

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061124\
 Data File : VL041348.D
 Acq On : 11 Jun 2024 15:34
 Operator : SY/MD
 Sample : P2837-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVIDL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/12/2024
 Supervised By :Mahesh Dadoda 06/12/2024

Quant Time: Jun 12 01:24:31 2024

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M

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

QLast Update : Wed Jun 12 01:18:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	1102101	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2957083	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2694810	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.780	95	2070730	9.952	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.500%
Target Compounds						
					Qvalue	
3) Chlorodifluoromethane	2.703	51	33120m	0.190	ppbv	
9) Propene	2.726	41	20009m	0.323	ppbv	
13) Ethanol	3.279	45	16622m	1.030	ppbv	
15) Acetone	3.504	43	153646	1.221	ppbv #	87
20) Methylene Chloride	3.954	84	184169	4.027	ppbv	98
26) Hexane	5.230	57	264826	2.366	ppbv #	42
34) 2-Butanone	4.816	43	141424	0.998	ppbv	93
38) Trichloroethene	7.304	130	4348m	0.047	ppbv	
39) 1,2-Dichloropropane	7.082	63	16678m	0.183	ppbv	
52) Tetrachloroethene	10.622	164	245917	2.942	ppbv	96
62) Isopropylbenzene	14.031	105	13343m	0.031	ppbv	

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

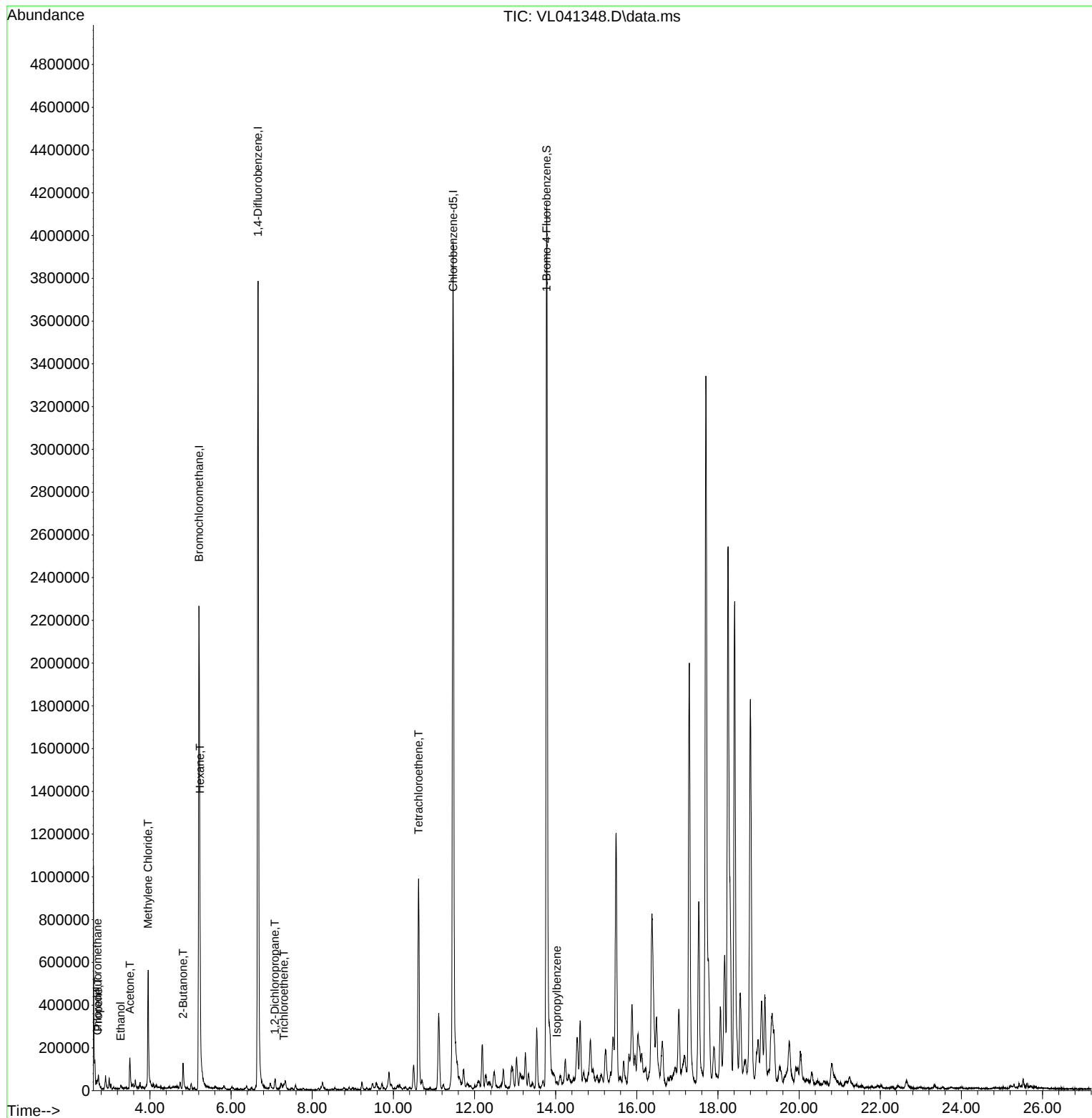
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061124\
Data File : VL041348.D
Acq On : 11 Jun 2024 15:34
Operator : SY/MD
Sample : P2837-01DL 20X
Misc : 400mL/MSVOA_L
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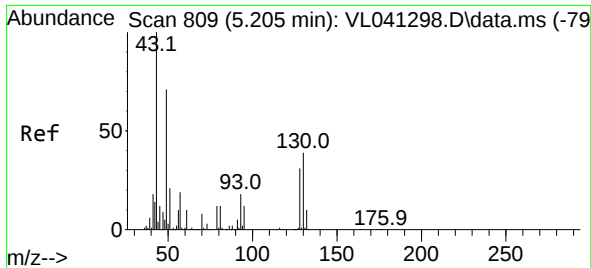
Instrument :
MSVOA_L
ClientSampleId :
SVIDL

