

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060524\
 Data File : VL041334.D
 Acq On : 5 Jun 2024 19:33
 Operator : SY/MD
 Sample : P2716-01DL 20X
 Misc : 400mL/MSVOA_L
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL

Manual Integrations
 APPROVED

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

Quant Time: Jun 06 04:42:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2
 QLast Update : Wed Jun 05 04:42:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.214	49	935398	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.674	114	2462340	10.000	ppbv	0.02
55) Chlorobenzene-d5	11.481	117	2208706	10.000	ppbv	0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.786	95	1723589	10.107	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.100%
Target Compounds						
					Qvalue	
9) Propene	2.735	41	11998m	0.228	ppbv	
13) Ethanol	3.288	45	3444m	0.251	ppbv	
15) Acetone	3.517	43	43845	0.411	ppbv #	90
20) Methylene Chloride	3.963	84	33036	0.851	ppbv	91
26) Hexane	5.234	57	44192	0.465	ppbv #	42
34) 2-Butanone	4.835	43	24847m	0.211	ppbv	
52) Tetrachloroethene	10.629	164	3876m	0.056	ppbv	

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

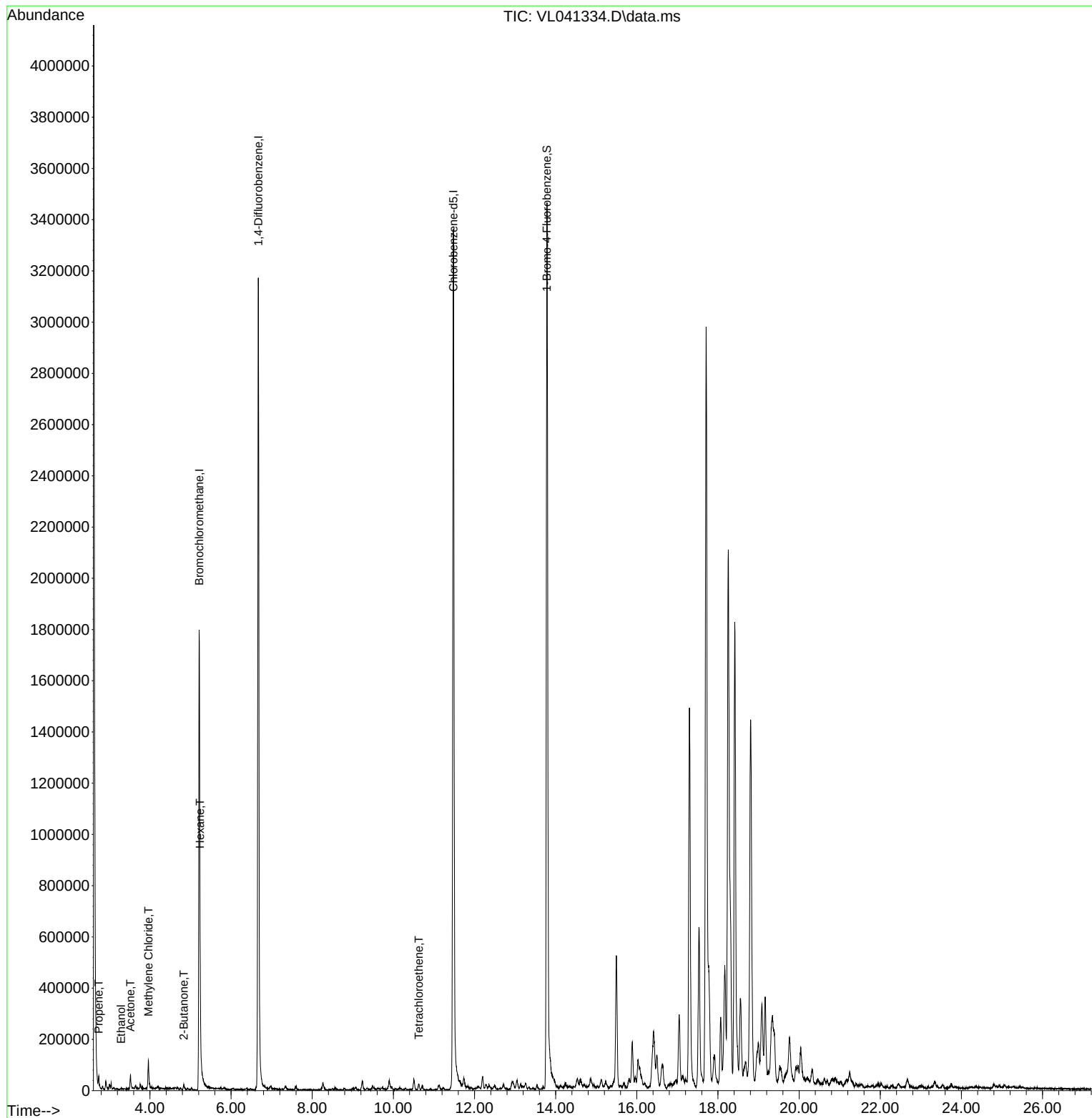
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060524\
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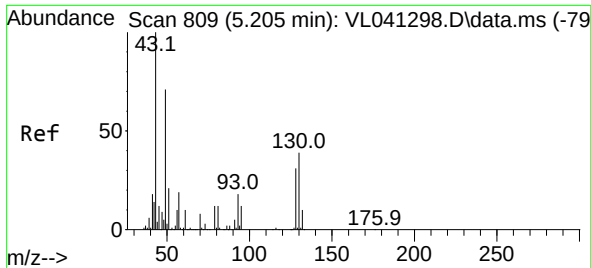
Instrument :
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ClientSampleId :
SV1DL

