

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050922\
 Data File : VL038990.D
 Acq On : 9 May 2022 16:25
 Operator : SY/AP
 Sample : VL0509ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0509ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/10/2022
 Supervised By : Mahesh Dadoda 05/11/2022

Quant Time: May 10 05:44:46 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 10 05:44:46 2022

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.652	49	1144453	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.160	114	2679867	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.063	117	2610207m	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.391 95 2195024 10.619 ppbv -0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 106.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.044	85	2546938	14.203	ppbv	99
3) Chlorodifluoromethane	2.986	51	1456032	10.253	ppbv	98
4) Chloromethane	3.134	50	722444	10.158	ppbv	97
5) Vinyl Chloride	3.253	62	727548	11.203	ppbv	96
6) Bromomethane	3.468	94	351090	11.444	ppbv	93
7) Chloroethane	3.552	64	262277	12.066	ppbv	97
8) Dichlorotetrafluoroethane	3.182	85	1809885	11.137	ppbv	97
9) Propene	3.005	41	573451	9.247	ppbv	96
10) Heptane	8.102	43	1510559	9.928	ppbv	100
11) Trichlorofluoromethane	3.941	101	1801604	11.710	ppbv	99
12) 1,1,2-Trichlorotrifluoro...	4.475	101	1242334	11.722	ppbv	99
13) Ethanol	3.600	45	30315	6.907	ppbv	92
14) Bromoethene	3.732	108	520794	11.916	ppbv	98
15) Acetone	3.838	43	1213070	11.237	ppbv	99
16) 1,3-Butadiene	3.324	39	670350	10.808	ppbv	99
17) tert-Butyl alcohol	4.272	59	884246	10.657	ppbv	98
18) 1,1-Dichloroethene	4.279	96	552314	12.109	ppbv	92
19) Isopropyl Alcohol	3.954	45	537245	10.467	ppbv #	93
20) Methylene Chloride	4.337	84	442947	10.886	ppbv	98
21) Allyl Chloride	4.404	41	877480	11.928	ppbv	99
22) trans-1,2-Dichloroethene	4.870	96	580756	11.787	ppbv	97
23) Vinyl Acetate	5.060	43	1006334	11.781	ppbv	97
24) 1,1-Dichloroethane	4.996	63	1141028	11.601	ppbv	99
25) Ethyl Acetate	5.661	43	2709109	10.485	ppbv	99
26) Hexane	5.671	57	1105116	9.626	ppbv	95
27) Carbon Disulfide	4.539	76	1391997	12.764	ppbv	99
28) Methyl tert-Butyl Ether	5.018	73	1019860	11.676	ppbv	99
29) Chloroform	5.738	83	1974717	10.631	ppbv	99
30) Cyclohexane	7.115	84	922441	9.597	ppbv	99
31) cis-1,2-Dichloroethene	5.533	61	1245591	10.649	ppbv	99
32) 1,1,1-Trichloroethane	6.494	97	2021702	10.885	ppbv	99
34) 2-Butanone	5.230	43	1627742	11.906	ppbv	99
35) Carbon Tetrachloride	7.002	117	2108771	11.943	ppbv	99
36) Benzene	6.873	78	2249576	9.809	ppbv	97
37) 1,2-Dichloroethane	6.291	62	1686117	11.883	ppbv	97
38) Trichloroethene	7.816	130	1027192	10.075	ppbv	97
39) 1,2-Dichloropropane	7.594	63	905222	10.144	ppbv	92
40) 1,4-Dioxane	7.809	88	288286	8.995	ppbv #	1
41) Tetrahydrofuran	6.031	42	947885	10.316	ppbv	99
42) Bromodichloromethane	7.774	83	2212608	11.406	ppbv	98
43) Methyl Methacrylate	7.996	69	986541	10.596	ppbv	98
44) 2,2,4-Trimethylpentane	7.848	57	4014396	9.976	ppbv	98
45) t-1,3-Dichloropropene	9.256	75	1155209	12.818	ppbv	100

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 Supervised By : Mahesh Dadoda 05/11/2022

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

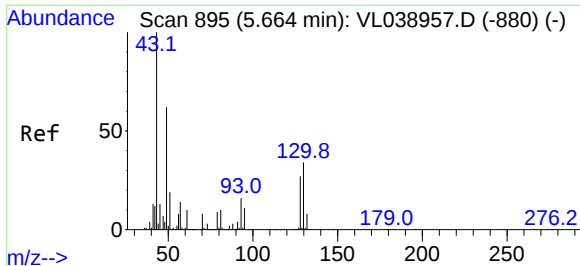
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Thu May 10 05:44:46 2022

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.684	75	1377596	11.527	ppbv	99
47) 1,1,2-Trichloroethane	9.452	97	950342	10.240	ppbv	99
48) Dibromochloromethane	10.282	129	1752143	11.599	ppbv	99
49) Bromoform	13.015	173	1468514	12.747	ppbv	98
50) 4-Methyl-2-Pentanone	8.716	43	2563493	10.693	ppbv	100
51) 2-Hexanone	10.111	43	2038758	11.652	ppbv #	98
52) Tetrachloroethene	11.198	164	812226	9.911	ppbv	98
53) Toluene	9.783	91	2646614	10.296	ppbv	100
54) 1,2-Dibromoethane	10.587	107	1392359	11.020	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.105	131	1204872	10.521	ppbv	100
57) Chlorobenzene	12.121	112	1939807	9.914	ppbv	99
58) Ethyl Benzene	12.687	91	3702628	9.857	ppbv	99
59) m/p-Xylene	12.970	91	6483472m	20.218	ppbv	
60) o-Xylene	13.667	91	3124858	10.353	ppbv	96
61) Styrene	13.500	104	1748819	10.853	ppbv	98
62) Isopropylbenzene	14.642	105	4422547	10.020	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.651	83	1752458	9.860	ppbv	100
64) n-propylbenzene	15.539	120	1113748	10.437	ppbv	98
65) tert-Butylbenzene	16.719	119	3865216	9.994	ppbv	97
66) Benzyl Chloride	16.960	91	698588	13.819	ppbv	98
67) sec-Butylbenzene	17.269	105	5527376	10.004	ppbv	100
69) p-Isopropyltoluene	17.625	119	4563463	10.224	ppbv	99
70) n-Butylbenzene	18.519	91	4928036	10.392	ppbv	100
71) 2-Chlorotoluene	15.426	91	3488362	10.252	ppbv	98
72) 4-Ethyltoluene	15.812	105	3542880	10.301	ppbv	99
73) 1,3,5-Trimethylbenzene	15.970	105	3294379	10.640	ppbv	99
74) 1,2,4-Trimethylbenzene	16.735	105	3538811	10.438	ppbv	99
75) 1,3-Dichlorobenzene	16.966	146	1922110	10.348	ppbv	99
76) 1,4-Dichlorobenzene	17.111	146	1881150	10.294	ppbv	98
77) 1,2-Dichlorobenzene	17.786	146	1902954	10.358	ppbv	99
78) Hexachloro-1,3-Butadiene	23.345	225	1549756	9.179	ppbv	99
79) Naphthalene	22.159	128	3103565	11.270	ppbv	99
80) Naphthalene,2-methyl-	24.947	142	886424	10.640	ppbv	98
81) 1,2,4-Trichlorobenzene	21.895	180	1674660	10.378	ppbv	99

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



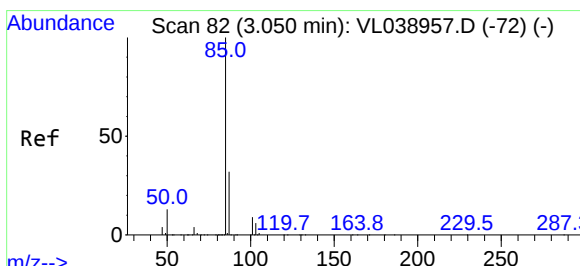
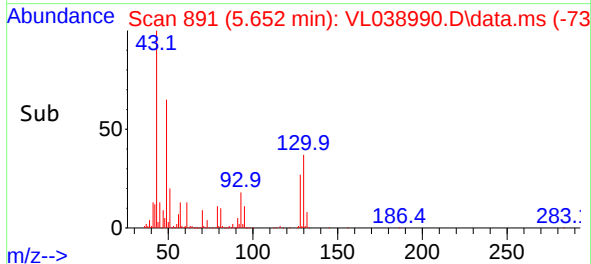
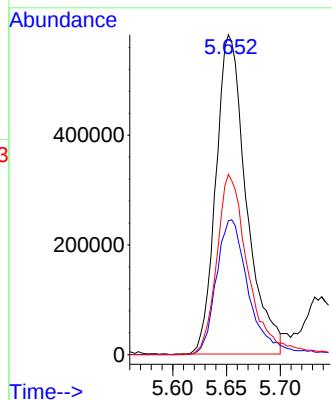
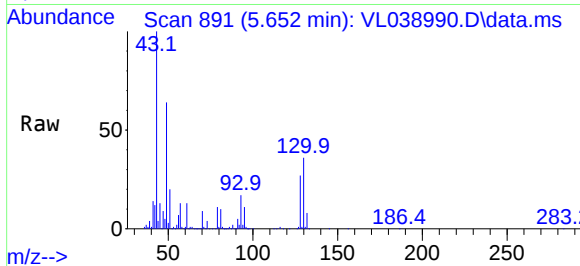
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.652 min Scan# 80
Delta R.T. -0.013 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion: 49 Resp: 114445
Ion Ratio Lower Upper
49 100
128 45.8 23.3 69.8
130 59.1 29.8 89.3

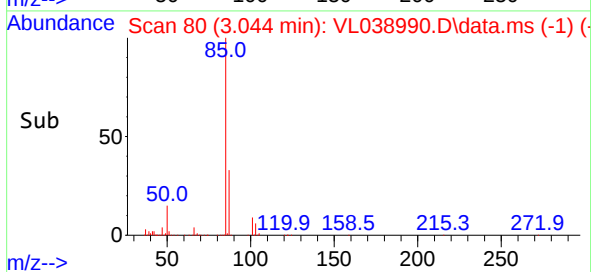
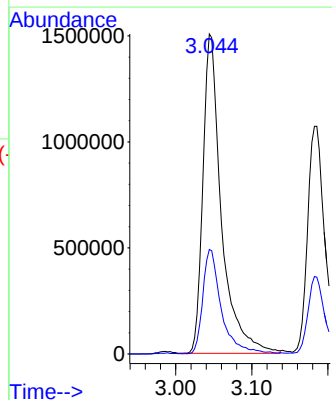
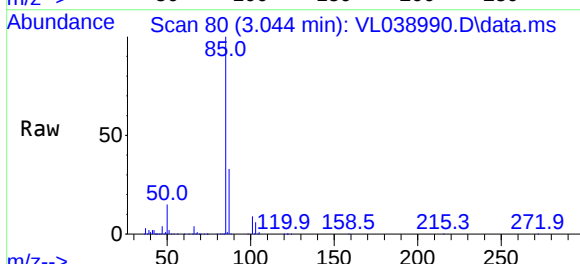
Manual Integrations
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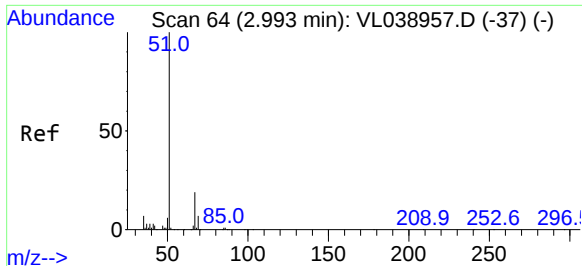
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#2
Dichlorodifluoromethane
Concen: 14.203 ppbv
RT: 3.044 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

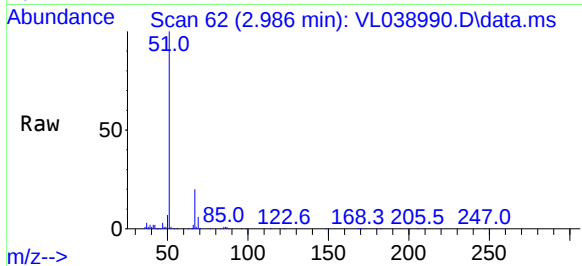
Tgt Ion: 85 Resp: 2546938
Ion Ratio Lower Upper
85 100
87 32.6 25.7 38.5





#3
Chlorodifluoromethane
Concen: 10.253 ppbv
RT: 2.986 min Scan# 61
Delta R.T. -0.006 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

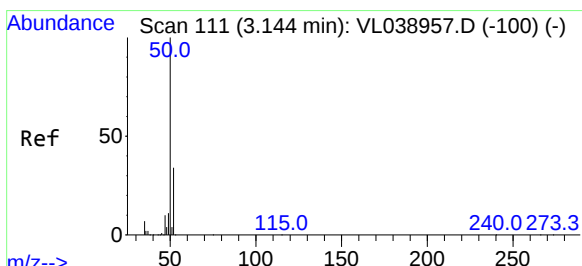
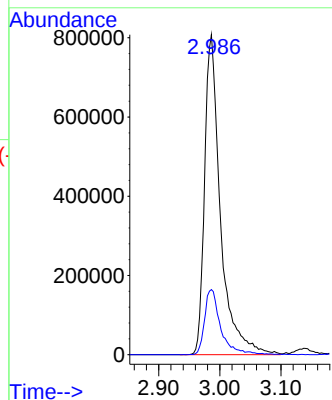
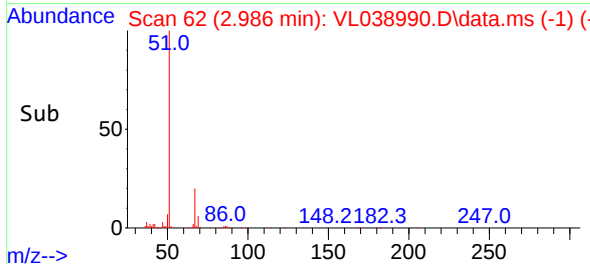
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



Tgt Ion: 51 Resp: 145603
Ion Ratio Lower Upper
51 100
67 20.8 15.8 23.8

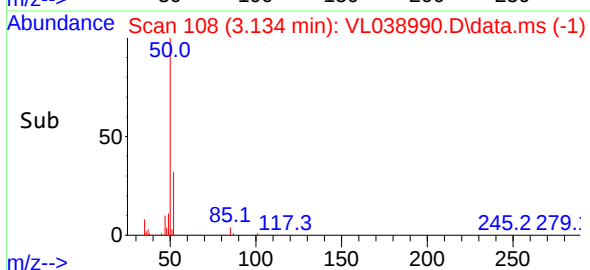
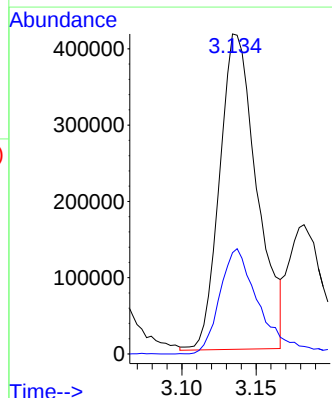
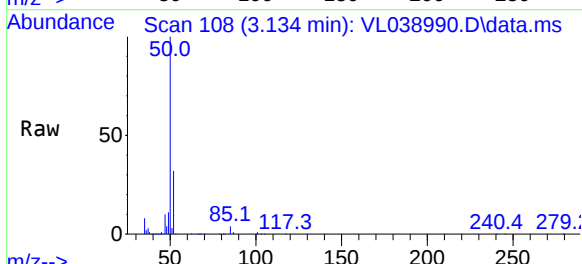
Manual Integrations
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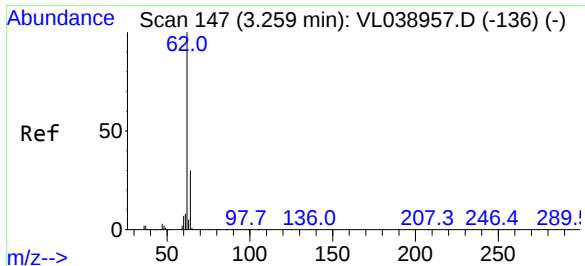
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#4
Chloromethane
Concen: 10.158 ppbv
RT: 3.134 min Scan# 108
Delta R.T. -0.010 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

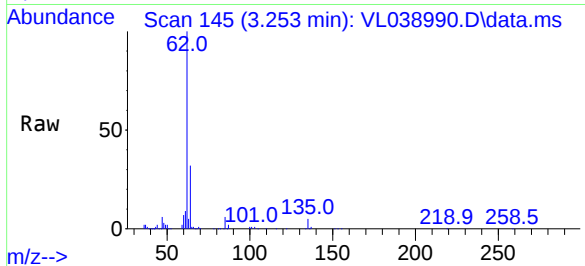
Tgt Ion: 50 Resp: 722444
Ion Ratio Lower Upper
50 100
52 32.2 27.3 40.9





#5
 Vinyl Chloride
 Concen: 11.203 ppbv
 RT: 3.253 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VL038990.D
 Acq: 9 May 2022 16:25

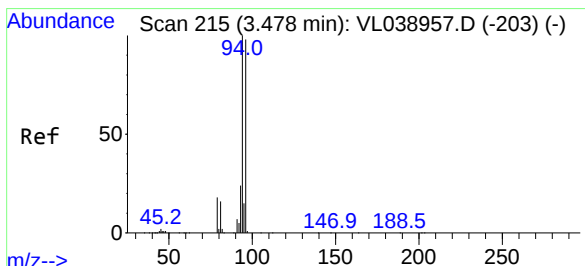
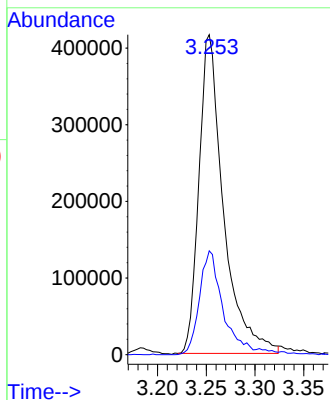
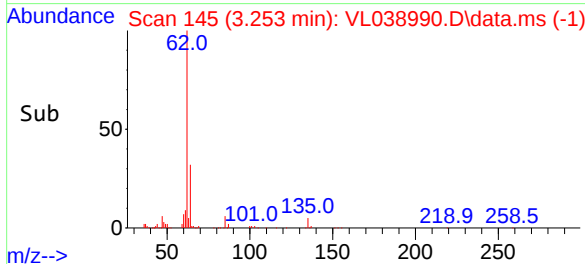
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0509ABS01



Tgt Ion: 62 Resp: 727548
 Ion Ratio Lower Upper
 62 100
 64 32.4 24.2 36.4

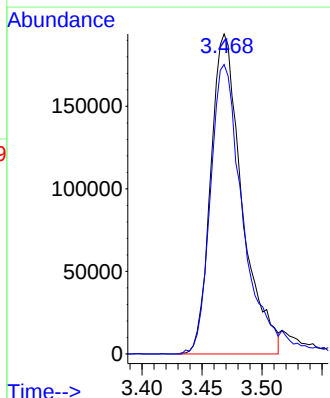
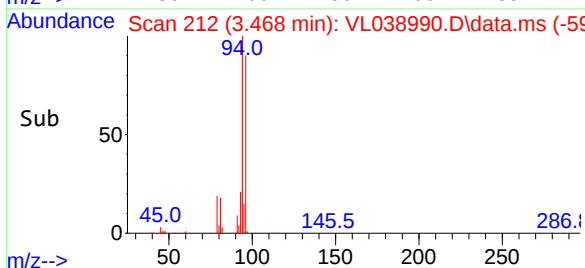
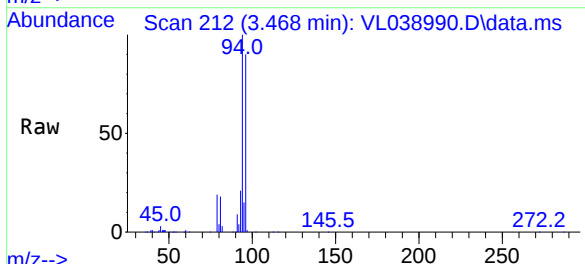
Manual Integrations
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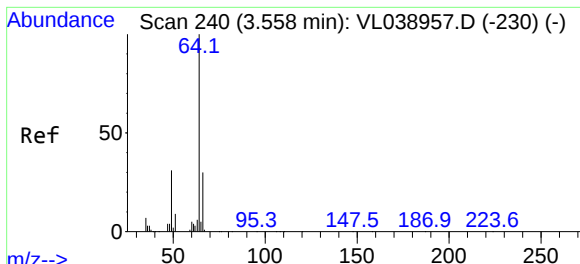
Reviewed By :Semsettin Yesilyurt 05/10/2022
 Supervised By :Mahesh Dadoda 05/11/2022



#6
 Bromomethane
 Concen: 11.444 ppbv
 RT: 3.468 min Scan# 212
 Delta R.T. -0.010 min
 Lab File: VL038990.D
 Acq: 9 May 2022 16:25

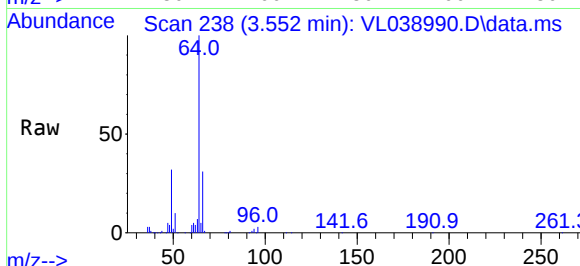
Tgt Ion: 94 Resp: 351090
 Ion Ratio Lower Upper
 94 100
 96 90.5 78.1 117.1





#7
Chloroethane
Concen: 12.066 ppbv
RT: 3.552 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

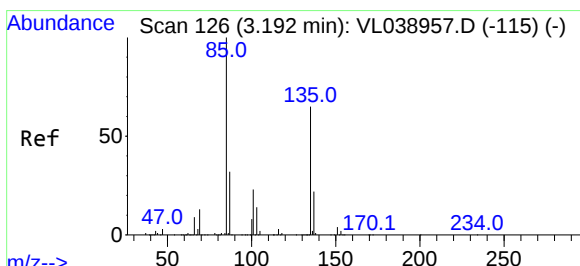
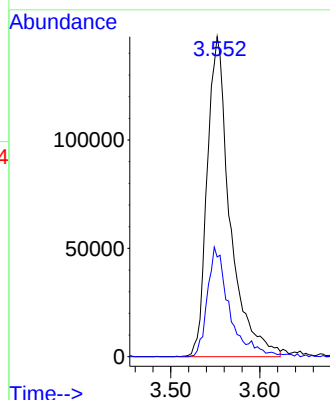
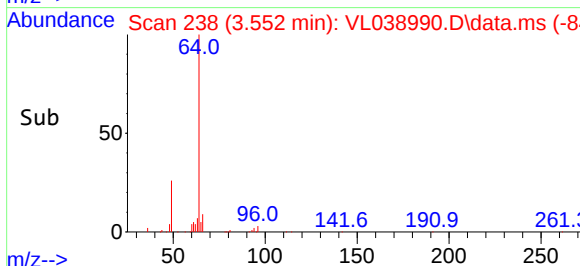
Instrument : MSVOA_L
ClientSampleId : VL0509ABS01



Tgt Ion: 64 Resp: 26227
Ion Ratio Lower Upper
64 100
66 31.2 23.8 35.8

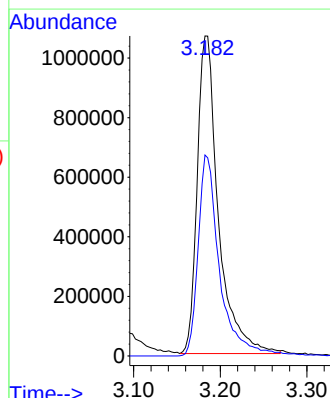
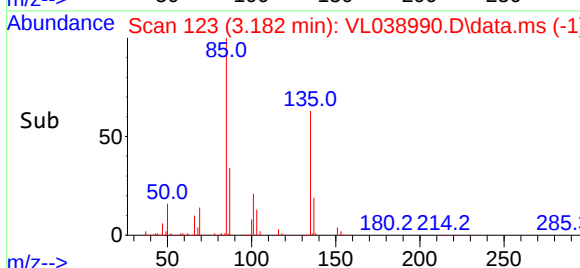
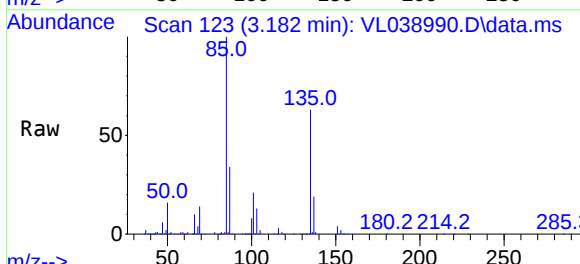
Manual Integrations
APPROVED

