

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110722\
 Data File : VL039838.D
 Acq On : 7 Nov 2022 13:42
 Operator : SY/AP
 Sample : M4526-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 E058-1100

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/09/2022
 Supervised By : Mahesh Dadoda 11/09/2022

Quant Time: Nov 08 06:13:39 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M

Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Fri Aug 2022

QLast Update : Thu Nov 03 09:27:12 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.198	49	1010753	10.000	ppbv	0.01
33) 1,4-Difluorobenzene	6.655	114	2550925	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.465	117	2340041	10.000	ppbv	0.01
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.767	95	1754135	10.015	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 100.100%	
Target Compounds						Qvalue
5) Vinyl Chloride	2.938	62	1744278	28.716	ppbv	96
10) Heptane	7.581	43	4387028	29.169	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.079	101	2508125	24.953	ppbv	98
14) Bromoethene	3.382	108	35700	0.793	ppbv #	86
15) Acetone	3.501	43	59106	0.480	ppbv	91
20) Methylene Chloride	3.947	84	188277	4.278	ppbv	93
24) 1,1-Dichloroethane	4.574	63	3022174	30.187	ppbv	100
26) Hexane	5.221	57	4255600	37.663	ppbv #	37
30) Cyclohexane	6.603	84	2783531	29.460	ppbv	93
32) 1,1,1-Trichloroethane	6.002	97	28370m	0.179	ppbv	
36) Benzene	6.372	78	5069686	23.560	ppbv	96
37) 1,2-Dichloroethane	5.809	62	20553m	0.199	ppbv	
42) Bromodichloromethane	7.246	83	77339	0.469	ppbv	98
47) 1,1,2-Trichloroethane	8.893	97	17113m	0.202	ppbv	
48) Dibromochloromethane	9.703	129	2437946	16.853	ppbv	99
53) Toluene	9.217	91	5534173	22.418	ppbv	97
54) 1,2-Dibromoethane	10.005	107	4648024	49.332	ppbv	98
59) m/p-Xylene	12.372	91	36331m	0.138	ppbv	
60) o-Xylene	13.050	91	25074m	0.100	ppbv	

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

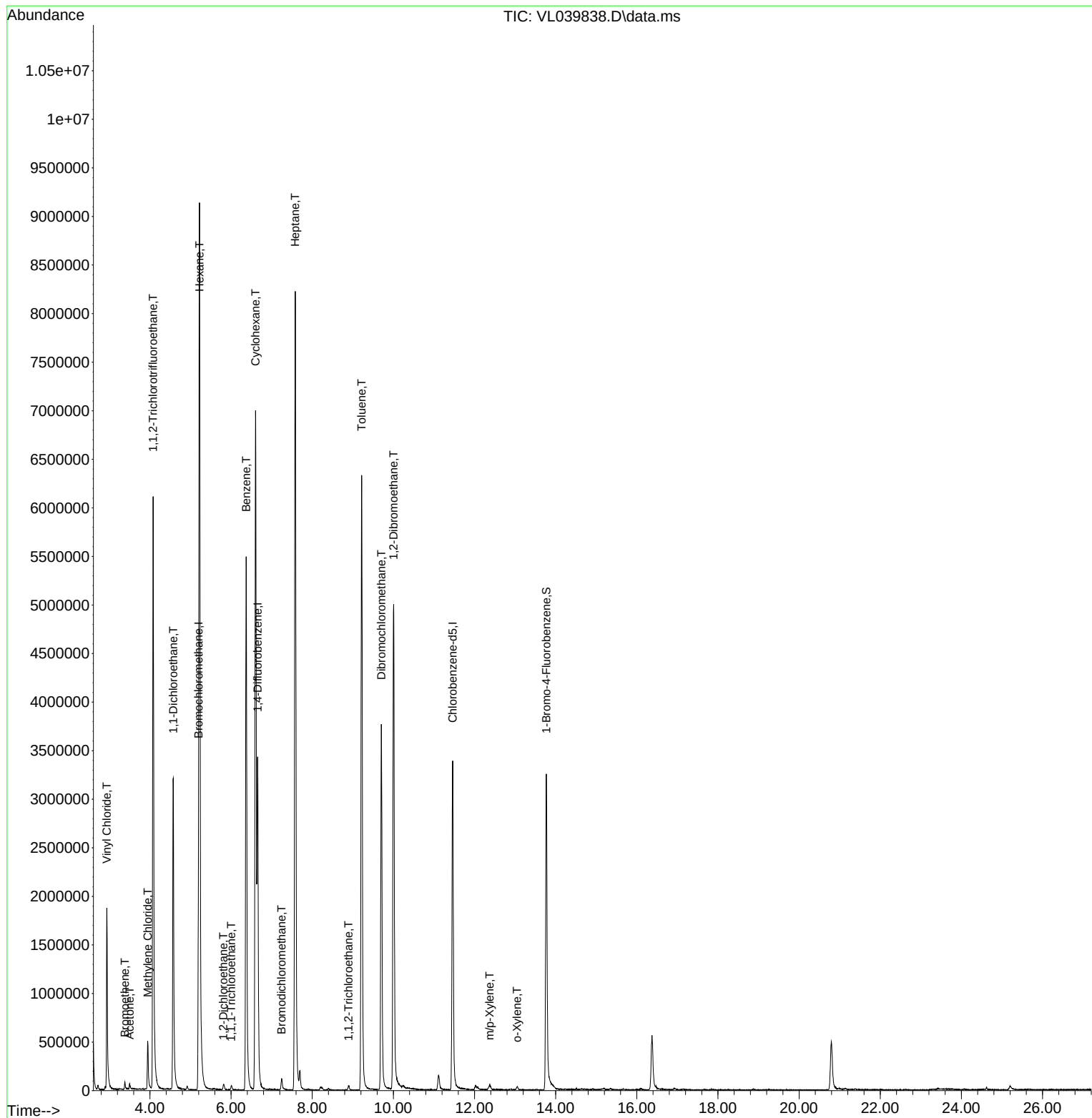
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110722\
Data File : VL039838.D
Acq On : 7 Nov 2022 13:42
Operator : SY/AP
Sample : M4526-01
Misc : 400mL/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

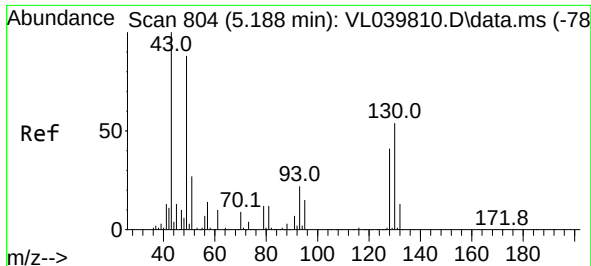
Instrument :
MSVOA_L
ClientSampleId :
E058-1100

Quant Time: Nov 08 06:13:39 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL110222AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Thu Nov 03 09:27:12 2022
Response via : Initial Calibration

Manual Integrations
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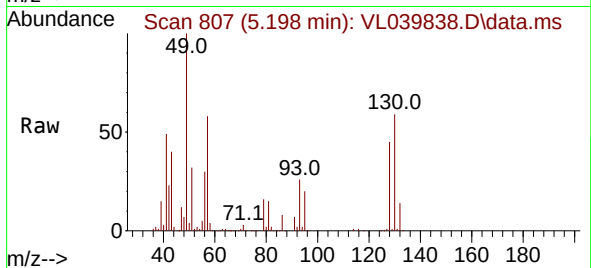
Reviewed By : Semsettin Yesilyurt 11/09/2022
Supervised By : Mahesh Dadoda 11/09/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.198 min Scan# 804
Delta R.T. 0.010 min
Lab File: VL039838.D
Acq: 7 Nov 2022 13:42

