

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022222\
 Data File : VL038384.D
 Acq On : 22 Feb 2022 10:44
 Operator : SY/AP
 Sample : VL02222ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL02222ABS01

Quant Time: Feb 22 19:55:51 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:55:51 2022

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 02/23/2022
 Supervised By : Amit Patel 02/23/2022

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

Internal Standards						
1) Bromochloromethane	5.648	49	958072	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.153	114	2354810	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.060	117	2341147m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.388 95 1886751 9.740 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.041	85	1377901	9.080	ppbv	100
3) Chlorodifluoromethane	2.983	51	1550547	9.165	ppbv	100
4) Chloromethane	3.134	50	536291	9.123	ppbv	98
5) Vinyl Chloride	3.250	62	551236	8.970	ppbv	99
6) Bromomethane	3.462	94	291319	8.987	ppbv	97
7) Chloroethane	3.549	64	194183	9.838	ppbv	97
8) Dichlorotetrafluoroethane	3.179	85	1308019	9.267	ppbv	98
9) Propene	3.002	41	509674	9.124	ppbv	98
10) Heptane	8.098	43	1321105	9.716	ppbv	99
11) Trichlorofluoromethane	3.938	101	1333296	9.177	ppbv	94
12) 1,1,2-Trichlorotrifluo...	4.472	101	924462	8.679	ppbv	97
13) Ethanol	3.600	45	47141m	8.456	ppbv	
14) Bromoethene	3.729	108	391202	9.219	ppbv	98
15) Acetone	3.838	43	627667	7.704	ppbv	97
16) 1,3-Butadiene	3.317	39	529129	9.723	ppbv	99
17) tert-Butyl alcohol	4.275	59	825942	10.161	ppbv	99
18) 1,1-Dichloroethene	4.275	96	420076	8.983	ppbv	98
19) Isopropyl Alcohol	3.951	45	445607	9.445	ppbv	99
20) Methylene Chloride	4.330	84	334569	8.288	ppbv	98
21) Allyl Chloride	4.398	41	607880	8.834	ppbv	98
22) trans-1,2-Dichloroethene	4.870	96	440147	9.328	ppbv	94
23) Vinyl Acetate	5.057	43	933360	8.644	ppbv	99
24) 1,1-Dichloroethane	4.992	63	857343	8.832	ppbv	99
25) Ethyl Acetate	5.661	43	2088370	9.541	ppbv	100
26) Hexane	5.668	57	931156	9.394	ppbv	99
27) Carbon Disulfide	4.536	76	1068162	9.688	ppbv	100
28) Methyl tert-Butyl Ether	5.015	73	915757	9.070	ppbv	98
29) Chloroform	5.735	83	1557399	9.626	ppbv	100
30) Cyclohexane	7.111	84	819061	10.103	ppbv	95
31) cis-1,2-Dichloroethene	5.533	61	955922	9.954	ppbv	99
32) 1,1,1-Trichloroethane	6.491	97	1543833	9.489	ppbv	99
34) 2-Butanone	5.227	43	903603	12.201	ppbv	98
35) Carbon Tetrachloride	6.996	117	1608467	9.714	ppbv	99
36) Benzene	6.870	78	1998643	9.641	ppbv	98
37) 1,2-Dichloroethane	6.285	62	1161818	9.698	ppbv	100
38) Trichloroethene	7.812	130	728535	9.648	ppbv	93
39) 1,2-Dichloropropane	7.590	63	787933	9.542	ppbv	97
40) 1,4-Dioxane	7.809	88	185717	9.483	ppbv	97
41) Tetrahydrofuran	6.034	42	496773	9.928	ppbv	98
42) Bromodichloromethane	7.770	83	1706579	9.866	ppbv	98
43) Methyl Methacrylate	7.992	69	747399	10.371	ppbv	98
44) 2,2,4-Trimethylpentane	7.848	57	3346295	9.391	ppbv	99
45) t-1,3-Dichloropropene	9.253	75	568536	9.871	ppbv	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022222\
 Data File : VL038384.D
 Acq On : 22 Feb 2022 10:44
 Operator : SY/AP
 Sample : VL02222ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL02222ABS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/23/2022
 Supervised By :Amit Patel 02/23/2022

Quant Time: Feb 22 19:55:51 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M

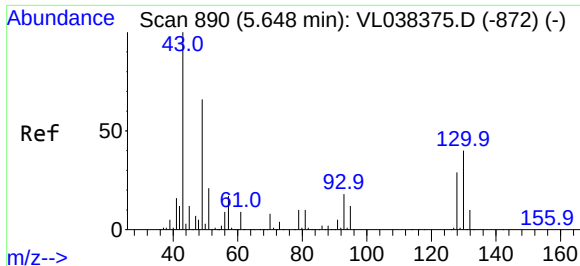
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:55:51 2022

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

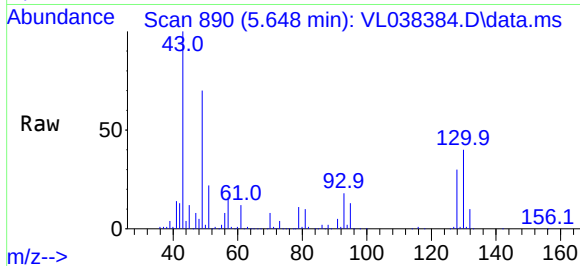
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.677	75	720589	9.546	ppbv	99
47) 1,1,2-Trichloroethane	9.452	97	797836	9.712	ppbv	96
48) Dibromochloromethane	10.278	129	1371416	10.210	ppbv	99
49) Bromoform	13.011	173	1045239	10.542	ppbv	100
50) 4-Methyl-2-Pentanone	8.719	43	1370762	10.469	ppbv	99
51) 2-Hexanone	10.111	43	611160	10.425	ppbv #	99
52) Tetrachloroethene	11.195	164	651537	9.468	ppbv	96
53) Toluene	9.780	91	2257819	10.031	ppbv	100
54) 1,2-Dibromoethane	10.584	107	1163070	10.058	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.098	131	878501	9.003	ppbv	98
57) Chlorobenzene	12.121	112	1572720	8.707	ppbv	99
58) Ethyl Benzene	12.683	91	2958205	9.240	ppbv	99
59) m/p-Xylene	12.966	91	5072535m	18.449	ppbv	
60) o-Xylene	13.664	91	2359997	9.080	ppbv	99
61) Styrene	13.500	104	1214608	10.132	ppbv	99
62) Isopropylbenzene	14.642	105	3208135	9.197	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.648	83	1771066	8.387	ppbv	99
64) n-propylbenzene	15.535	120	817207	9.462	ppbv	95
65) tert-Butylbenzene	16.715	119	2840281	9.400	ppbv	99
66) Benzyl Chloride	16.960	91	143851	8.811	ppbv #	98
67) sec-Butylbenzene	17.265	105	3995621	9.334	ppbv	100
69) p-Isopropyltoluene	17.625	119	3302767	9.822	ppbv	100
70) n-Butylbenzene	18.522	91	3495616	10.045	ppbv	100
71) 2-Chlorotoluene	15.423	91	2508033	9.350	ppbv	99
72) 4-Ethyltoluene	15.812	105	2784799	9.725	ppbv	99
73) 1,3,5-Trimethylbenzene	15.969	105	2506071	9.636	ppbv	99
74) 1,2,4-Trimethylbenzene	16.735	105	2632043	9.586	ppbv	98
75) 1,3-Dichlorobenzene	16.969	146	1445500	9.400	ppbv	99
76) 1,4-Dichlorobenzene	17.108	146	1402230	9.247	ppbv	100
77) 1,2-Dichlorobenzene	17.789	146	1392565	9.407	ppbv	100
78) Hexachloro-1,3-Butadiene	23.349	225	1041829	9.228	ppbv	99
79) Naphthalene	22.159	128	1935778	13.012	ppbv	99
80) Naphthalene,2-methyl-	24.950	142	399010	13.724	ppbv	96
81) 1,2,4-Trichlorobenzene	21.889	180	1075296	11.955	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.648 min Scan# 890
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

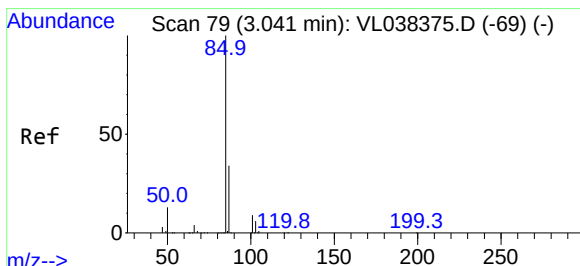
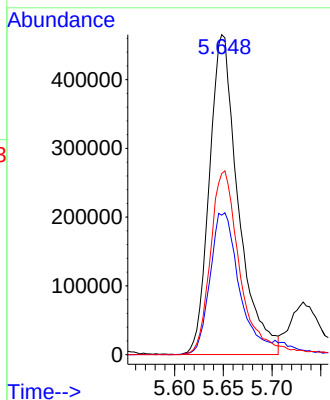
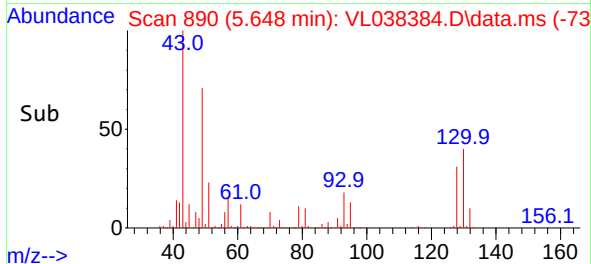
Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01



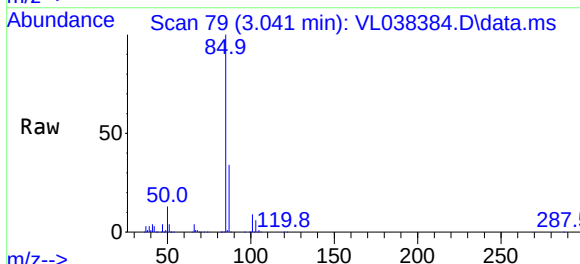
Tgt Ion: 49 Resp: 958072
Ion Ratio Lower Upper
49 100
128 49.3 24.3 72.9
130 60.6 30.1 90.5

Manual Integrations
APPROVED

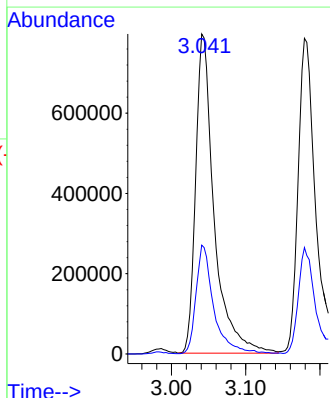
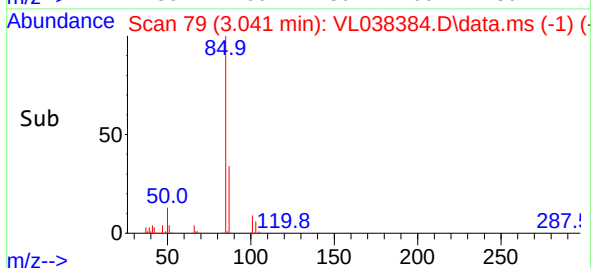
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

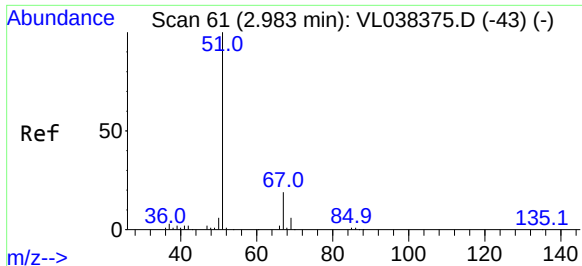


#2
Dichlorodifluoromethane
Concen: 9.080 ppbv
RT: 3.041 min Scan# 79
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44



Tgt Ion: 85 Resp: 1377901
Ion Ratio Lower Upper
85 100
87 33.9 27.4 41.0





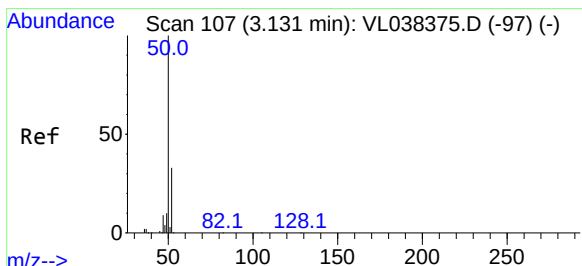
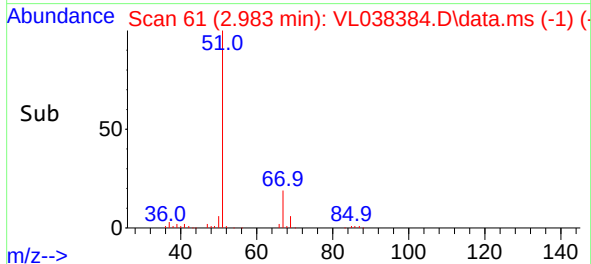
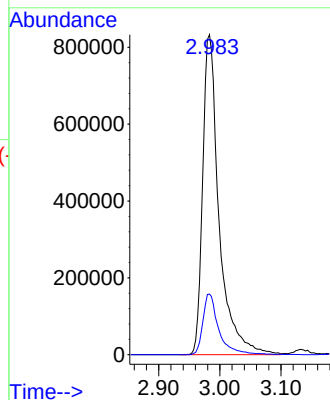
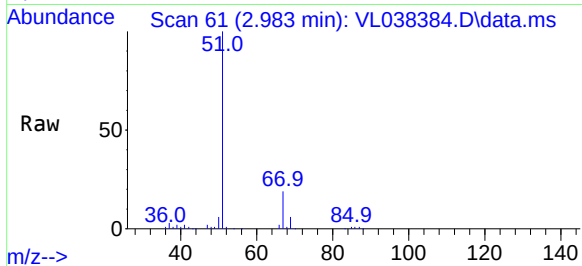
#3
Chlorodifluoromethane
Concen: 9.165 ppbv
RT: 2.983 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01

Tgt Ion: 51 Resp: 155054
Ion Ratio Lower Upper
51 100
67 18.5 14.7 22.1

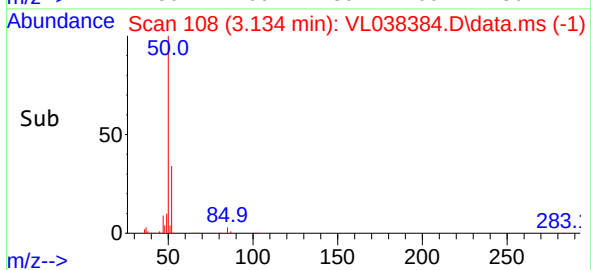
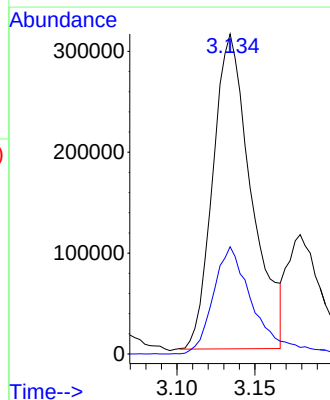
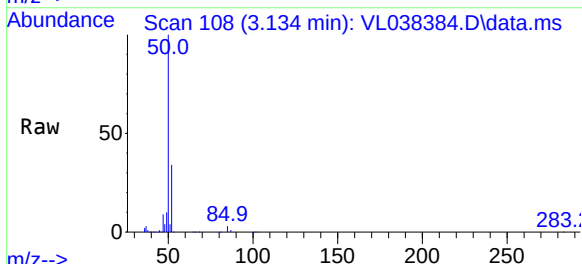
Manual Integrations
APPROVED

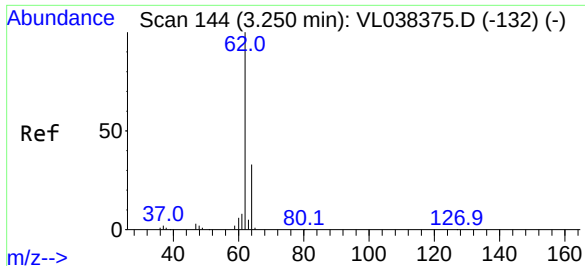
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#4
Chloromethane
Concen: 9.123 ppbv
RT: 3.134 min Scan# 108
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

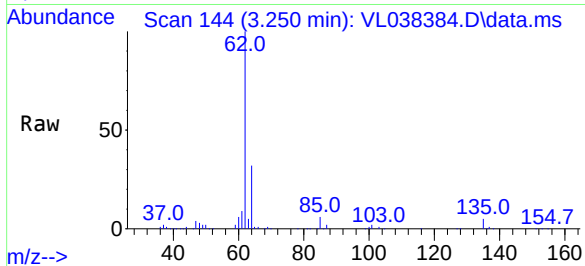
Tgt Ion: 50 Resp: 536291
Ion Ratio Lower Upper
50 100
52 34.0 26.5 39.7





#5
 Vinyl Chloride
 Concen: 8.970 ppbv
 RT: 3.250 min Scan# 144
 Delta R.T. 0.000 min
 Lab File: VL038384.D
 Acq: 22 Feb 2022 10:44

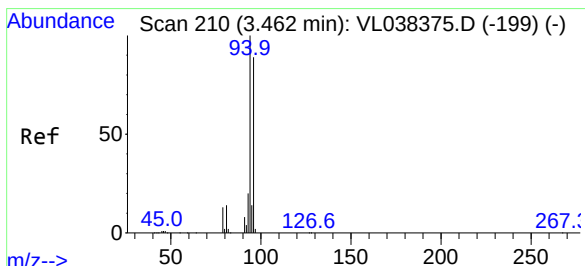
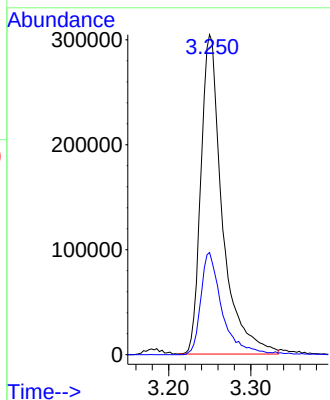
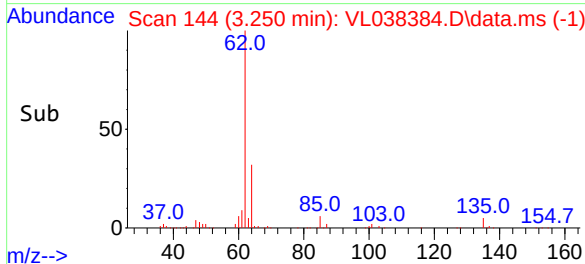
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0222ABS01



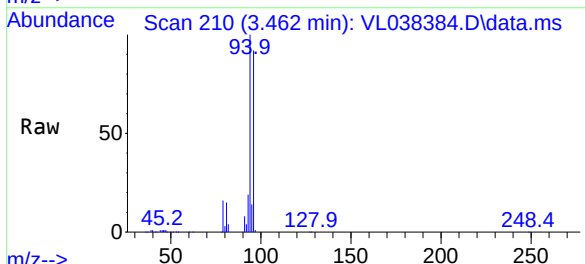
Tgt Ion: 62 Resp: 551230
 Ion Ratio Lower Upper
 62 100
 64 32.0 26.2 39.2

Manual Integrations
 APPROVED

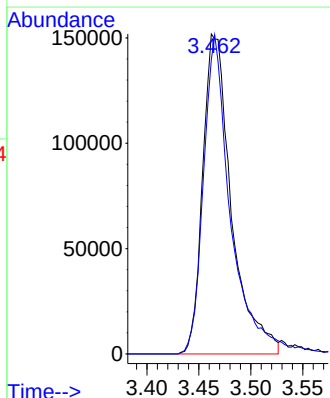
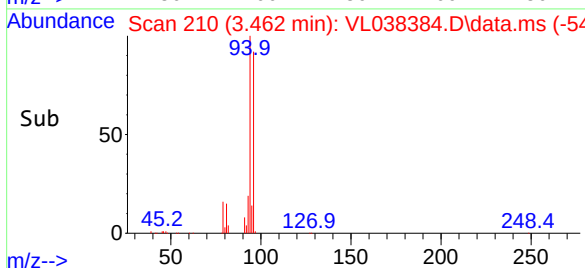
Reviewed By :Semsettin Yesilyurt 02/23/2022
 Supervised By :Amit Patel 02/23/2022

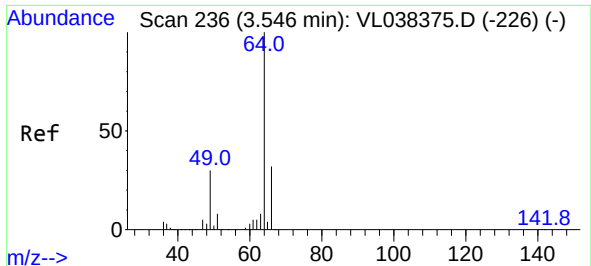


#6
 Bromomethane
 Concen: 8.987 ppbv
 RT: 3.462 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VL038384.D
 Acq: 22 Feb 2022 10:44



Tgt Ion: 94 Resp: 291319
 Ion Ratio Lower Upper
 94 100
 96 92.0 71.0 106.6





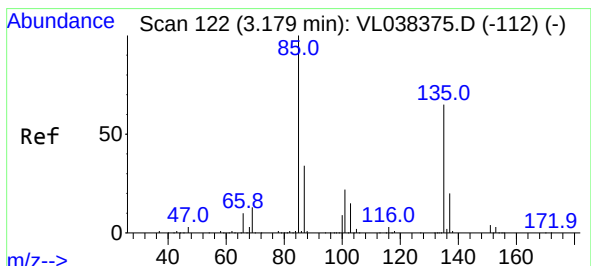
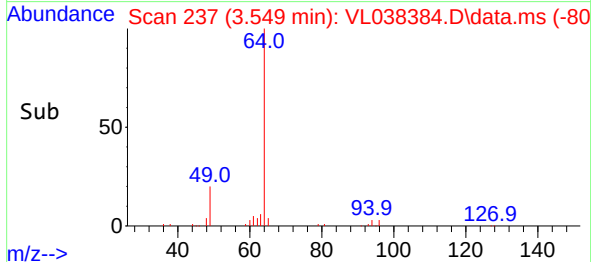
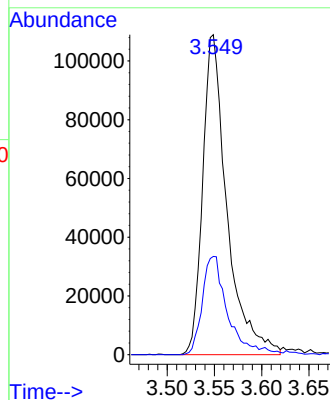
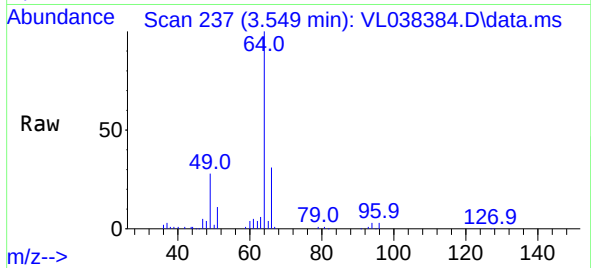
#7
Chloroethane
Concen: 9.838 ppbv
RT: 3.549 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01