Quant Time: Jun 12 01:24:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Wed Jun 12 01:18:29 2024
Response via : Initial Calibration

Manual Integrations
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Reviewed By : Semsettin Yesilyurt 06/12/2024
Supervised By : Mahesh Dadoda 06/12/2024





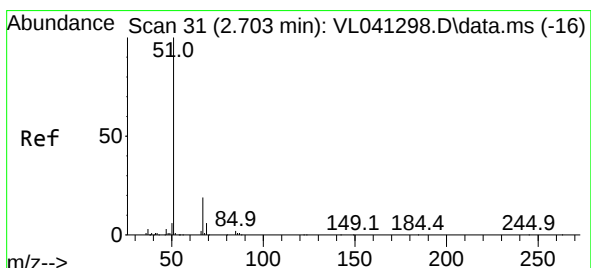
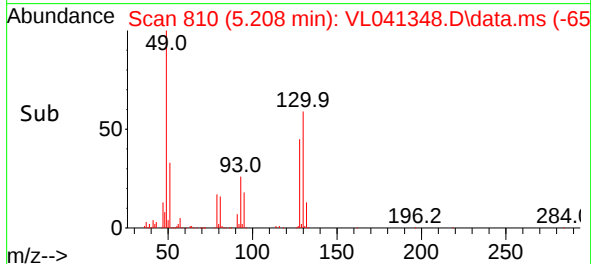
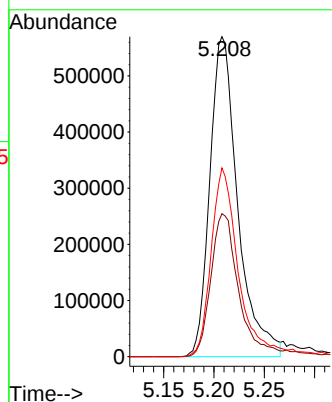
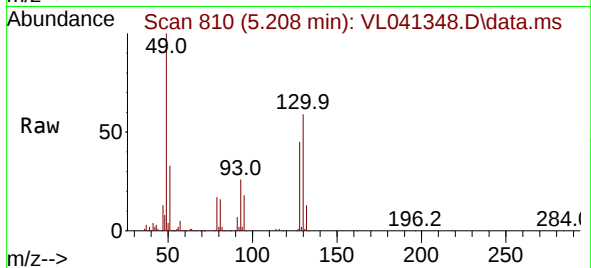
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 810
Delta R.T. -0.003 min
Lab File: VL041348.D
Acq: 11 Jun 2024 15:34

Instrument :
MSVOA_L
ClientSampleId :
SVIDL

Tgt Ion: 49 Resp: 110210
Ion Ratio Lower Upper
49 100
128 46.9 22.8 68.3
130 60.8 28.4 85.3

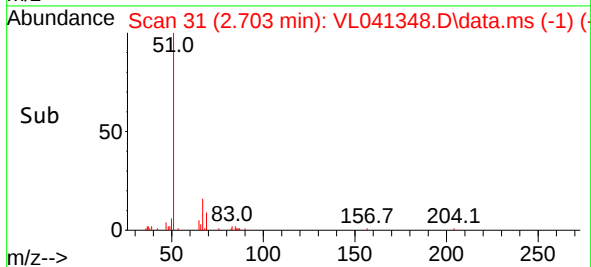
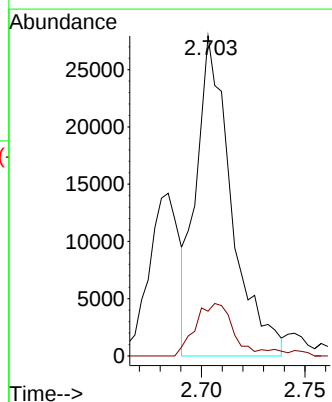
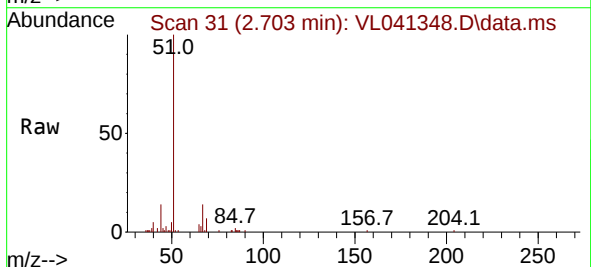
Manual Integrations
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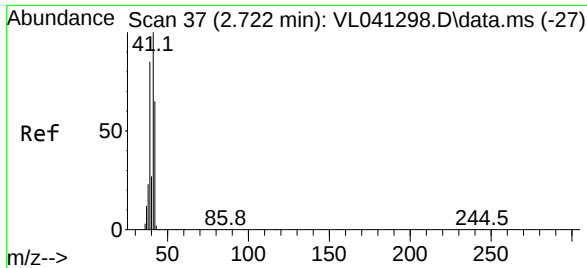
Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024



