

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122123\
 Data File : VL040938.D
 Acq On : 21 Dec 2023 20:26
 Operator : SY/MD
 Sample : 05925-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/22/2023
 Supervised By :Mahesh Dadoda 12/26/2023

Quant Time: Dec 22 00:11:12 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M

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

QLast Update : Thu Dec 21 07:32:42 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.189	49	1339632	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.639	114	3477802	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.436	117	3023133	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.745	95	2200545	9.882	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.800%
Target Compounds						
					Qvalue	
9) Propene	2.732	41	49479m	0.744	ppbv	
13) Ethanol	3.279	45	14088m	0.840	ppbv	
15) Acetone	3.507	43	6733121m	41.907	ppbv	
20) Methylene Chloride	3.944	84	14137	0.247	ppbv	89
26) Hexane	5.214	57	262235	2.125	ppbv #	29
30) Cyclohexane	6.594	84	27469m	0.267	ppbv	
34) 2-Butanone	4.800	43	178012	0.968	ppbv #	90
44) 2,2,4-Trimethylpentane	7.314	57	7119434	15.416	ppbv	93
50) 4-Methyl-2-Pentanone	8.198	43	37001m	0.133	ppbv	
51) 2-Hexanone	9.504	43	255360	1.273	ppbv #	49
53) Toluene	9.198	91	55405m	0.184	ppbv	

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

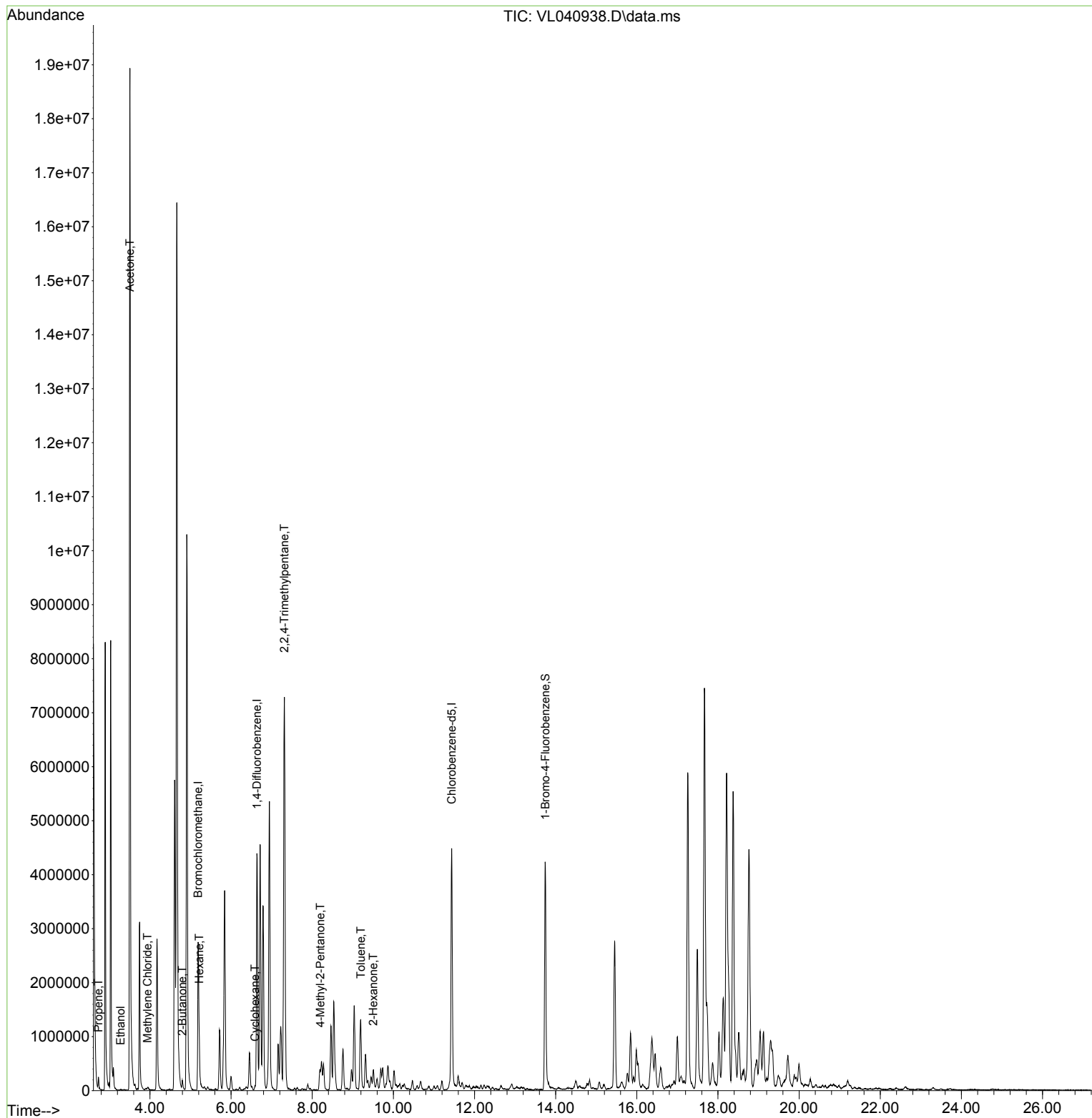
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122123\
Data File : VL040938.D
Acq On : 21 Dec 2023 20:26
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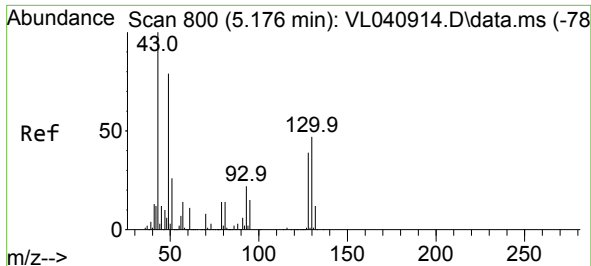
Instrument :
MSVOA_L
ClientSampleId :
SV1DL

