

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082224\
 Data File : VL041586.D
 Acq On : 22 Aug 2024 14:14
 Operator : SY/MD
 Sample : P3710-03DL 10X
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 CD132DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/23/2024
 Supervised By :Mahesh Dadoda 08/23/2024

Quant Time: Aug 23 01:32:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 23 15:15:50 2024
 QLast Update : Fri Aug 23 01:15:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	889754	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.652	114	2364531	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.458	117	2147832	10.000	ppbv	# 0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1612195	9.754	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.500%
Target Compounds						
					Qvalue	
9) Propene	2.722	41	19059	0.392	ppbv #	82
13) Ethanol	3.259	45	266593m	61.301	ppbv	
15) Acetone	3.484	43	521292	5.156	ppbv	98
19) Isopropyl Alcohol	3.591	45	257406	4.355	ppbv #	94
20) Methylene Chloride	3.947	84	39791	1.056	ppbv	91
25) Ethyl Acetate	5.217	43	48825m	0.243	ppbv	
34) 2-Butanone	4.803	43	20347	0.178	ppbv #	86
52) Tetrachloroethene	10.606	164	10862m	0.163	ppbv	
53) Toluene	9.217	91	79420	0.413	ppbv	95

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

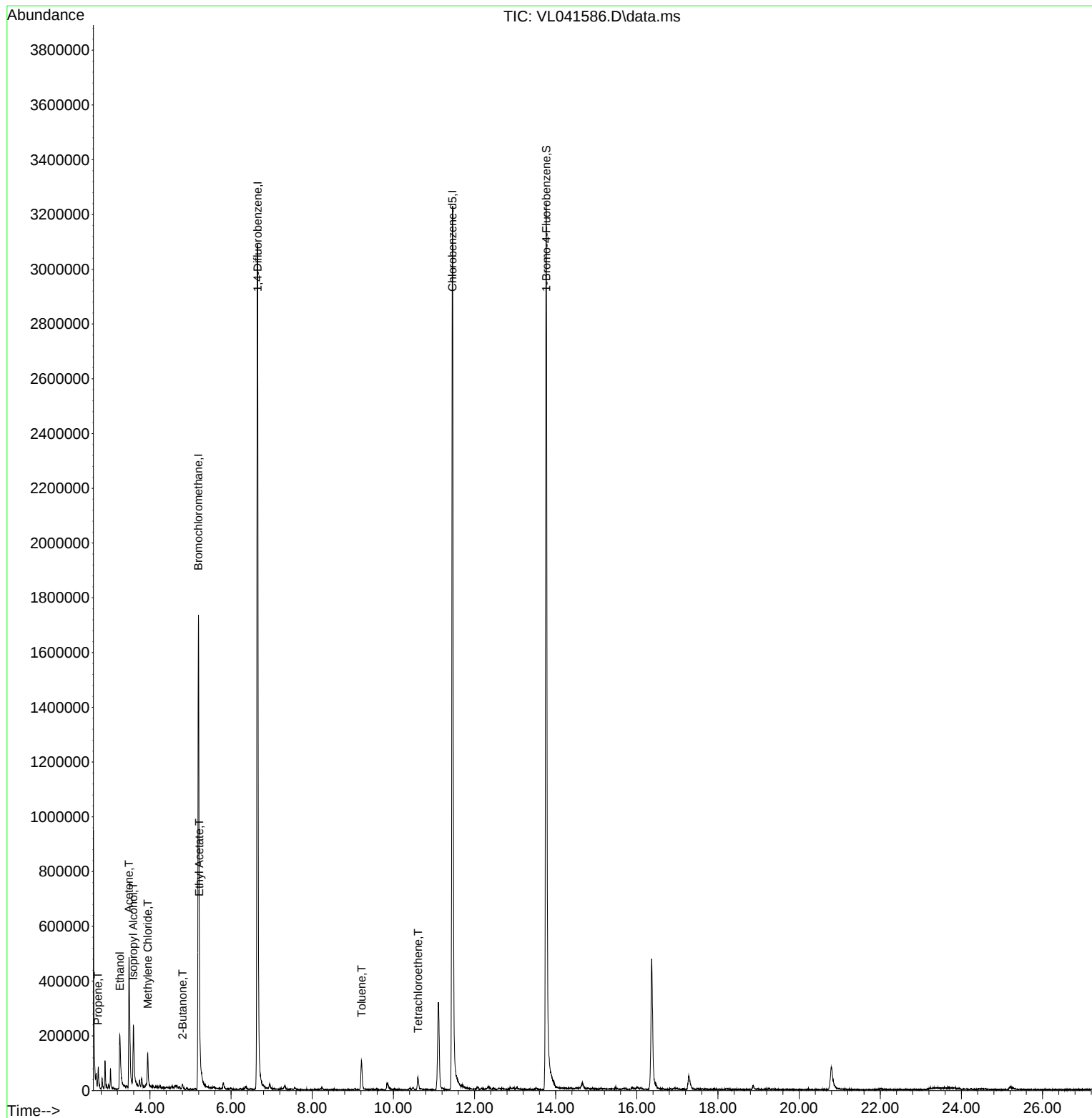
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL082224\
Data File : VL041586.D
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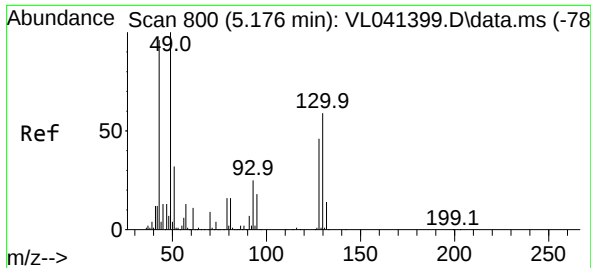
Instrument :
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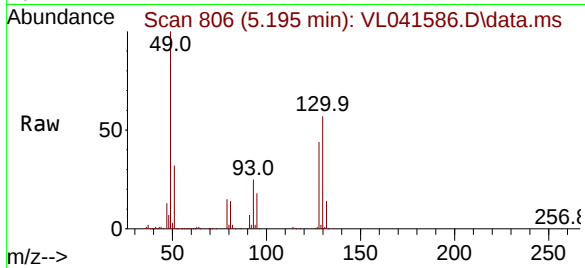
Quant Time: Aug 23 01:32:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL072524AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Fri Aug 23 01:15:26 2024
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL041586.D
Acq: 22 Aug 2024 14:14