Quant Time: Jun 06 04:42:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL060424AIR.M
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Response via : Initial Calibration

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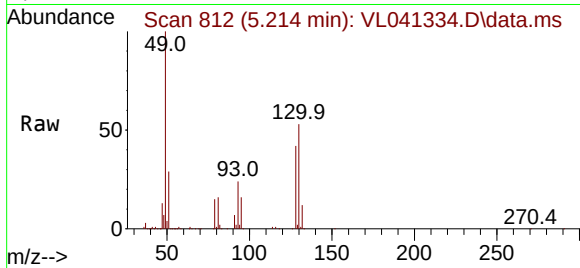
Reviewed By : Semsettin Yesilyurt 06/06/2024
Supervised By : Mahesh Dadoda 06/06/2024





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.214 min Scan# 81
Delta R.T. 0.009 min
Lab File: VL041334.D
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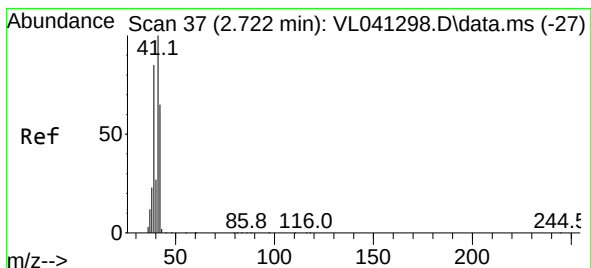
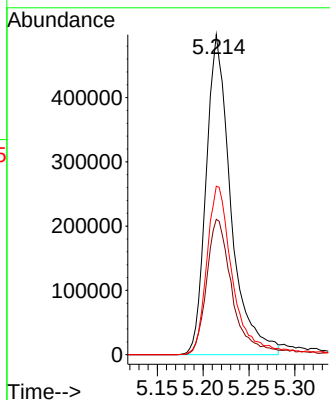
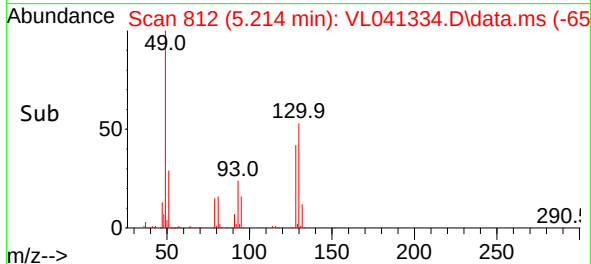
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 49 Resp: 935398
Ion Ratio Lower Upper
49 100
128 45.4 22.8 68.3
130 57.8 28.4 85.3

