

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL051122\
 Data File : VL039024.D
 Acq On : 11 May 2022 17:07
 Operator : SY/AP
 Sample : VL0511ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0511ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2022
 Supervised By :Mahesh Dadoda 05/16/2022

Quant Time: May 11 19:23:38 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 11 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	5.648	49	981540	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.153	114	2699382	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.060	117	2437107m	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.388 95 1779645 9.221 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 92.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.041	85	1228968	7.991	ppbv	99
3) Chlorodifluoromethane	2.983	51	1183415	9.716	ppbv	96
4) Chloromethane	3.134	50	613302	10.055	ppbv	96
5) Vinyl Chloride	3.250	62	567705	10.193	ppbv	99
6) Bromomethane	3.465	94	278894	10.600	ppbv	88
7) Chloroethane	3.549	64	197721	10.606	ppbv	91
8) Dichlorotetrafluoroethane	3.179	85	1349527	9.682	ppbv	95
9) Propene	3.005	41	583648	10.973	ppbv	96
10) Heptane	8.102	43	1460285	11.191	ppbv	100
11) Trichlorofluoromethane	3.938	101	1262514	9.568	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.472	101	901528	9.918	ppbv	95
13) Ethanol	3.587	45	16647	4.423	ppbv #	38
14) Bromoethene	3.729	108	406942	10.857	ppbv	97
15) Acetone	3.835	43	936753	10.117	ppbv	99
16) 1,3-Butadiene	3.320	39	550881	10.356	ppbv	100
17) tert-Butyl alcohol	4.269	59	838282	11.780	ppbv	98
18) 1,1-Dichloroethene	4.275	96	405194	10.358	ppbv	96
19) Isopropyl Alcohol	3.947	45	508770	11.557	ppbv	99
20) Methylene Chloride	4.330	84	343922	9.856	ppbv	97
21) Allyl Chloride	4.398	41	693814	10.997	ppbv	95
22) trans-1,2-Dichloroethene	4.867	96	434708	10.287	ppbv	97
23) Vinyl Acetate	5.057	43	830069	11.331	ppbv	97
24) 1,1-Dichloroethane	4.996	63	857547	10.166	ppbv	99
25) Ethyl Acetate	5.655	43	2463692	11.117	ppbv	100
26) Hexane	5.668	57	1083861	11.008	ppbv	96
27) Carbon Disulfide	4.536	76	1005575	10.751	ppbv	100
28) Methyl tert-Butyl Ether	5.015	73	821121	10.961	ppbv	100
29) Chloroform	5.732	83	1651415	10.366	ppbv	98
30) Cyclohexane	7.108	84	940887	11.413	ppbv	94
31) cis-1,2-Dichloroethene	5.533	61	1044182	10.409	ppbv	91
32) 1,1,1-Trichloroethane	6.491	97	1658096	10.409	ppbv	98
34) 2-Butanone	5.224	43	1445641	10.497	ppbv	99
35) Carbon Tetrachloride	6.999	117	1669226	9.385	ppbv	98
36) Benzene	6.870	78	2314070	10.017	ppbv	97
37) 1,2-Dichloroethane	6.285	62	1222502	8.553	ppbv #	96
38) Trichloroethene	7.812	130	1011039	9.845	ppbv	95
39) 1,2-Dichloropropane	7.590	63	883896	9.834	ppbv	97
40) 1,4-Dioxane	7.806	88	321354	9.954	ppbv	98
41) Tetrahydrofuran	6.025	42	942069	10.178	ppbv	99
42) Bromodichloromethane	7.767	83	1800431	9.214	ppbv	99
43) Methyl Methacrylate	7.992	69	948762	10.117	ppbv	96
44) 2,2,4-Trimethylpentane	7.848	57	3819671	9.423	ppbv	98
45) t-1,3-Dichloropropene	9.253	75	1025137	11.292	ppbv	95

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Instrument :
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 Supervised By : Mahesh Dadoda 05/16/2022

Quant Time: May 11 19:23:38 2022

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

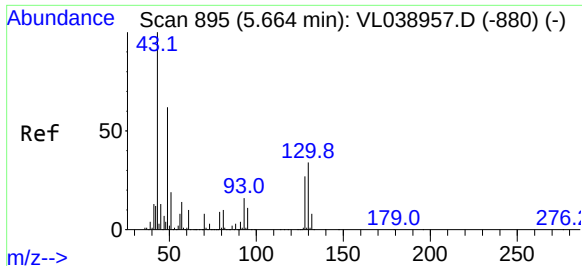
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 11 19:23:38 2022

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	8.677	75	1290419	10.719	ppbv	95
47) 1,1,2-Trichloroethane	9.449	97	938502	10.039	ppbv	98
48) Dibromochloromethane	10.278	129	1506464	9.901	ppbv	98
49) Bromoform	13.015	173	1199938	10.340	ppbv	99
50) 4-Methyl-2-Pentanone	8.713	43	2369596	9.812	ppbv	98
51) 2-Hexanone	10.105	43	1950863	11.069	ppbv #	100
52) Tetrachloroethene	11.195	164	796989	9.654	ppbv	99
53) Toluene	9.780	91	2678212	10.344	ppbv	98
54) 1,2-Dibromoethane	10.584	107	1319045	10.364	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.098	131	1075830	10.061	ppbv	97
57) Chlorobenzene	12.121	112	1875670	10.267	ppbv	92
58) Ethyl Benzene	12.683	91	3573711	10.189	ppbv	99
59) m/p-Xylene	12.970	91	5901850m	19.711	ppbv	
60) o-Xylene	13.661	91	2779515	9.863	ppbv	99
61) Styrene	13.503	104	1757166	11.680	ppbv	93
62) Isopropylbenzene	14.638	105	4041310	9.806	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.648	83	1586331	9.560	ppbv	100
64) n-propylbenzene	15.532	120	1032707	10.365	ppbv	98
65) tert-Butylbenzene	16.715	119	3477314	9.630	ppbv	95
66) Benzyl Chloride	16.960	91	618290	13.100	ppbv	97
67) sec-Butylbenzene	17.265	105	5068798	9.826	ppbv	100
69) p-Isopropyltoluene	17.625	119	4132042	9.915	ppbv	98
70) n-Butylbenzene	18.519	91	4393427	9.923	ppbv	99
71) 2-Chlorotoluene	15.423	91	3100222	9.758	ppbv	98
72) 4-Ethyltoluene	15.812	105	3291010	10.248	ppbv	98
73) 1,3,5-Trimethylbenzene	15.969	105	2989558	10.341	ppbv	98
74) 1,2,4-Trimethylbenzene	16.735	105	3128340	9.883	ppbv	93
75) 1,3-Dichlorobenzene	16.969	146	1778296	10.253	ppbv	100
76) 1,4-Dichlorobenzene	17.108	146	1732988	10.157	ppbv	98
77) 1,2-Dichlorobenzene	17.786	146	1729642	10.083	ppbv	99
78) Hexachloro-1,3-Butadiene	23.345	225	1397705	8.866	ppbv	100
79) Naphthalene	22.159	128	3029416	11.782	ppbv	100
80) Naphthalene,2-methyl-	24.947	142	1125922	14.475	ppbv	93
81) 1,2,4-Trichlorobenzene	21.892	180	1568857	10.412	ppbv	99

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



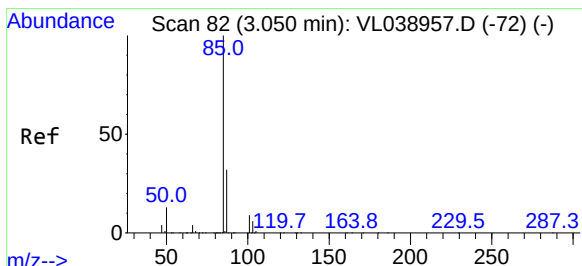
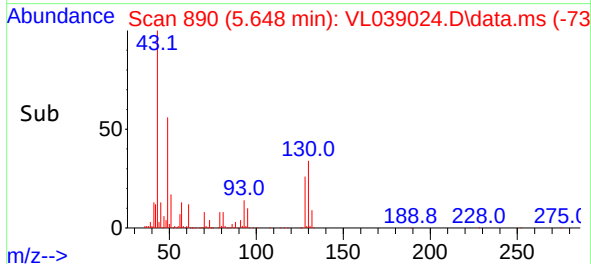
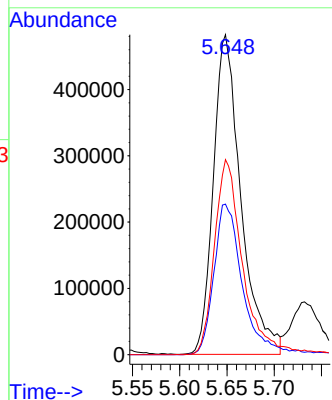
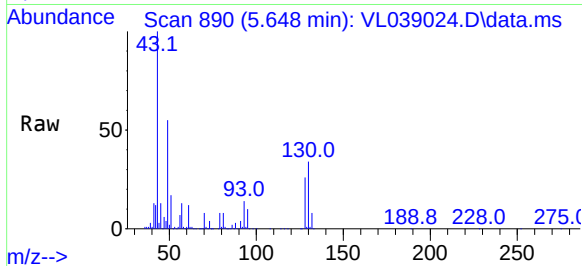
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.648 min Scan# 89
Delta R.T. -0.016 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

Tgt Ion: 49 Resp: 981540
Ion Ratio Lower Upper
49 100
128 49.4 23.3 69.8
130 63.7 29.8 89.3

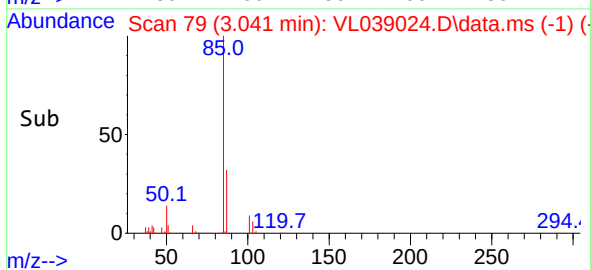
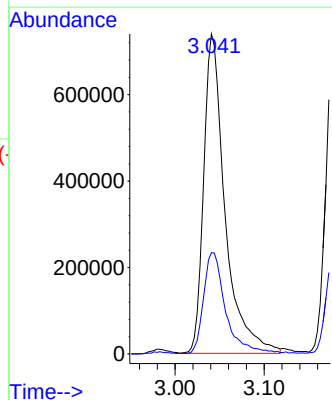
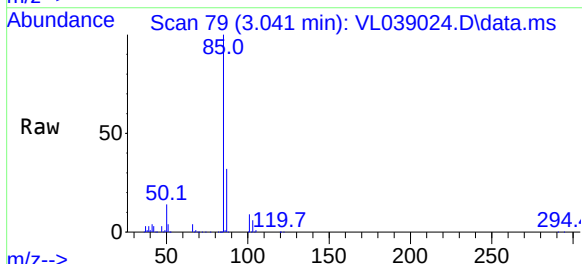
Manual Integrations
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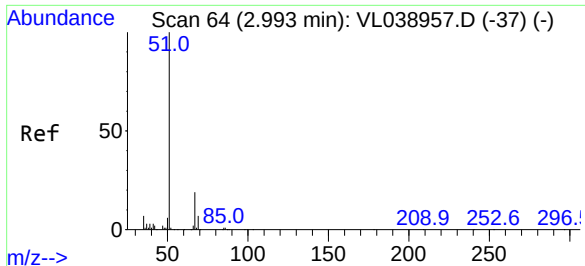
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#2
Dichlorodifluoromethane
Concen: 7.991 ppbv
RT: 3.041 min Scan# 79
Delta R.T. -0.010 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

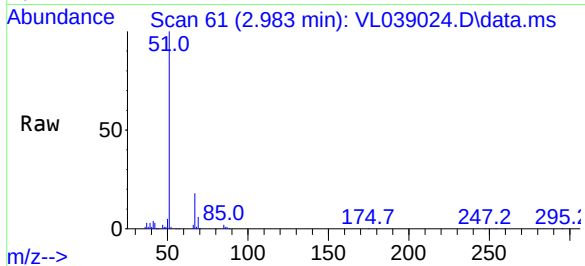
Tgt Ion: 85 Resp: 1228968
Ion Ratio Lower Upper
85 100
87 31.5 25.7 38.5





#3
Chlorodifluoromethane
Concen: 9.716 ppbv
RT: 2.983 min Scan# 61
Delta R.T. -0.010 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

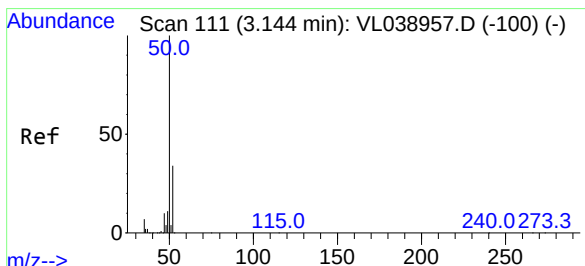
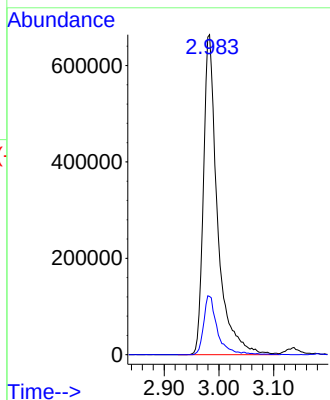
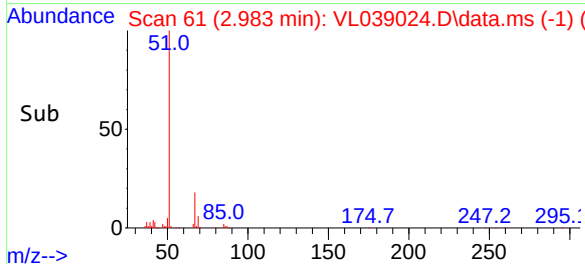
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



Tgt Ion: 51 Resp: 118341
Ion Ratio Lower Upper
51 100
67 18.1 15.8 23.8

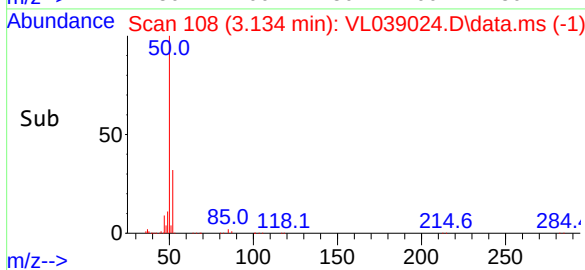
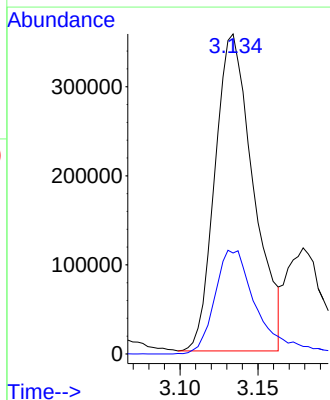
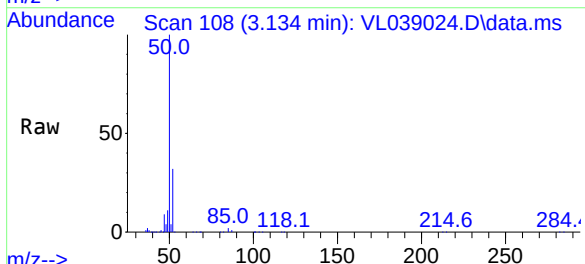
Manual Integrations
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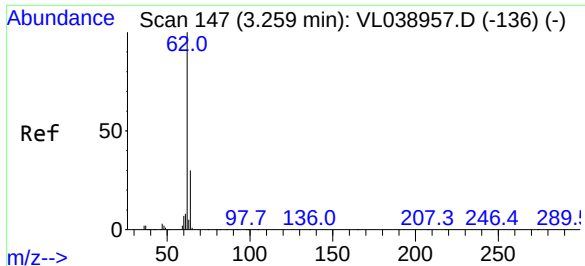
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#4
Chloromethane
Concen: 10.055 ppbv
RT: 3.134 min Scan# 108
Delta R.T. -0.010 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

Tgt Ion: 50 Resp: 613302
Ion Ratio Lower Upper
50 100
52 31.7 27.3 40.9





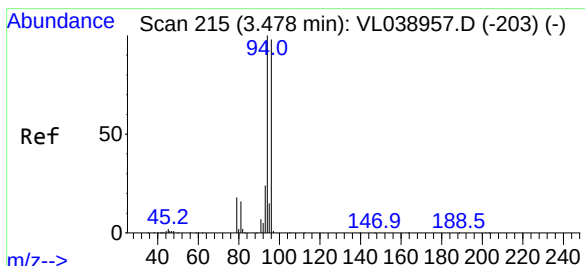
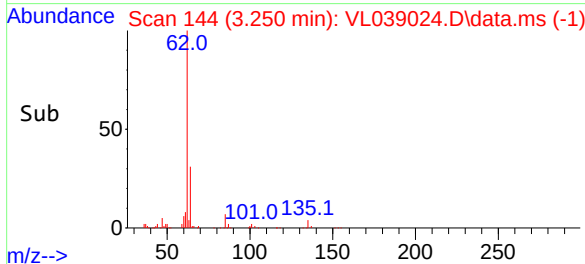
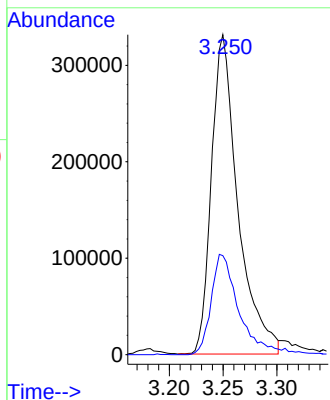
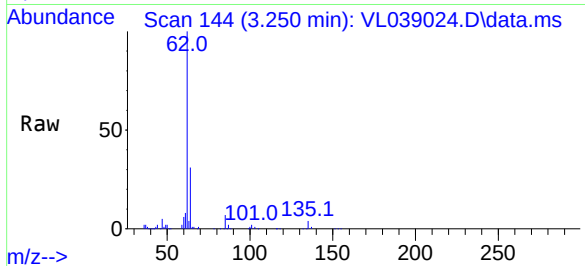
#5
 Vinyl Chloride
 Concen: 10.193 ppbv
 RT: 3.250 min Scan# 147
 Delta R.T. -0.010 min
 Lab File: VL039024.D
 Acq: 11 May 2022 17:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0511ABS01

Tgt Ion: 62 Resp: 56770
 Ion Ratio Lower Upper
 62 100
 64 31.0 24.2 36.4

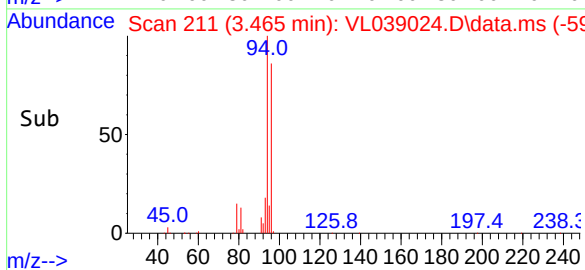
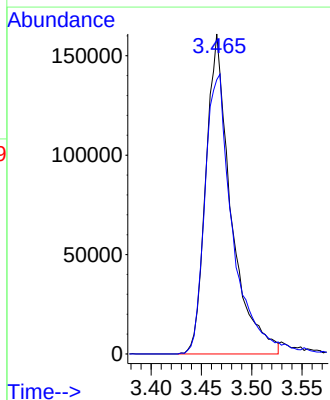
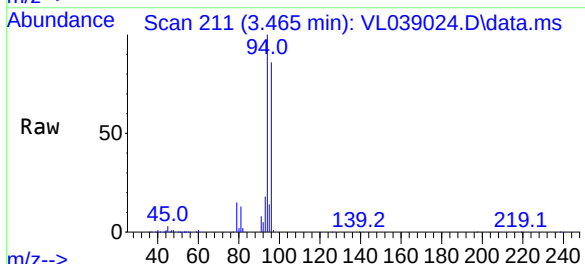
Manual Integrations
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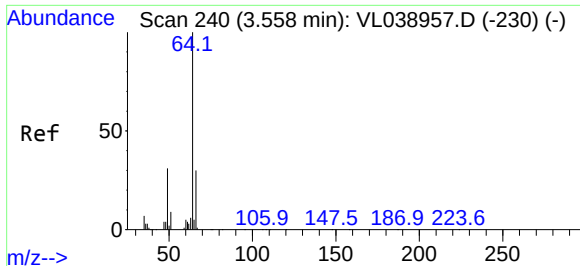
Reviewed By :Semsettin Yesilyurt 05/15/2022
 Supervised By :Mahesh Dadoda 05/16/2022



#6
 Bromomethane
 Concen: 10.600 ppbv
 RT: 3.465 min Scan# 211
 Delta R.T. -0.013 min
 Lab File: VL039024.D
 Acq: 11 May 2022 17:07

Tgt Ion: 94 Resp: 278894
 Ion Ratio Lower Upper
 94 100
 96 85.8 78.1 117.1





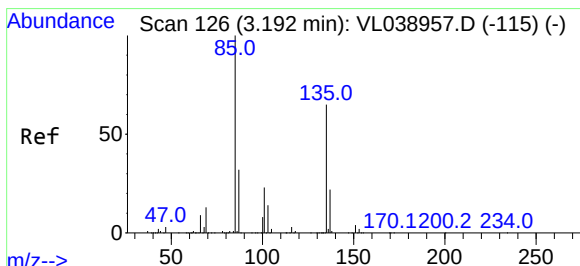
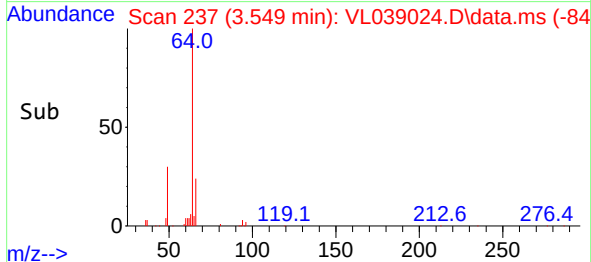
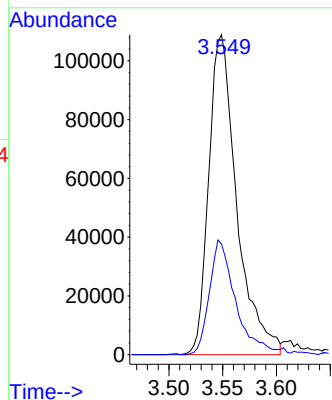
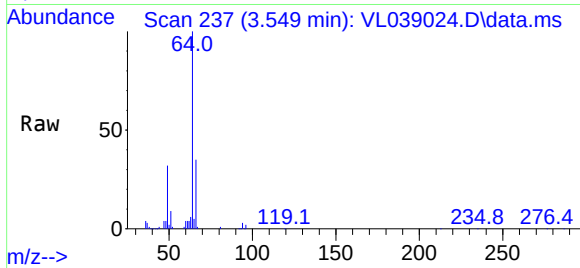
#7
Chloroethane
Concen: 10.606 ppbv
RT: 3.549 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

Tgt Ion: 64 Resp: 19772
Ion Ratio Lower Upper
64 100
66 34.6 23.8 35.8

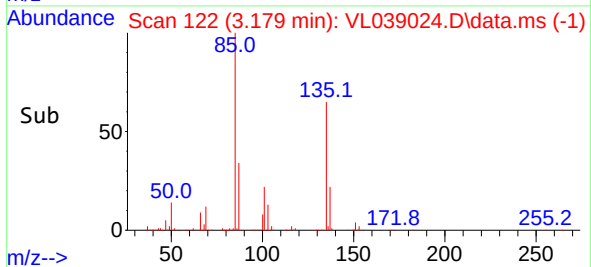
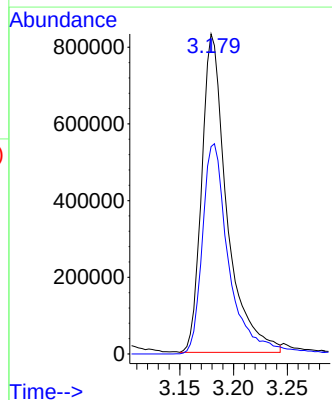
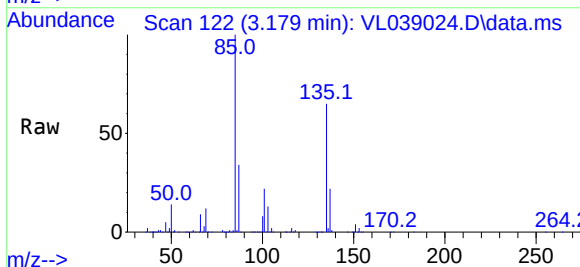
Manual Integrations
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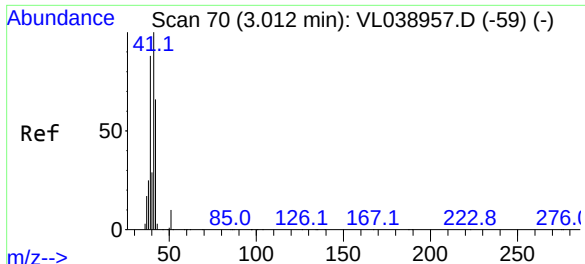
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#8
Dichlorotetrafluoroethane
Concen: 9.682 ppbv
RT: 3.179 min Scan# 122
Delta R.T. -0.013 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

