

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL031424\
 Data File : VL041109.D
 Acq On : 14 Mar 2024 16:25
 Operator : SY/MD
 Sample : P1748-01DL2 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-04DL2

Manual Integrations
 APPROVED

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

Quant Time: Mar 15 02:48:28 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	1256678	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.648	114	3055798	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2708004	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	2190577	10.346	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.500%
Target Compounds						
					Qvalue	
9) Propene	2.693	41	6750m	0.110	ppbv	
13) Ethanol	3.253	45	7928m	0.484	ppbv	
15) Acetone	3.491	43	20234	0.141	ppbv	96
20) Methylene Chloride	3.931	84	24097	0.432	ppbv #	83
53) Toluene	9.224	91	321376	1.311	ppbv	98

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

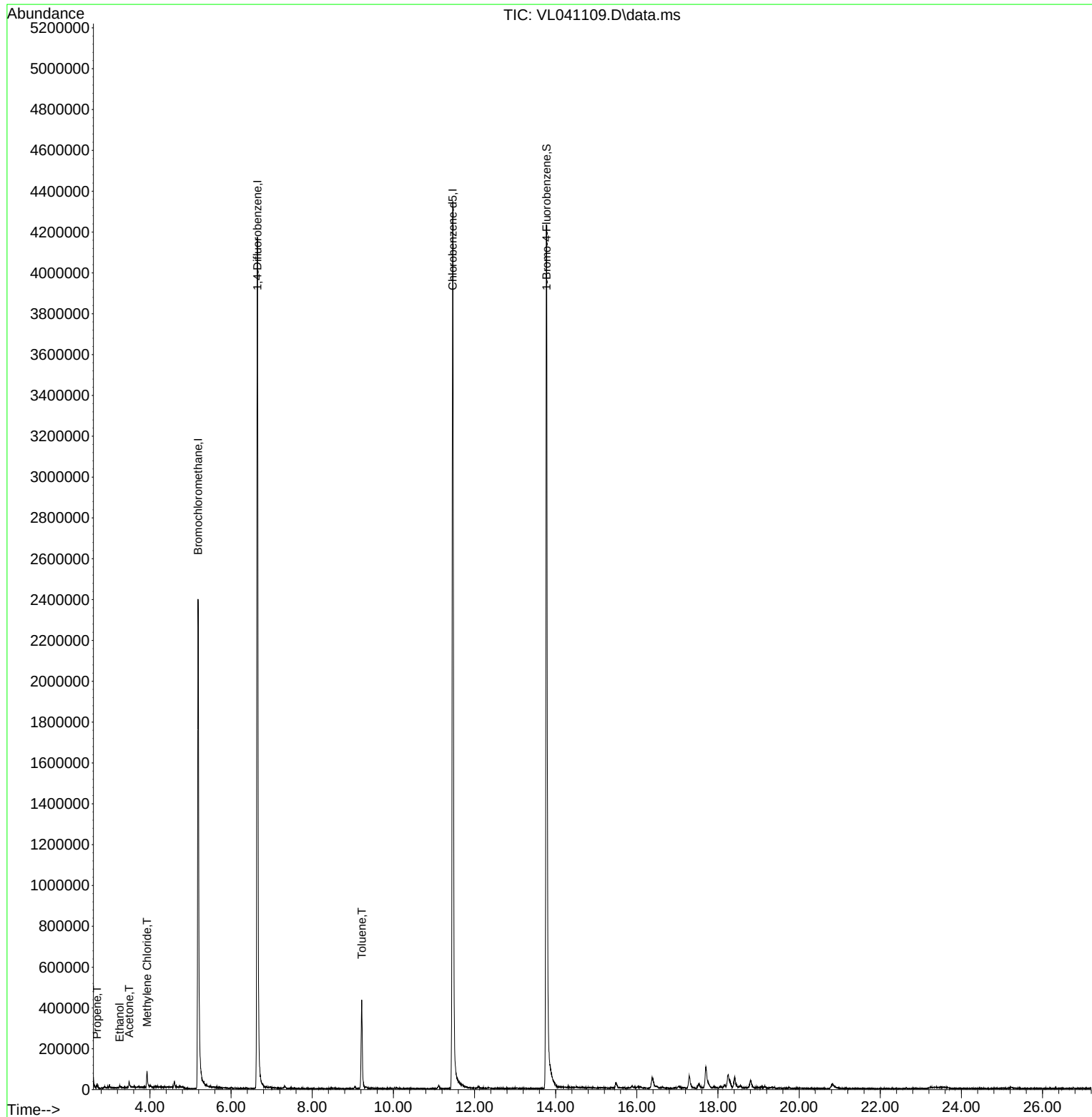
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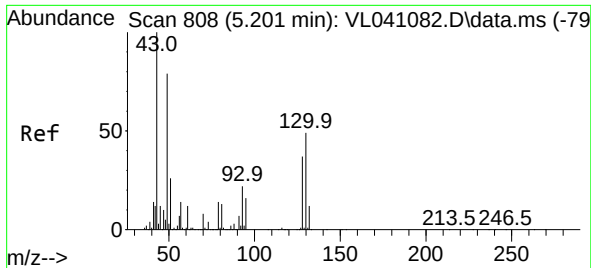
Instrument :
MSVOA_L
ClientSampleId :
SVP-04DL2

