

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112024\
 Data File : VL041708.D
 Acq On : 20 Nov 2024 20:33
 Operator : SY/MD
 Sample : P4911-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024

Quant Time: Nov 21 05:15:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Fri Nov 08 01:01:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.211	49	1198174	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.674	114	3245825	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.487	117	2859554	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.796	95	2092511	9.931	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.300%
Target Compounds						
9) Propene	2.723	41	63961	0.940	ppbv	86
13) Ethanol	3.279	45	13896m	3.336	ppbv	
26) Hexane	5.230	57	60214	0.513	ppbv #	29
34) 2-Butanone	4.825	43	52579	0.325	ppbv	95
62) Isopropylbenzene	14.050	105	148209	0.358	ppbv	99

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

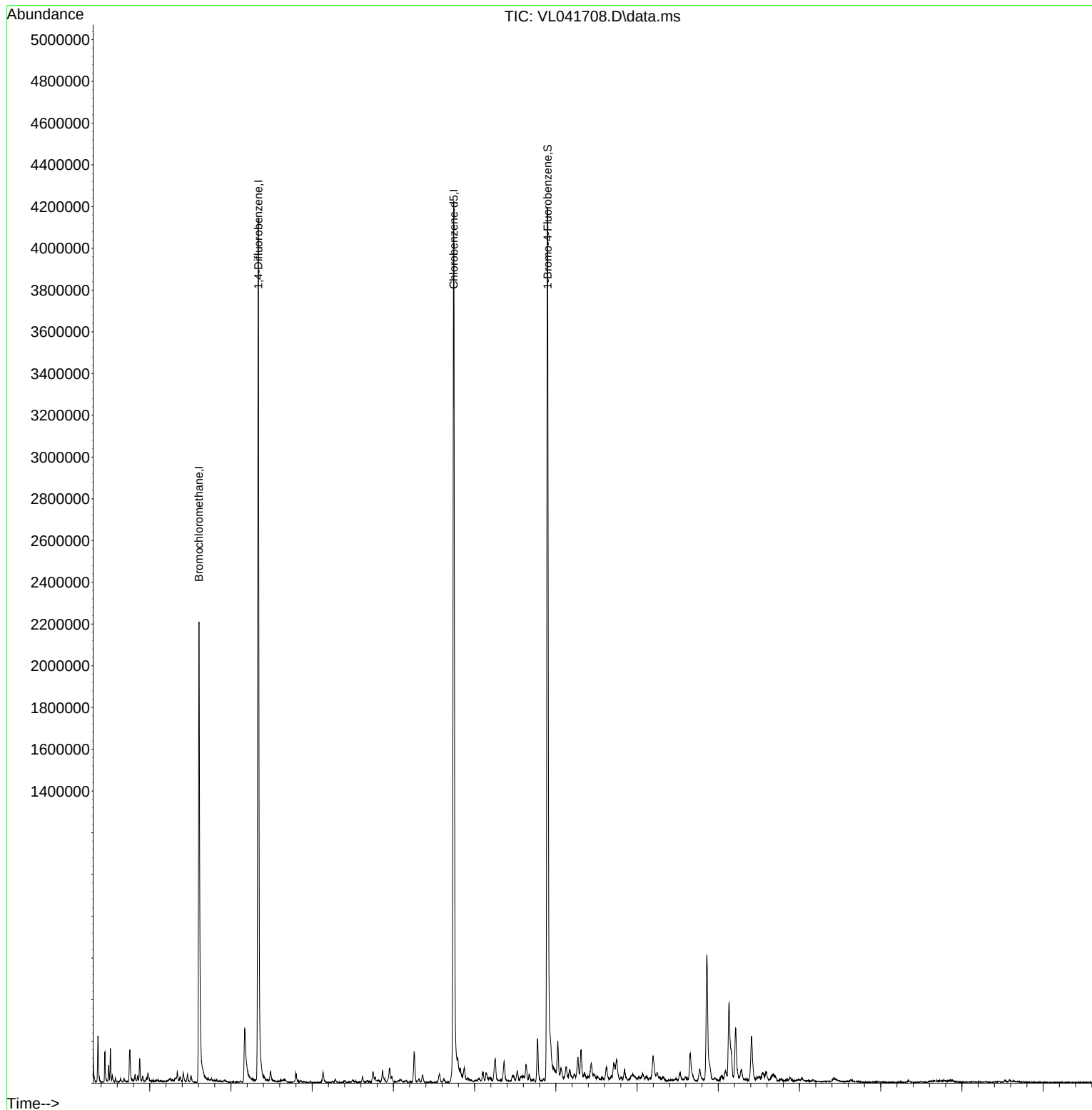
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL112024\
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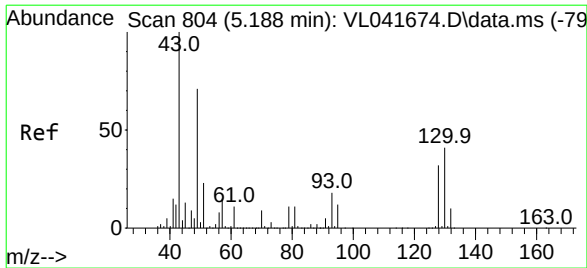
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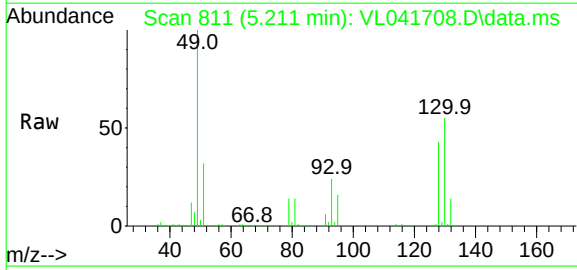
Quant Time: Nov 21 05:15:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110724AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Fri Nov 08 01:01:00 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.211 min Scan# 81
Delta R.T. 0.023 min
Lab File: VL041708.D
Acq: 20 Nov 2024 20:33