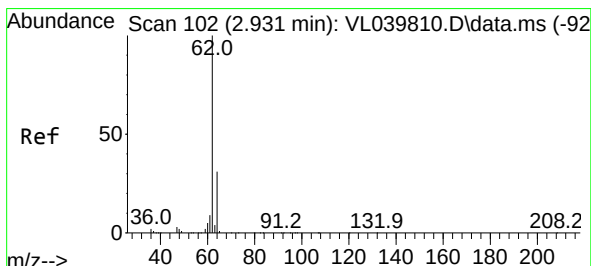
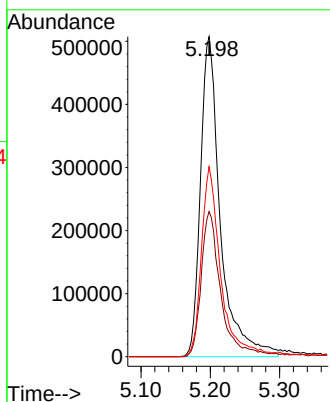
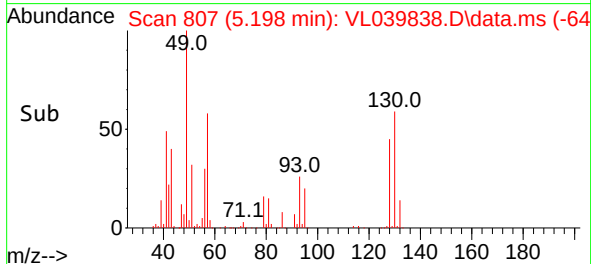
Instrument :
MSVOA_L
ClientSampleId :
E058-1100



Tgt Ion: 49 Resp: 101075
Ion Ratio Lower Upper
49 100
128 46.1 24.6 73.6
130 58.9 31.1 93.2

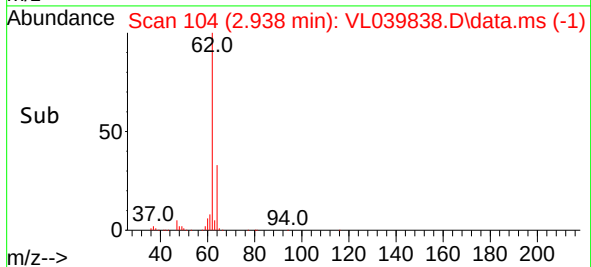
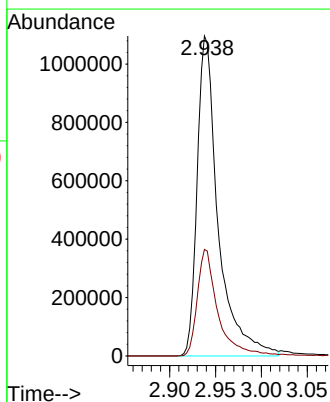
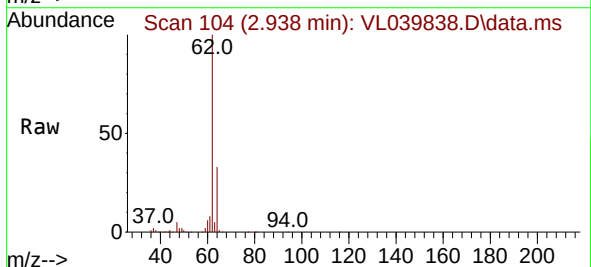
Manual Integrations
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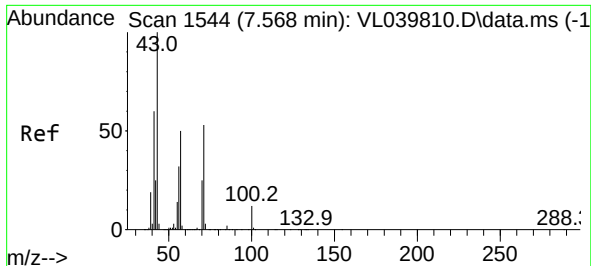
Reviewed By :Semsettin Yesilyurt 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#5
Vinyl Chloride
Concen: 28.716 ppbv
RT: 2.938 min Scan# 104
Delta R.T. 0.007 min
Lab File: VL039838.D
Acq: 7 Nov 2022 13:42

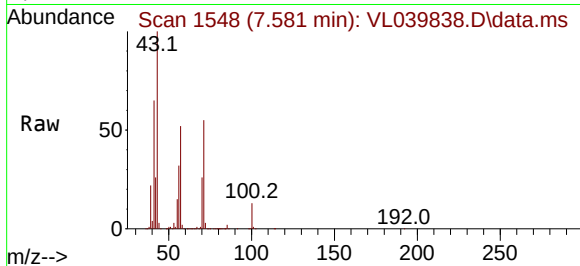
Tgt Ion: 62 Resp: 1744278
Ion Ratio Lower Upper
62 100
64 33.2 25.0 37.4





#10
Heptane
Concen: 29.169 ppbv
RT: 7.581 min Scan# 11
Delta R.T. 0.013 min
Lab File: VL039838.D
Acq: 7 Nov 2022 13:42

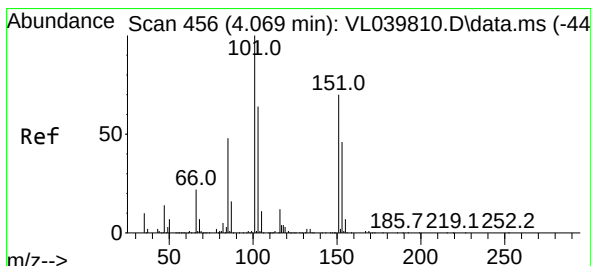
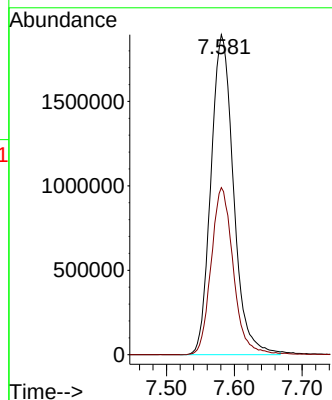
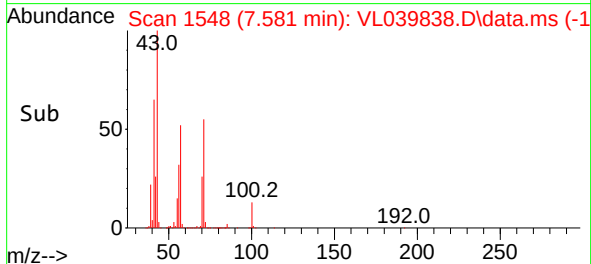
Instrument :
MSVOA_L
ClientSampleId :
E058-1100



Tgt Ion: 43 Resp: 4387028
Ion Ratio Lower Upper
43 100
57 51.4 40.5 60.7

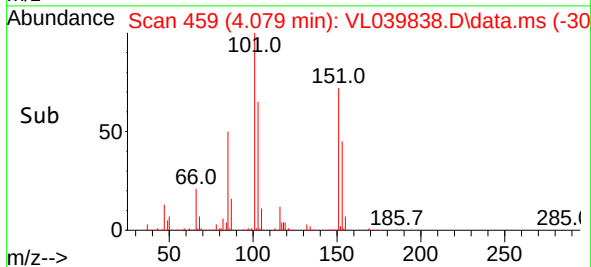
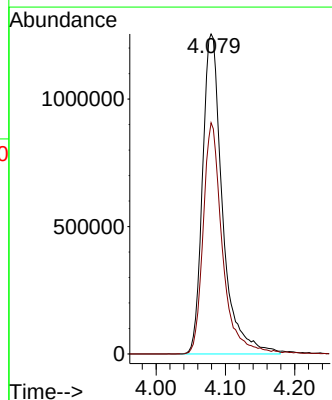
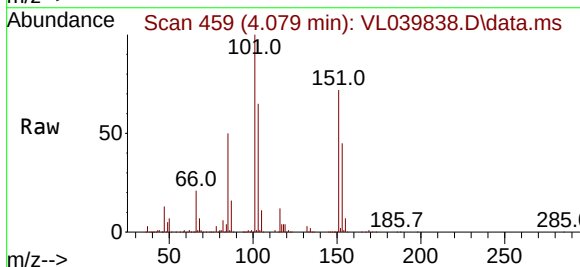
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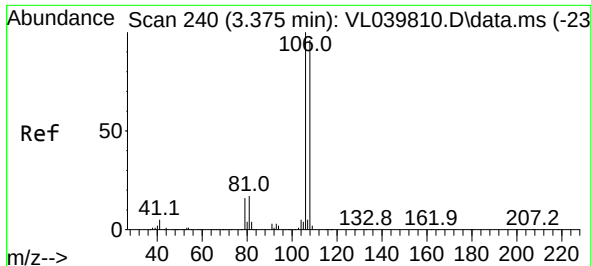
Reviewed By :Semsettin Yesilyurt 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 24.953 ppbv
RT: 4.079 min Scan# 459
Delta R.T. 0.010 min
Lab File: VL039838.D
Acq: 7 Nov 2022 13:42