Tgt Ion: 64 Resp: 19418
Ion Ratio Lower Upper
64 100
66 30.7 25.9 38.9

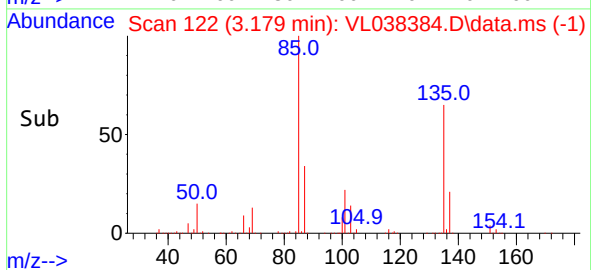
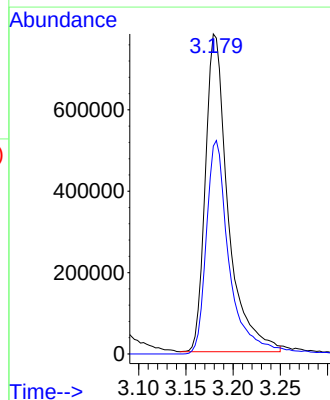
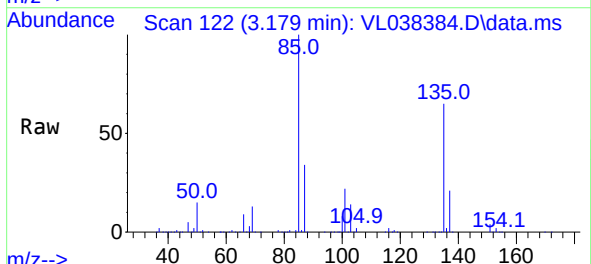
Manual Integrations
APPROVED

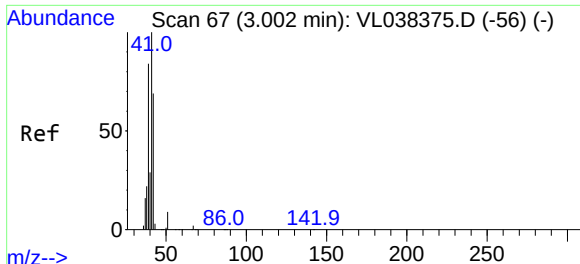
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#8
Dichlorotetrafluoroethane
Concen: 9.267 ppbv
RT: 3.179 min Scan# 122
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

Tgt Ion: 85 Resp: 1308019
Ion Ratio Lower Upper
85 100
135 68.9 54.1 81.1





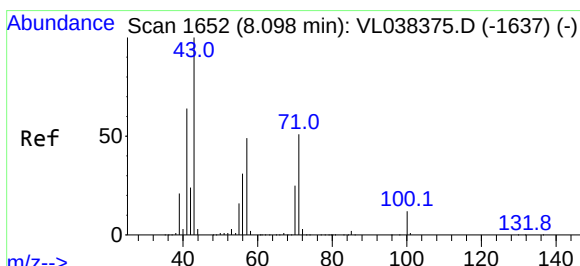
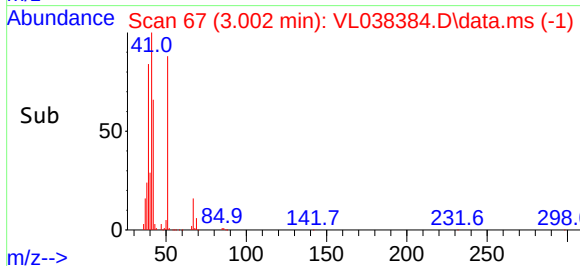
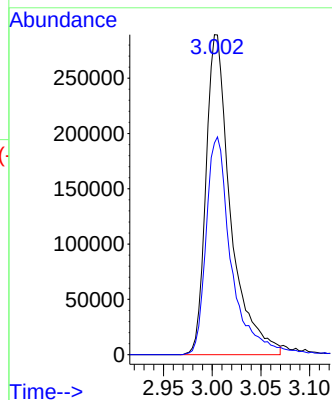
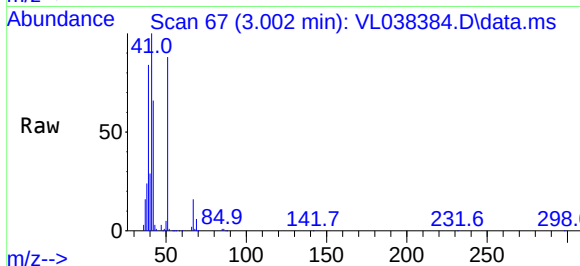
#9
Propene
Concen: 9.124 ppbv
RT: 3.002 min Scan# 61
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01

Tgt Ion: 41 Resp: 509674
Ion Ratio Lower Upper
41 100
42 70.3 54.6 82.0

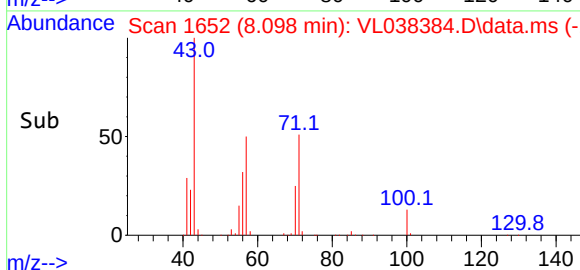
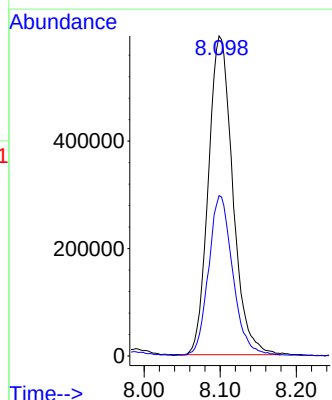
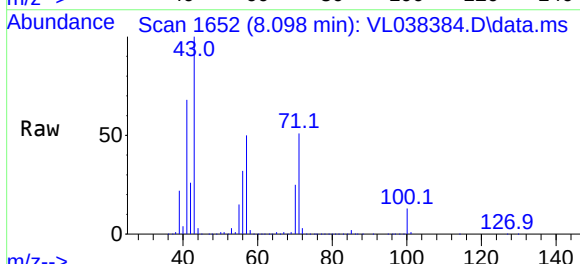
Manual Integrations
APPROVED

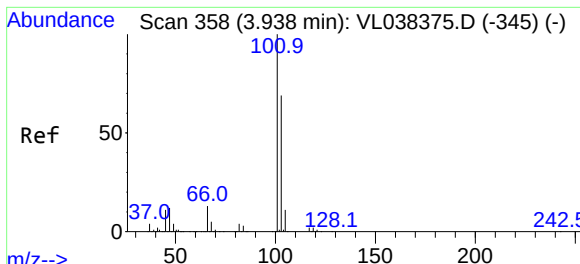
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#10
Heptane
Concen: 9.716 ppbv
RT: 8.098 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

Tgt Ion: 43 Resp: 1321105
Ion Ratio Lower Upper
43 100
57 50.3 39.8 59.8





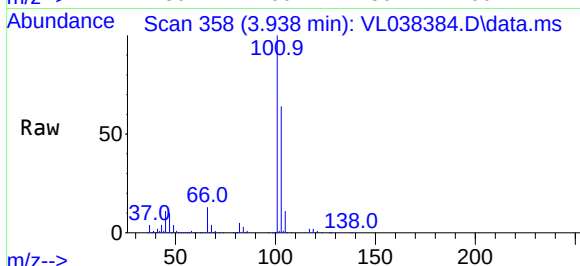
#11
Trichlorofluoromethane
Concen: 9.177 ppbv
RT: 3.938 min Scan# 311
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

Instrument :

MSVOA_L

ClientSampleId :

VL0222ABS01

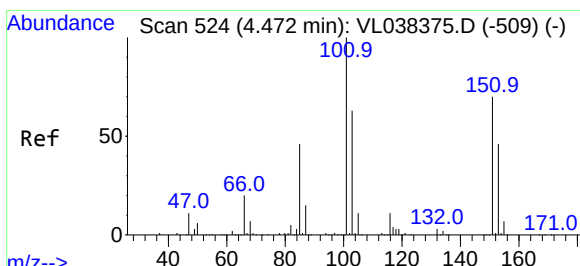
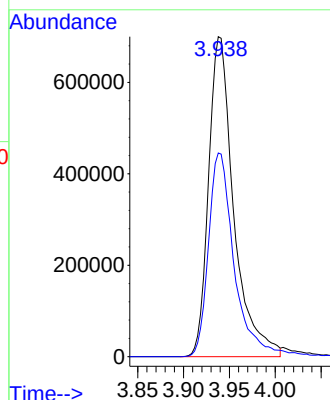
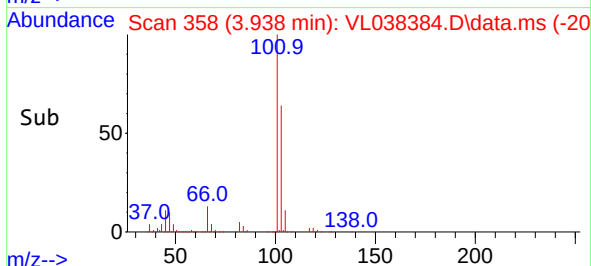


Tgt Ion:101 Resp: 1333290
Ion Ratio Lower Upper
101 100
103 63.7 55.0 82.4

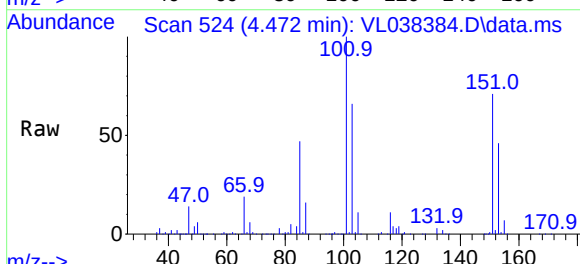
Manual Integrations

APPROVED

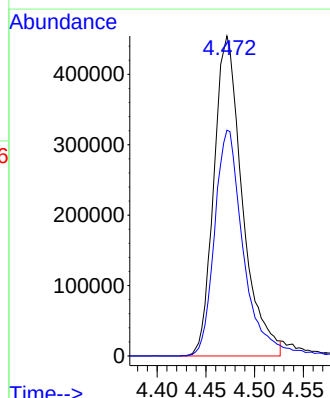
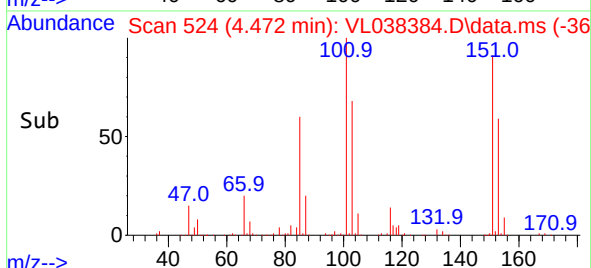
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

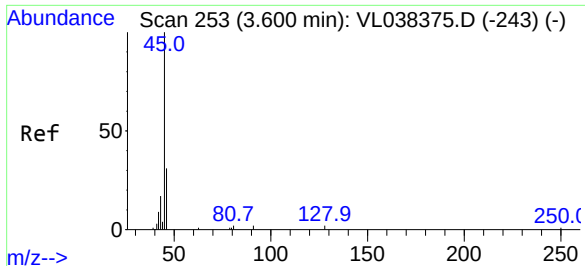


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.679 ppbv
RT: 4.472 min Scan# 524
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44



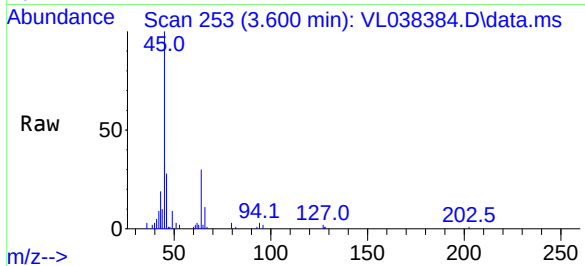
Tgt Ion:101 Resp: 924462
Ion Ratio Lower Upper
101 100
151 72.5 55.9 83.9





#13
Ethanol
Concen: 8.456 ppbv m
RT: 3.600 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

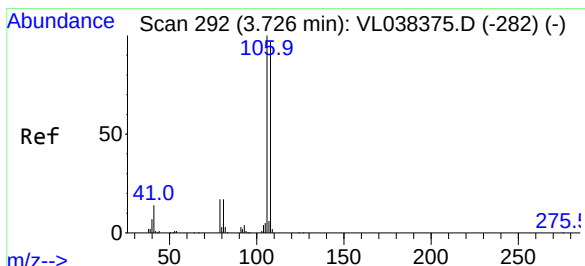
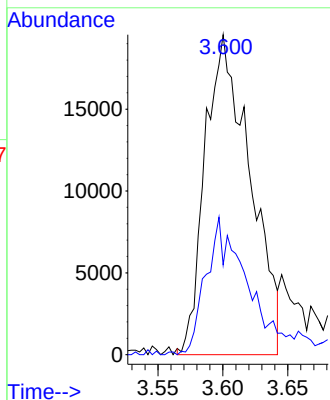
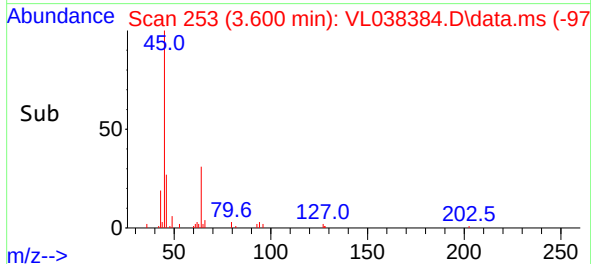
Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01



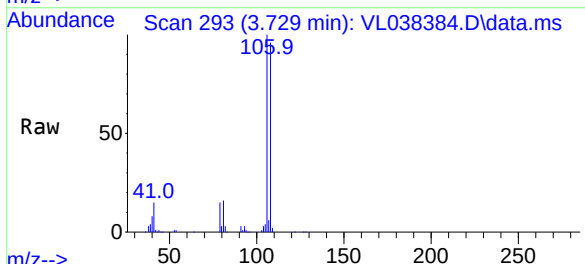
Tgt Ion: 45 Resp: 4714
Ion Ratio Lower Upper
45 100
46 45.1 18.2 72.8

Manual Integrations
APPROVED

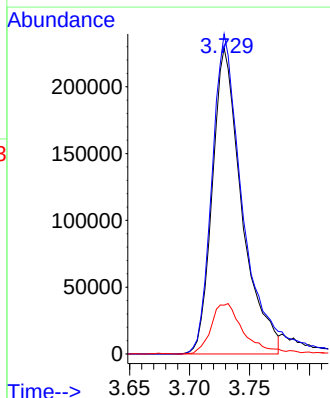
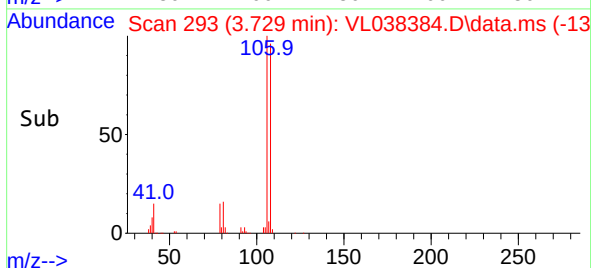
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

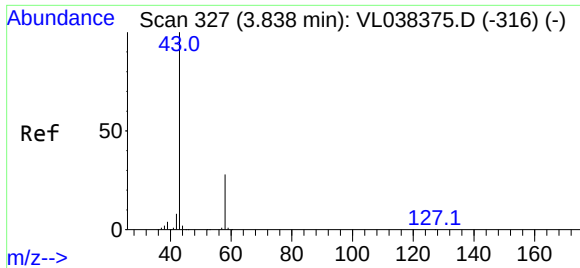


#14
Bromoethene
Concen: 9.219 ppbv
RT: 3.729 min Scan# 293
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44



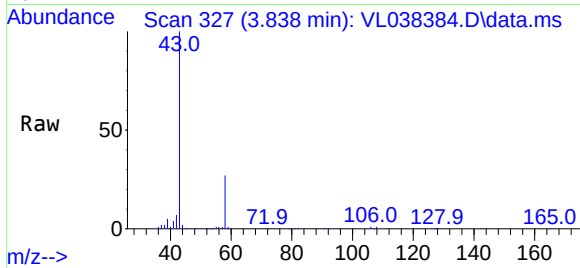
Tgt Ion:108 Resp: 391202
Ion Ratio Lower Upper
108 100
106 113.0 88.4 132.6
79 19.1 15.0 22.6





#15
Acetone
Concen: 7.704 ppbv
RT: 3.838 min Scan# 316
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

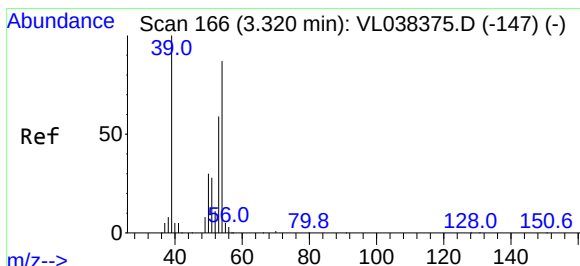
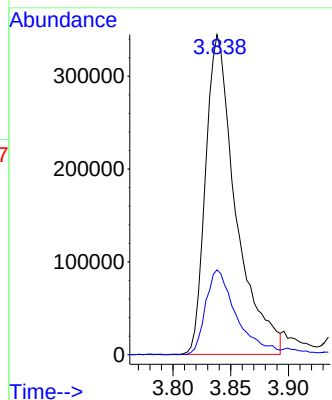
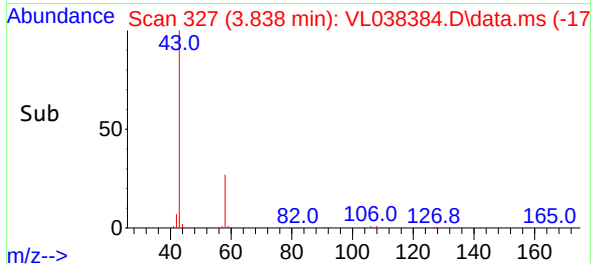
Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01



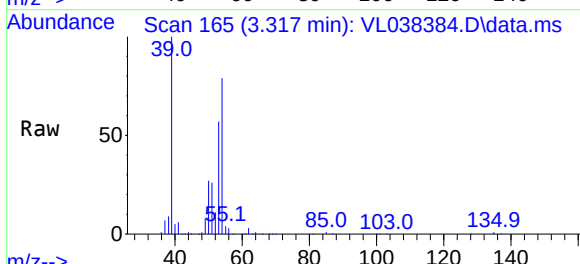
Tgt Ion: 43 Resp: 62766
Ion Ratio Lower Upper
43 100
58 28.5 21.7 32.5

Manual Integrations
APPROVED

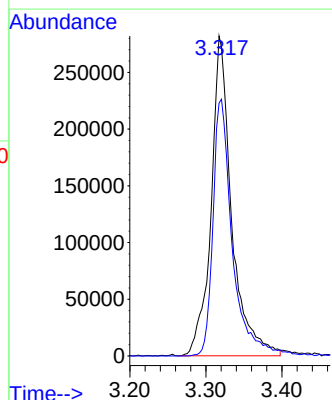
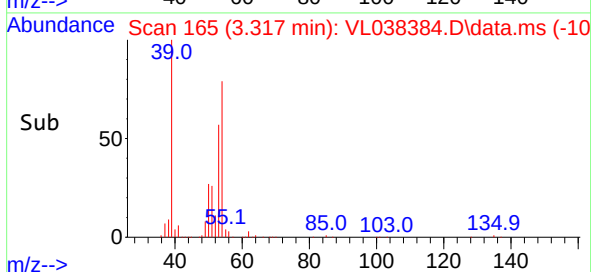
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

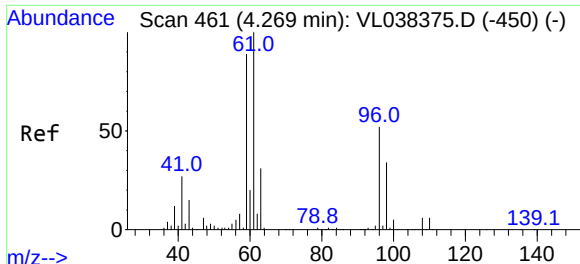


#16
1,3-Butadiene
Concen: 9.723 ppbv
RT: 3.317 min Scan# 165
Delta R.T. -0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44



Tgt Ion: 39 Resp: 529129
Ion Ratio Lower Upper
39 100
54 76.4 60.3 90.5





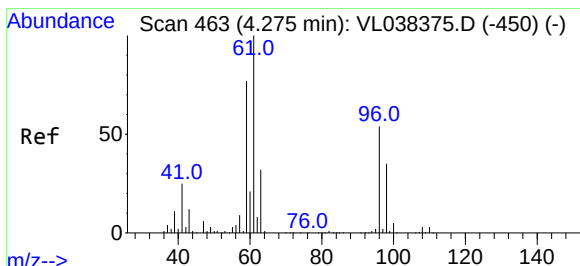
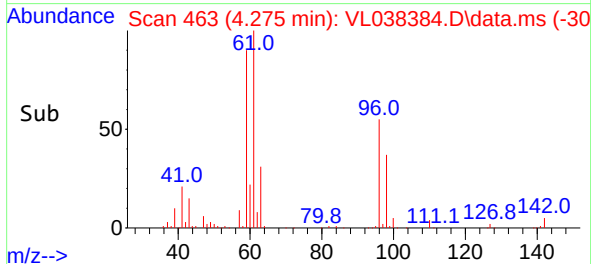
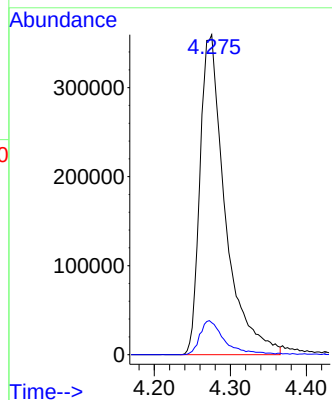
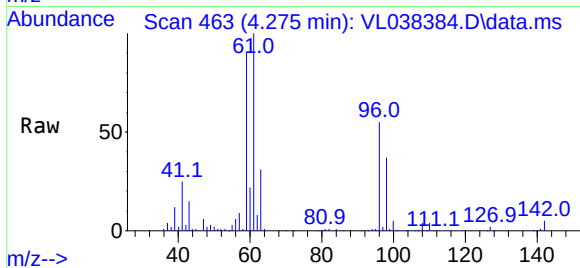
#17
tert-Butyl alcohol
Concen: 10.161 ppbv
RT: 4.275 min Scan# 463
Delta R.T. 0.006 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01

Tgt Ion: 59 Resp: 82594
Ion Ratio Lower Upper
59 100
57 10.7 8.4 12.6

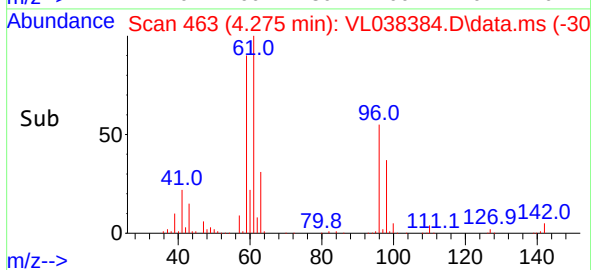
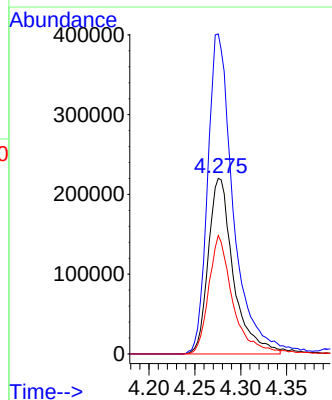
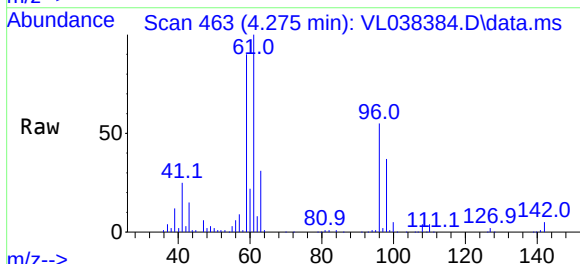
Manual Integrations
APPROVED

