

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031424\
 Data File : VL041111.D
 Acq On : 14 Mar 2024 17:43
 Operator : SY/MD
 Sample : P1748-02DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-03DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/18/2024
 Supervised By :Mahesh Dadoda 03/18/2024

Quant Time: Mar 15 02:49:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL031124AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Mar 15 02:44:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.185	49	1233975	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	3220081	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.462	117	2868181	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	2276333	10.151	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.500%
Target Compounds						
					Qvalue	
9) Propene	2.687	41	22613	0.375	ppbv	98
13) Ethanol	3.247	45	7899m	0.491	ppbv	
15) Acetone	3.478	43	96886	0.689	ppbv #	86
20) Methylene Chloride	3.925	84	20224	0.369	ppbv	93
34) 2-Butanone	4.800	43	119882	0.752	ppbv	93
53) Toluene	9.214	91	2123819	8.220	ppbv	99

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

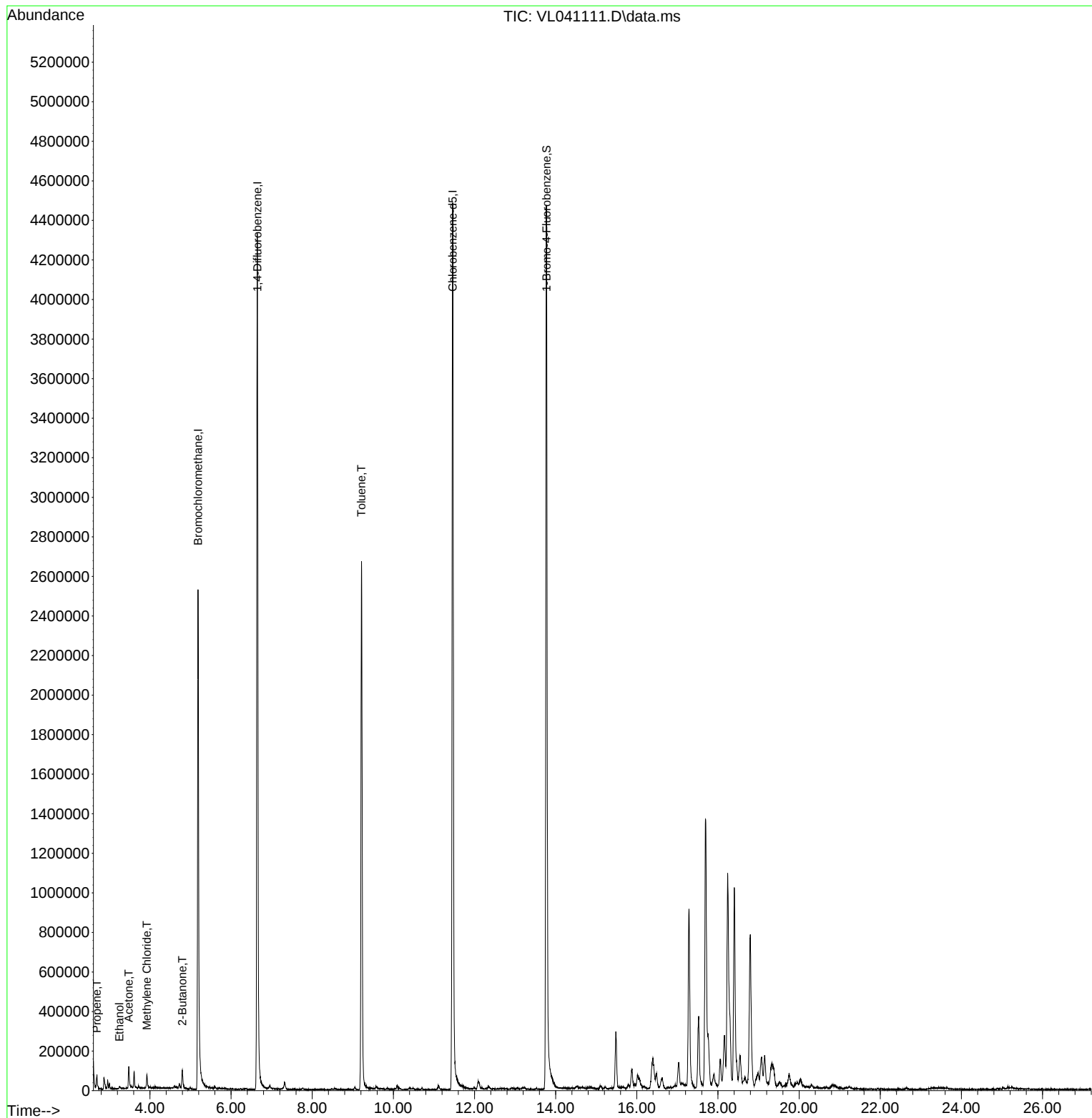
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031424\
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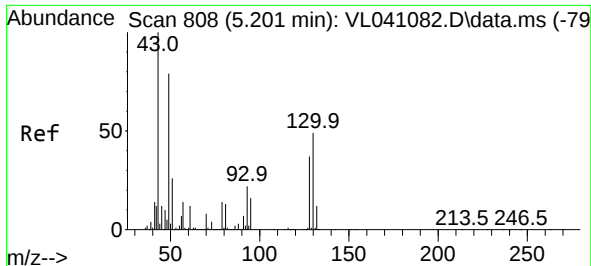
Instrument :
MSVOA_L
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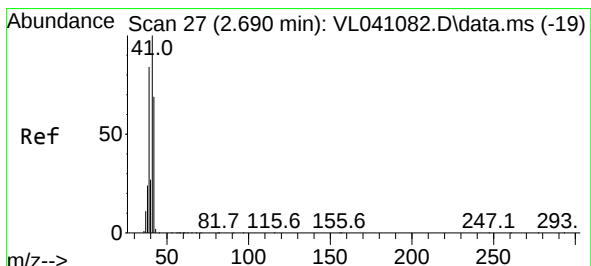
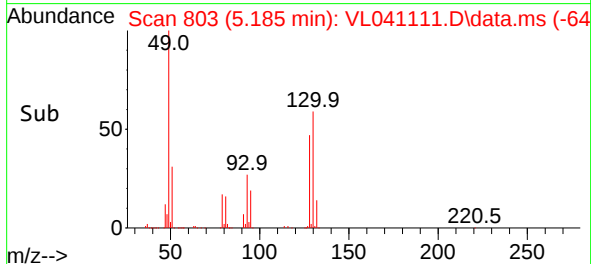
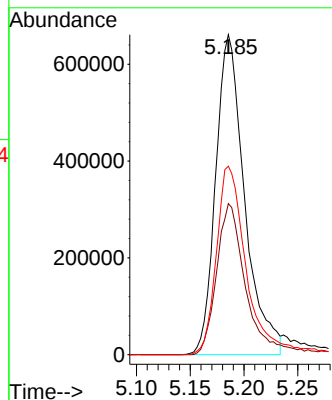
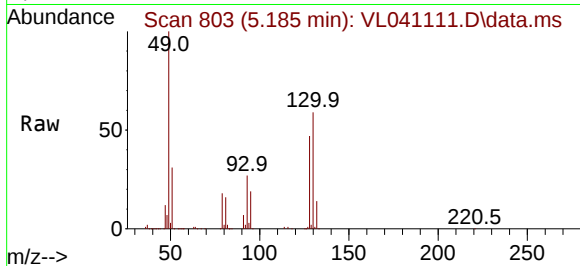
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041111.D
Acq: 14 Mar 2024 17:43

Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL

Tgt Ion: 49 Resp: 123397
Ion Ratio Lower Upper
49 100
128 49.4 23.8 71.5
130 62.9 30.3 90.9