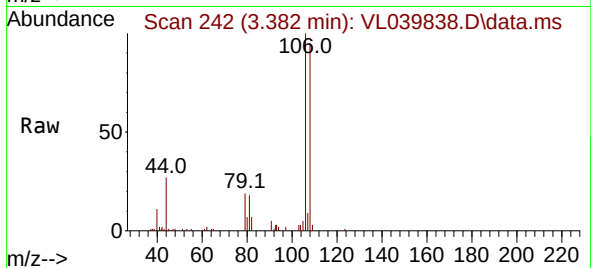
Tgt Ion:101 Resp: 2508125
Ion Ratio Lower Upper
101 100
151 70.2 57.2 85.8





#14
Bromoethene
Concen: 0.793 ppbv
RT: 3.382 min Scan# 240
Delta R.T. 0.007 min
Lab File: VL039838.D
Acq: 7 Nov 2022 13:42

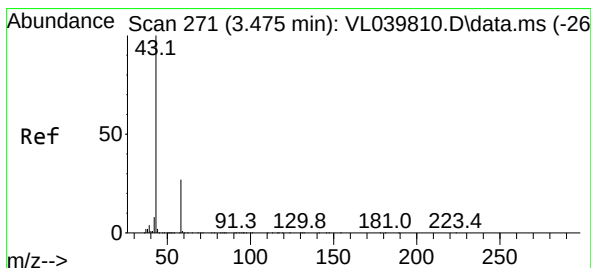
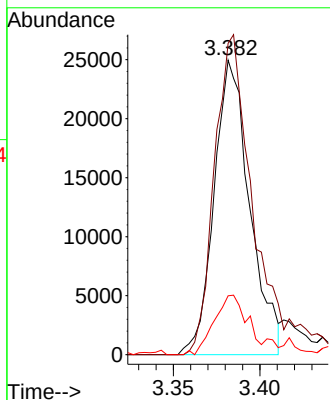
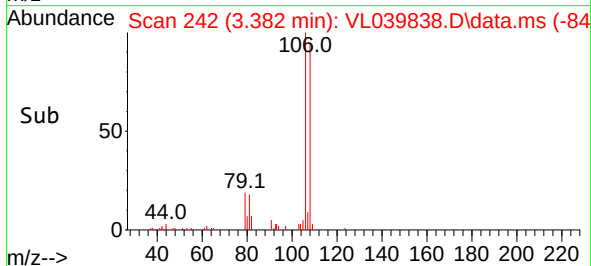
Instrument :
MSVOA_L
ClientSampleId :
E058-1100



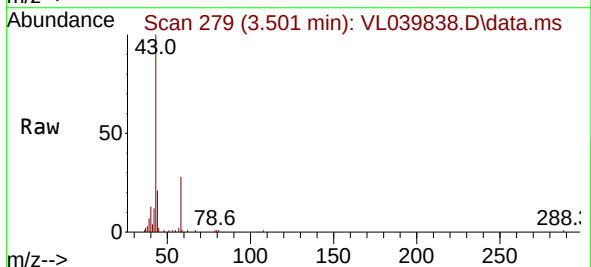
Tgt Ion:108 Resp: 35700
Ion Ratio Lower Upper
108 100
106 124.8 87.8 131.8
79 24.3 14.5 21.7

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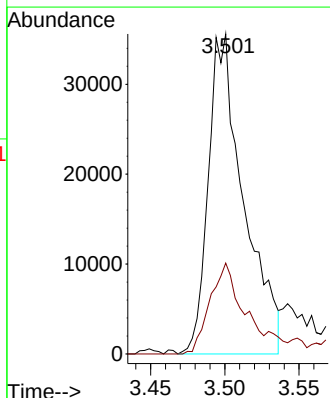
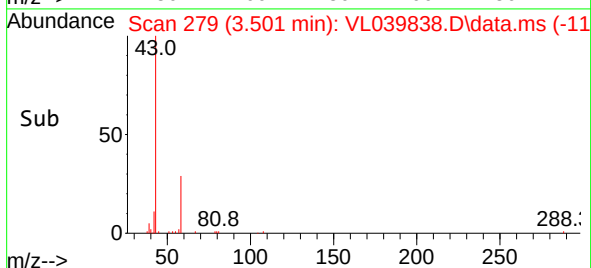
Reviewed By :Semsettin Yesilyurt 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

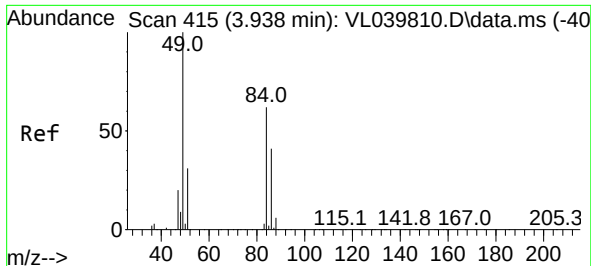


#15
Acetone
Concen: 0.480 ppbv
RT: 3.501 min Scan# 279
Delta R.T. 0.026 min
Lab File: VL039838.D
Acq: 7 Nov 2022 13:42



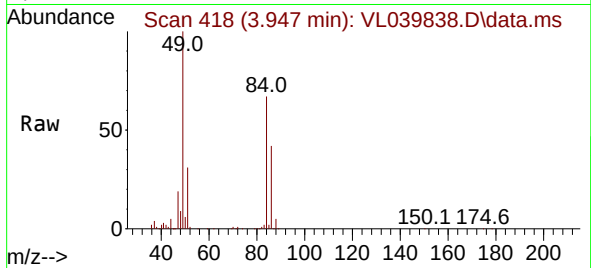
Tgt Ion: 43 Resp: 59106
Ion Ratio Lower Upper
43 100
58 33.6 23.2 34.8





#20
Methylene Chloride
Concen: 4.278 ppbv
RT: 3.947 min Scan# 415
Delta R.T. 0.010 min
Lab File: VL039838.D
Acq: 7 Nov 2022 13:42

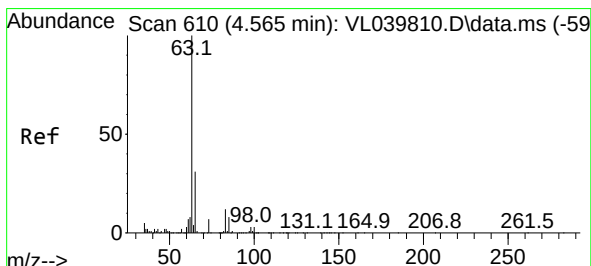
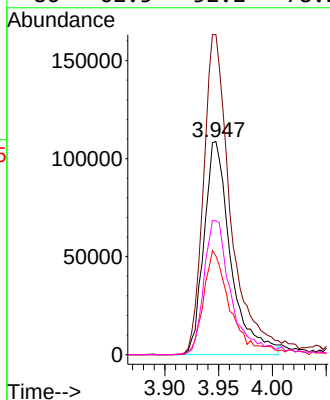
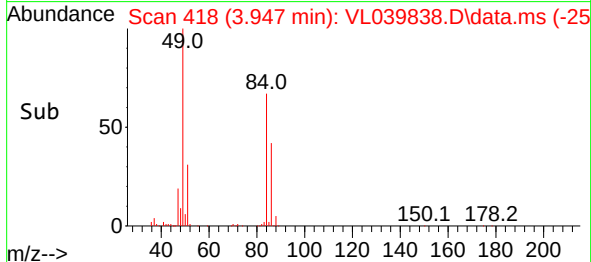
Instrument :
MSVOA_L
ClientSampleId :
E058-1100



