

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071423\
 Data File : VL040532.D
 Acq On : 14 Jul 2023 18:12
 Operator : SY/MD
 Sample : 03636-02DUP
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/17/2023
 Supervised By : Mahesh Dadoda 07/17/2023

Quant Time: Jul 16 23:32:08 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon Jul 10 16:32:00 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.195	49	964968	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.658	114	2583888	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2356023	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.783 95 1949665 10.456 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.600%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.732	85	81138	0.420	ppbv	95
3) Chlorodifluoromethane	2.681	51	53734m	0.351	ppbv	
4) Chloromethane	2.819	50	44299	0.731	ppbv #	88
9) Propene	2.700	41	529010	10.103	ppbv	95
10) Heptane	7.584	43	406047m	3.512	ppbv	
11) Trichlorofluoromethane	3.568	101	39351	0.253	ppbv	92
13) Ethanol	3.243	45	300891m	26.411	ppbv	
15) Acetone	3.468	43	1907121m	17.170	ppbv	
17) tert-Butyl alcohol	3.886	59	117030	1.019	ppbv #	92
19) Isopropyl Alcohol	3.581	45	125204	1.964	ppbv #	1
20) Methylene Chloride	3.938	84	717630	15.189	ppbv	95
26) Hexane	5.214	57	633619	6.450	ppbv #	44
27) Carbon Disulfide	4.128	76	15070	0.130	ppbv #	57
29) Chloroform	5.282	83	31807m	0.195	ppbv	
30) Cyclohexane	6.600	84	46639m	0.571	ppbv	
34) 2-Butanone	4.784	43	4328607	33.902	ppbv	100
35) Carbon Tetrachloride	6.494	117	10944m	0.070	ppbv	
36) Benzene	6.372	78	97367	0.468	ppbv	95
38) Trichloroethene	7.295	130	3816m	0.049	ppbv	
41) Tetrahydrofuran	5.565	42	40977m	0.550	ppbv	
44) 2,2,4-Trimethylpentane	7.333	57	83516	0.250	ppbv #	37
50) 4-Methyl-2-Pentanone	8.189	43	34656	0.187	ppbv	98
51) 2-Hexanone	9.552	43	71018	0.541	ppbv #	97
52) Tetrachloroethene	10.623	164	366503	5.444	ppbv	97
53) Toluene	9.224	91	649893	2.878	ppbv	98
58) Ethyl Benzene	12.095	91	4169257	14.101	ppbv	99
59) m/p-Xylene	12.356	91	14861414	56.316	ppbv	91
60) o-Xylene	13.069	91	10115841	40.239	ppbv	95
61) Styrene	12.905	104	165373	1.426	ppbv	96
62) Isopropylbenzene	14.040	105	3466646	9.200	ppbv	99
64) n-propylbenzene	14.937	120	5071333	52.021	ppbv #	63
67) sec-Butylbenzene	16.661	105	2940057	5.999	ppbv	100
69) p-Isopropyltoluene	17.018	119	2296648m	5.670	ppbv	
70) n-Butylbenzene	17.918	91	5729846	12.686	ppbv #	48
72) 4-Ethyltoluene	15.227	105	18739937m	63.593	ppbv	
73) 1,3,5-Trimethylbenzene	15.388	105	21396800	82.374	ppbv #	72
74) 1,2,4-Trimethylbenzene	16.175	105	42570549	140.566	ppbv #	62
79) Naphthalene	21.403	128	5081946	19.833	ppbv	99
80) Naphthalene,2-methyl-	24.374	142	62669	0.593	ppbv #	81

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

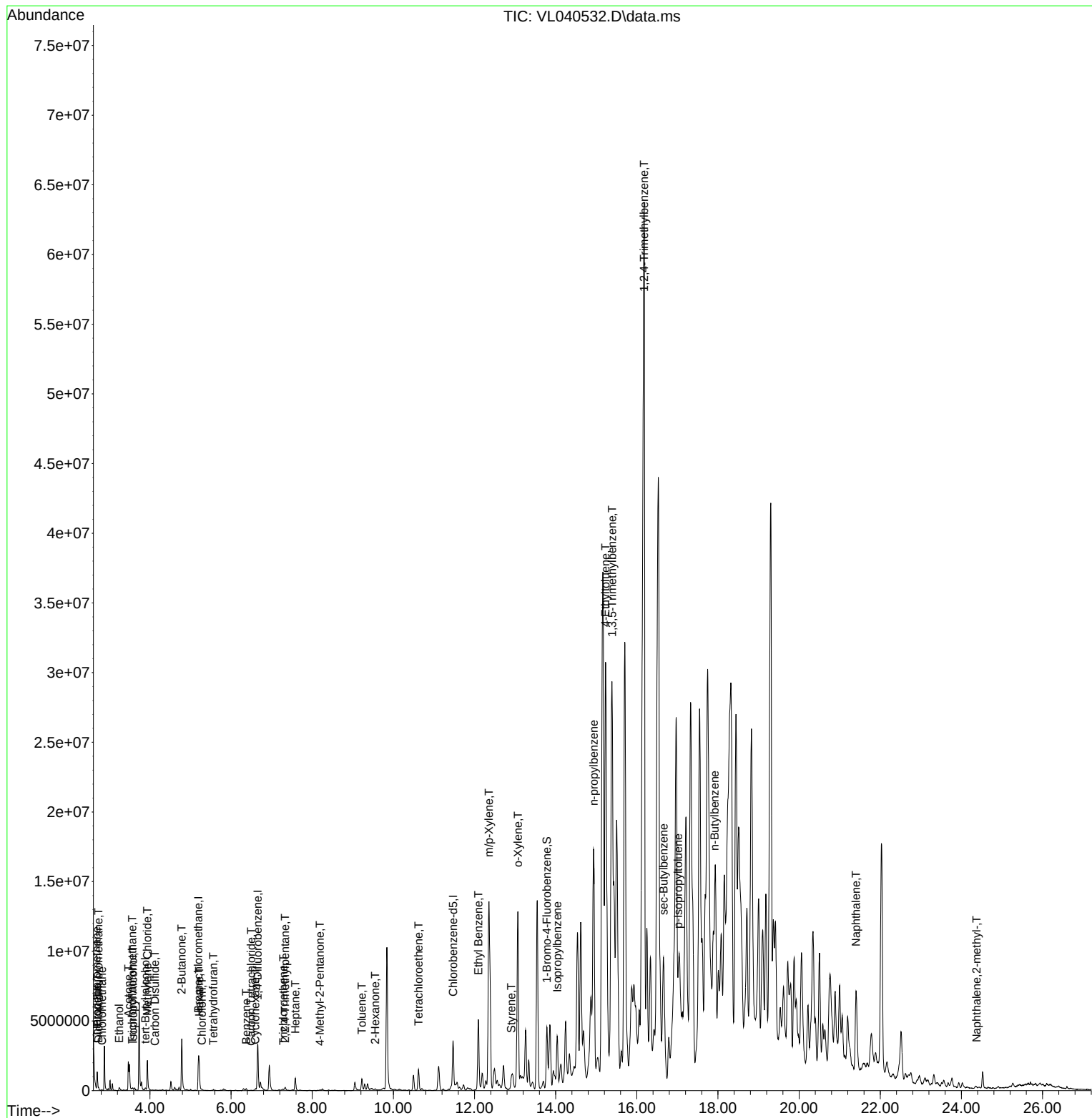
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071423\
Data File : VL040532.D
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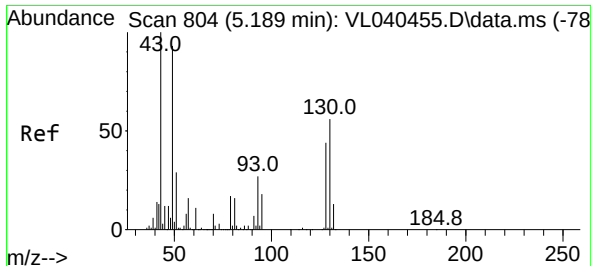
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Quant Time: Jul 16 23:32:08 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug
QLast Update : Mon Jul 10 16:32:00 2023
Response via : Initial Calibration

Manual Integrations
APPROVED

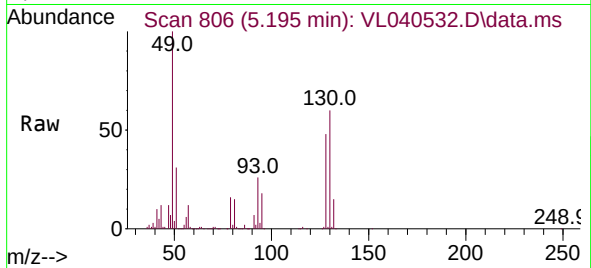
Reviewed By : Semsettin Yesilyurt 07/17/2023
Supervised By : Mahesh Dadoda 07/17/2023





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 80
Delta R.T. -0.007 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

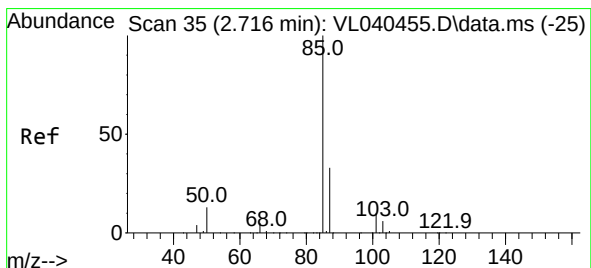
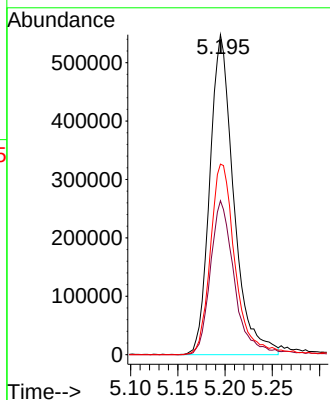
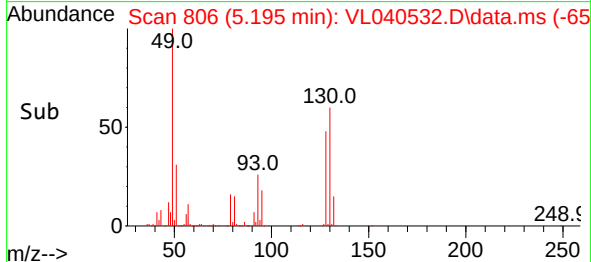
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 49 Resp: 96496
Ion Ratio Lower Upper
49 100
128 49.2 25.1 75.4
130 62.8 31.6 94.7

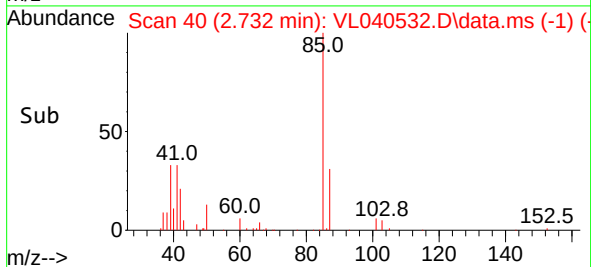
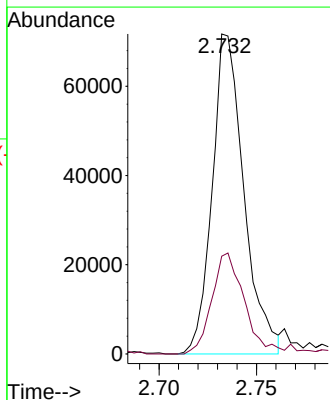
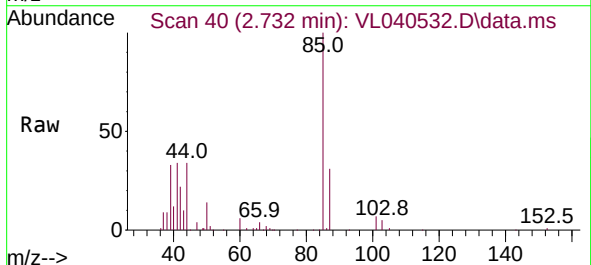
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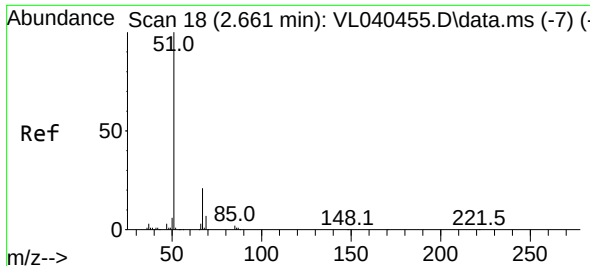
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#2
Dichlorodifluoromethane
Concen: 0.420 ppbv
RT: 2.732 min Scan# 40
Delta R.T. -0.006 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