Tgt Ion: 85 Resp: 1349527
Ion Ratio Lower Upper
85 100
135 71.0 53.6 80.4





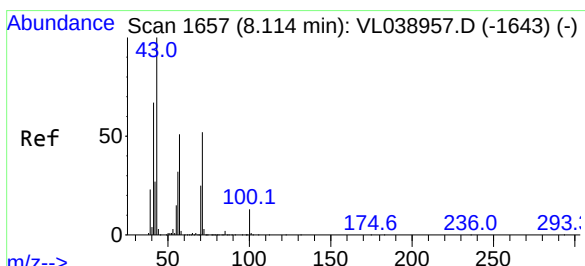
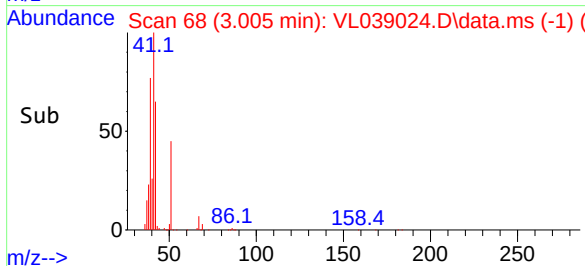
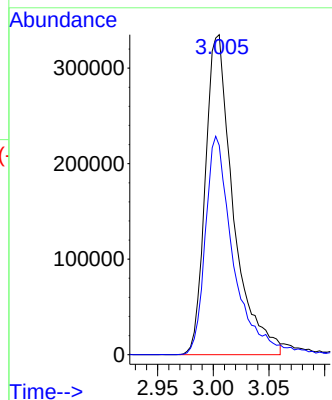
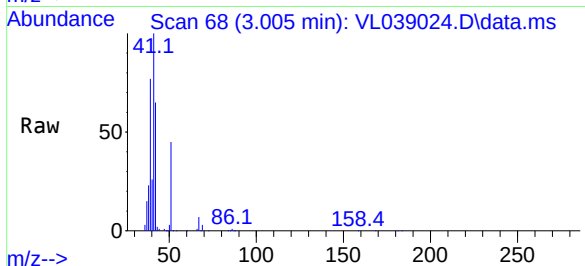
#9
Propene
Concen: 10.973 ppbv
RT: 3.005 min Scan# 61
Delta R.T. -0.006 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

Tgt Ion: 41 Resp: 583648
Ion Ratio Lower Upper
41 100
42 69.6 58.3 87.5

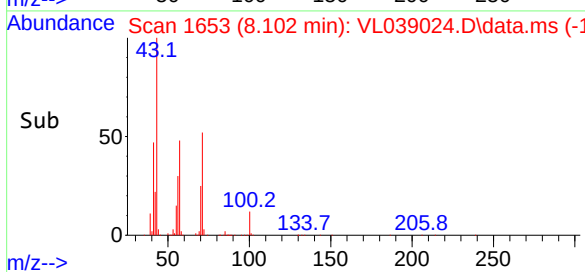
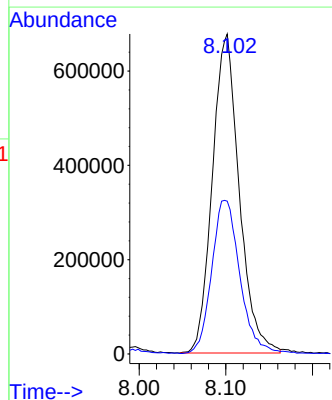
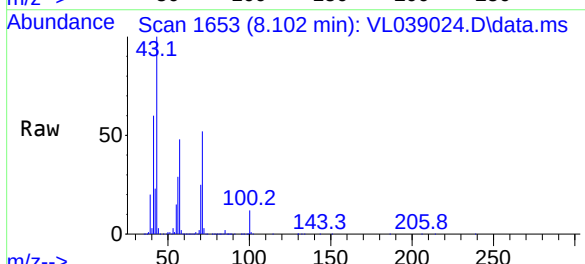
Manual Integrations
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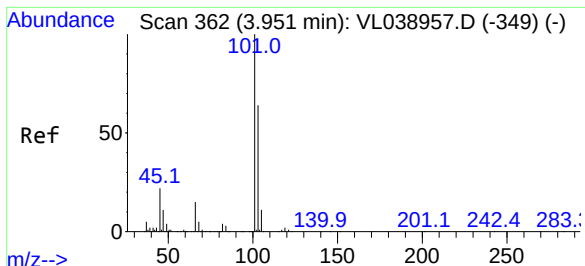
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#10
Heptane
Concen: 11.191 ppbv
RT: 8.102 min Scan# 1653
Delta R.T. -0.013 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

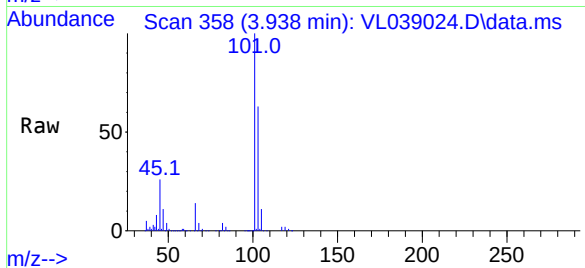
Tgt Ion: 43 Resp: 1460285
Ion Ratio Lower Upper
43 100
57 50.8 40.5 60.7





#11
Trichlorofluoromethane
Concen: 9.568 ppbv
RT: 3.938 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

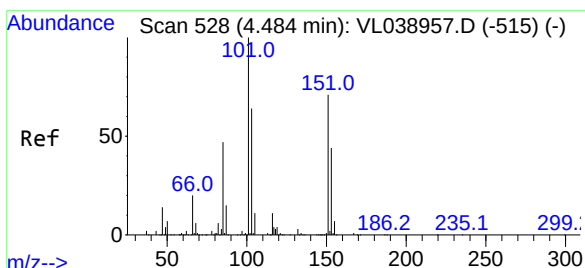
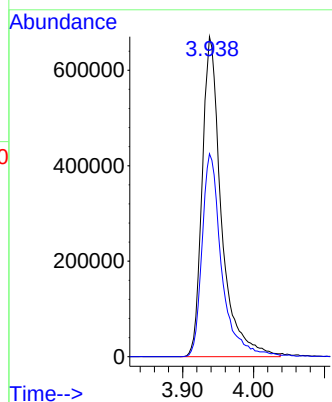
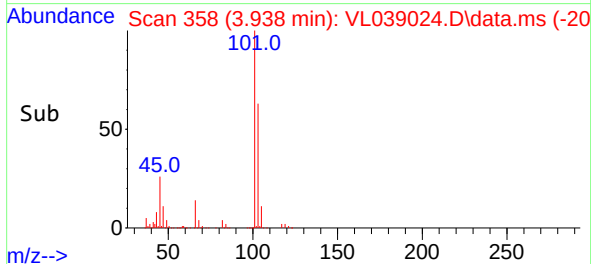
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



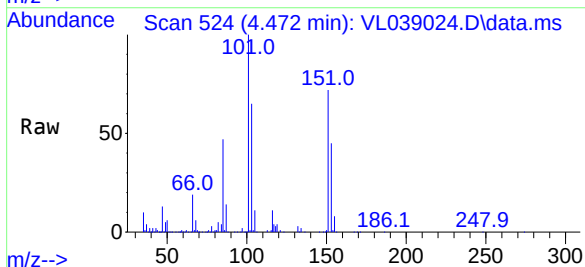
Tgt Ion:101 Resp: 1262514
Ion Ratio Lower Upper
101 100
103 63.4 51.5 77.3

Manual Integrations
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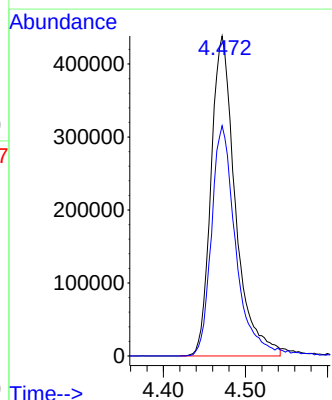
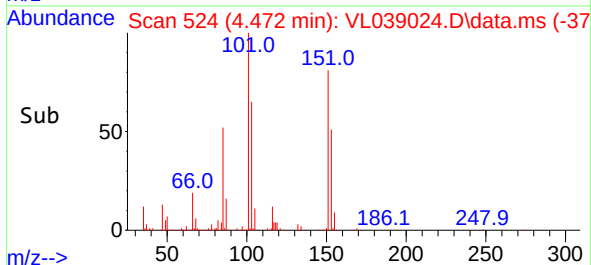
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

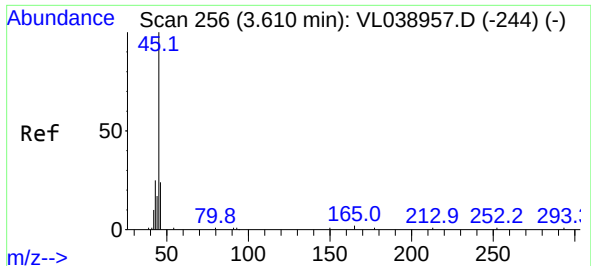


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.918 ppbv
RT: 4.472 min Scan# 524
Delta R.T. -0.013 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07



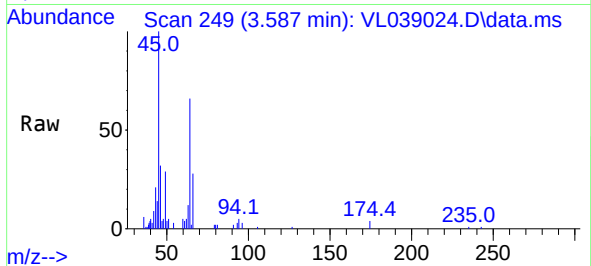
Tgt Ion:101 Resp: 901528
Ion Ratio Lower Upper
101 100
151 73.2 55.4 83.0





#13
Ethanol
Concen: 4.423 ppbv
RT: 3.587 min Scan# 249
Delta R.T. -0.022 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

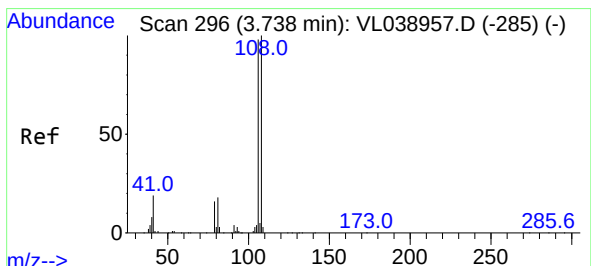
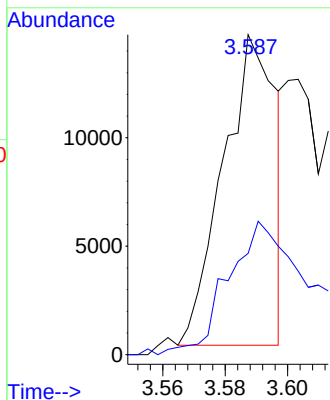
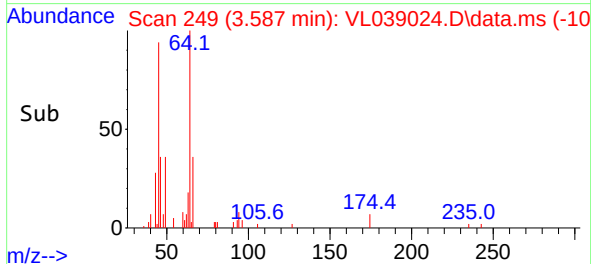
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



Tgt Ion: 45 Resp: 1664
Ion Ratio Lower Upper
45 100
46 85.7 18.0 72.2

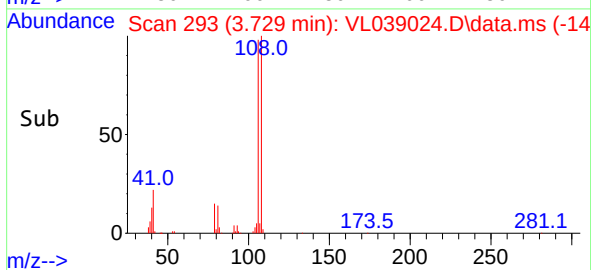
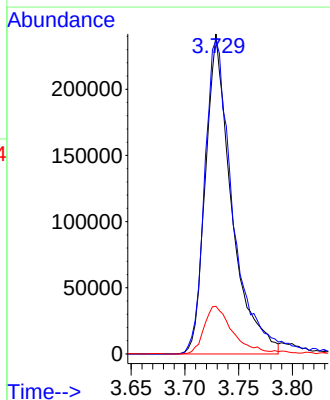
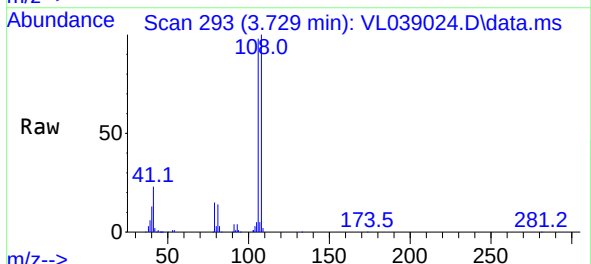
Manual Integrations
APPROVED

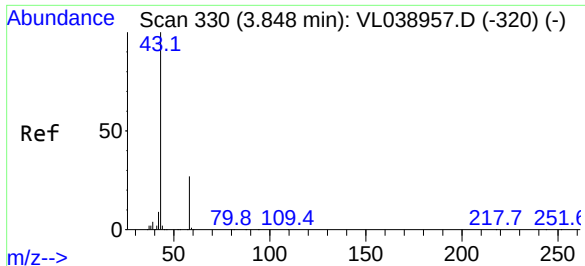
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#14
Bromoethene
Concen: 10.857 ppbv
RT: 3.729 min Scan# 293
Delta R.T. -0.010 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

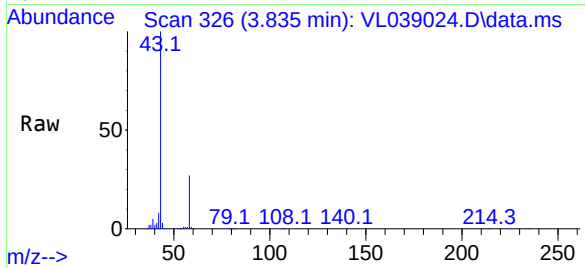
Tgt Ion:108 Resp: 406942
Ion Ratio Lower Upper
108 100
106 109.5 90.3 135.5
79 17.2 14.9 22.3





#15
Acetone
Concen: 10.117 ppbv
RT: 3.835 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

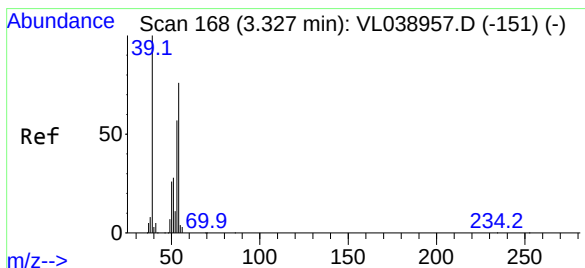
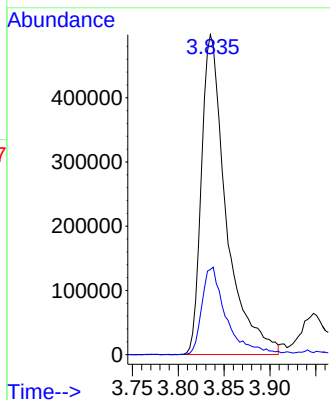
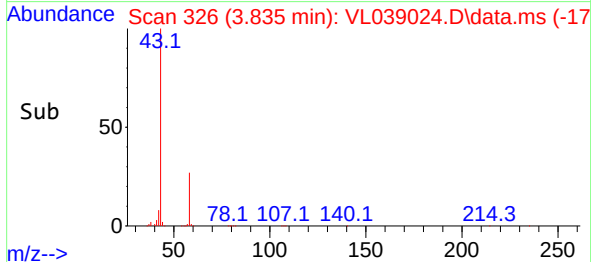
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



Tgt Ion: 43 Resp: 93675
Ion Ratio Lower Upper
43 100
58 27.3 21.3 31.9

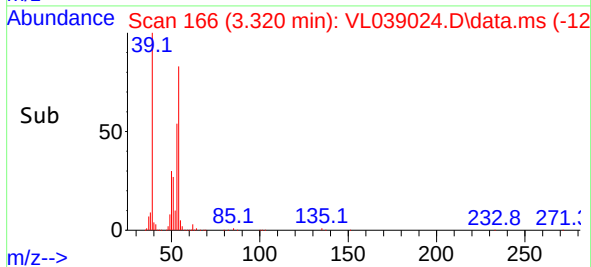
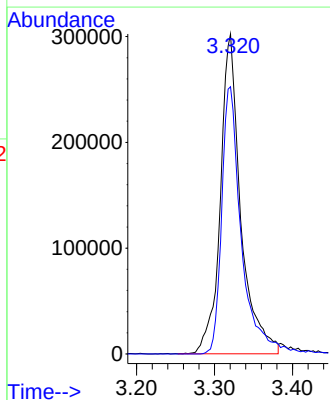
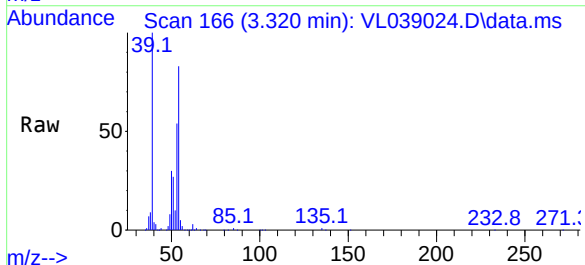
Manual Integrations
APPROVED

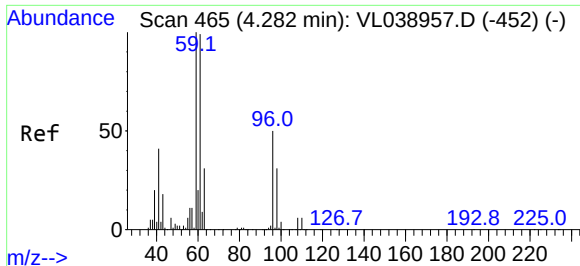
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#16
1,3-Butadiene
Concen: 10.356 ppbv
RT: 3.320 min Scan# 166
Delta R.T. -0.006 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

Tgt Ion: 39 Resp: 550881
Ion Ratio Lower Upper
39 100
54 81.6 65.2 97.8





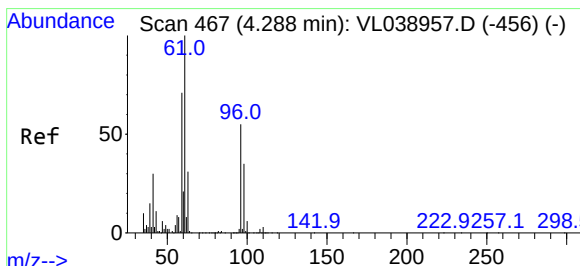
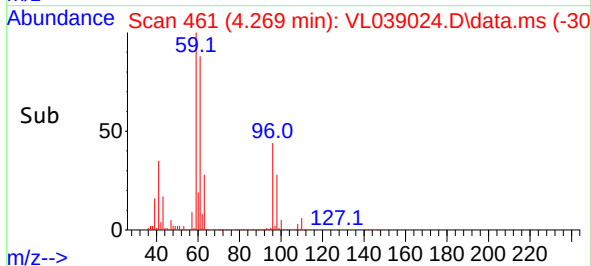
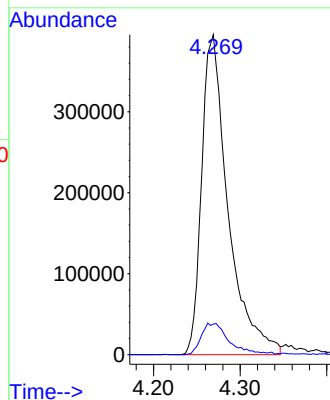
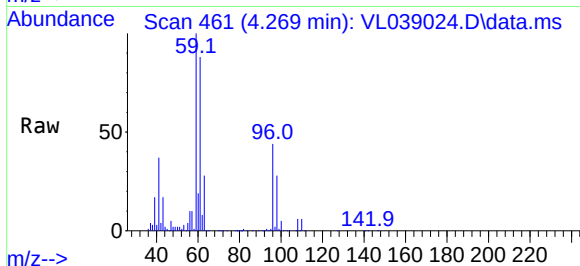
#17
tert-Butyl alcohol
Concen: 11.780 ppbv
RT: 4.269 min Scan# 40
Delta R.T. -0.013 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

Tgt Ion: 59 Resp: 83828
Ion Ratio Lower Upper
59 100
57 10.8 9.2 13.8

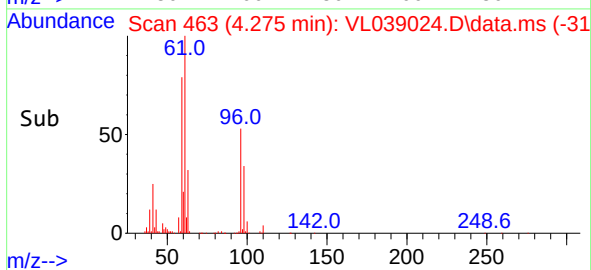
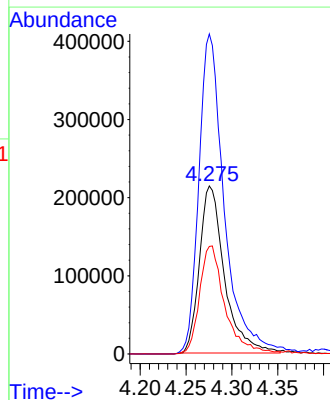
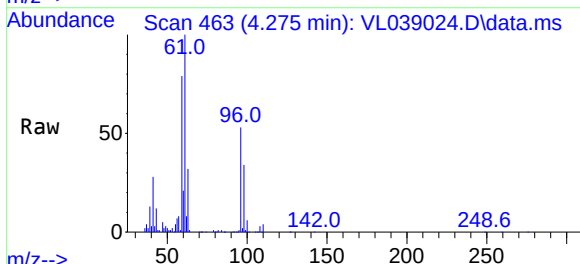
Manual Integrations
APPROVED

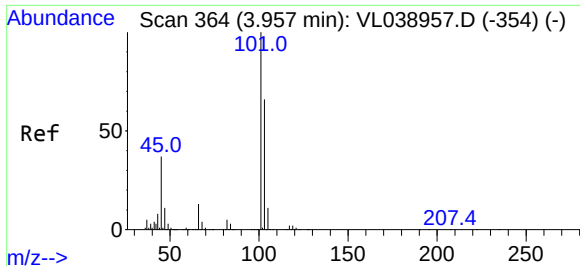
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#18
1,1-Dichloroethene
Concen: 10.358 ppbv
RT: 4.275 min Scan# 463
Delta R.T. -0.013 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

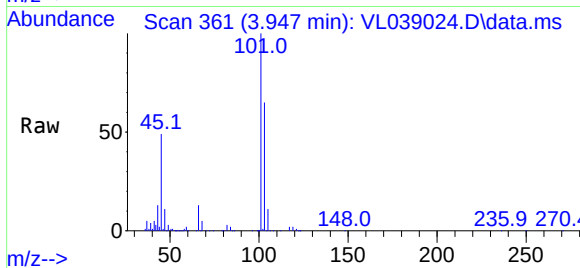
Tgt Ion: 96 Resp: 405194
Ion Ratio Lower Upper
96 100
61 190.1 146.3 219.5
98 64.0 50.6 75.8





#19
Isopropyl Alcohol
Concen: 11.557 ppbv
RT: 3.947 min Scan# 30
Delta R.T. -0.010 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