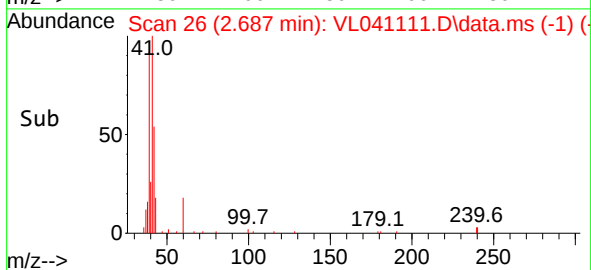
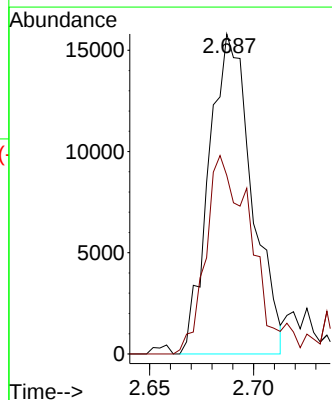
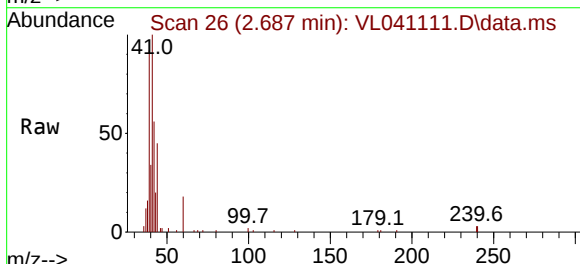
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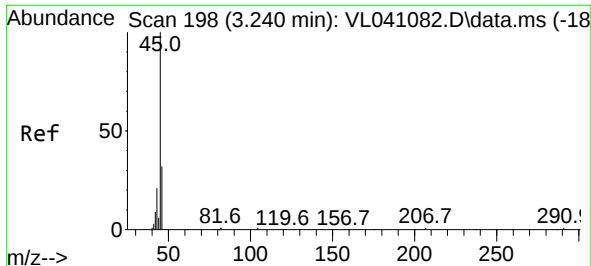
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#9
Propene
Concen: 0.375 ppbv
RT: 2.687 min Scan# 26
Delta R.T. 0.006 min
Lab File: VL041111.D
Acq: 14 Mar 2024 17:43

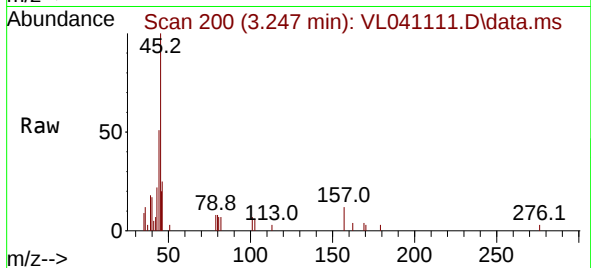
Tgt Ion: 41 Resp: 22613
Ion Ratio Lower Upper
41 100
42 71.7 55.9 83.9





#13
Ethanol
Concen: 0.491 ppbv m
RT: 3.247 min Scan# 200
Delta R.T. 0.019 min
Lab File: VL041111.D
Acq: 14 Mar 2024 17:43

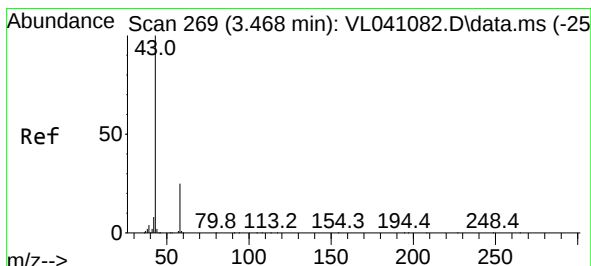
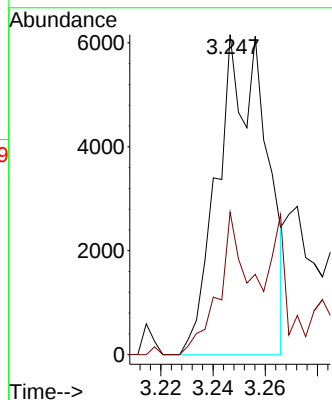
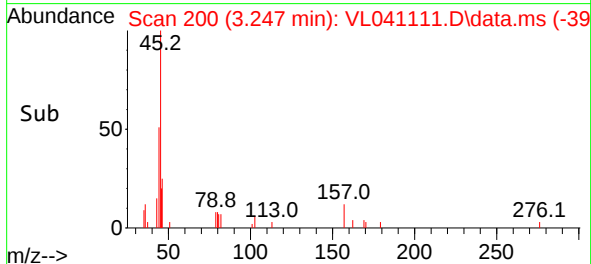
Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL



Tgt Ion: 45 Resp: 789
Ion Ratio Lower Upper
45 100
46 0.0 14.6 58.2

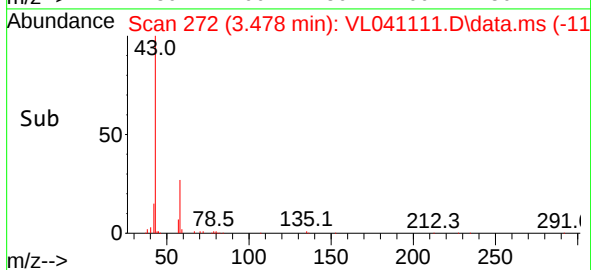
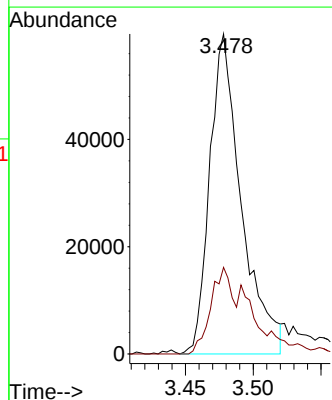
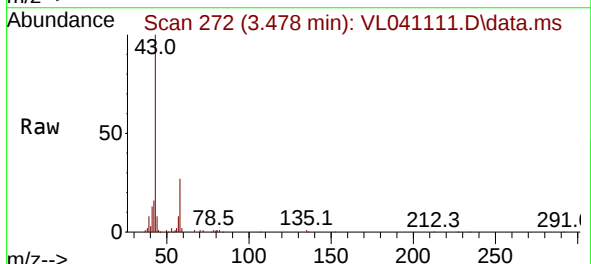
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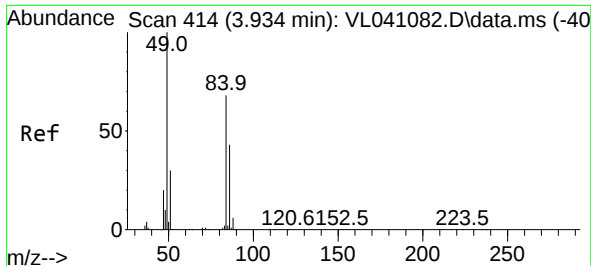
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#15
Acetone
Concen: 0.689 ppbv
RT: 3.478 min Scan# 272
Delta R.T. 0.022 min
Lab File: VL041111.D
Acq: 14 Mar 2024 17:43

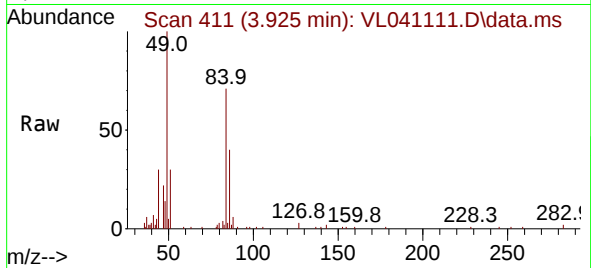
Tgt Ion: 43 Resp: 96886
Ion Ratio Lower Upper
43 100
58 34.5 21.7 32.5





#20
Methylene Chloride
Concen: 0.369 ppbv
RT: 3.925 min Scan# 411
Delta R.T. 0.003 min
Lab File: VL041111.D
Acq: 14 Mar 2024 17:43