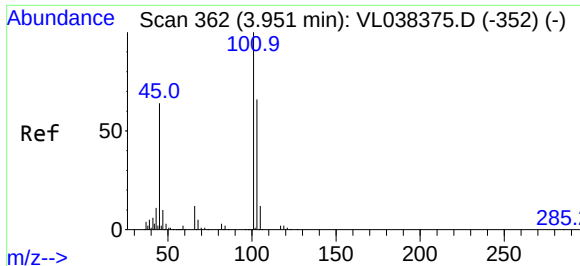
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#18
1,1-Dichloroethene
Concen: 8.983 ppbv
RT: 4.275 min Scan# 463
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

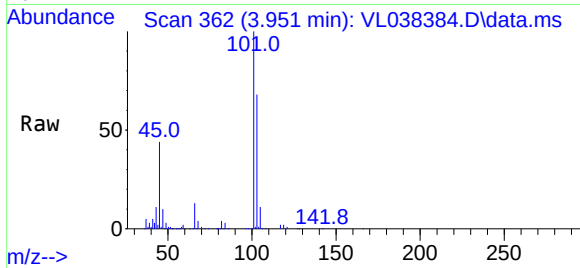
Tgt Ion: 96 Resp: 420076
Ion Ratio Lower Upper
96 100
61 182.1 146.8 220.2
98 67.3 51.5 77.3





#19
Isopropyl Alcohol
Concen: 9.445 ppbv
RT: 3.951 min Scan# 30
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

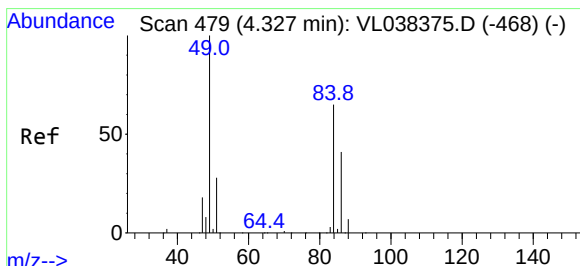
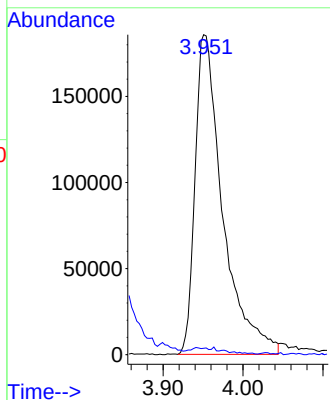
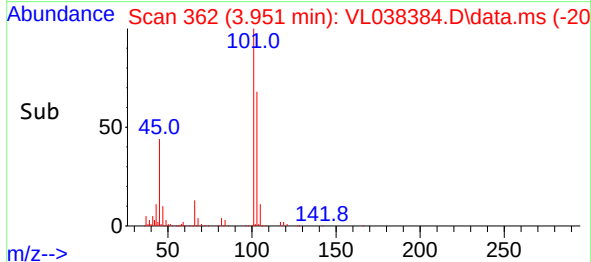
Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01



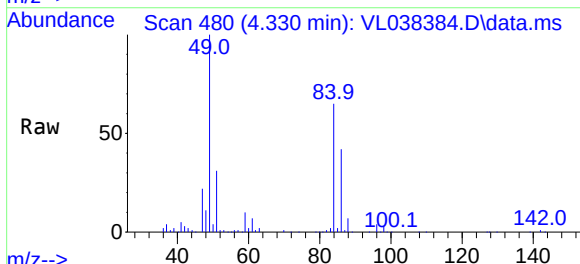
Tgt Ion: 45 Resp: 44560
Ion Ratio Lower Upper
45 100
58 2.5 1.8 2.8

Manual Integrations
APPROVED

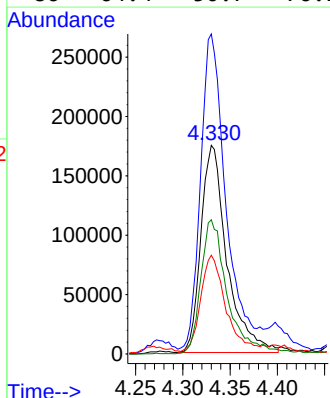
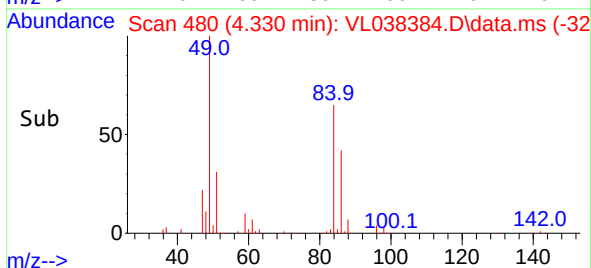
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

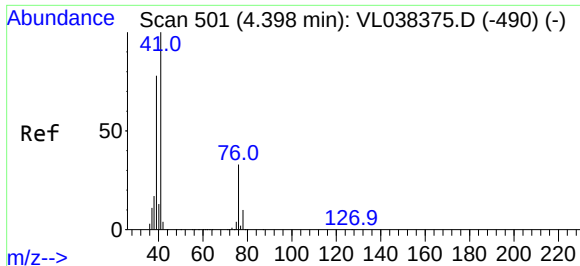


#20
Methylene Chloride
Concen: 8.288 ppbv
RT: 4.330 min Scan# 480
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44



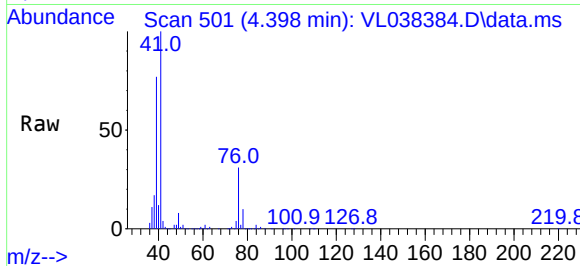
Tgt Ion: 84 Resp: 334569
Ion Ratio Lower Upper
84 100
49 152.1 122.4 183.6
51 46.2 33.3 49.9
86 64.4 50.7 76.1





#21
 Allyl Chloride
 Concen: 8.834 ppbv
 RT: 4.398 min Scan# 501
 Delta R.T. 0.000 min
 Lab File: VL038384.D
 Acq: 22 Feb 2022 10:44

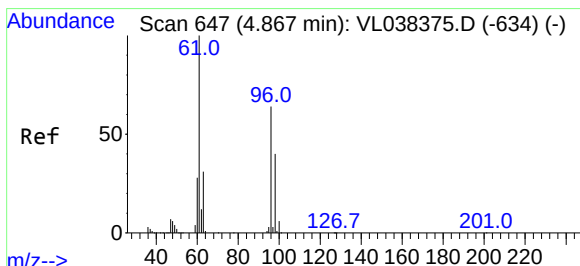
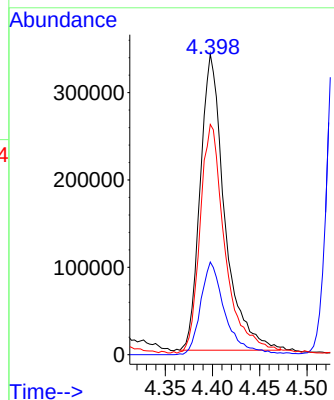
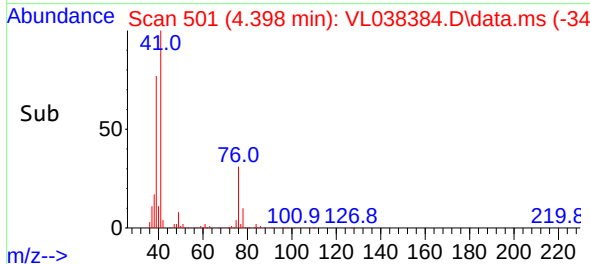
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0222ABS01



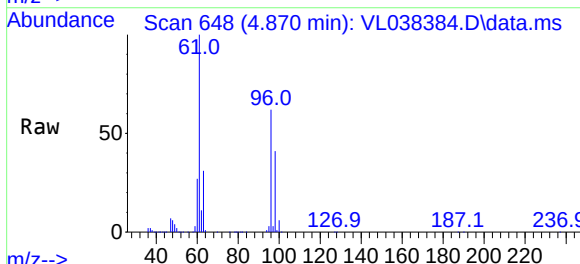
Tgt Ion: 41 Resp: 607880
 Ion Ratio Lower Upper
 41 100
 76 31.6 25.4 38.0
 39 80.9 63.0 94.6

Manual Integrations
 APPROVED

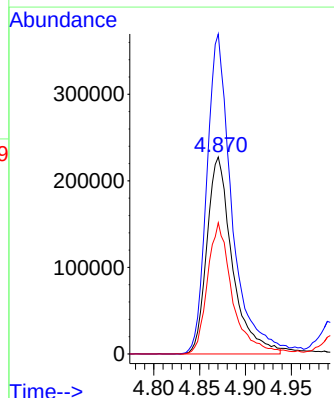
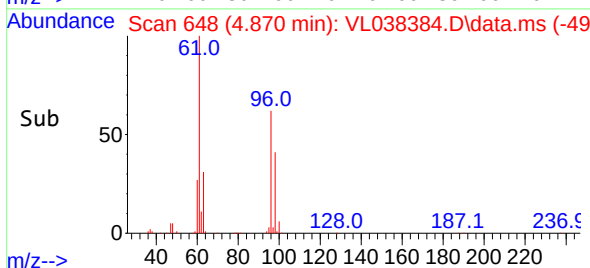
Reviewed By :Semsettin Yesilyurt 02/23/2022
 Supervised By :Amit Patel 02/23/2022

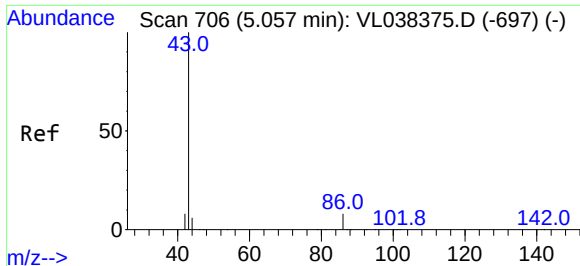


#22
 trans-1,2-Dichloroethene
 Concen: 9.328 ppbv
 RT: 4.870 min Scan# 648
 Delta R.T. 0.003 min
 Lab File: VL038384.D
 Acq: 22 Feb 2022 10:44



Tgt Ion: 96 Resp: 440147
 Ion Ratio Lower Upper
 96 100
 61 162.5 124.2 186.4
 98 66.6 49.1 73.7





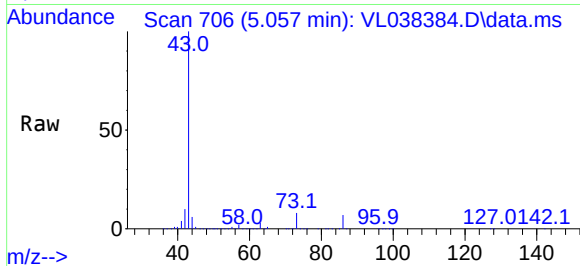
#23
 Vinyl Acetate
 Concen: 8.644 ppbv
 RT: 5.057 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VL038384.D
 Acq: 22 Feb 2022 10:44

Instrument :

MSVOA_L

ClientSampleId :

VL0222ABS01



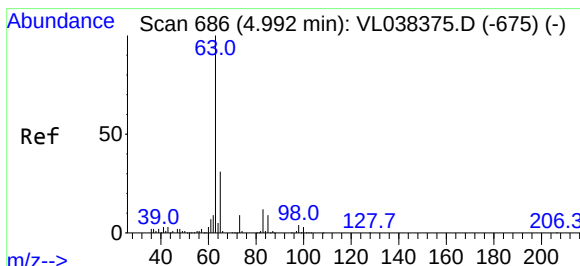
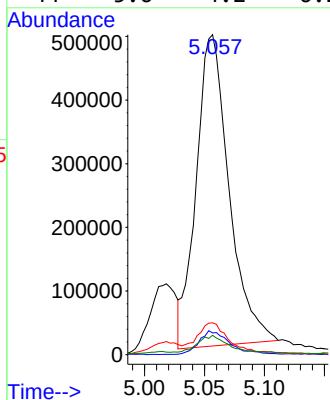
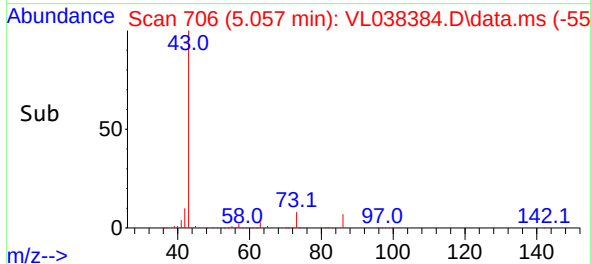
Tgt Ion: 43 Resp: 933360

Ion	Ratio	Lower	Upper
43	100		
86	6.9	5.8	8.6
42	9.8	7.4	11.0
44	5.6	4.2	6.2

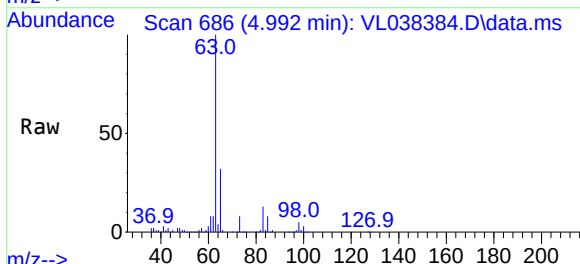
Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/23/2022
 Supervised By :Amit Patel 02/23/2022

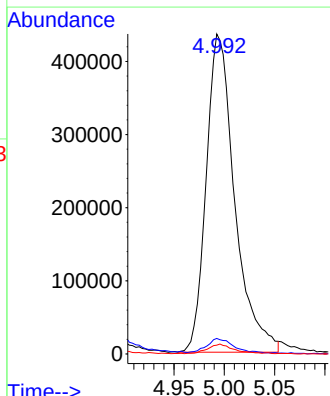
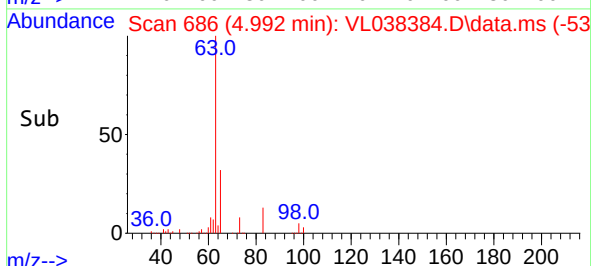


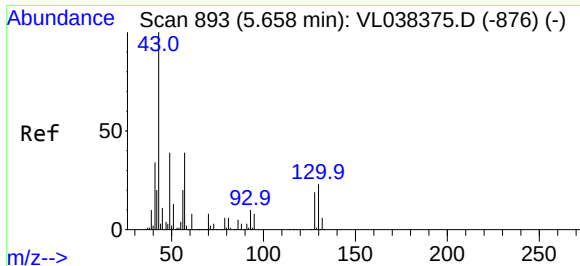
#24
 1,1-Dichloroethane
 Concen: 8.832 ppbv
 RT: 4.992 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VL038384.D
 Acq: 22 Feb 2022 10:44



Tgt Ion: 63 Resp: 857343

Ion	Ratio	Lower	Upper
63	100		
98	4.7	2.1	6.5
100	2.6	1.4	4.2





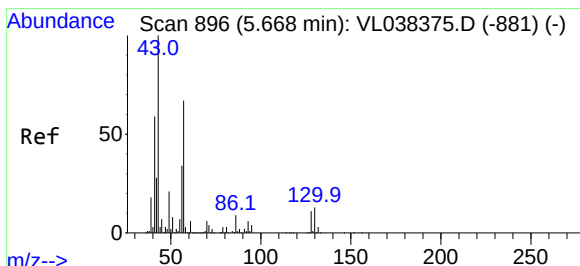
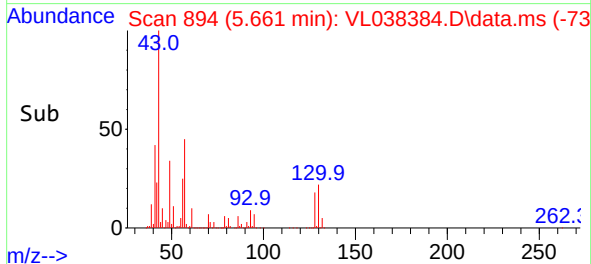
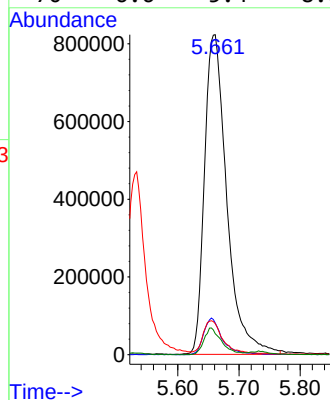
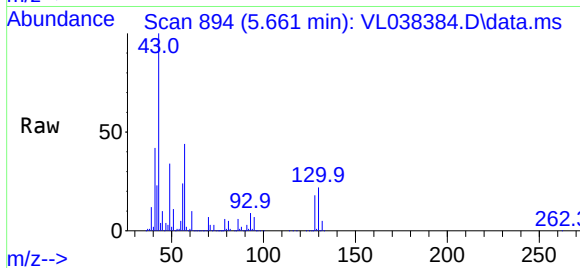
#25
Ethyl Acetate
Concen: 9.541 ppbv
RT: 5.661 min Scan# 893
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01

Tgt Ion: 43 Resp: 2088370
Ion Ratio Lower Upper
43 100
45 9.8 7.8 11.6
61 9.5 7.5 11.3
70 6.6 5.4 8.0

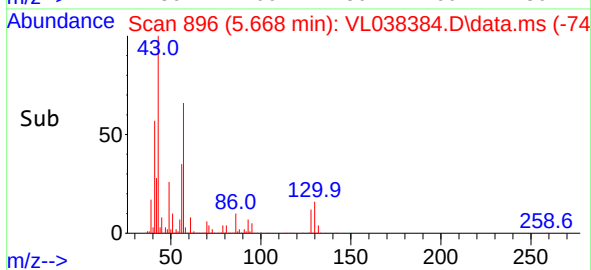
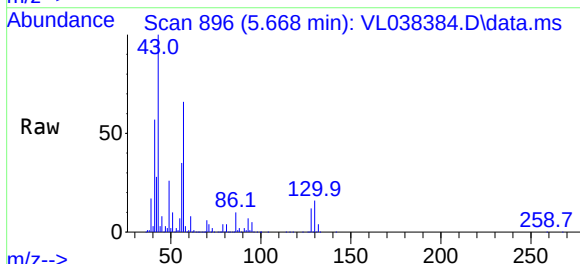
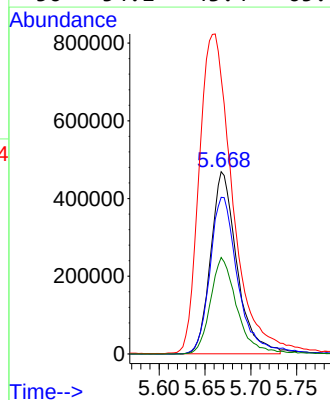
Manual Integrations
APPROVED

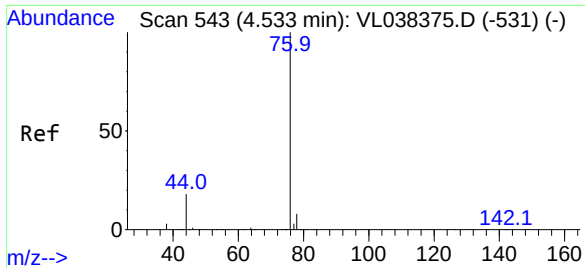
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#26
Hexane
Concen: 9.394 ppbv
RT: 5.668 min Scan# 896
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

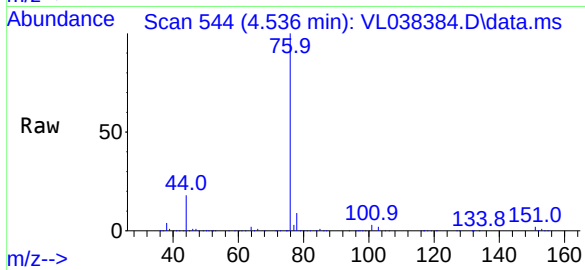
Tgt Ion: 57 Resp: 931156
Ion Ratio Lower Upper
57 100
41 93.0 73.1 109.7
43 225.7 181.0 271.4
56 54.1 43.4 65.0





#27
Carbon Disulfide
Concen: 9.688 ppbv
RT: 4.536 min Scan# 543
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

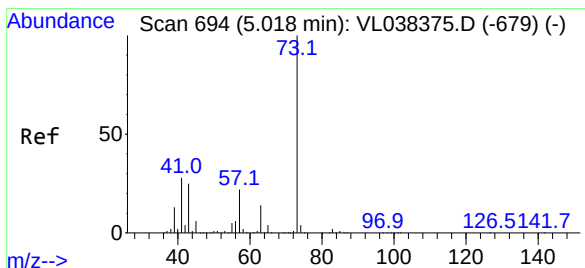
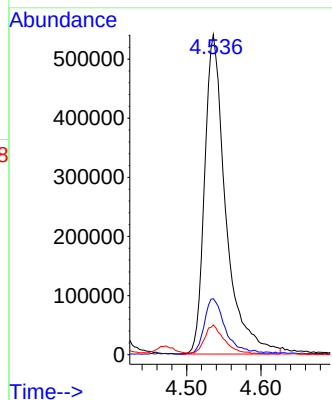
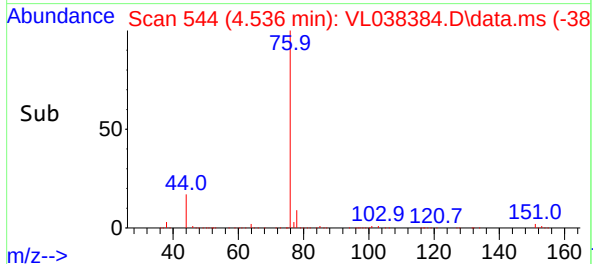
Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01



Tgt Ion: 76 Resp: 106816
Ion Ratio Lower Upper
76 100
44 17.8 14.2 21.2
78 9.7 7.8 11.6

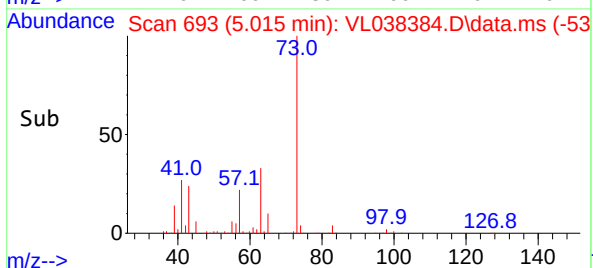
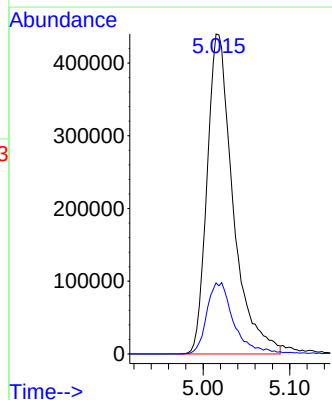
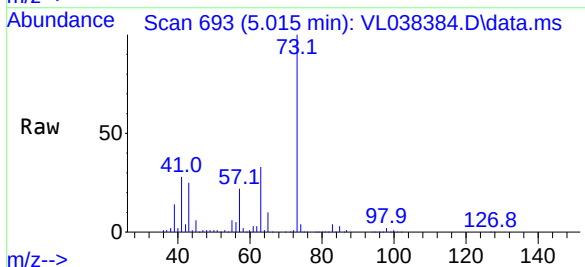
Manual Integrations
APPROVED