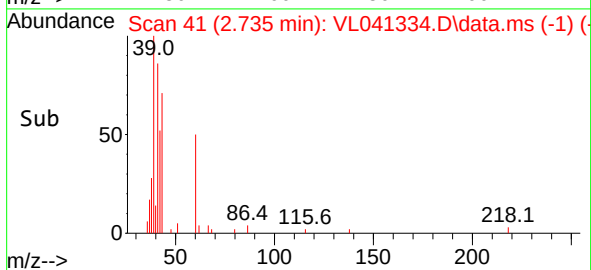
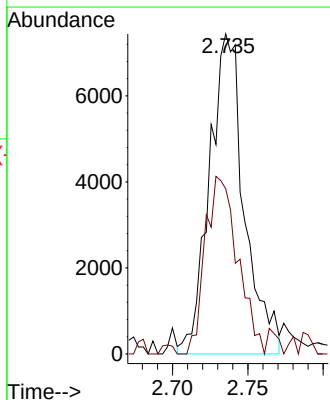
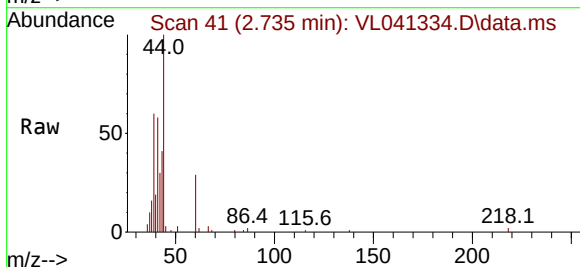
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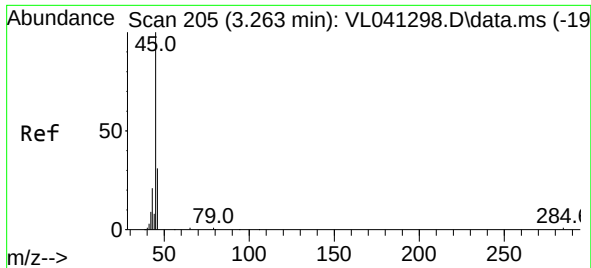
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#9
Propene
Concen: 0.228 ppbv m
RT: 2.735 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL041334.D
Acq: 5 Jun 2024 19:33

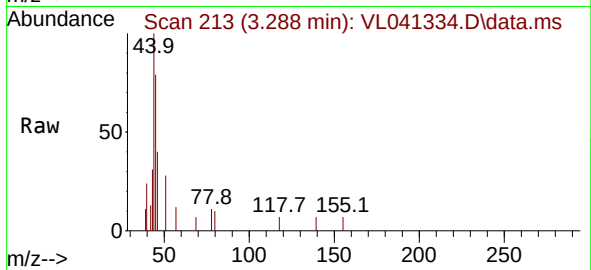
Tgt Ion: 41 Resp: 11998
Ion Ratio Lower Upper
41 100
42 54.7 55.2 82.8#





#13
Ethanol
Concen: 0.251 ppbv m
RT: 3.288 min Scan# 213
Delta R.T. 0.026 min
Lab File: VL041334.D
Acq: 5 Jun 2024 19:33

