

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072623\
 Data File : VL040563.D
 Acq On : 27 Jul 2023 6:09
 Operator : SY/MD
 Sample : 03695-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-21-20230719

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/27/2023
 Supervised By : Mahesh Dadoda 07/27/2023

Quant Time: Jul 27 06:45:43 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 : Thu Jul 27 04:45:44 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.182	49	968414	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	6.645	114	2390136	10.000	ppbv	-0.02
55) Chlorobenzene-d5	11.462	117	2319107	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.770 95 1953506 10.643 ppbv -0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 106.400%

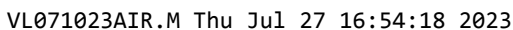
Target Compounds

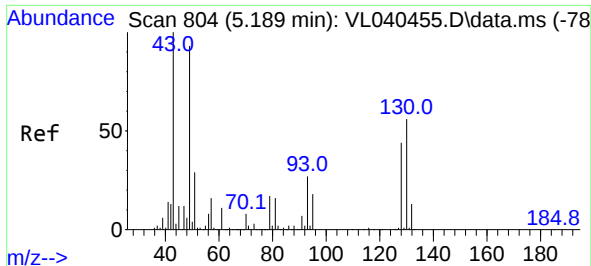
						Qvalue
2) Dichlorodifluoromethane	2.713	85	46207	0.239	ppbv	96
3) Chlorodifluoromethane	2.658	51	42988m	0.280	ppbv	
4) Chloromethane	2.796	50	44895	0.738	ppbv	95
5) Vinyl Chloride	2.906	62	15702	0.246	ppbv	89
7) Chloroethane	3.182	64	5203	0.232	ppbv #	82
8) Dichlorotetrafluoroethane	2.845	85	5887	0.037	ppbv	97
9) Propene	2.678	41	654905	12.463	ppbv	94
10) Heptane	7.578	43	73067	0.630	ppbv	91
11) Trichlorofluoromethane	3.549	101	51809	0.331	ppbv	84
12) 1,1,2-Trichlorotrifluo...	4.057	101	11702	0.106	ppbv	96
13) Ethanol	3.221	45	145386	12.716	ppbv	98
15) Acetone	3.449	43	5930980	53.206	ppbv	99
16) 1,3-Butadiene	2.951	39	622326m	11.066	ppbv	
17) tert-Butyl alcohol	3.864	59	1239511	10.751	ppbv	99
20) Methylene Chloride	3.922	84	263847	5.564	ppbv	93
26) Hexane	5.202	57	182575	1.852	ppbv #	40
27) Carbon Disulfide	4.115	76	243294	2.098	ppbv	100
29) Chloroform	5.263	83	34487m	0.211	ppbv	
30) Cyclohexane	6.597	84	107600	1.312	ppbv #	88
34) 2-Butanone	4.771	43	3365112	28.493	ppbv	98
35) Carbon Tetrachloride	6.484	117	13922m	0.097	ppbv	
36) Benzene	6.362	78	479833	2.495	ppbv	98
41) Tetrahydrofuran	5.555	42	39981m	0.580	ppbv	
50) 4-Methyl-2-Pentanone	8.169	43	3635427	21.185	ppbv	96
51) 2-Hexanone	9.549	43	465631	3.837	ppbv #	94
52) Tetrachloroethene	10.610	164	15208m	0.244	ppbv	
53) Toluene	9.211	91	495297	2.371	ppbv	100
58) Ethyl Benzene	12.082	91	176893	0.608	ppbv	98
59) m/p-Xylene	12.336	91	738342	2.842	ppbv	100
60) o-Xylene	13.050	91	405949	1.641	ppbv	99
61) Styrene	12.889	104	17479m	0.153	ppbv	
62) Isopropylbenzene	14.028	105	23673m	0.064	ppbv	
67) sec-Butylbenzene	16.625	105	23889m	0.050	ppbv	
73) 1,3,5-Trimethylbenzene	15.346	105	43569	0.170	ppbv #	80
74) 1,2,4-Trimethylbenzene	16.101	105	173860	0.583	ppbv #	64
76) 1,4-Dichlorobenzene	16.468	146	20941m	0.118	ppbv	

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

Manual Integrations

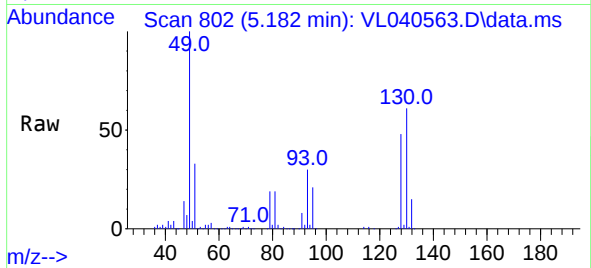
Quant Time: Jul 27 06:45:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL071023AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Aug
QLast Update : Thu Jul 27 04:45:44 2023
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.182 min Scan# 80
Delta R.T. -0.020 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

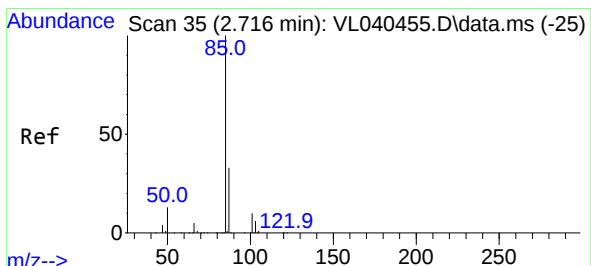
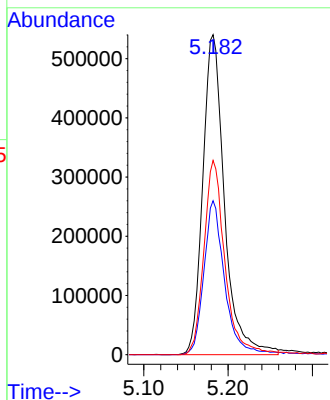
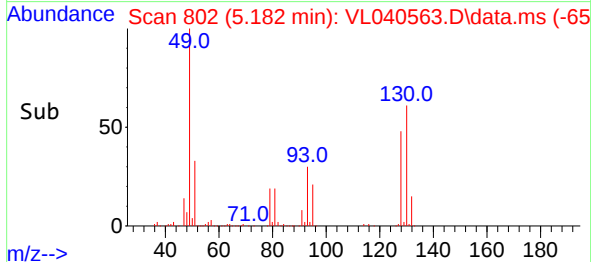
Instrument :
MSVOA_L
ClientSampleId :
SV-21-20230719



Tgt Ion: 49 Resp: 968414
Ion Ratio Lower Upper
49 100
128 46.9 25.1 75.4
130 59.7 31.6 94.7

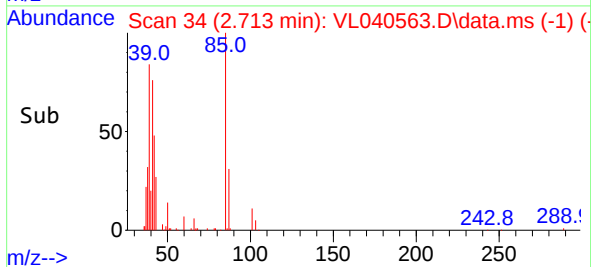
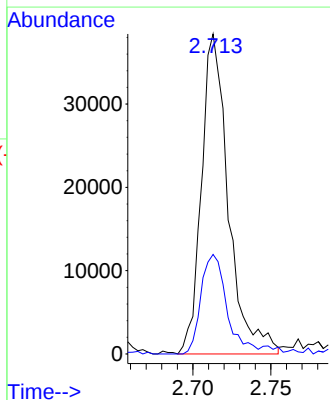
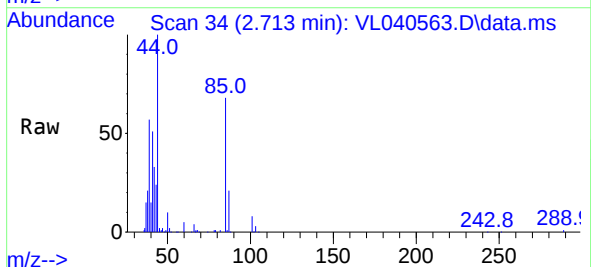
Manual Integrations
APPROVED

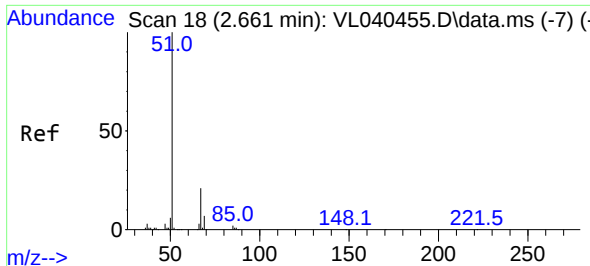
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#2
Dichlorodifluoromethane
Concen: 0.239 ppbv
RT: 2.713 min Scan# 34
Delta R.T. -0.026 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

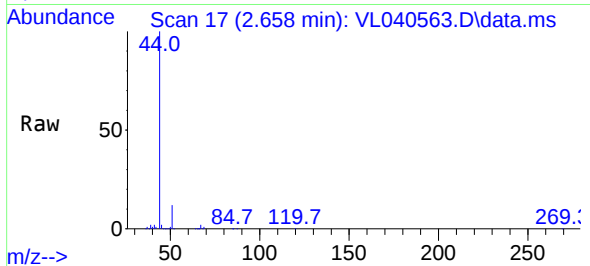
Tgt Ion: 85 Resp: 46207
Ion Ratio Lower Upper
85 100
87 31.1 26.8 40.2





#3
Chlorodifluoromethane
Concen: 0.280 ppbv m
RT: 2.658 min Scan# 11
Delta R.T. -0.026 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

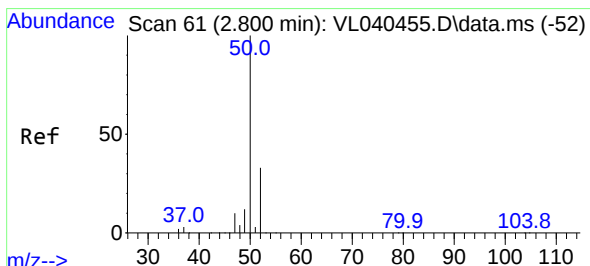
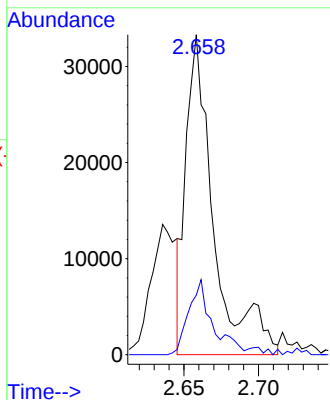
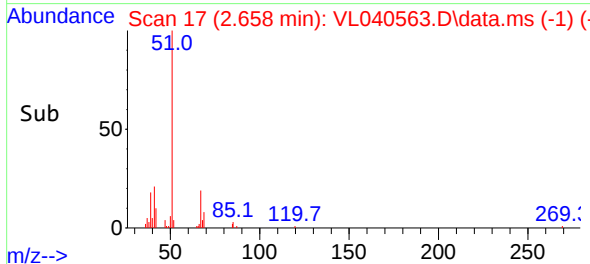
Instrument :
MSVOA_L
ClientSampleId :
SV-21-20230719



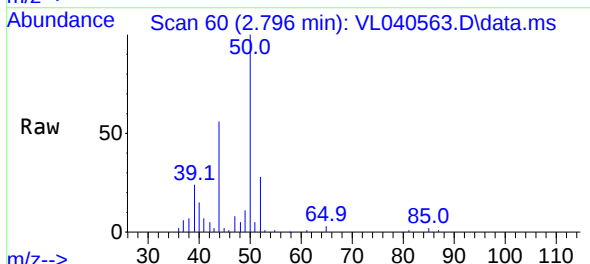
Tgt Ion: 51 Resp: 42988
Ion Ratio Lower Upper
51 100
67 21.2 14.6 21.8