#3
Chlorodifluoromethane
Concen: 0.190 ppbv m
RT: 2.703 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL041348.D
Acq: 11 Jun 2024 15:34

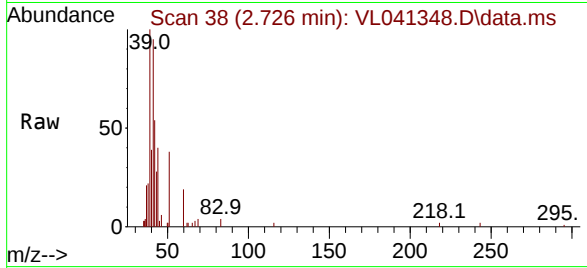
Tgt Ion: 51 Resp: 33120
Ion Ratio Lower Upper
51 100
67 19.6 14.7 22.1





#9
Propene
Concen: 0.323 ppbv m
RT: 2.726 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL041348.D
Acq: 11 Jun 2024 15:34

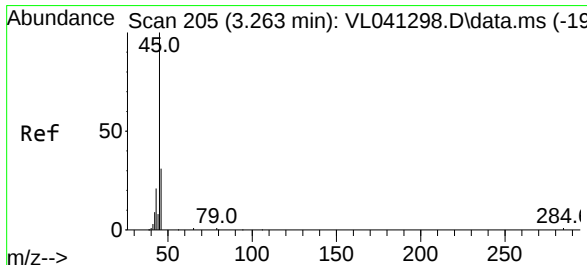
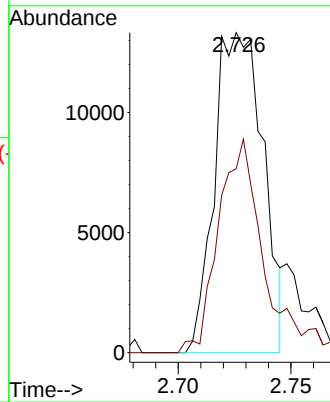
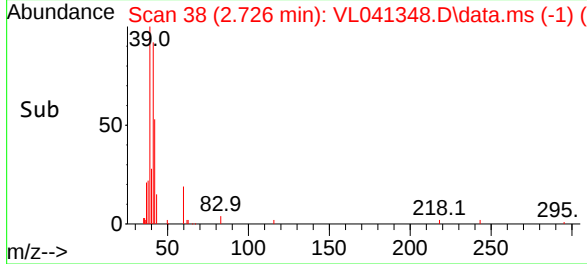
Instrument :
MSVOA_L
ClientSampleId :
SVIDL



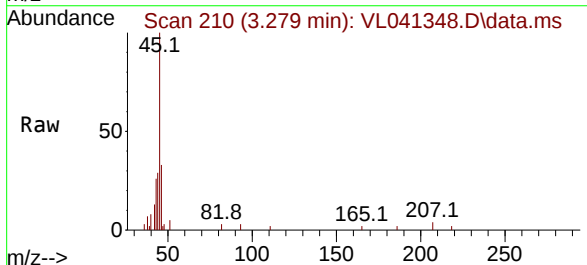
Tgt Ion: 41 Resp: 2000
Ion Ratio Lower Upper
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42 63.8 55.2 82.8

Manual Integrations
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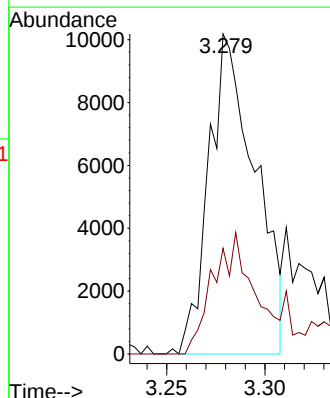
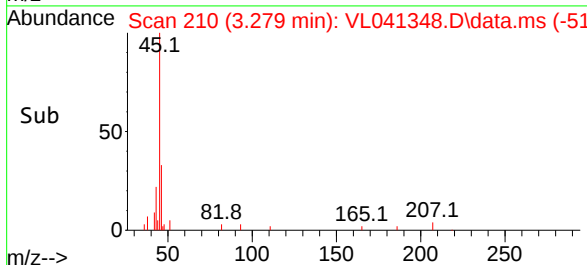
Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024

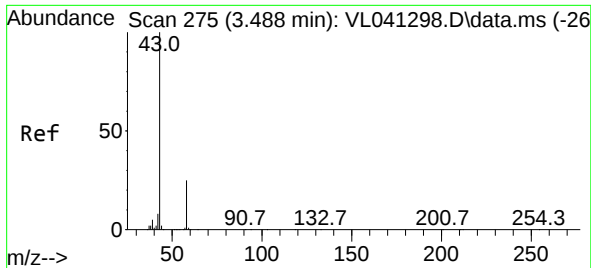


#13
Ethanol
Concen: 1.030 ppbv m
RT: 3.279 min Scan# 210
Delta R.T. 0.010 min
Lab File: VL041348.D
Acq: 11 Jun 2024 15:34