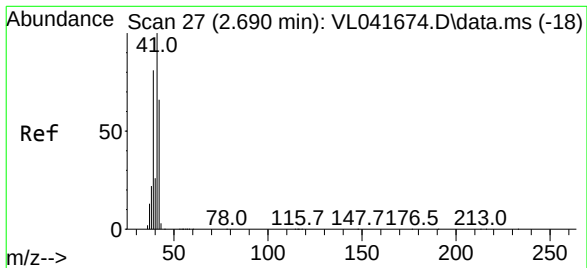
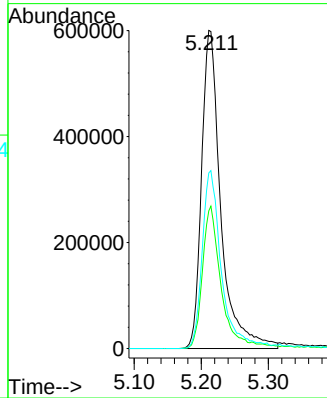
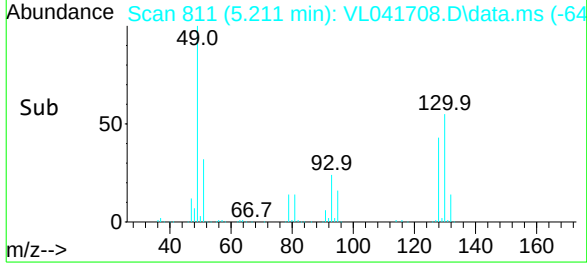
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 49 Resp: 1198174
Ion Ratio Lower Upper
49 100
128 45.1 23.8 71.2
130 58.1 30.1 90.5