Manual Integrations
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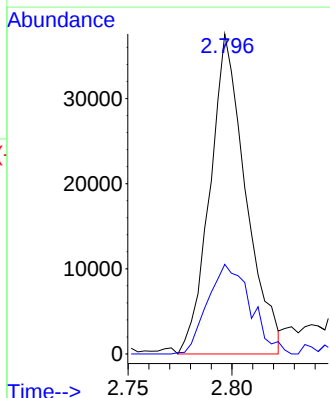
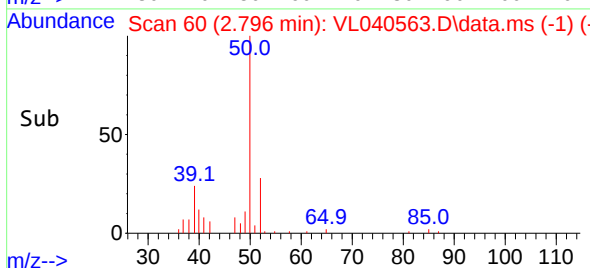
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



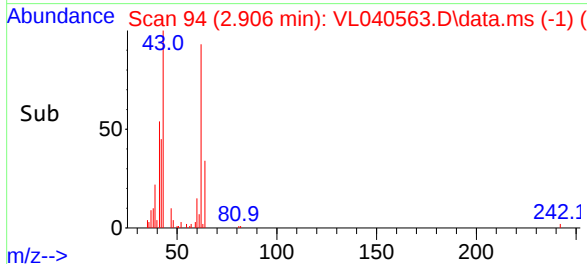
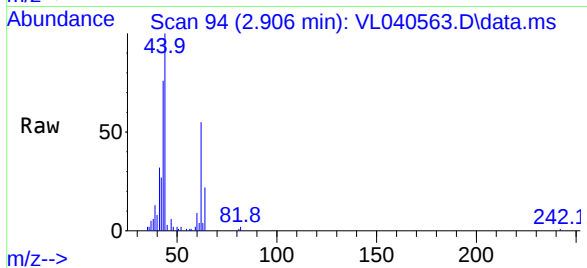
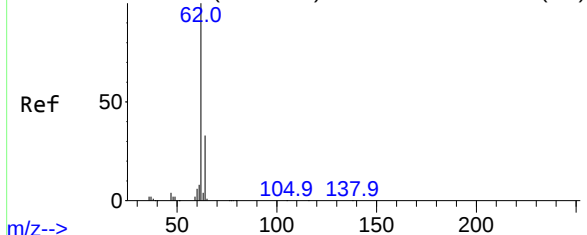
#4
Chloromethane
Concen: 0.738 ppbv
RT: 2.796 min Scan# 60
Delta R.T. -0.026 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09



Tgt Ion: 50 Resp: 44895
Ion Ratio Lower Upper
50 100
52 27.6 24.4 36.6



Abundance Scan 94 (2.906 min): VL040455.D\data.ms (-85)



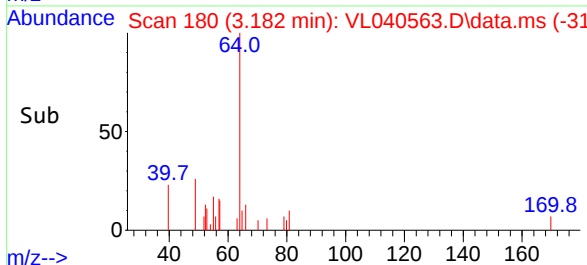
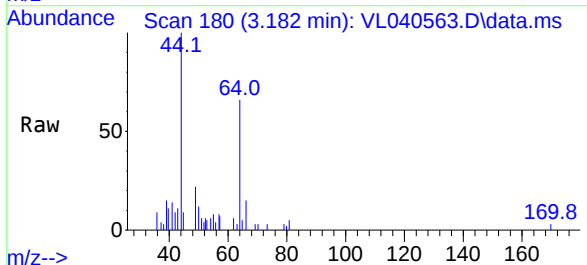
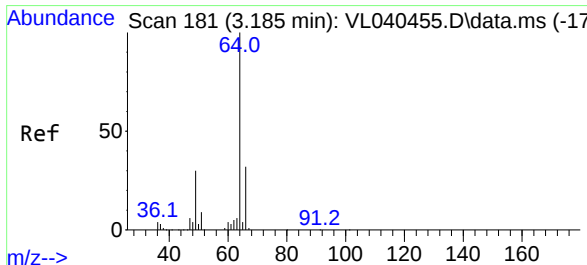
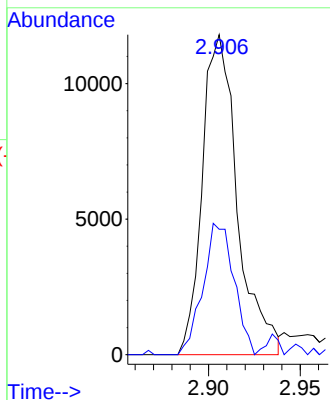
#5
Vinyl Chloride
Concen: 0.246 ppbv
RT: 2.906 min Scan# 94
Delta R.T. -0.022 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Instrument :
MSVOA_L
ClientSampleId :
SV-21-20230719

Tgt Ion: 62 Resp: 1570
Ion Ratio Lower Upper
62 100
64 39.2 26.4 39.6

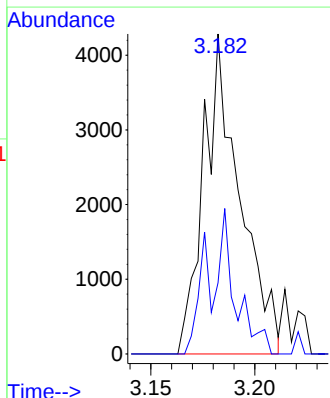
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

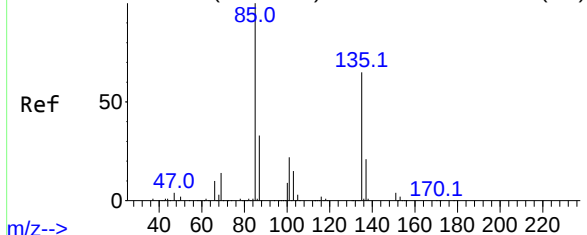


#7
Chloroethane
Concen: 0.232 ppbv
RT: 3.182 min Scan# 180
Delta R.T. -0.022 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Tgt Ion: 64 Resp: 5203
Ion Ratio Lower Upper
64 100
66 20.7 24.4 36.6



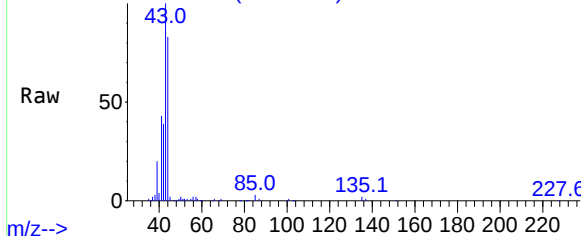
Abundance Scan 75 (2.845 min): VL040455.D\data.ms (-65)



#8
Dichlorotetrafluoroethane
Concen: 0.037 ppbv
RT: 2.845 min Scan# 75
Delta R.T. -0.022 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Instrument :
MSVOA_L
ClientSampleId :
SV-21-20230719

Abundance Scan 75 (2.845 min): VL040563.D\data.ms

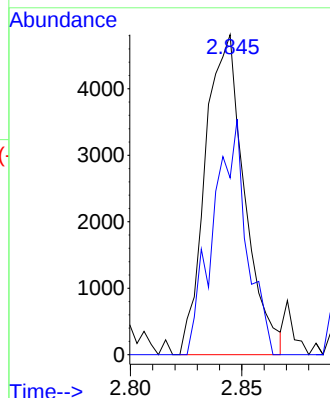
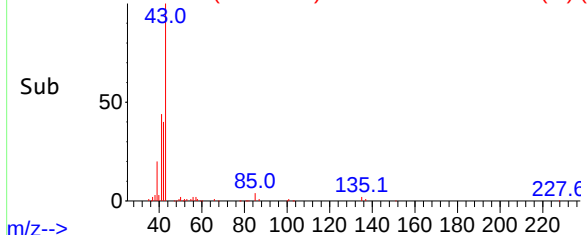


Tgt Ion: 85 Resp: 588
Ion Ratio Lower Upper
85 100
135 63.1 52.4 78.6

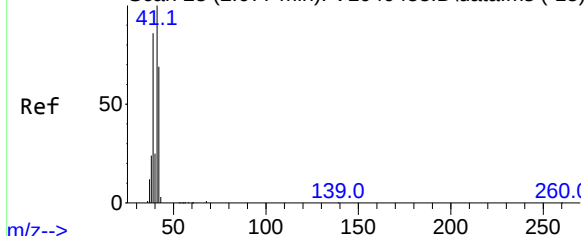
Manual Integrations
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Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

Abundance Scan 75 (2.845 min): VL040563.D\data.ms (-1)



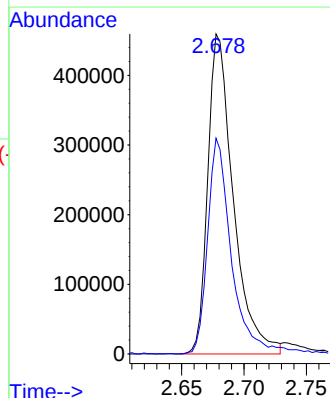
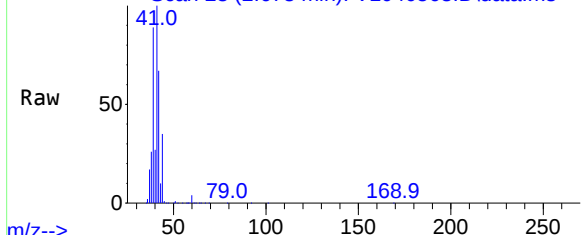
Abundance Scan 23 (2.677 min): VL040455.D\data.ms (-15)



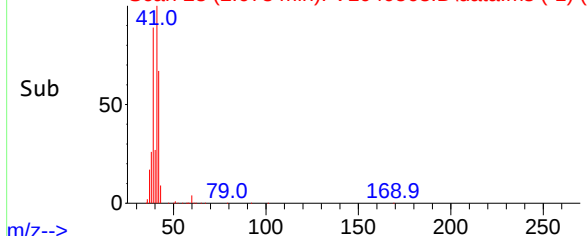
#9
Propene
Concen: 12.463 ppbv
RT: 2.678 min Scan# 23
Delta R.T. -0.026 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

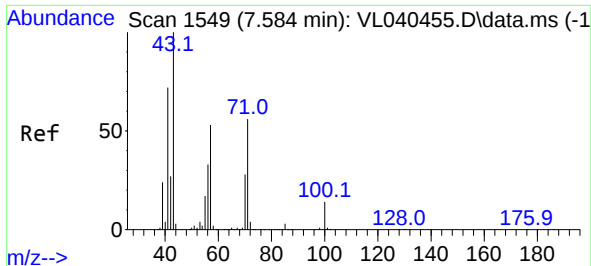
Tgt Ion: 41 Resp: 654905
Ion Ratio Lower Upper
41 100
42 63.6 55.0 82.6

Abundance Scan 23 (2.678 min): VL040563.D\data.ms



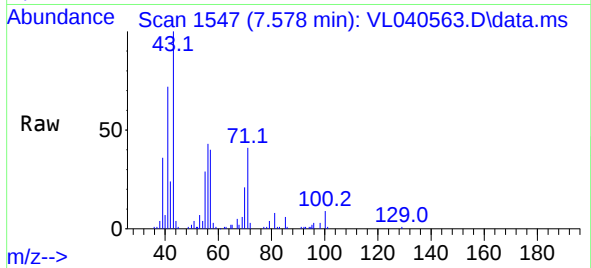
Abundance Scan 23 (2.678 min): VL040563.D\data.ms (-1)





#10
Heptane
Concen: 0.630 ppbv
RT: 7.578 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