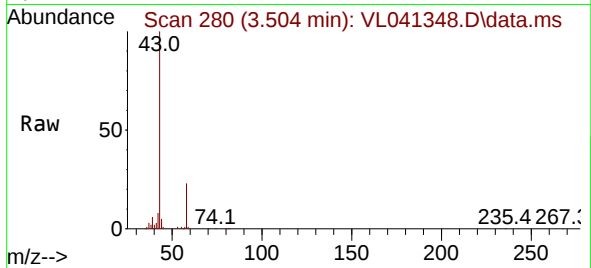
Tgt Ion: 45 Resp: 16622
Ion Ratio Lower Upper
45 100
46 37.9 14.2 56.6





#15
Acetone
Concen: 1.221 ppbv
RT: 3.504 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL041348.D
Acq: 11 Jun 2024 15:34

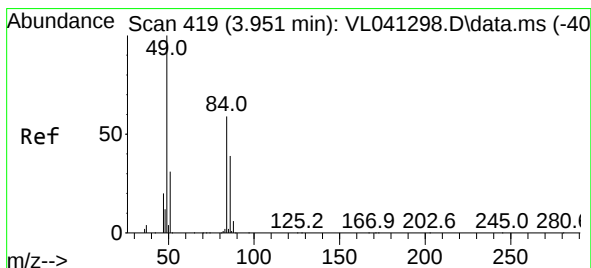
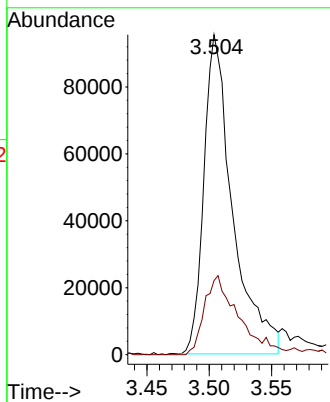
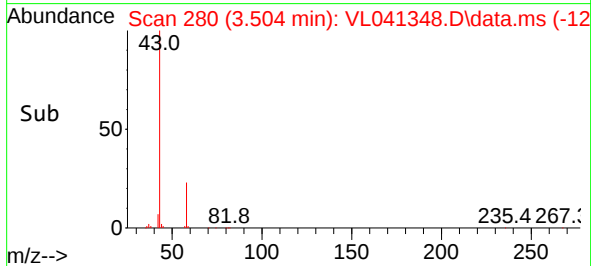
Instrument :
MSVOA_L
ClientSampleId :
SVIDL



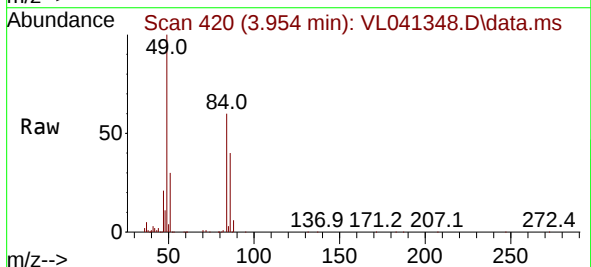
Tgt Ion: 43 Resp: 153640
Ion Ratio Lower Upper
43 100
58 32.3 20.6 31.0

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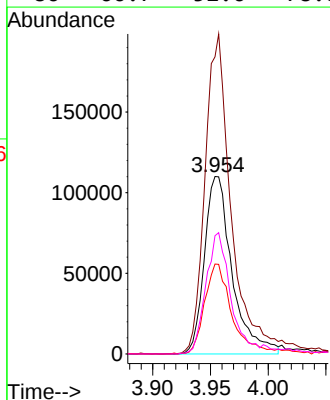
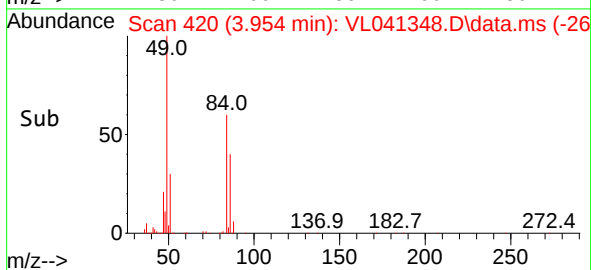
Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024

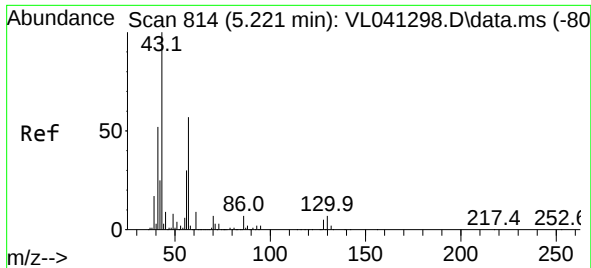


#20
Methylene Chloride
Concen: 4.027 ppbv
RT: 3.954 min Scan# 420
Delta R.T. 0.000 min
Lab File: VL041348.D
Acq: 11 Jun 2024 15:34