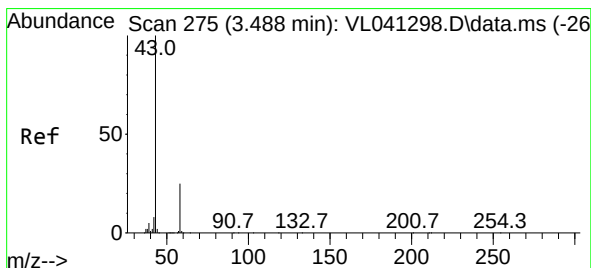
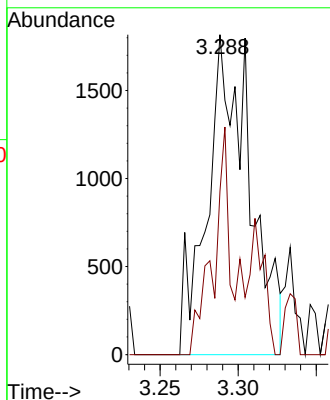
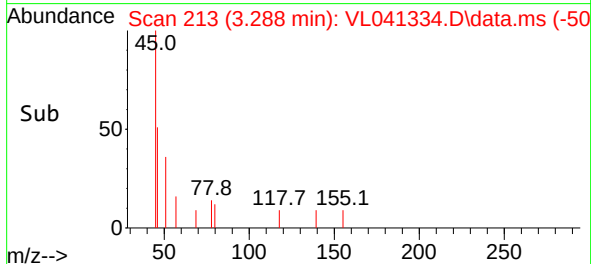
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



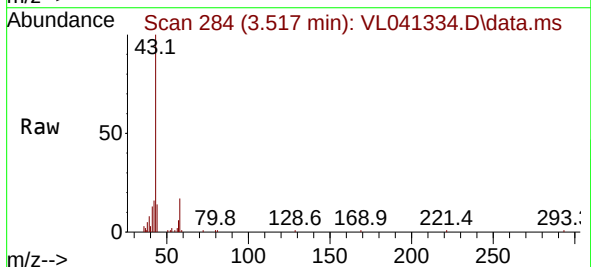
Tgt Ion: 45 Resp: 344
Ion Ratio Lower Upper
45 100
46 0.0 14.2 56.6

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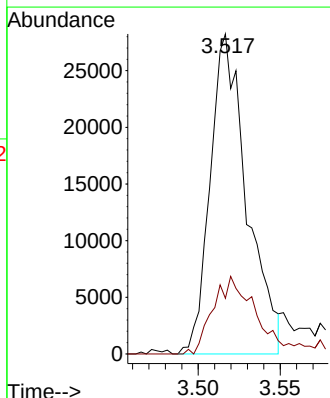
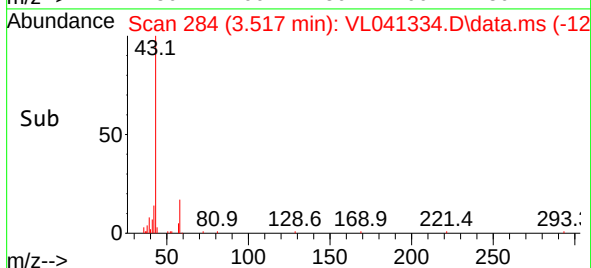
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024

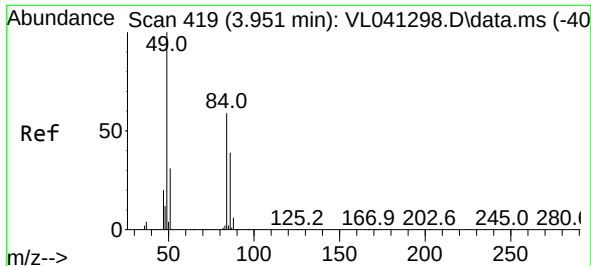


#15
Acetone
Concen: 0.411 ppbv
RT: 3.517 min Scan# 284
Delta R.T. 0.029 min
Lab File: VL041334.D
Acq: 5 Jun 2024 19:33



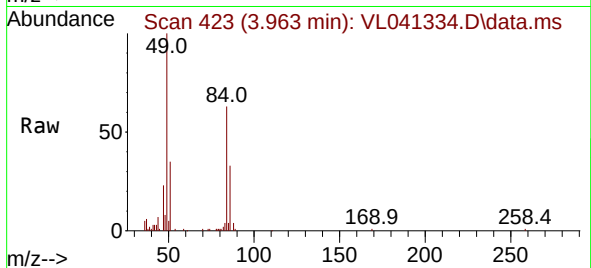
Tgt Ion: 43 Resp: 43845
Ion Ratio Lower Upper
43 100
58 31.0 20.6 31.0#