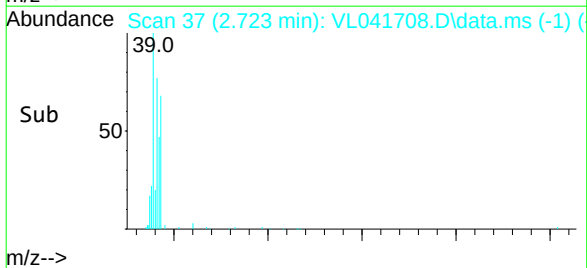
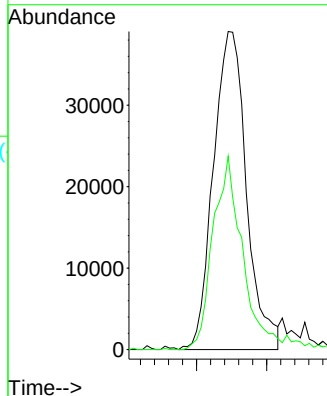
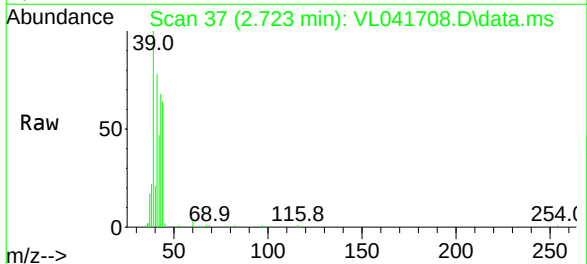
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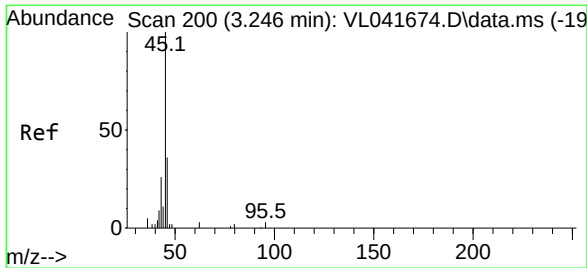
Reviewed By :Semsettin Yesilyurt 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024



#9
Propene
Concen: 0.940 ppbv
RT: 2.723 min Scan# 37
Delta R.T. 0.032 min
Lab File: VL041708.D
Acq: 20 Nov 2024 20:33

Tgt Ion: 41 Resp: 63961
Ion Ratio Lower Upper
41 100
42 57.2 55.0 82.4





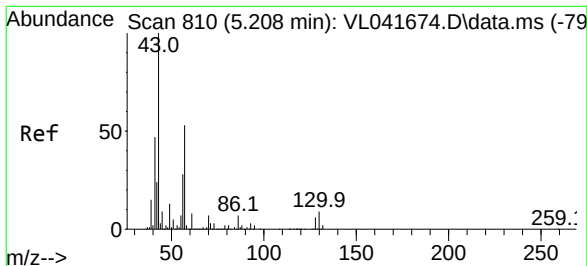
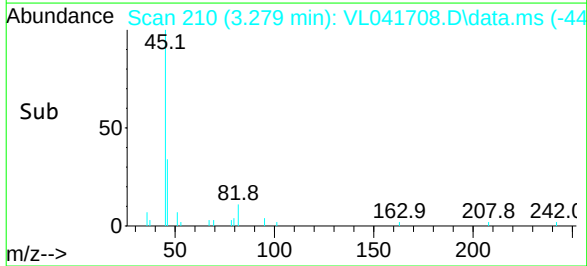
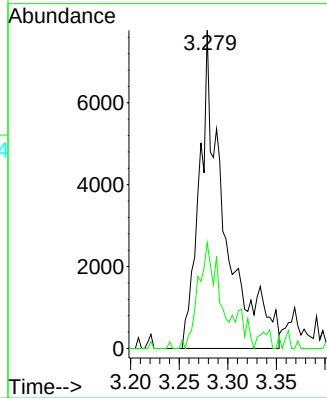
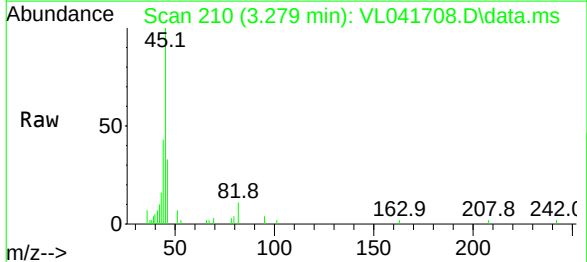
#13
Ethanol
Concen: 3.336 ppbv m
RT: 3.279 min Scan# 211
Delta R.T. 0.032 min
Lab File: VL041708.D
Acq: 20 Nov 2024 20:33

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion: 45 Resp: 13896
Ion Ratio Lower Upper
45 100
46 0.0 13.8 55.2#

