

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122123\
 Data File : VL040949.D
 Acq On : 22 Dec 2023 3:20
 Operator : SY/MD
 Sample : 05848-04DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV5DL

Manual Integrations
 APPROVED

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

Quant Time: Dec 22 04:33:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2023
 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	5.192	49	1217972	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	6.642	114	3223561	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.436	117	2775937	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.741	95	1997824	9.771	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.700%
Target Compounds						
					Qvalue	
9) Propene	2.739	41	41934m	0.693	ppbv	
10) Heptane	7.562	43	52177m	0.347	ppbv	
13) Ethanol	3.292	45	12513m	0.820	ppbv	
15) Acetone	3.504	43	251138	1.719	ppbv	94
20) Methylene Chloride	3.948	84	21349	0.410	ppbv #	77
25) Ethyl Acetate	5.211	43	86709	0.343	ppbv #	78
26) Hexane	5.211	57	123047	1.097	ppbv #	40
34) 2-Butanone	4.809	43	109843	0.644	ppbv	98
51) 2-Hexanone	9.545	43	33865m	0.182	ppbv	
52) Tetrachloroethene	10.587	164	35092	0.413	ppbv #	88

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

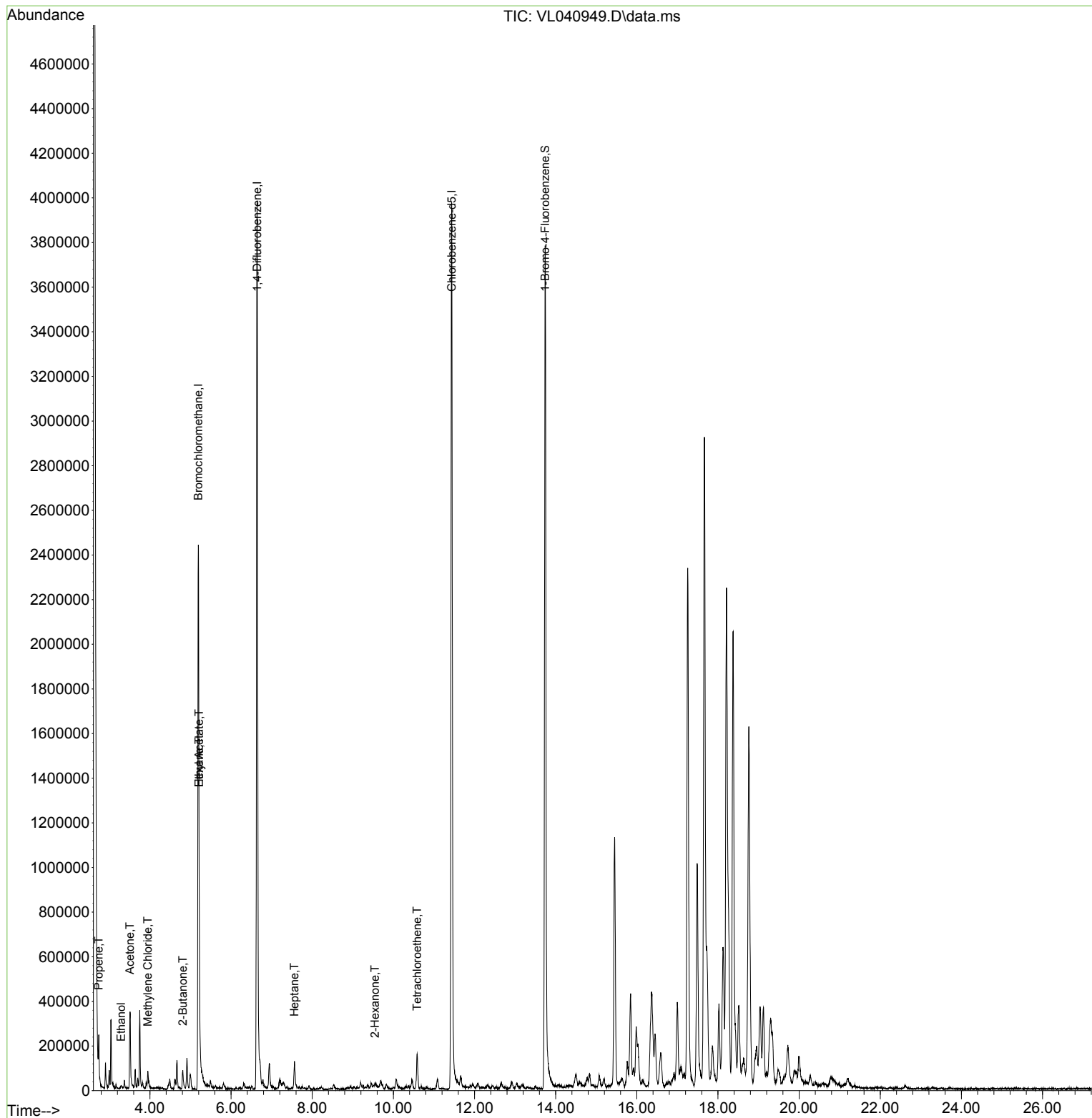
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122123\
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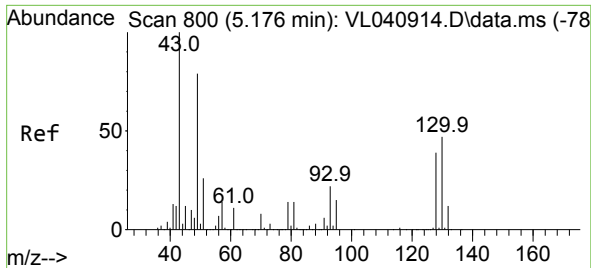
Instrument :
MSVOA_L
ClientSampleId :
SV5DL