Tgt Ion: 85 Resp: 81138
Ion Ratio Lower Upper
85 100
87 30.6 26.8 40.2





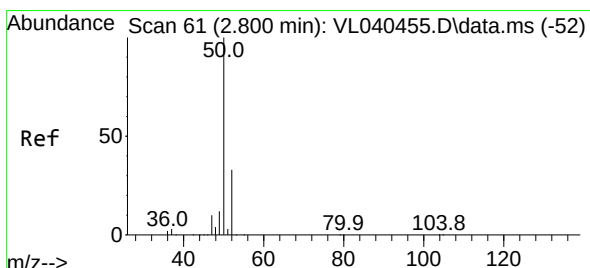
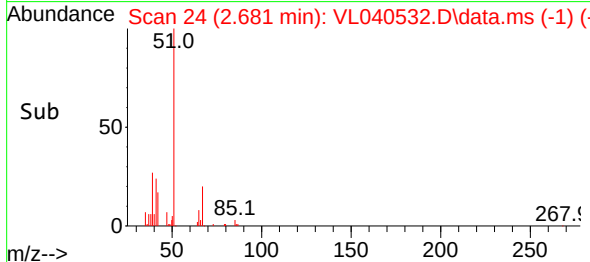
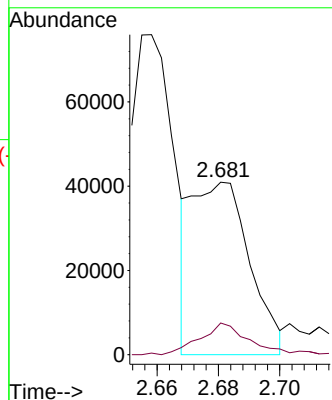
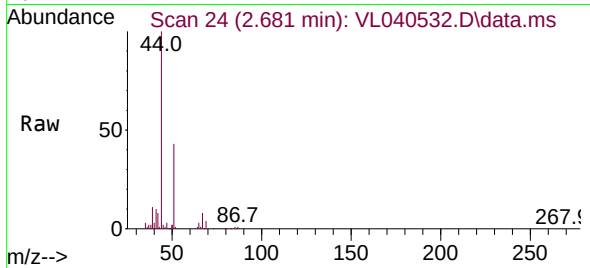
#3
Chlorodifluoromethane
Concen: 0.351 ppbv m
RT: 2.681 min Scan# 24
Delta R.T. -0.003 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 51 Resp: 53734
Ion Ratio Lower Upper
51 100
67 16.1 14.6 21.8

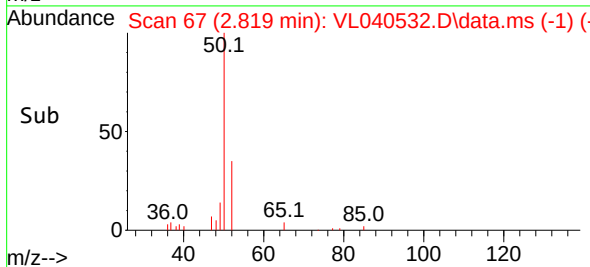
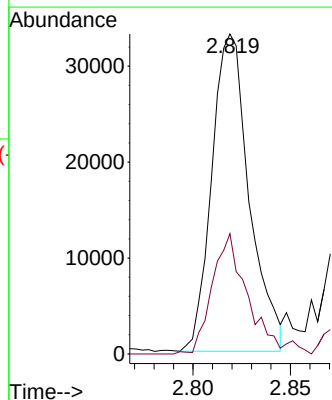
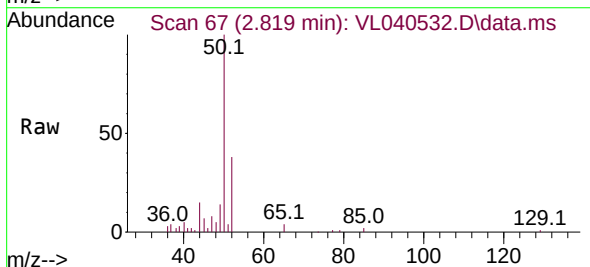
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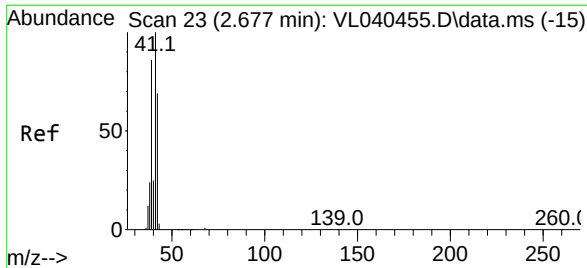
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#4
Chloromethane
Concen: 0.731 ppbv
RT: 2.819 min Scan# 67
Delta R.T. -0.003 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

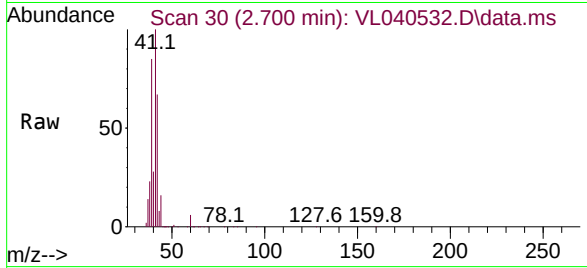
Tgt Ion: 50 Resp: 44299
Ion Ratio Lower Upper
50 100
52 37.2 24.4 36.6#





#9
 Propene
 Concen: 10.103 ppbv
 RT: 2.700 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: VL040532.D
 Acq: 14 Jul 2023 18:12

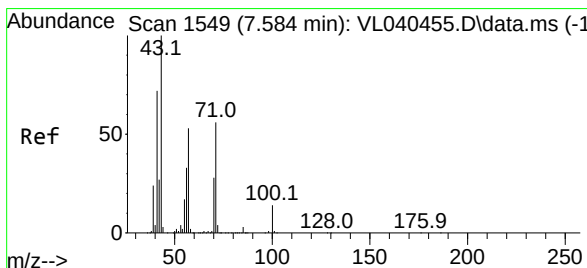
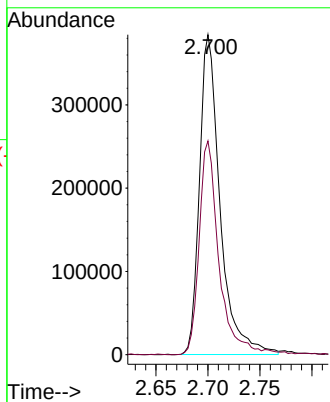
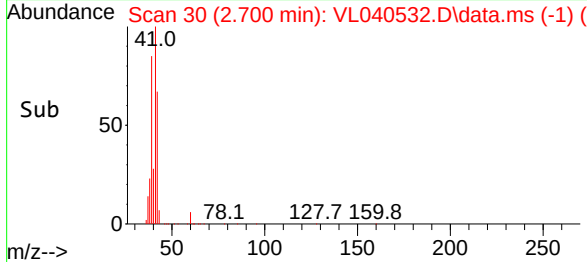
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1DUP



Tgt Ion: 41 Resp: 529010
 Ion Ratio Lower Upper
 41 100
 42 65.1 55.0 82.6

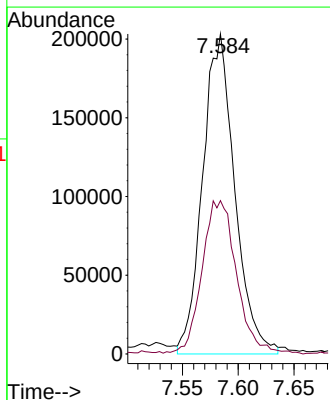
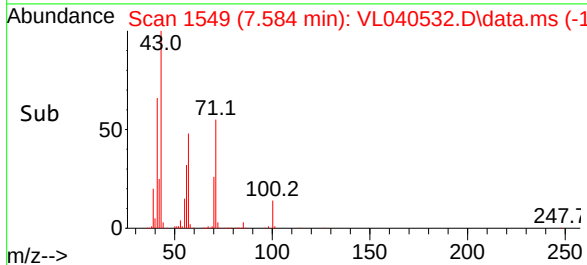
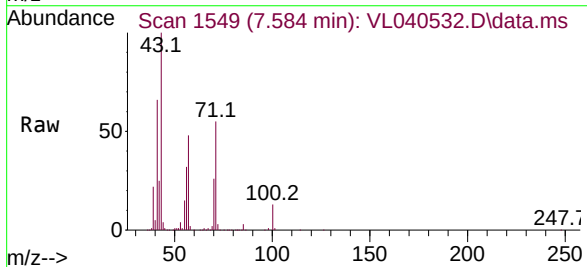
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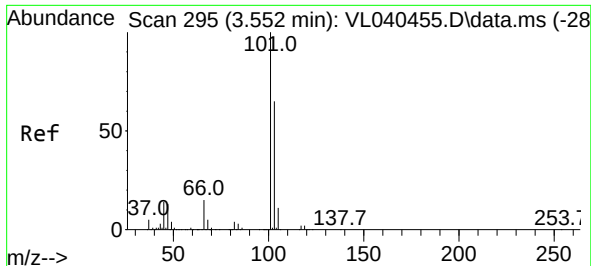
Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#10
 Heptane
 Concen: 3.512 ppbv m
 RT: 7.584 min Scan# 1549
 Delta R.T. -0.006 min
 Lab File: VL040532.D
 Acq: 14 Jul 2023 18:12

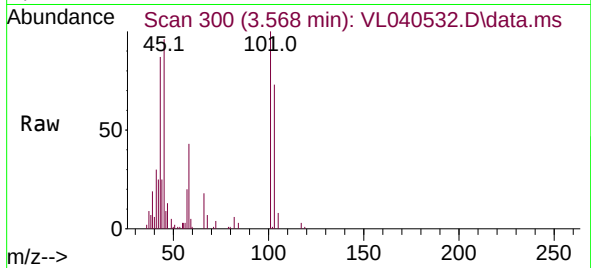
Tgt Ion: 43 Resp: 406047
 Ion Ratio Lower Upper
 43 100
 57 0.0 42.5 63.7





#11
Trichlorofluoromethane
Concen: 0.253 ppbv
RT: 3.568 min Scan# 300
Delta R.T. -0.003 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

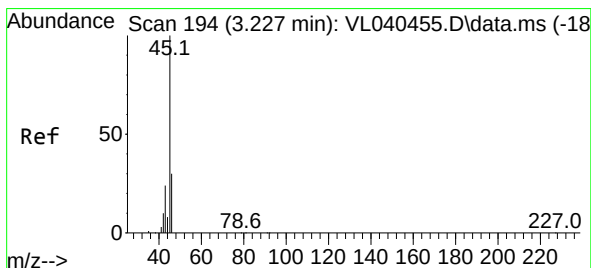
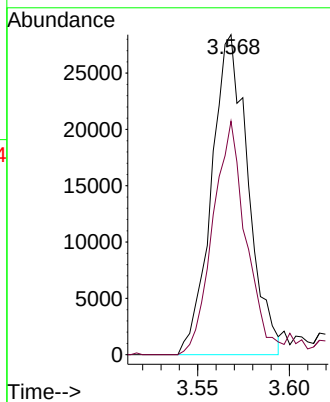
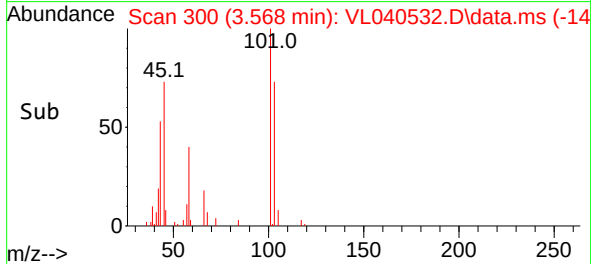
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion:101 Resp: 3935
Ion Ratio Lower Upper
101 100
103 72.9 53.4 80.0

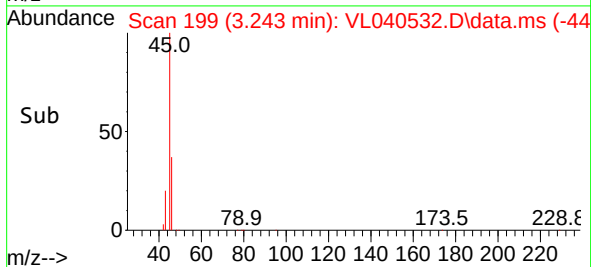
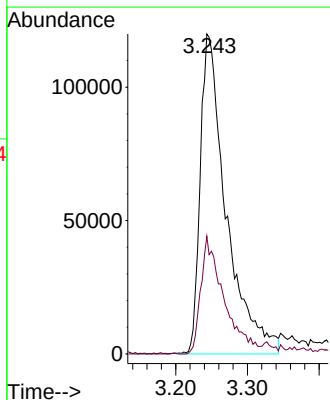
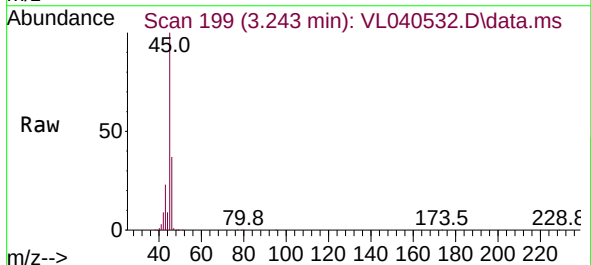
Manual Integrations
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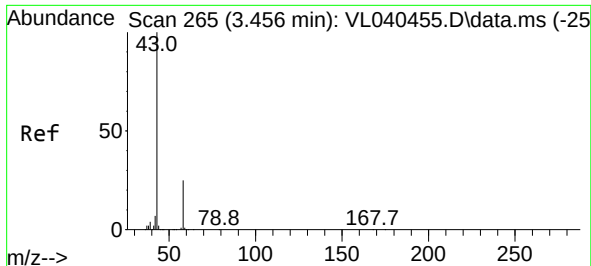
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#13
Ethanol
Concen: 26.411 ppbv m
RT: 3.243 min Scan# 199
Delta R.T. -0.003 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