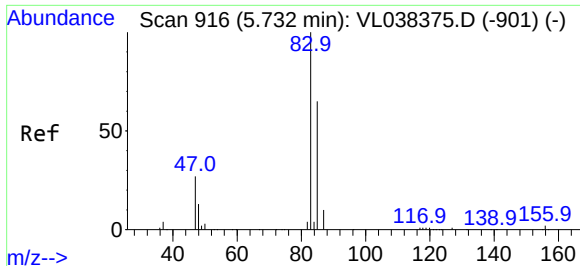
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#28
Methyl tert-Butyl Ether
Concen: 9.070 ppbv
RT: 5.015 min Scan# 693
Delta R.T. -0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

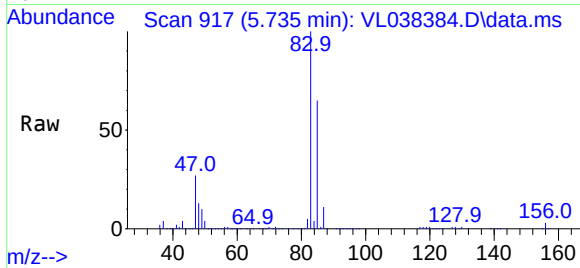
Tgt Ion: 73 Resp: 915757
Ion Ratio Lower Upper
73 100
57 23.6 18.2 27.4





#29
Chloroform
Concen: 9.626 ppbv
RT: 5.735 min Scan# 916
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

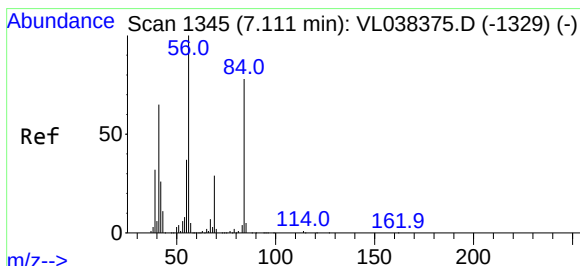
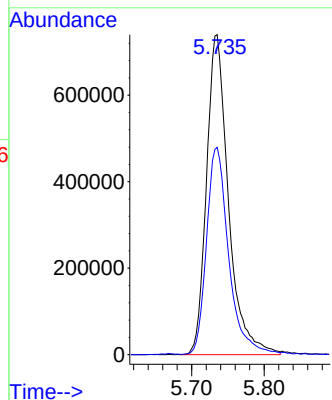
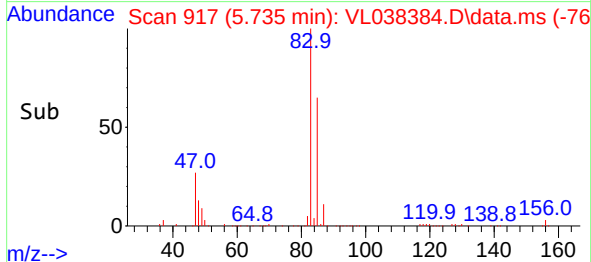
Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01



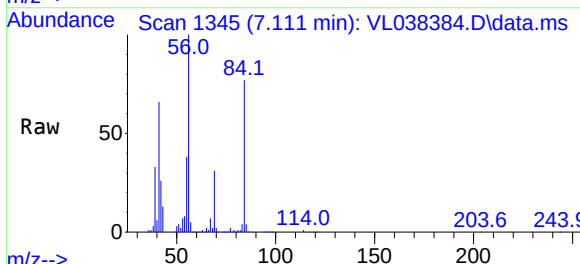
Tgt Ion: 83 Resp: 155739
Ion Ratio Lower Upper
83 100
85 64.7 51.6 77.4

Manual Integrations
APPROVED

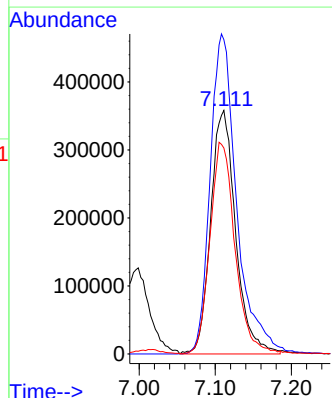
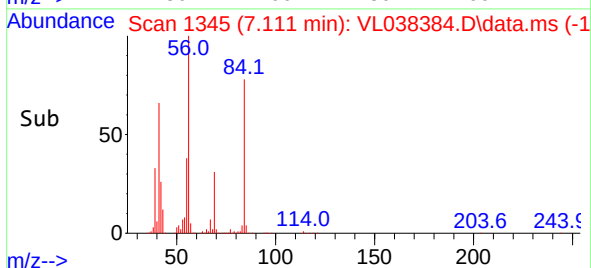
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

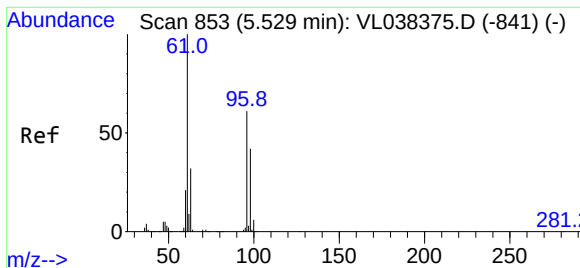


#30
Cyclohexane
Concen: 10.103 ppbv
RT: 7.111 min Scan# 1345
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44



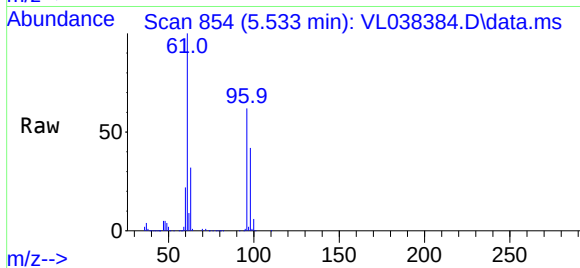
Tgt Ion: 84 Resp: 819061
Ion Ratio Lower Upper
84 100
56 139.9 116.2 174.4
41 87.6 74.3 111.5





#31
 cis-1,2-Dichloroethene
 Concen: 9.954 ppbv
 RT: 5.533 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VL038384.D
 Acq: 22 Feb 2022 10:44

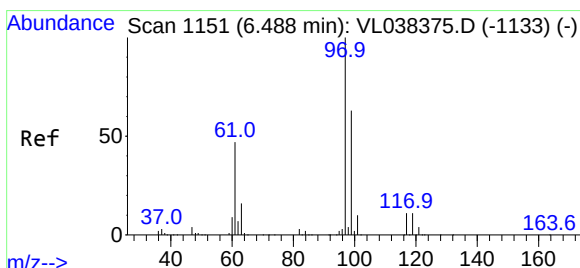
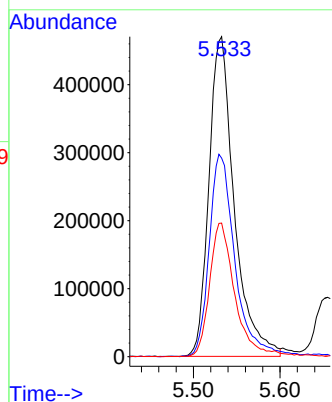
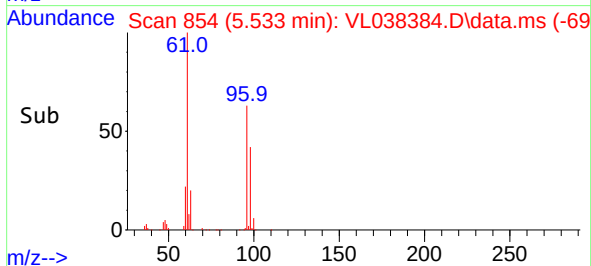
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0222ABS01



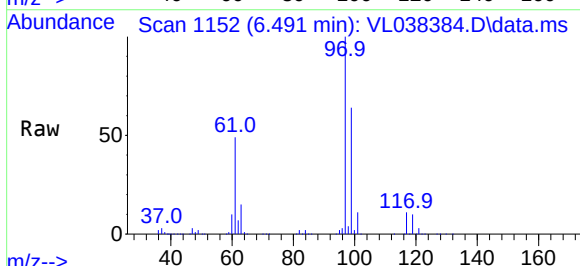
Tgt Ion: 61 Resp: 955922
 Ion Ratio Lower Upper
 61 100
 96 62.1 48.6 73.0
 98 41.7 33.2 49.8

Manual Integrations
 APPROVED

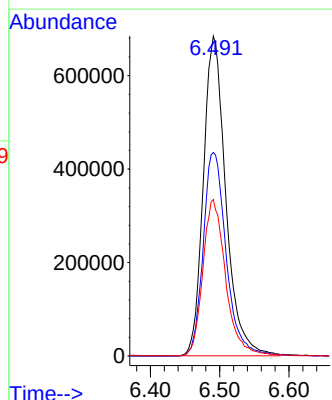
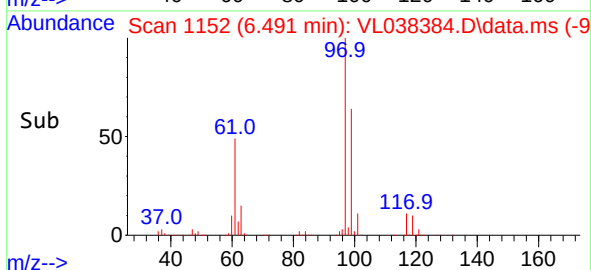
Reviewed By :Semsettin Yesilyurt 02/23/2022
 Supervised By :Amit Patel 02/23/2022

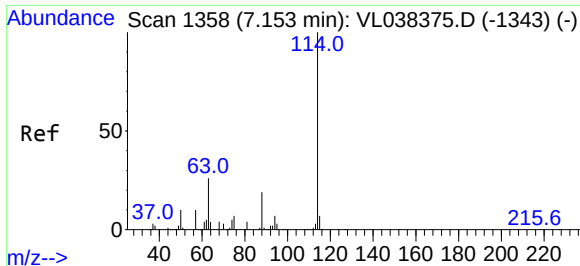


#32
 1,1,1-Trichloroethane
 Concen: 9.489 ppbv
 RT: 6.491 min Scan# 1152
 Delta R.T. 0.003 min
 Lab File: VL038384.D
 Acq: 22 Feb 2022 10:44



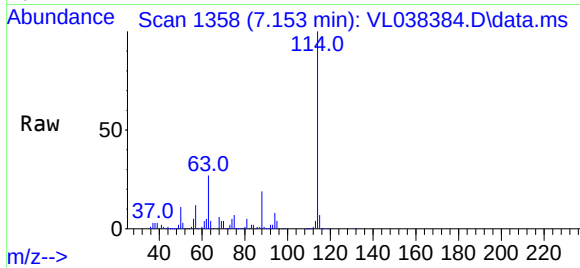
Tgt Ion: 97 Resp: 1543833
 Ion Ratio Lower Upper
 97 100
 99 65.4 51.9 77.9
 61 50.1 40.5 60.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.153 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

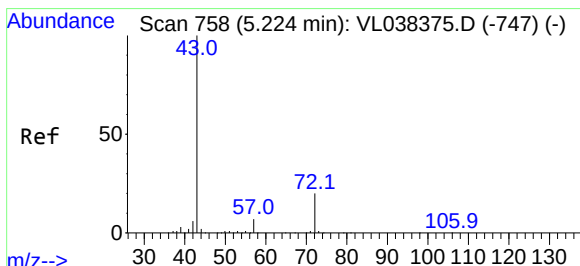
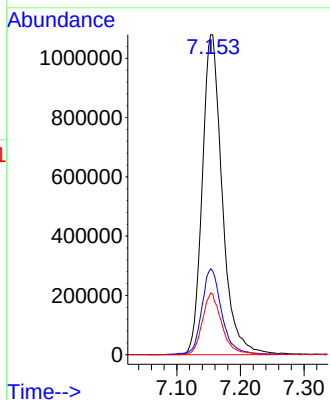
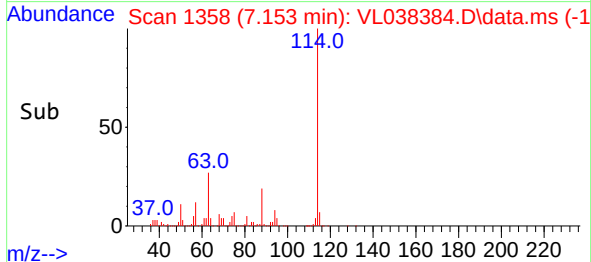
Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01



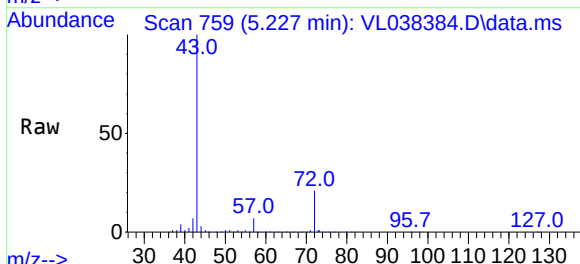
Tgt Ion:114 Resp: 2354810
Ion Ratio Lower Upper
114 100
63 27.0 22.2 33.2
88 18.8 15.2 22.8

Manual Integrations
APPROVED

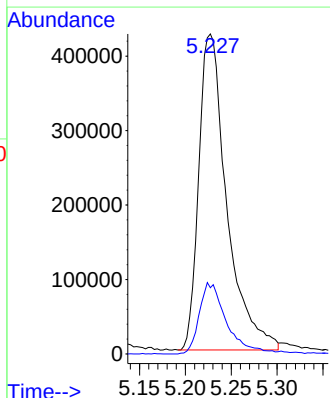
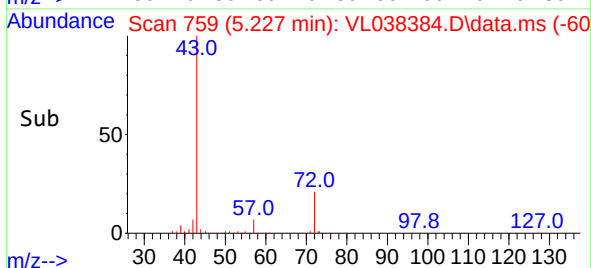
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

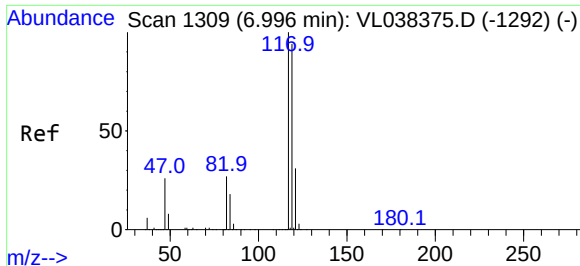


#34
2-Butanone
Concen: 12.201 ppbv
RT: 5.227 min Scan# 759
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44



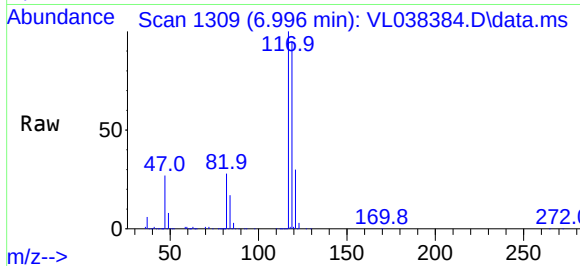
Tgt Ion: 43 Resp: 903603
Ion Ratio Lower Upper
43 100
72 22.6 17.4 26.2





#35
Carbon Tetrachloride
Concen: 9.714 ppbv
RT: 6.996 min Scan# 117
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

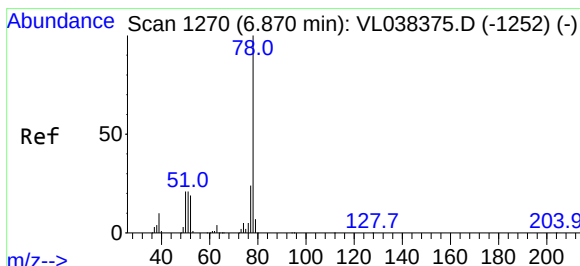
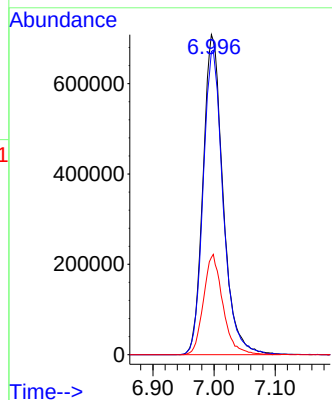
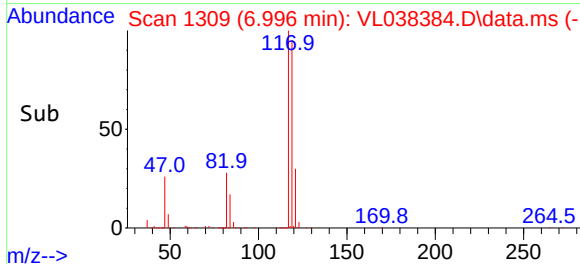
Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01



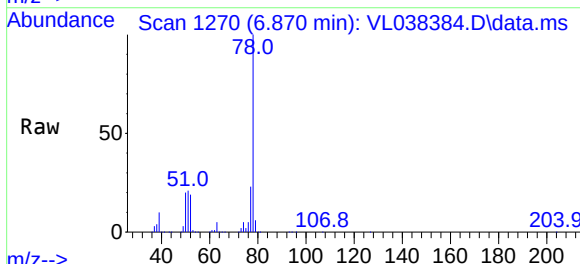
Tgt Ion:117 Resp: 160846
Ion Ratio Lower Upper
117 100
119 94.7 74.9 112.3
121 30.4 24.8 37.2

Manual Integrations
APPROVED

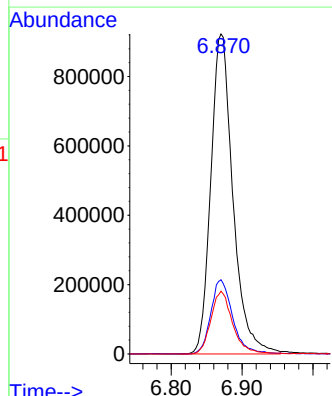
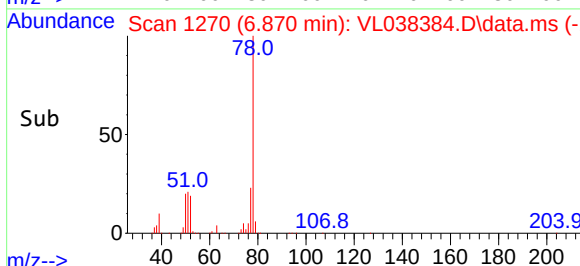
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

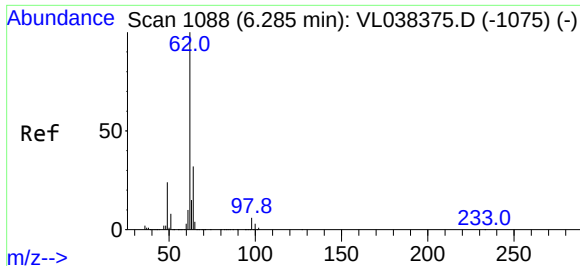


#36
Benzene
Concen: 9.641 ppbv
RT: 6.870 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44



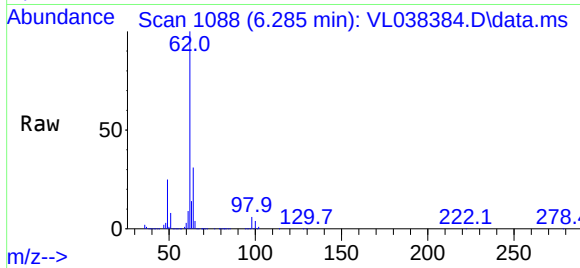
Tgt Ion: 78 Resp: 1998643
Ion Ratio Lower Upper
78 100
77 23.2 19.0 28.6
50 19.6 16.6 24.8





#37
1,2-Dichloroethane
Concen: 9.698 ppbv
RT: 6.285 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

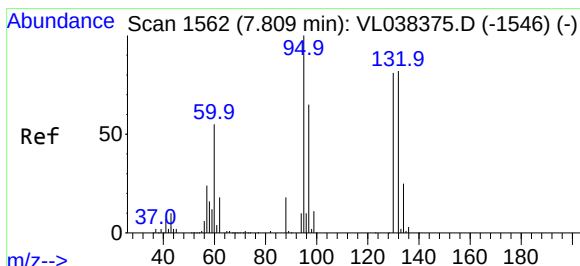
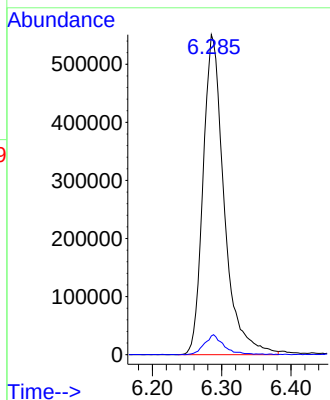
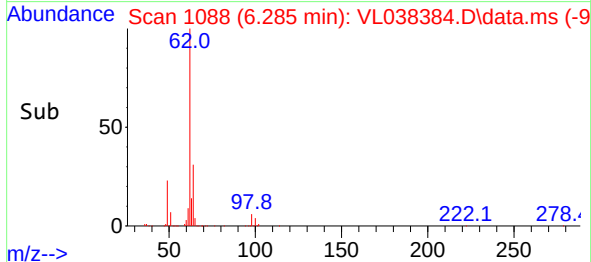
Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01



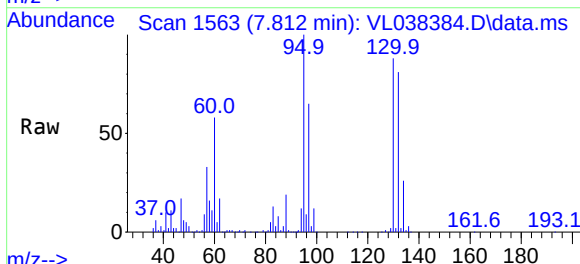
Tgt Ion: 62 Resp: 1161818
Ion Ratio Lower Upper
62 100
98 5.9 4.6 7.0

Manual Integrations
APPROVED

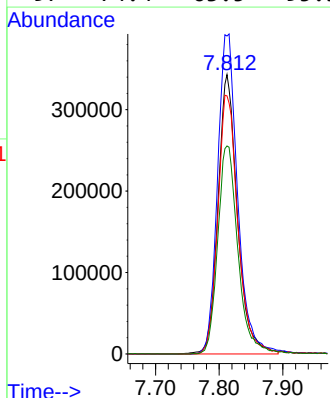
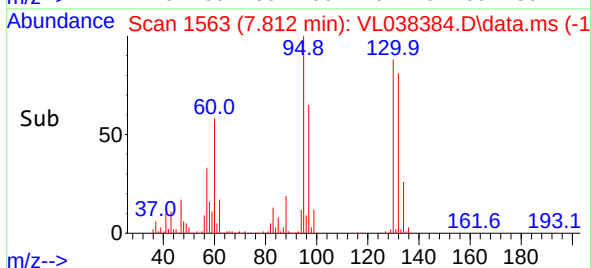
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

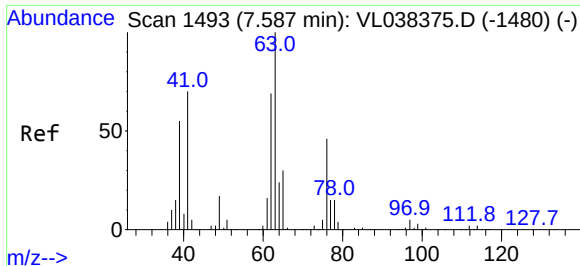


#38
Trichloroethene
Concen: 9.648 ppbv
RT: 7.812 min Scan# 1563
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44