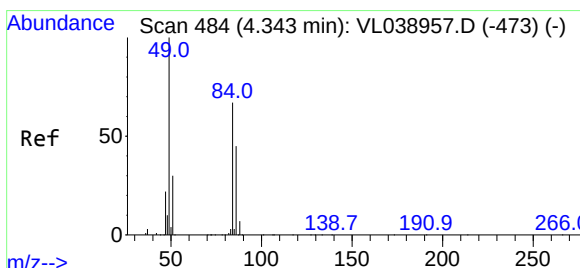
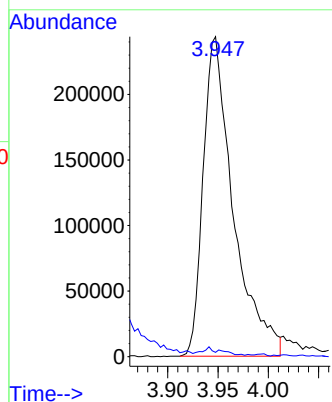
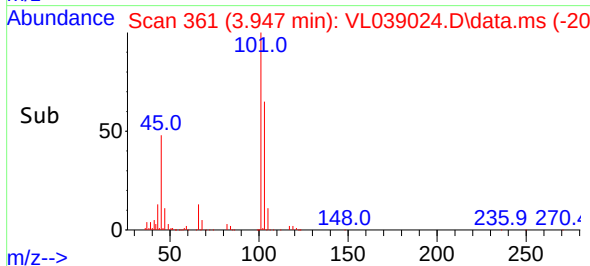
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



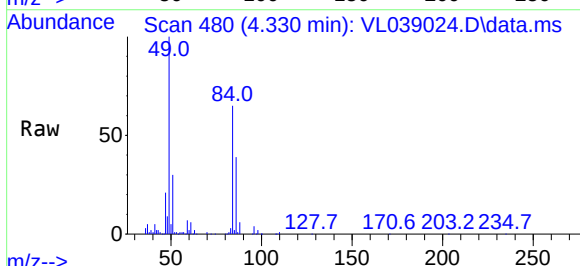
Tgt Ion: 45 Resp: 508770
Ion Ratio Lower Upper
45 100
58 2.0 1.4 2.2

Manual Integrations
APPROVED

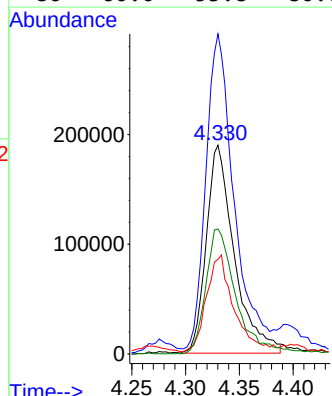
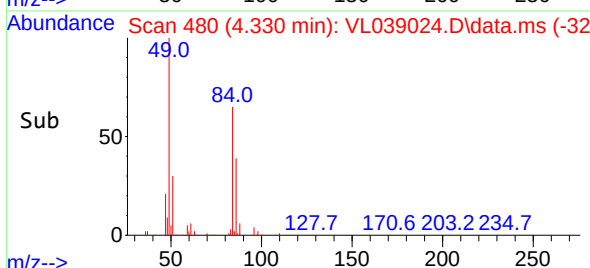
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

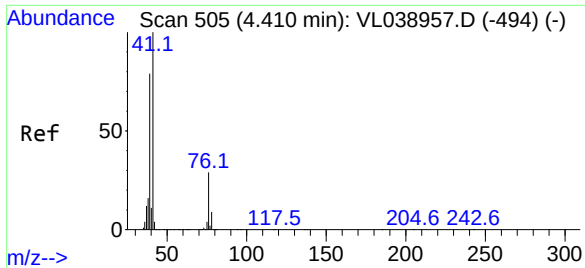


#20
Methylene Chloride
Concen: 9.856 ppbv
RT: 4.330 min Scan# 480
Delta R.T. -0.013 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07



Tgt Ion: 84 Resp: 343922
Ion Ratio Lower Upper
84 100
49 151.3 119.9 179.9
51 44.3 35.7 53.5
86 60.0 53.8 80.6





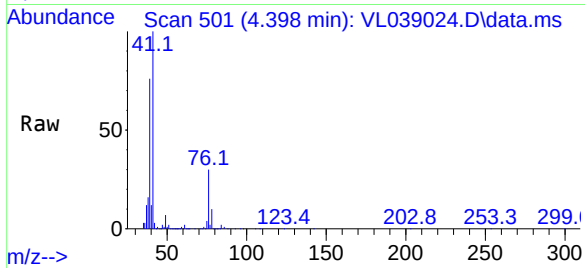
#21
 Allyl Chloride
 Concen: 10.997 ppbv
 RT: 4.398 min Scan# 505
 Delta R.T. -0.013 min
 Lab File: VL039024.D
 Acq: 11 May 2022 17:07

Instrument :

MSVOA_L

ClientSampleId :

VL0511ABS01

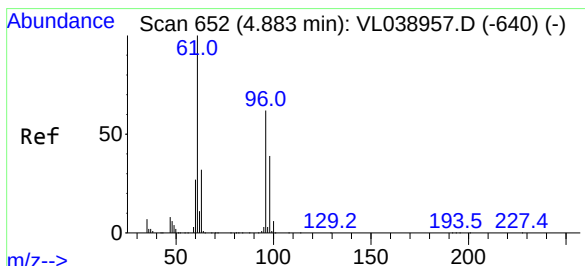
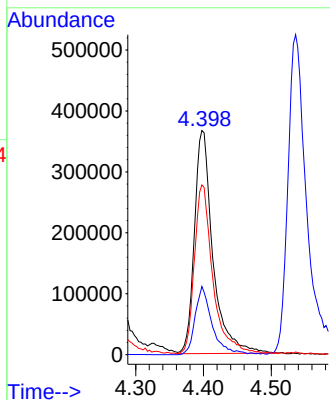
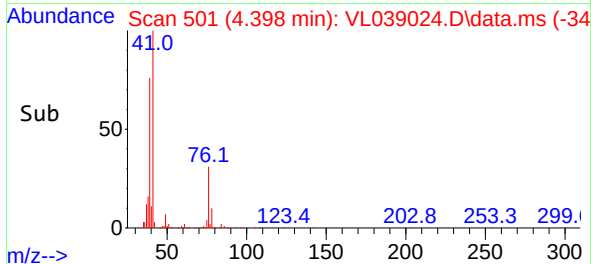


Tgt Ion: 41 Resp: 693814
 Ion Ratio Lower Upper
 41 100
 76 28.2 24.2 36.4
 39 75.4 63.8 95.8

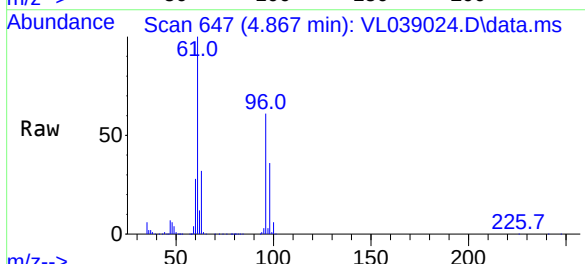
Manual Integrations

APPROVED

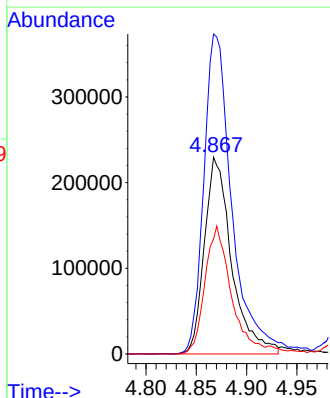
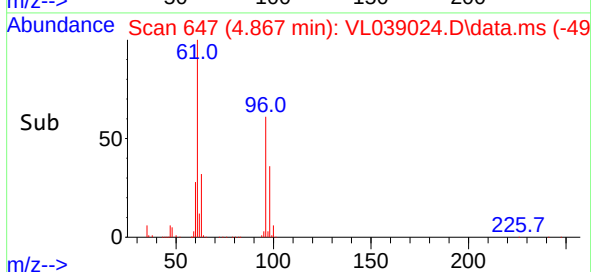
Reviewed By :Semsettin Yesilyurt 05/15/2022
 Supervised By :Mahesh Dadoda 05/16/2022

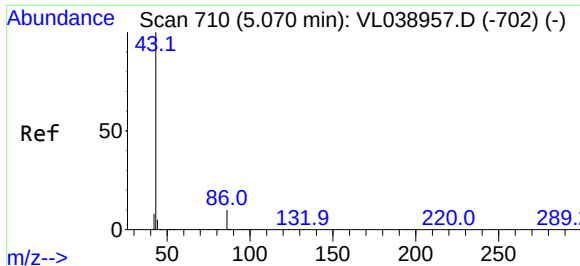


#22
 trans-1,2-Dichloroethene
 Concen: 10.287 ppbv
 RT: 4.867 min Scan# 647
 Delta R.T. -0.016 min
 Lab File: VL039024.D
 Acq: 11 May 2022 17:07



Tgt Ion: 96 Resp: 434708
 Ion Ratio Lower Upper
 96 100
 61 162.4 128.2 192.2
 98 58.3 50.1 75.1





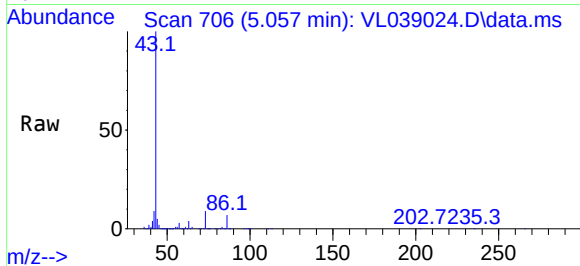
#23
 Vinyl Acetate
 Concen: 11.331 ppbv
 RT: 5.057 min Scan# 706
 Delta R.T. -0.013 min
 Lab File: VL039024.D
 Acq: 11 May 2022 17:07

Instrument :

MSVOA_L

ClientSampleId :

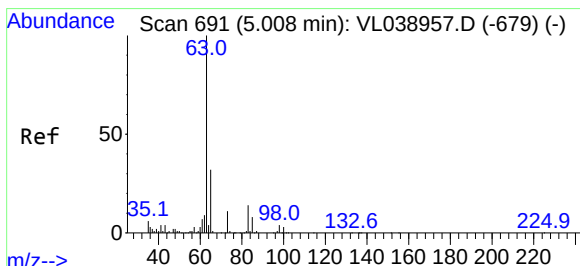
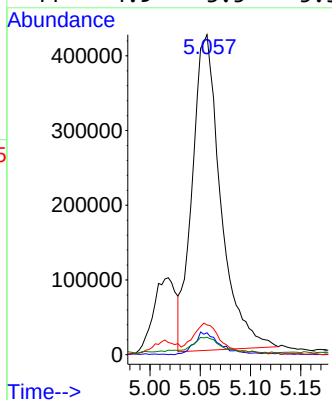
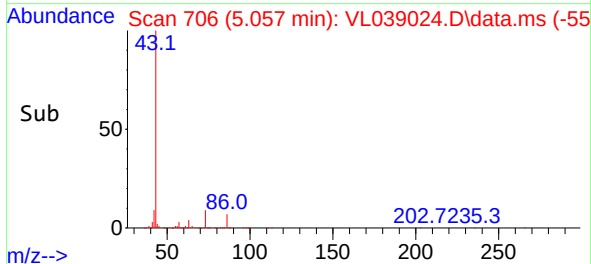
VL0511ABS01



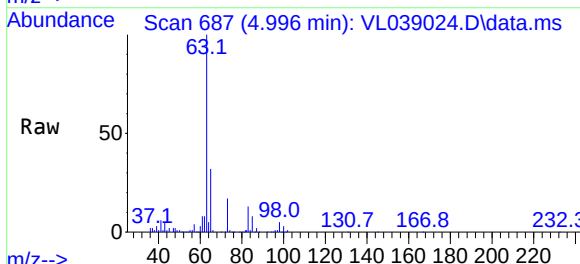
Tgt Ion:	43	Resp:	830069
Ion	Ratio	Lower	Upper
43	100		
86	6.6	6.6	9.8
42	9.1	8.1	12.1
44	4.9	3.5	5.3

Manual Integrations
 APPROVED

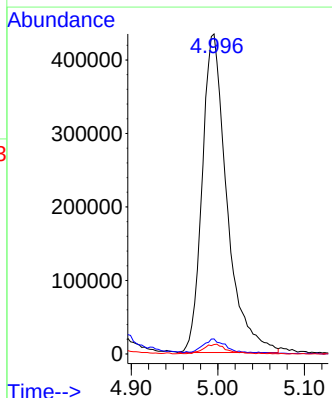
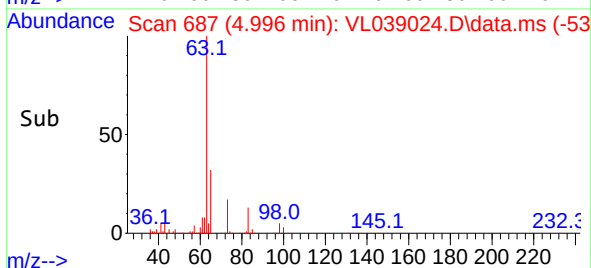
Reviewed By :Semsettin Yesilyurt 05/15/2022
 Supervised By :Mahesh Dadoda 05/16/2022

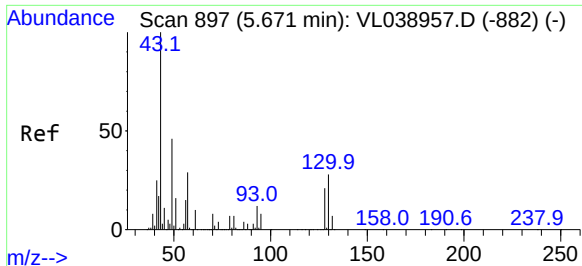


#24
 1,1-Dichloroethane
 Concen: 10.166 ppbv
 RT: 4.996 min Scan# 687
 Delta R.T. -0.013 min
 Lab File: VL039024.D
 Acq: 11 May 2022 17:07



Tgt Ion:	63	Resp:	857547
Ion	Ratio	Lower	Upper
63	100		
98	4.5	2.1	6.2
100	2.9	1.4	4.2





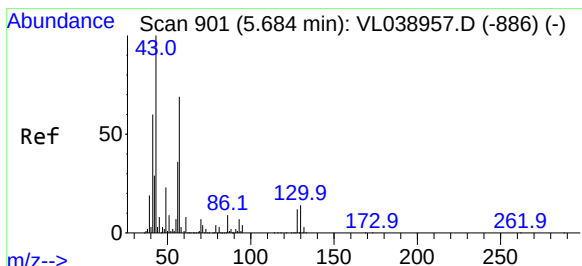
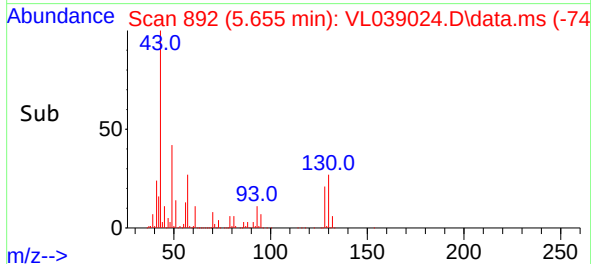
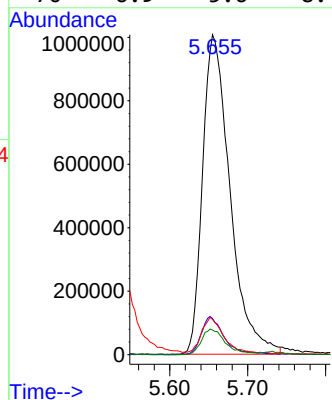
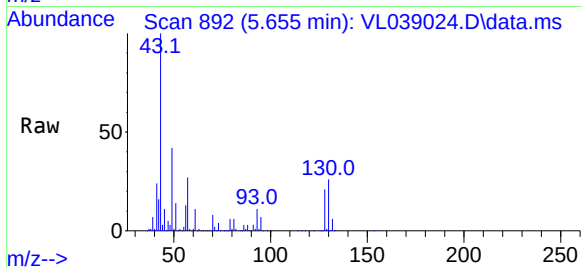
#25
Ethyl Acetate
Concen: 11.117 ppbv
RT: 5.655 min Scan# 891
Delta R.T. -0.016 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

Tgt Ion: 43 Resp: 2463692
Ion Ratio Lower Upper
43 100
45 10.3 8.1 12.1
61 9.8 7.8 11.6
70 6.9 5.6 8.4

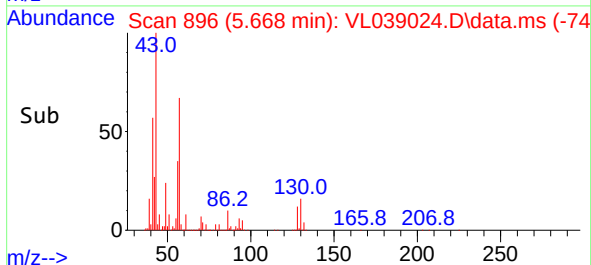
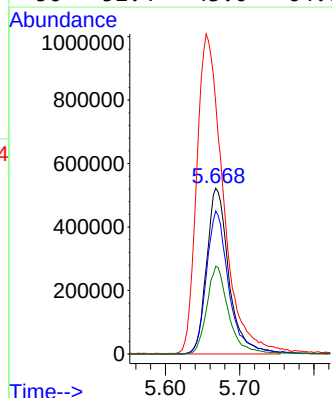
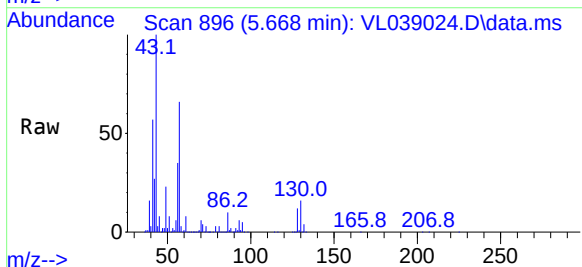
Manual Integrations
APPROVED

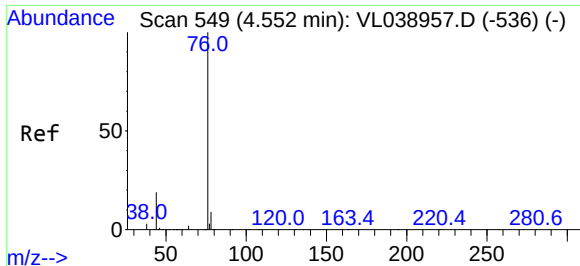
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#26
Hexane
Concen: 11.008 ppbv
RT: 5.668 min Scan# 896
Delta R.T. -0.016 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

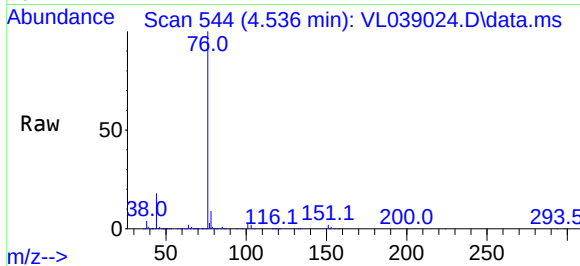
Tgt Ion: 57 Resp: 1083861
Ion Ratio Lower Upper
57 100
41 88.3 75.2 112.8
43 231.8 190.8 286.2
56 52.4 43.0 64.6





#27
Carbon Disulfide
Concen: 10.751 ppbv
RT: 4.536 min Scan# 549
Delta R.T. -0.016 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

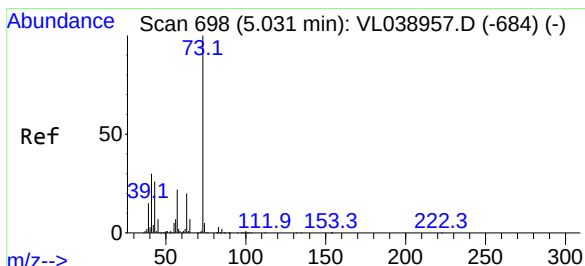
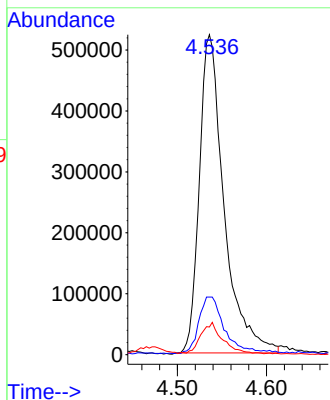
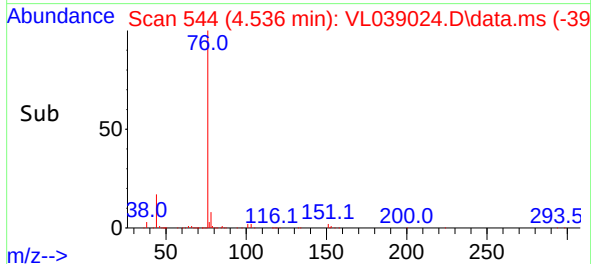
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



Tgt Ion: 76 Resp: 100557
Ion Ratio Lower Upper
76 100
44 19.2 15.3 22.9
78 10.0 8.2 12.2

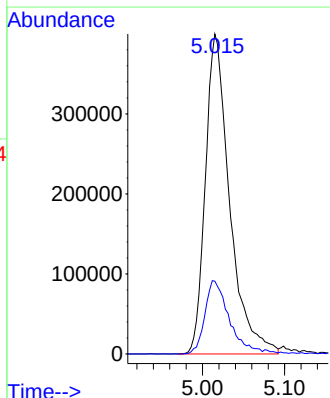
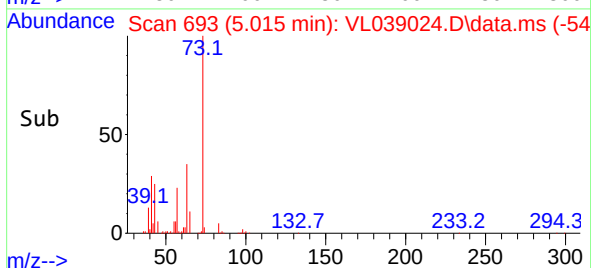
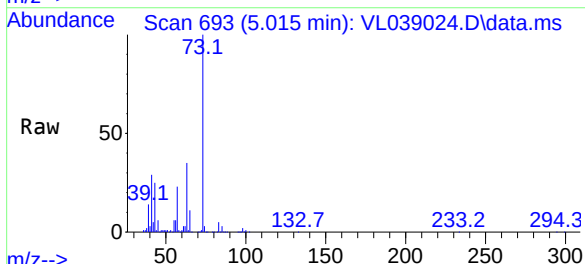
Manual Integrations APPROVED

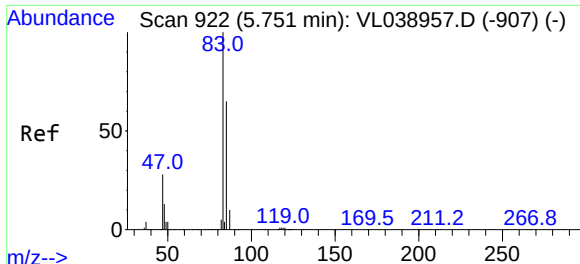
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#28
Methyl tert-Butyl Ether
Concen: 10.961 ppbv
RT: 5.015 min Scan# 693
Delta R.T. -0.016 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

Tgt Ion: 73 Resp: 821121
Ion Ratio Lower Upper
73 100
57 23.6 18.8 28.2





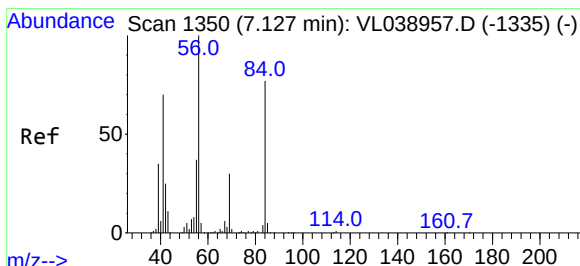
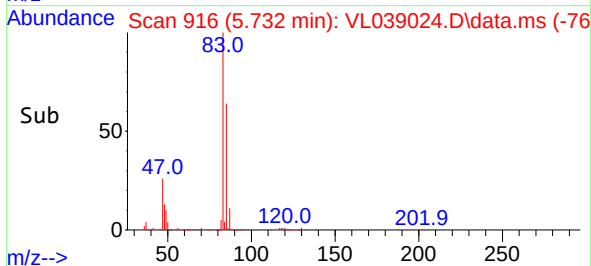
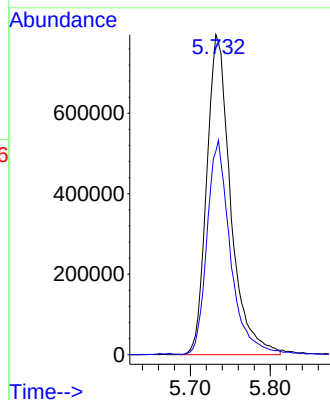
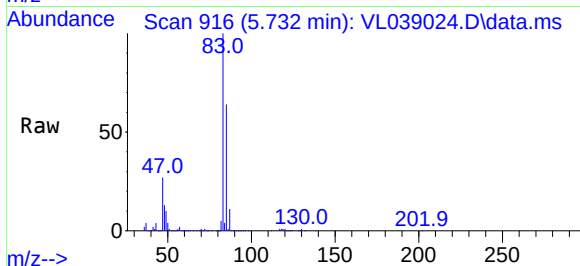
#29
Chloroform
Concen: 10.366 ppbv
RT: 5.732 min Scan# 916
Delta R.T. -0.019 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