Tgt Ion: 84 Resp: 18827
Ion Ratio Lower Upper
84 100
49 150.1 128.6 192.8
51 46.0 40.2 60.4
86 62.5 52.2 78.2

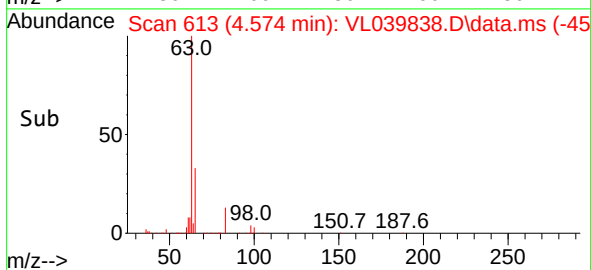
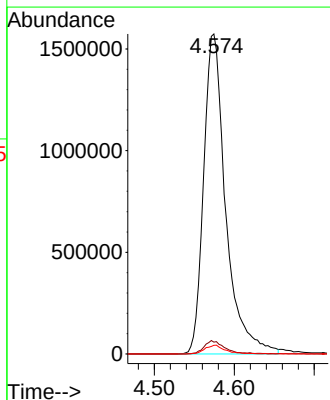
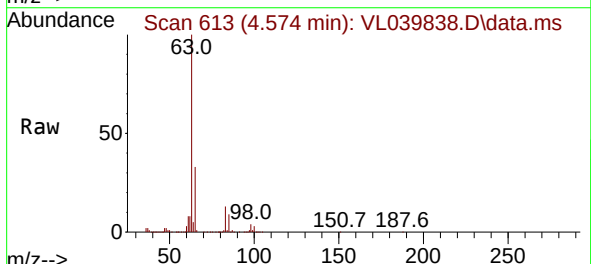
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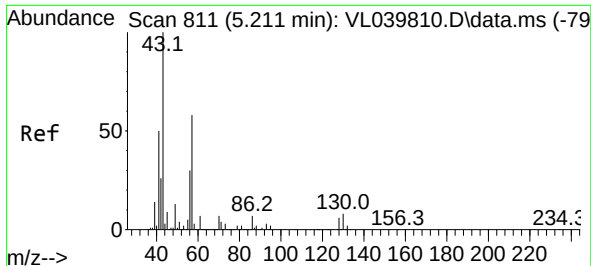
Reviewed By :Semsettin Yesilyurt 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#24
1,1-Dichloroethane
Concen: 30.187 ppbv
RT: 4.574 min Scan# 613
Delta R.T. 0.010 min
Lab File: VL039838.D
Acq: 7 Nov 2022 13:42

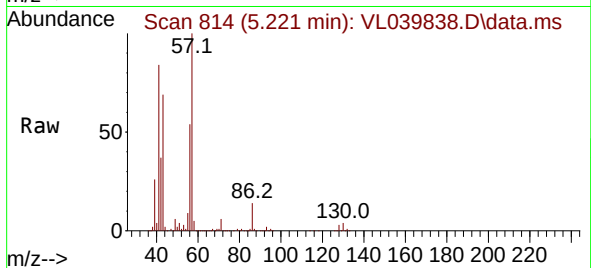
Tgt Ion: 63 Resp: 3022174
Ion Ratio Lower Upper
63 100
98 3.7 1.8 5.4
100 2.7 1.5 4.4





#26
Hexane
Concen: 37.663 ppbv
RT: 5.221 min Scan# 811
Delta R.T. 0.010 min
Lab File: VL039838.D
Acq: 7 Nov 2022 13:42

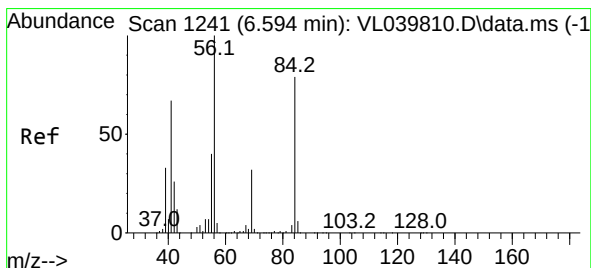
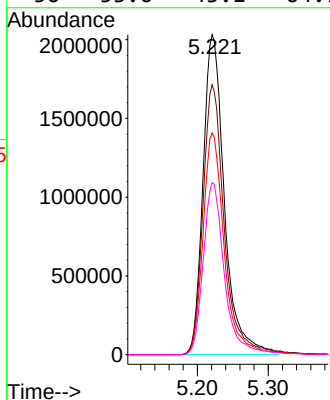
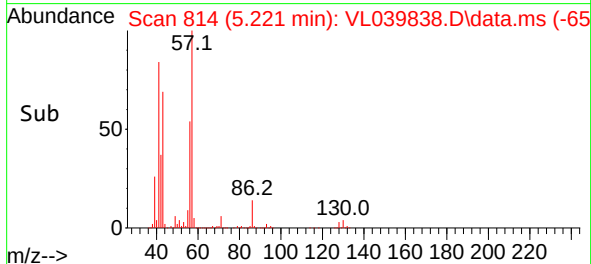
Instrument :
MSVOA_L
ClientSampleId :
E058-1100



Tgt Ion: 57 Resp: 4255600
Ion Ratio Lower Upper
57 100
41 84.9 73.7 110.5
43 69.5 189.8 284.8
56 53.6 43.1 64.7

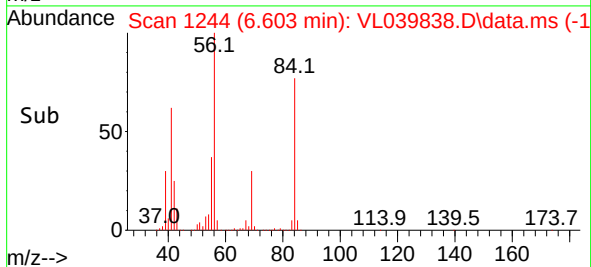
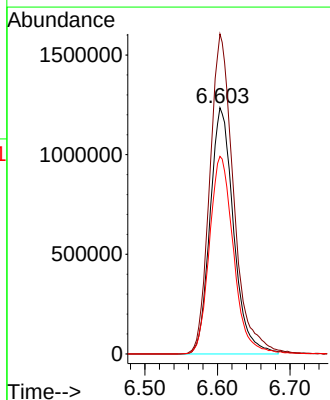
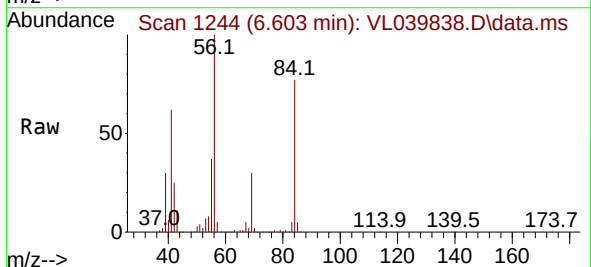
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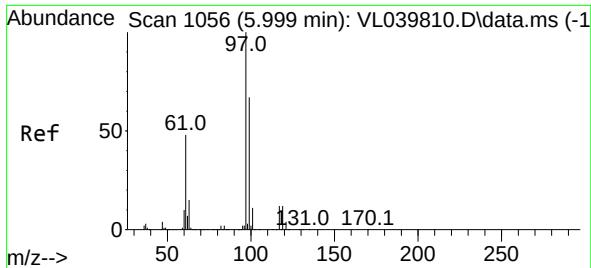
Reviewed By :Semsettin Yesilyurt 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#30
Cyclohexane
Concen: 29.460 ppbv
RT: 6.603 min Scan# 1244
Delta R.T. 0.010 min
Lab File: VL039838.D
Acq: 7 Nov 2022 13:42