Quant Time: Dec 22 04:33:52 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL122023AIR.M
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QLast Update : Thu Dec 21 07:32:42 2023
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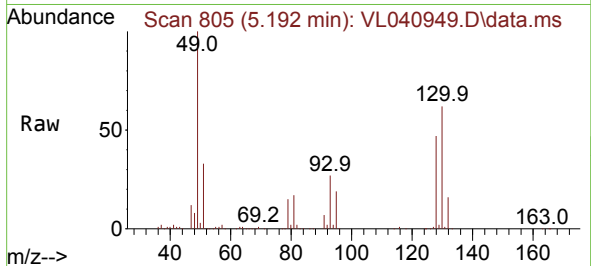
Reviewed By : Semsettin Yesilyurt 12/22/2023
Supervised By : Mahesh Dadoda 12/26/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.192 min Scan# 80
Delta R.T. 0.016 min
Lab File: VL040949.D
Acq: 22 Dec 2023 3:20

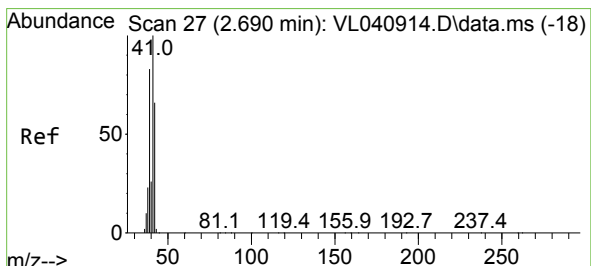
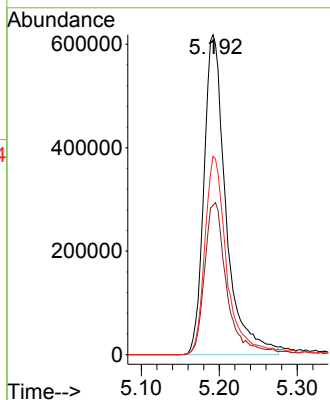
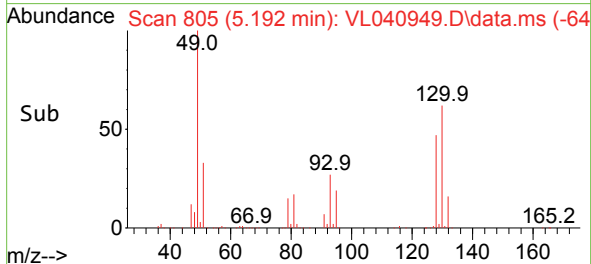
Instrument :
MSVOA_L
ClientSampleId :
SV5DL



Tgt Ion: 49 Resp: 121797
Ion Ratio Lower Upper
49 100
128 49.4 23.8 71.2
130 63.7 30.1 90.5

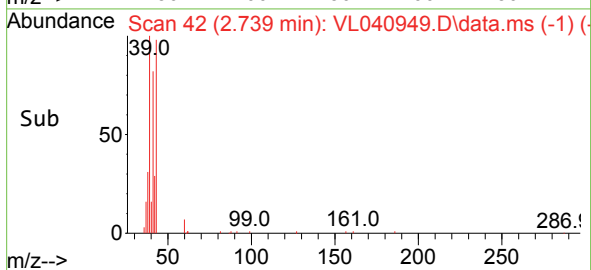
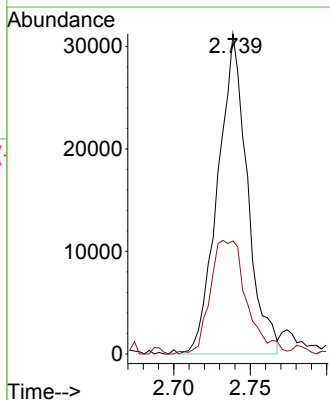
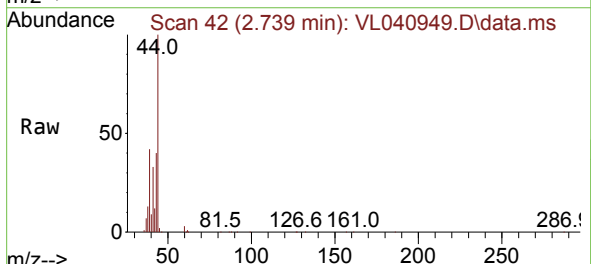
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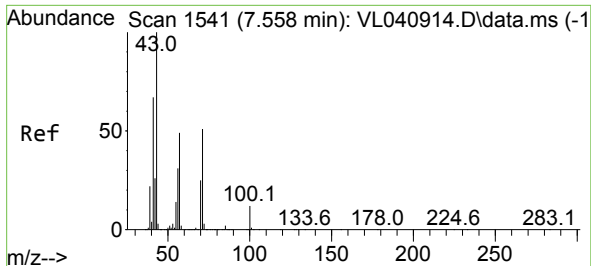
Reviewed By :Semsettin Yesilyurt 12/22/2023
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#9
Propene
Concen: 0.693 ppbv m
RT: 2.739 min Scan# 42
Delta R.T. 0.048 min
Lab File: VL040949.D
Acq: 22 Dec 2023 3:20