Tgt Ion:130 Resp: 728535
Ion Ratio Lower Upper
130 100
95 113.8 98.1 147.1
132 92.4 80.3 120.5
97 74.4 63.5 95.3





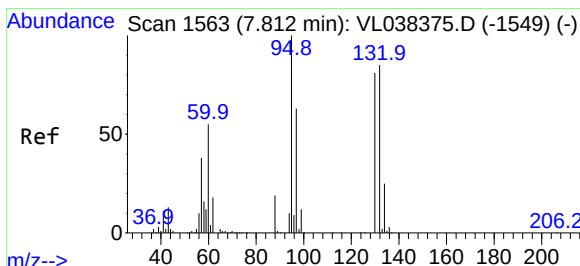
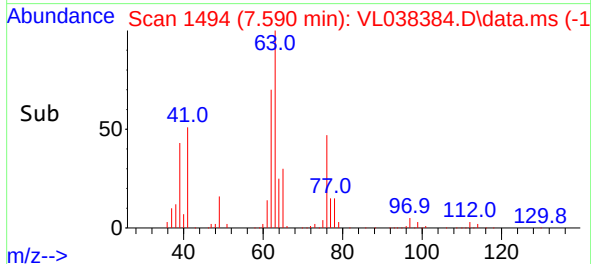
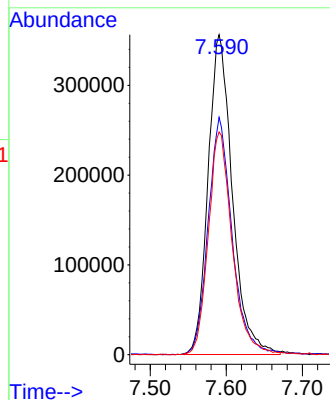
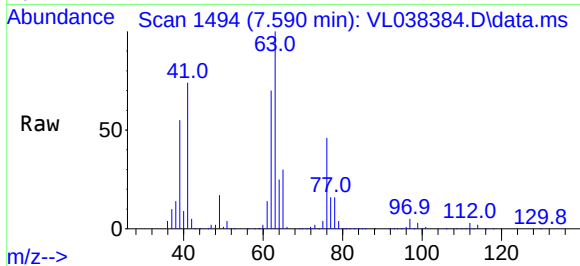
#39
1,2-Dichloropropane
Concen: 9.542 ppbv
RT: 7.590 min Scan# 1493
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01

Tgt Ion: 63 Resp: 787933
Ion Ratio Lower Upper
63 100
41 74.2 56.1 84.1
62 69.6 55.5 83.3

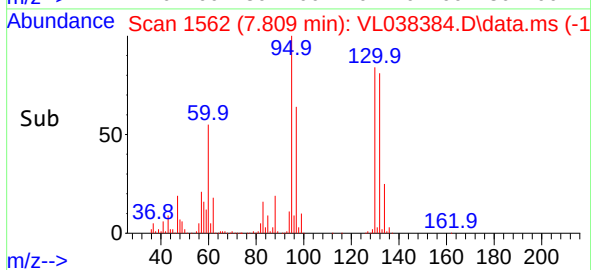
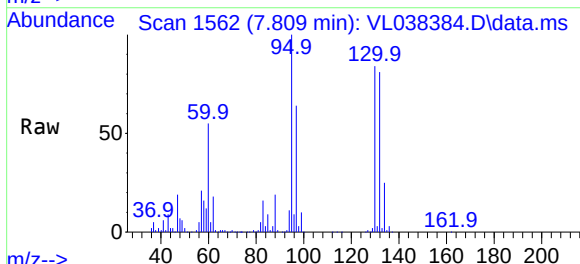
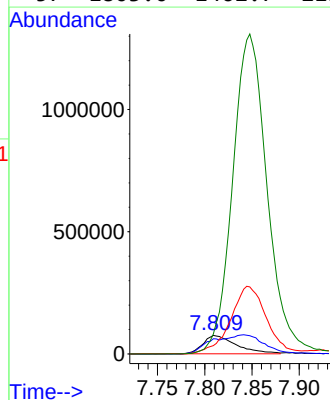
Manual Integrations
APPROVED

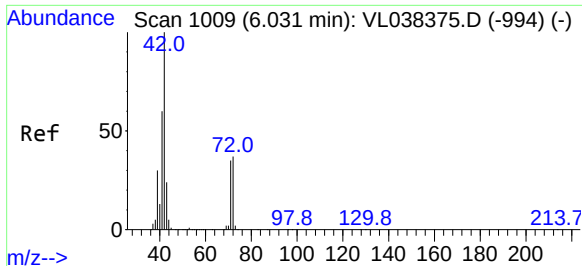
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#40
1,4-Dioxane
Concen: 9.483 ppbv
RT: 7.809 min Scan# 1562
Delta R.T. -0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

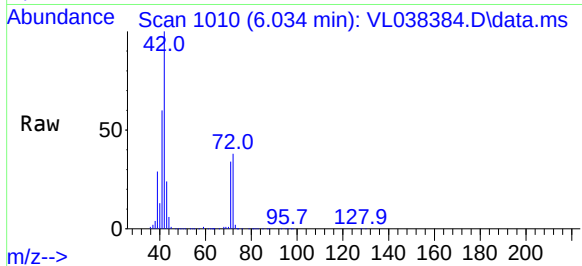
Tgt Ion: 88 Resp: 185717
Ion Ratio Lower Upper
88 100
58 163.3 133.2 199.8
43 409.6 330.6 496.0
57 1803.0 1462.7 2194.1





#41
Tetrahydrofuran
Concen: 9.928 ppbv
RT: 6.034 min Scan# 1009
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

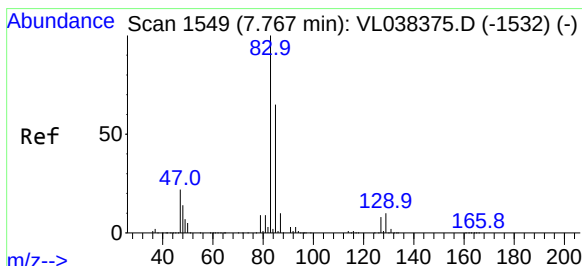
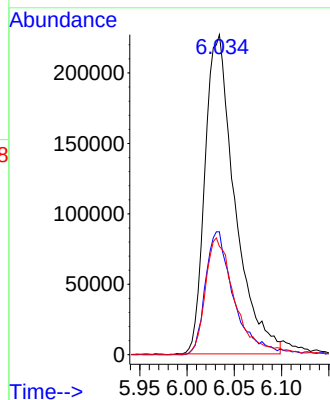
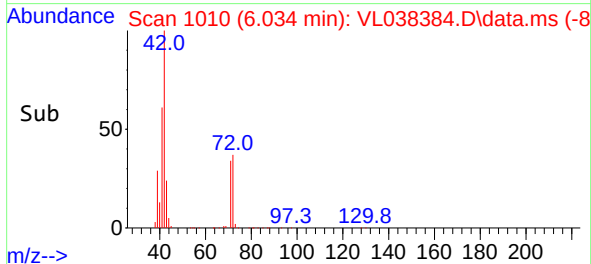
Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01



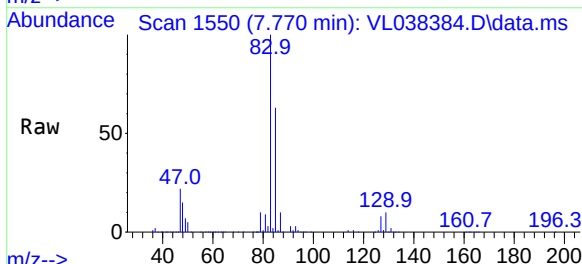
Tgt Ion: 42 Resp: 49677
Ion Ratio Lower Upper
42 100
72 37.9 29.9 44.9
71 37.2 28.6 42.8

Manual Integrations
APPROVED

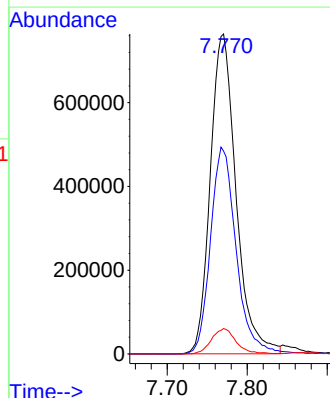
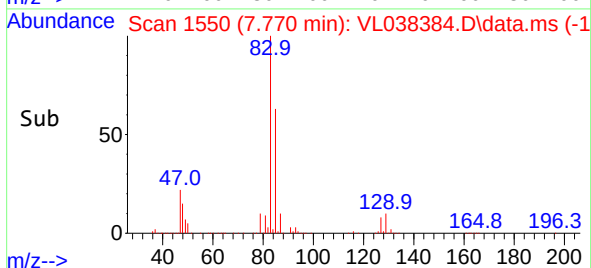
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

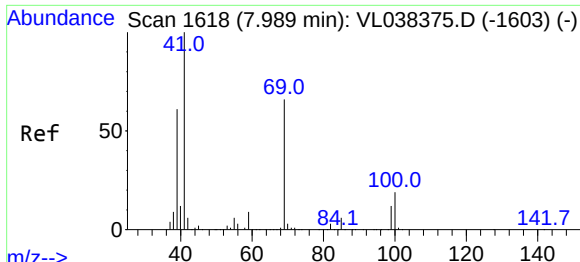


#42
Bromodichloromethane
Concen: 9.866 ppbv
RT: 7.770 min Scan# 1550
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44



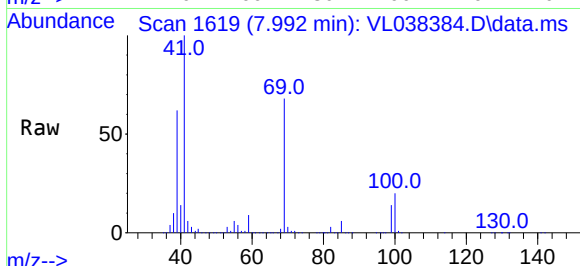
Tgt Ion: 83 Resp: 1706579
Ion Ratio Lower Upper
83 100
85 63.4 52.2 78.4
127 8.0 6.2 9.4





#43
Methyl Methacrylate
Concen: 10.371 ppbv
RT: 7.992 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

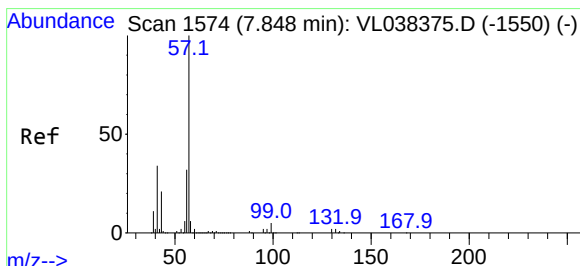
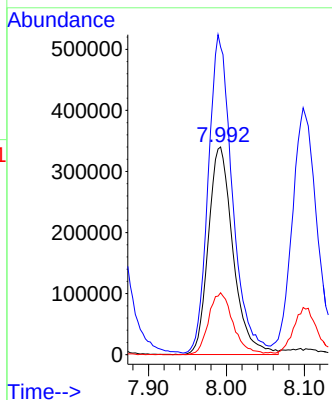
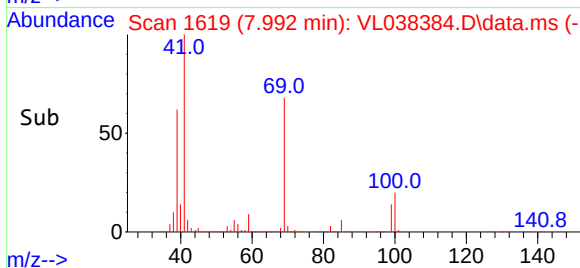
Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01



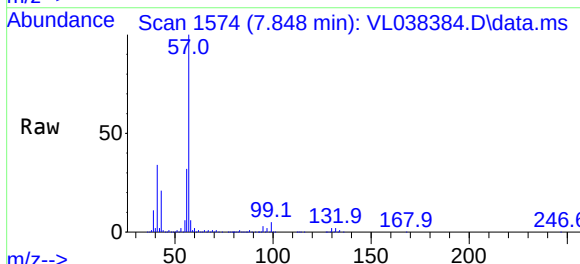
Tgt Ion: 69 Resp: 747395
Ion Ratio Lower Upper
69 100
41 151.2 122.9 184.3
100 29.6 23.6 35.4

Manual Integrations
APPROVED

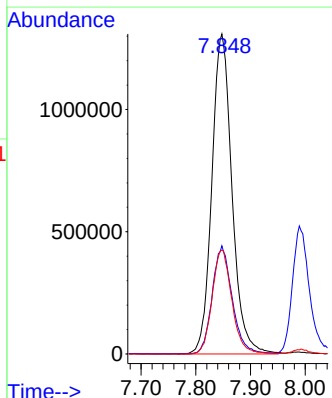
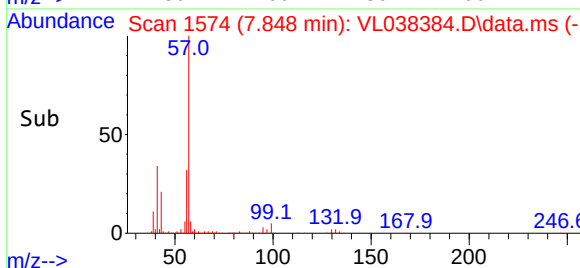
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

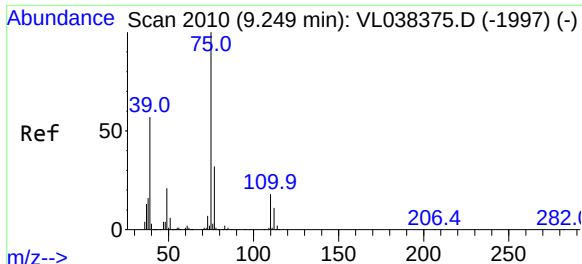


#44
2,2,4-Trimethylpentane
Concen: 9.391 ppbv
RT: 7.848 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44



Tgt Ion: 57 Resp: 3346295
Ion Ratio Lower Upper
57 100
41 33.5 26.6 39.8
56 31.8 25.0 37.6





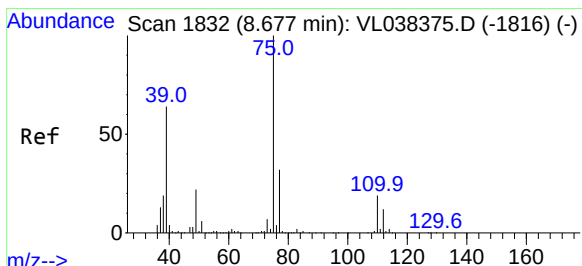
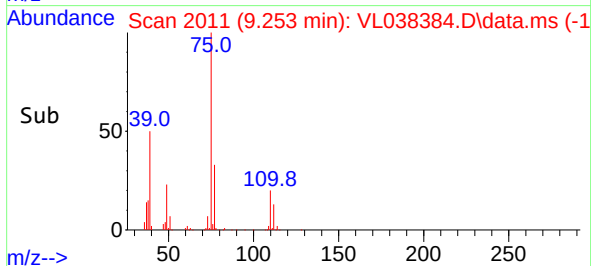
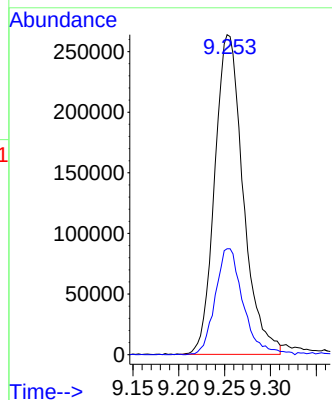
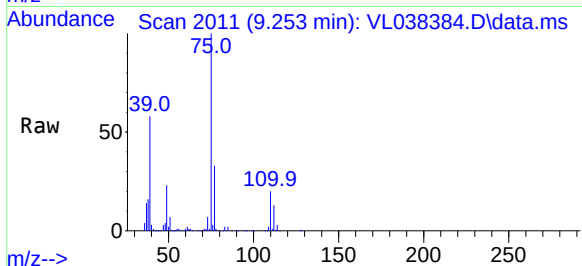
#45
t-1,3-Dichloropropene
Concen: 9.871 ppbv
RT: 9.253 min Scan# 2010
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01

Tgt Ion: 75 Resp: 568530
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.0

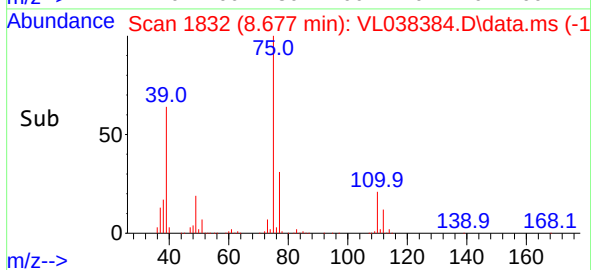
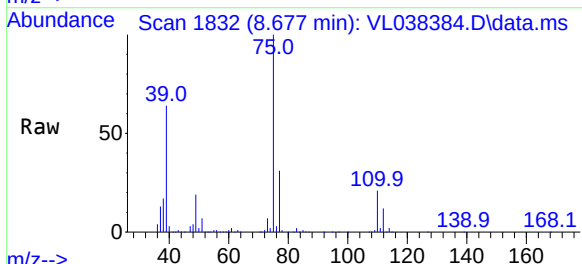
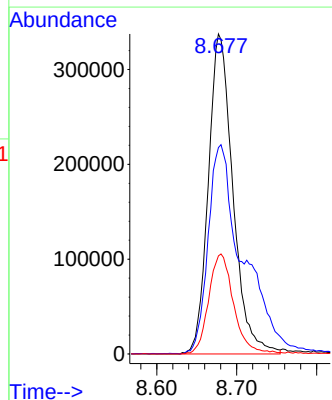
Manual Integrations
APPROVED

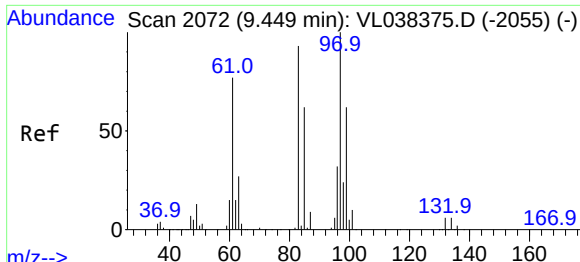
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#46
cis-1,3-Dichloropropene
Concen: 9.546 ppbv
RT: 8.677 min Scan# 1832
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

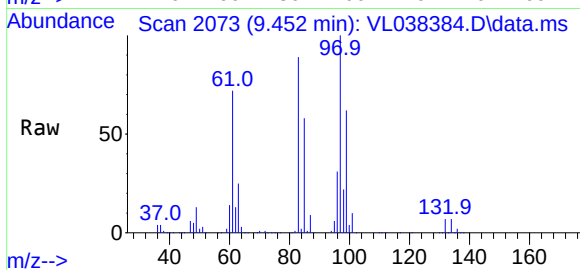
Tgt Ion: 75 Resp: 720589
Ion Ratio Lower Upper
75 100
39 64.2 51.4 77.2
77 30.7 25.4 38.2





#47
1,1,2-Trichloroethane
Concen: 9.712 ppbv
RT: 9.452 min Scan# 2072
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

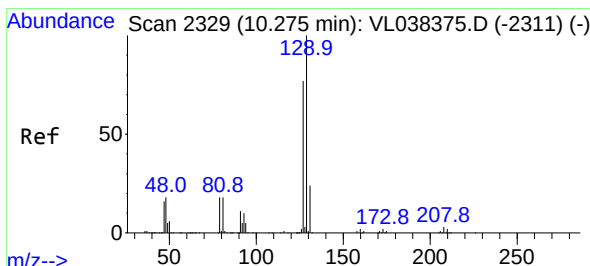
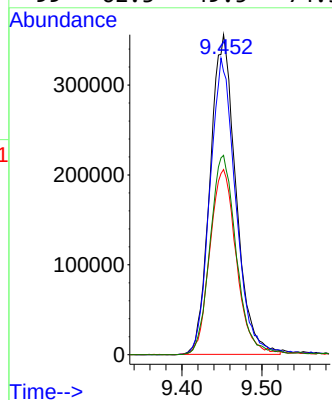
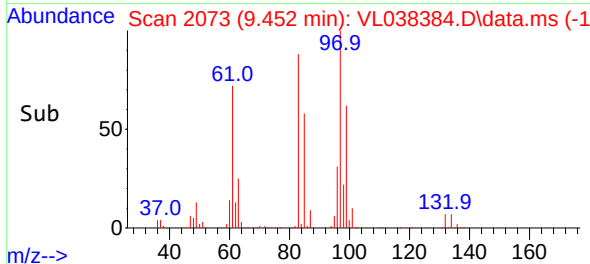
Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01



Tgt Ion: 97 Resp: 797830
Ion Ratio Lower Upper
97 100
83 88.5 74.2 111.4
85 57.8 49.8 74.8
99 62.3 49.5 74.3

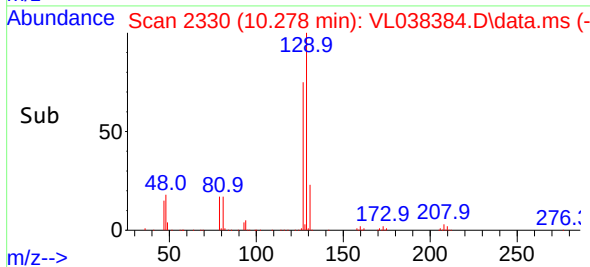
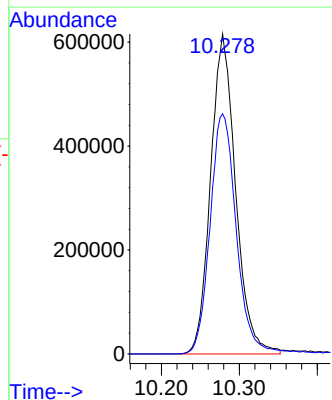
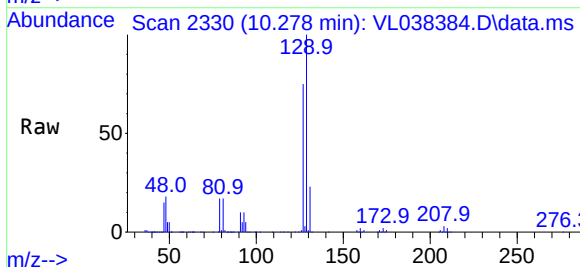
Manual Integrations
APPROVED

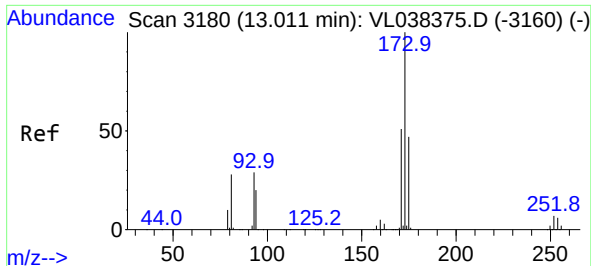
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#48
Dibromochloromethane
Concen: 10.210 ppbv
RT: 10.278 min Scan# 2330
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