Tgt Ion: 45 Resp: 300891
Ion Ratio Lower Upper
45 100
46 35.5 15.3 61.1





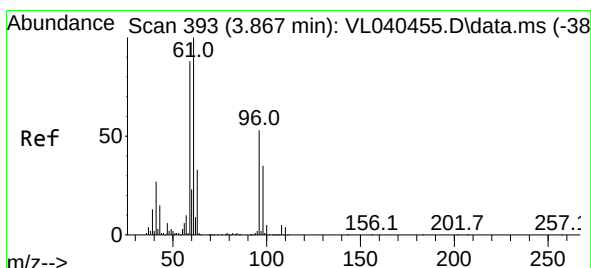
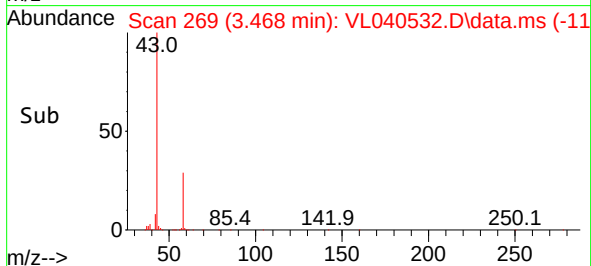
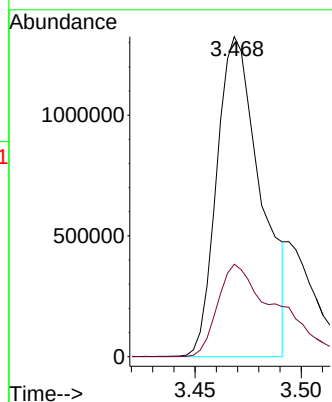
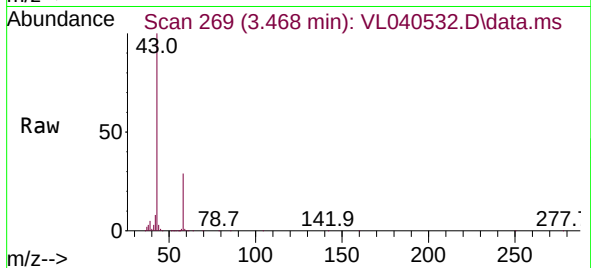
#15
Acetone
Concen: 17.170 ppbv m
RT: 3.468 min Scan# 20
Delta R.T. -0.006 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 43 Resp: 190712
Ion Ratio Lower Upper
43 100
58 40.2 22.9 34.3

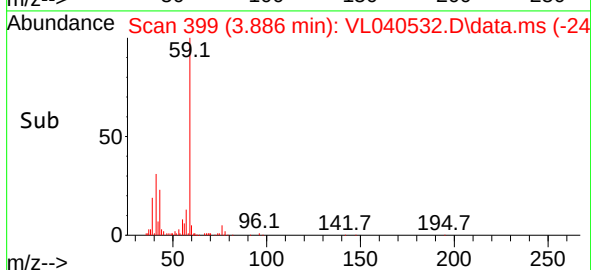
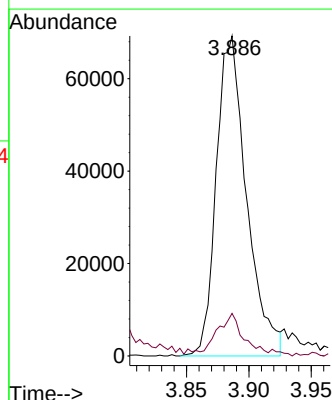
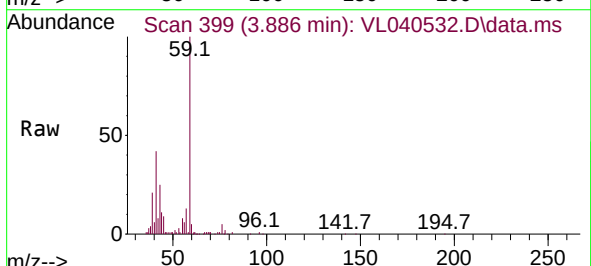
Manual Integrations
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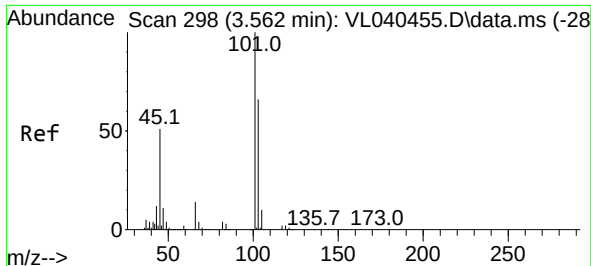
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#17
tert-Butyl alcohol
Concen: 1.019 ppbv
RT: 3.886 min Scan# 399
Delta R.T. 0.003 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

Tgt Ion: 59 Resp: 117030
Ion Ratio Lower Upper
59 100
57 13.8 8.7 13.1





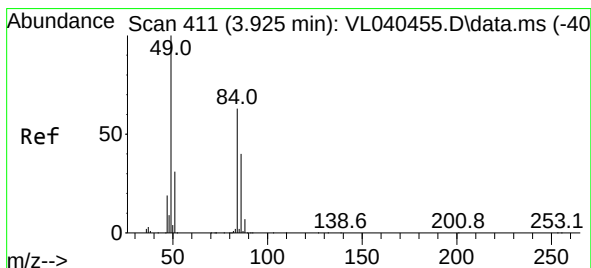
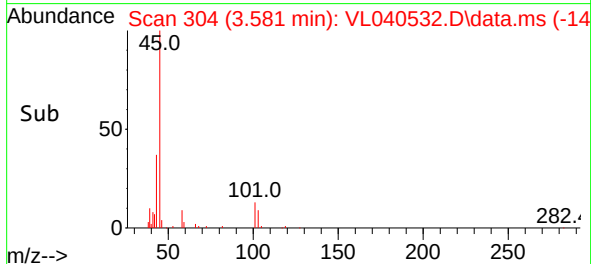
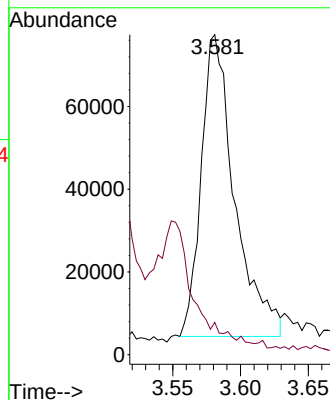
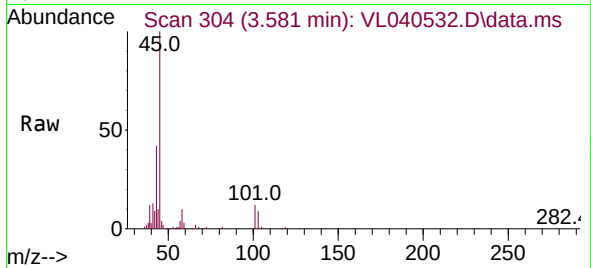
#19
Isopropyl Alcohol
Concen: 1.964 ppbv
RT: 3.581 min Scan# 304
Delta R.T. 0.000 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 45 Resp: 125204
Ion Ratio Lower Upper
45 100
58 50.8 1.1 1.75

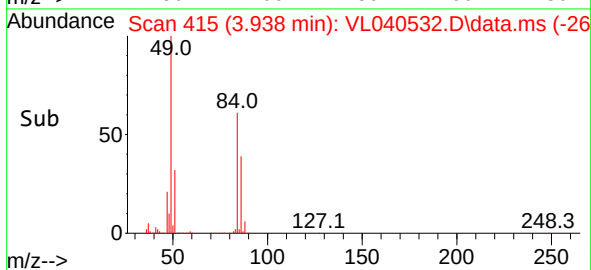
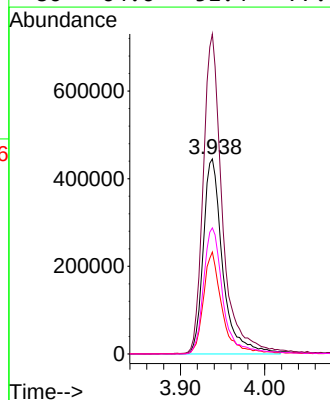
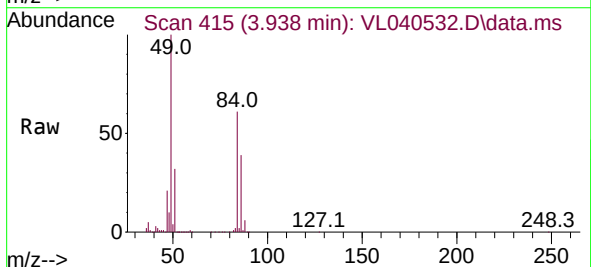
Manual Integrations
APPROVED

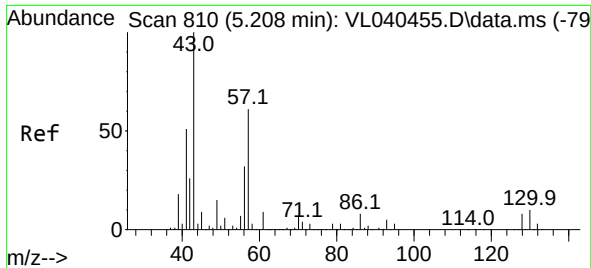
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#20
Methylene Chloride
Concen: 15.189 ppbv
RT: 3.938 min Scan# 415
Delta R.T. -0.003 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

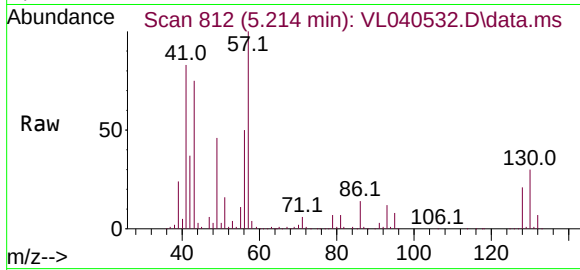
Tgt Ion: 84 Resp: 717630
Ion Ratio Lower Upper
84 100
49 163.8 123.4 185.2
51 52.0 38.3 57.5
86 64.6 51.4 77.0





#26
Hexane
Concen: 6.450 ppbv
RT: 5.214 min Scan# 810
Delta R.T. -0.006 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

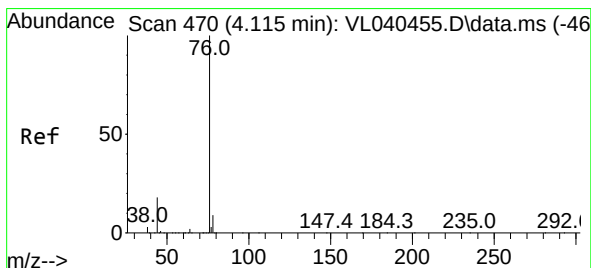
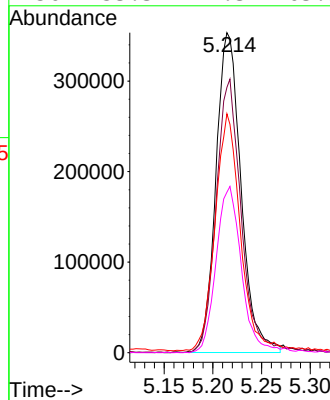
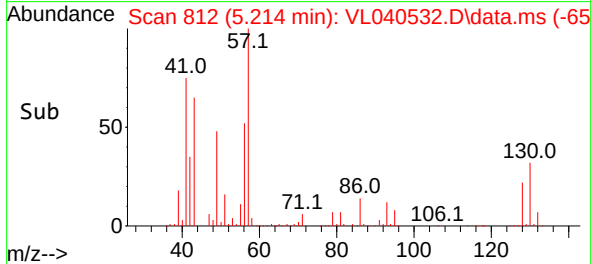
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 57 Resp: 633619
Ion Ratio Lower Upper
57 100
41 85.6 69.5 104.3
43 75.8 177.1 265.7
56 53.3 42.3 63.5

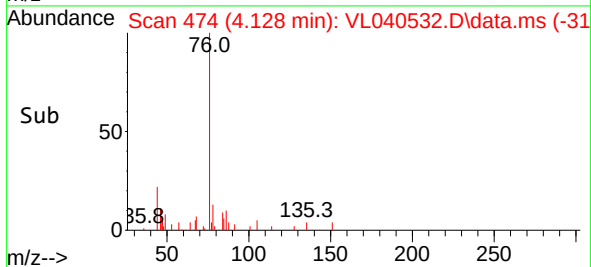
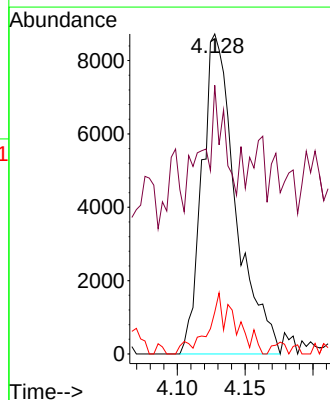
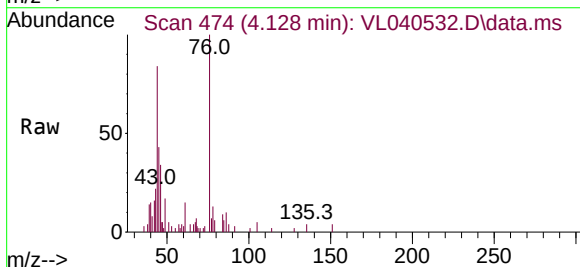
Manual Integrations
APPROVED

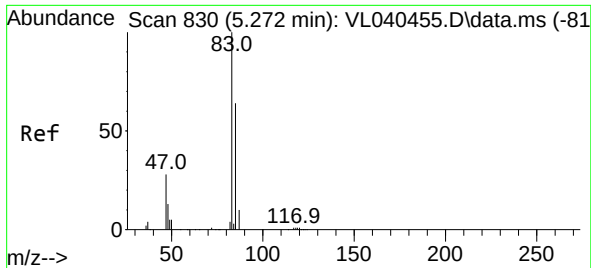
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#27
Carbon Disulfide
Concen: 0.130 ppbv
RT: 4.128 min Scan# 474
Delta R.T. -0.003 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