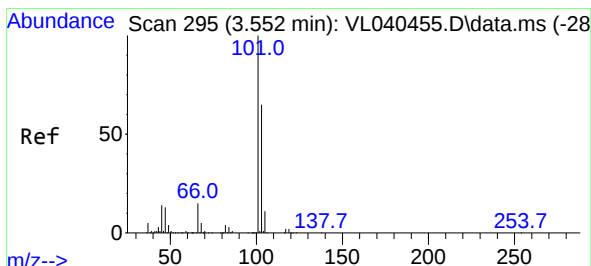
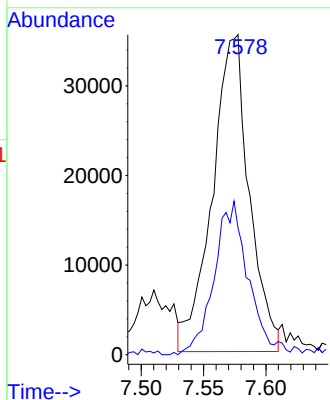
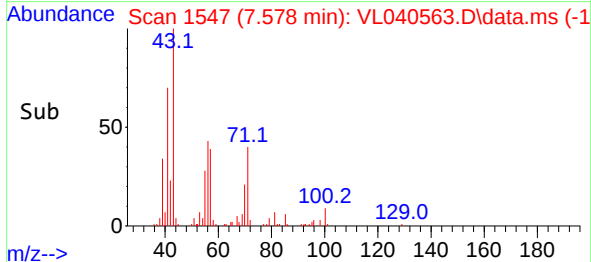
Instrument :
MSVOA_L
ClientSampleId :
SV-21-20230719



Tgt Ion: 43 Resp: 7306
Ion Ratio Lower Upper
43 100
57 47.0 42.5 63.7

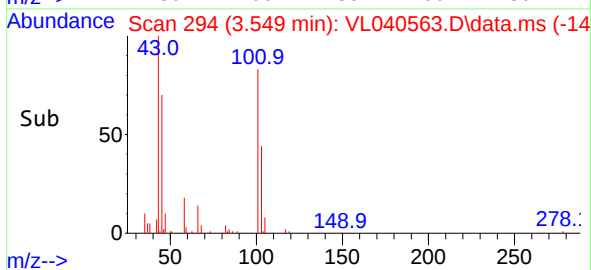
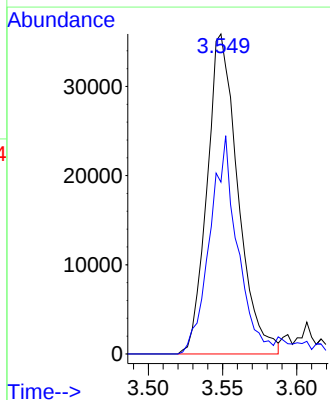
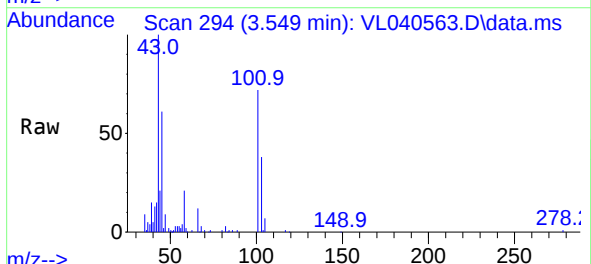
Manual Integrations
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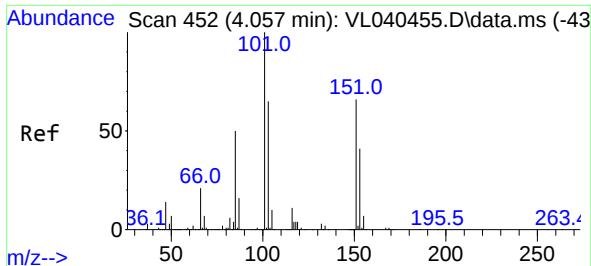
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#11
Trichlorofluoromethane
Concen: 0.331 ppbv
RT: 3.549 min Scan# 294
Delta R.T. -0.022 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

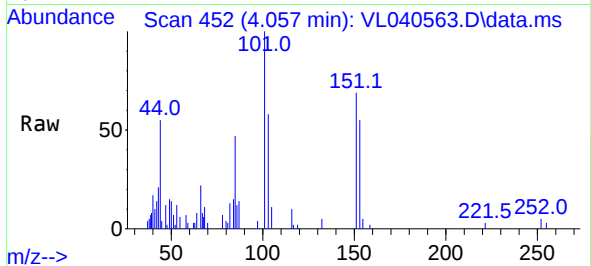
Tgt Ion:101 Resp: 51809
Ion Ratio Lower Upper
101 100
103 53.7 53.4 80.0





#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.106 ppbv
RT: 4.057 min Scan# 411
Delta R.T. -0.016 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

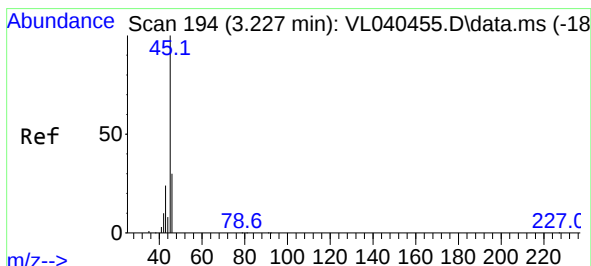
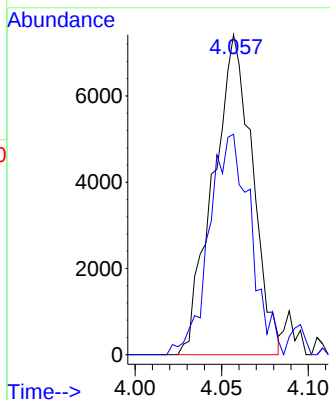
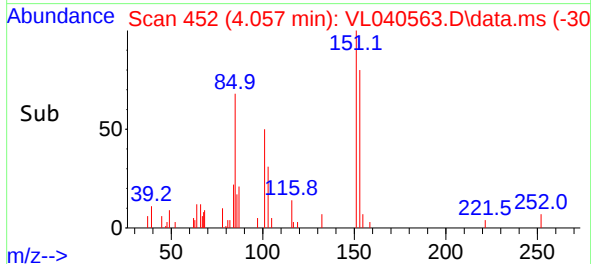
Instrument :
MSVOA_L
ClientSampleId :
SV-21-20230719



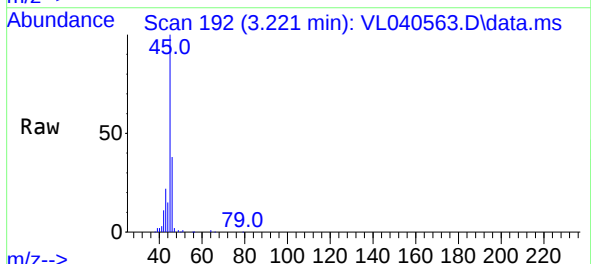
Tgt Ion:101 Resp: 11702
Ion Ratio Lower Upper
101 100
151 76.3 58.2 87.4

Manual Integrations
APPROVED

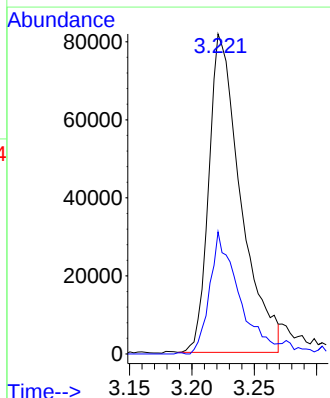
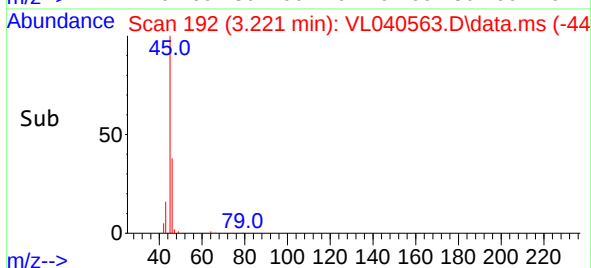
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

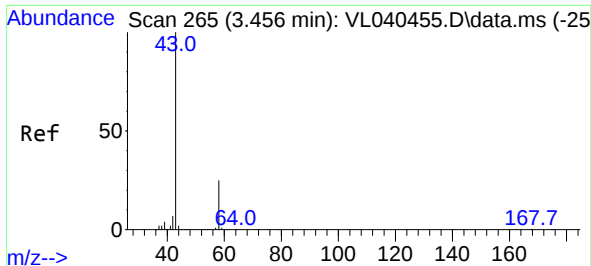


#13
Ethanol
Concen: 12.716 ppbv
RT: 3.221 min Scan# 192
Delta R.T. -0.026 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09



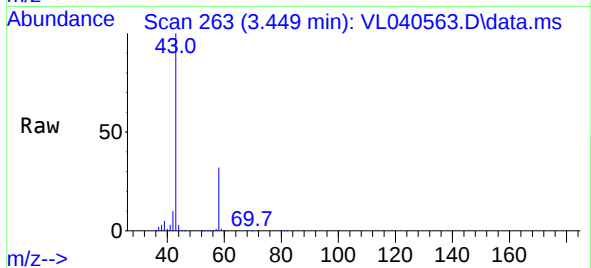
Tgt Ion: 45 Resp: 145386
Ion Ratio Lower Upper
45 100
46 37.1 15.3 61.1





#15
Acetone
Concen: 53.206 ppbv
RT: 3.449 min Scan# 20
Delta R.T. -0.026 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

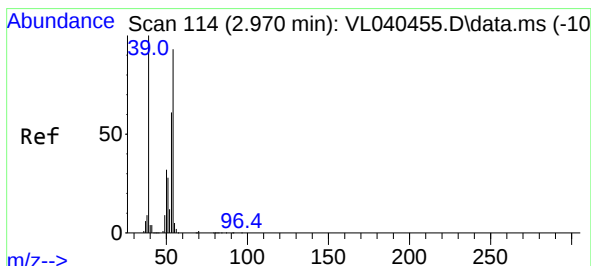
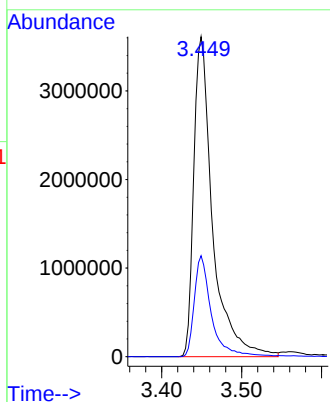
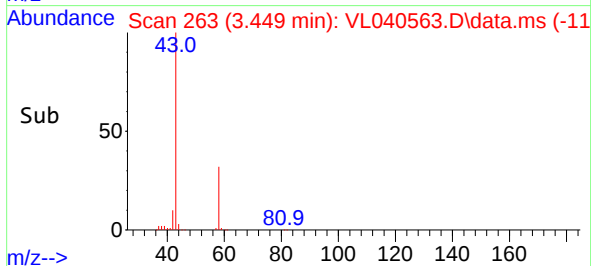
Instrument :
MSVOA_L
ClientSampleId :
SV-21-20230719



Tgt Ion: 43 Resp: 5930980
Ion Ratio Lower Upper
43 100
58 29.2 22.9 34.3

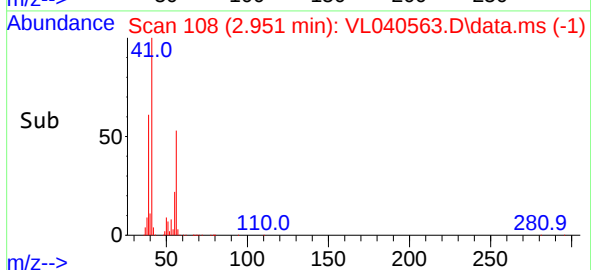
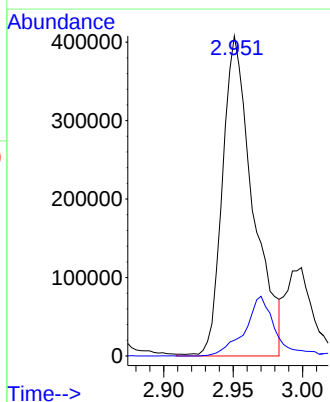
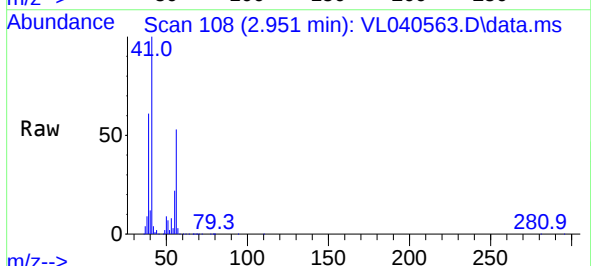
Manual Integrations
APPROVED