Tgt Ion:129 Resp: 1371416
Ion Ratio Lower Upper
129 100
127 79.7 39.4 118.1





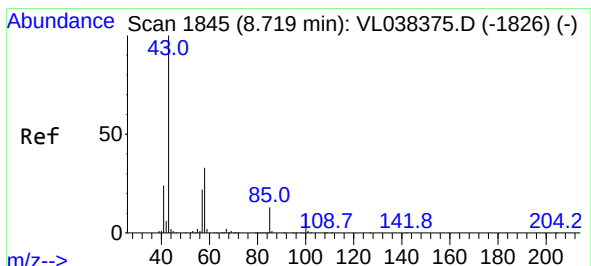
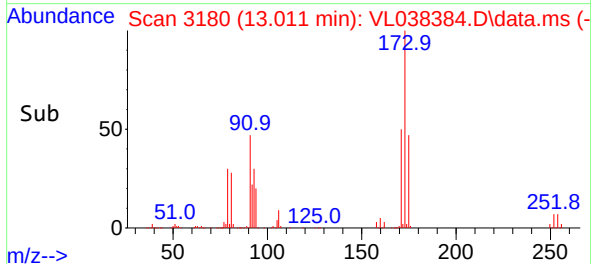
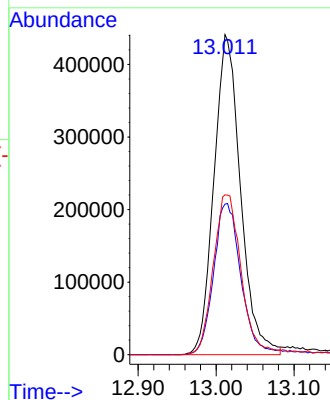
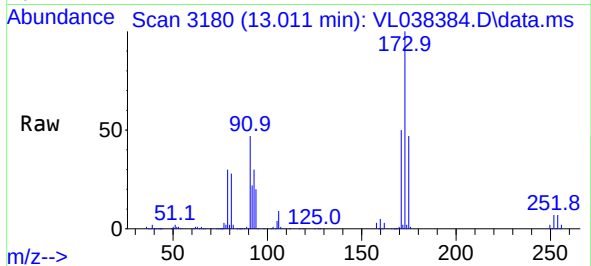
#49
Bromoform
Concen: 10.542 ppbv
RT: 13.011 min Scan# 3180
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01

Tgt Ion:173 Resp: 1045239
Ion Ratio Lower Upper
173 100
175 49.6 40.2 60.2
171 53.4 42.7 64.1

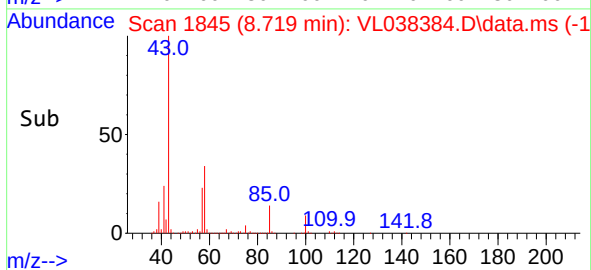
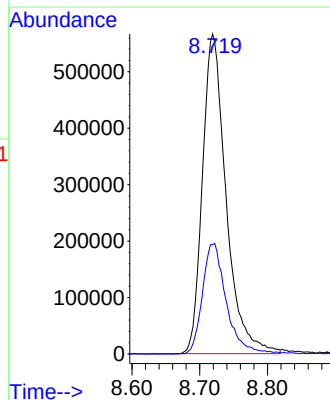
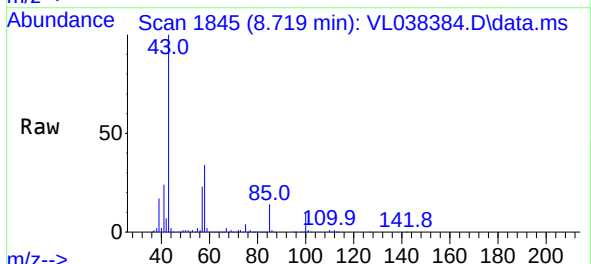
Manual Integrations
APPROVED

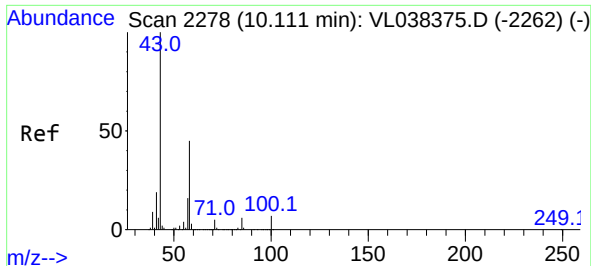
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#50
4-Methyl-2-Pentanone
Concen: 10.469 ppbv
RT: 8.719 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

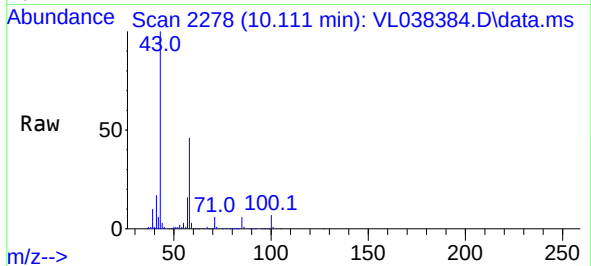
Tgt Ion: 43 Resp: 1370762
Ion Ratio Lower Upper
43 100
58 35.3 27.7 41.5





#51
2-Hexanone
Concen: 10.425 ppbv
RT: 10.111 min Scan# 2278
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

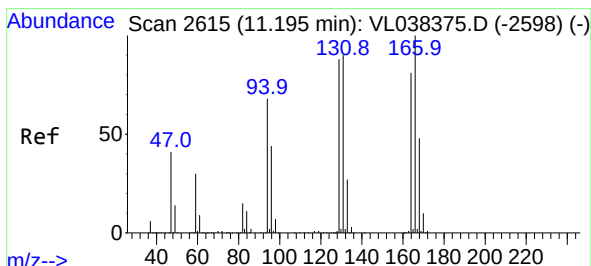
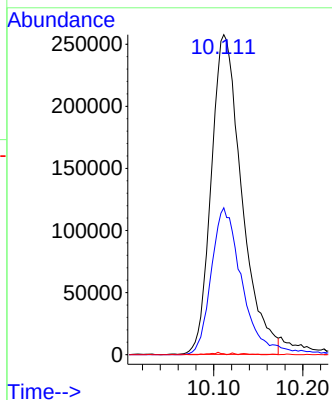
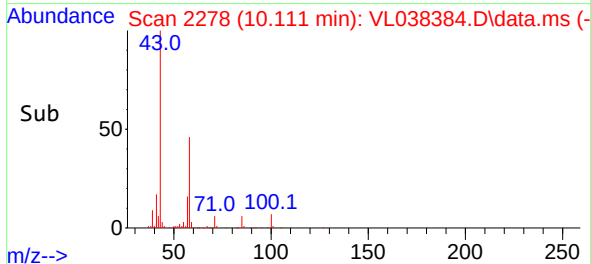
Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01



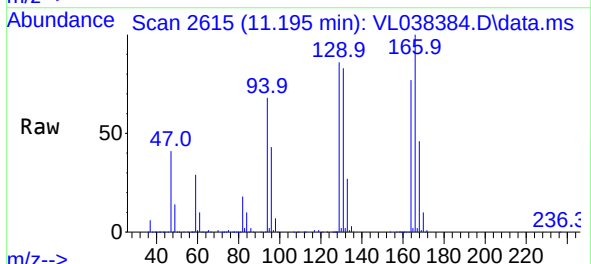
Tgt Ion: 43 Resp: 611160
Ion Ratio Lower Upper
43 100
58 47.4 37.4 56.0
98 0.4 0.1 0.1

Manual Integrations
APPROVED

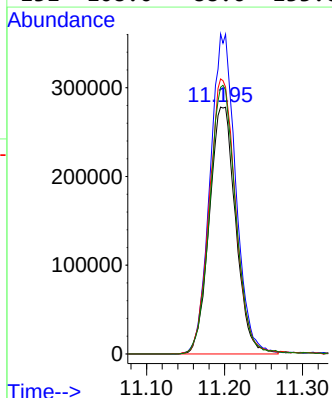
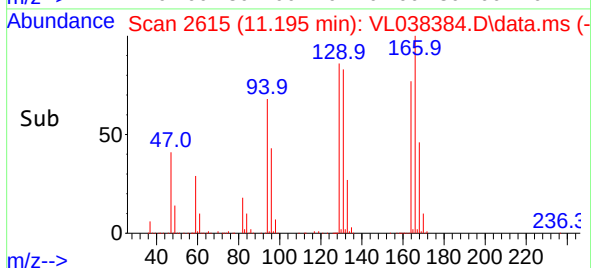
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

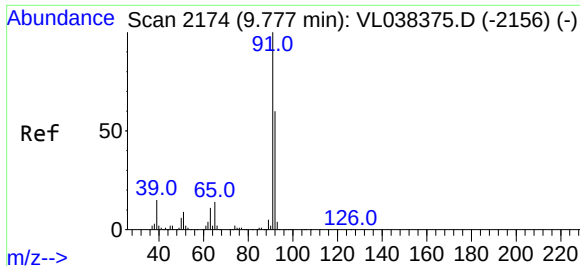


#52
Tetrachloroethene
Concen: 9.468 ppbv
RT: 11.195 min Scan# 2615
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44



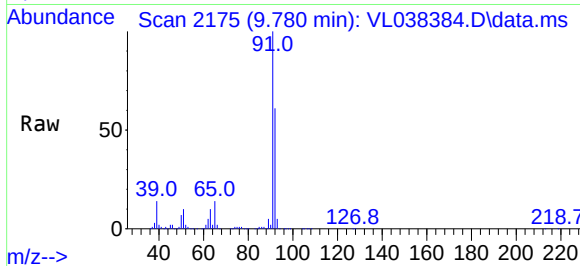
Tgt Ion:164 Resp: 651537
Ion Ratio Lower Upper
164 100
166 129.5 98.6 148.0
129 111.3 86.9 130.3
131 108.0 88.6 133.0





#53
Toluene
Concen: 10.031 ppbv
RT: 9.780 min Scan# 2174
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

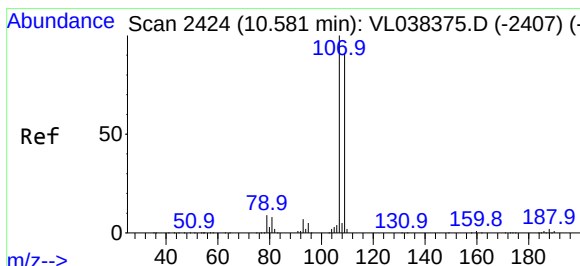
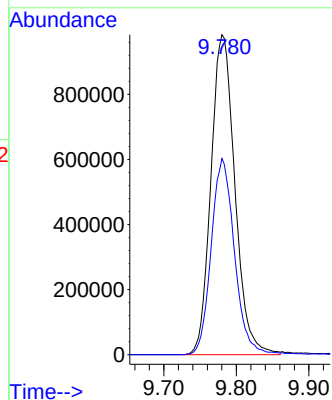
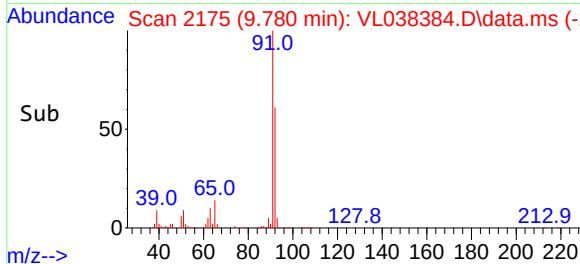
Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01



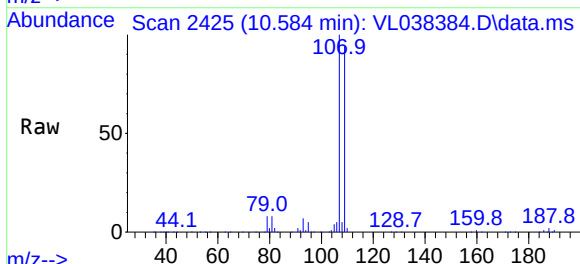
Tgt Ion: 91 Resp: 2257819
Ion Ratio Lower Upper
91 100
92 60.1 48.2 72.4

Manual Integrations
APPROVED

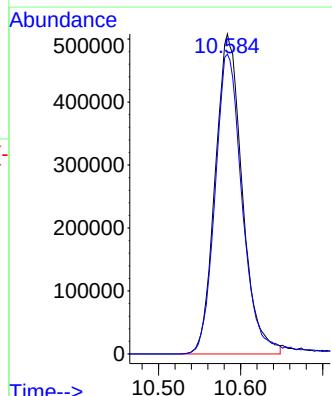
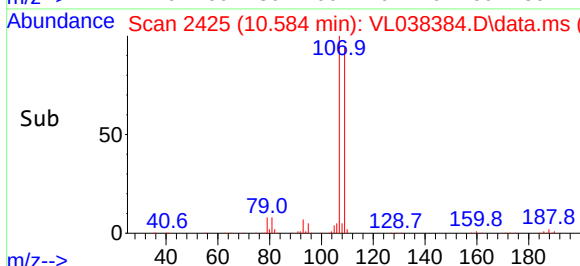
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

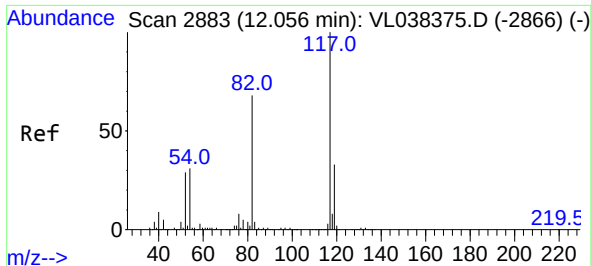


#54
1,2-Dibromoethane
Concen: 10.058 ppbv
RT: 10.584 min Scan# 2425
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44



Tgt Ion:107 Resp: 1163070
Ion Ratio Lower Upper
107 100
109 93.7 73.0 109.6





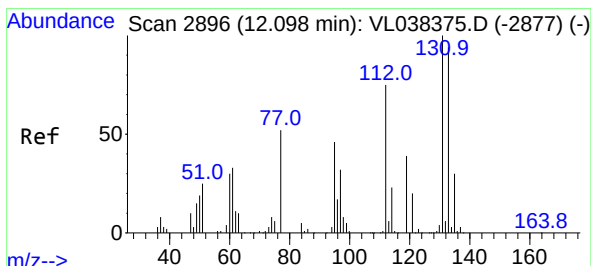
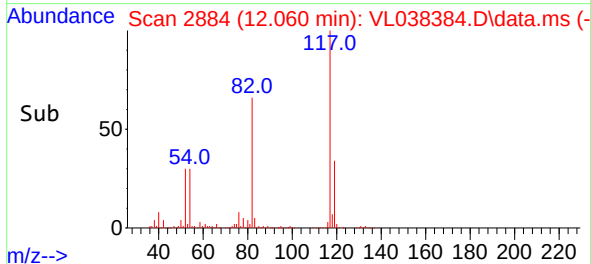
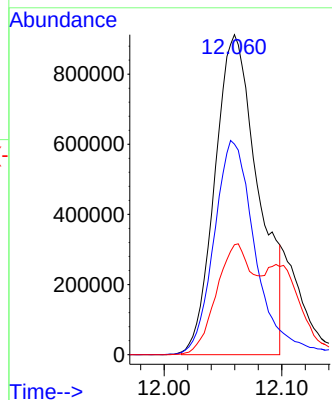
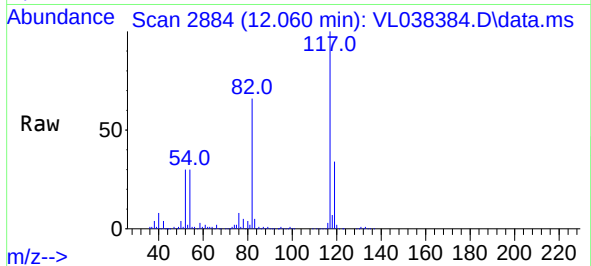
#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.060 min Scan# 2884
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01

Tgt Ion:117 Resp: 234114
Ion Ratio Lower Upper
117 100
82 66.5 54.9 82.3
119 55.4 46.1 69.1

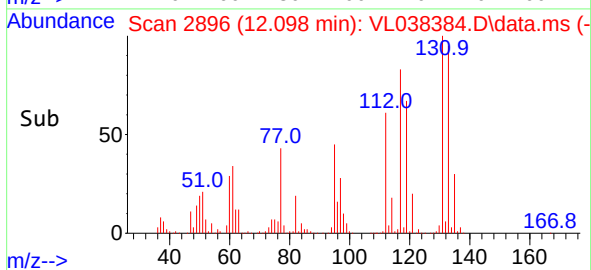
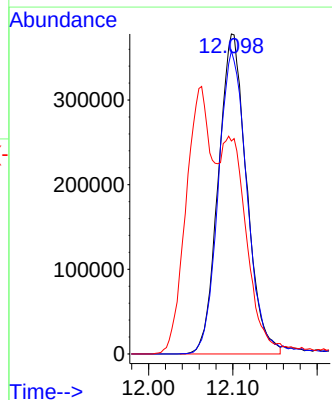
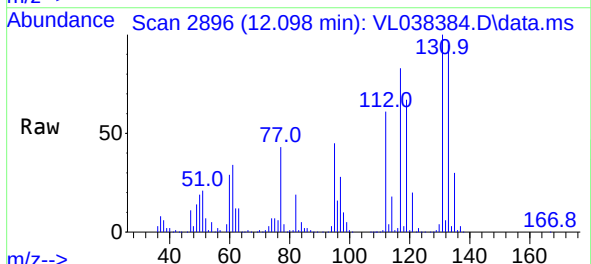
Manual Integrations
APPROVED

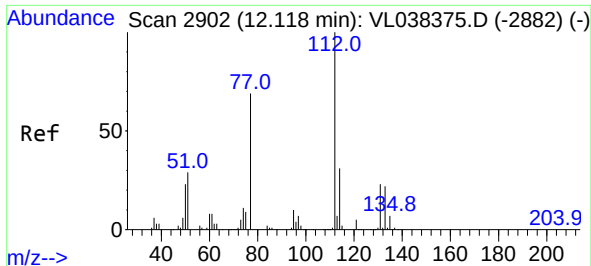
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 9.003 ppbv
RT: 12.098 min Scan# 2896
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

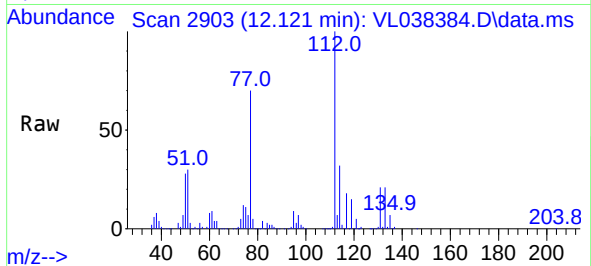
Tgt Ion:131 Resp: 878501
Ion Ratio Lower Upper
131 100
133 99.5 77.3 115.9
119 62.0 48.6 73.0





#57
Chlorobenzene
Concen: 8.707 ppbv
RT: 12.121 min Scan# 2903
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

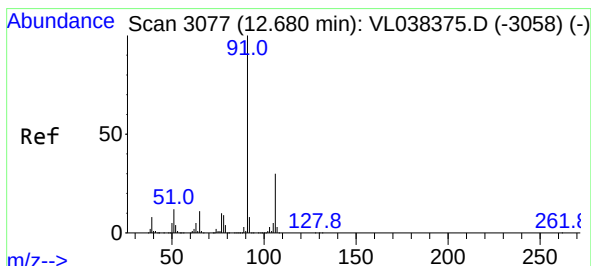
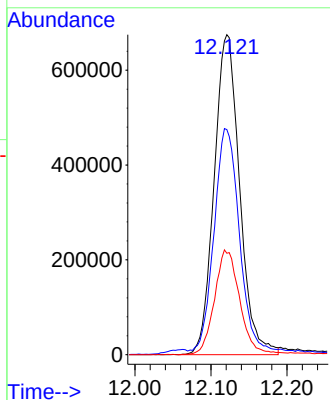
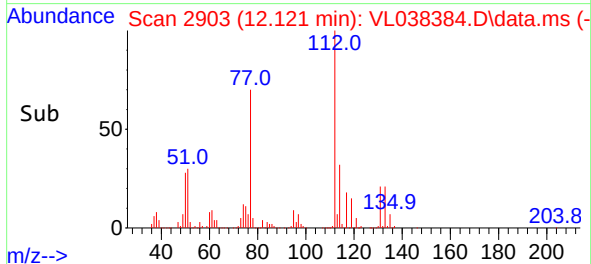
Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01



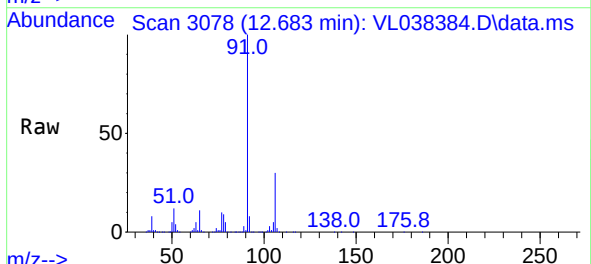
Tgt Ion: 112 Resp: 1572720
Ion Ratio Lower Upper
112 100
77 68.8 55.2 82.8
114 31.7 27.9 34.1

Manual Integrations
APPROVED

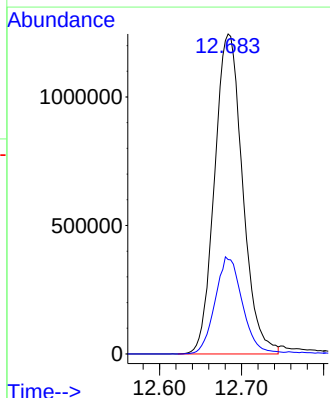
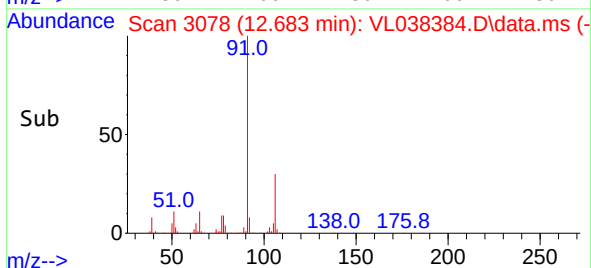
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

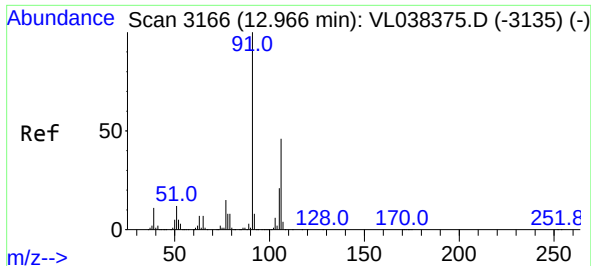


#58
Ethyl Benzene
Concen: 9.240 ppbv
RT: 12.683 min Scan# 3078
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44



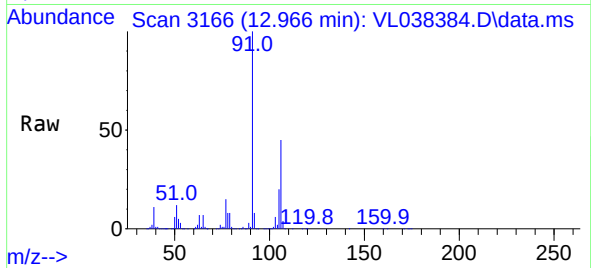
Tgt Ion: 91 Resp: 2958205
Ion Ratio Lower Upper
91 100
106 29.5 24.0 36.0





#59
m/p-Xylene
Concen: 18.449 ppbv m
RT: 12.966 min Scan# 3166
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