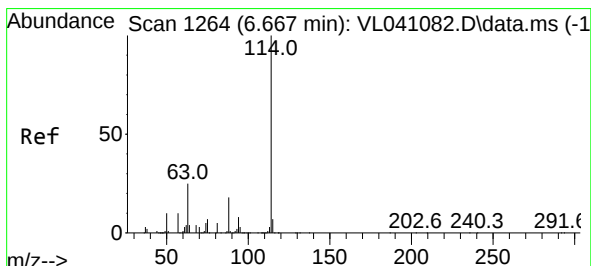
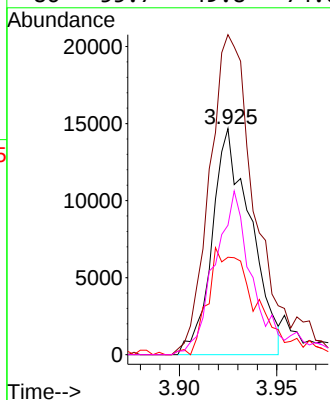
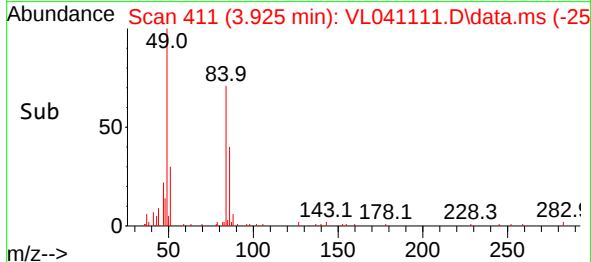
Instrument :
MSVOA_L
ClientSampleId :
SVP-03DL



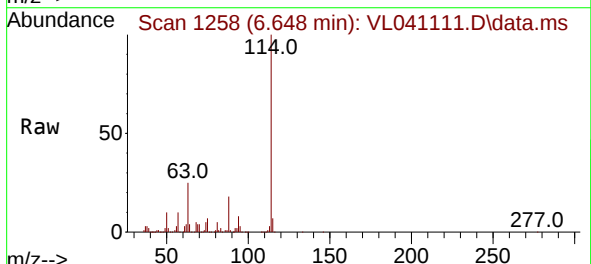
Tgt Ion:	84	Resp:	20224
Ion	Ratio	Lower	Upper
84	100		
49	137.6	117.0	175.6
51	41.5	34.9	52.3
86	55.7	49.8	74.6

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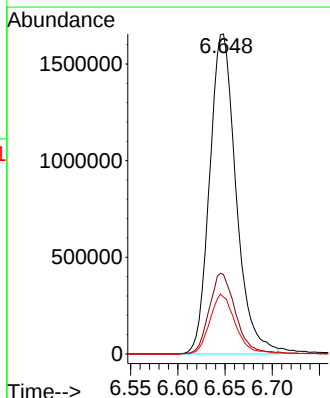
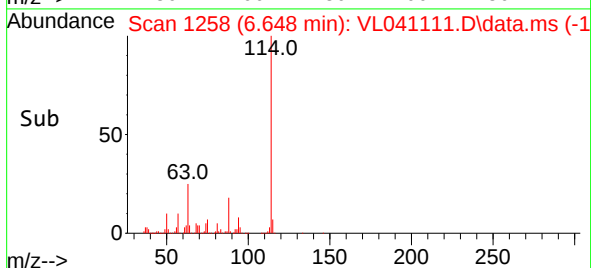
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Supervised By :Mahesh Dadoda 03/18/2024

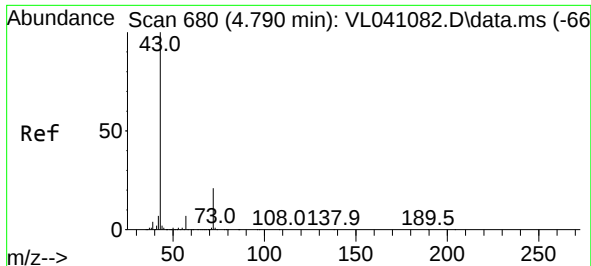


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VL041111.D
Acq: 14 Mar 2024 17:43