Quant Time: Dec 22 00:11:12 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Dec 21 07:32:42 2023
Response via : Initial Calibration

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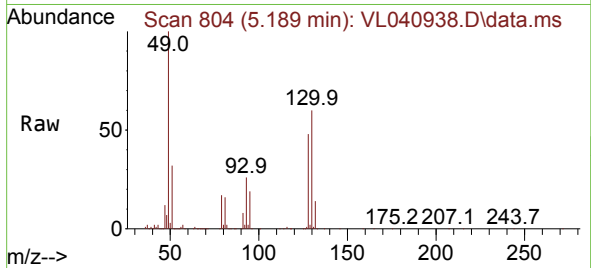
Reviewed By : Semsettin Yesilyurt 12/22/2023
Supervised By : Mahesh Dadoda 12/26/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.189 min Scan# 80
Delta R.T. 0.013 min
Lab File: VL040938.D
Acq: 21 Dec 2023 20:26

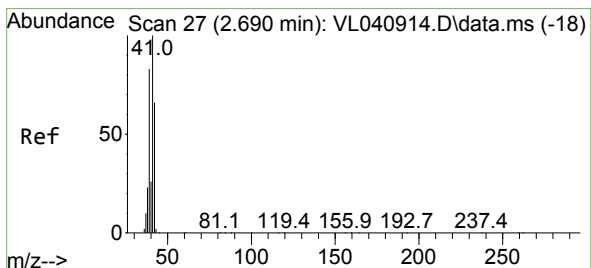
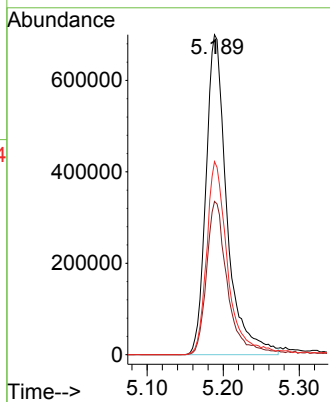
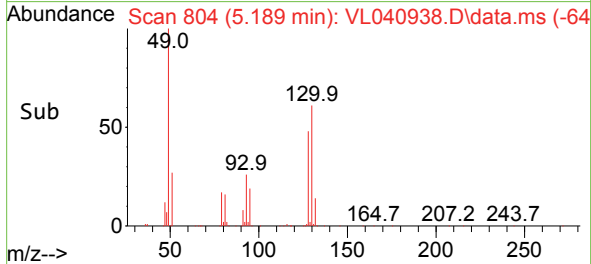
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 49 Resp: 133963
Ion Ratio Lower Upper
49 100
128 48.9 23.8 71.2
130 62.9 30.1 90.5

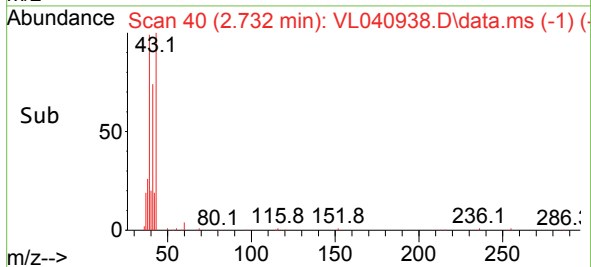
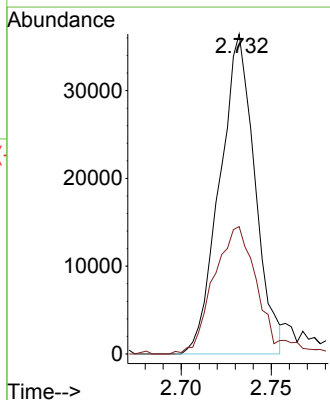
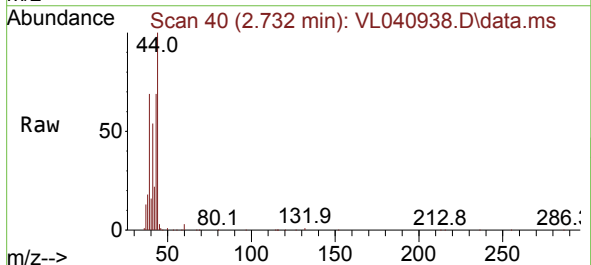
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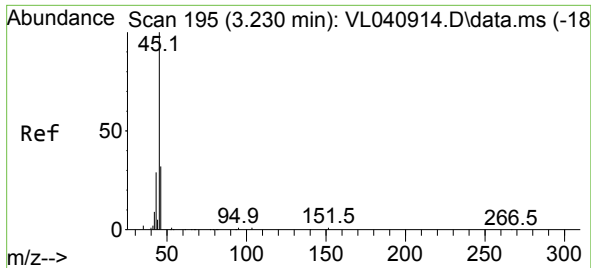
Reviewed By :Semsettin Yesilyurt 12/22/2023
Supervised By :Mahesh Dadoda 12/26/2023