Tgt Ion: 76 Resp: 15070
Ion Ratio Lower Upper
76 100
44 43.2 15.1 22.7#
78 17.5 7.5 11.3#





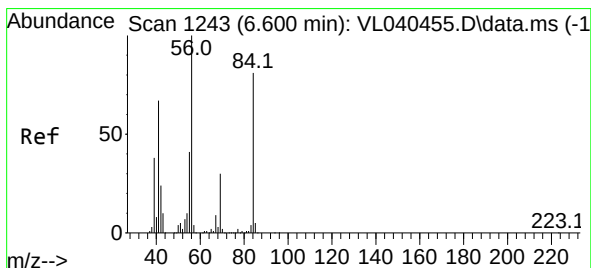
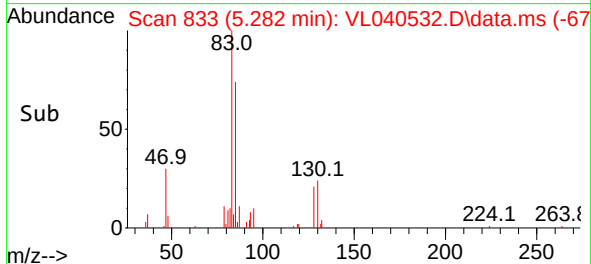
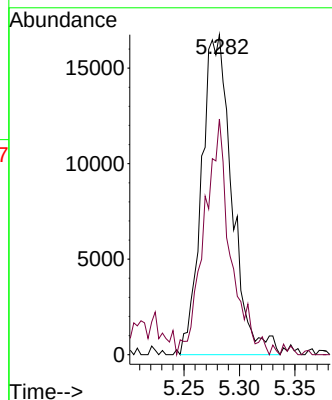
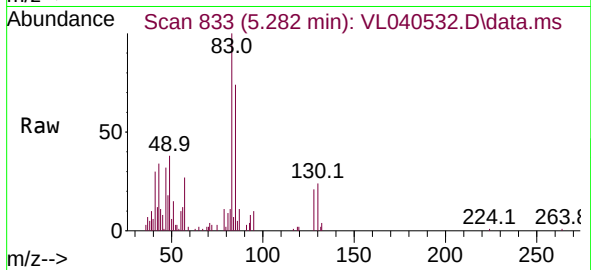
#29
Chloroform
Concen: 0.195 ppbv m
RT: 5.282 min Scan# 830
Delta R.T. -0.003 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 83 Resp: 3180
Ion Ratio Lower Upper
83 100
85 73.6 51.1 76.7

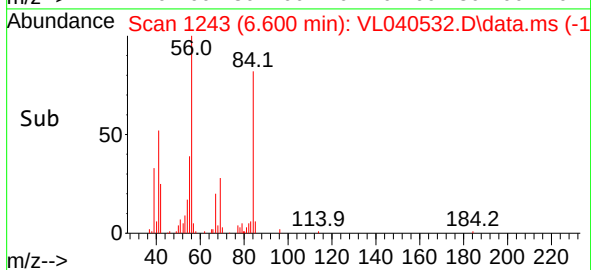
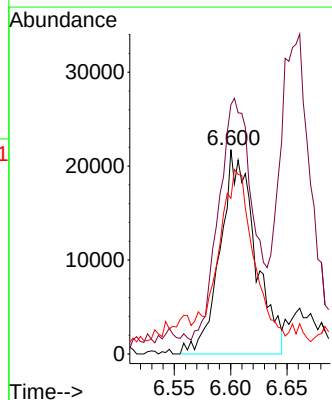
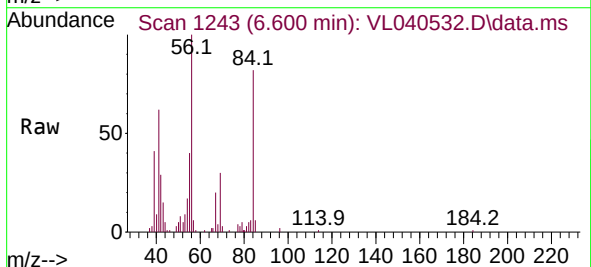
Manual Integrations
APPROVED

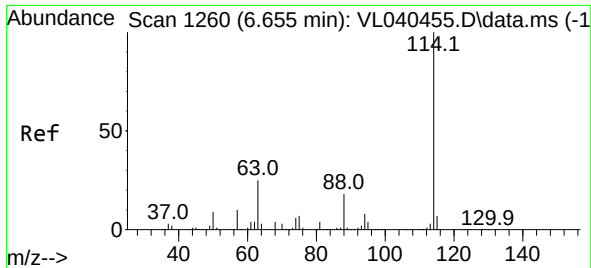
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#30
Cyclohexane
Concen: 0.571 ppbv m
RT: 6.600 min Scan# 1243
Delta R.T. -0.010 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

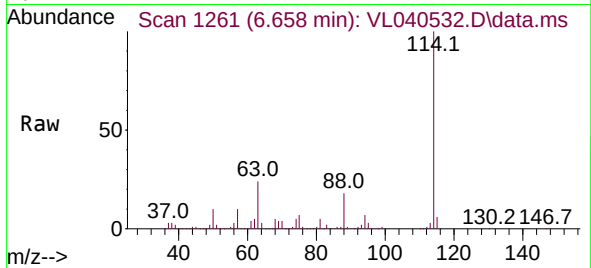
Tgt Ion: 84 Resp: 46639
Ion Ratio Lower Upper
84 100
56 0.0 108.7 163.1#
41 0.0 64.5 96.7#





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.658 min Scan# 114
Delta R.T. -0.006 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

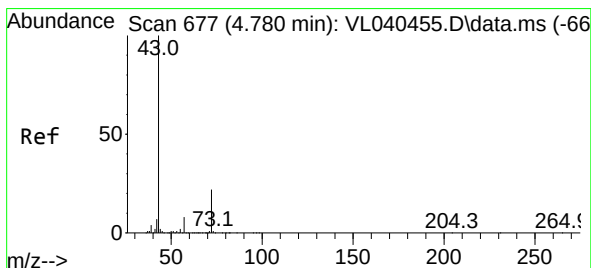
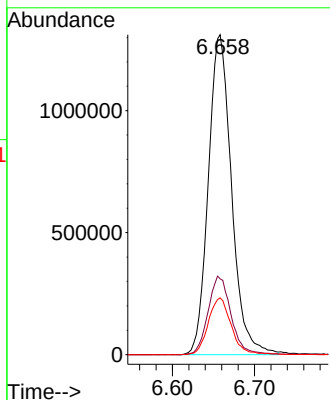
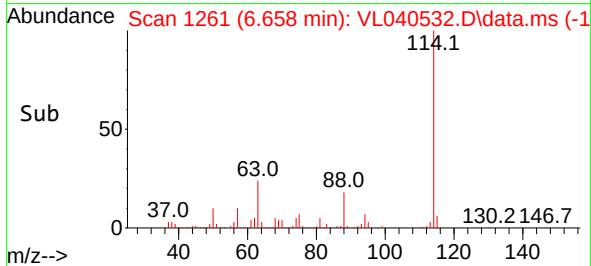
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



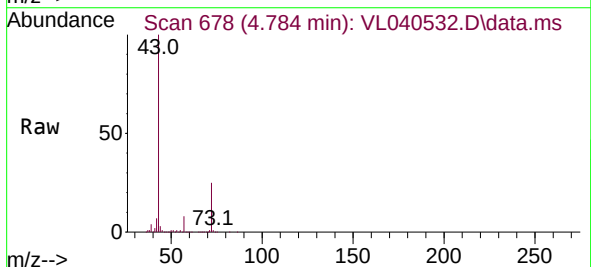
Tgt Ion:114 Resp: 258388
Ion Ratio Lower Upper
114 100
63 24.5 19.6 29.4
88 17.6 14.2 21.2

Manual Integrations
APPROVED

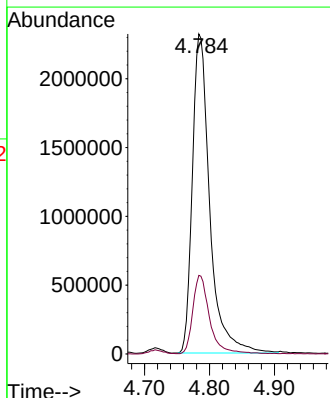
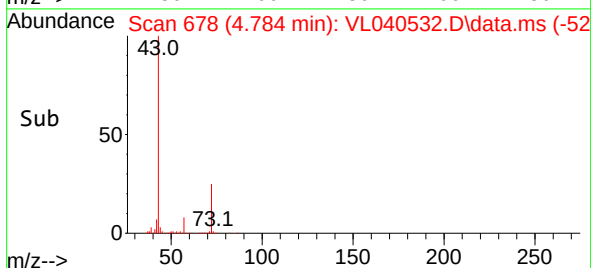
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

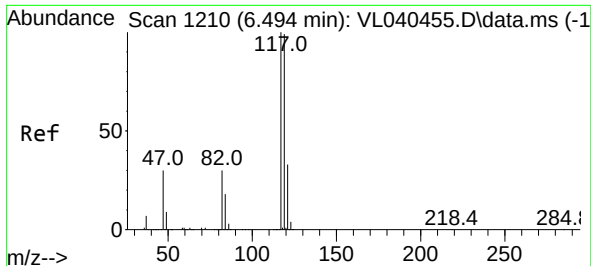


#34
2-Butanone
Concen: 33.902 ppbv
RT: 4.784 min Scan# 678
Delta R.T. -0.010 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12



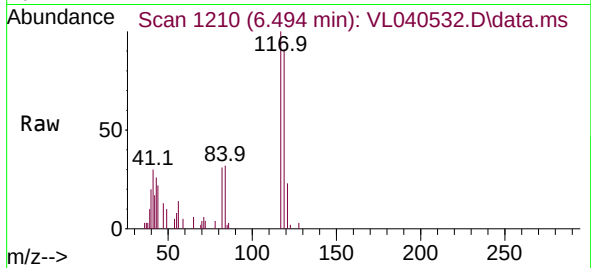
Tgt Ion: 43 Resp: 4328607
Ion Ratio Lower Upper
43 100
72 24.1 19.1 28.7





#35
Carbon Tetrachloride
Concen: 0.070 ppbv m
RT: 6.494 min Scan# 1170
Delta R.T. -0.010 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

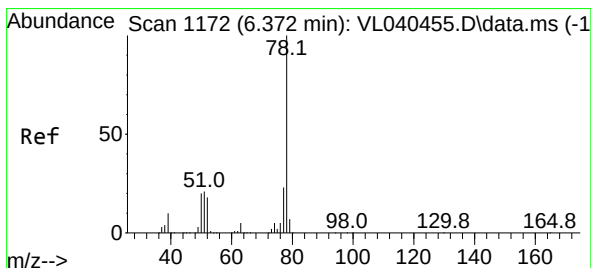
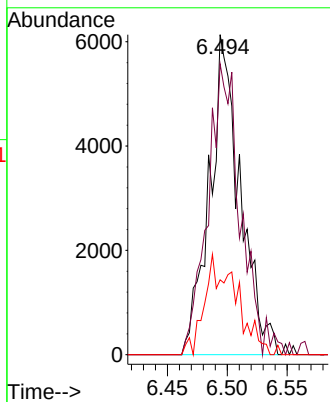
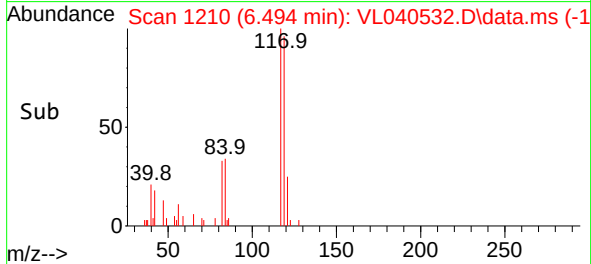
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 117 Resp: 10944
Ion Ratio Lower Upper
117 100
119 90.9 77.8 116.6
121 23.4 24.8 37.2

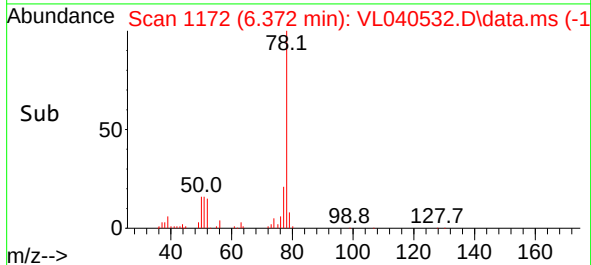
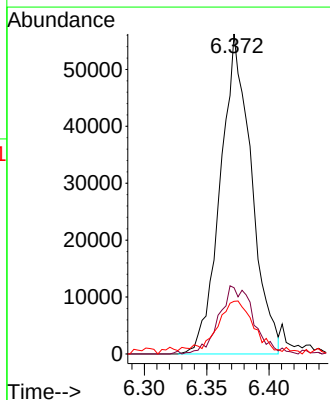
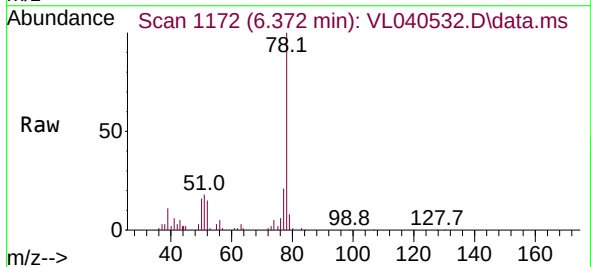
Manual Integrations
APPROVED

