

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081224\
 Data File : VL041532.D
 Acq On : 12 Aug 2024 12:03
 Operator : SY/MD
 Sample : P3496-07DL2 50X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-1DL2

Manual Integrations
 APPROVED

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

Quant Time: Aug 13 02:12:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 13 2024
 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	1006758	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2678035	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2484620	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.777	95	1890390	9.887	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.900%
Target Compounds						
2) Dichlorodifluoromethane	2.742	85	33762	0.195	ppbv	89
9) Propene	2.716	41	668725m	12.146	ppbv	
10) Heptane	7.581	43	35610	0.288	ppbv	100
13) Ethanol	3.256	45	119519	24.288	ppbv	90
15) Acetone	3.475	43	1084015	9.477	ppbv	98
20) Methylene Chloride	3.938	84	42619	0.999	ppbv	98
26) Hexane	5.214	57	42140	0.447	ppbv	# 2
30) Cyclohexane	6.603	84	11297m	0.147	ppbv	
34) 2-Butanone	4.790	43	1380496	10.656	ppbv	100

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

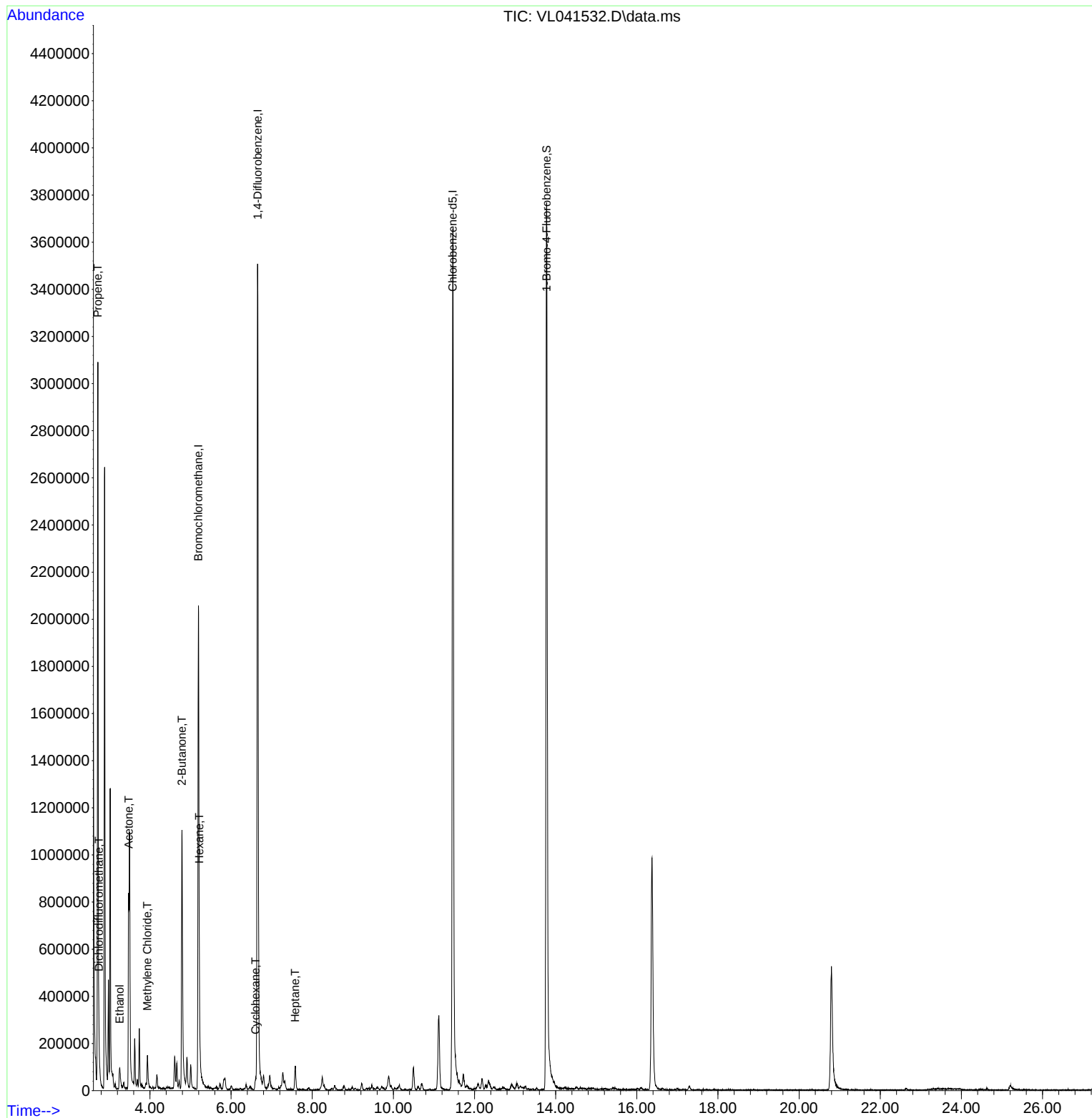
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL081224\
Data File : VL041532.D
Acq On : 12 Aug 2024 12:03
Operator : SY/MD
Sample : P3496-07DL2 50X
Misc : 400mL/MSVOA_L
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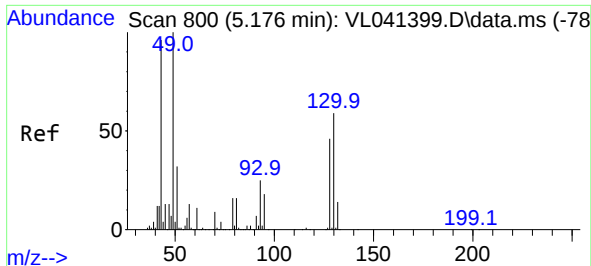
Instrument :
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ClientSampleId :
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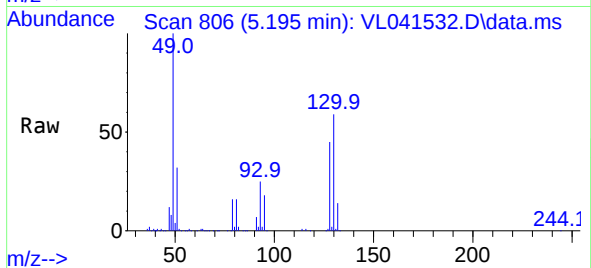
Quant Time: Aug 13 02:12:42 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Tue Aug 13 02:09:20 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL041532.D
Acq: 12 Aug 2024 12:03

