

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071423\
 Data File : VL040531.D
 Acq On : 14 Jul 2023 17:25
 Operator : SY/MD
 Sample : 03636-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

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

Quant Time: Jul 16 23:31:32 2023

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 11 2023

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	951827	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.655	114	2418501	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.471	117	2212572	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.783 95 1916878 10.947 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 109.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.735	85	81862	0.430	ppbv	94
3) Chlorodifluoromethane	2.681	51	48110m	0.319	ppbv	
4) Chloromethane	2.819	50	42857	0.717	ppbv	97
9) Propene	2.700	41	482988	9.351	ppbv	98
10) Heptane	7.581	43	350546	3.074	ppbv	99
11) Trichlorofluoromethane	3.568	101	43055	0.280	ppbv	91
13) Ethanol	3.250	45	80409m	7.155	ppbv	
15) Acetone	3.472	43	1131049	10.323	ppbv #	65
17) tert-Butyl alcohol	3.890	59	23702m	0.209	ppbv	
19) Isopropyl Alcohol	3.584	45	39302m	0.625	ppbv	
20) Methylene Chloride	3.938	84	719523	15.439	ppbv	98
26) Hexane	5.218	57	583760	6.024	ppbv #	43
27) Carbon Disulfide	4.128	76	16158	0.142	ppbv #	50
29) Chloroform	5.279	83	31807	0.198	ppbv	97
30) Cyclohexane	6.603	84	38187	0.474	ppbv #	87
34) 2-Butanone	4.787	43	2885525	24.145	ppbv	99
35) Carbon Tetrachloride	6.491	117	12760m	0.088	ppbv	
36) Benzene	6.375	78	87426	0.449	ppbv	93
38) Trichloroethene	7.288	130	4097m	0.056	ppbv	
41) Tetrahydrofuran	5.571	42	28703m	0.412	ppbv	
44) 2,2,4-Trimethylpentane	7.330	57	84911m	0.271	ppbv	
50) 4-Methyl-2-Pentanone	8.185	43	30207m	0.174	ppbv	
51) 2-Hexanone	9.555	43	55667m	0.453	ppbv	
52) Tetrachloroethene	10.623	164	330891	5.251	ppbv	95
53) Toluene	9.221	91	549255	2.598	ppbv	99
58) Ethyl Benzene	12.095	91	3925852	14.139	ppbv	99
59) m/p-Xylene	12.356	91	14736653	59.464	ppbv	91
60) o-Xylene	13.069	91	10055265	42.592	ppbv	95
61) Styrene	12.902	104	150434m	1.381	ppbv	
62) Isopropylbenzene	14.037	105	3282499	9.277	ppbv	98
64) n-propylbenzene	14.934	120	4897689	53.497	ppbv	65
67) sec-Butylbenzene	16.658	105	2667467	5.795	ppbv	99
69) p-Isopropyltoluene	17.021	119	2085563m	5.483	ppbv	
70) n-Butylbenzene	17.918	91	5412711	12.761	ppbv #	49
72) 4-Ethyltoluene	15.227	105	19028231	68.758	ppbv #	85
73) 1,3,5-Trimethylbenzene	15.384	105	20275248	83.117	ppbv #	74
74) 1,2,4-Trimethylbenzene	16.169	105	40367069	141.932	ppbv #	63
79) Naphthalene	21.403	128	4885122	20.301	ppbv	99
80) Naphthalene,2-methyl-	24.378	142	76038m	0.766	ppbv	

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

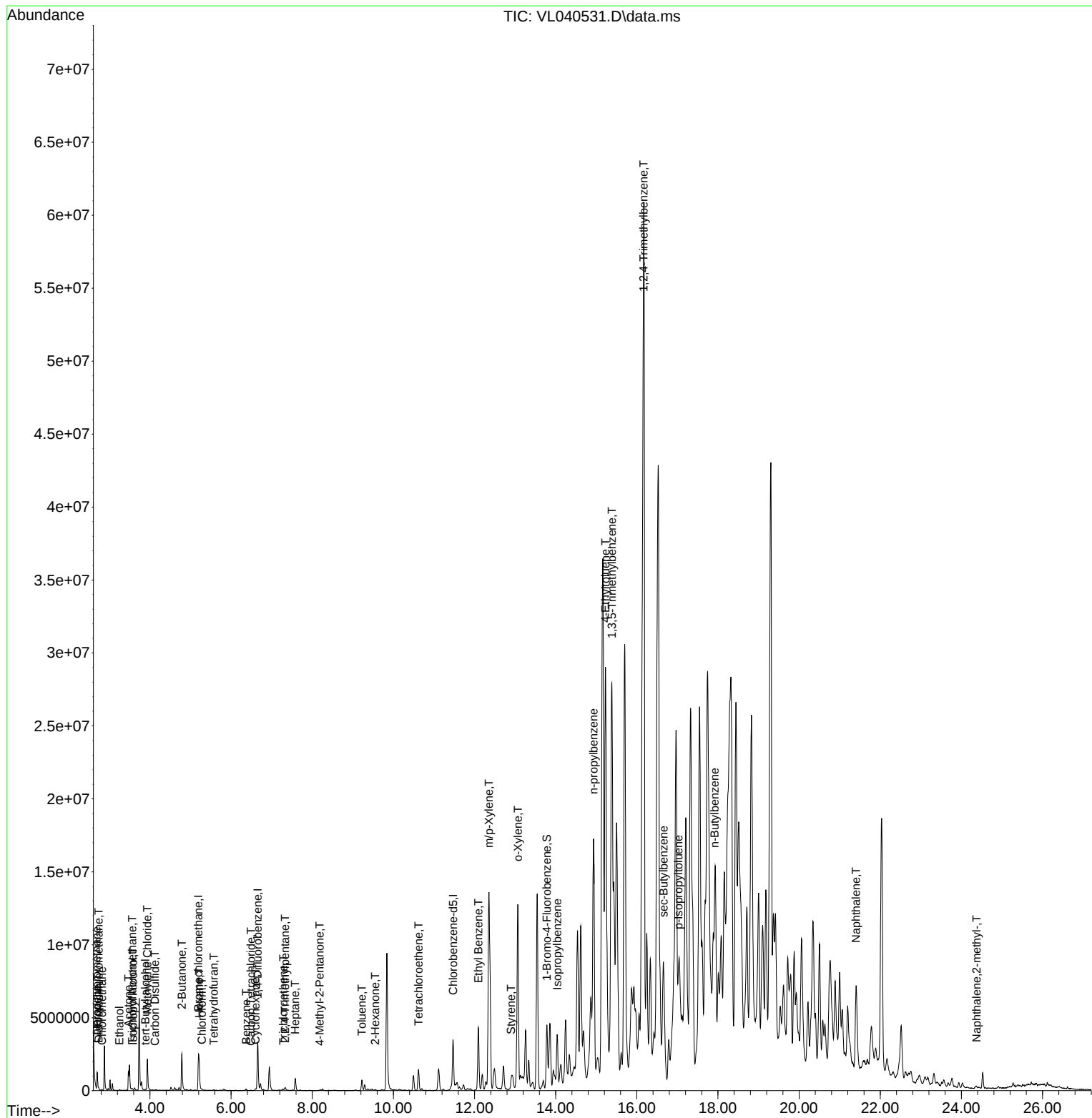
Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071423\
Data File : VL040531.D
Acq On : 14 Jul 2023 17:25
Operator : SY/MD
Sample : 03636-02
Misc : 400mL/MSVOA_L
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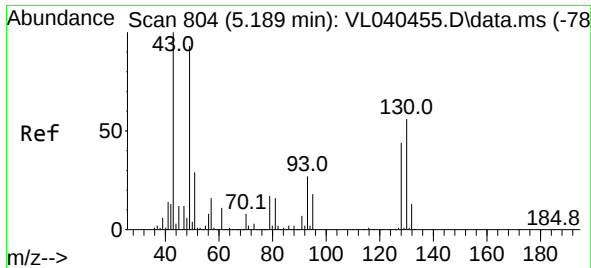
Instrument :
MSVOA_L
ClientSampleId :
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Supervised By :Mahesh Dadoda 07/17/2023

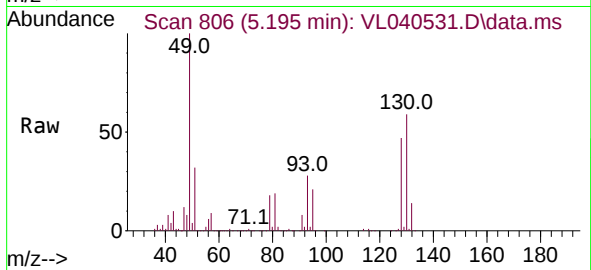
Quant Time: Jul 16 23:31:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Mon Jul 10 16:32:00 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.195 min Scan# 804
Delta R.T. -0.007 min
Lab File: VL040531.D
Acq: 14 Jul 2023 17:25

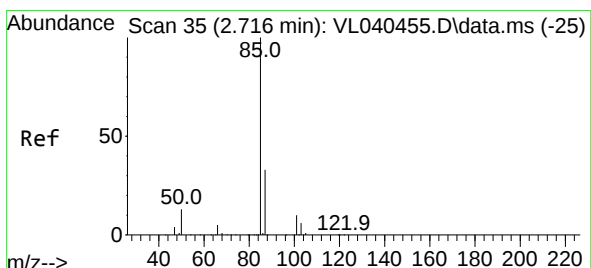
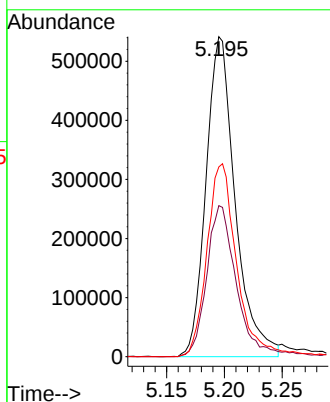
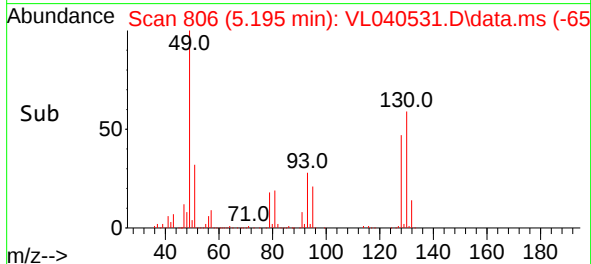
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 49 Resp: 95182
Ion Ratio Lower Upper
49 100
128 49.3 25.1 75.4
130 62.7 31.6 94.7

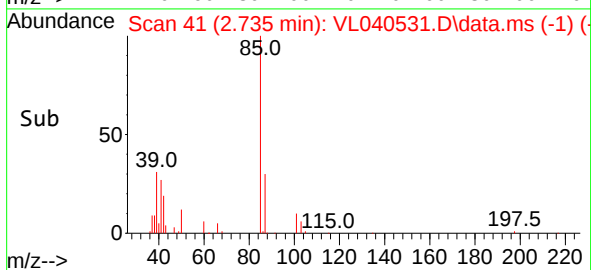
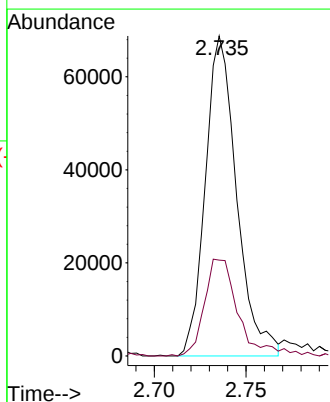
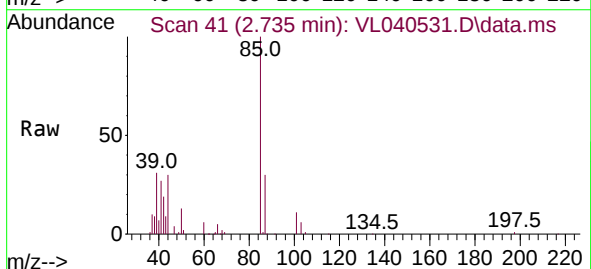
Manual Integrations
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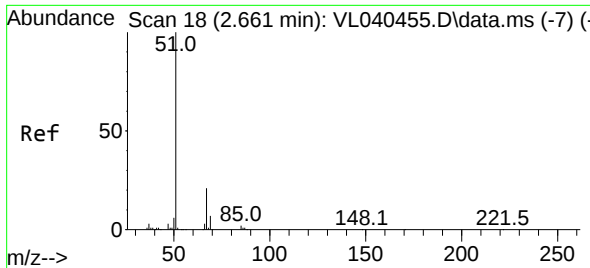
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#2
Dichlorodifluoromethane
Concen: 0.430 ppbv
RT: 2.735 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL040531.D
Acq: 14 Jul 2023 17:25

Tgt Ion: 85 Resp: 81862
Ion Ratio Lower Upper
85 100
87 29.9 26.8 40.2





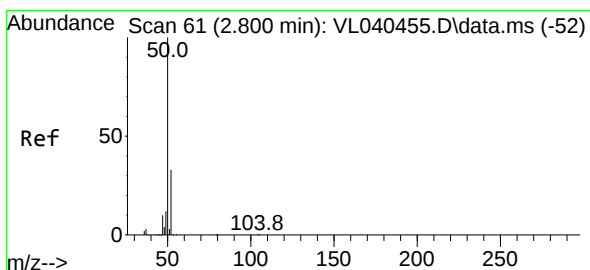
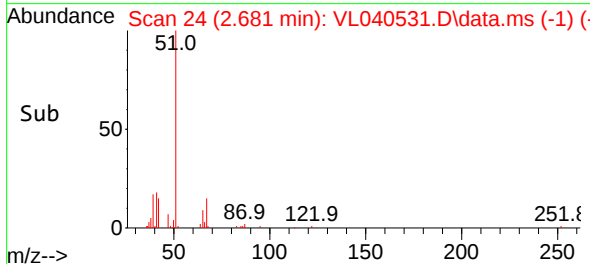
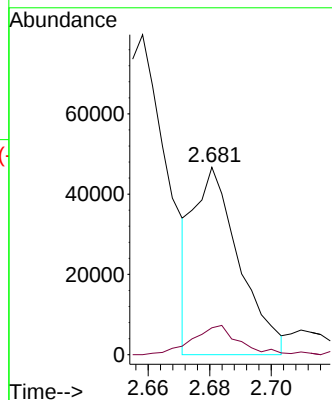
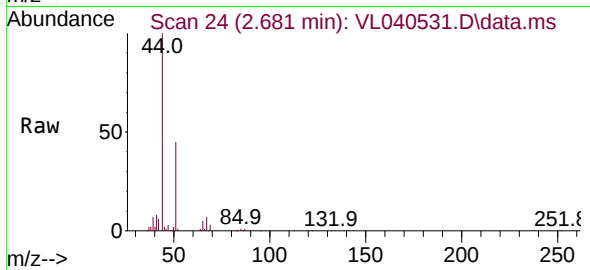
#3
Chlorodifluoromethane
Concen: 0.319 ppbv m
RT: 2.681 min Scan# 24
Delta R.T. -0.003 min
Lab File: VL040531.D
Acq: 14 Jul 2023 17:25