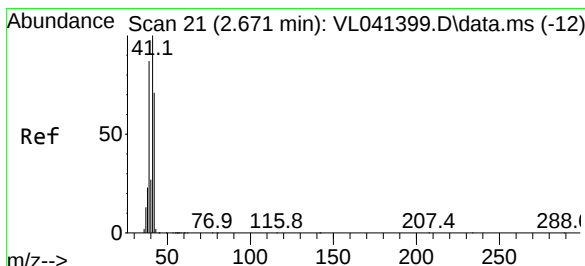
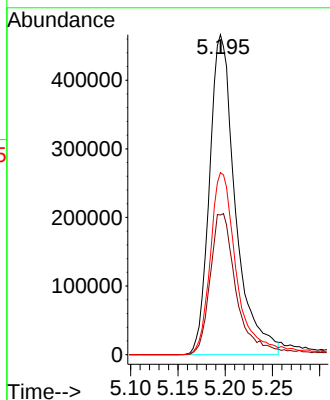
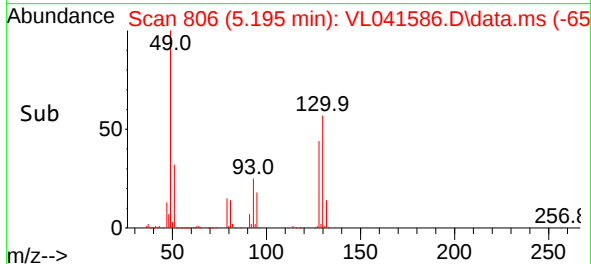
Instrument :
MSVOA_L
ClientSampleId :
CD132DL



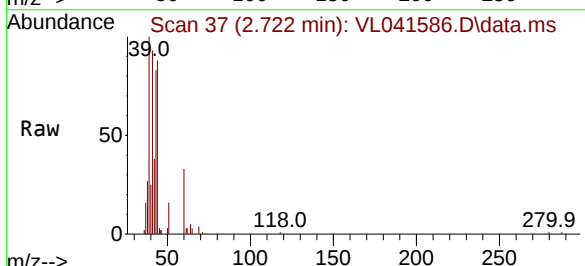
Tgt Ion: 49 Resp: 889754
Ion Ratio Lower Upper
49 100
128 45.9 23.8 71.4
130 59.6 30.8 92.4

