

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062222\
 Data File : VL039322.D
 Acq On : 22 Jun 2022 15:44
 Operator : SY/AP
 Sample : VL0622ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0622ABS01

Quant Time: Jun 23 07:27:57 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 23 07:27:57 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 06/24/2022
 Supervised By : Mahesh Dadoda 06/28/2022

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

Internal Standards						
1) Bromochloromethane	5.664	49	1257605	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.172	114	3514582	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	3337694m	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.407 95 2702330 9.793 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.050	85	2494632	11.293	ppbv	99
3) Chlorodifluoromethane	2.989	51	1460143	9.125	ppbv	99
4) Chloromethane	3.140	50	790972	9.623	ppbv	98
5) Vinyl Chloride	3.259	62	781959	10.177	ppbv	97
6) Bromomethane	3.475	94	346282	9.161	ppbv	98
7) Chloroethane	3.555	64	286156	10.688	ppbv	99
8) Dichlorotetrafluoroethane	3.189	85	1916649	9.494	ppbv	96
9) Propene	3.012	41	650792	9.327	ppbv	97
10) Heptane	8.121	43	1666305	10.237	ppbv	98
11) Trichlorofluoromethane	3.954	101	1877490	9.390	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.484	101	1360069	10.286	ppbv	97
13) Ethanol	3.603	45	37106m	9.752	ppbv	
14) Bromoethene	3.742	108	604777	10.174	ppbv	98
15) Acetone	3.848	43	1351740	10.318	ppbv	97
16) 1,3-Butadiene	3.330	39	760610	10.801	ppbv	95
17) tert-Butyl alcohol	4.282	59	1133776	11.158	ppbv	98
18) 1,1-Dichloroethene	4.292	96	629821	10.618	ppbv	89
19) Isopropyl Alcohol	3.960	45	634347	10.324	ppbv	99
20) Methylene Chloride	4.343	84	530126	9.603	ppbv	92
21) Allyl Chloride	4.410	41	1011897	11.450	ppbv	99
22) trans-1,2-Dichloroethene	4.886	96	663161	11.620	ppbv	99
23) Vinyl Acetate	5.070	43	1212503	11.187	ppbv	98
24) 1,1-Dichloroethane	5.009	63	1343323	9.045	ppbv	98
25) Ethyl Acetate	5.674	43	2988583	10.122	ppbv	99
26) Hexane	5.684	57	1279625	9.862	ppbv	98
27) Carbon Disulfide	4.552	76	1560298	11.602	ppbv	99
28) Methyl tert-Butyl Ether	5.031	73	1314365	9.176	ppbv	99
29) Chloroform	5.748	83	2010097	9.206	ppbv	98
30) Cyclohexane	7.131	84	1101261	10.103	ppbv	99
31) cis-1,2-Dichloroethene	5.549	61	1284787	9.711	ppbv	96
32) 1,1,1-Trichloroethane	6.510	97	2039295	9.545	ppbv	100
34) 2-Butanone	5.240	43	1731015	9.066	ppbv	99
35) Carbon Tetrachloride	7.018	117	2098941	8.182	ppbv	98
36) Benzene	6.886	78	2655517	9.307	ppbv	100
37) 1,2-Dichloroethane	6.308	62	1522006	8.105	ppbv	97
38) Trichloroethene	7.835	130	1351849	10.315	ppbv	95
39) 1,2-Dichloropropane	7.610	63	1005673	8.861	ppbv	98
40) 1,4-Dioxane	7.825	88	348857	9.337	ppbv #	1
41) Tetrahydrofuran	6.047	42	1040329	9.059	ppbv	100
42) Bromodichloromethane	7.787	83	2175441	8.347	ppbv	99
43) Methyl Methacrylate	8.008	69	1073258	9.657	ppbv	98
44) 2,2,4-Trimethylpentane	7.867	57	4450145	8.915	ppbv	98
45) t-1,3-Dichloropropene	9.275	75	1049786	9.069	ppbv	96

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Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022

Quant Time: Jun 23 07:27:57 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

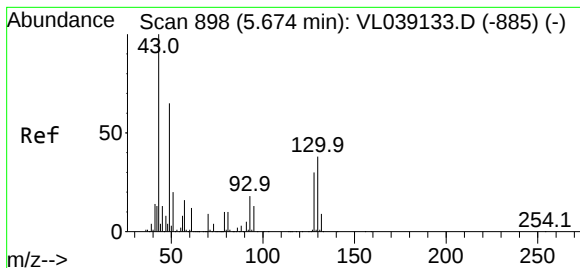
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 6

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

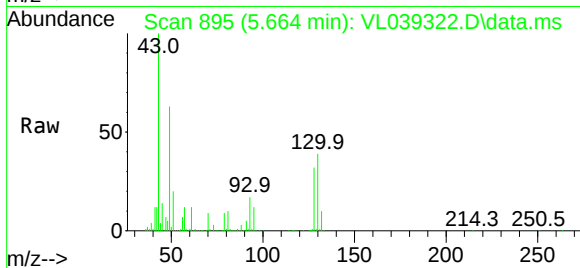
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.700	75	1396044	9.130	ppbv	99
47) 1,1,2-Trichloroethane	9.468	97	1107550	9.354	ppbv	98
48) Dibromochloromethane	10.298	129	1924216	9.101	ppbv	99
49) Bromoform	13.037	173	1628493	9.243	ppbv	97
50) 4-Methyl-2-Pentanone	8.732	43	2737396	9.578	ppbv	99
51) 2-Hexanone	10.124	43	2082858	9.365	ppbv #	98
52) Tetrachloroethene	11.220	164	1021389	9.168	ppbv	100
53) Toluene	9.799	91	3195730	9.726	ppbv	99
54) 1,2-Dibromoethane	10.603	107	1472036	9.252	ppbv	95
56) 1,1,1,2-Tetrachloroethane	12.118	131	1428174	9.043	ppbv	96
57) Chlorobenzene	12.140	112	2397379	9.546	ppbv	97
58) Ethyl Benzene	12.703	91	4305494	9.365	ppbv	99
59) m/p-Xylene	12.992	91	7295944m	18.021	ppbv	
60) o-Xylene	13.687	91	3525220	9.266	ppbv	100
61) Styrene	13.519	104	2104428	10.330	ppbv	96
62) Isopropylbenzene	14.661	105	5196773	9.191	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.671	83	1746402	8.178	ppbv	99
64) n-propylbenzene	15.552	120	1359127	9.778	ppbv	88
65) tert-Butylbenzene	16.735	119	4687029	9.065	ppbv	97
66) Benzyl Chloride	16.979	91	500034	7.438	ppbv	99
67) sec-Butylbenzene	17.285	105	6429959	9.114	ppbv	99
69) p-Isopropyltoluene	17.641	119	5521725	9.277	ppbv	98
70) n-Butylbenzene	18.539	91	5446292	8.915	ppbv	99
71) 2-Chlorotoluene	15.442	91	3841978	8.910	ppbv	98
72) 4-Ethyltoluene	15.831	105	4244626	9.520	ppbv	99
73) 1,3,5-Trimethylbenzene	15.989	105	3832699	9.530	ppbv	100
74) 1,2,4-Trimethylbenzene	16.754	105	4104018	9.145	ppbv #	90
75) 1,3-Dichlorobenzene	16.986	146	2422598	9.537	ppbv	99
76) 1,4-Dichlorobenzene	17.127	146	2328193	9.186	ppbv	98
77) 1,2-Dichlorobenzene	17.805	146	2342869	9.151	ppbv	98
78) Hexachloro-1,3-Butadiene	23.365	225	1775098	7.582	ppbv	99
79) Naphthalene	22.181	128	3418084	9.894	ppbv	100
80) Naphthalene,2-methyl-	24.959	142	861518	6.712	ppbv	95
81) 1,2,4-Trichlorobenzene	21.915	180	1973205	9.016	ppbv #	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.664 min Scan# 89
Delta R.T. -0.010 min
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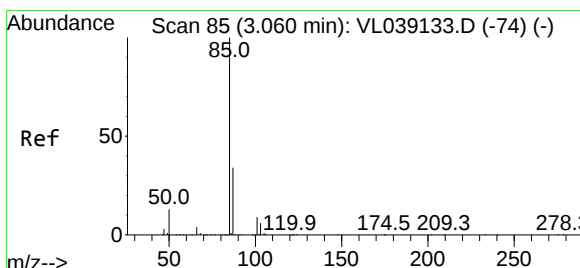
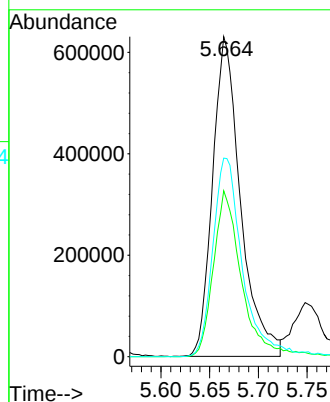
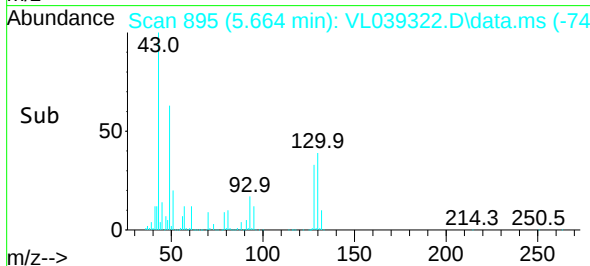
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



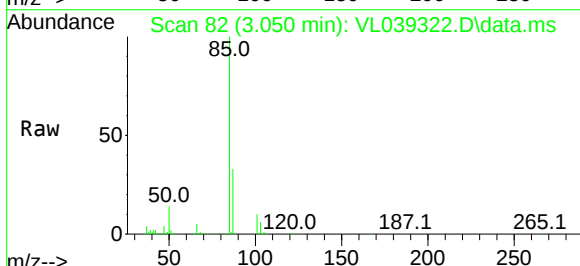
Tgt Ion: 49 Resp: 125760
Ion Ratio Lower Upper
49 100
128 53.2 24.7 74.1
130 67.3 31.4 94.0

Manual Integrations
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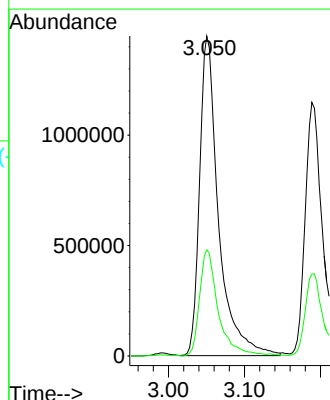
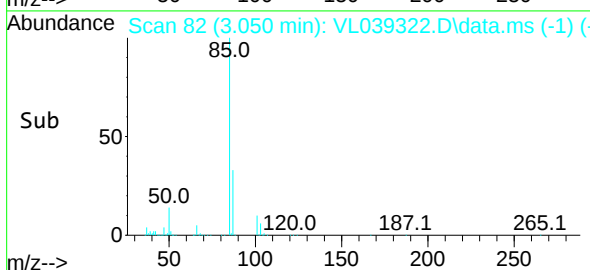
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

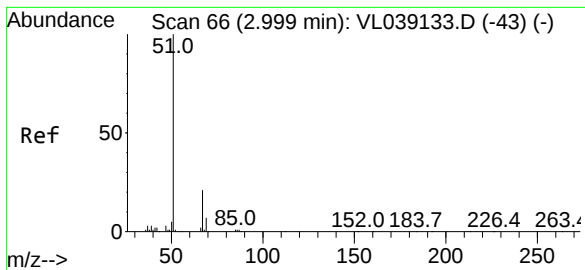


#2
Dichlorodifluoromethane
Concen: 11.293 ppbv
RT: 3.050 min Scan# 82
Delta R.T. -0.010 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44



Tgt Ion: 85 Resp: 2494632
Ion Ratio Lower Upper
85 100
87 33.0 26.9 40.3





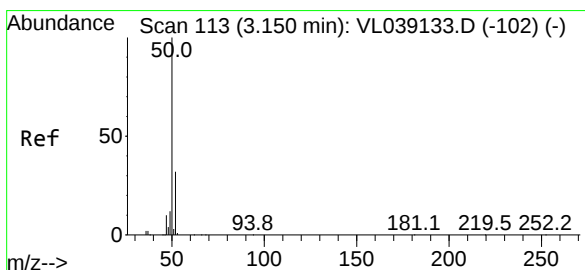
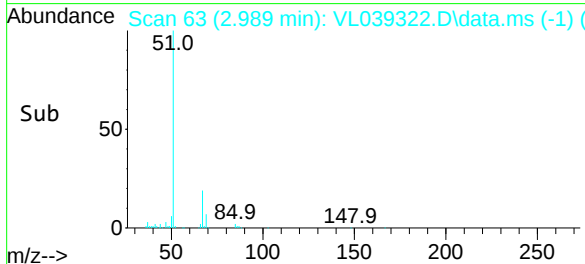
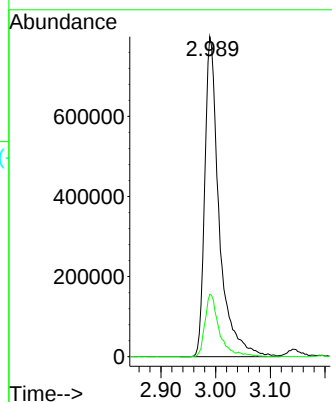
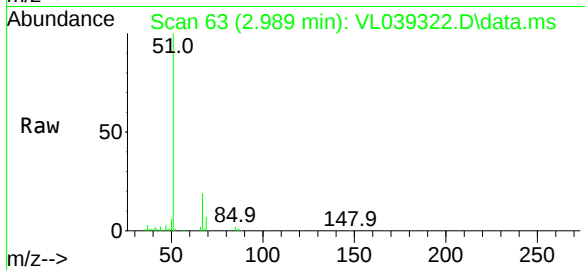
#3
Chlorodifluoromethane
Concen: 9.125 ppbv
RT: 2.989 min Scan# 61
Delta R.T. -0.010 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01

Tgt Ion: 51 Resp: 146014
Ion Ratio Lower Upper
51 100
67 19.7 16.2 24.4

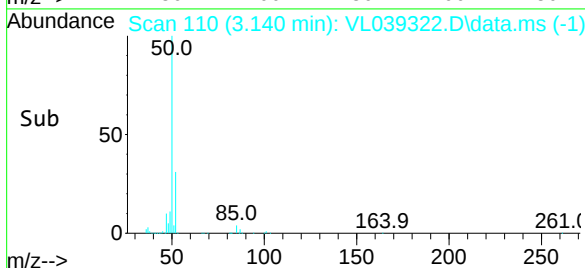
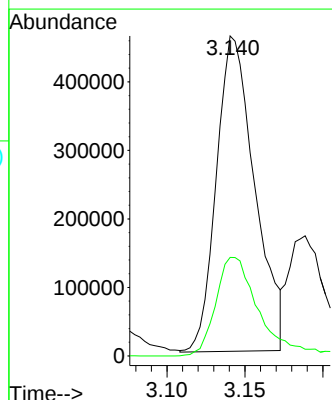
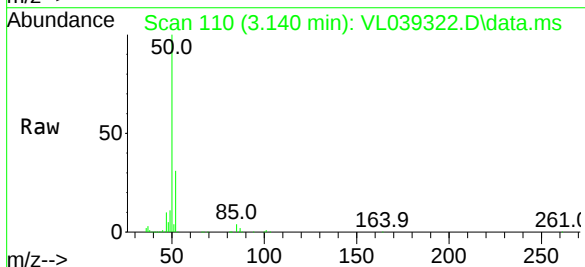
Manual Integrations
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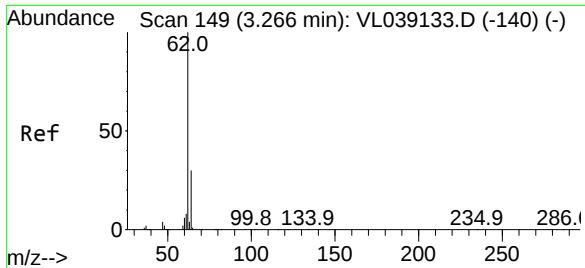
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#4
Chloromethane
Concen: 9.623 ppbv
RT: 3.140 min Scan# 110
Delta R.T. -0.010 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

Tgt Ion: 50 Resp: 790972
Ion Ratio Lower Upper
50 100
52 31.3 25.9 38.9





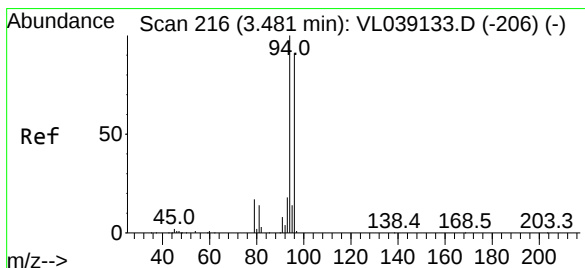
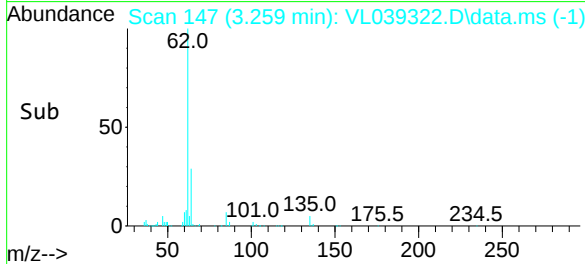
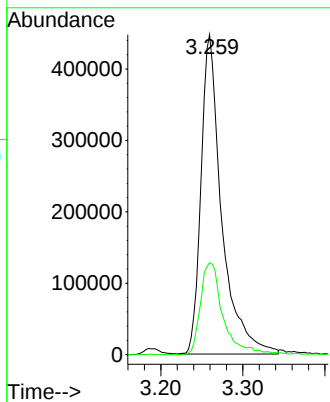
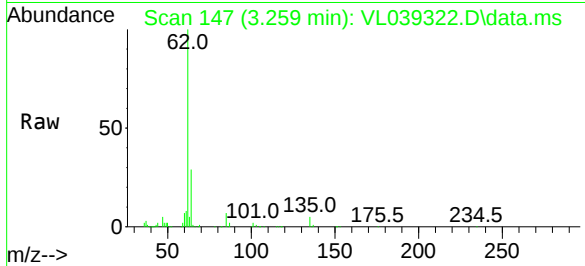
#5
 Vinyl Chloride
 Concen: 10.177 ppbv
 RT: 3.259 min Scan# 149
 Delta R.T. -0.006 min
 Lab File: VL039322.D
 Acq: 22 Jun 2022 15:44

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0622ABS01

Tgt Ion: 62 Resp: 781959
 Ion Ratio Lower Upper
 62 100
 64 28.8 24.2 36.2

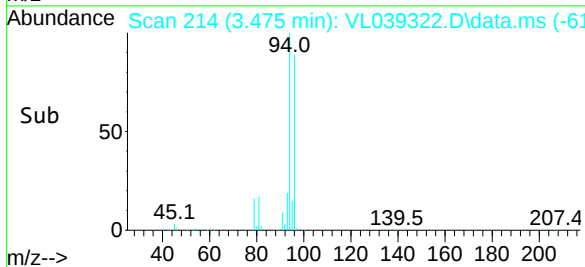
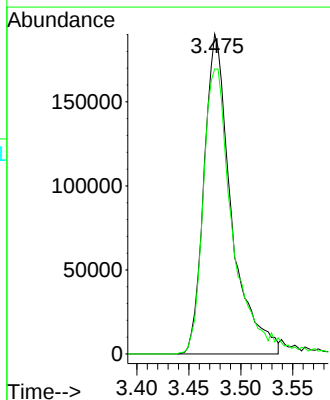
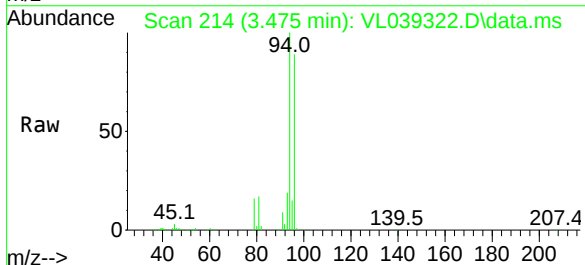
Manual Integrations
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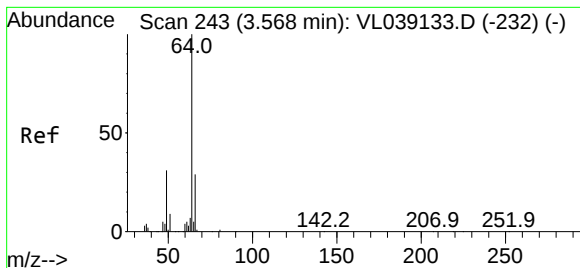
Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022



#6
 Bromomethane
 Concen: 9.161 ppbv
 RT: 3.475 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VL039322.D
 Acq: 22 Jun 2022 15:44

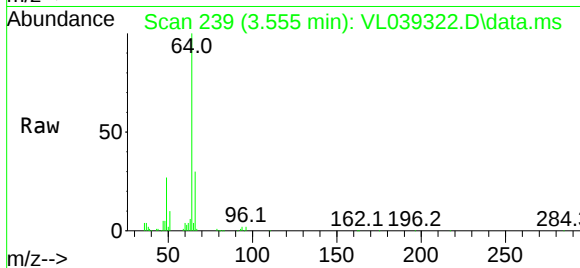
Tgt Ion: 94 Resp: 346282
 Ion Ratio Lower Upper
 94 100
 96 88.8 73.0 109.4





#7
Chloroethane
Concen: 10.688 ppbv
RT: 3.555 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

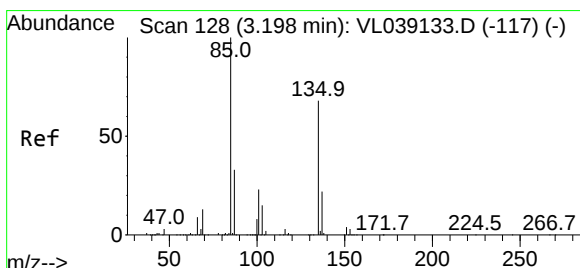
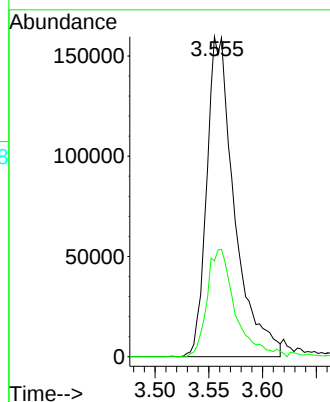
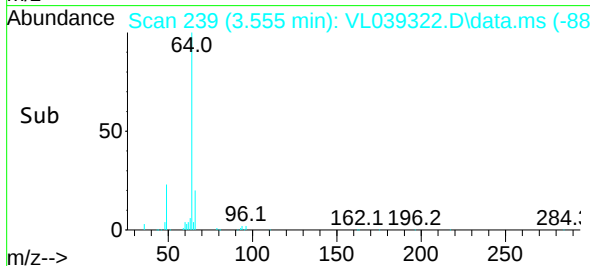
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



Tgt Ion: 64 Resp: 286150
Ion Ratio Lower Upper
64 100
66 29.9 23.6 35.4

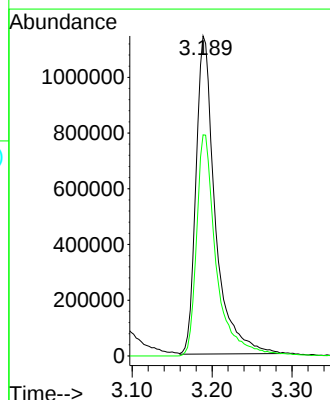
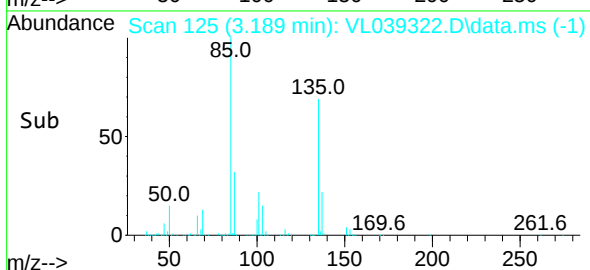
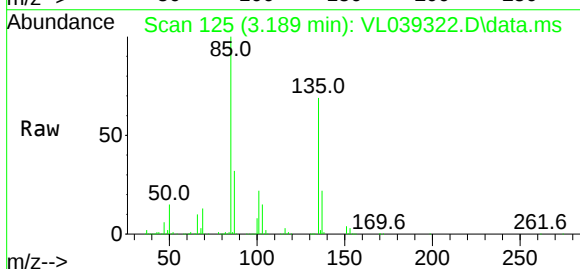
Manual Integrations
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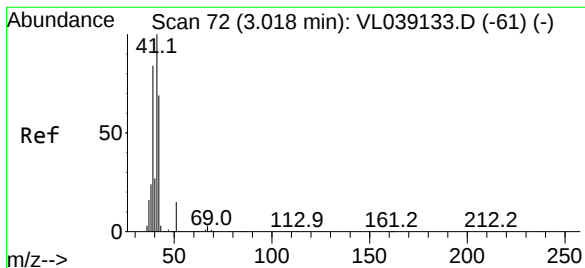
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#8
Dichlorotetrafluoroethane
Concen: 9.494 ppbv
RT: 3.189 min Scan# 125
Delta R.T. -0.010 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