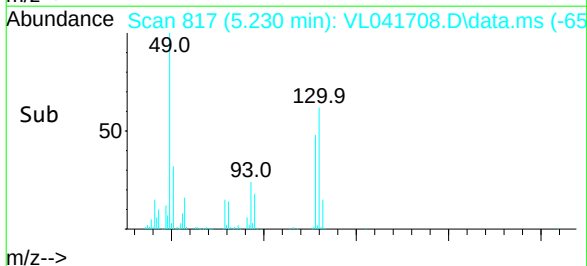
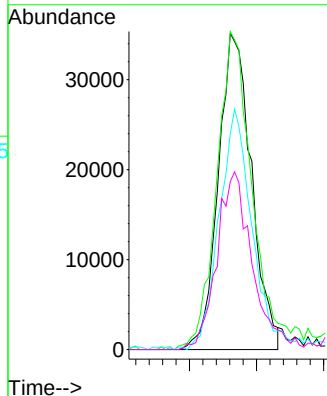
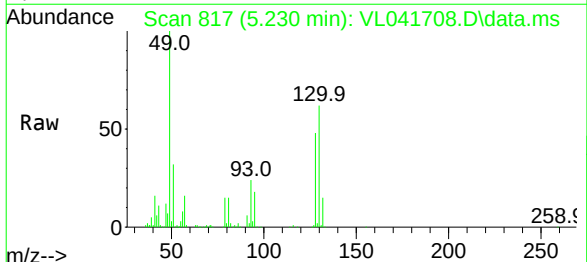
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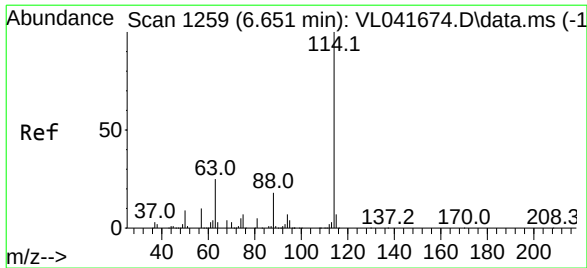
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Supervised By :Mahesh Dadoda 11/21/2024



#26
Hexane
Concen: 0.513 ppbv
RT: 5.230 min Scan# 817
Delta R.T. 0.023 min
Lab File: VL041708.D
Acq: 20 Nov 2024 20:33

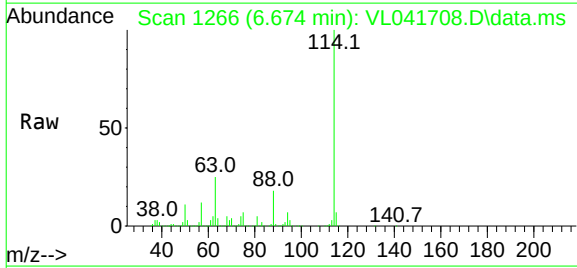
Tgt Ion: 57 Resp: 60214
Ion Ratio Lower Upper
57 100
41 116.8 76.1 114.1#
43 75.3 207.0 310.6#
56 60.6 43.7 65.5





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.674 min Scan# 12
Delta R.T. 0.023 min
Lab File: VL041708.D
Acq: 20 Nov 2024 20:33

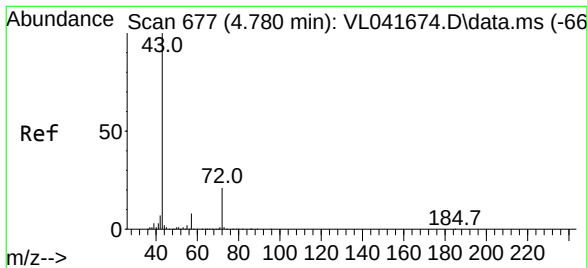
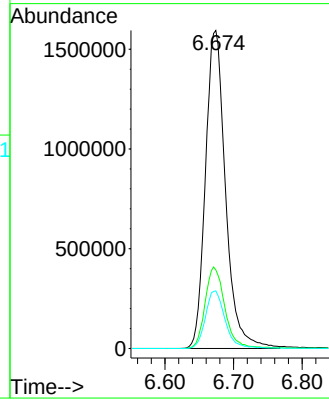
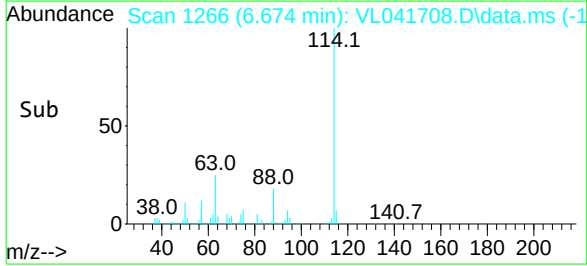
Instrument :
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ClientSampleId :
SV1DL



