

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081224\
 Data File : VL041534.D
 Acq On : 12 Aug 2024 13:25
 Operator : SY/MD
 Sample : P3496-05DL2 400X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-4DL2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/13/2024
 Supervised By :Mahesh Dadoda 08/13/2024

Quant Time: Aug 13 02:13:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_LFri Aug 2
 QLast Update : Tue Aug 13 02:09:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	924253	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2527826	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2336384	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.773	95	1756282	9.768	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.700%
Target Compounds						
					Qvalue	
9) Propene	2.703	41	17385	0.344	ppbv	94
13) Ethanol	3.266	45	8068m	1.786	ppbv	
15) Acetone	3.481	43	202400	1.927	ppbv	90
20) Methylene Chloride	3.938	84	8579	0.219	ppbv	# 92
34) 2-Butanone	4.800	43	231526	1.893	ppbv	97

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

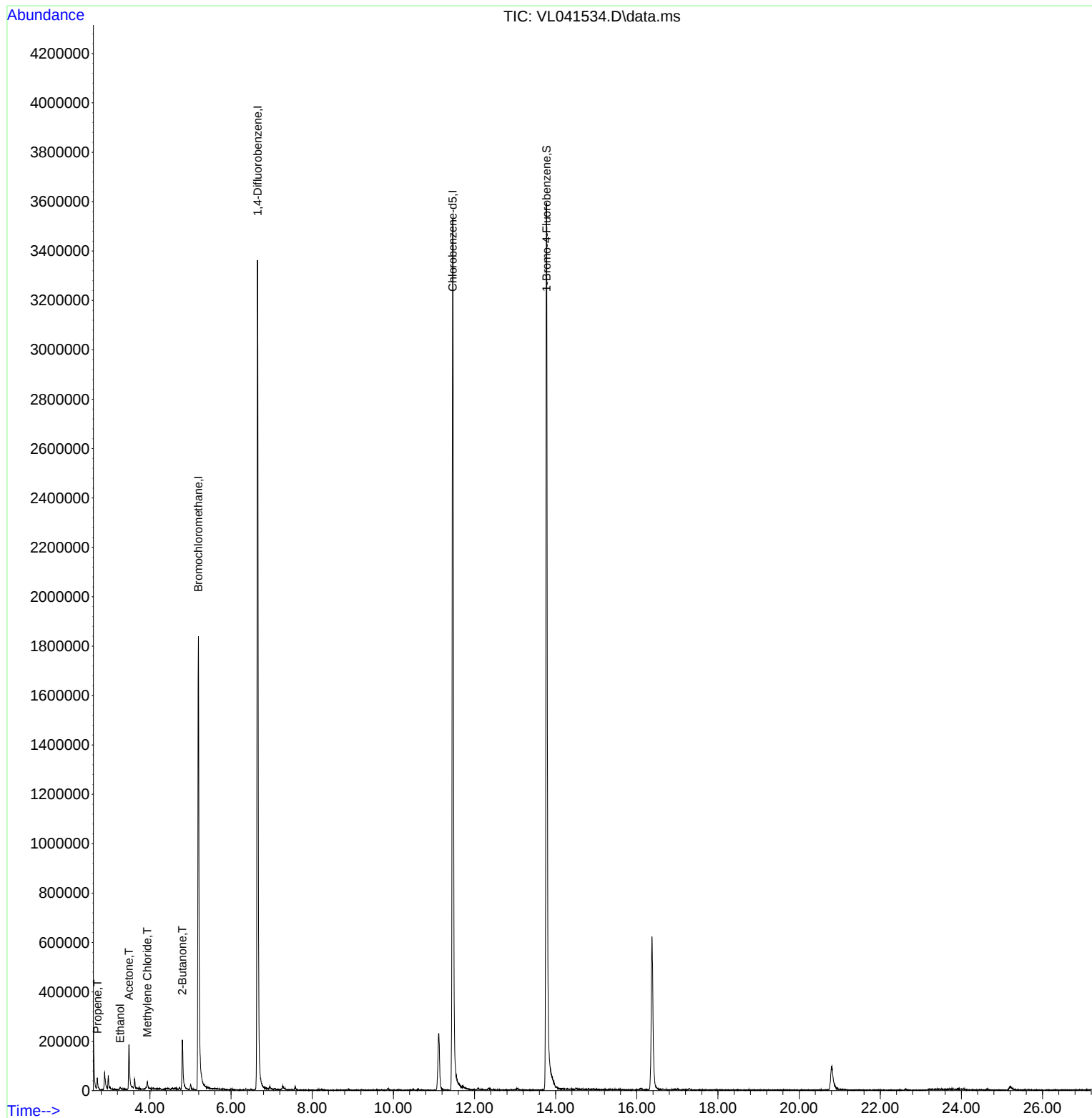
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081224\
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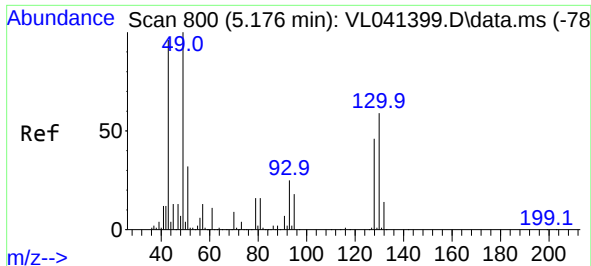
Instrument :
MSVOA_L
ClientSampleId :
SV-4DL2

