

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022123\
 Data File : VL040194.D
 Acq On : 21 Feb 2023 14:15
 Operator : SY/MD
 Sample : VL0221ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0221ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023
 Supervised By :Mahesh Dadoda 02/23/2023

Quant Time: Feb 22 03:22:14 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M

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

QLast Update : Wed Feb 22 03:17:31 2023

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	858046	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.677	114	2239680	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.500	117	2109163m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.809 95 1632856 9.415 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 94.100%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.732	85	1693755	10.591	ppbv	99
3) Chlorodifluoromethane	2.677	51	1015030	9.902	ppbv	100
4) Chloromethane	2.816	50	656883	10.202	ppbv	94
5) Vinyl Chloride	2.925	62	569582	11.009	ppbv	98
6) Bromomethane	3.124	94	185820	9.951	ppbv	95
7) Chloroethane	3.201	64	203994	9.942	ppbv	96
8) Dichlorotetrafluoroethane	2.861	85	1401935	10.174	ppbv	99
9) Propene	2.693	41	432017	10.340	ppbv	99
10) Heptane	7.600	43	1103682	11.098	ppbv	100
11) Trichlorofluoromethane	3.571	101	1423196	9.919	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.076	101	1075438	10.160	ppbv	100
13) Ethanol	3.253	45	24735m	6.431	ppbv	
14) Bromoethene	3.372	108	437193	10.770	ppbv	98
15) Acetone	3.475	43	945781	9.155	ppbv	99
16) 1,3-Butadiene	2.986	39	502957	10.661	ppbv	98
17) tert-Butyl alcohol	3.886	59	978066	10.381	ppbv	100
18) 1,1-Dichloroethene	3.889	96	472245	10.268	ppbv	99
19) Isopropyl Alcohol	3.581	45	459865	9.365	ppbv	100
20) Methylene Chloride	3.944	84	408257	7.592	ppbv	99
21) Allyl Chloride	4.005	41	707634	11.168	ppbv	98
22) trans-1,2-Dichloroethene	4.459	96	499809	10.494	ppbv	95
23) Vinyl Acetate	4.642	43	330750	10.550	ppbv	98
24) 1,1-Dichloroethane	4.578	63	999107	10.195	ppbv	98
25) Ethyl Acetate	5.221	43	2022723	10.533	ppbv	100
26) Hexane	5.227	57	863678	10.476	ppbv	98
27) Carbon Disulfide	4.134	76	1226618	11.726	ppbv	99
28) Methyl tert-Butyl Ether	4.600	73	943738	10.684	ppbv	99
29) Chloroform	5.291	83	1463394	10.338	ppbv	99
30) Cyclohexane	6.622	84	737593	11.394	ppbv	97
31) cis-1,2-Dichloroethene	5.095	61	873075	11.146	ppbv	95
32) 1,1,1-Trichloroethane	6.021	97	1452560	10.922	ppbv	99
34) 2-Butanone	4.803	43	1108261	10.031	ppbv	100
35) Carbon Tetrachloride	6.513	117	1509354	11.400	ppbv	100
36) Benzene	6.391	78	1856594	10.652	ppbv	99
37) 1,2-Dichloroethane	5.825	62	1117940	10.255	ppbv	99
38) Trichloroethene	7.317	130	1091541	11.365	ppbv	99
39) 1,2-Dichloropropane	7.095	63	703830	10.380	ppbv	99
40) 1,4-Dioxane	7.311	88	255760	9.430	ppbv	79
41) Tetrahydrofuran	5.574	42	698958	10.917	ppbv	100
42) Bromodichloromethane	7.272	83	1609882	10.700	ppbv	100
43) Methyl Methacrylate	7.497	69	738375	11.449	ppbv	98
44) 2,2,4-Trimethylpentane	7.349	57	3038120	10.442	ppbv	100
45) t-1,3-Dichloropropene	8.735	75	696181	12.169	ppbv	98

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Instrument :
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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/22/2023
 Supervised By : Mahesh Dadoda 02/23/2023

Quant Time: Feb 22 03:22:14 2023

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M

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

QLast Update : Wed Feb 22 03:17:31 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.166	75	941613	11.814	ppbv	96
47) 1,1,2-Trichloroethane	8.928	97	769918	10.498	ppbv	98
48) Dibromochloromethane	9.738	129	1319447	11.249	ppbv	99
49) Bromoform	12.439	173	1046626	11.432	ppbv	100
50) 4-Methyl-2-Pentanone	8.208	43	1868041	10.890	ppbv	100
51) 2-Hexanone	9.577	43	1439614	10.912	ppbv	99
52) Tetrachloroethene	10.645	164	622102	11.430	ppbv	96
53) Toluene	9.249	91	2104462	11.273	ppbv	100
54) 1,2-Dibromoethane	10.040	107	853253	11.182	ppbv	97
56) 1,1,1,2-Tetrachloroethane	11.539	131	938100	10.596	ppbv	94
57) Chlorobenzene	11.558	112	1608121	10.436	ppbv	97
58) Ethyl Benzene	12.121	91	2881488	11.244	ppbv	99
59) m/p-Xylene	12.400	91	4899191m	21.585	ppbv	
60) o-Xylene	13.092	91	2355338	10.784	ppbv	99
61) Styrene	12.931	104	1356014	11.826	ppbv	100
62) Isopropylbenzene	14.063	105	3315184	10.575	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.079	83	779487	9.904	ppbv	100
64) n-propylbenzene	14.947	120	837539	10.795	ppbv	99
65) tert-Butylbenzene	16.124	119	2879342	10.566	ppbv	99
66) Benzyl Chloride	16.362	91	189387	10.444	ppbv	99
67) sec-Butylbenzene	16.670	105	4052801	10.370	ppbv	100
69) p-Isopropyltoluene	17.027	119	3256433	10.511	ppbv	99
70) n-Butylbenzene	17.918	91	3470395	10.320	ppbv	100
71) 2-Chlorotoluene	14.834	91	2532481	10.563	ppbv	100
72) 4-Ethyltoluene	15.223	105	2641370	10.940	ppbv	98
73) 1,3,5-Trimethylbenzene	15.381	105	2350343	10.462	ppbv	100
74) 1,2,4-Trimethylbenzene	16.143	105	2537429	10.283	ppbv	95
75) 1,3-Dichlorobenzene	16.365	146	1380747	10.225	ppbv	99
76) 1,4-Dichlorobenzene	16.506	146	1357714	10.260	ppbv	99
77) 1,2-Dichlorobenzene	17.175	146	1330982	9.922	ppbv	100
78) Hexachloro-1,3-Butadiene	22.670	225	830186	9.008	ppbv	100
79) Naphthalene	21.419	128	1618818	11.677	ppbv	98
80) Naphthalene,2-methyl-	24.406	142	397795	10.091	ppbv	99
81) 1,2,4-Trichlorobenzene	21.175	180	899110	10.364	ppbv	98

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

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Instrument :
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 ClientSampleId :
 VL0221ABS01

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 02/22/2023
 Supervised By : Mahesh Dadoda 02/23/2023

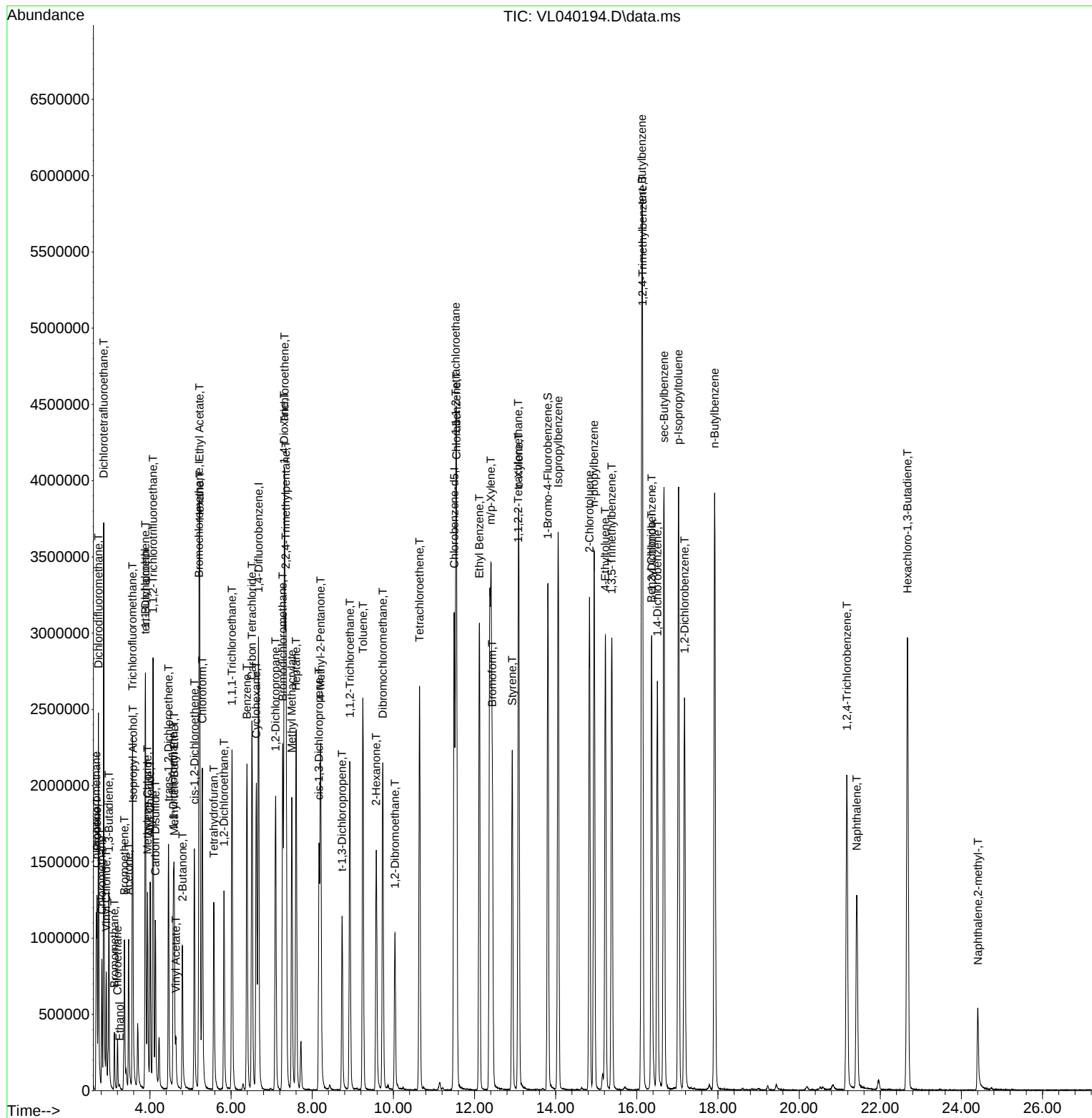
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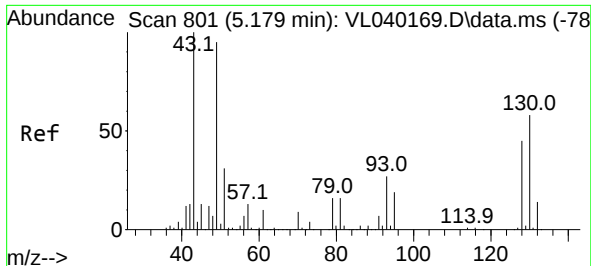
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL021523AIR.M

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

QLast Update : Wed Feb 22 03:17:31 2023

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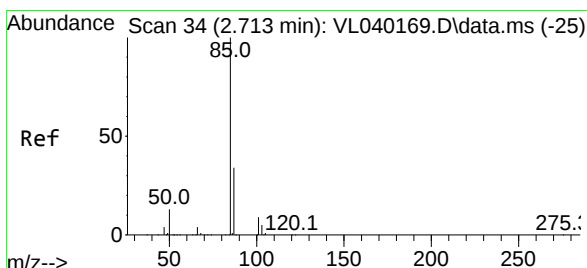
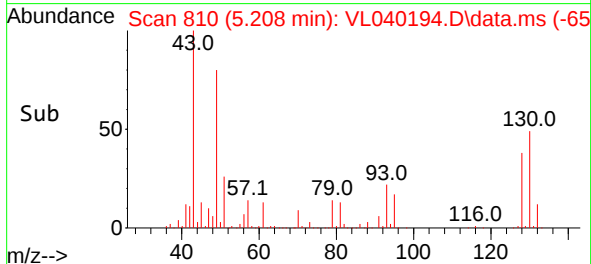
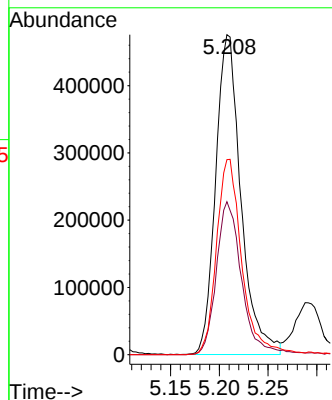
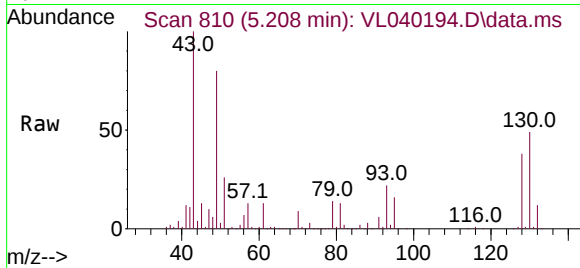
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0221ABS01

Tgt Ion: 49 Resp: 858040
Ion Ratio Lower Upper
49 100
128 48.6 24.1 72.3
130 62.1 30.9 92.8

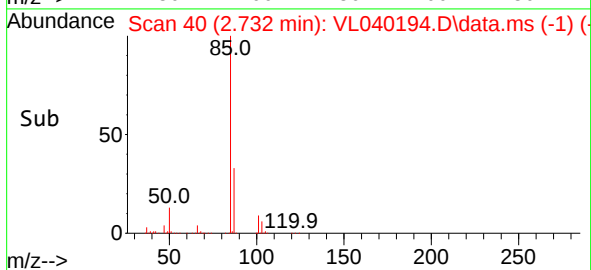
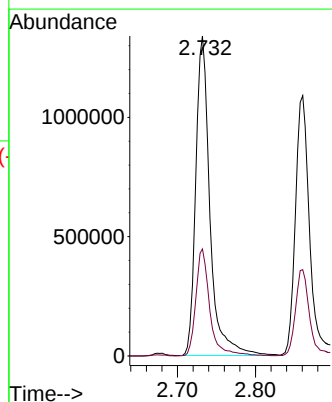
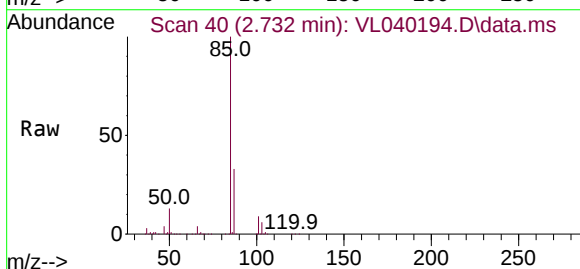
Manual Integrations
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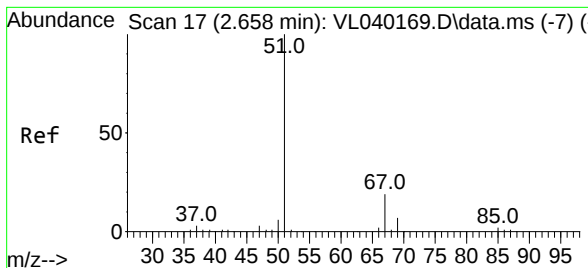
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#2
Dichlorodifluoromethane
Concen: 10.591 ppbv
RT: 2.732 min Scan# 40
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Tgt Ion: 85 Resp: 1693755
Ion Ratio Lower Upper
85 100
87 33.5 27.0 40.6





#3

Chlorodifluoromethane

Concen: 9.902 ppbv

RT: 2.677 min Scan# 21

Delta R.T. 0.003 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Instrument :

MSVOA_L

ClientSampleId :

VL0221ABS01

Tgt Ion: 51 Resp: 1015030

Ion Ratio Lower Upper

51 100

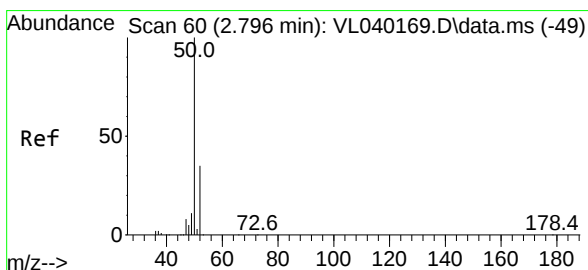
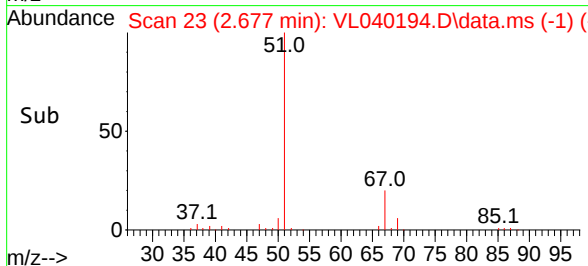
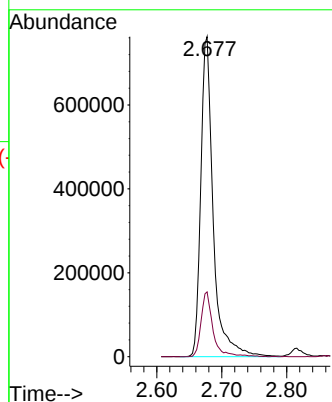
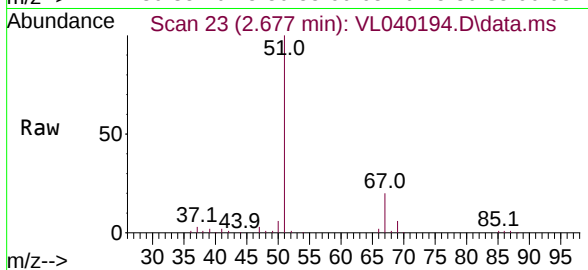
67 19.5 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#4

Chloromethane

Concen: 10.202 ppbv

RT: 2.816 min Scan# 66

Delta R.T. 0.003 min

Lab File: VL040194.D

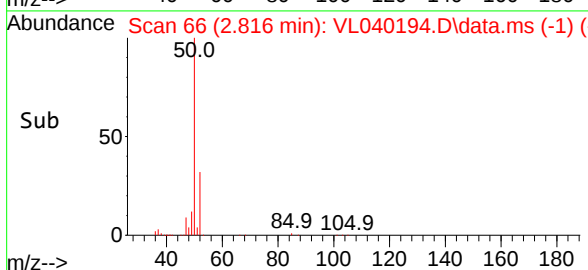
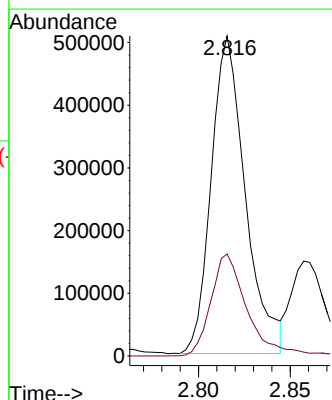
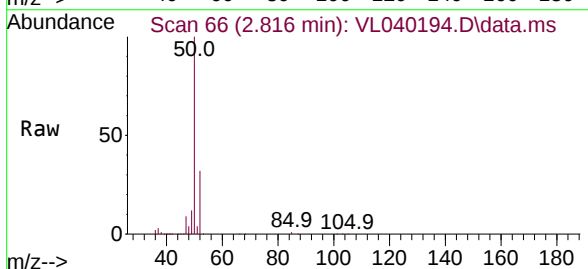
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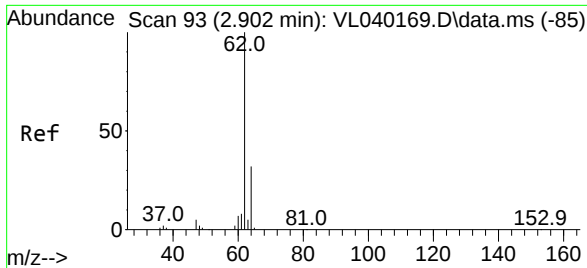
Tgt Ion: 50 Resp: 656883

Ion Ratio Lower Upper

50 100

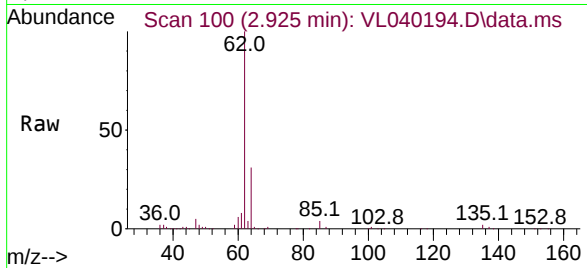
52 32.1 28.3 42.5





#5
 Vinyl Chloride
 Concen: 11.009 ppbv
 RT: 2.925 min Scan# 100
 Delta R.T. 0.003 min
 Lab File: VL040194.D
 Acq: 21 Feb 2023 14:15

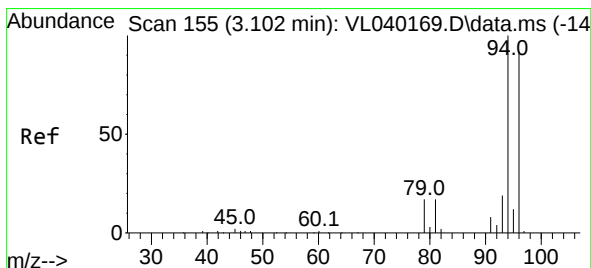
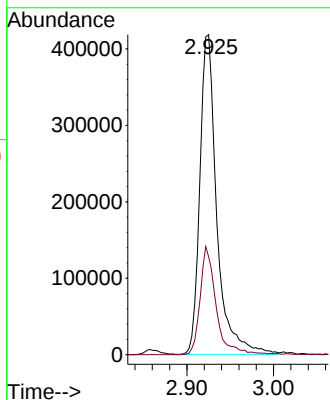
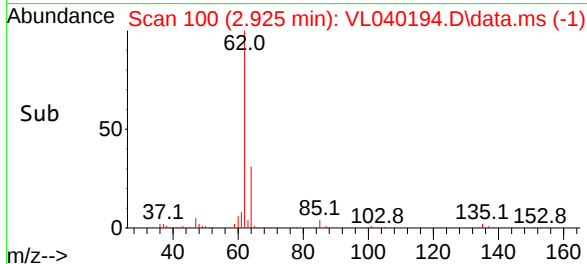
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0221ABS01



Tgt Ion: 62 Resp: 56958
 Ion Ratio Lower Upper
 62 100
 64 30.7 25.6 38.4

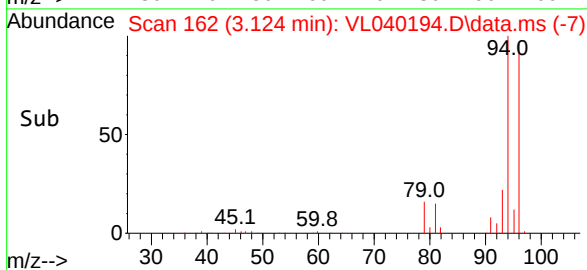
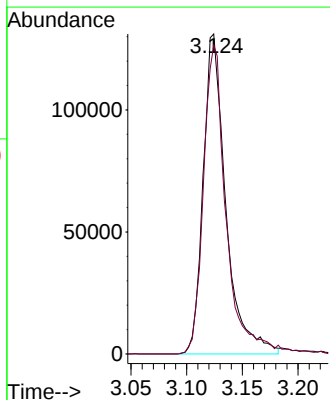
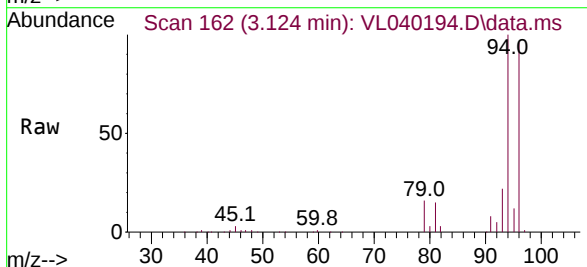
Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#6
 Bromomethane
 Concen: 9.951 ppbv
 RT: 3.124 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VL040194.D
 Acq: 21 Feb 2023 14:15

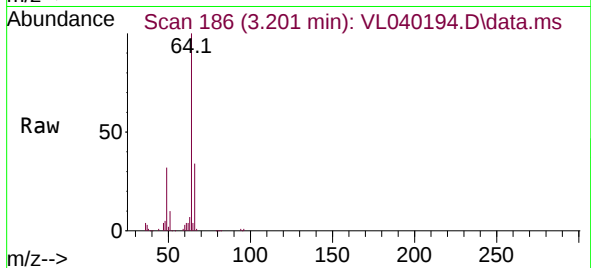
Tgt Ion: 94 Resp: 185820
 Ion Ratio Lower Upper
 94 100
 96 96.6 73.4 110.2





#7
Chloroethane
Concen: 9.942 ppbv
RT: 3.201 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