Manual Integrations
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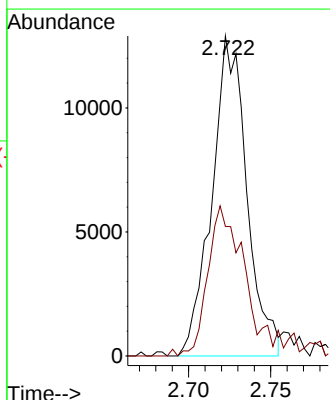
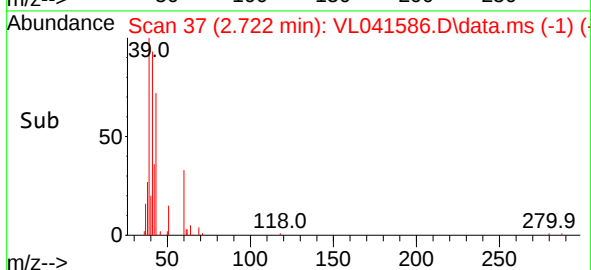
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024

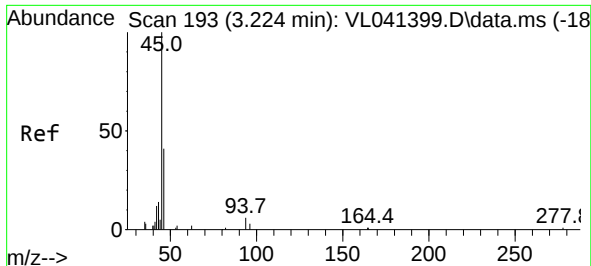


#9
Propene
Concen: 0.392 ppbv
RT: 2.722 min Scan# 37
Delta R.T. 0.013 min
Lab File: VL041586.D
Acq: 22 Aug 2024 14:14



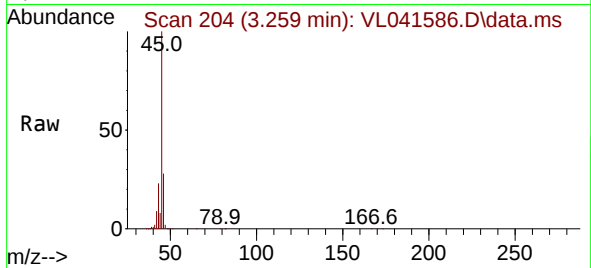
Tgt Ion: 41 Resp: 19059
Ion Ratio Lower Upper
41 100
42 55.4 55.9 83.9#





#13
Ethanol
Concen: 61.301 ppbv m
RT: 3.259 min Scan# 204
Delta R.T. -0.003 min
Lab File: VL041586.D
Acq: 22 Aug 2024 14:14

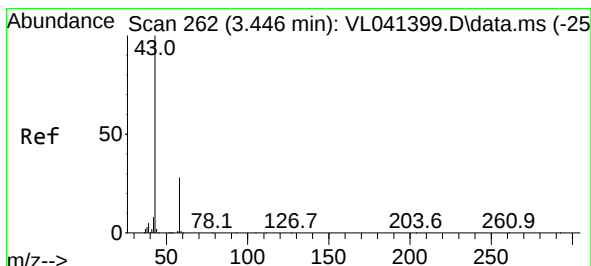
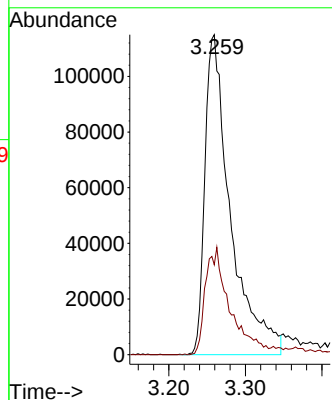
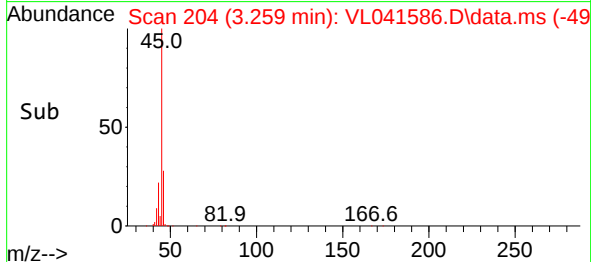
Instrument :
MSVOA_L
ClientSampleId :
CD132DL