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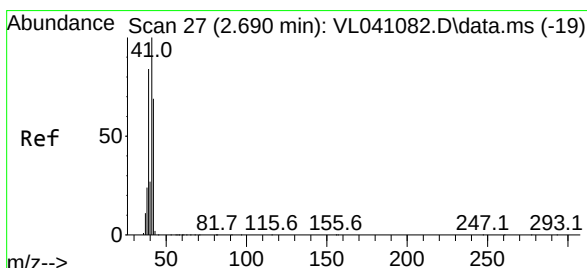
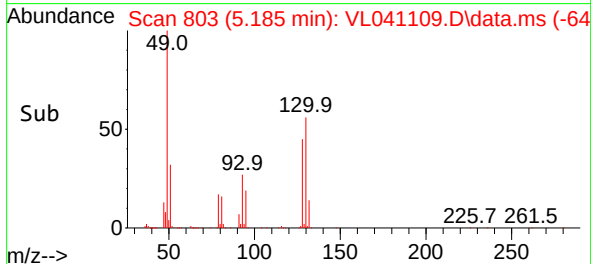
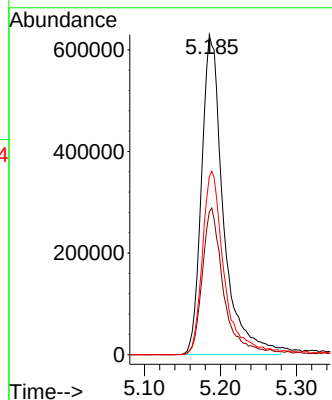
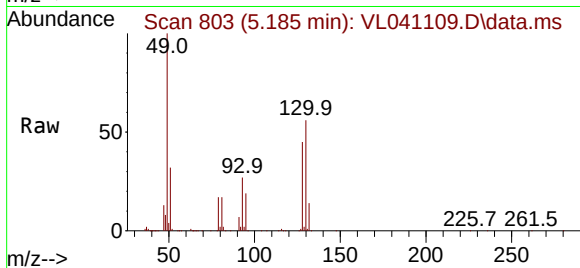
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.185 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041109.D
Acq: 14 Mar 2024 16:25

Instrument :
MSVOA_L
ClientSampleId :
SVP-04DL2

Tgt Ion: 49 Resp: 1256678
Ion Ratio Lower Upper
49 100
128 45.6 23.8 71.5
130 59.2 30.3 90.9