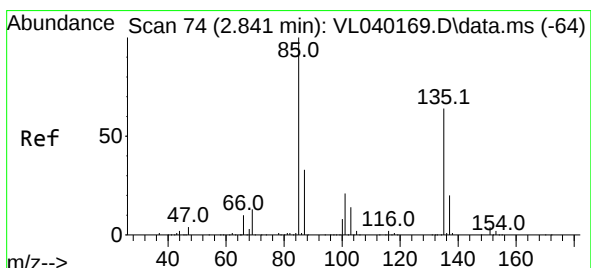
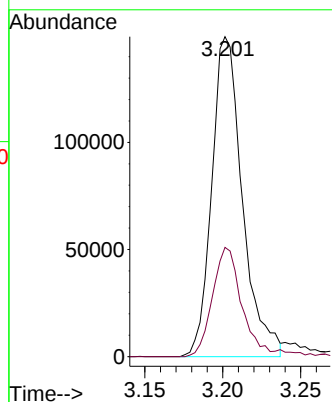
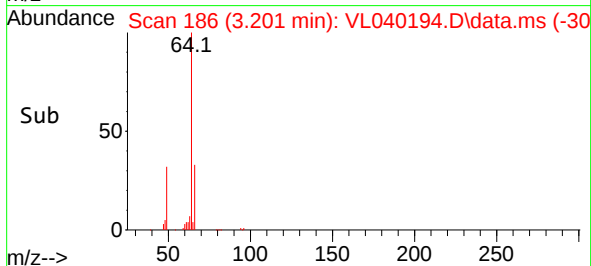
Instrument :
MSVOA_L
ClientSampleId :
VL0221ABS01



Tgt Ion: 64 Resp: 203994
Ion Ratio Lower Upper
64 100
66 34.1 25.4 38.2

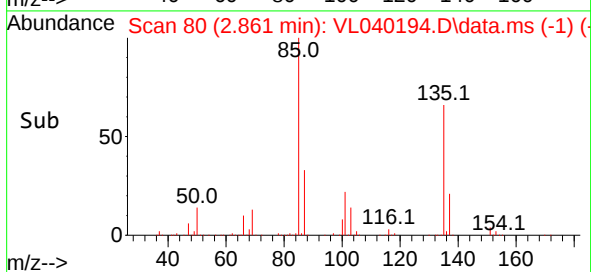
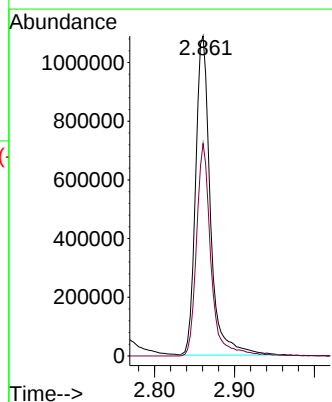
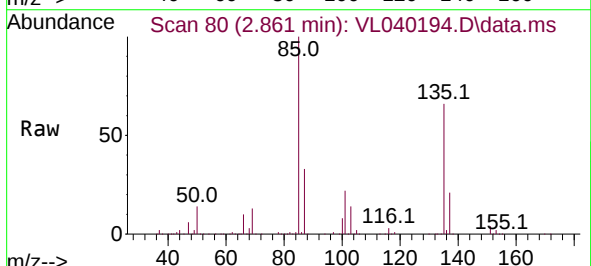
Manual Integrations
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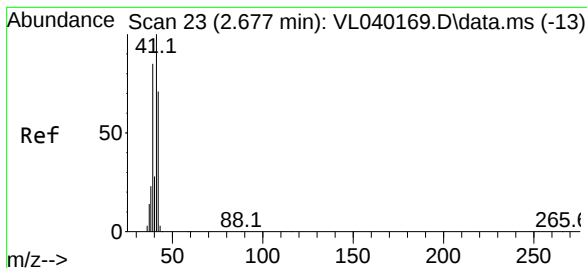
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#8
Dichlorotetrafluoroethane
Concen: 10.174 ppbv
RT: 2.861 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Tgt Ion: 85 Resp: 1401935
Ion Ratio Lower Upper
85 100
135 65.5 51.5 77.3





#9

Propene

Concen: 10.340 ppbv

RT: 2.693 min Scan# 21

Delta R.T. -0.000 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Instrument :

MSVOA_L

ClientSampleId :

VL0221ABS01

Tgt Ion: 41 Resp: 43201

Ion Ratio Lower Upper

41 100

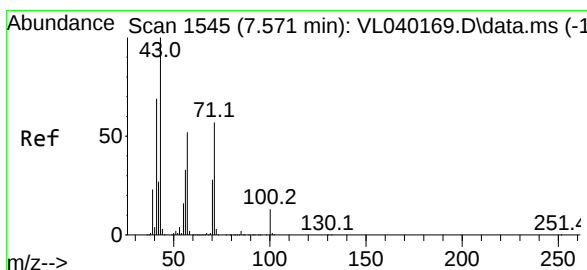
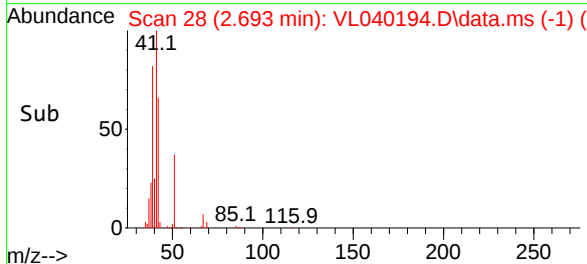
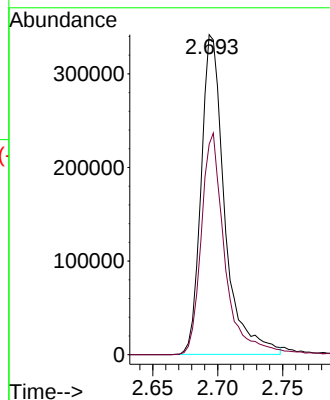
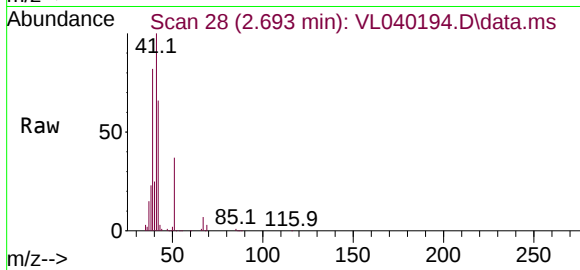
42 70.2 56.9 85.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#10

Heptane

Concen: 11.098 ppbv

RT: 7.600 min Scan# 1554

Delta R.T. -0.003 min

Lab File: VL040194.D

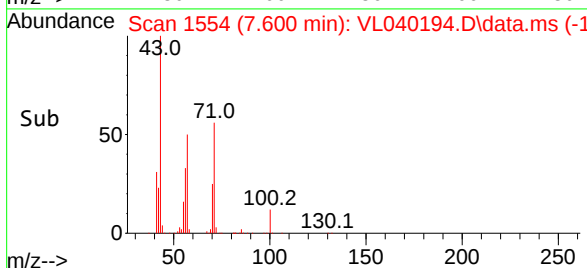
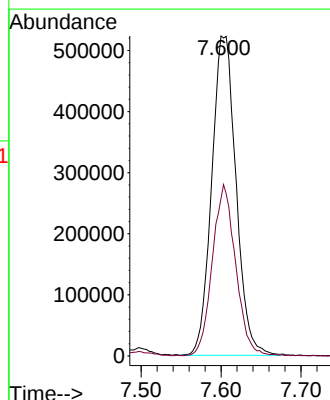
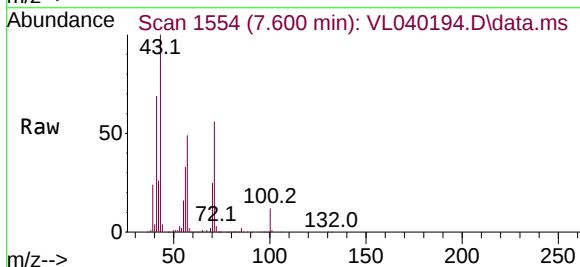
Acq: 21 Feb 2023 14:15

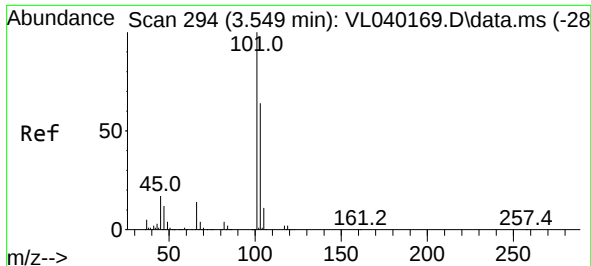
Tgt Ion: 43 Resp: 1103682

Ion Ratio Lower Upper

43 100

57 51.7 41.4 62.2





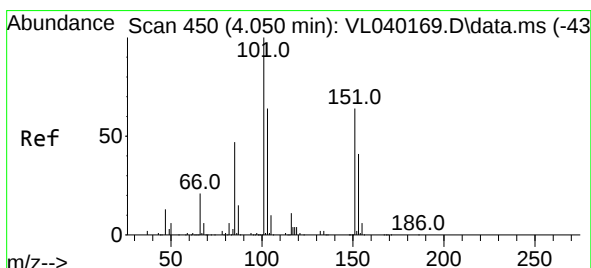
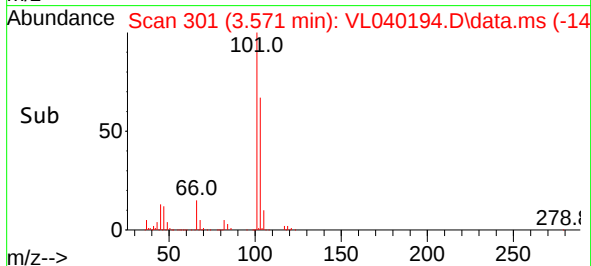
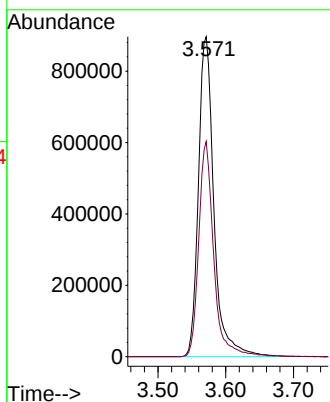
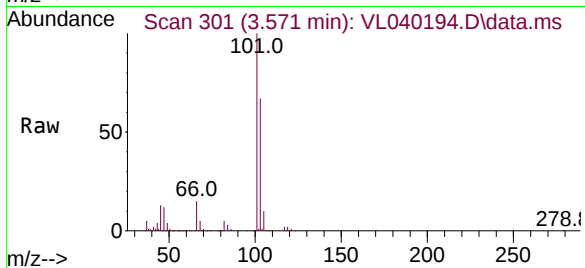
#11
Trichlorofluoromethane
Concen: 9.919 ppbv
RT: 3.571 min Scan# 301
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0221ABS01

Tgt Ion:101 Resp: 1423190
Ion Ratio Lower Upper
101 100
103 67.3 51.0 76.6

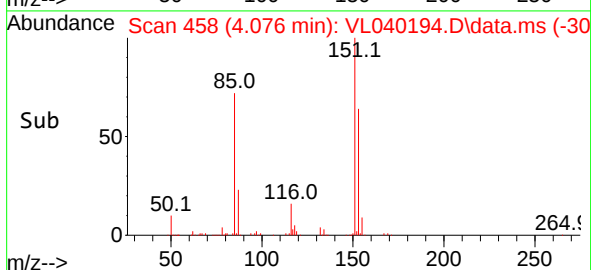
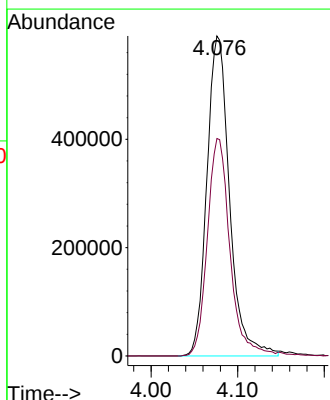
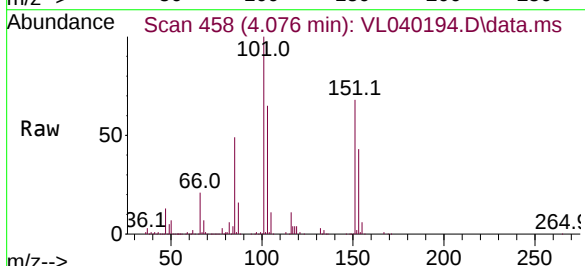
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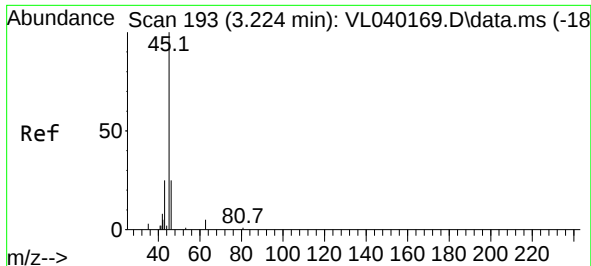
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.160 ppbv
RT: 4.076 min Scan# 458
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

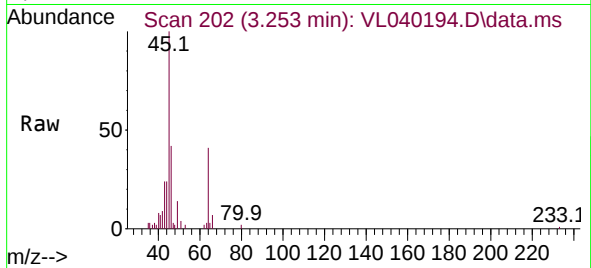
Tgt Ion:101 Resp: 1075438
Ion Ratio Lower Upper
101 100
151 68.3 54.7 82.1





#13
Ethanol
Concen: 6.431 ppbv m
RT: 3.253 min Scan# 20
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

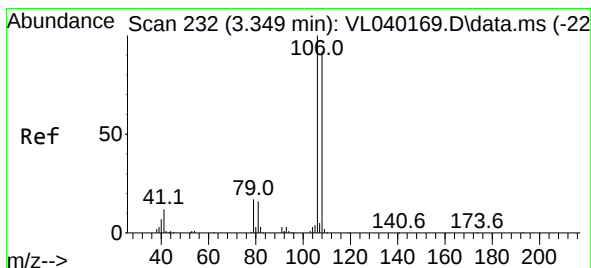
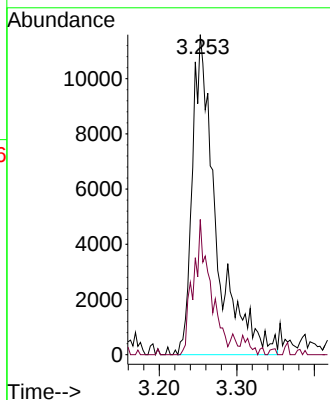
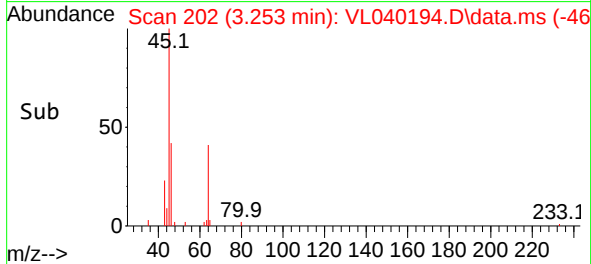
Instrument :
MSVOA_L
ClientSampleId :
VL0221ABS01



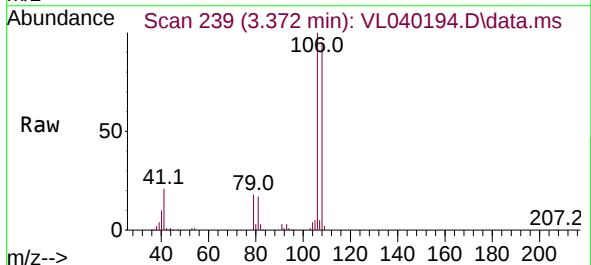
Tgt Ion: 45 Resp: 2473
Ion Ratio Lower Upper
45 100
46 34.9 13.3 53.1

Manual Integrations
APPROVED

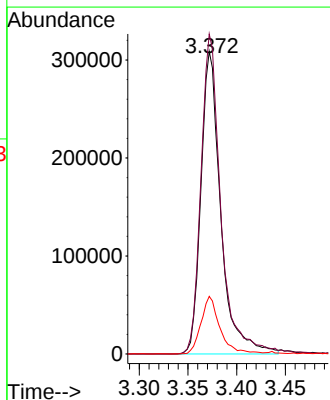
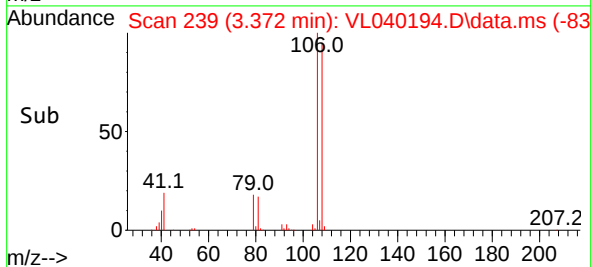
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#14
Bromoethene
Concen: 10.770 ppbv
RT: 3.372 min Scan# 239
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15



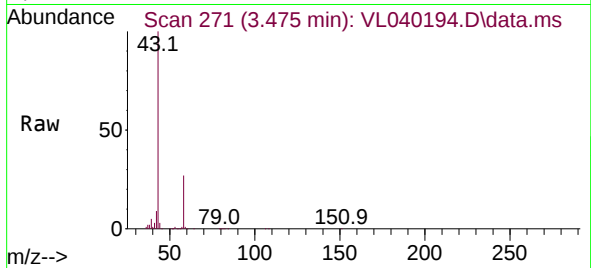
Tgt Ion:108 Resp: 437193
Ion Ratio Lower Upper
108 100
106 107.1 87.1 130.7
79 19.0 15.4 23.2





#15
Acetone
Concen: 9.155 ppbv
RT: 3.475 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

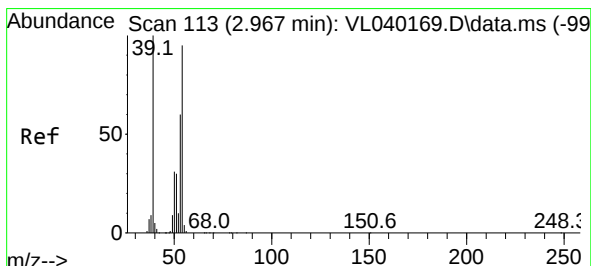
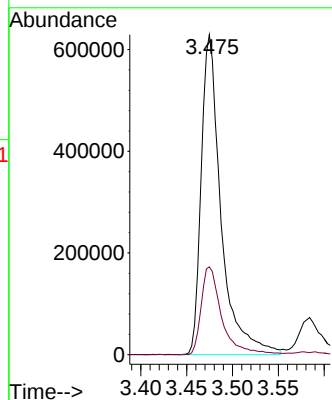
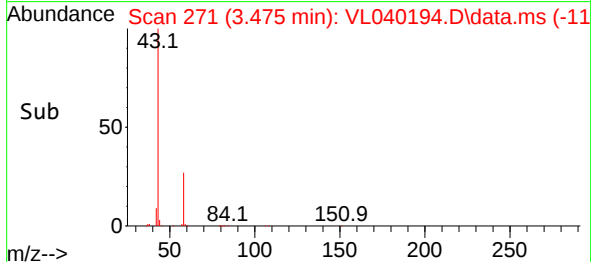
Instrument :
MSVOA_L
ClientSampleId :
VL0221ABS01



Tgt Ion: 43 Resp: 94578
Ion Ratio Lower Upper
43 100
58 28.5 22.4 33.6

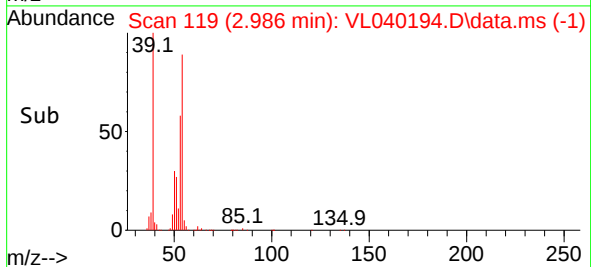
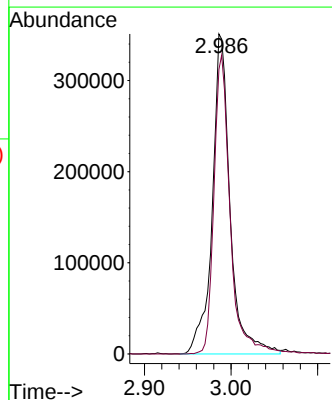
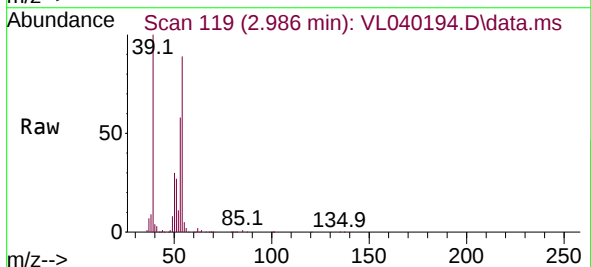
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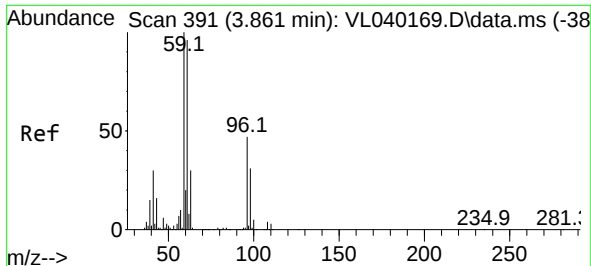
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#16
1,3-Butadiene
Concen: 10.661 ppbv
RT: 2.986 min Scan# 119
Delta R.T. -0.000 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Tgt Ion: 39 Resp: 502957
Ion Ratio Lower Upper
39 100
54 85.5 66.7 100.1





#17

tert-Butyl alcohol

Concen: 10.381 ppbv

RT: 3.886 min Scan# 391

Delta R.T. -0.000 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Instrument :

MSVOA_L

ClientSampleId :

VL0221ABS01

Tgt Ion: 59 Resp: 97806

Ion Ratio Lower Upper

59 100

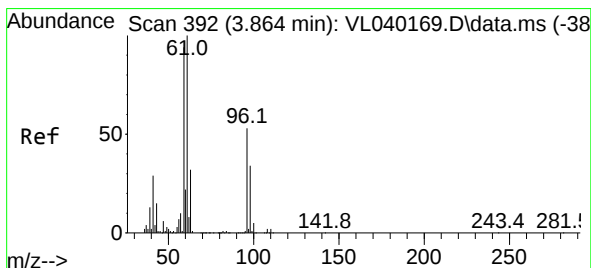
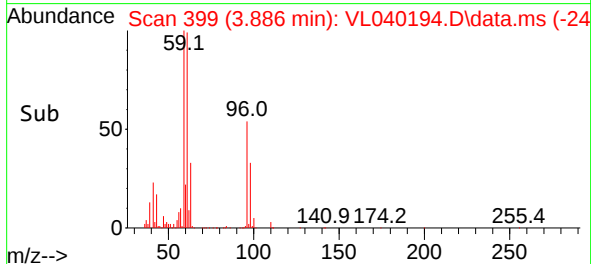
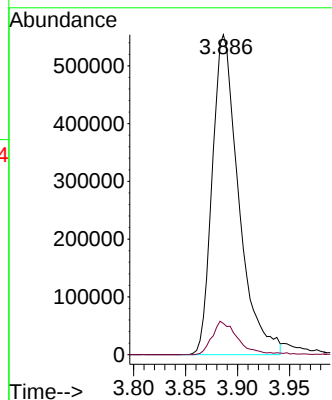
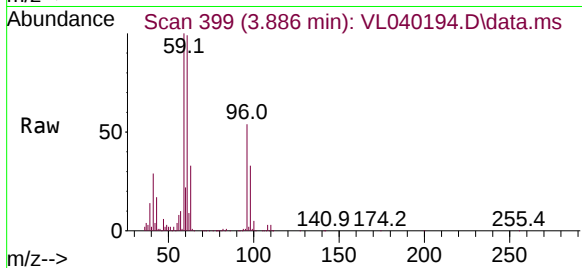
57 10.5 8.5 12.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#18

