

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL101024\
 Data File : VL041640.D
 Acq On : 10 Oct 2024 13:28
 Operator : SY/MD
 Sample : P4339-02DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024
 Supervised By :Mahesh Dadoda 10/14/2024

Quant Time: Oct 11 05:40:03 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Tue Sep 17 09:12:21 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.176	49	1178697	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.642	114	3216752	10.000	ppbv	0.01
55) Chlorobenzene-d5	11.455	117	2844115	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	2107341	10.065	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.700%	
Target Compounds						
						Qvalue
9) Propene	2.671	41	16883	0.280	ppbv	99
13) Ethanol	3.250	45	9041m	1.994	ppbv	
15) Acetone	3.462	43	190606	1.288	ppbv	93
20) Methylene Chloride	3.915	84	21677	0.390	ppbv	93
26) Hexane	5.198	57	29654	0.268	ppbv #	36
27) Carbon Disulfide	4.112	76	25320	0.215	ppbv #	85
34) 2-Butanone	4.784	43	302882	1.975	ppbv	97
35) Carbon Tetrachloride	6.484	117	25492	0.162	ppbv	88
36) Benzene	6.359	78	10068	0.045	ppbv #	85
52) Tetrachloroethene	10.606	164	15921m	0.197	ppbv	
53) Toluene	9.214	91	46980	0.198	ppbv	100

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

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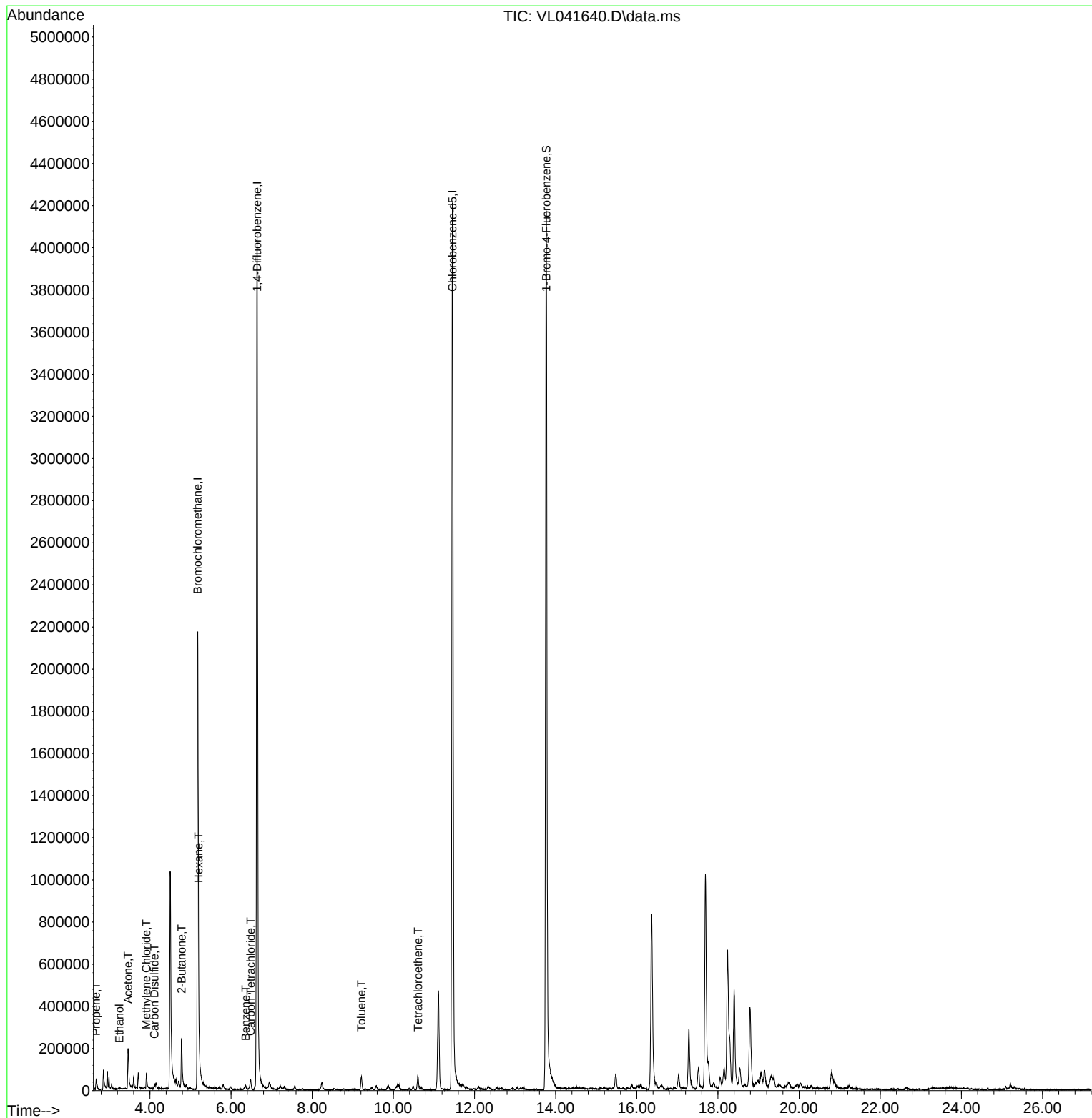
Quant Time: Oct 11 05:40:03 2024