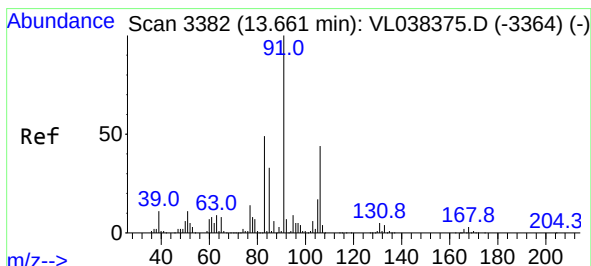
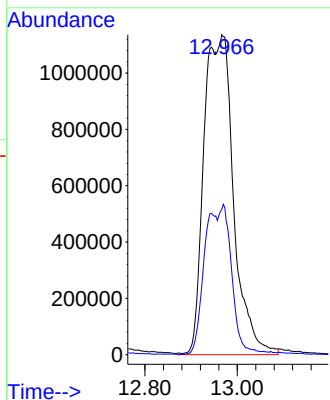
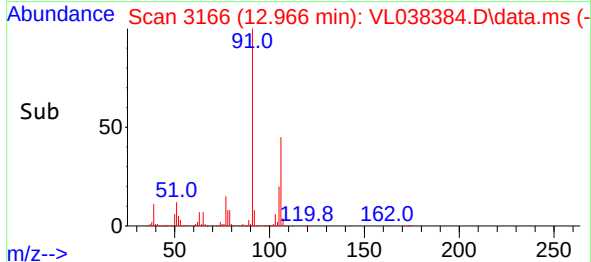
Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01



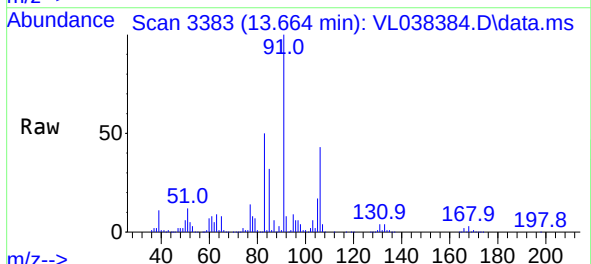
Tgt Ion: 91 Resp: 507253
Ion Ratio Lower Upper
91 100
106 43.1 34.4 51.6

Manual Integrations
APPROVED

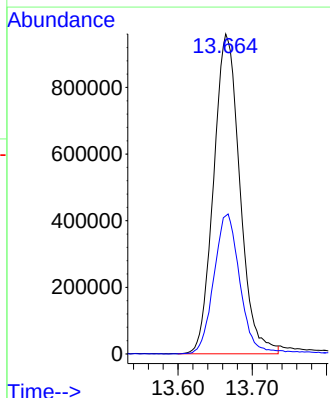
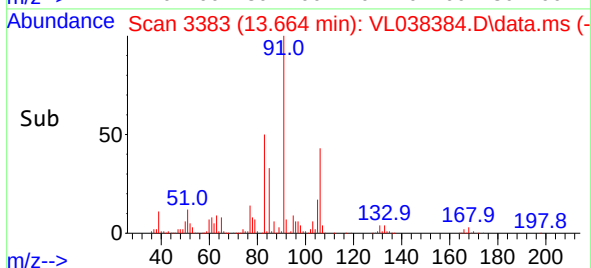
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

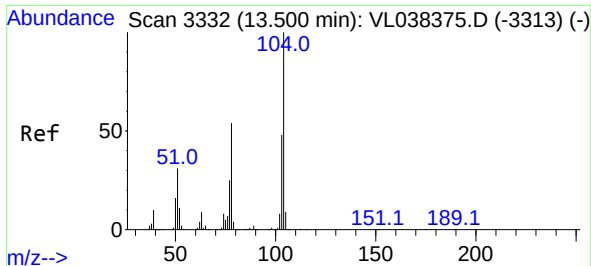


#60
o-Xylene
Concen: 9.080 ppbv
RT: 13.664 min Scan# 3383
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44



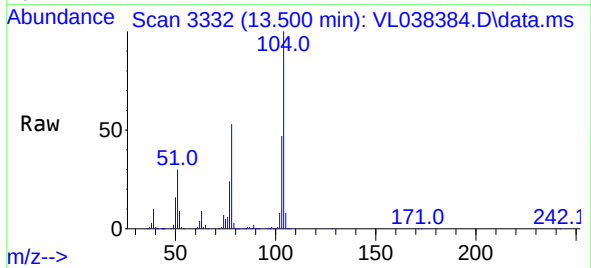
Tgt Ion: 91 Resp: 2359997
Ion Ratio Lower Upper
91 100
106 44.4 21.9 65.5





#61
Styrene
Concen: 10.132 ppbv
RT: 13.500 min Scan# 311
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

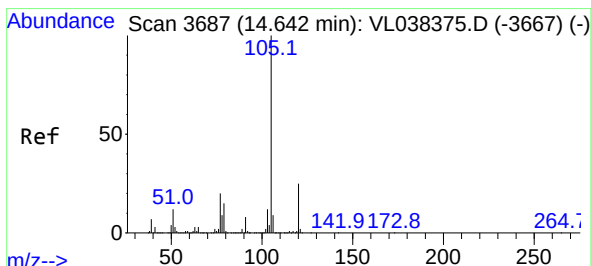
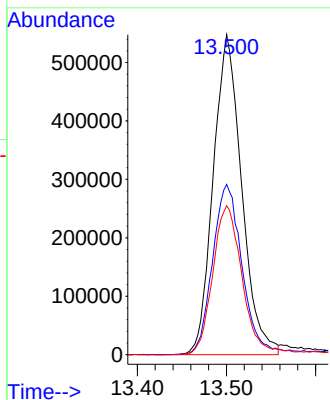
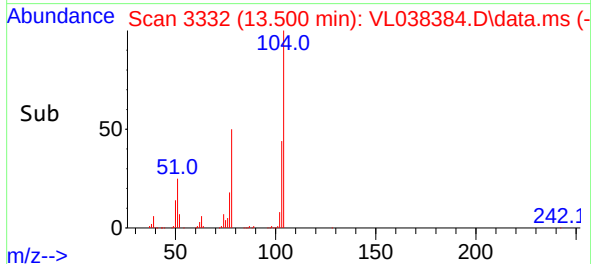
Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01



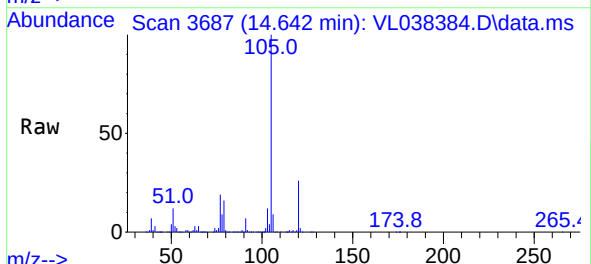
Tgt Ion:104 Resp: 1214608
Ion Ratio Lower Upper
104 100
78 56.6 44.2 66.4
103 48.6 38.4 57.6

Manual Integrations
APPROVED

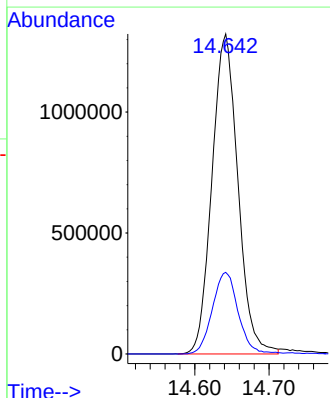
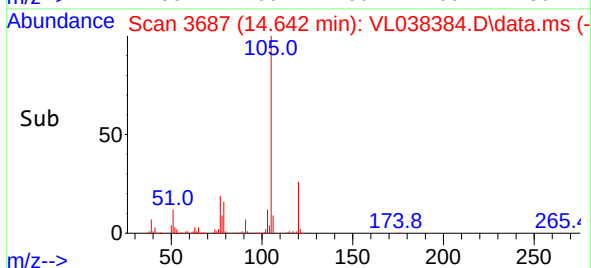
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

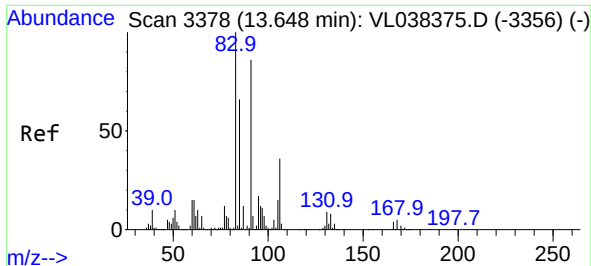


#62
Isopropylbenzene
Concen: 9.197 ppbv
RT: 14.642 min Scan# 3687
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44



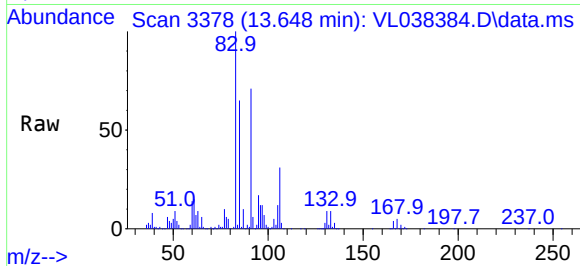
Tgt Ion:105 Resp: 3208135
Ion Ratio Lower Upper
105 100
120 25.8 20.6 30.8





#63
1,1,2,2-Tetrachloroethane
Concen: 8.387 ppbv
RT: 13.648 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

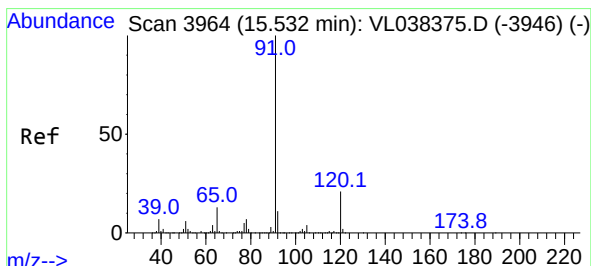
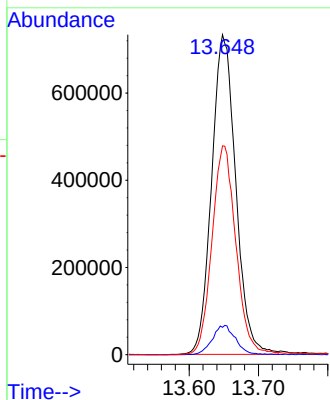
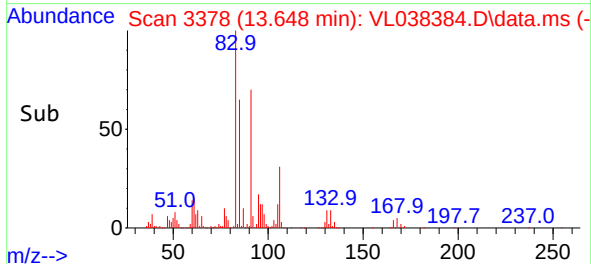
Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01



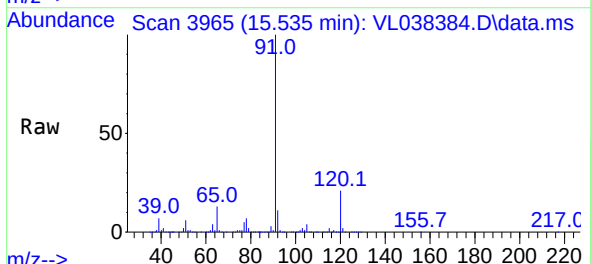
Tgt Ion: 83 Resp: 177106
Ion Ratio Lower Upper
83 100
131 8.9 4.5 13.7
85 65.6 33.0 99.0

Manual Integrations
APPROVED

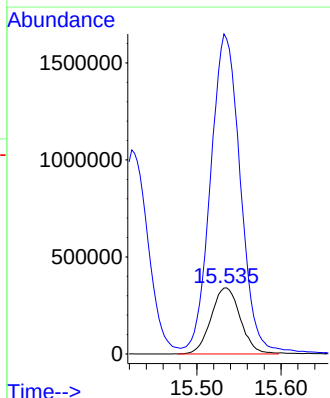
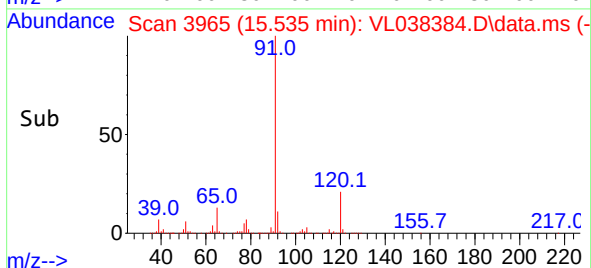
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

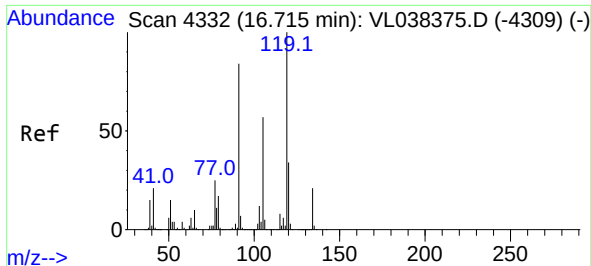


#64
n-propylbenzene
Concen: 9.462 ppbv
RT: 15.535 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44



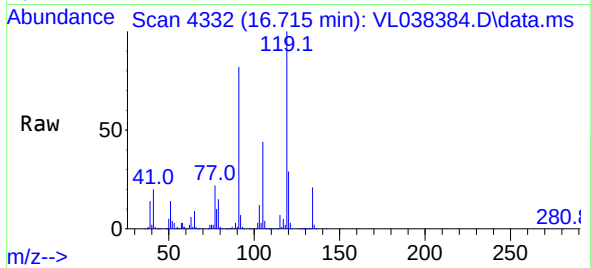
Tgt Ion:120 Resp: 817207
Ion Ratio Lower Upper
120 100
91 499.7 388.1 582.1





#65
tert-Butylbenzene
Concen: 9.400 ppbv
RT: 16.715 min Scan# 411
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

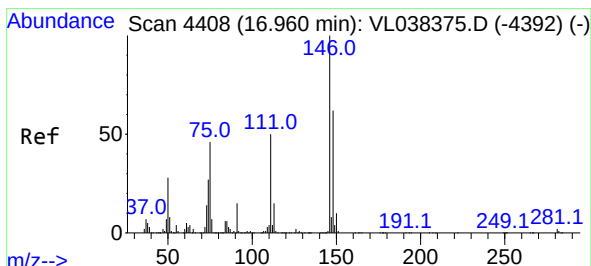
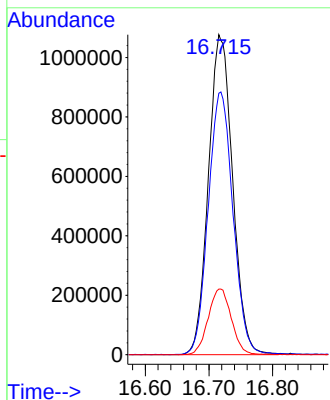
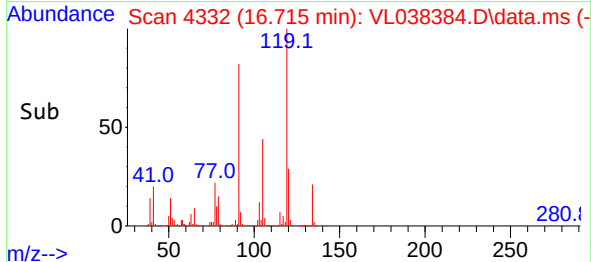
Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01



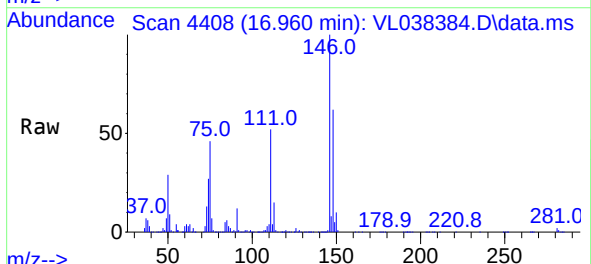
Tgt Ion: 119 Resp: 284028
Ion Ratio Lower Upper
119 100
91 84.3 68.0 102.0
134 19.7 15.8 23.8

Manual Integrations
APPROVED

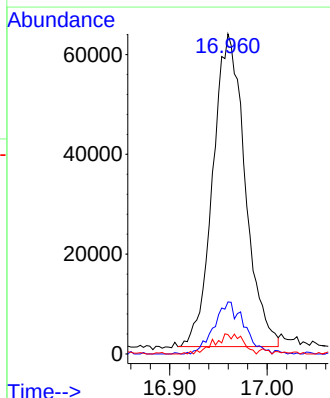
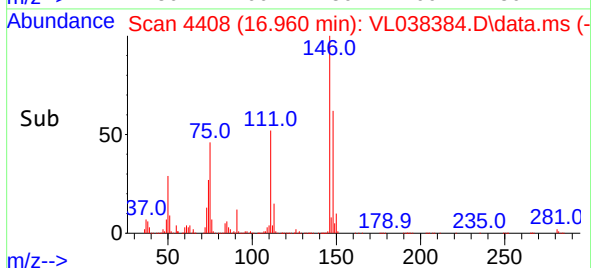
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

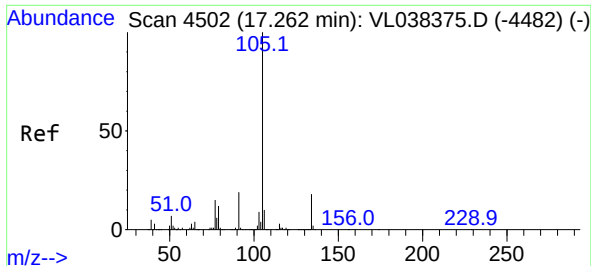


#66
Benzyl Chloride
Concen: 8.811 ppbv
RT: 16.960 min Scan# 4408
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44



Tgt Ion: 91 Resp: 143851
Ion Ratio Lower Upper
91 100
126 15.9 12.3 18.5
128 6.4 4.2 6.4#





#67
 sec-Butylbenzene
 Concen: 9.334 ppbv
 RT: 17.265 min Scan# 41
 Delta R.T. 0.003 min
 Lab File: VL038384.D
 Acq: 22 Feb 2022 10:44

Instrument :

MSVOA_L

ClientSampleId :

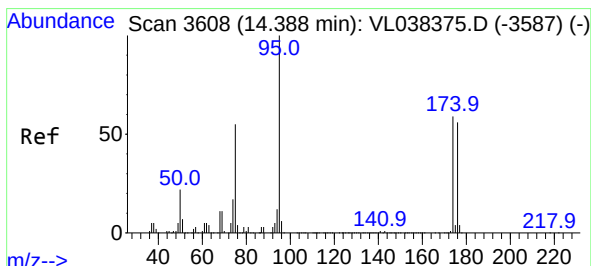
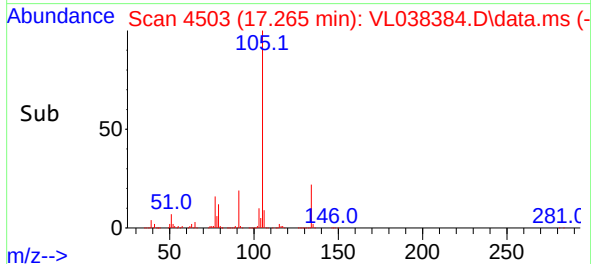
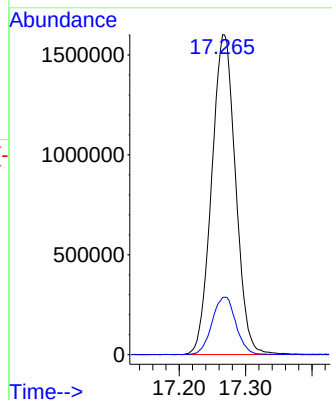
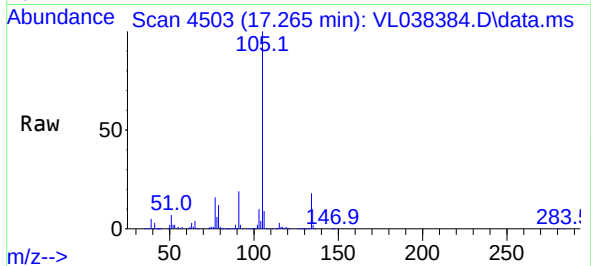
VL0222ABS01

Tgt Ion:105 Resp: 399562
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.6 21.8

Manual Integrations

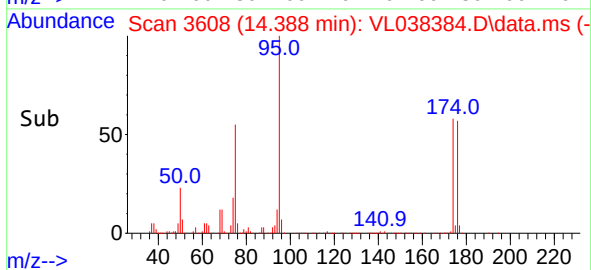
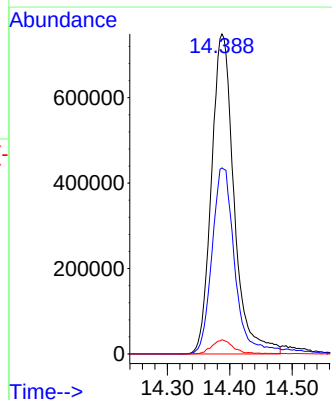
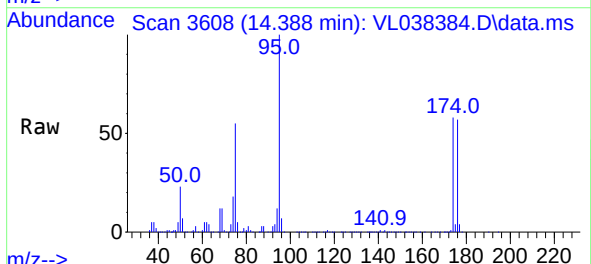
APPROVED

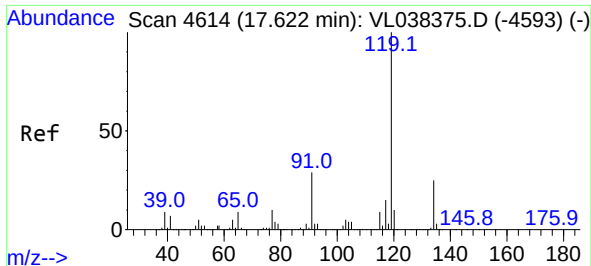
Reviewed By :Semsettin Yesilyurt 02/23/2022
 Supervised By :Amit Patel 02/23/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.740 ppbv
 RT: 14.388 min Scan# 3608
 Delta R.T. 0.000 min
 Lab File: VL038384.D
 Acq: 22 Feb 2022 10:44

Tgt Ion: 95 Resp: 1886751
 Ion Ratio Lower Upper
 95 100
 174 60.2 49.0 73.4
 175 4.2 3.6 5.4





#69
p-Isopropyltoluene
Concen: 9.822 ppbv
RT: 17.625 min Scan# 4615
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

Instrument :

MSVOA_L

ClientSampleId :

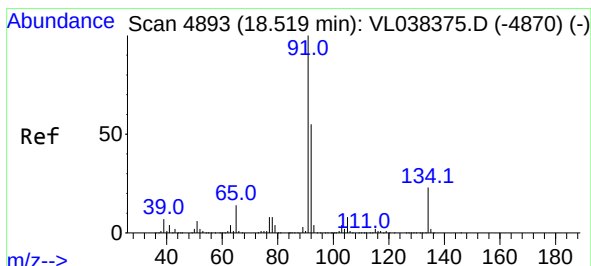
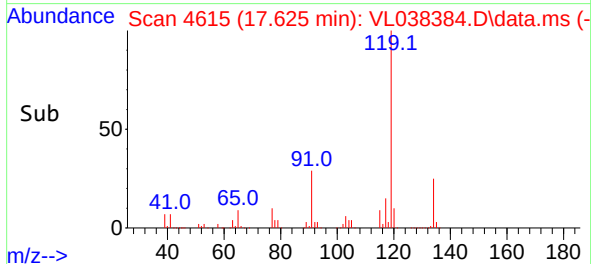
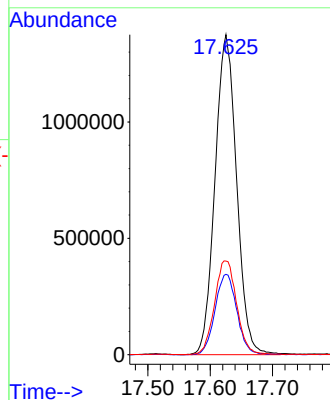
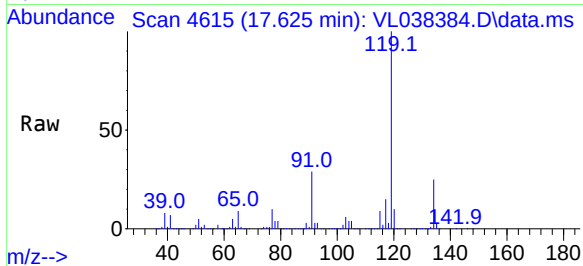
VL0222ABS01