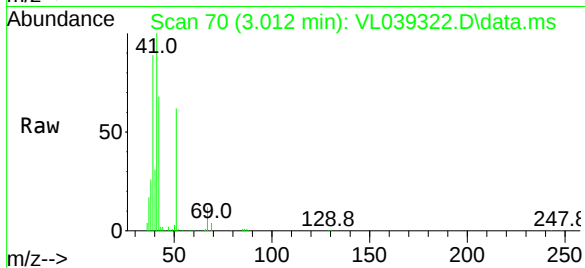
Tgt Ion: 85 Resp: 1916649
Ion Ratio Lower Upper
85 100
135 71.9 55.0 82.4





#9
 Propene
 Concen: 9.327 ppbv
 RT: 3.012 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: VL039322.D
 Acq: 22 Jun 2022 15:44

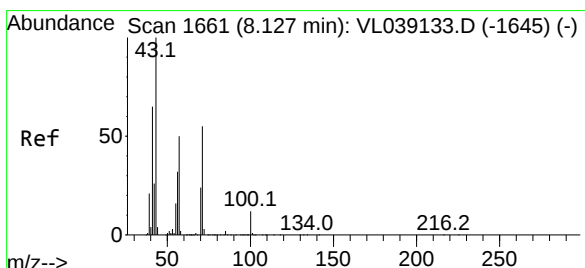
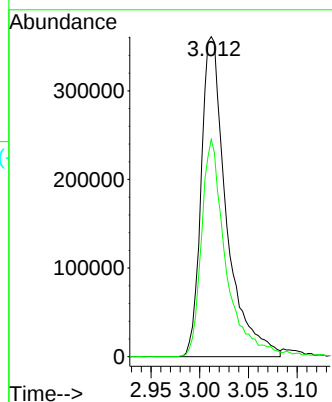
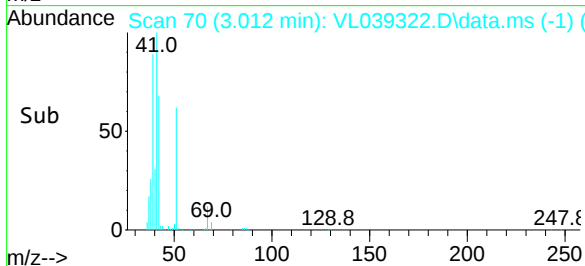
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0622ABS01



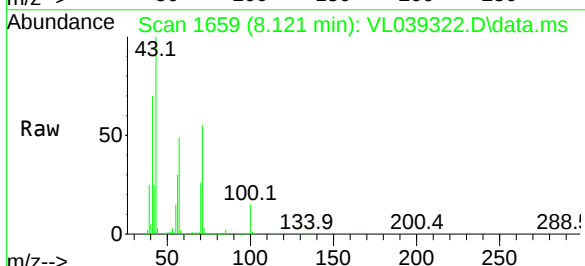
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 Ion Ratio Lower Upper
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 42 66.8 55.4 83.2

Manual Integrations
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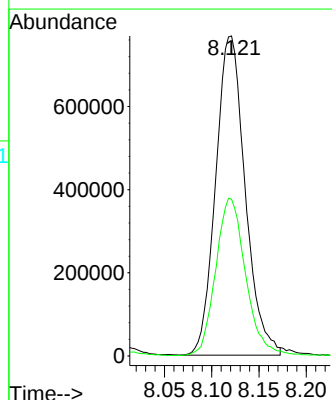
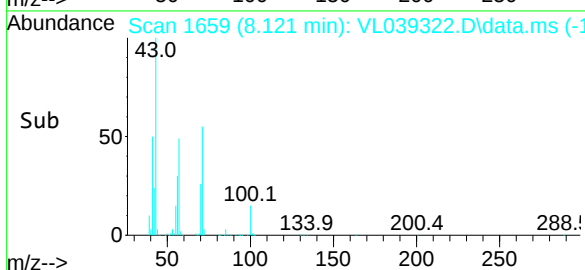
Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022

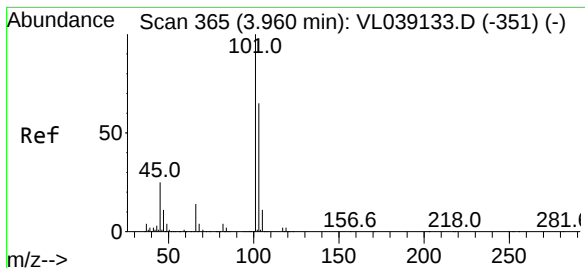


#10
 Heptane
 Concen: 10.237 ppbv
 RT: 8.121 min Scan# 1659
 Delta R.T. -0.006 min
 Lab File: VL039322.D
 Acq: 22 Jun 2022 15:44



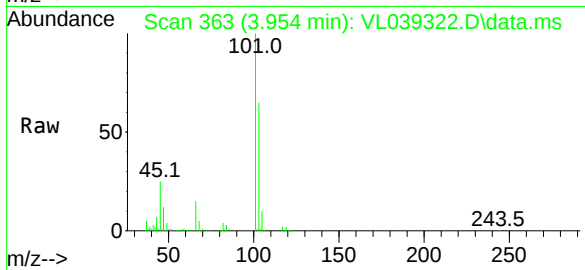
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 Ion Ratio Lower Upper
 43 100
 57 50.3 41.4 62.2





#11
Trichlorofluoromethane
Concen: 9.390 ppbv
RT: 3.954 min Scan# 30
Delta R.T. -0.006 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

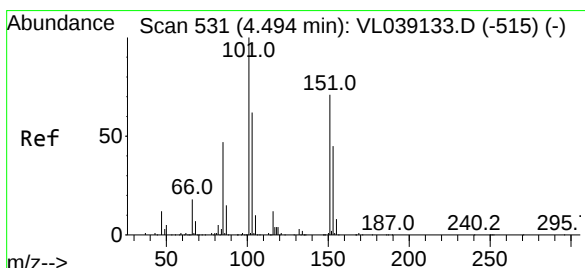
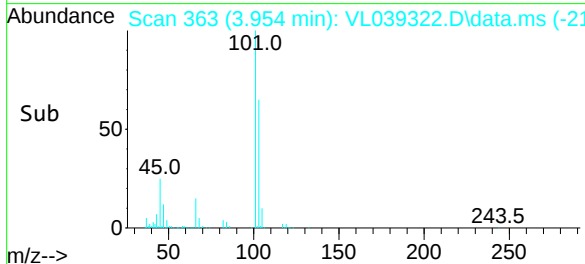
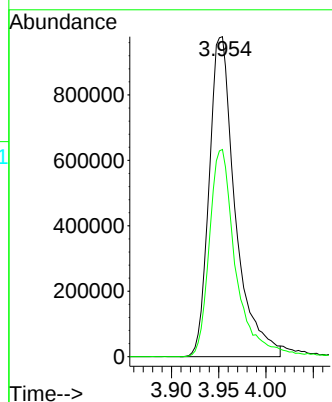
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



Tgt Ion:101 Resp: 1877490
Ion Ratio Lower Upper
101 100
103 64.8 51.7 77.5

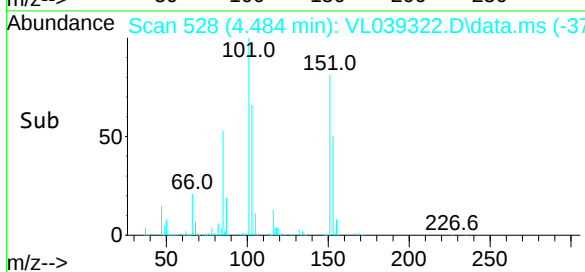
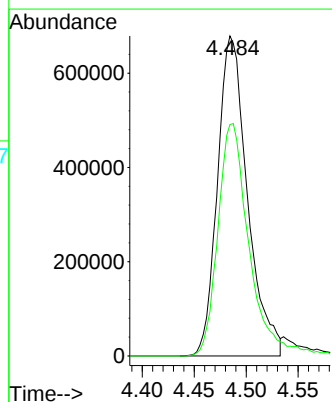
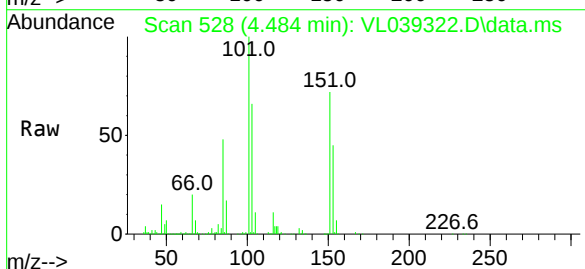
Manual Integrations
APPROVED

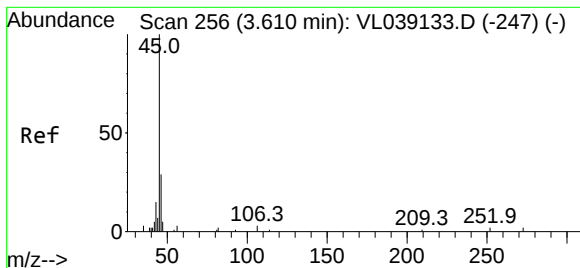
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.286 ppbv
RT: 4.484 min Scan# 528
Delta R.T. -0.010 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

Tgt Ion:101 Resp: 1360069
Ion Ratio Lower Upper
101 100
151 76.6 59.4 89.0





#13

Ethanol

Concen: 9.752 ppbv m

RT: 3.603 min Scan# 210

Delta R.T. -0.006 min

Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

Instrument :

MSVOA_L

ClientSampleId :

VL0622ABS01

Tgt Ion: 45 Resp: 37100

Ion Ratio Lower Upper

45 100

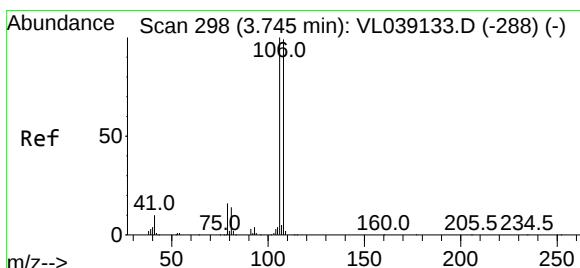
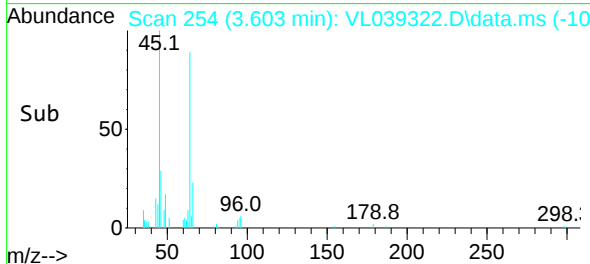
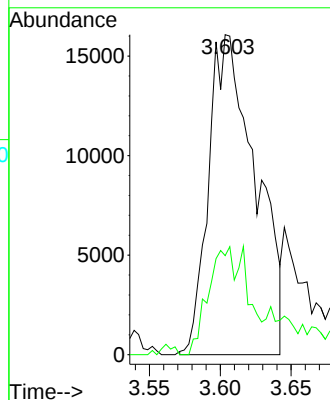
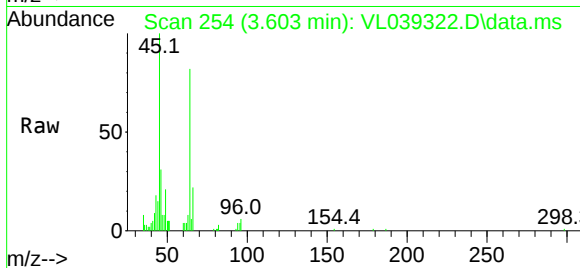
46 40.5 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#14

Bromoethene

Concen: 10.174 ppbv

RT: 3.742 min Scan# 297

Delta R.T. -0.003 min

Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

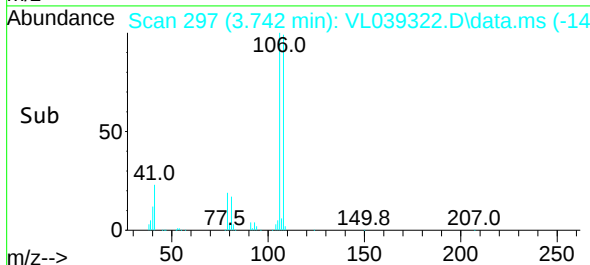
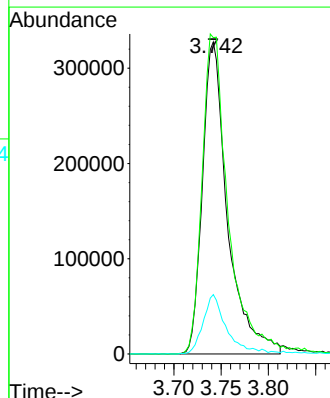
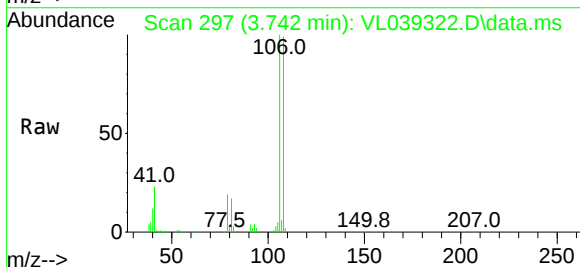
Tgt Ion:108 Resp: 604777

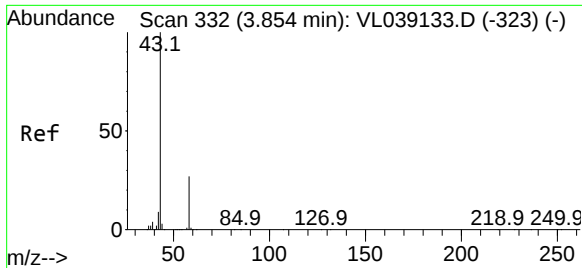
Ion Ratio Lower Upper

108 100

106 108.5 88.4 132.6

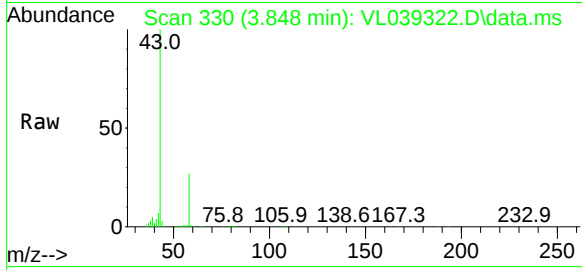
79 18.7 13.4 20.2





#15
Acetone
Concen: 10.318 ppbv
RT: 3.848 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

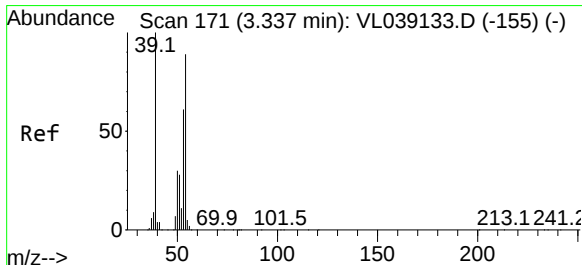
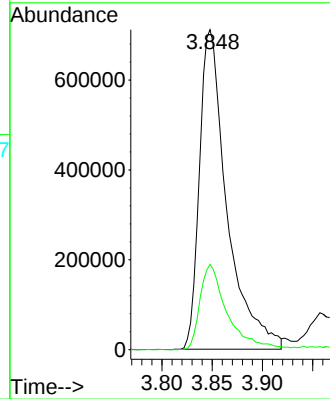
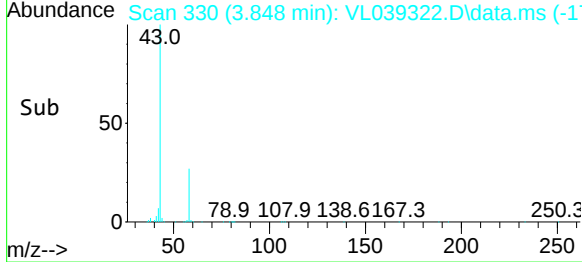
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



Tgt Ion: 43 Resp: 1351740
Ion Ratio Lower Upper
43 100
58 26.5 22.5 33.7

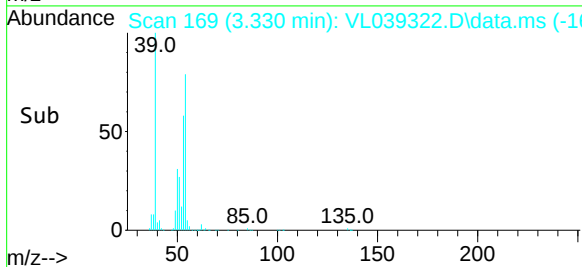
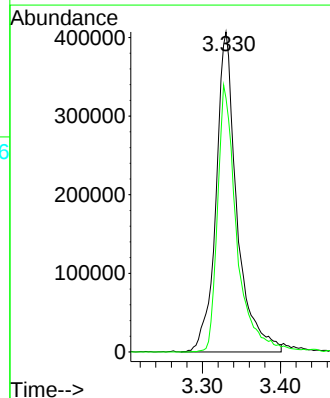
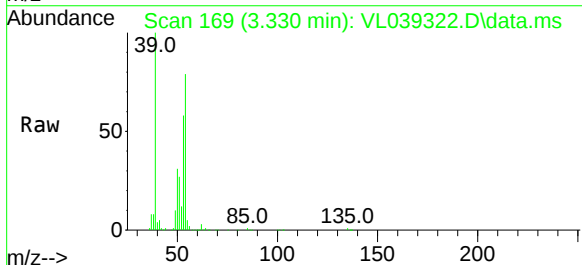
Manual Integrations
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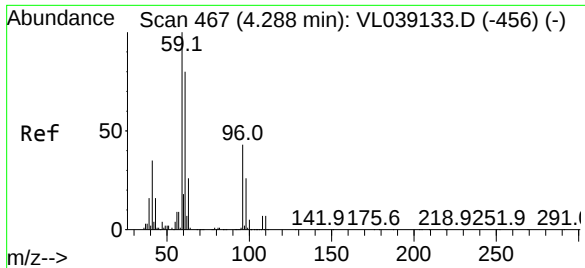
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#16
1,3-Butadiene
Concen: 10.801 ppbv
RT: 3.330 min Scan# 169
Delta R.T. -0.006 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

Tgt Ion: 39 Resp: 760610
Ion Ratio Lower Upper
39 100
54 77.4 65.8 98.6





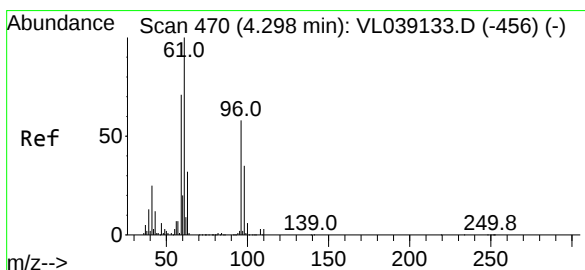
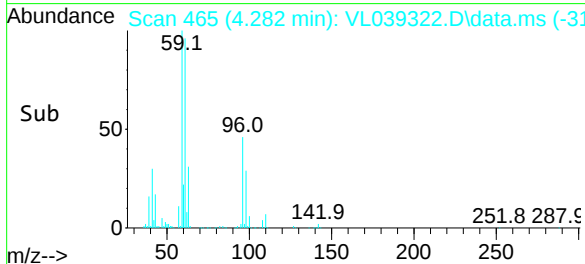
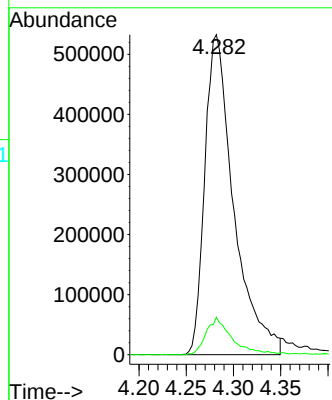
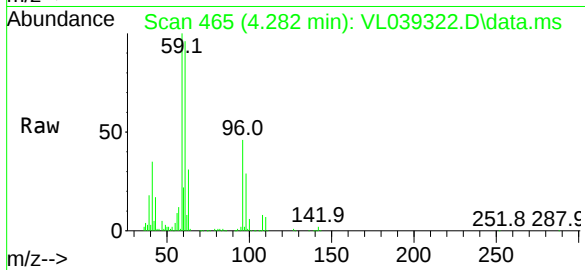
#17
tert-Butyl alcohol
Concen: 11.158 ppbv
RT: 4.282 min Scan# 467
Delta R.T. -0.006 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01

Tgt Ion: 59 Resp: 1133770
Ion Ratio Lower Upper
59 100
57 10.8 9.1 13.7

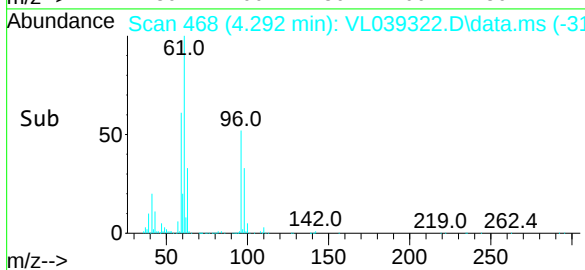
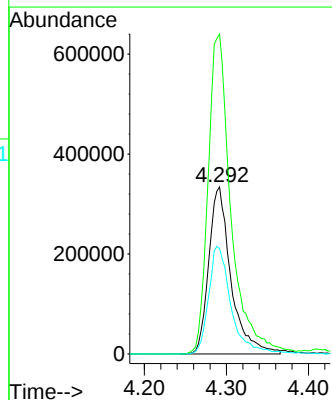
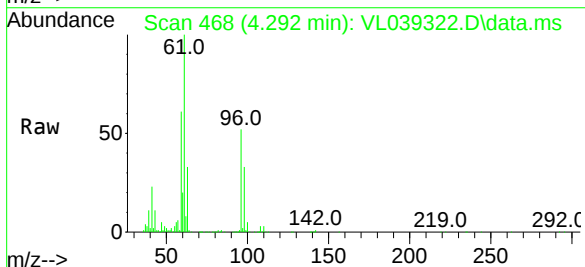
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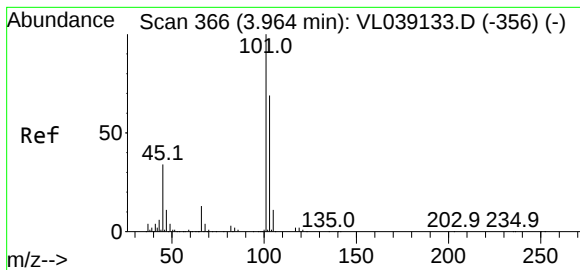
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#18
1,1-Dichloroethene
Concen: 10.618 ppbv
RT: 4.292 min Scan# 468
Delta R.T. -0.006 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

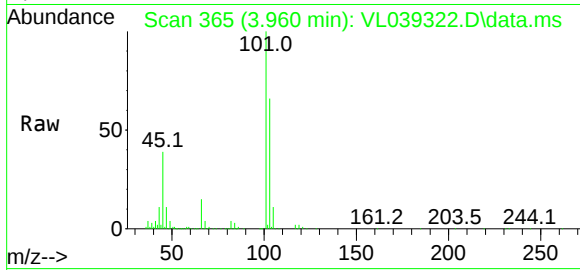
Tgt Ion: 96 Resp: 629821
Ion Ratio Lower Upper
96 100
61 191.6 138.4 207.6
98 63.1 47.8 71.8