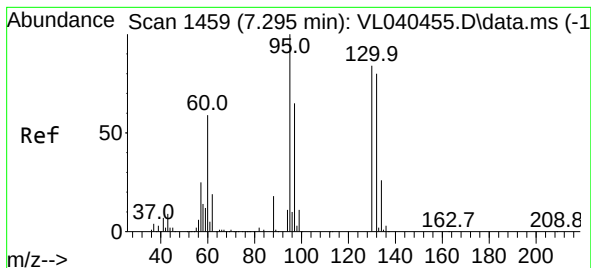
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#36
Benzene
Concen: 0.468 ppbv
RT: 6.372 min Scan# 1172
Delta R.T. -0.010 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

Tgt Ion: 78 Resp: 97367
Ion Ratio Lower Upper
78 100
77 19.8 17.4 26.0
50 15.1 14.4 21.6





#38

Trichloroethene

Concen: 0.049 ppbv m

RT: 7.295 min Scan# 1459

Delta R.T. -0.010 min

Lab File: VL040532.D

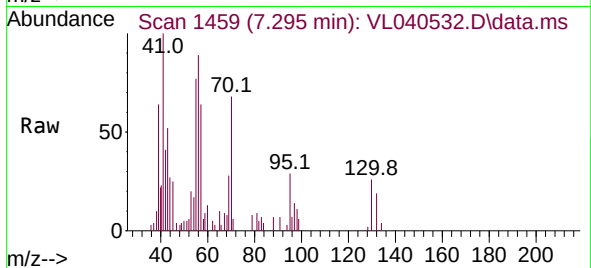
Acq: 14 Jul 2023 18:12

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

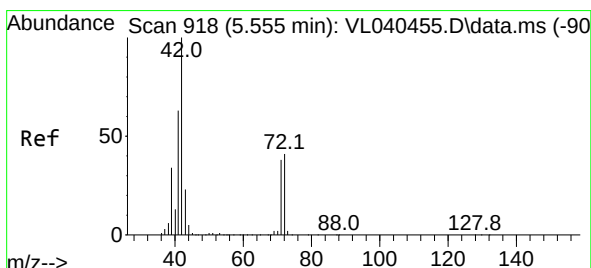
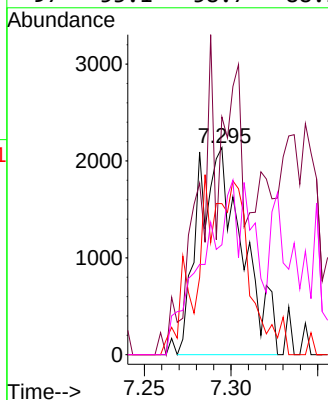
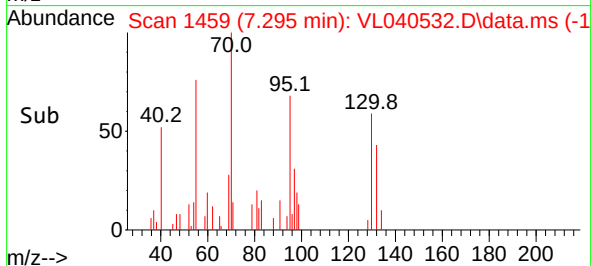


Tgt Ion:	130	Resp:	3810
Ion	Ratio	Lower	Upper
130	100		
95	114.8	90.2	135.2
132	72.9	76.3	114.5
97	53.1	58.7	88.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#41

Tetrahydrofuran

Concen: 0.550 ppbv m

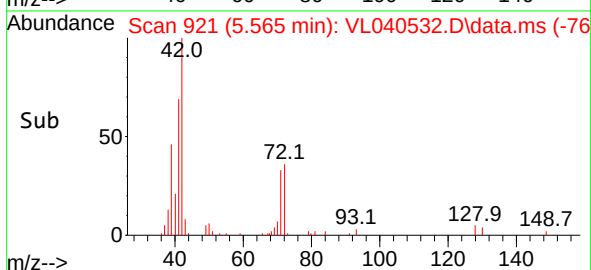
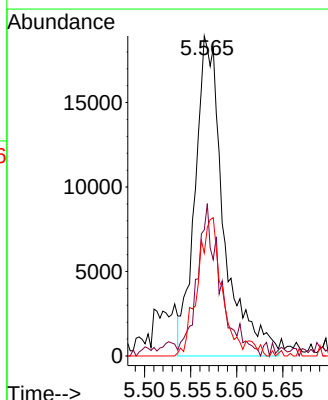
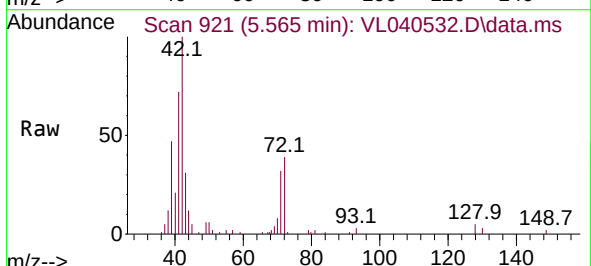
RT: 5.565 min Scan# 921

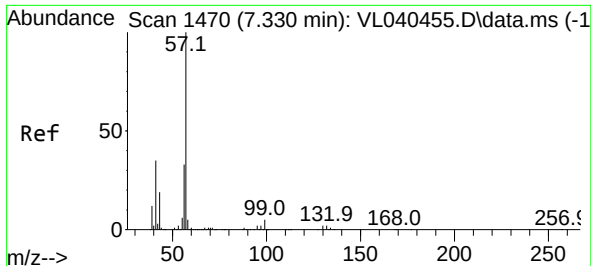
Delta R.T. 0.000 min

Lab File: VL040532.D

Acq: 14 Jul 2023 18:12

Tgt Ion:	42	Resp:	40977
Ion	Ratio	Lower	Upper
42	100		
72	41.8	33.8	50.8
71	0.0	33.0	49.6





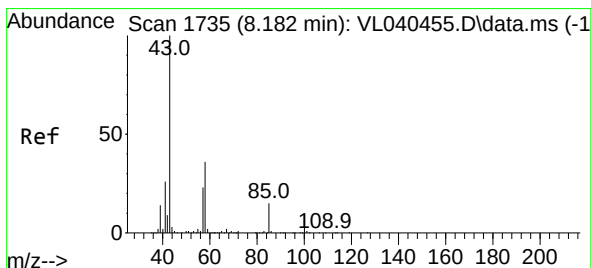
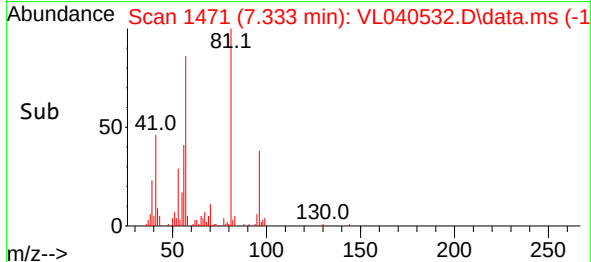
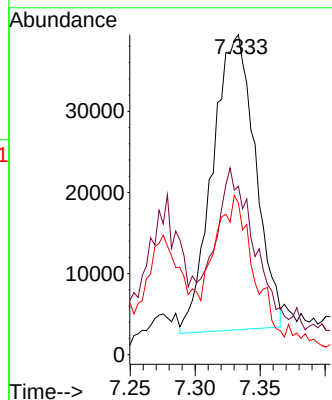
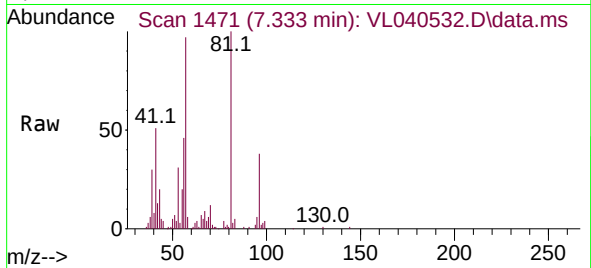
#44
2,2,4-Trimethylpentane
Concen: 0.250 ppbv
RT: 7.333 min Scan# 1470
Delta R.T. -0.003 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 57 Resp: 83510
Ion Ratio Lower Upper
57 100
41 72.5 25.5 38.3
56 61.0 25.1 37.7

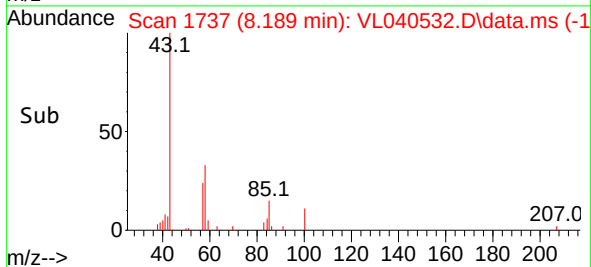
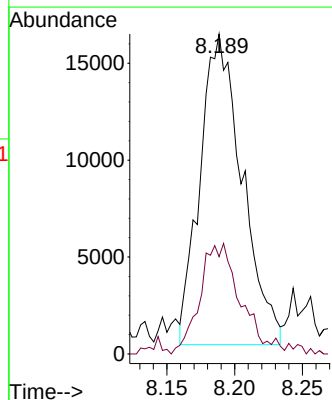
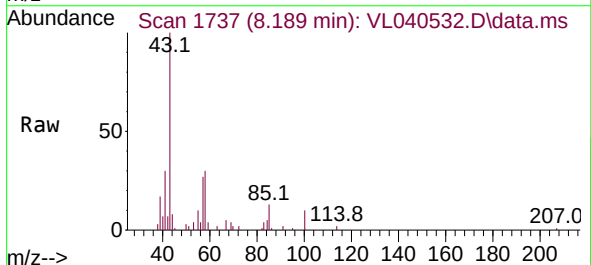
Manual Integrations
APPROVED

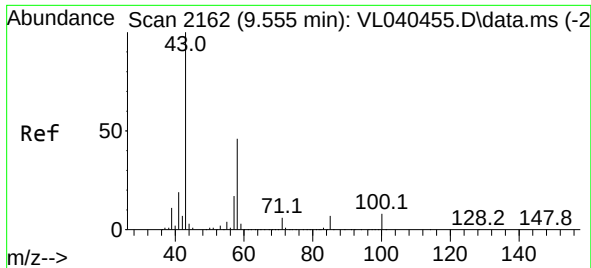
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#50
4-Methyl-2-Pentanone
Concen: 0.187 ppbv
RT: 8.189 min Scan# 1737
Delta R.T. -0.003 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

Tgt Ion: 43 Resp: 34656
Ion Ratio Lower Upper
43 100
58 36.7 30.2 45.2





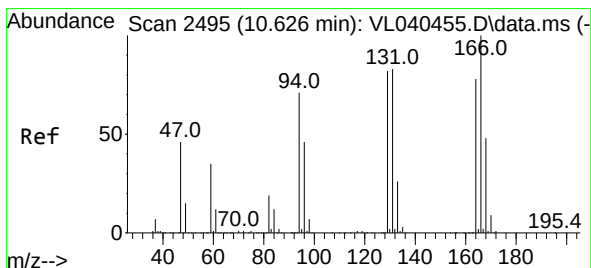
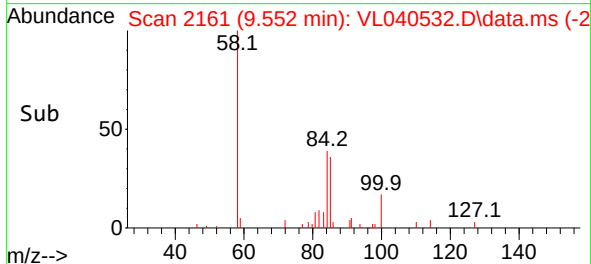
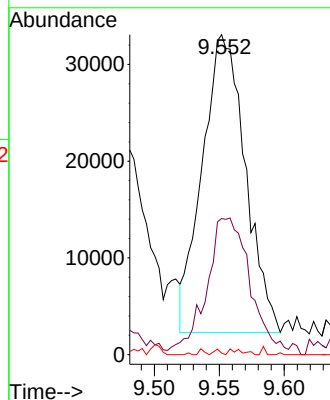
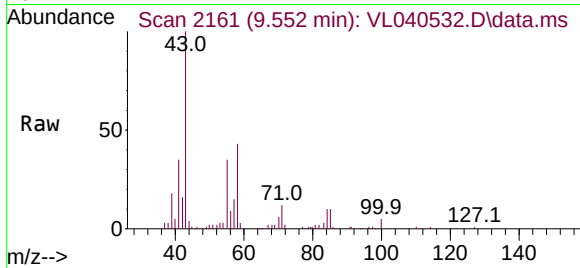
#51
2-Hexanone
Concen: 0.541 ppbv
RT: 9.552 min Scan# 2162
Delta R.T. -0.009 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 43 Resp: 71018
Ion Ratio Lower Upper
43 100
58 47.3 39.7 59.5
98 0.9 0.3 0.5