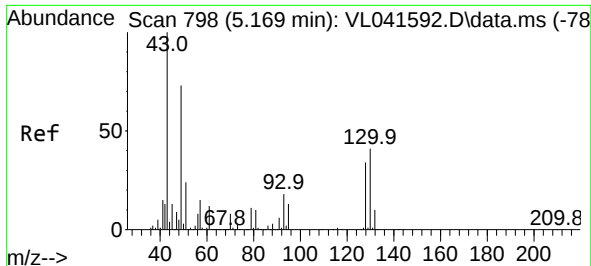
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091624AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug

QLast Update : Tue Sep 17 09:12:21 2024

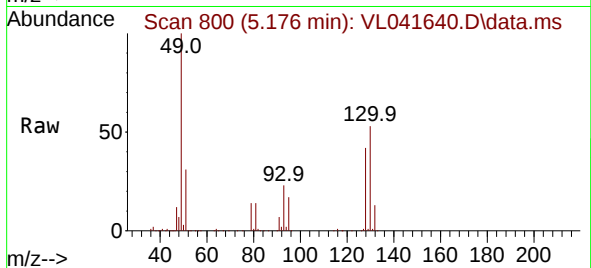
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.176 min Scan# 80
Delta R.T. 0.007 min
Lab File: VL041640.D
Acq: 10 Oct 2024 13:28

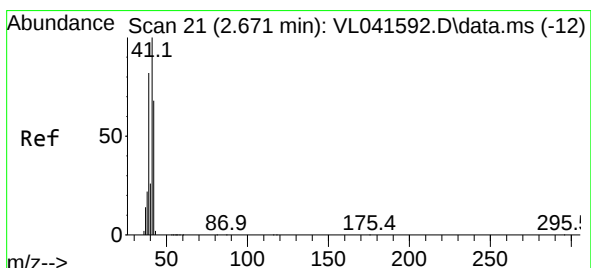
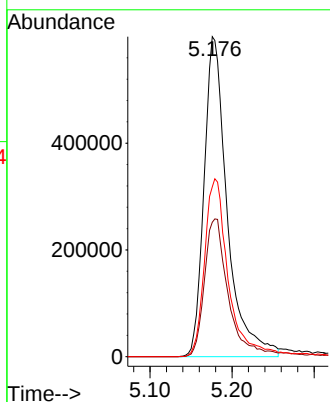
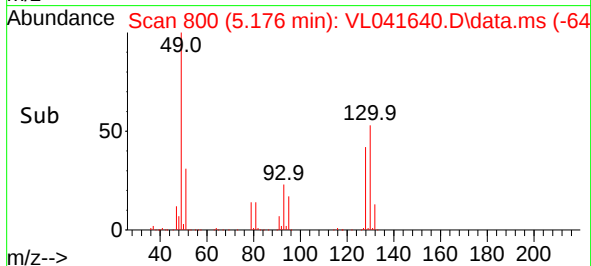
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion: 49 Resp: 117869
Ion Ratio Lower Upper
49 100
128 46.2 23.8 71.5
130 59.2 30.4 91.3

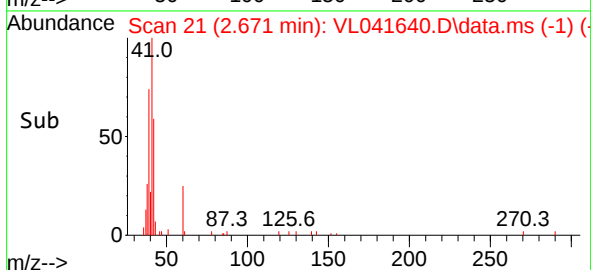
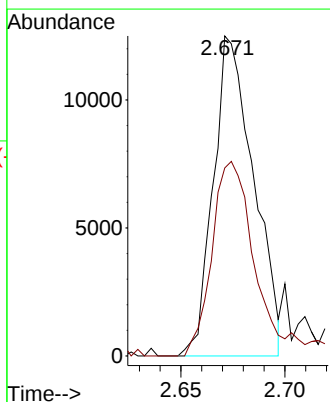
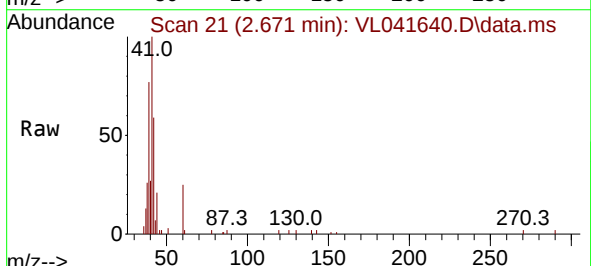
Manual Integrations
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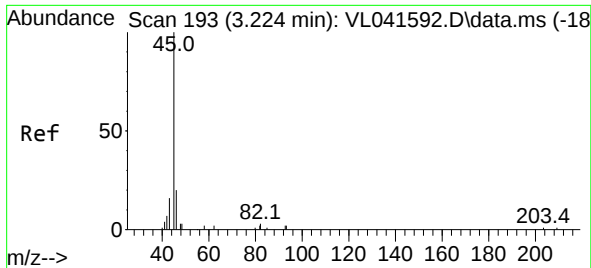
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#9
Propene
Concen: 0.280 ppbv
RT: 2.671 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL041640.D
Acq: 10 Oct 2024 13:28