#19
Isopropyl Alcohol
Concen: 10.324 ppbv
RT: 3.960 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

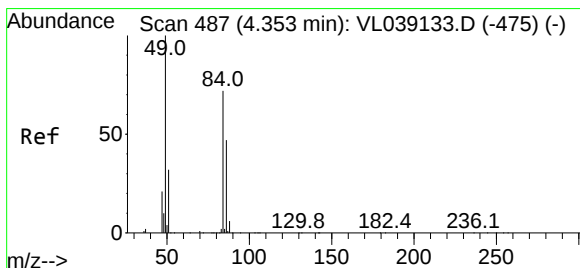
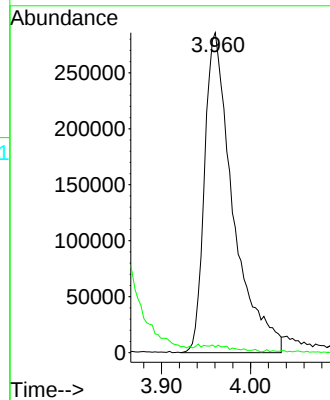
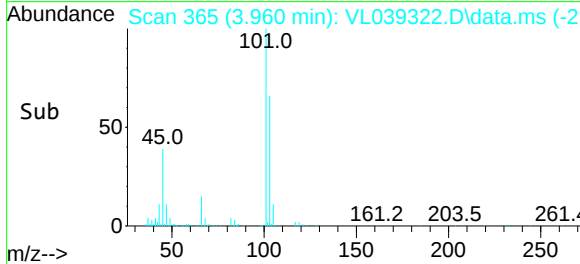
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



Tgt Ion: 45 Resp: 63434
Ion Ratio Lower Upper
45 100
58 2.7 1.8 2.8

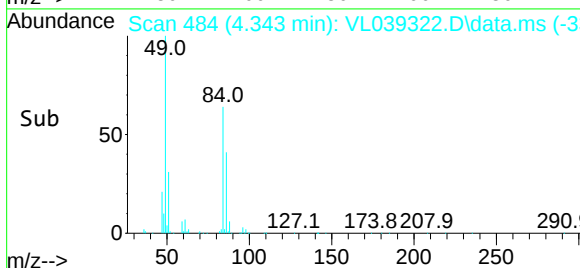
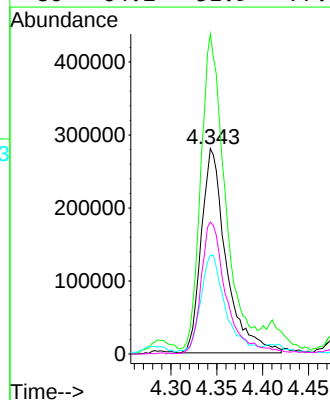
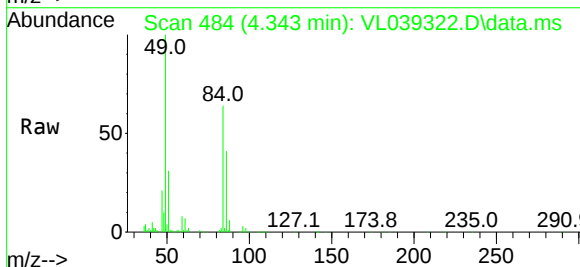
Manual Integrations
APPROVED

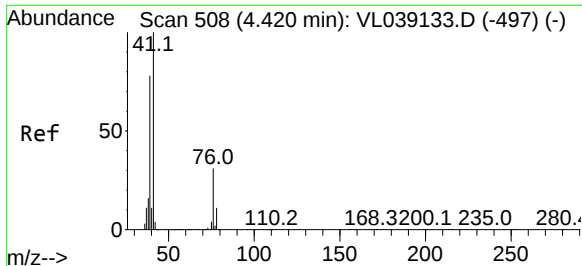
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#20
Methylene Chloride
Concen: 9.603 ppbv
RT: 4.343 min Scan# 484
Delta R.T. -0.010 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

Tgt Ion: 84 Resp: 530126
Ion Ratio Lower Upper
84 100
49 154.1 111.1 166.7
51 46.5 35.3 52.9
86 64.2 51.9 77.9





#21

Allyl Chloride

Concen: 11.450 ppbv

RT: 4.410 min Scan# 508

Delta R.T. -0.010 min

Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

Instrument :

MSVOA_L

ClientSampleId :

VL0622ABS01

Tgt Ion: 41 Resp: 101189

Ion Ratio Lower Upper

41 100

76 28.6 24.2 36.2

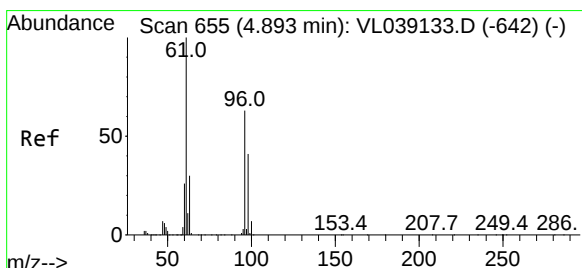
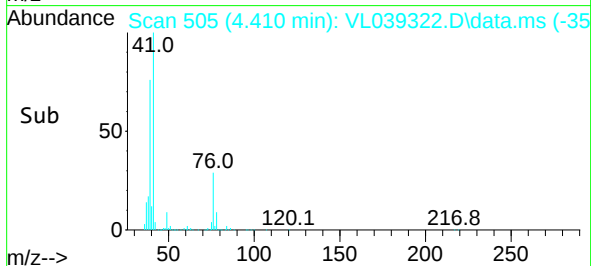
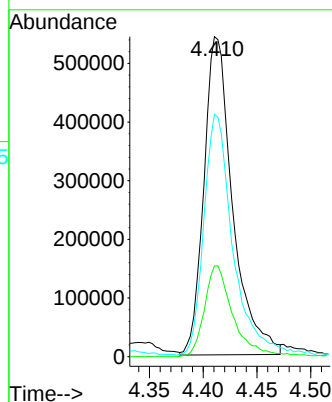
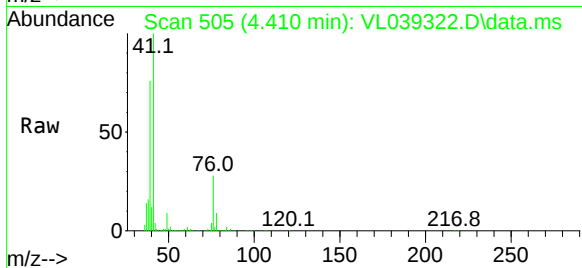
39 77.1 62.2 93.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#22

trans-1,2-Dichloroethene

Concen: 11.620 ppbv

RT: 4.886 min Scan# 653

Delta R.T. -0.006 min

Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

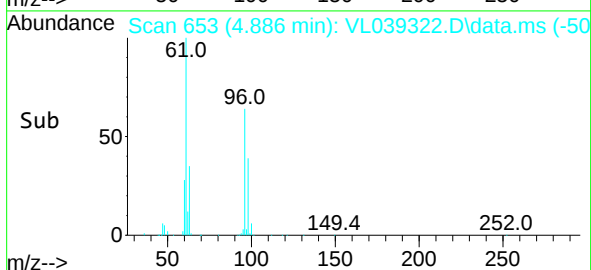
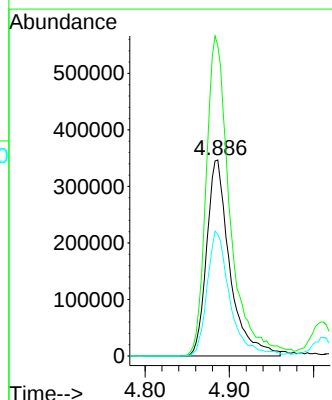
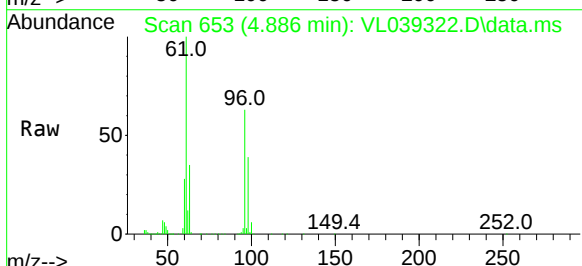
Tgt Ion: 96 Resp: 663161

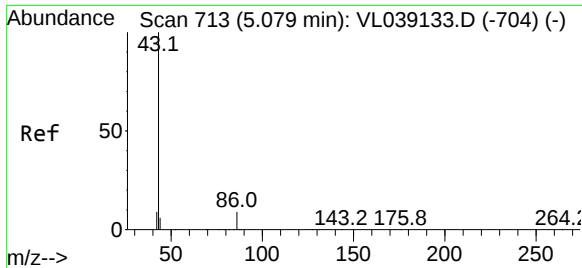
Ion Ratio Lower Upper

96 100

61 158.3 126.6 190.0

98 62.1 52.5 78.7





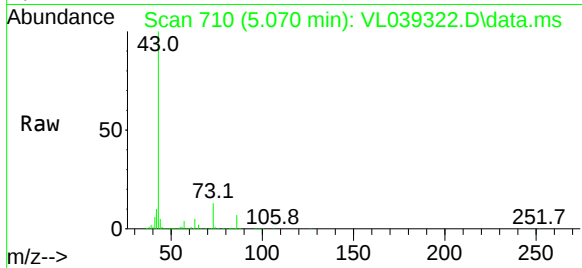
#23
 Vinyl Acetate
 Concen: 11.187 ppbv
 RT: 5.070 min Scan# 713
 Delta R.T. -0.010 min
 Lab File: VL039322.D
 Acq: 22 Jun 2022 15:44

Instrument :

MSVOA_L

ClientSampleId :

VL0622ABS01

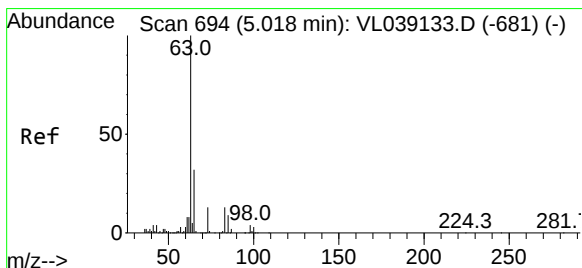
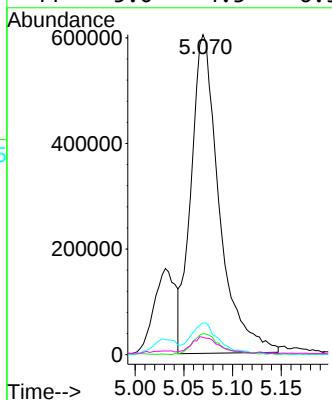
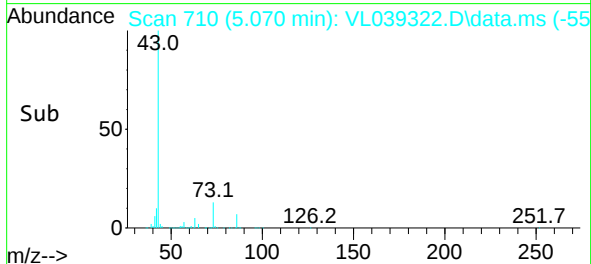


Tgt Ion: 43 Resp: 121250
 Ion Ratio Lower Upper
 43 100
 86 6.6 6.0 9.0
 42 9.8 8.2 12.4
 44 5.0 4.3 6.5

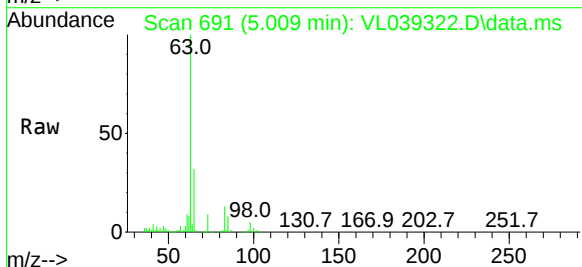
Manual Integrations

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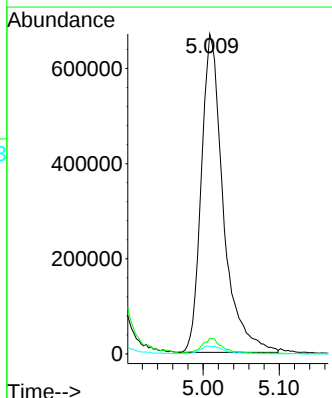
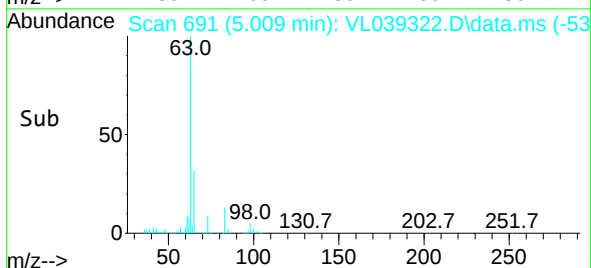
Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022

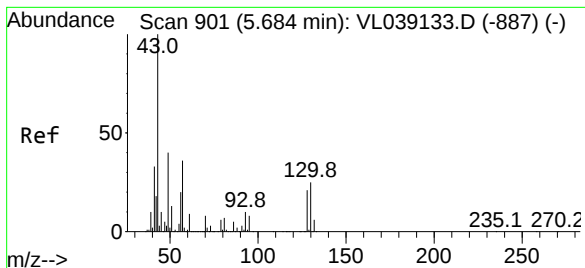


#24
 1,1-Dichloroethane
 Concen: 9.045 ppbv
 RT: 5.009 min Scan# 691
 Delta R.T. -0.010 min
 Lab File: VL039322.D
 Acq: 22 Jun 2022 15:44



Tgt Ion: 63 Resp: 1343323
 Ion Ratio Lower Upper
 63 100
 98 4.8 2.1 6.2
 100 2.4 1.5 4.5





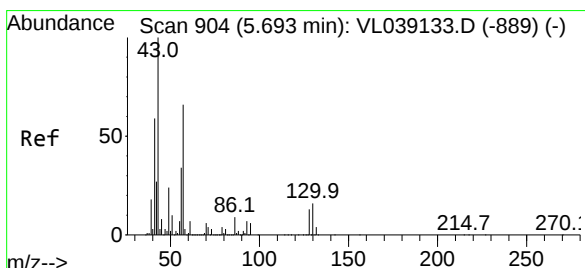
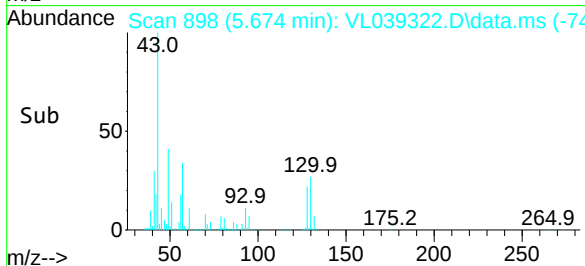
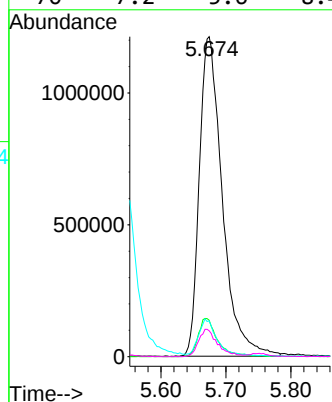
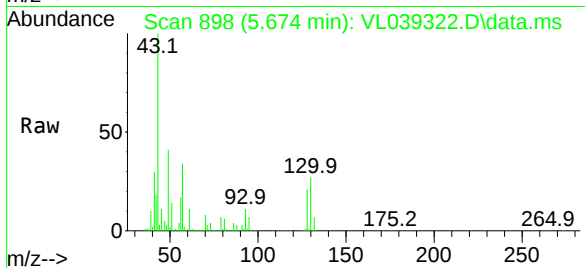
#25
Ethyl Acetate
Concen: 10.122 ppbv
RT: 5.674 min Scan# 898
Delta R.T. -0.010 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01

Tgt Ion: 43 Resp: 298858
Ion Ratio Lower Upper
43 100
45 10.2 8.2 12.2
61 10.1 8.4 12.6
70 7.2 5.6 8.4

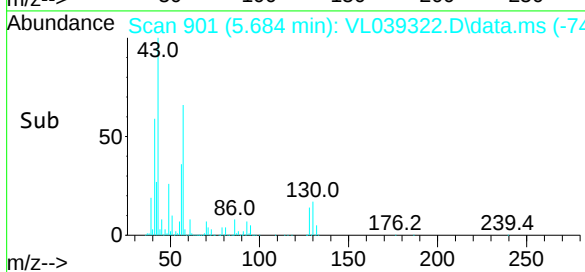
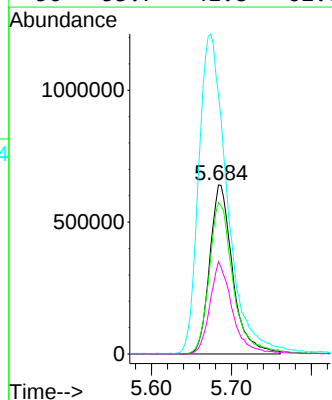
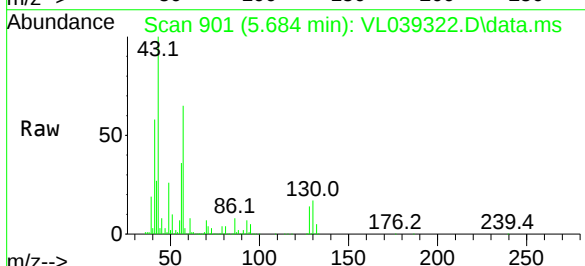
Manual Integrations
APPROVED

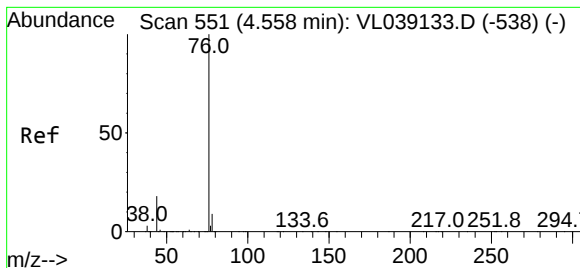
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#26
Hexane
Concen: 9.862 ppbv
RT: 5.684 min Scan# 901
Delta R.T. -0.010 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

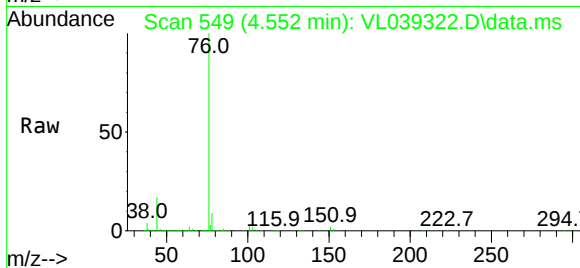
Tgt Ion: 57 Resp: 1279625
Ion Ratio Lower Upper
57 100
41 94.5 72.4 108.6
43 235.7 187.0 280.6
56 53.7 41.8 62.6





#27
Carbon Disulfide
Concen: 11.602 ppbv
RT: 4.552 min Scan# 549
Delta R.T. -0.006 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

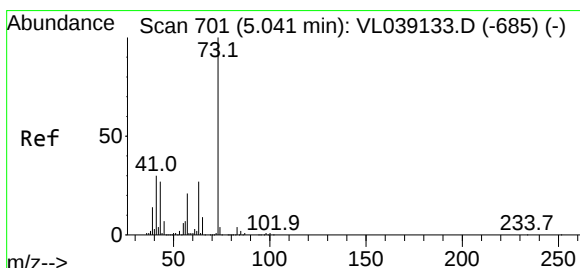
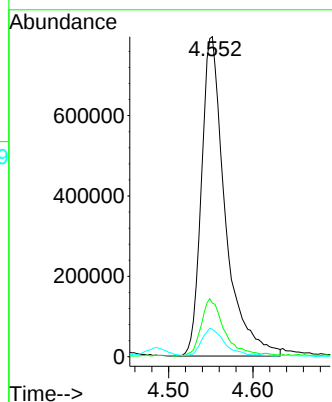
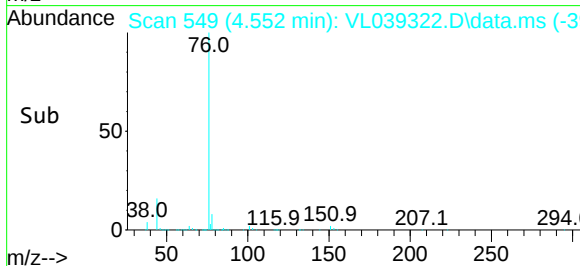
Instrument : MSVOA_L
ClientSampleId : VL0622ABS01



Tgt Ion: 76 Resp: 1560298
Ion Ratio Lower Upper
76 100
44 17.5 14.4 21.6
78 9.6 7.7 11.5

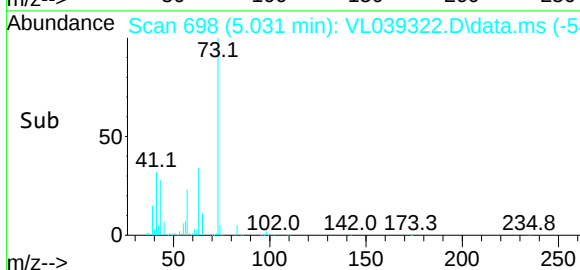
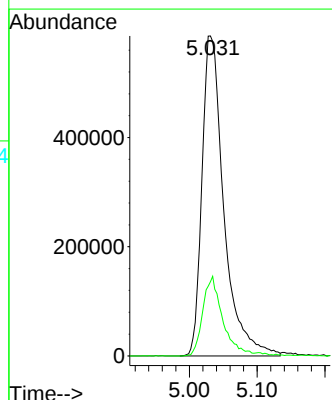
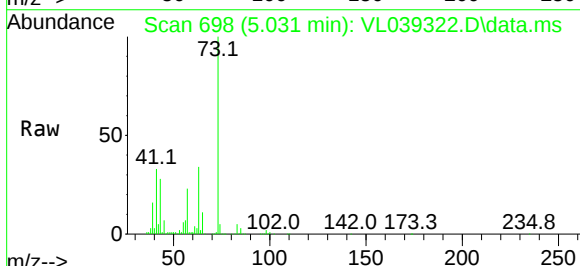
Manual Integrations
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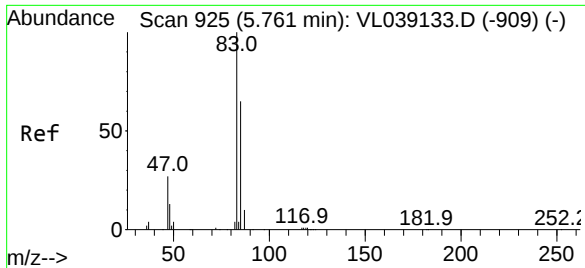
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#28
Methyl tert-Butyl Ether
Concen: 9.176 ppbv
RT: 5.031 min Scan# 698
Delta R.T. -0.010 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

Tgt Ion: 73 Resp: 1314365
Ion Ratio Lower Upper
73 100
57 23.5 18.6 27.8





#29

Chloroform

Concen: 9.206 ppbv

RT: 5.748 min Scan# 91

Delta R.T. -0.013 min

Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

Instrument :

MSVOA_L

ClientSampleId :

VL0622ABS01

Tgt Ion: 83 Resp: 201009

Ion Ratio Lower Upper

83 100

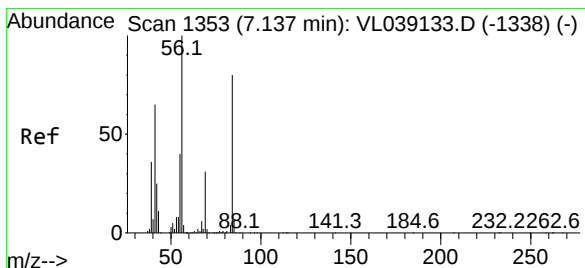
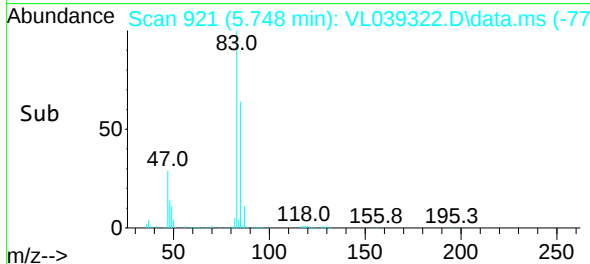
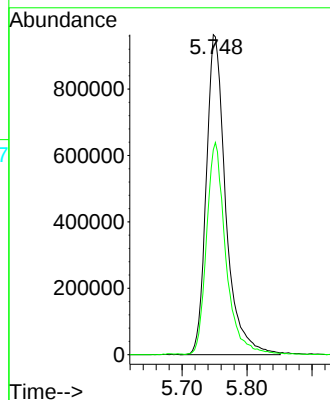
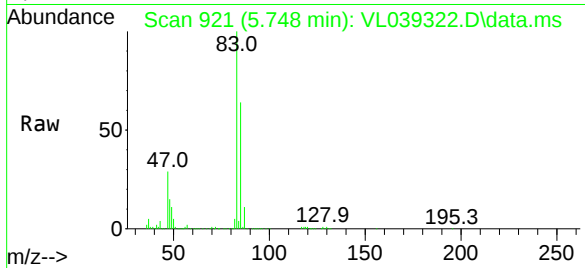
85 63.8 52.4 78.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#30