#20
Methylene Chloride
Concen: 0.851 ppbv
RT: 3.963 min Scan# 419
Delta R.T. 0.013 min
Lab File: VL041334.D
Acq: 5 Jun 2024 19:33

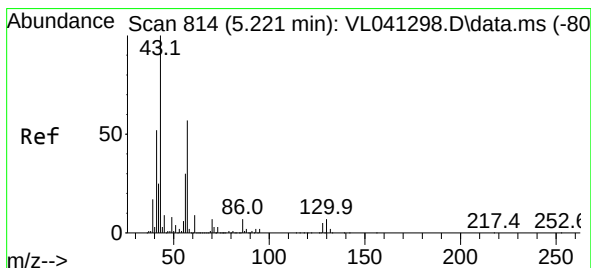
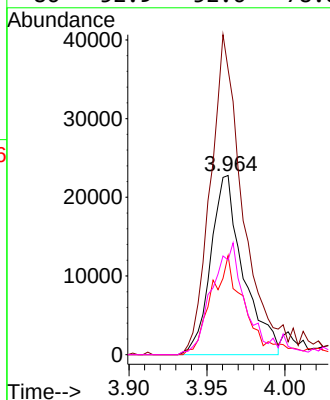
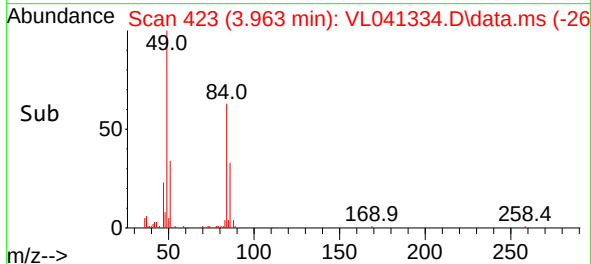
Instrument :
MSVOA_L
ClientSampleId :
SV1DL



Tgt Ion: 84 Resp: 33030
Ion Ratio Lower Upper
84 100
49 159.1 136.2 204.2
51 55.3 41.9 62.9
86 52.9 52.6 78.8

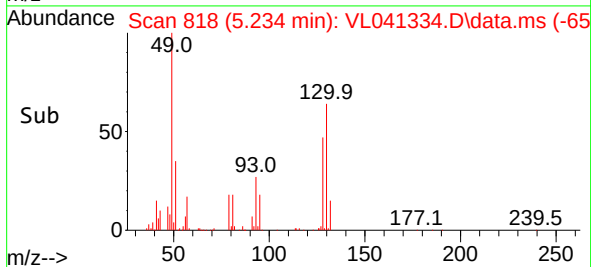
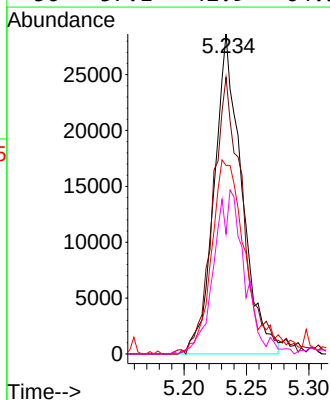
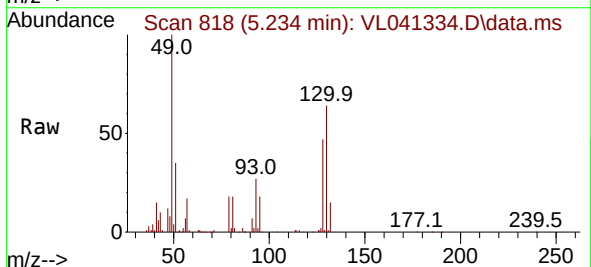
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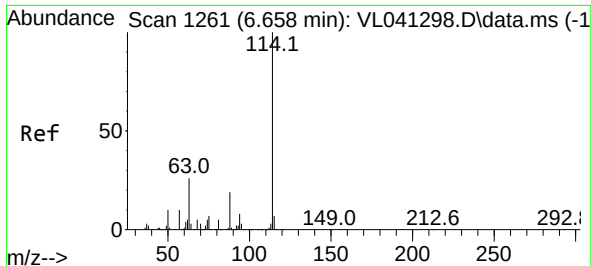
Reviewed By :Semsettin Yesilyurt 06/06/2024
Supervised By :Mahesh Dadoda 06/06/2024