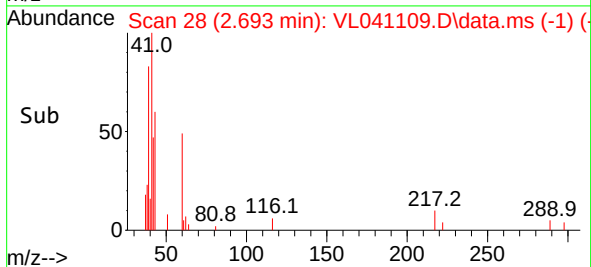
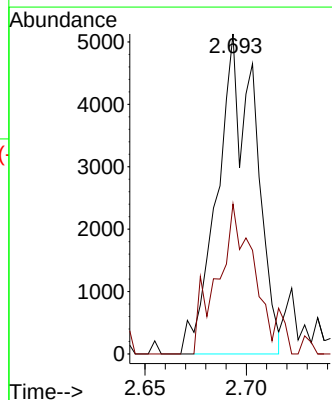
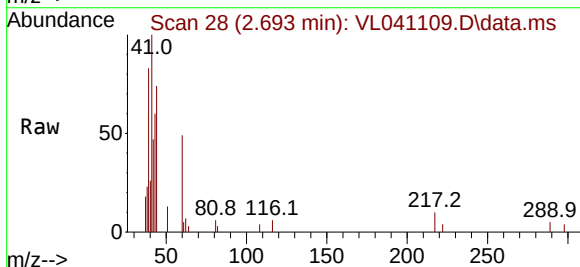
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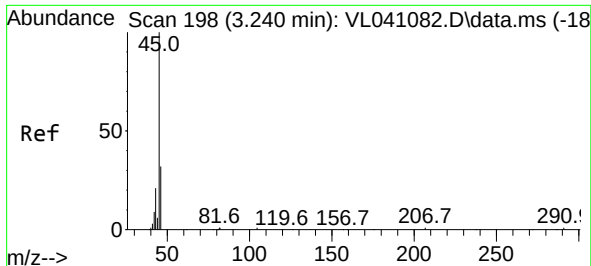
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#9
Propene
Concen: 0.110 ppbv m
RT: 2.693 min Scan# 28
Delta R.T. 0.013 min
Lab File: VL041109.D
Acq: 14 Mar 2024 16:25

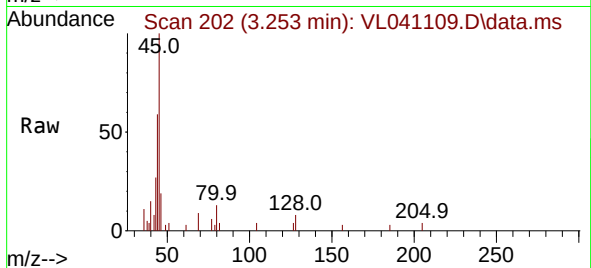
Tgt Ion: 41 Resp: 6750
Ion Ratio Lower Upper
41 100
42 47.0 55.9 83.9#





#13
Ethanol
Concen: 0.484 ppbv m
RT: 3.253 min Scan# 20
Delta R.T. 0.026 min
Lab File: VL041109.D
Acq: 14 Mar 2024 16:25

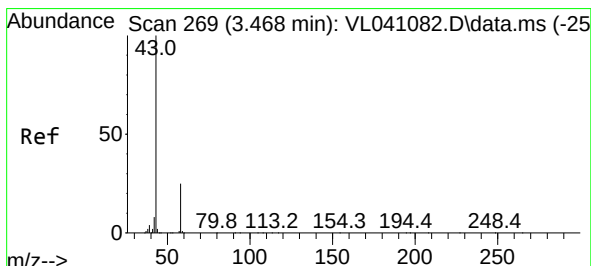
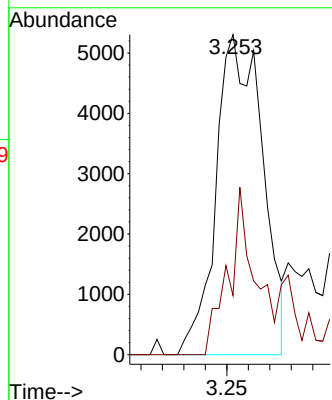
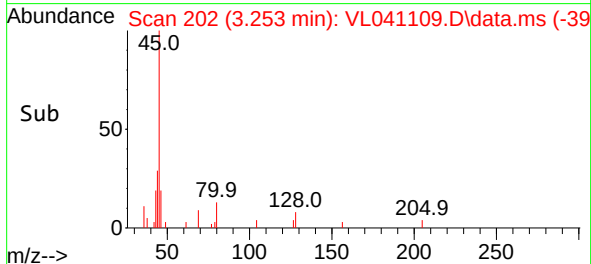
Instrument :
MSVOA_L
ClientSampleId :
SVP-04DL2