Tgt Ion: 45 Resp: 266593
Ion Ratio Lower Upper
45 100
46 35.8 13.4 53.4

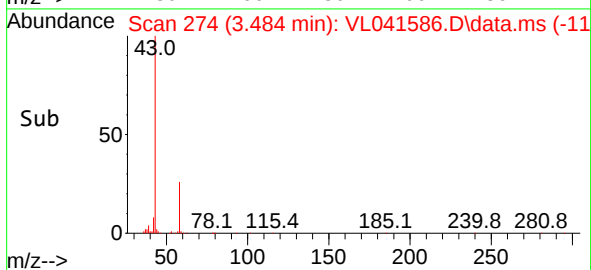
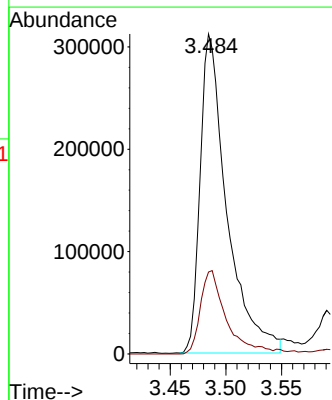
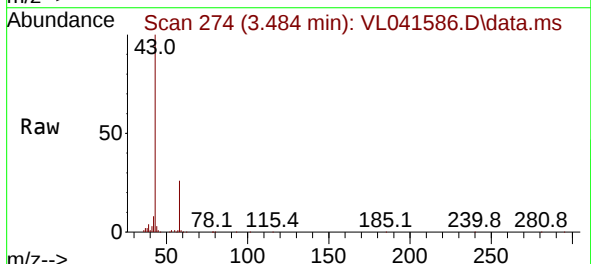
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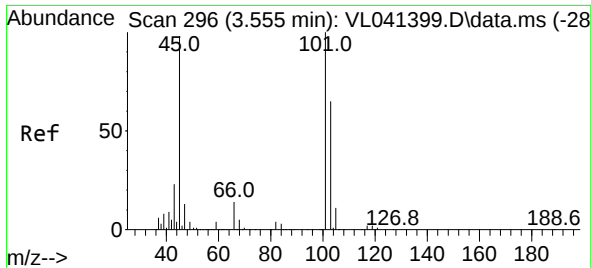
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#15
Acetone
Concen: 5.156 ppbv
RT: 3.484 min Scan# 274
Delta R.T. 0.006 min
Lab File: VL041586.D
Acq: 22 Aug 2024 14:14

Tgt Ion: 43 Resp: 521292
Ion Ratio Lower Upper
43 100
58 25.9 21.4 32.2





#19

Isopropyl Alcohol

Concen: 4.355 ppbv

RT: 3.591 min Scan# 307

Delta R.T. 0.006 min

Lab File: VL041586.D

Acq: 22 Aug 2024 14:14

Instrument :

MSVOA_L

ClientSampleId :

CD132DL

Tgt Ion: 45 Resp: 257400

Ion Ratio Lower Upper

45 100

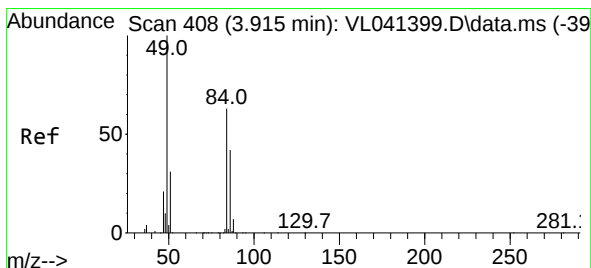
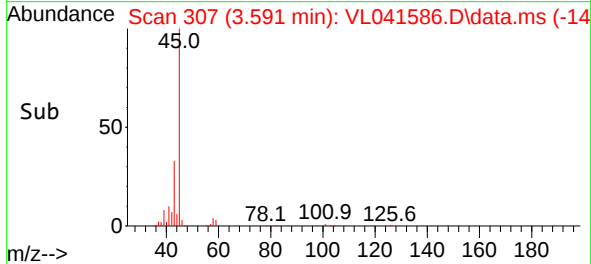
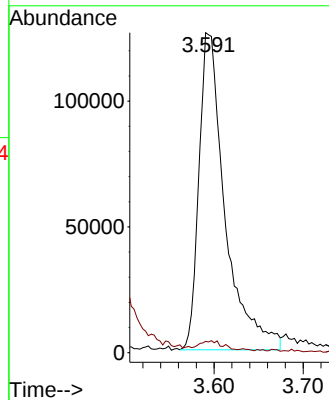
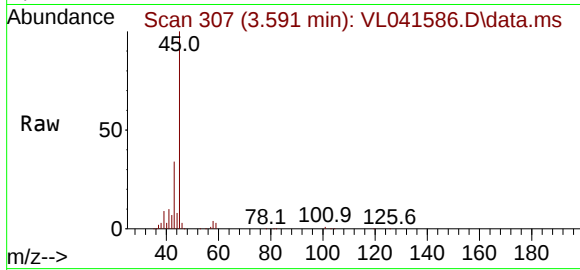
58 4.4 1.9 2.9