Quant Time: Aug 13 02:13:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Tue Aug 13 02:09:20 2024
Response via : Initial Calibration

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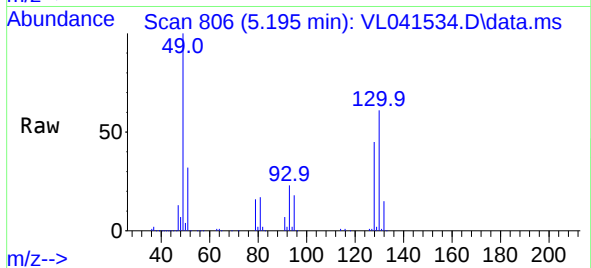
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL041534.D
Acq: 12 Aug 2024 13:25

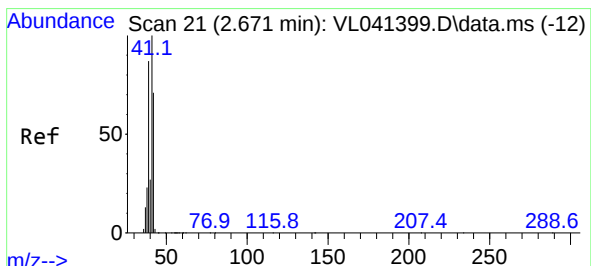
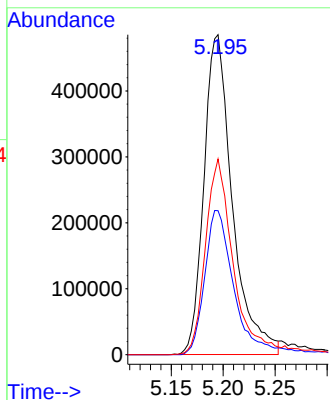
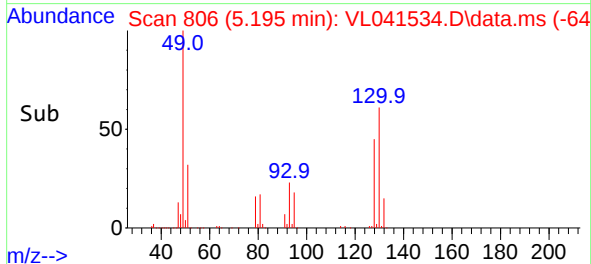
Instrument :
MSVOA_L
ClientSampleId :
SV-4DL2



Tgt Ion: 49 Resp: 92425
Ion Ratio Lower Upper
49 100
128 47.7 23.8 71.4
130 62.7 30.8 92.4