Tgt Ion: 45 Resp: 7928
Ion Ratio Lower Upper
45 100
46 47.7 14.6 58.2

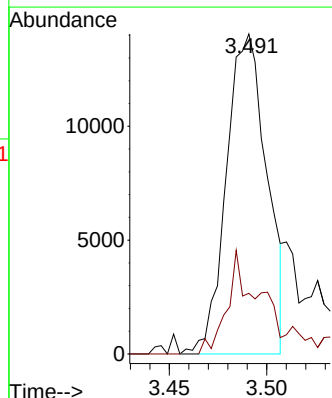
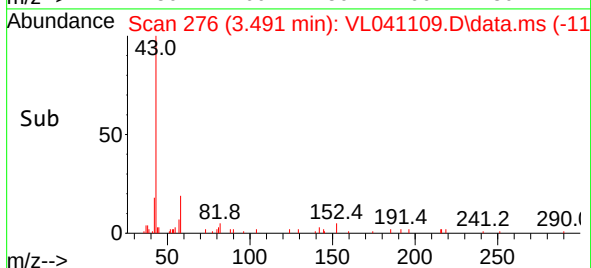
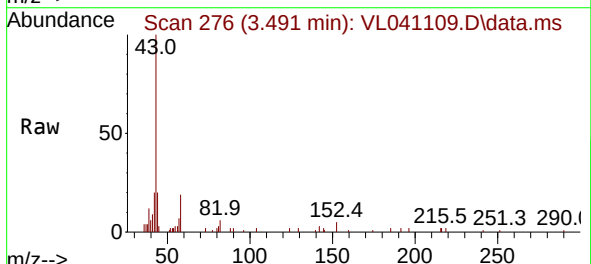
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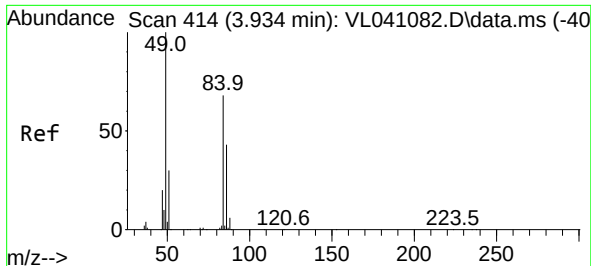
Reviewed By :Semsettin Yesilyurt 03/18/2024
Supervised By :Mahesh Dadoda 03/18/2024



#15
Acetone
Concen: 0.141 ppbv
RT: 3.491 min Scan# 276
Delta R.T. 0.035 min
Lab File: VL041109.D
Acq: 14 Mar 2024 16:25

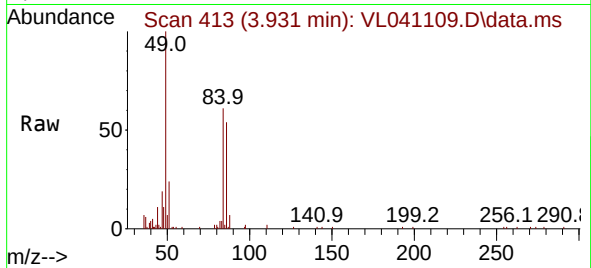
Tgt Ion: 43 Resp: 20234
Ion Ratio Lower Upper
43 100
58 29.3 21.7 32.5





#20
Methylene Chloride
Concen: 0.432 ppbv
RT: 3.931 min Scan# 41
Delta R.T. 0.009 min
Lab File: VL041109.D
Acq: 14 Mar 2024 16:25

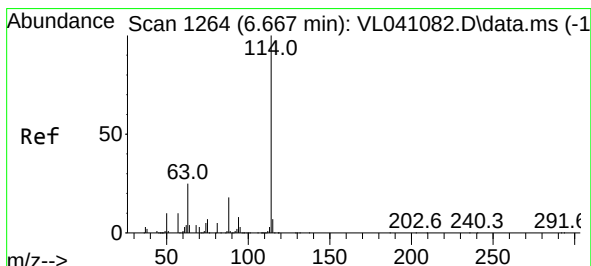
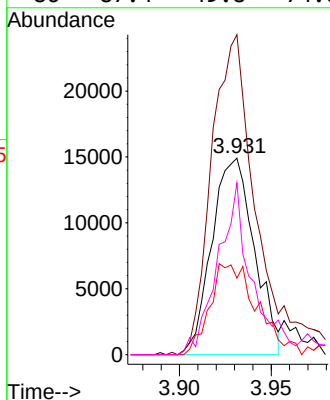
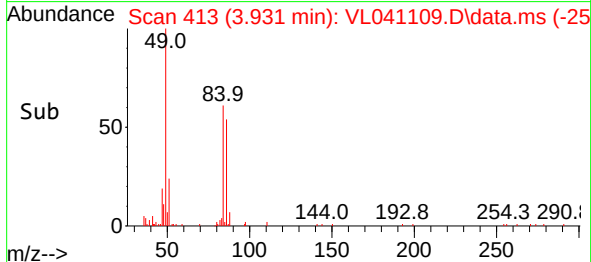
Instrument :
MSVOA_L
ClientSampleId :
SVP-04DL2