Tgt Ion: 41 Resp: 41934
Ion Ratio Lower Upper
41 100
42 3.3 55.8 83.6#





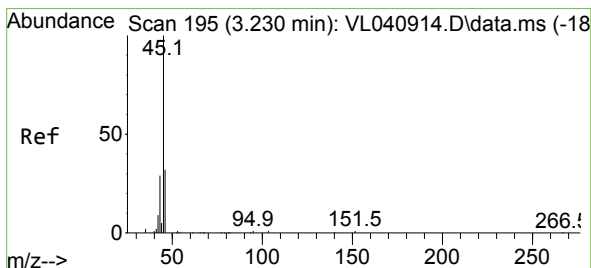
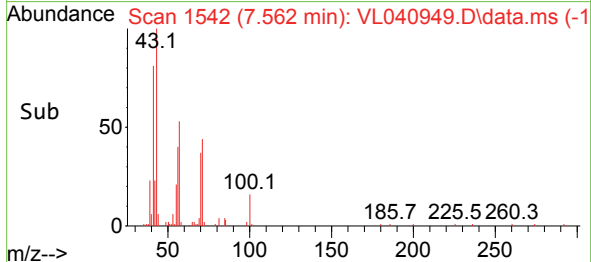
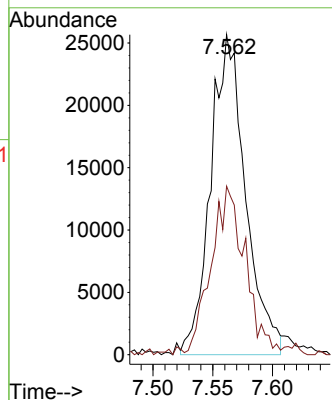
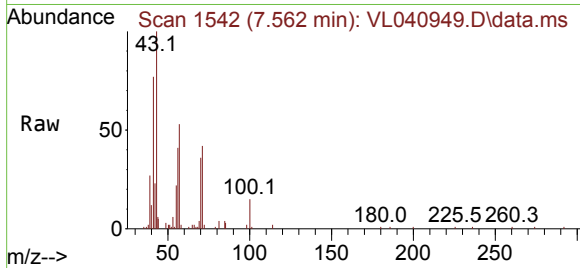
#10
Heptane
Concen: 0.347 ppbv m
RT: 7.562 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040949.D
Acq: 22 Dec 2023 3:20

Instrument :
MSVOA_L
ClientSampleId :
SV5DL

Tgt Ion: 43 Resp: 5217
Ion Ratio Lower Upper
43 100
57 54.0 39.3 58.9

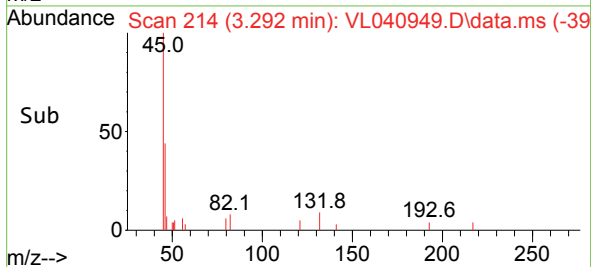
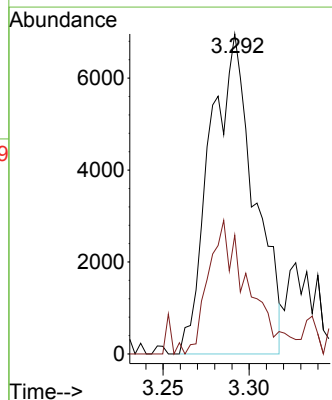
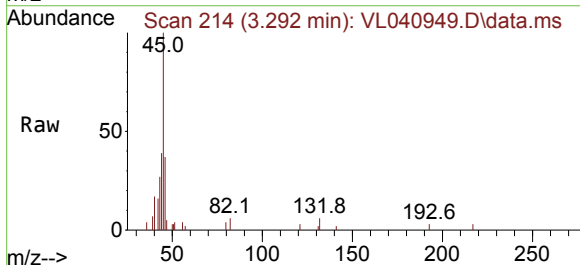
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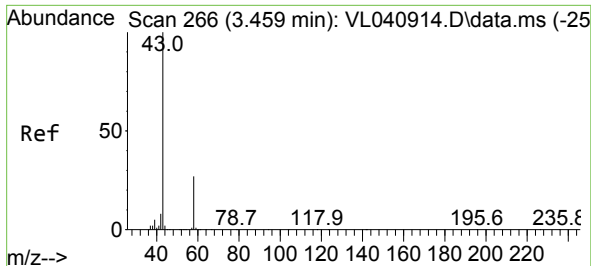
Reviewed By :Semsettin Yesilyurt 12/22/2023
Supervised By :Mahesh Dadoda 12/26/2023