#9
Propene
Concen: 0.744 ppbv m
RT: 2.732 min Scan# 40
Delta R.T. 0.042 min
Lab File: VL040938.D
Acq: 21 Dec 2023 20:26

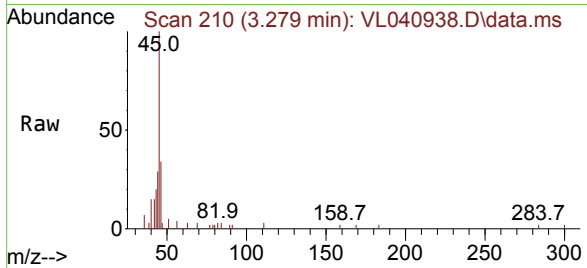
Tgt Ion: 41 Resp: 49479
Ion Ratio Lower Upper
41 100
42 3293.1 55.8 83.6#





#13
Ethanol
Concen: 0.840 ppbv m
RT: 3.279 min Scan# 21
Delta R.T. 0.048 min
Lab File: VL040938.D
Acq: 21 Dec 2023 20:26

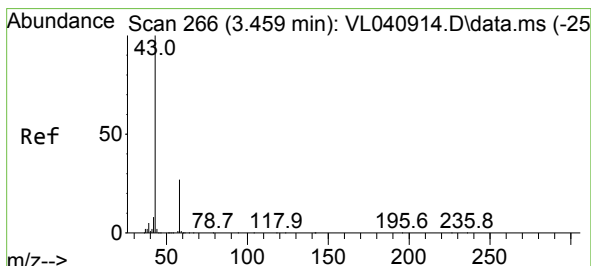
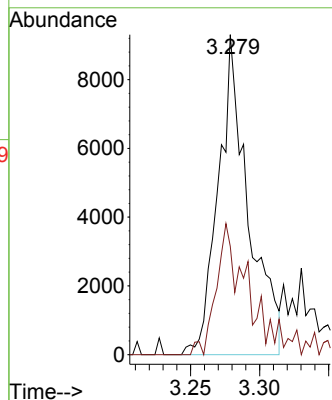
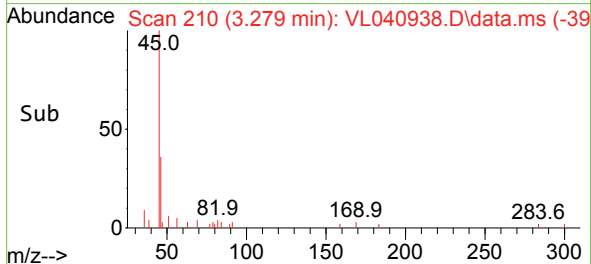
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



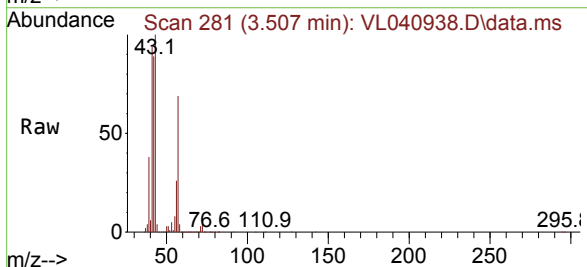
Tgt Ion: 45 Resp: 14088
Ion Ratio Lower Upper
45 100
46 0.0 15.0 60.0

Manual Integrations
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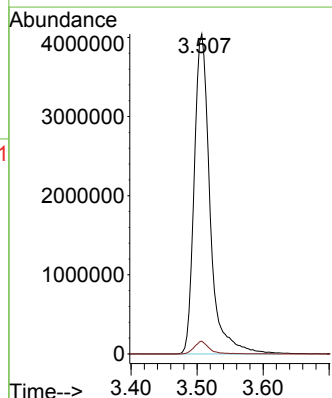
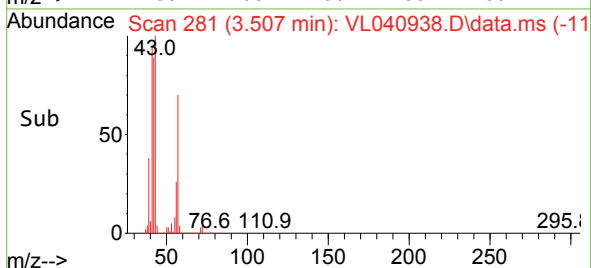
Reviewed By :Semsettin Yesilyurt 12/22/2023
Supervised By :Mahesh Dadoda 12/26/2023

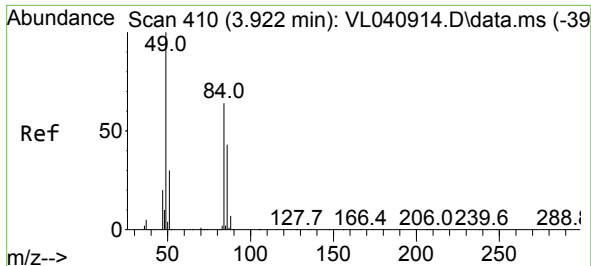


#15
Acetone
Concen: 41.907 ppbv m
RT: 3.507 min Scan# 281
Delta R.T. 0.048 min
Lab File: VL040938.D
Acq: 21 Dec 2023 20:26