Tgt Ion: 84 Resp: 2409
Ion Ratio Lower Upper
84 100
49 162.8 117.0 175.6
51 39.0 34.9 52.3
86 87.4 49.8 74.6#

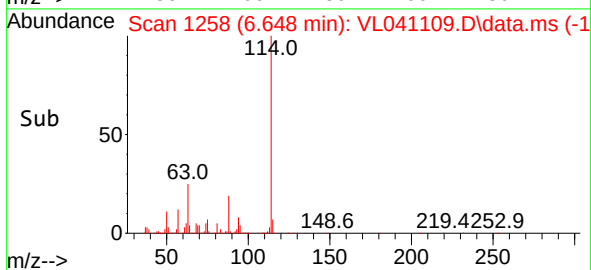
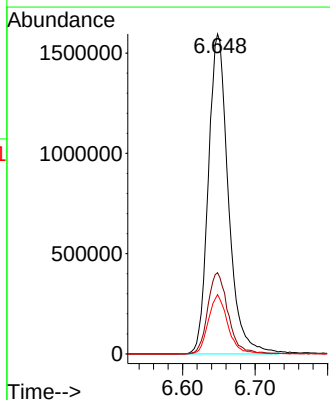
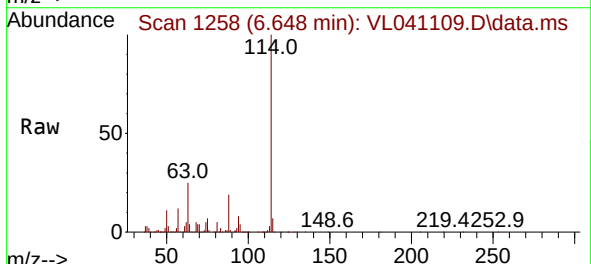
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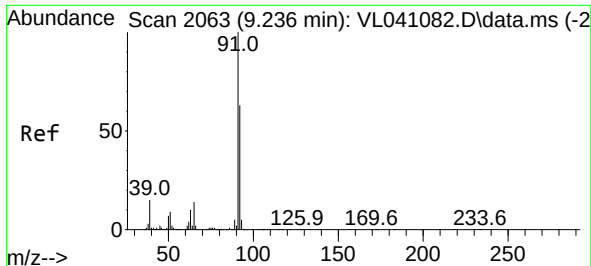
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Supervised By :Mahesh Dadoda 03/18/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.648 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VL041109.D
Acq: 14 Mar 2024 16:25

Tgt Ion:114 Resp: 3055798
Ion Ratio Lower Upper
114 100
63 26.2 21.0 31.6
88 18.0 14.6 22.0





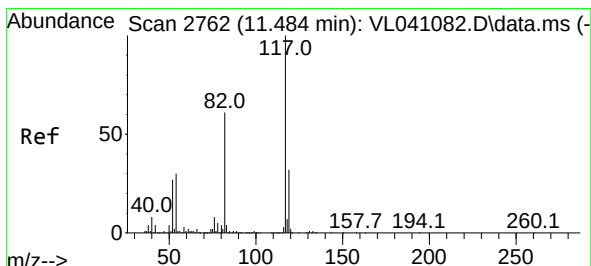
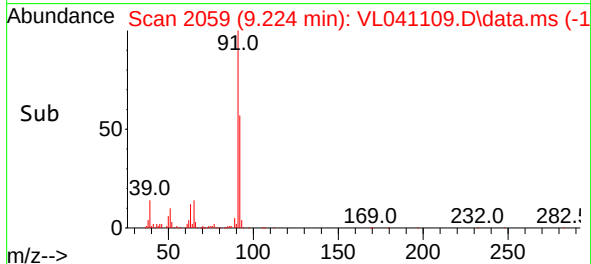
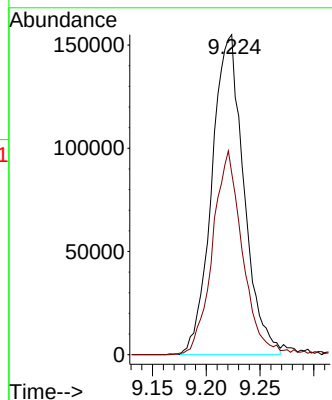
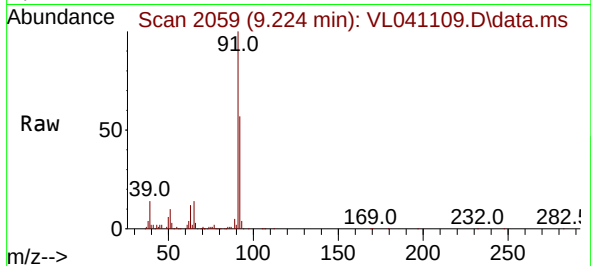
#53
Toluene
Concen: 1.311 ppbv
RT: 9.224 min Scan# 2063
Delta R.T. 0.013 min
Lab File: VL041109.D
Acq: 14 Mar 2024 16:25