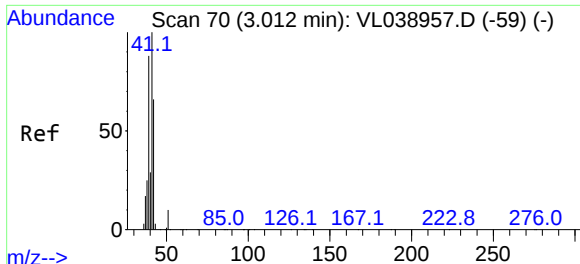
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#8
Dichlorotetrafluoroethane
Concen: 11.137 ppbv
RT: 3.182 min Scan# 123
Delta R.T. -0.010 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

Tgt Ion: 85 Resp: 1809885
Ion Ratio Lower Upper
85 100
135 65.0 53.6 80.4





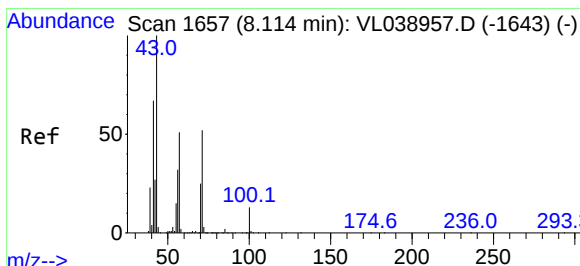
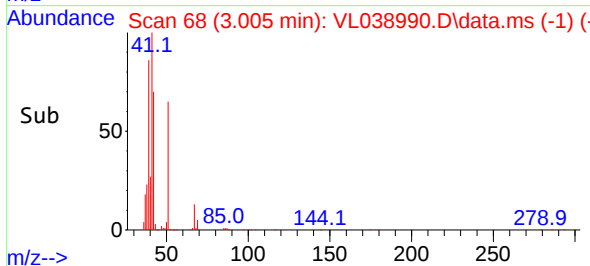
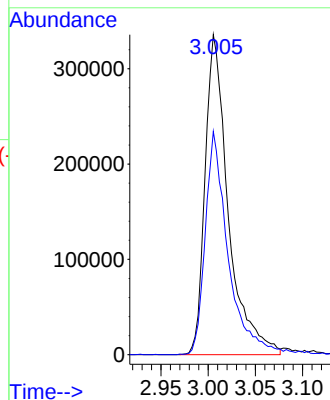
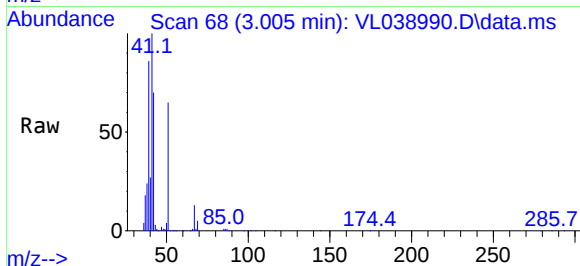
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Propene
Concen: 9.247 ppbv
RT: 3.005 min Scan# 61
Delta R.T. -0.006 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion: 41 Resp: 57345
Ion Ratio Lower Upper
41 100
42 69.9 58.3 87.5

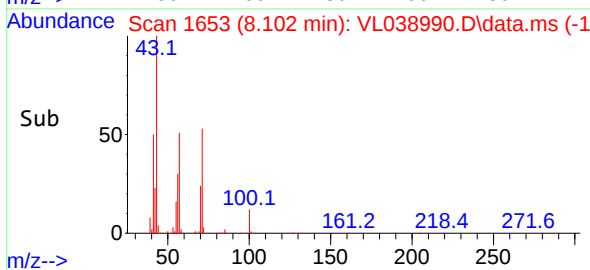
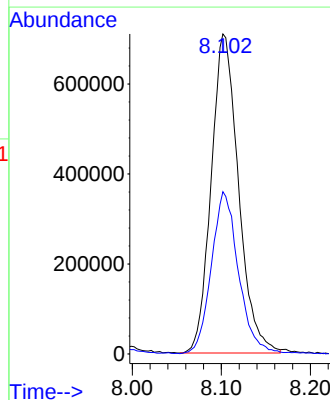
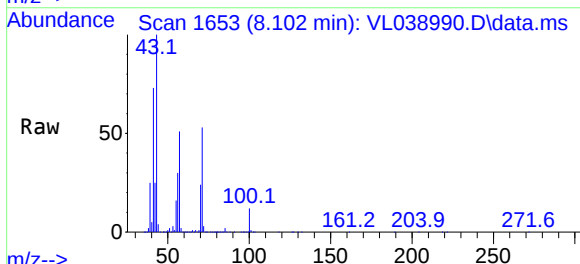
Manual Integrations
APPROVED

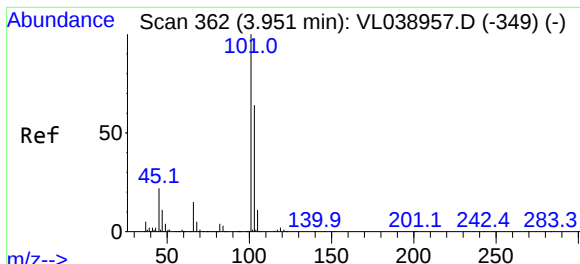
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#10
Heptane
Concen: 9.928 ppbv
RT: 8.102 min Scan# 1653
Delta R.T. -0.013 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

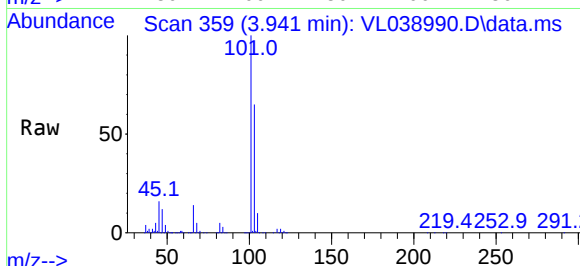
Tgt Ion: 43 Resp: 1510559
Ion Ratio Lower Upper
43 100
57 50.8 40.5 60.7





#11
 Trichlorofluoromethane
 Concen: 11.710 ppbv
 RT: 3.941 min Scan# 31
 Delta R.T. -0.010 min
 Lab File: VL038990.D
 Acq: 9 May 2022 16:25

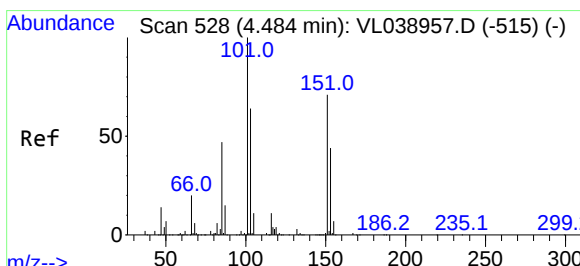
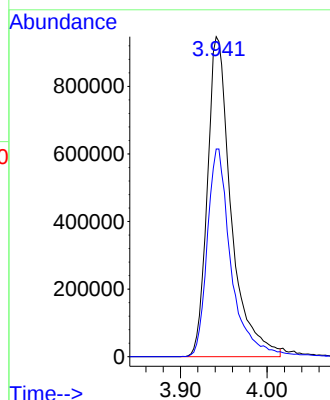
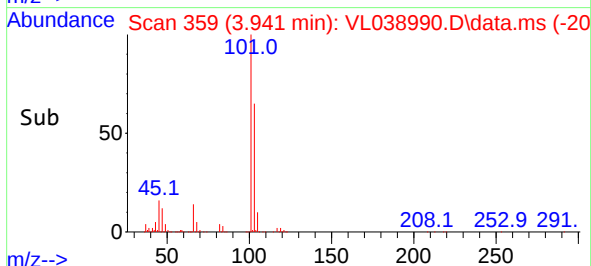
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0509ABS01



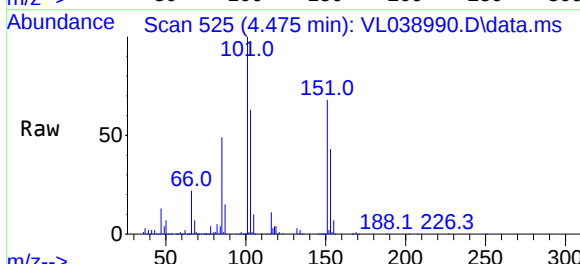
Tgt Ion:101 Resp: 1801604
 Ion Ratio Lower Upper
 101 100
 103 64.9 51.5 77.3

Manual Integrations
 APPROVED

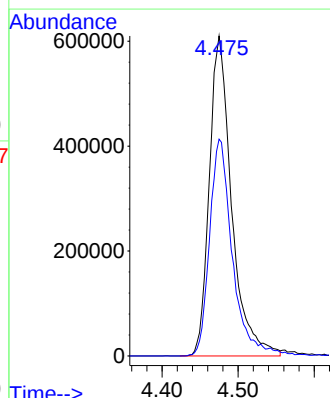
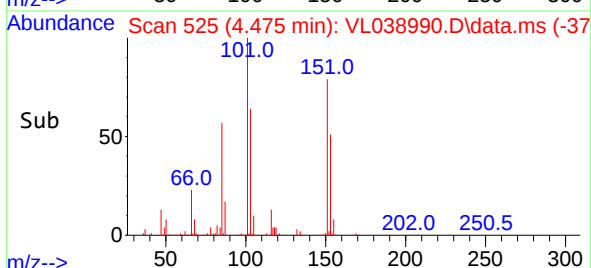
Reviewed By :Semsettin Yesilyurt 05/10/2022
 Supervised By :Mahesh Dadoda 05/11/2022

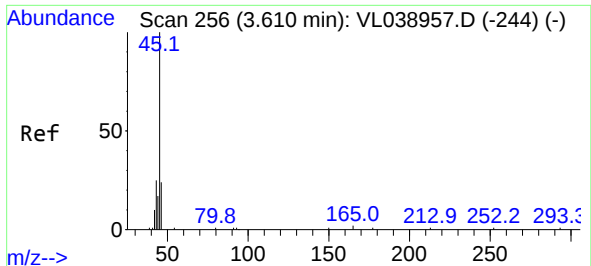


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.722 ppbv
 RT: 4.475 min Scan# 525
 Delta R.T. -0.010 min
 Lab File: VL038990.D
 Acq: 9 May 2022 16:25



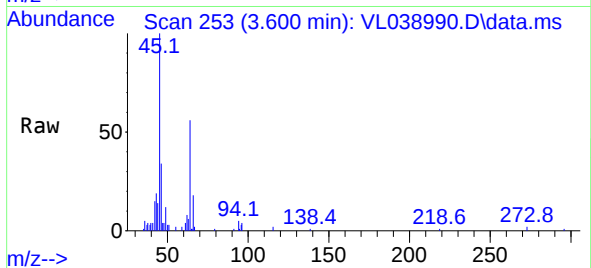
Tgt Ion:101 Resp: 1242334
 Ion Ratio Lower Upper
 101 100
 151 69.8 55.4 83.0





#13
Ethanol
Concen: 6.907 ppbv
RT: 3.600 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

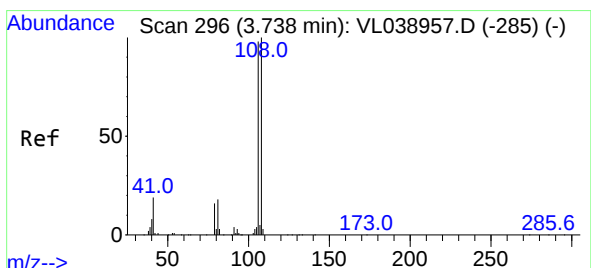
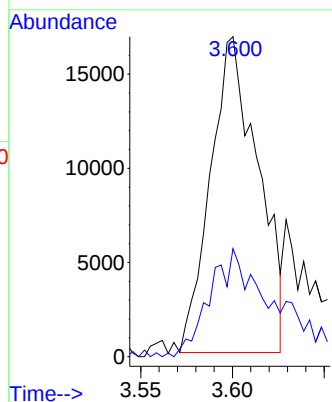
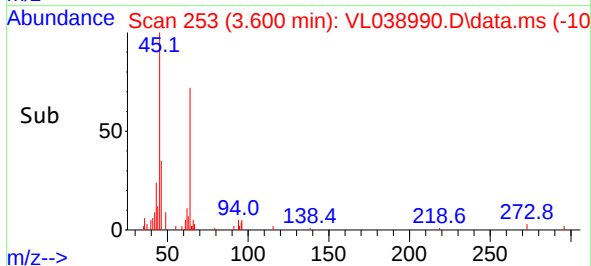
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



Tgt Ion: 45 Resp: 3031
Ion Ratio Lower Upper
45 100
46 50.2 18.0 72.2

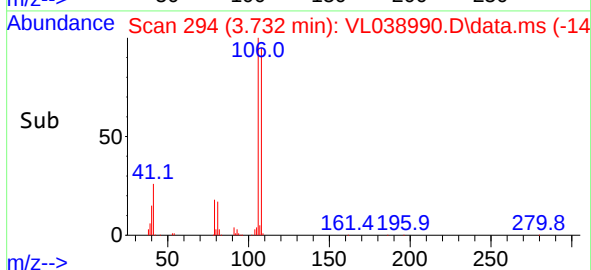
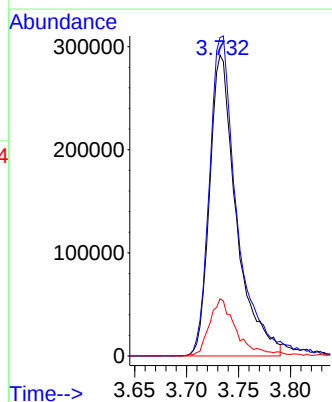
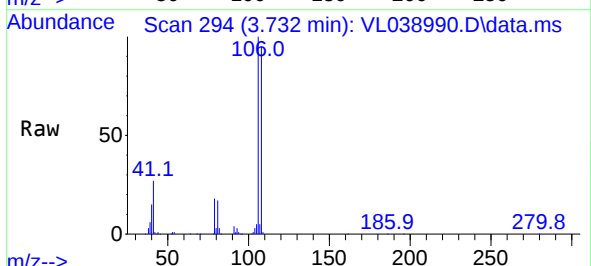
Manual Integrations
APPROVED

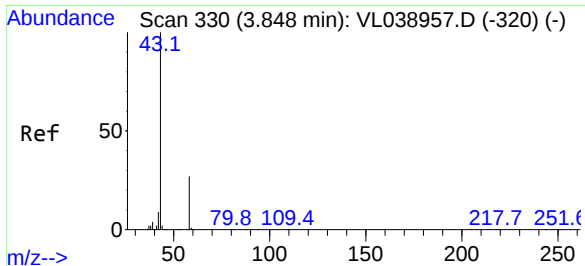
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#14
Bromoethene
Concen: 11.916 ppbv
RT: 3.732 min Scan# 294
Delta R.T. -0.006 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

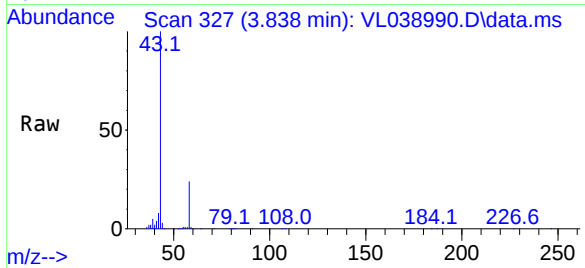
Tgt Ion:108 Resp: 520794
Ion Ratio Lower Upper
108 100
106 111.5 90.3 135.5
79 20.1 14.9 22.3





#15
Acetone
Concen: 11.237 ppbv
RT: 3.838 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

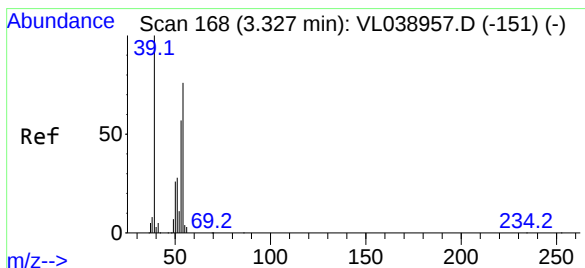
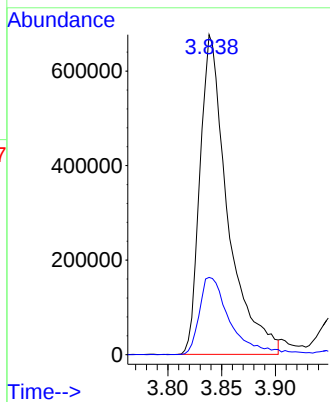
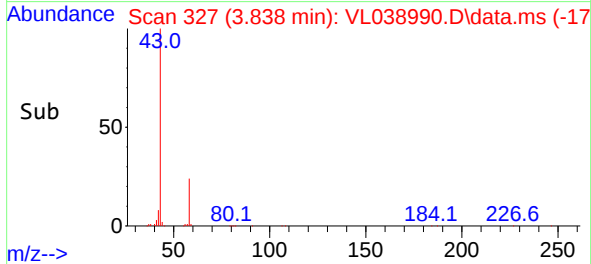
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



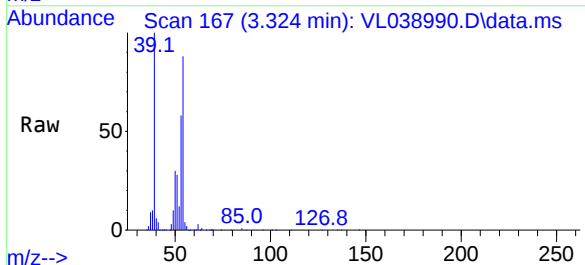
Tgt Ion: 43 Resp: 1213070
Ion Ratio Lower Upper
43 100
58 27.1 21.3 31.9

Manual Integrations
APPROVED

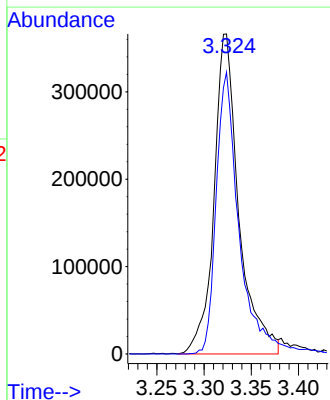
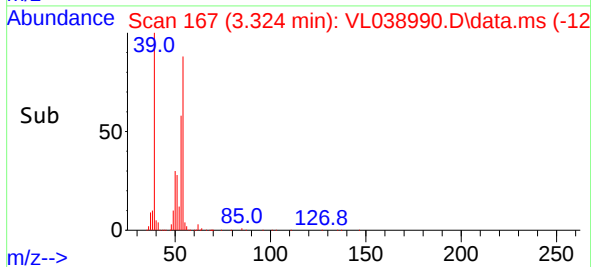
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022

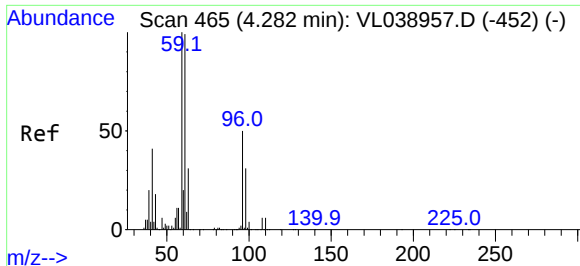


#16
1,3-Butadiene
Concen: 10.808 ppbv
RT: 3.324 min Scan# 167
Delta R.T. -0.003 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25



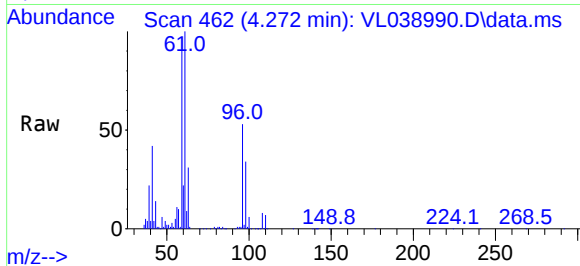
Tgt Ion: 39 Resp: 670350
Ion Ratio Lower Upper
39 100
54 82.4 65.2 97.8





#17
tert-Butyl alcohol
Concen: 10.657 ppbv
RT: 4.272 min Scan# 462
Delta R.T. -0.010 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

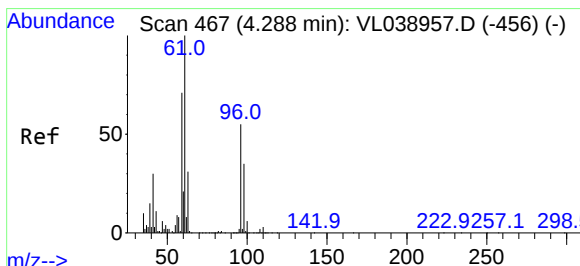
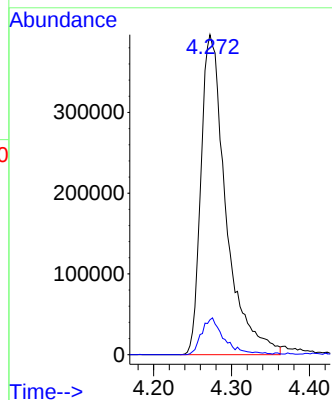
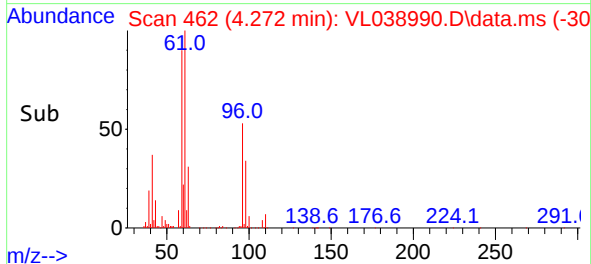
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



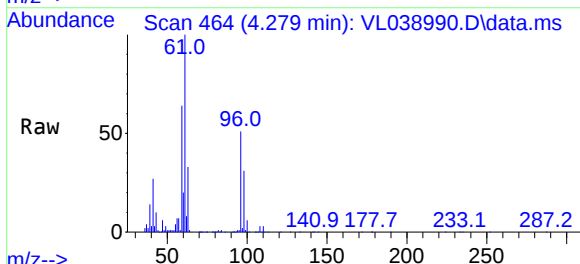
Tgt Ion: 59 Resp: 884240
Ion Ratio Lower Upper
59 100
57 10.6 9.2 13.8

Manual Integrations
APPROVED

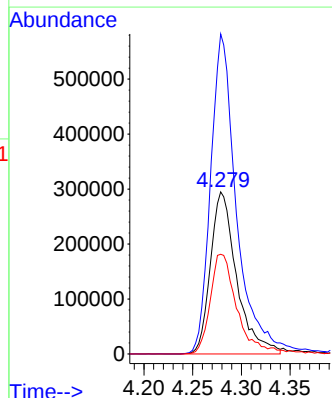
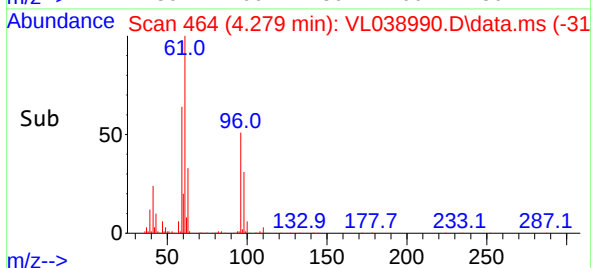
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022

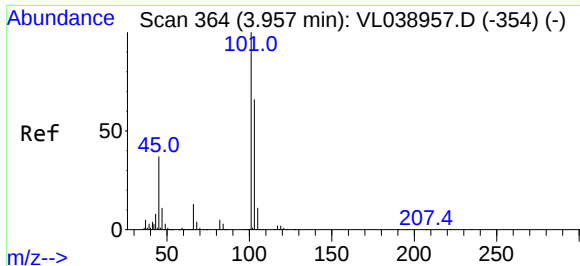


#18
1,1-Dichloroethene
Concen: 12.109 ppbv
RT: 4.279 min Scan# 464
Delta R.T. -0.010 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25



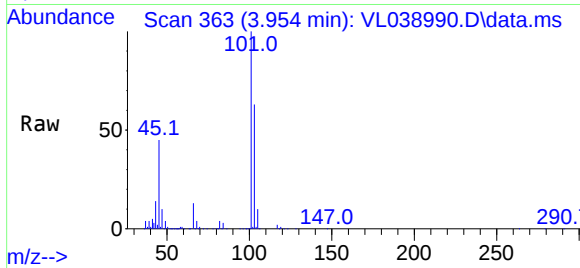
Tgt Ion: 96 Resp: 552314
Ion Ratio Lower Upper
96 100
61 197.4 146.3 219.5
98 61.5 50.6 75.8