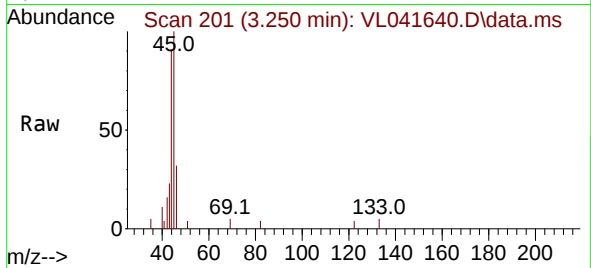
Tgt Ion: 41 Resp: 16883
Ion Ratio Lower Upper
41 100
42 68.5 55.2 82.8





#13
Ethanol
Concen: 1.994 ppbv m
RT: 3.250 min Scan# 201
Delta R.T. 0.026 min
Lab File: VL041640.D
Acq: 10 Oct 2024 13:28

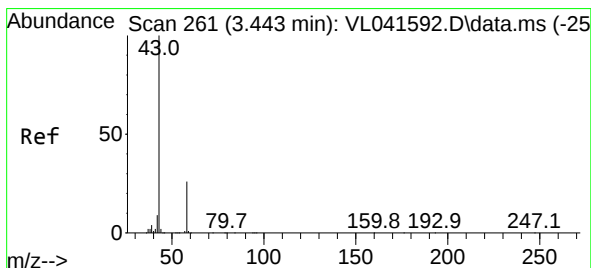
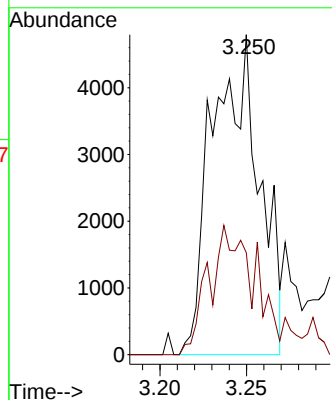
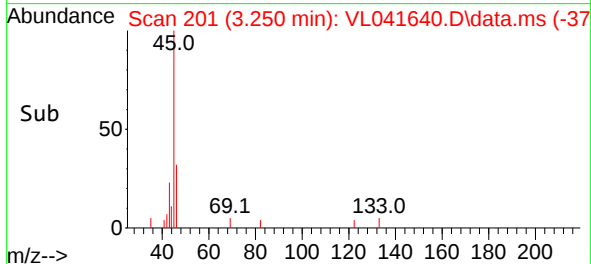
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion: 45 Resp: 904
Ion Ratio Lower Upper
45 100
46 0.0 15.2 60.8

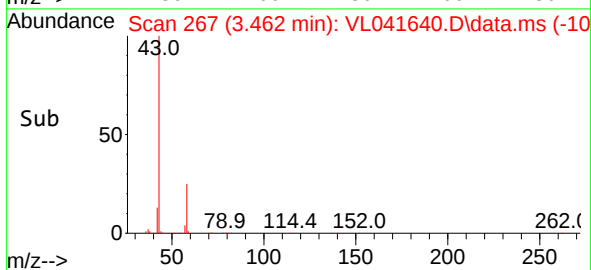
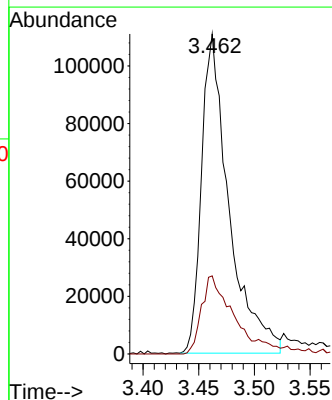
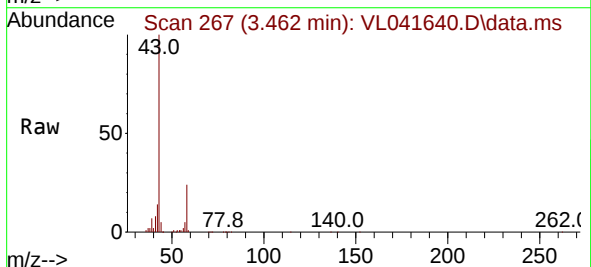
Manual Integrations
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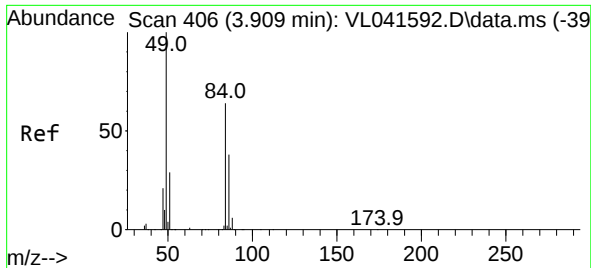
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#15
Acetone
Concen: 1.288 ppbv
RT: 3.462 min Scan# 267
Delta R.T. 0.019 min
Lab File: VL041640.D
Acq: 10 Oct 2024 13:28