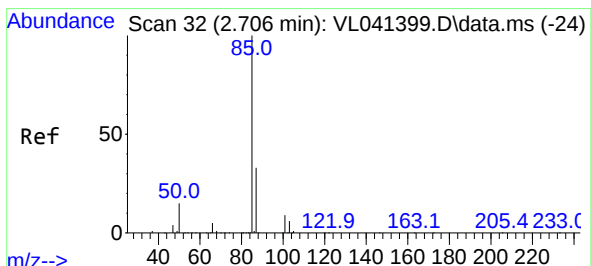
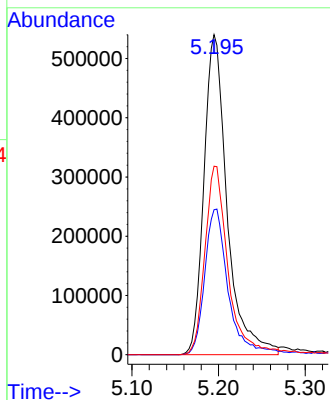
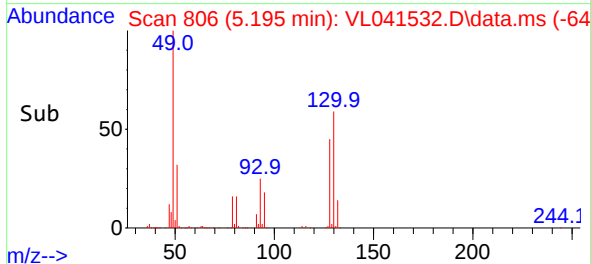
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL2



Tgt Ion: 49 Resp: 100675
Ion Ratio Lower Upper
49 100
128 47.2 23.8 71.4
130 60.9 30.8 92.4