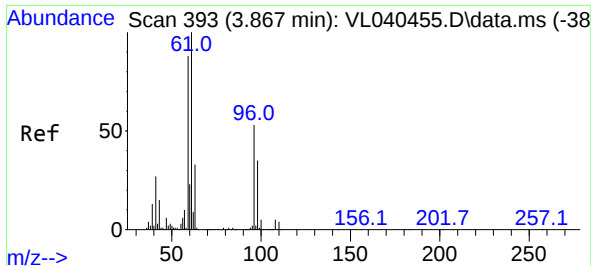
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#16
1,3-Butadiene
Concen: 11.066 ppbv m
RT: 2.951 min Scan# 108
Delta R.T. -0.042 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Tgt Ion: 39 Resp: 622326
Ion Ratio Lower Upper
39 100
54 0.0 66.6 100.0#





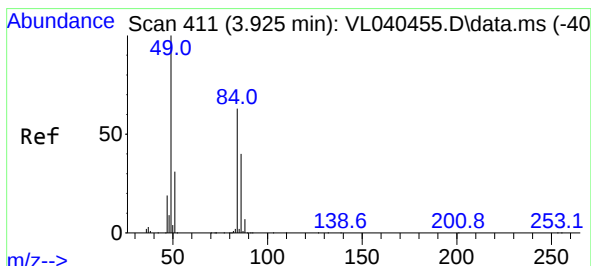
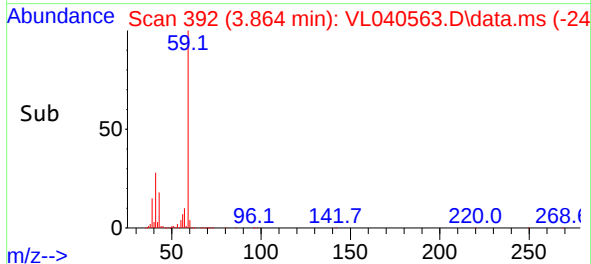
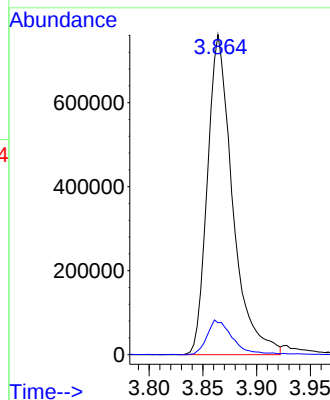
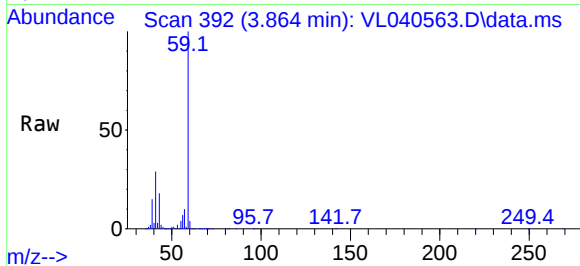
#17
tert-Butyl alcohol
Concen: 10.751 ppbv
RT: 3.864 min Scan# 393
Delta R.T. -0.019 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Instrument :
MSVOA_L
ClientSampleId :
SV-21-20230719

Tgt Ion: 59 Resp: 123951
Ion Ratio Lower Upper
59 100
57 11.2 8.7 13.1

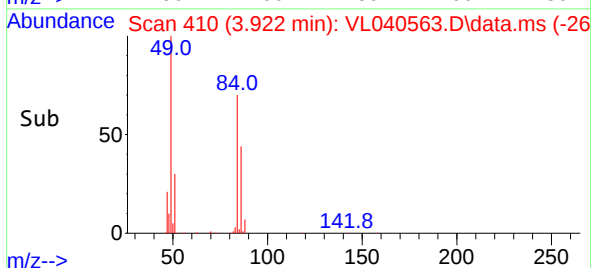
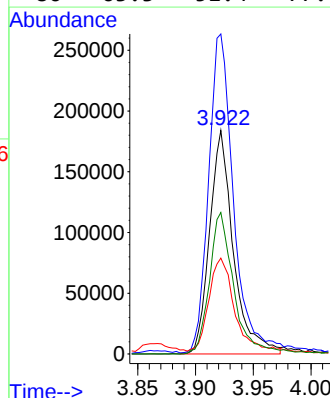
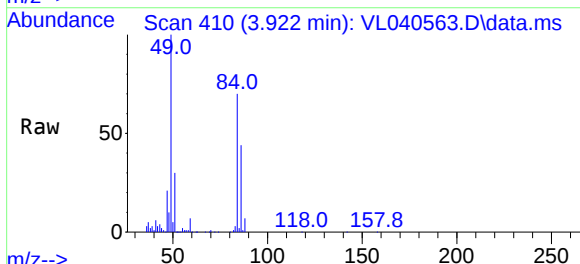
Manual Integrations
APPROVED

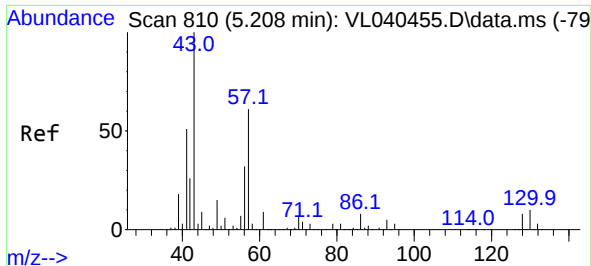
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#20
Methylene Chloride
Concen: 5.564 ppbv
RT: 3.922 min Scan# 410
Delta R.T. -0.019 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

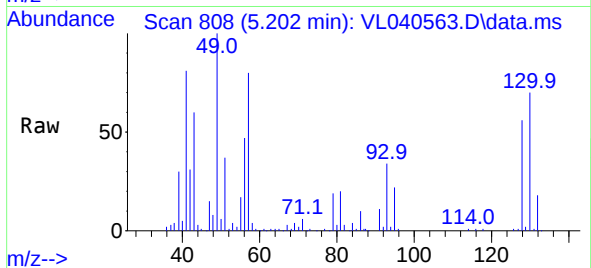
Tgt Ion: 84 Resp: 263847
Ion Ratio Lower Upper
84 100
49 142.6 123.4 185.2
51 41.1 38.3 57.5
86 63.3 51.4 77.0





#26
Hexane
Concen: 1.852 ppbv
RT: 5.202 min Scan# 808
Delta R.T. -0.019 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

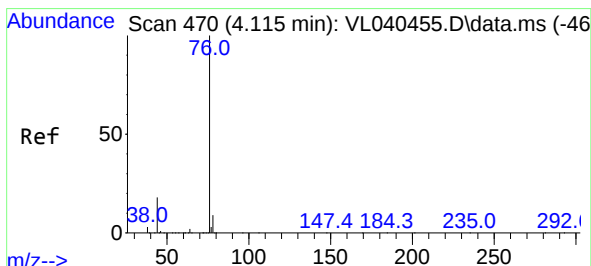
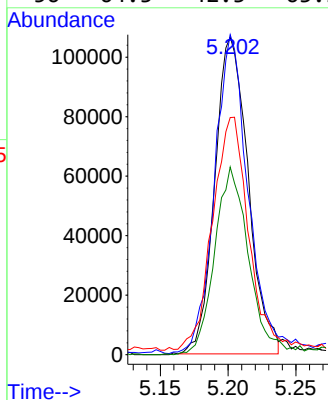
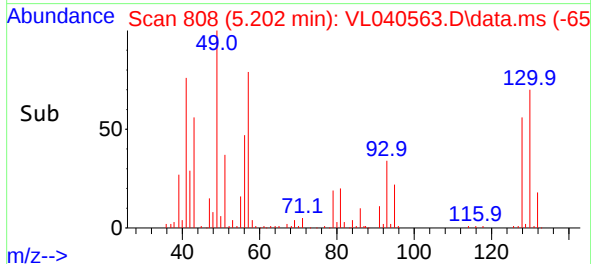
Instrument :
MSVOA_L
ClientSampleId :
SV-21-20230719



Tgt Ion: 57 Resp: 18257
Ion Ratio Lower Upper
57 100
41 102.2 69.5 104.3
43 79.8 177.1 265.7
56 64.3 42.3 63.5

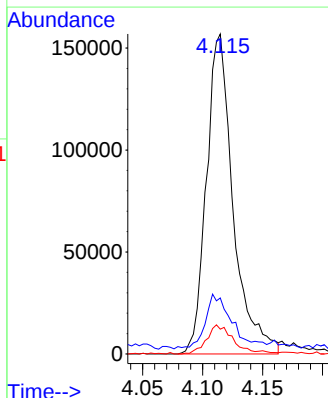
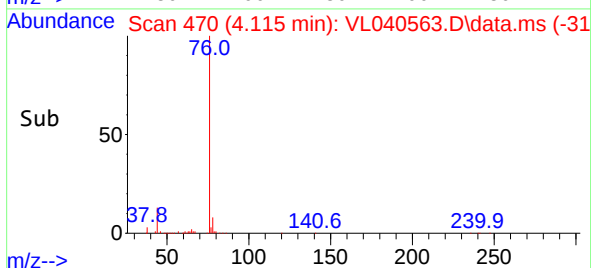
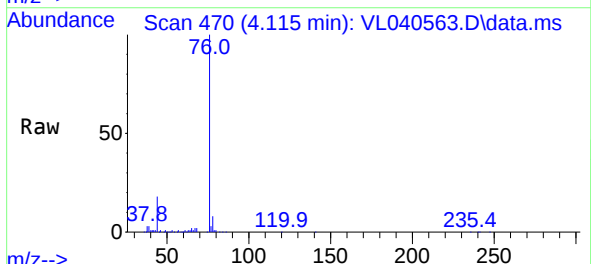
Manual Integrations
APPROVED

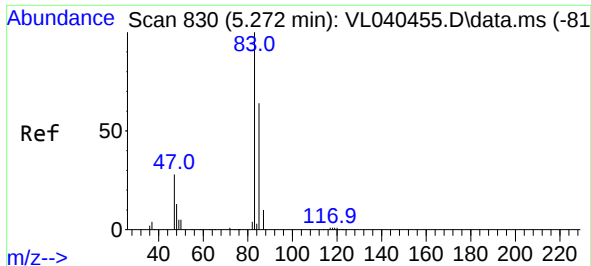
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#27
Carbon Disulfide
Concen: 2.098 ppbv
RT: 4.115 min Scan# 470
Delta R.T. -0.016 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

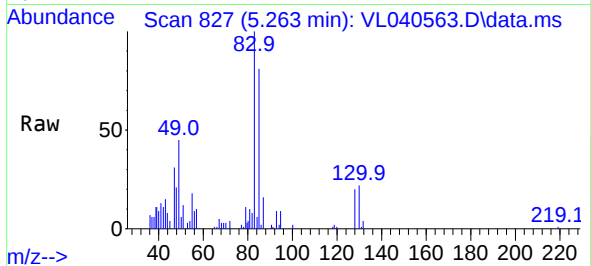
Tgt Ion: 76 Resp: 243294
Ion Ratio Lower Upper
76 100
44 19.1 15.1 22.7
78 9.5 7.5 11.3





#29
Chloroform
Concen: 0.211 ppbv m
RT: 5.263 min Scan# 81
Delta R.T. -0.022 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

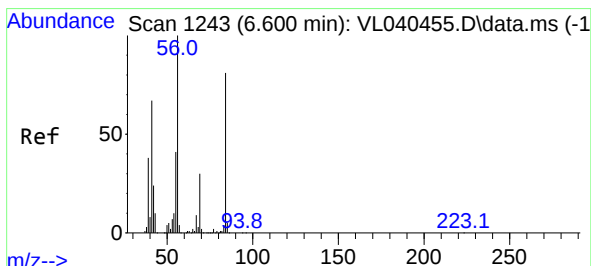
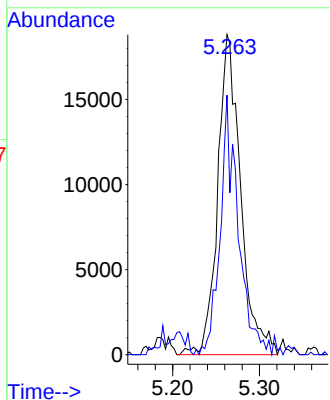
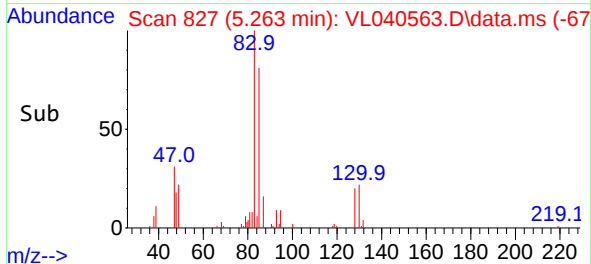
Instrument :
MSVOA_L
ClientSampleId :
SV-21-20230719