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 51 Resp: 48110
Ion Ratio Lower Upper
51 100
67 3.5 14.6 21.8

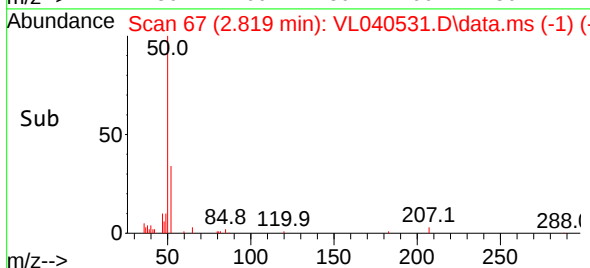
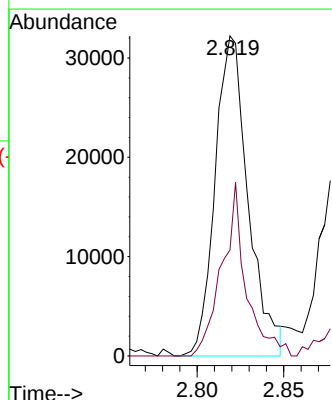
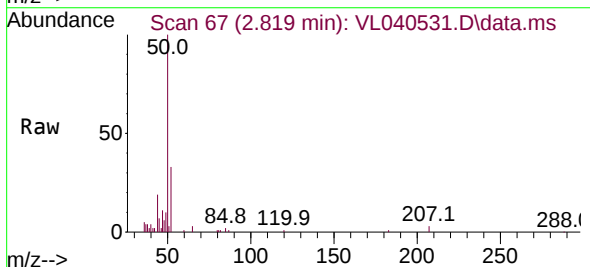
Manual Integrations
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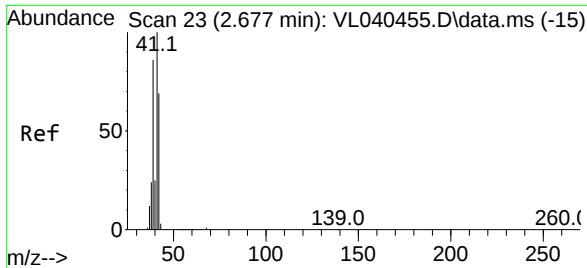
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#4
Chloromethane
Concen: 0.717 ppbv
RT: 2.819 min Scan# 67
Delta R.T. -0.003 min
Lab File: VL040531.D
Acq: 14 Jul 2023 17:25

Tgt Ion: 50 Resp: 42857
Ion Ratio Lower Upper
50 100
52 32.3 24.4 36.6





#9

Propene

Concen: 9.351 ppbv

RT: 2.700 min Scan# 30

Delta R.T. -0.003 min

Lab File: VL040531.D

Acq: 14 Jul 2023 17:25

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tgt Ion: 41 Resp: 48298

Ion Ratio Lower Upper

41 100

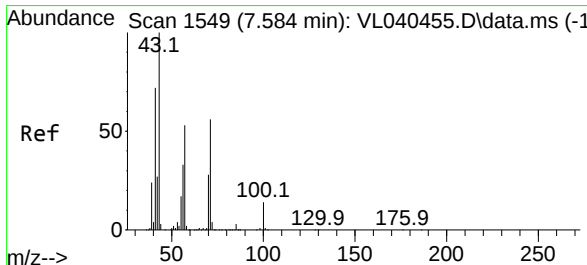
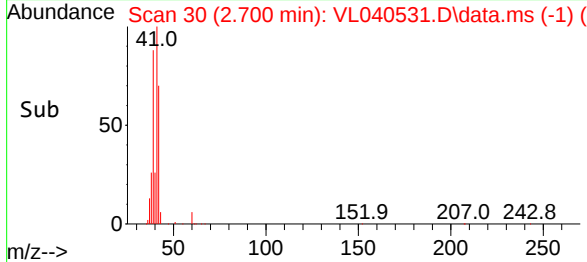
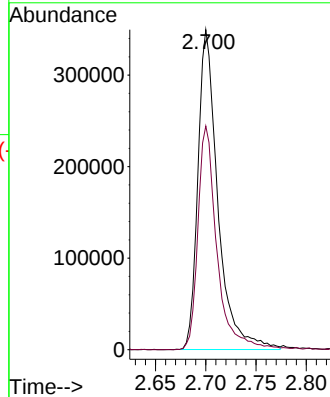
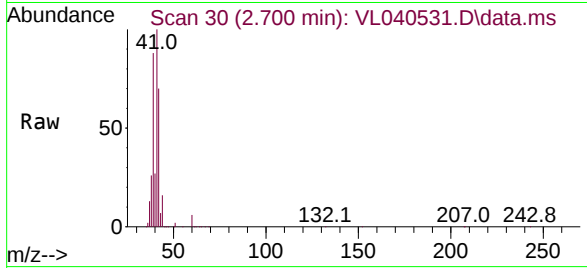
42 67.5 55.0 82.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#10

Heptane

Concen: 3.074 ppbv

RT: 7.581 min Scan# 1548

Delta R.T. -0.010 min

Lab File: VL040531.D

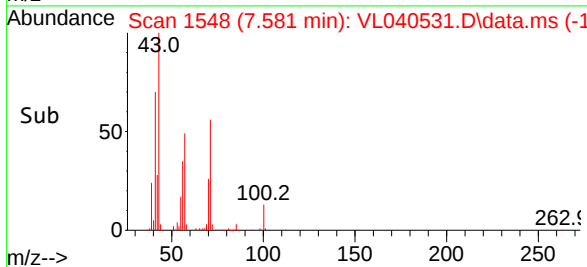
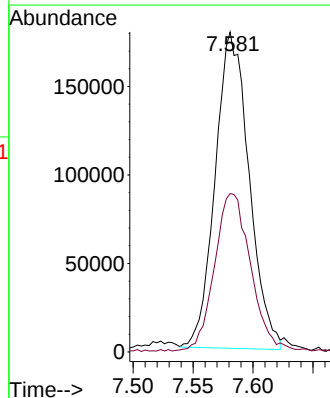
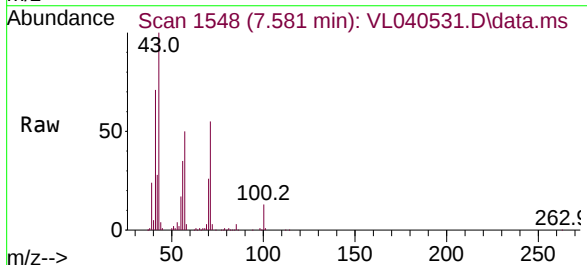
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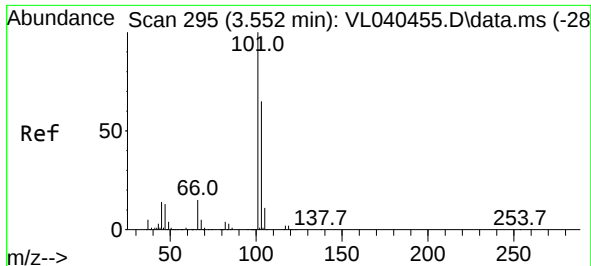
Tgt Ion: 43 Resp: 350546

Ion Ratio Lower Upper

43 100

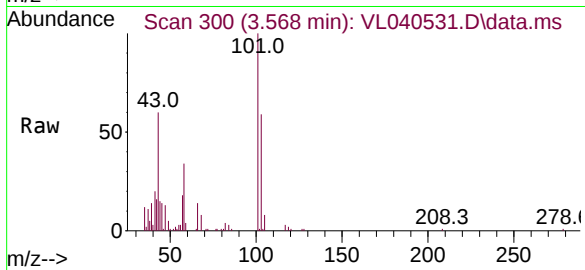
57 54.2 42.5 63.7





#11
 Trichlorofluoromethane
 Concen: 0.280 ppbv
 RT: 3.568 min Scan# 300
 Delta R.T. -0.003 min
 Lab File: VL040531.D
 Acq: 14 Jul 2023 17:25

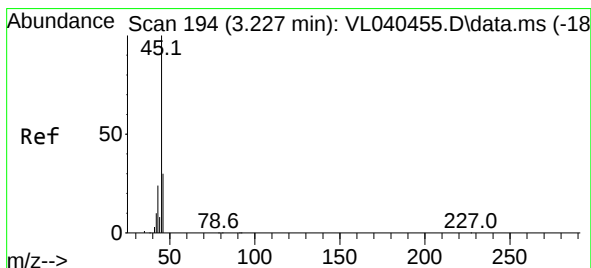
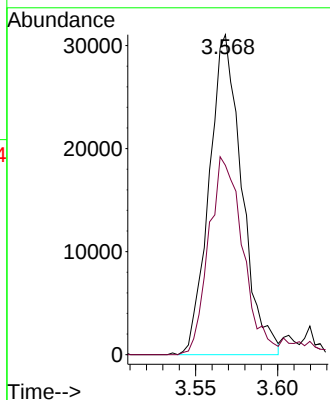
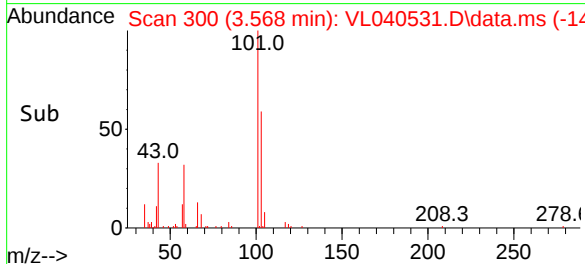
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1



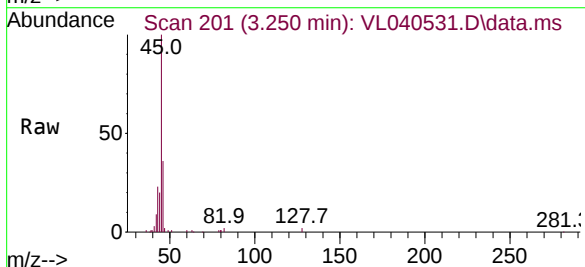
Tgt Ion:101 Resp: 4305
 Ion Ratio Lower Upper
 101 100
 103 59.2 53.4 80.0

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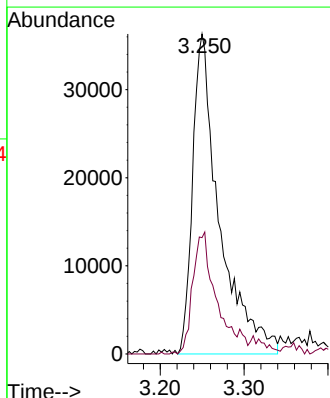
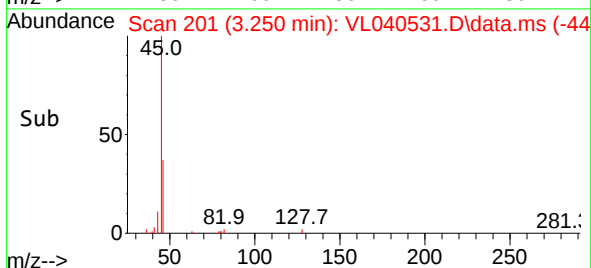
Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023

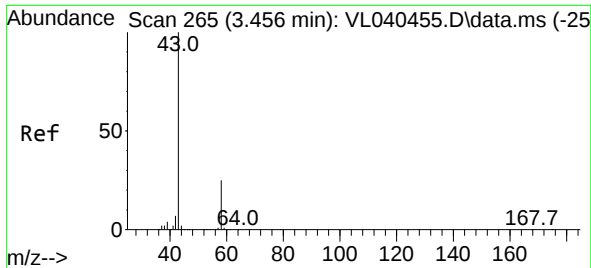


#13
 Ethanol
 Concen: 7.155 ppbv m
 RT: 3.250 min Scan# 201
 Delta R.T. 0.003 min
 Lab File: VL040531.D
 Acq: 14 Jul 2023 17:25



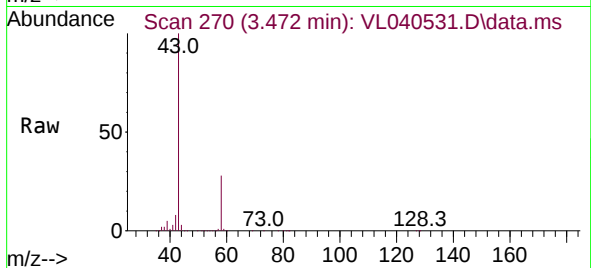
Tgt Ion: 45 Resp: 80409
 Ion Ratio Lower Upper
 45 100
 46 37.1 15.3 61.1





#15
Acetone
Concen: 10.323 ppbv
RT: 3.472 min Scan# 211
Delta R.T. -0.003 min
Lab File: VL040531.D
Acq: 14 Jul 2023 17:25