#26
Hexane
Concen: 0.465 ppbv
RT: 5.234 min Scan# 818
Delta R.T. 0.013 min
Lab File: VL041334.D
Acq: 5 Jun 2024 19:33

Tgt Ion: 57 Resp: 44192
Ion Ratio Lower Upper
57 100
41 99.0 77.1 115.7
43 78.7 186.1 279.1#
56 57.1 42.9 64.3





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.674 min Scan# 114

Delta R.T. 0.016 min

Lab File: VL041334.D

Acq: 5 Jun 2024 19:33

Instrument :

MSVOA_L

ClientSampleId :

SV1DL

Tgt Ion:114 Resp: 2462340

Ion Ratio Lower Upper

114 100

63 26.1 20.6 30.8

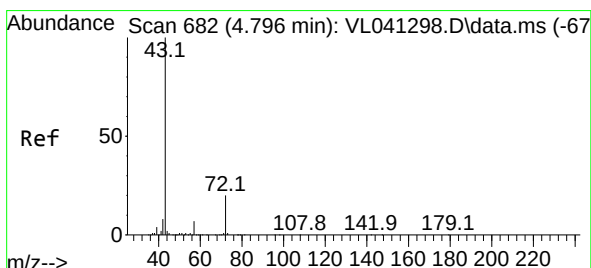
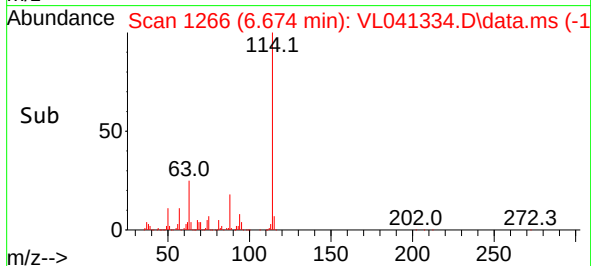
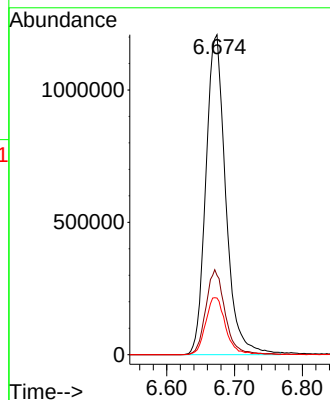
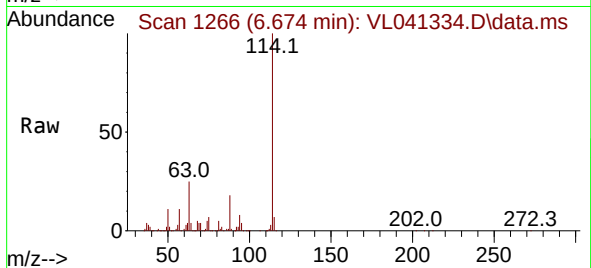
88 18.1 14.5 21.7