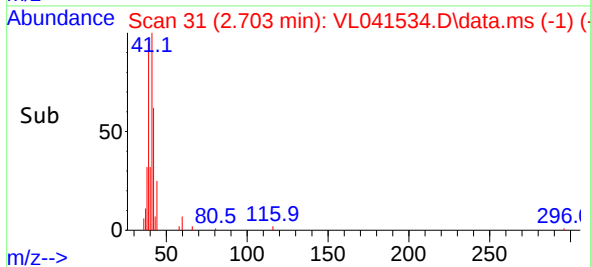
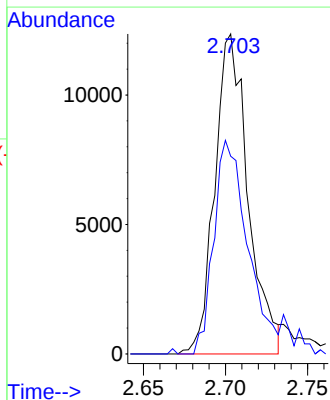
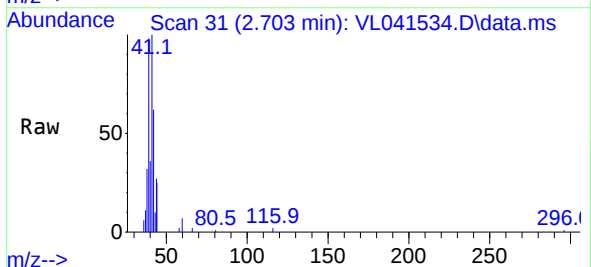
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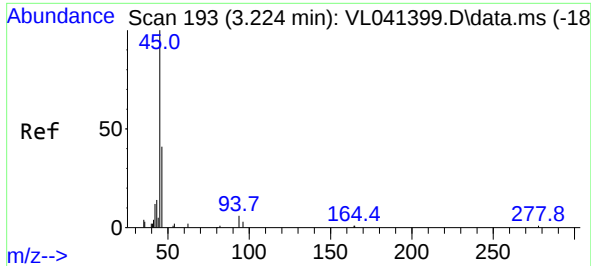
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#9
Propene
Concen: 0.344 ppbv
RT: 2.703 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL041534.D
Acq: 12 Aug 2024 13:25

Tgt Ion: 41 Resp: 17385
Ion Ratio Lower Upper
41 100
42 75.2 55.9 83.9





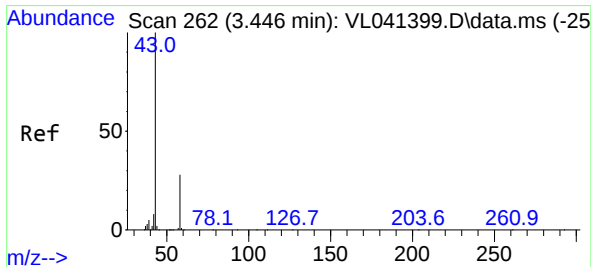
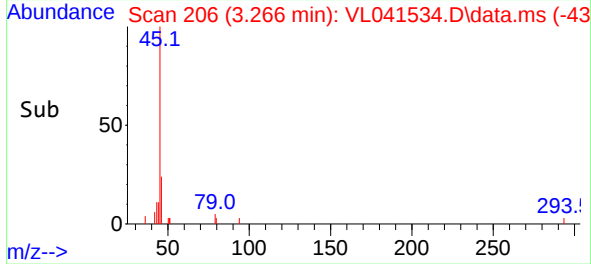
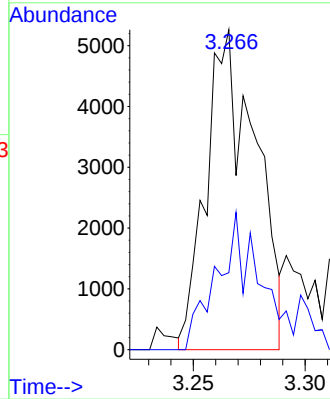
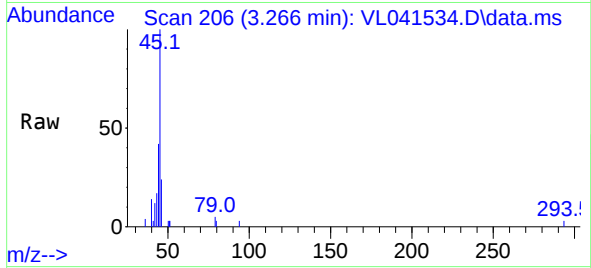
#13
Ethanol
Concen: 1.786 ppbv m
RT: 3.266 min Scan# 206
Delta R.T. 0.023 min
Lab File: VL041534.D
Acq: 12 Aug 2024 13:25