Cyclohexane

Concen: 10.103 ppbv

RT: 7.131 min Scan# 1351

Delta R.T. -0.006 min

Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

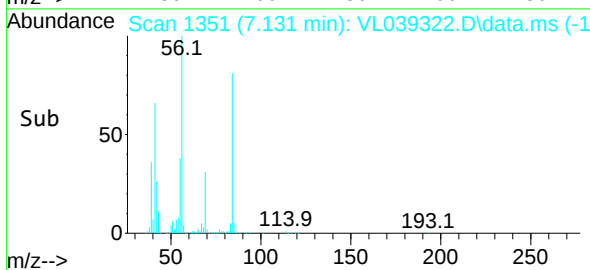
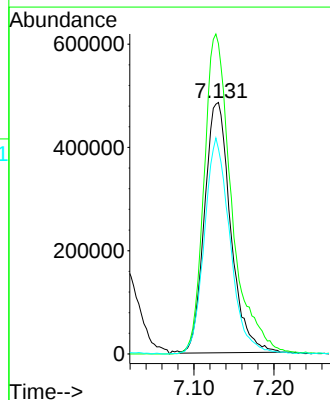
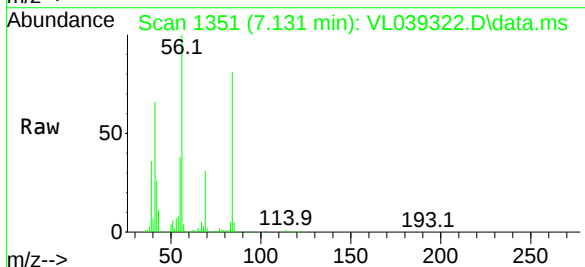
Tgt Ion: 84 Resp: 1101261

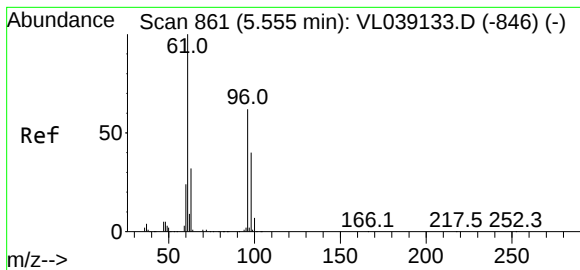
Ion Ratio Lower Upper

84 100

56 136.0 110.6 165.8

41 85.7 68.9 103.3





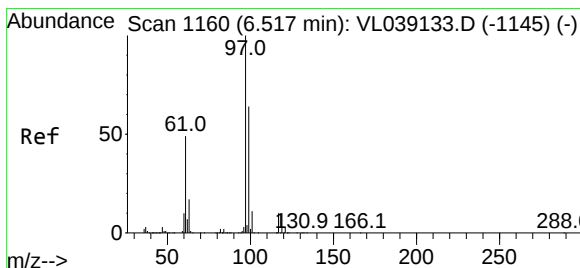
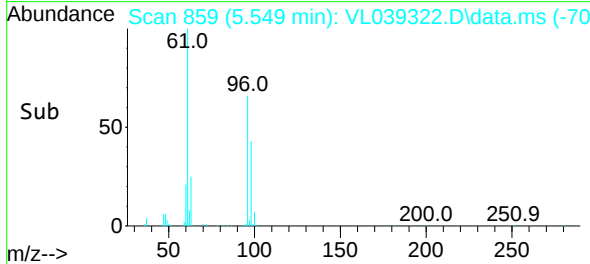
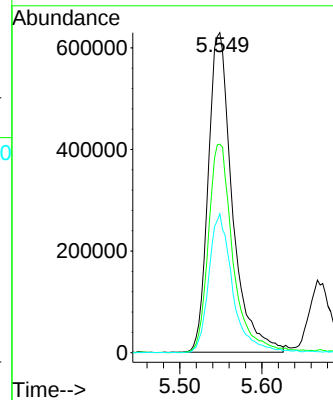
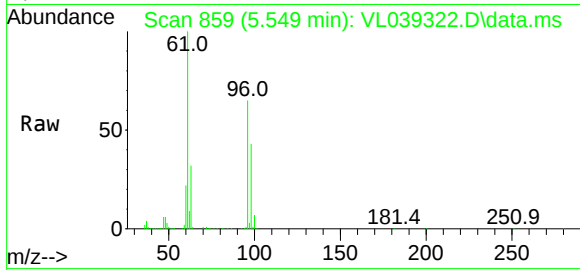
#31
cis-1,2-Dichloroethene
Concen: 9.711 ppbv
RT: 5.549 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01

Tgt Ion: 61 Resp: 128478
Ion Ratio Lower Upper
61 100
96 65.2 49.9 74.9
98 43.4 32.0 48.0

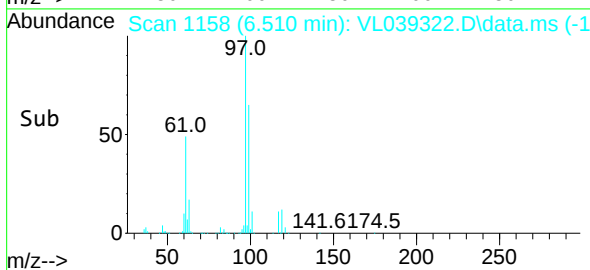
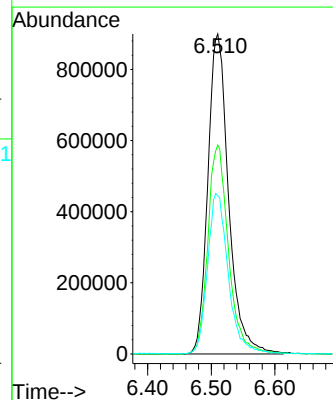
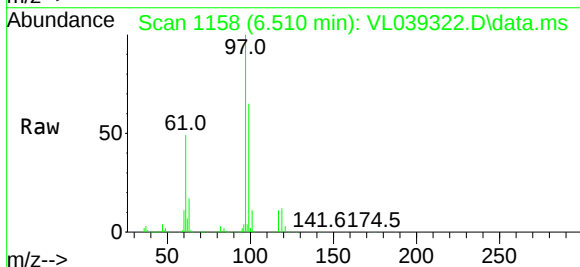
Manual Integrations
APPROVED

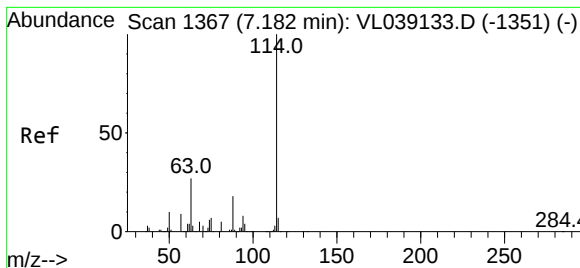
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#32
1,1,1-Trichloroethane
Concen: 9.545 ppbv
RT: 6.510 min Scan# 1158
Delta R.T. -0.006 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

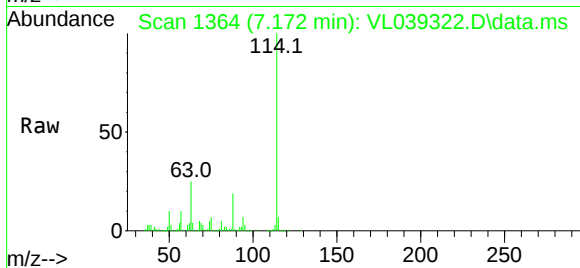
Tgt Ion: 97 Resp: 2039295
Ion Ratio Lower Upper
97 100
99 65.2 52.1 78.1
61 50.3 40.0 60.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.172 min Scan# 114
Delta R.T. -0.010 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

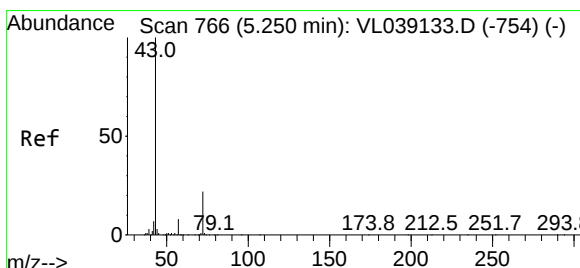
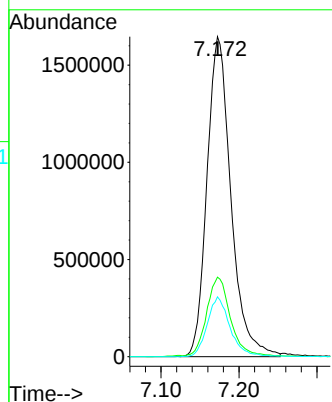
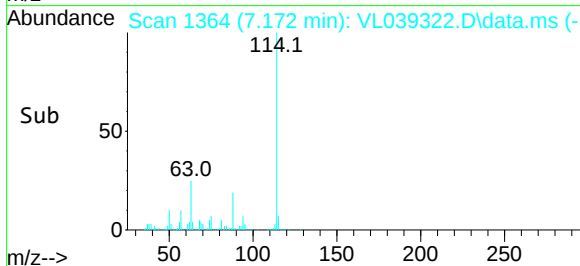
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



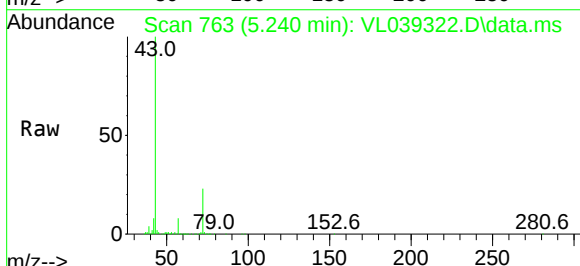
Tgt Ion:114 Resp: 351458
Ion Ratio Lower Upper
114 100
63 25.2 21.7 32.5
88 18.0 14.8 22.2

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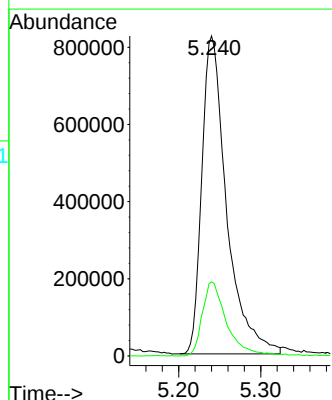
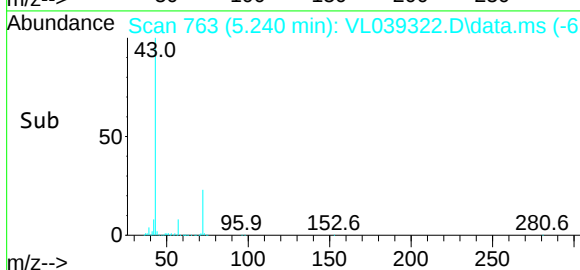
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

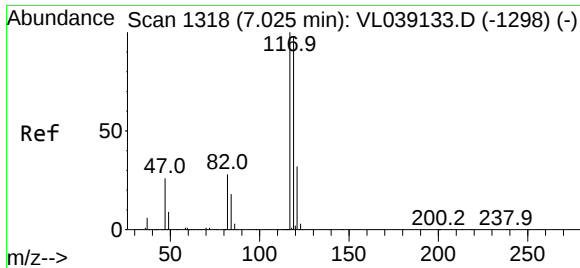


#34
2-Butanone
Concen: 9.066 ppbv
RT: 5.240 min Scan# 763
Delta R.T. -0.010 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44



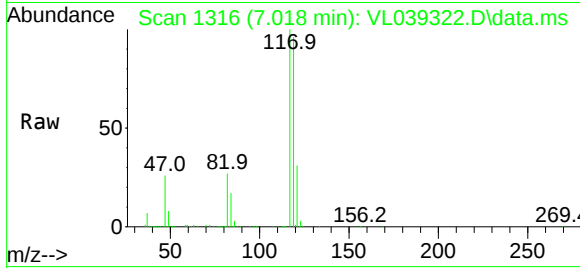
Tgt Ion: 43 Resp: 1731015
Ion Ratio Lower Upper
43 100
72 23.3 18.2 27.2





#35
Carbon Tetrachloride
Concen: 8.182 ppbv
RT: 7.018 min Scan# 117
Delta R.T. -0.006 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

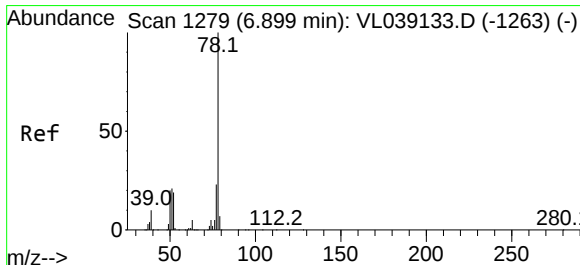
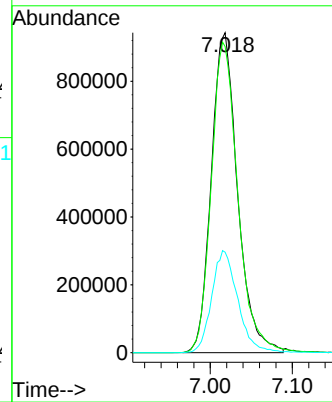
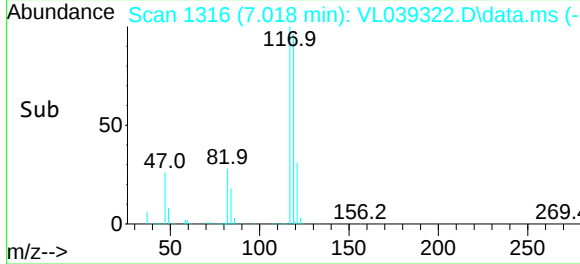
Instrument : MSVOA_L
ClientSampleId : VL0622ABS01



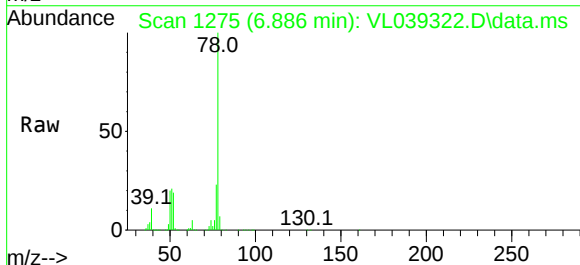
Tgt Ion: 117 Resp: 209894
Ion Ratio Lower Upper
117 100
119 95.6 78.6 118.0
121 31.3 25.4 38.0

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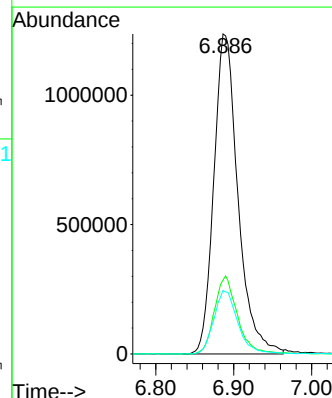
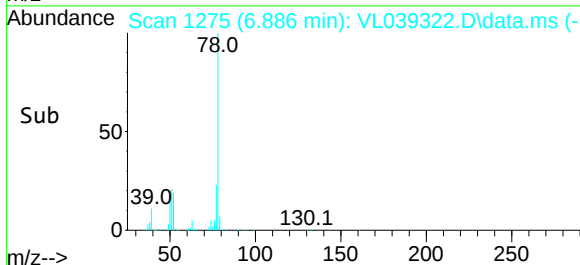
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

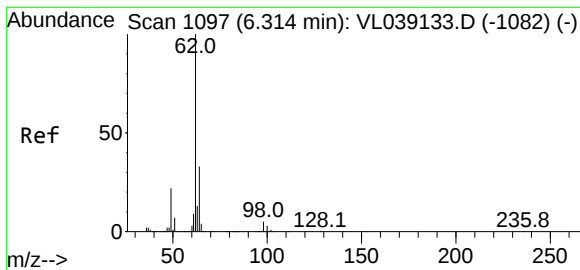


#36
Benzene
Concen: 9.307 ppbv
RT: 6.886 min Scan# 1275
Delta R.T. -0.013 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44



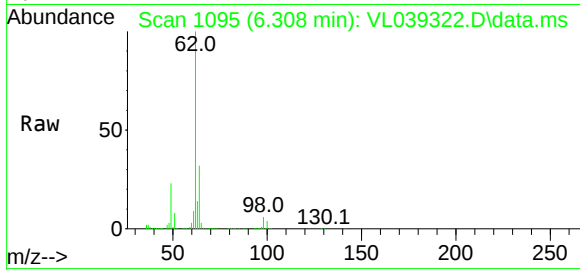
Tgt Ion: 78 Resp: 2655517
Ion Ratio Lower Upper
78 100
77 23.1 18.6 27.8
50 19.8 15.8 23.8





#37
1,2-Dichloroethane
Concen: 8.105 ppbv
RT: 6.308 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

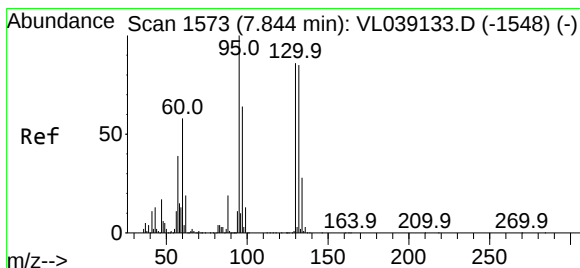
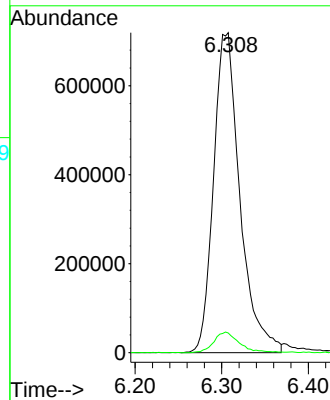
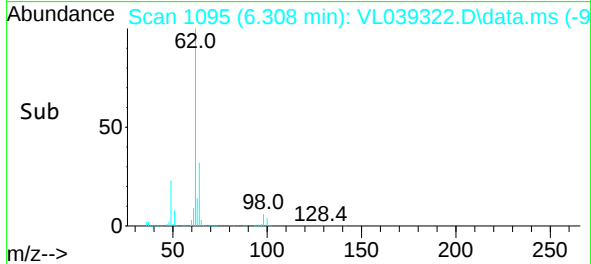
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



Tgt Ion: 62 Resp: 1522000
Ion Ratio Lower Upper
62 100
98 6.4 4.3 6.5

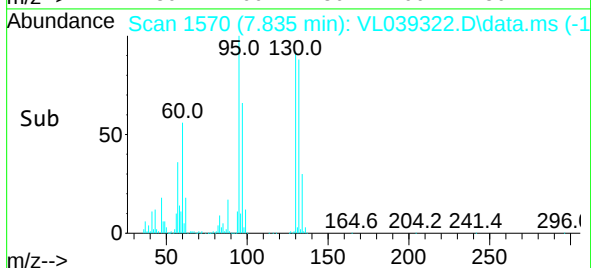
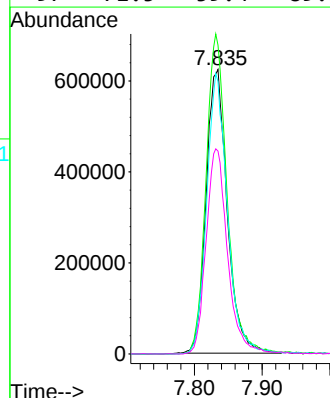
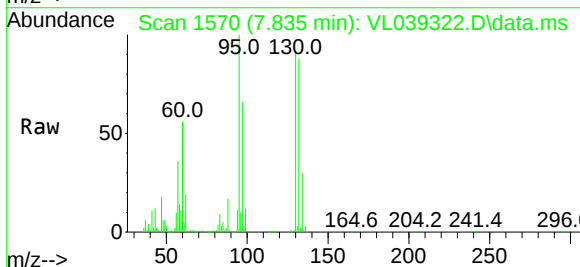
Manual Integrations
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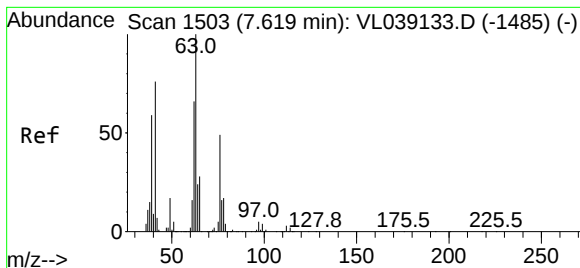
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#38
Trichloroethene
Concen: 10.315 ppbv
RT: 7.835 min Scan# 1570
Delta R.T. -0.010 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

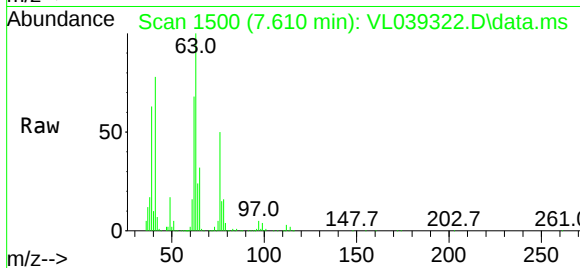
Tgt Ion:130 Resp: 1351849
Ion Ratio Lower Upper
130 100
95 108.7 93.3 139.9
132 95.9 79.0 118.4
97 71.5 59.4 89.2





#39
1,2-Dichloropropane
Concen: 8.861 ppbv
RT: 7.610 min Scan# 11
Delta R.T. -0.010 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

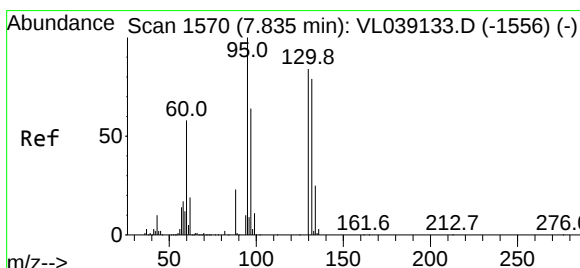
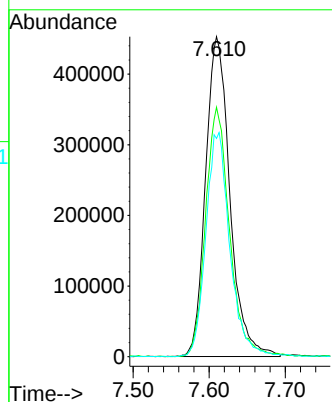
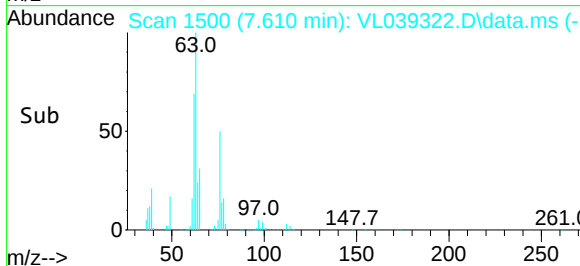
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



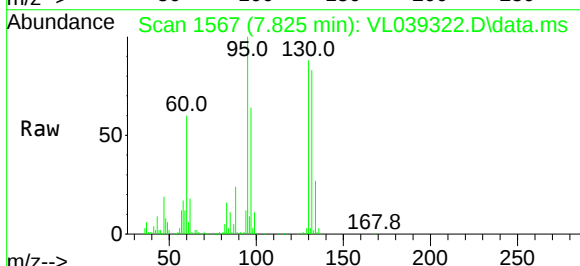
Tgt Ion: 63 Resp: 100567
Ion Ratio Lower Upper
63 100
41 77.9 60.8 91.2
62 68.1 52.9 79.3