1,1-Dichloroethene

Concen: 10.268 ppbv

RT: 3.889 min Scan# 400

Delta R.T. 0.003 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

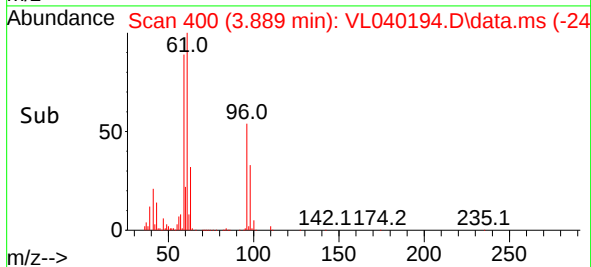
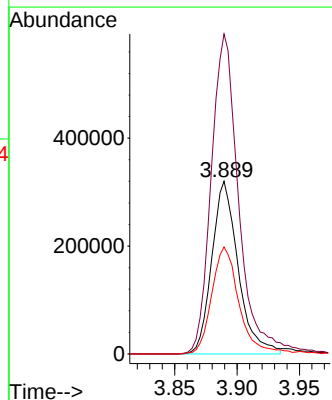
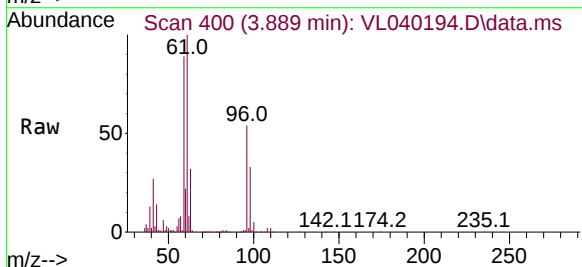
Tgt Ion: 96 Resp: 472245

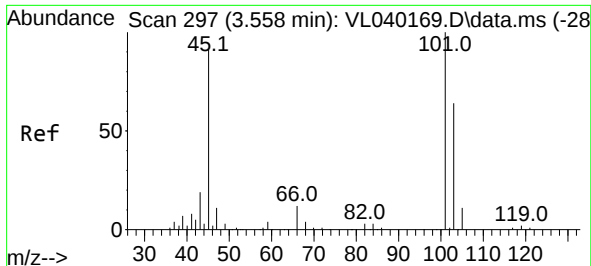
Ion Ratio Lower Upper

96 100

61 185.3 149.6 224.4

98 62.0 51.1 76.7





#19

Isopropyl Alcohol

Concen: 9.365 ppbv

RT: 3.581 min Scan# 304

Delta R.T. -0.000 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Instrument :

MSVOA_L

ClientSampleId :

VL0221ABS01

Tgt Ion: 45 Resp: 45986

Ion Ratio Lower Upper

45 100

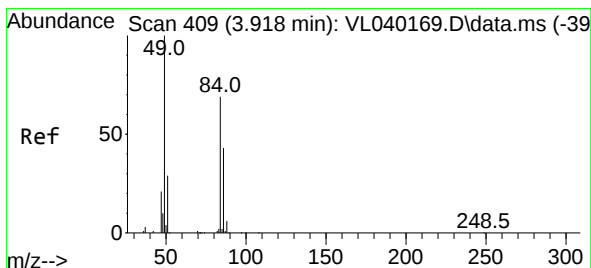
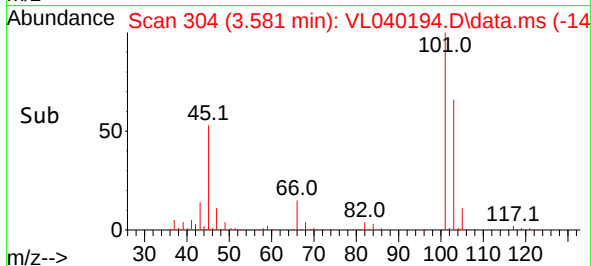
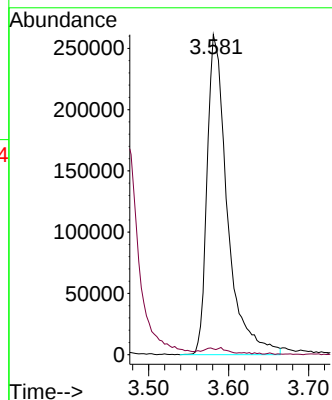
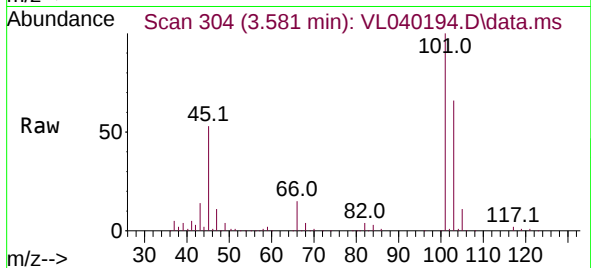
58 3.2 2.6 3.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#20

Methylene Chloride

Concen: 7.592 ppbv

RT: 3.944 min Scan# 417

Delta R.T. 0.006 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Tgt Ion: 84 Resp: 408257

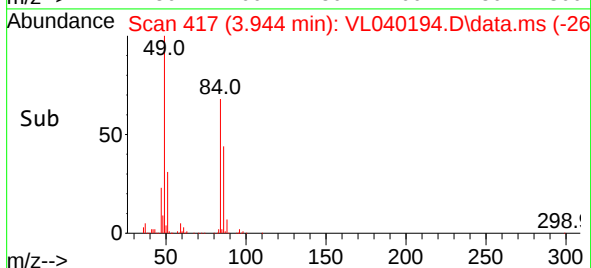
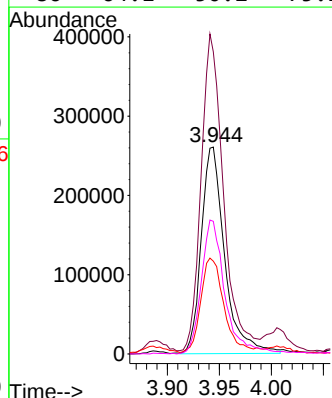
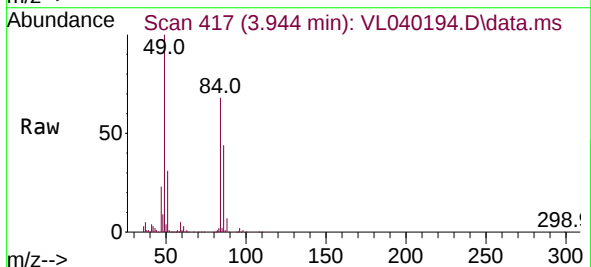
Ion Ratio Lower Upper

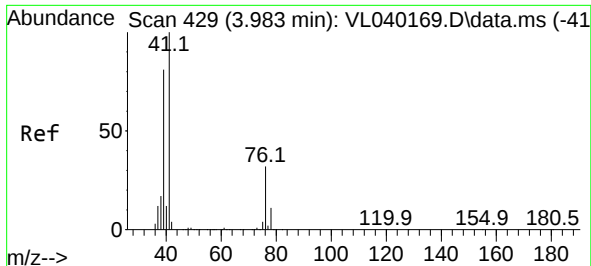
84 100

49 144.9 115.5 173.3

51 44.3 33.1 49.7

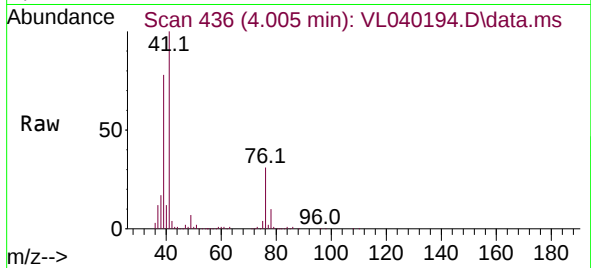
86 64.1 50.2 75.2





#21
 Allyl Chloride
 Concen: 11.168 ppbv
 RT: 4.005 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040194.D
 Acq: 21 Feb 2023 14:15

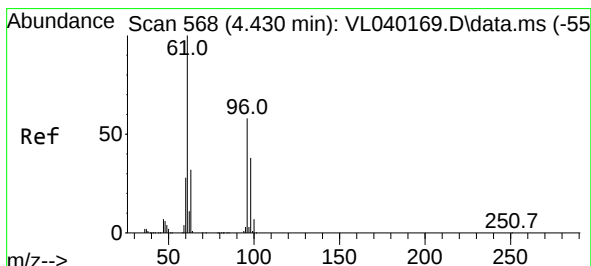
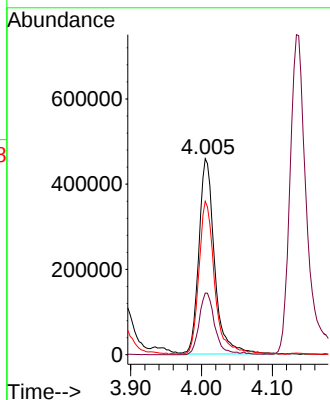
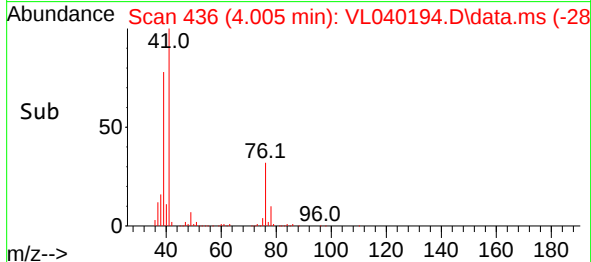
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0221ABS01



Tgt Ion: 41 Resp: 707634
 Ion Ratio Lower Upper
 41 100
 76 31.7 25.5 38.3
 39 78.5 64.5 96.7

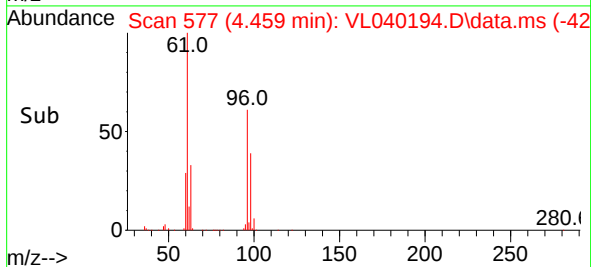
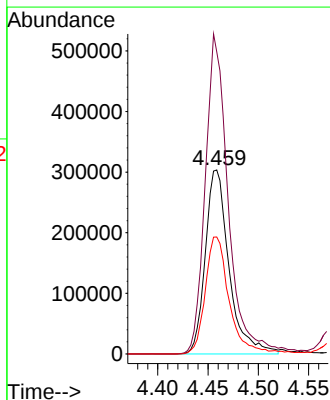
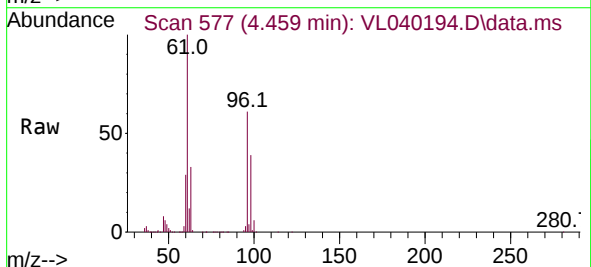
Manual Integrations
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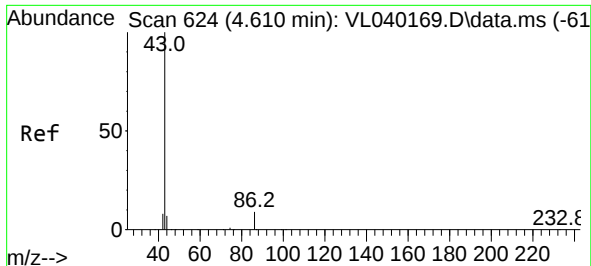
Reviewed By :Semsettin Yesilyurt 02/22/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#22
 trans-1,2-Dichloroethene
 Concen: 10.494 ppbv
 RT: 4.459 min Scan# 577
 Delta R.T. 0.003 min
 Lab File: VL040194.D
 Acq: 21 Feb 2023 14:15

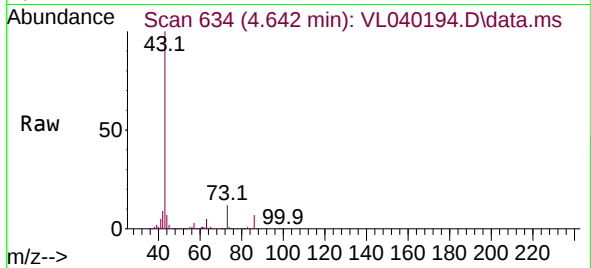
Tgt Ion: 96 Resp: 499809
 Ion Ratio Lower Upper
 96 100
 61 164.1 137.5 206.3
 98 63.6 52.8 79.2





#23
 Vinyl Acetate
 Concen: 10.550 ppbv
 RT: 4.642 min Scan# 614
 Delta R.T. 0.003 min
 Lab File: VL040194.D
 Acq: 21 Feb 2023 14:15

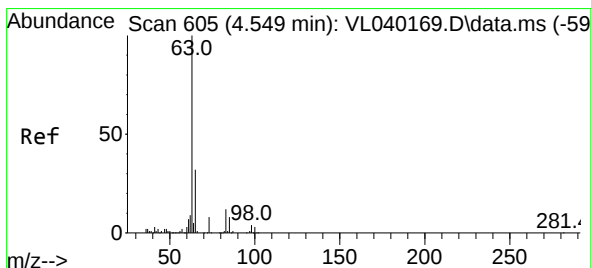
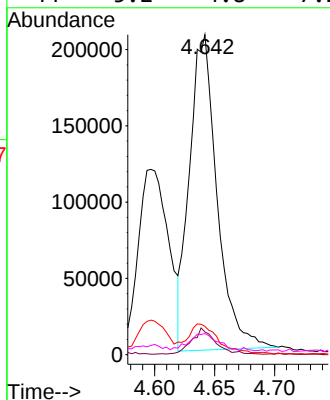
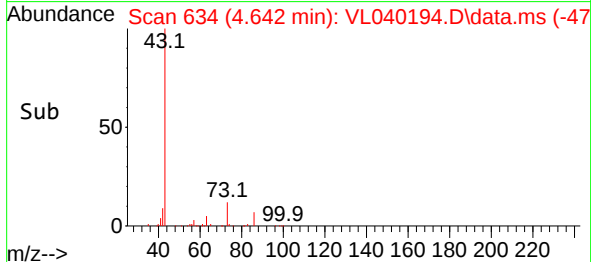
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0221ABS01



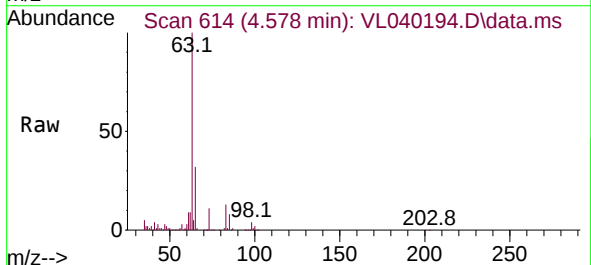
Tgt Ion: 43 Resp: 330750
 Ion Ratio Lower Upper
 43 100
 86 6.7 5.6 8.4
 42 8.8 7.6 11.4
 44 5.2 4.8 7.2

Manual Integrations
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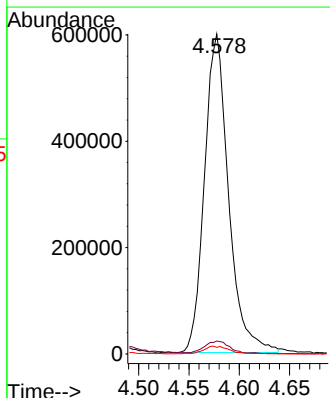
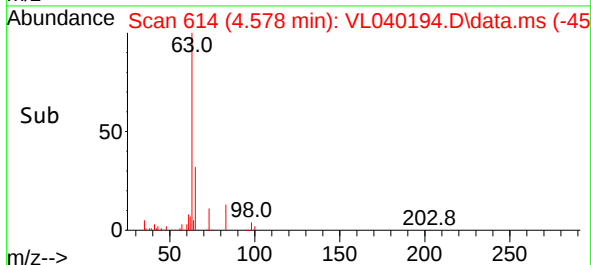
Reviewed By :Semsettin Yesilyurt 02/22/2023
 Supervised By :Mahesh Dadoda 02/23/2023

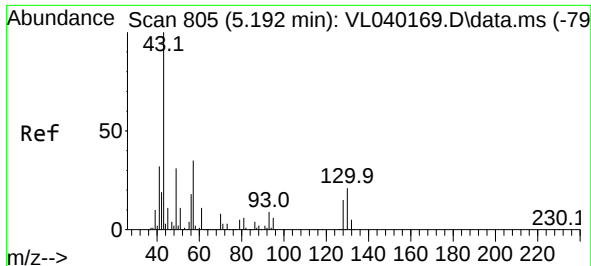


#24
 1,1-Dichloroethane
 Concen: 10.195 ppbv
 RT: 4.578 min Scan# 614
 Delta R.T. 0.003 min
 Lab File: VL040194.D
 Acq: 21 Feb 2023 14:15



Tgt Ion: 63 Resp: 999107
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.3 6.8
 100 2.0 1.4 4.0





#25

Ethyl Acetate

Concen: 10.533 ppbv

RT: 5.221 min Scan# 814

Delta R.T. 0.003 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Instrument :

MSVOA_L

ClientSampleId :

VL0221ABS01

Tgt Ion: 43 Resp: 202272

Ion Ratio Lower Upper

43 100

45 10.3 8.3 12.5

61 10.6 8.4 12.6

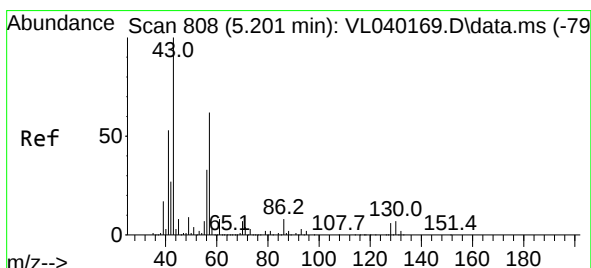
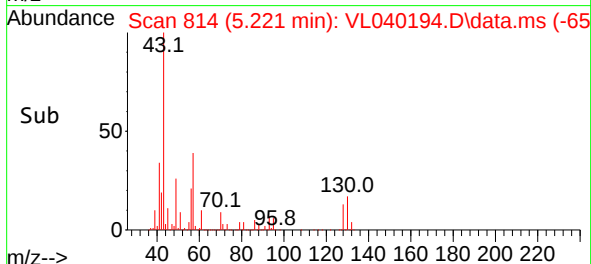
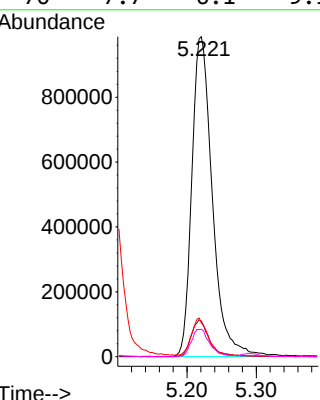
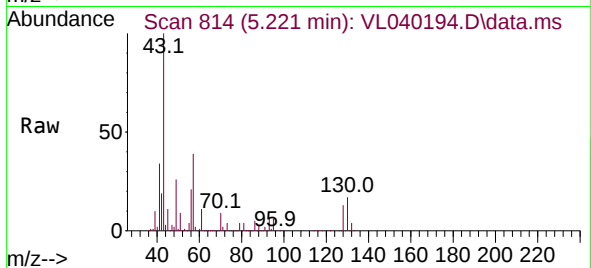
70 7.7 6.1 9.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#26

Hexane

Concen: 10.476 ppbv

RT: 5.227 min Scan# 816

Delta R.T. 0.003 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Tgt Ion: 57 Resp: 863678

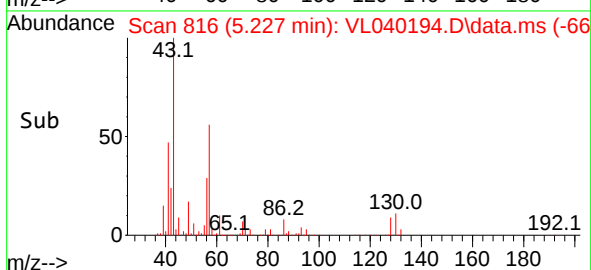
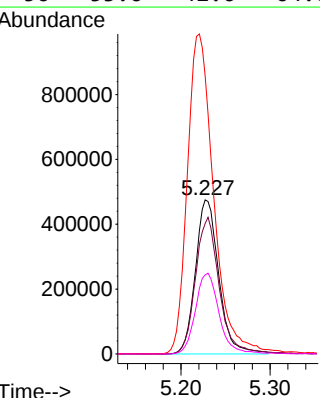
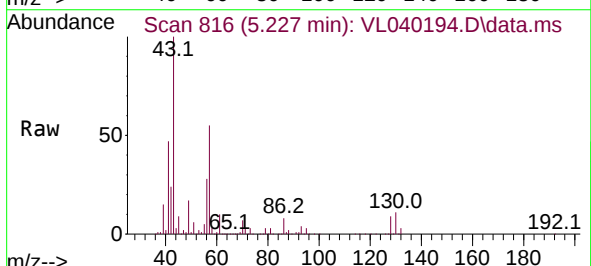
Ion Ratio Lower Upper

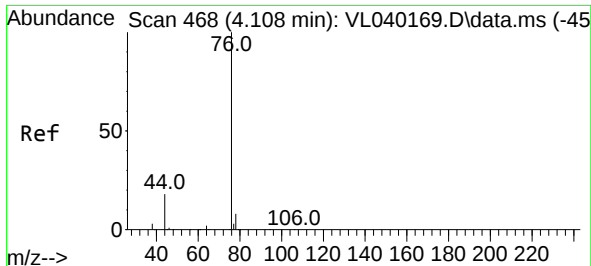
57 100

41 91.4 74.3 111.5

43 236.1 193.0 289.4

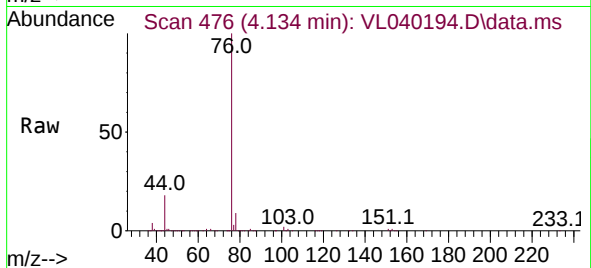
56 53.6 42.6 64.0





#27
Carbon Disulfide
Concen: 11.726 ppbv
RT: 4.134 min Scan# 41
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

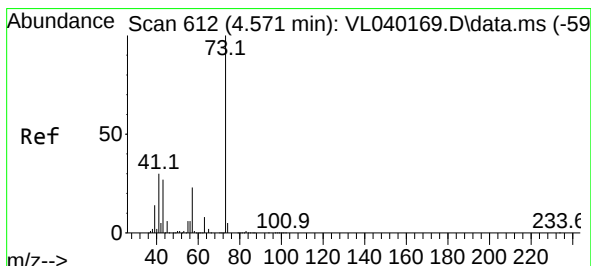
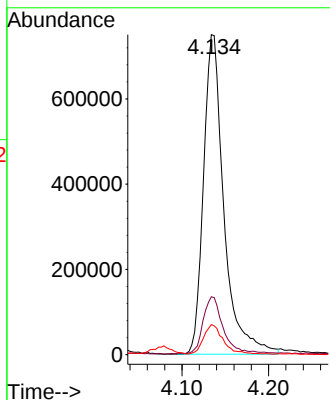
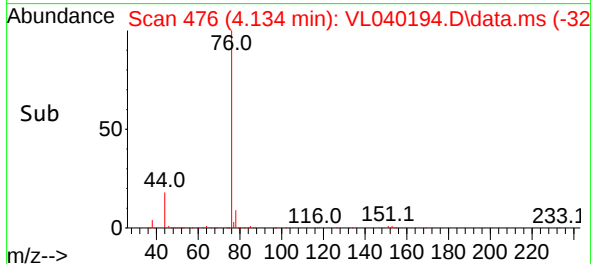
Instrument :
MSVOA_L
ClientSampleId :
VL0221ABS01



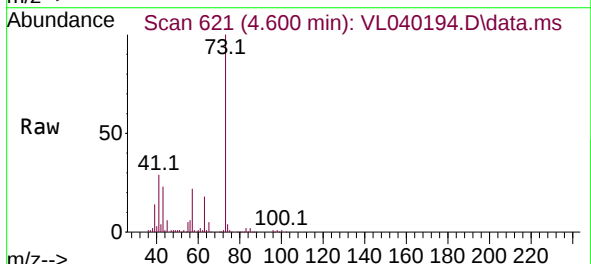
Tgt Ion: 76 Resp: 1226618
Ion Ratio Lower Upper
76 100
44 18.5 15.3 22.9
78 9.5 7.7 11.5

Manual Integrations
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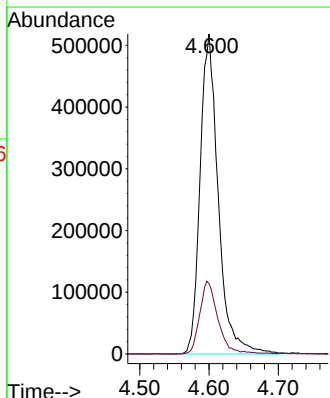
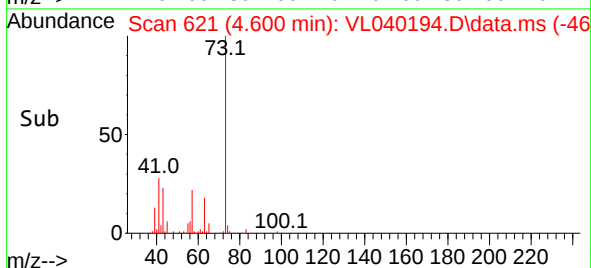
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023