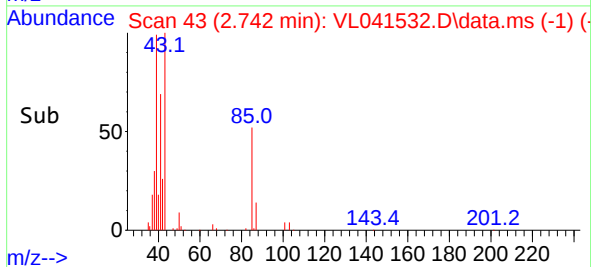
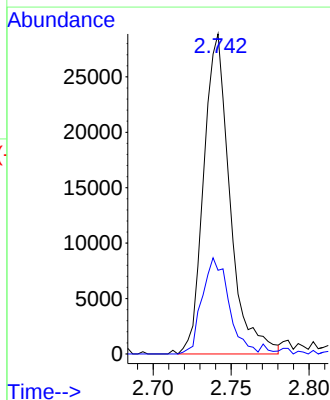
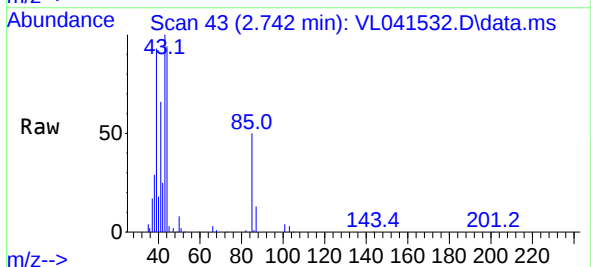
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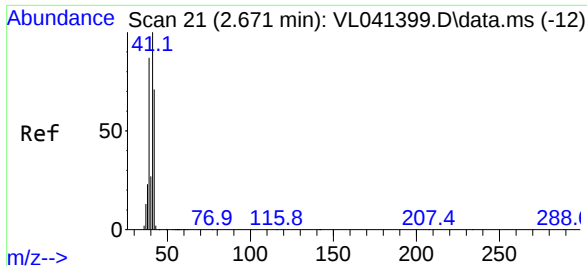
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#2
Dichlorodifluoromethane
Concen: 0.195 ppbv
RT: 2.742 min Scan# 43
Delta R.T. 0.013 min
Lab File: VL041532.D
Acq: 12 Aug 2024 12:03

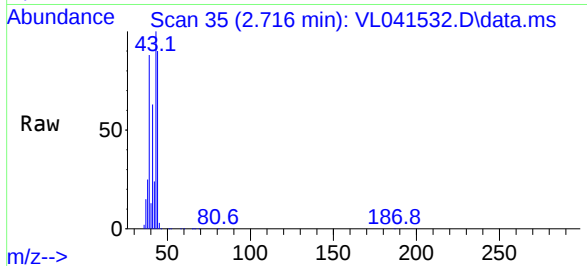
Tgt Ion: 85 Resp: 33762
Ion Ratio Lower Upper
85 100
87 26.2 26.0 39.0





#9
Propene
Concen: 12.146 ppbv m
RT: 2.716 min Scan# 30
Delta R.T. 0.022 min
Lab File: VL041532.D
Acq: 12 Aug 2024 12:03

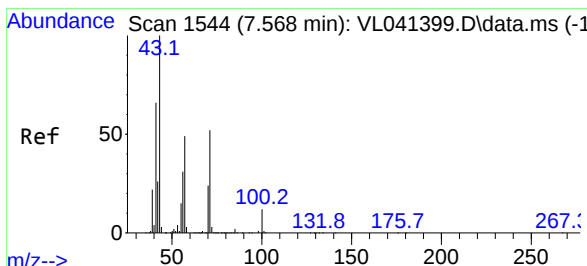
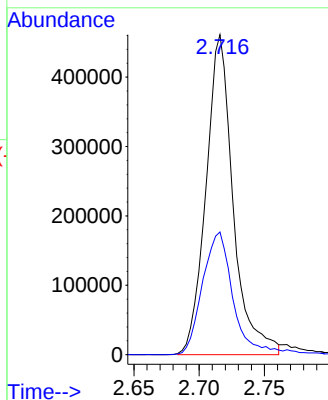
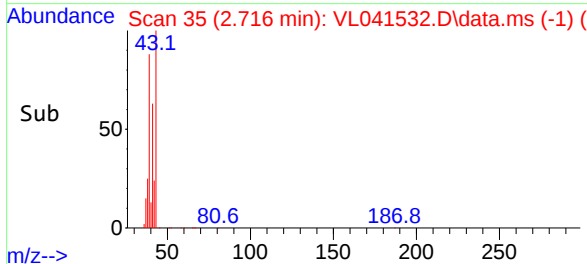
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL2