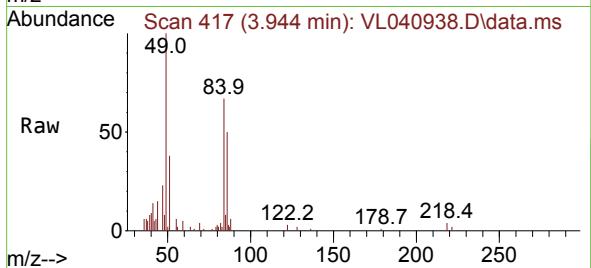
Tgt Ion: 43 Resp: 6733121
Ion Ratio Lower Upper
43 100
58 0.0 20.6 30.8





#20
Methylene Chloride
Concen: 0.247 ppbv
RT: 3.944 min Scan# 410
Delta R.T. 0.023 min
Lab File: VL040938.D
Acq: 21 Dec 2023 20:26

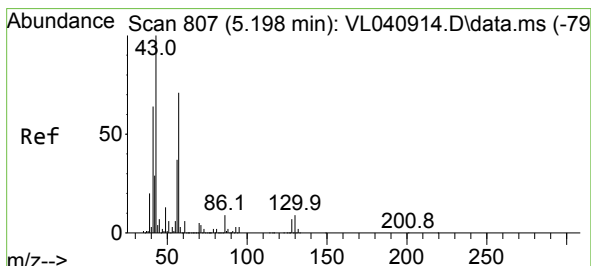
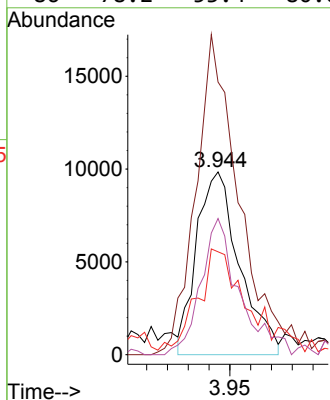
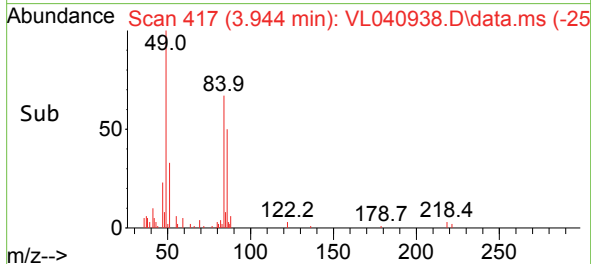
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 84 Resp: 1413
Ion Ratio Lower Upper
84 100
49 139.0 124.6 187.0
51 47.9 37.2 55.8
86 78.2 53.4 80.0

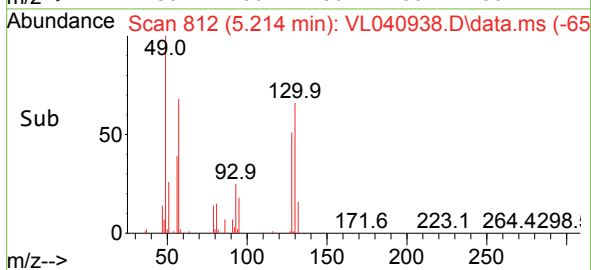
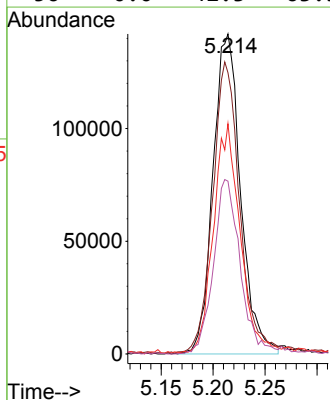
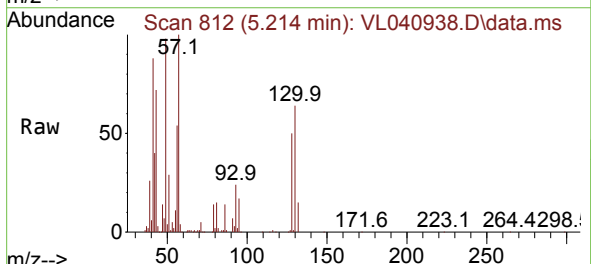
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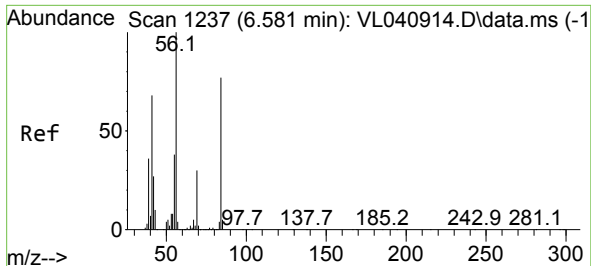
Reviewed By :Semsettin Yesilyurt 12/22/2023
Supervised By :Mahesh Dadoda 12/26/2023



#26
Hexane
Concen: 2.125 ppbv
RT: 5.214 min Scan# 812
Delta R.T. 0.016 min
Lab File: VL040938.D
Acq: 21 Dec 2023 20:26