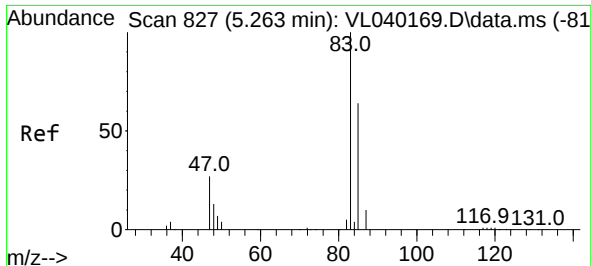


#28
Methyl tert-Butyl Ether
Concen: 10.684 ppbv
RT: 4.600 min Scan# 621
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15



Tgt Ion: 73 Resp: 943738
Ion Ratio Lower Upper
73 100
57 23.0 18.8 28.2





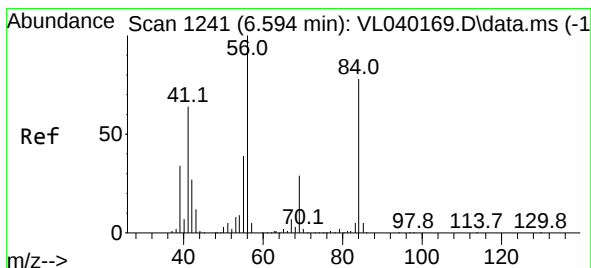
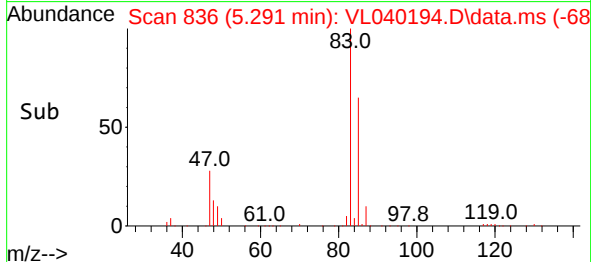
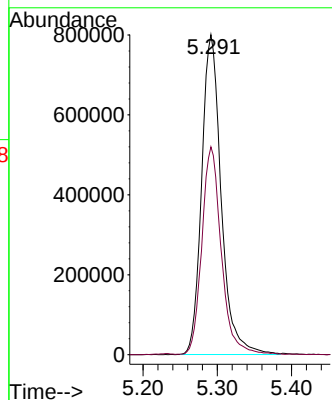
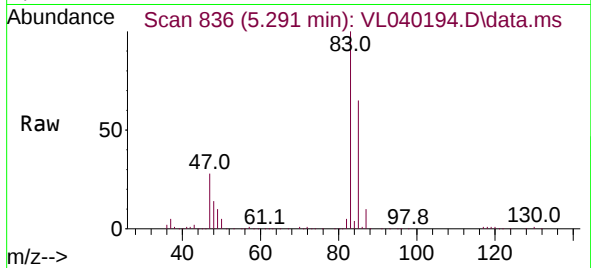
#29
Chloroform
Concen: 10.338 ppbv
RT: 5.291 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0221ABS01

Tgt Ion: 83 Resp: 1463394
Ion Ratio Lower Upper
83 100
85 64.9 51.5 77.3

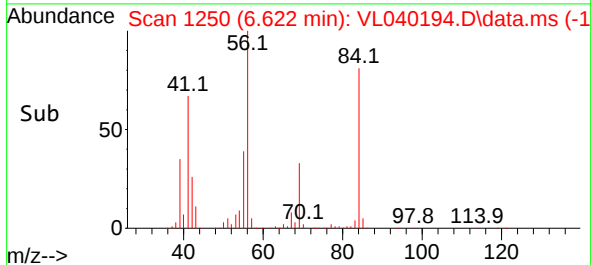
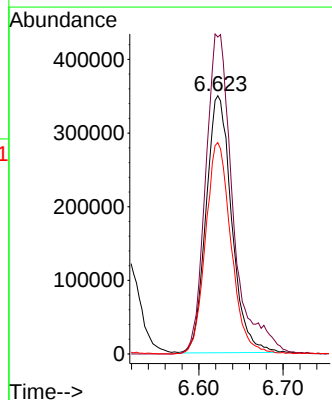
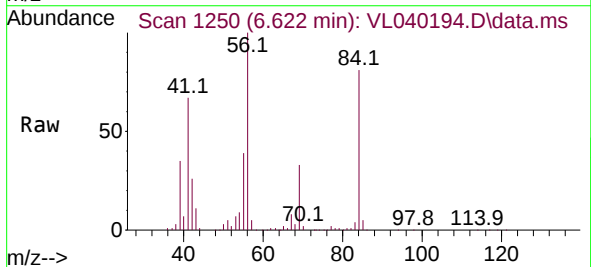
Manual Integrations
APPROVED

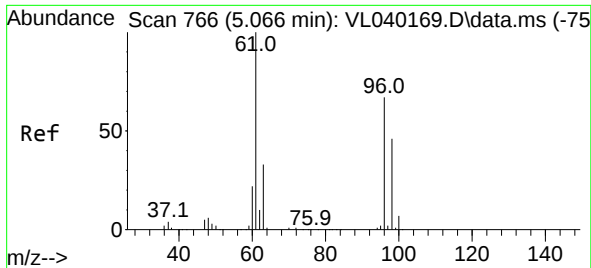
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#30
Cyclohexane
Concen: 11.394 ppbv
RT: 6.622 min Scan# 1250
Delta R.T. -0.000 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

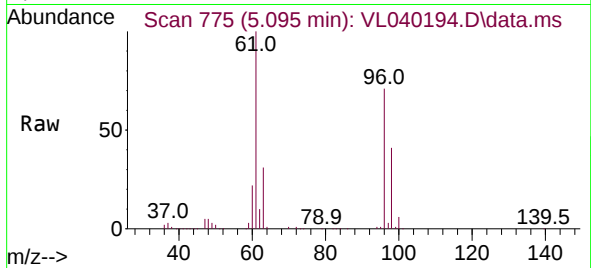
Tgt Ion: 84 Resp: 737593
Ion Ratio Lower Upper
84 100
56 133.9 109.9 164.9
41 82.3 67.8 101.6





#31
 cis-1,2-Dichloroethene
 Concen: 11.146 ppbv
 RT: 5.095 min Scan# 71
 Delta R.T. 0.003 min
 Lab File: VL040194.D
 Acq: 21 Feb 2023 14:15

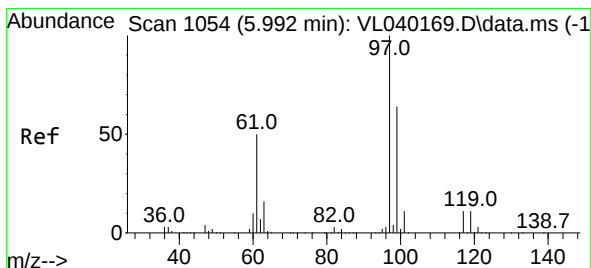
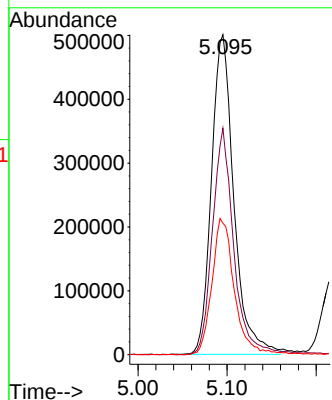
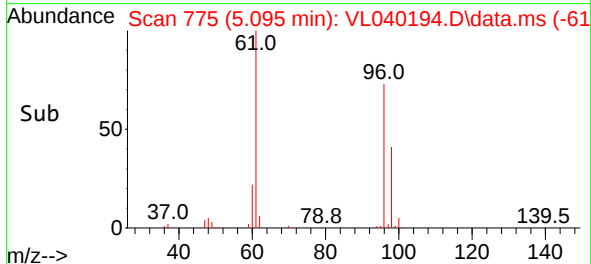
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0221ABS01



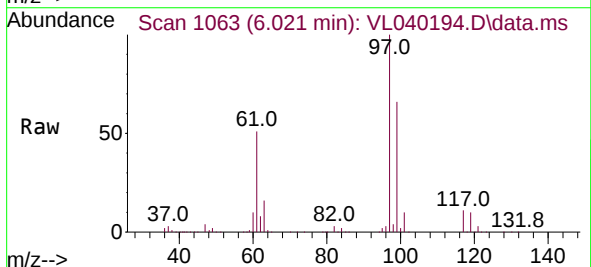
Tgt Ion: 61 Resp: 873075
 Ion Ratio Lower Upper
 61 100
 96 70.8 53.7 80.5
 98 41.2 36.4 54.6

Manual Integrations
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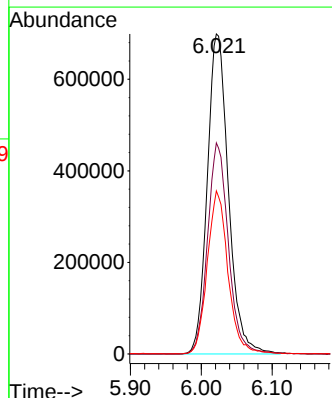
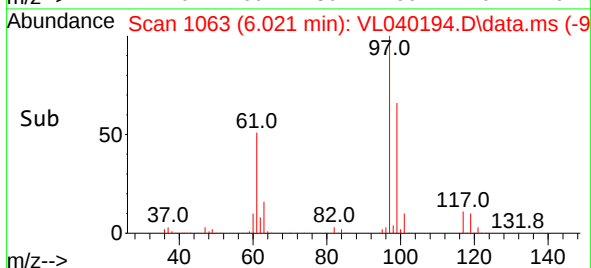
Reviewed By :Semsettin Yesilyurt 02/22/2023
 Supervised By :Mahesh Dadoda 02/23/2023

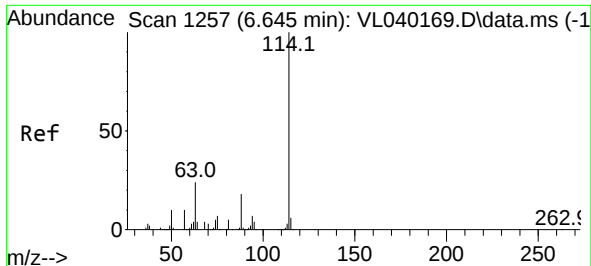


#32
 1,1,1-Trichloroethane
 Concen: 10.922 ppbv
 RT: 6.021 min Scan# 1063
 Delta R.T. -0.000 min
 Lab File: VL040194.D
 Acq: 21 Feb 2023 14:15



Tgt Ion: 97 Resp: 1452560
 Ion Ratio Lower Upper
 97 100
 99 64.9 51.5 77.3
 61 49.9 40.6 60.8





#33

1,4-Difluorobenzene

Concen: 10.000 ppbv

RT: 6.677 min Scan# 11

Delta R.T. 0.003 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Instrument :

MSVOA_L

ClientSampleId :

VL0221ABS01

Tgt Ion:114 Resp: 2239680

Ion Ratio Lower Upper

114 100

63 25.0 20.4 30.6

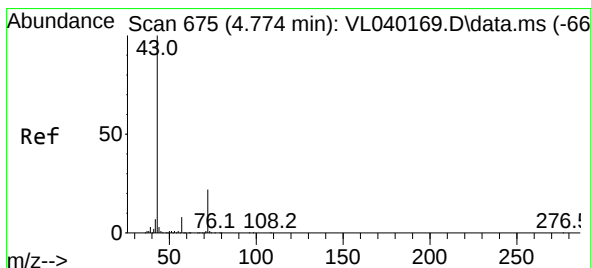
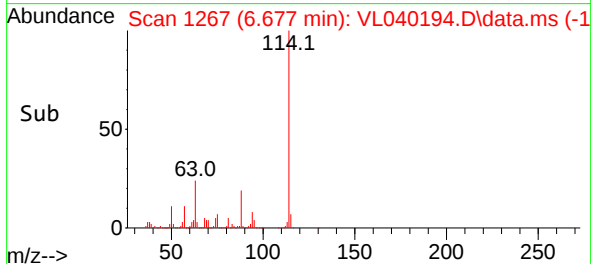
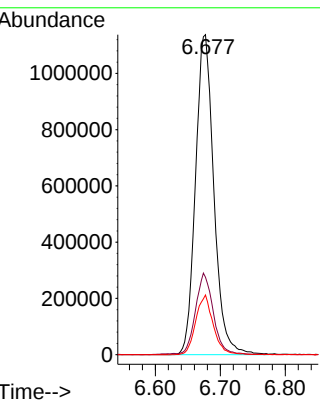
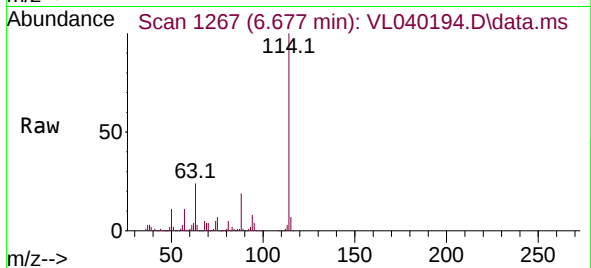
88 17.7 14.3 21.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#34

2-Butanone

Concen: 10.031 ppbv

RT: 4.803 min Scan# 684

Delta R.T. 0.006 min

Lab File: VL040194.D

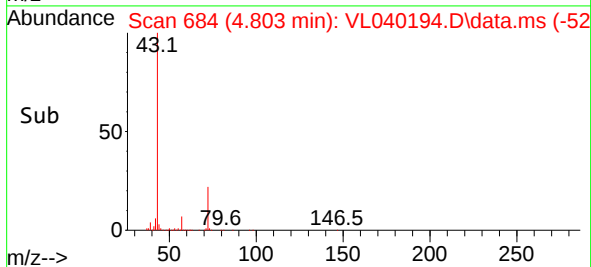
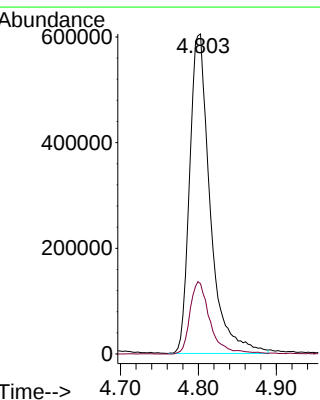
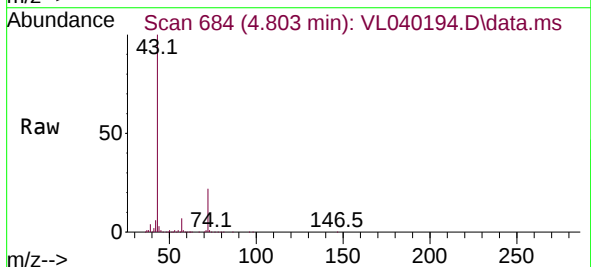
Acq: 21 Feb 2023 14:15

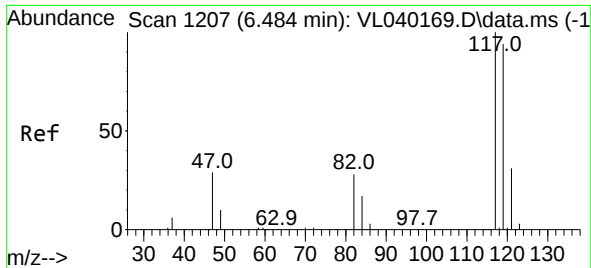
Tgt Ion: 43 Resp: 1108261

Ion Ratio Lower Upper

43 100

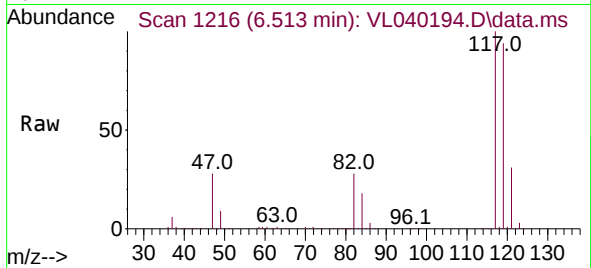
72 22.5 17.8 26.8





#35
Carbon Tetrachloride
Concen: 11.400 ppbv
RT: 6.513 min Scan# 1178
Delta R.T. -0.000 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

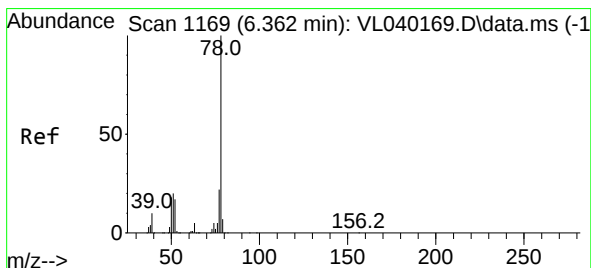
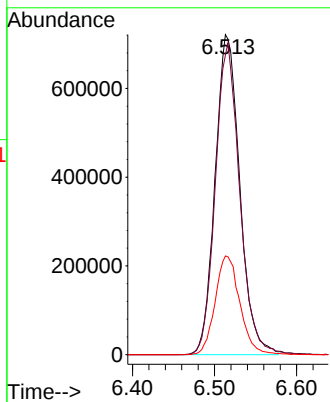
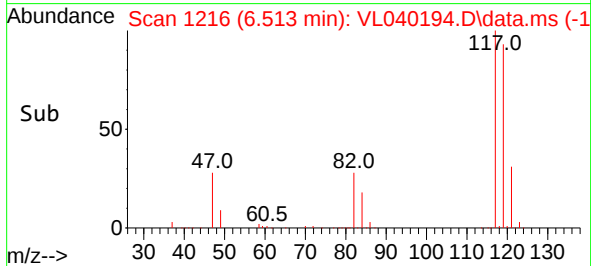
Instrument : MSVOA_L
ClientSampleId : VL0221ABS01



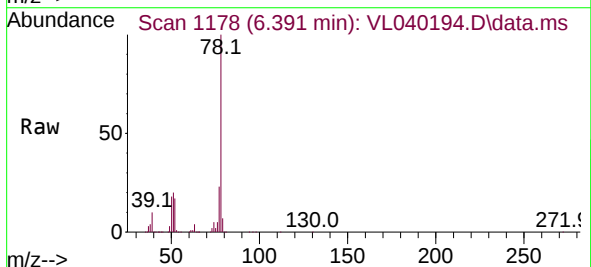
Tgt Ion: 117 Resp: 1509354
Ion Ratio Lower Upper
117 100
119 93.6 75.0 112.6
121 30.9 25.0 37.4

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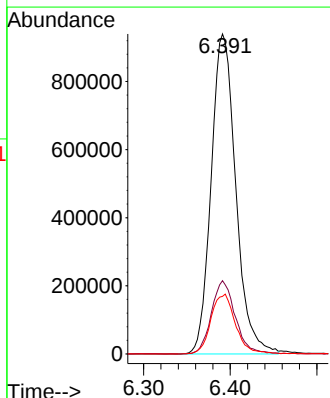
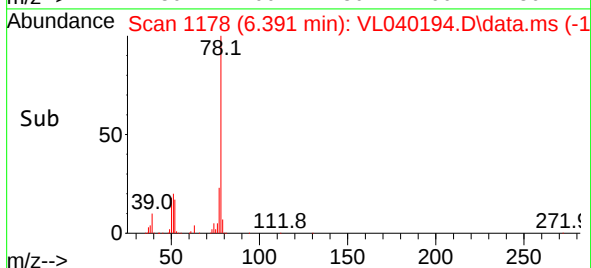
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023

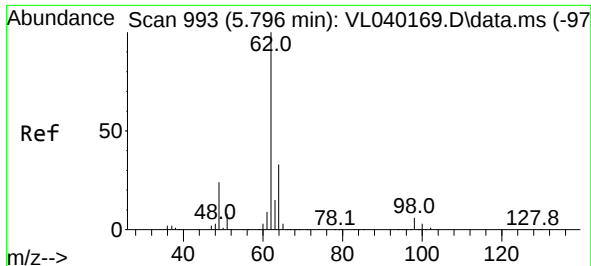


#36
Benzene
Concen: 10.652 ppbv
RT: 6.391 min Scan# 1178
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15



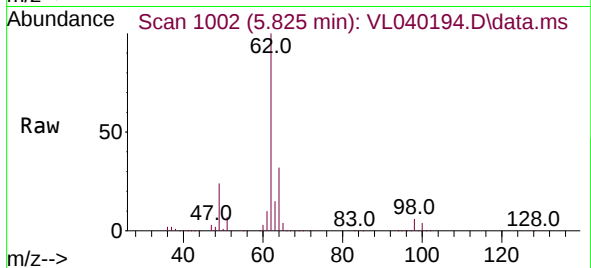
Tgt Ion: 78 Resp: 1856594
Ion Ratio Lower Upper
78 100
77 22.9 17.5 26.3
50 18.0 14.6 22.0





#37
1,2-Dichloroethane
Concen: 10.255 ppbv
RT: 5.825 min Scan# 1002
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

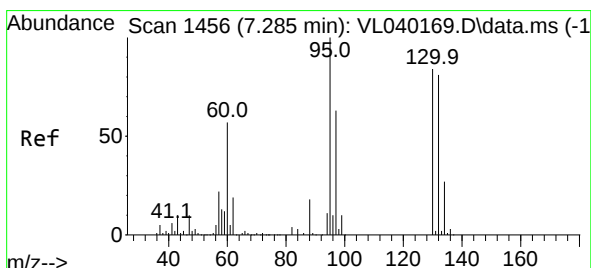
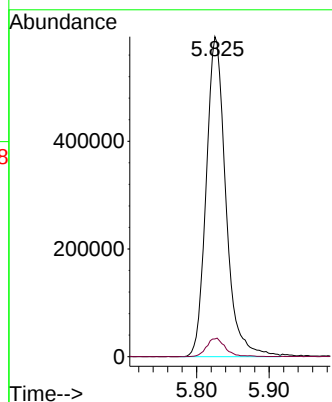
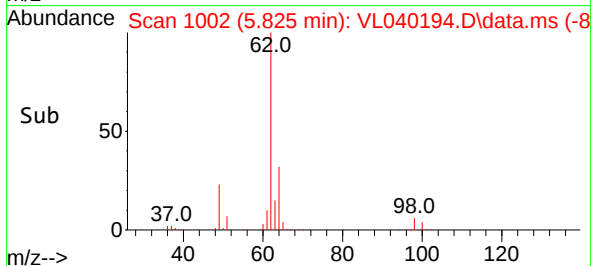
Instrument :
MSVOA_L
ClientSampleId :
VL0221ABS01



Tgt Ion: 62 Resp: 1117940
Ion Ratio Lower Upper
62 100
98 5.7 4.7 7.1

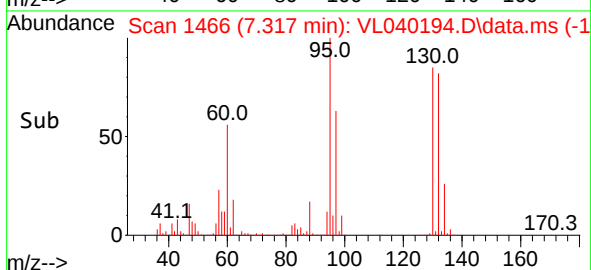
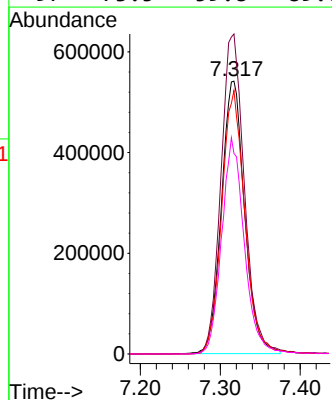
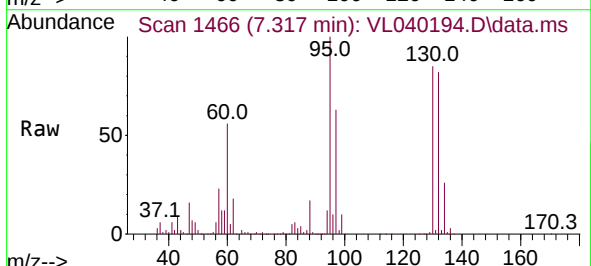
Manual Integrations
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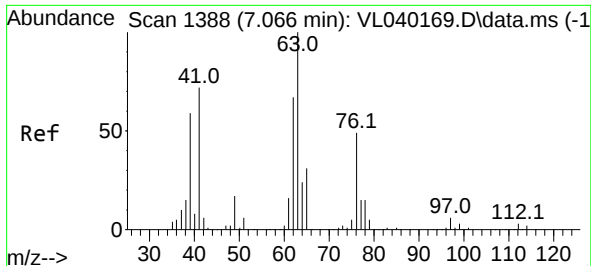
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#38
Trichloroethene
Concen: 11.365 ppbv
RT: 7.317 min Scan# 1466
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Tgt Ion:130 Resp: 1091541
Ion Ratio Lower Upper
130 100
95 117.4 94.7 142.1
132 96.7 76.4 114.6
97 73.5 59.8 89.6





#39

1,2-Dichloropropane

Concen: 10.380 ppbv

RT: 7.095 min Scan# 1

Delta R.T. -0.000 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Instrument :