Tgt Ion: 41 Resp: 668725
Ion Ratio Lower Upper
41 100
42 71.5 55.9 83.9

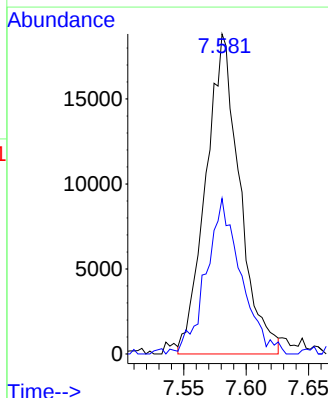
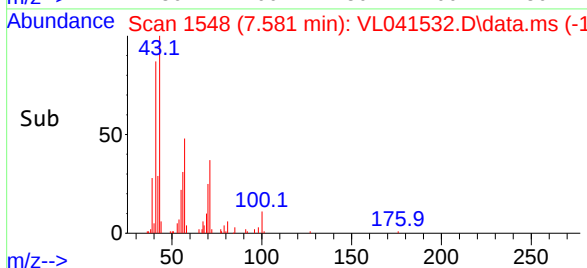
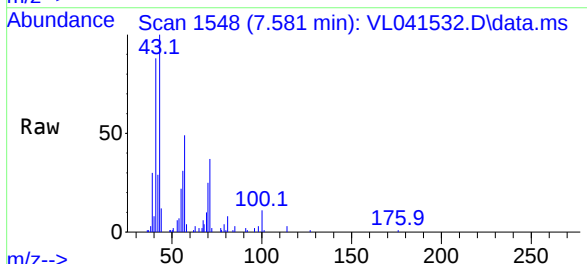
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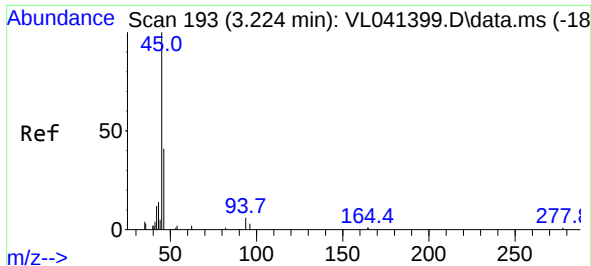
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#10
Heptane
Concen: 0.288 ppbv
RT: 7.581 min Scan# 1548
Delta R.T. 0.003 min
Lab File: VL041532.D
Acq: 12 Aug 2024 12:03

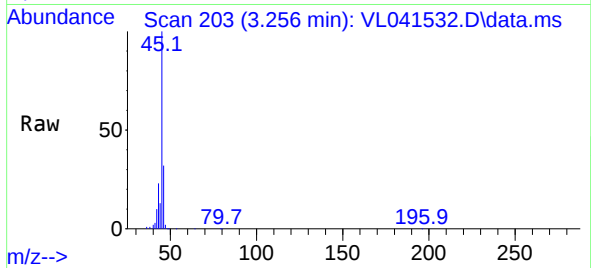
Tgt Ion: 43 Resp: 35610
Ion Ratio Lower Upper
43 100
57 50.4 40.5 60.7





#13
Ethanol
Concen: 24.288 ppbv
RT: 3.256 min Scan# 203
Delta R.T. 0.013 min
Lab File: VL041532.D
Acq: 12 Aug 2024 12:03

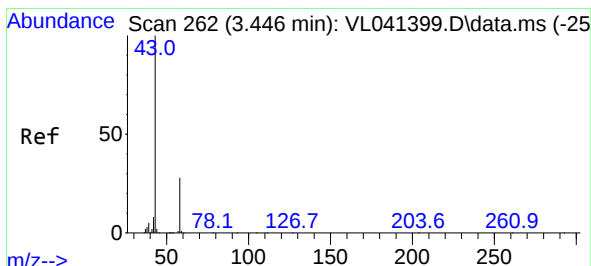
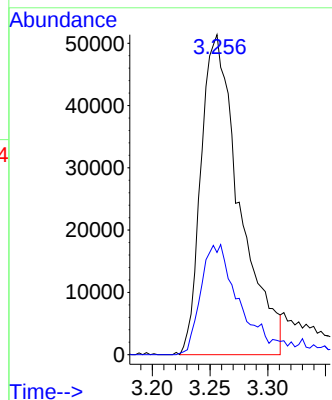
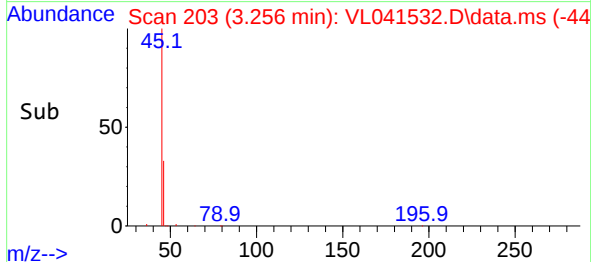
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL2



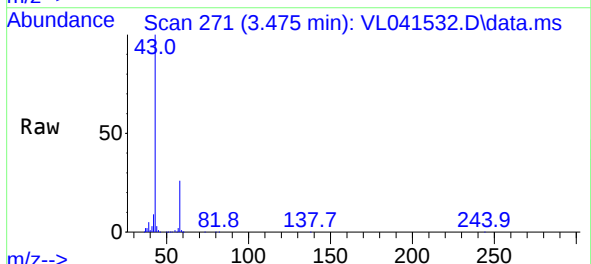
Tgt Ion: 45 Resp: 119519
Ion Ratio Lower Upper
45 100
46 39.2 13.4 53.4