#19
Isopropyl Alcohol
Concen: 10.467 ppbv
RT: 3.954 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

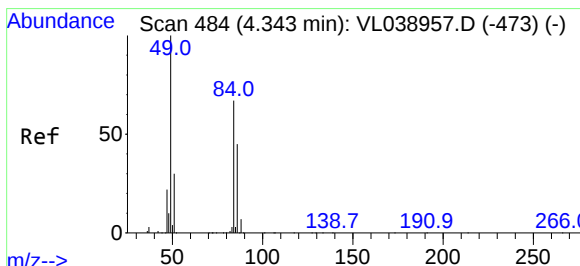
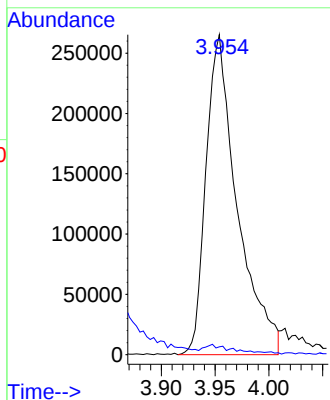
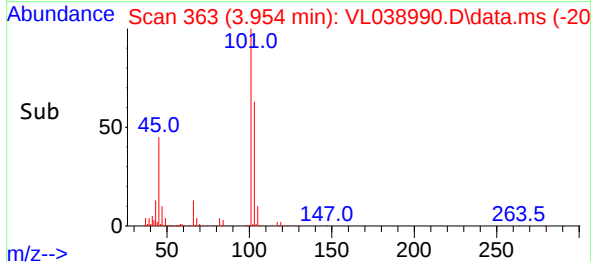
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



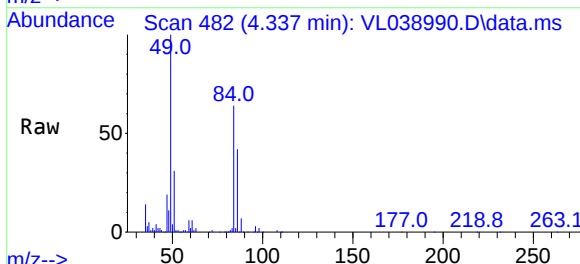
Tgt Ion: 45 Resp: 537245
Ion Ratio Lower Upper
45 100
58 4.2 1.4 2.2

Manual Integrations
APPROVED

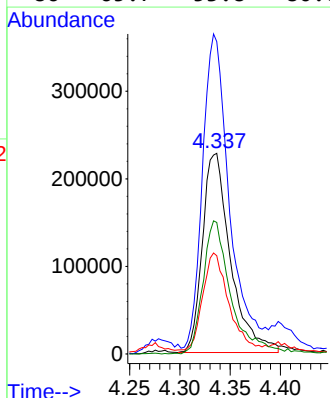
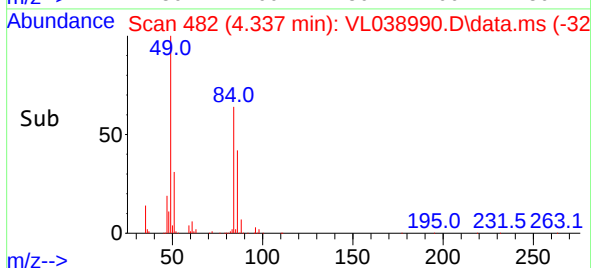
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022

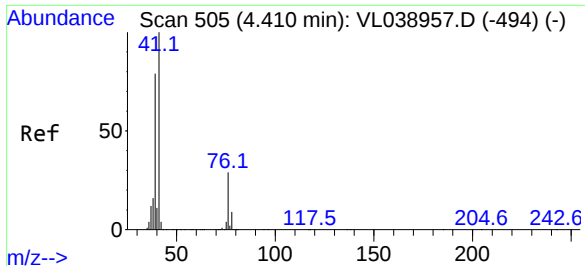


#20
Methylene Chloride
Concen: 10.886 ppbv
RT: 4.337 min Scan# 482
Delta R.T. -0.006 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25



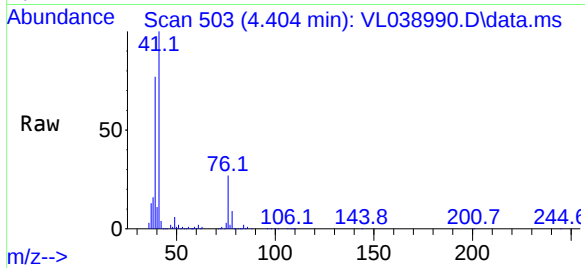
Tgt Ion: 84 Resp: 442947
Ion Ratio Lower Upper
84 100
49 151.9 119.9 179.9
51 47.3 35.7 53.5
86 65.7 53.8 80.6





#21
 Allyl Chloride
 Concen: 11.928 ppbv
 RT: 4.404 min Scan# 505
 Delta R.T. -0.006 min
 Lab File: VL038990.D
 Acq: 9 May 2022 16:25

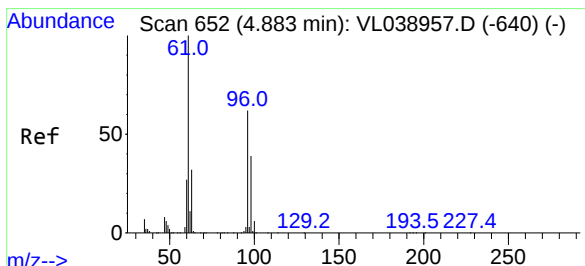
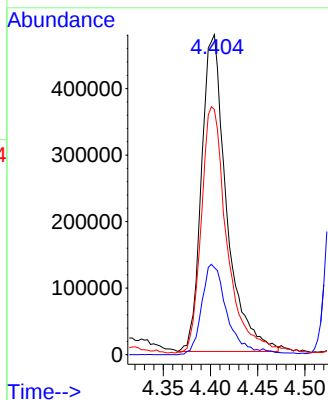
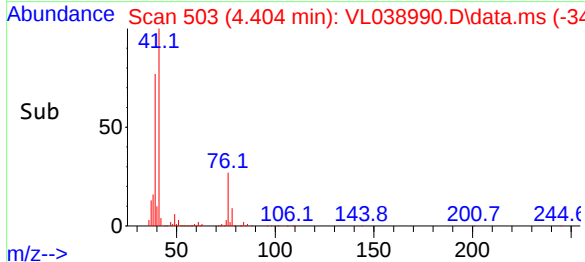
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0509ABS01



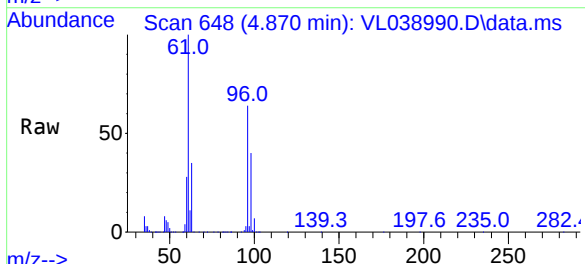
Tgt Ion: 41 Resp: 877480
 Ion Ratio Lower Upper
 41 100
 76 29.4 24.2 36.4
 39 80.8 63.8 95.8

Manual Integrations
 APPROVED

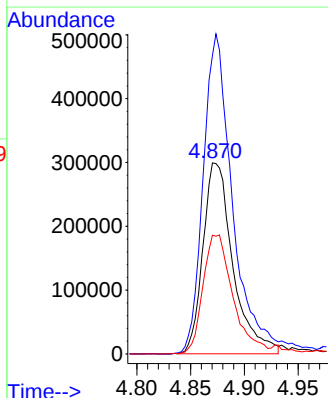
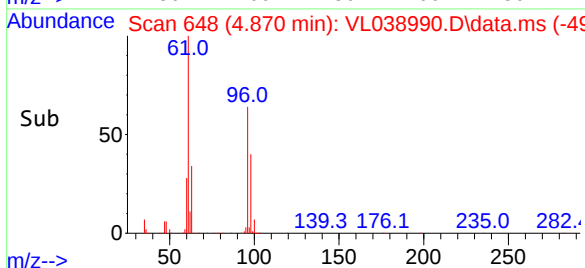
Reviewed By :Semsettin Yesilyurt 05/10/2022
 Supervised By :Mahesh Dadoda 05/11/2022

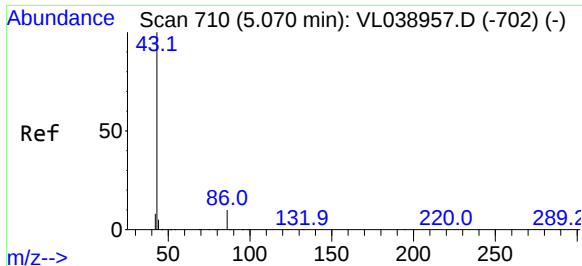


#22
 trans-1,2-Dichloroethene
 Concen: 11.787 ppbv
 RT: 4.870 min Scan# 648
 Delta R.T. -0.013 min
 Lab File: VL038990.D
 Acq: 9 May 2022 16:25



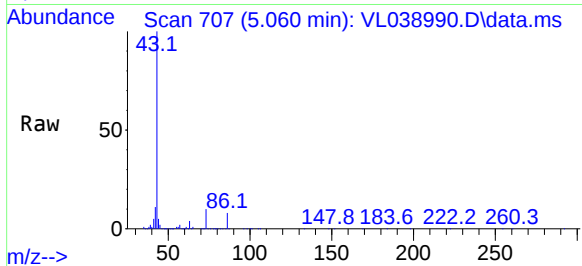
Tgt Ion: 96 Resp: 580756
 Ion Ratio Lower Upper
 96 100
 61 155.8 128.2 192.2
 98 62.0 50.1 75.1





#23
 Vinyl Acetate
 Concen: 11.781 ppbv
 RT: 5.060 min Scan# 707
 Delta R.T. -0.010 min
 Lab File: VL038990.D
 Acq: 9 May 2022 16:25

Instrument : MSVOA_L
 ClientSampleId : VL0509ABS01

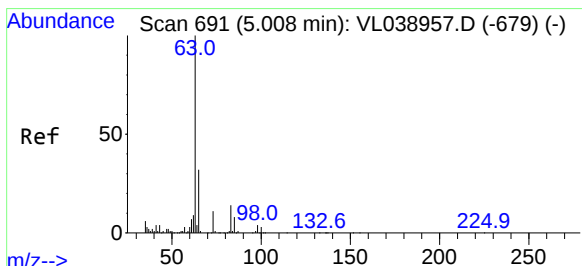
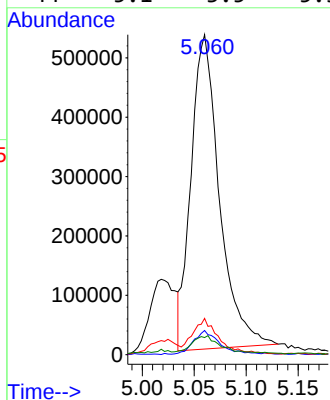
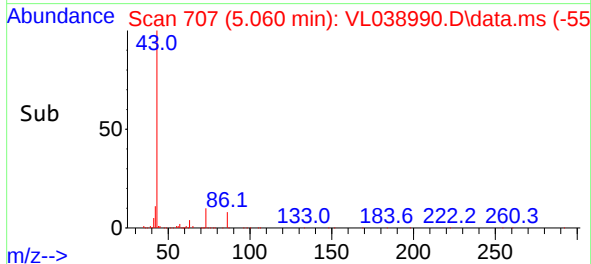


Tgt Ion: 43 Resp: 1006334

Ion	Ratio	Lower	Upper
43	100		
86	7.6	6.6	9.8
42	11.4	8.1	12.1
44	5.1	3.5	5.3

Manual Integrations
 APPROVED

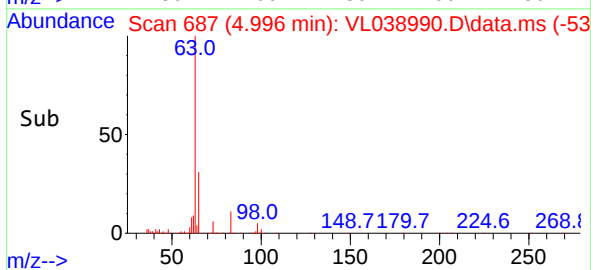
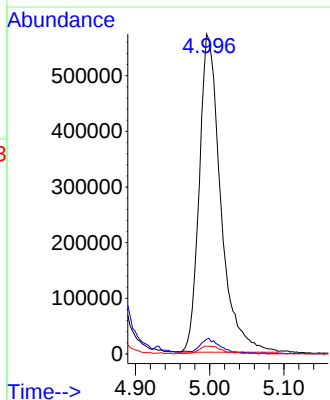
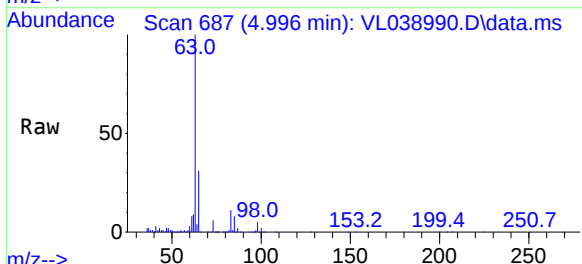
Reviewed By :Semsettin Yesilyurt 05/10/2022
 Supervised By :Mahesh Dadoda 05/11/2022

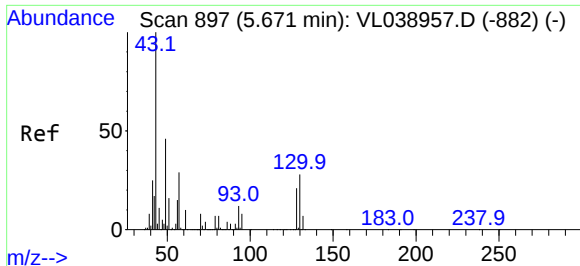


#24
 1,1-Dichloroethane
 Concen: 11.601 ppbv
 RT: 4.996 min Scan# 687
 Delta R.T. -0.013 min
 Lab File: VL038990.D
 Acq: 9 May 2022 16:25

Tgt Ion: 63 Resp: 1141028

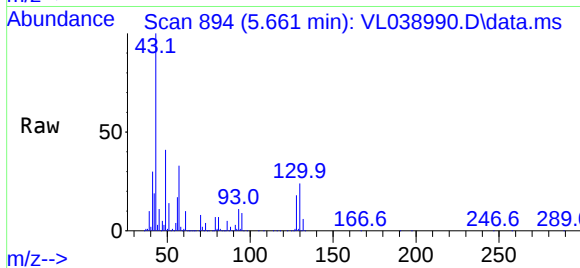
Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.1	6.2
100	2.5	1.4	4.2





#25
Ethyl Acetate
Concen: 10.485 ppbv
RT: 5.661 min Scan# 897
Delta R.T. -0.010 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

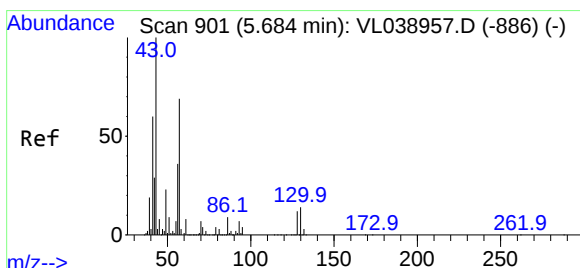
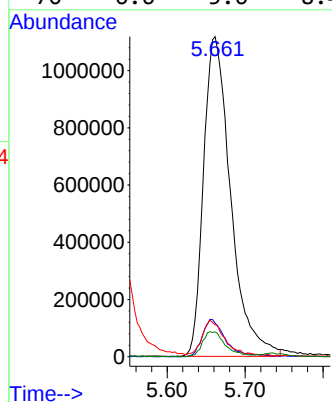
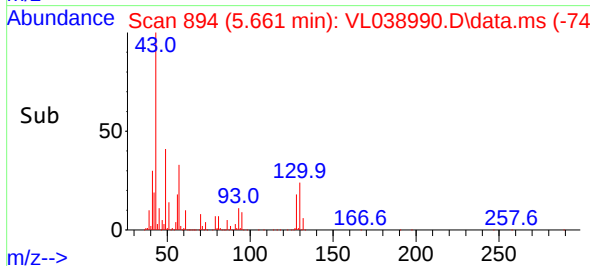
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



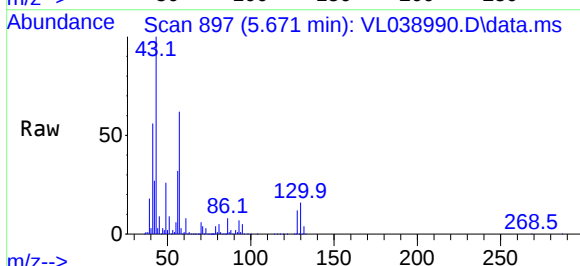
Tgt Ion: 43 Resp: 2709109
Ion Ratio Lower Upper
43 100
45 10.0 8.1 12.1
61 10.0 7.8 11.6
70 6.6 5.6 8.4

Manual Integrations
APPROVED

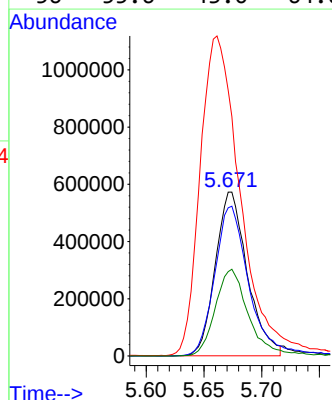
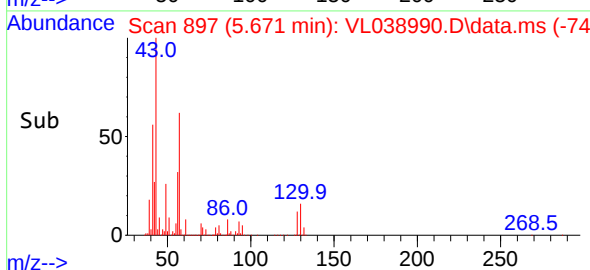
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022

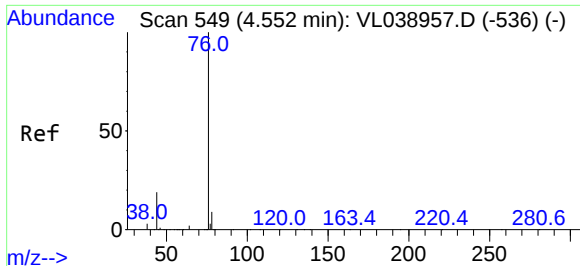


#26
Hexane
Concen: 9.626 ppbv
RT: 5.671 min Scan# 897
Delta R.T. -0.013 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25



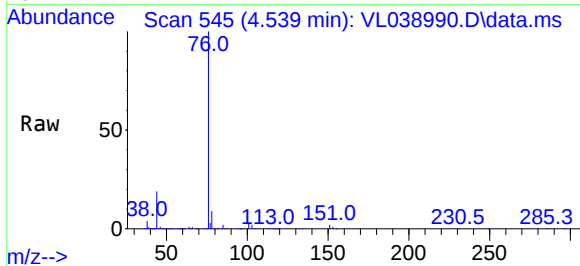
Tgt Ion: 57 Resp: 1105116
Ion Ratio Lower Upper
57 100
41 98.7 75.2 112.8
43 249.1 190.8 286.2
56 55.6 43.0 64.6





#27
Carbon Disulfide
Concen: 12.764 ppbv
RT: 4.539 min Scan# 549
Delta R.T. -0.013 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

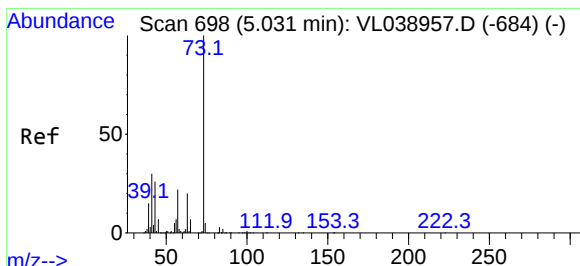
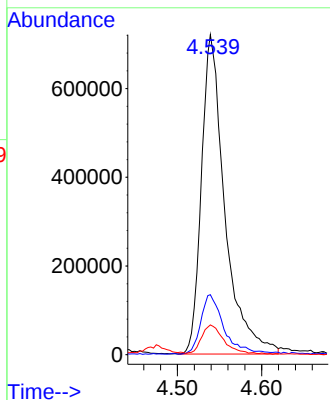
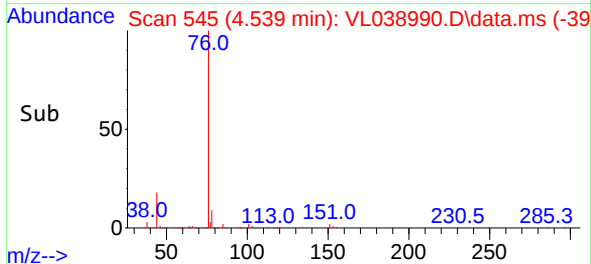
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



Tgt Ion: 76 Resp: 1391997
Ion Ratio Lower Upper
76 100
44 19.1 15.3 22.9
78 9.3 8.2 12.2

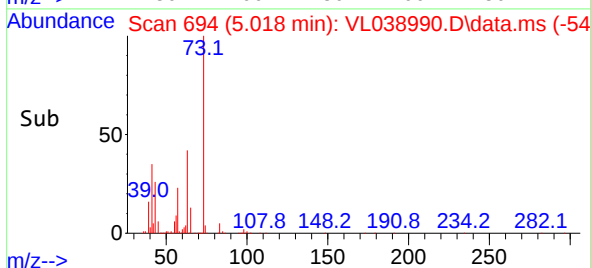
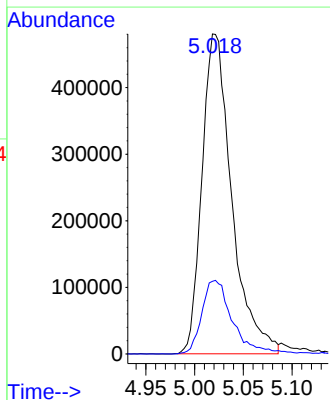
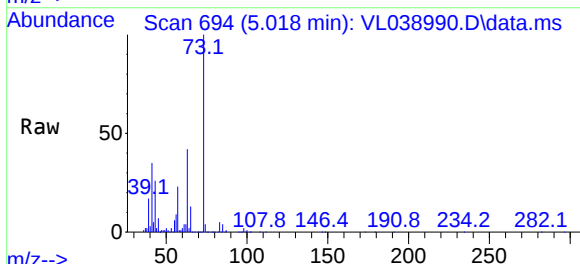
Manual Integrations
APPROVED

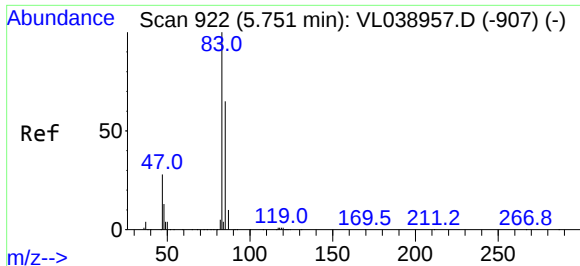
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#28
Methyl tert-Butyl Ether
Concen: 11.676 ppbv
RT: 5.018 min Scan# 694
Delta R.T. -0.013 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