MSVOA_L

ClientSampleId :

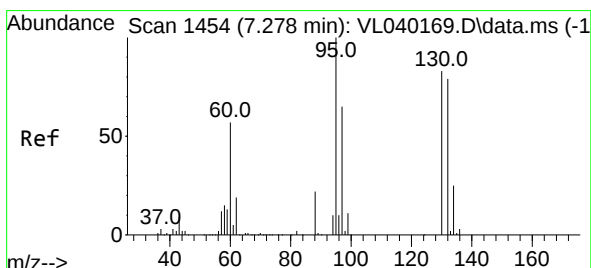
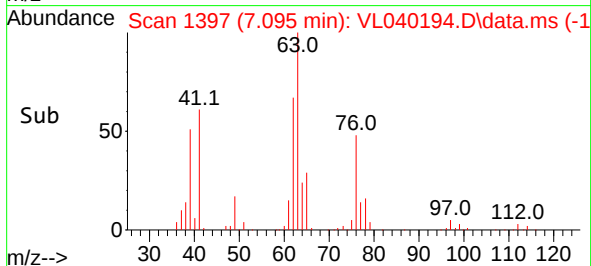
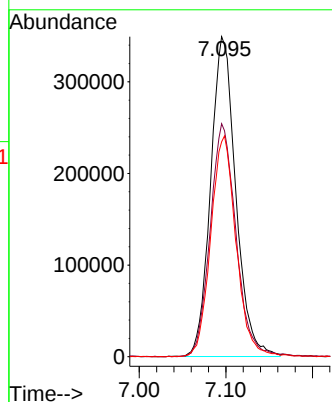
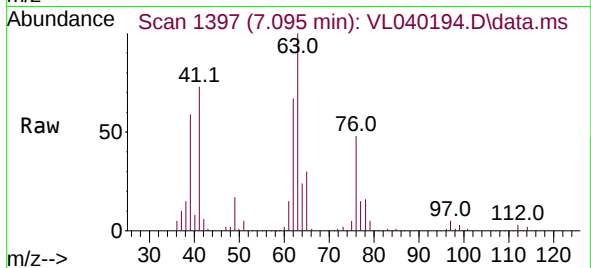
VL0221ABS01

Tgt Ion: 63 Resp: 703830
 Ion Ratio Lower Upper
 63 100
 41 72.7 57.6 86.4
 62 67.0 54.0 81.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/22/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#40

1,4-Dioxane

Concen: 9.430 ppbv

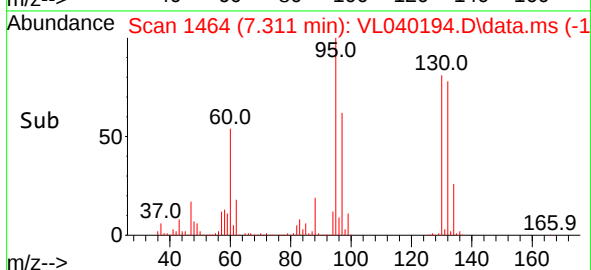
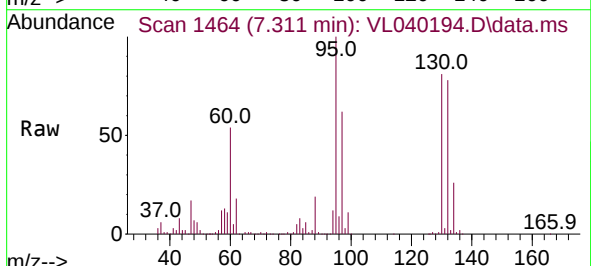
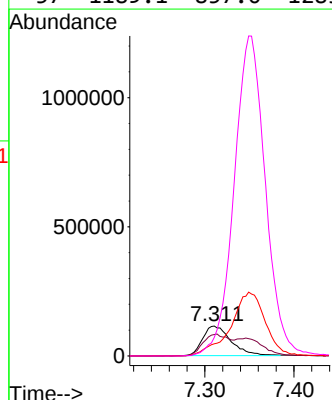
RT: 7.311 min Scan# 1464

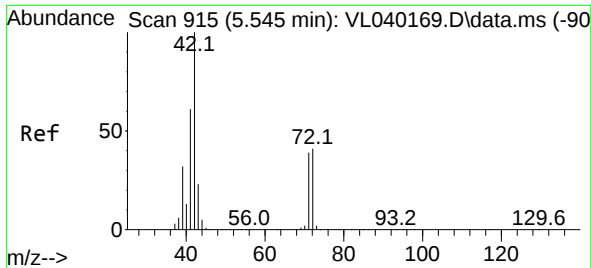
Delta R.T. 0.003 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

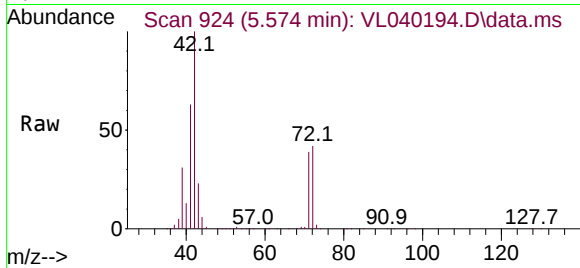
Tgt Ion: 88 Resp: 255760
 Ion Ratio Lower Upper
 88 100
 58 126.5 97.4 146.0
 43 263.5 193.5 290.3
 57 1189.1 857.0 1285.6





#41
Tetrahydrofuran
Concen: 10.917 ppbv
RT: 5.574 min Scan# 915
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

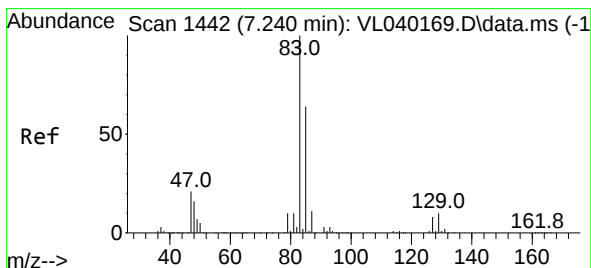
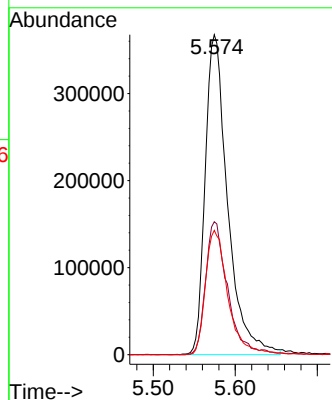
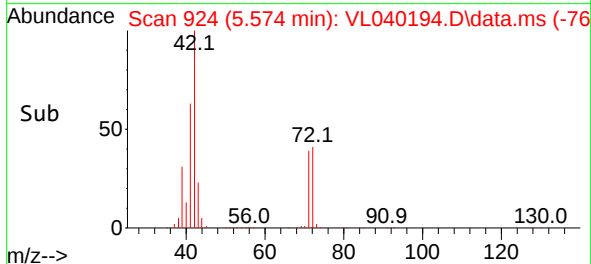
Instrument :
MSVOA_L
ClientSampleId :
VL0221ABS01



Tgt Ion: 42 Resp: 698958
Ion Ratio Lower Upper
42 100
72 41.2 33.0 49.4
71 39.2 31.4 47.2

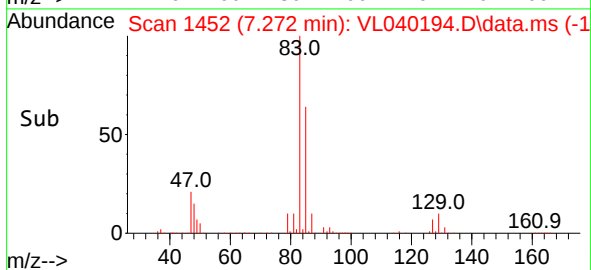
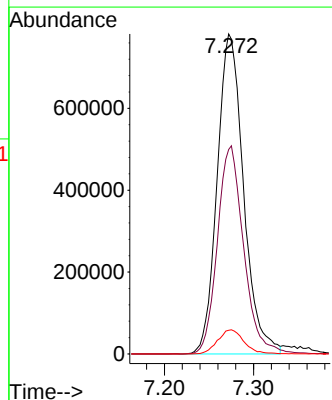
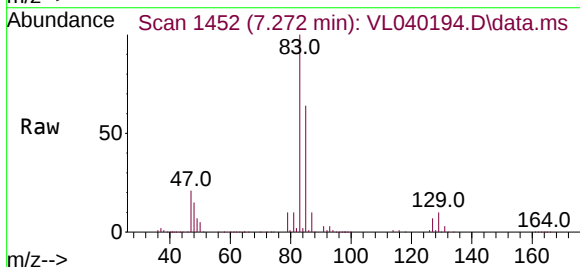
Manual Integrations
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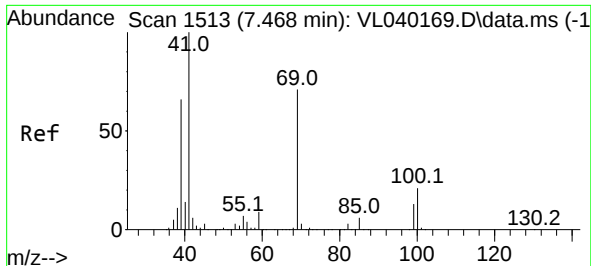
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#42
Bromodichloromethane
Concen: 10.700 ppbv
RT: 7.272 min Scan# 1452
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

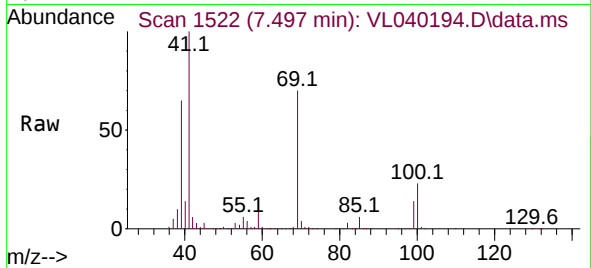
Tgt Ion: 83 Resp: 1609882
Ion Ratio Lower Upper
83 100
85 63.9 50.9 76.3
127 7.4 6.2 9.2





#43
Methyl Methacrylate
Concen: 11.449 ppbv
RT: 7.497 min Scan# 1513
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

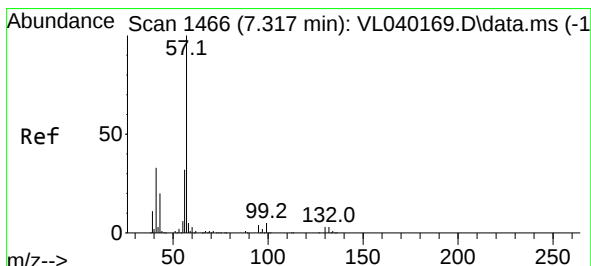
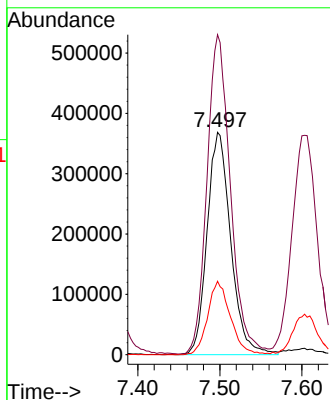
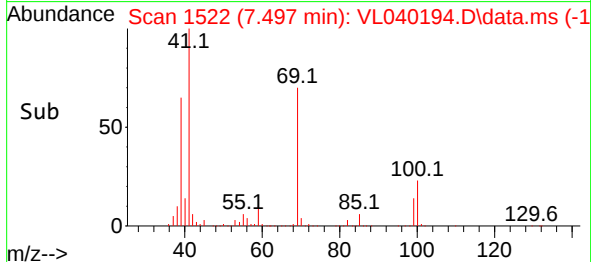
Instrument :
MSVOA_L
ClientSampleId :
VL0221ABS01



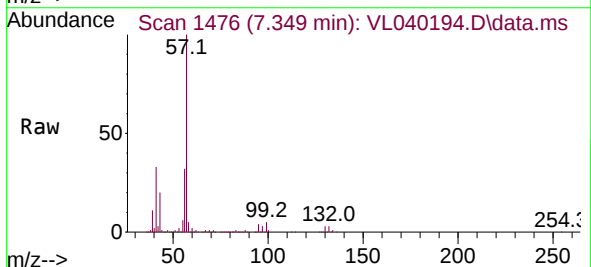
Tgt Ion: 69 Resp: 738375
Ion Ratio Lower Upper
69 100
41 142.5 116.6 174.8
100 31.9 25.6 38.4

Manual Integrations
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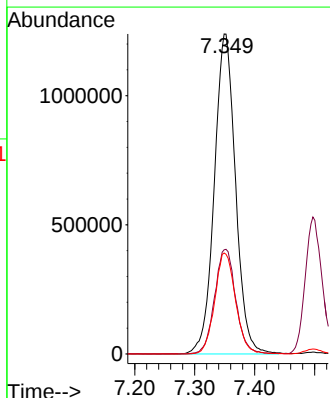
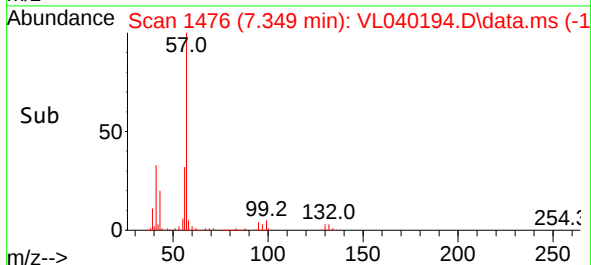
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023

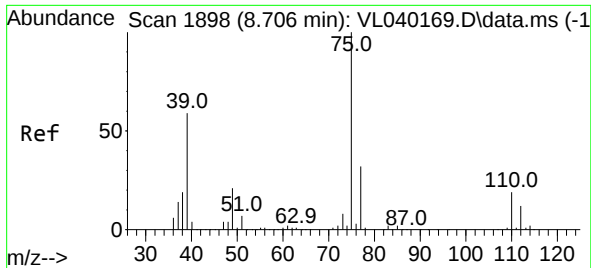


#44
2,2,4-Trimethylpentane
Concen: 10.442 ppbv
RT: 7.349 min Scan# 1476
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15



Tgt Ion: 57 Resp: 3038120
Ion Ratio Lower Upper
57 100
41 32.6 26.2 39.4
56 31.0 24.9 37.3





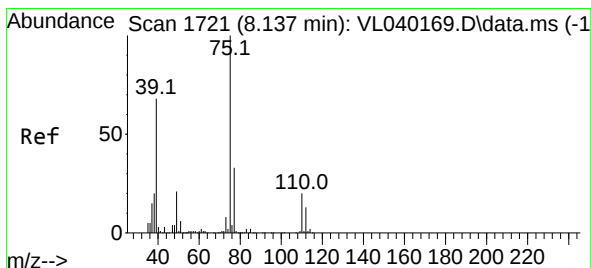
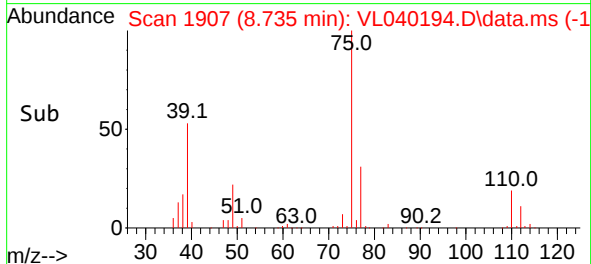
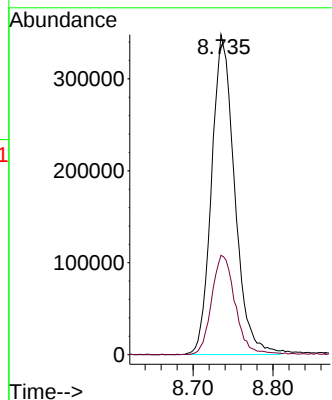
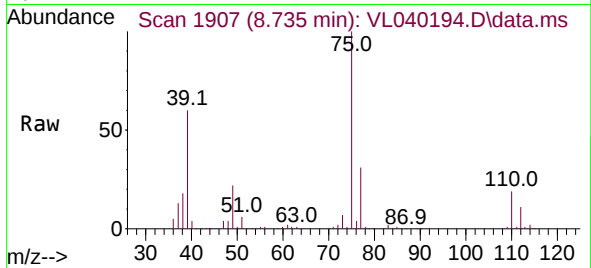
#45
t-1,3-Dichloropropene
Concen: 12.169 ppbv
RT: 8.735 min Scan# 1730
Delta R.T. -0.000 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0221ABS01

Tgt Ion: 75 Resp: 69618
Ion Ratio Lower Upper
75 100
77 31.0 25.7 38.5

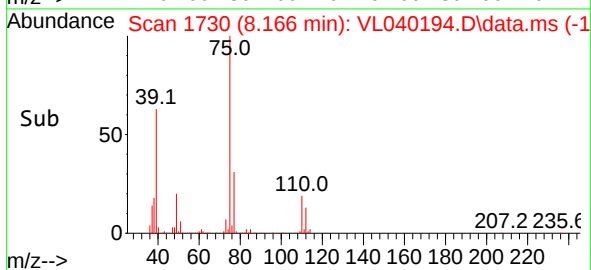
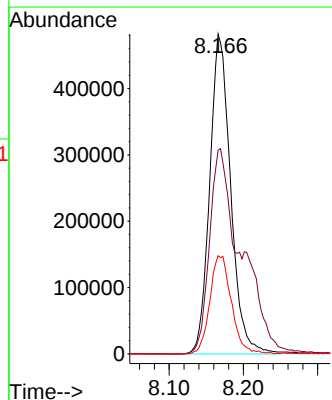
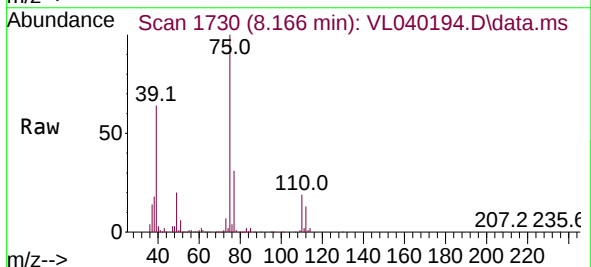
Manual Integrations
APPROVED

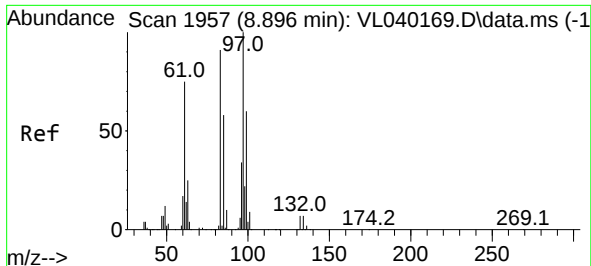
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#46
cis-1,3-Dichloropropene
Concen: 11.814 ppbv
RT: 8.166 min Scan# 1730
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Tgt Ion: 75 Resp: 941613
Ion Ratio Lower Upper
75 100
39 63.6 54.2 81.2
77 30.7 26.0 39.0





#47

1,1,2-Trichloroethane

Concen: 10.498 ppbv

RT: 8.928 min Scan# 1957

Delta R.T. 0.003 min

Lab File: VL040194.D

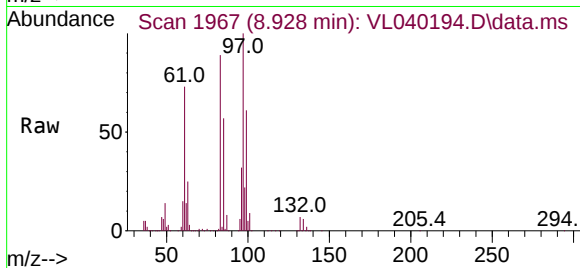
Acq: 21 Feb 2023 14:15

Instrument :

MSVOA_L

ClientSampleId :

VL0221ABS01



Tgt Ion: 97 Resp: 769918

Ion Ratio Lower Upper

97 100

83 89.4 72.8 109.2

85 57.0 46.6 69.8

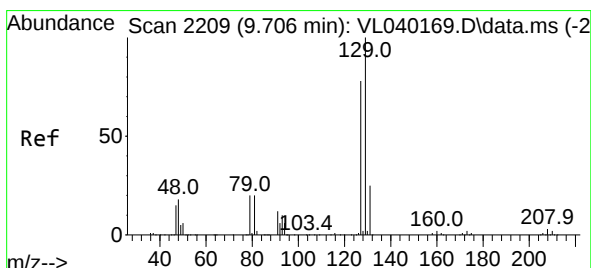
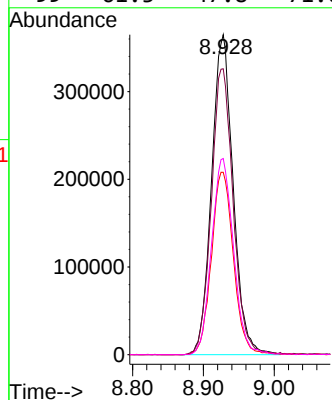
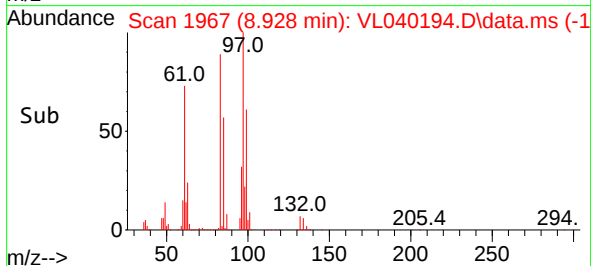
99 61.3 47.8 71.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#48

Dibromochloromethane

Concen: 11.249 ppbv

RT: 9.738 min Scan# 2219

Delta R.T. 0.003 min

Lab File: VL040194.D

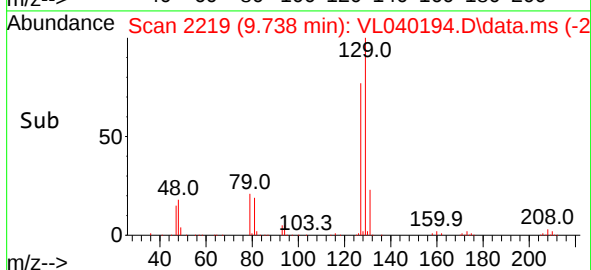
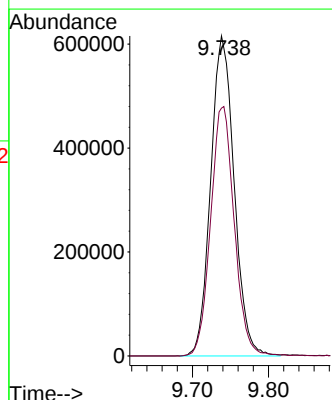
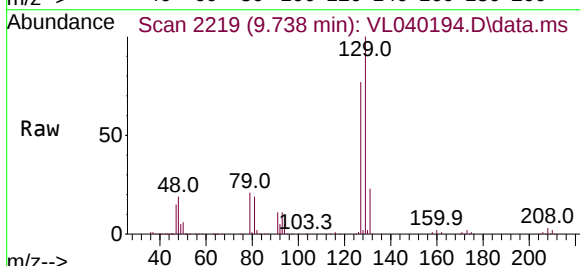
Acq: 21 Feb 2023 14:15

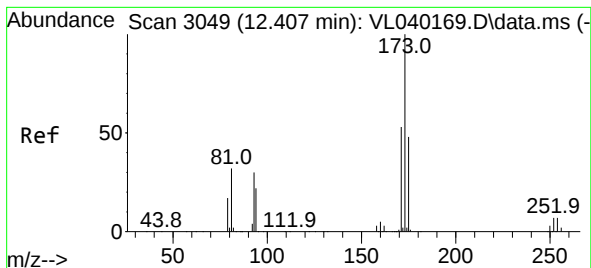
Tgt Ion:129 Resp: 1319447

Ion Ratio Lower Upper

129 100

127 78.6 39.1 117.2





#49

Bromoform

Concen: 11.432 ppbv

RT: 12.439 min Scan# 3049

Delta R.T. 0.003 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Instrument :

MSVOA_L

ClientSampleId :

VL0221ABS01

Tgt Ion:173 Resp: 1046620

Ion Ratio Lower Upper

173 100

175 49.2 39.4 59.0

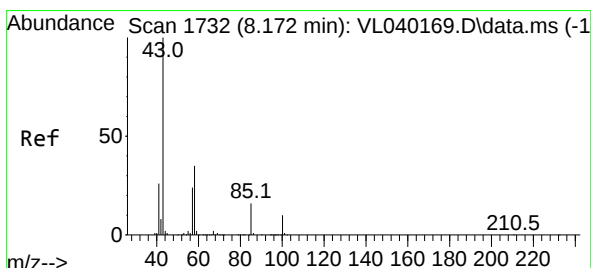
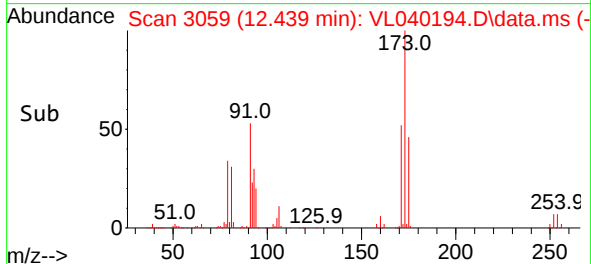
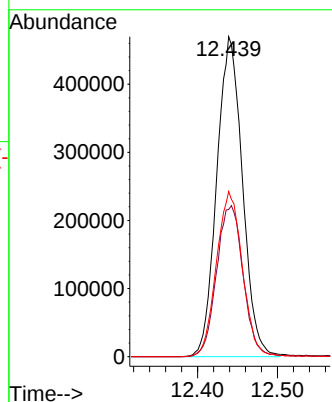
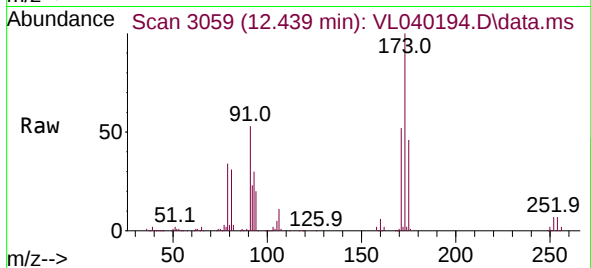
171 52.2 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#50