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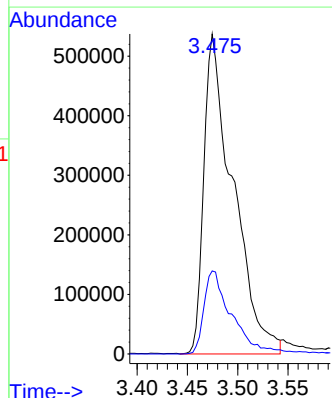
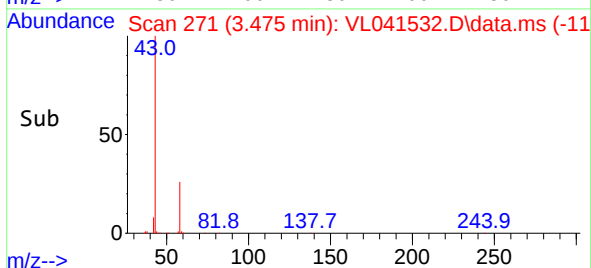
Reviewed By :Semsettin Yesilyurt 08/13/2024
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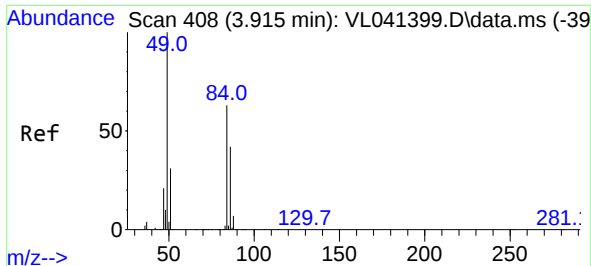


#15
Acetone
Concen: 9.477 ppbv
RT: 3.475 min Scan# 271
Delta R.T. 0.006 min
Lab File: VL041532.D
Acq: 12 Aug 2024 12:03



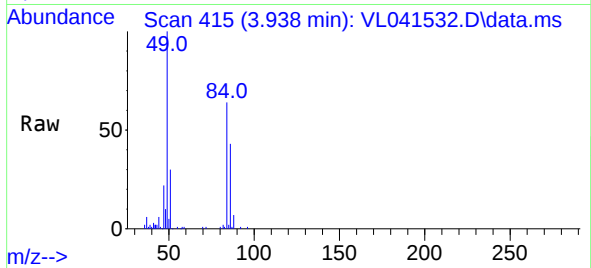
Tgt Ion: 43 Resp: 1084015
Ion Ratio Lower Upper
43 100
58 25.8 21.4 32.2





#20
Methylene Chloride
Concen: 0.999 ppbv
RT: 3.938 min Scan# 415
Delta R.T. 0.006 min
Lab File: VL041532.D
Acq: 12 Aug 2024 12:03

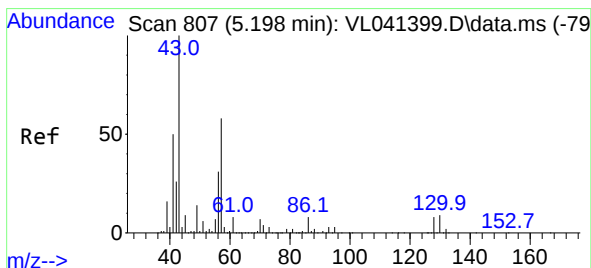
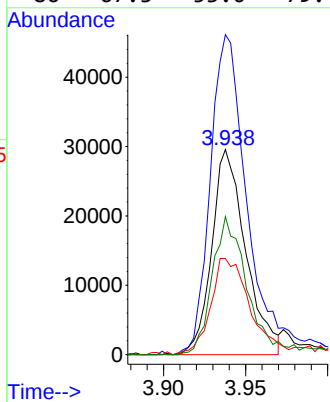
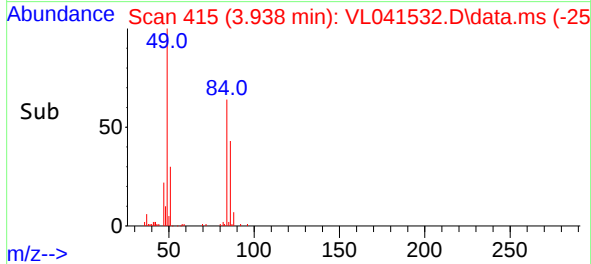
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL2