Tgt Ion:	114	Resp:	3220081
Ion	Ratio	Lower	Upper
114	100		
63	25.5	21.0	31.6
88	18.2	14.6	22.0





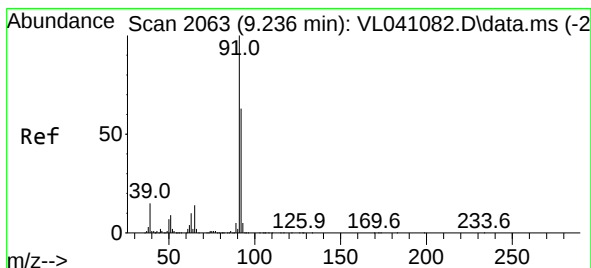
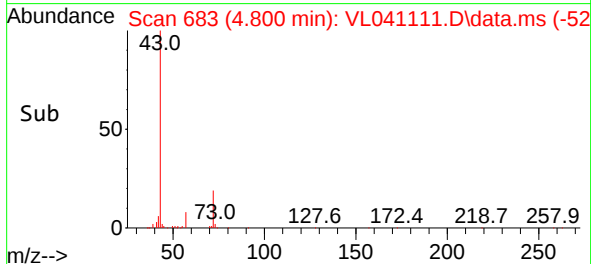
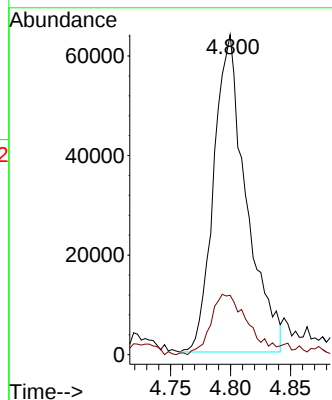
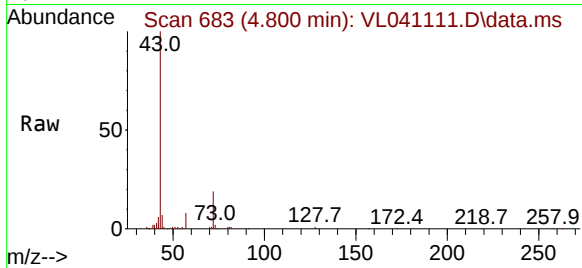
#34
2-Butanone
Concen: 0.752 ppbv
RT: 4.800 min Scan# 61
Delta R.T. 0.026 min
Lab File: VL041111.D
Acq: 14 Mar 2024 17:43

Instrument :
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Tgt Ion: 43 Resp: 11988
Ion Ratio Lower Upper
43 100
72 25.0 17.4 26.0

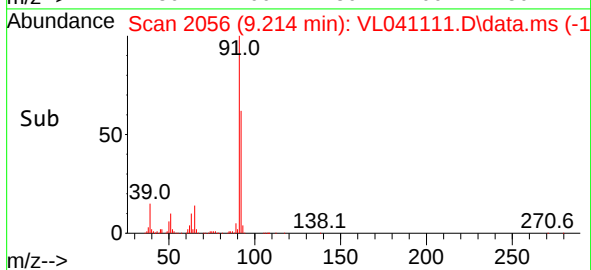
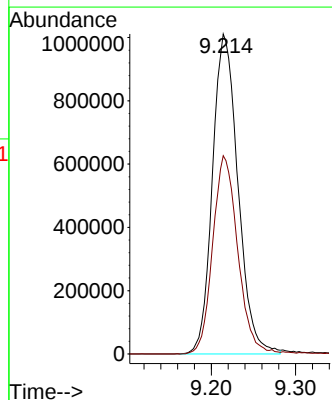
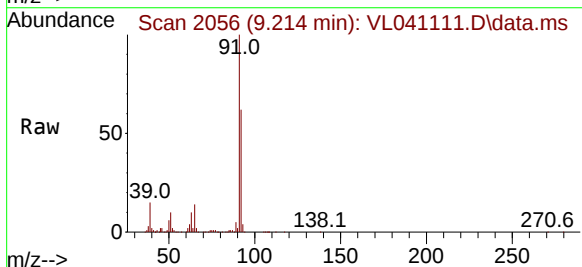
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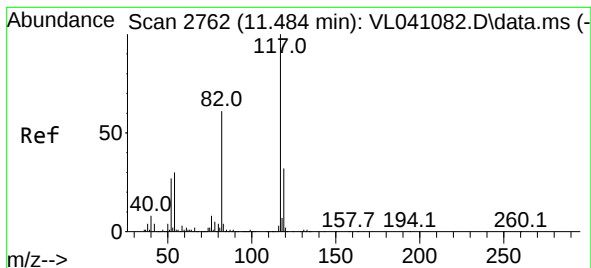
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#53
Toluene
Concen: 8.220 ppbv
RT: 9.214 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VL041111.D
Acq: 14 Mar 2024 17:43