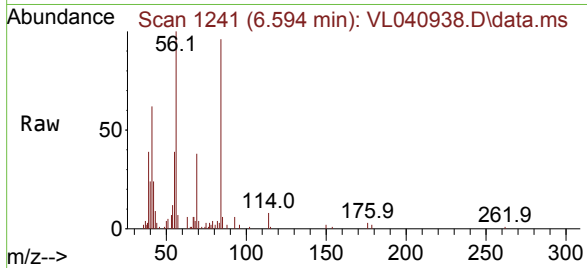
Tgt Ion: 57 Resp: 262235
Ion Ratio Lower Upper
57 100
41 90.6 75.2 112.8
43 72.7 188.0 282.0#
56 0.0 42.3 63.5#





#30
Cyclohexane
Concen: 0.267 ppbv m
RT: 6.594 min Scan# 1241
Delta R.T. 0.013 min
Lab File: VL040938.D
Acq: 21 Dec 2023 20:26

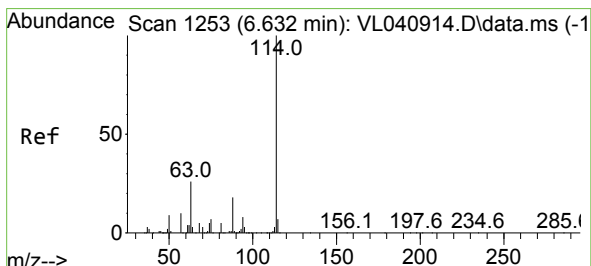
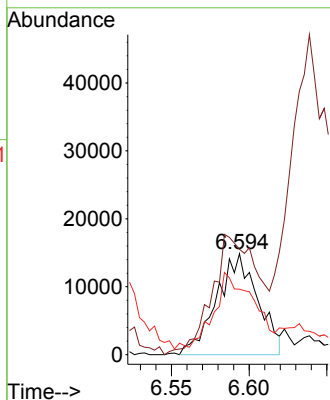
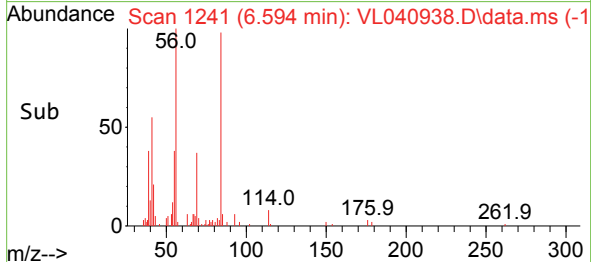
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



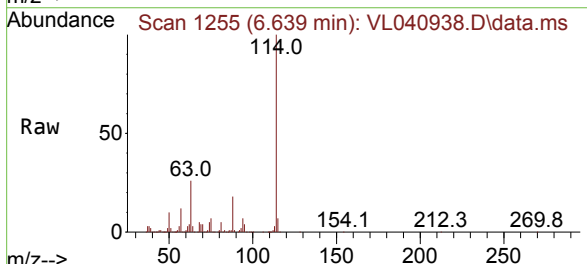
Tgt Ion: 84 Resp: 27469
Ion Ratio Lower Upper
84 100
56 322.8 111.4 167.2
41 0.0 70.0 105.0

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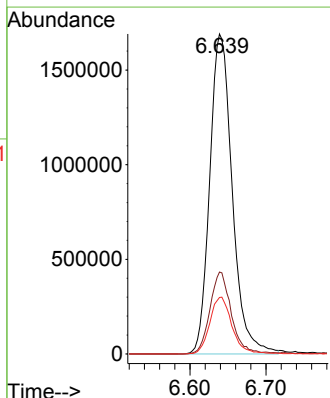
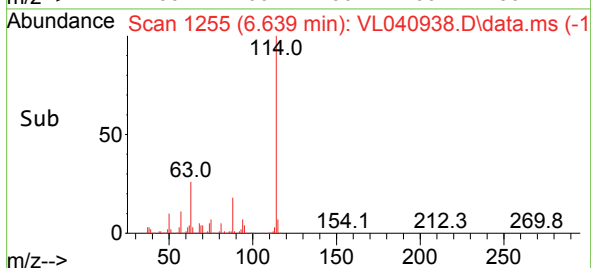
Reviewed By :Semsettin Yesilyurt 12/22/2023
Supervised By :Mahesh Dadoda 12/26/2023

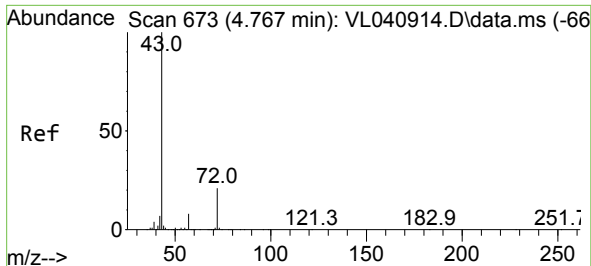


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.639 min Scan# 1255
Delta R.T. 0.007 min
Lab File: VL040938.D
Acq: 21 Dec 2023 20:26