Manual Integrations
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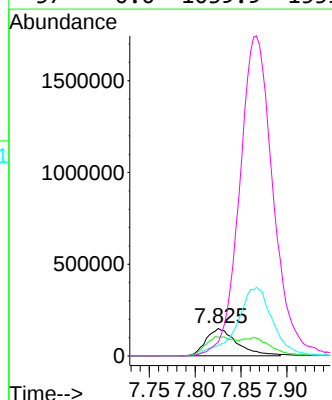
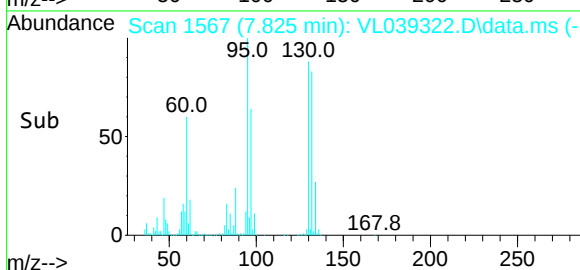
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

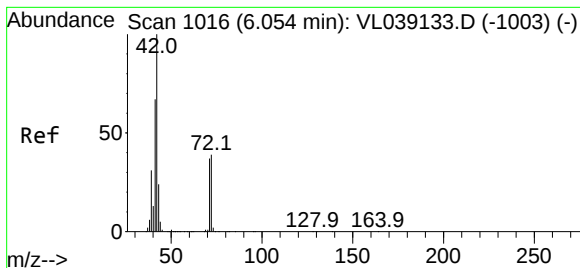


#40
1,4-Dioxane
Concen: 9.337 ppbv
RT: 7.825 min Scan# 1567
Delta R.T. -0.010 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44



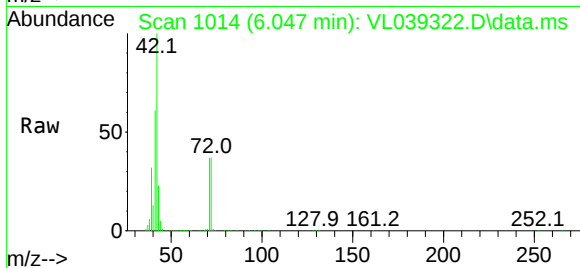
Tgt Ion: 88 Resp: 348857
Ion Ratio Lower Upper
88 100
58 62.7 111.2 166.8#
43 0.0 234.2 351.4#
57 0.0 1039.9 1559.9#





#41
Tetrahydrofuran
Concen: 9.059 ppbv
RT: 6.047 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

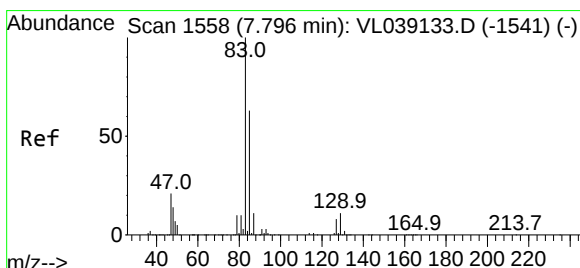
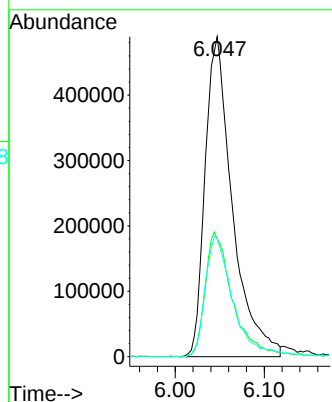
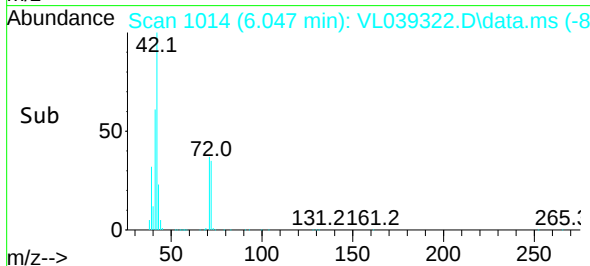
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



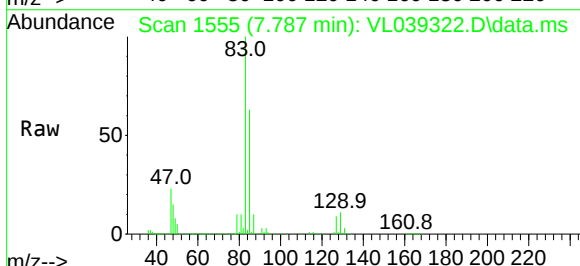
Tgt Ion: 42 Resp: 1040329
Ion Ratio Lower Upper
42 100
72 39.8 32.0 48.0
71 38.8 31.1 46.7

Manual Integrations
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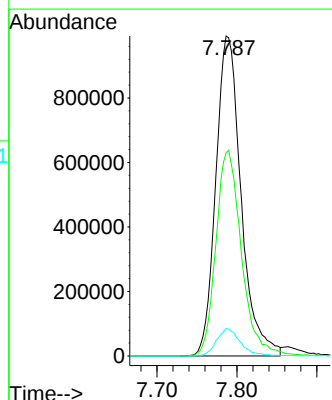
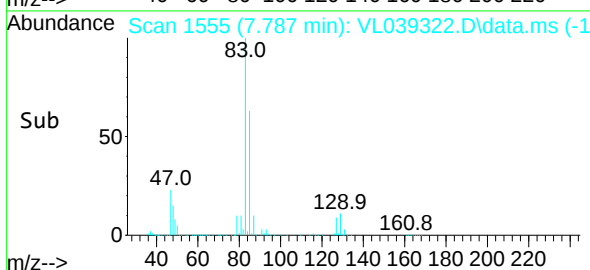
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

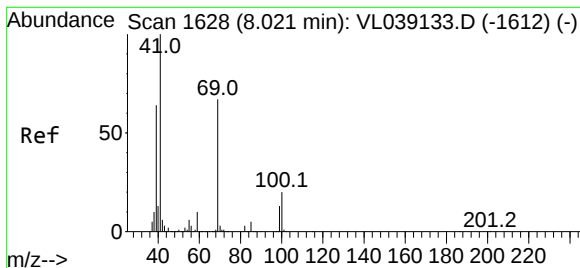


#42
Bromodichloromethane
Concen: 8.347 ppbv
RT: 7.787 min Scan# 1555
Delta R.T. -0.010 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44



Tgt Ion: 83 Resp: 2175441
Ion Ratio Lower Upper
83 100
85 63.5 50.2 75.4
127 8.6 6.6 9.8





#43

Methyl Methacrylate

Concen: 9.657 ppbv

RT: 8.008 min Scan# 1

Delta R.T. -0.013 min

Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

Instrument :

MSVOA_L

ClientSampleId :

VL0622ABS01

Tgt Ion: 69 Resp: 107325

Ion Ratio Lower Upper

69 100

41 150.9 121.9 182.9

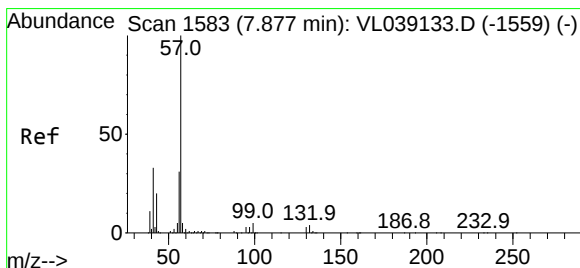
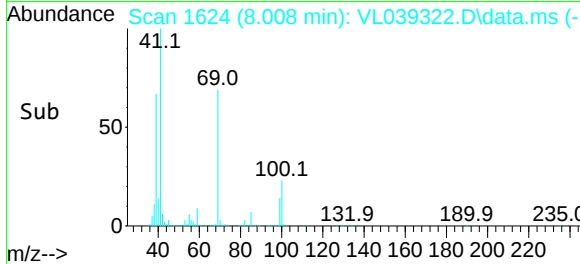
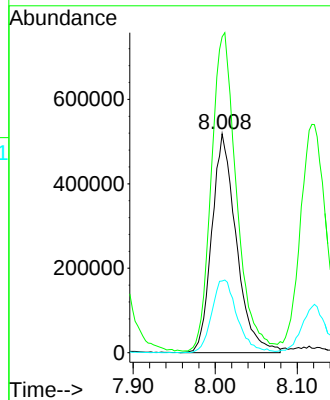
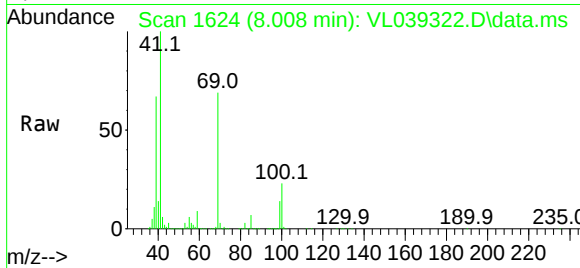
100 34.5 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#44

2,2,4-Trimethylpentane

Concen: 8.915 ppbv

RT: 7.867 min Scan# 1580

Delta R.T. -0.010 min

Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

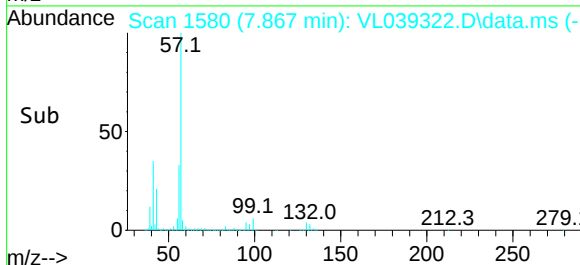
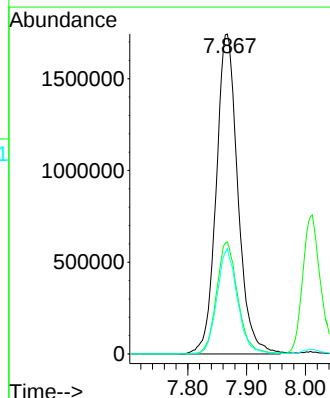
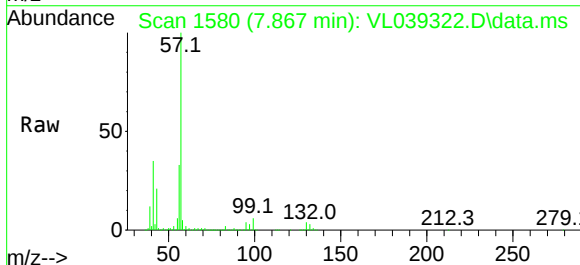
Tgt Ion: 57 Resp: 4450145

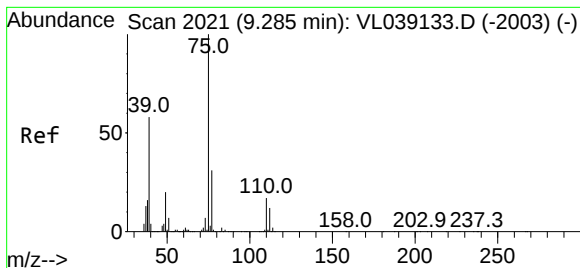
Ion Ratio Lower Upper

57 100

41 34.5 26.2 39.4

56 31.3 24.7 37.1





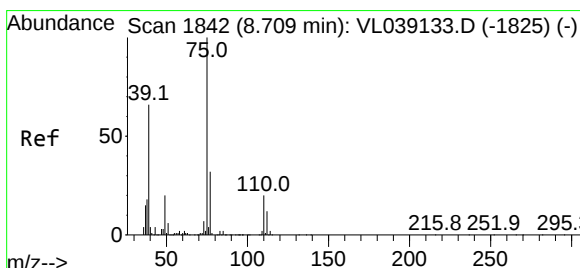
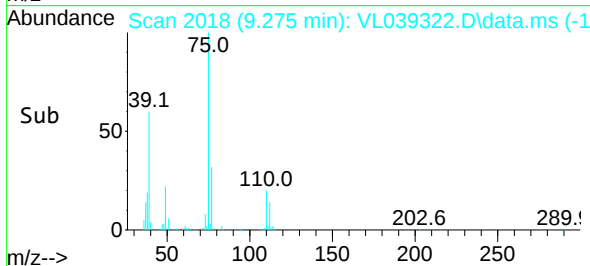
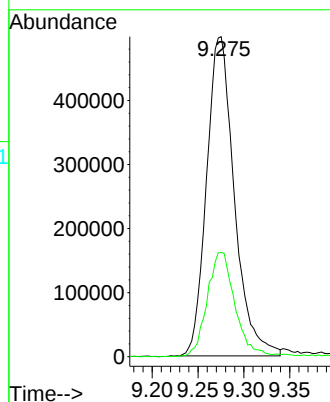
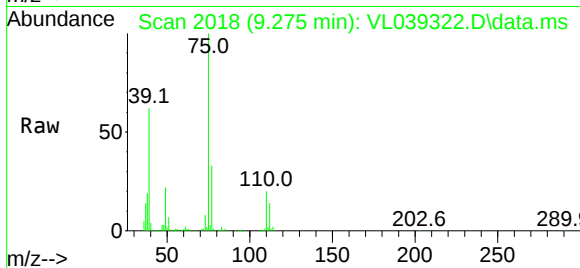
#45
t-1,3-Dichloropropene
Concen: 9.069 ppbv
RT: 9.275 min Scan# 2021
Delta R.T. -0.010 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01

Tgt Ion: 75 Resp: 1049786
Ion Ratio Lower Upper
75 100
77 32.6 24.4 36.6

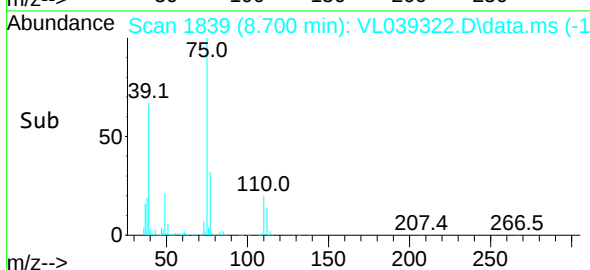
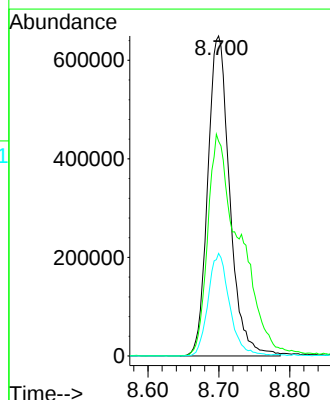
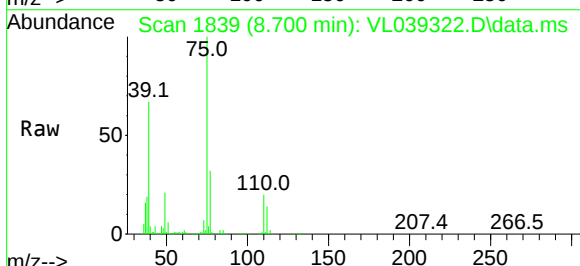
Manual Integrations
APPROVED

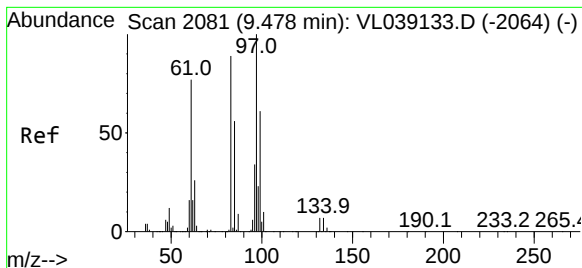
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#46
cis-1,3-Dichloropropene
Concen: 9.130 ppbv
RT: 8.700 min Scan# 1839
Delta R.T. -0.010 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

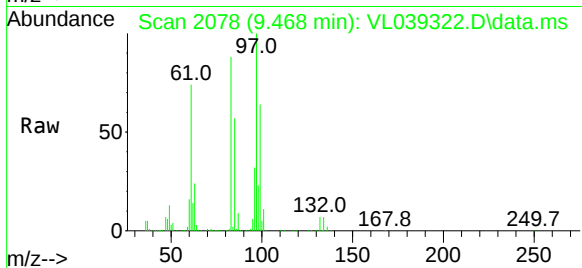
Tgt Ion: 75 Resp: 1396044
Ion Ratio Lower Upper
75 100
39 66.9 52.4 78.6
77 32.1 25.5 38.3





#47
1,1,2-Trichloroethane
Concen: 9.354 ppbv
RT: 9.468 min Scan# 2081
Delta R.T. -0.010 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

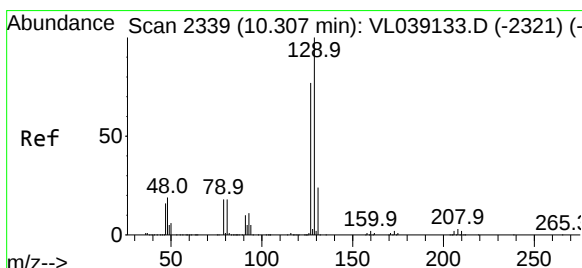
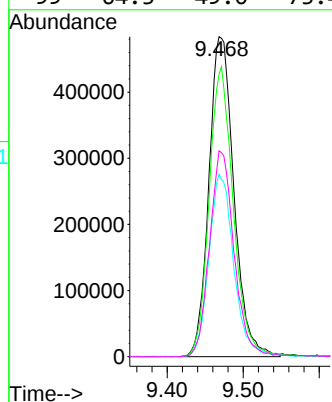
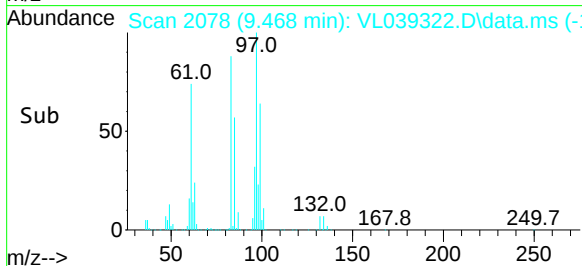
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



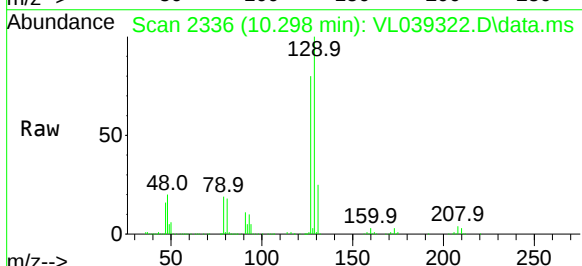
Tgt Ion: 97 Resp: 1107550
Ion Ratio Lower Upper
97 100
83 88.3 71.6 107.4
85 57.1 44.8 67.2
99 64.3 49.0 73.4

Manual Integrations
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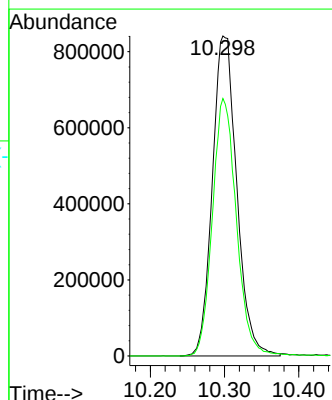
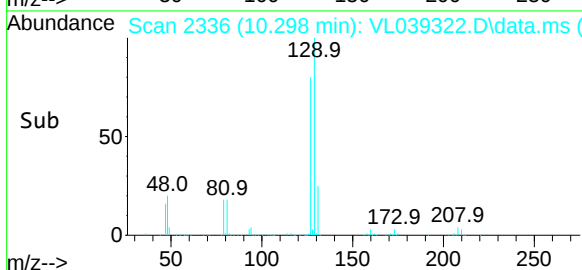
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

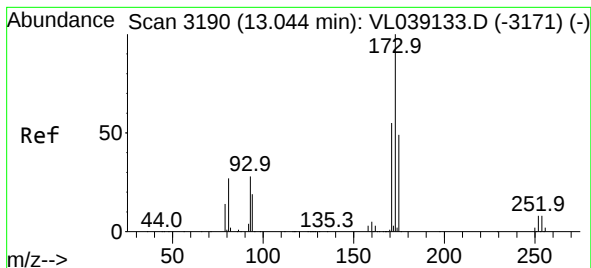


#48
Dibromochloromethane
Concen: 9.101 ppbv
RT: 10.298 min Scan# 2336
Delta R.T. -0.010 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44



Tgt Ion:129 Resp: 1924216
Ion Ratio Lower Upper
129 100
127 79.2 40.0 119.9





#49

Bromoform

Concen: 9.243 ppbv

RT: 13.037 min Scan# 31

Delta R.T. -0.006 min

Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

Instrument :

MSVOA_L

ClientSampleId :

VL0622ABS01

Tgt Ion:173 Resp: 162849

Ion Ratio Lower Upper

173 100

175 49.1 40.2 60.2

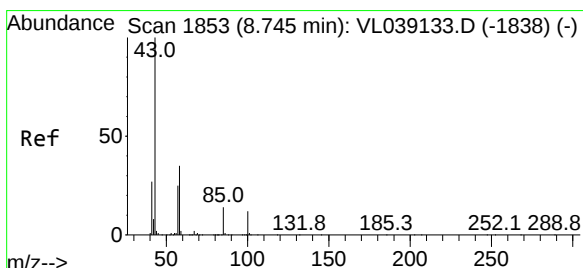
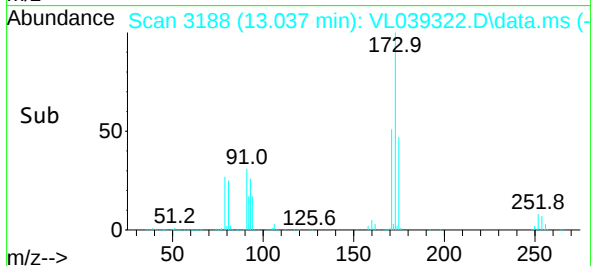
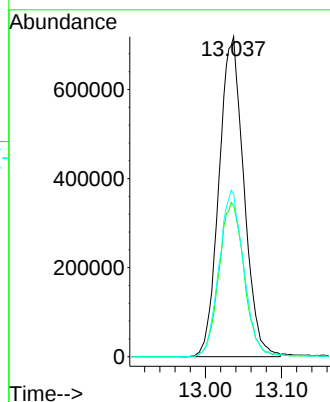
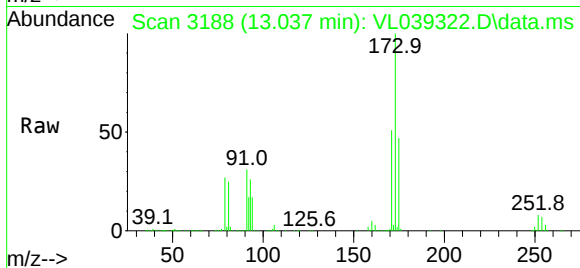
171 51.5 43.9 65.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#50

4-Methyl-2-Pentanone

Concen: 9.578 ppbv

RT: 8.732 min Scan# 1849

Delta R.T. -0.013 min

Lab File: VL039322.D

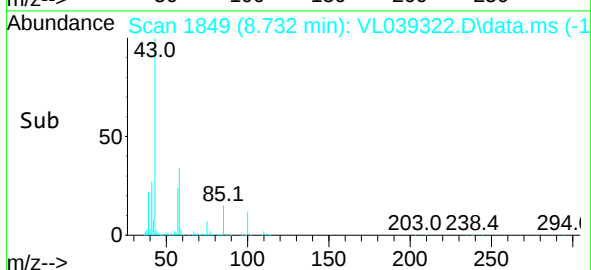
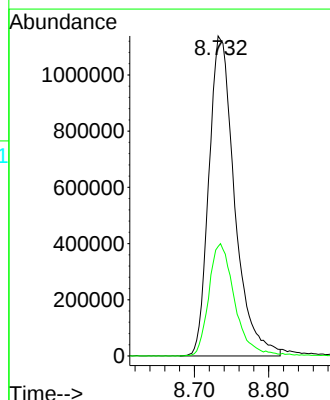
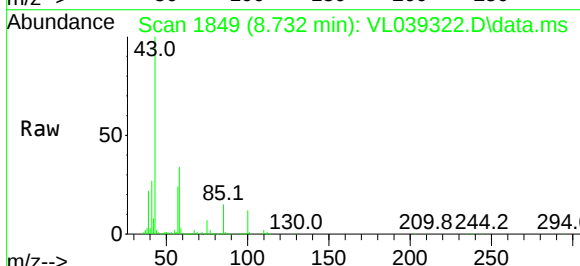
Acq: 22 Jun 2022 15:44