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#20

Methylene Chloride

Concen: 1.056 ppbv

RT: 3.947 min Scan# 418

Delta R.T. 0.010 min

Lab File: VL041586.D

Acq: 22 Aug 2024 14:14

Tgt Ion: 84 Resp: 39791

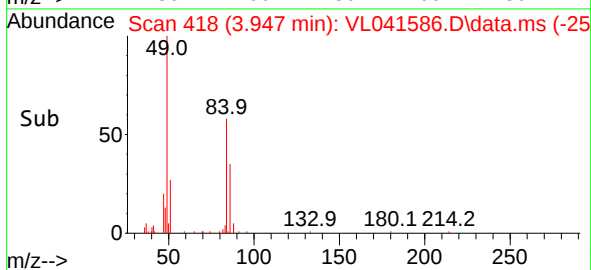
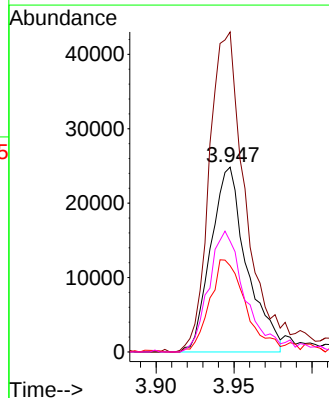
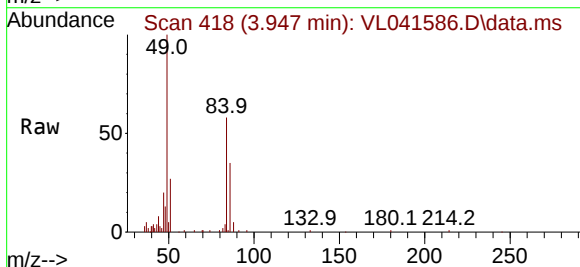
Ion Ratio Lower Upper

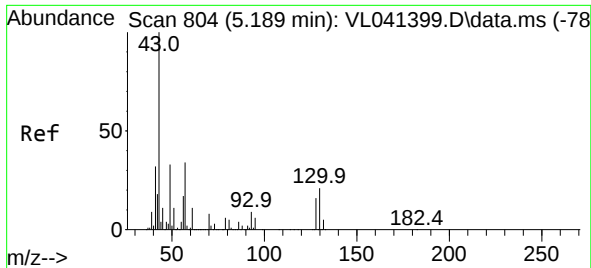
84 100

49 172.4 126.6 190.0

51 46.7 38.6 58.0

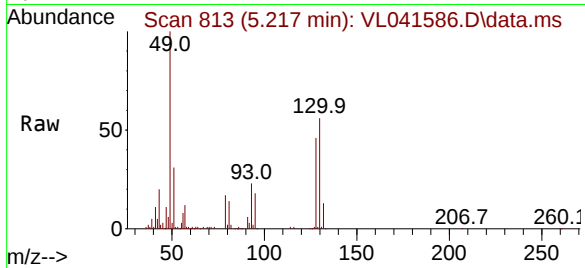
86 60.0 53.0 79.4





#25
Ethyl Acetate
Concen: 0.243 ppbv m
RT: 5.217 min Scan# 813
Delta R.T. 0.013 min
Lab File: VL041586.D
Acq: 22 Aug 2024 14:14

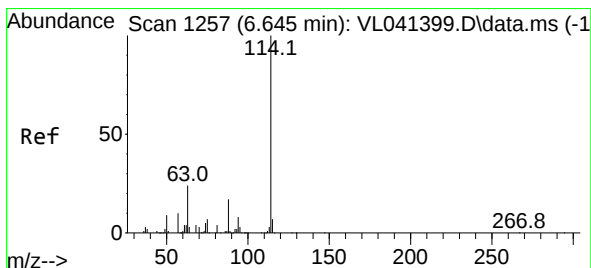
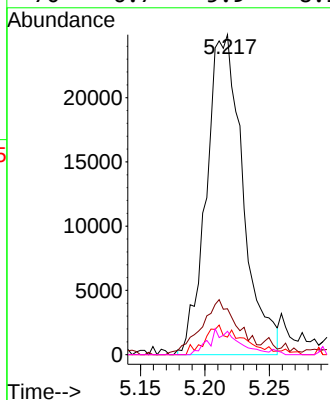
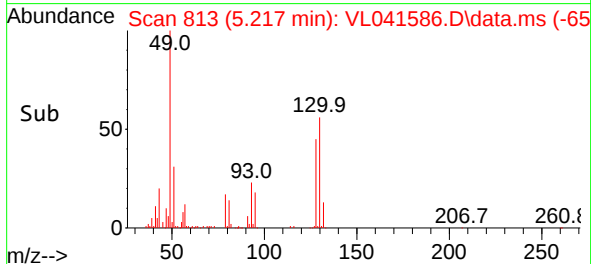
Instrument :
MSVOA_L
ClientSampleId :
CD132DL