Tgt Ion: 43 Resp: 190606
Ion Ratio Lower Upper
43 100
58 30.6 21.5 32.3





#20
Methylene Chloride
Concen: 0.390 ppbv
RT: 3.915 min Scan# 406
Delta R.T. 0.007 min
Lab File: VL041640.D
Acq: 10 Oct 2024 13:28

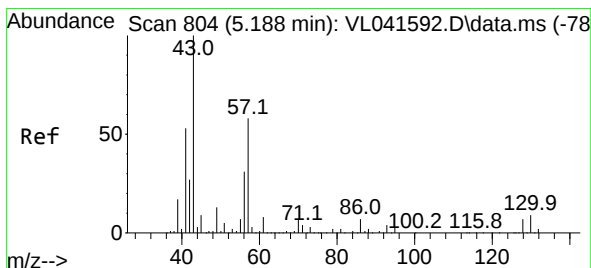
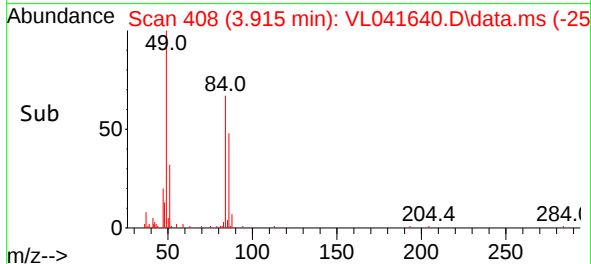
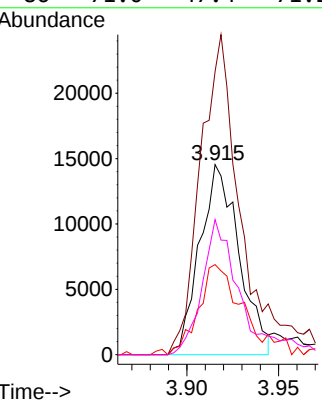
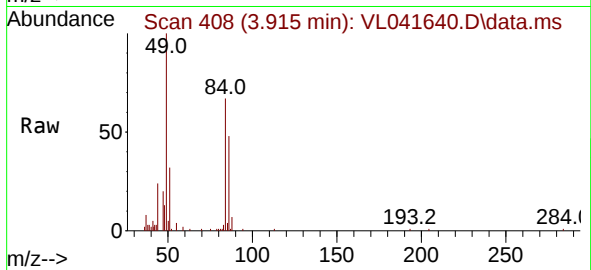
Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion: 84 Resp: 2167

Ion	Ratio	Lower	Upper
84	100		
49	148.9	124.3	186.5
51	47.4	36.3	54.5
86	71.0	47.4	71.2

Manual Integrations
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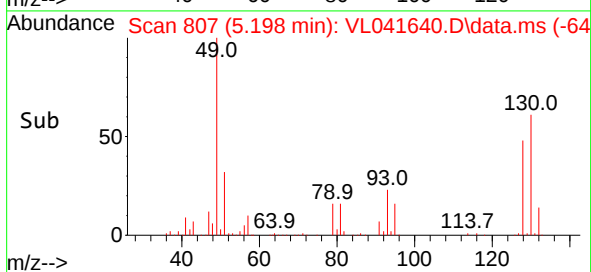
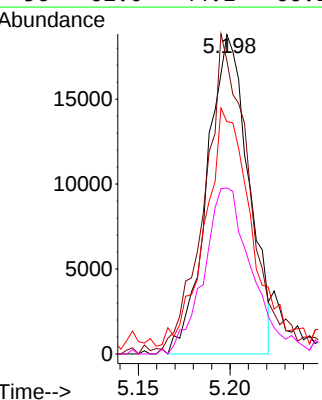
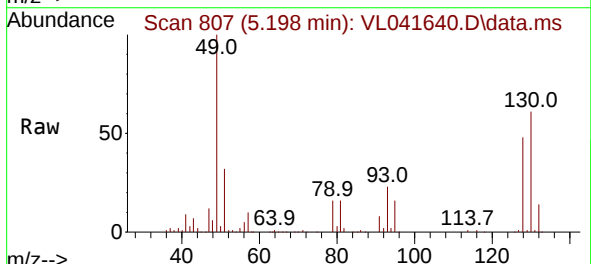
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024

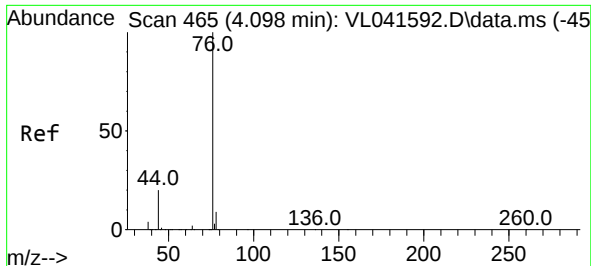


#26
Hexane
Concen: 0.268 ppbv
RT: 5.198 min Scan# 807
Delta R.T. 0.010 min
Lab File: VL041640.D
Acq: 10 Oct 2024 13:28