Tgt Ion: 83 Resp: 165141
Ion Ratio Lower Upper
83 100
85 63.5 51.8 77.6

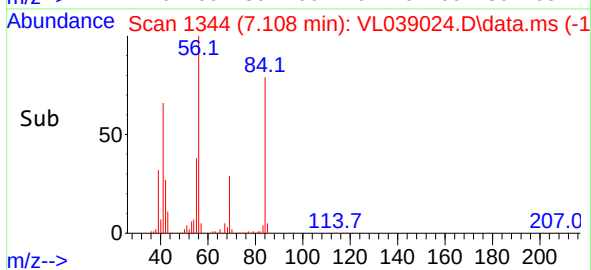
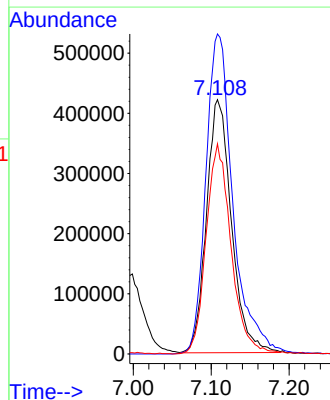
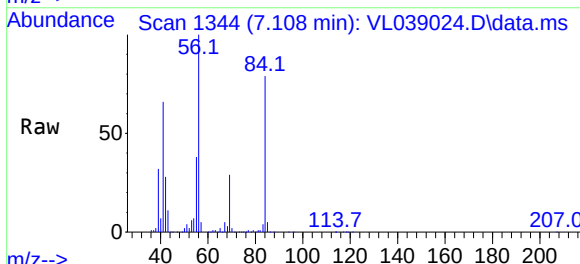
Manual Integrations
APPROVED

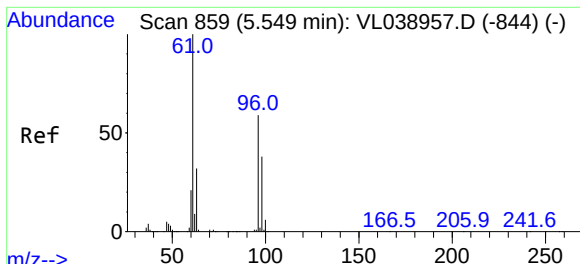
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#30
Cyclohexane
Concen: 11.413 ppbv
RT: 7.108 min Scan# 1344
Delta R.T. -0.019 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

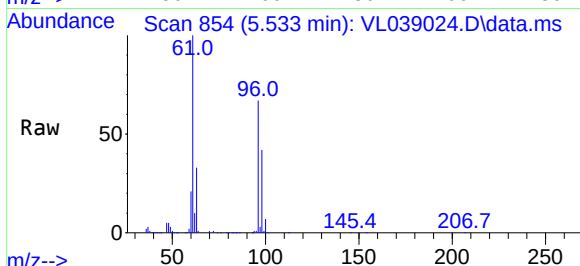
Tgt Ion: 84 Resp: 940887
Ion Ratio Lower Upper
84 100
56 137.4 115.3 172.9
41 83.2 72.0 108.0





#31
 cis-1,2-Dichloroethene
 Concen: 10.409 ppbv
 RT: 5.533 min Scan# 81
 Delta R.T. -0.016 min
 Lab File: VL039024.D
 Acq: 11 May 2022 17:07

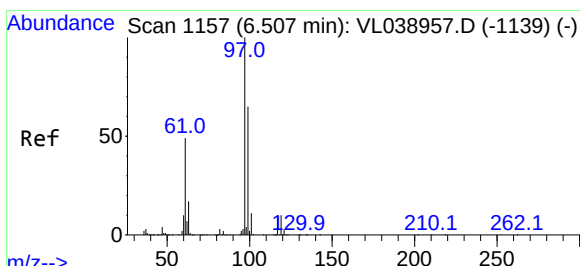
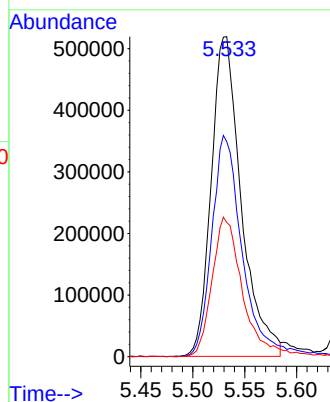
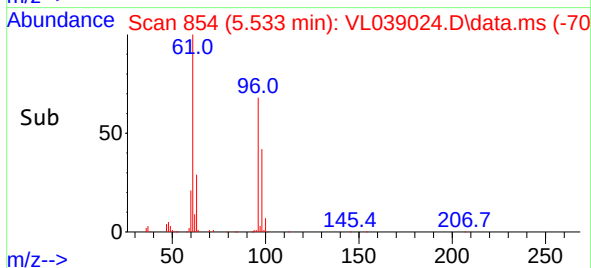
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0511ABS01



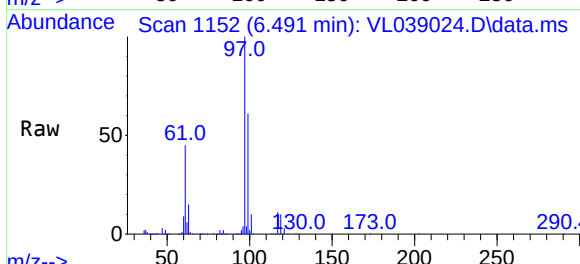
Tgt Ion: 61 Resp: 104418
 Ion Ratio Lower Upper
 61 100
 96 67.2 47.4 71.0
 98 41.9 30.6 45.8

Manual Integrations
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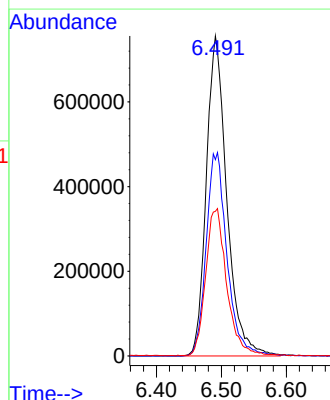
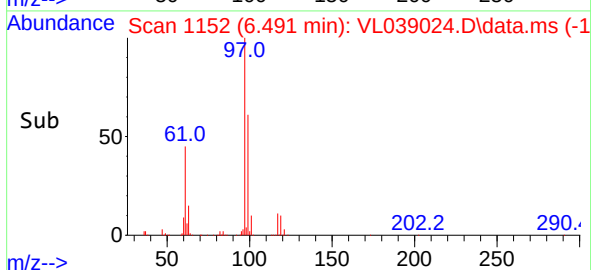
Reviewed By :Semsettin Yesilyurt 05/15/2022
 Supervised By :Mahesh Dadoda 05/16/2022

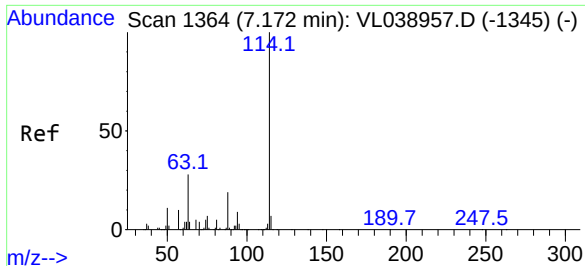


#32
 1,1,1-Trichloroethane
 Concen: 10.409 ppbv
 RT: 6.491 min Scan# 1152
 Delta R.T. -0.016 min
 Lab File: VL039024.D
 Acq: 11 May 2022 17:07



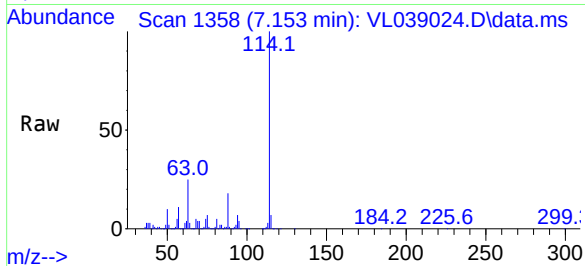
Tgt Ion: 97 Resp: 1658096
 Ion Ratio Lower Upper
 97 100
 99 64.9 51.9 77.9
 61 47.6 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.153 min Scan# 11
Delta R.T. -0.019 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

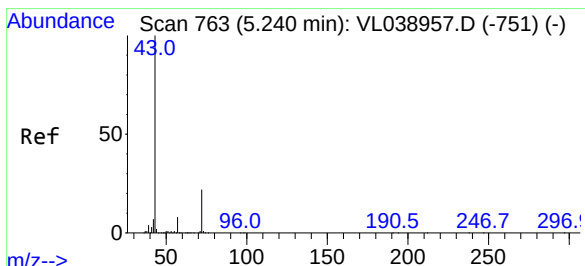
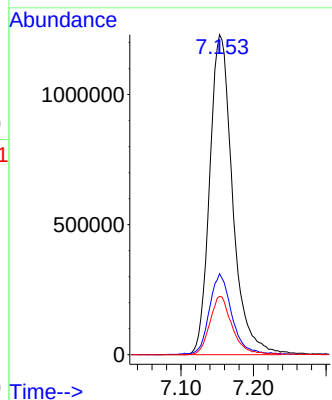
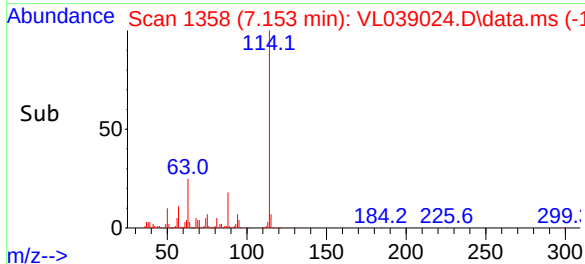
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



Tgt Ion:114 Resp: 269938
Ion Ratio Lower Upper
114 100
63 25.3 22.6 33.8
88 17.9 15.4 23.0

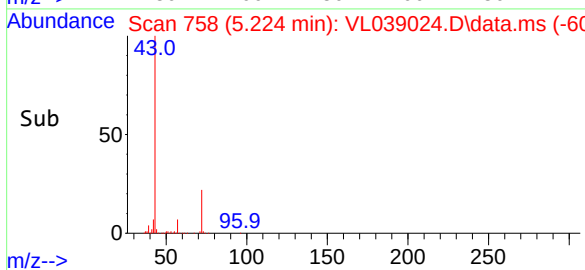
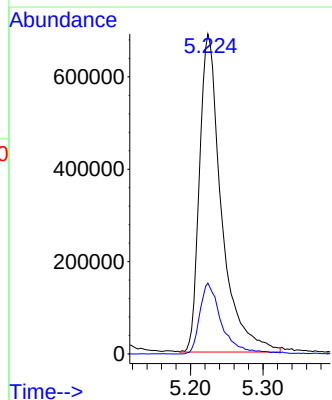
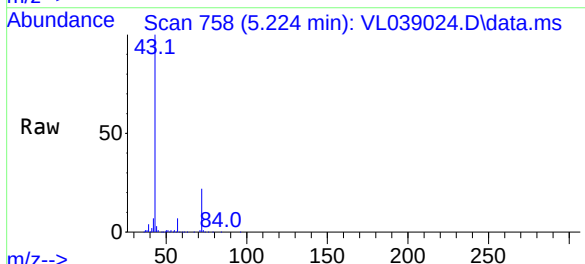
Manual Integrations
APPROVED

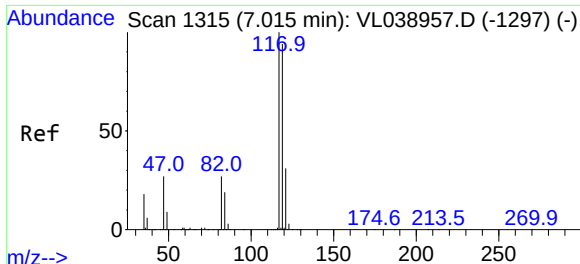
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#34
2-Butanone
Concen: 10.497 ppbv
RT: 5.224 min Scan# 758
Delta R.T. -0.016 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

Tgt Ion: 43 Resp: 1445641
Ion Ratio Lower Upper
43 100
72 22.7 17.8 26.6





#35
Carbon Tetrachloride
Concen: 9.385 ppbv
RT: 6.999 min Scan# 11
Delta R.T. -0.016 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

Instrument :

MSVOA_L

ClientSampleId :

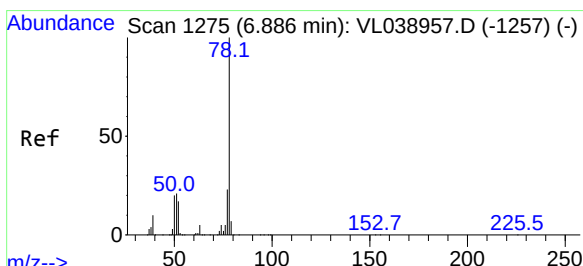
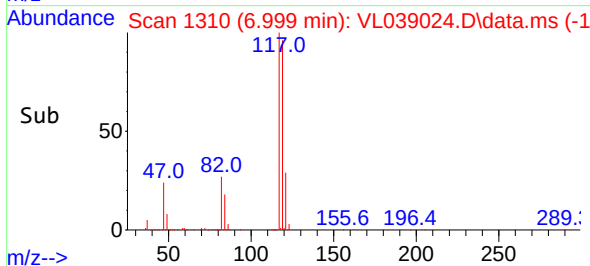
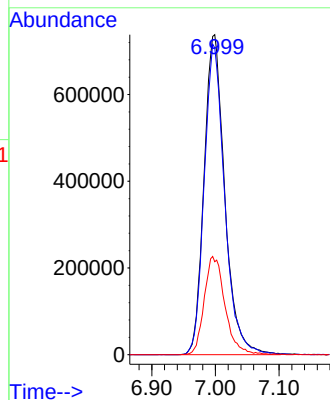
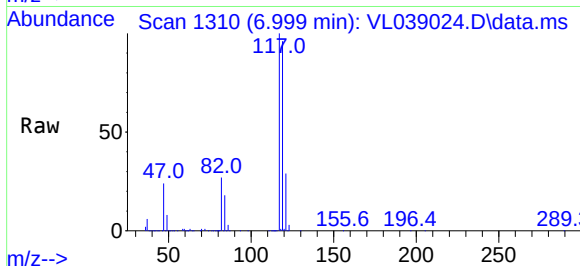
VL0511ABS01

Tgt Ion:117 Resp: 1669220
Ion Ratio Lower Upper
117 100
119 95.8 75.2 112.8
121 29.0 24.6 37.0

Manual Integrations

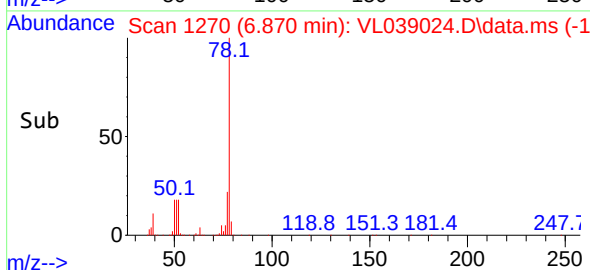
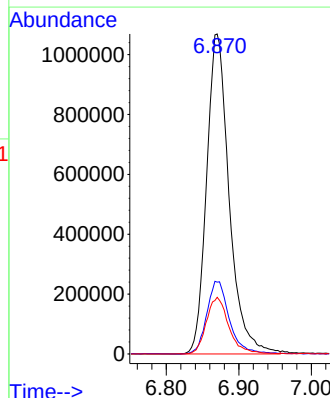
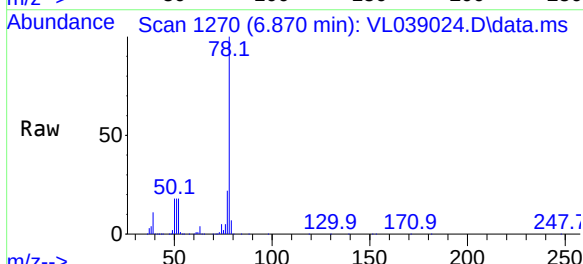
APPROVED

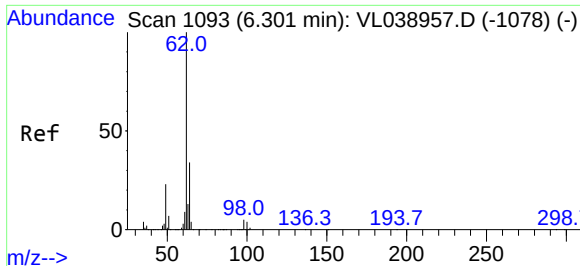
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#36
Benzene
Concen: 10.017 ppbv
RT: 6.870 min Scan# 1270
Delta R.T. -0.016 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

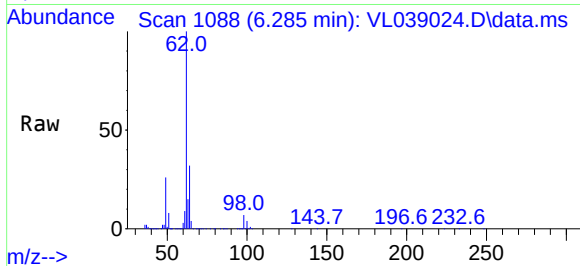
Tgt Ion: 78 Resp: 2314070
Ion Ratio Lower Upper
78 100
77 22.4 18.6 28.0
50 17.7 15.6 23.4





#37
1,2-Dichloroethane
Concen: 8.553 ppbv
RT: 6.285 min Scan# 1093
Delta R.T. -0.016 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

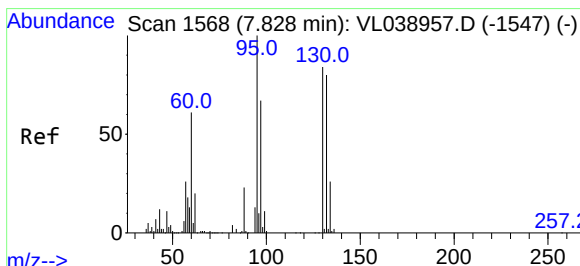
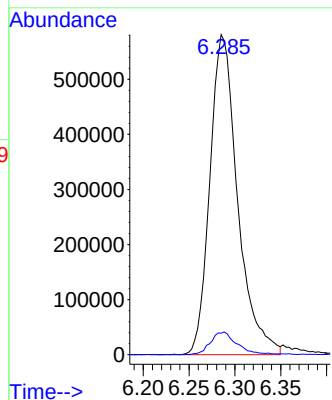
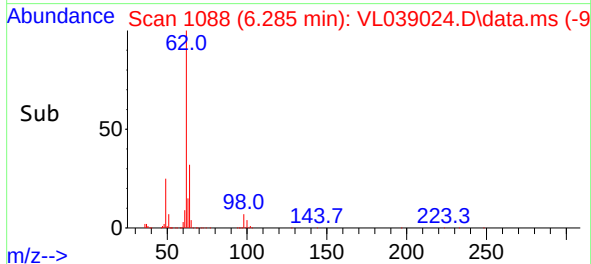
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



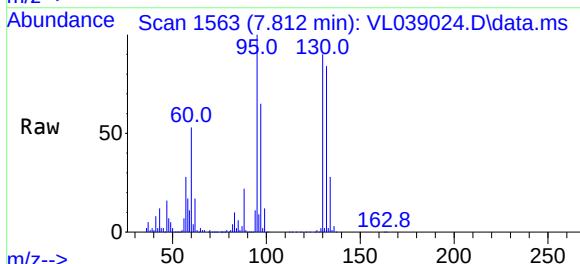
Tgt Ion: 62 Resp: 122250
Ion Ratio Lower Upper
62 100
98 7.0 4.5 6.7

Manual Integrations
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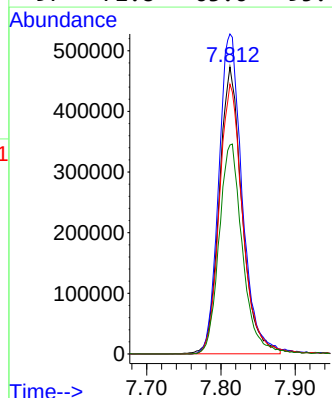
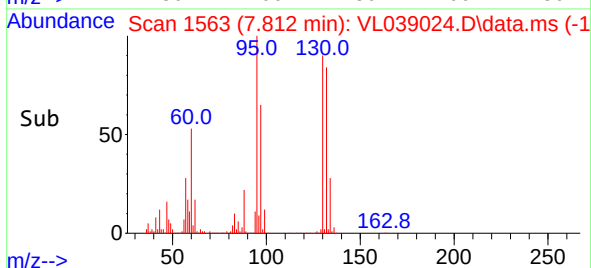
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

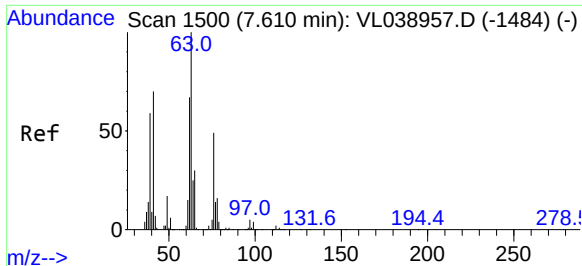


#38
Trichloroethene
Concen: 9.845 ppbv
RT: 7.812 min Scan# 1563
Delta R.T. -0.016 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07



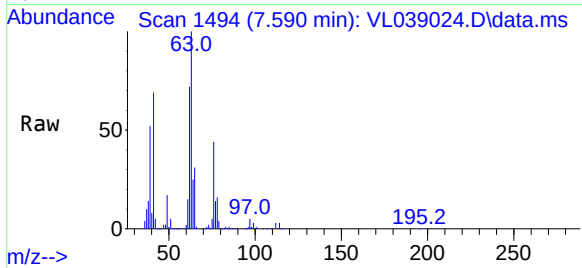
Tgt Ion:130 Resp: 1011039
Ion Ratio Lower Upper
130 100
95 111.5 94.8 142.2
132 94.0 75.8 113.8
97 72.8 63.6 95.4





#39
1,2-Dichloropropane
Concen: 9.834 ppbv
RT: 7.590 min Scan# 1494
Delta R.T. -0.019 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

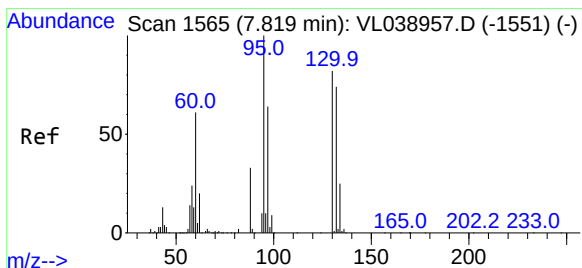
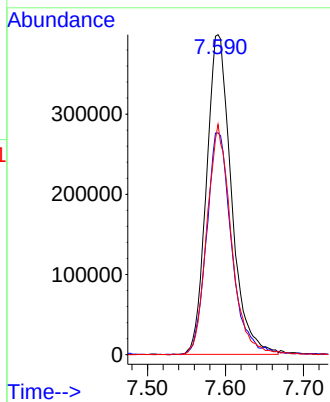
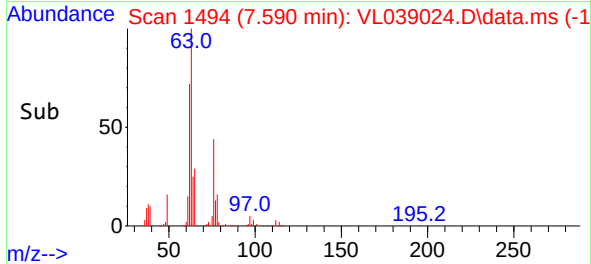
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