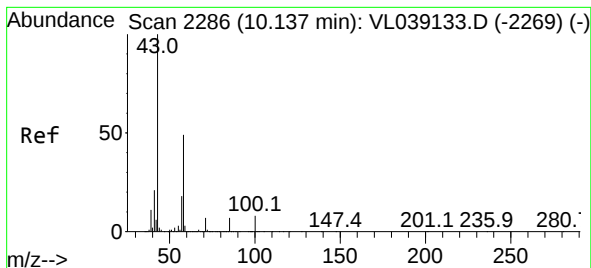
Tgt Ion: 43 Resp: 2737396

Ion Ratio Lower Upper

43 100

58 35.6 28.7 43.1





#51

2-Hexanone

Concen: 9.365 ppbv

RT: 10.124 min Scan# 21

Delta R.T. -0.013 min

Lab File: VL039322.D

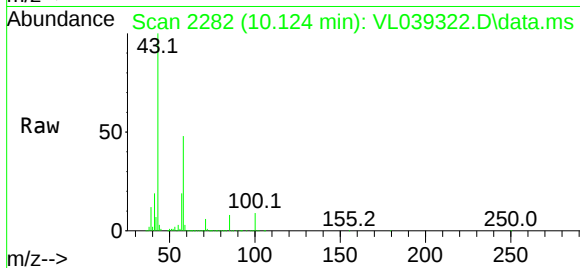
Acq: 22 Jun 2022 15:44

Instrument :

MSVOA_L

ClientSampleId :

VL0622ABS01



Tgt Ion: 43 Resp: 208285

Ion Ratio Lower Upper

43 100

58 48.6 40.0 60.0

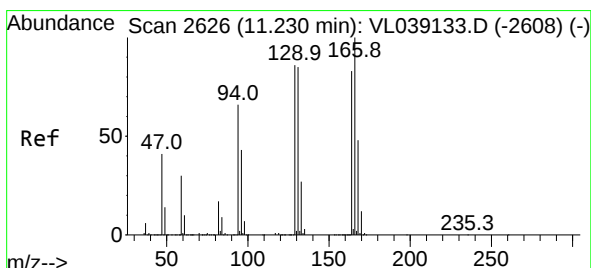
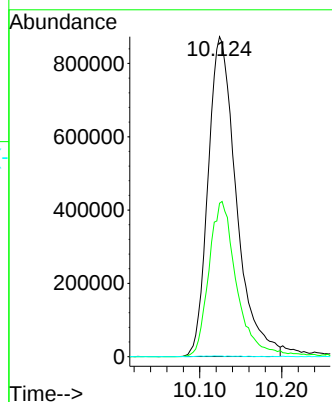
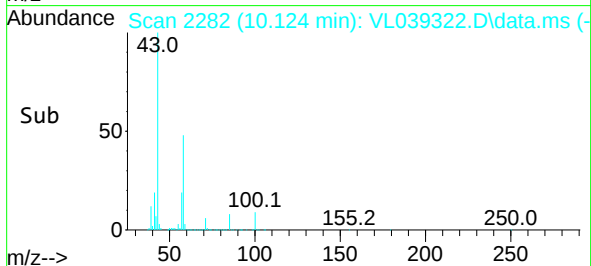
98 0.3 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#52

Tetrachloroethene

Concen: 9.168 ppbv

RT: 11.220 min Scan# 2623

Delta R.T. -0.010 min

Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

Tgt Ion:164 Resp: 1021389

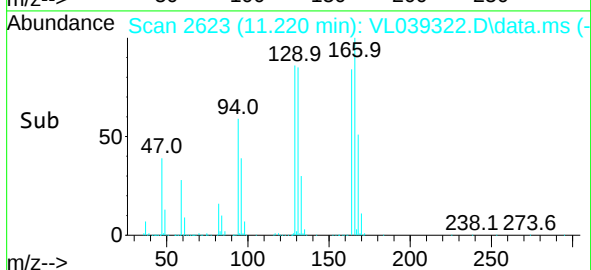
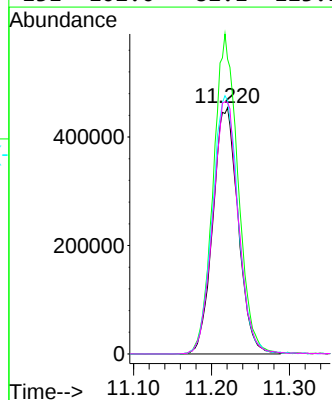
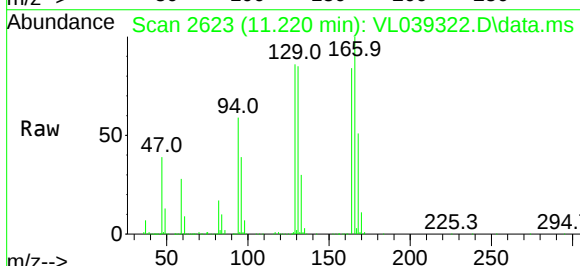
Ion Ratio Lower Upper

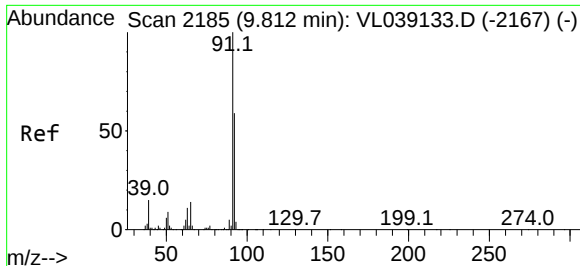
164 100

166 119.7 96.3 144.5

129 102.8 82.5 123.7

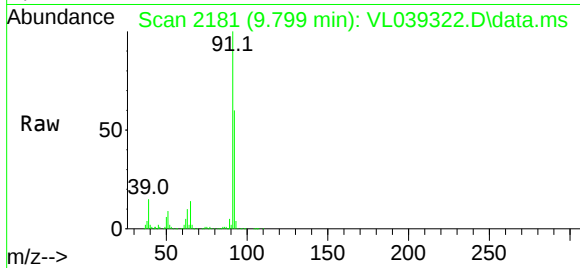
131 102.0 82.1 123.1





#53
Toluene
Concen: 9.726 ppbv
RT: 9.799 min Scan# 2181
Delta R.T. -0.013 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

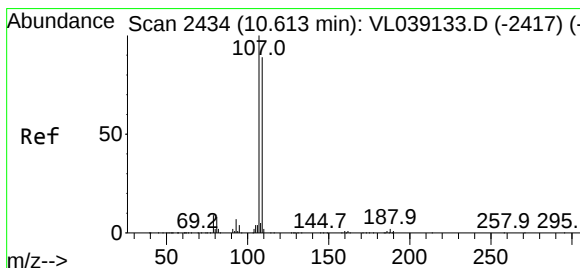
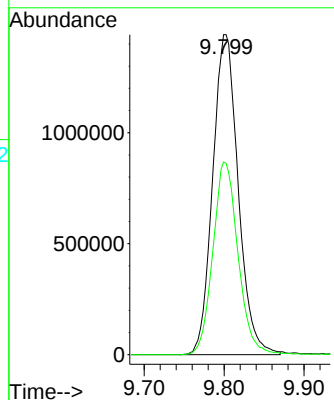
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



Tgt Ion: 91 Resp: 3195730
Ion Ratio Lower Upper
91 100
92 59.6 48.1 72.1

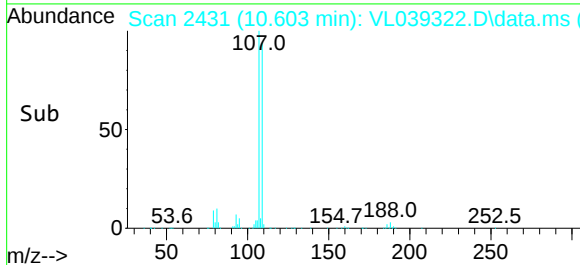
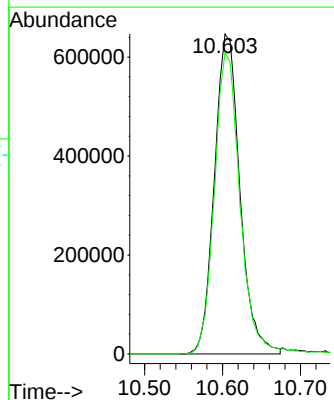
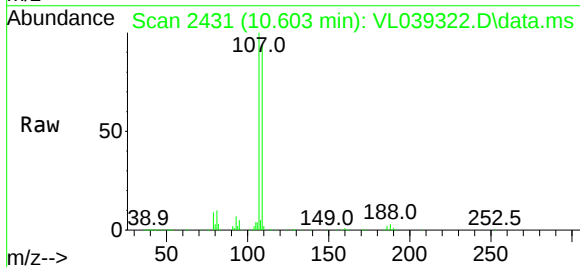
Manual Integrations
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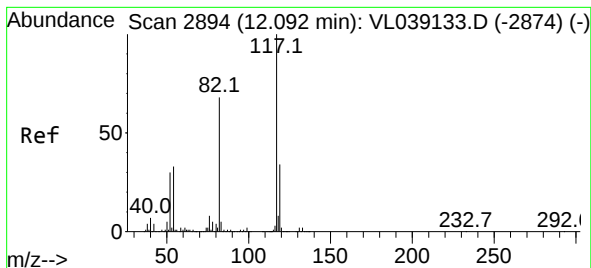
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#54
1,2-Dibromoethane
Concen: 9.252 ppbv
RT: 10.603 min Scan# 2431
Delta R.T. -0.010 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

Tgt Ion:107 Resp: 1472036
Ion Ratio Lower Upper
107 100
109 94.1 71.4 107.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 12.079 min Scan# 2894

Delta R.T. -0.013 min

Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

Instrument :

MSVOA_L

ClientSampleId :

VL0622ABS01

Tgt Ion:117 Resp: 3337694

Ion Ratio Lower Upper

117 100

82 65.3 55.1 82.7

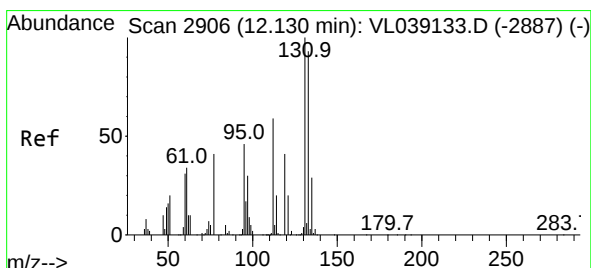
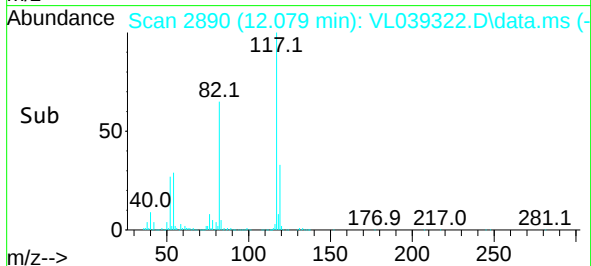
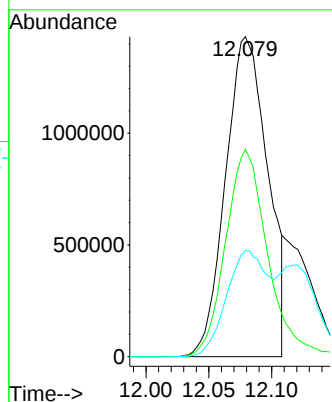
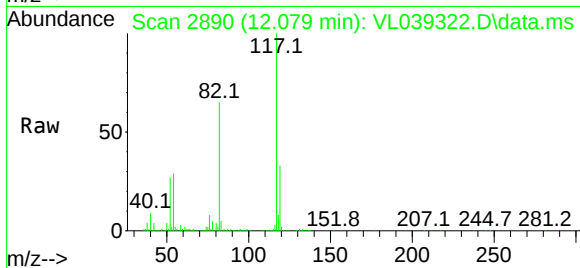
119 59.3 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 9.043 ppbv

RT: 12.118 min Scan# 2902

Delta R.T. -0.013 min

Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

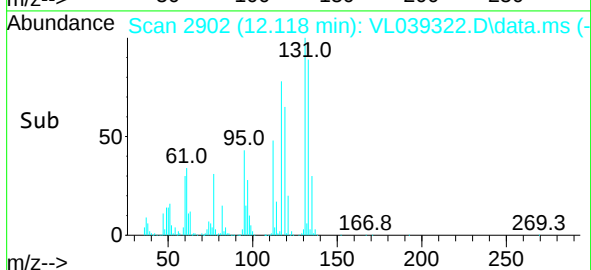
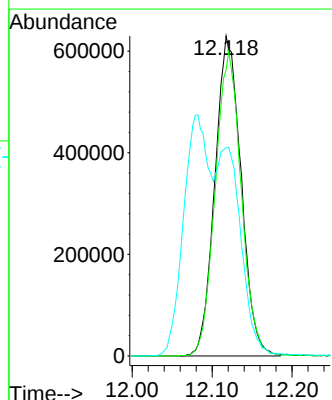
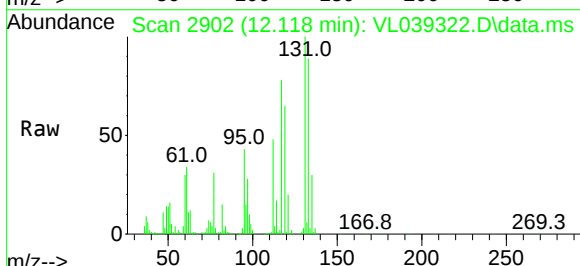
Tgt Ion:131 Resp: 1428174

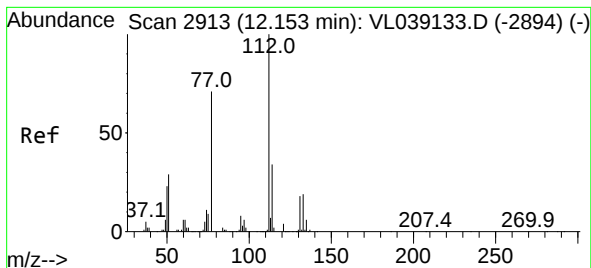
Ion Ratio Lower Upper

131 100

133 94.5 78.6 117.8

119 61.8 51.7 77.5





#57

Chlorobenzene

Concen: 9.546 ppbv

RT: 12.140 min Scan# 2913

Delta R.T. -0.013 min

Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

Instrument :

MSVOA_L

ClientSampleId :

VL0622ABS01

Tgt Ion:112 Resp: 2397379

Ion Ratio Lower Upper

112 100

77 66.9 56.5 84.7

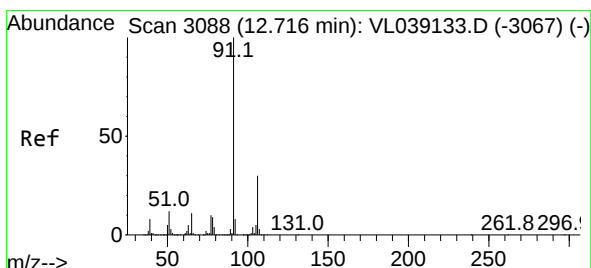
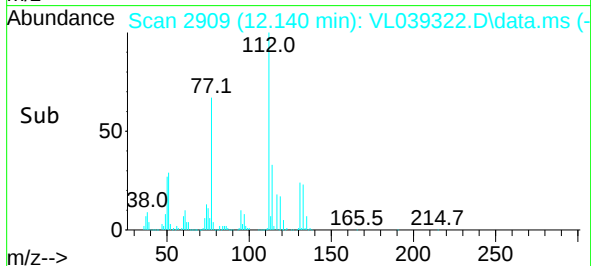
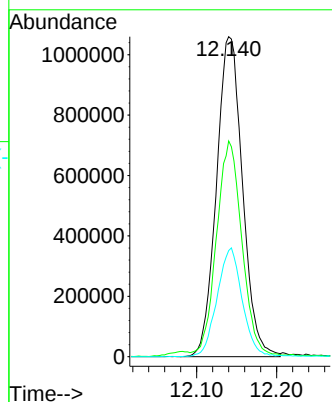
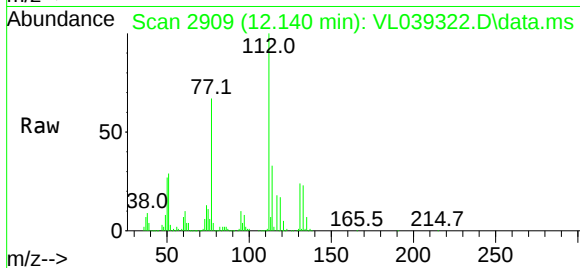
114 33.1 30.3 37.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#58

Ethyl Benzene

Concen: 9.365 ppbv

RT: 12.703 min Scan# 3084

Delta R.T. -0.013 min

Lab File: VL039322.D

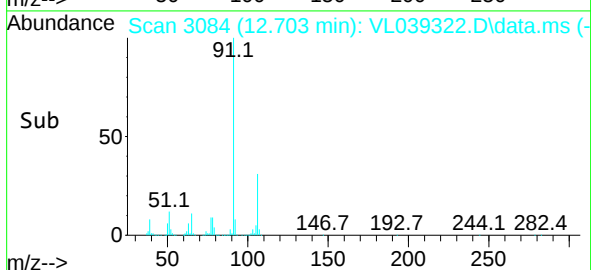
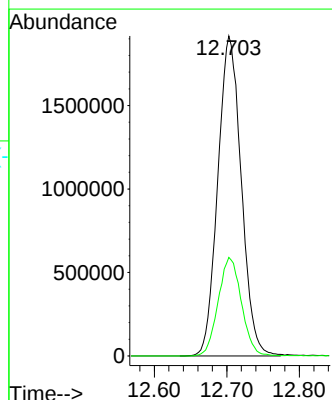
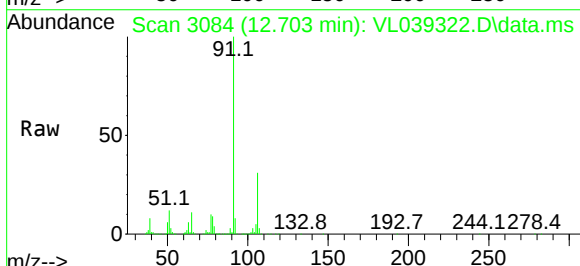
Acq: 22 Jun 2022 15:44

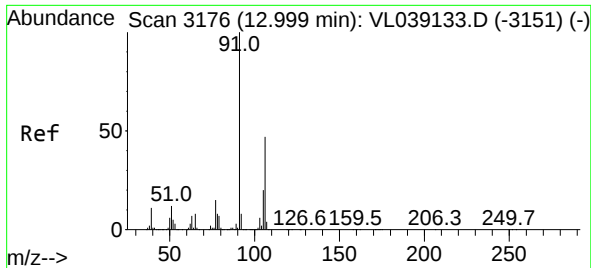
Tgt Ion: 91 Resp: 4305494

Ion Ratio Lower Upper

91 100

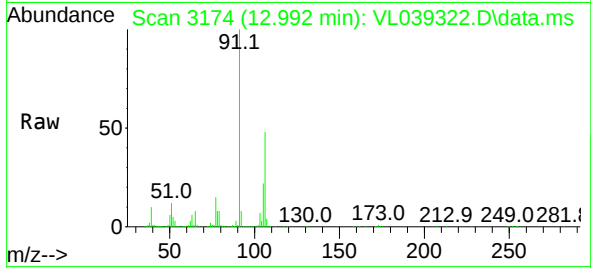
106 30.8 24.2 36.4





#59
m/p-Xylene
Concen: 18.021 ppbv m
RT: 12.992 min Scan# 3176
Delta R.T. -0.006 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

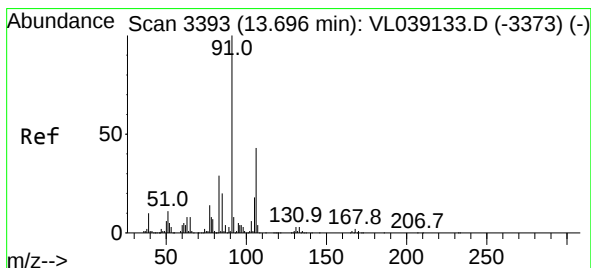
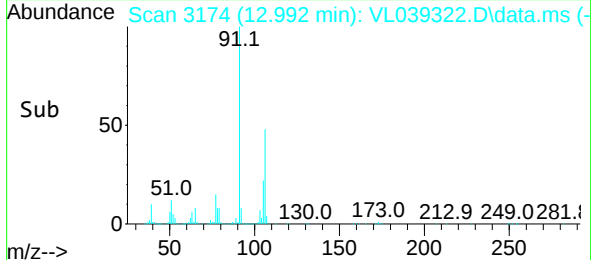
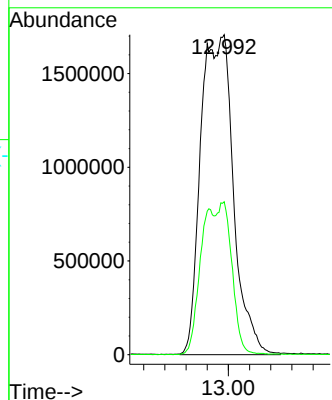
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



Tgt Ion: 91 Resp: 729594
Ion Ratio Lower Upper
91 100
106 44.2 34.3 51.5

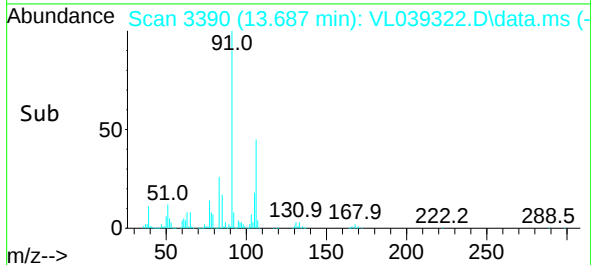
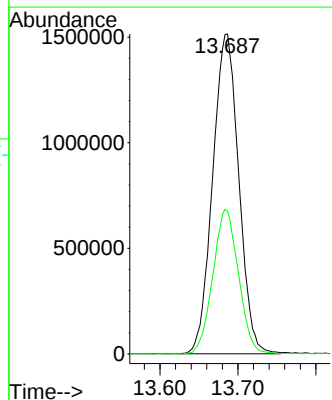
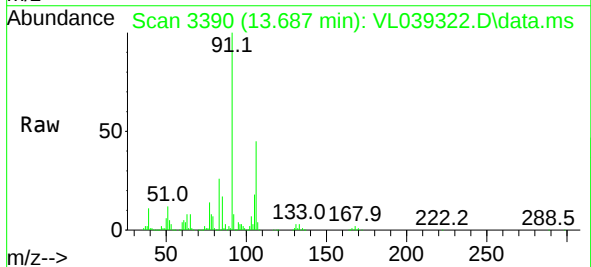
Manual Integrations
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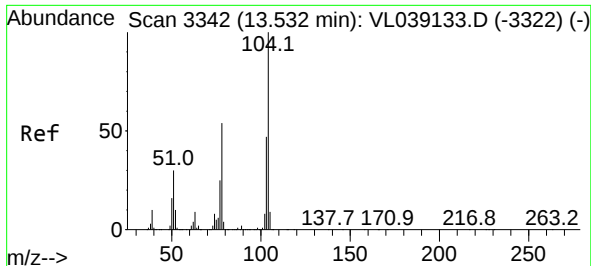
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#60
o-Xylene
Concen: 9.266 ppbv
RT: 13.687 min Scan# 3390
Delta R.T. -0.010 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

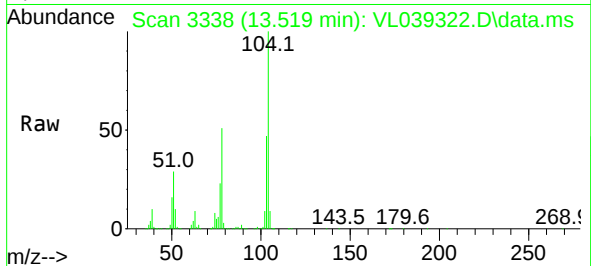
Tgt Ion: 91 Resp: 3525220
Ion Ratio Lower Upper
91 100
106 44.4 22.3 66.9