4-Methyl-2-Pentanone

Concen: 10.890 ppbv

RT: 8.208 min Scan# 1743

Delta R.T. 0.006 min

Lab File: VL040194.D

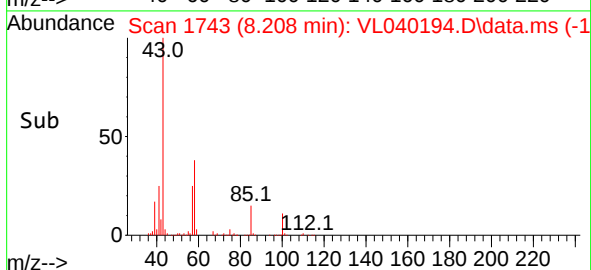
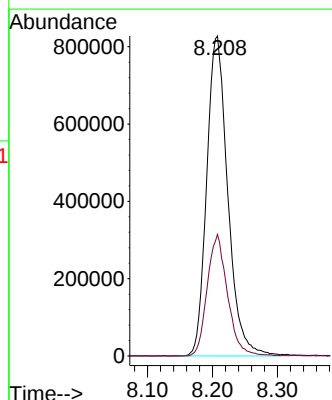
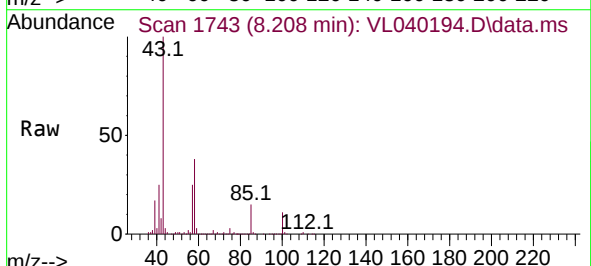
Acq: 21 Feb 2023 14:15

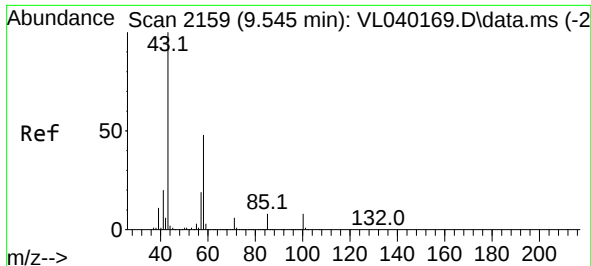
Tgt Ion: 43 Resp: 1868041

Ion Ratio Lower Upper

43 100

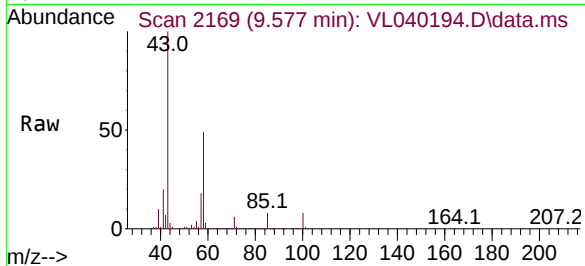
58 36.8 29.2 43.8





#51
2-Hexanone
Concen: 10.912 ppbv
RT: 9.577 min Scan# 2159
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

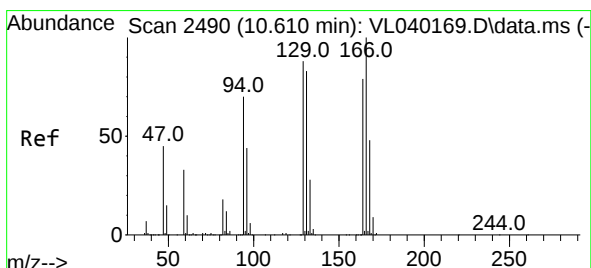
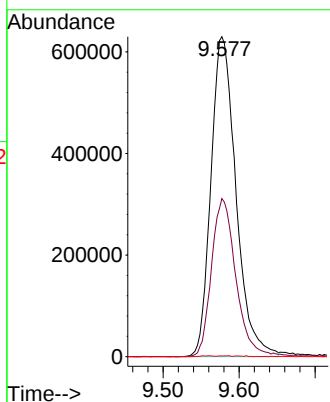
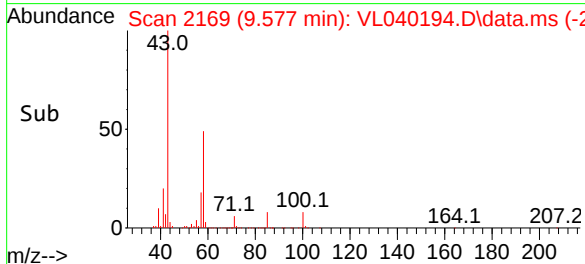
Instrument :
MSVOA_L
ClientSampleId :
VL0221ABS01



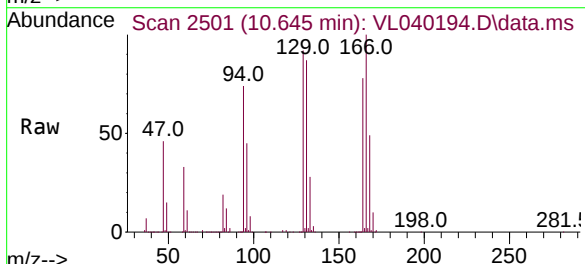
Tgt Ion: 43 Resp: 1439614
Ion Ratio Lower Upper
43 100
58 48.4 39.1 58.7
98 0.3 0.2 0.4

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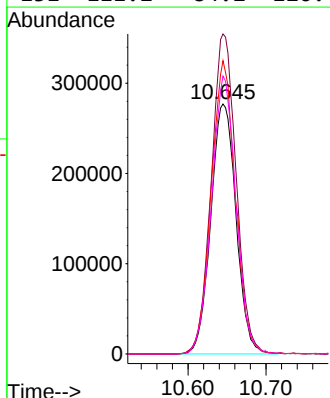
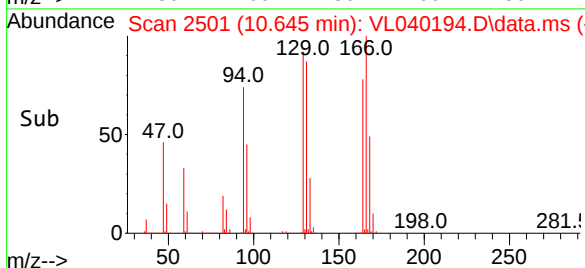
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023

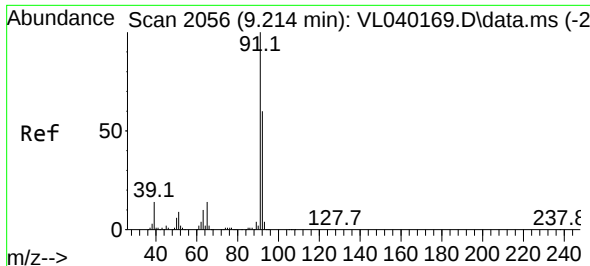


#52
Tetrachloroethene
Concen: 11.430 ppbv
RT: 10.645 min Scan# 2501
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15



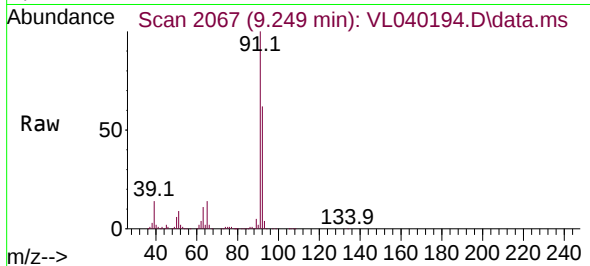
Tgt Ion:164 Resp: 622102
Ion Ratio Lower Upper
164 100
166 128.0 101.5 152.3
129 117.2 89.0 133.4
131 111.2 84.2 126.4





#53
Toluene
Concen: 11.273 ppbv
RT: 9.249 min Scan# 2056
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

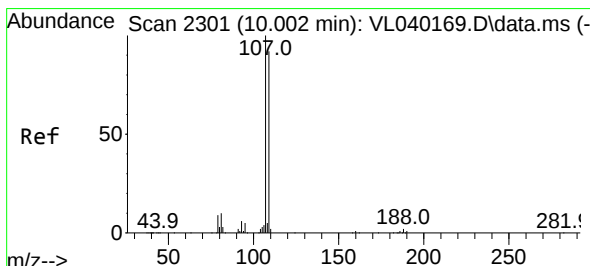
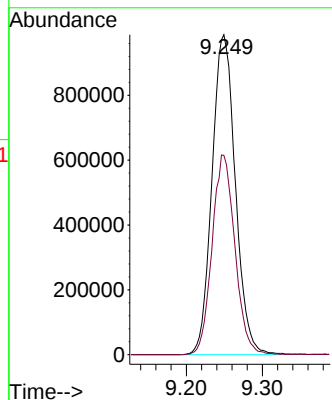
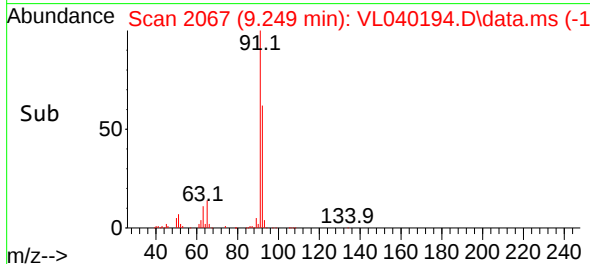
Instrument :
MSVOA_L
ClientSampleId :
VL0221ABS01



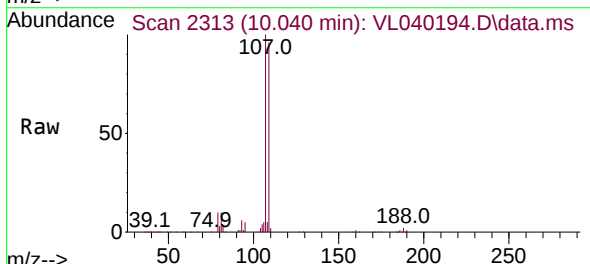
Tgt Ion: 91 Resp: 210446
Ion Ratio Lower Upper
91 100
92 61.0 48.9 73.3

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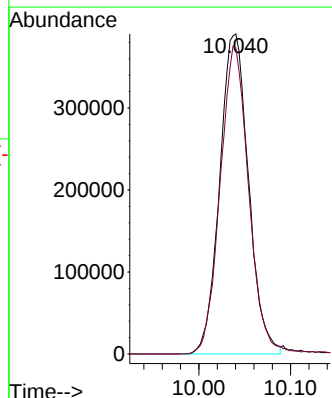
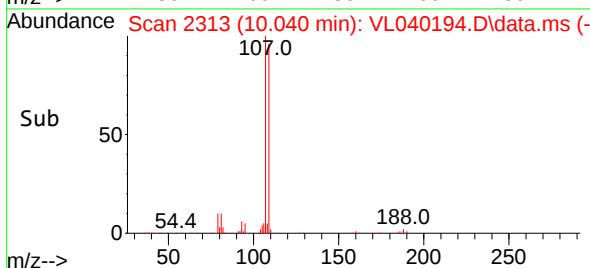
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023

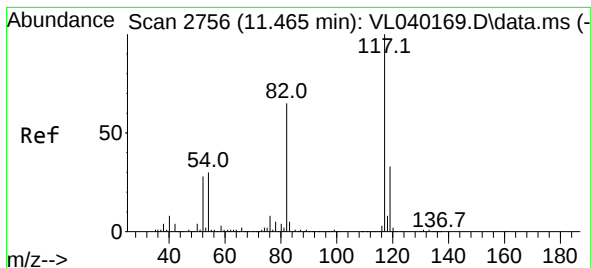


#54
1,2-Dibromoethane
Concen: 11.182 ppbv
RT: 10.040 min Scan# 2313
Delta R.T. 0.006 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15



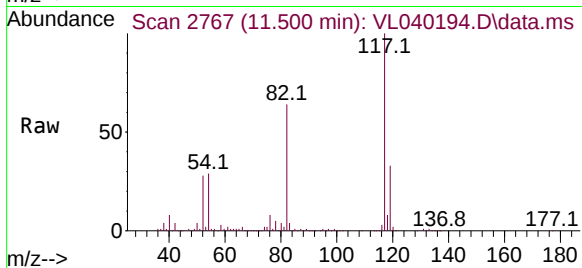
Tgt Ion:107 Resp: 853253
Ion Ratio Lower Upper
107 100
109 95.6 73.8 110.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 11.500 min Scan# 2756
Delta R.T. 0.006 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

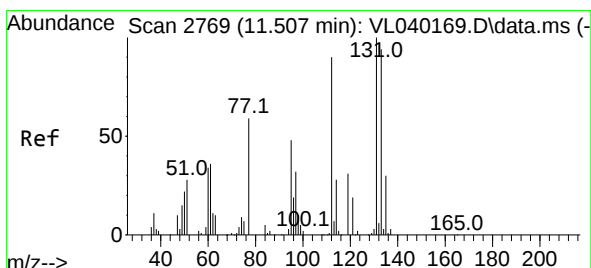
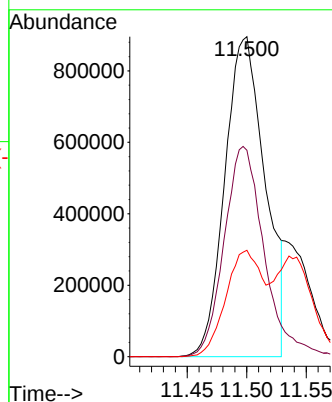
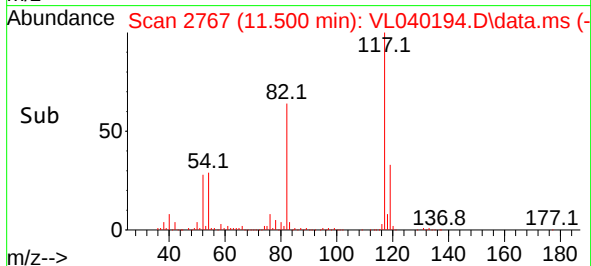
Instrument :
MSVOA_L
ClientSampleId :
VL0221ABS01



Tgt Ion:117 Resp: 210916
Ion Ratio Lower Upper
117 100
82 65.8 53.3 79.9
119 31.4 24.6 37.0

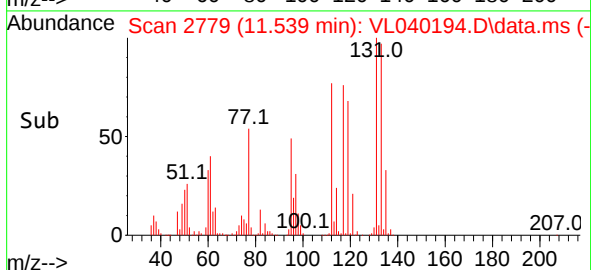
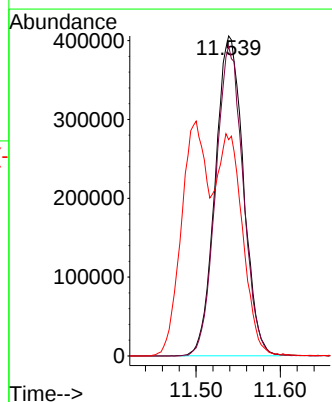
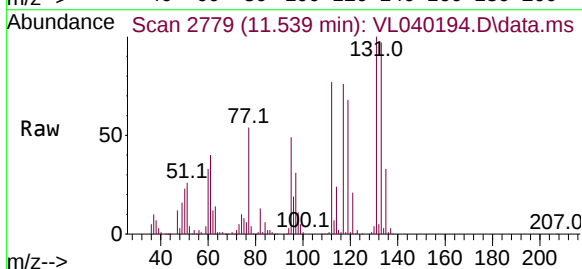
Manual Integrations
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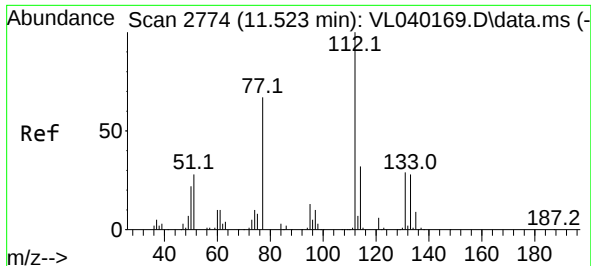
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#56
1,1,1,2-Tetrachloroethane
Concen: 10.596 ppbv
RT: 11.539 min Scan# 2779
Delta R.T. -0.000 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

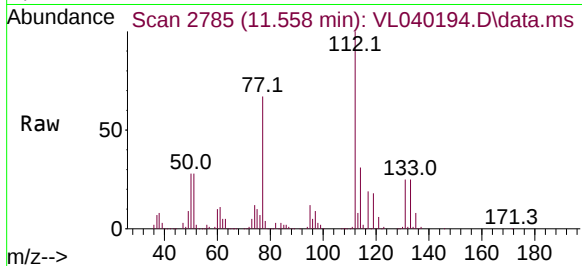
Tgt Ion:131 Resp: 938100
Ion Ratio Lower Upper
131 100
133 94.9 76.2 114.2
119 68.0 45.4 68.0





#57
Chlorobenzene
Concen: 10.436 ppbv
RT: 11.558 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

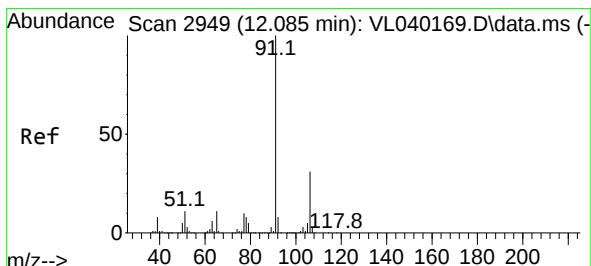
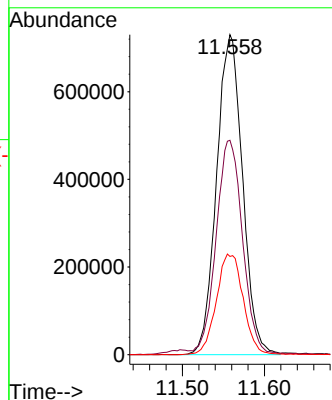
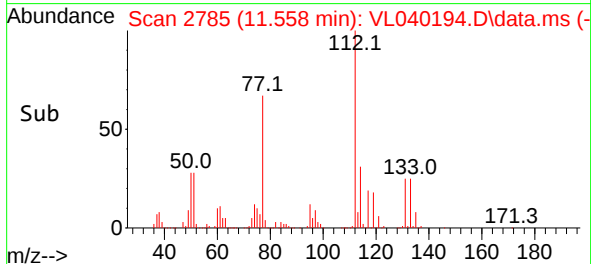
Instrument :
MSVOA_L
ClientSampleId :
VL0221ABS01



Tgt Ion:112 Resp: 160812
Ion Ratio Lower Upper
112 100
77 66.5 55.0 82.4
114 30.6 29.0 35.4

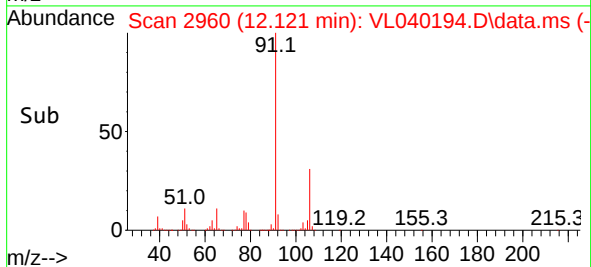
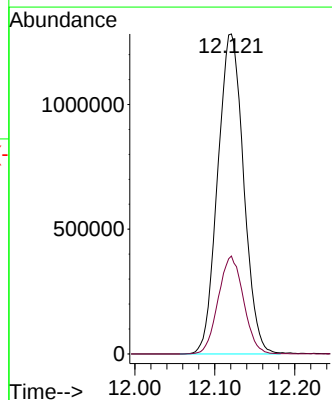
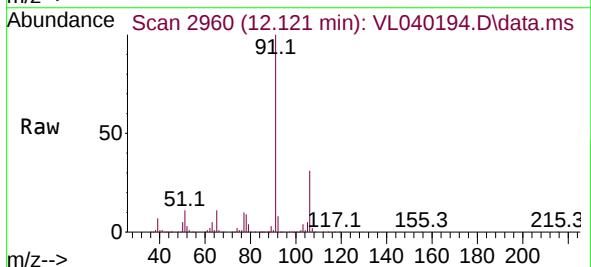
Manual Integrations
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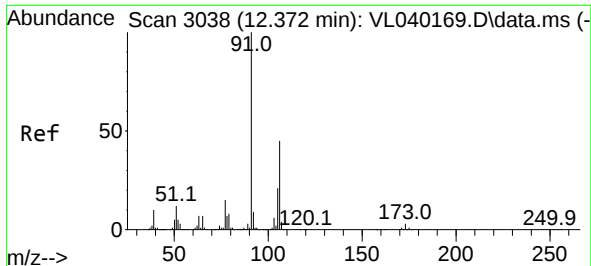
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#58
Ethyl Benzene
Concen: 11.244 ppbv
RT: 12.121 min Scan# 2960
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Tgt Ion: 91 Resp: 2881488
Ion Ratio Lower Upper
91 100
106 30.6 24.9 37.3





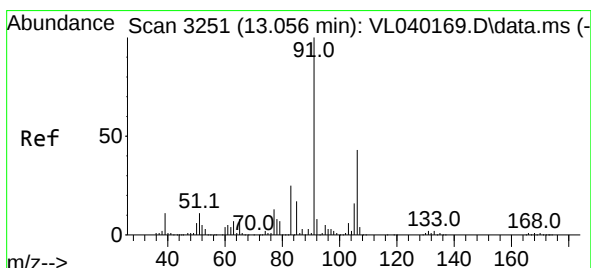
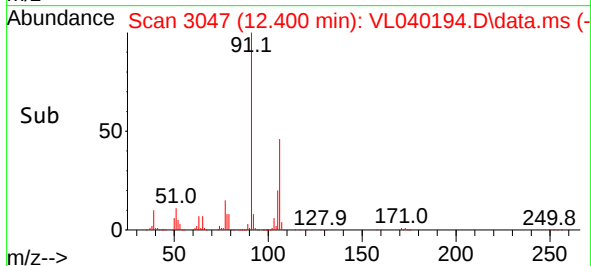
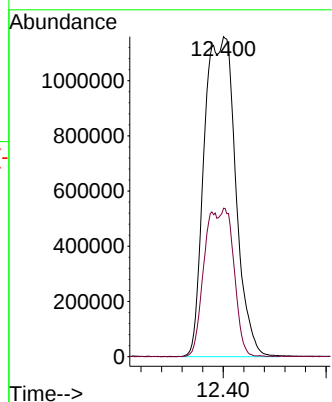
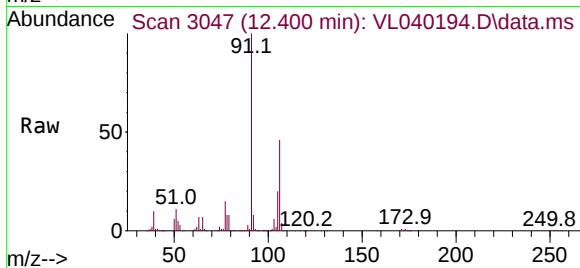
#59
m/p-Xylene
Concen: 21.585 ppbv m
RT: 12.400 min Scan# 3038
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0221ABS01