Tgt Ion: 57 Resp: 29654

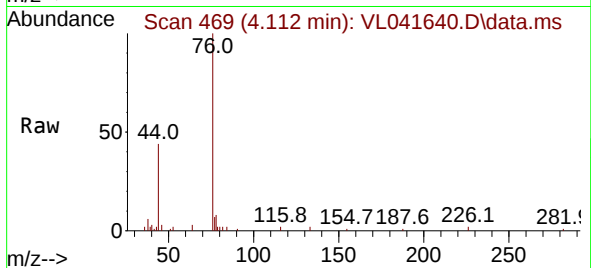
Ion	Ratio	Lower	Upper
57	100		
41	114.2	75.7	113.5#
43	86.0	198.5	297.7#
56	62.0	44.1	66.1





#27
Carbon Disulfide
Concen: 0.215 ppbv
RT: 4.112 min Scan# 469
Delta R.T. 0.013 min
Lab File: VL041640.D
Acq: 10 Oct 2024 13:28

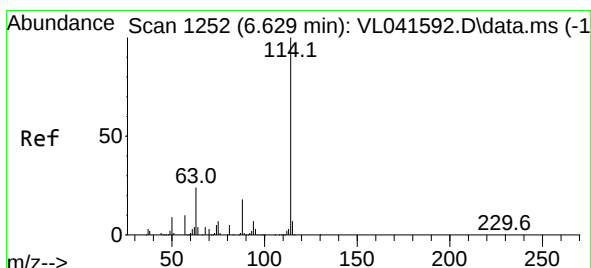
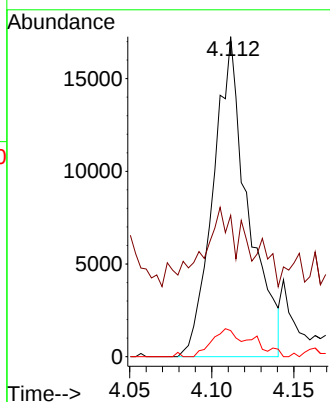
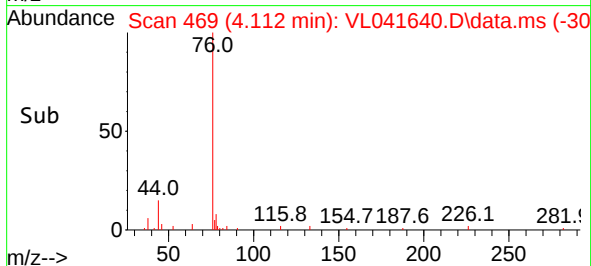
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion: 76 Resp: 25320
Ion Ratio Lower Upper
76 100
44 29.8 15.8 23.8
78 10.1 7.5 11.3

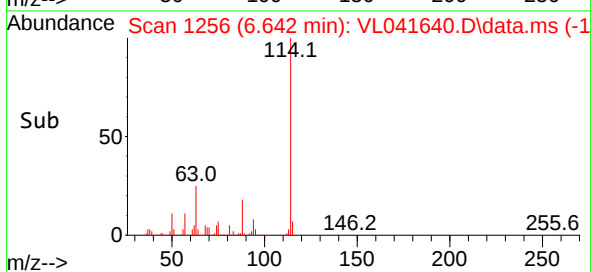
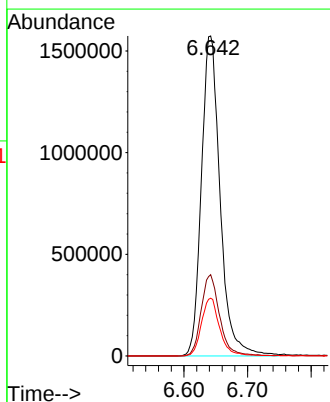
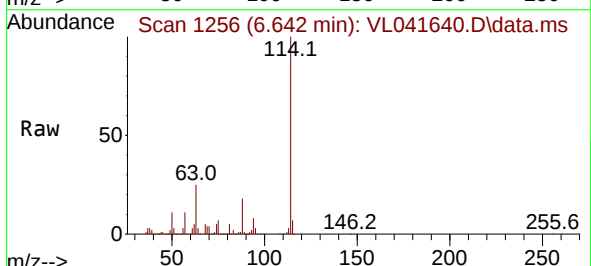
Manual Integrations
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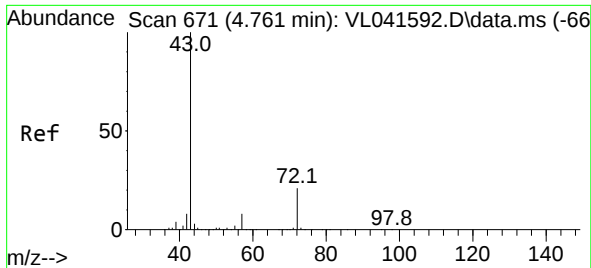
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.642 min Scan# 1256
Delta R.T. 0.013 min
Lab File: VL041640.D
Acq: 10 Oct 2024 13:28

Tgt Ion:114 Resp: 3216752
Ion Ratio Lower Upper
114 100
63 25.3 20.2 30.2
88 17.8 14.2 21.4