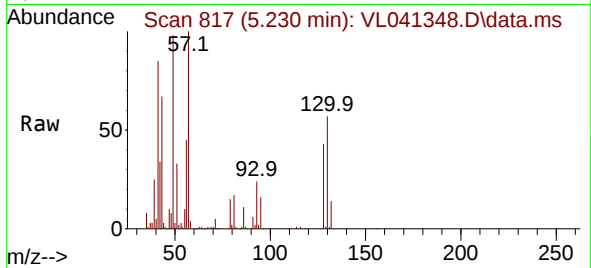
Tgt Ion: 84 Resp: 184169
Ion Ratio Lower Upper
84 100
49 167.3 136.2 204.2
51 50.7 41.9 62.9
86 66.7 52.6 78.8





#26
Hexane
Concen: 2.366 ppbv
RT: 5.230 min Scan# 814
Delta R.T. 0.000 min
Lab File: VL041348.D
Acq: 11 Jun 2024 15:34

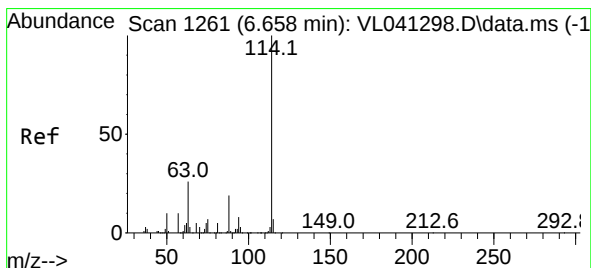
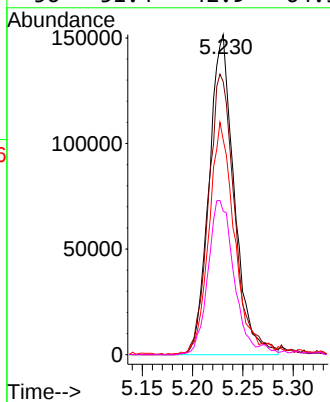
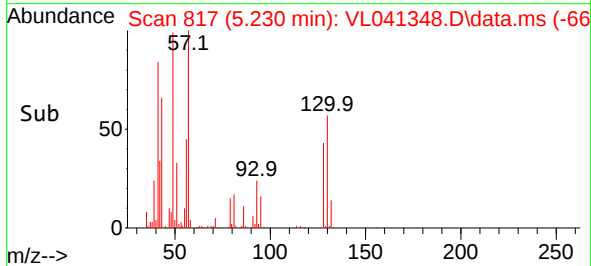
Instrument :
MSVOA_L
ClientSampleId :
SVIDL



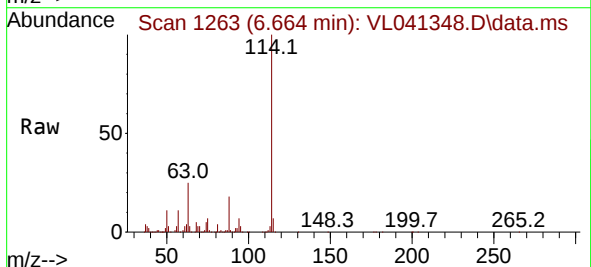
Tgt Ion: 57 Resp: 264820
Ion Ratio Lower Upper
57 100
41 93.0 77.1 115.7
43 76.3 186.1 279.1
56 51.4 42.9 64.3

Manual Integrations
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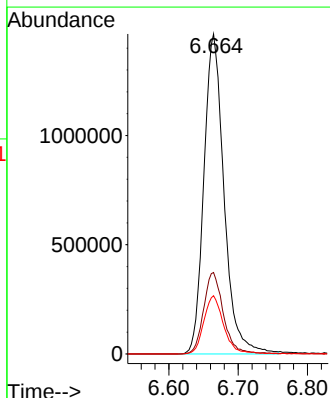
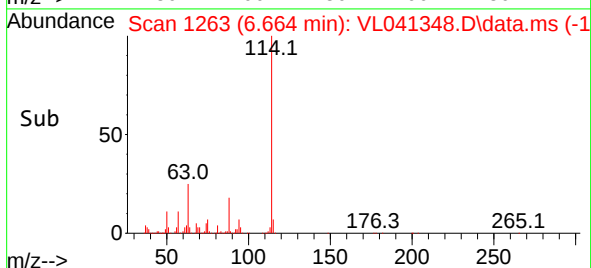
Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024

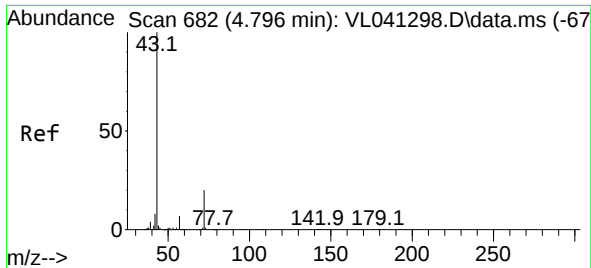


#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 1263
Delta R.T. -0.003 min
Lab File: VL041348.D
Acq: 11 Jun 2024 15:34



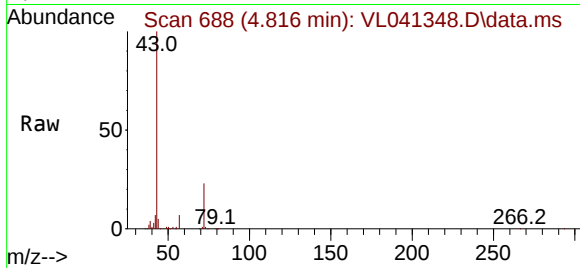
Tgt Ion:114 Resp: 2957083
Ion Ratio Lower Upper
114 100
63 25.2 20.6 30.8
88 18.0 14.5 21.7