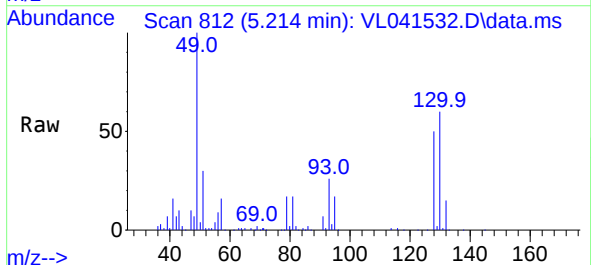
Tgt Ion: 84 Resp: 42619
Ion Ratio Lower Upper
84 100
49 155.4 126.6 190.0
51 46.1 38.6 58.0
86 67.3 53.0 79.4

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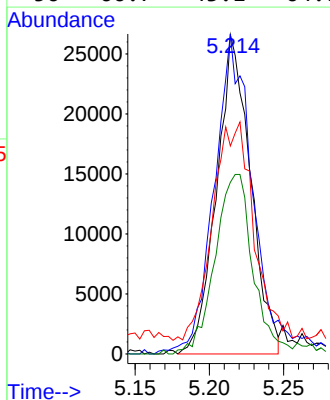
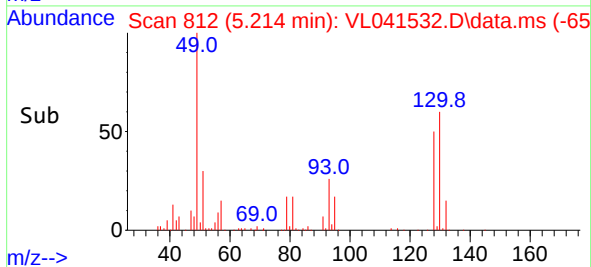
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024

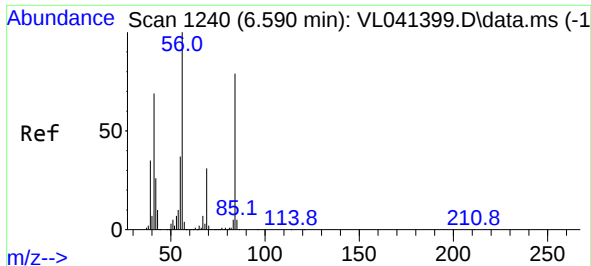


#26
Hexane
Concen: 0.447 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.003 min
Lab File: VL041532.D
Acq: 12 Aug 2024 12:03



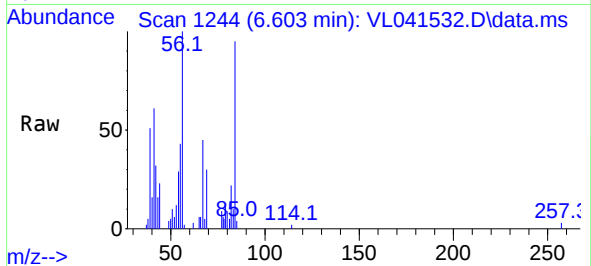
Tgt Ion: 57 Resp: 42140
Ion Ratio Lower Upper
57 100
41 120.3 74.0 111.0#
43 0.0 193.6 290.4#
56 66.7 43.1 64.7#





#30
Cyclohexane
Concen: 0.147 ppbv m
RT: 6.603 min Scan# 1129
Delta R.T. 0.003 min
Lab File: VL041532.D
Acq: 12 Aug 2024 12:03

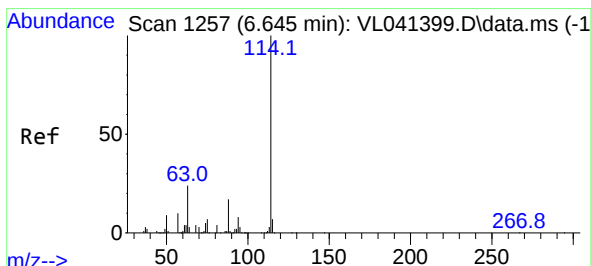
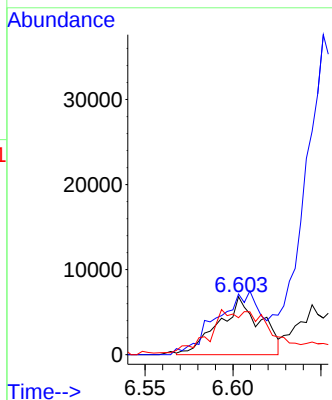
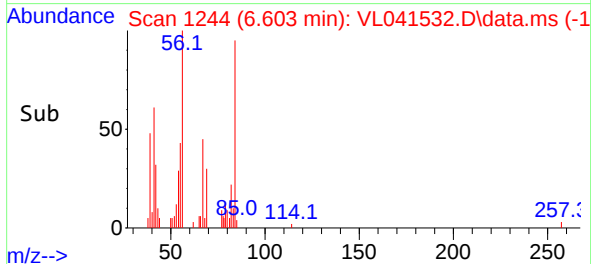
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL2