Tgt Ion: 73 Resp: 1019860
Ion Ratio Lower Upper
73 100
57 24.0 18.8 28.2





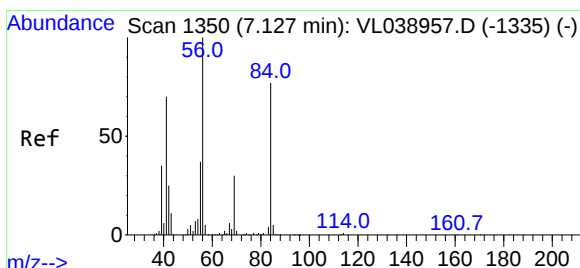
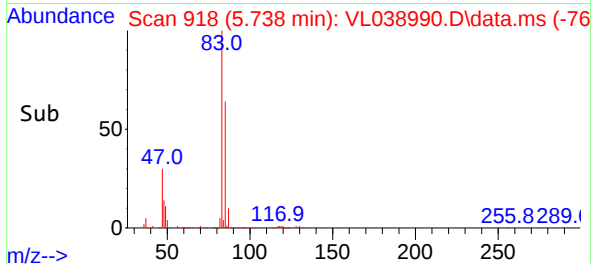
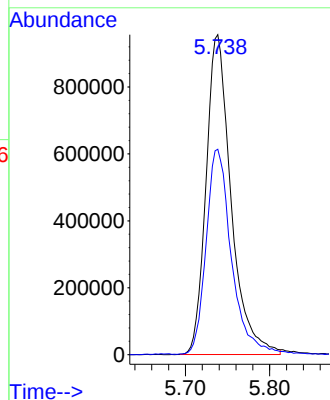
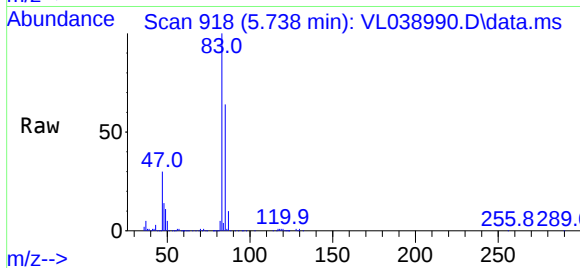
#29
Chloroform
Concen: 10.631 ppbv
RT: 5.738 min Scan# 918
Delta R.T. -0.013 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion: 83 Resp: 197471
Ion Ratio Lower Upper
83 100
85 64.0 51.8 77.6

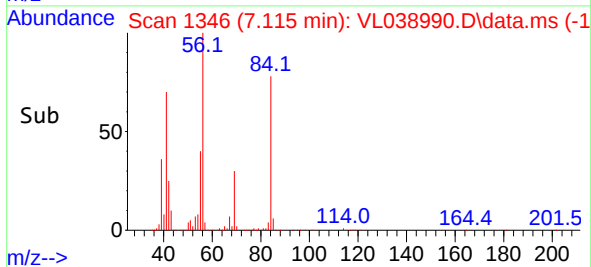
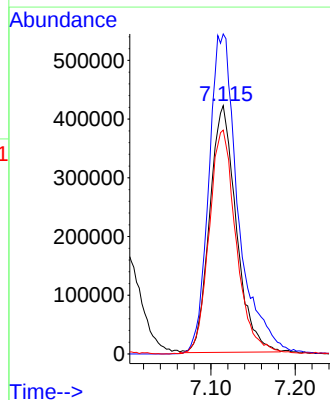
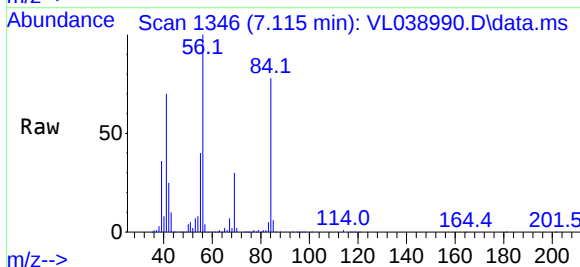
Manual Integrations
APPROVED

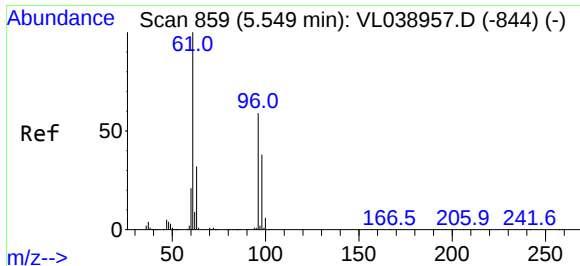
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#30
Cyclohexane
Concen: 9.597 ppbv
RT: 7.115 min Scan# 1346
Delta R.T. -0.013 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

Tgt Ion: 84 Resp: 922441
Ion Ratio Lower Upper
84 100
56 144.3 115.3 172.9
41 93.1 72.0 108.0





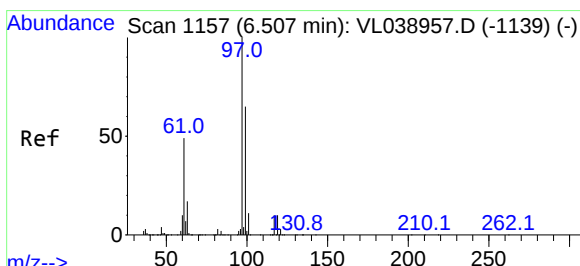
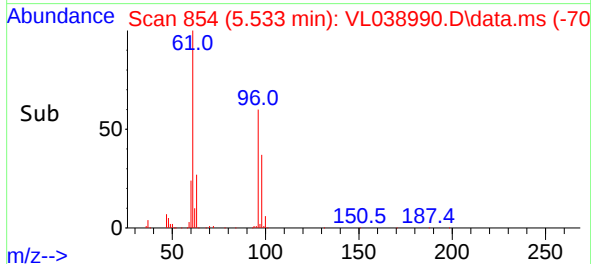
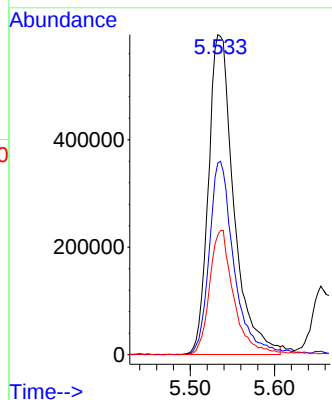
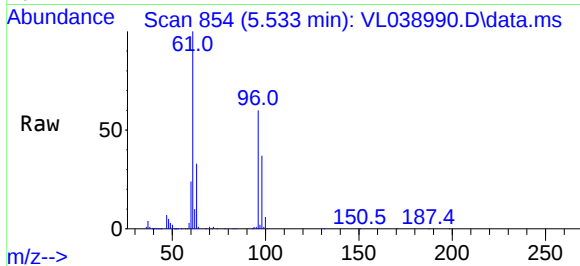
#31
cis-1,2-Dichloroethene
Concen: 10.649 ppbv
RT: 5.533 min Scan# 81
Delta R.T. -0.016 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion: 61 Resp: 124559
Ion Ratio Lower Upper
61 100
96 59.9 47.4 71.0
98 37.4 30.6 45.8

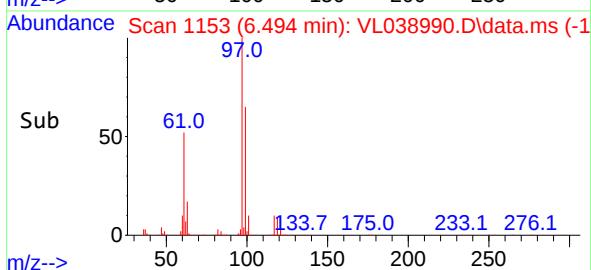
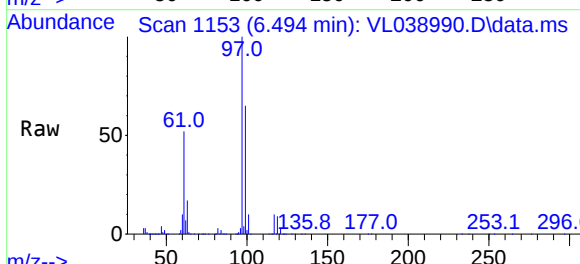
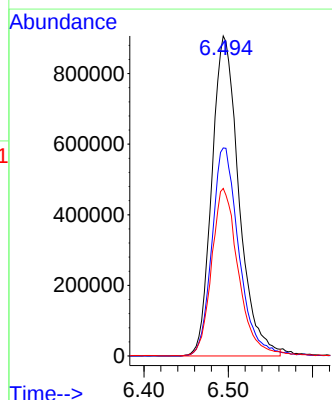
Manual Integrations
APPROVED

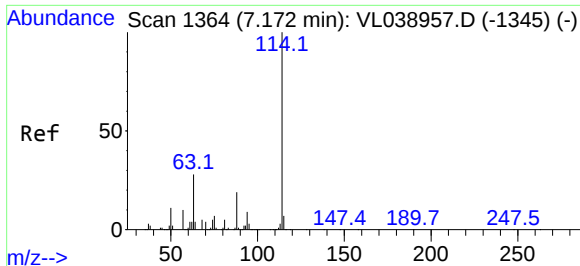
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#32
1,1,1-Trichloroethane
Concen: 10.885 ppbv
RT: 6.494 min Scan# 1153
Delta R.T. -0.013 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

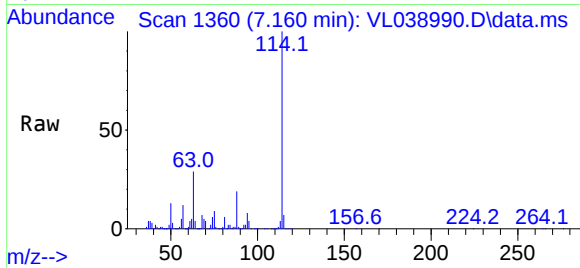
Tgt Ion: 97 Resp: 2021702
Ion Ratio Lower Upper
97 100
99 65.5 51.9 77.9
61 52.6 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

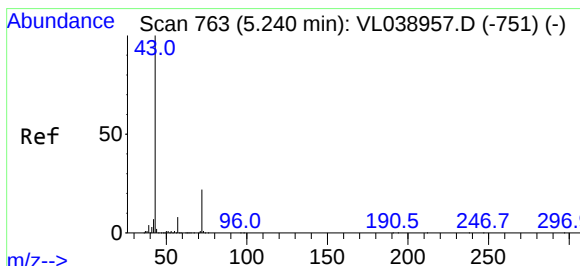
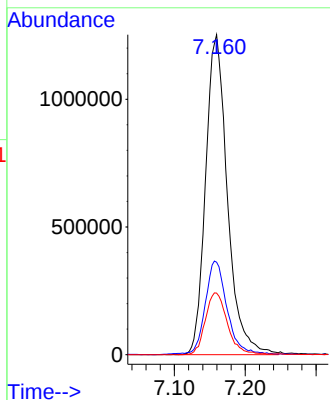
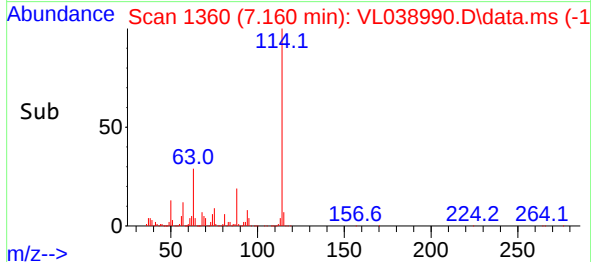
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



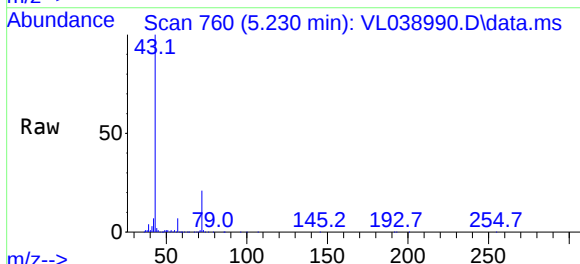
Tgt Ion:114 Resp: 267986
Ion Ratio Lower Upper
114 100
63 29.7 22.6 33.8
88 19.8 15.4 23.0

Manual Integrations
APPROVED

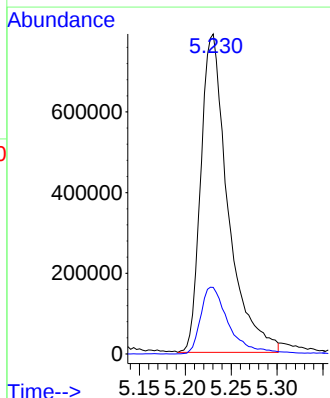
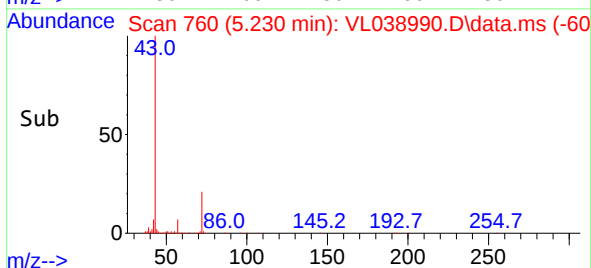
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022

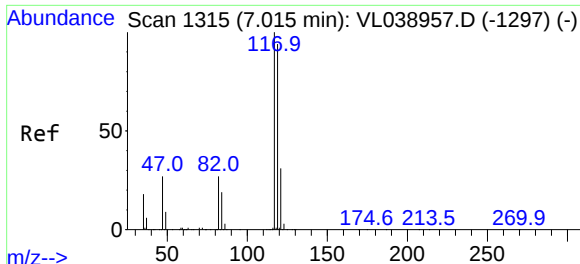


#34
2-Butanone
Concen: 11.906 ppbv
RT: 5.230 min Scan# 760
Delta R.T. -0.010 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25



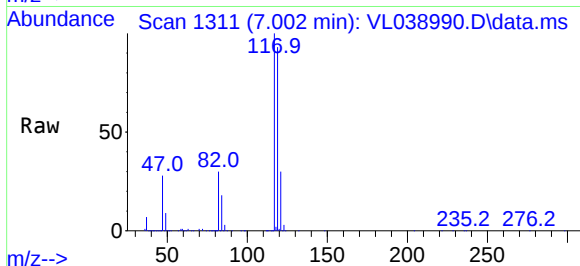
Tgt Ion: 43 Resp: 1627742
Ion Ratio Lower Upper
43 100
72 21.9 17.8 26.6





#35
Carbon Tetrachloride
Concen: 11.943 ppbv
RT: 7.002 min Scan# 1117
Delta R.T. -0.013 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

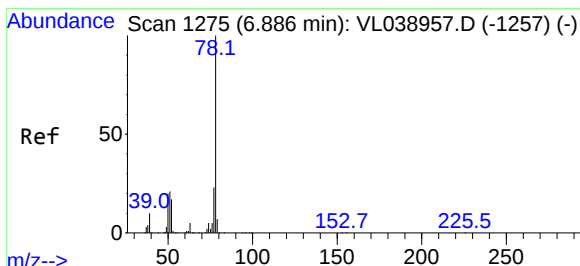
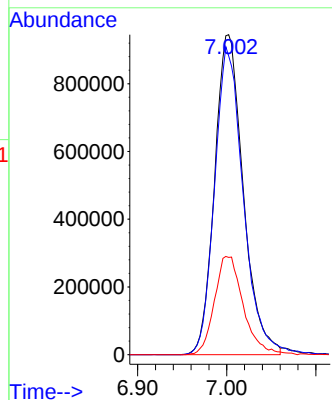
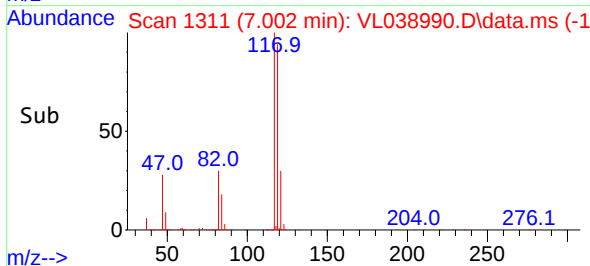
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



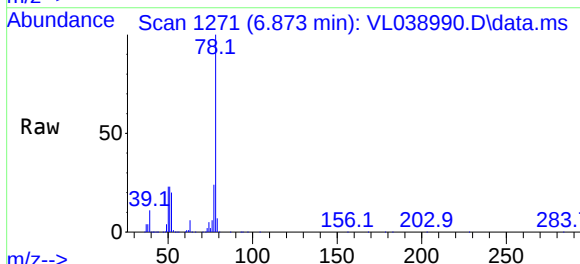
Tgt Ion:117 Resp: 210877
Ion Ratio Lower Upper
117 100
119 93.3 75.2 112.8
121 30.4 24.6 37.0

Manual Integrations
APPROVED

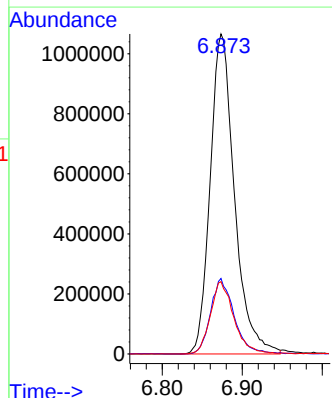
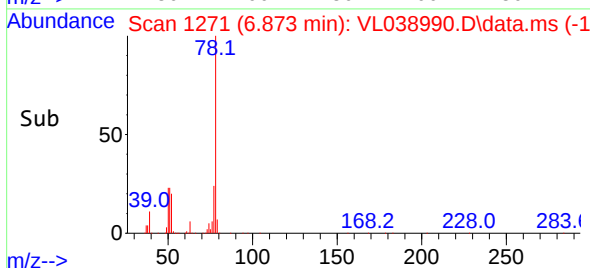
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022

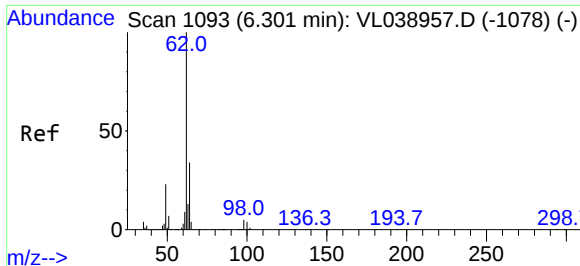


#36
Benzene
Concen: 9.809 ppbv
RT: 6.873 min Scan# 1271
Delta R.T. -0.013 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25



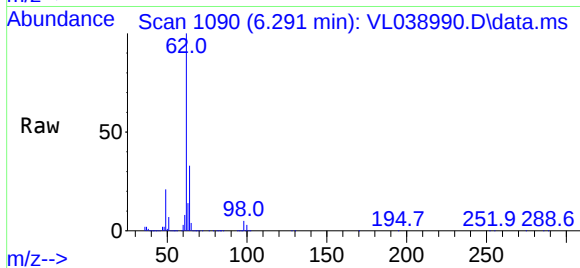
Tgt Ion: 78 Resp: 2249576
Ion Ratio Lower Upper
78 100
77 23.6 18.6 28.0
50 22.6 15.6 23.4





#37
1,2-Dichloroethane
Concen: 11.883 ppbv
RT: 6.291 min Scan# 1093
Delta R.T. -0.010 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

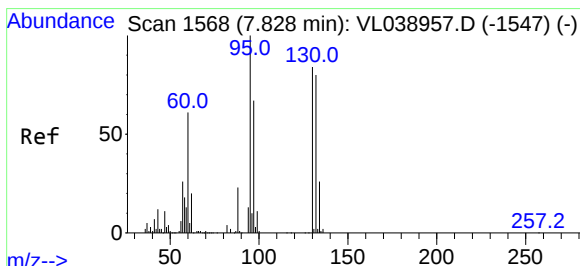
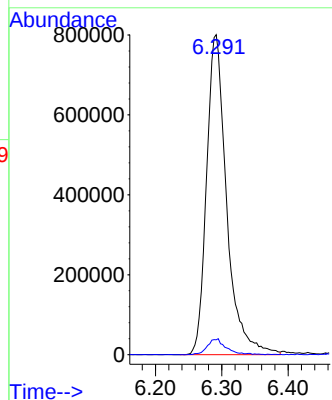
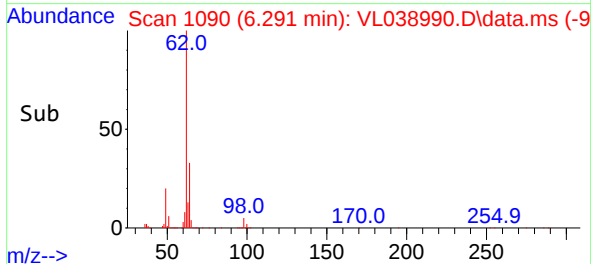
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



Tgt Ion: 62 Resp: 168611
Ion Ratio Lower Upper
62 100
98 4.8 4.5 6.7

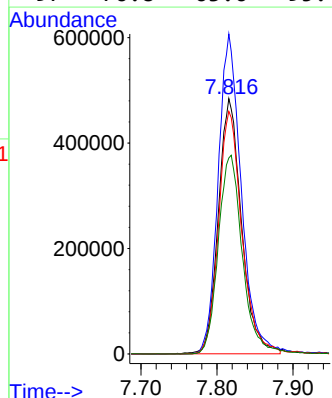
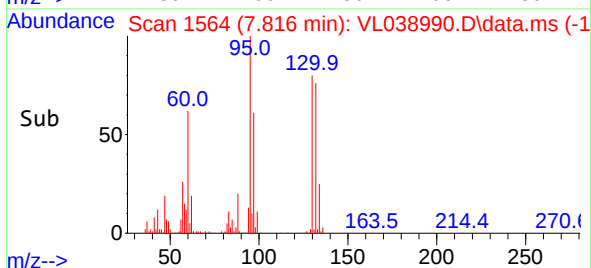
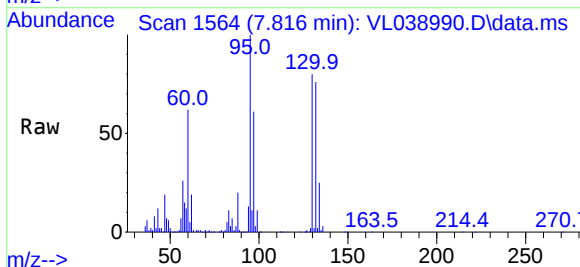
Manual Integrations
APPROVED

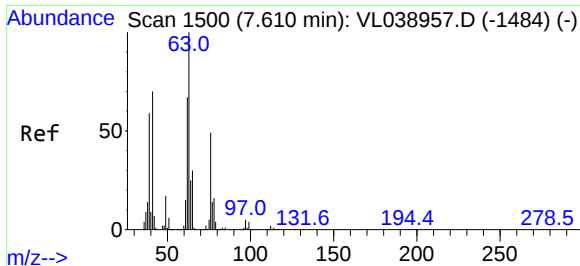
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#38
Trichloroethene
Concen: 10.075 ppbv
RT: 7.816 min Scan# 1564
Delta R.T. -0.013 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

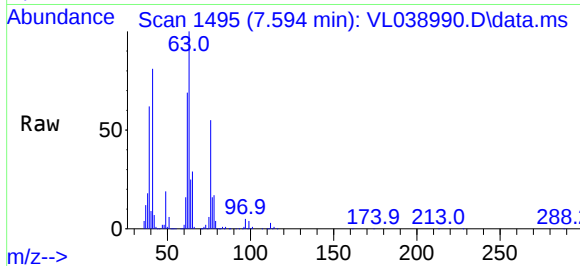
Tgt Ion:130 Resp: 1027192
Ion Ratio Lower Upper
130 100
95 125.4 94.8 142.2
132 95.0 75.8 113.8
97 76.8 63.6 95.4





#39
1,2-Dichloropropane
Concen: 10.144 ppbv
RT: 7.594 min Scan# 1495
Delta R.T. -0.016 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

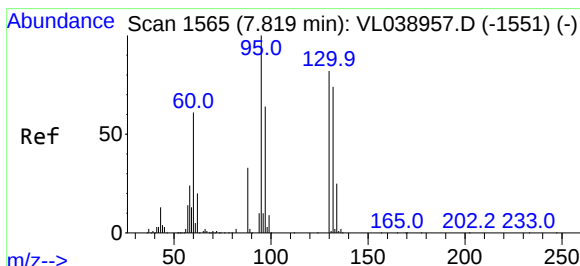
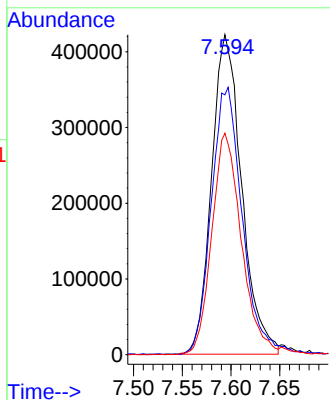
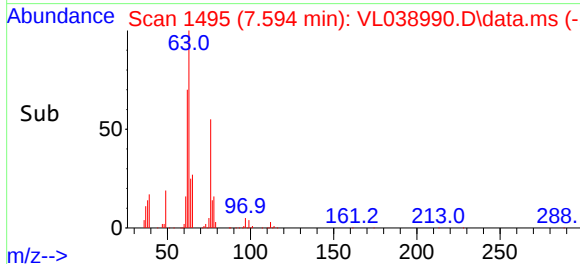
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