#34
2-Butanone
Concen: 0.998 ppbv
RT: 4.816 min Scan# 61
Delta R.T. 0.013 min
Lab File: VL041348.D
Acq: 11 Jun 2024 15:34

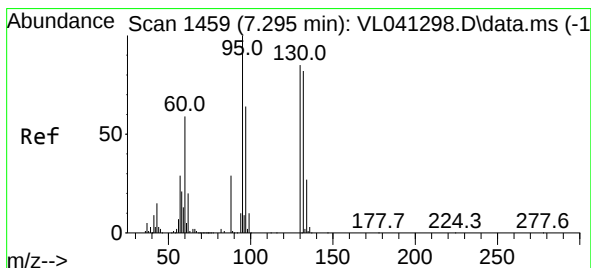
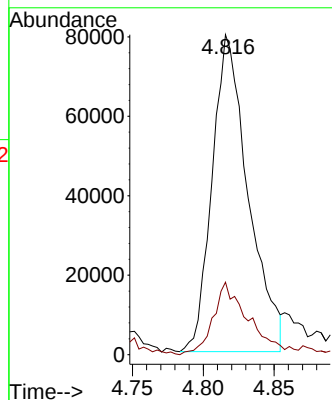
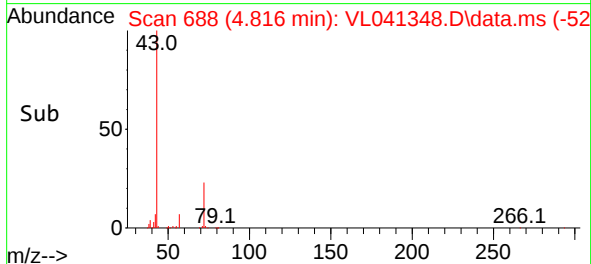
Instrument :
MSVOA_L
ClientSampleId :
SVIDL



Tgt Ion: 43 Resp: 141424
Ion Ratio Lower Upper
43 100
72 25.1 17.4 26.0

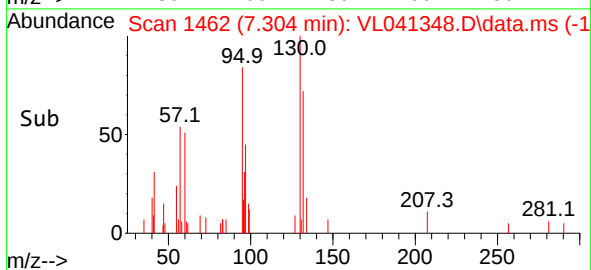
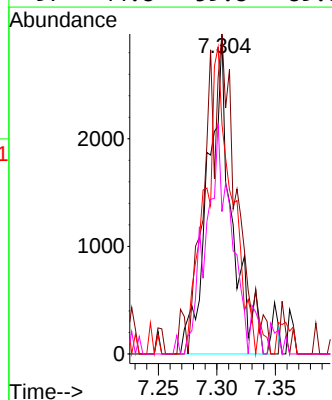
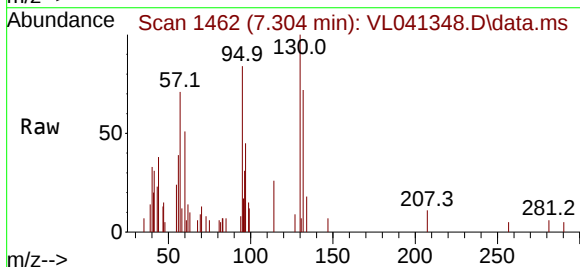
Manual Integrations
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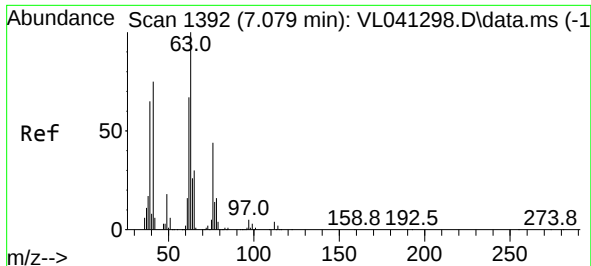
Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024



#38
Trichloroethene
Concen: 0.047 ppbv m
RT: 7.304 min Scan# 1462
Delta R.T. 0.000 min
Lab File: VL041348.D
Acq: 11 Jun 2024 15:34

Tgt Ion:130 Resp: 4348
Ion Ratio Lower Upper
130 100
95 84.0 94.0 141.0#
132 72.3 76.7 115.1#
97 44.8 59.8 89.8#





#39

1,2-Dichloropropane

Concen: 0.183 ppbv m

RT: 7.082 min Scan# 1

Delta R.T. -0.006 min

Lab File: VL041348.D

Acq: 11 Jun 2024 15:34

Instrument :

MSVOA_L

ClientSampleId :