#61
Styrene
Concen: 10.330 ppbv
RT: 13.519 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

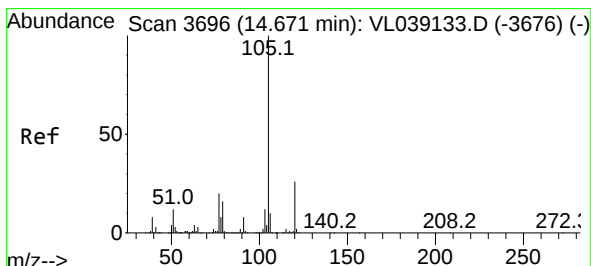
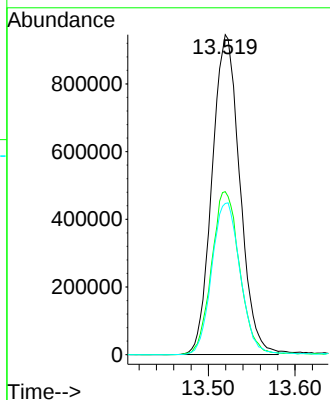
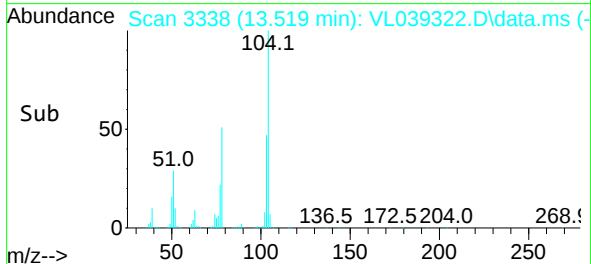
Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01



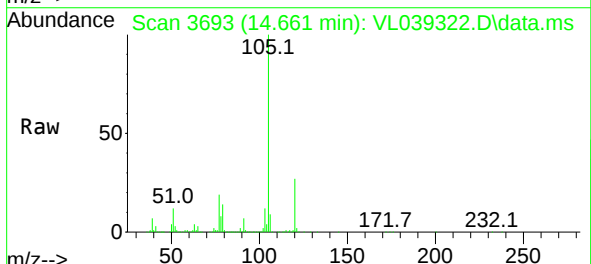
Tgt Ion:104 Resp: 2104428
Ion Ratio Lower Upper
104 100
78 51.8 45.7 68.5
103 48.9 39.6 59.4

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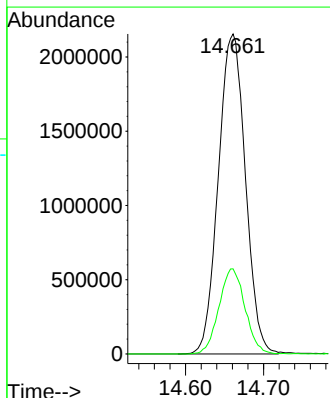
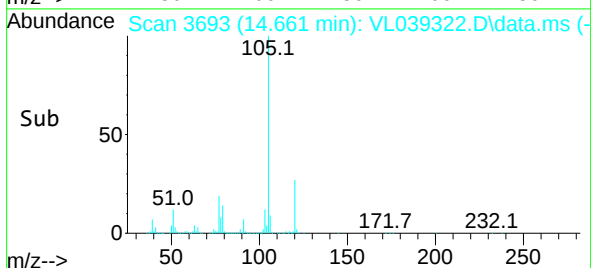
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

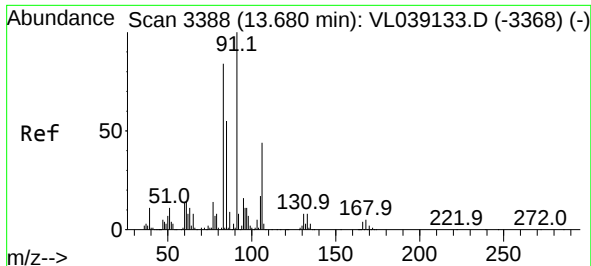


#62
Isopropylbenzene
Concen: 9.191 ppbv
RT: 14.661 min Scan# 3693
Delta R.T. -0.010 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44



Tgt Ion:105 Resp: 5196773
Ion Ratio Lower Upper
105 100
120 25.8 20.3 30.5





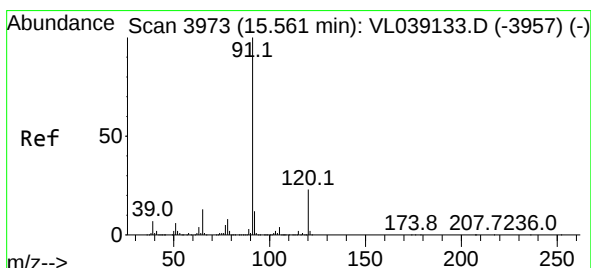
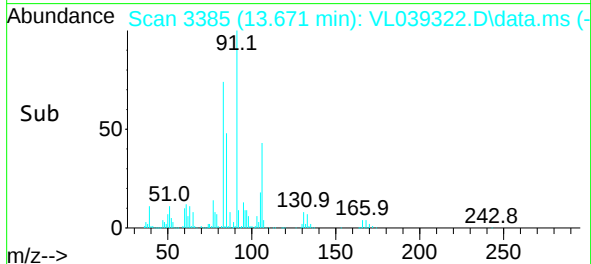
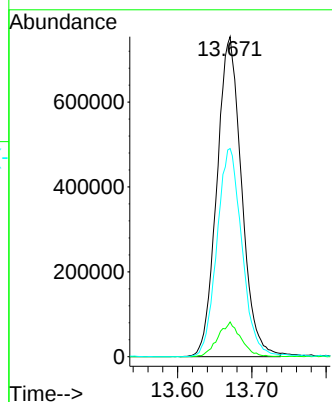
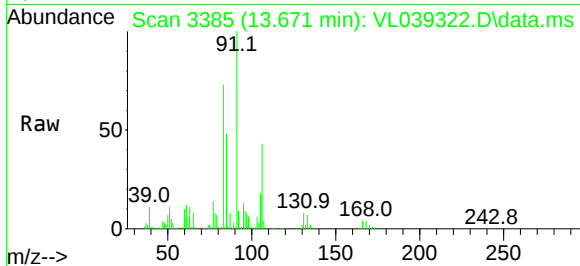
#63
1,1,2,2-Tetrachloroethane
Concen: 8.178 ppbv
RT: 13.671 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01

Tgt Ion: 83 Resp: 174640
Ion Ratio Lower Upper
83 100
131 10.3 4.8 14.3
85 66.3 33.0 99.0

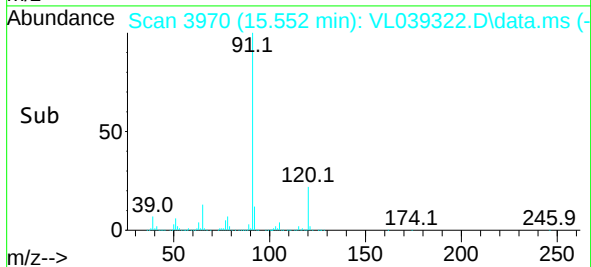
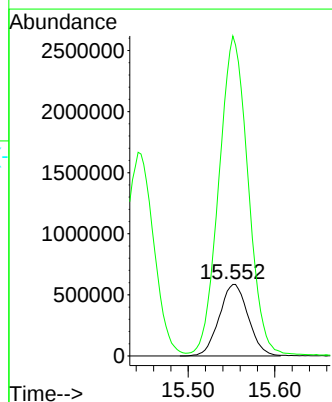
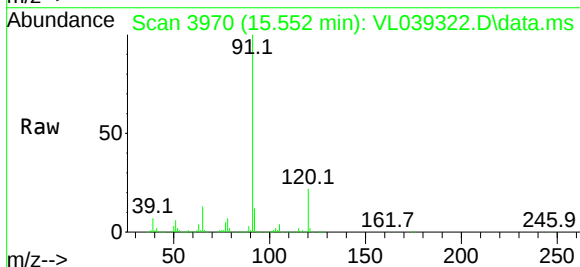
Manual Integrations
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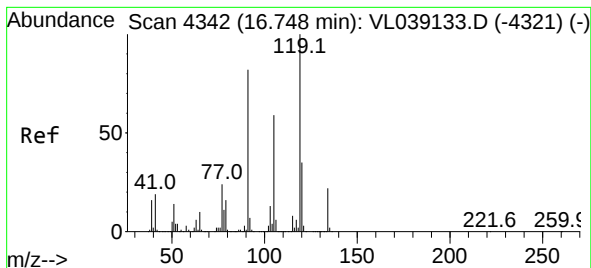
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#64
n-propylbenzene
Concen: 9.778 ppbv
RT: 15.552 min Scan# 3970
Delta R.T. -0.010 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

Tgt Ion:120 Resp: 1359127
Ion Ratio Lower Upper
120 100
91 452.4 388.4 582.6





#65

tert-Butylbenzene

Concen: 9.065 ppbv

RT: 16.735 min Scan# 41

Delta R.T. -0.013 min

Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

Instrument :

MSVOA_L

ClientSampleId :

VL0622ABS01

Tgt Ion:119 Resp: 4687029

Ion Ratio Lower Upper

119 100

91 80.1 67.1 100.7

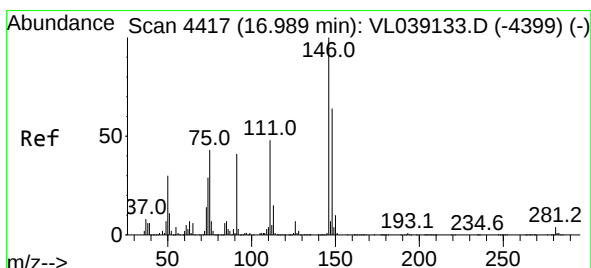
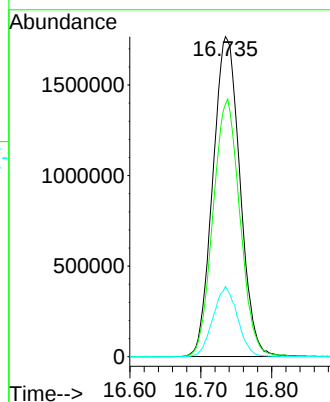
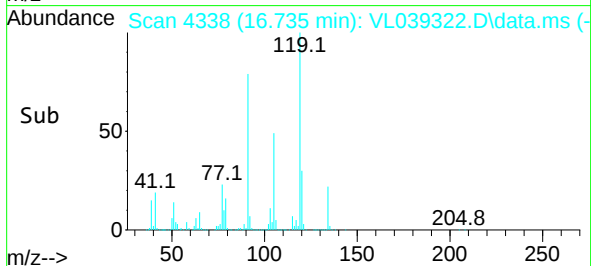
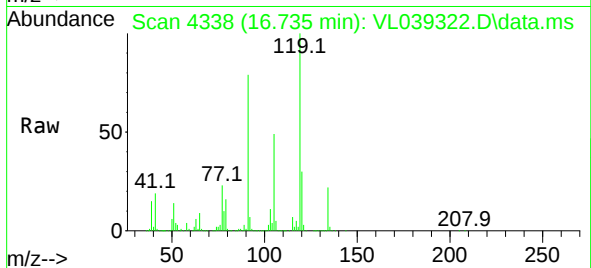
134 19.9 15.8 23.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#66

Benzyl Chloride

Concen: 7.438 ppbv

RT: 16.979 min Scan# 4414

Delta R.T. -0.010 min

Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

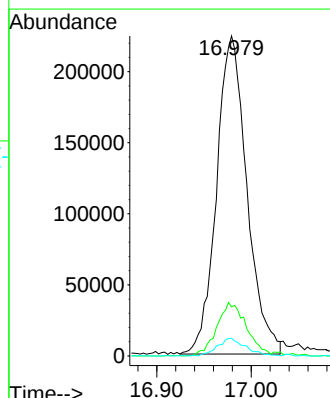
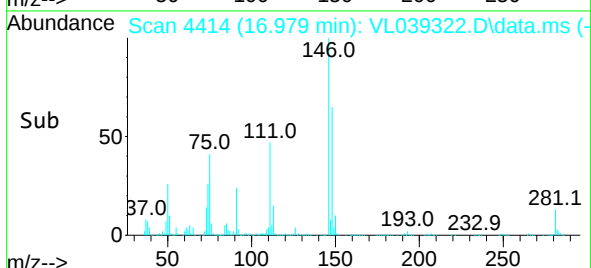
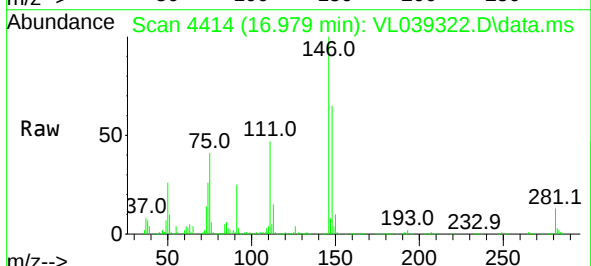
Tgt Ion: 91 Resp: 500034

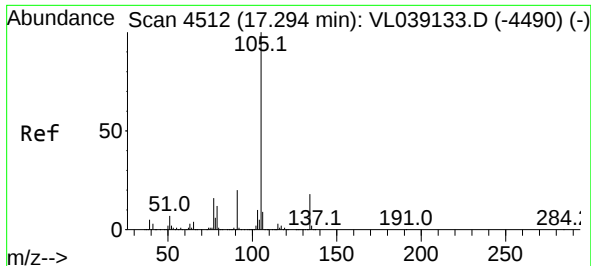
Ion Ratio Lower Upper

91 100

126 17.1 13.4 20.0

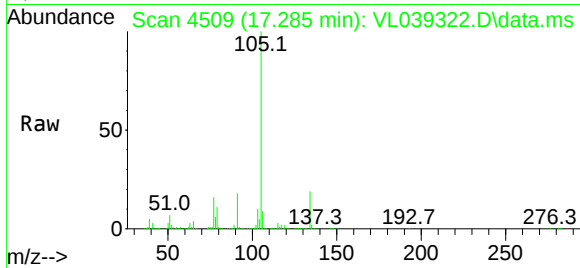
128 5.2 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 9.114 ppbv
 RT: 17.285 min Scan# 4509
 Delta R.T. -0.010 min
 Lab File: VL039322.D
 Acq: 22 Jun 2022 15:44

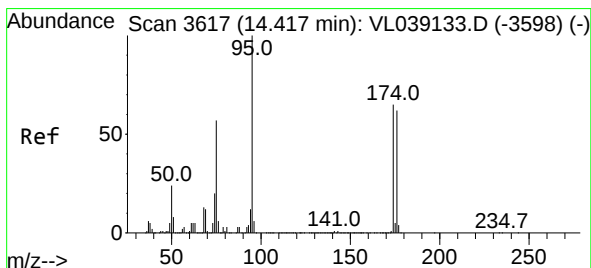
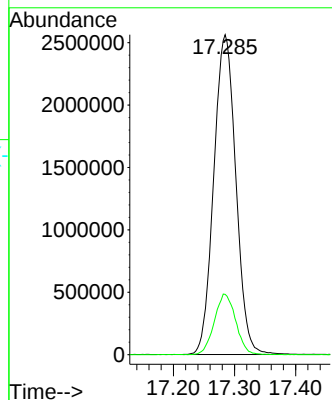
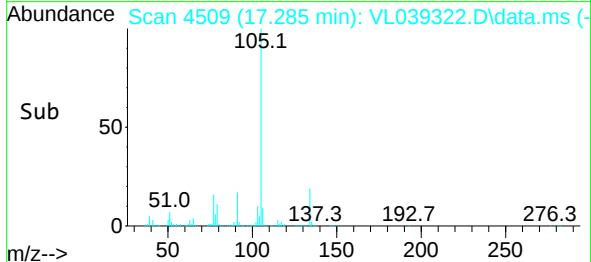
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0622ABS01



Tgt Ion: 105 Resp: 642995
 Ion Ratio Lower Upper
 105 100
 134 18.4 14.4 21.6

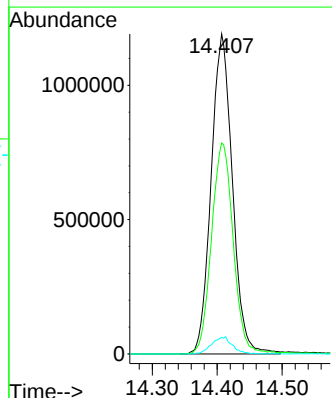
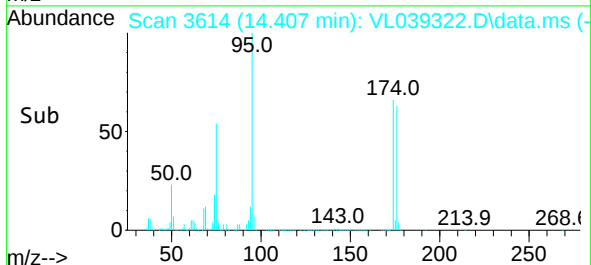
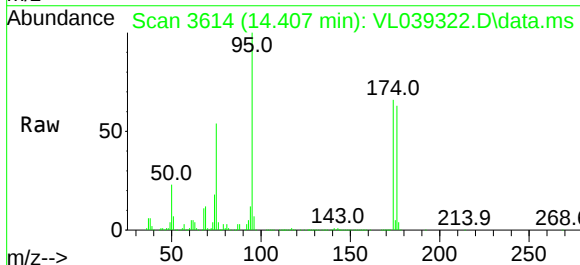
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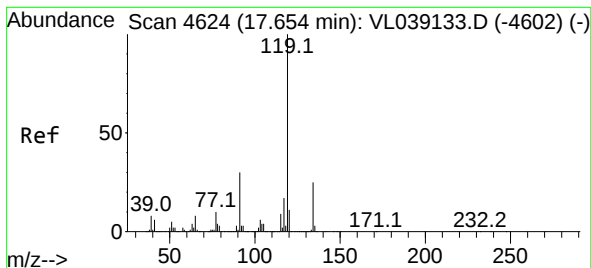
Reviewed By : Semsettin Yesilyurt 06/24/2022
 Supervised By : Mahesh Dadoda 06/28/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.793 ppbv
 RT: 14.407 min Scan# 3614
 Delta R.T. -0.010 min
 Lab File: VL039322.D
 Acq: 22 Jun 2022 15:44

Tgt Ion: 95 Resp: 2702330
 Ion Ratio Lower Upper
 95 100
 174 67.9 53.8 80.8
 175 5.3 4.1 6.1





#69

p-Isopropyltoluene

Concen: 9.277 ppbv

RT: 17.641 min Scan# 40

Delta R.T. -0.013 min

Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

Instrument :

MSVOA_L

ClientSampleId :

VL0622ABS01

Tgt Ion:119 Resp: 552172

Ion Ratio Lower Upper

119 100

134 25.3 20.4 30.6

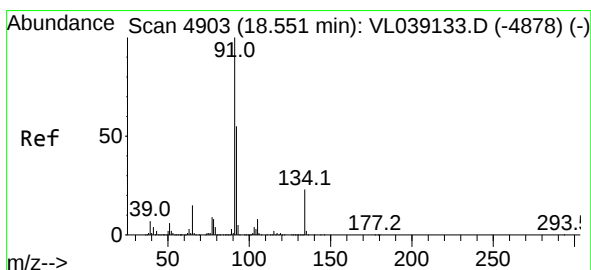
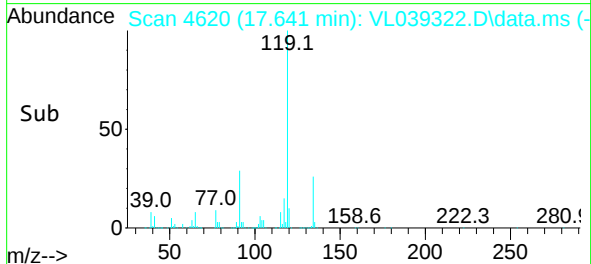
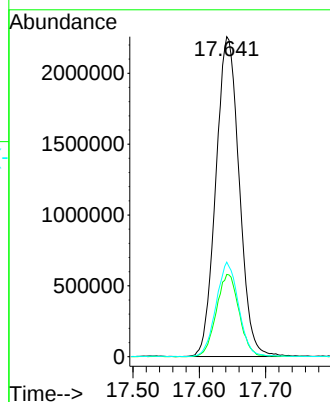
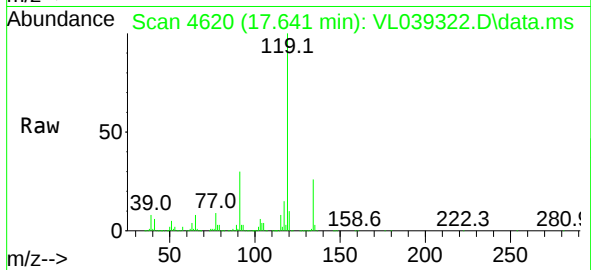
91 28.4 24.2 36.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#70

n-Butylbenzene

Concen: 8.915 ppbv

RT: 18.539 min Scan# 4899

Delta R.T. -0.013 min

Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

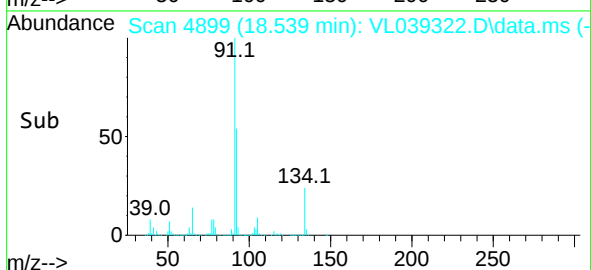
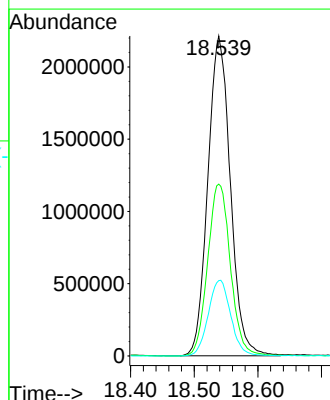
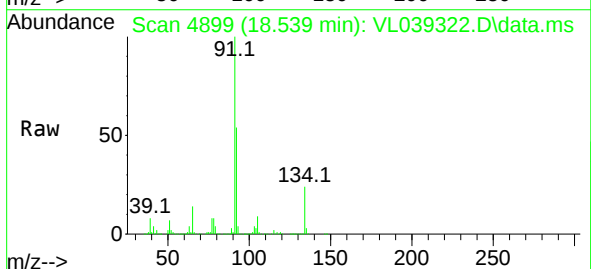
Tgt Ion: 91 Resp: 5446292

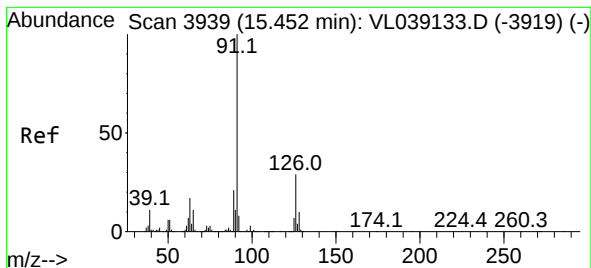
Ion Ratio Lower Upper

91 100

92 54.5 43.6 65.4

134 23.8 17.7 26.5





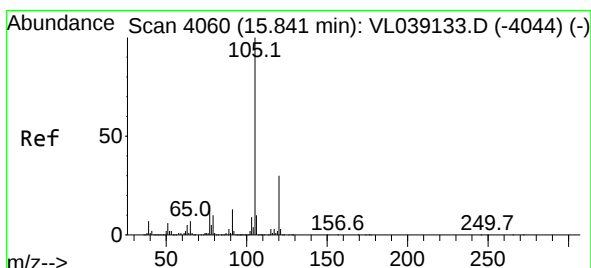
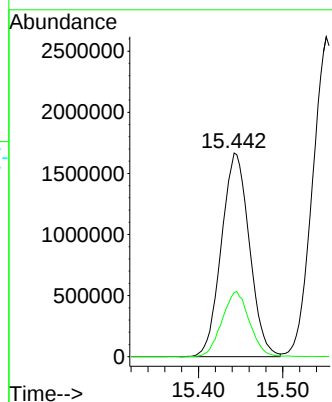
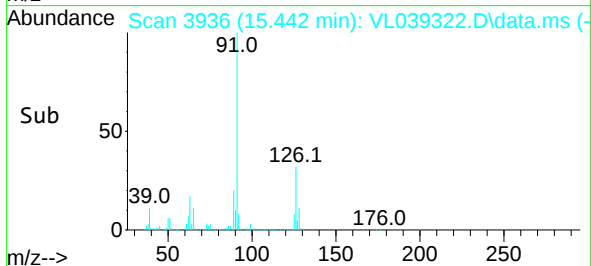
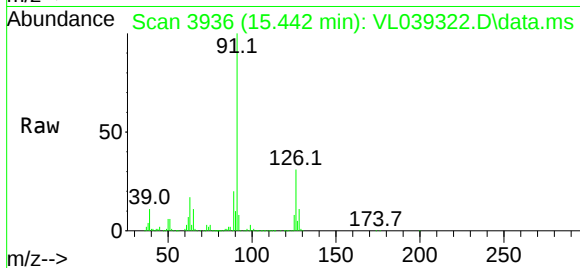
#71
2-Chlorotoluene
Concen: 8.910 ppbv
RT: 15.442 min Scan# 3939
Delta R.T. -0.010 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