Manual Integrations

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#34

2-Butanone

Concen: 0.211 ppbv m

RT: 4.835 min Scan# 694

Delta R.T. 0.039 min

Lab File: VL041334.D

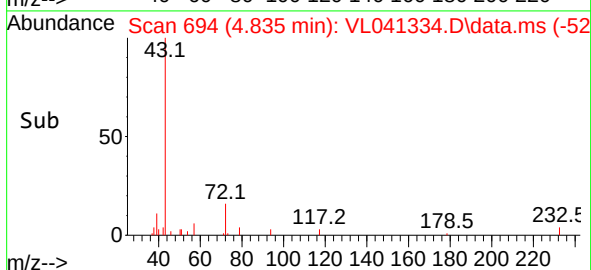
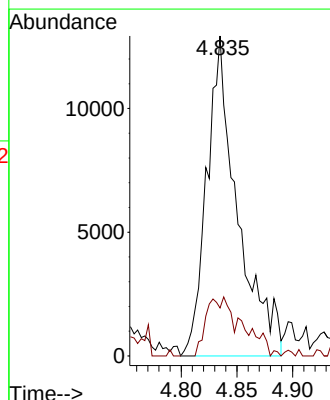
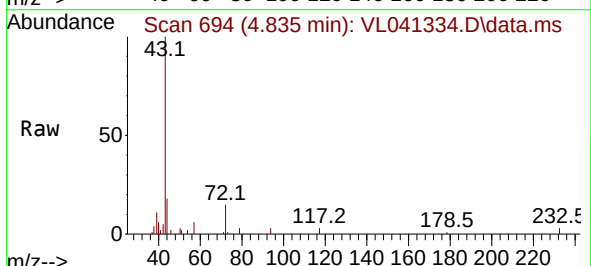
Acq: 5 Jun 2024 19:33

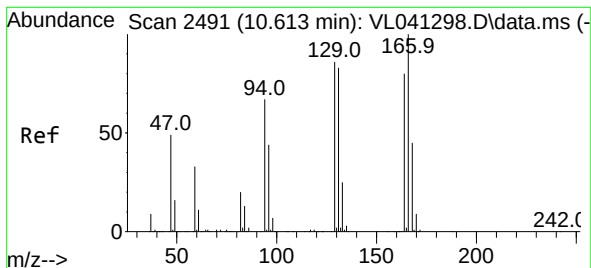
Tgt Ion: 43 Resp: 24847

Ion Ratio Lower Upper

43 100

72 22.2 17.4 26.0





#52

Tetrachloroethene

Concen: 0.056 ppbv m

RT: 10.629 min Scan# 2491

Delta R.T. 0.016 min

Lab File: VL041334.D

Acq: 5 Jun 2024 19:33

Instrument :

MSVOA_L

ClientSampleId :

SV1DL

Tgt Ion:164 Resp: 3870

Ion Ratio Lower Upper

164 100

166 73.0 99.4 149.0

129 78.8 85.4 128.2

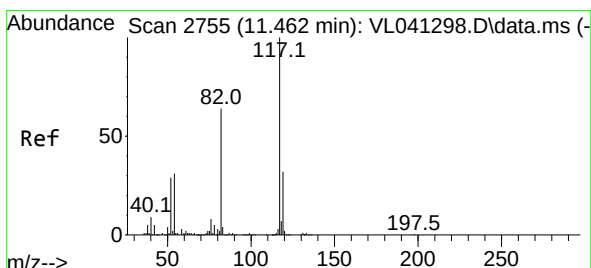
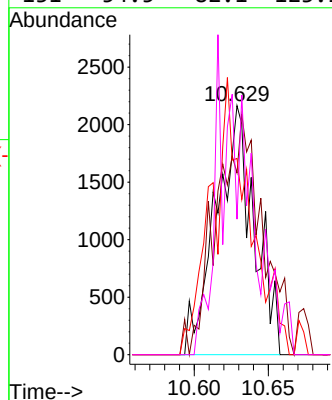
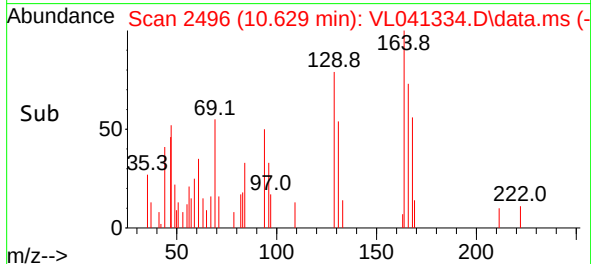
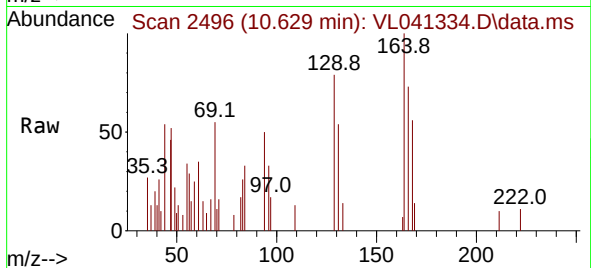
131 54.5 82.1 123.1