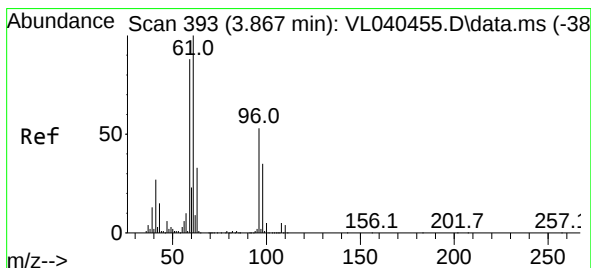
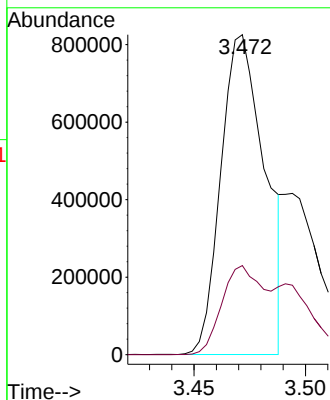
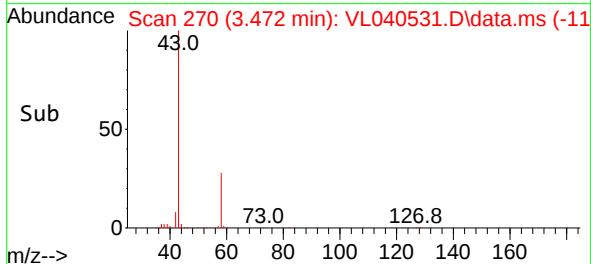
Instrument :
MSVOA_L
ClientSampleId :
IA1



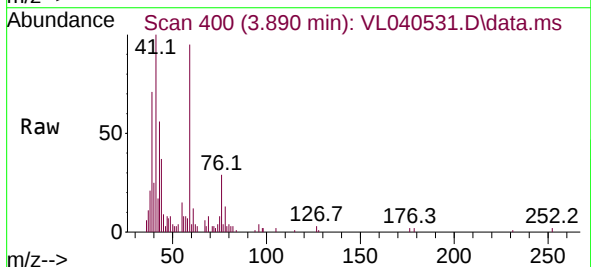
Tgt Ion: 43 Resp: 1131049
Ion Ratio Lower Upper
43 100
58 47.2 22.9 34.3

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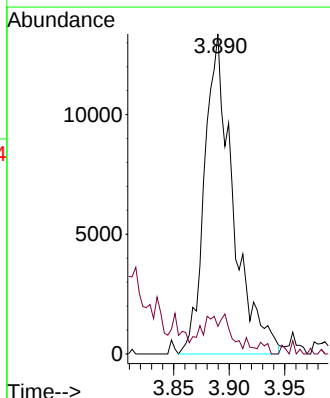
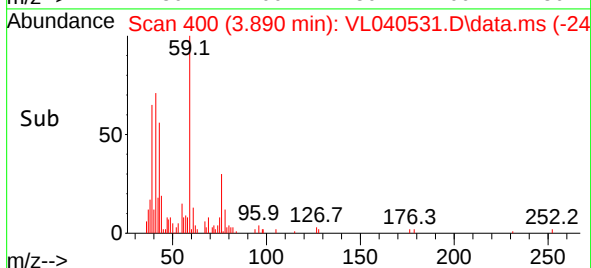
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

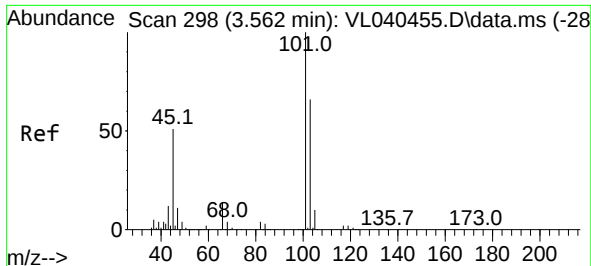


#17
tert-Butyl alcohol
Concen: 0.209 ppbv m
RT: 3.890 min Scan# 400
Delta R.T. 0.006 min
Lab File: VL040531.D
Acq: 14 Jul 2023 17:25



Tgt Ion: 59 Resp: 23702
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1





#19

Isopropyl Alcohol

Concen: 0.625 ppbv m

RT: 3.584 min Scan# 305

Delta R.T. 0.003 min

Lab File: VL040531.D

Acq: 14 Jul 2023 17:25

Instrument :

MSVOA_L

ClientSampleId :

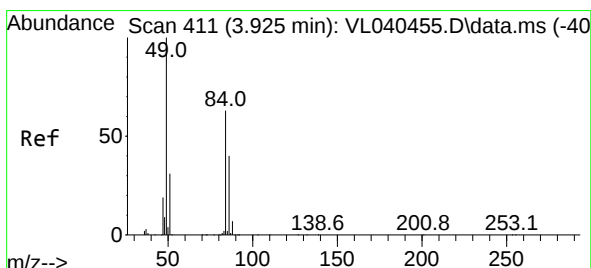
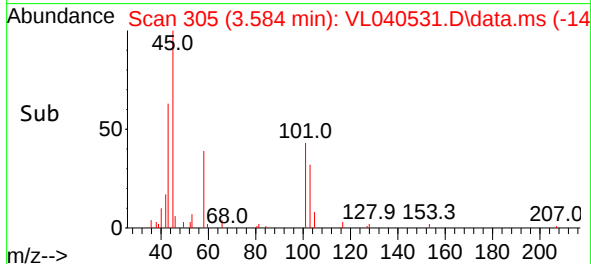
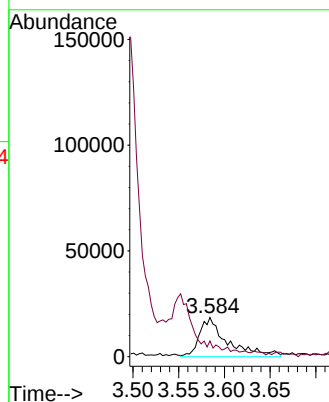
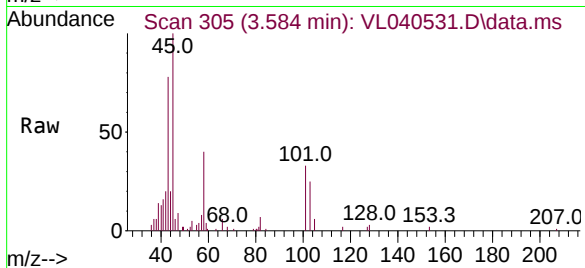
IA1

Tgt Ion: 45 Resp: 39302
 Ion Ratio Lower Upper
 45 100
 58 153.1 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: 15.439 ppbv

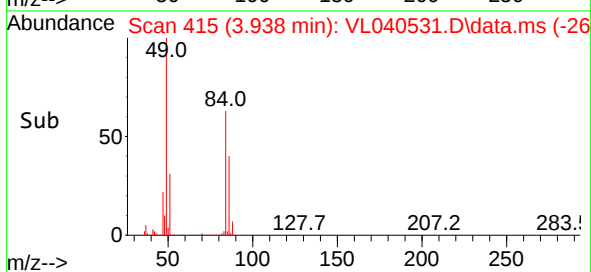
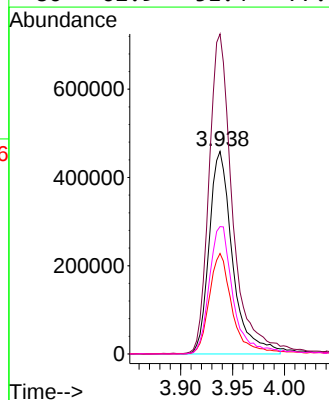
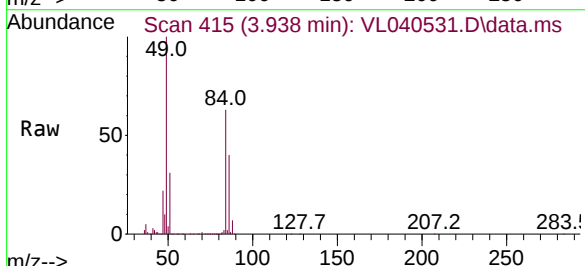
RT: 3.938 min Scan# 415

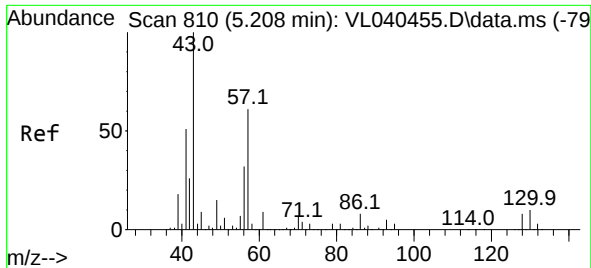
Delta R.T. -0.003 min

Lab File: VL040531.D

Acq: 14 Jul 2023 17:25

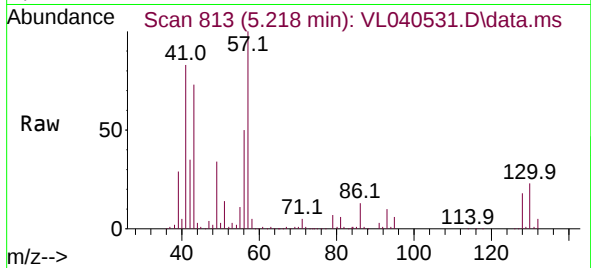
Tgt Ion: 84 Resp: 719523
 Ion Ratio Lower Upper
 84 100
 49 157.6 123.4 185.2
 51 49.3 38.3 57.5
 86 62.9 51.4 77.0





#26
Hexane
Concen: 6.024 ppbv
RT: 5.218 min Scan# 810
Delta R.T. -0.003 min
Lab File: VL040531.D
Acq: 14 Jul 2023 17:25

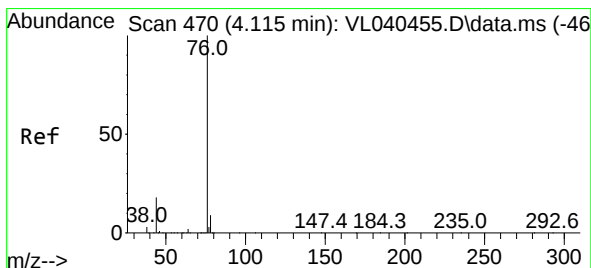
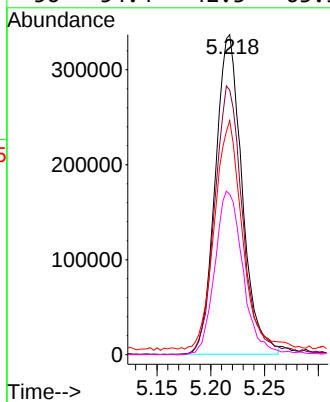
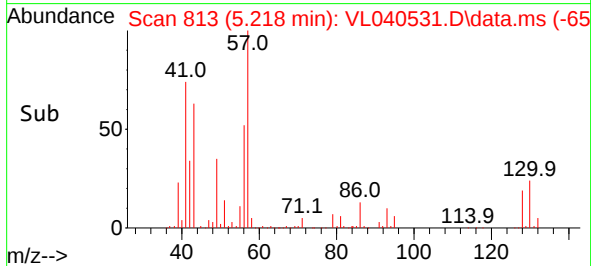
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 57 Resp: 583760
Ion Ratio Lower Upper
57 100
41 89.0 69.5 104.3
43 74.3 177.1 265.7
56 54.4 42.3 63.5

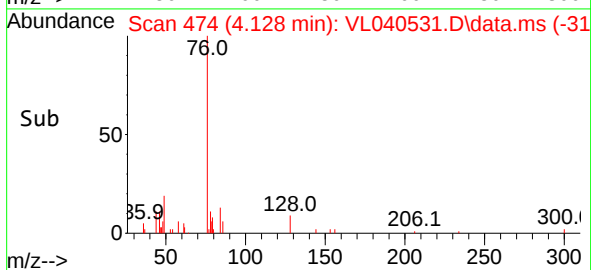
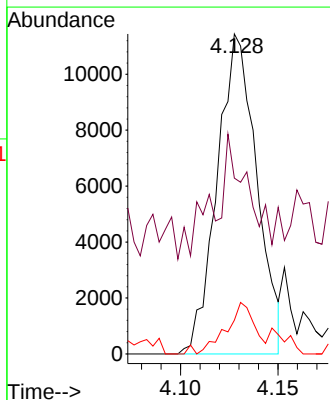
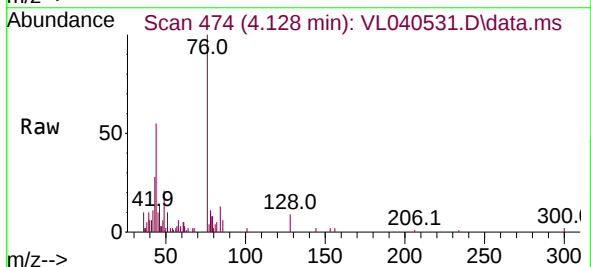
Manual Integrations
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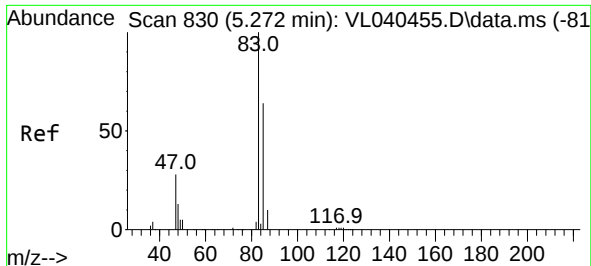
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#27
Carbon Disulfide
Concen: 0.142 ppbv
RT: 4.128 min Scan# 474
Delta R.T. -0.003 min
Lab File: VL040531.D
Acq: 14 Jul 2023 17:25

Tgt Ion: 76 Resp: 16158
Ion Ratio Lower Upper
76 100
44 49.4 15.1 22.7#
78 14.9 7.5 11.3#





