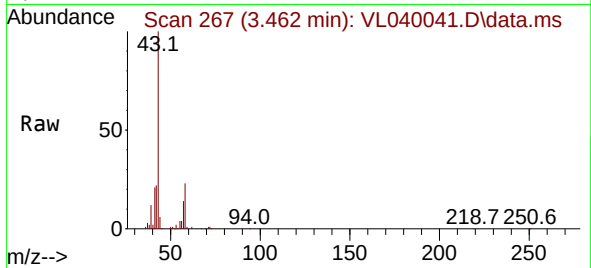
#15
Acetone
Concen: 0.838 ppbv
RT: 3.462 min Scan# 20
Delta R.T. 0.013 min
Lab File: VL040041.D
Acq: 19 Dec 2022 23:27

Instrument :
MSVOA_L
ClientSampleId :
SS-1DL

Tgt Ion: 43 Resp: 13289
Ion Ratio Lower Upper
43 100
58 26.7 21.8 32.8

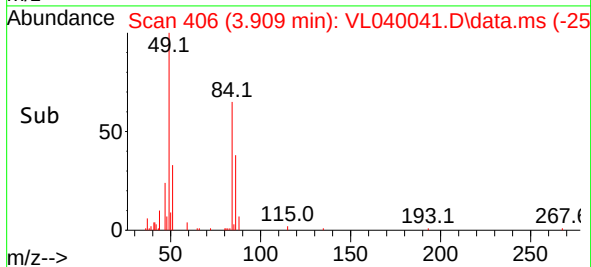
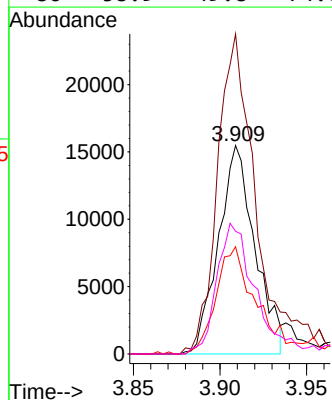
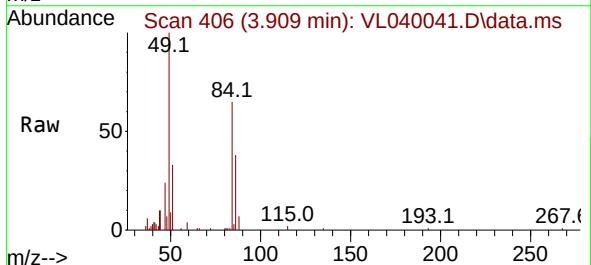
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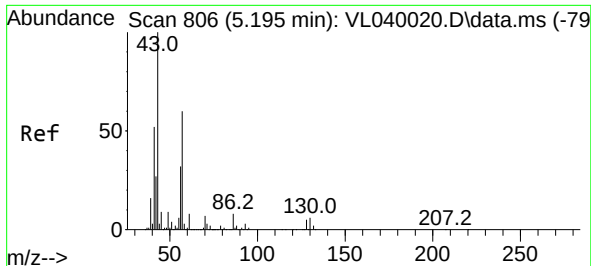
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#20
Methylene Chloride
Concen: 0.337 ppbv
RT: 3.909 min Scan# 406
Delta R.T. -0.006 min
Lab File: VL040041.D
Acq: 19 Dec 2022 23:27

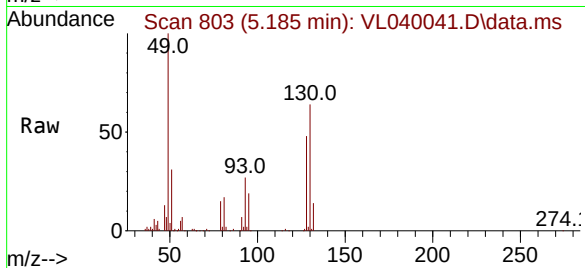
Tgt Ion: 84 Resp: 22757
Ion Ratio Lower Upper
84 100
49 153.5 120.5 180.7
51 51.4 35.2 52.8
86 58.9 49.8 74.6





#26
Hexane
Concen: 0.183 ppbv m
RT: 5.185 min Scan# 806
Delta R.T. -0.010 min
Lab File: VL040041.D
Acq: 19 Dec 2022 23:27