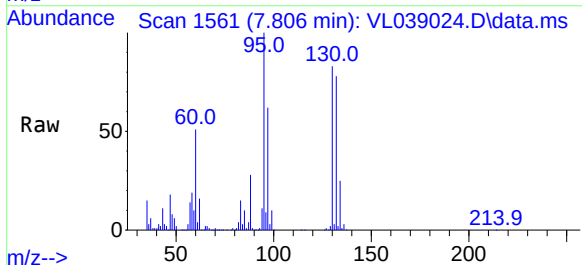
Tgt Ion: 63 Resp: 883890
Ion Ratio Lower Upper
63 100
41 69.3 55.9 83.9
62 71.9 53.8 80.6

Manual Integrations
APPROVED

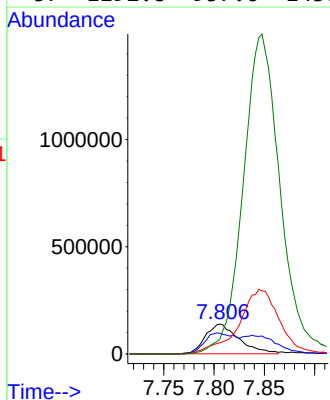
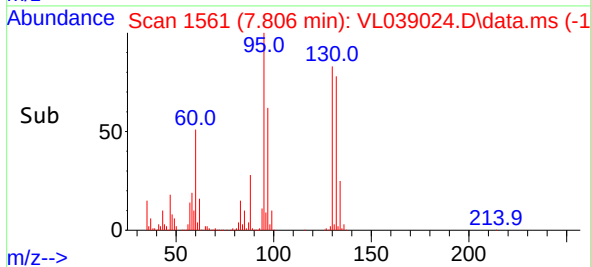
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

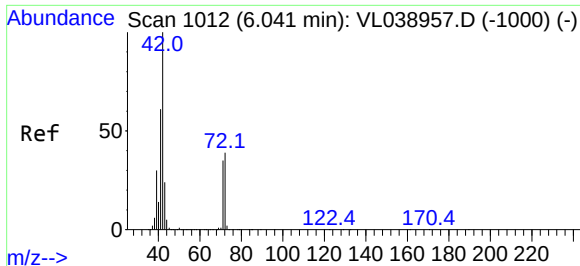


#40
1,4-Dioxane
Concen: 9.954 ppbv
RT: 7.806 min Scan# 1561
Delta R.T. -0.013 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07



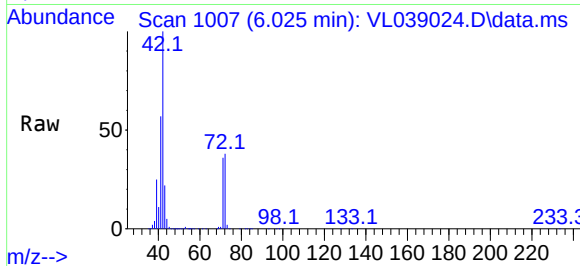
Tgt Ion: 88 Resp: 321354
Ion Ratio Lower Upper
88 100
58 131.0 106.1 159.1
43 265.8 222.9 334.3
57 1192.8 957.6 1436.4





#41
Tetrahydrofuran
Concen: 10.178 ppbv
RT: 6.025 min Scan# 1012
Delta R.T. -0.016 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

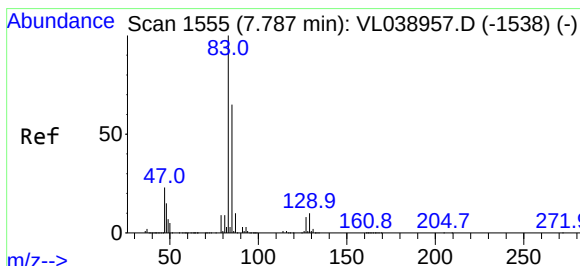
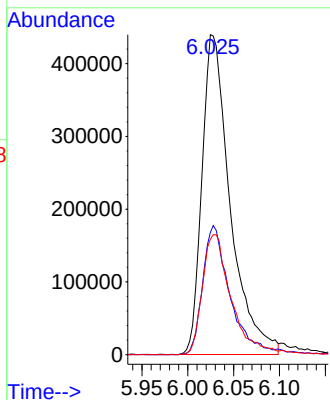
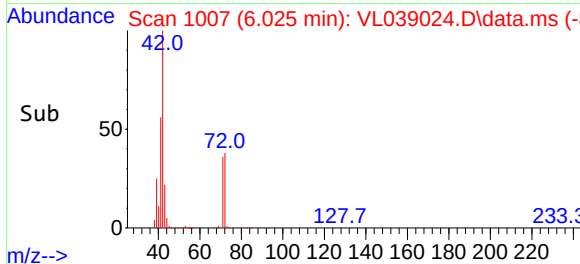
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



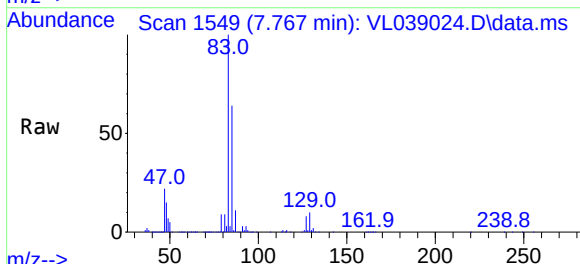
Tgt Ion: 42 Resp: 942069
Ion Ratio Lower Upper
42 100
72 40.2 31.8 47.6
71 39.0 30.6 45.8

Manual Integrations
APPROVED

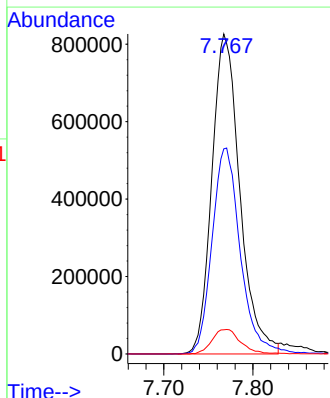
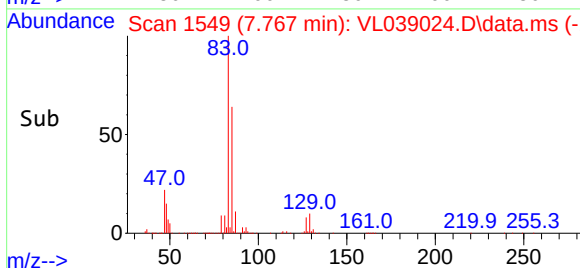
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

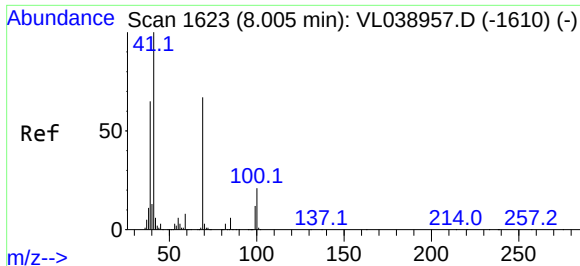


#42
Bromodichloromethane
Concen: 9.214 ppbv
RT: 7.767 min Scan# 1549
Delta R.T. -0.019 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07



Tgt Ion: 83 Resp: 1800431
Ion Ratio Lower Upper
83 100
85 64.1 52.0 78.0
127 7.5 6.0 9.0





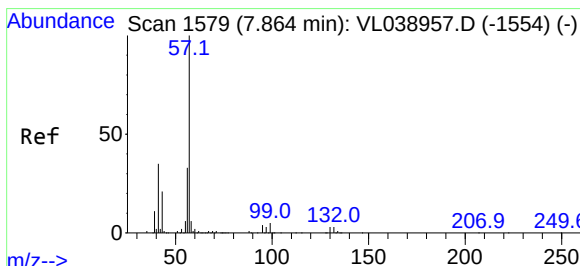
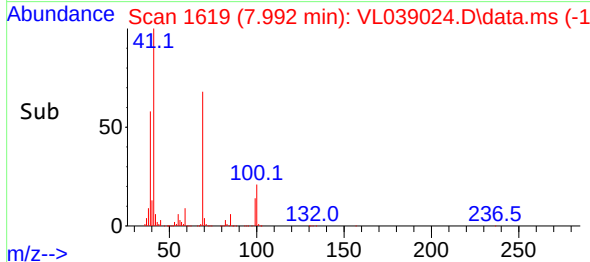
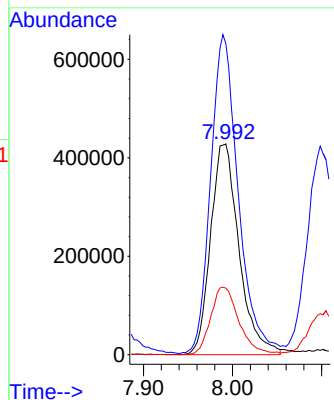
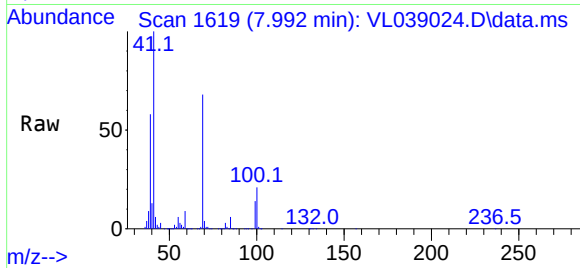
#43
Methyl Methacrylate
Concen: 10.117 ppbv
RT: 7.992 min Scan# 1623
Delta R.T. -0.013 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

Tgt Ion: 69 Resp: 948762
Ion Ratio Lower Upper
69 100
41 146.6 121.9 182.9
100 31.9 24.6 36.8

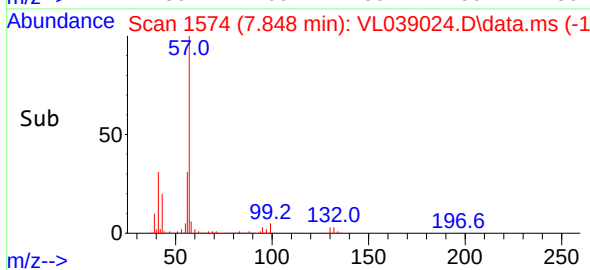
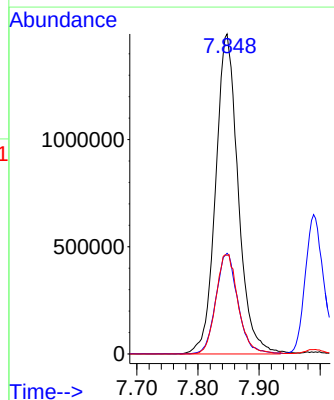
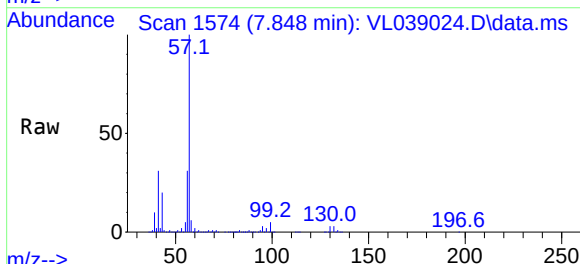
Manual Integrations
APPROVED

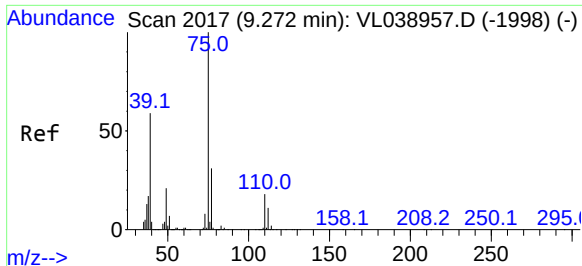
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#44
2,2,4-Trimethylpentane
Concen: 9.423 ppbv
RT: 7.848 min Scan# 1574
Delta R.T. -0.016 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

Tgt Ion: 57 Resp: 3819671
Ion Ratio Lower Upper
57 100
41 30.7 26.3 39.5
56 31.0 24.6 37.0





#45
t-1,3-Dichloropropene
Concen: 11.292 ppbv
RT: 9.253 min Scan# 2011
Delta R.T. -0.019 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

Instrument :

MSVOA_L

ClientSampleId :

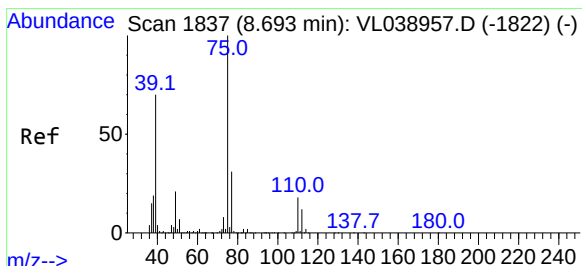
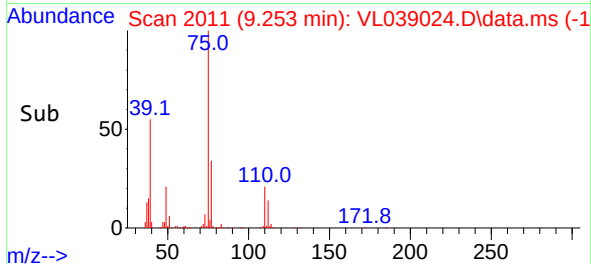
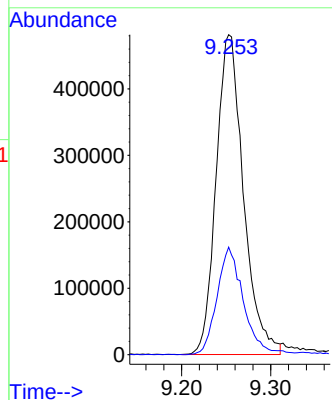
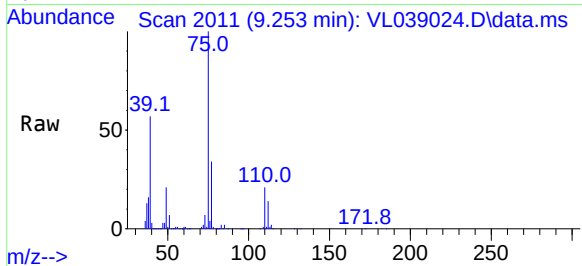
VL0511ABS01

Tgt Ion: 75 Resp: 102513
Ion Ratio Lower Upper
75 100
77 33.6 24.6 37.0

Manual Integrations

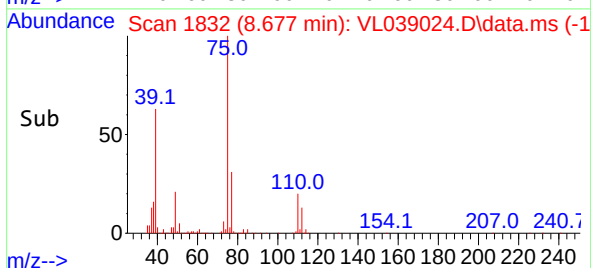
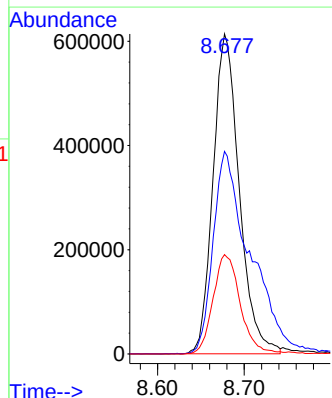
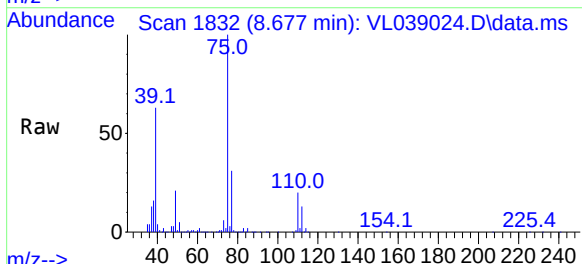
APPROVED

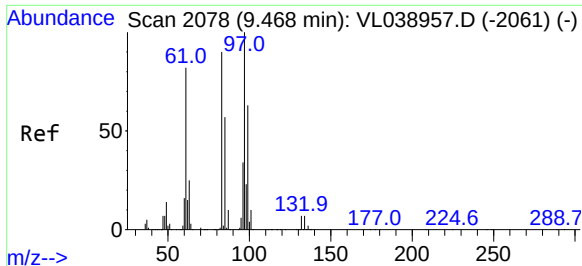
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#46
cis-1,3-Dichloropropene
Concen: 10.719 ppbv
RT: 8.677 min Scan# 1832
Delta R.T. -0.016 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

Tgt Ion: 75 Resp: 1290419
Ion Ratio Lower Upper
75 100
39 63.3 55.8 83.6
77 31.1 24.8 37.2





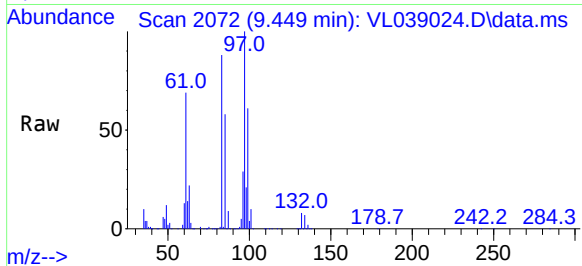
#47
1,1,2-Trichloroethane
Concen: 10.039 ppbv
RT: 9.449 min Scan# 2078
Delta R.T. -0.019 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

Instrument :

MSVOA_L

ClientSampleId :

VL0511ABS01

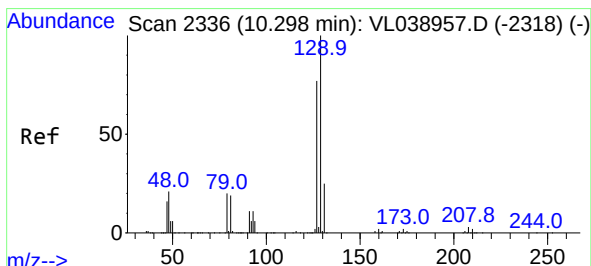
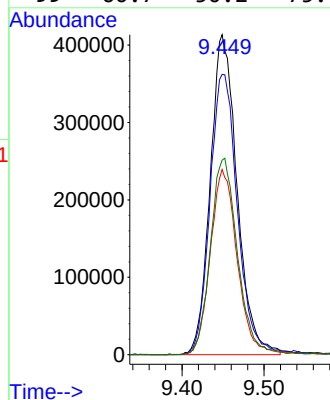
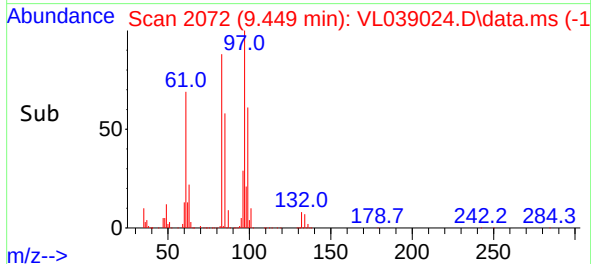


Tgt Ion: 97 Resp: 938502
Ion Ratio Lower Upper
97 100
83 87.5 72.0 108.0
85 57.8 45.7 68.5
99 60.7 50.2 75.4

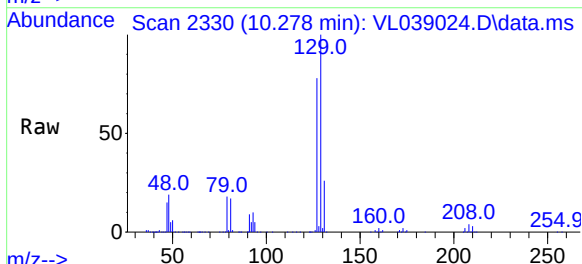
Manual Integrations

APPROVED

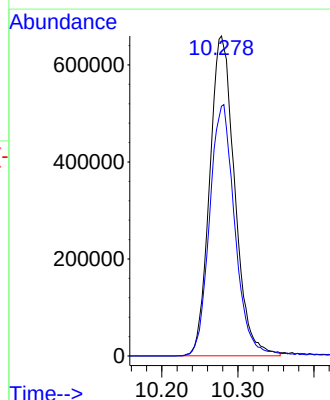
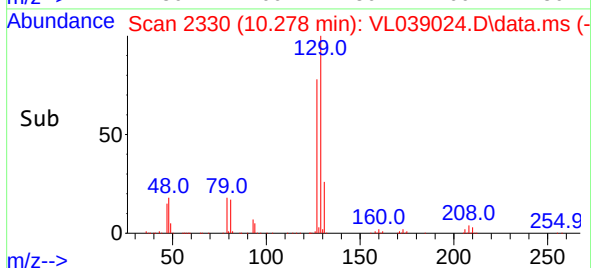
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

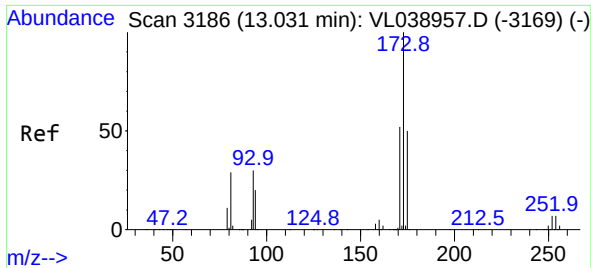


#48
Dibromochloromethane
Concen: 9.901 ppbv
RT: 10.278 min Scan# 2330
Delta R.T. -0.019 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07



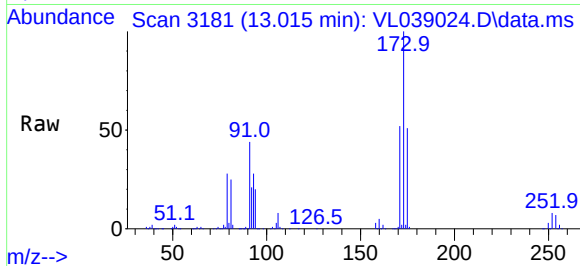
Tgt Ion:129 Resp: 1506464
Ion Ratio Lower Upper
129 100
127 79.9 39.3 117.9





#49
Bromoform
Concen: 10.340 ppbv
RT: 13.015 min Scan# 3186
Delta R.T. -0.016 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

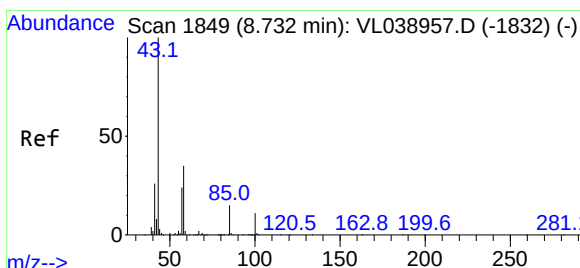
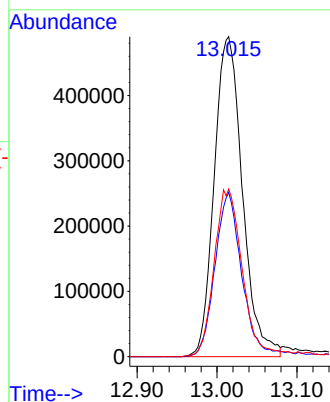
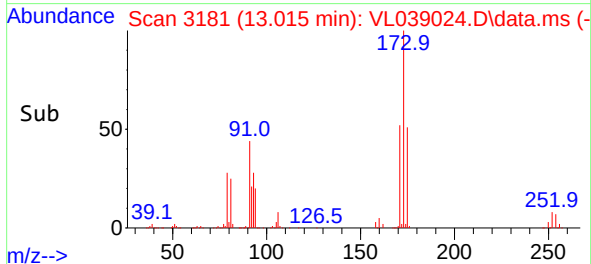
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



Tgt Ion:173 Resp: 1199938
Ion Ratio Lower Upper
173 100
175 50.9 41.0 61.6
171 53.7 42.6 64.0

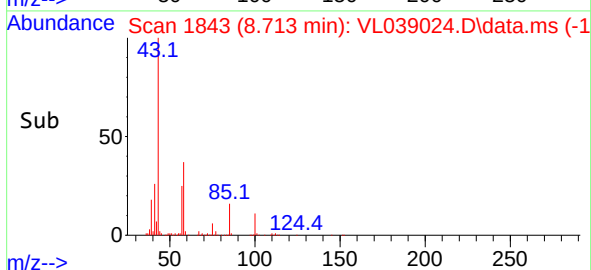
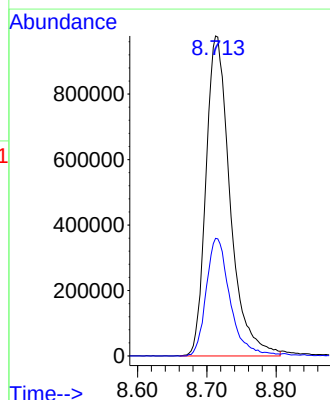
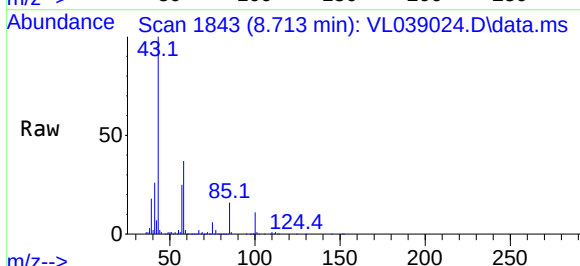
Manual Integrations
APPROVED