Manual Integrations

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#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.481 min Scan# 2761

Delta R.T. 0.019 min

Lab File: VL041334.D

Acq: 5 Jun 2024 19:33

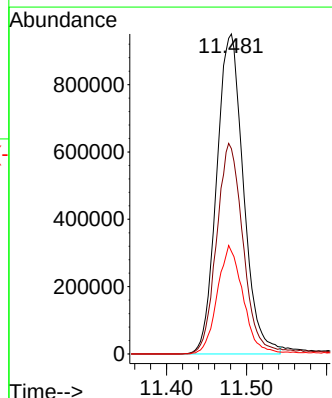
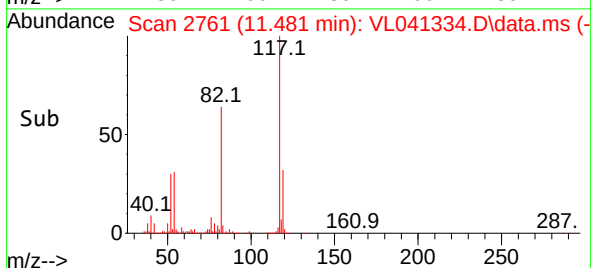
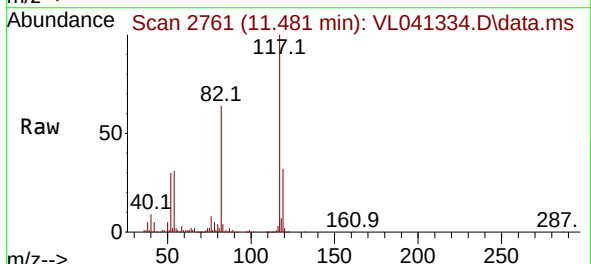
Tgt Ion:117 Resp: 2208706

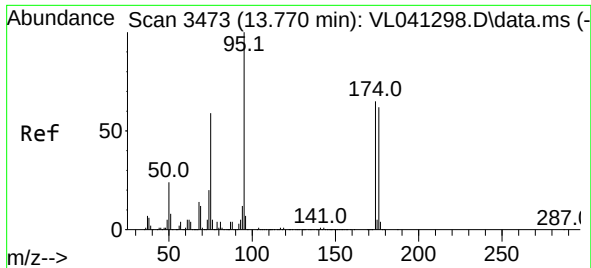
Ion Ratio Lower Upper

117 100

82 67.0 52.3 78.5

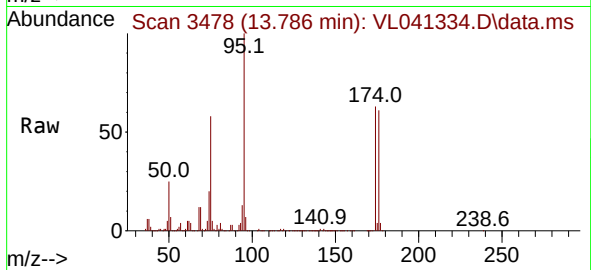
119 33.4 26.2 39.2





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.107 ppbv
 RT: 13.786 min Scan# 3478
 Delta R.T. 0.016 min
 Lab File: VL041334.D
 Acq: 5 Jun 2024 19:33

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1DL



Tgt Ion: 95 Resp: 1723589
 Ion Ratio Lower Upper
 95 100
 174 66.6 52.2 78.2
 175 5.0 4.1 6.1

Manual Integrations
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