Tgt Ion: 43	Resp: 4882
Ion Ratio	Lower Upper
43	100
45	19.9 8.5 12.7
61	9.8 8.0 12.0
70	6.7 5.9 8.9

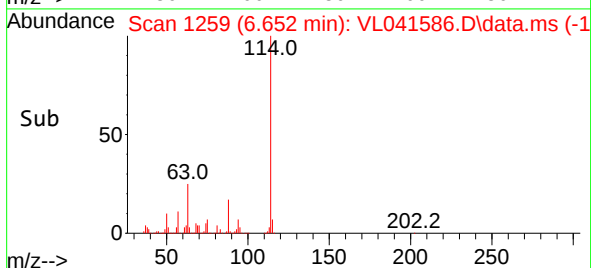
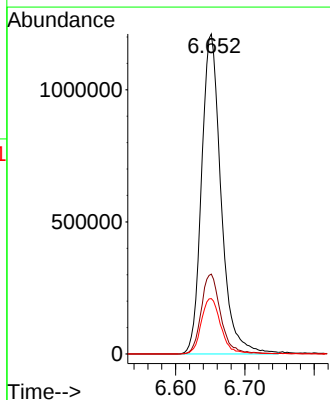
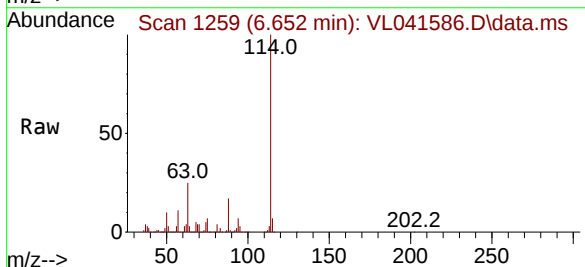
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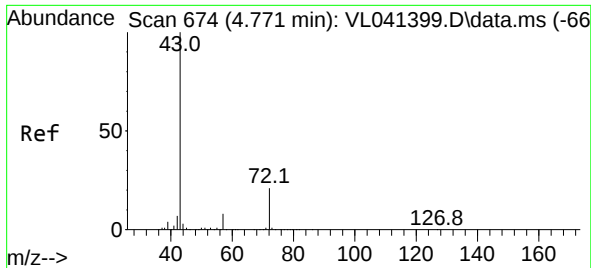
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.652 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VL041586.D
Acq: 22 Aug 2024 14:14

Tgt Ion: 114	Resp: 2364531
Ion Ratio	Lower Upper
114	100
63	25.2 20.3 30.5
88	17.6 14.3 21.5





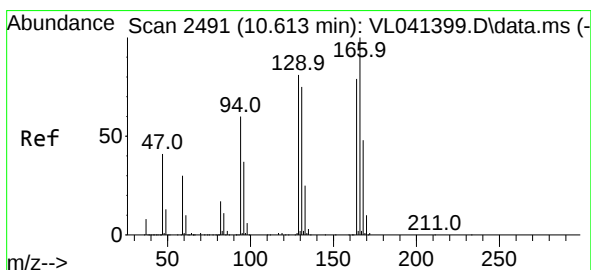
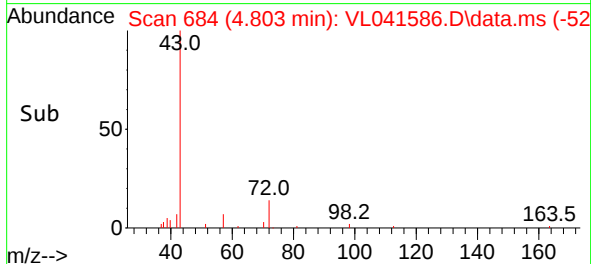
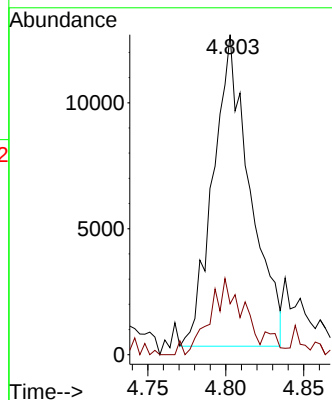
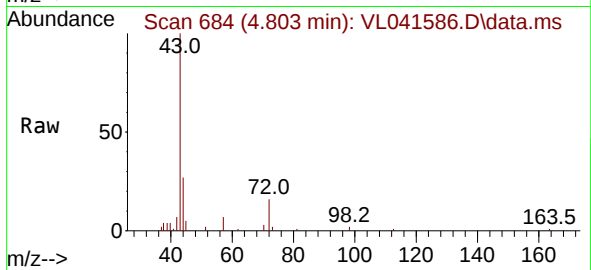
#34
2-Butanone
Concen: 0.178 ppbv
RT: 4.803 min Scan# 61
Delta R.T. 0.016 min
Lab File: VL041586.D
Acq: 22 Aug 2024 14:14