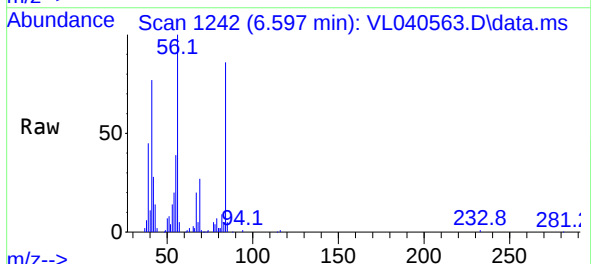
Tgt Ion: 83 Resp: 3448
Ion Ratio Lower Upper
83 100
85 81.1 51.1 76.7

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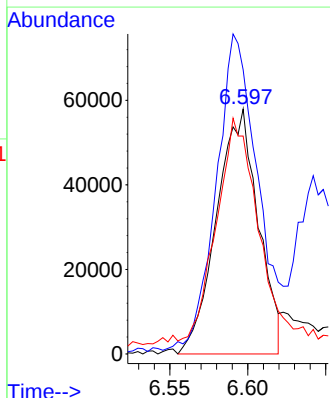
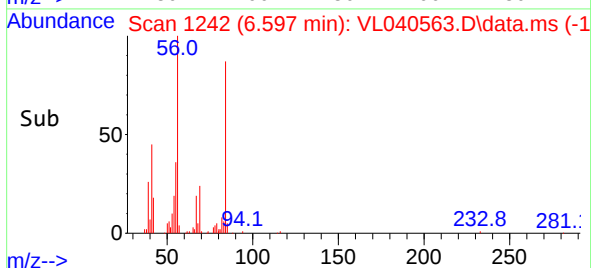
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

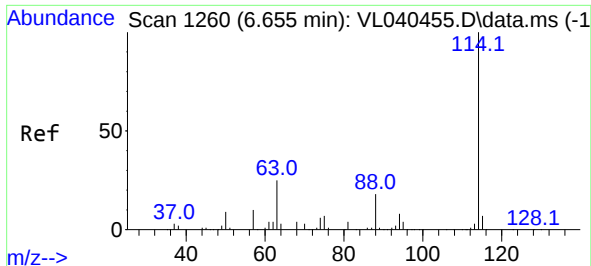


#30
Cyclohexane
Concen: 1.312 ppbv
RT: 6.597 min Scan# 1242
Delta R.T. -0.013 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09



Tgt Ion: 84 Resp: 107600
Ion Ratio Lower Upper
84 100
56 136.7 108.7 163.1
41 107.9 64.5 96.7





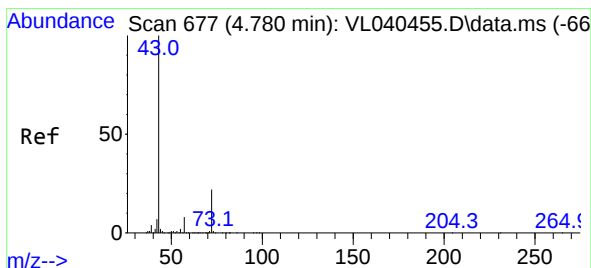
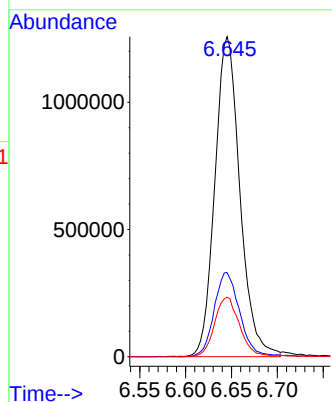
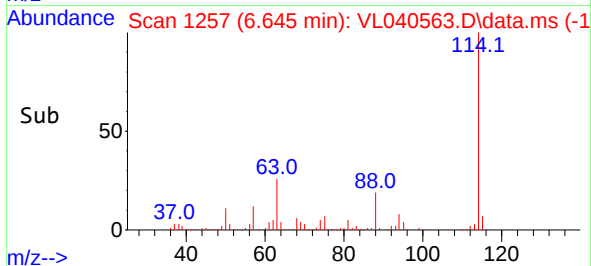
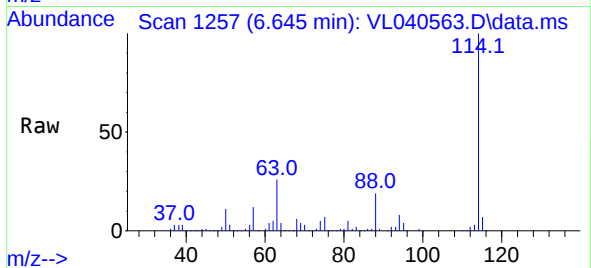
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.645 min Scan# 114
Delta R.T. -0.019 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Instrument :
MSVOA_L
ClientSampleId :
SV-21-20230719

Tgt Ion:114 Resp: 2390130
Ion Ratio Lower Upper
114 100
63 27.3 19.6 29.4
88 18.8 14.2 21.2

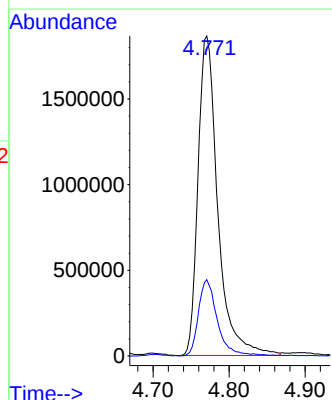
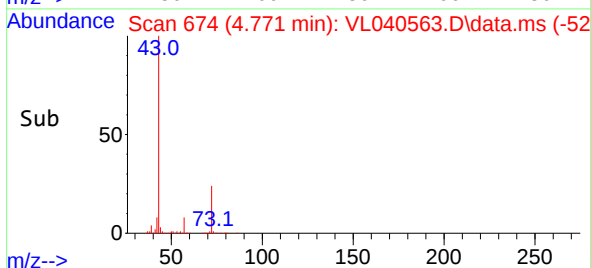
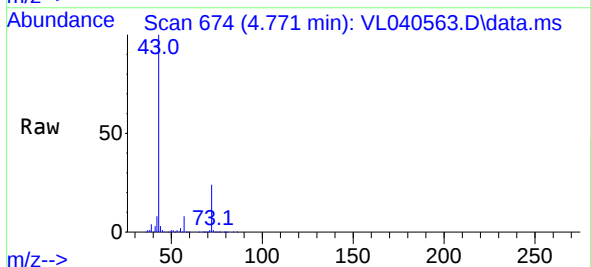
Manual Integrations
APPROVED

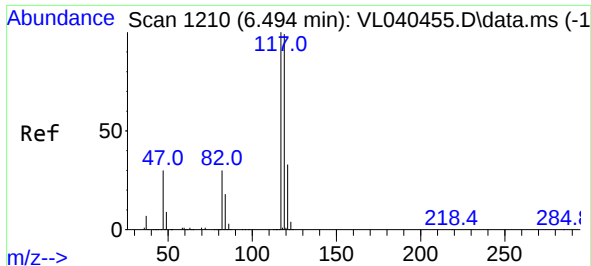
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#34
2-Butanone
Concen: 28.493 ppbv
RT: 4.771 min Scan# 674
Delta R.T. -0.022 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

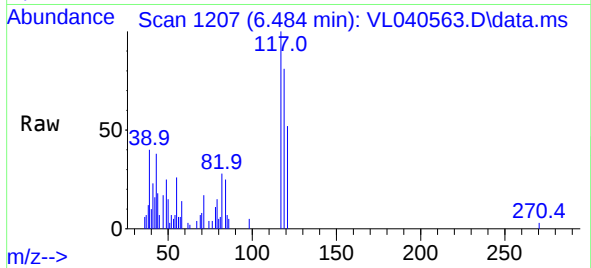
Tgt Ion: 43 Resp: 3365112
Ion Ratio Lower Upper
43 100
72 23.1 19.1 28.7





#35
Carbon Tetrachloride
Concen: 0.097 ppbv m
RT: 6.484 min Scan# 1169
Delta R.T. -0.019 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

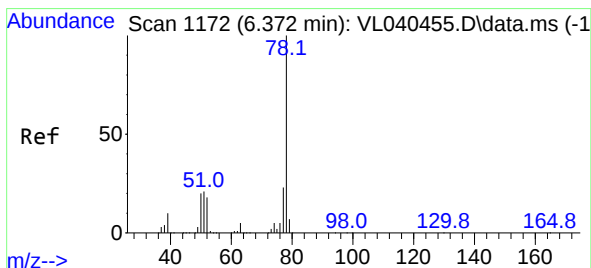
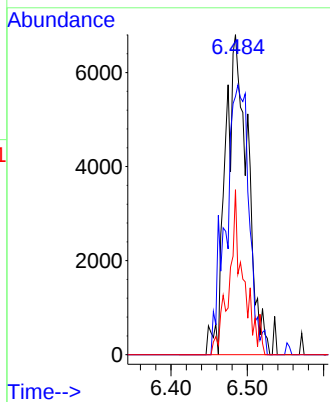
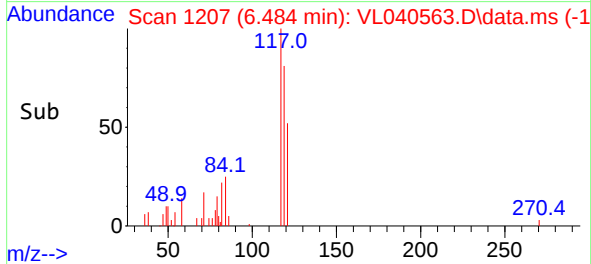
Instrument :
MSVOA_L
ClientSampleId :
SV-21-20230719



Tgt Ion: 117 Resp: 1392
Ion Ratio Lower Upper
117 100
119 80.7 77.8 116.6
121 51.6 24.8 37.2

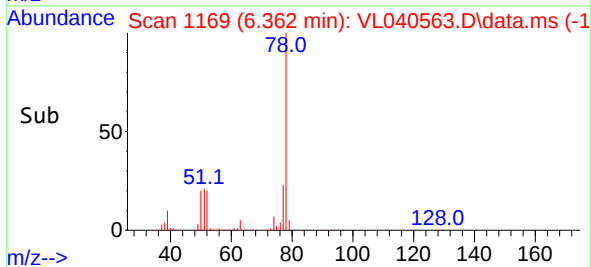
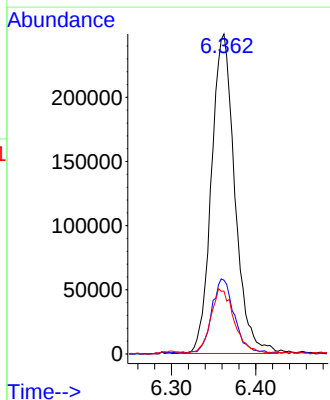
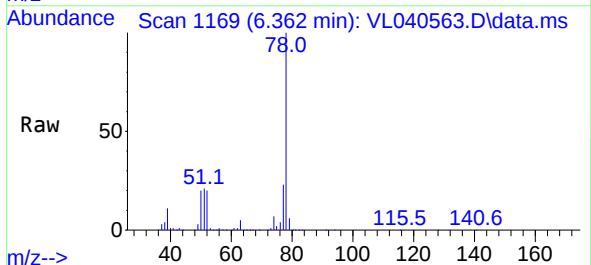
Manual Integrations
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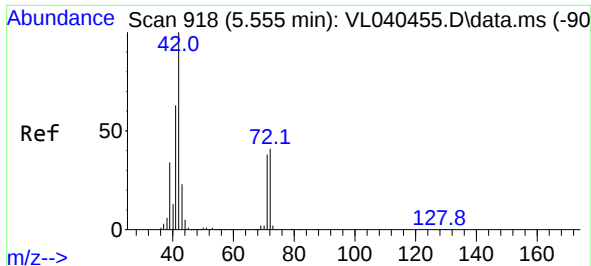
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#36
Benzene
Concen: 2.495 ppbv
RT: 6.362 min Scan# 1169
Delta R.T. -0.019 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Tgt Ion: 78 Resp: 479833
Ion Ratio Lower Upper
78 100
77 22.6 17.4 26.0
50 19.2 14.4 21.6