Tgt Ion: 84 Resp: 2783531
Ion Ratio Lower Upper
84 100
56 132.3 114.8 172.2
41 82.4 68.6 103.0





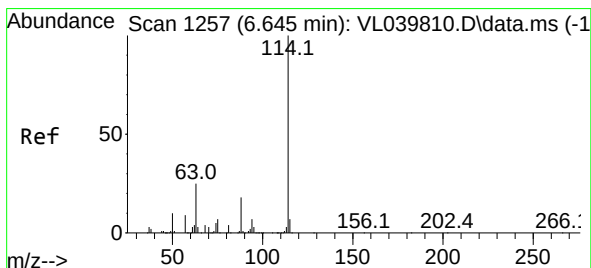
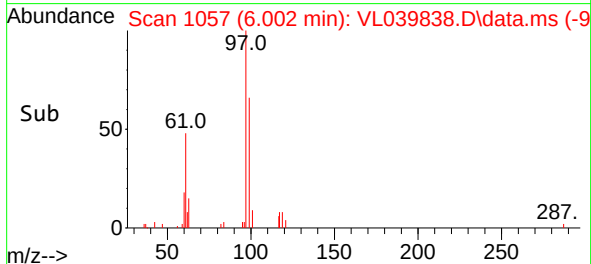
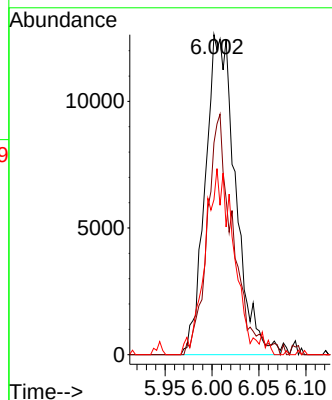
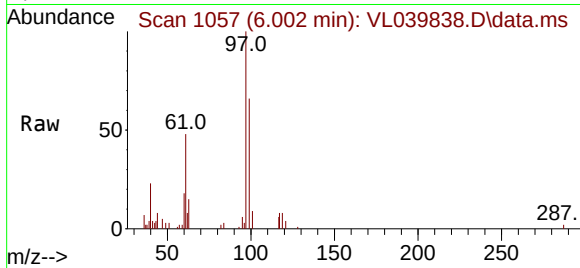
#32
1,1,1-Trichloroethane
Concen: 0.179 ppbv m
RT: 6.002 min Scan# 1056
Delta R.T. 0.003 min
Lab File: VL039838.D
Acq: 7 Nov 2022 13:42

Instrument :
MSVOA_L
ClientSampleId :
E058-1100

Tgt Ion: 97 Resp: 28370
Ion Ratio Lower Upper
97 100
99 0.0 52.7 79.1
61 0.0 38.9 58.3

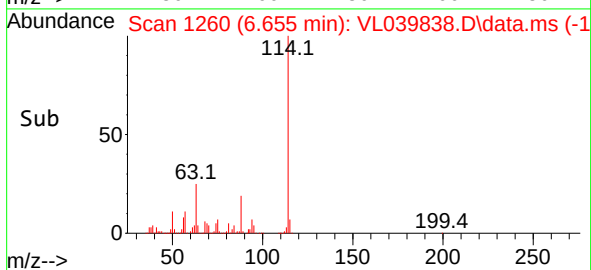
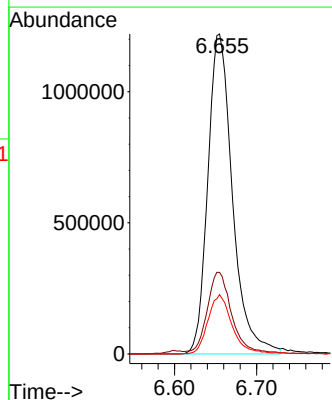
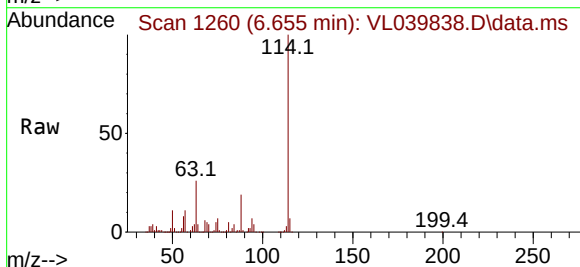
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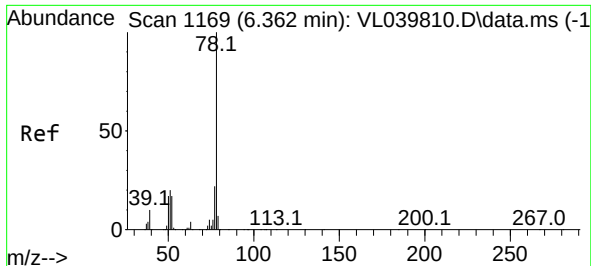
Reviewed By :Semsettin Yesilyurt 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 1260
Delta R.T. 0.010 min
Lab File: VL039838.D
Acq: 7 Nov 2022 13:42

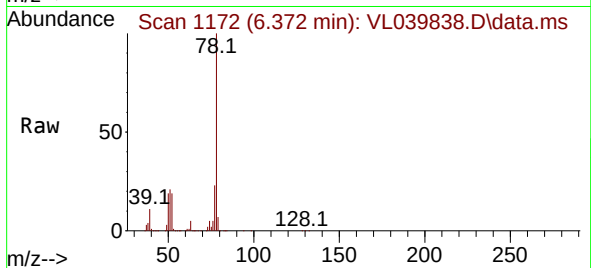
Tgt Ion:114 Resp: 2550925
Ion Ratio Lower Upper
114 100
63 26.8 19.8 29.6
88 18.4 14.4 21.6





#36
Benzene
Concen: 23.560 ppbv
RT: 6.372 min Scan# 1169
Delta R.T. 0.010 min
Lab File: VL039838.D
Acq: 7 Nov 2022 13:42

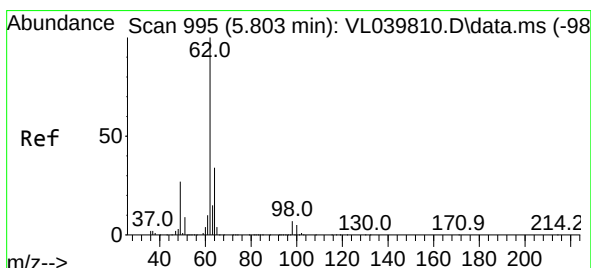
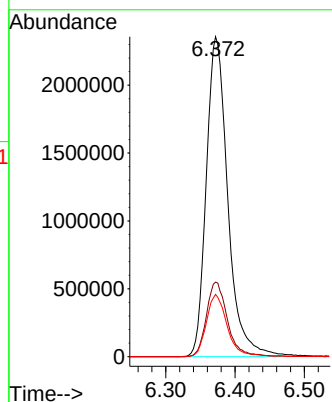
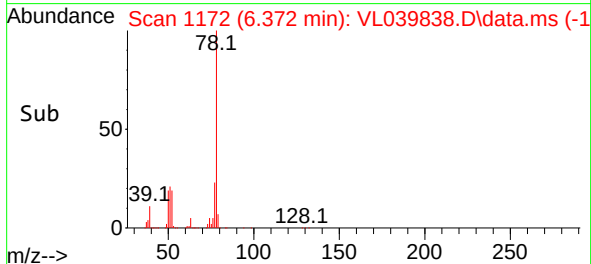
Instrument :
MSVOA_L
ClientSampleId :
E058-1100