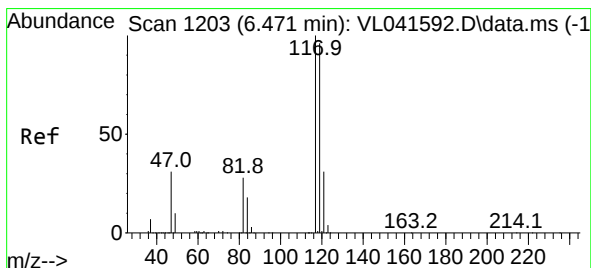
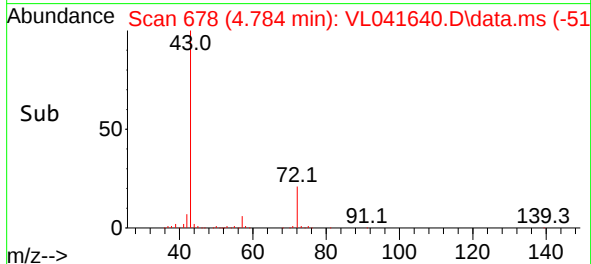
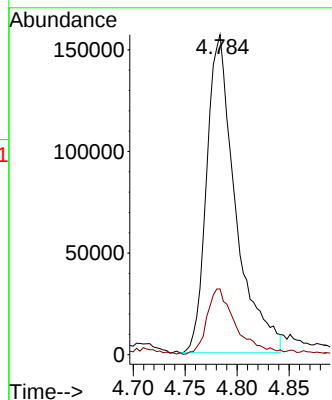
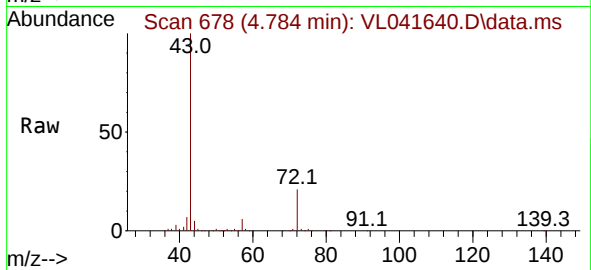
#34
2-Butanone
Concen: 1.975 ppbv
RT: 4.784 min Scan# 61
Delta R.T. 0.023 min
Lab File: VL041640.D
Acq: 10 Oct 2024 13:28

Instrument :
MSVOA_L
ClientSampleId :
SV2DL

Tgt Ion: 43 Resp: 30288
Ion Ratio Lower Upper
43 100
72 22.5 16.8 25.2

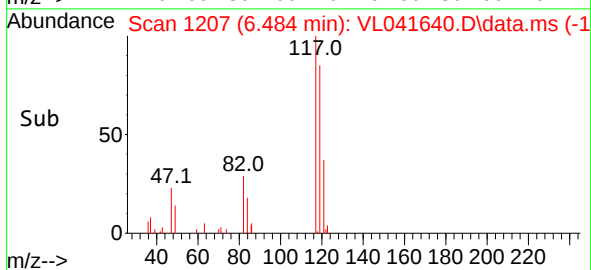
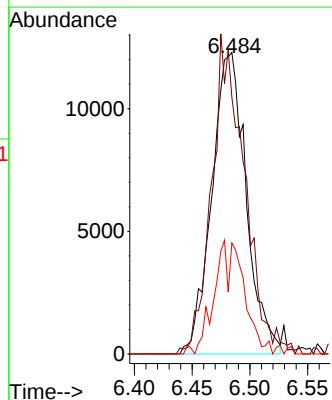
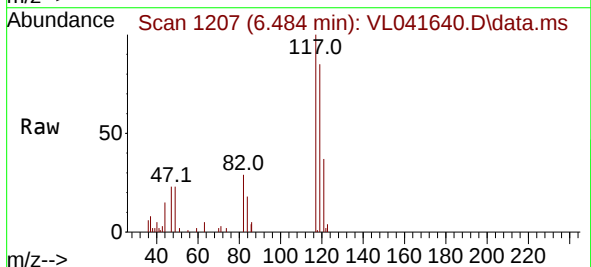
Manual Integrations
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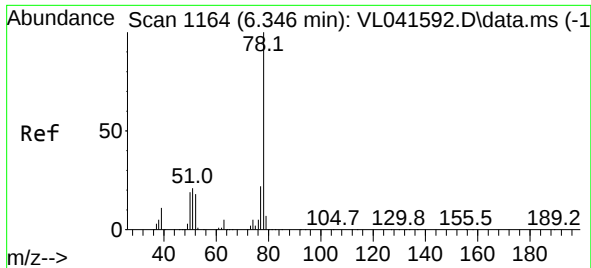
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#35
Carbon Tetrachloride
Concen: 0.162 ppbv
RT: 6.484 min Scan# 1207
Delta R.T. 0.013 min
Lab File: VL041640.D
Acq: 10 Oct 2024 13:28

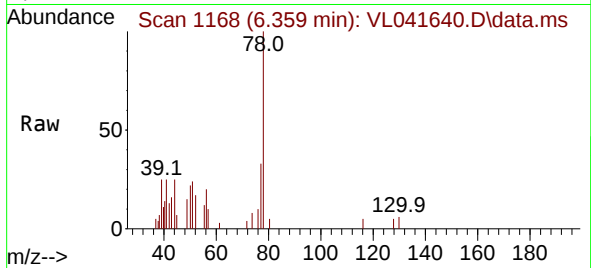
Tgt Ion:117 Resp: 25492
Ion Ratio Lower Upper
117 100
119 83.2 76.8 115.2
121 36.8 25.0 37.6