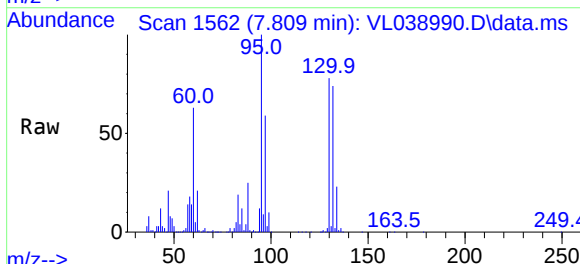
Tgt Ion: 63 Resp: 905222
Ion Ratio Lower Upper
63 100
41 81.2 55.9 83.9
62 69.3 53.8 80.6

Manual Integrations
APPROVED

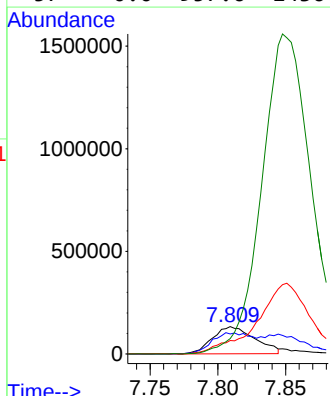
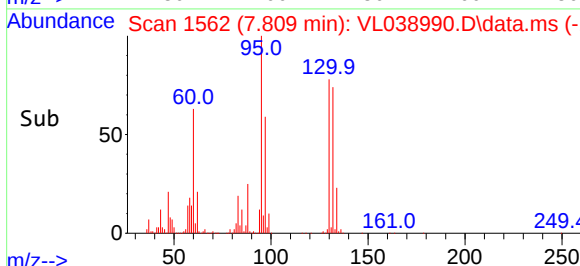
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022

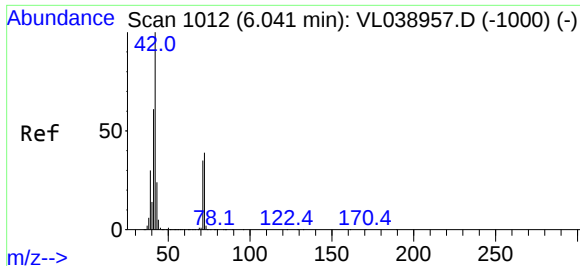


#40
1,4-Dioxane
Concen: 8.995 ppbv
RT: 7.809 min Scan# 1562
Delta R.T. -0.010 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25



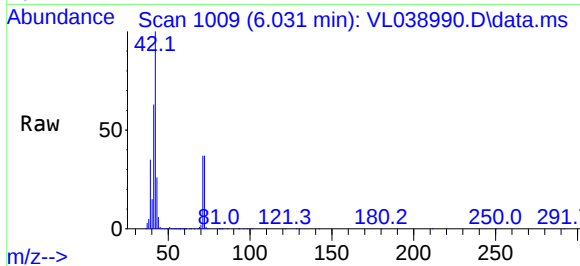
Tgt Ion: 88 Resp: 288286
Ion Ratio Lower Upper
88 100
58 84.3 106.1 159.1#
43 0.0 222.9 334.3#
57 0.0 957.6 1436.4#





#41
Tetrahydrofuran
Concen: 10.316 ppbv
RT: 6.031 min Scan# 1012
Delta R.T. -0.010 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

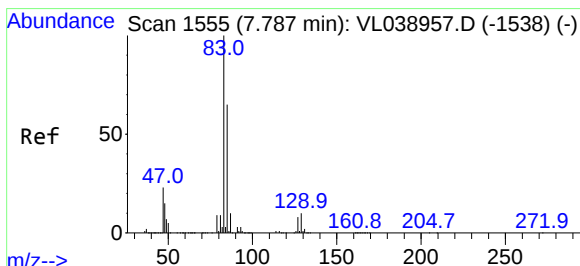
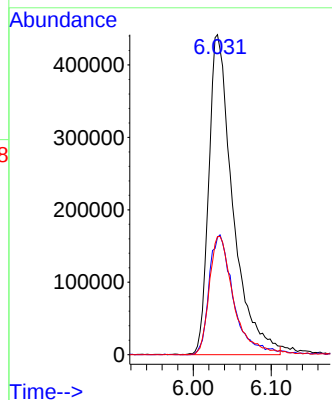
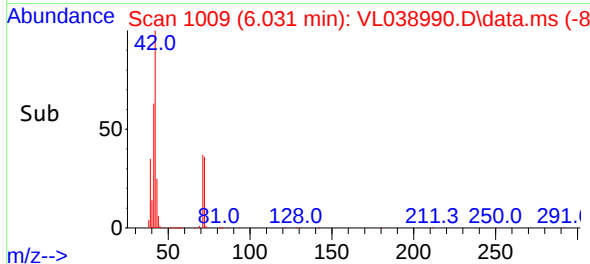
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



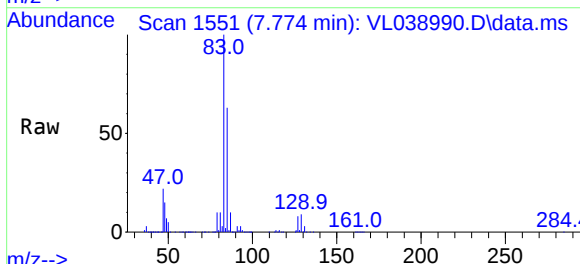
Tgt Ion: 42 Resp: 94788
Ion Ratio Lower Upper
42 100
72 38.8 31.8 47.6
71 38.3 30.6 45.8

Manual Integrations
APPROVED

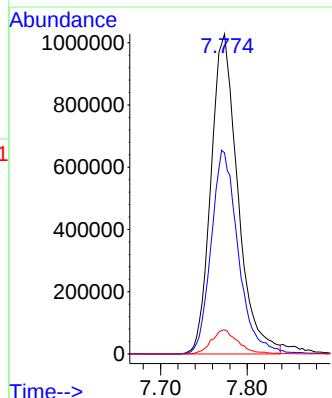
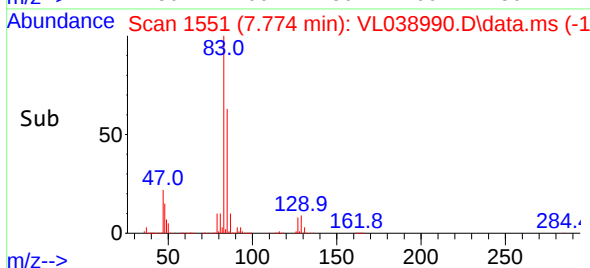
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022

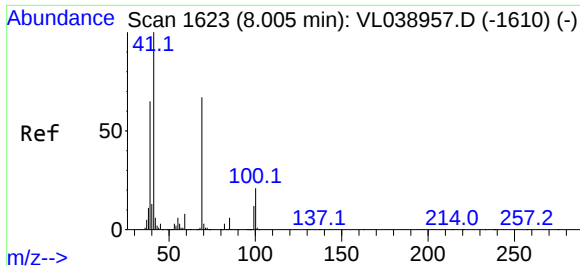


#42
Bromodichloromethane
Concen: 11.406 ppbv
RT: 7.774 min Scan# 1551
Delta R.T. -0.013 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25



Tgt Ion: 83 Resp: 2212608
Ion Ratio Lower Upper
83 100
85 62.9 52.0 78.0
127 7.5 6.0 9.0





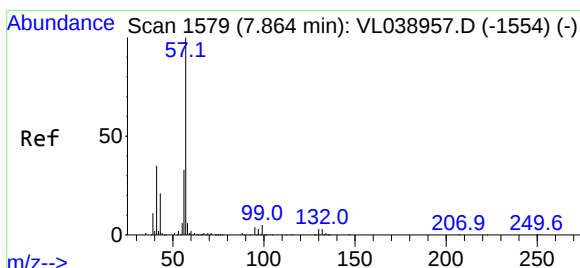
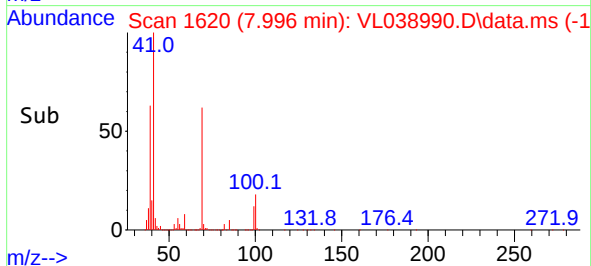
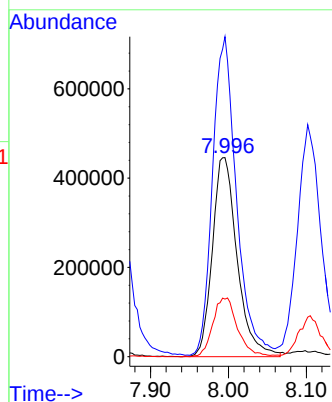
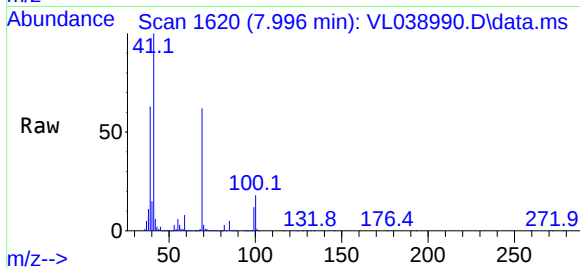
#43
Methyl Methacrylate
Concen: 10.596 ppbv
RT: 7.996 min Scan# 1623
Delta R.T. -0.010 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion: 69 Resp: 98654
Ion Ratio Lower Upper
69 100
41 155.4 121.9 182.9
100 29.6 24.6 36.8

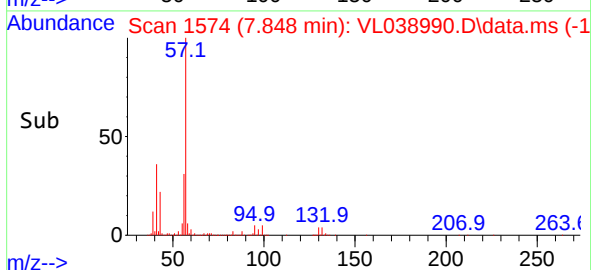
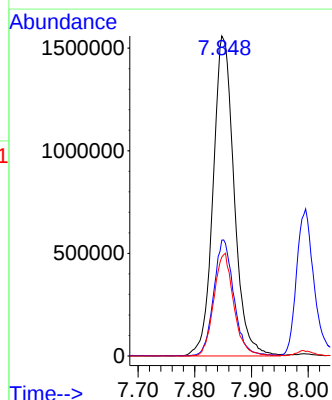
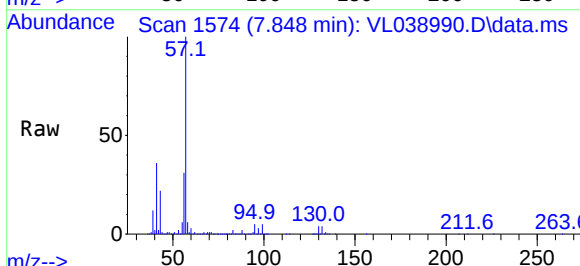
Manual Integrations
APPROVED

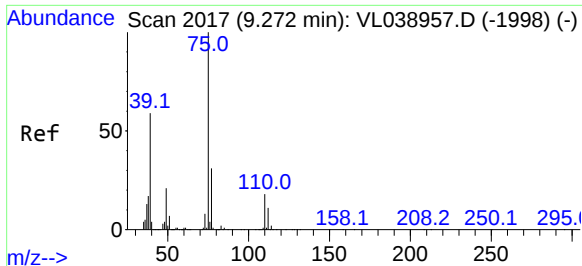
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#44
2,2,4-Trimethylpentane
Concen: 9.976 ppbv
RT: 7.848 min Scan# 1574
Delta R.T. -0.016 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

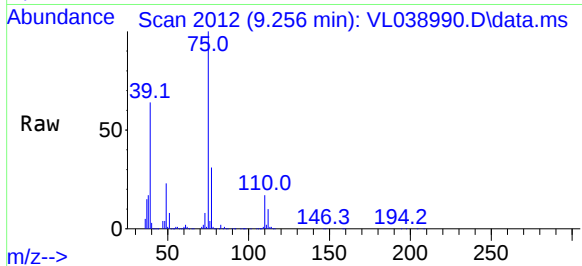
Tgt Ion: 57 Resp: 4014396
Ion Ratio Lower Upper
57 100
41 34.7 26.3 39.5
56 30.5 24.6 37.0





#45
t-1,3-Dichloropropene
Concen: 12.818 ppbv
RT: 9.256 min Scan# 2017
Delta R.T. -0.016 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

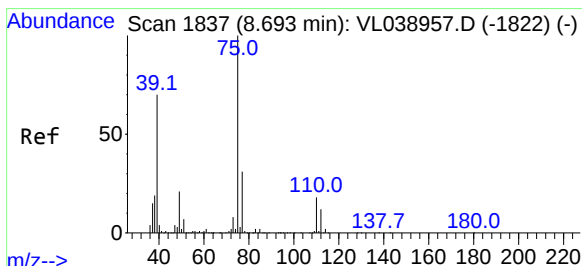
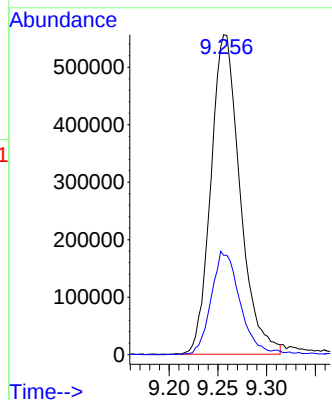
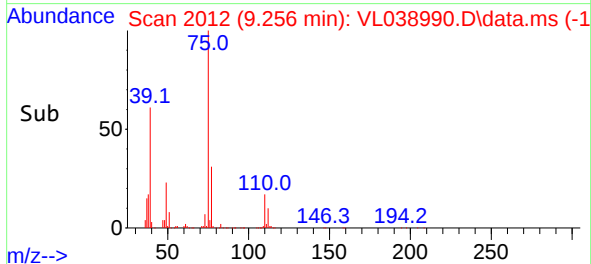
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



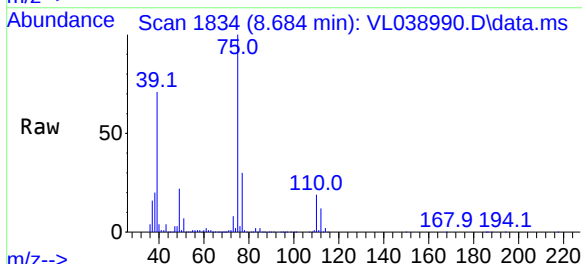
Tgt Ion: 75 Resp: 1155209
Ion Ratio Lower Upper
75 100
77 31.1 24.6 37.0

Manual Integrations
APPROVED

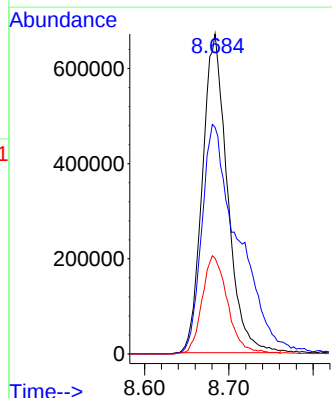
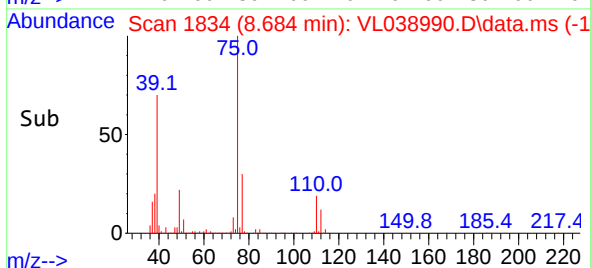
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022

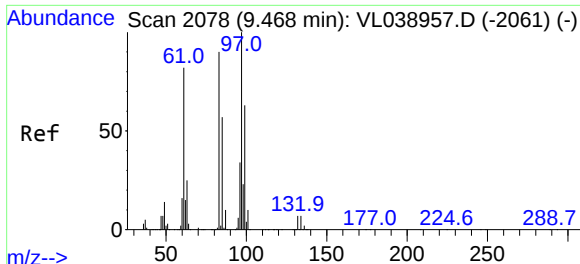


#46
cis-1,3-Dichloropropene
Concen: 11.527 ppbv
RT: 8.684 min Scan# 1834
Delta R.T. -0.010 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25



Tgt Ion: 75 Resp: 1377596
Ion Ratio Lower Upper
75 100
39 70.5 55.8 83.6
77 29.9 24.8 37.2





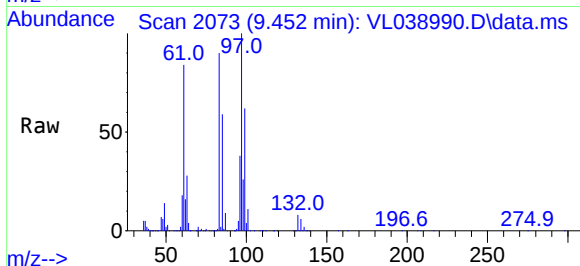
#47
1,1,2-Trichloroethane
Concen: 10.240 ppbv
RT: 9.452 min Scan# 2073
Delta R.T. -0.016 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

Instrument :

MSVOA_L

ClientSampleId :

VL0509ABS01

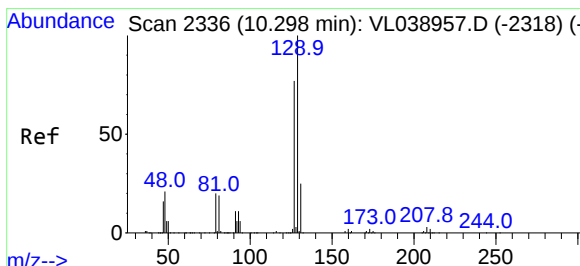
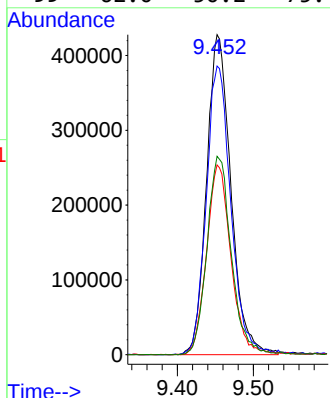
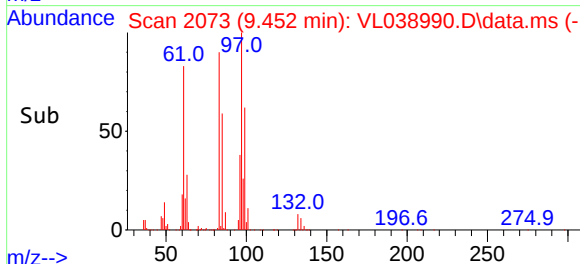


Tgt Ion: 97 Resp: 95034
Ion Ratio Lower Upper
97 100
83 90.2 72.0 108.0
85 59.2 45.7 68.5
99 62.0 50.2 75.4

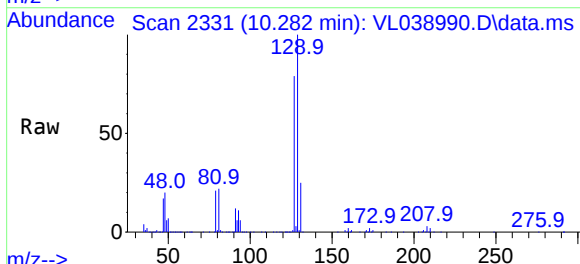
Manual Integrations

APPROVED

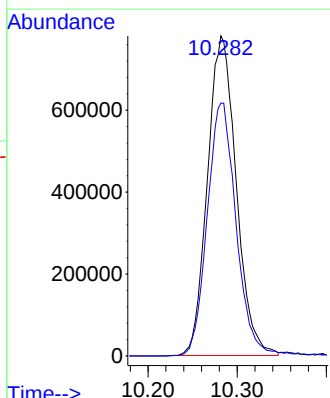
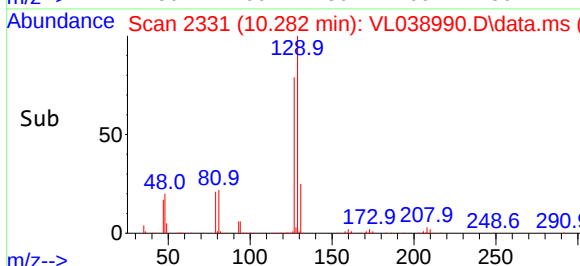
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022

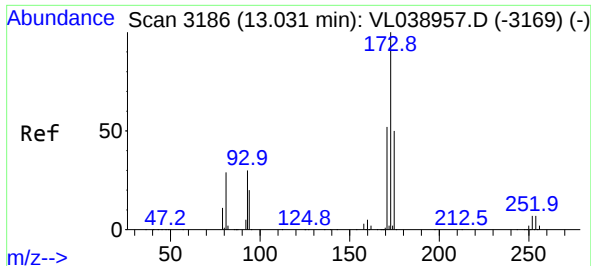


#48
Dibromochloromethane
Concen: 11.599 ppbv
RT: 10.282 min Scan# 2331
Delta R.T. -0.016 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25



Tgt Ion:129 Resp: 1752143
Ion Ratio Lower Upper
129 100
127 79.7 39.3 117.9





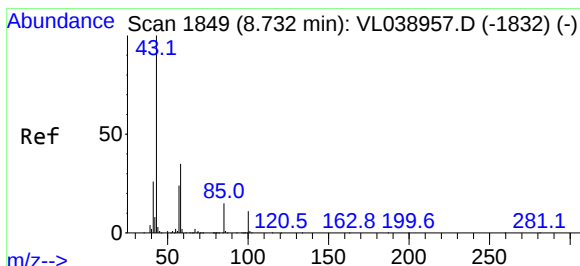
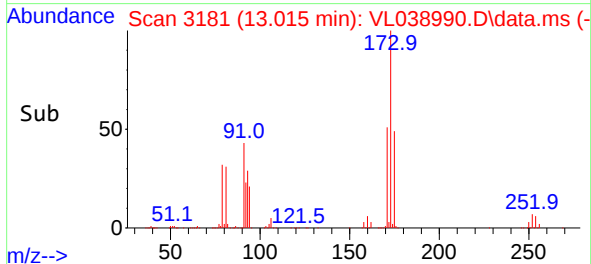
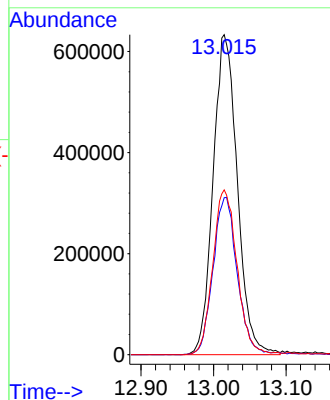
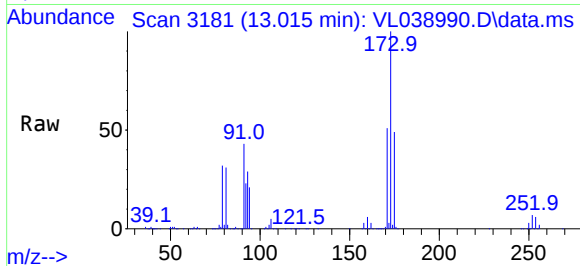
#49
Bromoform
Concen: 12.747 ppbv
RT: 13.015 min Scan# 3186
Delta R.T. -0.016 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion:173 Resp: 1468514
Ion Ratio Lower Upper
173 100
175 49.8 41.0 61.6
171 52.1 42.6 64.0

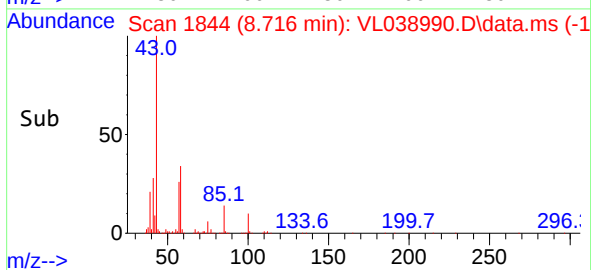
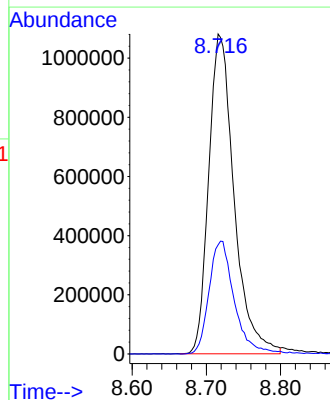
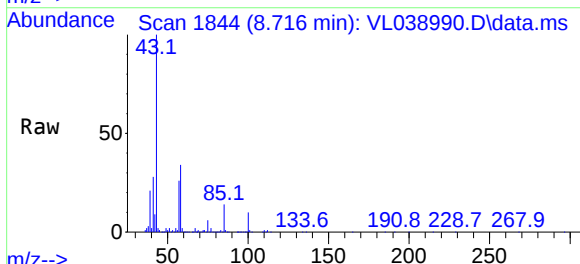
Manual Integrations
APPROVED