#29

Chloroform

Concen: 0.198 ppbv

RT: 5.279 min Scan# 81

Delta R.T. -0.006 min

Lab File: VL040531.D

Acq: 14 Jul 2023 17:25

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tgt Ion: 83 Resp: 3180

Ion Ratio Lower Upper

83 100

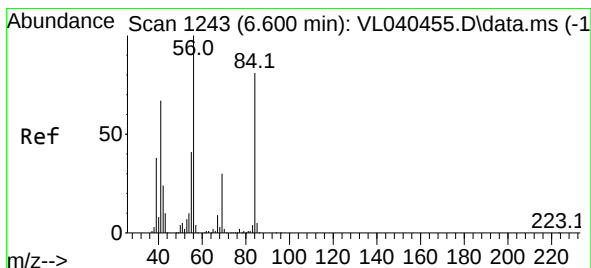
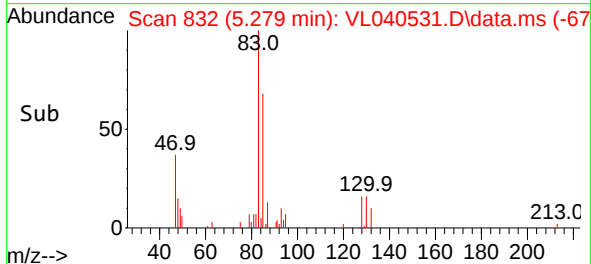
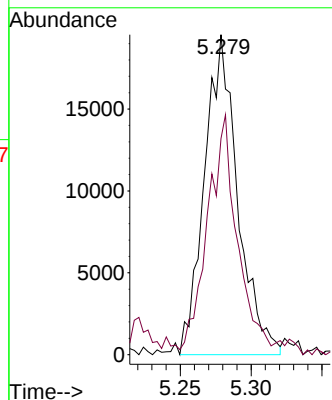
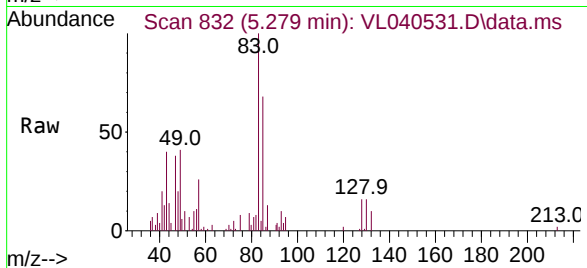
85 65.9 51.1 76.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#30

Cyclohexane

Concen: 0.474 ppbv

RT: 6.603 min Scan# 1244

Delta R.T. -0.006 min

Lab File: VL040531.D

Acq: 14 Jul 2023 17:25

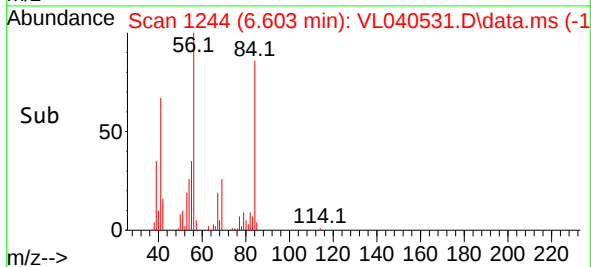
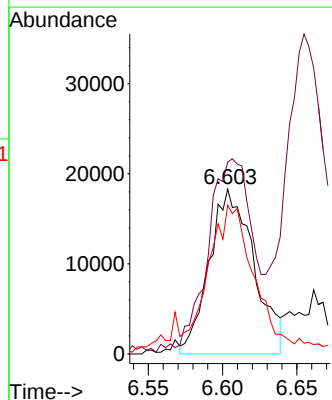
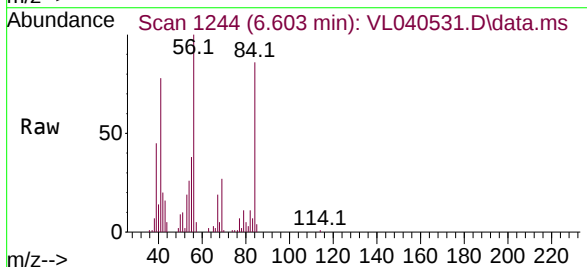
Tgt Ion: 84 Resp: 38187

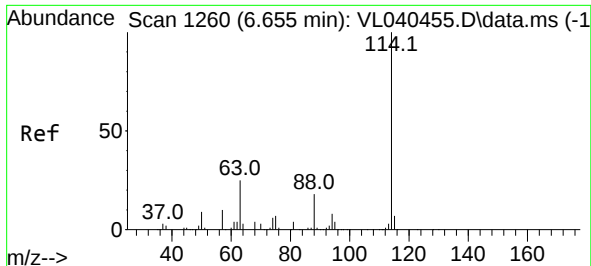
Ion Ratio Lower Upper

84 100

56 129.1 108.7 163.1

41 103.6 64.5 96.7#





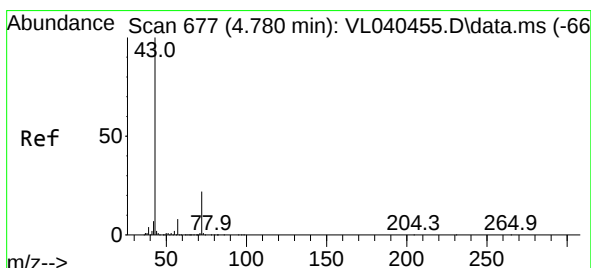
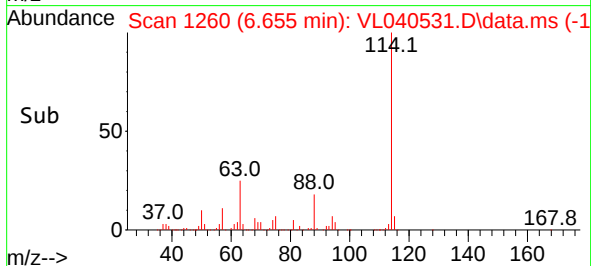
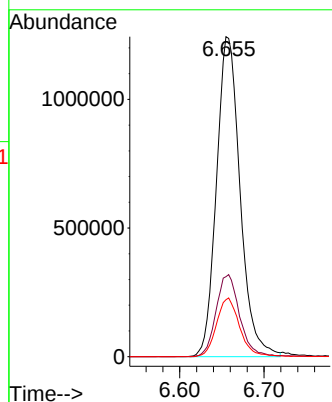
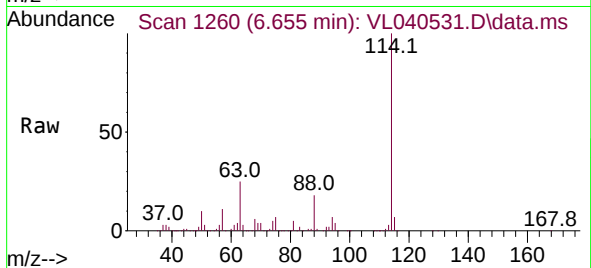
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.655 min Scan# 114
Delta R.T. -0.010 min
Lab File: VL040531.D
Acq: 14 Jul 2023 17:25

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion:114 Resp: 241850
Ion Ratio Lower Upper
114 100
63 25.9 19.6 29.4
88 18.1 14.2 21.2

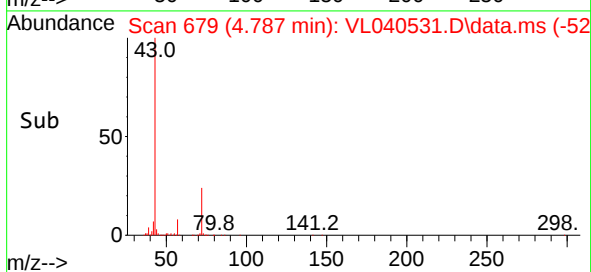
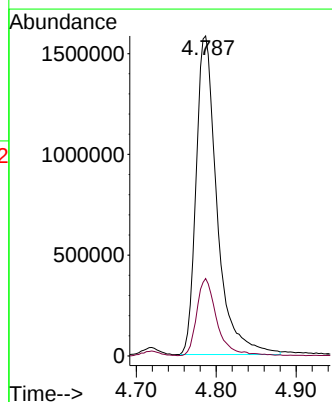
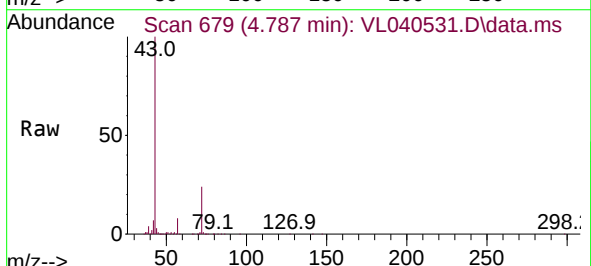
Manual Integrations
APPROVED

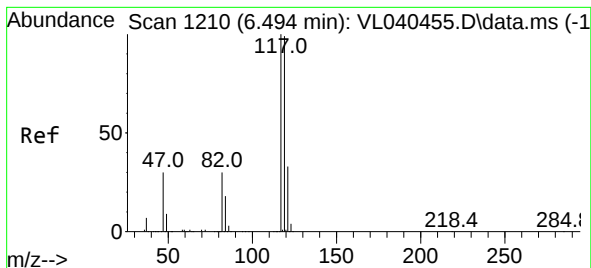
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#34
2-Butanone
Concen: 24.145 ppbv
RT: 4.787 min Scan# 679
Delta R.T. -0.006 min
Lab File: VL040531.D
Acq: 14 Jul 2023 17:25

Tgt Ion: 43 Resp: 2885525
Ion Ratio Lower Upper
43 100
72 23.5 19.1 28.7





#35

Carbon Tetrachloride

Concen: 0.088 ppbv

RT: 6.491 min Scan# 1170

Delta R.T. -0.013 min

Lab File: VL040531.D

Acq: 14 Jul 2023 17:25

Instrument :

MSVOA_L

ClientSampleId :

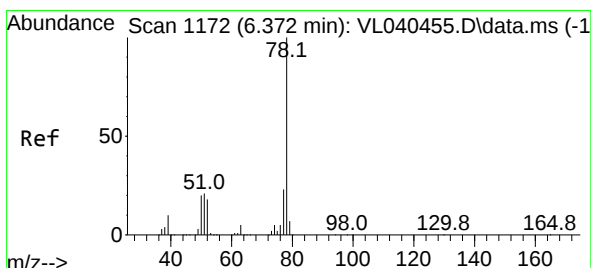
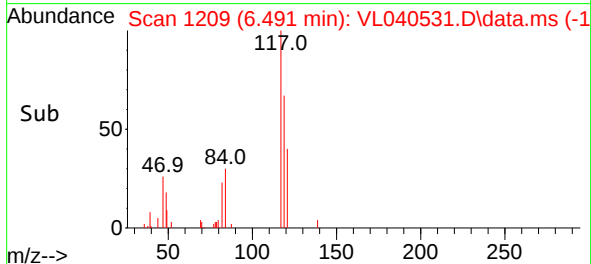
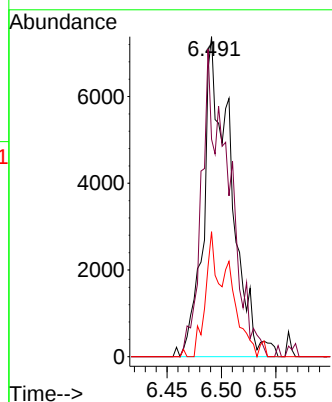
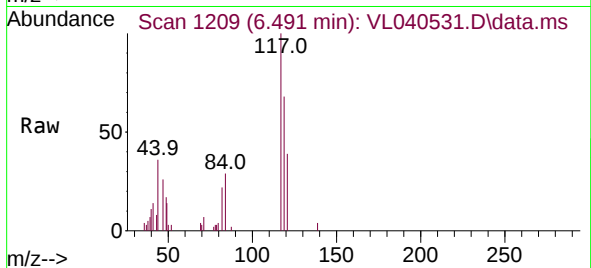
IA1

Tgt Ion:	117	Resp:	12760
Ion	Ratio	Lower	Upper
117	100		
119	67.9	77.8	116.6
121	39.1	24.8	37.2

Manual Integrations

APPROVED

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



#36

Benzene

Concen: 0.449 ppbv

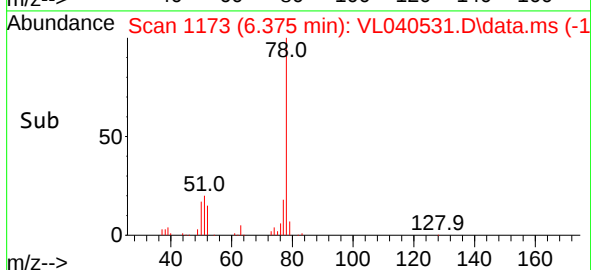
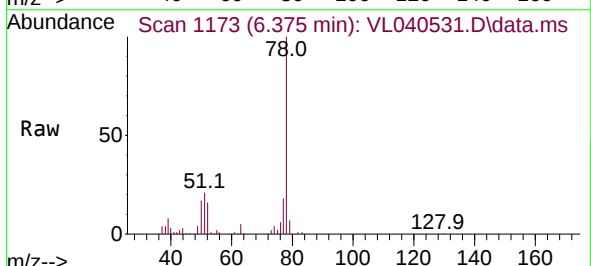
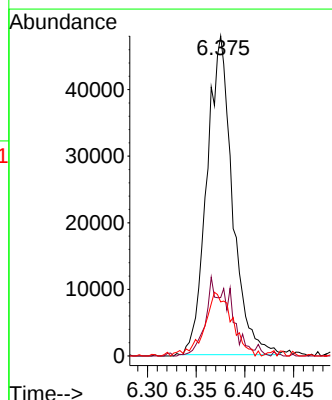
RT: 6.375 min Scan# 1173