#36
Benzene
Concen: 0.045 ppbv
RT: 6.359 min Scan# 1168
Delta R.T. 0.013 min
Lab File: VL041640.D
Acq: 10 Oct 2024 13:28

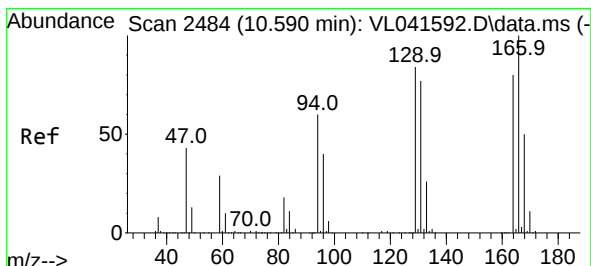
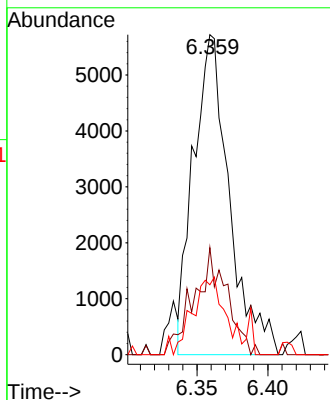
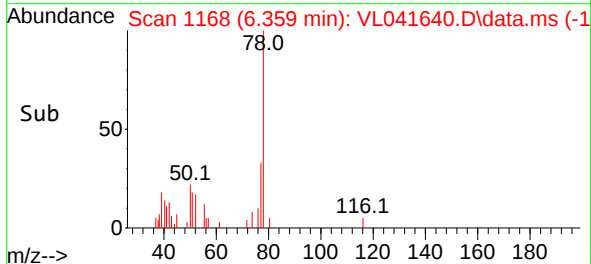
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion: 78 Resp: 10068
Ion Ratio Lower Upper
78 100
77 33.5 17.8 26.6
50 21.9 15.4 23.0

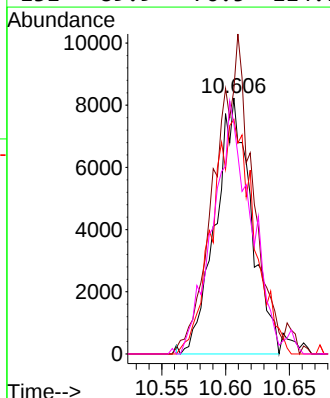
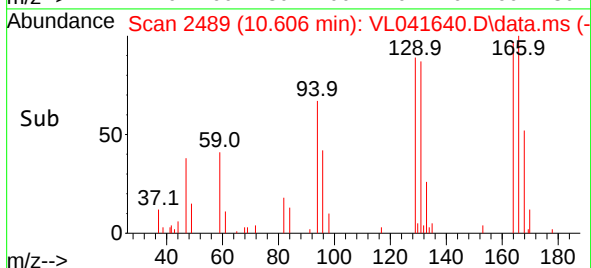
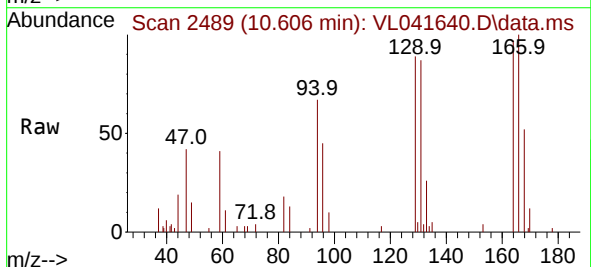
Manual Integrations
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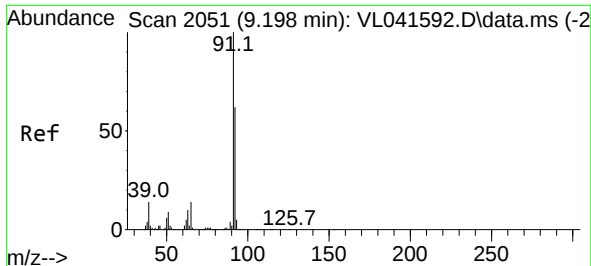
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#52
Tetrachloroethene
Concen: 0.197 ppbv m
RT: 10.606 min Scan# 2489
Delta R.T. 0.016 min
Lab File: VL041640.D
Acq: 10 Oct 2024 13:28

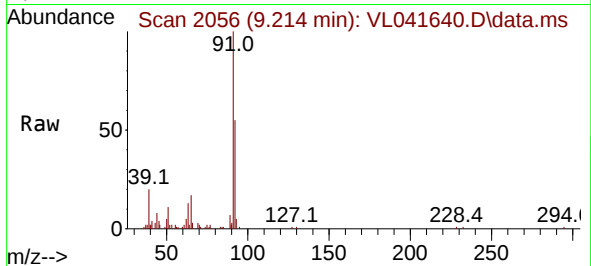
Tgt Ion:164 Resp: 15921
Ion Ratio Lower Upper
164 100
166 103.3 99.4 149.2
129 91.6 83.5 125.3
131 89.9 76.5 114.7





#53
Toluene
Concen: 0.198 ppbv
RT: 9.214 min Scan# 2051
Delta R.T. 0.016 min
Lab File: VL041640.D
Acq: 10 Oct 2024 13:28