SVIDL

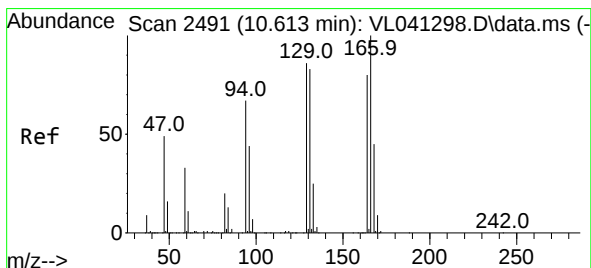
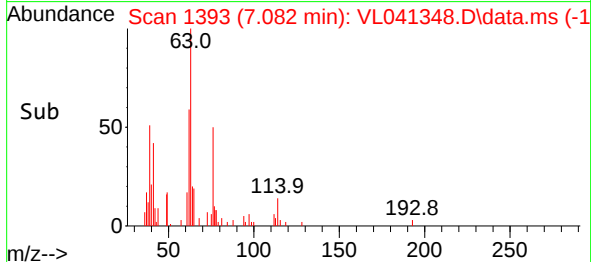
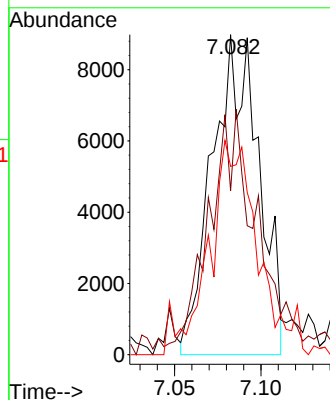
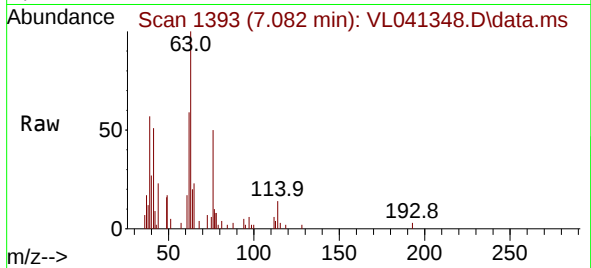
Tgt Ion: 63 Resp: 16678

Ion	Ratio	Lower	Upper
63	100		
41	51.2	59.9	89.9
62	58.9	53.8	80.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024



#52

Tetrachloroethene

Concen: 2.942 ppbv

RT: 10.622 min Scan# 2494

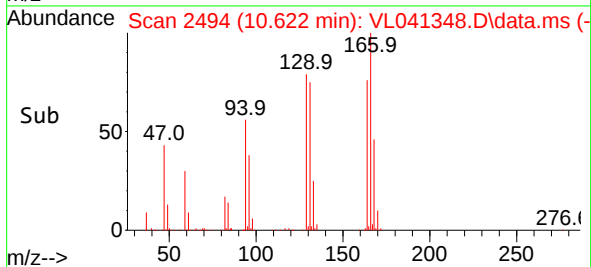
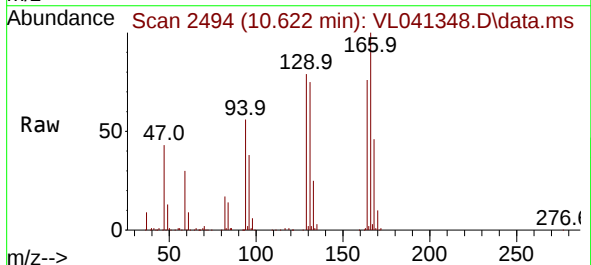
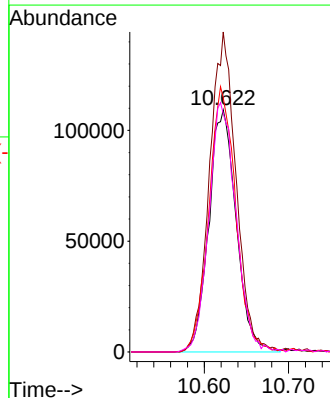
Delta R.T. -0.003 min

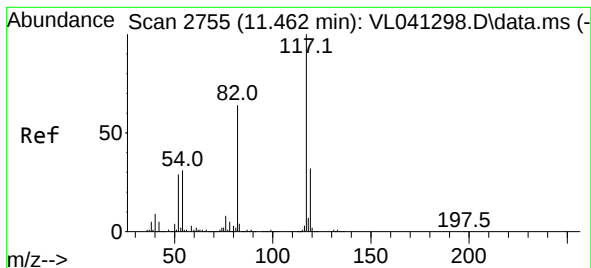
Lab File: VL041348.D

Acq: 11 Jun 2024 15:34

Tgt Ion:164 Resp: 245917

Ion	Ratio	Lower	Upper
164	100		
166	131.9	99.4	149.0
129	105.0	85.4	128.2
131	98.1	82.1	123.1