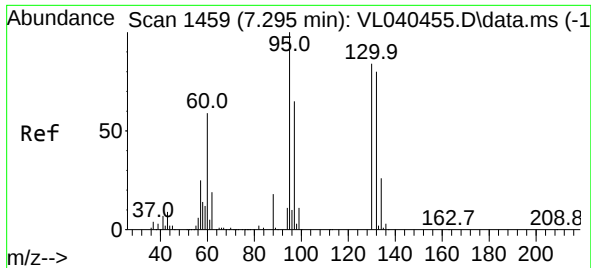
Delta R.T. -0.006 min

Lab File: VL040531.D

Acq: 14 Jul 2023 17:25

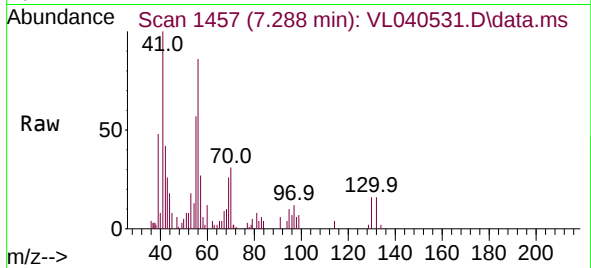
Tgt Ion:	78	Resp:	87426
Ion	Ratio	Lower	Upper
78	100		
77	17.9	17.4	26.0
50	15.3	14.4	21.6





#38
Trichloroethene
Concen: 0.056 ppbv m
RT: 7.288 min Scan# 1459
Delta R.T. -0.016 min
Lab File: VL040531.D
Acq: 14 Jul 2023 17:25

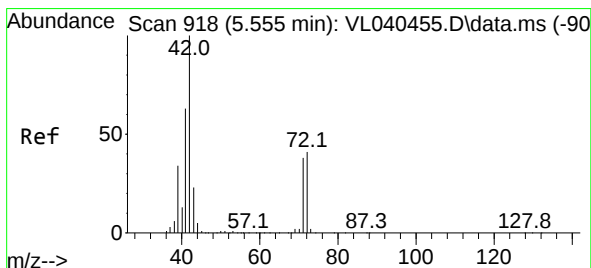
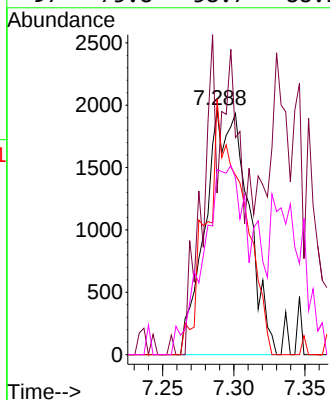
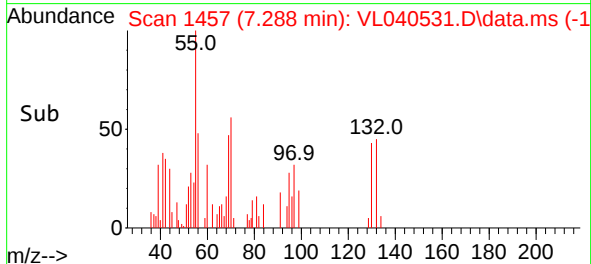
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion:130 Resp: 409
Ion Ratio Lower Upper
130 100
95 66.2 90.2 135.2
132 104.5 76.3 114.5
97 75.8 58.7 88.1

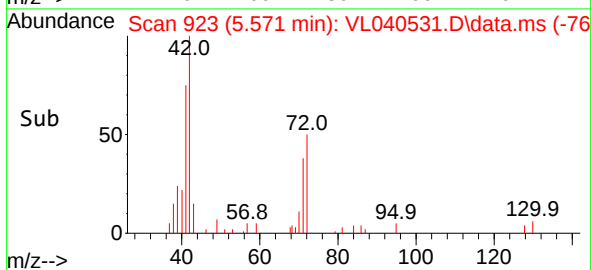
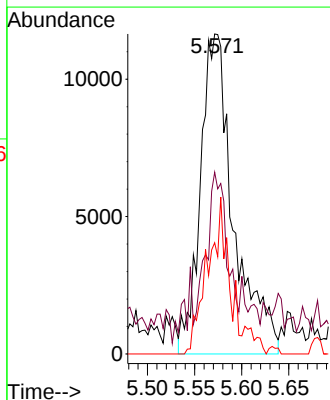
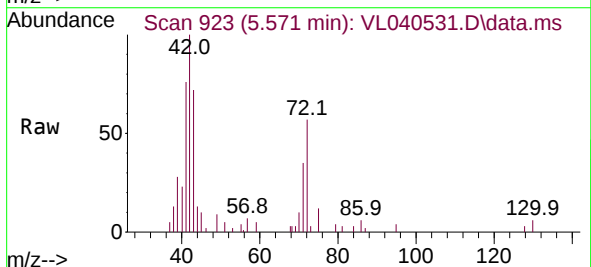
Manual Integrations
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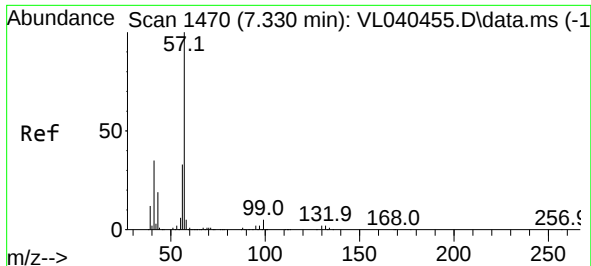
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#41
Tetrahydrofuran
Concen: 0.412 ppbv m
RT: 5.571 min Scan# 923
Delta R.T. 0.006 min
Lab File: VL040531.D
Acq: 14 Jul 2023 17:25

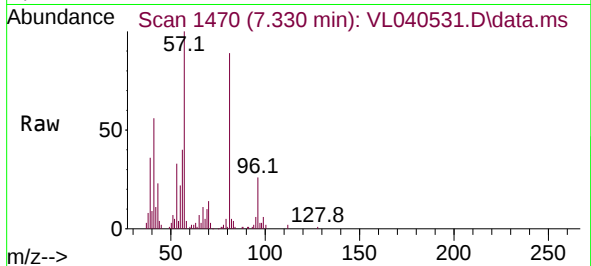
Tgt Ion: 42 Resp: 28703
Ion Ratio Lower Upper
42 100
72 3.7 33.8 50.8#
71 0.0 33.0 49.6#





#44
2,2,4-Trimethylpentane
Concen: 0.271 ppbv m
RT: 7.330 min Scan# 1470
Delta R.T. -0.006 min
Lab File: VL040531.D
Acq: 14 Jul 2023 17:25

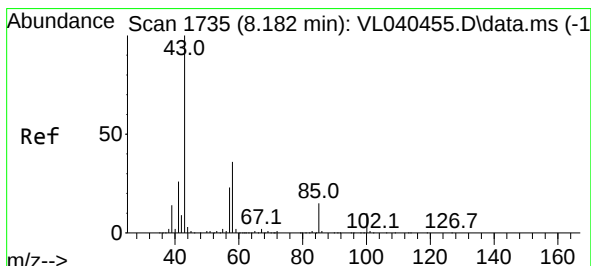
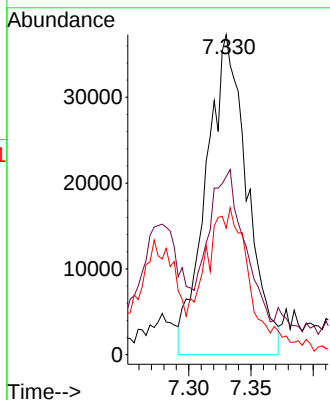
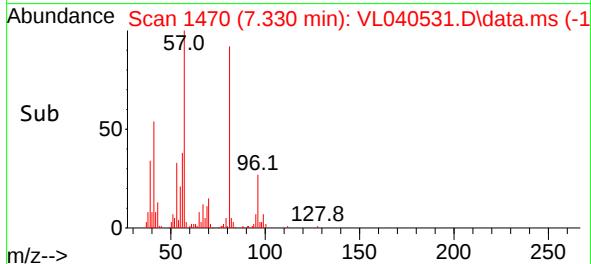
Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion: 57 Resp: 8491
Ion Ratio Lower Upper
57 100
41 67.3 25.5 38.3
56 52.2 25.1 37.7

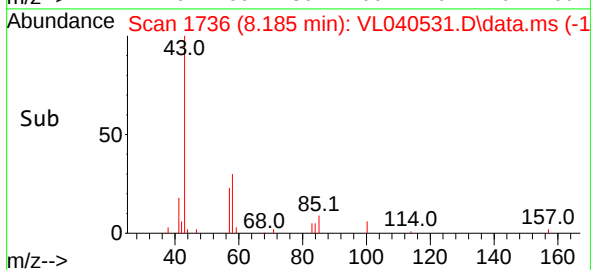
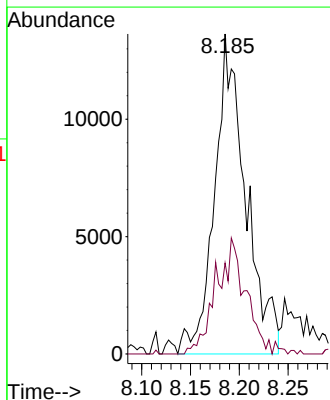
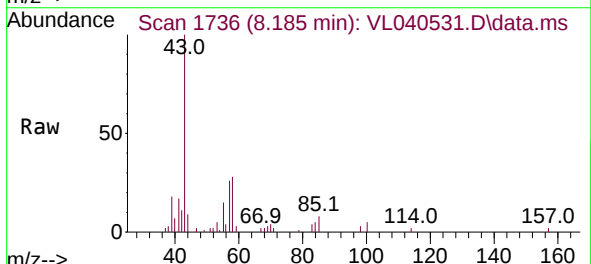
Manual Integrations
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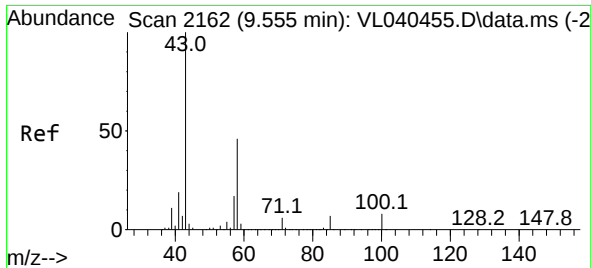
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#50
4-Methyl-2-Pentanone
Concen: 0.174 ppbv m
RT: 8.185 min Scan# 1736
Delta R.T. -0.006 min
Lab File: VL040531.D
Acq: 14 Jul 2023 17:25

Tgt Ion: 43 Resp: 30207
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2





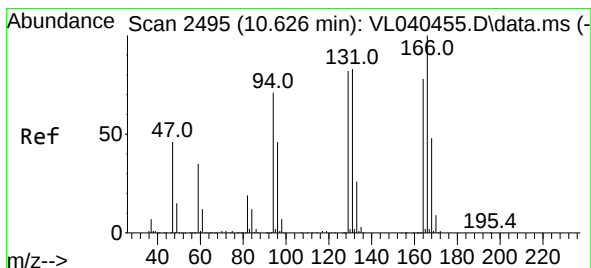
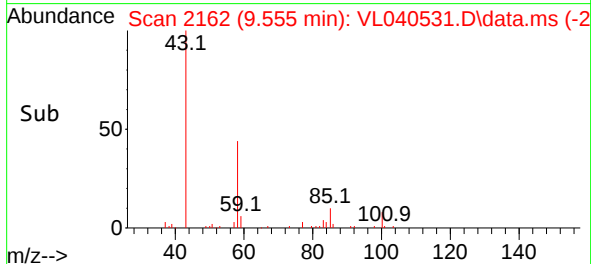
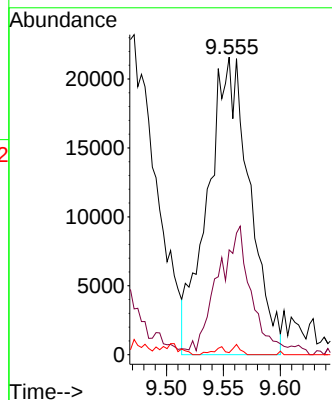
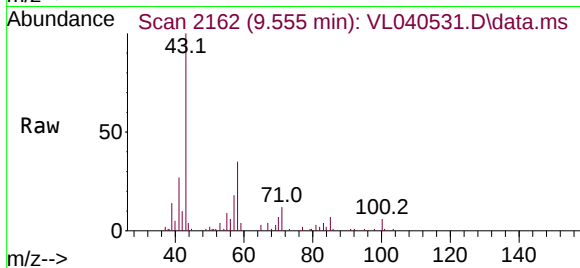
#51
2-Hexanone
Concen: 0.453 ppbv m
RT: 9.555 min Scan# 2162
Delta R.T. -0.006 min
Lab File: VL040531.D
Acq: 14 Jul 2023 17:25

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 43 Resp: 5566
Ion Ratio Lower Upper
43 100
58 39.7 39.7 59.5
98 3.2 0.3 0.5

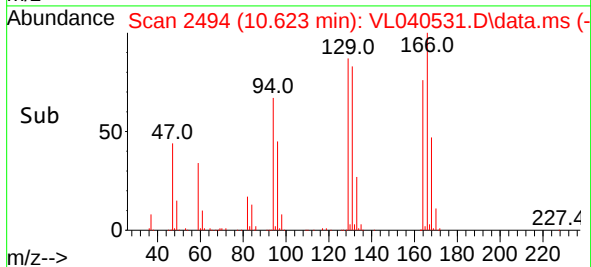
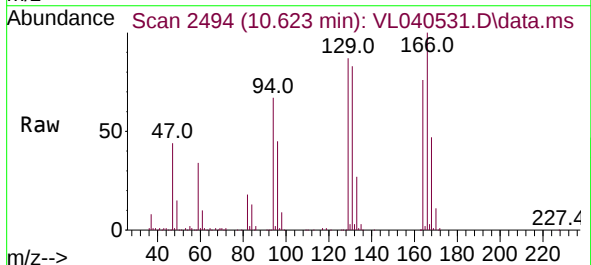
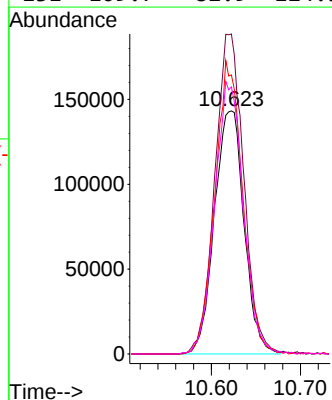
Manual Integrations
APPROVED