#41

Tetrahydrofuran

Concen: 0.580 ppbv m

RT: 5.555 min Scan# 918

Delta R.T. -0.010 min

Lab File: VL040563.D

Acq: 27 Jul 2023 6:09

Instrument :

MSVOA_L

ClientSampleId :

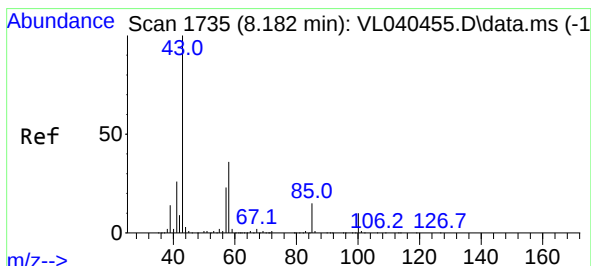
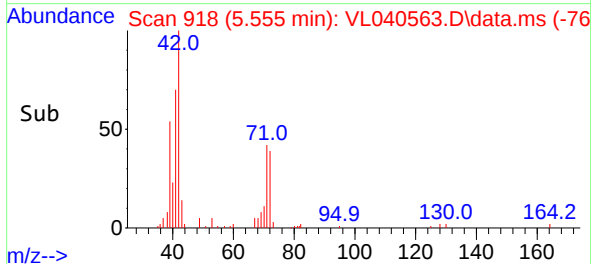
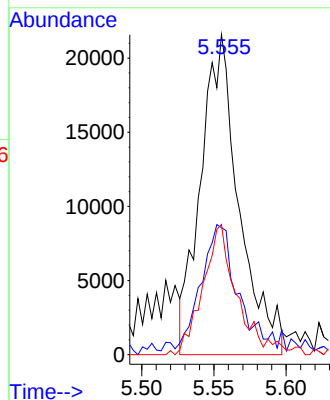
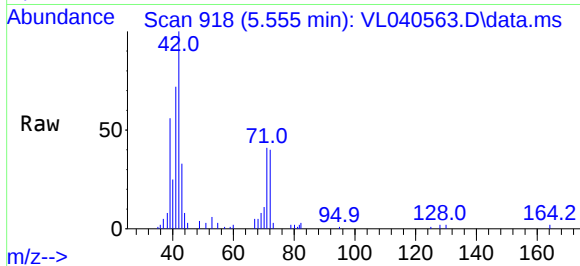
SV-21-20230719

Tgt Ion: 42 Resp: 3998
 Ion Ratio Lower Upper
 42 100
 72 0.0 33.8 50.8
 71 0.0 33.0 49.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/27/2023
 Supervised By :Mahesh Dadoda 07/27/2023



#50

4-Methyl-2-Pentanone

Concen: 21.185 ppbv

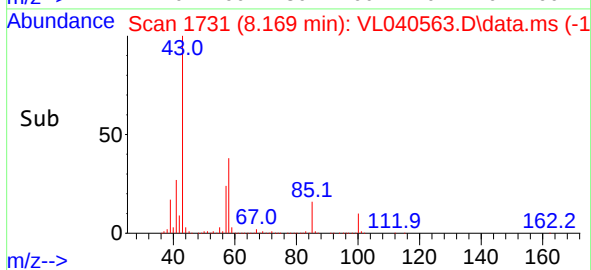
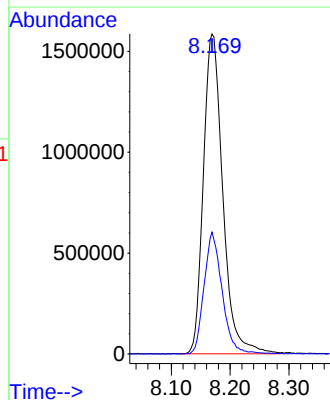
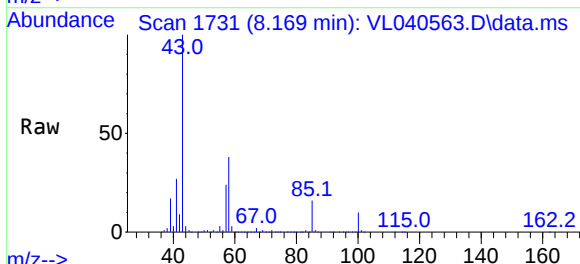
RT: 8.169 min Scan# 1731

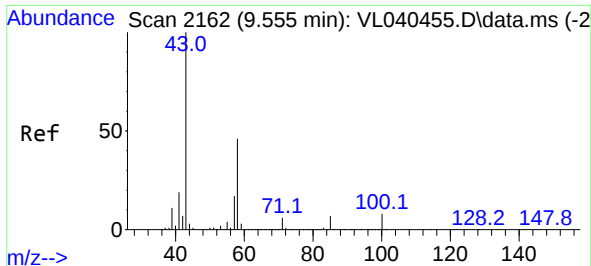
Delta R.T. -0.022 min

Lab File: VL040563.D

Acq: 27 Jul 2023 6:09

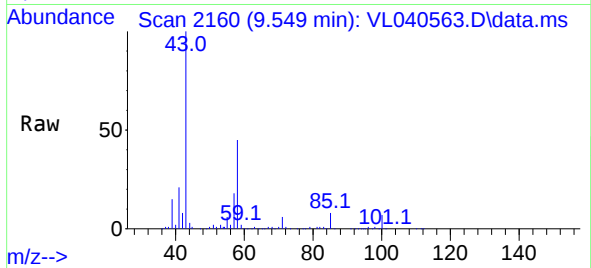
Tgt Ion: 43 Resp: 3635427
 Ion Ratio Lower Upper
 43 100
 58 35.5 30.2 45.2





#51
2-Hexanone
Concen: 3.837 ppbv
RT: 9.549 min Scan# 2162
Delta R.T. -0.012 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

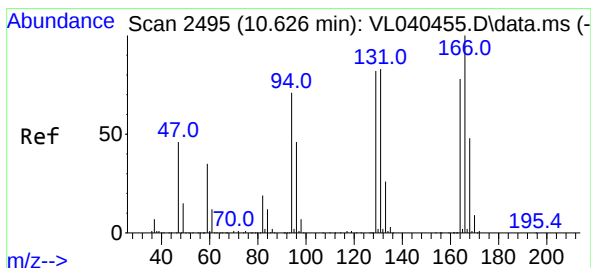
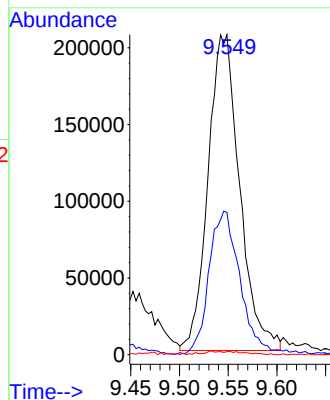
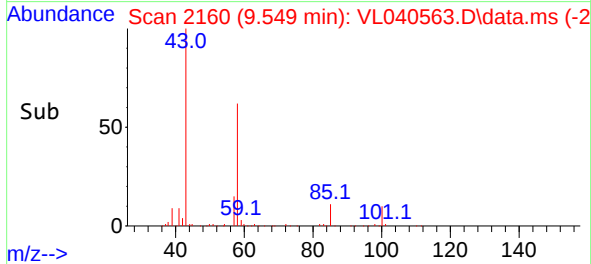
Instrument :
MSVOA_L
ClientSampleId :
SV-21-20230719



Tgt Ion: 43 Resp: 46563
Ion Ratio Lower Upper
43 100
58 45.2 39.7 59.5
98 1.4 0.3 0.5

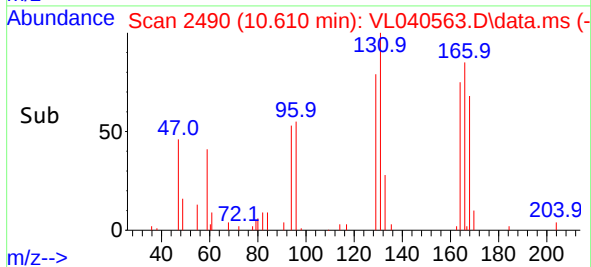
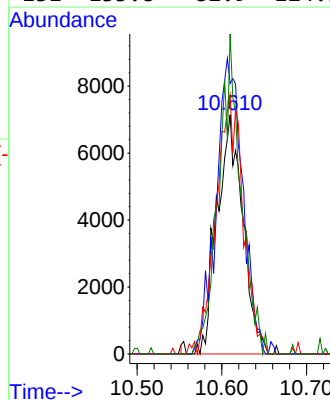
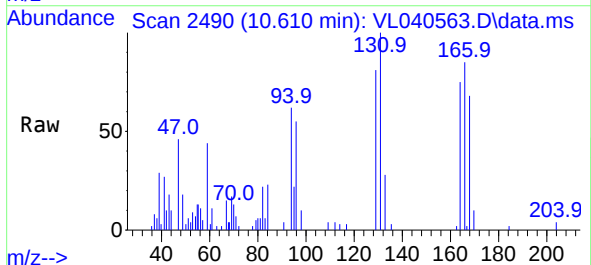
Manual Integrations
APPROVED

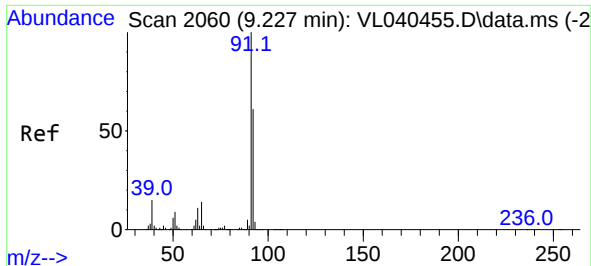
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#52
Tetrachloroethene
Concen: 0.244 ppbv m
RT: 10.610 min Scan# 2490
Delta R.T. -0.016 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

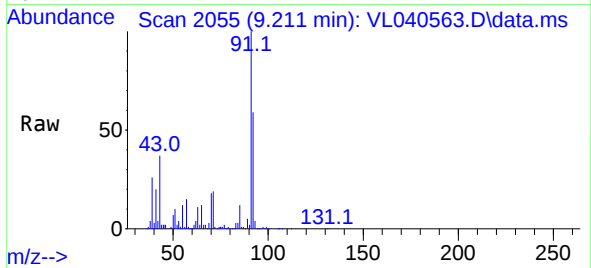
Tgt Ion:164 Resp: 15208
Ion Ratio Lower Upper
164 100
166 113.1 103.9 155.9
129 108.4 84.6 126.8
131 133.8 82.9 124.3





#53
Toluene
Concen: 2.371 ppbv
RT: 9.211 min Scan# 2060
Delta R.T. -0.019 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

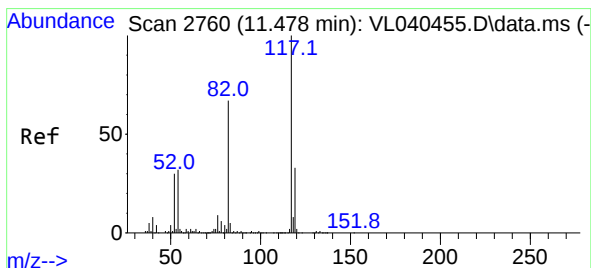
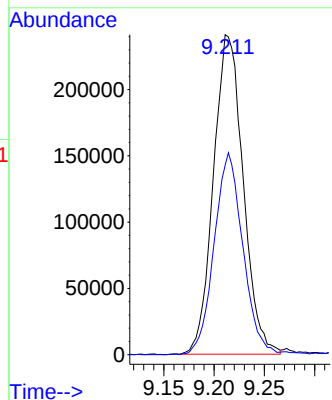
Instrument :
MSVOA_L
ClientSampleId :
SV-21-20230719