#13
Ethanol
Concen: 0.820 ppbv m
RT: 3.292 min Scan# 214
Delta R.T. 0.061 min
Lab File: VL040949.D
Acq: 22 Dec 2023 3:20

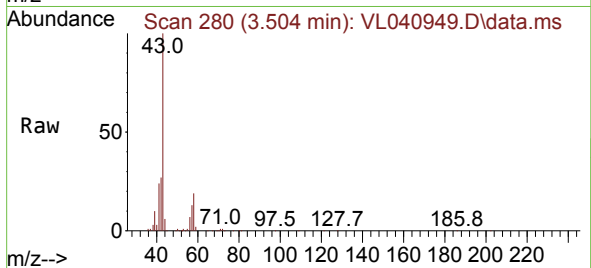
Tgt Ion: 45 Resp: 12513
Ion Ratio Lower Upper
45 100
46 0.0 15.0 60.0#





#15
Acetone
Concen: 1.719 ppbv
RT: 3.504 min Scan# 21
Delta R.T. 0.045 min
Lab File: VL040949.D
Acq: 22 Dec 2023 3:20

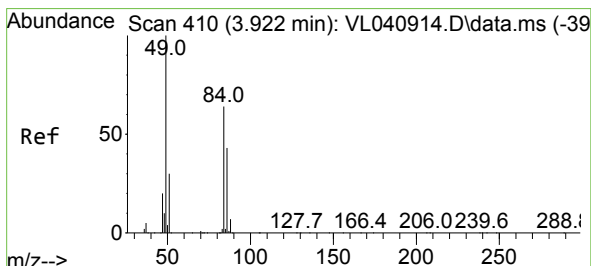
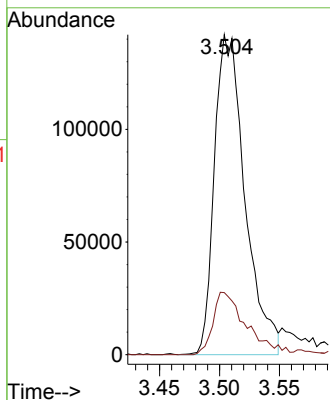
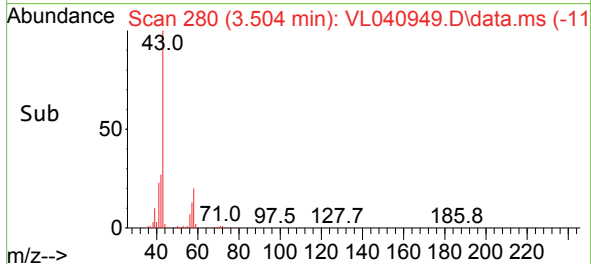
Instrument :
MSVOA_L
ClientSampleId :
SV5DL



Tgt Ion: 43 Resp: 251138
Ion Ratio Lower Upper
43 100
58 22.5 20.6 30.8

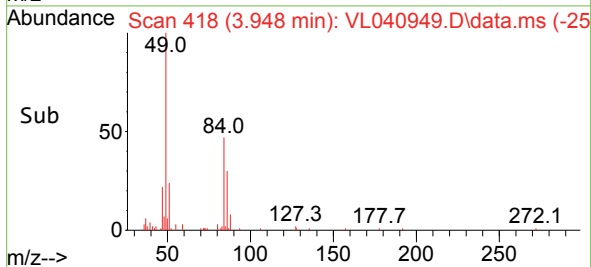
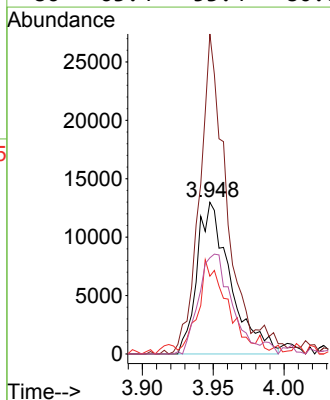
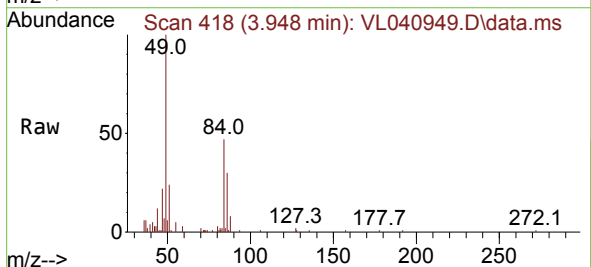
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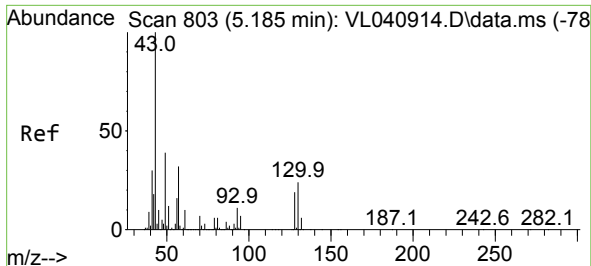
Reviewed By :Semsettin Yesilyurt 12/22/2023
Supervised By :Mahesh Dadoda 12/26/2023