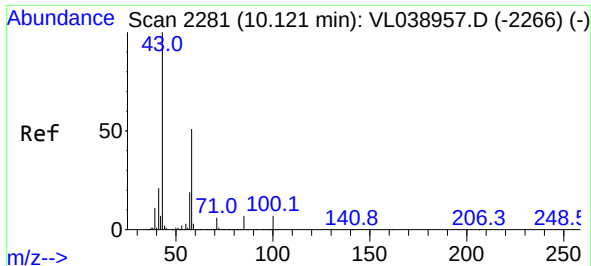
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#50
4-Methyl-2-Pentanone
Concen: 9.812 ppbv
RT: 8.713 min Scan# 1843
Delta R.T. -0.019 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

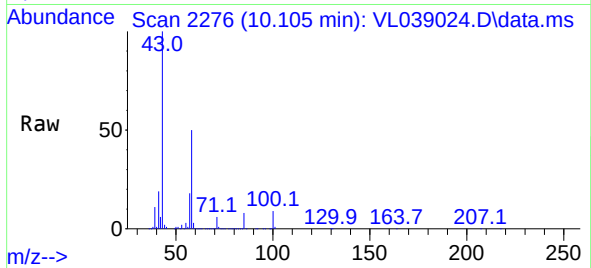
Tgt Ion: 43 Resp: 2369596
Ion Ratio Lower Upper
43 100
58 36.8 28.4 42.6





#51
2-Hexanone
Concen: 11.069 ppbv
RT: 10.105 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

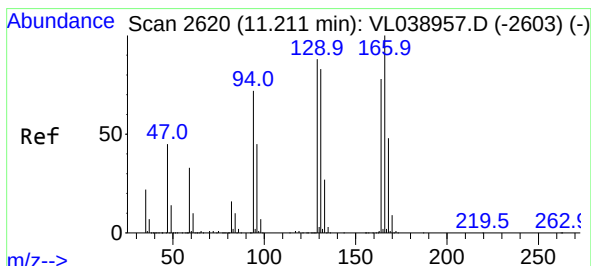
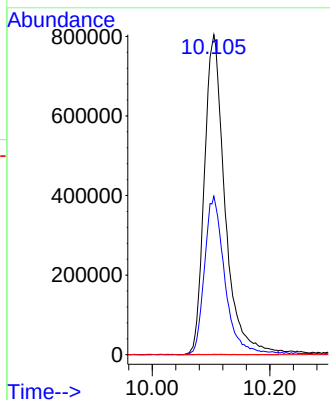
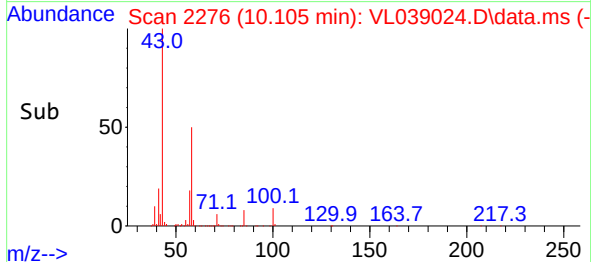
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



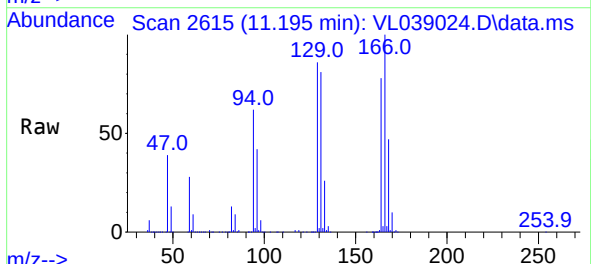
Tgt Ion: 43 Resp: 195086
Ion Ratio Lower Upper
43 100
58 49.4 39.3 58.9
98 0.1 0.2 0.2

Manual Integrations
APPROVED

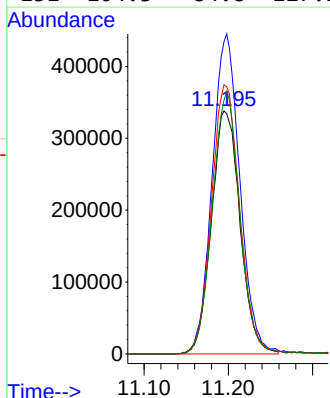
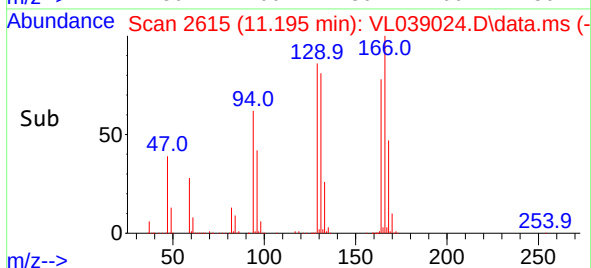
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

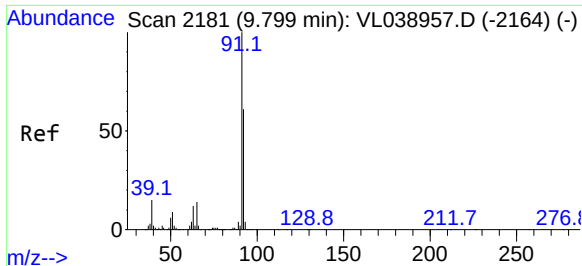


#52
Tetrachloroethene
Concen: 9.654 ppbv
RT: 11.195 min Scan# 2615
Delta R.T. -0.016 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07



Tgt Ion:164 Resp: 796989
Ion Ratio Lower Upper
164 100
166 128.3 102.5 153.7
129 110.7 90.1 135.1
131 104.3 84.8 127.2





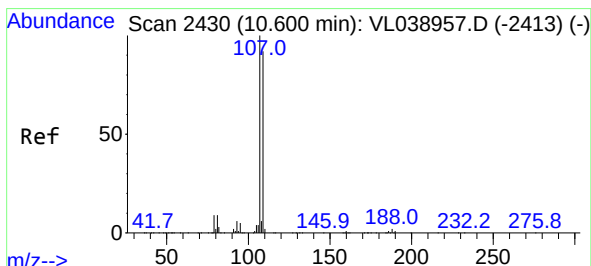
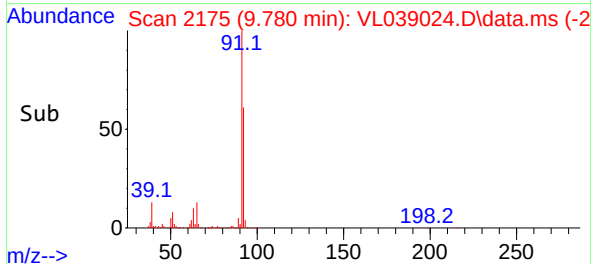
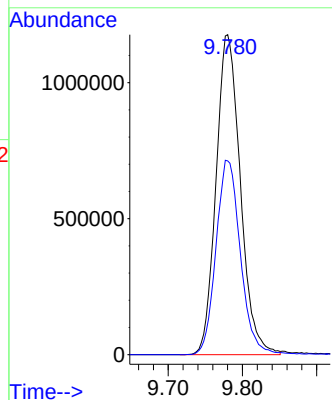
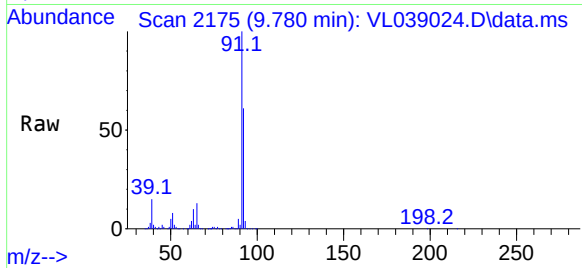
#53
Toluene
Concen: 10.344 ppbv
RT: 9.780 min Scan# 2181
Delta R.T. -0.019 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

Tgt Ion: 91 Resp: 267821
Ion Ratio Lower Upper
91 100
92 61.5 48.2 72.2

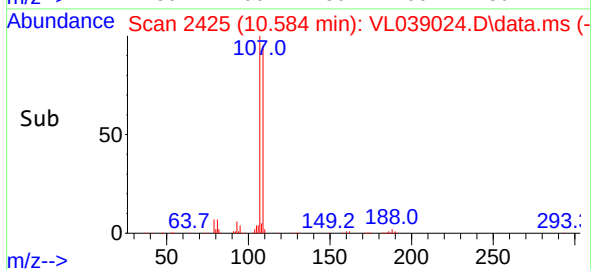
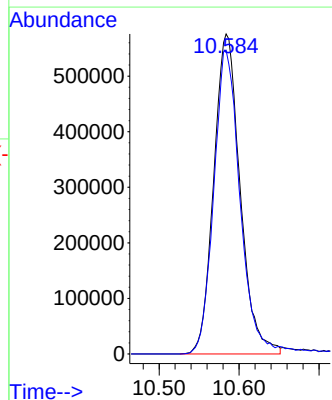
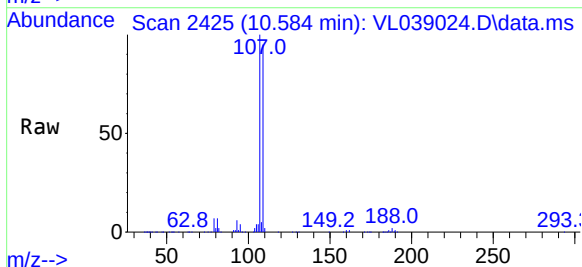
Manual Integrations
APPROVED

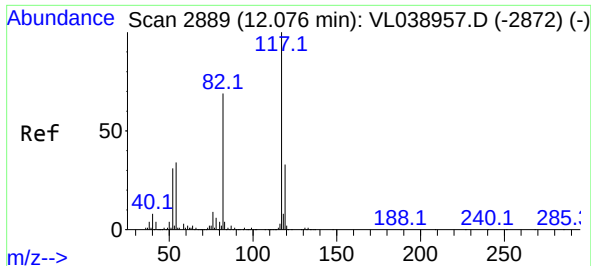
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#54
1,2-Dibromoethane
Concen: 10.364 ppbv
RT: 10.584 min Scan# 2425
Delta R.T. -0.016 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

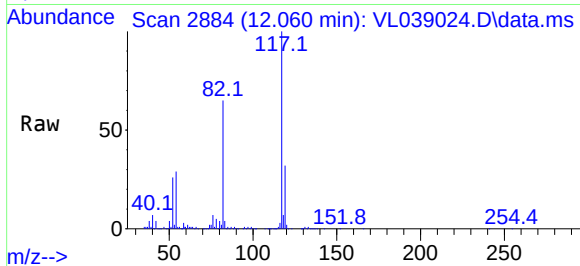
Tgt Ion:107 Resp: 1319045
Ion Ratio Lower Upper
107 100
109 94.9 73.8 110.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.060 min Scan# 2889
Delta R.T. -0.016 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

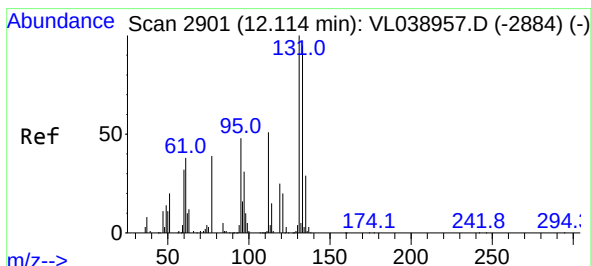
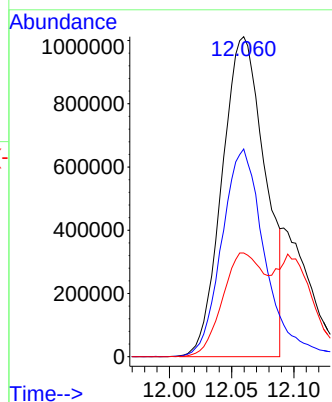
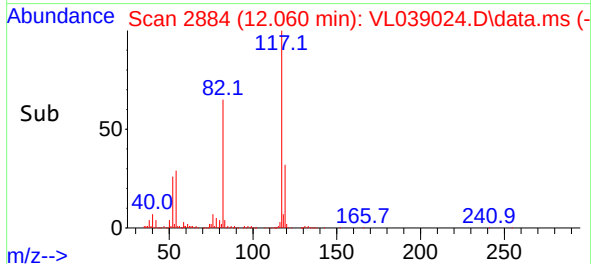
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



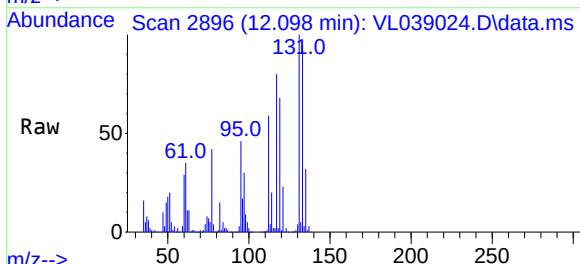
Tgt Ion:117 Resp: 243710
Ion Ratio Lower Upper
117 100
82 66.9 57.0 85.6
119 28.7 27.2 40.8

Manual Integrations
APPROVED

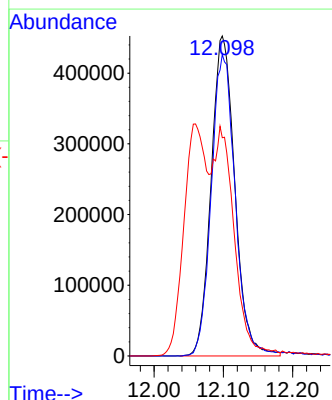
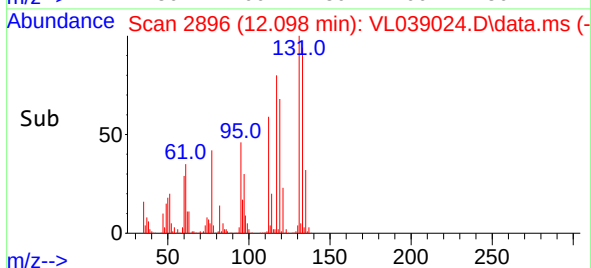
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

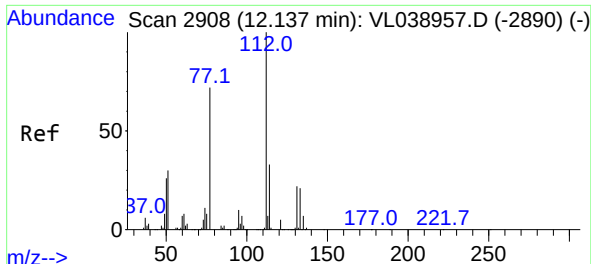


#56
1,1,1,2-Tetrachloroethane
Concen: 10.061 ppbv
RT: 12.098 min Scan# 2896
Delta R.T. -0.016 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07



Tgt Ion:131 Resp: 1075830
Ion Ratio Lower Upper
131 100
133 95.9 76.9 115.3
119 64.3 47.4 71.0





#57

Chlorobenzene

Concen: 10.267 ppbv

RT: 12.121 min Scan# 2903

Delta R.T. -0.016 min

Lab File: VL039024.D

Acq: 11 May 2022 17:07

Instrument :

MSVOA_L

ClientSampleId :

VL0511ABS01

Tgt Ion:112 Resp: 1875670

Ion Ratio Lower Upper

112 100

77 64.1 57.7 86.5

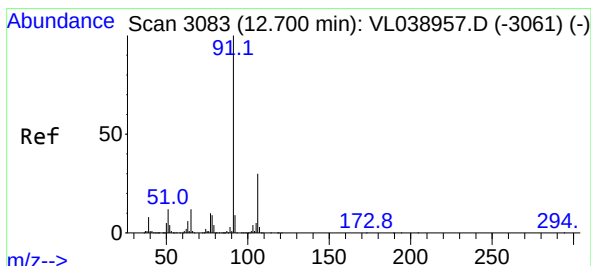
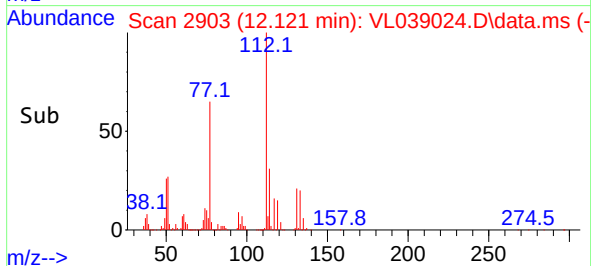
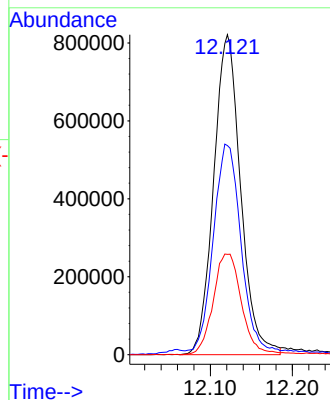
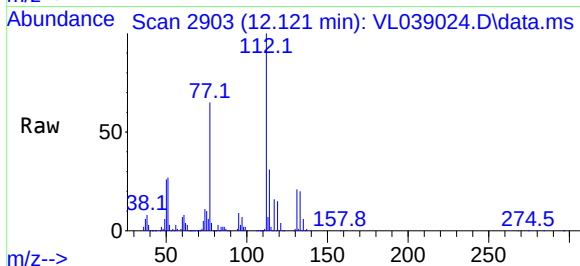
114 31.4 30.1 36.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2022

Supervised By :Mahesh Dadoda 05/16/2022



#58

Ethyl Benzene

Concen: 10.189 ppbv

RT: 12.683 min Scan# 3078

Delta R.T. -0.016 min

Lab File: VL039024.D

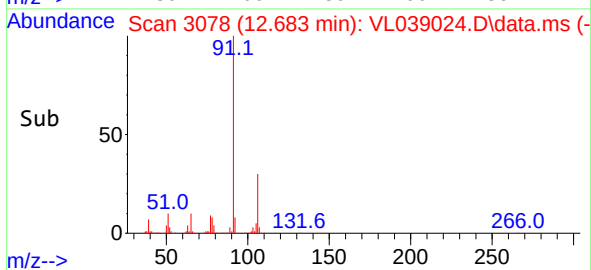
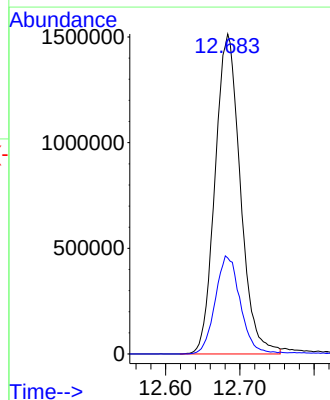
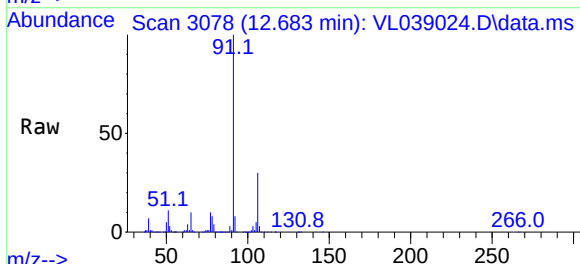
Acq: 11 May 2022 17:07

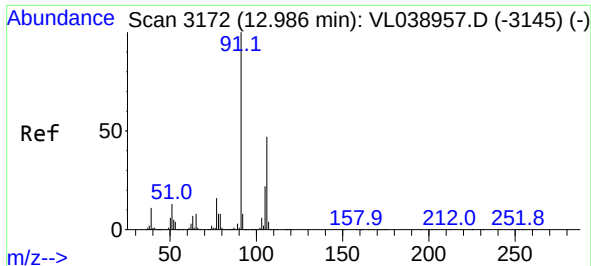
Tgt Ion: 91 Resp: 3573711

Ion Ratio Lower Upper

91 100

106 30.0 24.2 36.4





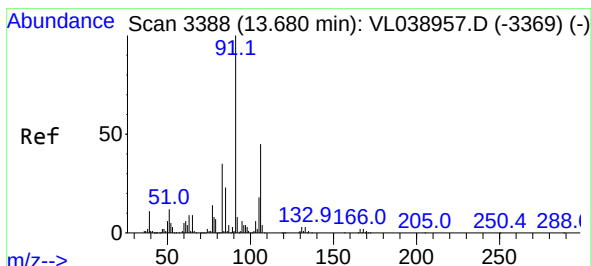
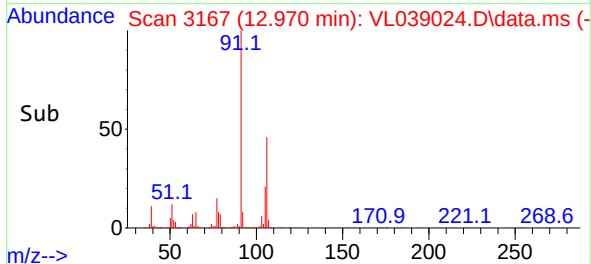
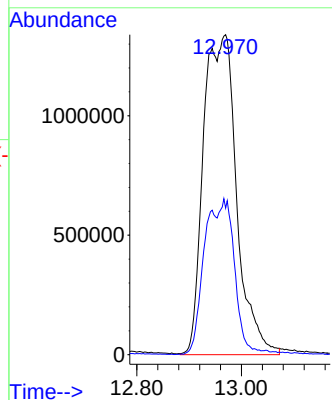
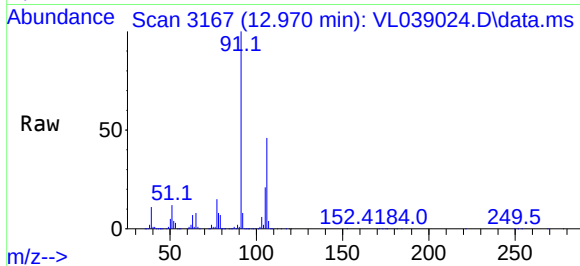
#59
m/p-Xylene
Concen: 19.711 ppbv m
RT: 12.970 min Scan# 3172
Delta R.T. -0.016 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

Tgt Ion: 91 Resp: 5901850
Ion Ratio Lower Upper
91 100
106 44.8 34.6 52.0

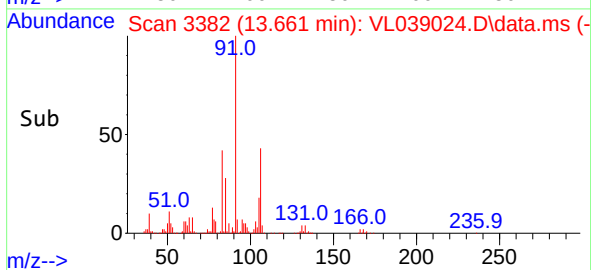
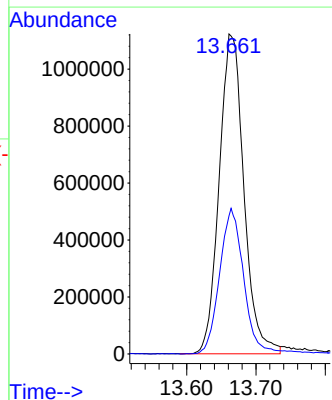
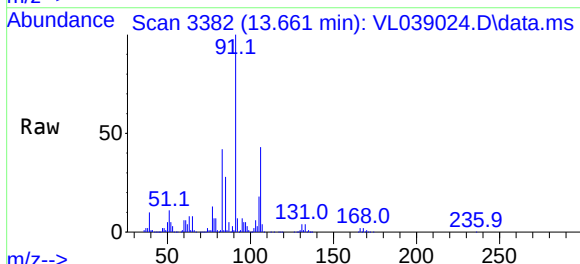
Manual Integrations
APPROVED