Tgt Ion: 91 Resp: 49529
Ion Ratio Lower Upper
91 100
92 61.6 49.1 73.7

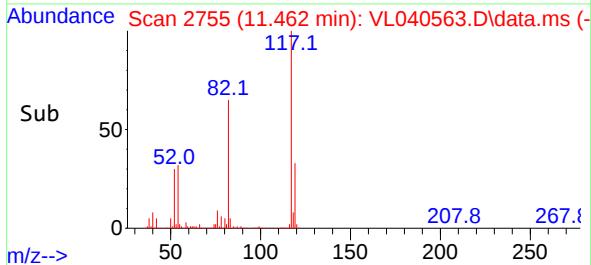
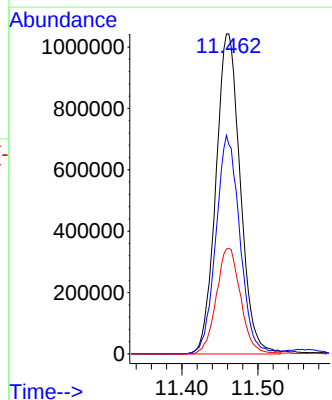
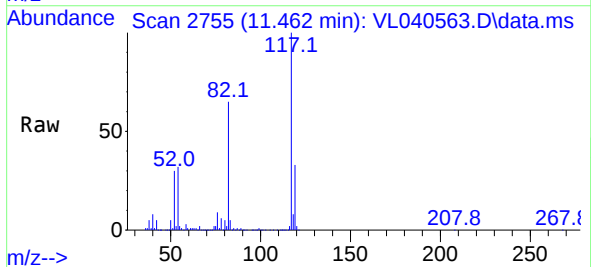
Manual Integrations
APPROVED

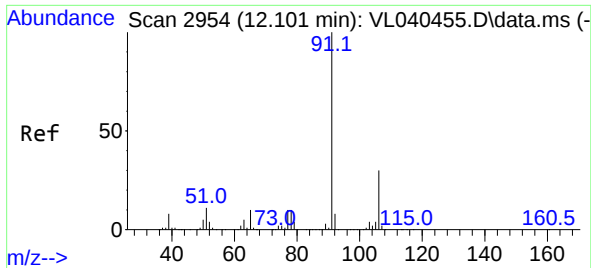
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 11.462 min Scan# 2755
Delta R.T. -0.016 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Tgt Ion:117 Resp: 2319107
Ion Ratio Lower Upper
117 100
82 67.4 50.2 75.4
119 33.1 26.9 40.3





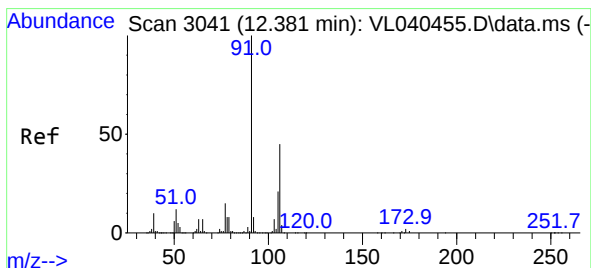
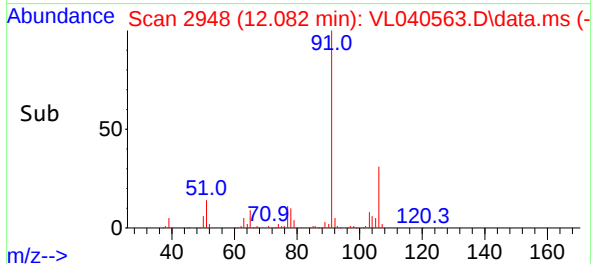
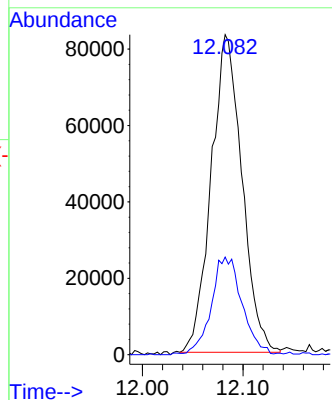
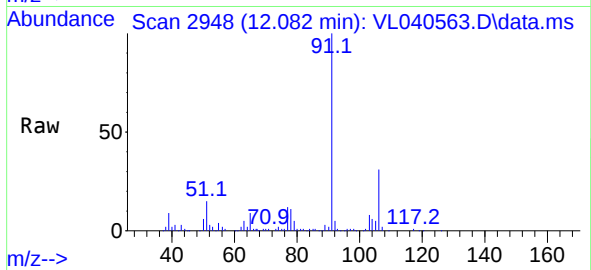
#58
Ethyl Benzene
Concen: 0.608 ppbv
RT: 12.082 min Scan# 2954
Delta R.T. -0.019 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Instrument :
MSVOA_L
ClientSampleId :
SV-21-20230719

Tgt Ion: 91 Resp: 17689
Ion Ratio Lower Upper
91 100
106 30.4 25.4 38.0

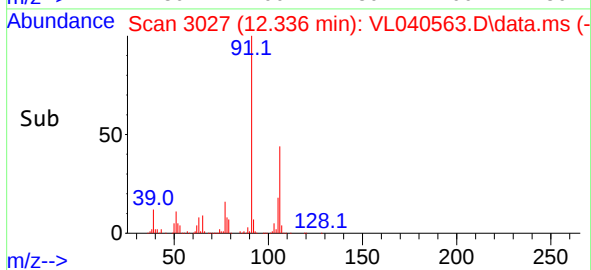
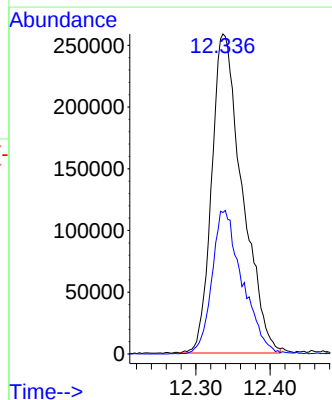
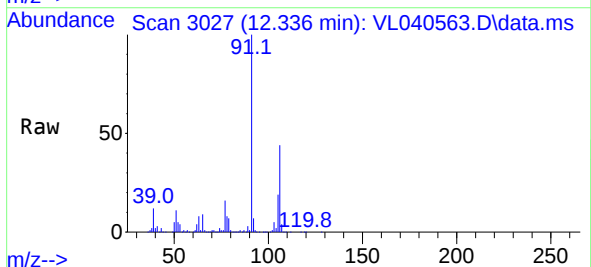
Manual Integrations
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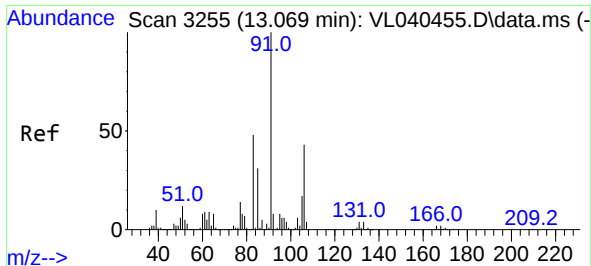
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#59
m/p-Xylene
Concen: 2.842 ppbv
RT: 12.336 min Scan# 3027
Delta R.T. -0.048 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

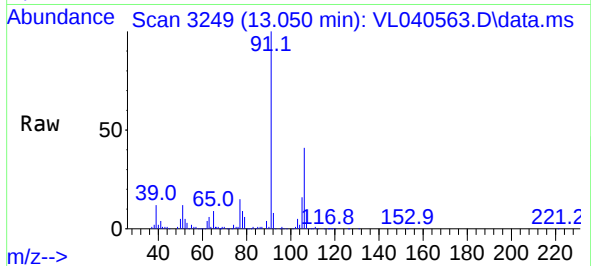
Tgt Ion: 91 Resp: 738342
Ion Ratio Lower Upper
91 100
106 44.9 35.9 53.9





#60
o-Xylene
Concen: 1.641 ppbv
RT: 13.050 min Scan# 3199
Delta R.T. -0.019 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

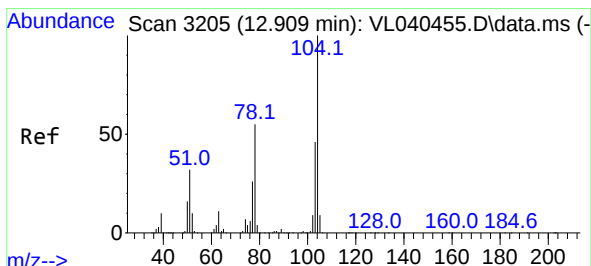
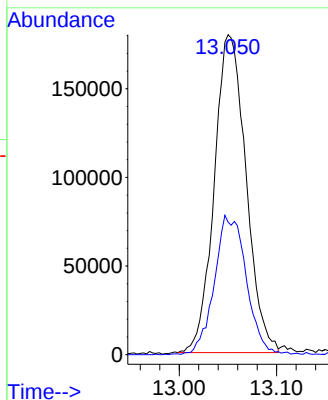
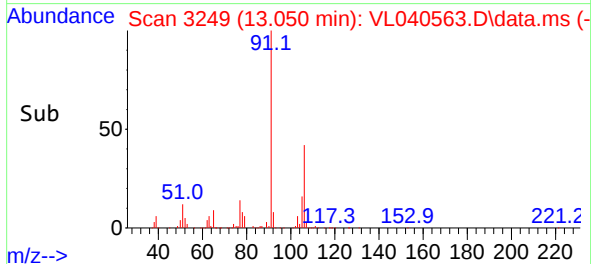
Instrument :
MSVOA_L
ClientSampleId :
SV-21-20230719



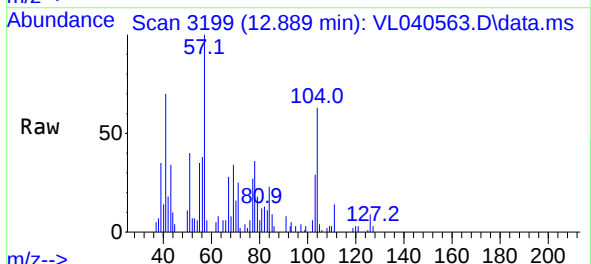
Tgt Ion: 91 Resp: 405949
Ion Ratio Lower Upper
91 100
106 44.4 22.7 68.0

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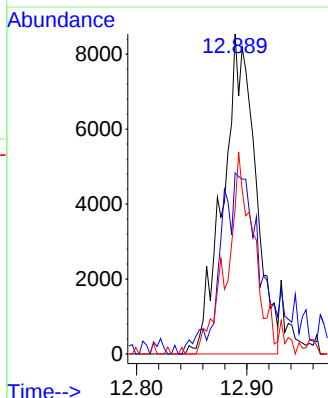
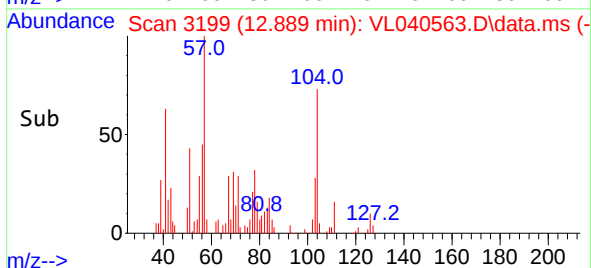
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

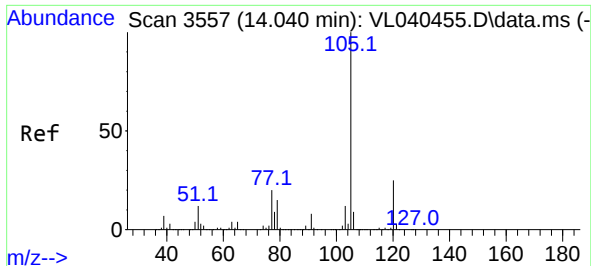


#61
Styrene
Concen: 0.153 ppbv m
RT: 12.889 min Scan# 3199
Delta R.T. -0.022 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09



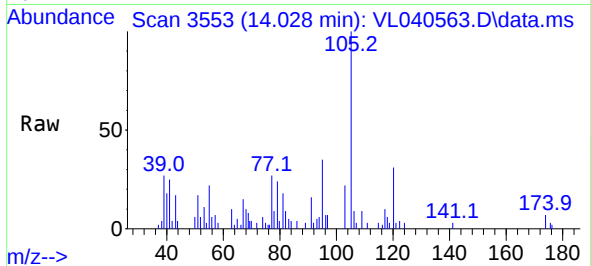
Tgt Ion:104 Resp: 17479
Ion Ratio Lower Upper
104 100
78 0.0 40.1 60.1#
103 54.1 37.0 55.4





#62
Isopropylbenzene
Concen: 0.064 ppbv m
RT: 14.028 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