Instrument : MSVOA_L
ClientSampleId : VL0622ABS01

Tgt Ion: 91 Resp: 3841978
Ion Ratio Lower Upper
91 100
126 31.4 12.2 48.6

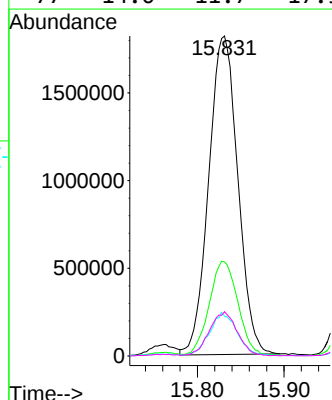
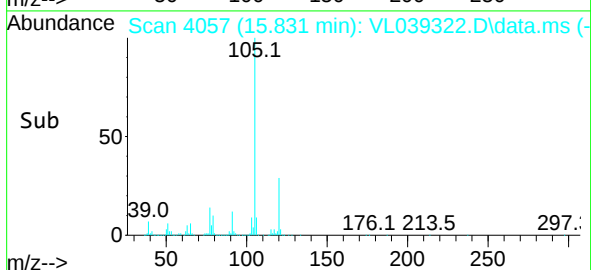
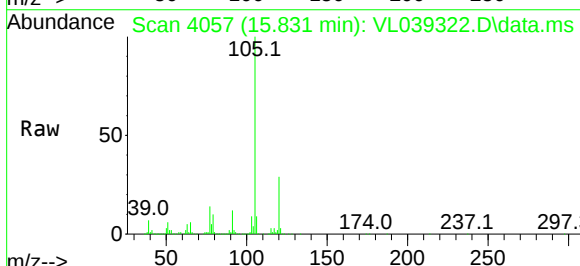
Manual Integrations
APPROVED

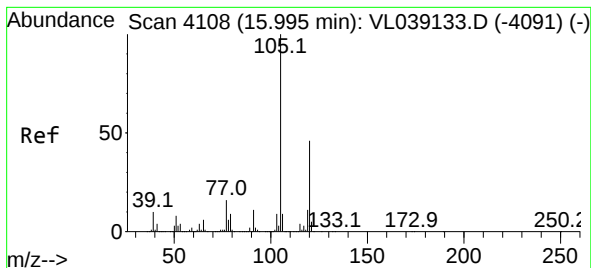
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#72
4-Ethyltoluene
Concen: 9.520 ppbv
RT: 15.831 min Scan# 4057
Delta R.T. -0.010 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

Tgt Ion:105 Resp: 4244626
Ion Ratio Lower Upper
105 100
120 29.6 23.9 35.9
91 12.8 10.6 16.0
77 14.0 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 9.530 ppbv

RT: 15.989 min Scan# 4108

Delta R.T. -0.006 min

Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

Instrument :

MSVOA_L

ClientSampleId :

VL0622ABS01

Tgt Ion:105 Resp: 383269

Ion Ratio Lower Upper

105 100

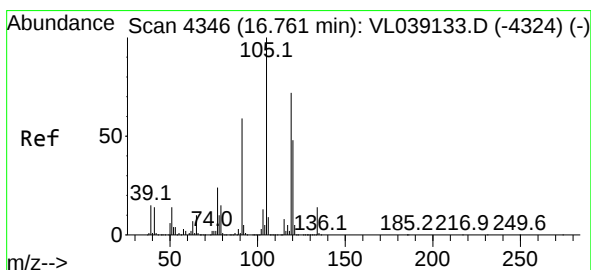
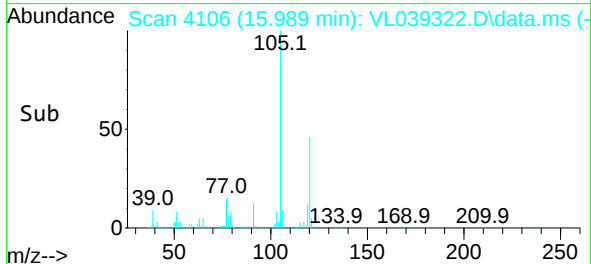
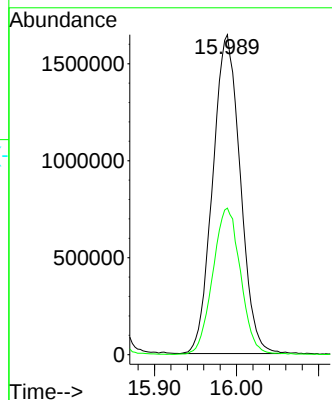
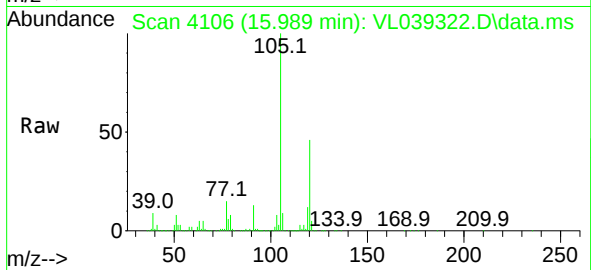
120 45.7 36.7 55.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#74

1,2,4-Trimethylbenzene

Concen: 9.145 ppbv

RT: 16.754 min Scan# 4344

Delta R.T. -0.006 min

Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

Tgt Ion:105 Resp: 4104018

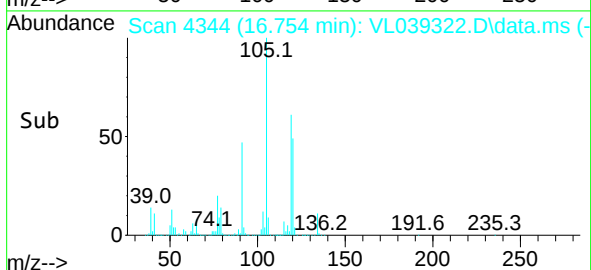
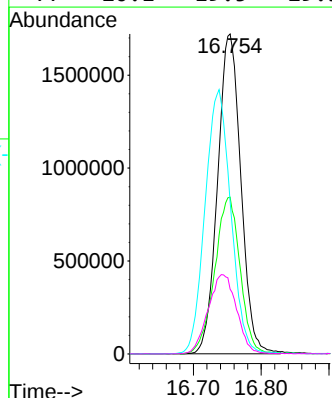
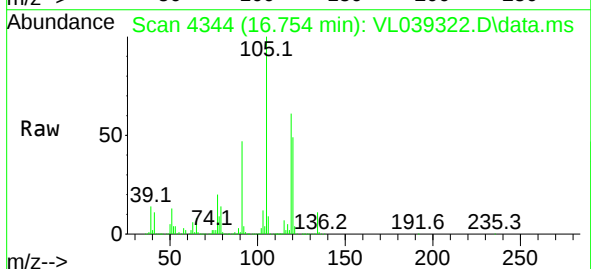
Ion Ratio Lower Upper

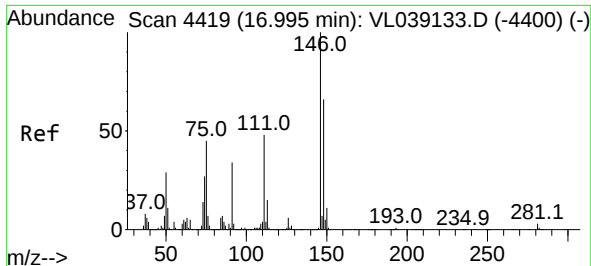
105 100

120 48.9 38.1 57.1

91 47.2 47.4 71.0#

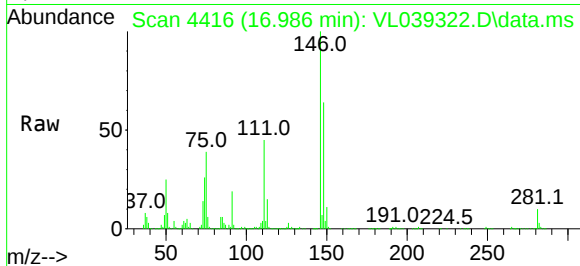
77 20.1 19.5 29.3





#75
1,3-Dichlorobenzene
Concen: 9.537 ppbv
RT: 16.986 min Scan# 4419
Delta R.T. -0.010 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

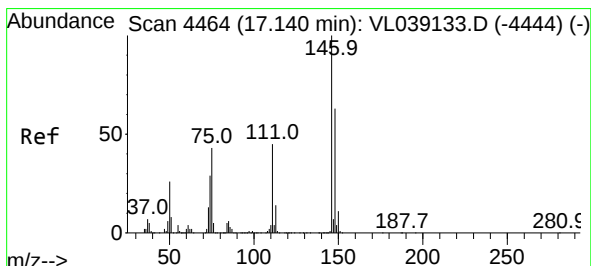
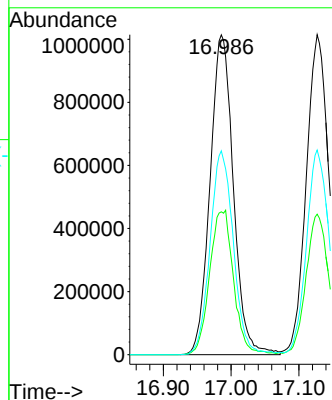
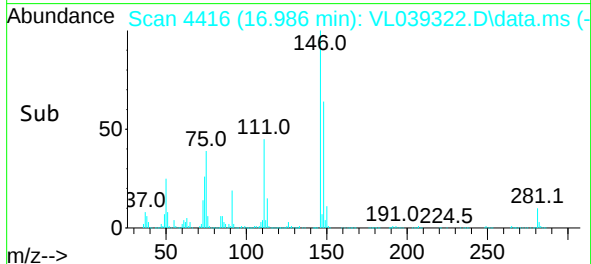
Instrument : MSVOA_L
ClientSampleId : VL0622ABS01



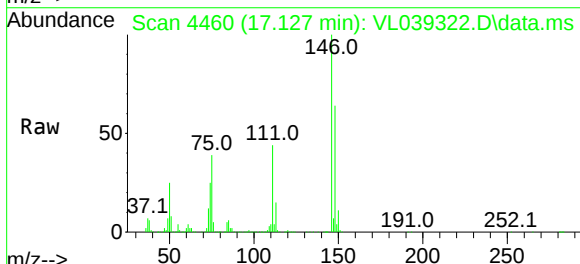
Tgt Ion:146 Resp: 2422598
Ion Ratio Lower Upper
146 100
111 46.3 23.8 71.4
148 63.9 32.4 97.0

Manual Integrations
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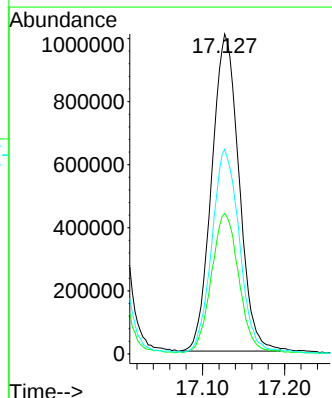
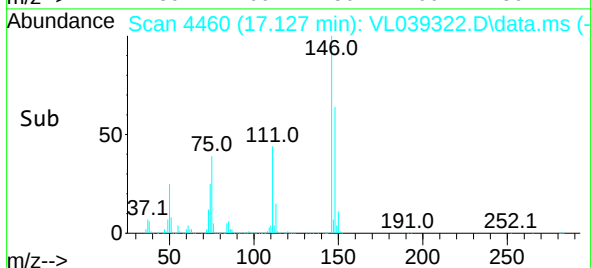
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022

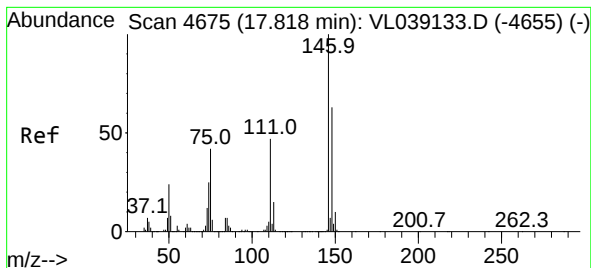


#76
1,4-Dichlorobenzene
Concen: 9.186 ppbv
RT: 17.127 min Scan# 4460
Delta R.T. -0.013 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44



Tgt Ion:146 Resp: 2328193
Ion Ratio Lower Upper
146 100
111 45.4 23.6 71.0
148 66.1 33.7 101.0





#77

1,2-Dichlorobenzene

Concen: 9.151 ppbv

RT: 17.805 min Scan# 4000

Delta R.T. -0.013 min

Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

Instrument :

MSVOA_L

ClientSampleId :

VL0622ABS01

Tgt Ion:146 Resp: 2342869

Ion Ratio Lower Upper

146 100

111 47.6 24.4 73.4

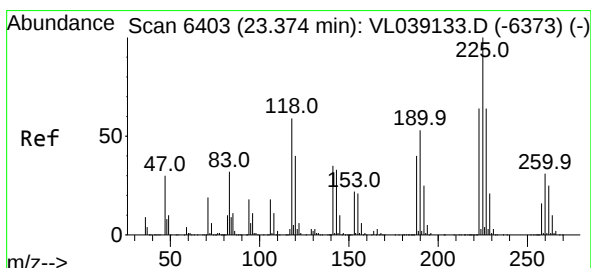
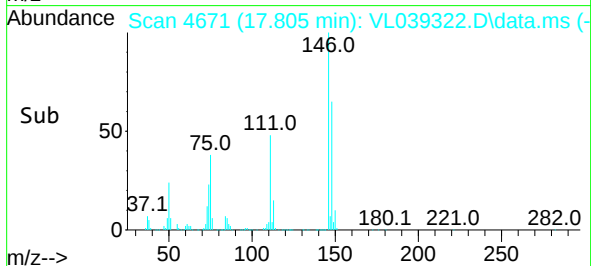
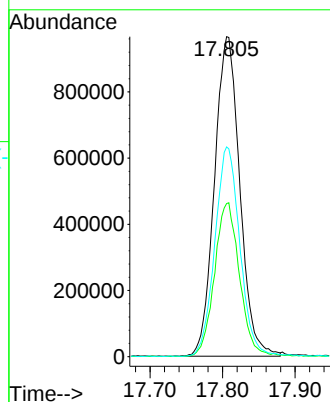
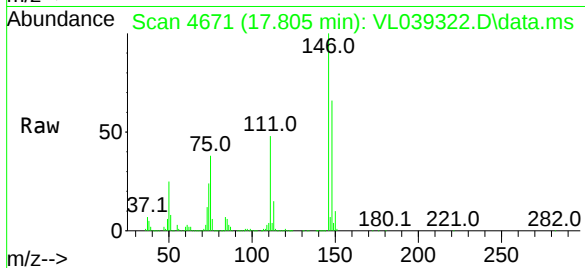
148 65.4 32.1 96.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/24/2022

Supervised By :Mahesh Dadoda 06/28/2022



#78

Hexachloro-1,3-Butadiene

Concen: 7.582 ppbv

RT: 23.365 min Scan# 6400

Delta R.T. -0.010 min

Lab File: VL039322.D

Acq: 22 Jun 2022 15:44

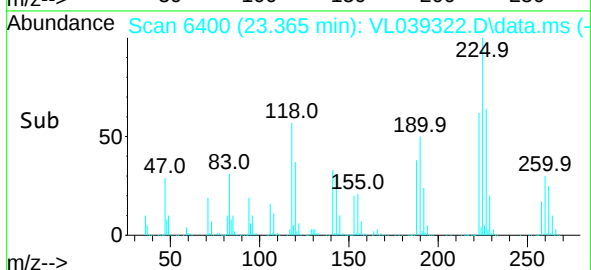
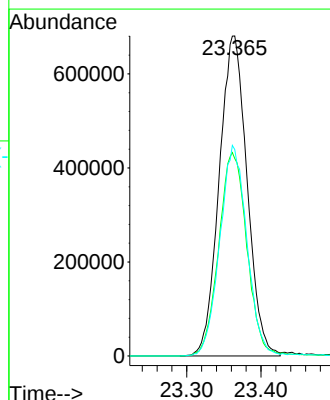
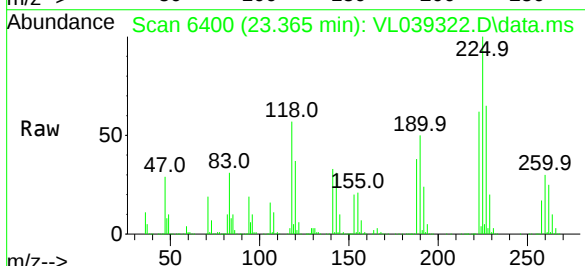
Tgt Ion:225 Resp: 1775098

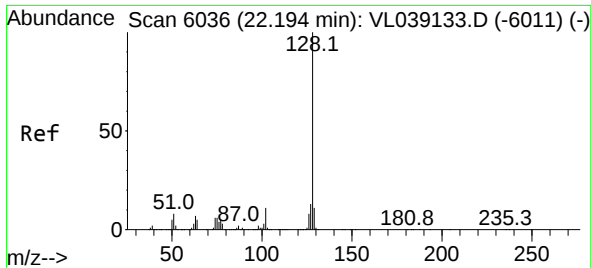
Ion Ratio Lower Upper

225 100

223 64.6 51.4 77.0

227 64.6 50.6 75.8





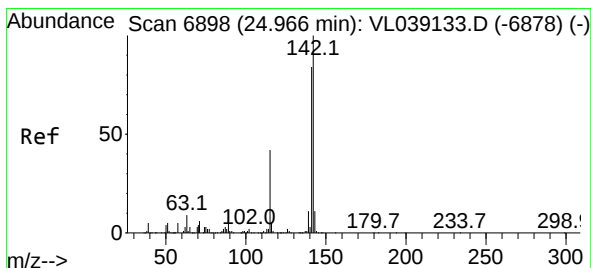
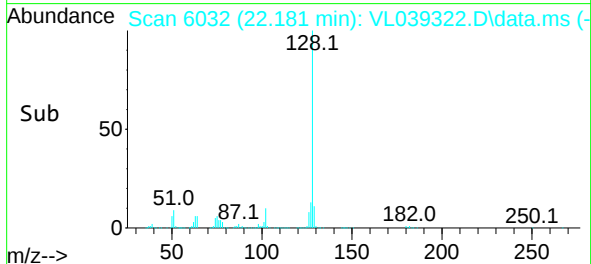
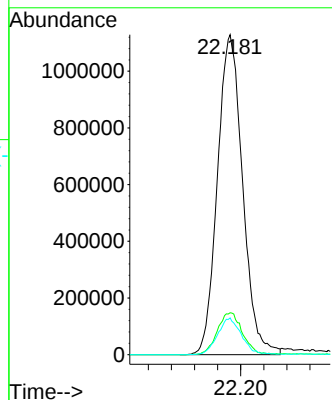
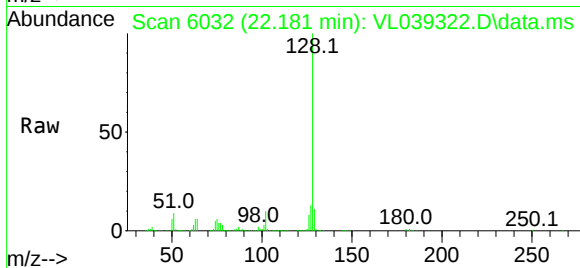
#79
Naphthalene
Concen: 9.894 ppbv
RT: 22.181 min Scan# 6036
Delta R.T. -0.013 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

Instrument :
MSVOA_L
ClientSampleId :
VL0622ABS01

Tgt Ion:128 Resp: 3418084
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.5 9.0 13.6

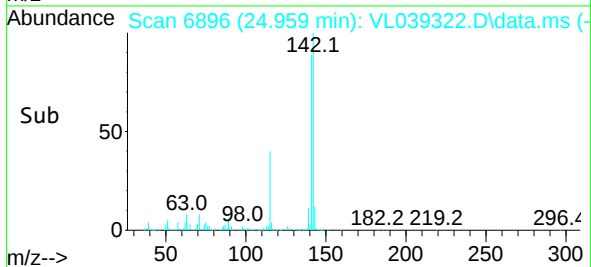
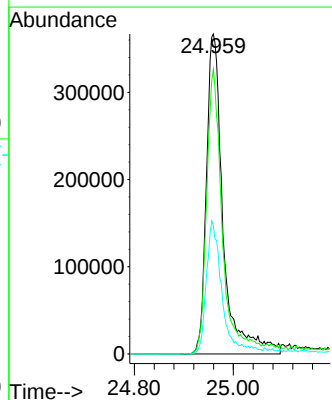
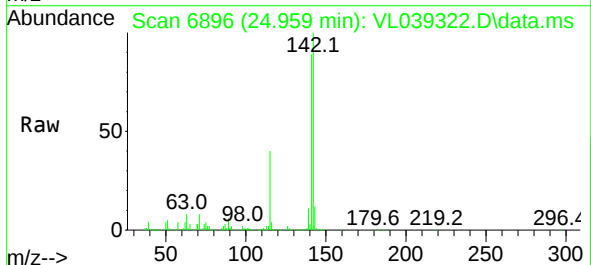
Manual Integrations
APPROVED

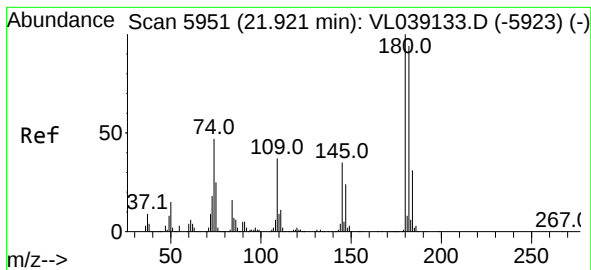
Reviewed By :Semsettin Yesilyurt 06/24/2022
Supervised By :Mahesh Dadoda 06/28/2022



#80
Naphthalene,2-methyl-
Concen: 6.712 ppbv
RT: 24.959 min Scan# 6896
Delta R.T. -0.006 min
Lab File: VL039322.D
Acq: 22 Jun 2022 15:44

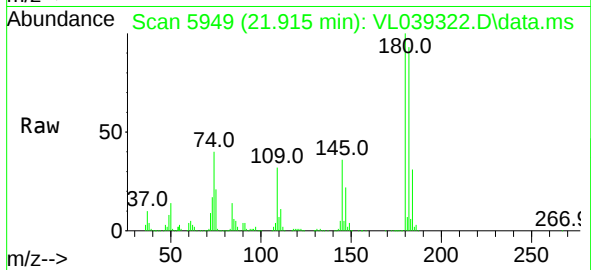
Tgt Ion:142 Resp: 861518
Ion Ratio Lower Upper
142 100
141 86.7 64.6 96.8
115 42.1 32.7 49.1





#81
 1,2,4-Trichlorobenzene
 Concen: 9.016 ppbv
 RT: 21.915 min Scan# 5949
 Delta R.T. -0.006 min
 Lab File: VL039322.D
 Acq: 22 Jun 2022 15:44

Instrument : MSVOA_L
 ClientSampleId : VL0622ABS01



Tgt Ion:180 Resp: 1973209
 Ion Ratio Lower Upper
 180 100
 182 98.0 0.0 0.0
 184 31.3 0.0 0.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/24/2022
 Supervised By :Mahesh Dadoda 06/28/2022