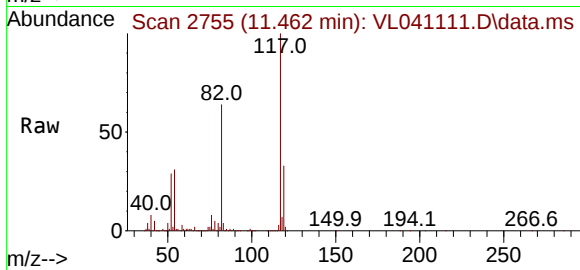
Tgt Ion: 91 Resp: 2123819
Ion Ratio Lower Upper
91 100
92 61.5 48.9 73.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL041111.D
Acq: 14 Mar 2024 17:43

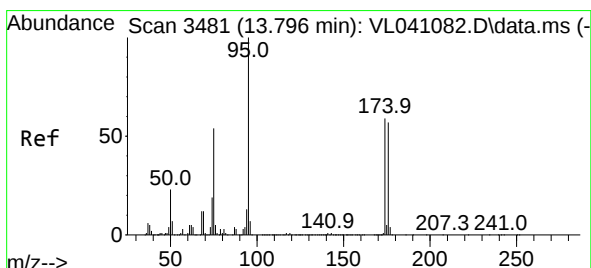
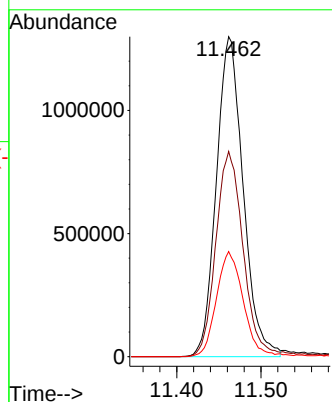
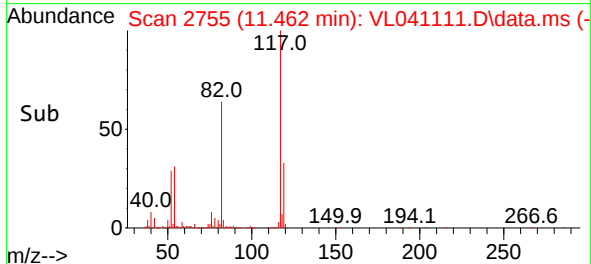
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ClientSampleId :
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Tgt Ion: 117 Resp: 286818
Ion Ratio Lower Upper
117 100
82 67.0 51.4 77.2
119 33.8 23.7 35.5

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#68
1-Bromo-4-Fluorobenzene
Concen: 10.151 ppbv
RT: 13.773 min Scan# 3474
Delta R.T. 0.010 min
Lab File: VL041111.D
Acq: 14 Mar 2024 17:43

Tgt Ion: 95 Resp: 2276333
Ion Ratio Lower Upper
95 100
174 61.4 47.8 71.8
175 4.7 3.5 5.3