Instrument :
MSVOA_L
ClientSampleId :
CD132DL

Tgt Ion: 43 Resp: 2034
Ion Ratio Lower Upper
43 100
72 28.4 17.3 25.9

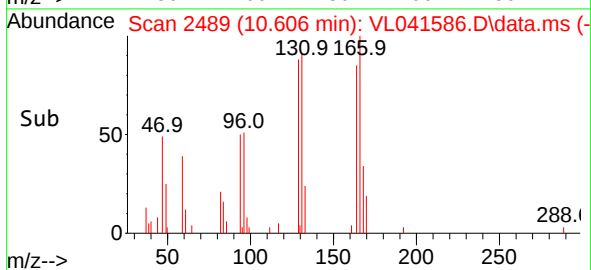
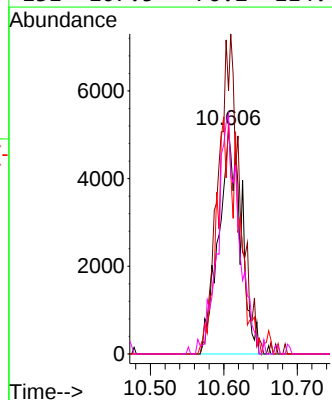
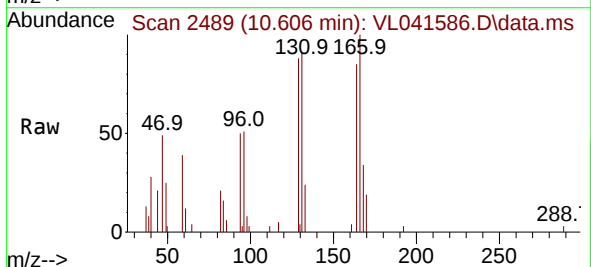
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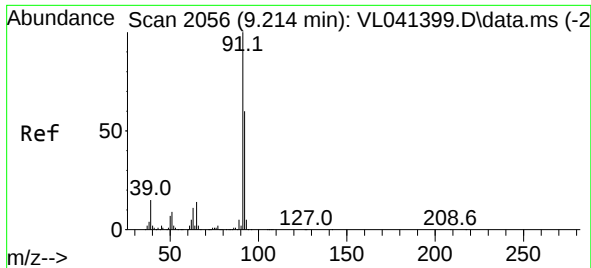
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#52
Tetrachloroethene
Concen: 0.163 ppbv m
RT: 10.606 min Scan# 2489
Delta R.T. -0.000 min
Lab File: VL041586.D
Acq: 22 Aug 2024 14:14

Tgt Ion:164 Resp: 10862
Ion Ratio Lower Upper
164 100
166 117.6 101.1 151.7
129 103.9 81.7 122.5
131 107.5 76.2 114.4





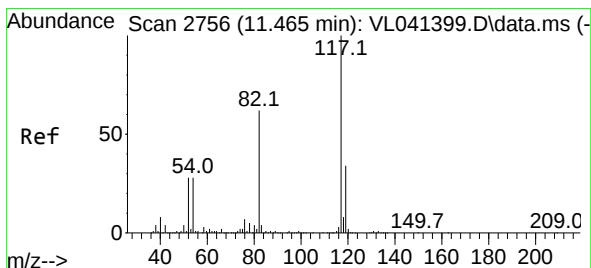
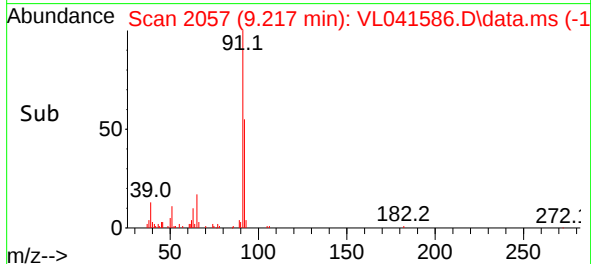
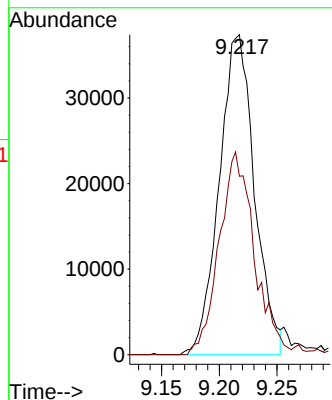
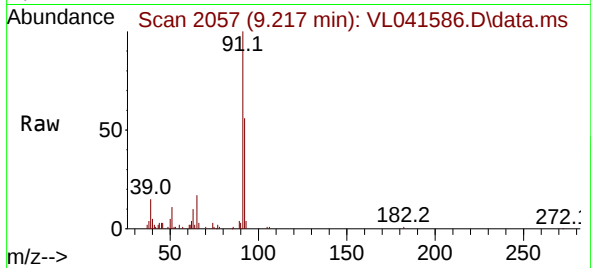
#53
Toluene
Concen: 0.413 ppbv
RT: 9.217 min Scan# 2056
Delta R.T. 0.006 min
Lab File: VL041586.D
Acq: 22 Aug 2024 14:14