#20
Methylene Chloride
Concen: 0.410 ppbv
RT: 3.948 min Scan# 418
Delta R.T. 0.026 min
Lab File: VL040949.D
Acq: 22 Dec 2023 3:20

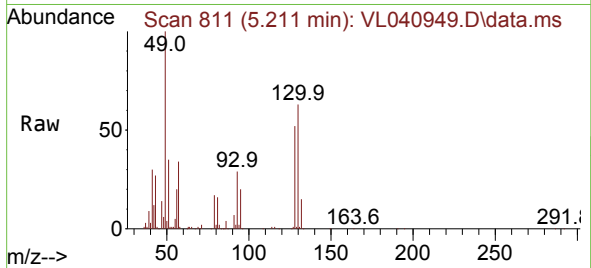
Tgt Ion: 84 Resp: 21349
Ion Ratio Lower Upper
84 100
49 204.6 124.6 187.0#
51 48.7 37.2 55.8
86 63.4 53.4 80.0





#25
Ethyl Acetate
Concen: 0.343 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.026 min
Lab File: VL040949.D
Acq: 22 Dec 2023 3:20

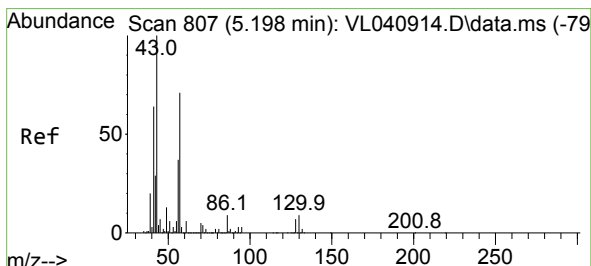
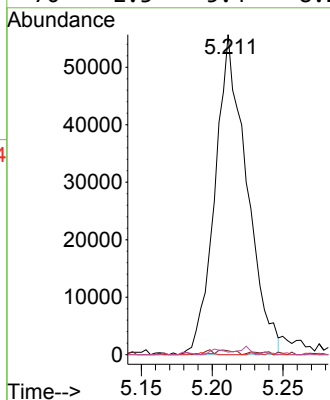
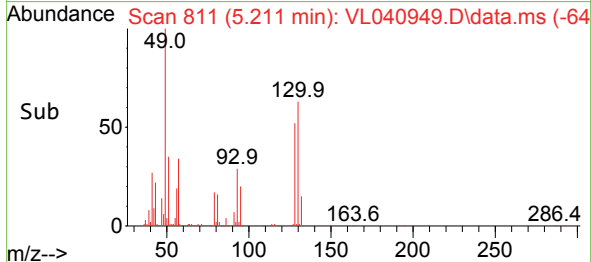
Instrument :
MSVOA_L
ClientSampleId :
SV5DL



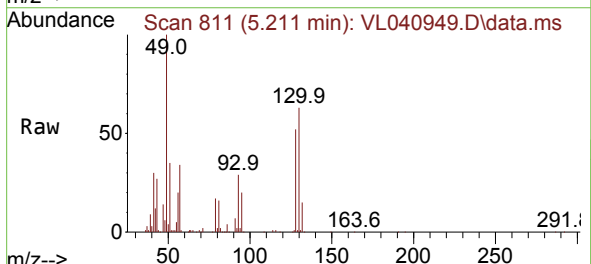
Tgt Ion: 43 Resp: 86709
Ion Ratio Lower Upper
43 100
45 0.8 8.2 12.2
61 0.2 7.6 11.4
70 2.3 5.4 8.2