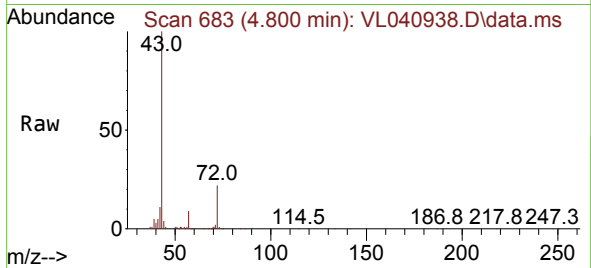
Tgt Ion:114 Resp: 3477802
Ion Ratio Lower Upper
114 100
63 24.7 21.0 31.6
88 17.6 14.3 21.5





#34
2-Butanone
Concen: 0.968 ppbv
RT: 4.800 min Scan# 61
Delta R.T. 0.032 min
Lab File: VL040938.D
Acq: 21 Dec 2023 20:26

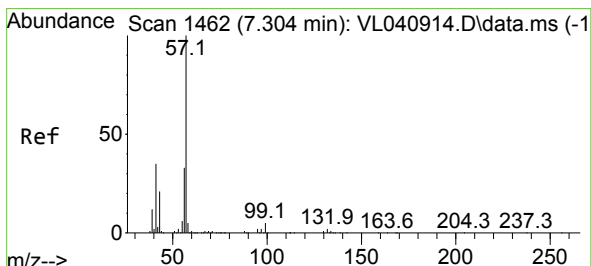
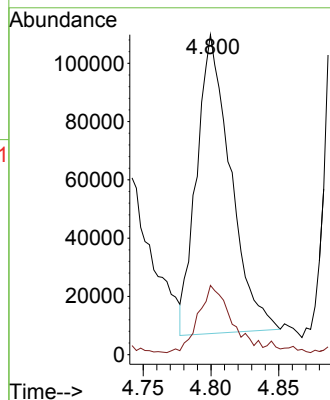
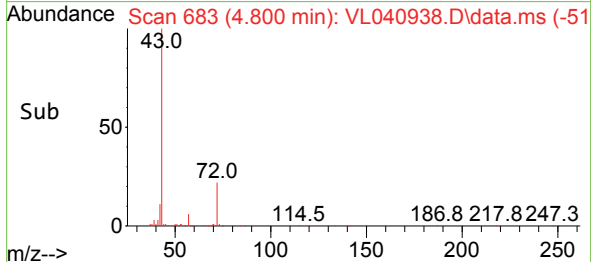
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 43 Resp: 178012
Ion Ratio Lower Upper
43 100
72 26.4 17.2 25.8

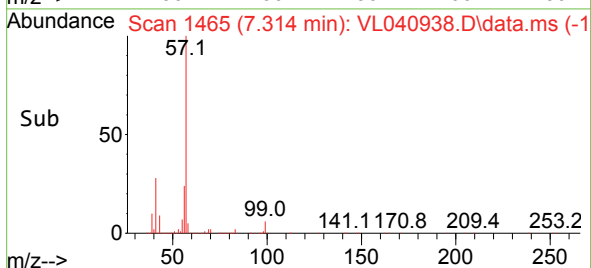
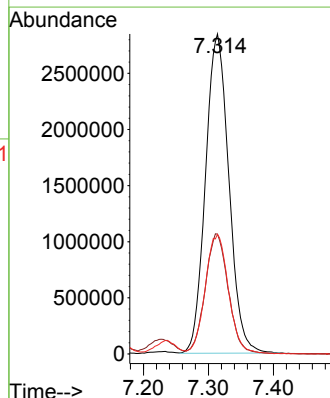
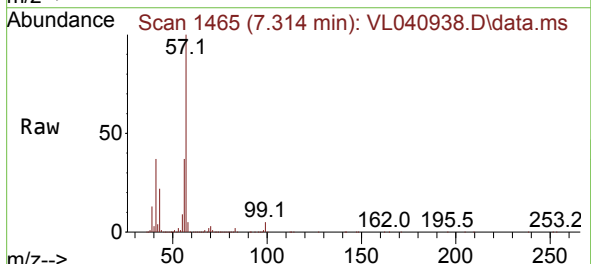
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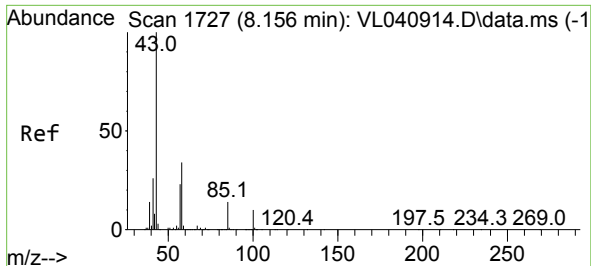
Reviewed By :Semsettin Yesilyurt 12/22/2023
Supervised By :Mahesh Dadoda 12/26/2023



#44
2,2,4-Trimethylpentane
Concen: 15.416 ppbv
RT: 7.314 min Scan# 1465
Delta R.T. 0.010 min
Lab File: VL040938.D
Acq: 21 Dec 2023 20:26