Tgt Ion: 114 Resp: 3245825
Ion Ratio Lower Upper
114 100
63 25.5 20.3 30.5
88 17.9 14.2 21.4

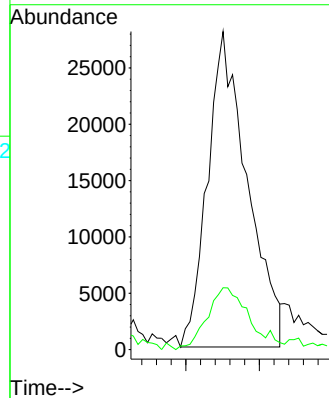
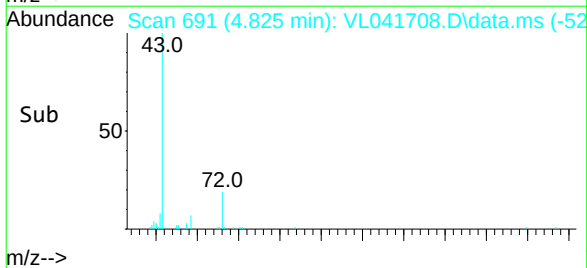
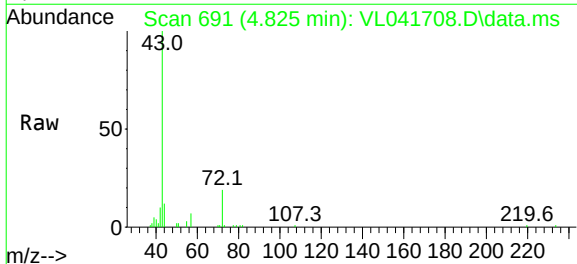
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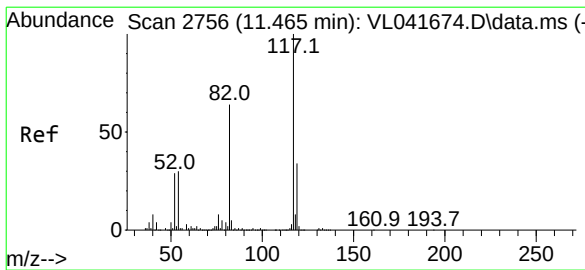
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Supervised By :Mahesh Dadoda 11/21/2024



#34
2-Butanone
Concen: 0.325 ppbv
RT: 4.825 min Scan# 691
Delta R.T. 0.045 min
Lab File: VL041708.D
Acq: 20 Nov 2024 20:33

Tgt Ion: 43 Resp: 52579
Ion Ratio Lower Upper
43 100
72 24.0 17.4 26.0





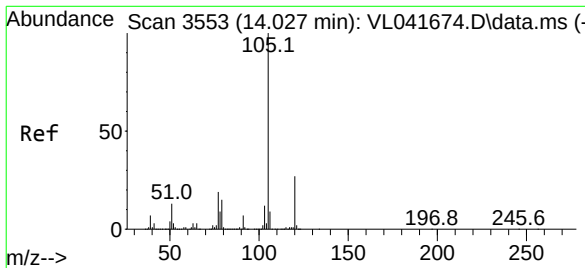
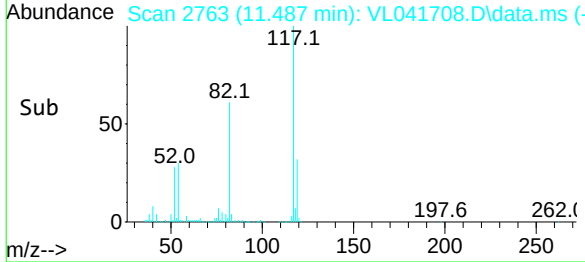
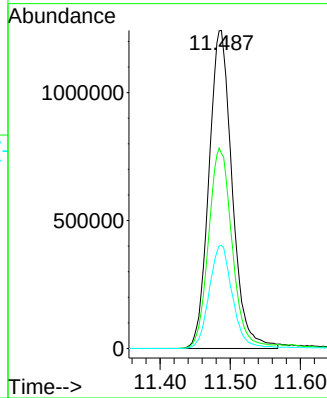
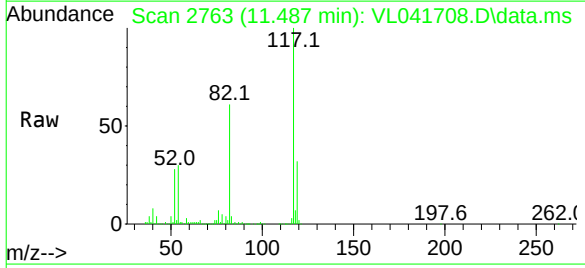
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.487 min Scan# 2756
Delta R.T. 0.023 min
Lab File: VL041708.D
Acq: 20 Nov 2024 20:33

Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Tgt Ion:117 Resp: 2859554
Ion Ratio Lower Upper
117 100
82 65.9 49.8 74.8
119 32.9 24.2 36.4

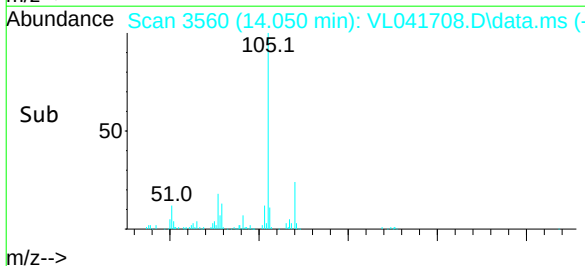
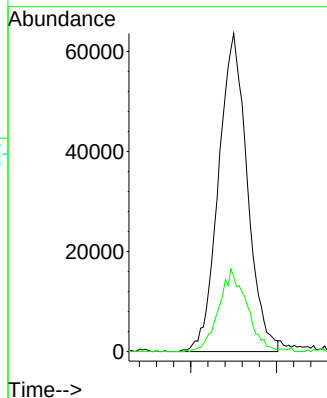
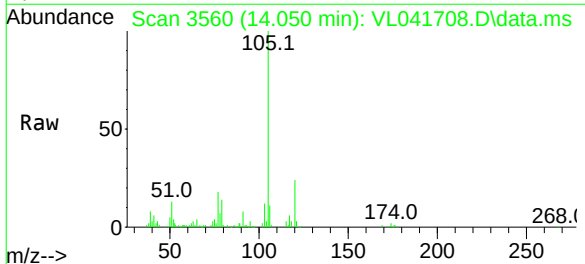
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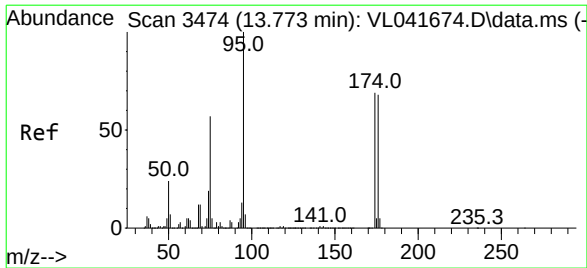
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Supervised By :Mahesh Dadoda 11/21/2024



#62
Isopropylbenzene
Concen: 0.358 ppbv
RT: 14.050 min Scan# 3560
Delta R.T. 0.023 min
Lab File: VL041708.D
Acq: 20 Nov 2024 20:33

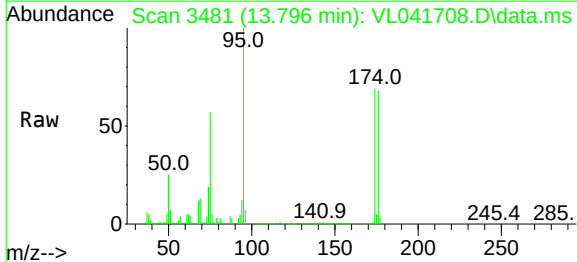
Tgt Ion:105 Resp: 148209
Ion Ratio Lower Upper
105 100
120 25.6 21.1 31.7





#68
1-Bromo-4-Fluorobenzene
Concen: 9.931 ppbv
RT: 13.796 min Scan# 34
Delta R.T. 0.023 min
Lab File: VL041708.D
Acq: 20 Nov 2024 20:33

Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion:	95	Resp:	2092511
Ion	Ratio	Lower	Upper
95	100		
174	71.9	55.6	83.4
175	4.9	4.2	6.2

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