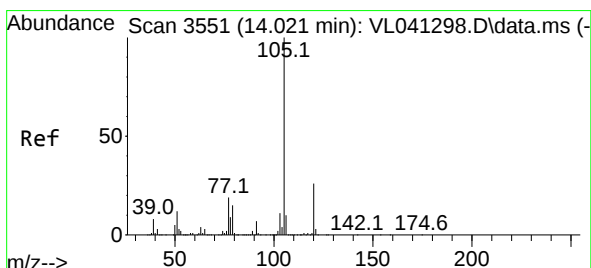
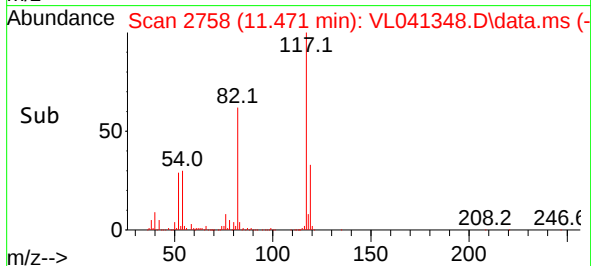
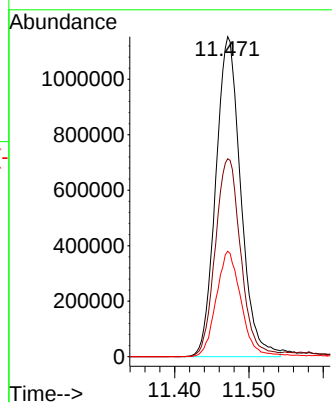
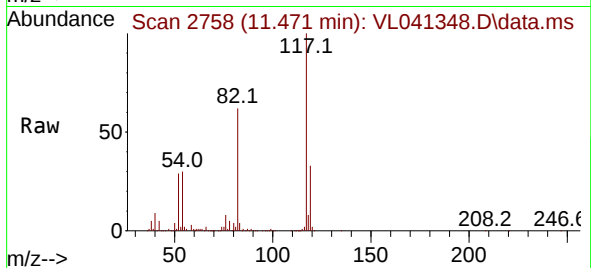
#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL041348.D
Acq: 11 Jun 2024 15:34

Instrument :
MSVOA_L
ClientSampleId :
SVIDL

Tgt Ion:117 Resp: 2694810
Ion Ratio Lower Upper
117 100
82 65.7 52.3 78.5
119 33.1 26.2 39.2

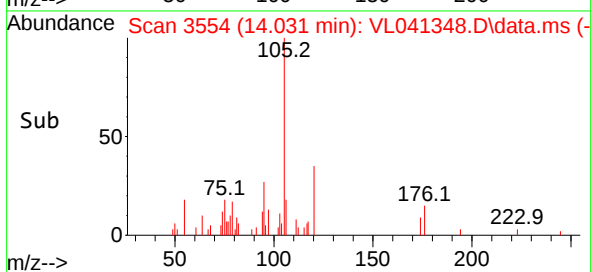
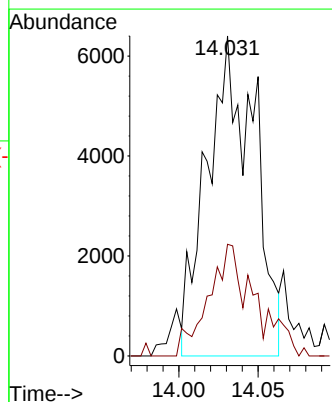
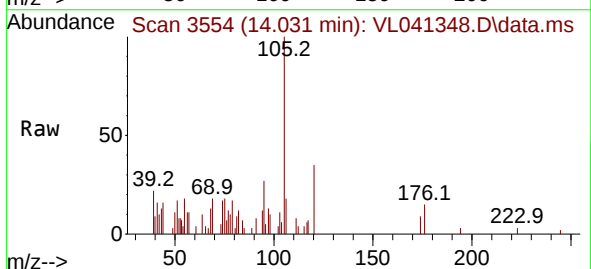
Manual Integrations
APPROVED

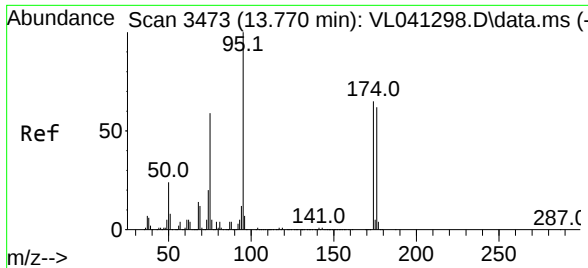
Reviewed By :Semsettin Yesilyurt 06/12/2024
Supervised By :Mahesh Dadoda 06/12/2024



#62
Isopropylbenzene
Concen: 0.031 ppbv m
RT: 14.031 min Scan# 3554
Delta R.T. -0.006 min
Lab File: VL041348.D
Acq: 11 Jun 2024 15:34

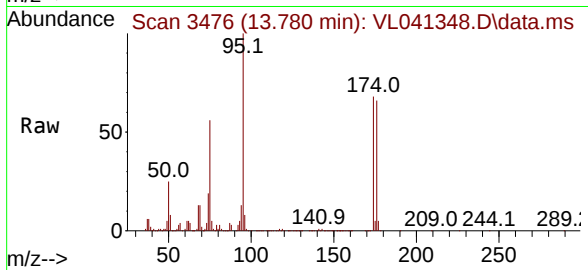
Tgt Ion:105 Resp: 13343
Ion Ratio Lower Upper
105 100
120 34.2 20.4 30.6#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.952 ppbv
 RT: 13.780 min Scan# 3476
 Delta R.T. 0.000 min
 Lab File: VL041348.D
 Acq: 11 Jun 2024 15:34

Instrument :
 MSVOA_L
 ClientSampleId :
 SVIDL



Tgt Ion: 95 Resp: 2070730
 Ion Ratio Lower Upper
 95 100
 174 70.7 52.2 78.2
 175 4.9 4.1 6.1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/12/2024
 Supervised By :Mahesh Dadoda 06/12/2024