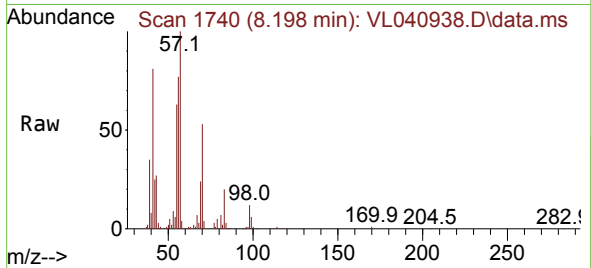
Tgt Ion: 57 Resp: 7119434
Ion Ratio Lower Upper
57 100
41 37.3 28.2 42.4
56 37.5 25.3 37.9





#50
4-Methyl-2-Pentanone
Concen: 0.133 ppbv m
RT: 8.198 min Scan# 11
Delta R.T. 0.042 min
Lab File: VL040938.D
Acq: 21 Dec 2023 20:26

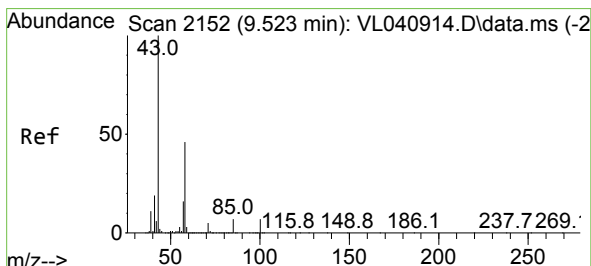
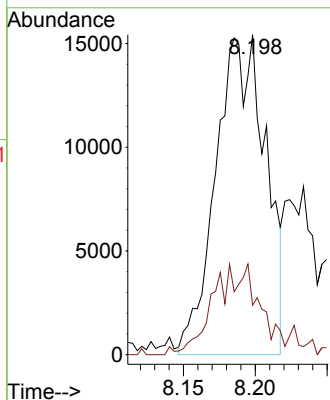
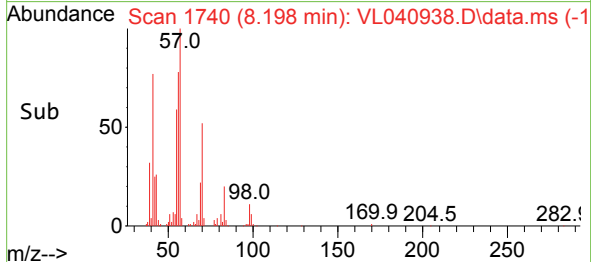
Instrument :
MSVOA_L
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SV1DL



Tgt Ion: 43 Resp: 3700
Ion Ratio Lower Upper
43 100
58 28.5 27.4 41.0

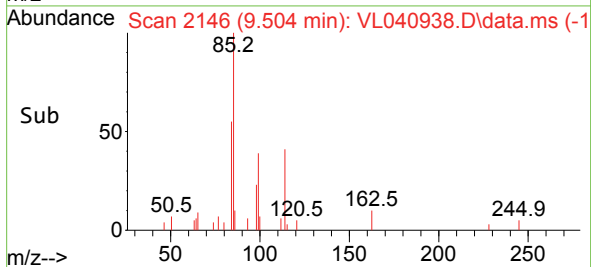
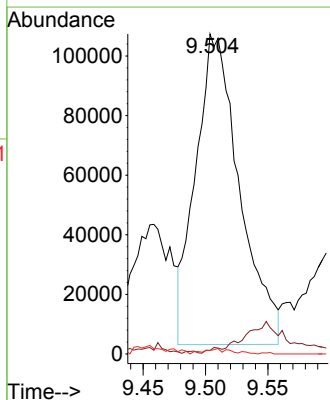
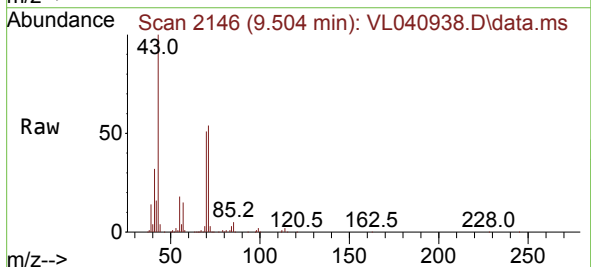
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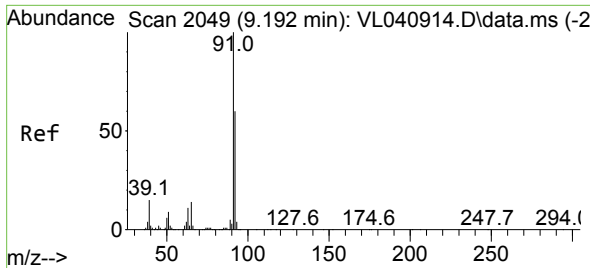
Reviewed By :Semsettin Yesilyurt 12/22/2023
Supervised By :Mahesh Dadoda 12/26/2023



#51
2-Hexanone
Concen: 1.273 ppbv
RT: 9.504 min Scan# 2146
Delta R.T. -0.019 min
Lab File: VL040938.D
Acq: 21 Dec 2023 20:26

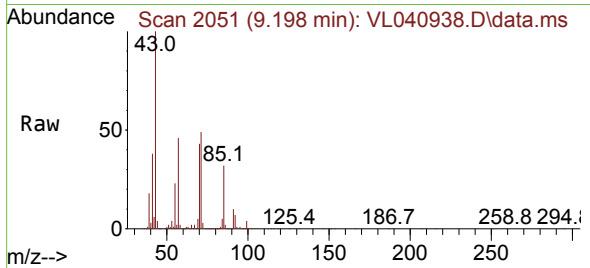
Tgt Ion: 43 Resp: 255360
Ion Ratio Lower Upper
43 100
58 12.3 37.3 55.9#
98 0.0 0.2 0.2#