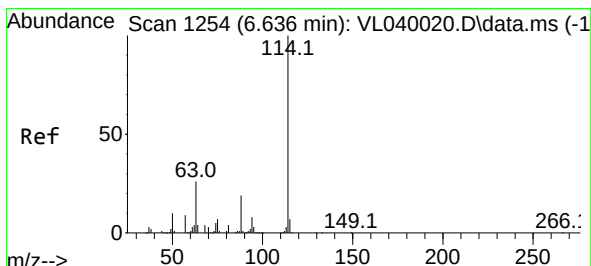
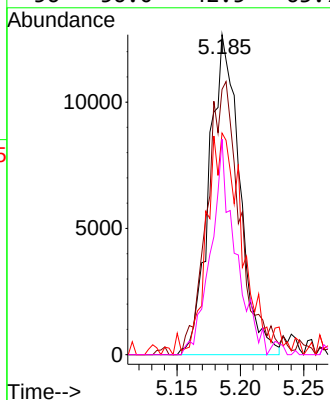
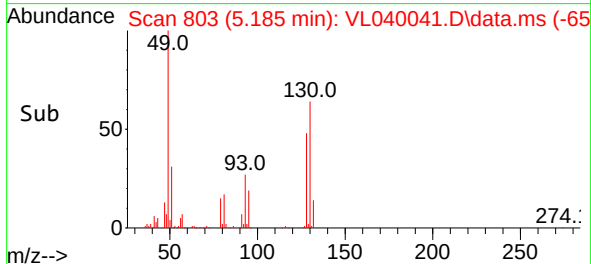
Instrument :
MSVOA_L
ClientSampleId :
SS-1DL



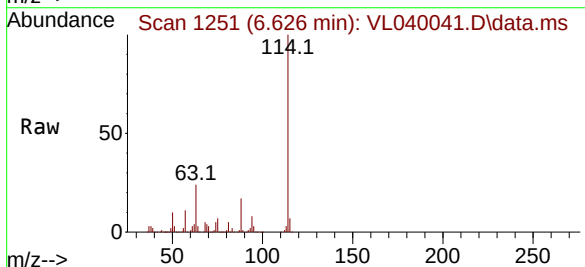
Tgt Ion: 57 Resp: 21139
Ion Ratio Lower Upper
57 100
41 95.5 72.1 108.1
43 85.4 192.1 288.1
56 56.0 42.5 63.7

Manual Integrations
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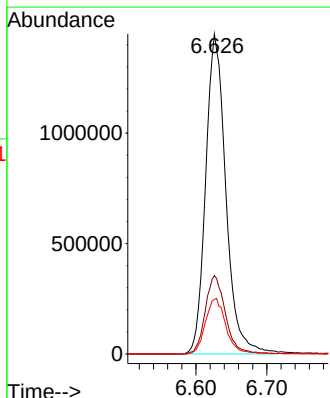
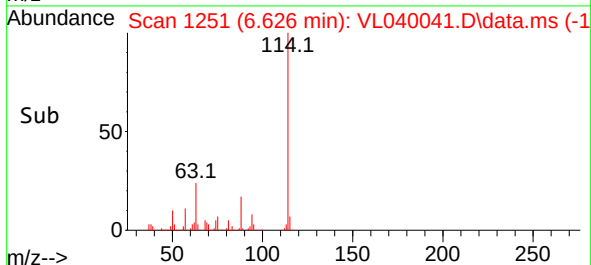
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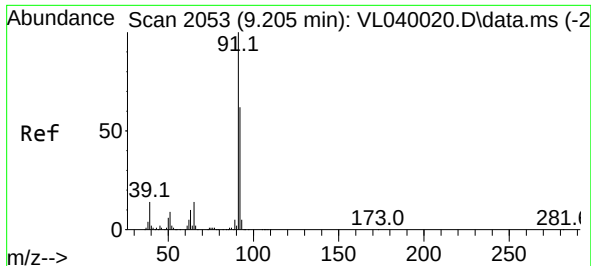


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.626 min Scan# 1251
Delta R.T. -0.010 min
Lab File: VL040041.D
Acq: 19 Dec 2022 23:27



Tgt Ion:114 Resp: 2872487
Ion Ratio Lower Upper
114 100
63 24.7 20.2 30.2
88 17.7 14.6 21.8





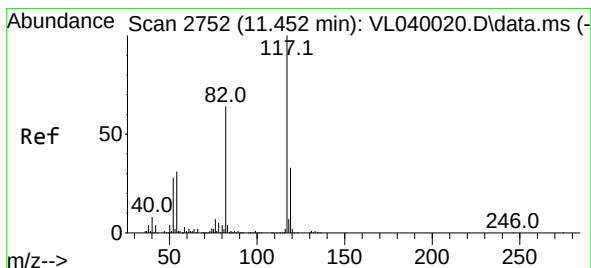
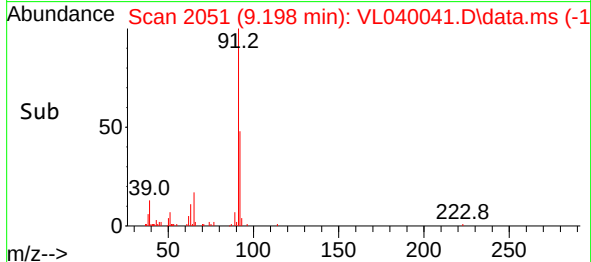
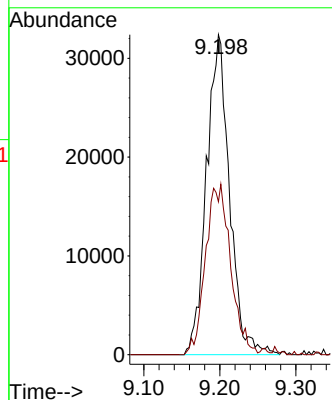
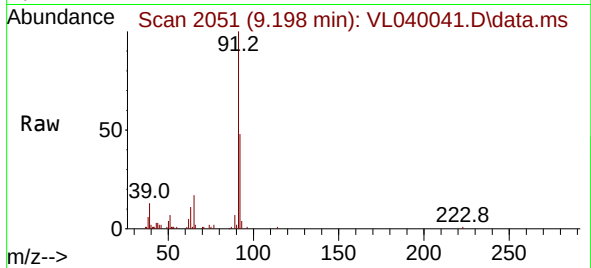
#53
Toluene
Concen: 0.239 ppbv m
RT: 9.198 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VL040041.D
Acq: 19 Dec 2022 23:27