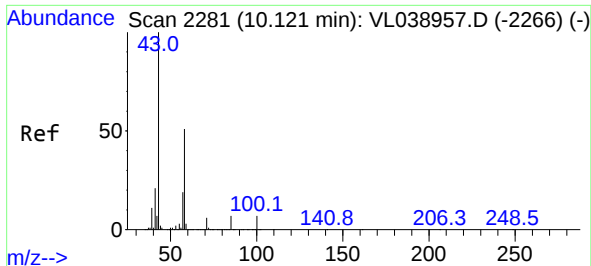
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#50
4-Methyl-2-Pentanone
Concen: 10.693 ppbv
RT: 8.716 min Scan# 1844
Delta R.T. -0.016 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

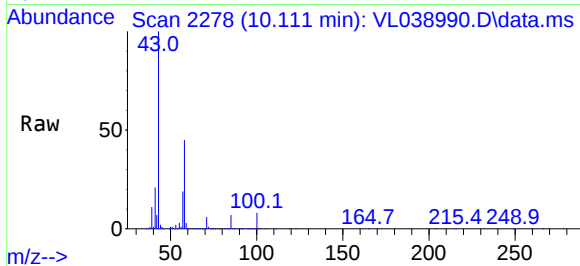
Tgt Ion: 43 Resp: 2563493
Ion Ratio Lower Upper
43 100
58 35.4 28.4 42.6





#51
2-Hexanone
Concen: 11.652 ppbv
RT: 10.111 min Scan# 203875
Delta R.T. -0.010 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

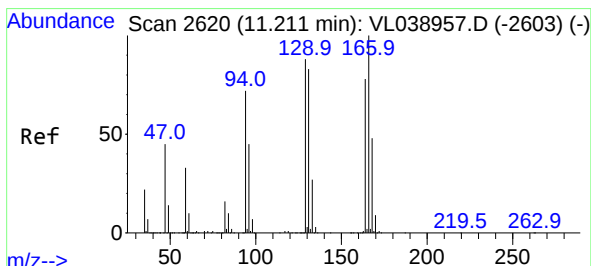
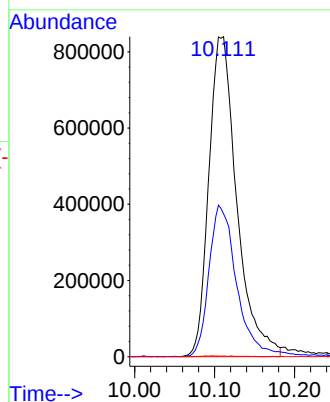
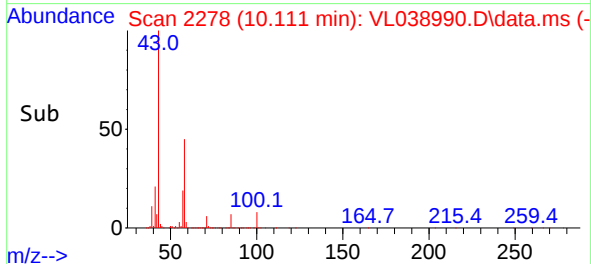
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



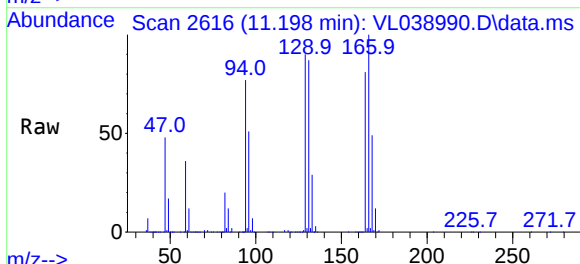
Tgt Ion: 43 Resp: 203875
Ion Ratio Lower Upper
43 100
58 47.9 39.3 58.9
98 0.3 0.2 0.2

Manual Integrations
APPROVED

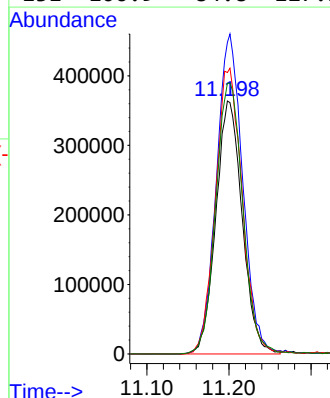
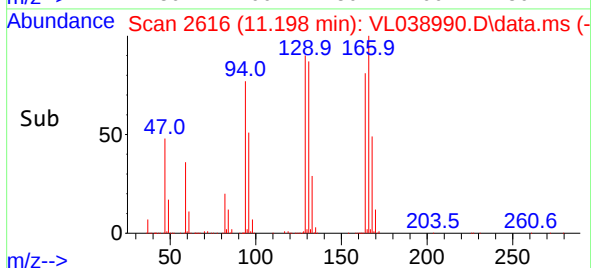
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022

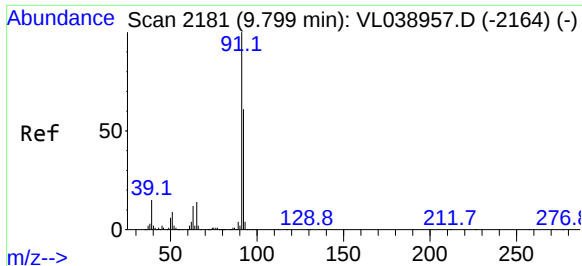


#52
Tetrachloroethene
Concen: 9.911 ppbv
RT: 11.198 min Scan# 2616
Delta R.T. -0.013 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25



Tgt Ion:164 Resp: 812226
Ion Ratio Lower Upper
164 100
166 123.1 102.5 153.7
129 111.3 90.1 135.1
131 106.9 84.8 127.2





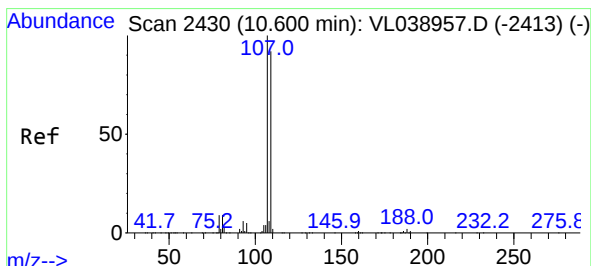
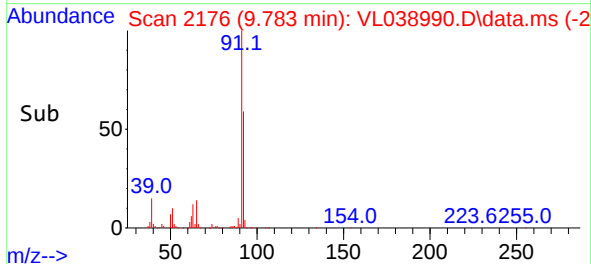
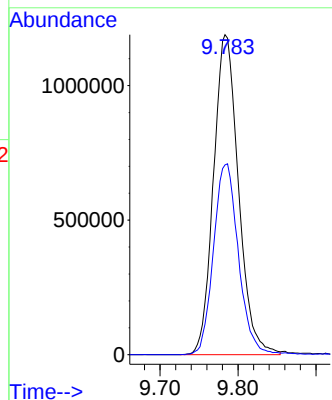
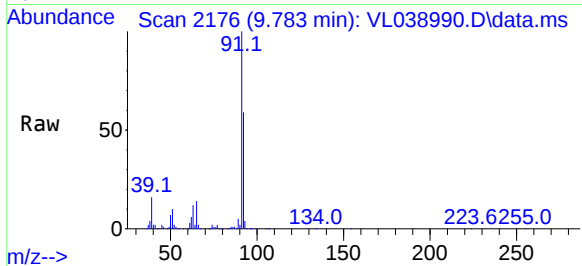
#53
Toluene
Concen: 10.296 ppbv
RT: 9.783 min Scan# 2181
Delta R.T. -0.016 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion: 91 Resp: 2646614
Ion Ratio Lower Upper
91 100
92 60.1 48.2 72.2

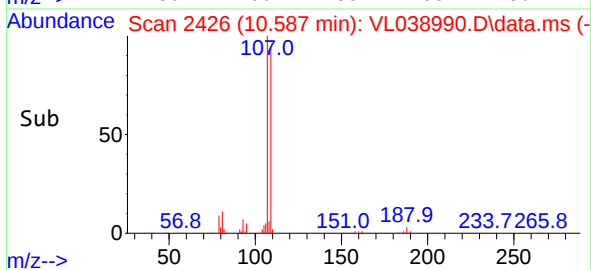
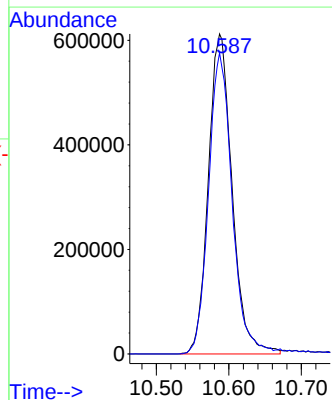
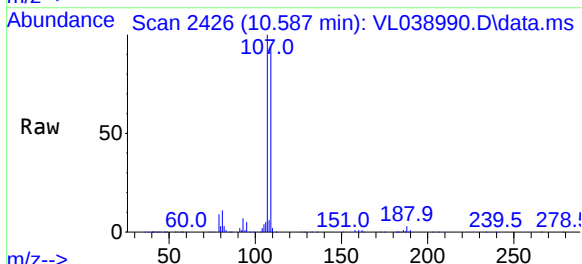
Manual Integrations
APPROVED

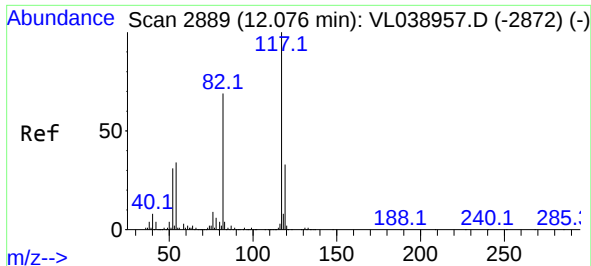
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#54
1,2-Dibromoethane
Concen: 11.020 ppbv
RT: 10.587 min Scan# 2426
Delta R.T. -0.013 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

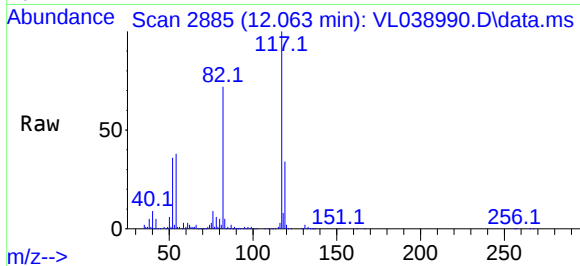
Tgt Ion:107 Resp: 1392359
Ion Ratio Lower Upper
107 100
109 94.1 73.8 110.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.063 min Scan# 2885
Delta R.T. -0.013 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

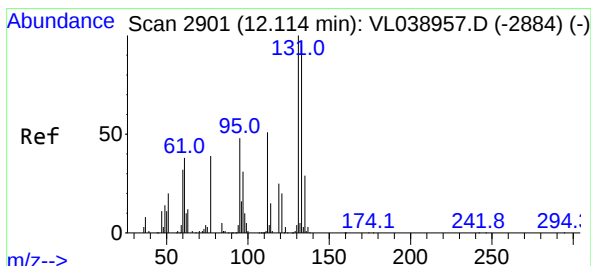
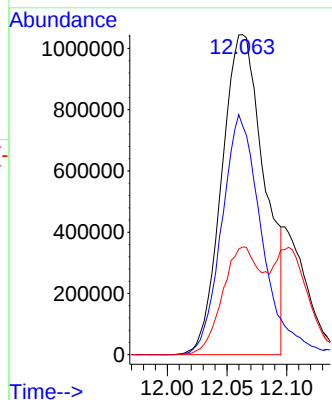
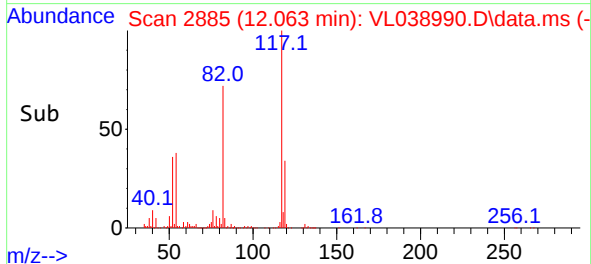
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



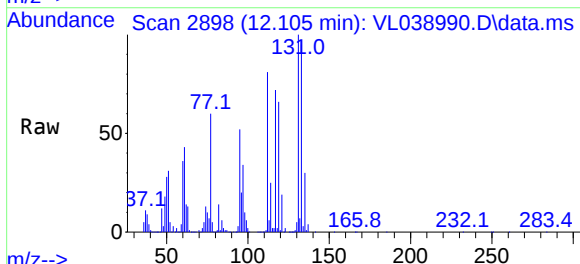
Tgt Ion:117 Resp: 261020
Ion Ratio Lower Upper
117 100
82 71.3 57.0 85.6
119 32.1 27.2 40.8

Manual Integrations
APPROVED

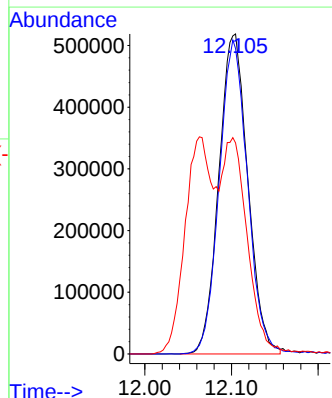
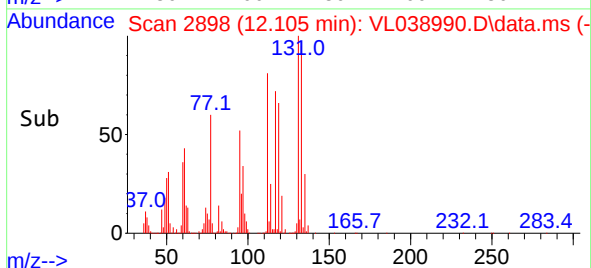
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022

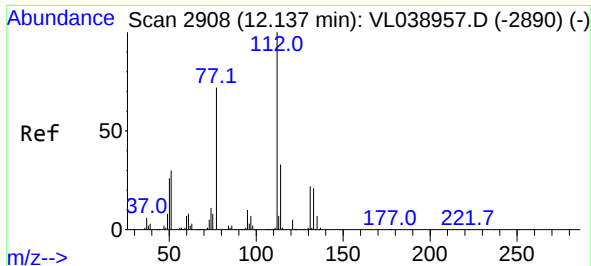


#56
1,1,1,2-Tetrachloroethane
Concen: 10.521 ppbv
RT: 12.105 min Scan# 2898
Delta R.T. -0.010 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25



Tgt Ion:131 Resp: 1204872
Ion Ratio Lower Upper
131 100
133 96.1 76.9 115.3
119 59.3 47.4 71.0





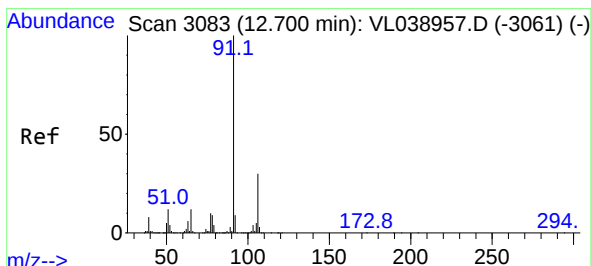
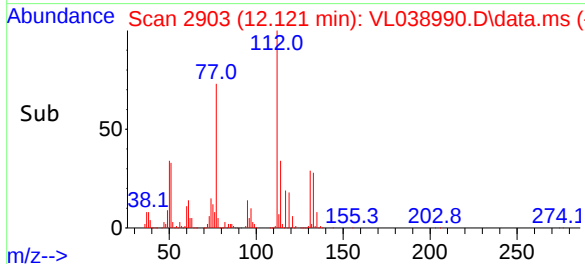
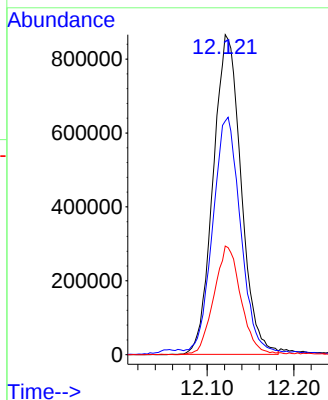
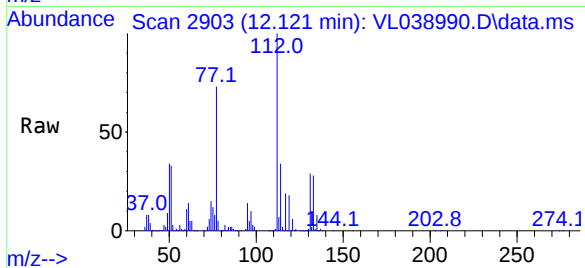
#57
Chlorobenzene
Concen: 9.914 ppbv
RT: 12.121 min Scan# 2903
Delta R.T. -0.016 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion:112 Resp: 193980
Ion Ratio Lower Upper
112 100
77 71.8 57.7 86.5
114 34.0 30.1 36.7

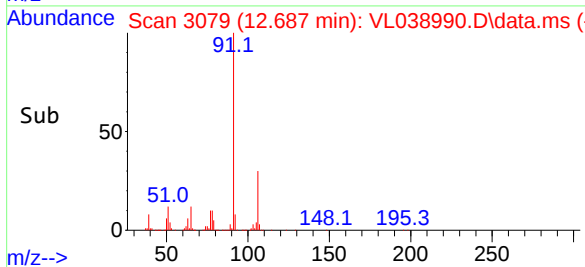
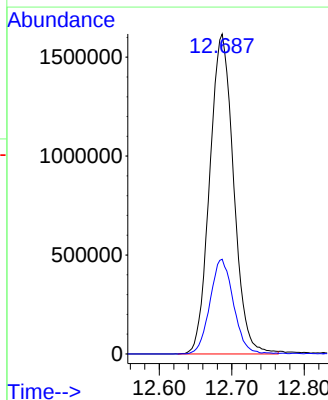
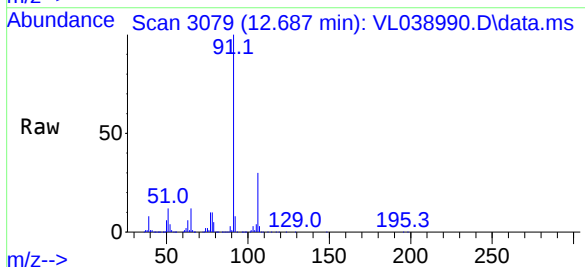
Manual Integrations
APPROVED

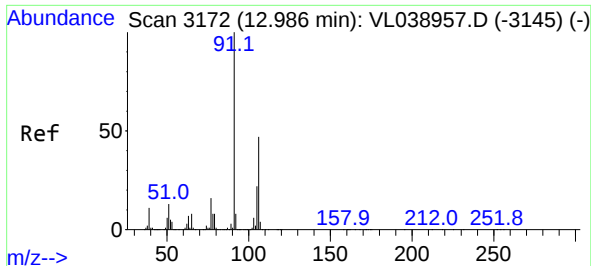
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#58
Ethyl Benzene
Concen: 9.857 ppbv
RT: 12.687 min Scan# 3079
Delta R.T. -0.013 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

Tgt Ion: 91 Resp: 3702628
Ion Ratio Lower Upper
91 100
106 29.6 24.2 36.4





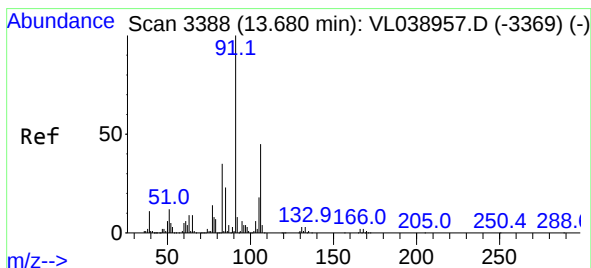
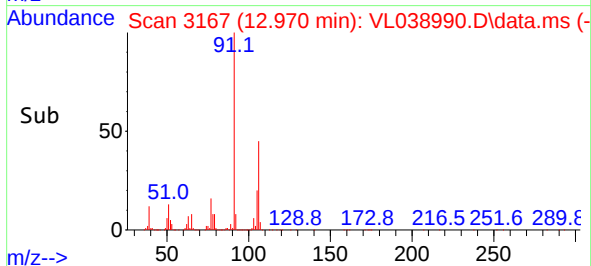
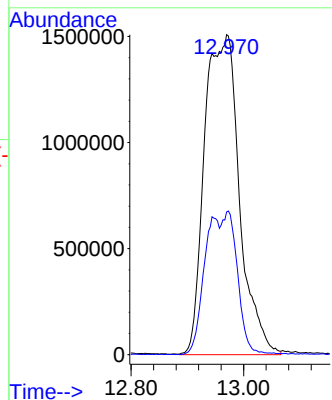
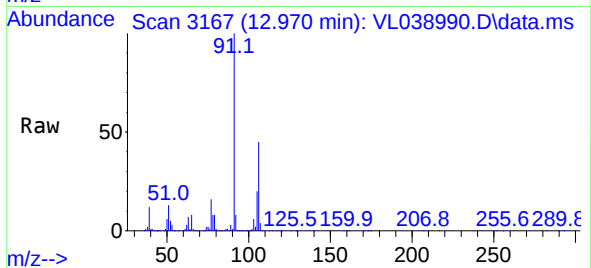
#59
m/p-Xylene
Concen: 20.218 ppbv m
RT: 12.970 min Scan# 3172
Delta R.T. -0.016 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion: 91 Resp: 6483472
Ion Ratio Lower Upper
91 100
106 40.9 34.6 52.0

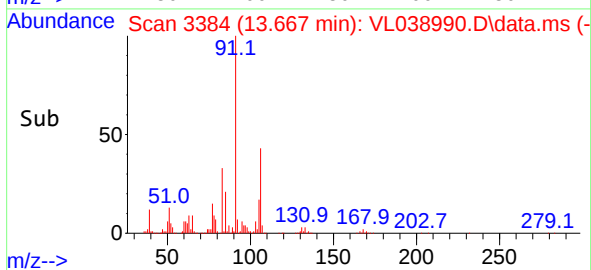
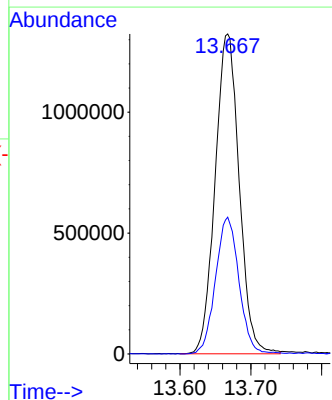
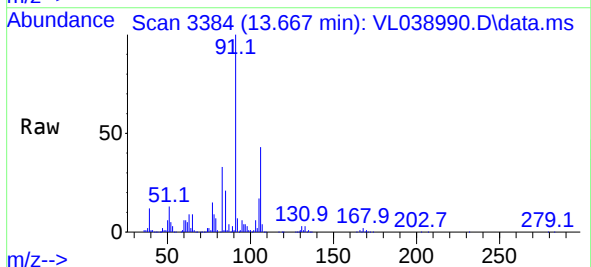
Manual Integrations
APPROVED

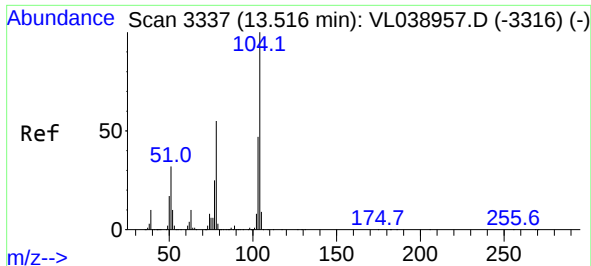
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#60
o-Xylene
Concen: 10.353 ppbv
RT: 13.667 min Scan# 3384
Delta R.T. -0.013 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