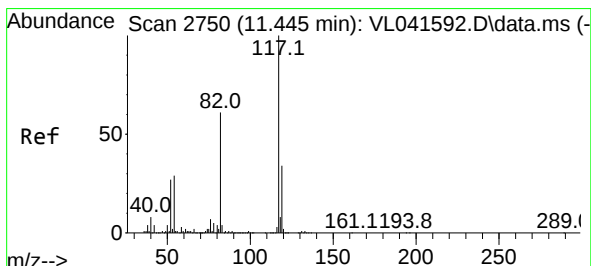
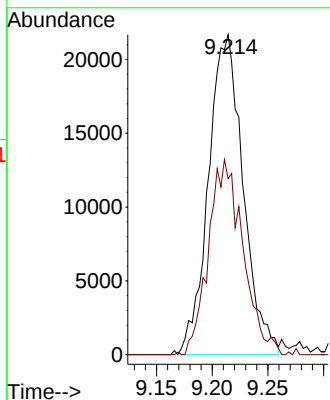
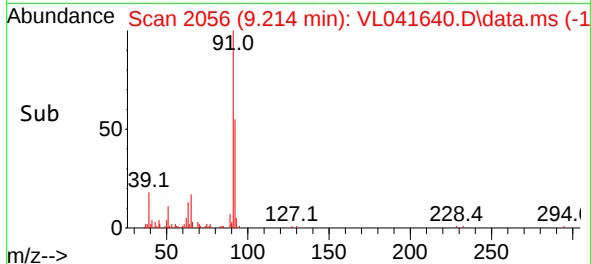
Instrument :
MSVOA_L
ClientSampleId :
SV2DL



Tgt Ion: 91 Resp: 46980
Ion Ratio Lower Upper
91 100
92 60.8 48.9 73.3

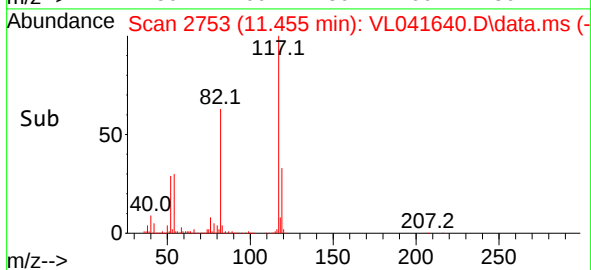
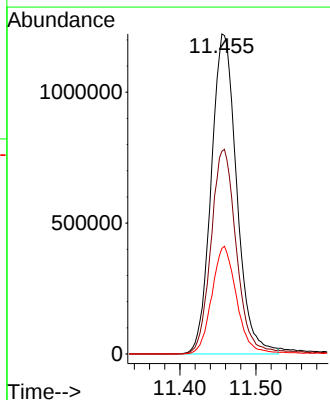
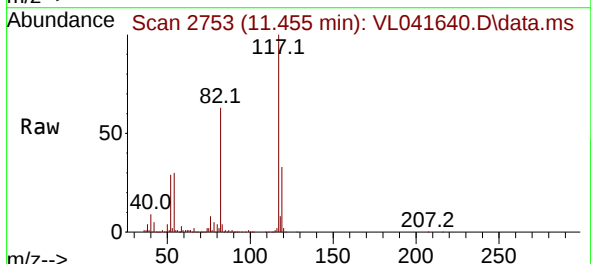
Manual Integrations
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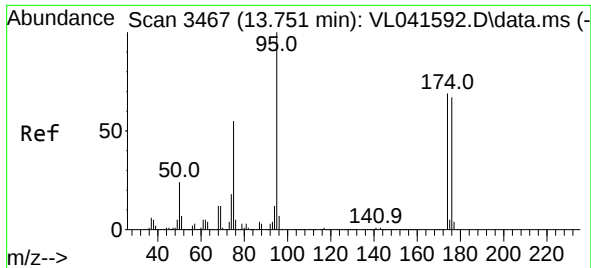
Reviewed By :Semsettin Yesilyurt 10/11/2024
Supervised By :Mahesh Dadoda 10/14/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.455 min Scan# 2753
Delta R.T. 0.010 min
Lab File: VL041640.D
Acq: 10 Oct 2024 13:28

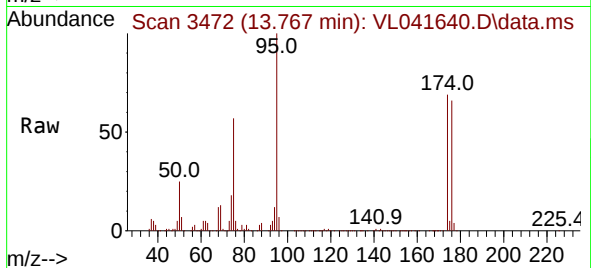
Tgt Ion:117 Resp: 2844115
Ion Ratio Lower Upper
117 100
82 65.2 49.4 74.2
119 33.1 24.4 36.6





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.065 ppbv
 RT: 13.767 min Scan# 3467
 Delta R.T. 0.016 min
 Lab File: VL041640.D
 Acq: 10 Oct 2024 13:28

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2DL



Tgt Ion: 95 Resp: 210734
 Ion Ratio Lower Upper
 95 100
 174 72.2 55.8 83.8
 175 5.1 4.1 6.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/11/2024
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