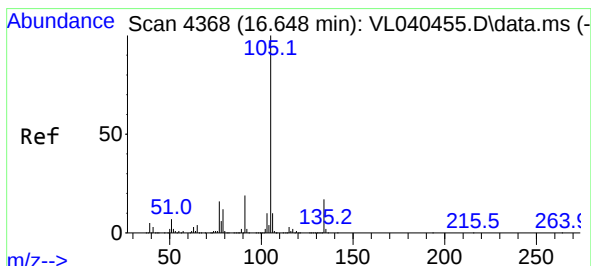
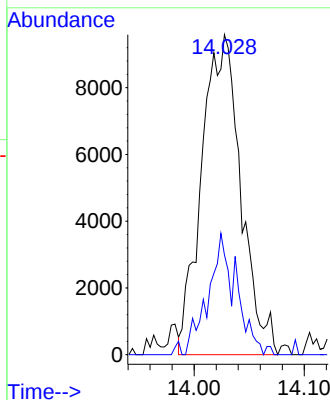
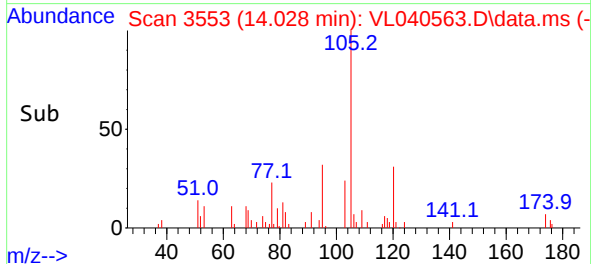
Instrument :
MSVOA_L
ClientSampleId :
SV-21-20230719



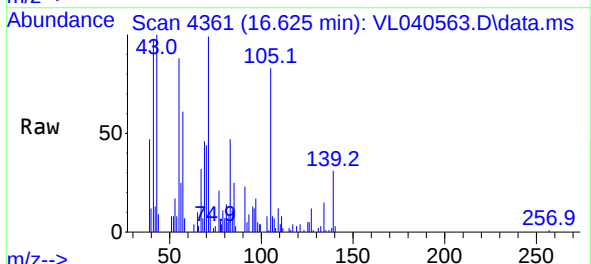
Tgt Ion:105 Resp: 2367
Ion Ratio Lower Upper
105 100
120 0.0 20.8 31.2

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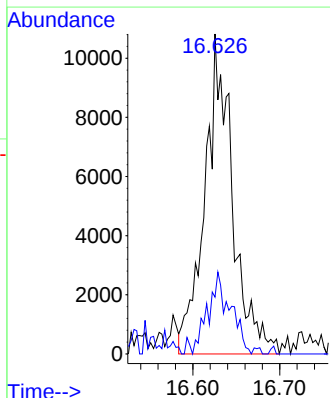
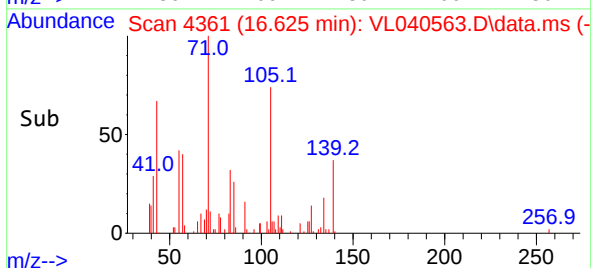
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023

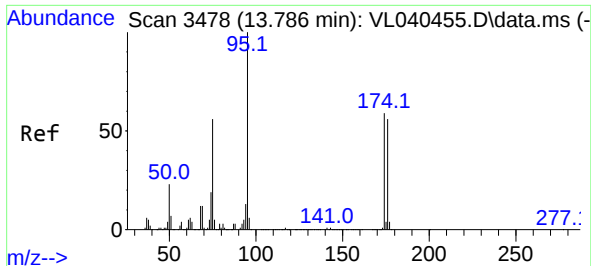


#67
sec-Butylbenzene
Concen: 0.050 ppbv m
RT: 16.625 min Scan# 4361
Delta R.T. -0.022 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09



Tgt Ion:105 Resp: 23889
Ion Ratio Lower Upper
105 100
134 21.9 14.4 21.6





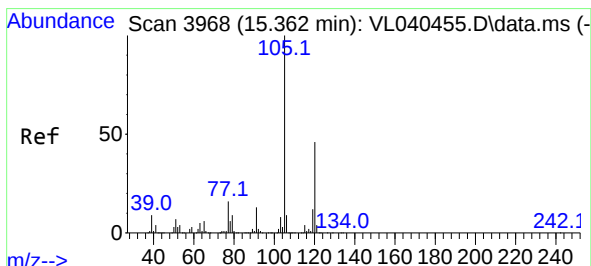
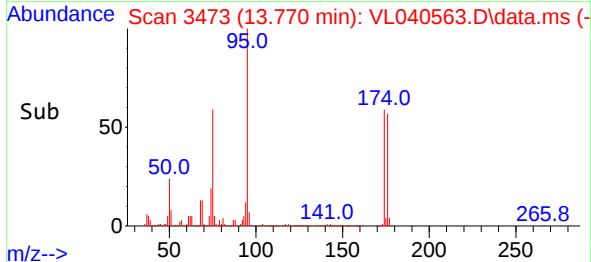
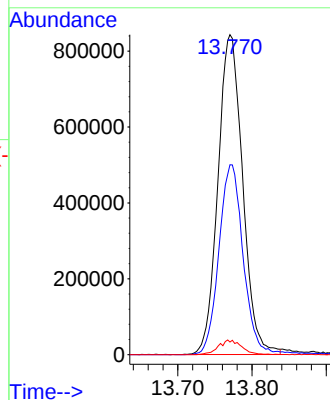
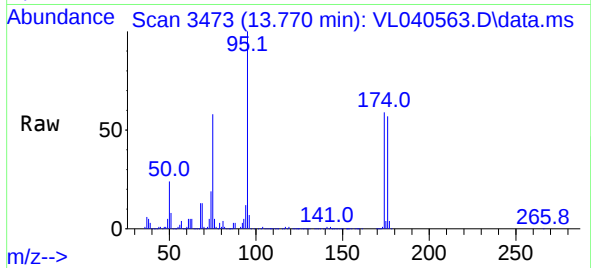
#68
1-Bromo-4-Fluorobenzene
Concen: 10.643 ppbv
RT: 13.770 min Scan# 3478
Delta R.T. -0.013 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

Instrument :
MSVOA_L
ClientSampleId :
SV-21-20230719

Tgt Ion: 95 Resp: 1953500
Ion Ratio Lower Upper
95 100
174 59.0 50.6 75.8
175 4.3 3.7 5.5

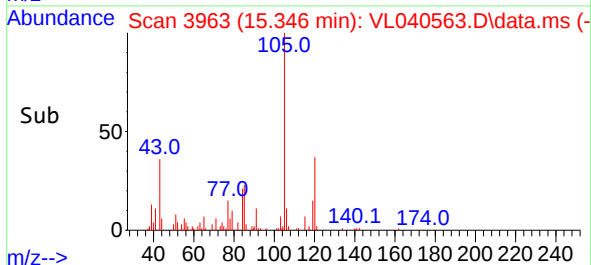
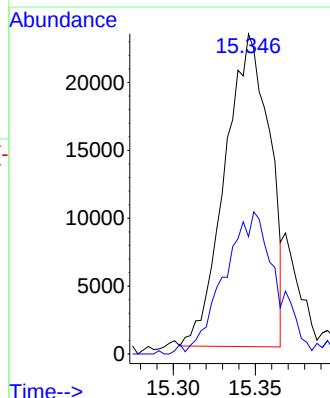
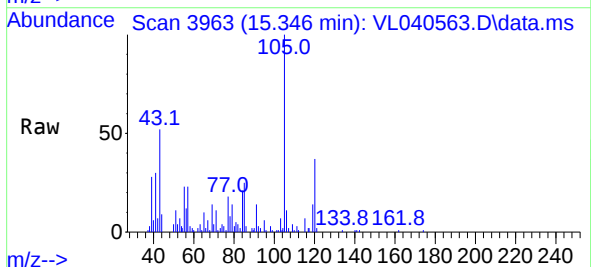
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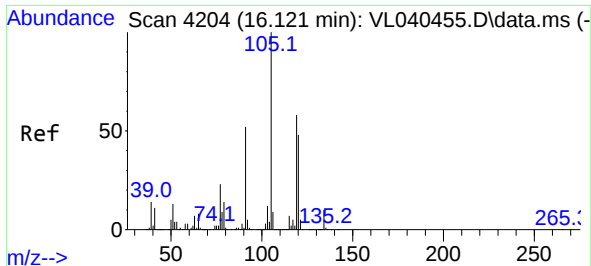
Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#73
1,3,5-Trimethylbenzene
Concen: 0.170 ppbv
RT: 15.346 min Scan# 3963
Delta R.T. -0.016 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

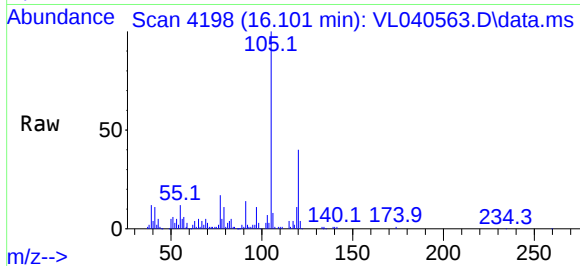
Tgt Ion:105 Resp: 43569
Ion Ratio Lower Upper
105 100
120 34.5 38.2 57.2#





#74
1,2,4-Trimethylbenzene
Concen: 0.583 ppbv
RT: 16.101 min Scan# 4198
Delta R.T. -0.016 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09

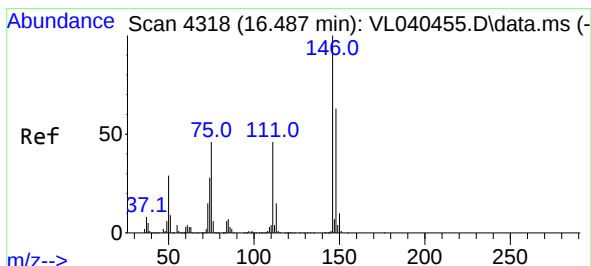
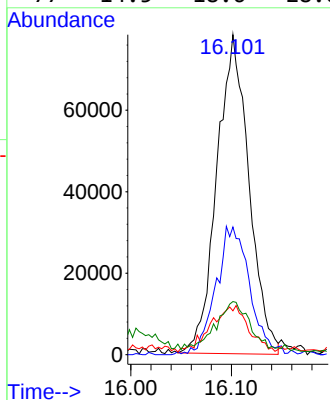
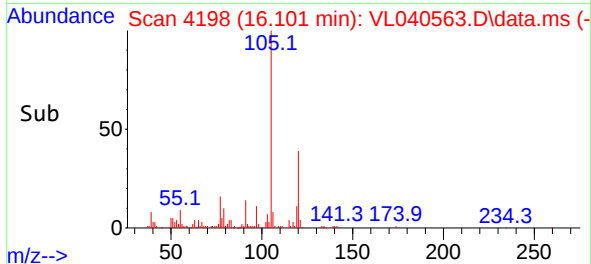
Instrument :
MSVOA_L
ClientSampleId :
SV-21-20230719



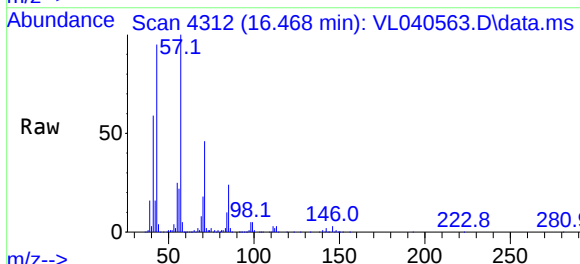
Tgt Ion:105 Resp: 173860
Ion Ratio Lower Upper
105 100
120 39.1 40.3 60.5
91 12.9 46.8 70.2
77 14.5 18.6 28.0

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 07/27/2023
Supervised By :Mahesh Dadoda 07/27/2023



#76
1,4-Dichlorobenzene
Concen: 0.118 ppbv m
RT: 16.468 min Scan# 4312
Delta R.T. -0.019 min
Lab File: VL040563.D
Acq: 27 Jul 2023 6:09



Tgt Ion:146 Resp: 20941
Ion Ratio Lower Upper
146 100
111 103.9 22.8 68.3#
148 0.0 32.6 97.8#