Tgt Ion: 91 Resp: 489919
Ion Ratio Lower Upper
91 100
106 43.4 34.6 51.8

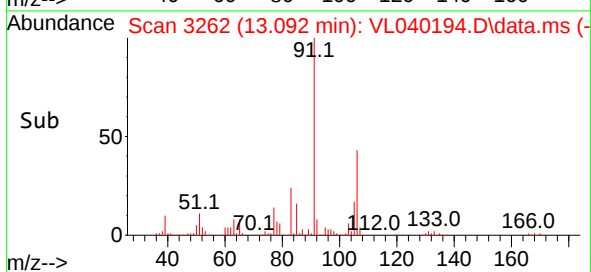
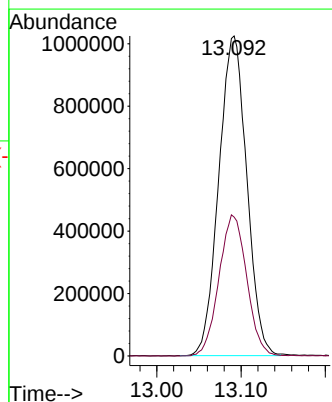
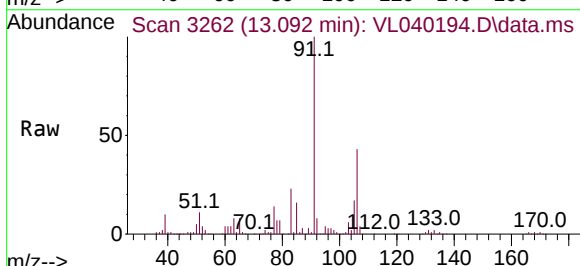
Manual Integrations
APPROVED

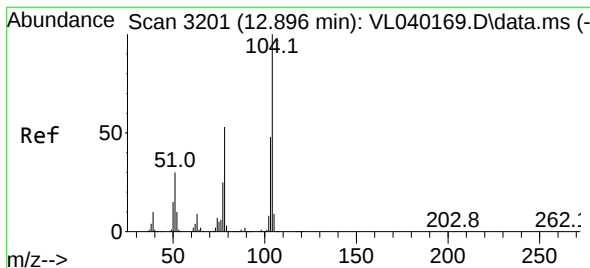
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#60
o-Xylene
Concen: 10.784 ppbv
RT: 13.092 min Scan# 3262
Delta R.T. 0.006 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Tgt Ion: 91 Resp: 2355338
Ion Ratio Lower Upper
91 100
106 44.0 21.6 65.0





#61

Styrene

Concen: 11.826 ppbv

RT: 12.931 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Instrument :

MSVOA_L

ClientSampleId :

VL0221ABS01

Tgt Ion:104 Resp: 1356014

Ion Ratio Lower Upper

104 100

78 52.8 42.3 63.5

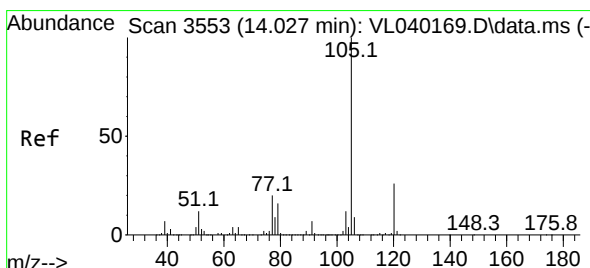
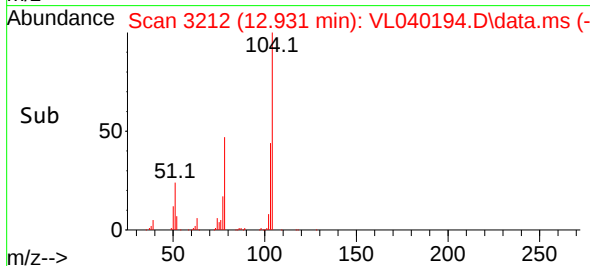
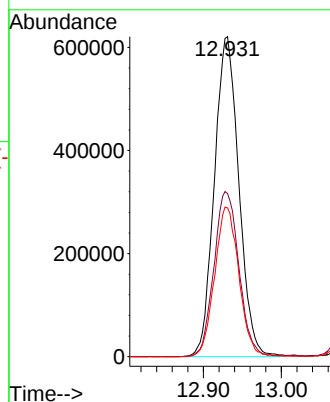
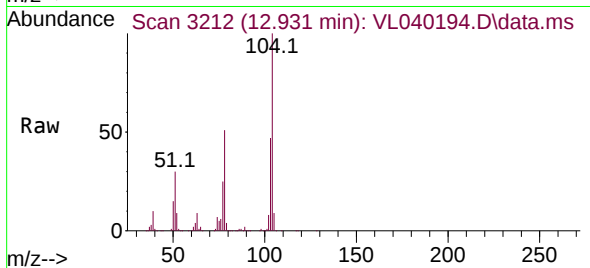
103 46.5 37.5 56.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#62

Isopropylbenzene

Concen: 10.575 ppbv

RT: 14.063 min Scan# 3564

Delta R.T. 0.003 min

Lab File: VL040194.D

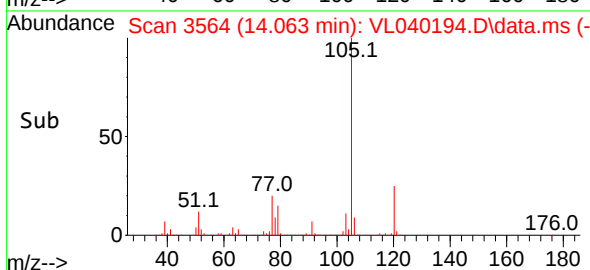
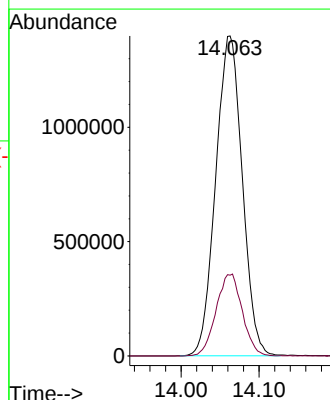
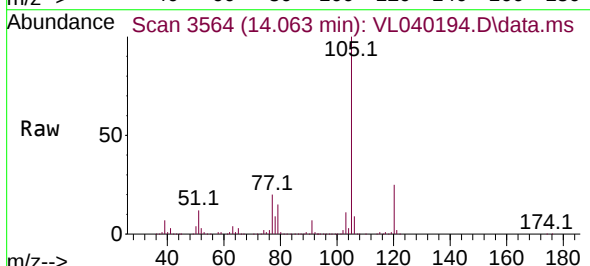
Acq: 21 Feb 2023 14:15

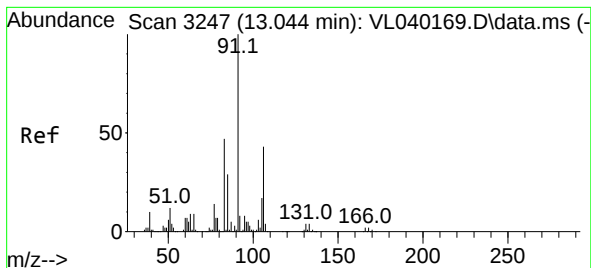
Tgt Ion:105 Resp: 3315184

Ion Ratio Lower Upper

105 100

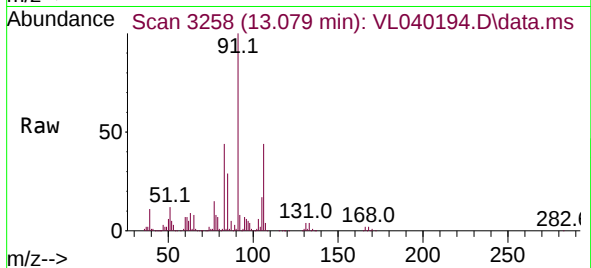
120 25.2 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 9.904 ppbv
RT: 13.079 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

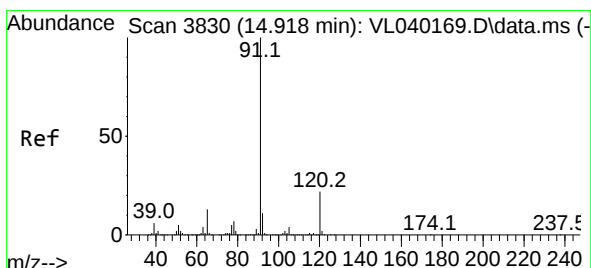
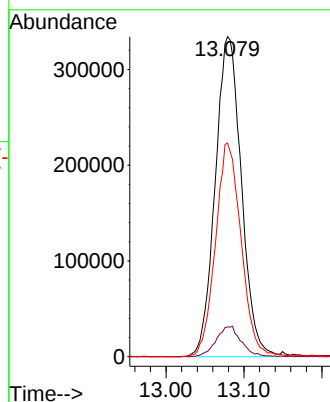
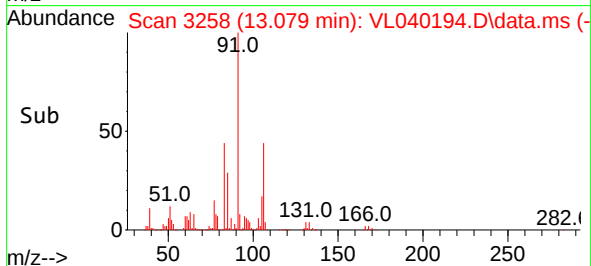
Instrument :
MSVOA_L
ClientSampleId :
VL0221ABS01



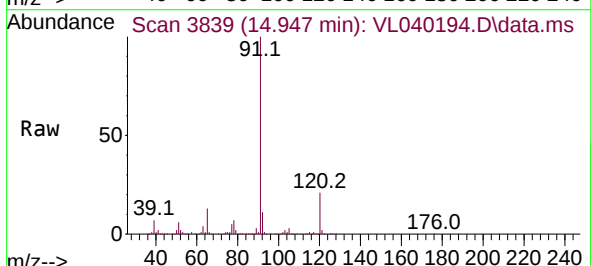
Tgt Ion: 83 Resp: 77948
Ion Ratio Lower Upper
83 100
131 9.2 4.4 13.2
85 65.9 33.0 99.0

Manual Integrations
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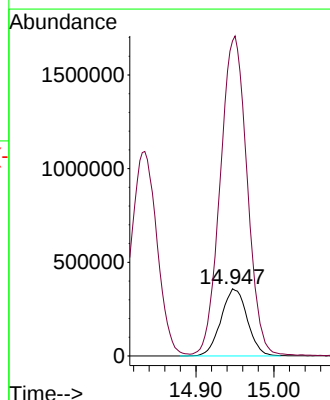
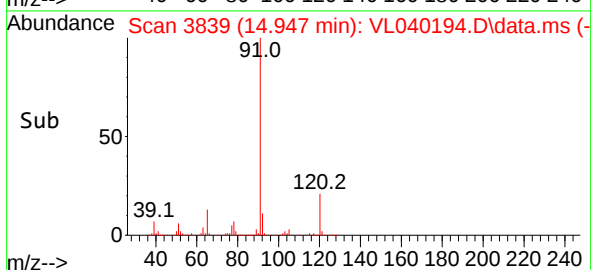
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023

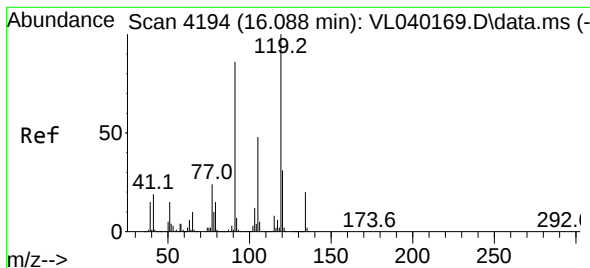


#64
n-propylbenzene
Concen: 10.795 ppbv
RT: 14.947 min Scan# 3839
Delta R.T. -0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15



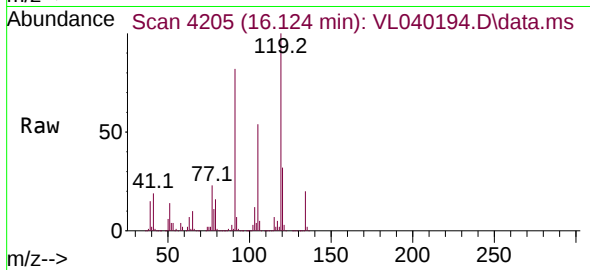
Tgt Ion:120 Resp: 837539
Ion Ratio Lower Upper
120 100
91 490.4 389.8 584.8





#65
tert-Butylbenzene
Concen: 10.566 ppbv
RT: 16.124 min Scan# 4194
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

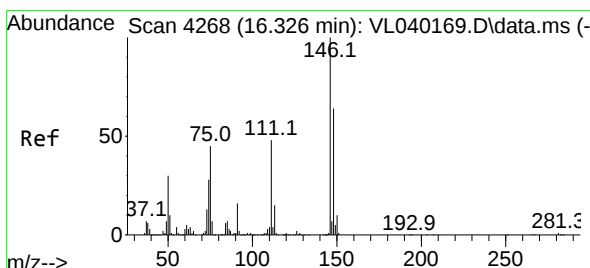
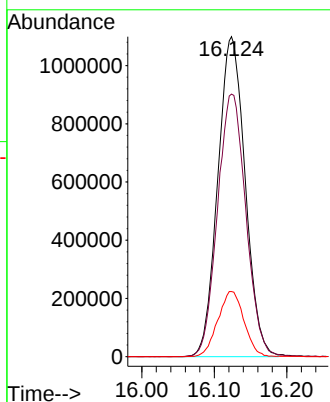
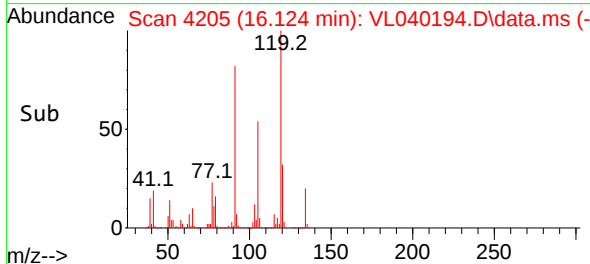
Instrument :
MSVOA_L
ClientSampleId :
VL0221ABS01



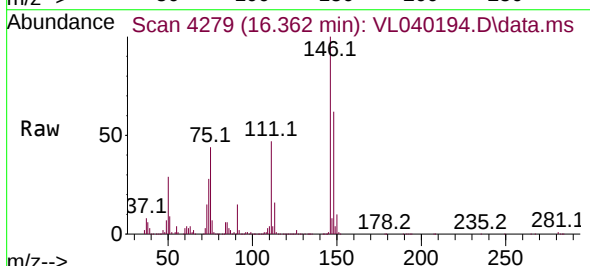
Tgt Ion:119 Resp: 287934
Ion Ratio Lower Upper
119 100
91 85.2 68.6 102.8
134 19.6 15.9 23.9

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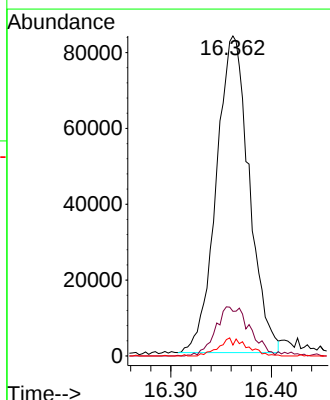
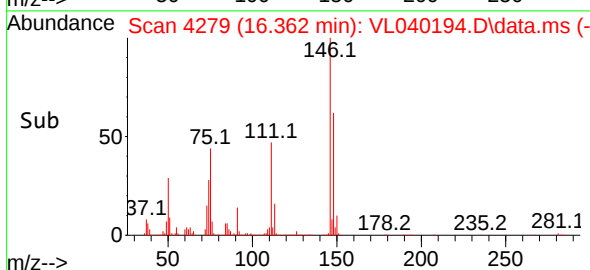
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023

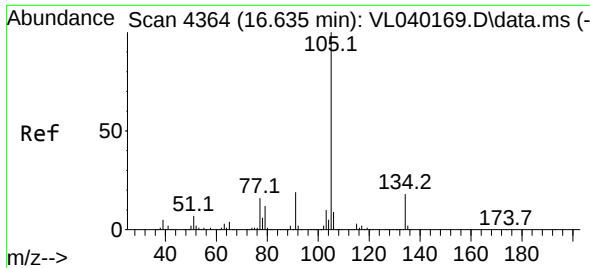


#66
Benzyl Chloride
Concen: 10.444 ppbv
RT: 16.362 min Scan# 4279
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15



Tgt Ion: 91 Resp: 189387
Ion Ratio Lower Upper
91 100
126 16.8 13.1 19.7
128 4.9 4.1 6.1





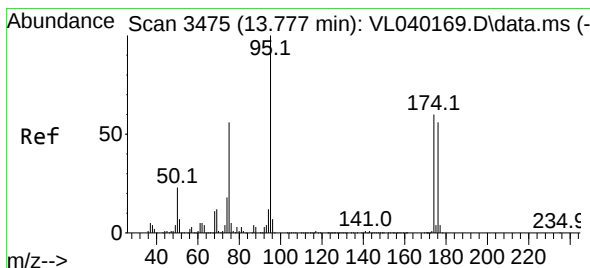
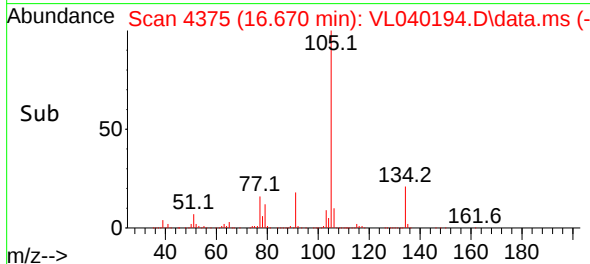
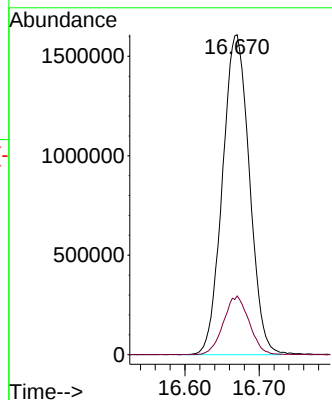
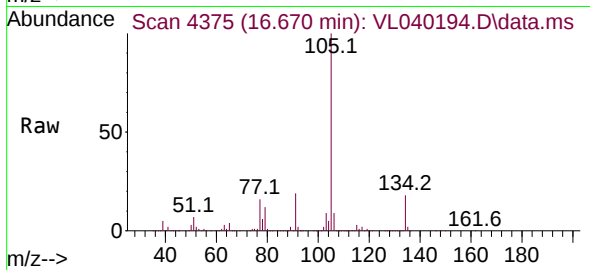
#67
 sec-Butylbenzene
 Concen: 10.370 ppbv
 RT: 16.670 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL040194.D
 Acq: 21 Feb 2023 14:15

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0221ABS01

Tgt Ion:105 Resp: 405280
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.1 21.1

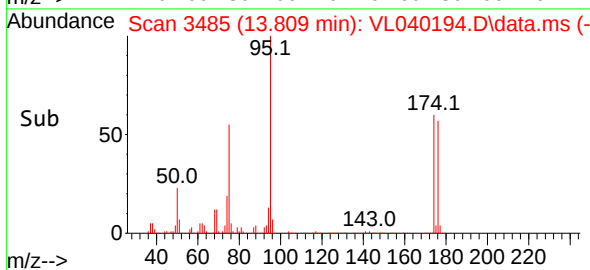
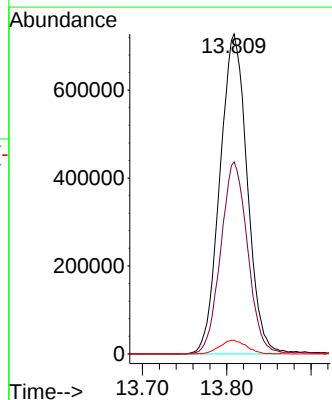
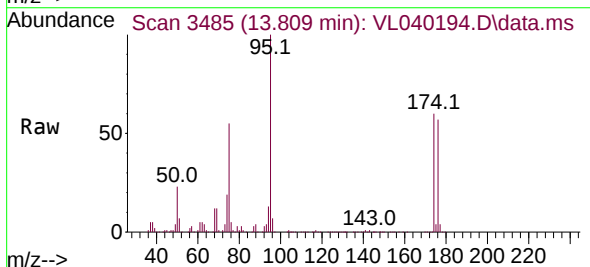
Manual Integrations
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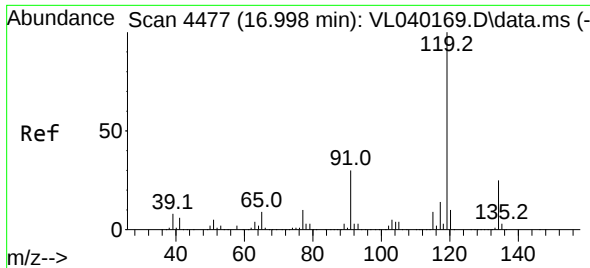
Reviewed By :Semsettin Yesilyurt 02/22/2023
 Supervised By :Mahesh Dadoda 02/23/2023



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.415 ppbv
 RT: 13.809 min Scan# 3485
 Delta R.T. 0.003 min
 Lab File: VL040194.D
 Acq: 21 Feb 2023 14:15

Tgt Ion: 95 Resp: 1632856
 Ion Ratio Lower Upper
 95 100
 174 59.9 48.2 72.2
 175 4.3 3.4 5.2





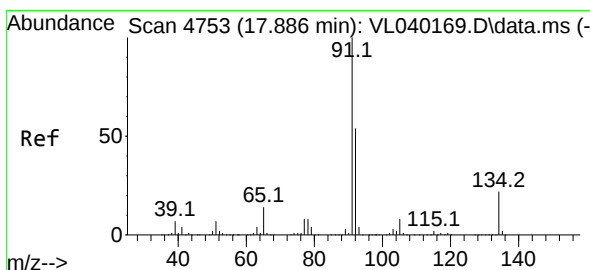
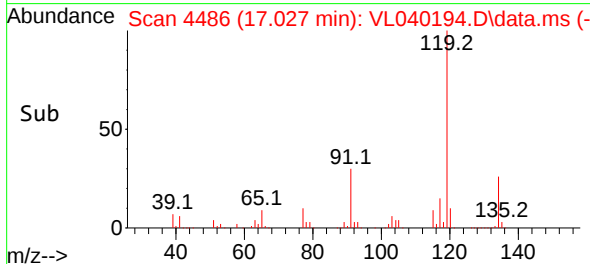
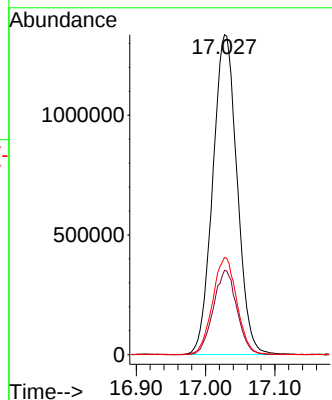
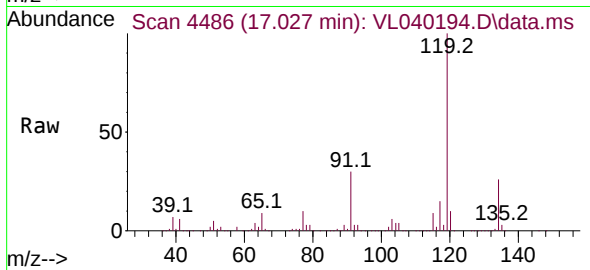
#69
p-Isopropyltoluene
Concen: 10.511 ppbv
RT: 17.027 min Scan# 4477
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0221ABS01

Tgt Ion:119 Resp: 325643
Ion Ratio Lower Upper
119 100
134 25.7 20.2 30.2
91 30.4 24.7 37.1

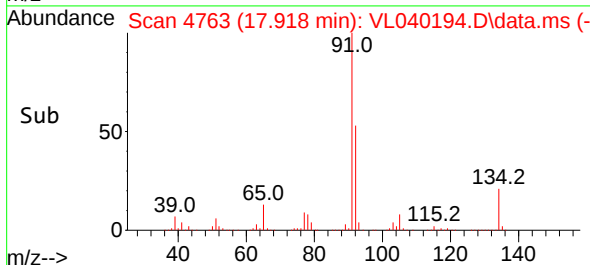
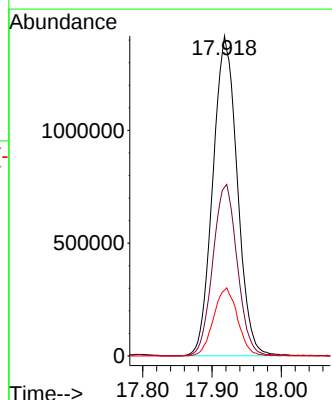
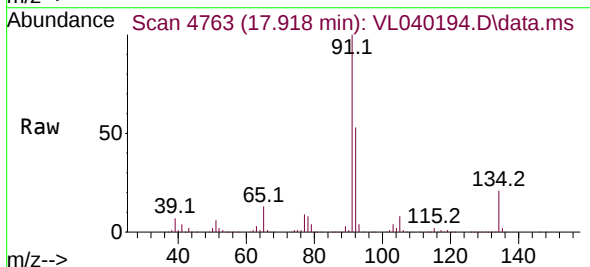
Manual Integrations
APPROVED