Tgt Ion: 84 Resp: 1129
Ion Ratio Lower Upper
84 100
56 0.0 111.2 166.8
41 0.0 70.3 105.5

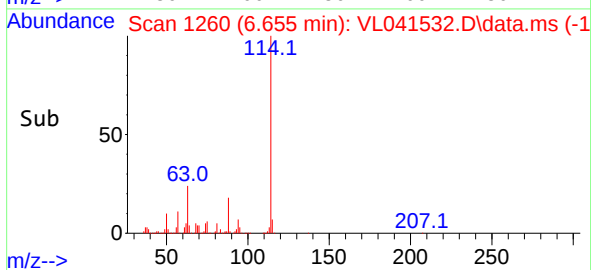
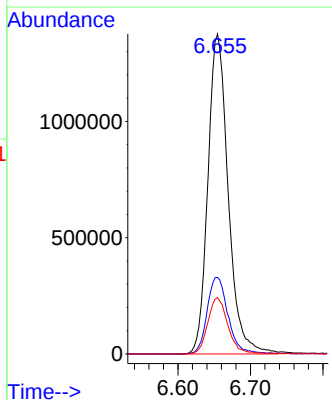
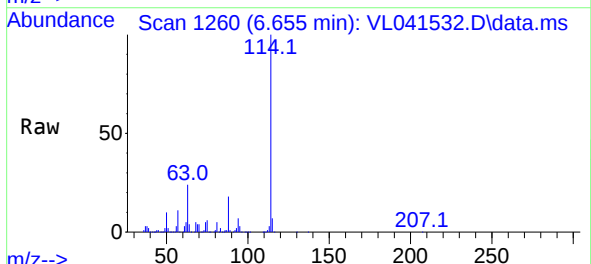
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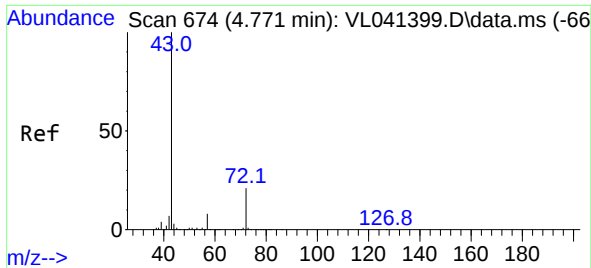
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. 0.003 min
Lab File: VL041532.D
Acq: 12 Aug 2024 12:03

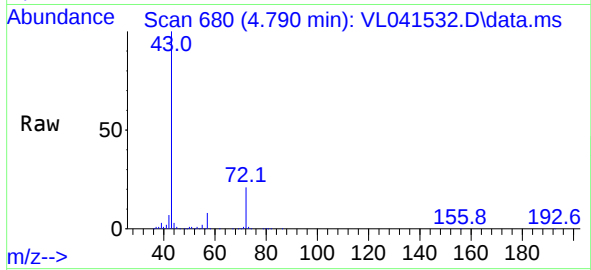
Tgt Ion:114 Resp: 2678035
Ion Ratio Lower Upper
114 100
63 24.8 20.3 30.5
88 17.7 14.3 21.5





#34
2-Butanone
Concen: 10.656 ppbv
RT: 4.790 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL041532.D
Acq: 12 Aug 2024 12:03