Instrument :
MSVOA_L
ClientSampleId :
SV-4DL2

Tgt Ion: 45 Resp: 806
Ion Ratio Lower Upper
45 100
46 0.0 13.4 53.4

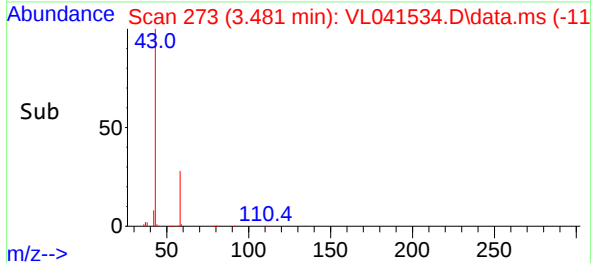
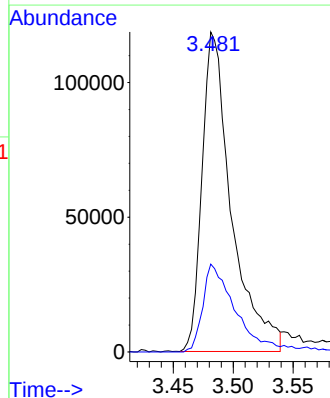
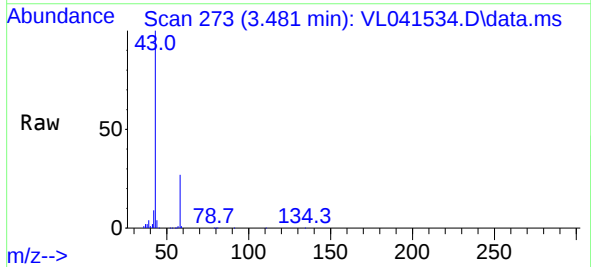
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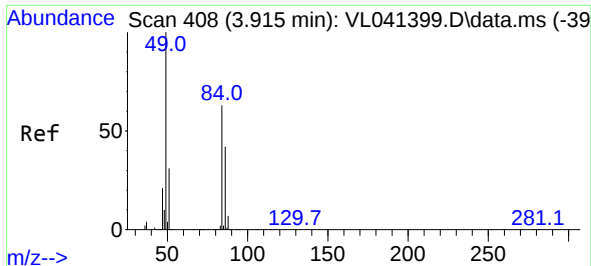
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#15
Acetone
Concen: 1.927 ppbv
RT: 3.481 min Scan# 273
Delta R.T. 0.013 min
Lab File: VL041534.D
Acq: 12 Aug 2024 13:25

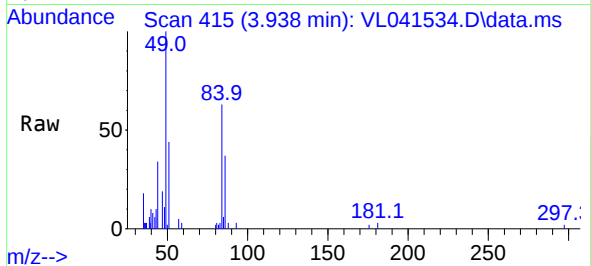
Tgt Ion: 43 Resp: 202400
Ion Ratio Lower Upper
43 100
58 32.1 21.4 32.2





#20
Methylene Chloride
Concen: 0.219 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.007 min
Lab File: VL041534.D
Acq: 12 Aug 2024 13:25

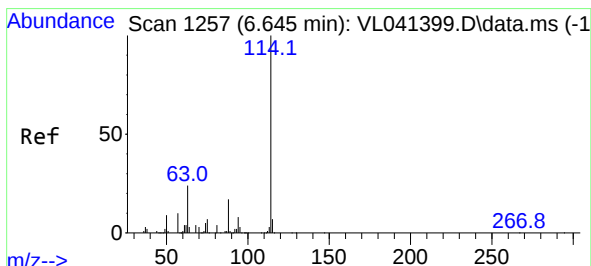
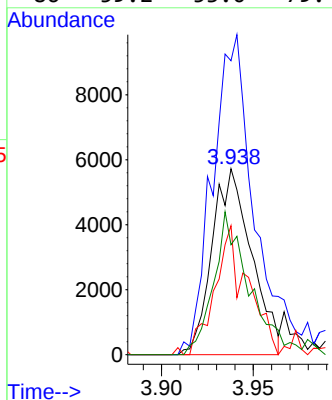
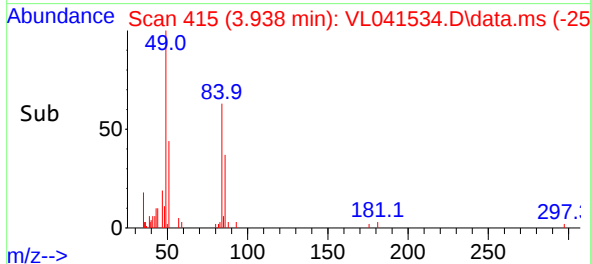
Instrument :
MSVOA_L
ClientSampleId :
SV-4DL2