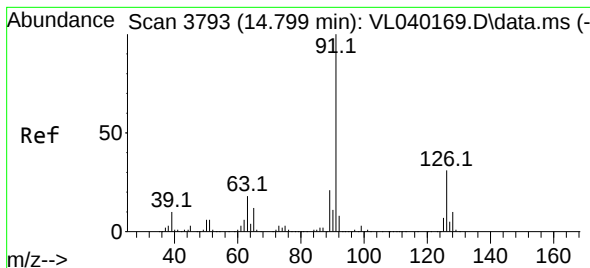
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#70
n-Butylbenzene
Concen: 10.320 ppbv
RT: 17.918 min Scan# 4763
Delta R.T. -0.000 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Tgt Ion: 91 Resp: 3470395
Ion Ratio Lower Upper
91 100
92 53.8 43.0 64.6
134 21.1 16.9 25.3





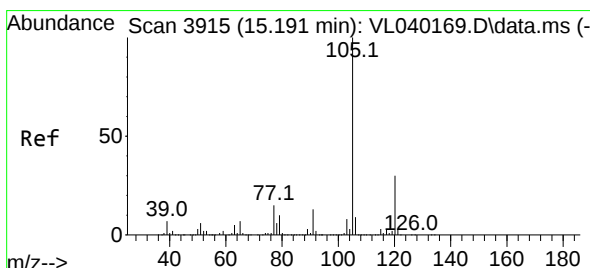
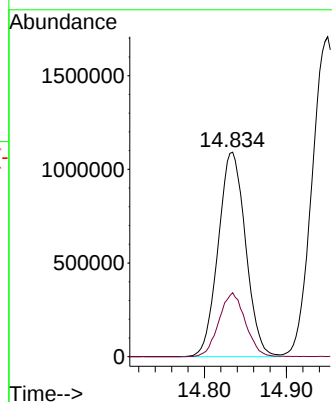
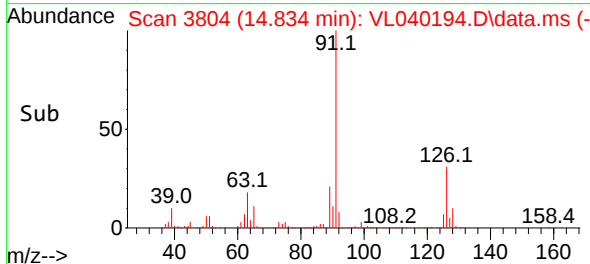
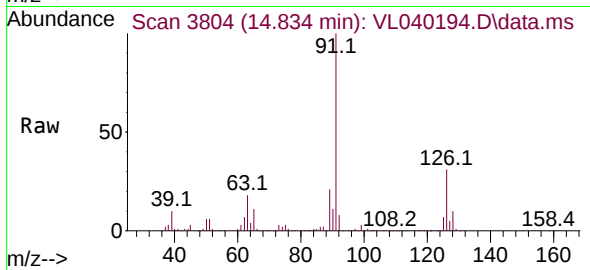
#71
2-Chlorotoluene
Concen: 10.563 ppbv
RT: 14.834 min Scan# 3804
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Instrument :
MSVOA_L
ClientSampleId :
VL0221ABS01

Tgt Ion: 91 Resp: 253248
Ion Ratio Lower Upper
91 100
126 30.3 12.0 48.2

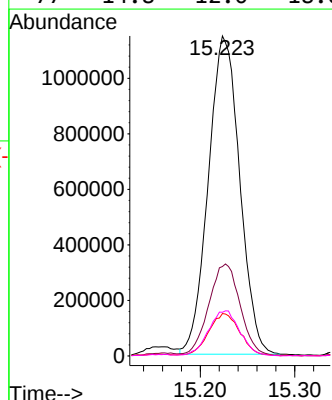
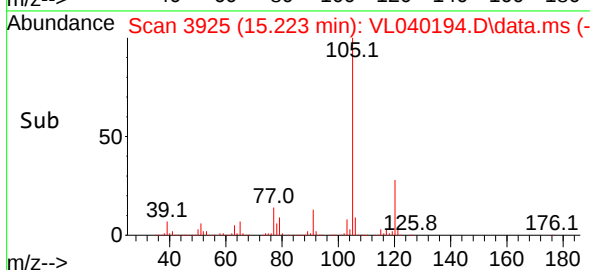
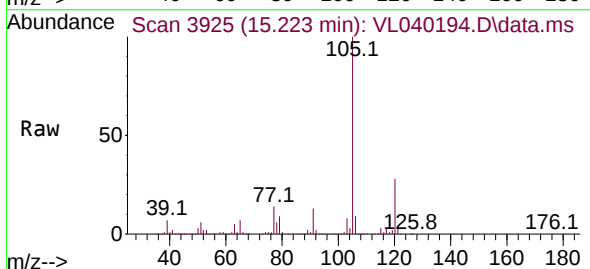
Manual Integrations
APPROVED

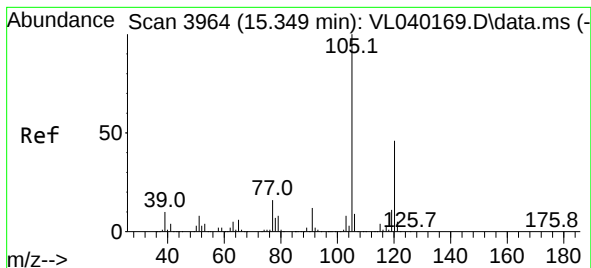
Reviewed By :Semsettin Yesilyurt 02/22/2023
Supervised By :Mahesh Dadoda 02/23/2023



#72
4-Ethyltoluene
Concen: 10.940 ppbv
RT: 15.223 min Scan# 3925
Delta R.T. 0.003 min
Lab File: VL040194.D
Acq: 21 Feb 2023 14:15

Tgt Ion:105 Resp: 2641370
Ion Ratio Lower Upper
105 100
120 30.1 23.2 34.8
91 13.5 11.3 16.9
77 14.8 12.0 18.0





#73

1,3,5-Trimethylbenzene

Concen: 10.462 ppbv

RT: 15.381 min Scan# 3964

Delta R.T. -0.000 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Instrument :

MSVOA_L

ClientSampleId :

VL0221ABS01

Tgt Ion:105 Resp: 235034

Ion Ratio Lower Upper

105 100

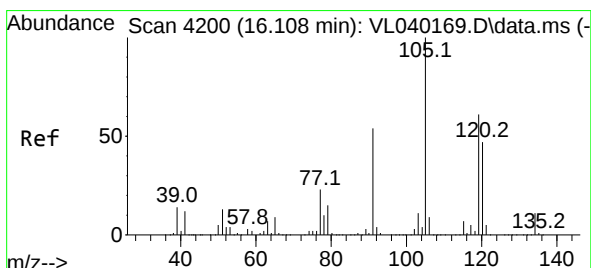
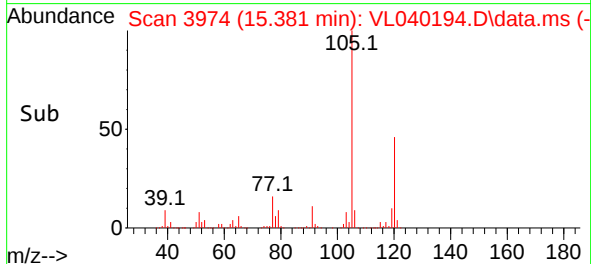
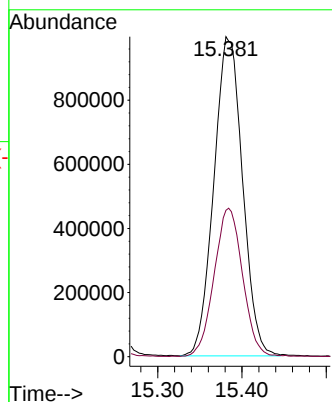
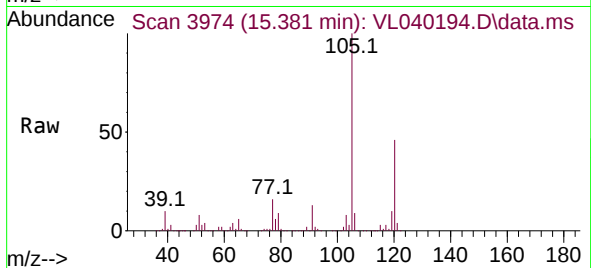
120 45.8 36.8 55.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#74

1,2,4-Trimethylbenzene

Concen: 10.283 ppbv

RT: 16.143 min Scan# 4211

Delta R.T. 0.006 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Tgt Ion:105 Resp: 2537429

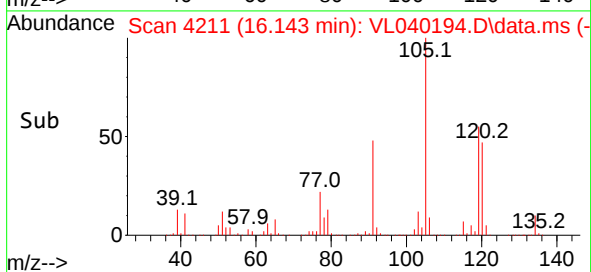
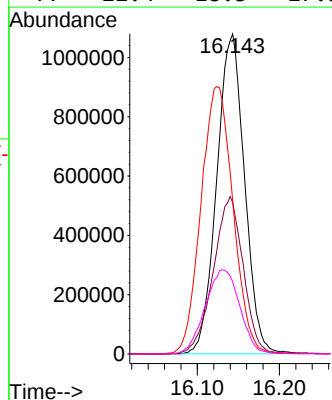
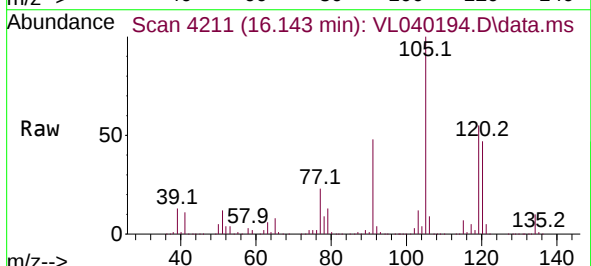
Ion Ratio Lower Upper

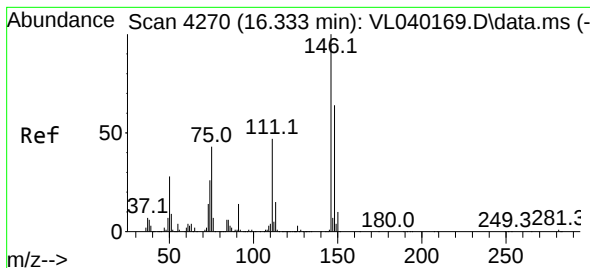
105 100

120 47.1 37.9 56.9

91 47.6 43.7 65.5

77 22.4 18.3 27.5





#75

1,3-Dichlorobenzene

Concen: 10.225 ppbv

RT: 16.365 min Scan# 41

Delta R.T. 0.003 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Instrument :

MSVOA_L

ClientSampleId :

VL0221ABS01

Tgt Ion:146 Resp: 138074

Ion Ratio Lower Upper

146 100

111 48.9 23.9 71.8

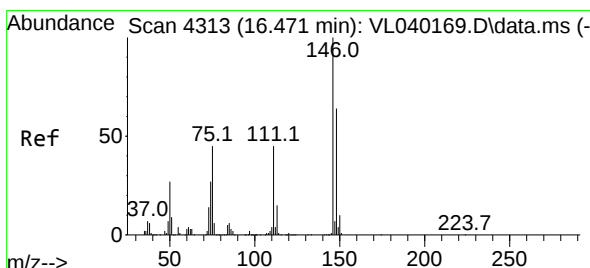
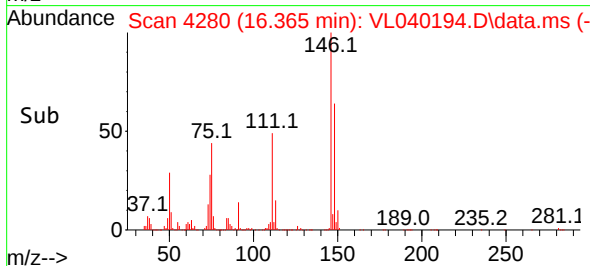
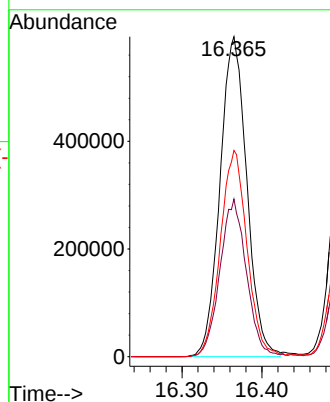
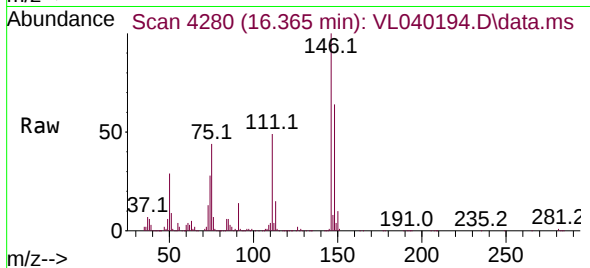
148 64.4 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#76

1,4-Dichlorobenzene

Concen: 10.260 ppbv

RT: 16.506 min Scan# 4324

Delta R.T. 0.003 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

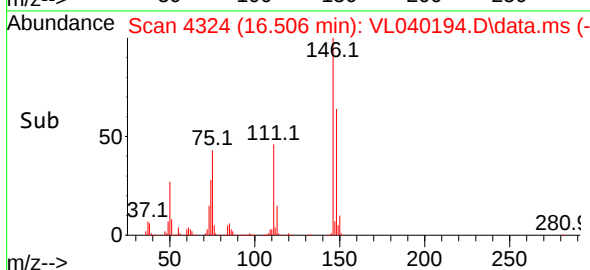
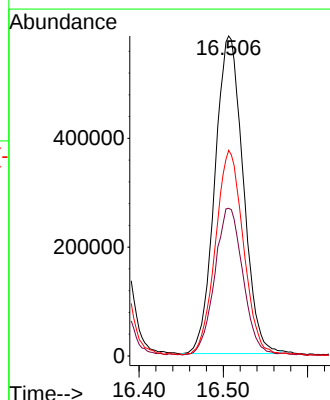
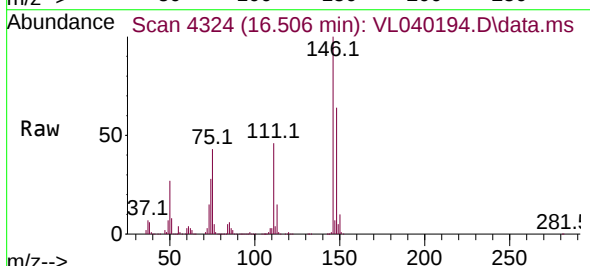
Tgt Ion:146 Resp: 1357714

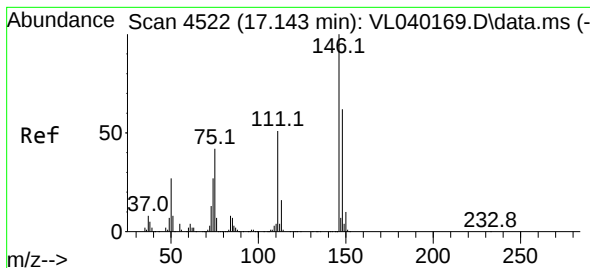
Ion Ratio Lower Upper

146 100

111 47.4 23.5 70.5

148 65.3 32.5 97.4





#77

1,2-Dichlorobenzene

Concen: 9.922 ppbv

RT: 17.175 min Scan# 4532

Delta R.T. -0.003 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Instrument :

MSVOA_L

ClientSampleId :

VL0221ABS01

Tgt Ion:146 Resp: 133098

Ion Ratio Lower Upper

146 100

111 50.3 25.3 75.8

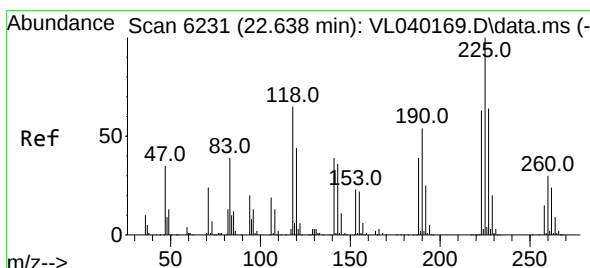
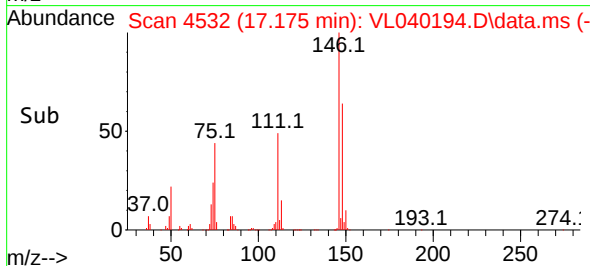
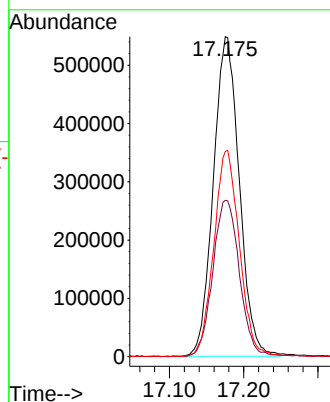
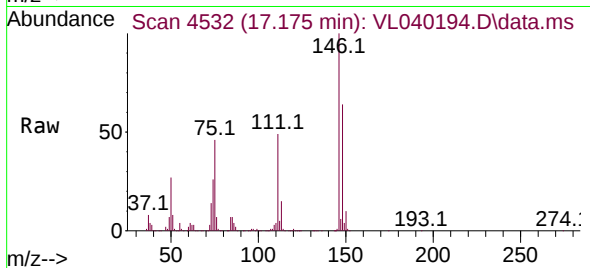
148 64.2 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#78

Hexachloro-1,3-Butadiene

Concen: 9.008 ppbv

RT: 22.670 min Scan# 6241

Delta R.T. 0.003 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

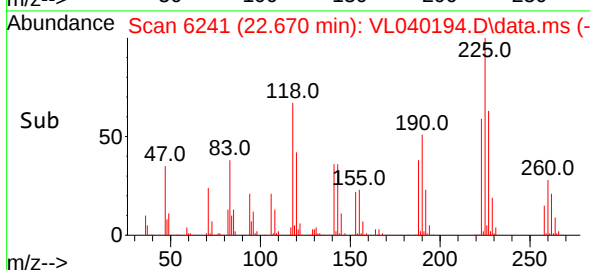
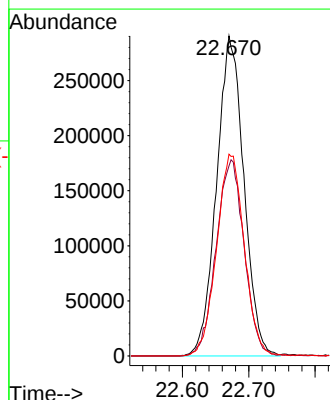
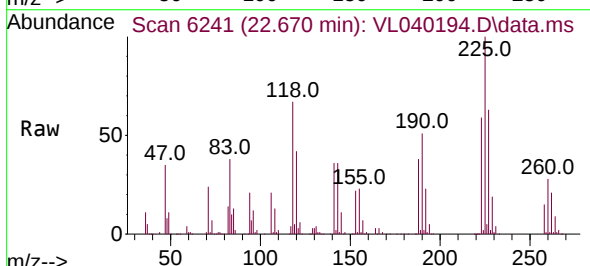
Tgt Ion:225 Resp: 830186

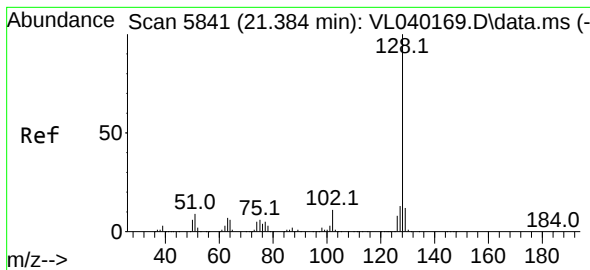
Ion Ratio Lower Upper

225 100

223 63.1 51.0 76.6

227 63.9 51.2 76.8





#79

Naphthalene

Concen: 11.677 ppbv

RT: 21.419 min Scan# 5852

Delta R.T. -0.000 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Instrument :

MSVOA_L

ClientSampleId :

VL0221ABS01

Tgt Ion:128 Resp: 1618818

Ion Ratio Lower Upper

128 100

127 12.2 10.2 15.4

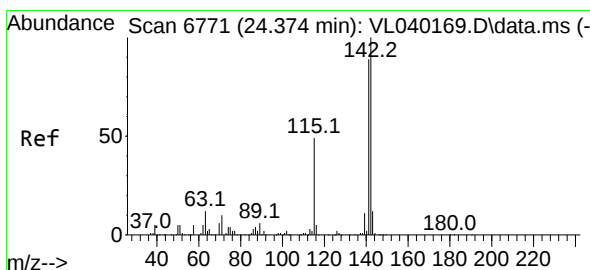
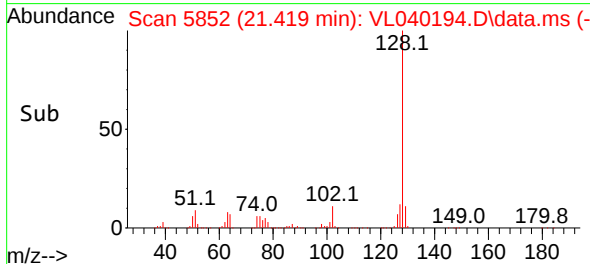
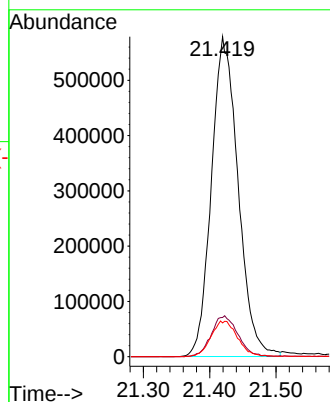
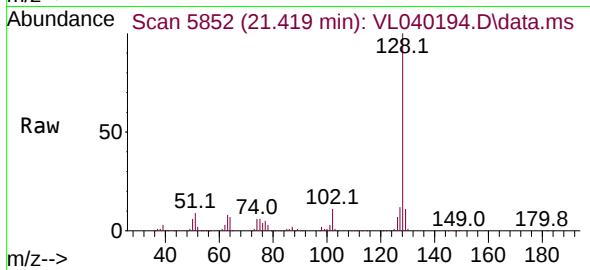
129 10.6 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023



#80

Naphthalene,2-methyl-

Concen: 10.091 ppbv

RT: 24.406 min Scan# 6781

Delta R.T. 0.006 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

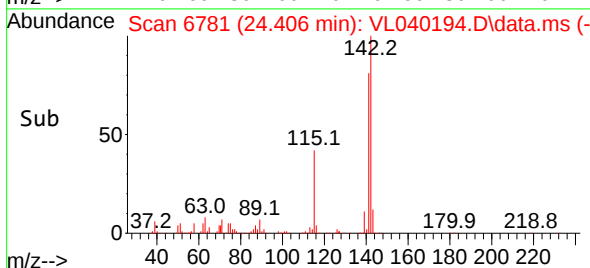
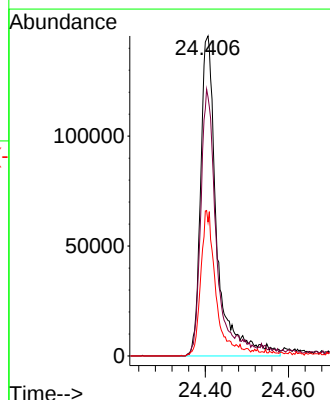
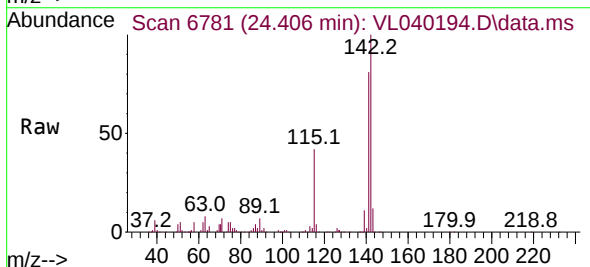
Tgt Ion:142 Resp: 397795

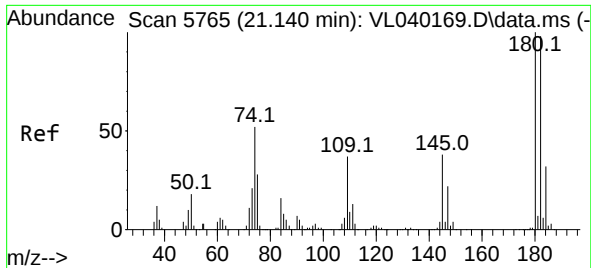
Ion Ratio Lower Upper

142 100

141 83.6 67.3 100.9

115 45.3 36.5 54.7





#81

1,2,4-Trichlorobenzene

Concen: 10.364 ppbv

RT: 21.175 min Scan# 51

Delta R.T. -0.000 min

Lab File: VL040194.D

Acq: 21 Feb 2023 14:15

Instrument :

MSVOA_L

ClientSampleId :

VL0221ABS01

Tgt Ion:180 Resp: 899110

Ion Ratio Lower Upper

180 100

182 96.9 79.0 118.6

184 30.4 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/22/2023

Supervised By :Mahesh Dadoda 02/23/2023