#53
Toluene
Concen: 0.184 ppbv m
RT: 9.198 min Scan# 2049
Delta R.T. 0.007 min
Lab File: VL040938.D
Acq: 21 Dec 2023 20:26

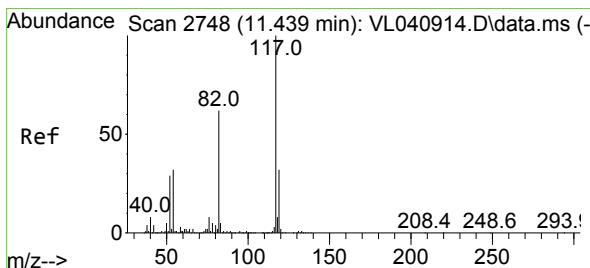
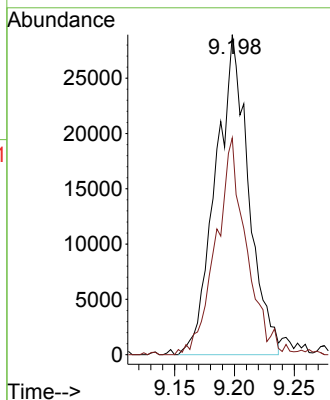
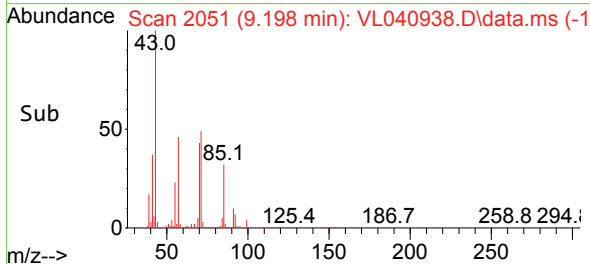
Instrument :
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ClientSampleId :
SV1DL



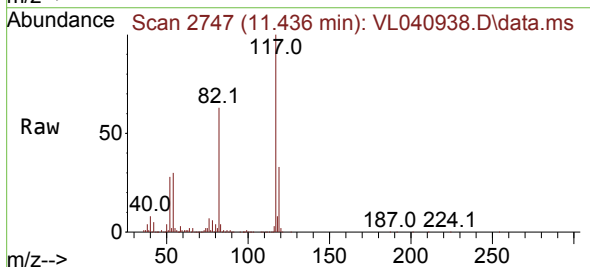
Tgt Ion: 91 Resp: 5540
Ion Ratio Lower Upper
91 100
92 63.7 49.2 73.8

Manual Integrations
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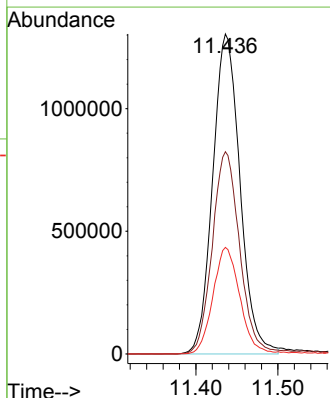
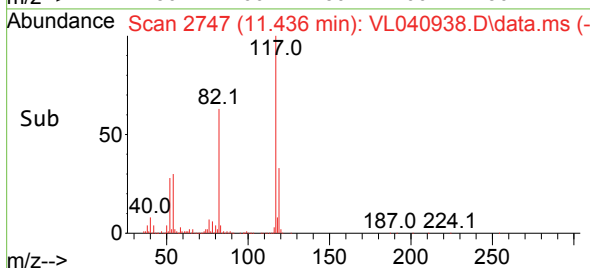
Reviewed By :Semsettin Yesilyurt 12/22/2023
Supervised By :Mahesh Dadoda 12/26/2023

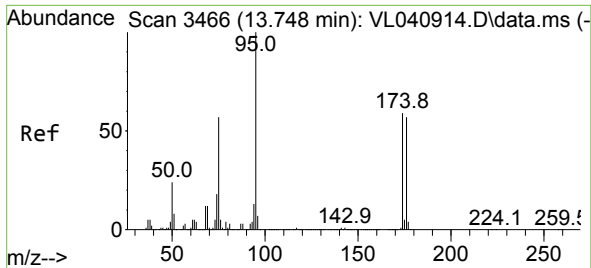


#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.436 min Scan# 2747
Delta R.T. -0.003 min
Lab File: VL040938.D
Acq: 21 Dec 2023 20:26



Tgt Ion:117 Resp: 3023133
Ion Ratio Lower Upper
117 100
82 64.6 49.6 74.4
119 33.2 23.4 35.0





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.882 ppbv
 RT: 13.745 min Scan# 3465
 Delta R.T. -0.003 min
 Lab File: VL040938.D
 Acq: 21 Dec 2023 20:26

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Tgt Ion: 95 Resp: 2200549
 Ion Ratio Lower Upper
 95 100
 174 63.3 48.0 72.0
 175 4.7 3.7 5.5

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 12/22/2023
 Supervised By :Mahesh Dadoda 12/26/2023