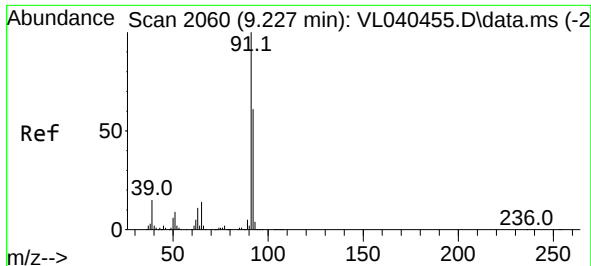
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#52
Tetrachloroethene
Concen: 5.251 ppbv
RT: 10.623 min Scan# 2494
Delta R.T. -0.003 min
Lab File: VL040531.D
Acq: 14 Jul 2023 17:25

Tgt Ion:164 Resp: 330891
Ion Ratio Lower Upper
164 100
166 131.6 103.9 155.9
129 114.7 84.6 126.8
131 109.7 82.9 124.3





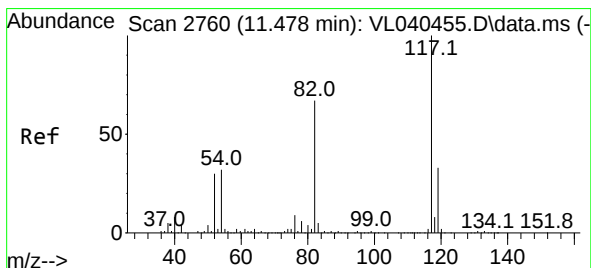
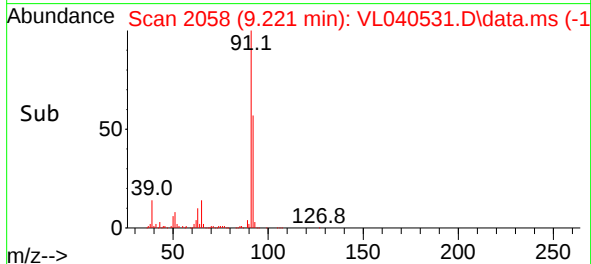
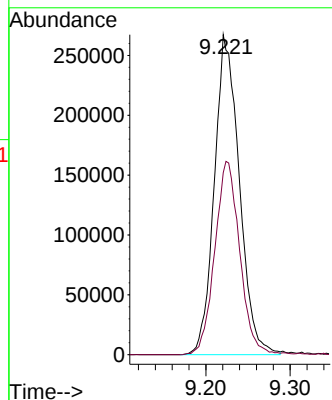
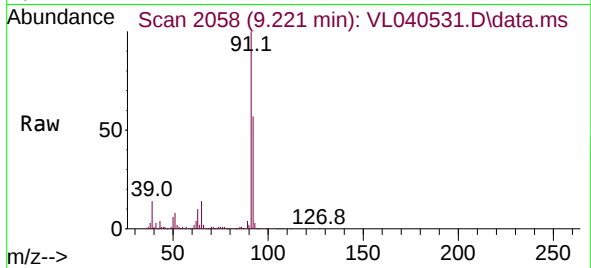
#53
Toluene
Concen: 2.598 ppbv
RT: 9.221 min Scan# 2060
Delta R.T. -0.010 min
Lab File: VL040531.D
Acq: 14 Jul 2023 17:25

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 91 Resp: 54925
Ion Ratio Lower Upper
91 100
92 60.9 49.1 73.7

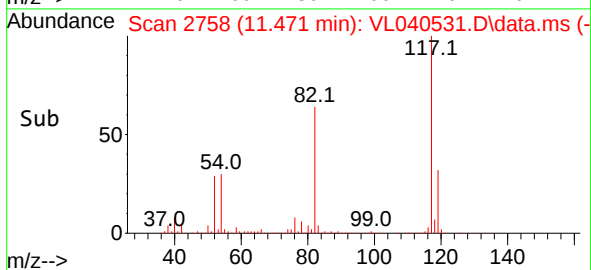
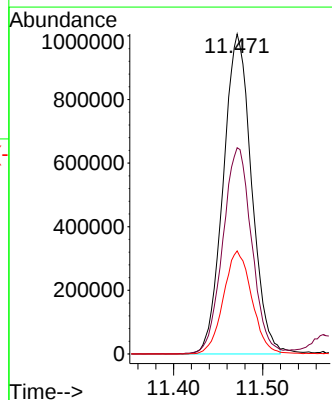
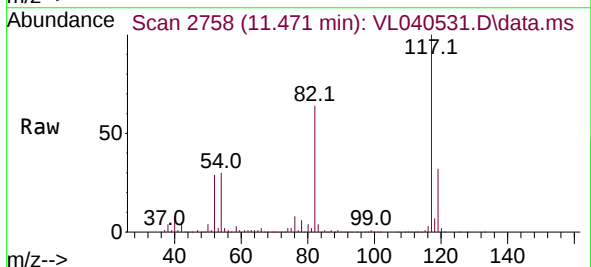
Manual Integrations
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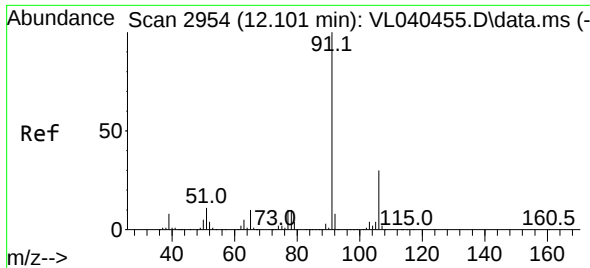
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.471 min Scan# 2758
Delta R.T. -0.006 min
Lab File: VL040531.D
Acq: 14 Jul 2023 17:25

Tgt Ion:117 Resp: 2212572
Ion Ratio Lower Upper
117 100
82 66.5 50.2 75.4
119 32.6 26.9 40.3





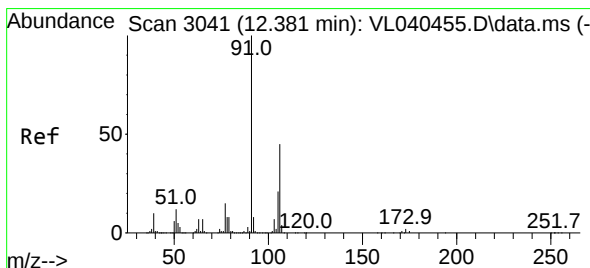
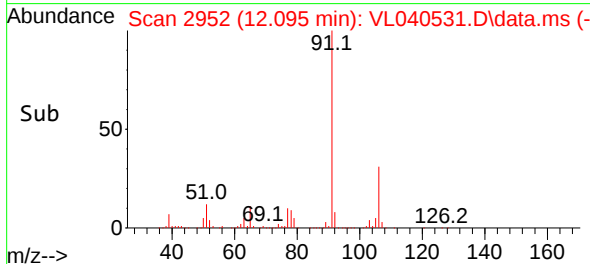
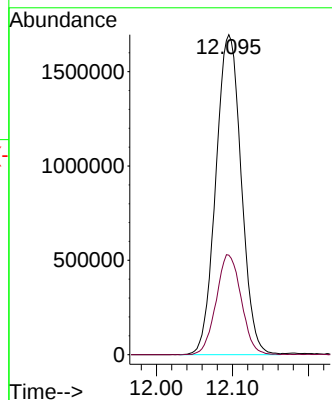
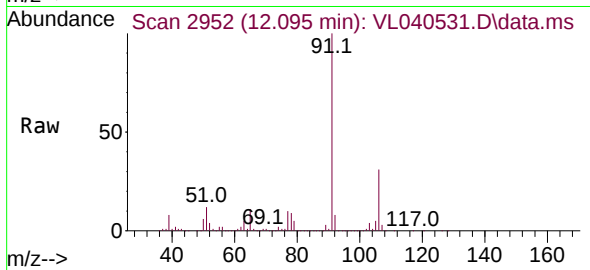
#58
Ethyl Benzene
Concen: 14.139 ppbv
RT: 12.095 min Scan# 2954
Delta R.T. -0.006 min
Lab File: VL040531.D
Acq: 14 Jul 2023 17:25

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 91 Resp: 392585
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.0

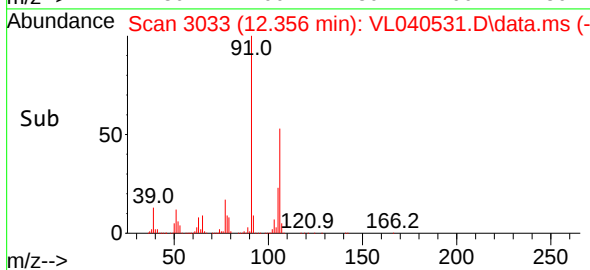
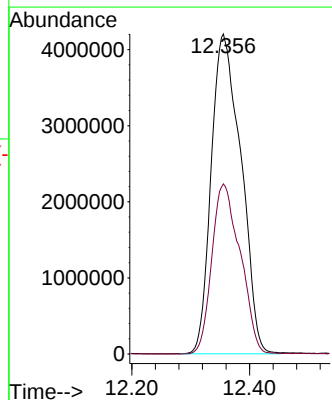
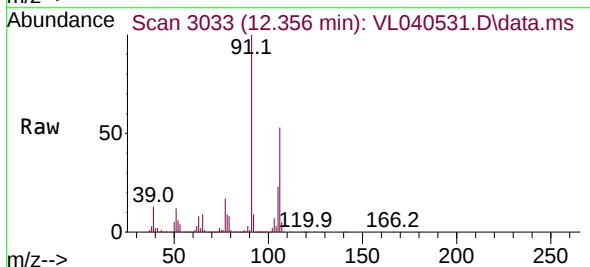
Manual Integrations
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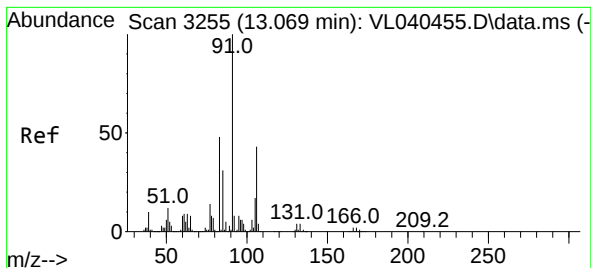
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#59
m/p-Xylene
Concen: 59.464 ppbv
RT: 12.356 min Scan# 3033
Delta R.T. -0.029 min
Lab File: VL040531.D
Acq: 14 Jul 2023 17:25

Tgt Ion: 91 Resp:14736653
Ion Ratio Lower Upper
91 100
106 50.8 35.9 53.9





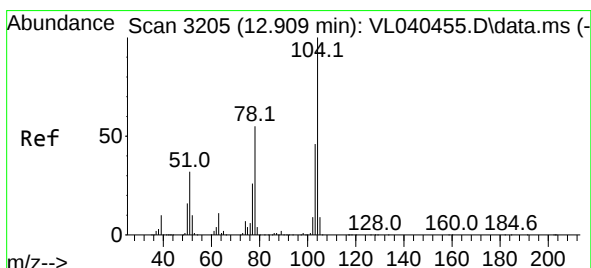
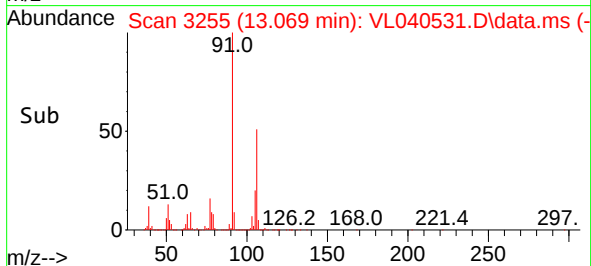
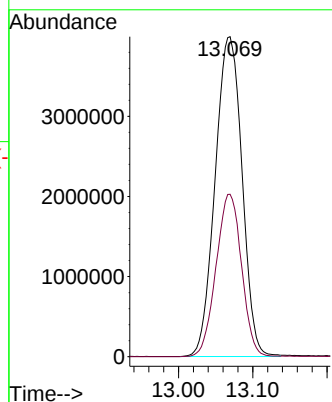
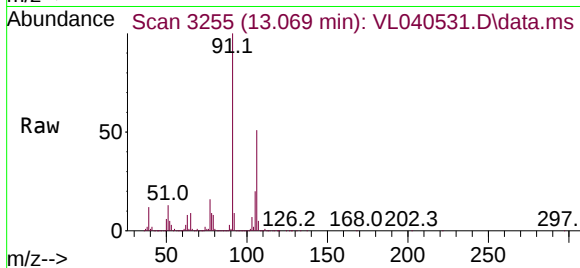
#60
o-Xylene
Concen: 42.592 ppbv
RT: 13.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL040531.D
Acq: 14 Jul 2023 17:25