Tgt Ion: 84 Resp: 8579
Ion Ratio Lower Upper
84 100
49 158.1 126.6 190.0
51 69.4 38.6 58.0
86 59.2 53.0 79.4

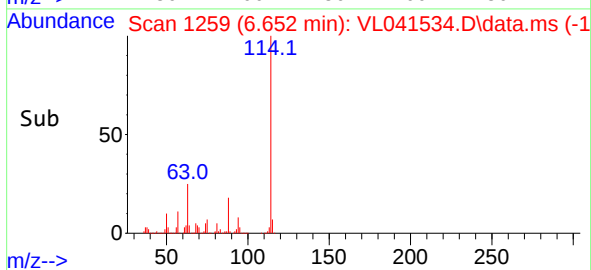
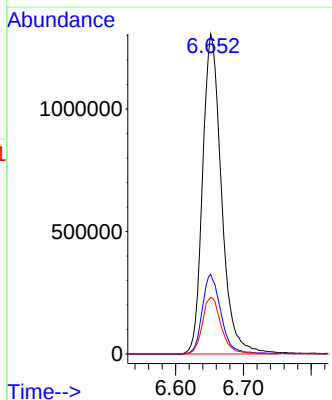
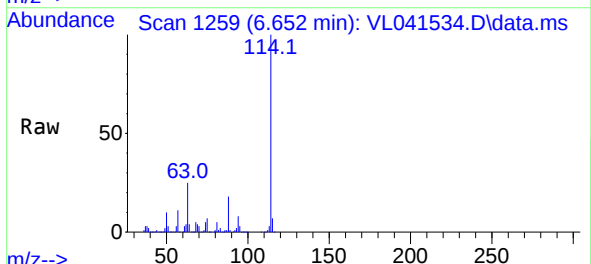
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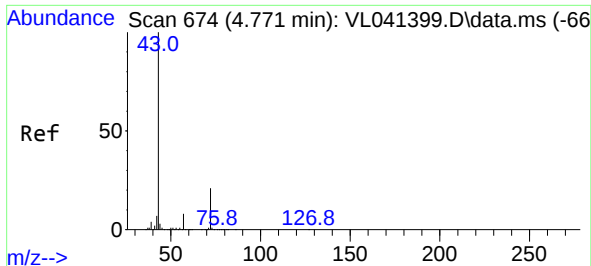
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Supervised By :Mahesh Dadoda 08/13/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VL041534.D
Acq: 12 Aug 2024 13:25

Tgt Ion:114 Resp: 2527826
Ion Ratio Lower Upper
114 100
63 24.8 20.3 30.5
88 17.8 14.3 21.5





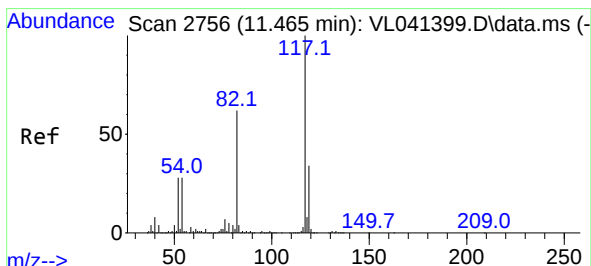
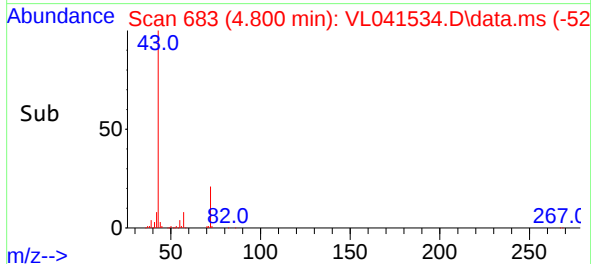
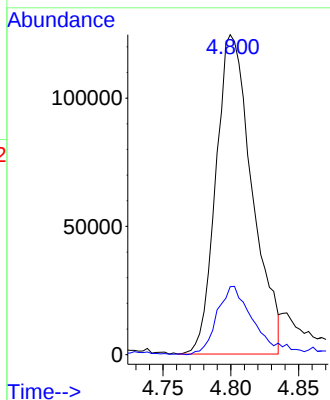
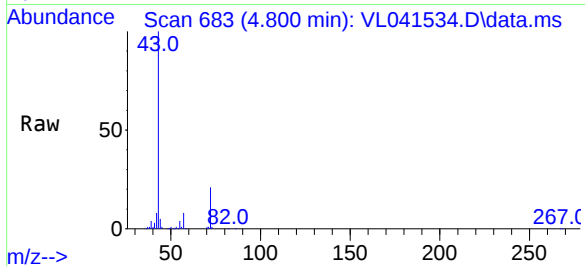
#34
2-Butanone
Concen: 1.893 ppbv
RT: 4.800 min Scan# 61
Delta R.T. 0.016 min
Lab File: VL041534.D
Acq: 12 Aug 2024 13:25