Instrument :
MSVOA_L
ClientSampleId :
SVP-04DL2

Tgt Ion: 91 Resp: 321370
Ion Ratio Lower Upper
91 100
92 59.7 48.9 73.3

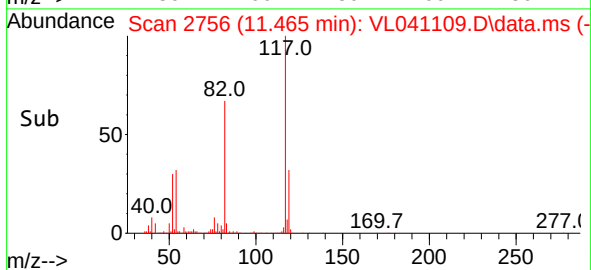
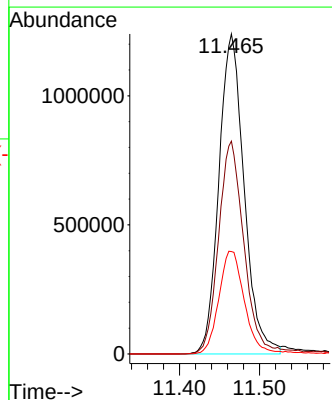
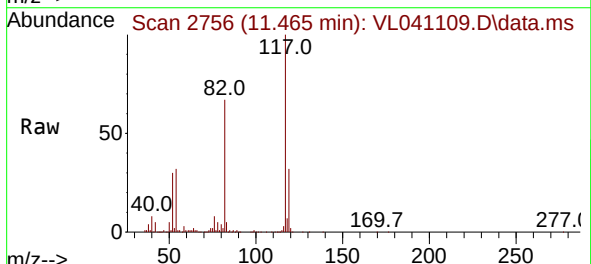
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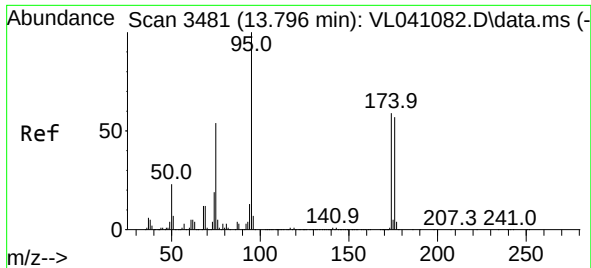
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Supervised By :Mahesh Dadoda 03/18/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. 0.006 min
Lab File: VL041109.D
Acq: 14 Mar 2024 16:25

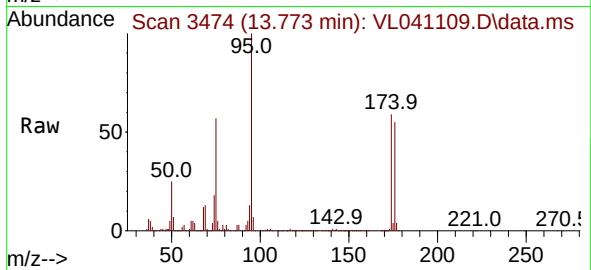
Tgt Ion:117 Resp: 2708004
Ion Ratio Lower Upper
117 100
82 68.1 51.4 77.2
119 33.3 23.7 35.5





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.346 ppbv
 RT: 13.773 min Scan# 34
 Delta R.T. 0.009 min
 Lab File: VL041109.D
 Acq: 14 Mar 2024 16:25

Instrument :
 MSVOA_L
 ClientSampleId :
 SVP-04DL2



Tgt Ion: 95 Resp: 219057
 Ion Ratio Lower Upper
 95 100
 174 59.7 47.8 71.8
 175 4.3 3.5 5.3

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