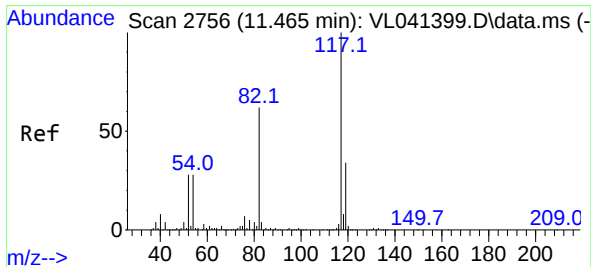
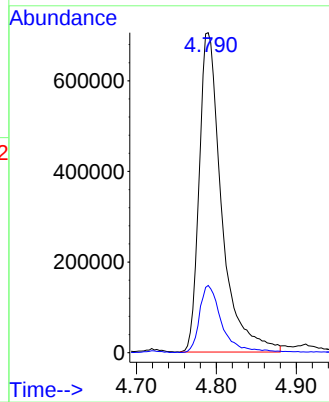
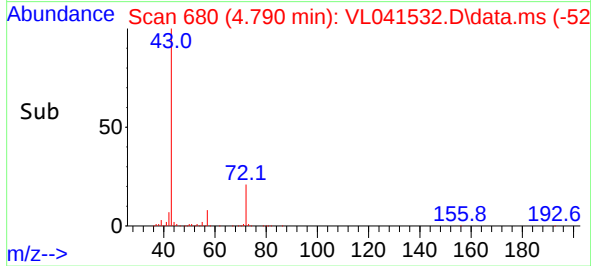
Instrument :
MSVOA_L
ClientSampleId :
SV-1DL2



Tgt Ion: 43 Resp: 1380490
Ion Ratio Lower Upper
43 100
72 21.4 17.3 25.9

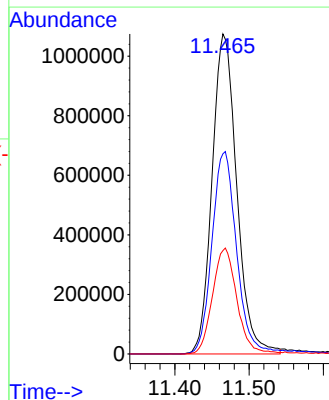
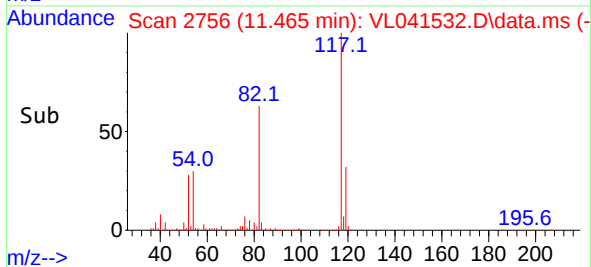
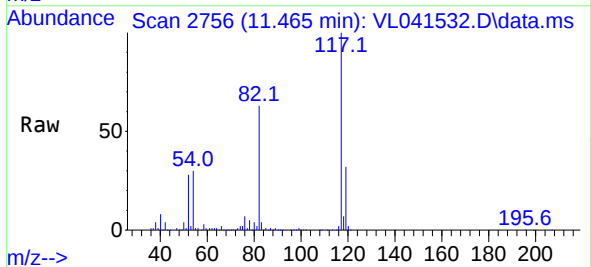
Manual Integrations
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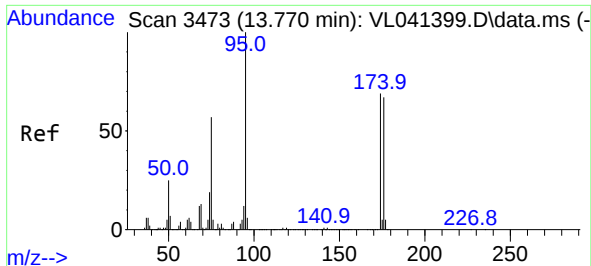
Reviewed By :Semsettin Yesilyurt 08/13/2024
Supervised By :Mahesh Dadoda 08/13/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. -0.000 min
Lab File: VL041532.D
Acq: 12 Aug 2024 12:03

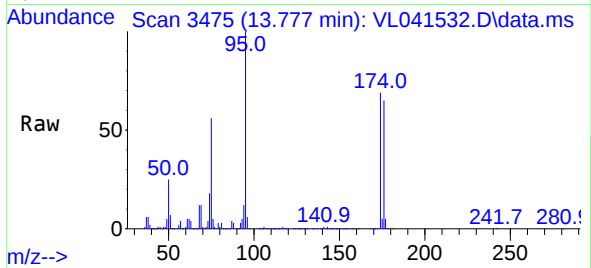
Tgt Ion:117 Resp: 2484620
Ion Ratio Lower Upper
117 100
82 65.0 51.0 76.6
119 33.1 45.2 67.8#





#68
1-Bromo-4-Fluorobenzene
Concen: 9.887 ppbv
RT: 13.777 min Scan# 34
Delta R.T. 0.003 min
Lab File: VL041532.D
Acq: 12 Aug 2024 12:03

Instrument :
MSVOA_L
ClientSampleId :
SV-1DL2



Tgt Ion: 95 Resp: 1890390
Ion Ratio Lower Upper
95 100
174 71.1 56.3 84.5
175 5.2 4.0 6.0

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