Instrument :
MSVOA_L
ClientSampleId :
IA1

Tgt Ion: 91 Resp:1005526
Ion Ratio Lower Upper
91 100
106 48.5 22.7 68.0

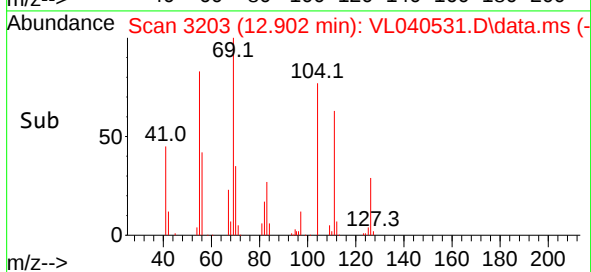
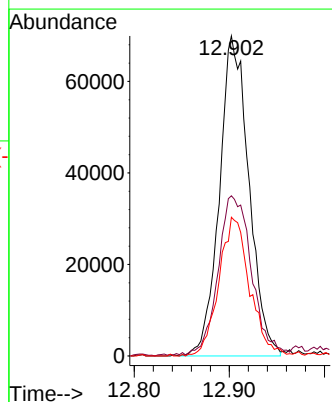
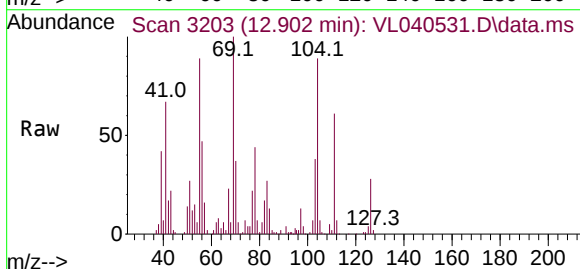
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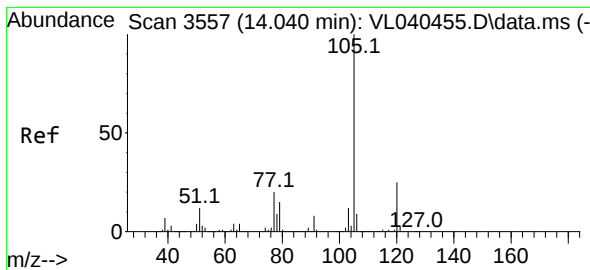
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023



#61
Styrene
Concen: 1.381 ppbv m
RT: 12.902 min Scan# 3203
Delta R.T. -0.010 min
Lab File: VL040531.D
Acq: 14 Jul 2023 17:25

Tgt Ion:104 Resp: 150434
Ion Ratio Lower Upper
104 100
78 56.5 40.1 60.1
103 46.0 37.0 55.4





#62

Isopropylbenzene

Concen: 9.277 ppbv

RT: 14.037 min Scan# 3556

Delta R.T. -0.003 min

Lab File: VL040531.D

Acq: 14 Jul 2023 17:25

Instrument :

MSVOA_L

ClientSampleId :

IA1

Tgt Ion:105 Resp: 3282499

Ion Ratio Lower Upper

105 100

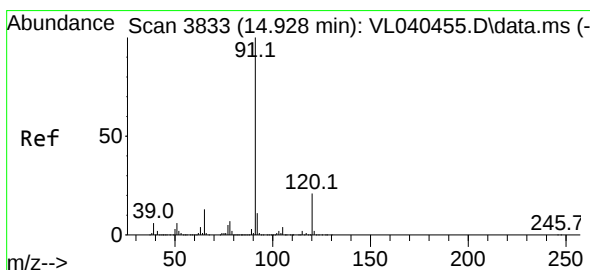
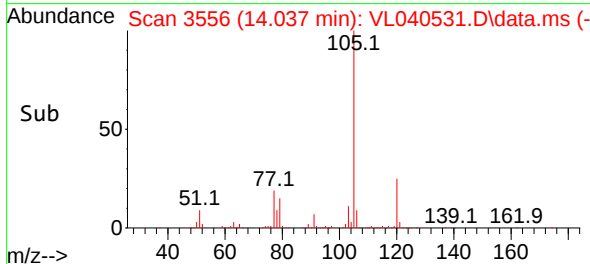
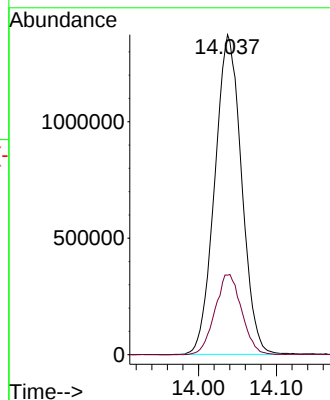
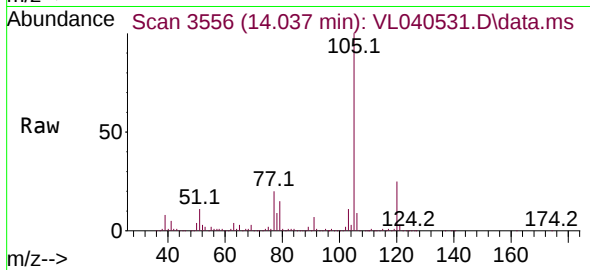
120 25.1 20.8 31.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#64

n-propylbenzene

Concen: 53.497 ppbv

RT: 14.934 min Scan# 3835

Delta R.T. 0.003 min

Lab File: VL040531.D

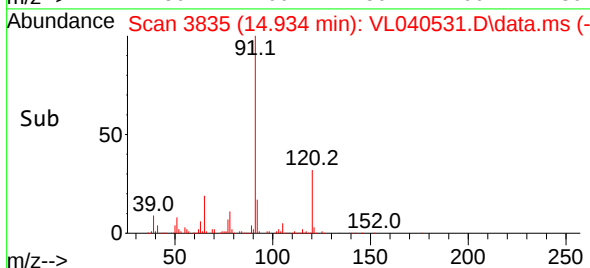
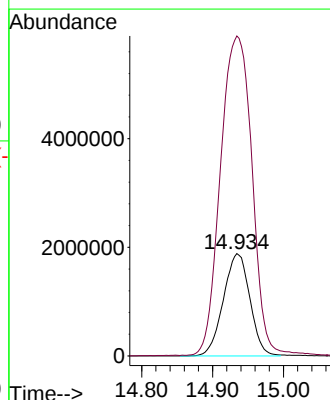
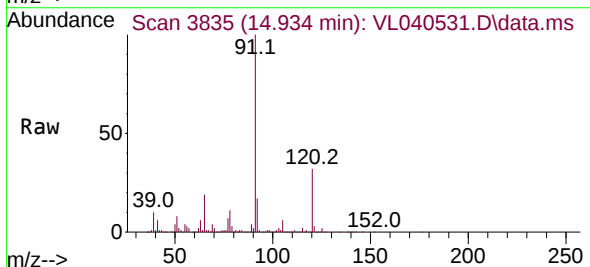
Acq: 14 Jul 2023 17:25

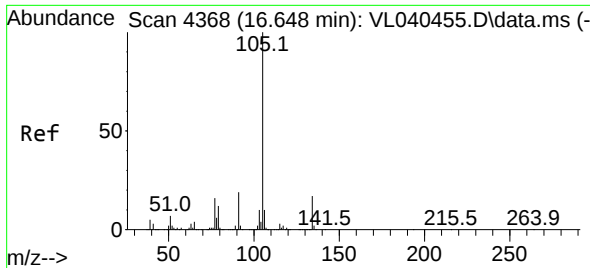
Tgt Ion:120 Resp: 4897689

Ion Ratio Lower Upper

120 100

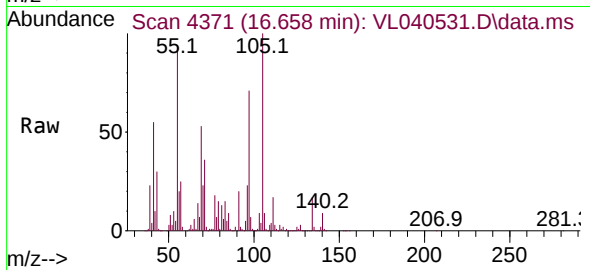
91 374.9 374.3 561.5





#67
 sec-Butylbenzene
 Concen: 5.795 ppbv
 RT: 16.658 min Scan# 4368
 Delta R.T. 0.010 min
 Lab File: VL040531.D
 Acq: 14 Jul 2023 17:25

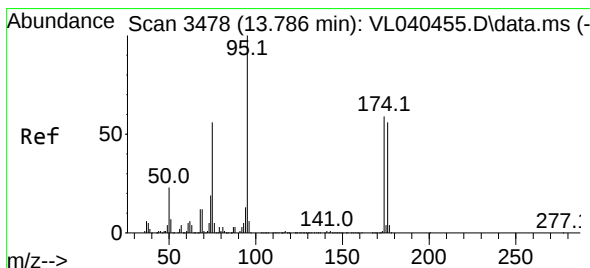
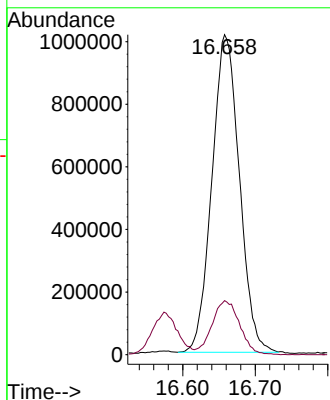
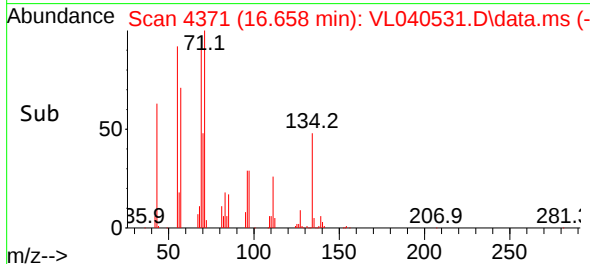
Instrument :
 MSVOA_L
 ClientSampleId :
 IA1



Tgt Ion: 105 Resp: 266746
 Ion Ratio Lower Upper
 105 100
 134 17.4 14.4 21.6

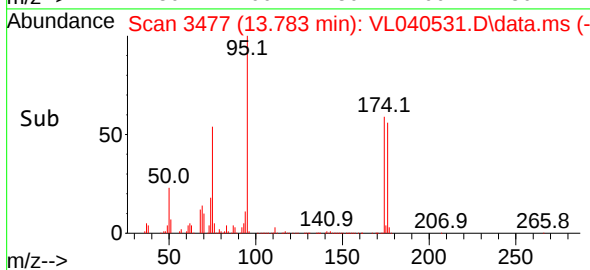
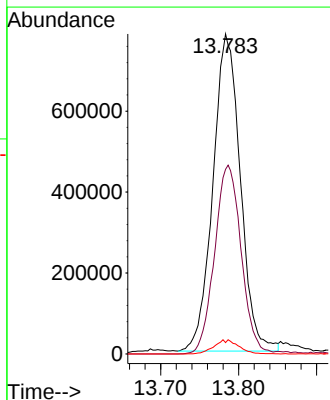
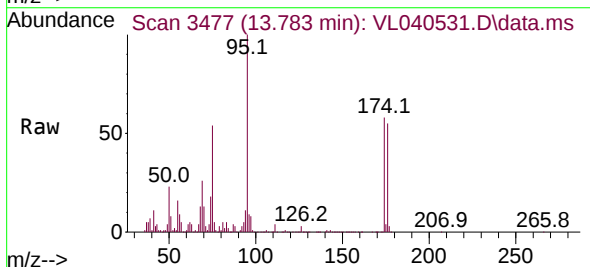
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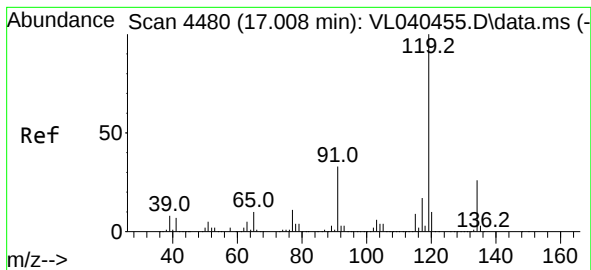
Reviewed By :Semsettin Yesilyurt 07/17/2023
 Supervised By :Mahesh Dadoda 07/17/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.947 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. 0.000 min
 Lab File: VL040531.D
 Acq: 14 Jul 2023 17:25

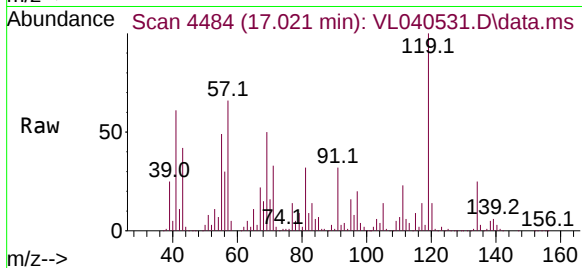
Tgt Ion: 95 Resp: 1916878
 Ion Ratio Lower Upper
 95 100
 174 58.1 50.6 75.8
 175 4.1 3.7 5.5





#69
p-Isopropyltoluene
Concen: 5.483 ppbv m
RT: 17.021 min Scan# 4480
Delta R.T. 0.016 min
Lab File: VL040531.D
Acq: 14 Jul 2023 17:25

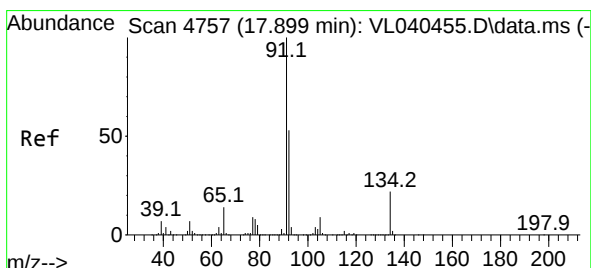
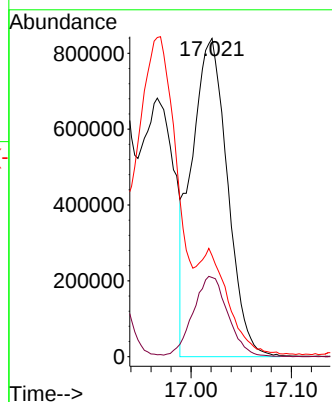
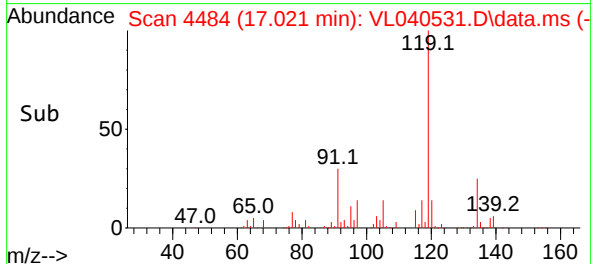
Instrument :
MSVOA_L
ClientSampleId :
IA1