Manual Integrations
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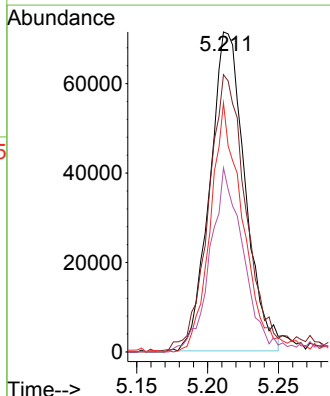
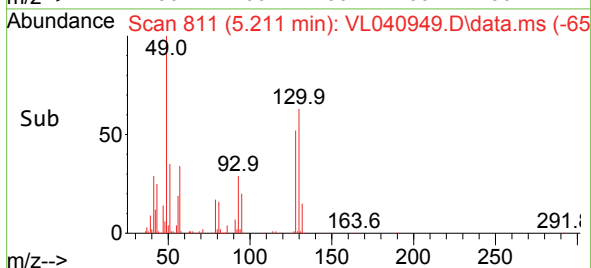
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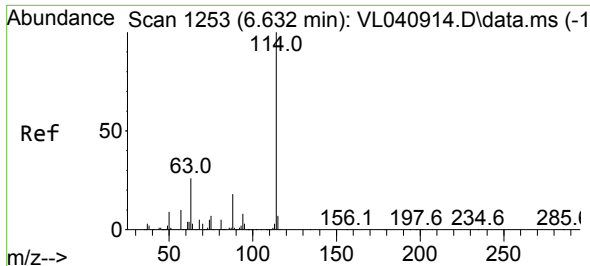


#26
Hexane
Concen: 1.097 ppbv
RT: 5.211 min Scan# 811
Delta R.T. 0.013 min
Lab File: VL040949.D
Acq: 22 Dec 2023 3:20



Tgt Ion: 57 Resp: 123047
Ion Ratio Lower Upper
57 100
41 96.6 75.2 112.8
43 73.8 188.0 282.0
56 55.0 42.3 63.5





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.642 min Scan# 114

Delta R.T. 0.010 min

Lab File: VL040949.D

Acq: 22 Dec 2023 3:20

Instrument :

MSVOA_L

ClientSampleId :

SV5DL

Tgt Ion:114 Resp: 322356

Ion Ratio Lower Upper

114 100

63 24.4 21.0 31.6

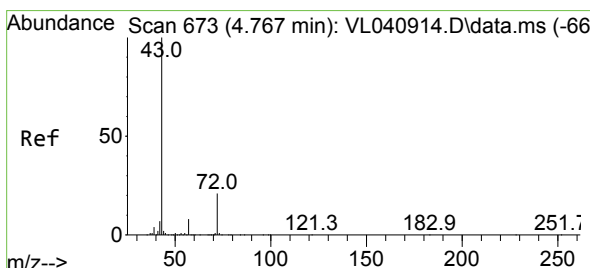
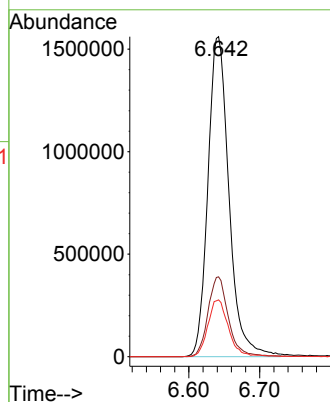
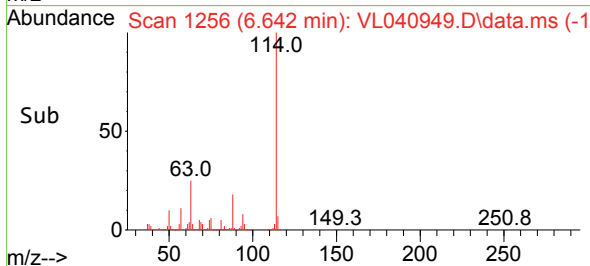
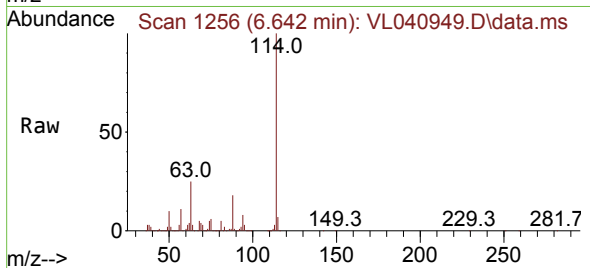
88 17.6 14.3 21.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 12/22/2023