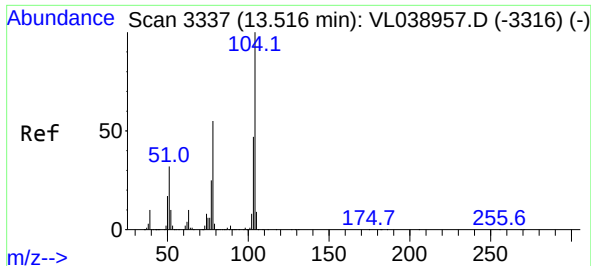
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#60
o-Xylene
Concen: 9.863 ppbv
RT: 13.661 min Scan# 3382
Delta R.T. -0.019 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

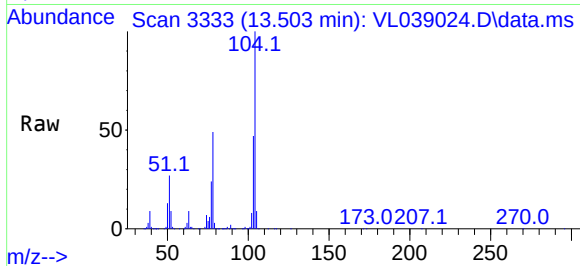
Tgt Ion: 91 Resp: 2779515
Ion Ratio Lower Upper
91 100
106 45.3 22.2 66.6





#61
Styrene
Concen: 11.680 ppbv
RT: 13.503 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

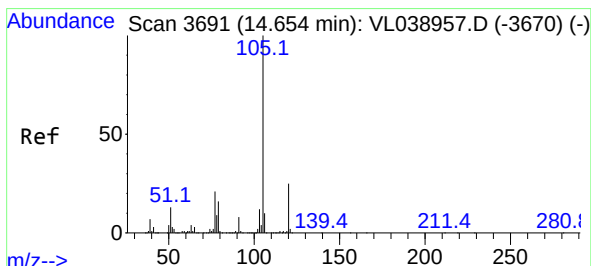
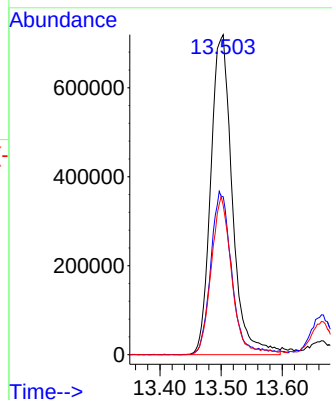
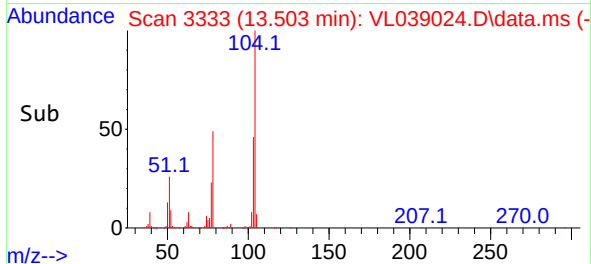
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



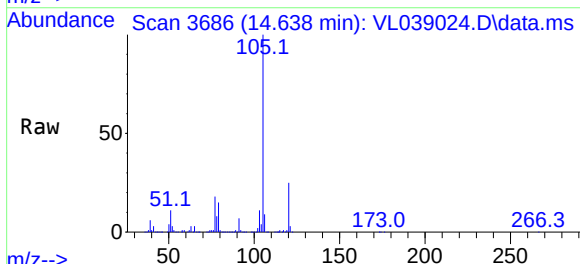
Tgt Ion:104 Resp: 1757160
Ion Ratio Lower Upper
104 100
78 50.4 46.4 69.6
103 47.3 39.3 58.9

Manual Integrations
APPROVED

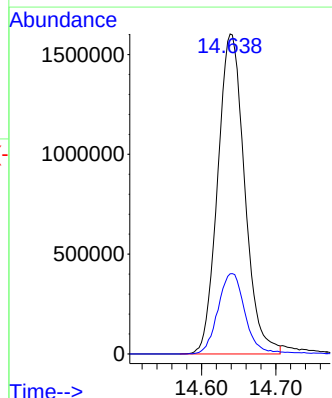
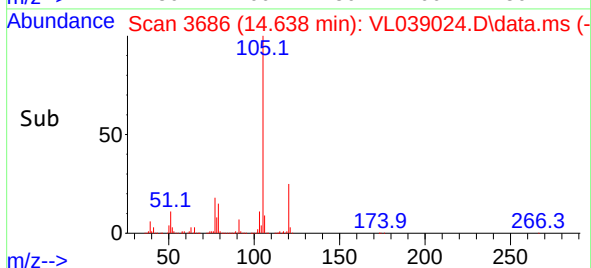
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

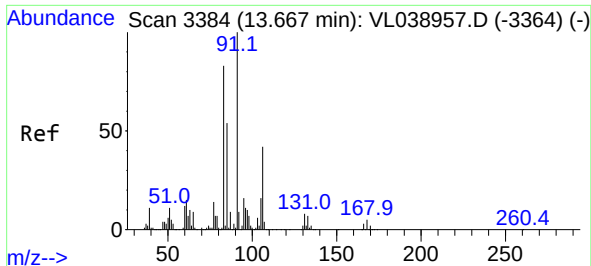


#62
Isopropylbenzene
Concen: 9.806 ppbv
RT: 14.638 min Scan# 3686
Delta R.T. -0.016 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07



Tgt Ion:105 Resp: 4041310
Ion Ratio Lower Upper
105 100
120 25.7 20.5 30.7





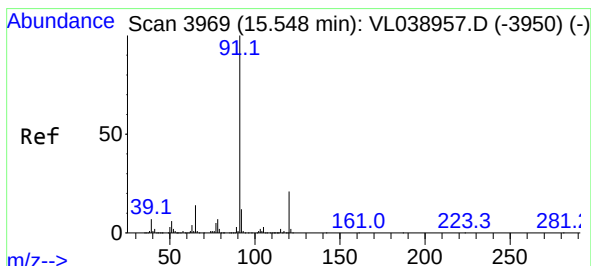
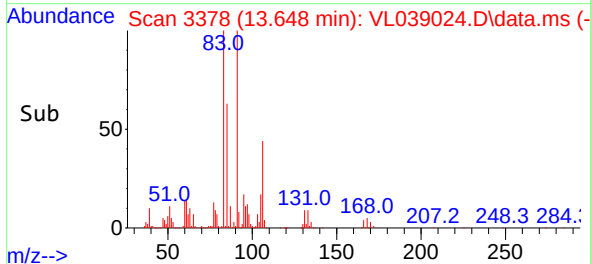
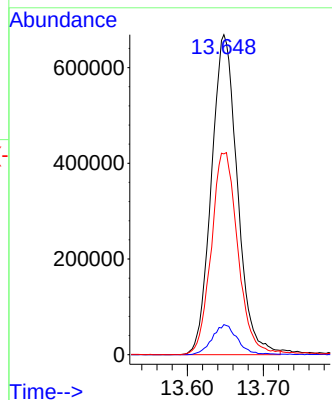
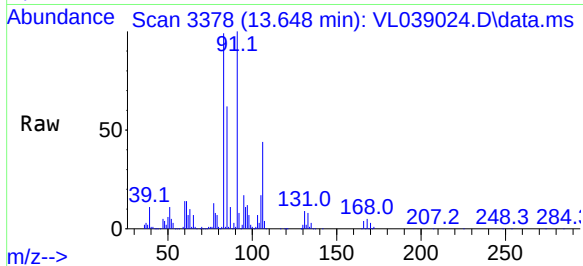
#63
1,1,2,2-Tetrachloroethane
Concen: 9.560 ppbv
RT: 13.648 min Scan# 31
Delta R.T. -0.019 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

Tgt Ion: 83 Resp: 158633
Ion Ratio Lower Upper
83 100
131 9.3 4.5 13.7
85 65.4 32.8 98.3

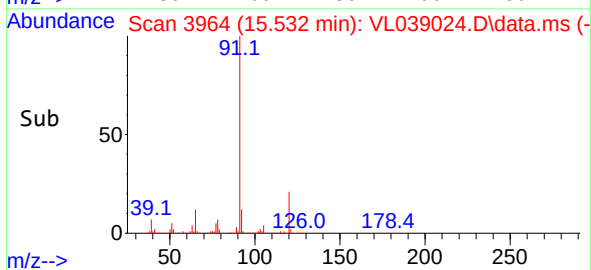
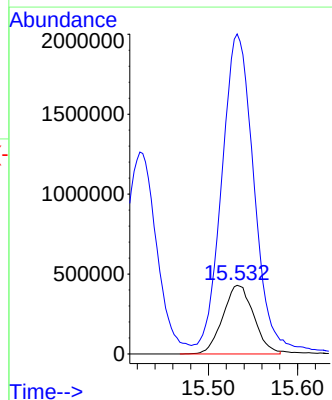
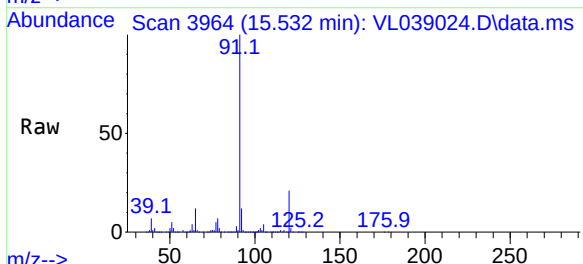
Manual Integrations
APPROVED

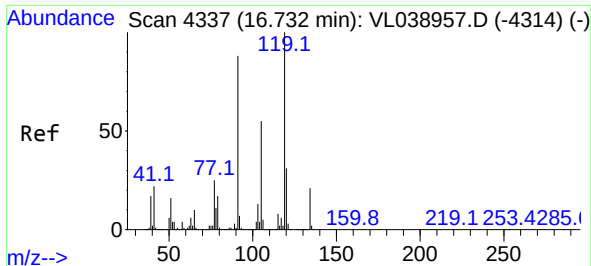
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#64
n-propylbenzene
Concen: 10.365 ppbv
RT: 15.532 min Scan# 3964
Delta R.T. -0.016 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

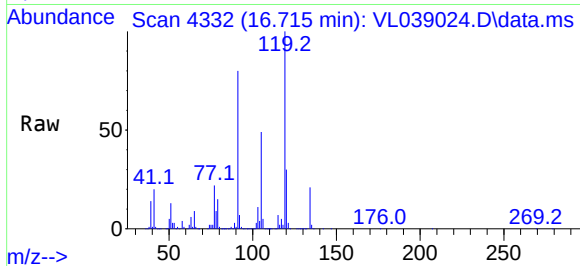
Tgt Ion:120 Resp: 1032707
Ion Ratio Lower Upper
120 100
91 495.0 400.6 601.0





#65
tert-Butylbenzene
Concen: 9.630 ppbv
RT: 16.715 min Scan# 411
Delta R.T. -0.016 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

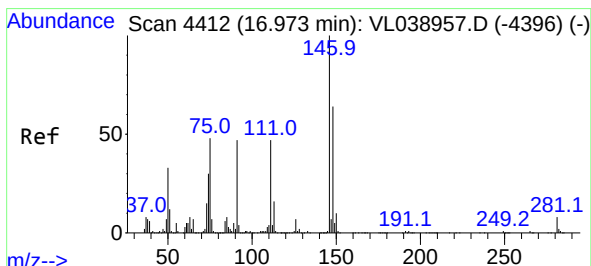
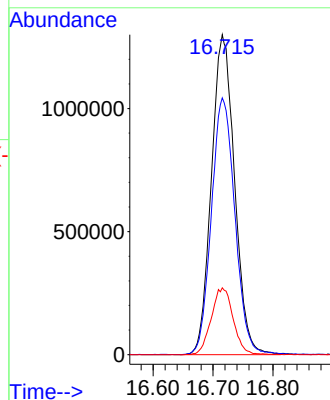
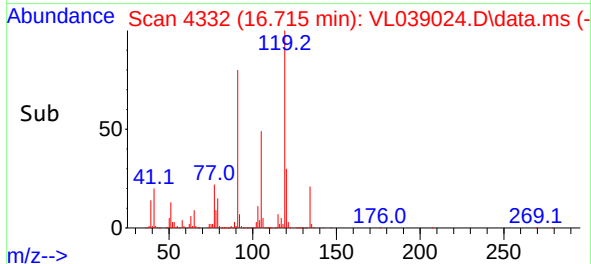
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



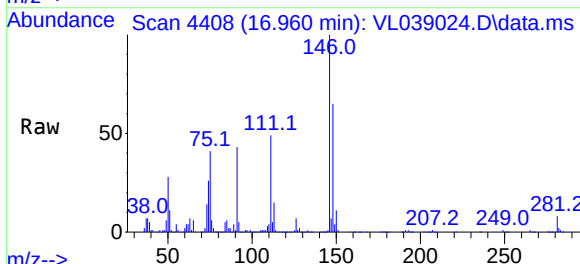
Tgt Ion: 119 Resp: 3477314
Ion Ratio Lower Upper
119 100
91 81.7 69.4 104.2
134 19.9 15.8 23.8

Manual Integrations
APPROVED

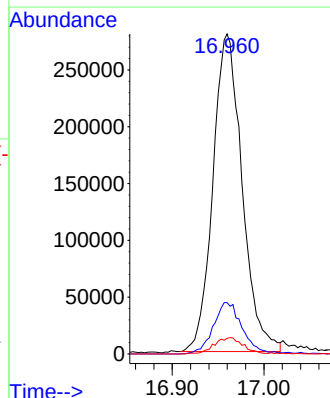
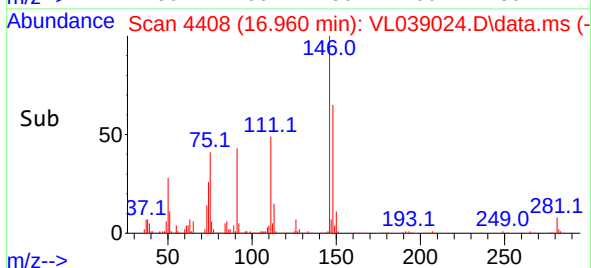
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

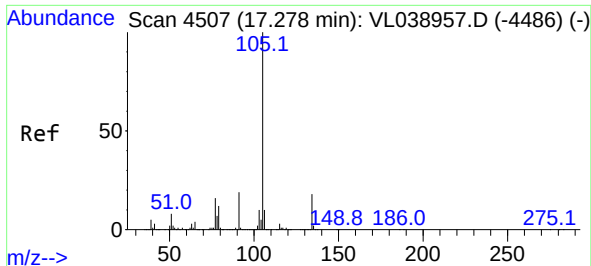


#66
Benzyl Chloride
Concen: 13.100 ppbv
RT: 16.960 min Scan# 4408
Delta R.T. -0.013 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07



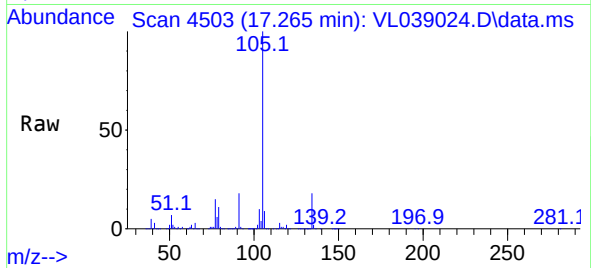
Tgt Ion: 91 Resp: 618290
Ion Ratio Lower Upper
91 100
126 16.4 11.8 17.6
128 5.3 4.2 6.2





#67
 sec-Butylbenzene
 Concen: 9.826 ppbv
 RT: 17.265 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL039024.D
 Acq: 11 May 2022 17:07

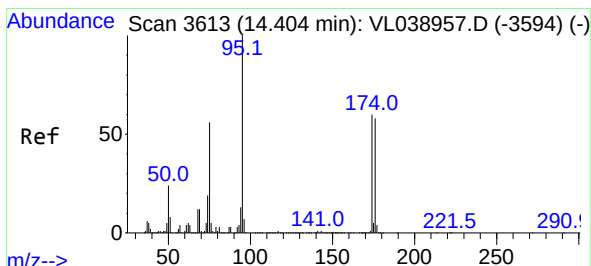
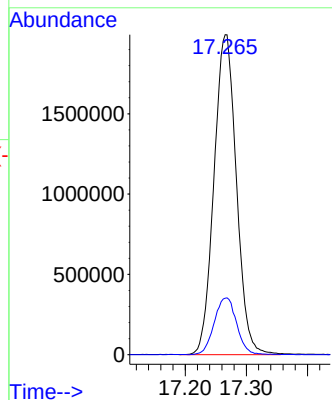
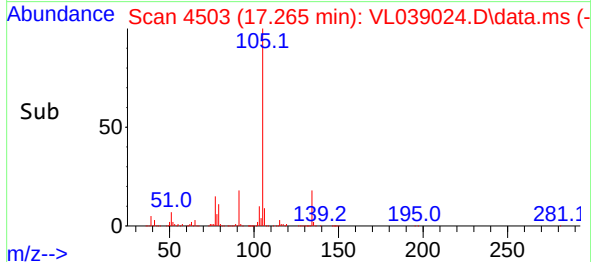
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0511ABS01



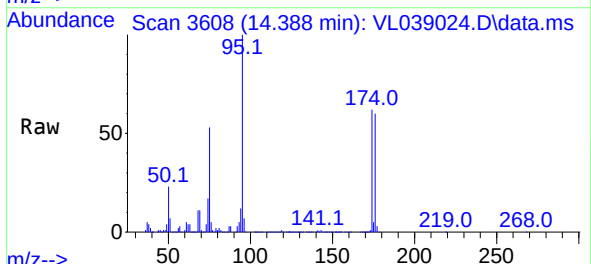
Tgt Ion:105 Resp: 5068798
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.2 21.4

Manual Integrations
 APPROVED

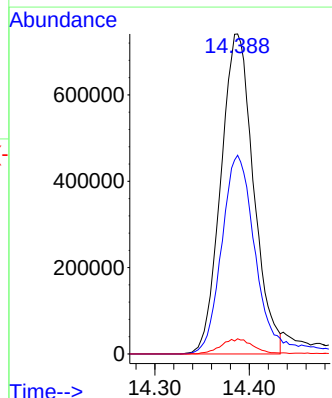
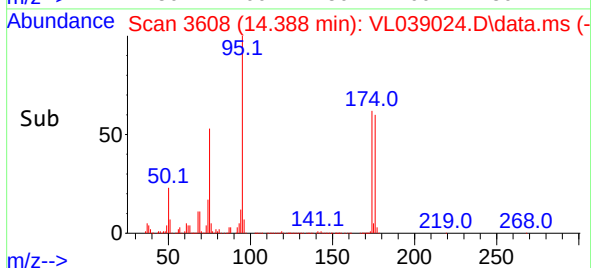
Reviewed By :Semsettin Yesilyurt 05/15/2022
 Supervised By :Mahesh Dadoda 05/16/2022

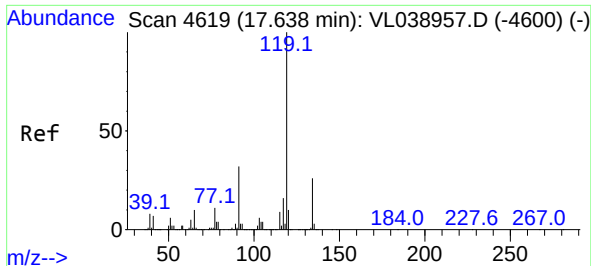


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.221 ppbv
 RT: 14.388 min Scan# 3608
 Delta R.T. -0.016 min
 Lab File: VL039024.D
 Acq: 11 May 2022 17:07



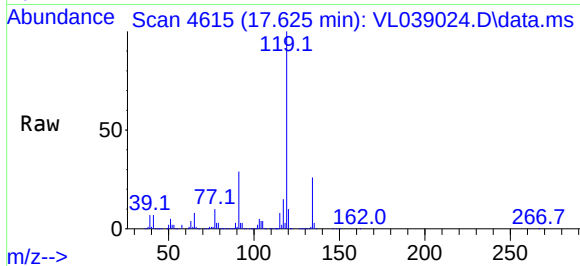
Tgt Ion: 95 Resp: 1779645
 Ion Ratio Lower Upper
 95 100
 174 66.7 50.8 76.2
 175 5.0 3.8 5.6





#69
p-Isopropyltoluene
Concen: 9.915 ppbv
RT: 17.625 min Scan# 413204
Delta R.T. -0.013 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

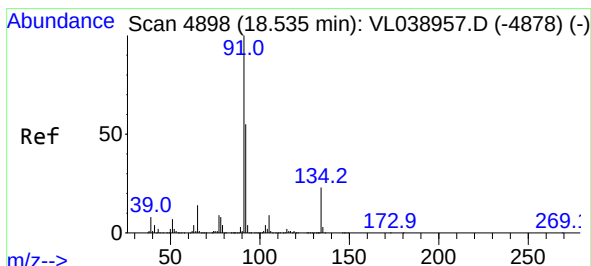
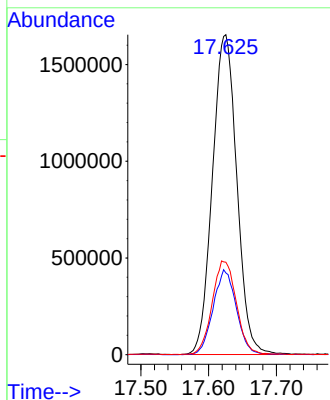
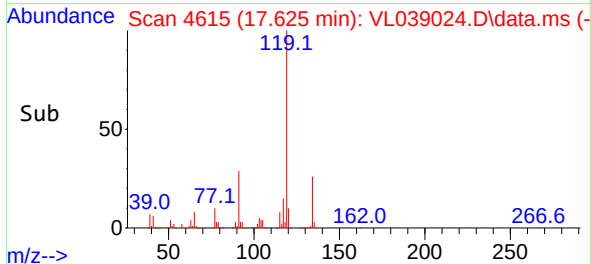
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



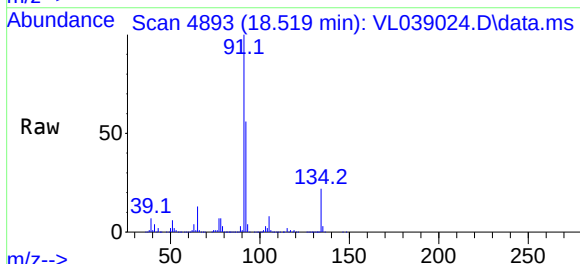
Tgt Ion:119 Resp: 413204
Ion Ratio Lower Upper
119 100
134 25.4 20.0 30.0
91 29.0 24.8 37.2

Manual Integrations
APPROVED

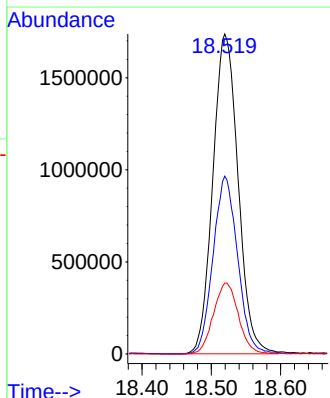
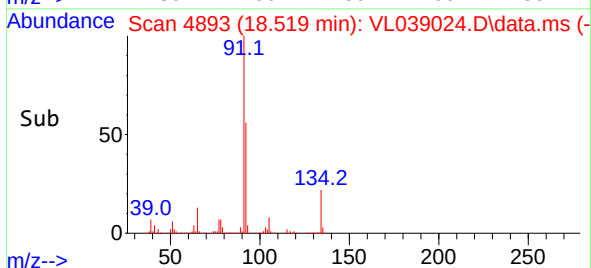
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

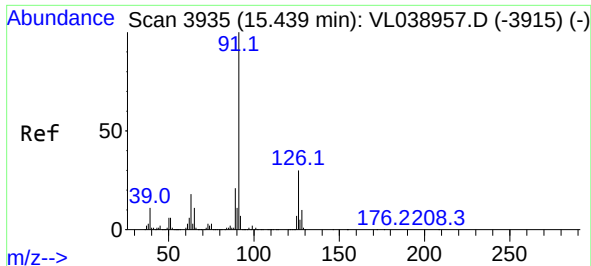


#70
n-Butylbenzene
Concen: 9.923 ppbv
RT: 18.519 min Scan# 4893
Delta R.T. -0.016 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07



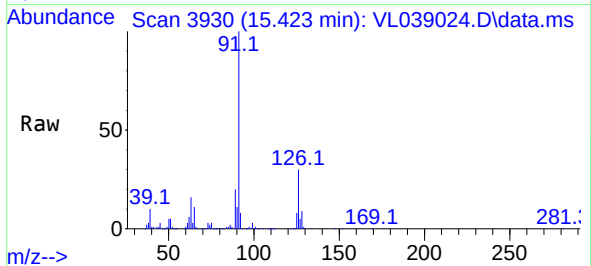
Tgt Ion: 91 Resp: 4393427
Ion Ratio Lower Upper
91 100
92 54.3 43.1 64.7
134 22.1 17.0 25.4