Tgt Ion: 78 Resp: 5069680
Ion Ratio Lower Upper
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77 23.3 17.4 26.2
50 19.4 13.9 20.9

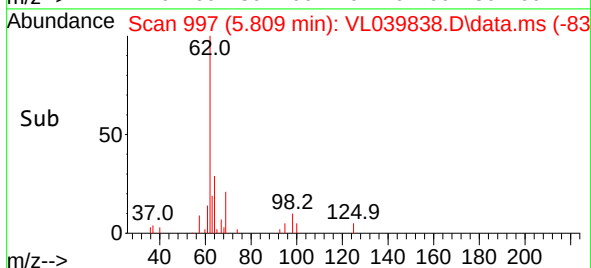
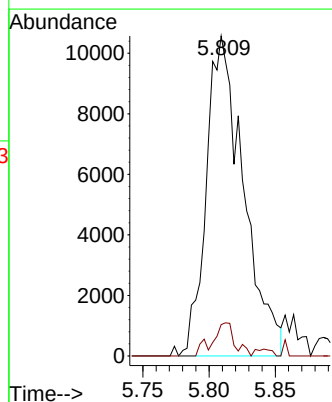
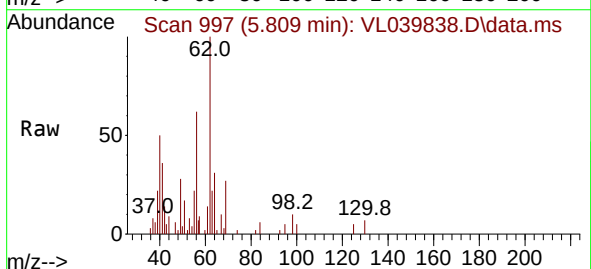
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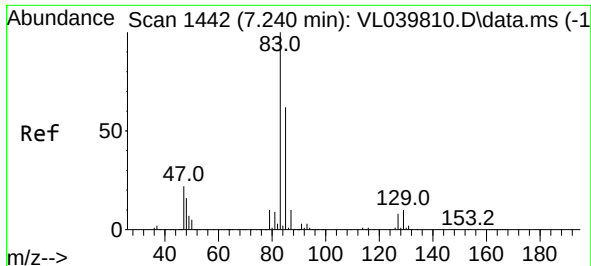
Reviewed By :Semsettin Yesilyurt 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#37
1,2-Dichloroethane
Concen: 0.199 ppbv m
RT: 5.809 min Scan# 997
Delta R.T. 0.007 min
Lab File: VL039838.D
Acq: 7 Nov 2022 13:42

Tgt Ion: 62 Resp: 20553
Ion Ratio Lower Upper
62 100
98 6.2 5.4 8.2





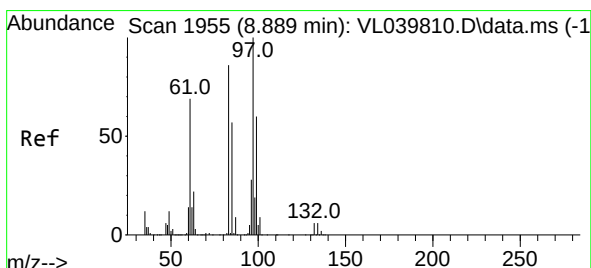
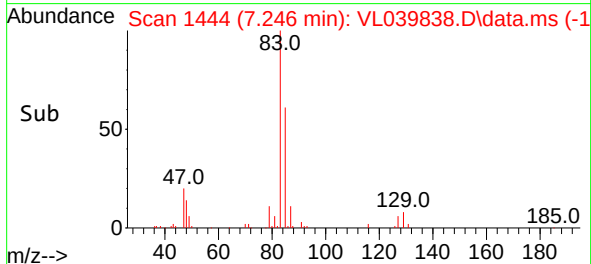
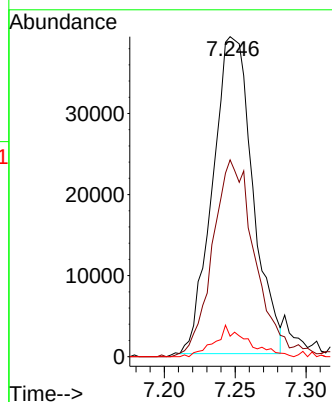
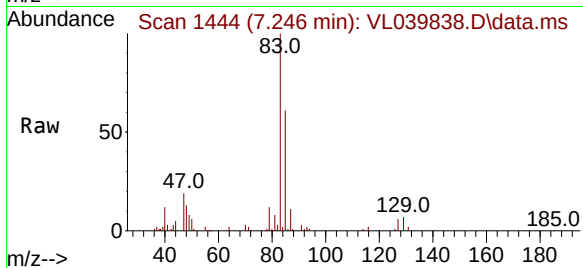
#42
Bromodichloromethane
Concen: 0.469 ppbv
RT: 7.246 min Scan# 1444
Delta R.T. 0.007 min
Lab File: VL039838.D
Acq: 7 Nov 2022 13:42

Instrument :
MSVOA_L
ClientSampleId :
E058-1100

Tgt Ion: 83 Resp: 77339
Ion Ratio Lower Upper
83 100
85 61.0 49.9 74.9
127 6.5 6.4 9.6

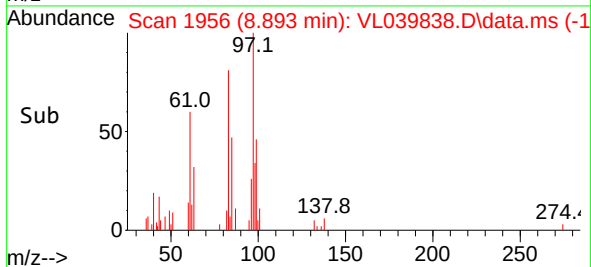
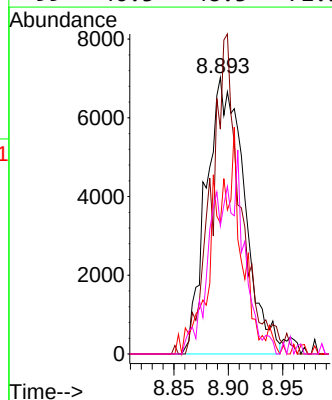
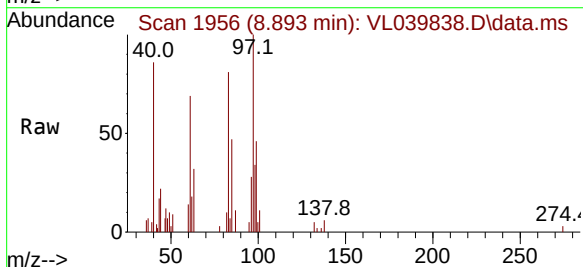
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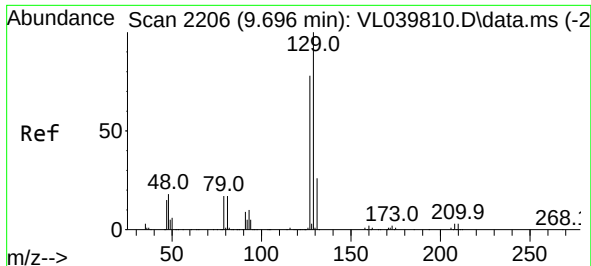
Reviewed By :Semsettin Yesilyurt 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#47
1,1,2-Trichloroethane
Concen: 0.202 ppbv m
RT: 8.893 min Scan# 1956
Delta R.T. 0.003 min
Lab File: VL039838.D
Acq: 7 Nov 2022 13:42

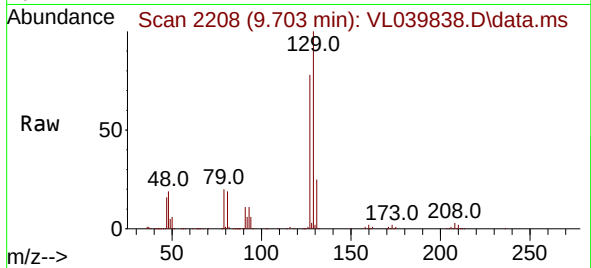
Tgt Ion: 97 Resp: 17113
Ion Ratio Lower Upper
97 100
83 81.4 68.8 103.2
85 47.3 45.8 68.6
99 46.3 48.3 72.5#