Instrument :
MSVOA_L
ClientSampleId :
SV-4DL2

Tgt Ion: 43 Resp: 231520
Ion Ratio Lower Upper
43 100
72 22.9 17.3 25.9

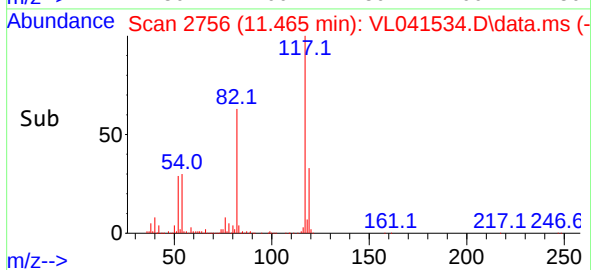
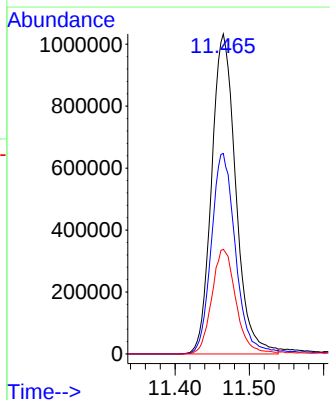
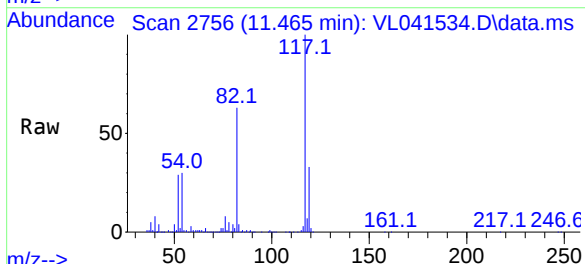
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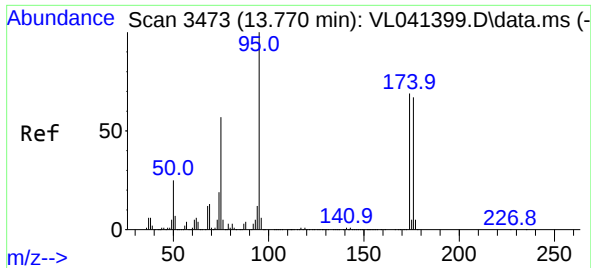
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. 0.000 min
Lab File: VL041534.D
Acq: 12 Aug 2024 13:25

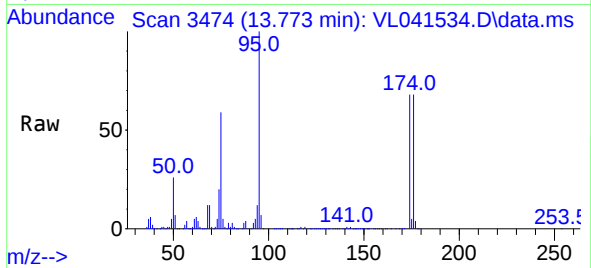
Tgt Ion:117 Resp: 2336384
Ion Ratio Lower Upper
117 100
82 63.9 51.0 76.6
119 33.3 45.2 67.8#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.768 ppbv
 RT: 13.773 min Scan# 3473
 Delta R.T. 0.000 min
 Lab File: VL041534.D
 Acq: 12 Aug 2024 13:25

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-4DL2



Tgt Ion: 95 Resp: 175628
 Ion Ratio Lower Upper
 95 100
 174 72.1 56.3 84.5
 175 5.2 4.0 6.0

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