Supervised By :Mahesh Dadoda 12/26/2023



#34

2-Butanone

Concen: 0.644 ppbv

RT: 4.809 min Scan# 686

Delta R.T. 0.042 min

Lab File: VL040949.D

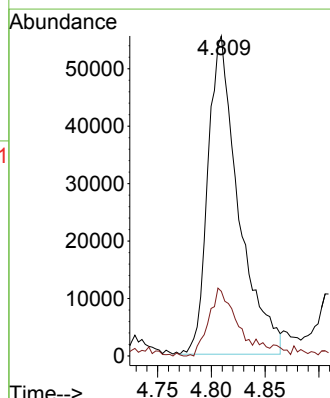
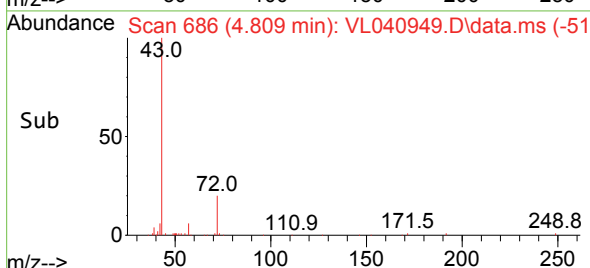
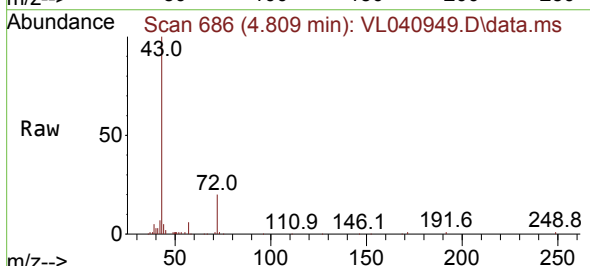
Acq: 22 Dec 2023 3:20

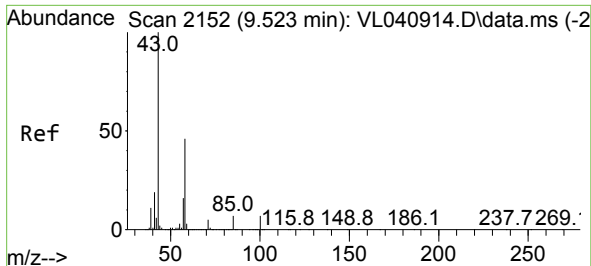
Tgt Ion: 43 Resp: 109843

Ion Ratio Lower Upper

43 100

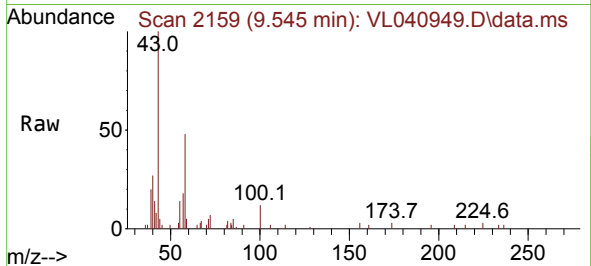
72 22.6 17.2 25.8





#51
2-Hexanone
Concen: 0.182 ppbv m
RT: 9.545 min Scan# 2152
Delta R.T. 0.023 min
Lab File: VL040949.D
Acq: 22 Dec 2023 3:20

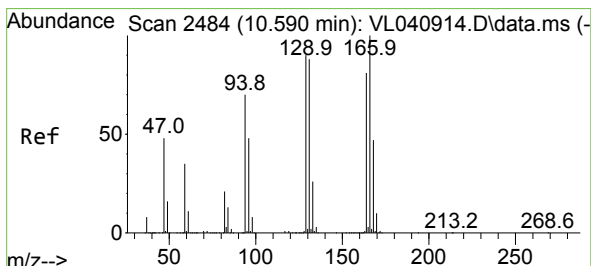
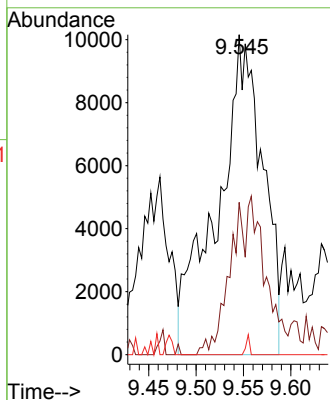
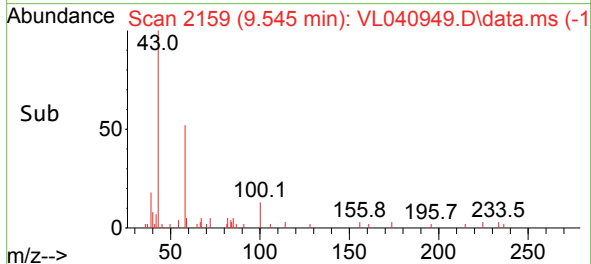
Instrument :
MSVOA_L
ClientSampleId :
SV5DL



Tgt Ion: 43 Resp: 3386
Ion Ratio Lower Upper
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58 0.0 37.3 55.9
98 0.0 0.2 0.2