#48
Dibromochloromethane
Concen: 16.853 ppbv
RT: 9.703 min Scan# 210
Delta R.T. 0.007 min
Lab File: VL039838.D
Acq: 7 Nov 2022 13:42

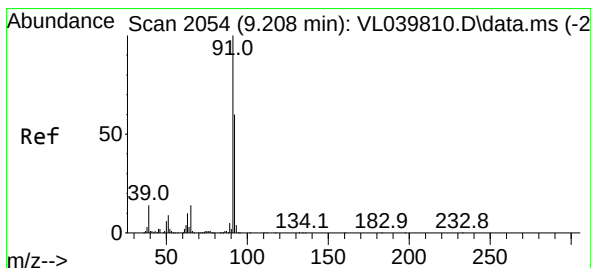
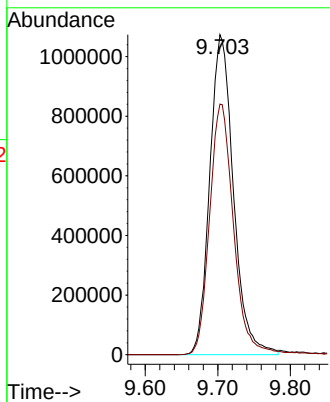
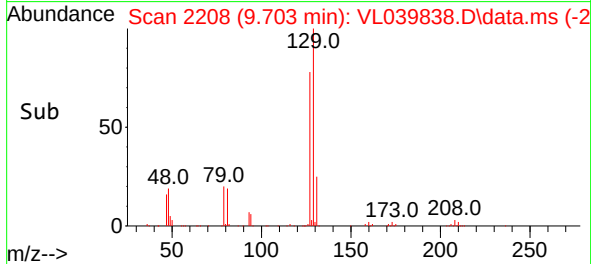
Instrument :
MSVOA_L
ClientSampleId :
E058-1100



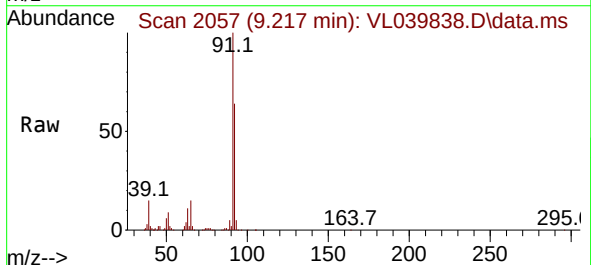
Tgt Ion:129 Resp: 2437940
Ion Ratio Lower Upper
129 100
127 79.7 39.4 118.1

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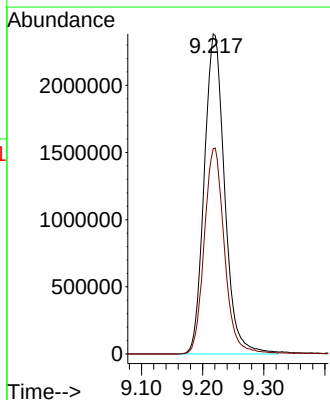
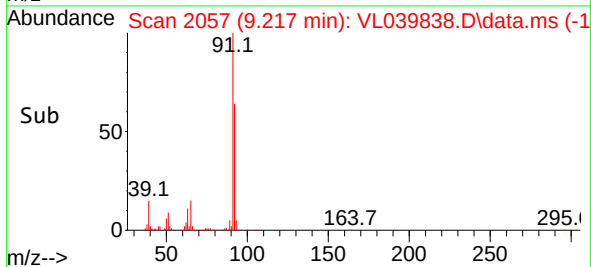
Reviewed By :Semsettin Yesilyurt 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022

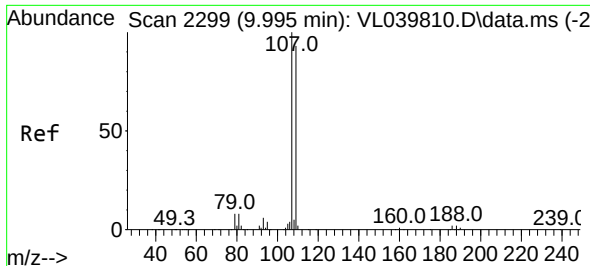


#53
Toluene
Concen: 22.418 ppbv
RT: 9.217 min Scan# 2057
Delta R.T. 0.010 min
Lab File: VL039838.D
Acq: 7 Nov 2022 13:42



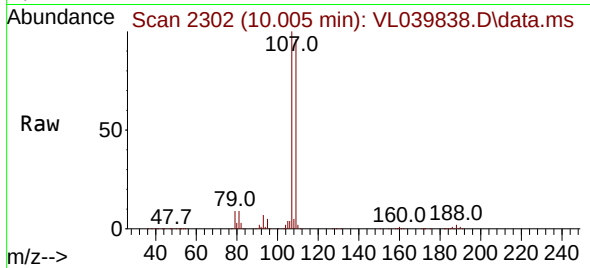
Tgt Ion: 91 Resp: 5534173
Ion Ratio Lower Upper
91 100
92 64.0 49.6 74.4





#54
1,2-Dibromoethane
Concen: 49.332 ppbv
RT: 10.005 min Scan# 21
Delta R.T. 0.010 min
Lab File: VL039838.D
Acq: 7 Nov 2022 13:42

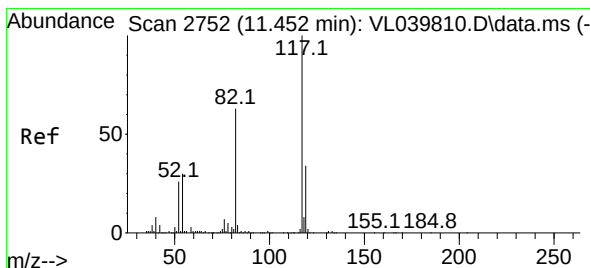
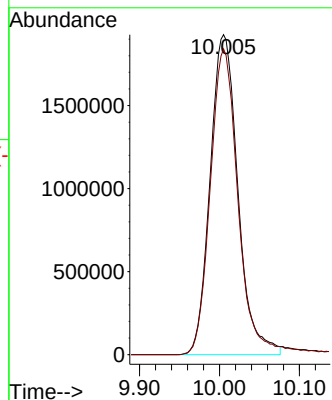
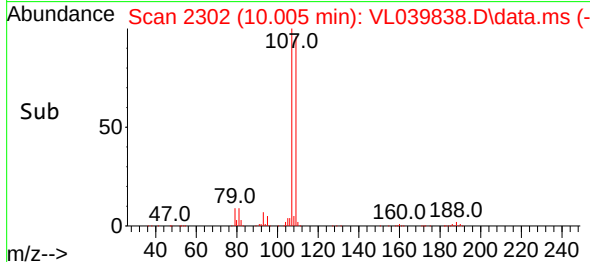
Instrument :
MSVOA_L
ClientSampleId :
E058-1100