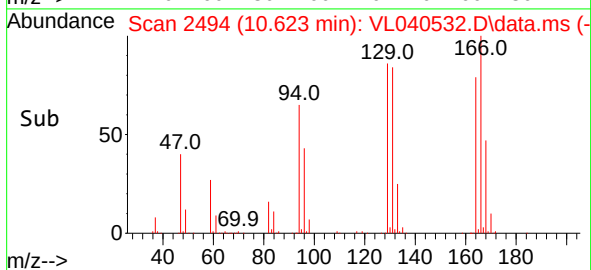
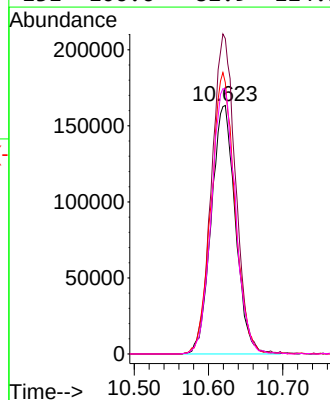
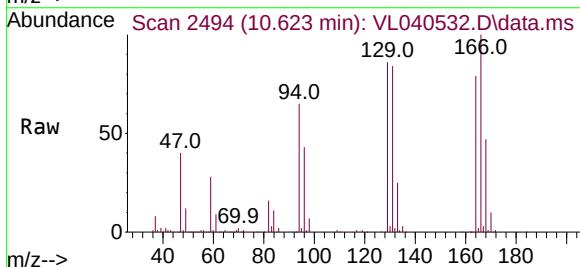
Manual Integrations
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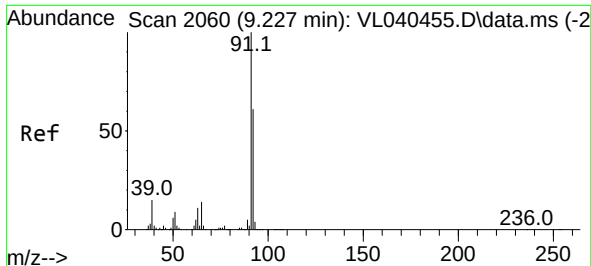
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#52
Tetrachloroethene
Concen: 5.444 ppbv
RT: 10.623 min Scan# 2494
Delta R.T. -0.003 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

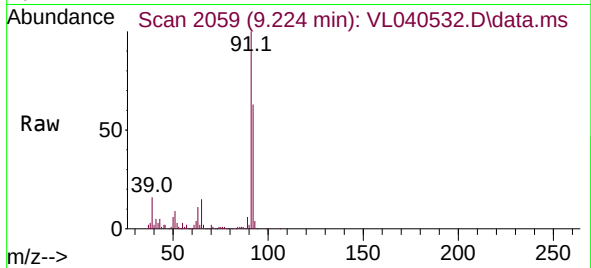
Tgt Ion:164 Resp: 366503
Ion Ratio Lower Upper
164 100
166 126.9 103.9 155.9
129 109.2 84.6 126.8
131 106.6 82.9 124.3





#53
Toluene
Concen: 2.878 ppbv
RT: 9.224 min Scan# 2060
Delta R.T. -0.006 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

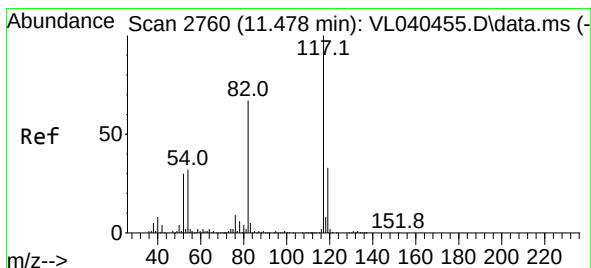
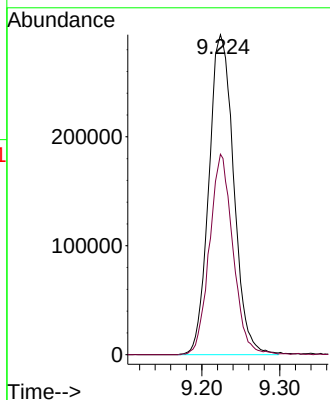
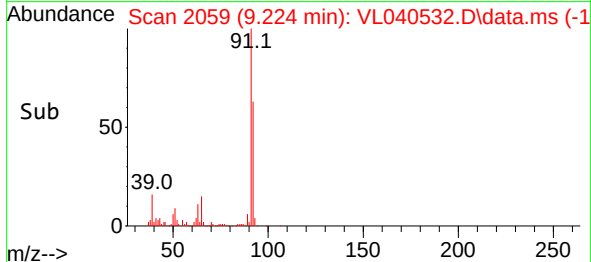
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion: 91 Resp: 64989
Ion Ratio Lower Upper
91 100
92 59.7 49.1 73.7

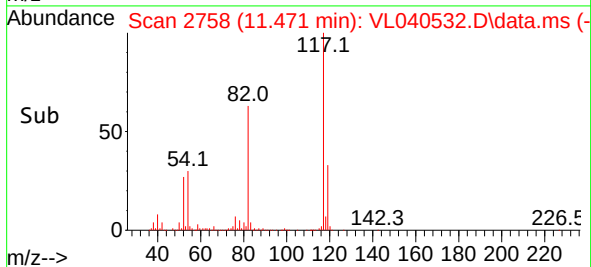
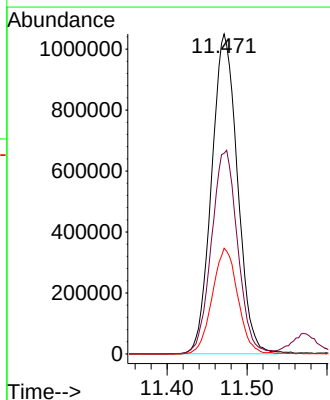
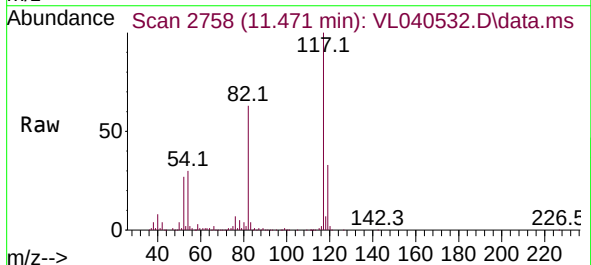
Manual Integrations
APPROVED

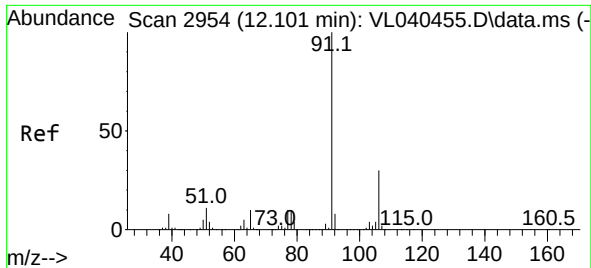
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2758
Delta R.T. -0.006 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

Tgt Ion:117 Resp: 2356023
Ion Ratio Lower Upper
117 100
82 64.6 50.2 75.4
119 32.9 26.9 40.3





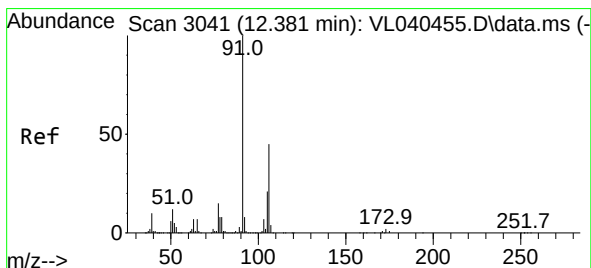
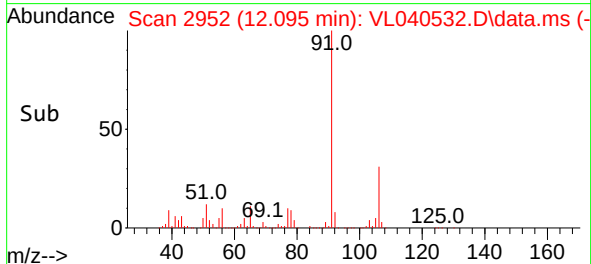
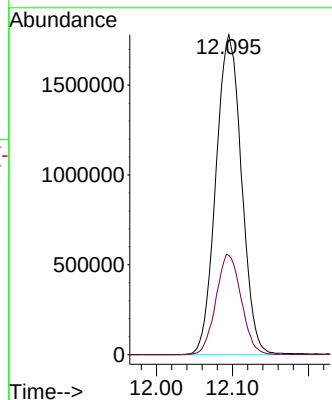
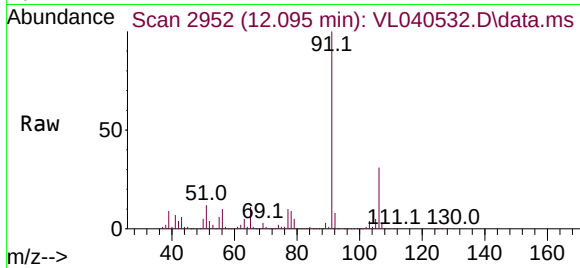
#58
Ethyl Benzene
Concen: 14.101 ppbv
RT: 12.095 min Scan# 2954
Delta R.T. -0.006 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 91 Resp: 416925
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.0

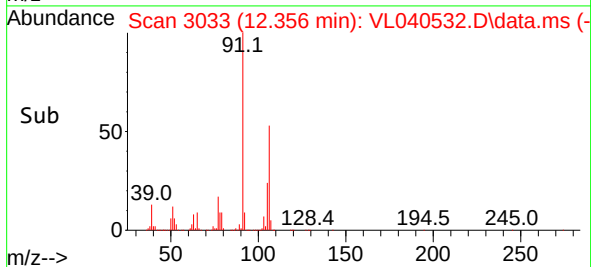
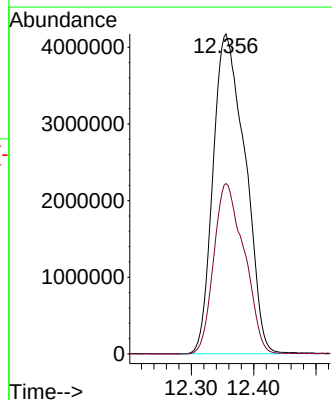
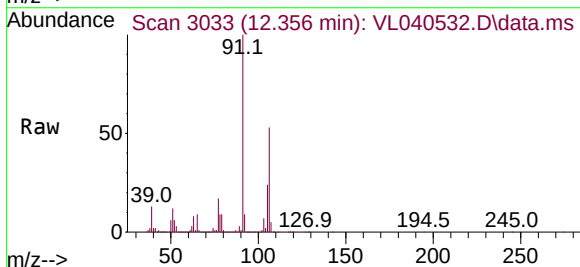
Manual Integrations
APPROVED

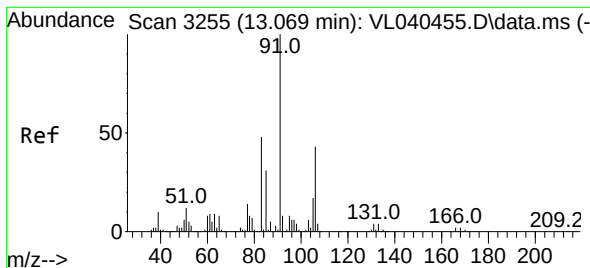
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#59
m/p-Xylene
Concen: 56.316 ppbv
RT: 12.356 min Scan# 3033
Delta R.T. -0.029 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

Tgt Ion: 91 Resp:14861414
Ion Ratio Lower Upper
91 100
106 51.0 35.9 53.9





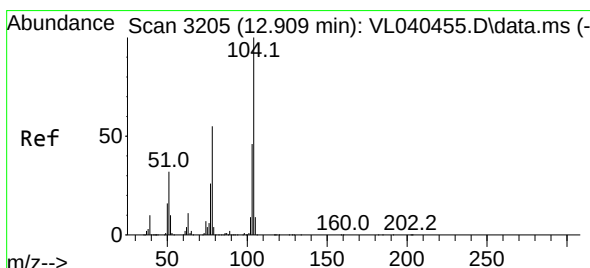
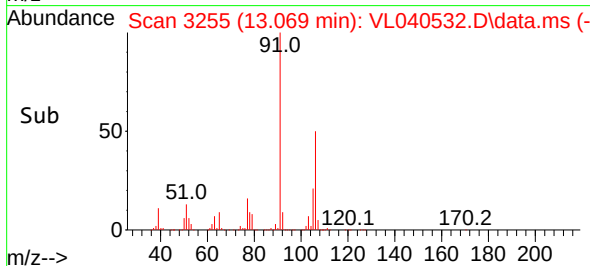
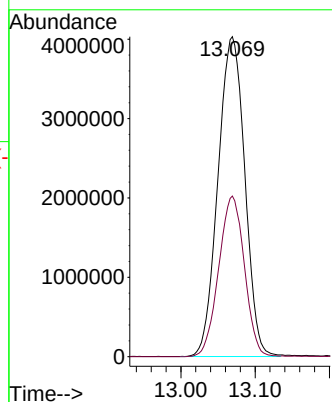
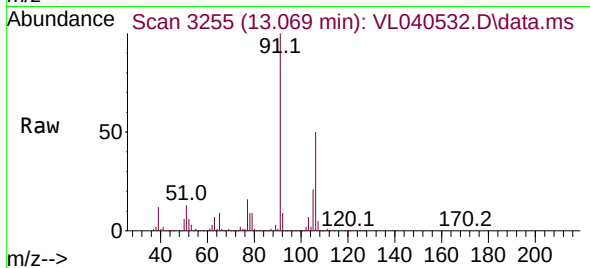
#60
o-Xylene
Concen: 40.239 ppbv
RT: 13.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion: 91 Resp:1011584
Ion Ratio Lower Upper
91 100
106 48.4 22.7 68.0