Tgt Ion: 91 Resp: 3124858
Ion Ratio Lower Upper
91 100
106 41.9 22.2 66.6





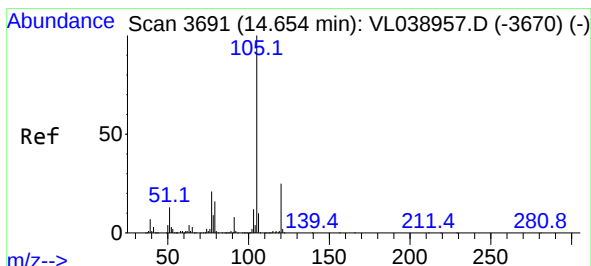
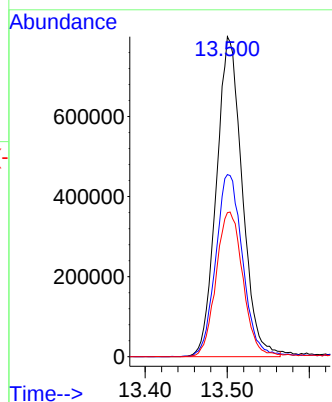
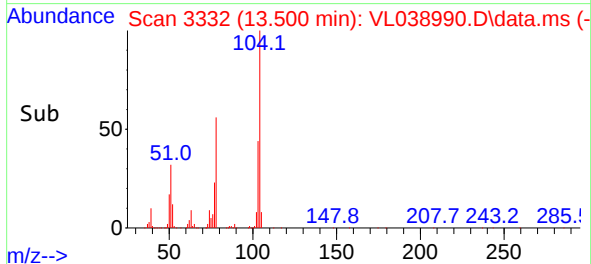
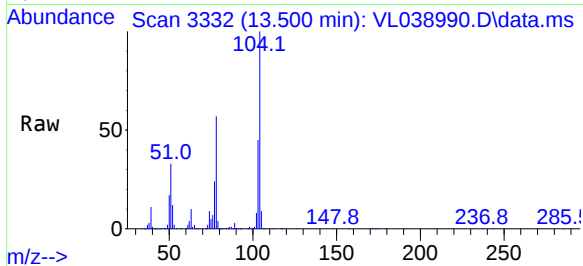
#61
Styrene
Concen: 10.853 ppbv
RT: 13.500 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion:104 Resp: 1748819
Ion Ratio Lower Upper
104 100
78 60.0 46.4 69.6
103 47.7 39.3 58.9

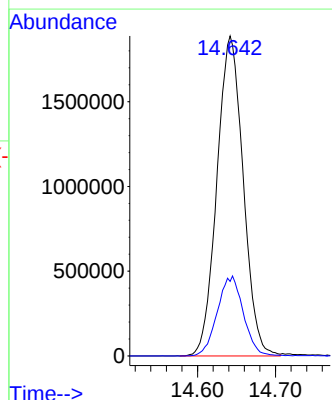
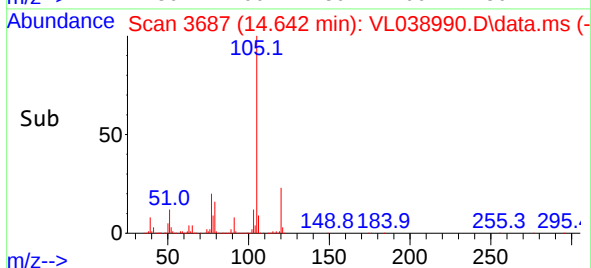
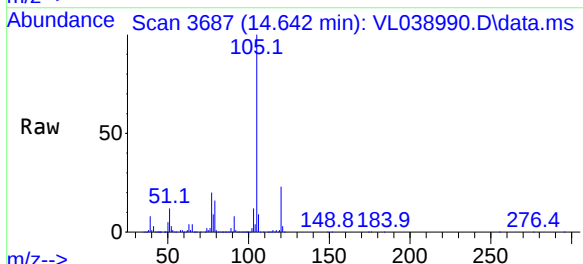
Manual Integrations
APPROVED

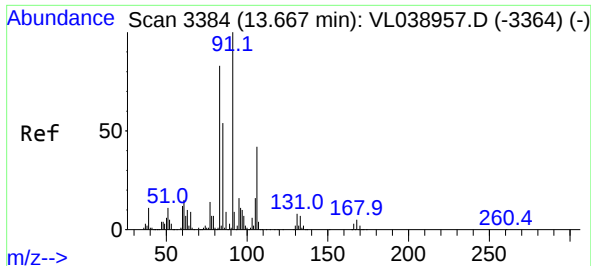
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#62
Isopropylbenzene
Concen: 10.020 ppbv
RT: 14.642 min Scan# 3687
Delta R.T. -0.012 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

Tgt Ion:105 Resp: 4422547
Ion Ratio Lower Upper
105 100
120 24.9 20.5 30.7





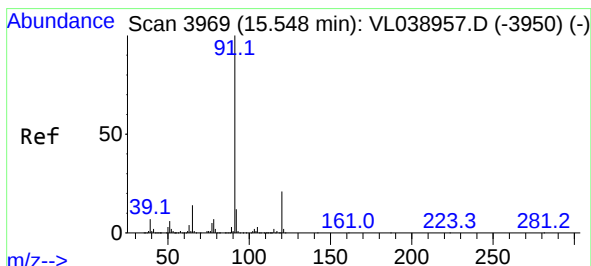
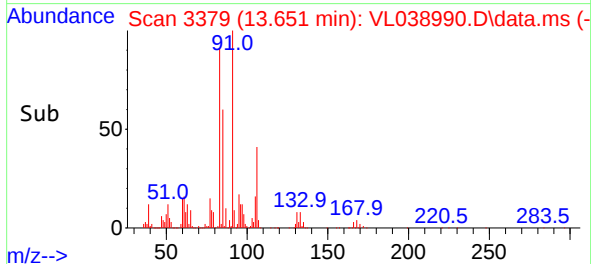
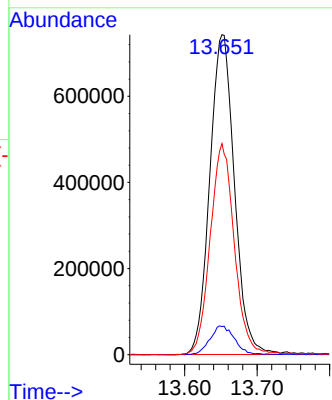
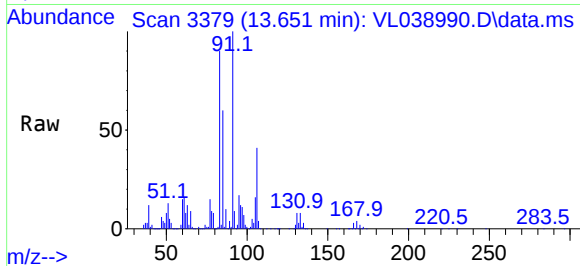
#63
1,1,2,2-Tetrachloroethane
Concen: 9.860 ppbv
RT: 13.651 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion: 83 Resp: 1752458
Ion Ratio Lower Upper
83 100
131 9.1 4.5 13.7
85 65.1 32.8 98.3

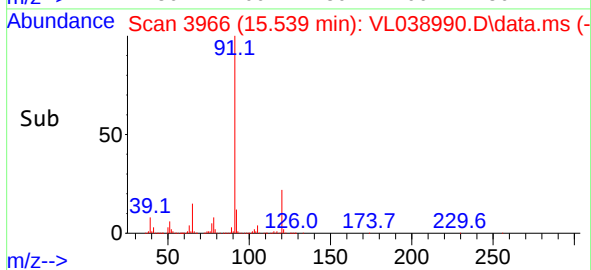
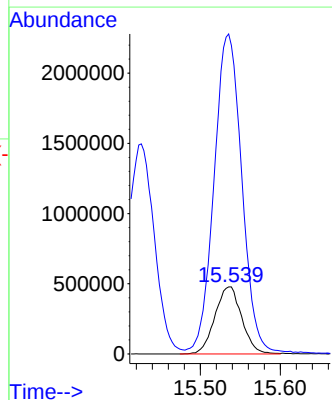
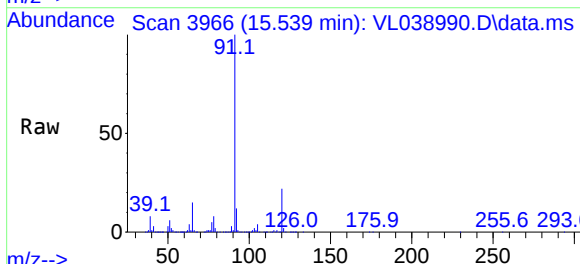
Manual Integrations
APPROVED

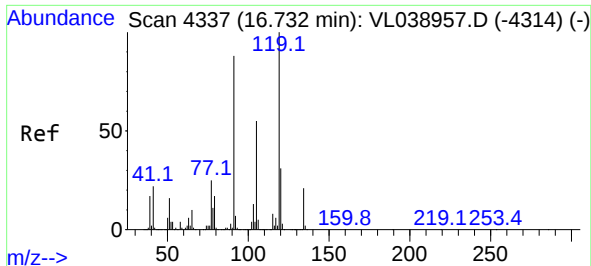
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#64
n-propylbenzene
Concen: 10.437 ppbv
RT: 15.539 min Scan# 3966
Delta R.T. -0.010 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

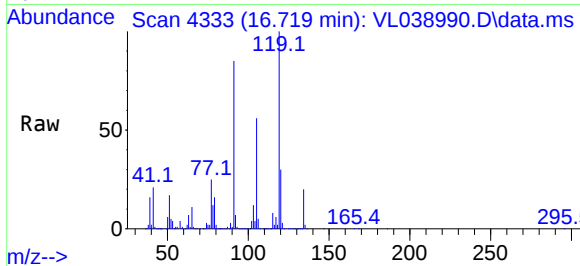
Tgt Ion:120 Resp: 1113748
Ion Ratio Lower Upper
120 100
91 496.3 400.6 601.0





#65
tert-Butylbenzene
Concen: 9.994 ppbv
RT: 16.719 min Scan# 41
Delta R.T. -0.013 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

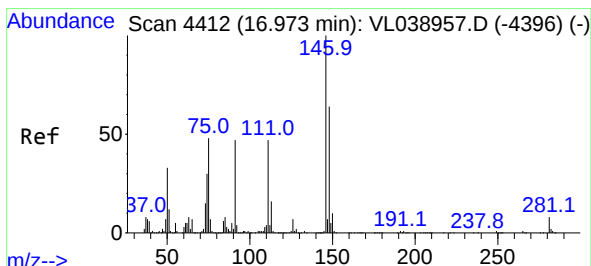
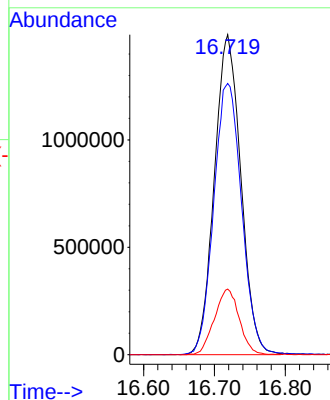
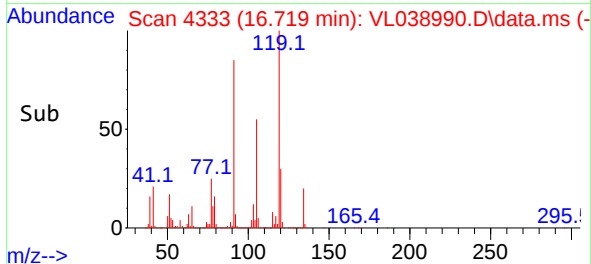
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



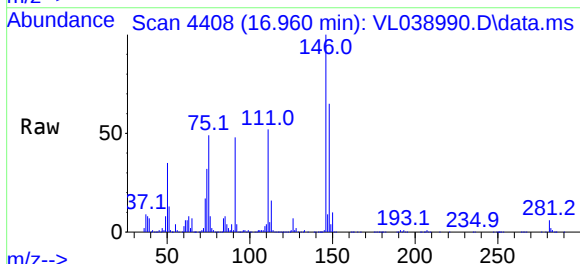
Tgt Ion: 119 Resp: 3865210
Ion Ratio Lower Upper
119 100
91 89.5 69.4 104.2
134 19.3 15.8 23.8

Manual Integrations
APPROVED

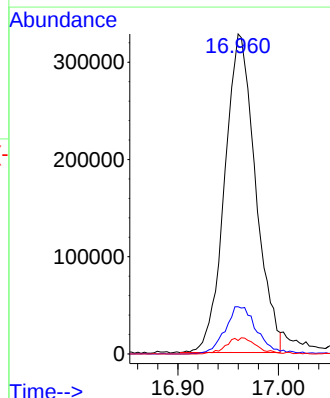
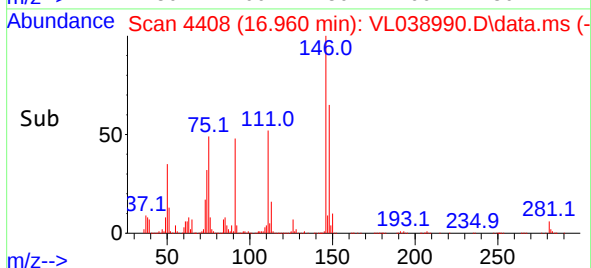
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022

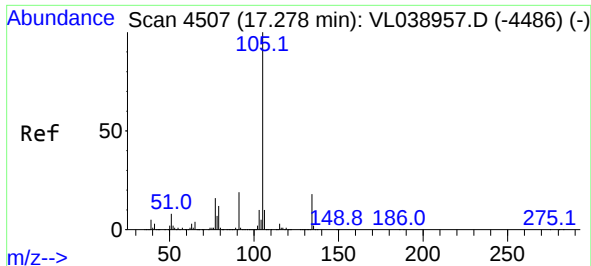


#66
Benzyl Chloride
Concen: 13.819 ppbv
RT: 16.960 min Scan# 4408
Delta R.T. -0.013 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25



Tgt Ion: 91 Resp: 698588
Ion Ratio Lower Upper
91 100
126 15.7 11.8 17.6
128 5.1 4.2 6.2





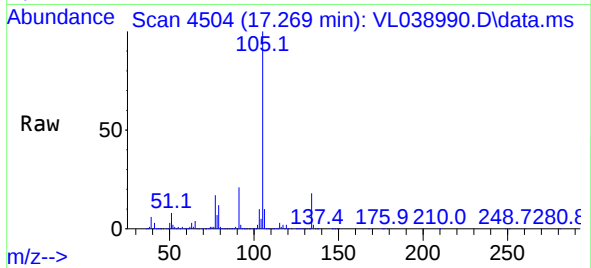
#67
 sec-Butylbenzene
 Concen: 10.004 ppbv
 RT: 17.269 min Scan# 41
 Delta R.T. -0.010 min
 Lab File: VL038990.D
 Acq: 9 May 2022 16:25

Instrument :

MSVOA_L

ClientSampleId :

VL0509ABS01

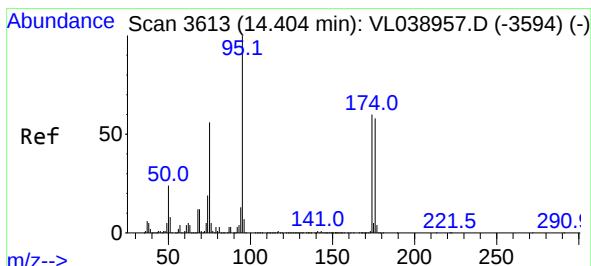
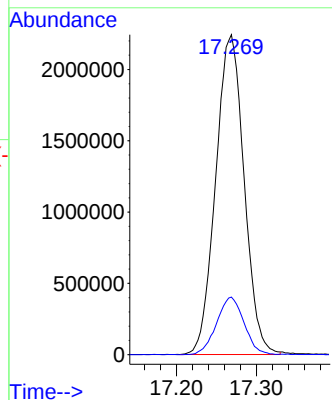
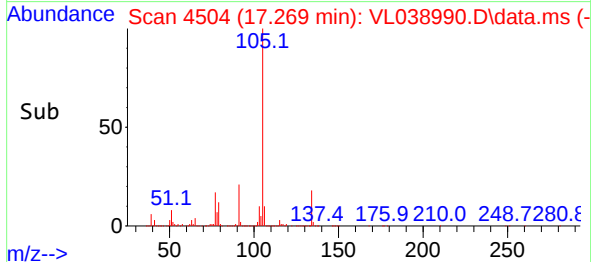


Tgt Ion:105 Resp: 5527370
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.2 21.4

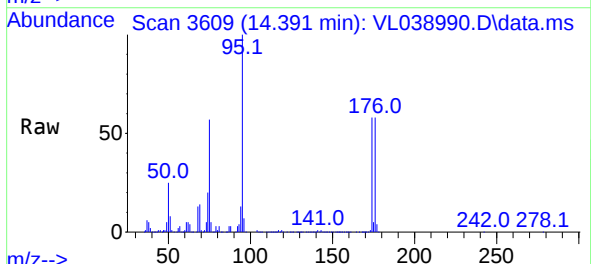
Manual Integrations

APPROVED

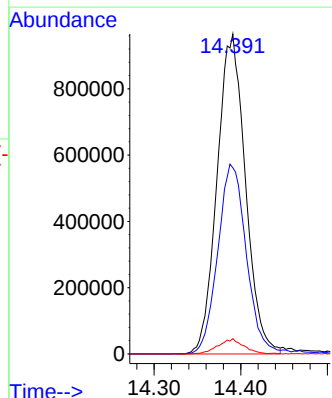
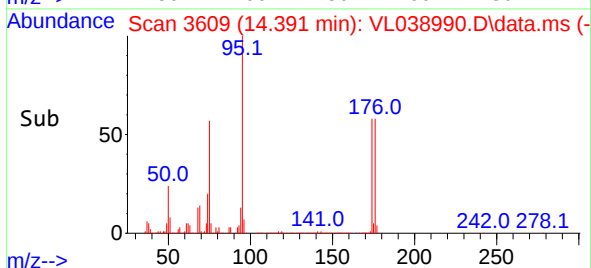
Reviewed By :Semsettin Yesilyurt 05/10/2022
 Supervised By :Mahesh Dadoda 05/11/2022

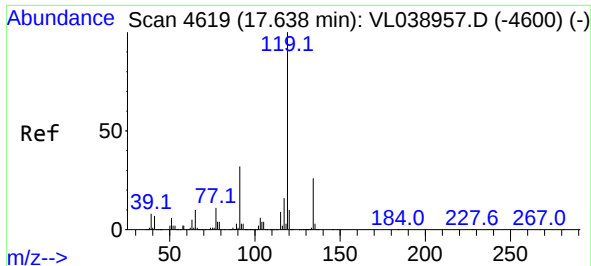


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.619 ppbv
 RT: 14.391 min Scan# 3609
 Delta R.T. -0.013 min
 Lab File: VL038990.D
 Acq: 9 May 2022 16:25



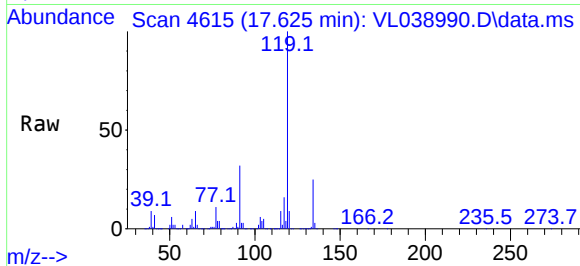
Tgt Ion: 95 Resp: 2195024
 Ion Ratio Lower Upper
 95 100
 174 60.5 50.8 76.2
 175 4.4 3.8 5.6





#69
p-Isopropyltoluene
Concen: 10.224 ppbv
RT: 17.625 min Scan# 411
Delta R.T. -0.013 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

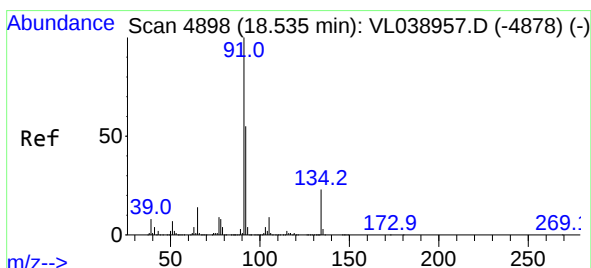
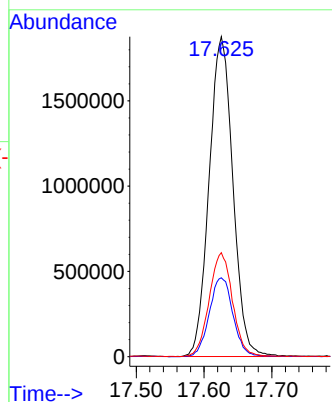
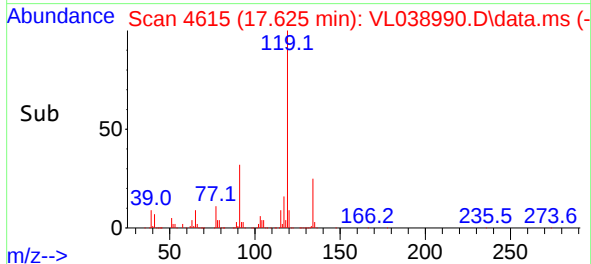
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



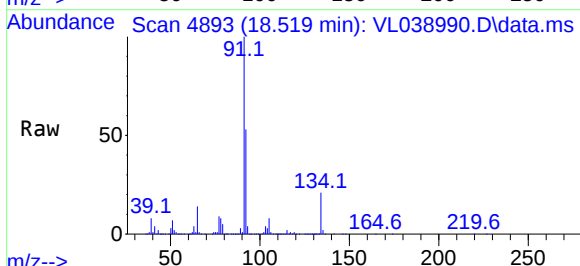
Tgt Ion:119 Resp: 456346
Ion Ratio Lower Upper
119 100
134 24.7 20.0 30.0
91 31.9 24.8 37.2

Manual Integrations
APPROVED

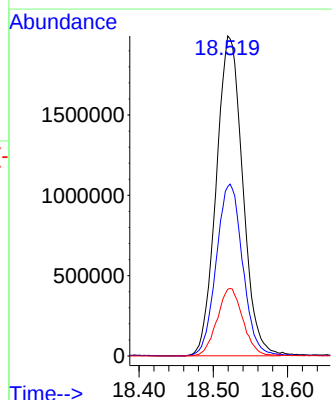
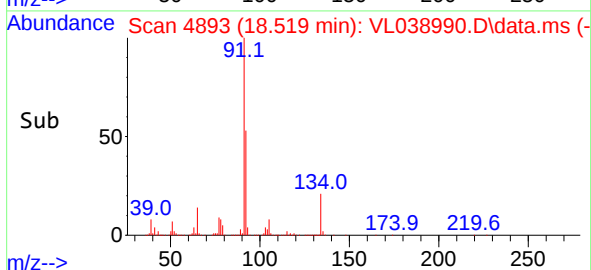
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022

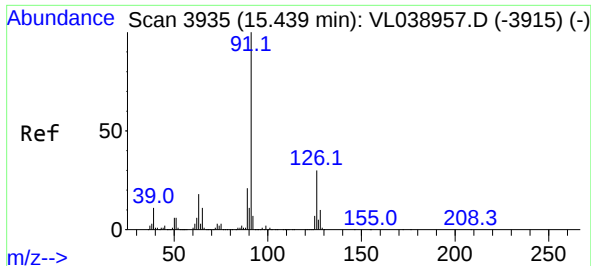


#70
n-Butylbenzene
Concen: 10.392 ppbv
RT: 18.519 min Scan# 4893
Delta R.T. -0.016 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25



Tgt Ion: 91 Resp: 4928036
Ion Ratio Lower Upper
91 100
92 53.9 43.1 64.7
134 20.7 17.0 25.4