#71
2-Chlorotoluene
Concen: 9.758 ppbv
RT: 15.423 min Scan# 3935
Delta R.T. -0.016 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

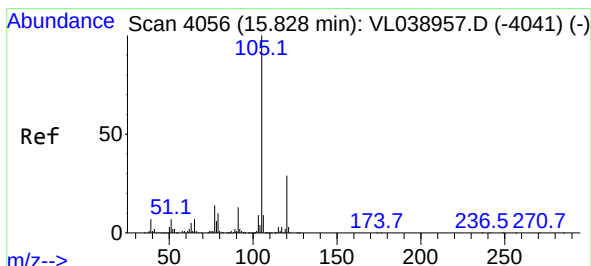
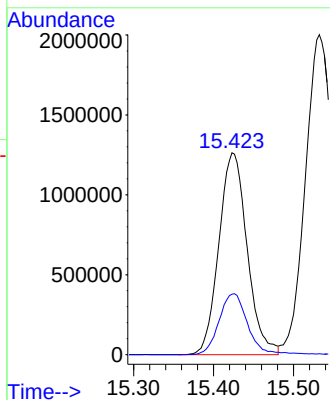
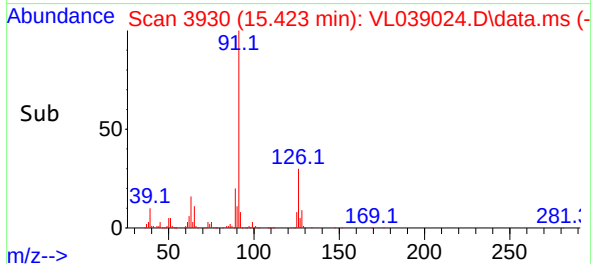
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



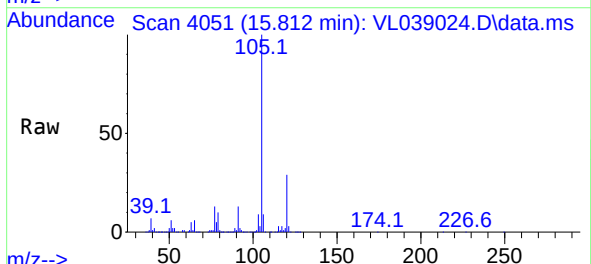
Tgt Ion: 91 Resp: 310022
Ion Ratio Lower Upper
91 100
126 31.0 11.9 47.5

Manual Integrations
APPROVED

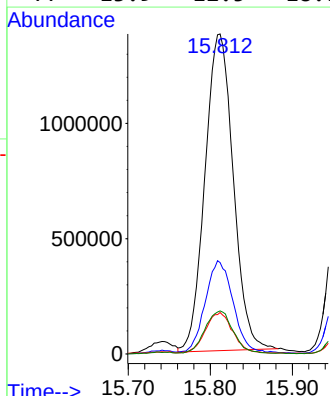
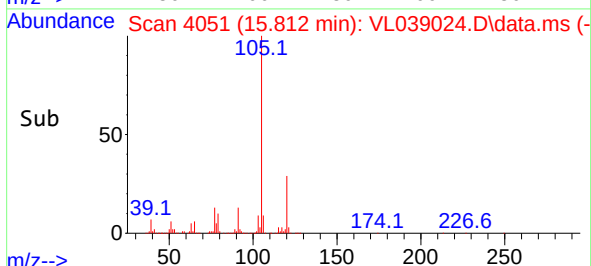
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

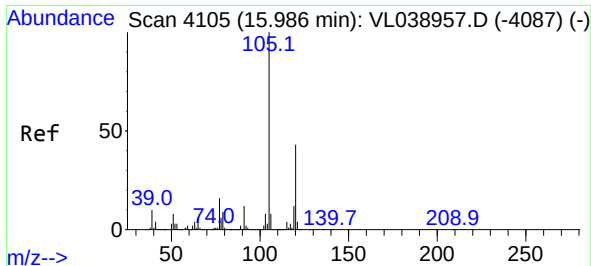


#72
4-Ethyltoluene
Concen: 10.248 ppbv
RT: 15.812 min Scan# 4051
Delta R.T. -0.016 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07



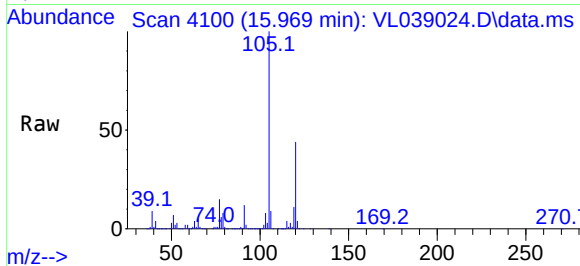
Tgt Ion:105 Resp: 3291010
Ion Ratio Lower Upper
105 100
120 29.8 23.4 35.0
91 12.7 10.6 16.0
77 13.9 12.5 18.7





#73
1,3,5-Trimethylbenzene
Concen: 10.341 ppbv
RT: 15.969 min Scan# 4105
Delta R.T. -0.016 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

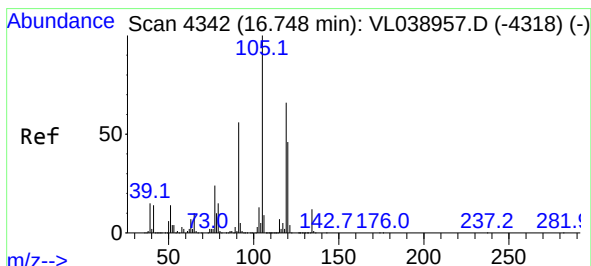
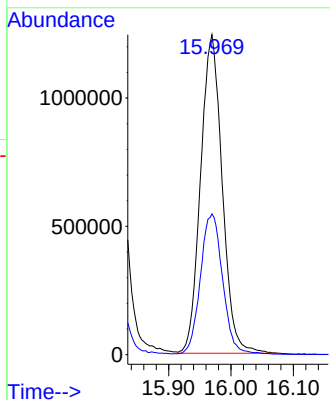
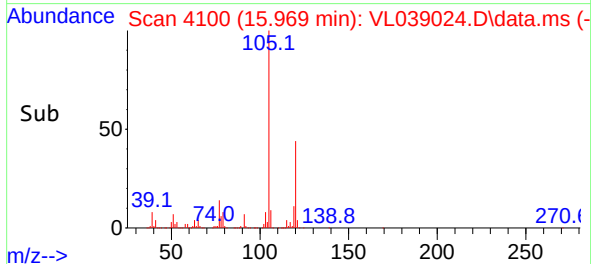
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



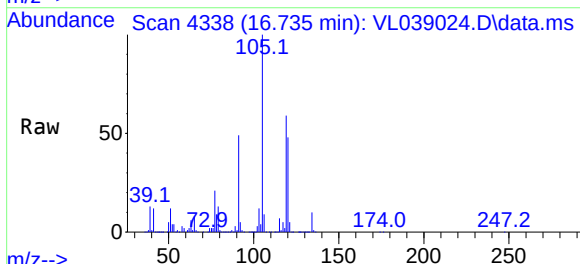
Tgt Ion:105 Resp: 2989558
Ion Ratio Lower Upper
105 100
120 44.0 34.4 51.6

Manual Integrations
APPROVED

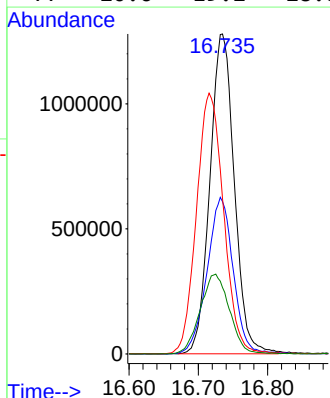
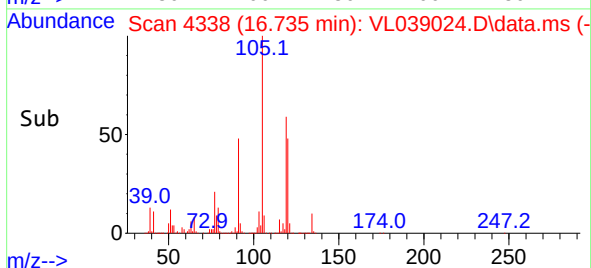
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

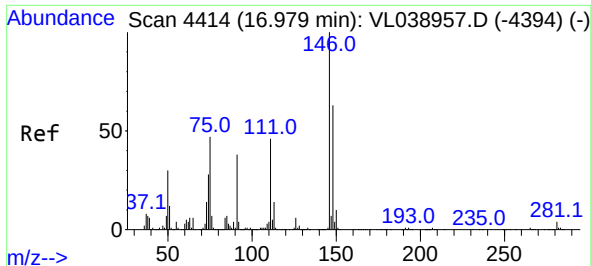


#74
1,2,4-Trimethylbenzene
Concen: 9.883 ppbv
RT: 16.735 min Scan# 4338
Delta R.T. -0.013 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07



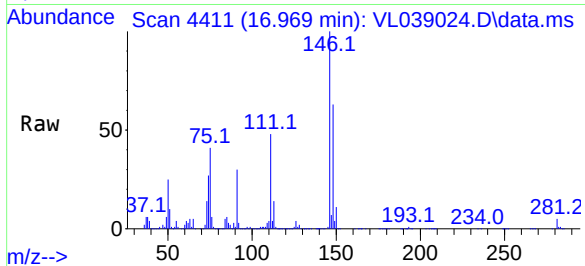
Tgt Ion:105 Resp: 3128340
Ion Ratio Lower Upper
105 100
120 47.4 36.9 55.3
91 48.2 45.0 67.4
77 20.6 19.2 28.8





#75
1,3-Dichlorobenzene
Concen: 10.253 ppbv
RT: 16.969 min Scan# 4411
Delta R.T. -0.010 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

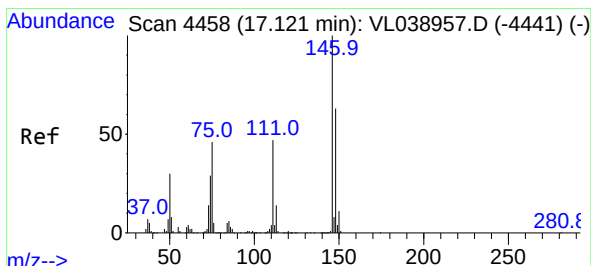
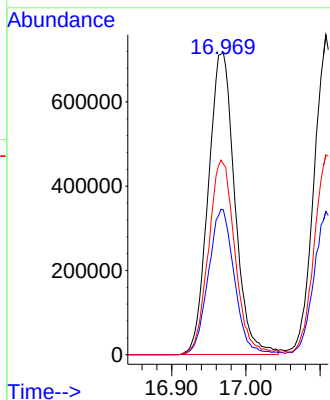
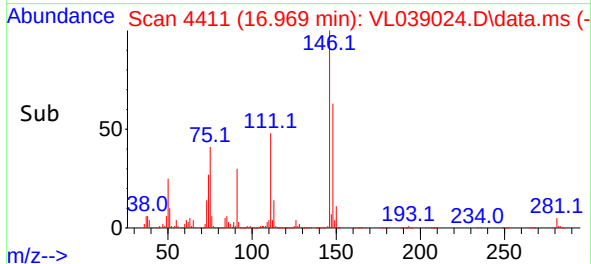
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



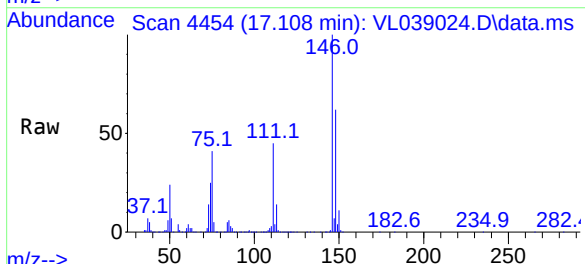
Tgt Ion:146 Resp: 1778290
Ion Ratio Lower Upper
146 100
111 47.4 24.1 72.2
148 64.8 32.4 97.2

Manual Integrations
APPROVED

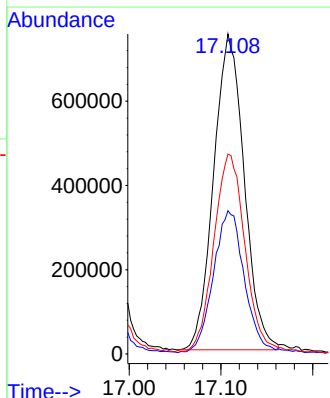
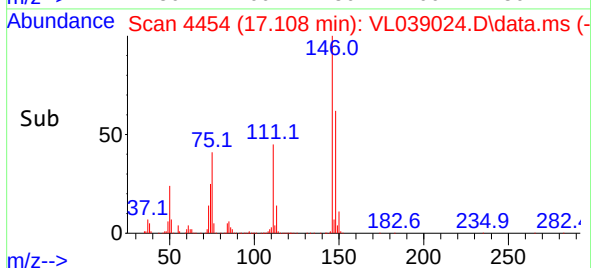
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

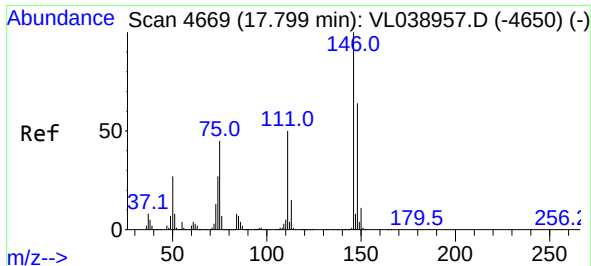


#76
1,4-Dichlorobenzene
Concen: 10.157 ppbv
RT: 17.108 min Scan# 4454
Delta R.T. -0.013 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07



Tgt Ion:146 Resp: 1732988
Ion Ratio Lower Upper
146 100
111 46.9 23.6 71.0
148 66.7 32.2 96.6





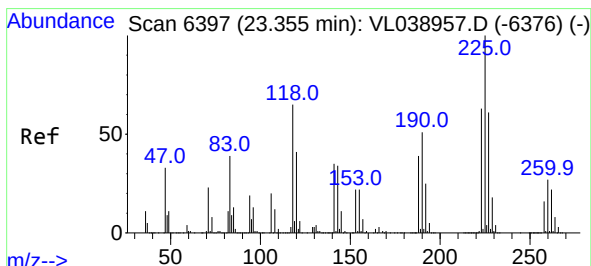
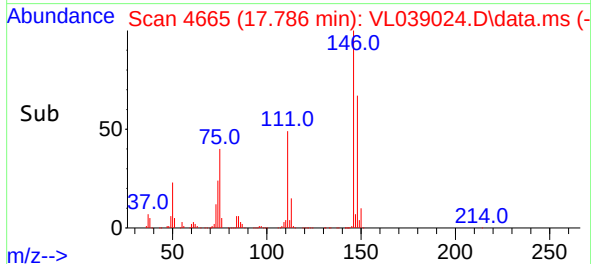
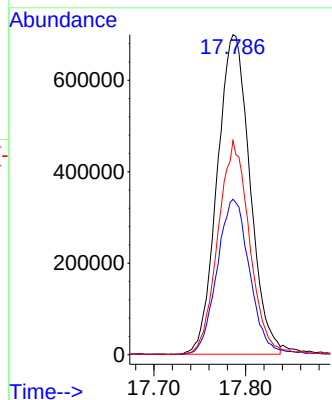
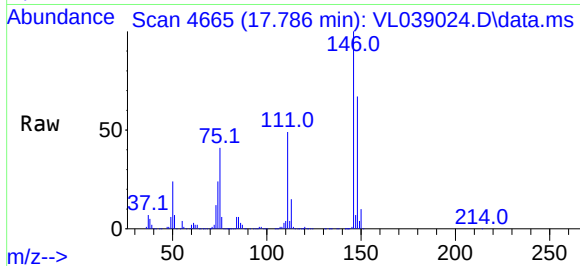
#77
1,2-Dichlorobenzene
Concen: 10.083 ppbv
RT: 17.786 min Scan# 4665
Delta R.T. -0.013 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01

Tgt Ion:146 Resp: 172964
Ion Ratio Lower Upper
146 100
111 49.2 25.3 75.9
148 65.1 32.3 96.9

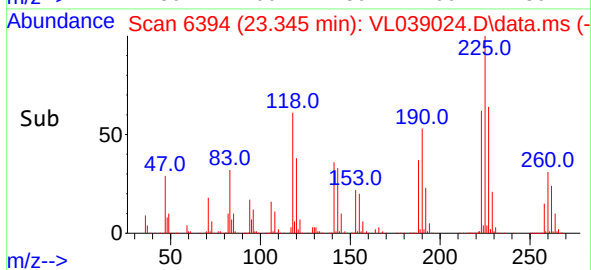
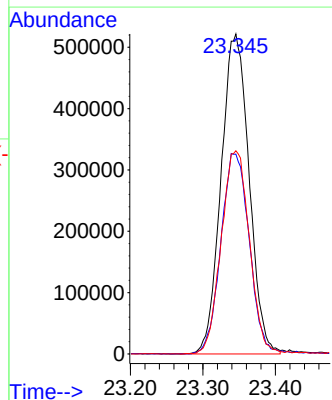
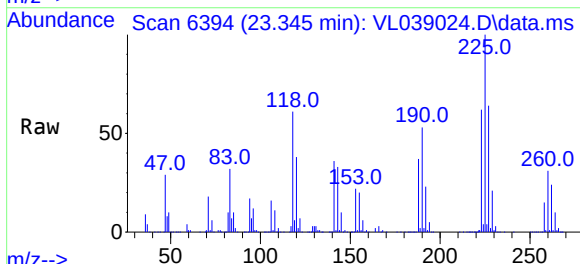
Manual Integrations
APPROVED

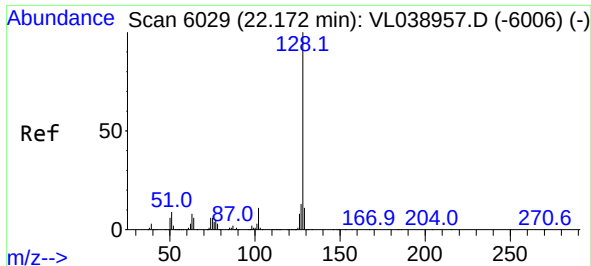
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022



#78
Hexachloro-1,3-Butadiene
Concen: 8.866 ppbv
RT: 23.345 min Scan# 6394
Delta R.T. -0.010 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

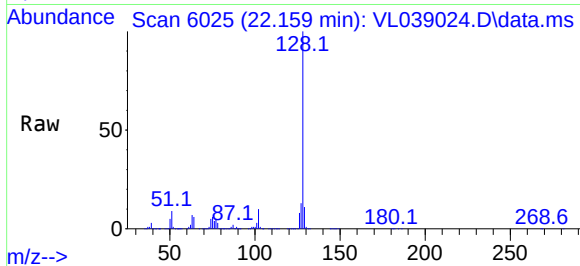
Tgt Ion:225 Resp: 1397705
Ion Ratio Lower Upper
225 100
223 64.2 51.4 77.0
227 64.0 51.4 77.0





#79
Naphthalene
Concen: 11.782 ppbv
RT: 22.159 min Scan# 6029
Delta R.T. -0.013 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07

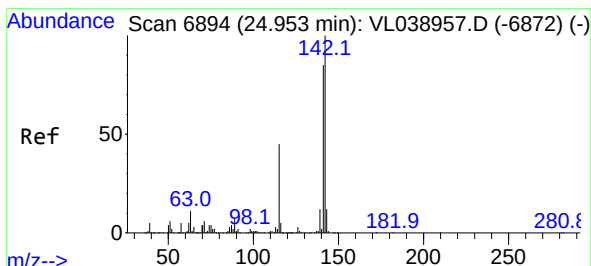
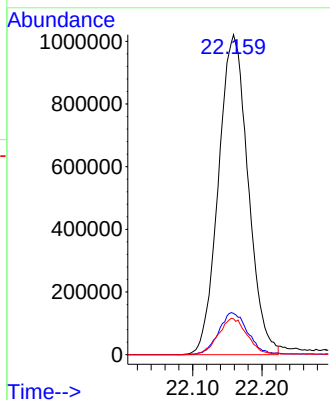
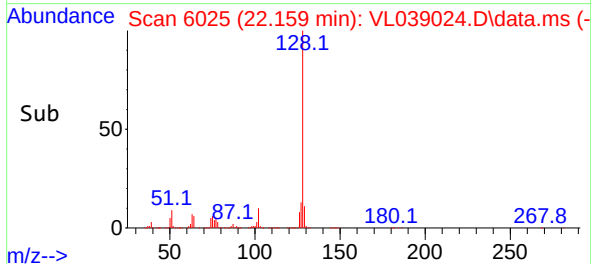
Instrument :
MSVOA_L
ClientSampleId :
VL0511ABS01



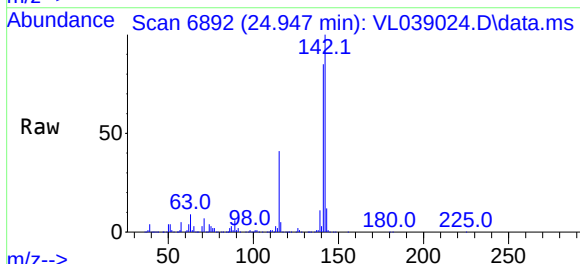
Tgt Ion:128 Resp: 3029410
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 11.2 8.9 13.3

Manual Integrations
APPROVED

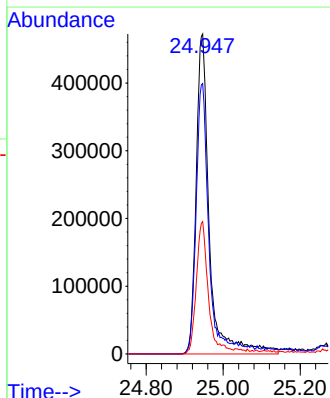
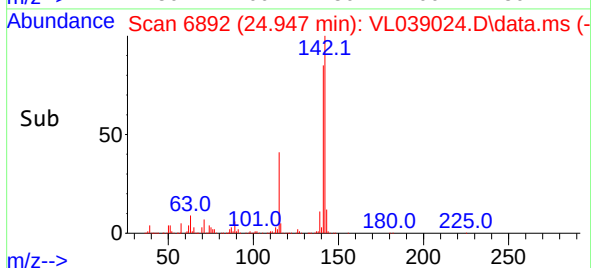
Reviewed By :Semsettin Yesilyurt 05/15/2022
Supervised By :Mahesh Dadoda 05/16/2022

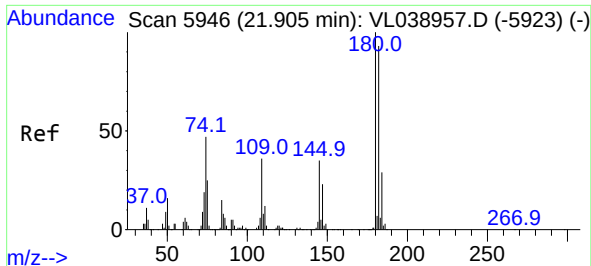


#80
Naphthalene,2-methyl-
Concen: 14.475 ppbv
RT: 24.947 min Scan# 6892
Delta R.T. -0.006 min
Lab File: VL039024.D
Acq: 11 May 2022 17:07



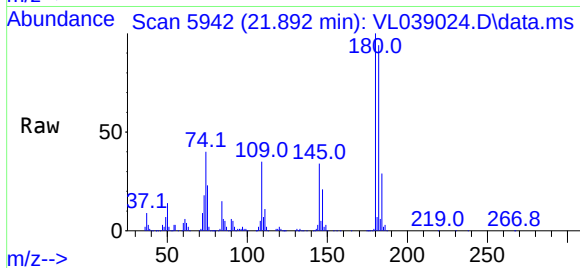
Tgt Ion:142 Resp: 1125922
Ion Ratio Lower Upper
142 100
141 82.8 70.8 106.2
115 37.7 35.1 52.7





#81
 1,2,4-Trichlorobenzene
 Concen: 10.412 ppbv
 RT: 21.892 min Scan# 5942
 Delta R.T. -0.013 min
 Lab File: VL039024.D
 Acq: 11 May 2022 17:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0511ABS01



Tgt Ion:180 Resp: 156885

Ion	Ratio	Lower	Upper
180	100		
182	97.2	78.4	117.6
184	31.3	24.4	36.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/15/2022
 Supervised By :Mahesh Dadoda 05/16/2022