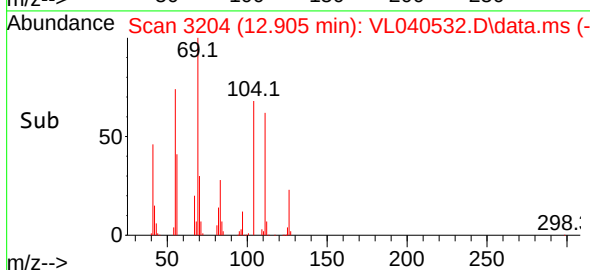
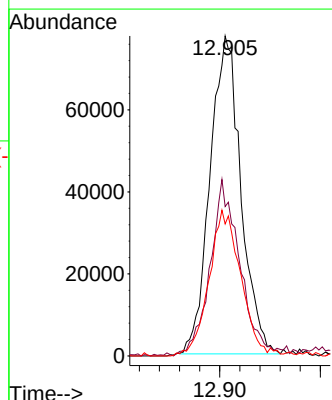
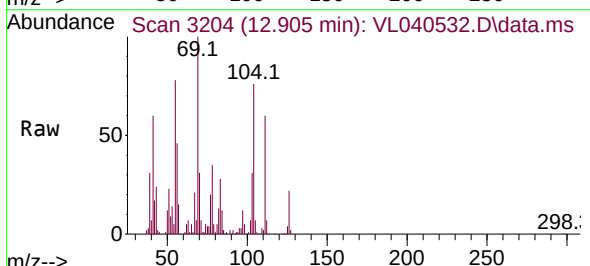
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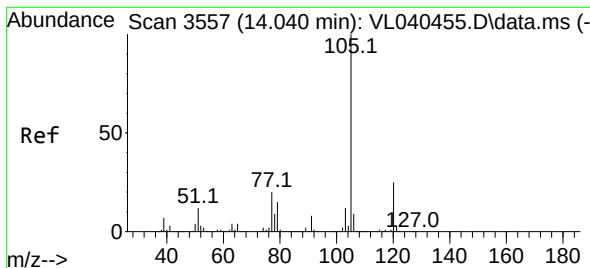
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#61
Styrene
Concen: 1.426 ppbv
RT: 12.905 min Scan# 3204
Delta R.T. -0.006 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

Tgt Ion:104 Resp: 165373
Ion Ratio Lower Upper
104 100
78 53.0 40.1 60.1
103 48.1 37.0 55.4





#62

Isopropylbenzene

Concen: 9.200 ppbv

RT: 14.040 min Scan# 3557

Delta R.T. 0.000 min

Lab File: VL040532.D

Acq: 14 Jul 2023 18:12

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP

Tgt Ion:105 Resp: 3466640

Ion Ratio Lower Upper

105 100

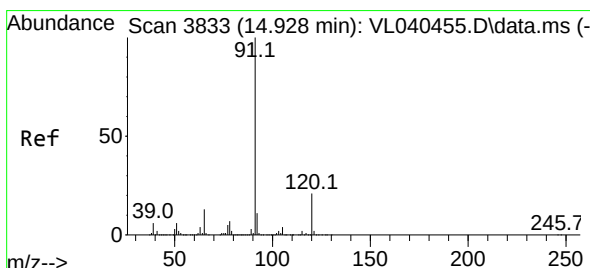
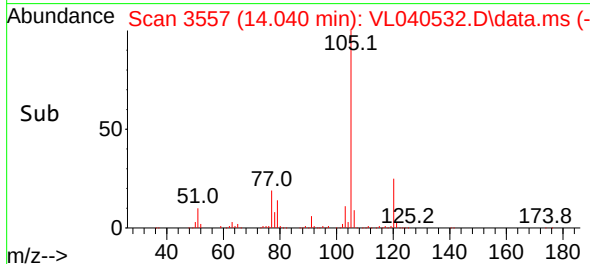
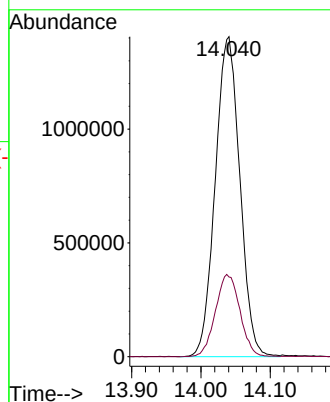
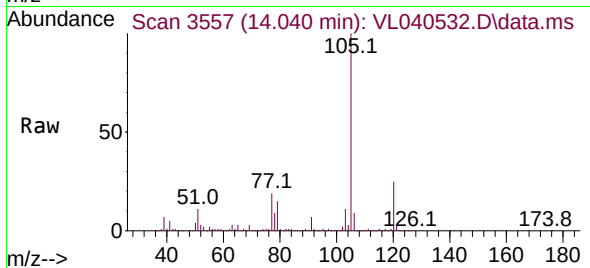
120 25.7 20.8 31.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#64

n-propylbenzene

Concen: 52.021 ppbv

RT: 14.937 min Scan# 3836

Delta R.T. 0.006 min

Lab File: VL040532.D

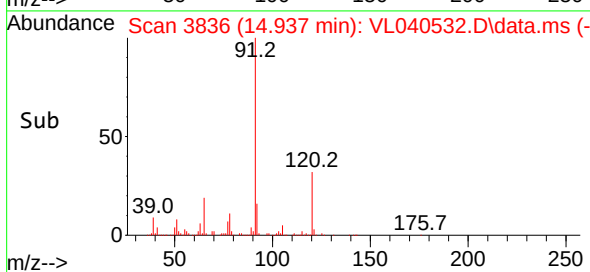
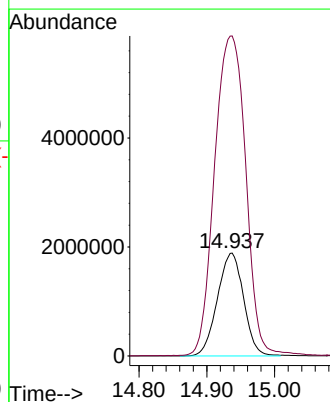
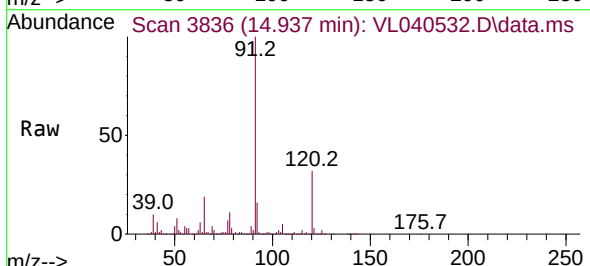
Acq: 14 Jul 2023 18:12

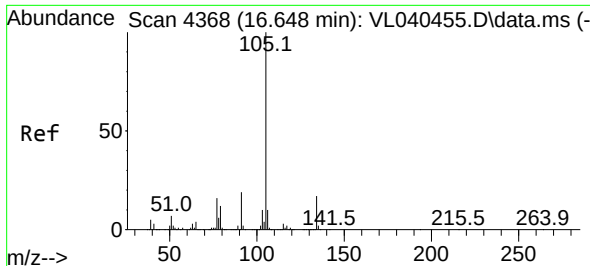
Tgt Ion:120 Resp: 5071333

Ion Ratio Lower Upper

120 100

91 370.9 374.3 561.5#





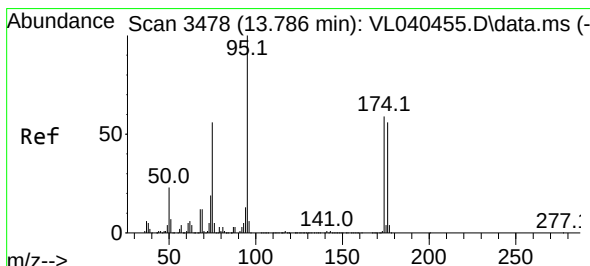
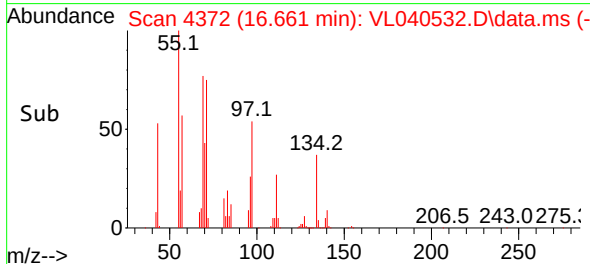
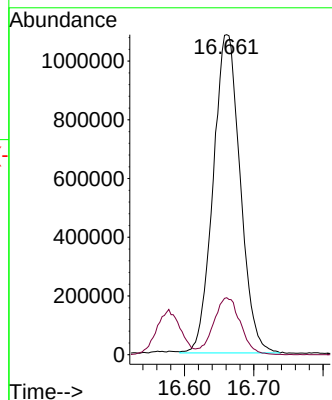
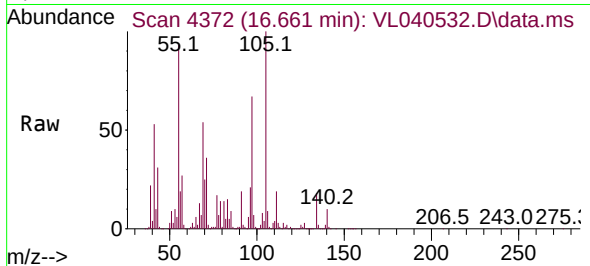
#67
sec-Butylbenzene
Concen: 5.999 ppbv
RT: 16.661 min Scan# 41
Delta R.T. 0.013 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP

Tgt Ion:105 Resp: 294005
Ion Ratio Lower Upper
105 100
134 18.0 14.4 21.6

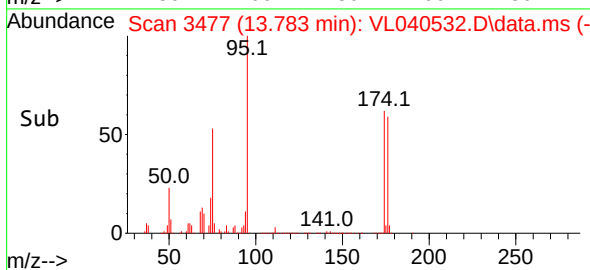
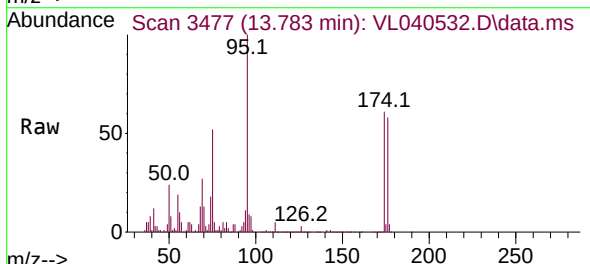
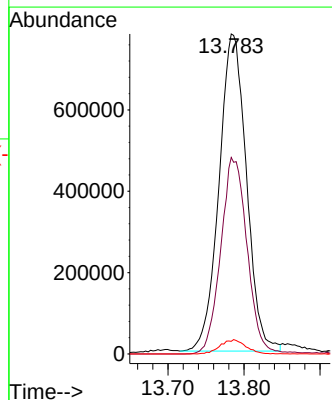
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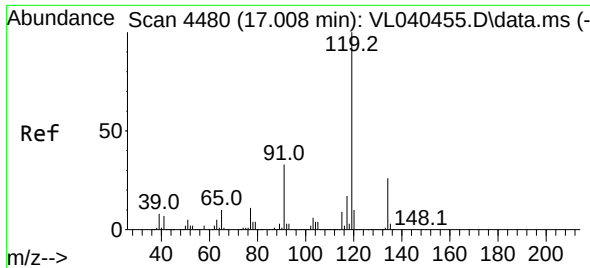
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#68
1-Bromo-4-Fluorobenzene
Concen: 10.456 ppbv
RT: 13.783 min Scan# 3477
Delta R.T. 0.000 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

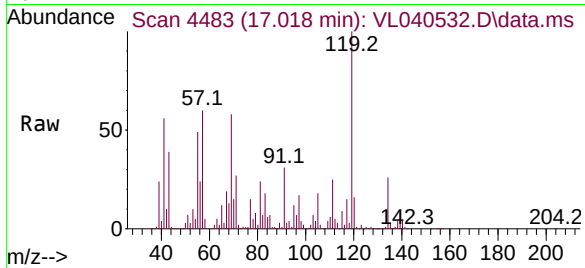
Tgt Ion: 95 Resp: 1949665
Ion Ratio Lower Upper
95 100
174 60.3 50.6 75.8
175 4.3 3.7 5.5





#69
p-Isopropyltoluene
Concen: 5.670 ppbv m
RT: 17.018 min Scan# 4480
Delta R.T. 0.013 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

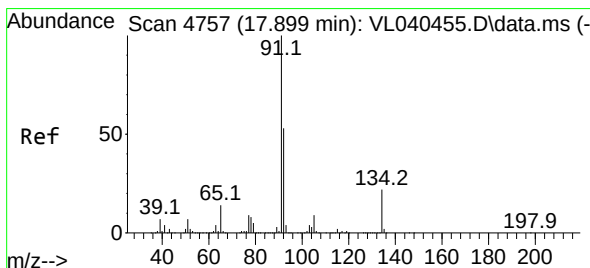
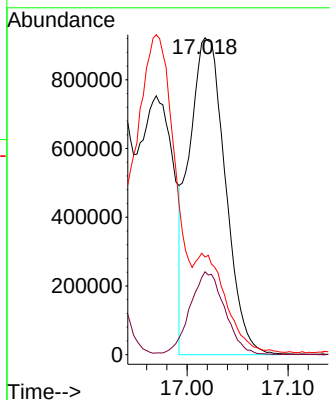
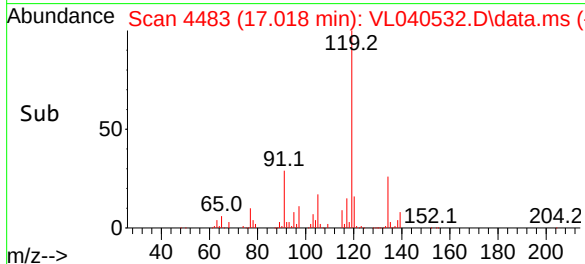
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