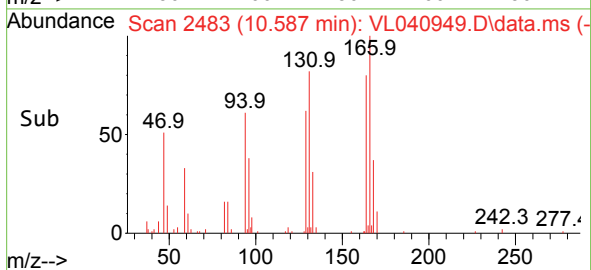
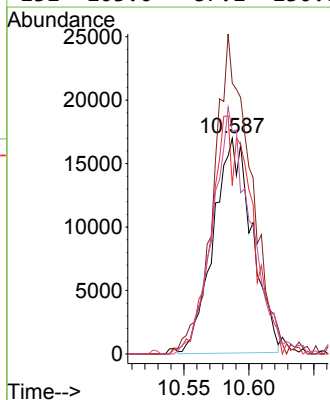
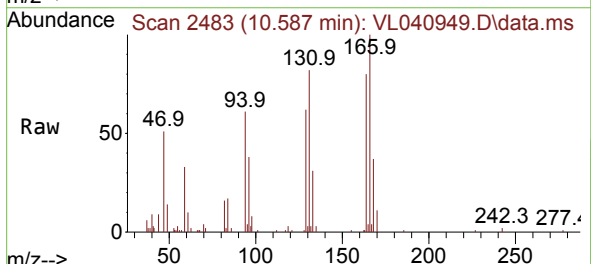
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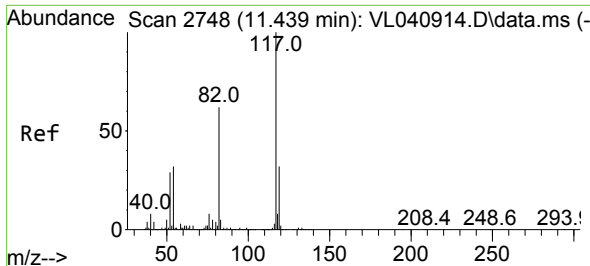
Reviewed By :Semsettin Yesilyurt 12/22/2023
Supervised By :Mahesh Dadoda 12/26/2023



#52
Tetrachloroethene
Concen: 0.413 ppbv
RT: 10.587 min Scan# 2483
Delta R.T. -0.003 min
Lab File: VL040949.D
Acq: 22 Dec 2023 3:20

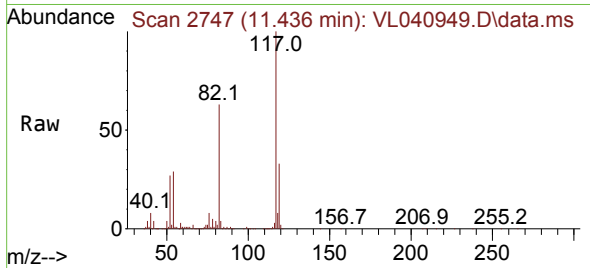
Tgt Ion:164 Resp: 35092
Ion Ratio Lower Upper
164 100
166 124.4 98.9 148.3
129 76.8 88.7 133.1#
131 103.0 87.1 130.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.436 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL040949.D
Acq: 22 Dec 2023 3:20

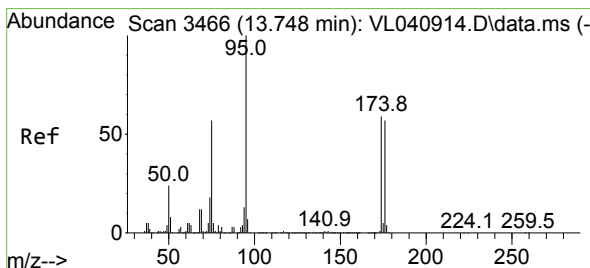
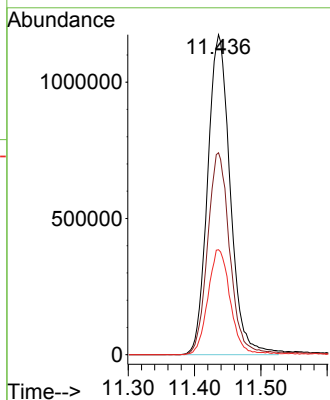
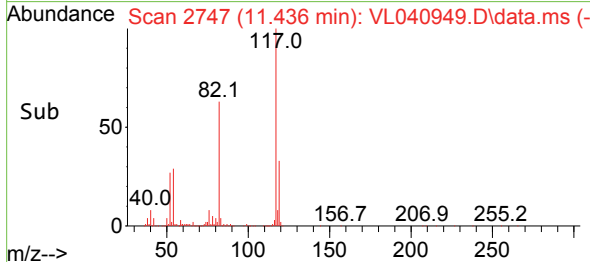
Instrument :
MSVOA_L
ClientSampleId :
SV5DL



Tgt Ion:117 Resp: 277593
Ion Ratio Lower Upper
117 100
82 63.6 49.6 74.4
119 32.9 23.4 35.0

Manual Integrations
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#68
1-Bromo-4-Fluorobenzene
Concen: 9.771 ppbv
RT: 13.741 min Scan# 3464
Delta R.T. -0.006 min
Lab File: VL040949.D
Acq: 22 Dec 2023 3:20

Tgt Ion: 95 Resp: 1997824
Ion Ratio Lower Upper
95 100
174 64.5 48.0 72.0
175 4.8 3.7 5.5