Instrument :
MSVOA_L
ClientSampleId :
SS-1DL

Tgt Ion: 91 Resp: 68010
Ion Ratio Lower Upper
91 100
92 58.2 48.7 73.1

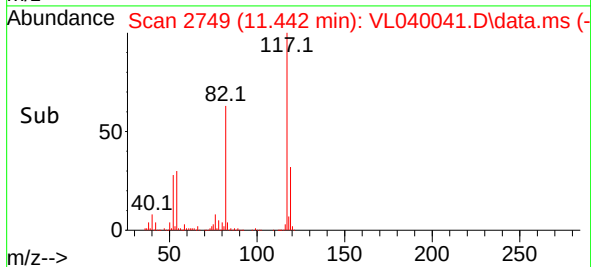
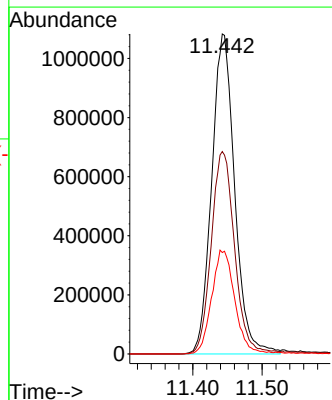
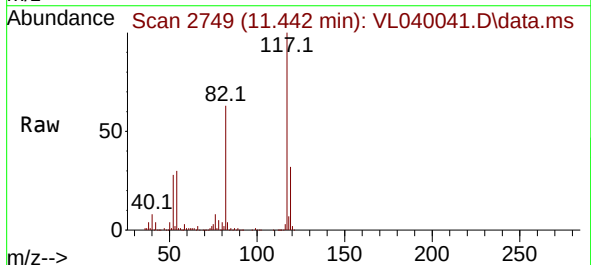
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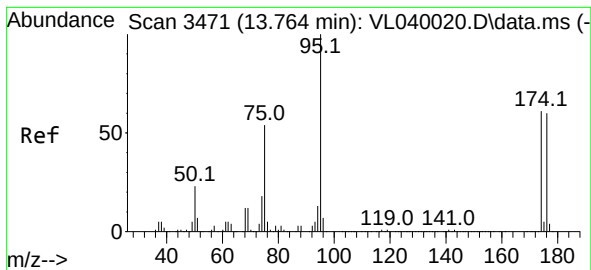
Reviewed By :Semsettin Yesilyurt 12/20/2022
Supervised By :Mahesh Dadoda 12/20/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.442 min Scan# 2749
Delta R.T. -0.010 min
Lab File: VL040041.D
Acq: 19 Dec 2022 23:27

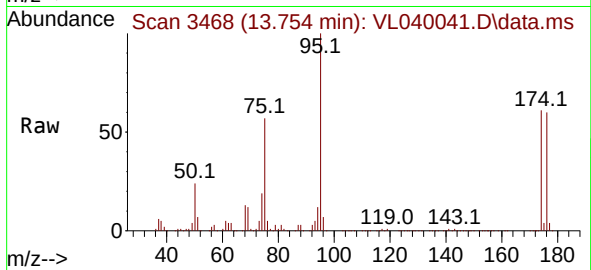
Tgt Ion:117 Resp: 2495484
Ion Ratio Lower Upper
117 100
82 65.0 51.2 76.8
119 33.2 23.2 34.8





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.844 ppbv
 RT: 13.754 min Scan# 34
 Delta R.T. -0.010 min
 Lab File: VL040041.D
 Acq: 19 Dec 2022 23:27

Instrument :
 MSVOA_L
 ClientSampleId :
 SS-1DL



Tgt Ion: 95 Resp: 187656
 Ion Ratio Lower Upper
 95 100
 174 64.5 48.6 73.0
 175 4.4 3.4 5.2

Manual Integrations
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