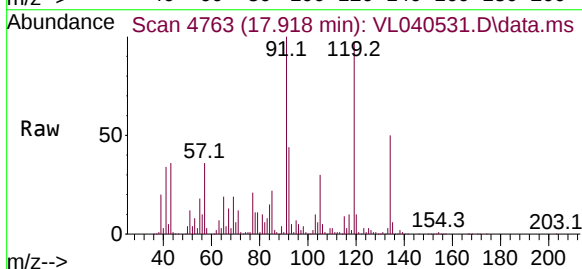
Tgt Ion:119 Resp: 208556
Ion Ratio Lower Upper
119 100
134 50.9 20.5 30.7
91 56.6 23.8 35.8

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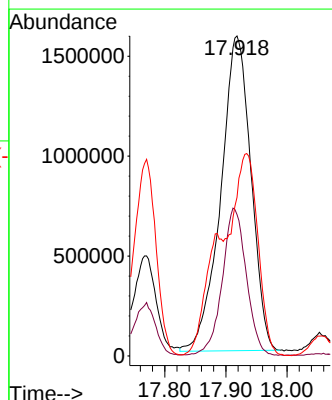
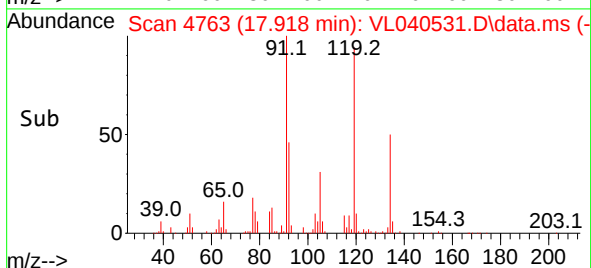
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

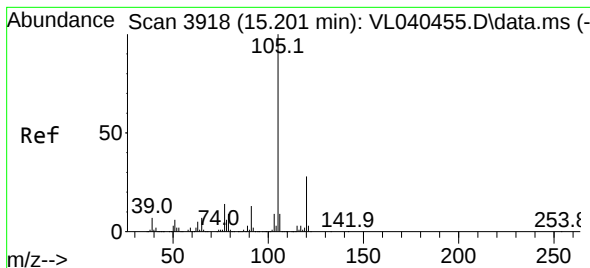


#70
n-Butylbenzene
Concen: 12.761 ppbv
RT: 17.918 min Scan# 4763
Delta R.T. 0.023 min
Lab File: VL040531.D
Acq: 14 Jul 2023 17:25



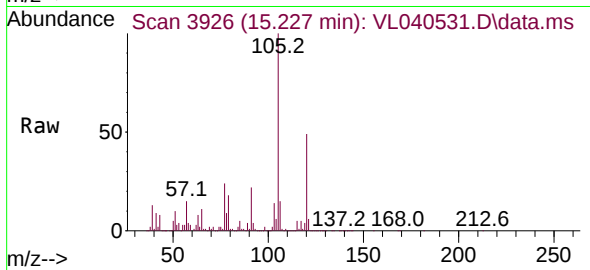
Tgt Ion: 91 Resp: 5412711
Ion Ratio Lower Upper
91 100
92 37.7 43.4 65.0#
134 79.2 18.1 27.1#





#72
4-Ethyltoluene
Concen: 68.758 ppbv
RT: 15.227 min Scan# 3918
Delta R.T. 0.022 min
Lab File: VL040531.D
Acq: 14 Jul 2023 17:25

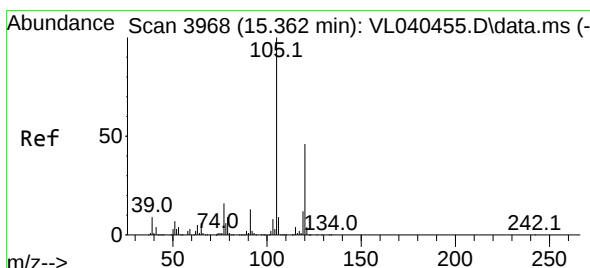
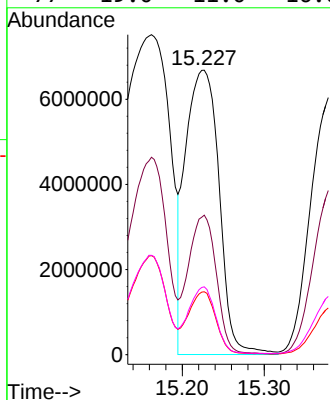
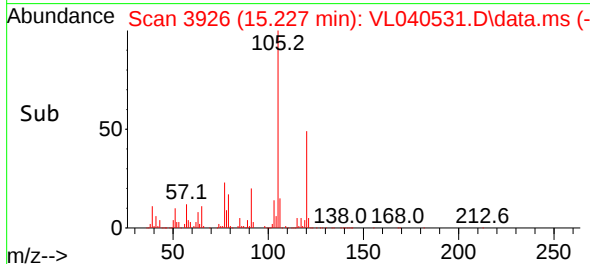
Instrument :
MSVOA_L
ClientSampleId :
IA1



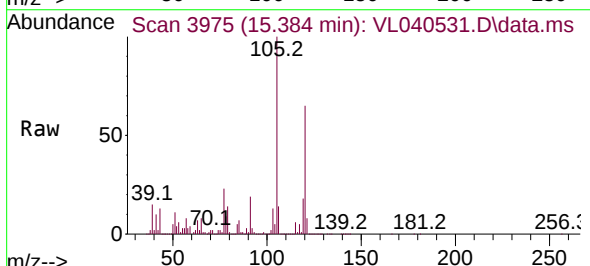
Tgt Ion:105 Resp:1902823
Ion Ratio Lower Upper
105 100
120 40.5 24.6 37.0
91 17.8 10.7 16.1
77 19.0 11.0 16.6

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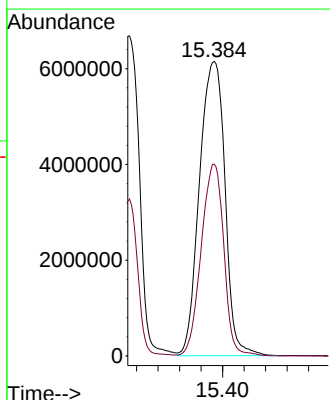
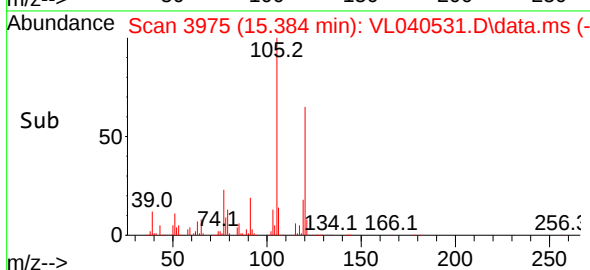
Reviewed By :Semsettin Yesilyurt 07/17/2023
Supervised By :Mahesh Dadoda 07/17/2023

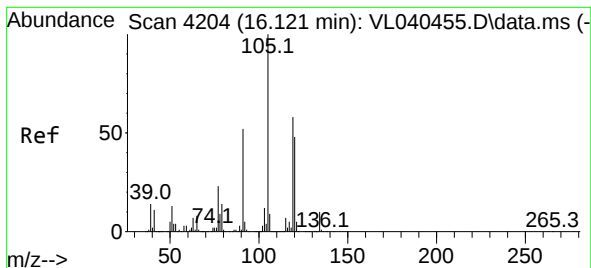


#73
1,3,5-Trimethylbenzene
Concen: 83.117 ppbv
RT: 15.384 min Scan# 3975
Delta R.T. 0.023 min
Lab File: VL040531.D
Acq: 14 Jul 2023 17:25



Tgt Ion:105 Resp:20275248
Ion Ratio Lower Upper
105 100
120 65.1 38.2 57.2





#74

1,2,4-Trimethylbenzene

Concen: 141.932 ppbv

RT: 16.169 min Scan# 4204

Delta R.T. 0.051 min

Lab File: VL040531.D

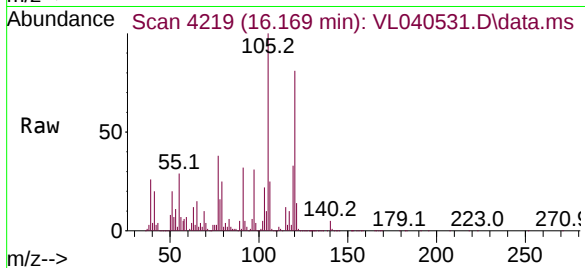
Acq: 14 Jul 2023 17:25

Instrument :

MSVOA_L

ClientSampleId :

IA1



Tgt Ion:105 Resp:40367069

Ion Ratio Lower Upper

105 100

120 80.6 40.3 60.5

91 32.2 46.8 70.2

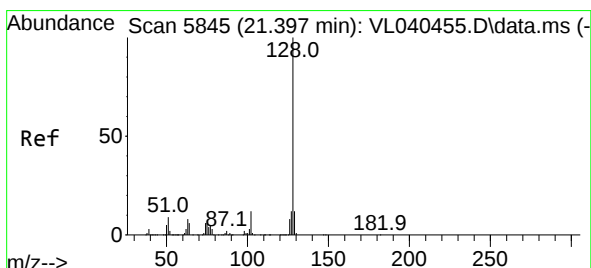
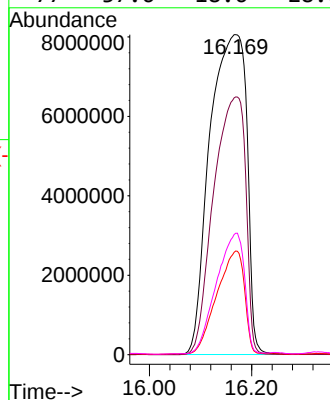
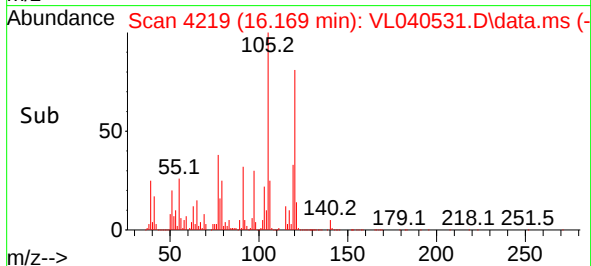
77 37.6 18.6 28.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/17/2023

Supervised By :Mahesh Dadoda 07/17/2023



#79

Naphthalene

Concen: 20.301 ppbv

RT: 21.403 min Scan# 5847

Delta R.T. 0.010 min

Lab File: VL040531.D

Acq: 14 Jul 2023 17:25

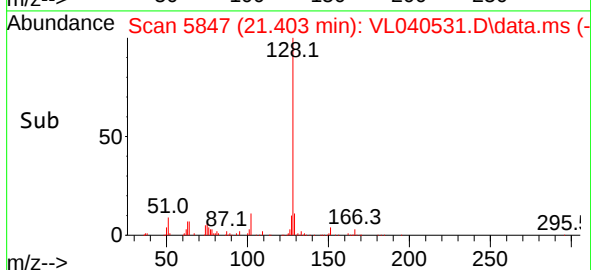
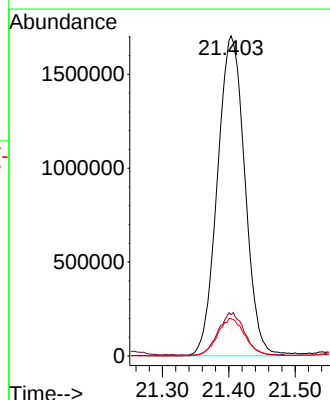
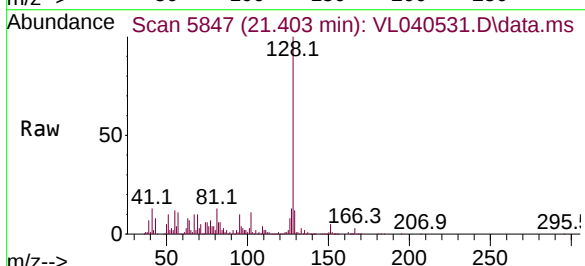
Tgt Ion:128 Resp: 4885122

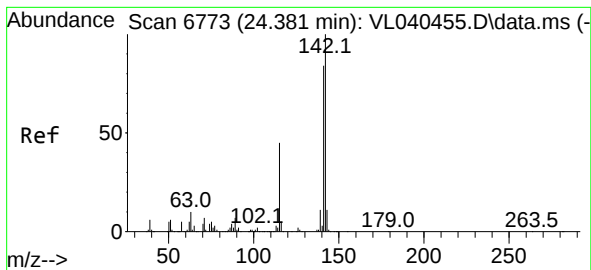
Ion Ratio Lower Upper

128 100

127 12.6 10.7 16.1

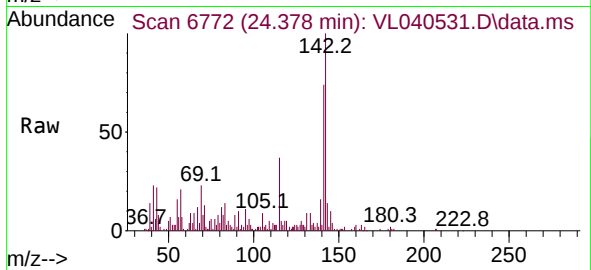
129 11.7 9.2 13.8





#80
Naphthalene, 2-methyl-
Concen: 0.766 ppbv m
RT: 24.378 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL040531.D
Acq: 14 Jul 2023 17:25

Instrument :
MSVOA_L
ClientSampleId :
IA1



Tgt Ion:142 Resp: 76038
Ion Ratio Lower Upper
142 100
141 24.7 66.7 100.1
115 11.1 33.0 49.6

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Supervised By :Mahesh Dadoda 07/17/2023