Instrument :
MSVOA_L
ClientSampleId :
CD132DL

Tgt Ion: 91 Resp: 79420
Ion Ratio Lower Upper
91 100
92 64.6 48.7 73.1

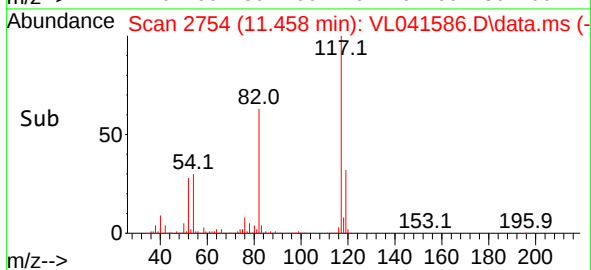
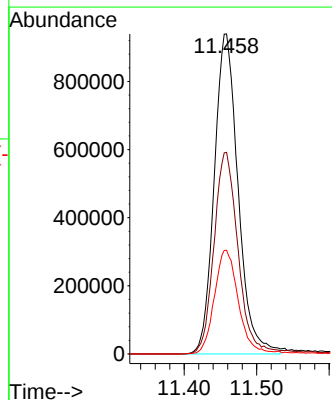
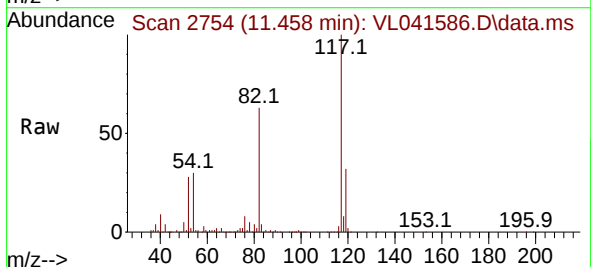
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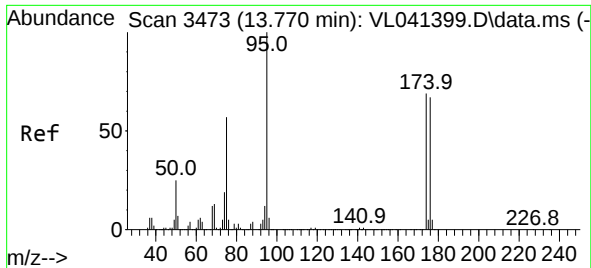
Reviewed By :Semsettin Yesilyurt 08/23/2024
Supervised By :Mahesh Dadoda 08/23/2024



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.458 min Scan# 2754
Delta R.T. 0.003 min
Lab File: VL041586.D
Acq: 22 Aug 2024 14:14

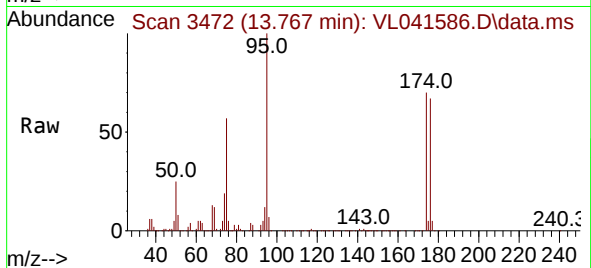
Tgt Ion:117 Resp: 2147832
Ion Ratio Lower Upper
117 100
82 65.2 51.0 76.6
119 33.2 45.2 67.8#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.754 ppbv
 RT: 13.767 min Scan# 3472
 Delta R.T. 0.003 min
 Lab File: VL041586.D
 Acq: 22 Aug 2024 14:14

Instrument :
 MSVOA_L
 ClientSampleId :
 CD132DL



Tgt Ion: 95 Resp: 161219
 Ion Ratio Lower Upper
 95 100
 174 72.3 56.3 84.5
 175 5.1 4.0 6.0

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