Tgt Ion:107 Resp: 4648024
Ion Ratio Lower Upper
107 100
109 95.5 74.5 111.7

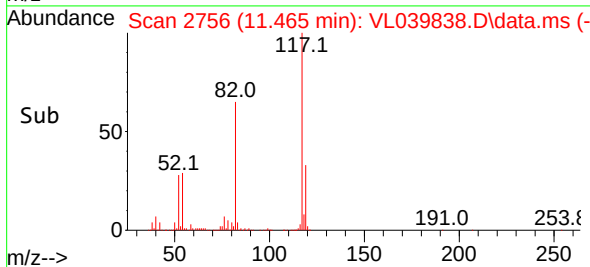
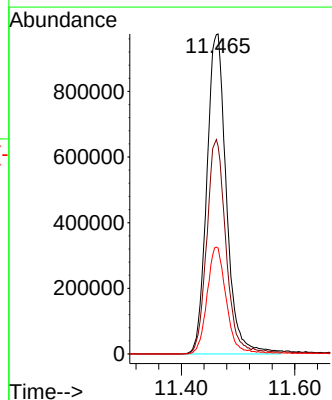
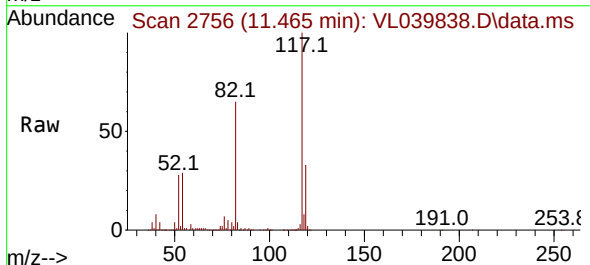
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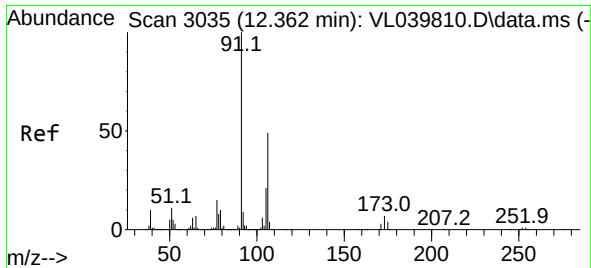
Reviewed By :Semsettin Yesilyurt 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.465 min Scan# 2756
Delta R.T. 0.013 min
Lab File: VL039838.D
Acq: 7 Nov 2022 13:42

Tgt Ion:117 Resp: 2340041
Ion Ratio Lower Upper
117 100
82 67.0 51.0 76.6
119 33.1 24.7 37.1





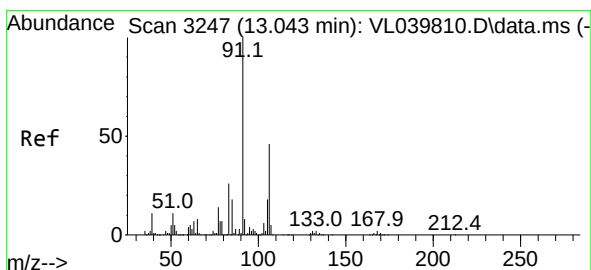
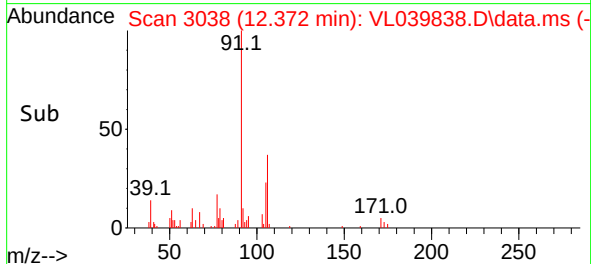
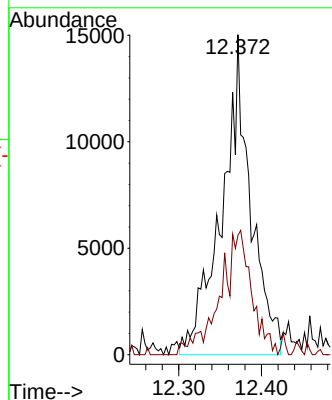
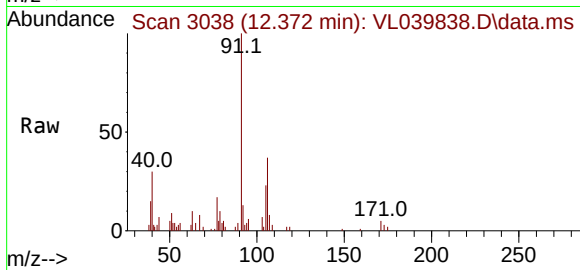
#59
m/p-Xylene
Concen: 0.138 ppbv m
RT: 12.372 min Scan# 3035
Delta R.T. 0.010 min
Lab File: VL039838.D
Acq: 7 Nov 2022 13:42

Instrument :
MSVOA_L
ClientSampleId :
E058-1100

Tgt Ion: 91 Resp: 3633
Ion Ratio Lower Upper
91 100
106 45.0 37.6 56.4

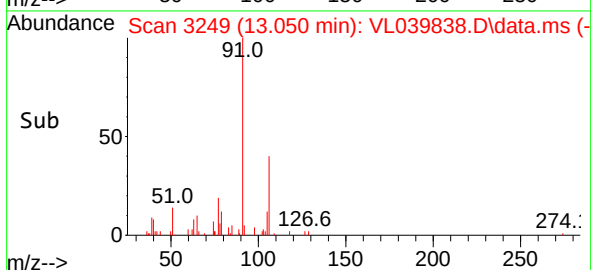
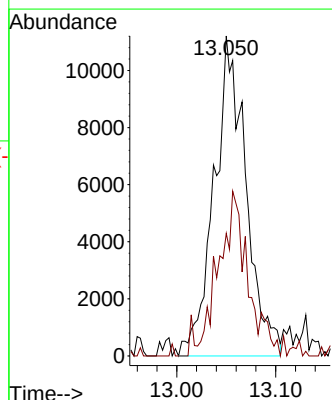
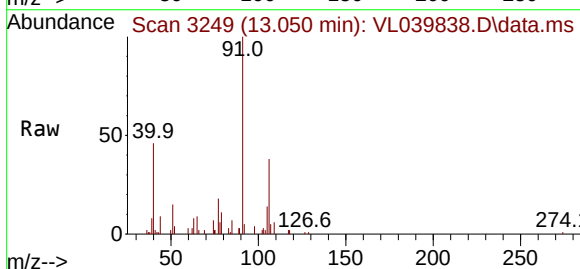
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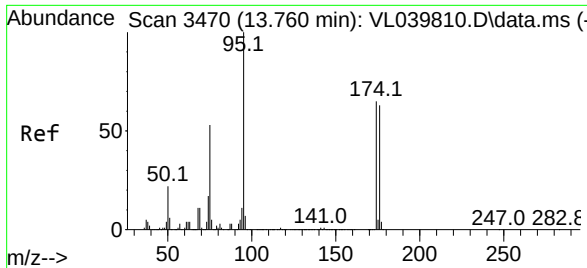
Reviewed By :Semsettin Yesilyurt 11/09/2022
Supervised By :Mahesh Dadoda 11/09/2022



#60
o-Xylene
Concen: 0.100 ppbv m
RT: 13.050 min Scan# 3249
Delta R.T. 0.007 min
Lab File: VL039838.D
Acq: 7 Nov 2022 13:42

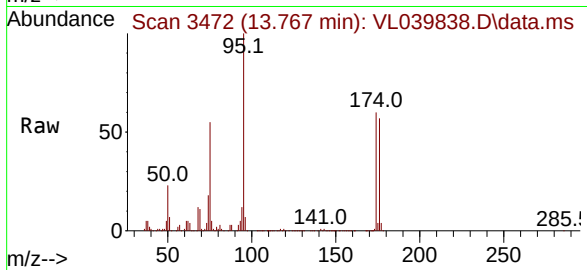
Tgt Ion: 91 Resp: 25074
Ion Ratio Lower Upper
91 100
106 1.9 23.6 70.8#





#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.015 ppbv
 RT: 13.767 min Scan# 3472
 Delta R.T. 0.007 min
 Lab File: VL039838.D
 Acq: 7 Nov 2022 13:42

Instrument :
 MSVOA_L
 ClientSampleId :
 E058-1100



Tgt Ion: 95 Resp: 1754138
 Ion Ratio Lower Upper
 95 100
 174 65.8 53.4 80.0
 175 4.6 4.1 6.1

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 11/09/2022
 Supervised By :Mahesh Dadoda 11/09/2022