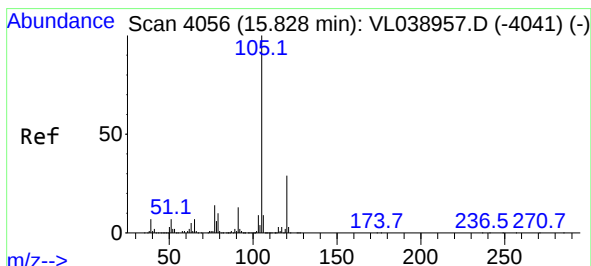
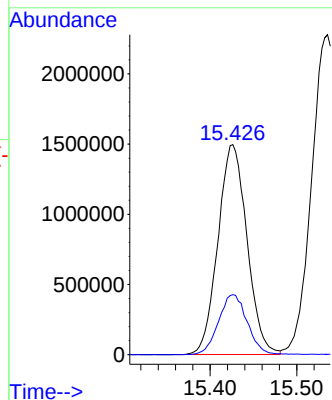
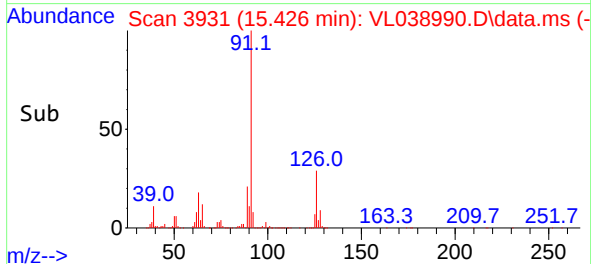
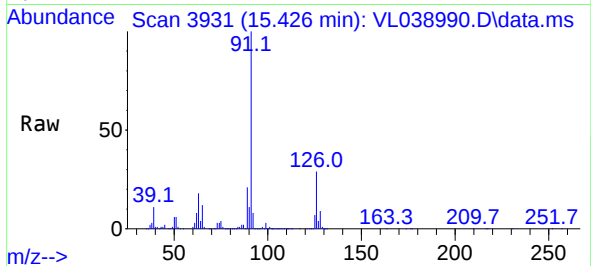
#71
2-Chlorotoluene
Concen: 10.252 ppbv
RT: 15.426 min Scan# 3915
Delta R.T. -0.013 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion: 91 Resp: 348836
Ion Ratio Lower Upper
91 100
126 28.5 11.9 47.5

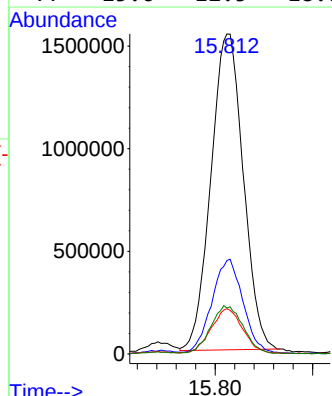
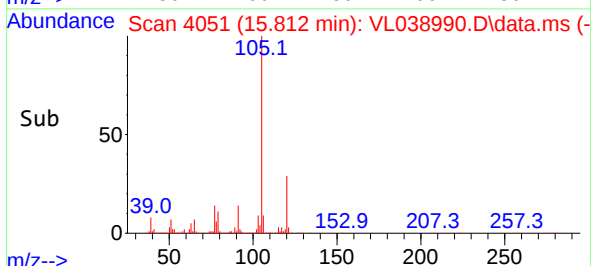
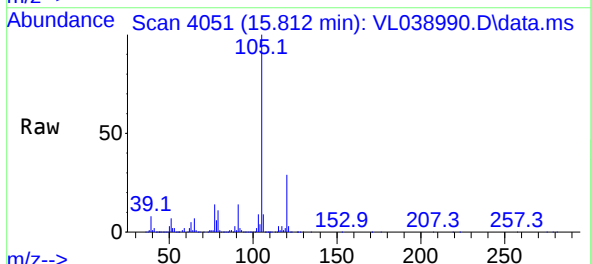
Manual Integrations
APPROVED

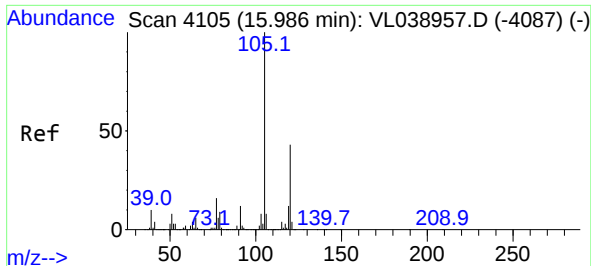
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#72
4-Ethyltoluene
Concen: 10.301 ppbv
RT: 15.812 min Scan# 4051
Delta R.T. -0.016 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

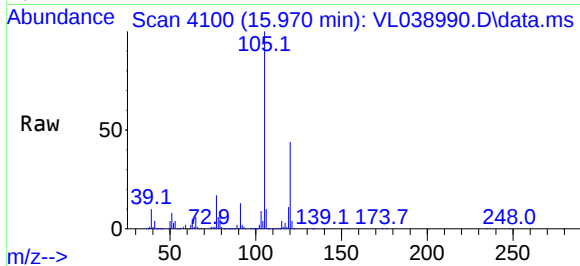
Tgt Ion:105 Resp: 3542880
Ion Ratio Lower Upper
105 100
120 29.2 23.4 35.0
91 14.2 10.6 16.0
77 15.6 12.5 18.7





#73
 1,3,5-Trimethylbenzene
 Concen: 10.640 ppbv
 RT: 15.970 min Scan# 4105
 Delta R.T. -0.016 min
 Lab File: VL038990.D
 Acq: 9 May 2022 16:25

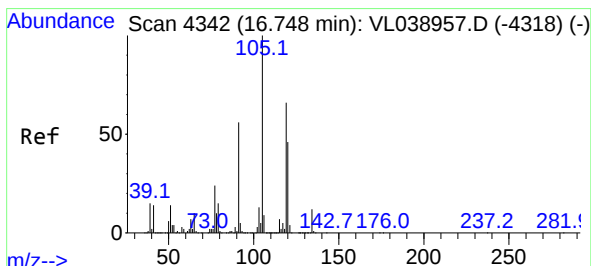
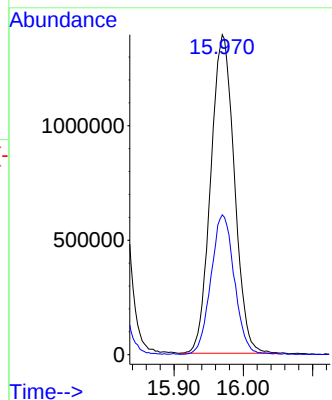
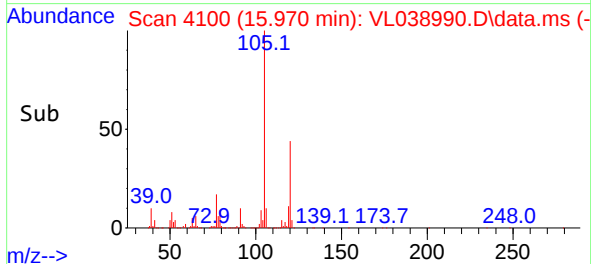
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0509ABS01



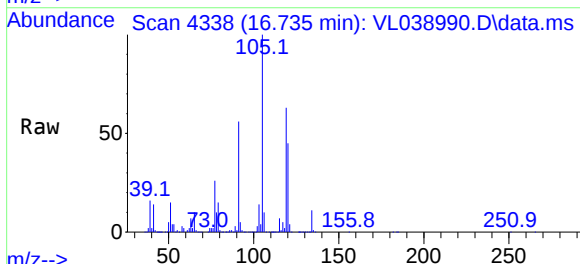
Tgt Ion:105 Resp: 3294379
 Ion Ratio Lower Upper
 105 100
 120 43.8 34.4 51.6

Manual Integrations
 APPROVED

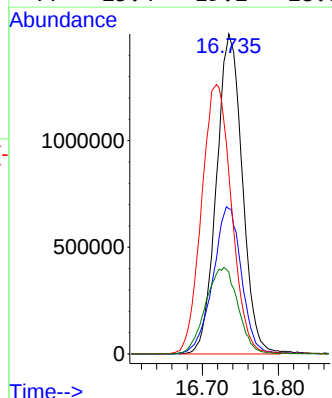
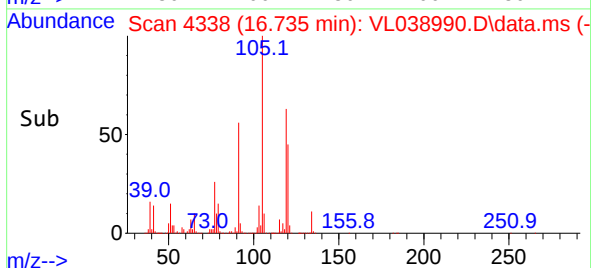
Reviewed By :Semsettin Yesilyurt 05/10/2022
 Supervised By :Mahesh Dadoda 05/11/2022

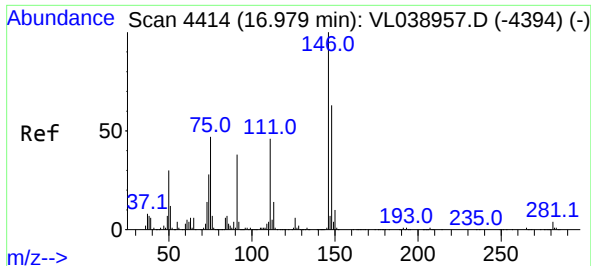


#74
 1,2,4-Trimethylbenzene
 Concen: 10.438 ppbv
 RT: 16.735 min Scan# 4338
 Delta R.T. -0.013 min
 Lab File: VL038990.D
 Acq: 9 May 2022 16:25



Tgt Ion:105 Resp: 3538811
 Ion Ratio Lower Upper
 105 100
 120 45.0 36.9 55.3
 91 56.0 45.0 67.4
 77 25.4 19.2 28.8





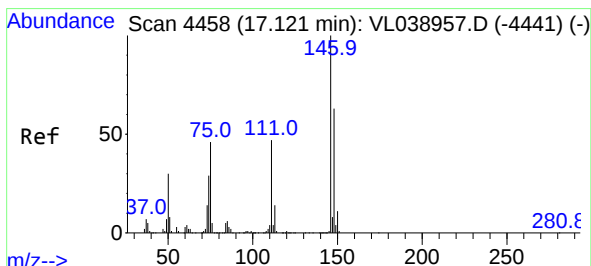
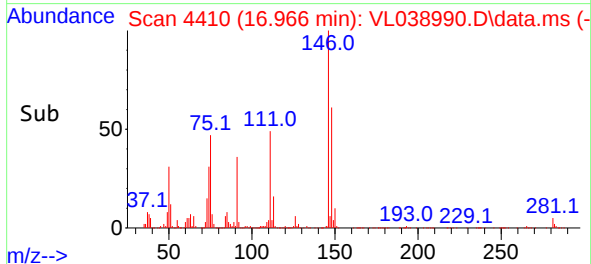
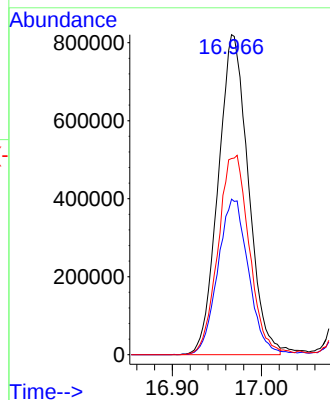
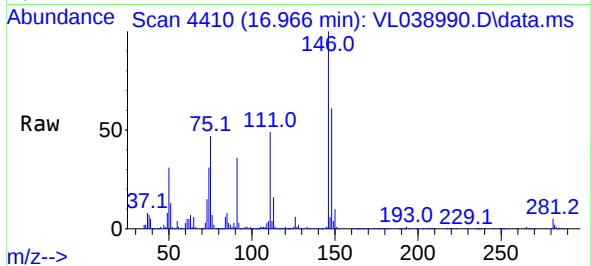
#75
1,3-Dichlorobenzene
Concen: 10.348 ppbv
RT: 16.966 min Scan# 4410
Delta R.T. -0.013 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion:146 Resp: 1922110
Ion Ratio Lower Upper
146 100
111 50.0 24.1 72.2
148 65.2 32.4 97.2

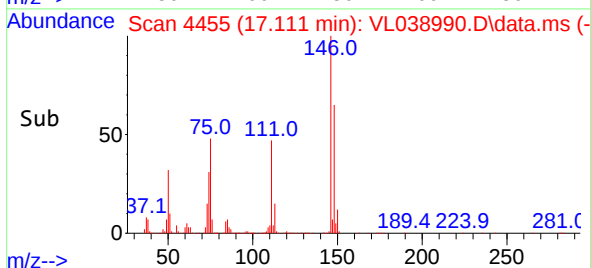
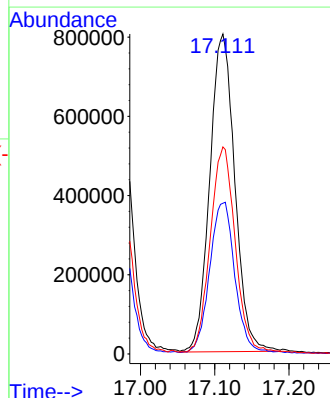
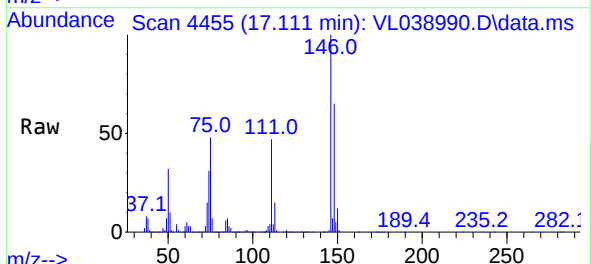
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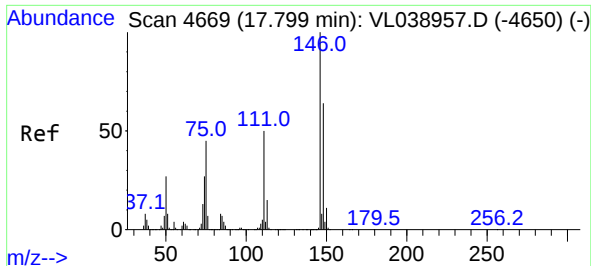
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#76
1,4-Dichlorobenzene
Concen: 10.294 ppbv
RT: 17.111 min Scan# 4455
Delta R.T. -0.010 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

Tgt Ion:146 Resp: 1881150
Ion Ratio Lower Upper
146 100
111 48.8 23.6 71.0
148 65.9 32.2 96.6





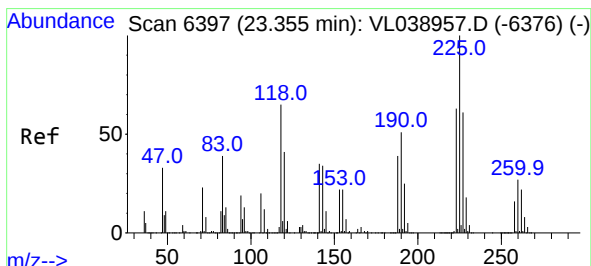
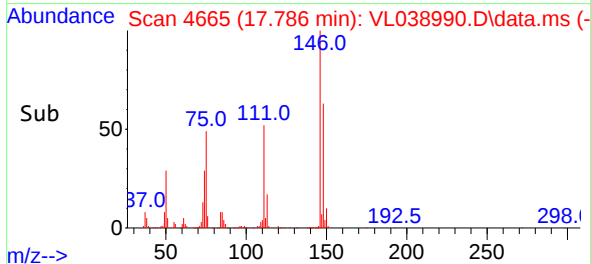
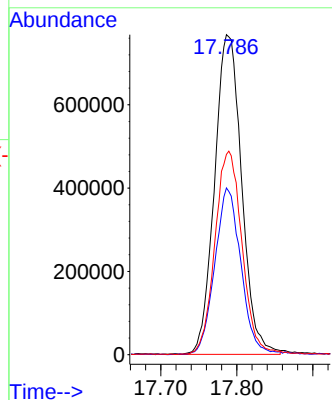
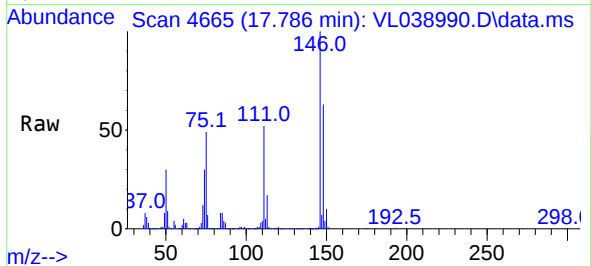
#77
1,2-Dichlorobenzene
Concen: 10.358 ppbv
RT: 17.786 min Scan# 4665
Delta R.T. -0.013 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01

Tgt Ion:146 Resp: 1902954
Ion Ratio Lower Upper
146 100
111 50.4 25.3 75.9
148 63.7 32.3 96.9

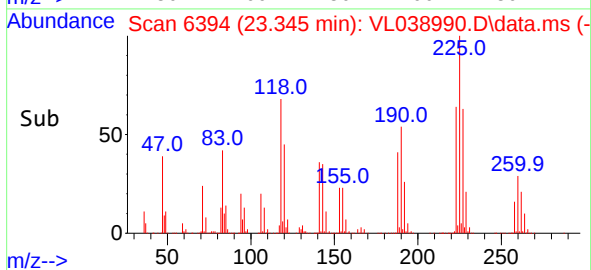
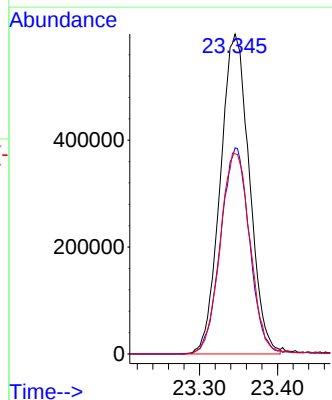
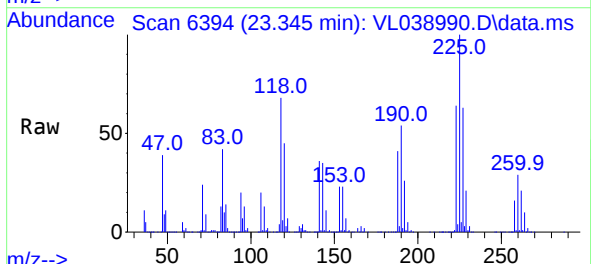
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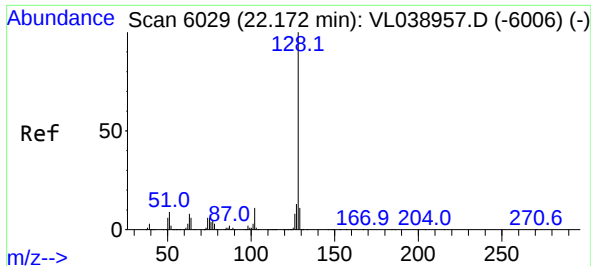
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022



#78
Hexachloro-1,3-Butadiene
Concen: 9.179 ppbv
RT: 23.345 min Scan# 6394
Delta R.T. -0.010 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

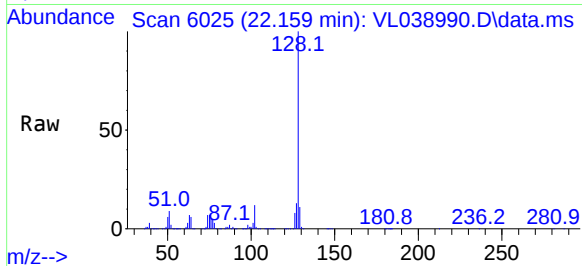
Tgt Ion:225 Resp: 1549756
Ion Ratio Lower Upper
225 100
223 64.9 51.4 77.0
227 64.6 51.4 77.0





#79
Naphthalene
Concen: 11.270 ppbv
RT: 22.159 min Scan# 6025
Delta R.T. -0.013 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25

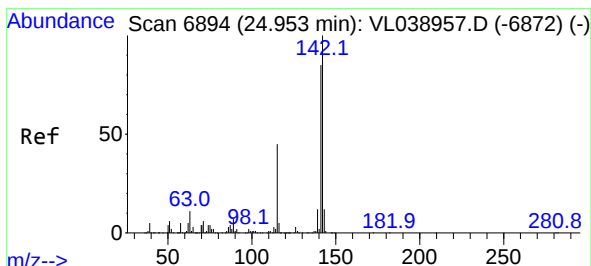
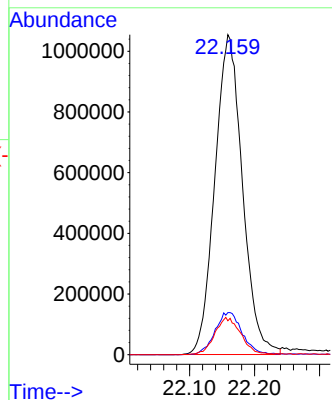
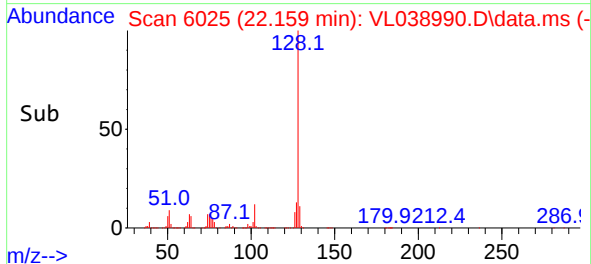
Instrument :
MSVOA_L
ClientSampleId :
VL0509ABS01



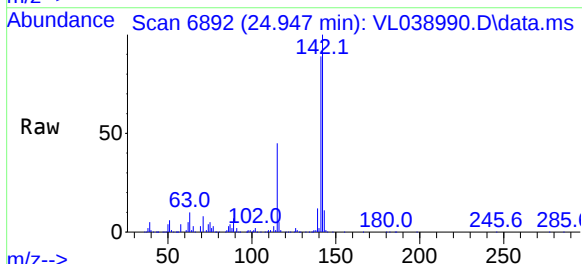
Tgt Ion:128 Resp: 310356
Ion Ratio Lower Upper
128 100
127 13.2 10.2 15.2
129 10.6 8.9 13.3

Manual Integrations
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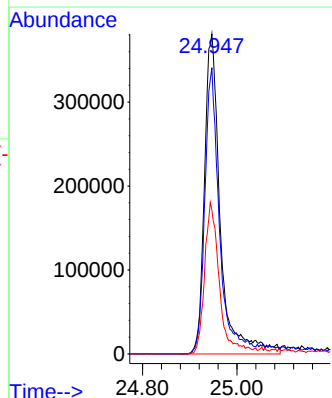
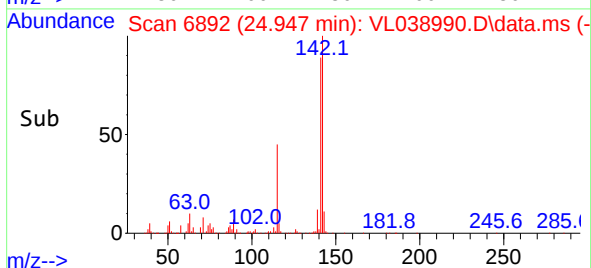
Reviewed By :Semsettin Yesilyurt 05/10/2022
Supervised By :Mahesh Dadoda 05/11/2022

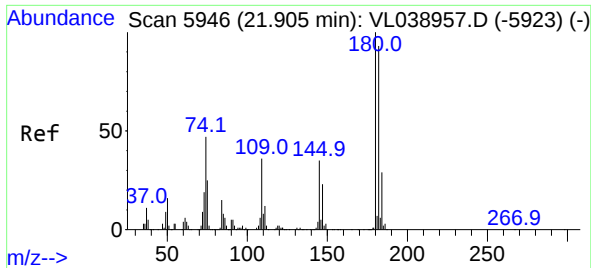


#80
Naphthalene,2-methyl-
Concen: 10.640 ppbv
RT: 24.947 min Scan# 6892
Delta R.T. -0.006 min
Lab File: VL038990.D
Acq: 9 May 2022 16:25



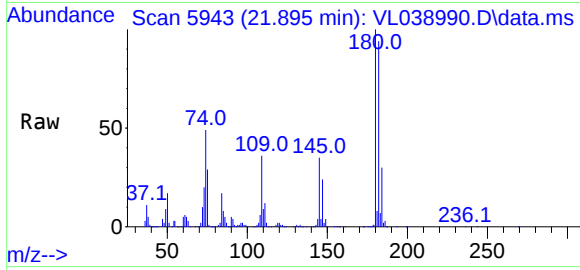
Tgt Ion:142 Resp: 886424
Ion Ratio Lower Upper
142 100
141 86.4 70.8 106.2
115 44.4 35.1 52.7





#81
 1,2,4-Trichlorobenzene
 Concen: 10.378 ppbv
 RT: 21.895 min Scan# 5943
 Delta R.T. -0.010 min
 Lab File: VL038990.D
 Acq: 9 May 2022 16:25

Instrument : MSVOA_L
 ClientSampleId : VL0509ABS01



Tgt Ion:180 Resp: 1674660

Ion	Ratio	Lower	Upper
180	100		
182	97.3	78.4	117.6
184	30.4	24.4	36.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2022
 Supervised By :Mahesh Dadoda 05/11/2022