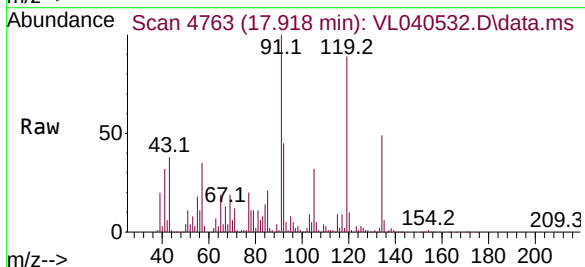
Tgt Ion:119 Resp: 229664
Ion Ratio Lower Upper
119 100
134 51.5 20.5 30.7
91 53.7 23.8 35.8

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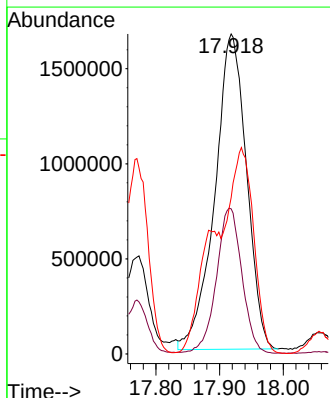
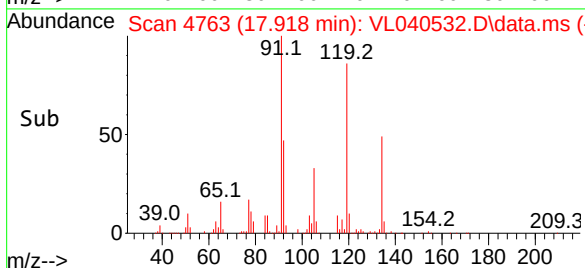
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

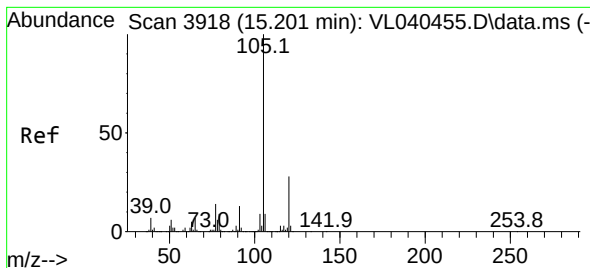


#70
n-Butylbenzene
Concen: 12.686 ppbv
RT: 17.918 min Scan# 4763
Delta R.T. 0.023 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12



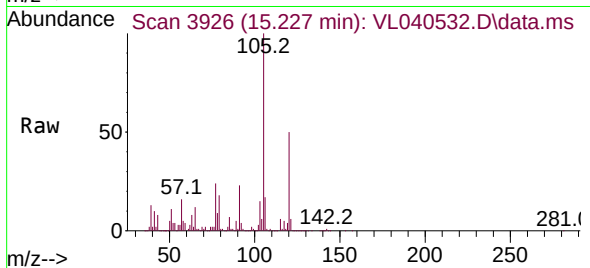
Tgt Ion: 91 Resp: 5729846
Ion Ratio Lower Upper
91 100
92 37.3 43.4 65.0#
134 80.0 18.1 27.1#





#72
4-Ethyltoluene
Concen: 63.593 ppbv m
RT: 15.227 min Scan# 3918
Delta R.T. 0.023 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

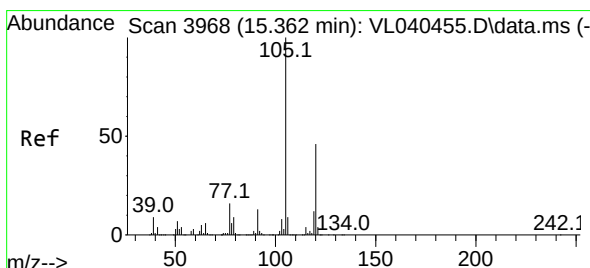
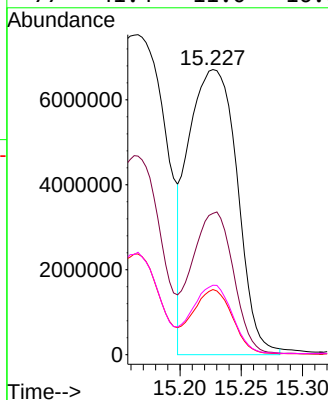
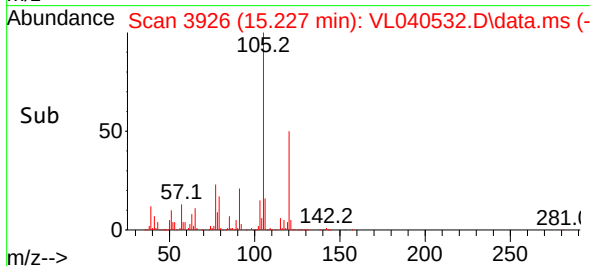
Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion:105 Resp:1873993
Ion Ratio Lower Upper
105 100
120 85.2 24.6 37.0#
91 41.3 10.7 16.1#
77 41.4 11.0 16.6#

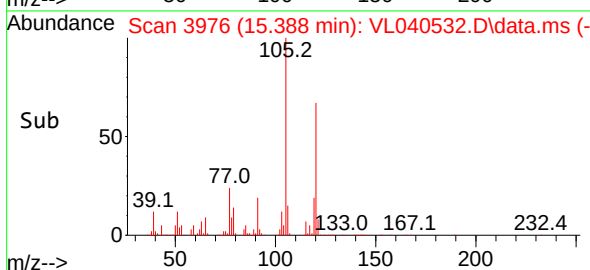
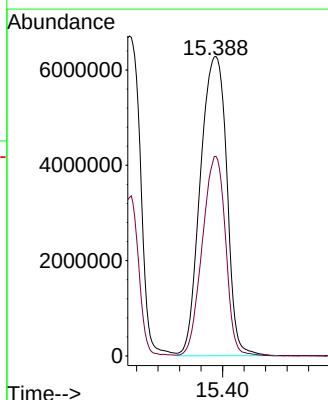
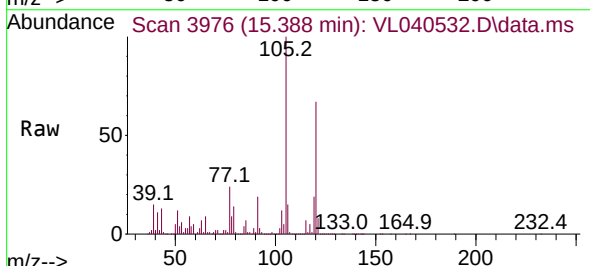
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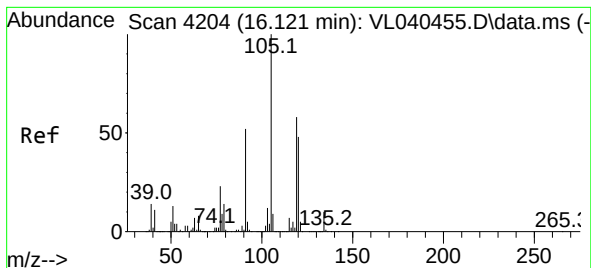
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#73
1,3,5-Trimethylbenzene
Concen: 82.374 ppbv
RT: 15.388 min Scan# 3976
Delta R.T. 0.026 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

Tgt Ion:105 Resp:21396800
Ion Ratio Lower Upper
105 100
120 66.6 38.2 57.2#





#74

1,2,4-Trimethylbenzene

Concen: 140.566 ppbv

RT: 16.175 min Scan# 4204

Delta R.T. 0.058 min

Lab File: VL040532.D

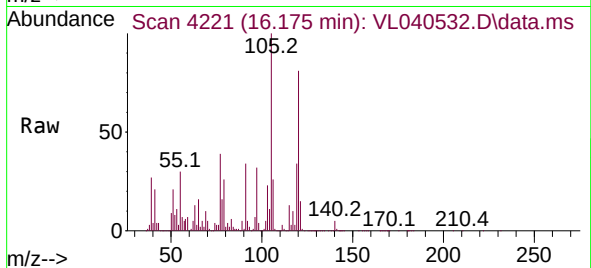
Acq: 14 Jul 2023 18:12

Instrument :

MSVOA_L

ClientSampleId :

IA1DUP



Tgt Ion:105 Resp:42570549

Ion Ratio Lower Upper

105 100

120 81.5 40.3 60.5

91 33.5 46.8 70.2

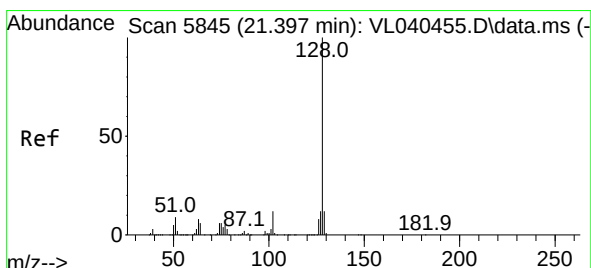
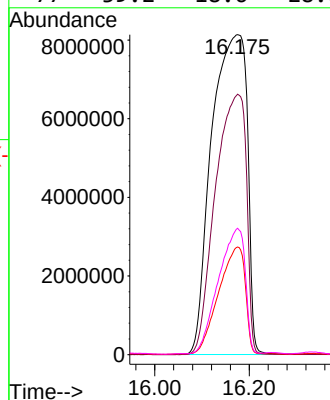
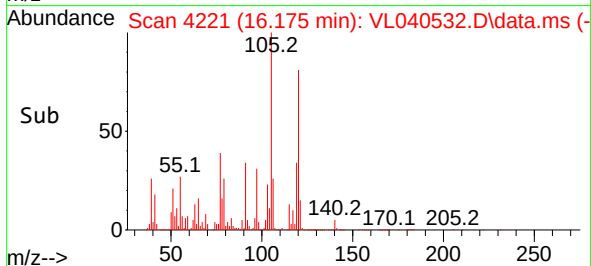
77 39.2 18.6 28.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#79

Naphthalene

Concen: 19.833 ppbv

RT: 21.403 min Scan# 5847

Delta R.T. 0.010 min

Lab File: VL040532.D

Acq: 14 Jul 2023 18:12

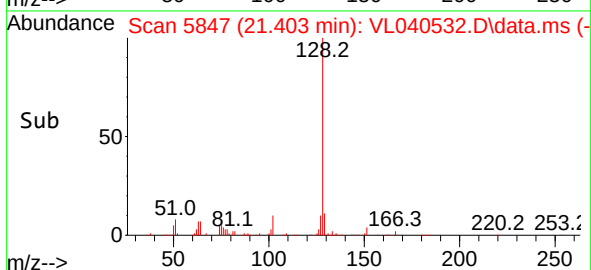
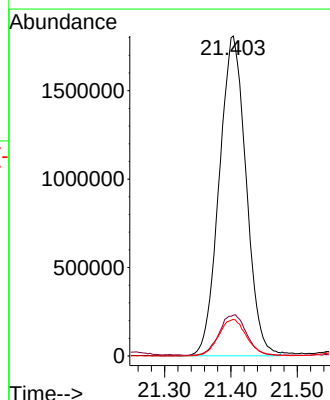
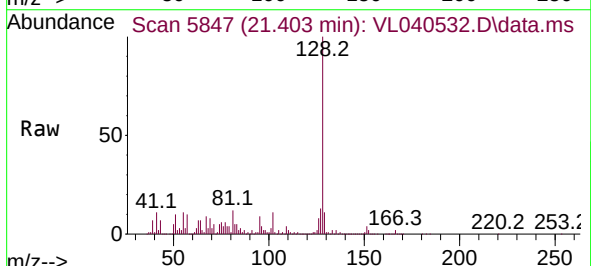
Tgt Ion:128 Resp: 5081946

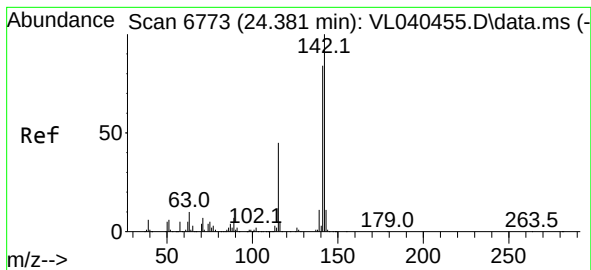
Ion Ratio Lower Upper

128 100

127 12.4 10.7 16.1

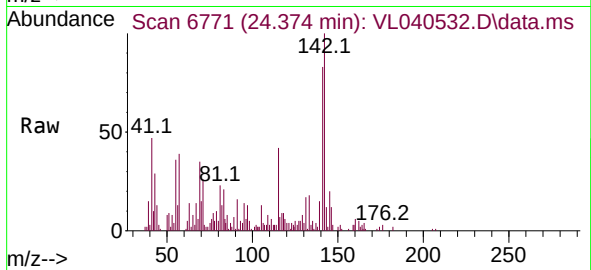
129 11.5 9.2 13.8





#80
Naphthalene, 2-methyl-
Concen: 0.593 ppbv
RT: 24.374 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL040532.D
Acq: 14 Jul 2023 18:12

Instrument :
MSVOA_L
ClientSampleId :
IA1DUP



Tgt Ion:142 Resp: 62669
Ion Ratio Lower Upper
142 100
141 78.7 66.7 100.1
115 70.1 33.0 49.6

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