Tgt Ion: 119 Resp: 330276
Ion Ratio Lower Upper
119 100
134 25.5 20.4 30.6
91 30.0 23.8 35.8

Manual Integrations

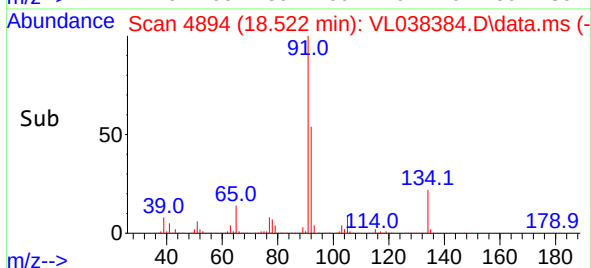
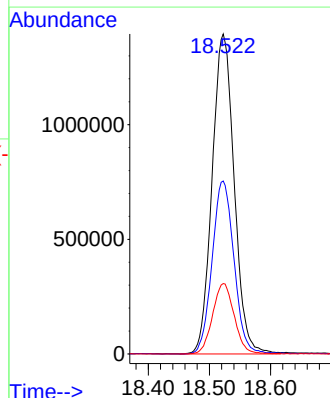
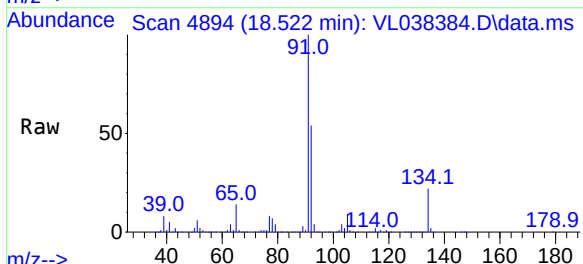
APPROVED

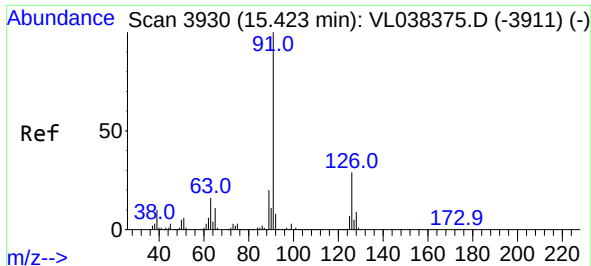
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#70
n-Butylbenzene
Concen: 10.045 ppbv
RT: 18.522 min Scan# 4894
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

Tgt Ion: 91 Resp: 3495616
Ion Ratio Lower Upper
91 100
92 53.8 43.1 64.7
134 21.7 17.4 26.0





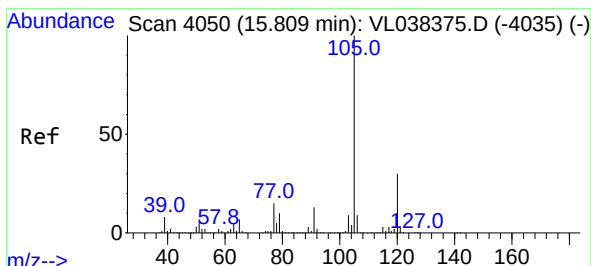
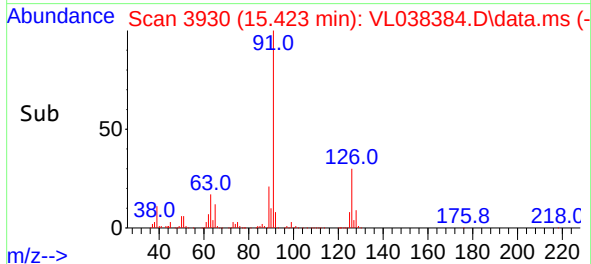
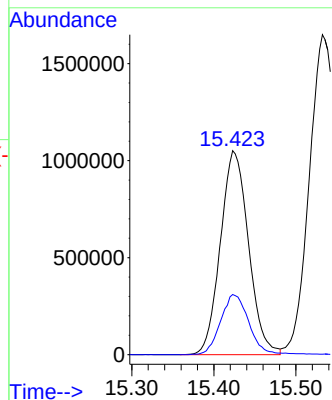
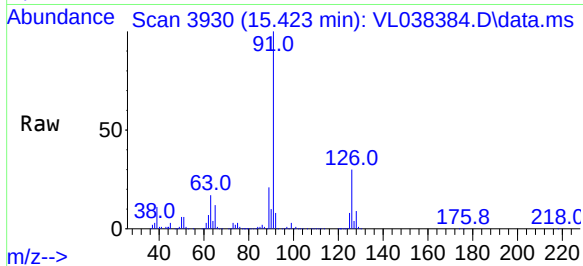
#71
2-Chlorotoluene
Concen: 9.350 ppbv
RT: 15.423 min Scan# 3911
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01

Tgt Ion: 91 Resp: 250803
Ion Ratio Lower Upper
91 100
126 30.2 11.9 47.7

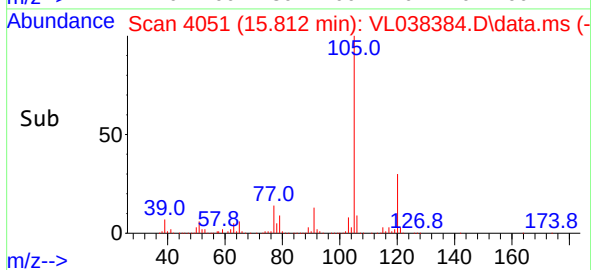
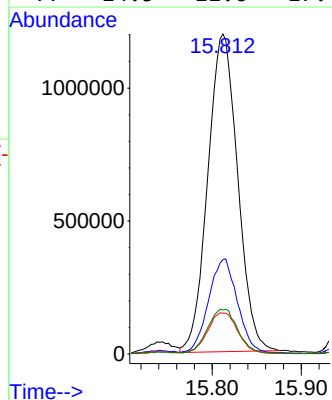
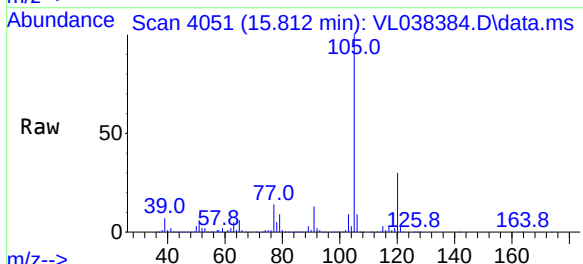
Manual Integrations
APPROVED

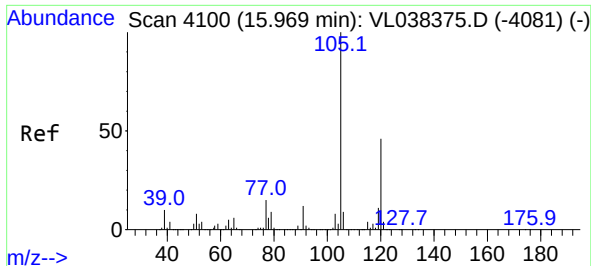
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#72
4-Ethyltoluene
Concen: 9.725 ppbv
RT: 15.812 min Scan# 4051
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

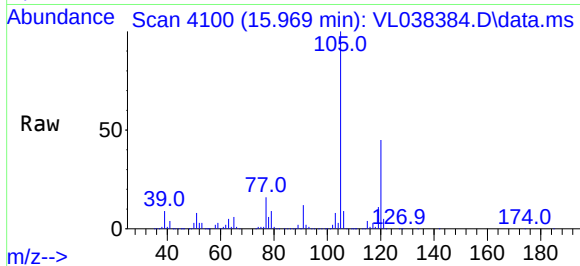
Tgt Ion:105 Resp: 2784799
Ion Ratio Lower Upper
105 100
120 29.7 23.4 35.2
91 13.2 10.4 15.6
77 14.5 11.6 17.4





#73
1,3,5-Trimethylbenzene
Concen: 9.636 ppbv
RT: 15.969 min Scan# 4100
Delta R.T. 0.000 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

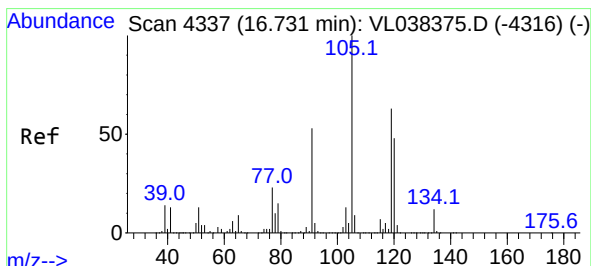
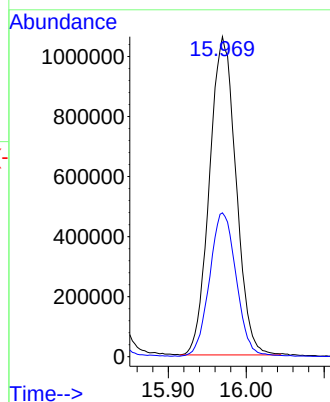
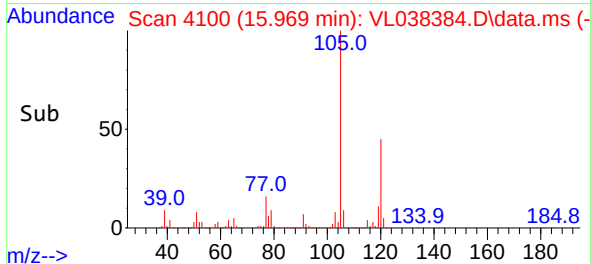
Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01



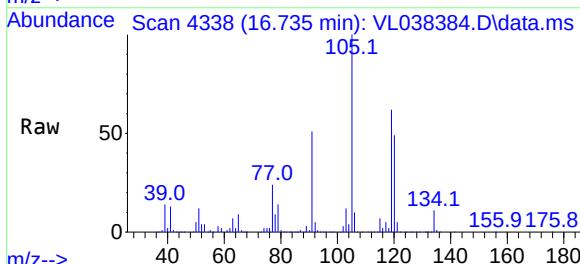
Tgt Ion:105 Resp: 250607
Ion Ratio Lower Upper
105 100
120 45.1 36.6 55.0

Manual Integrations
APPROVED

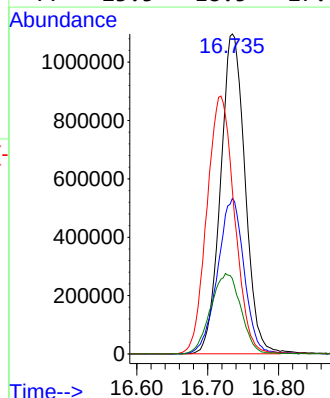
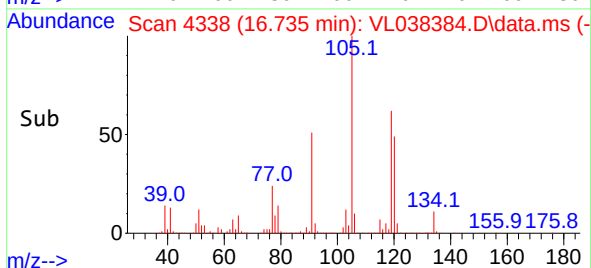
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

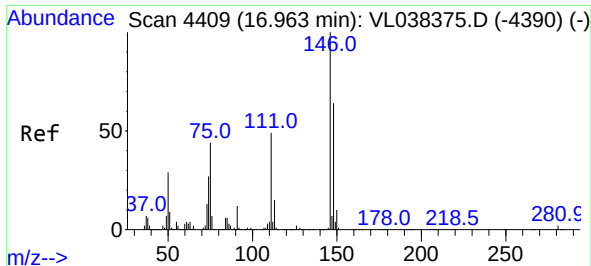


#74
1,2,4-Trimethylbenzene
Concen: 9.586 ppbv
RT: 16.735 min Scan# 4338
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44



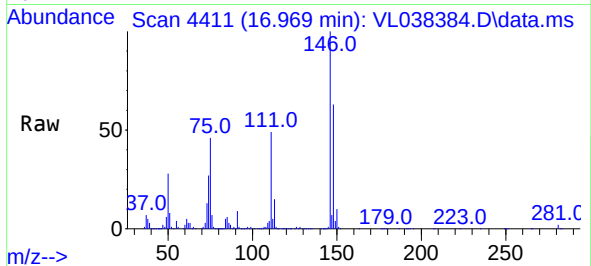
Tgt Ion:105 Resp: 2632043
Ion Ratio Lower Upper
105 100
120 48.6 38.2 57.4
91 50.9 42.7 64.1
77 23.5 18.5 27.7





#75
1,3-Dichlorobenzene
Concen: 9.400 ppbv
RT: 16.969 min Scan# 4409
Delta R.T. 0.006 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

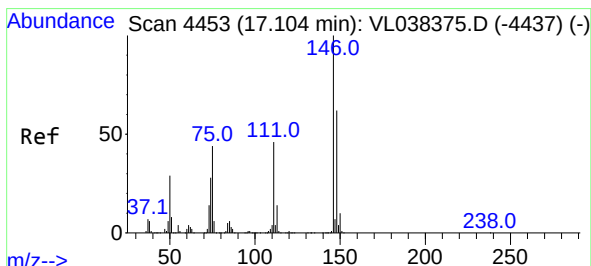
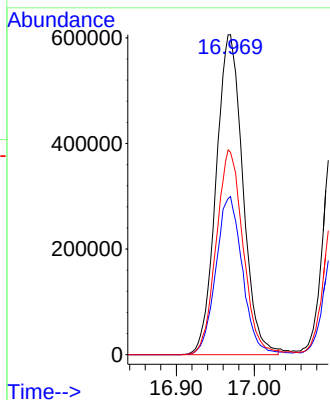
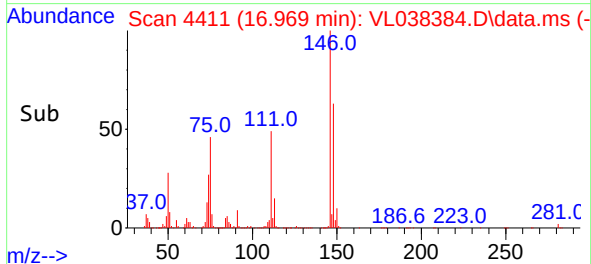
Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01



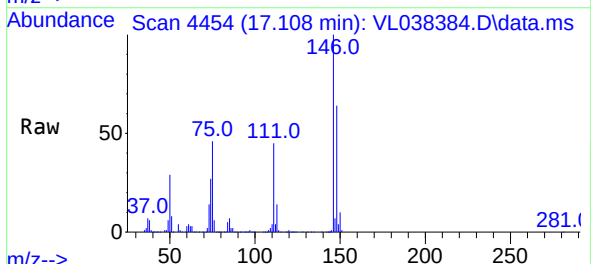
Tgt Ion:146 Resp: 1445500
Ion Ratio Lower Upper
146 100
111 49.3 24.3 72.9
148 64.6 32.0 96.0

Manual Integrations
APPROVED

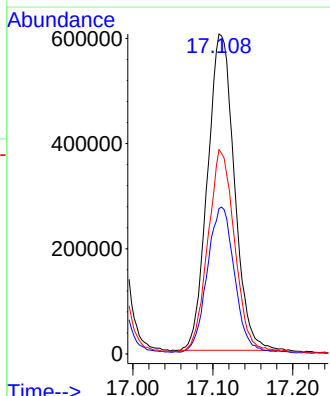
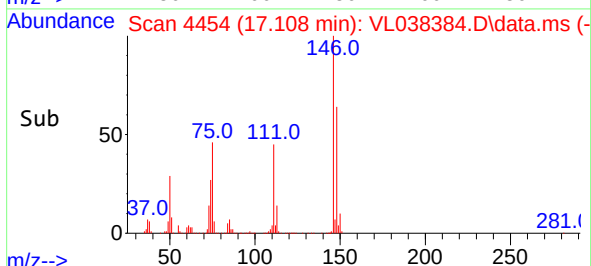
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

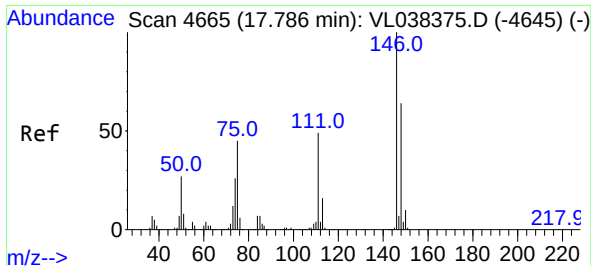


#76
1,4-Dichlorobenzene
Concen: 9.247 ppbv
RT: 17.108 min Scan# 4454
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44



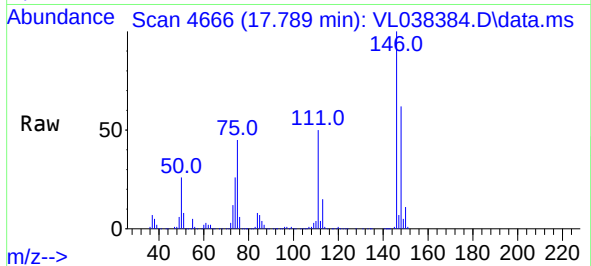
Tgt Ion:146 Resp: 1402230
Ion Ratio Lower Upper
146 100
111 48.5 24.1 72.2
148 65.9 32.8 98.4





#77
1,2-Dichlorobenzene
Concen: 9.407 ppbv
RT: 17.789 min Scan# 4666
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

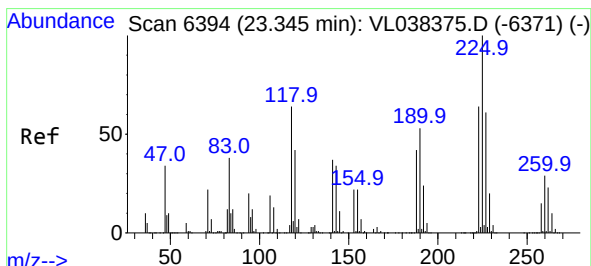
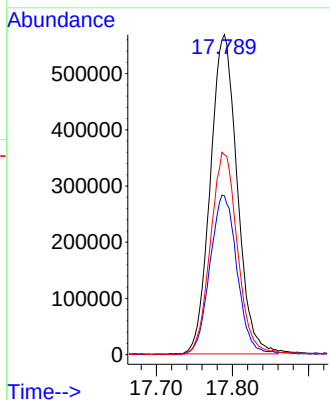
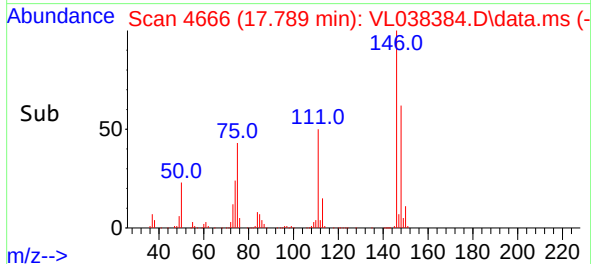
Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01



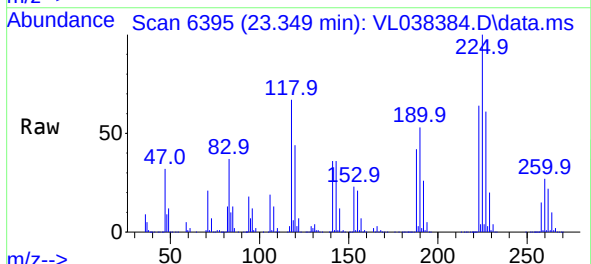
Tgt Ion:146 Resp: 139256
Ion Ratio Lower Upper
146 100
111 50.9 25.6 76.6
148 64.5 32.4 97.2

Manual Integrations
APPROVED

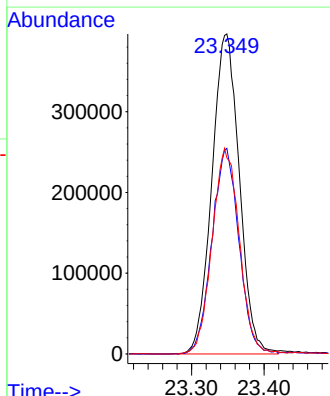
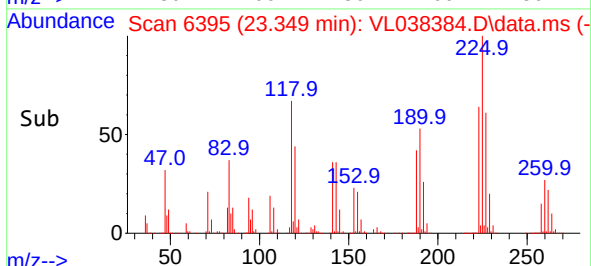
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022

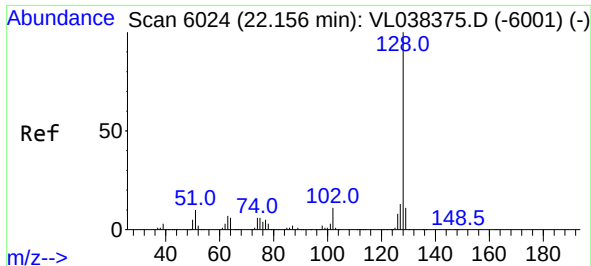


#78
Hexachloro-1,3-Butadiene
Concen: 9.228 ppbv
RT: 23.349 min Scan# 6395
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44



Tgt Ion:225 Resp: 1041829
Ion Ratio Lower Upper
225 100
223 63.2 52.0 78.0
227 64.4 51.6 77.4





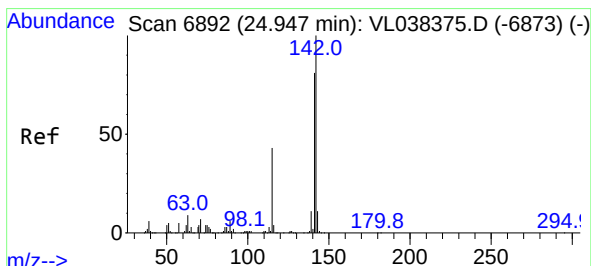
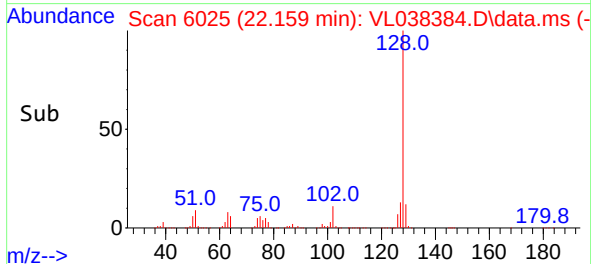
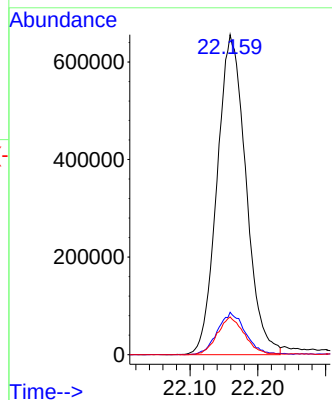
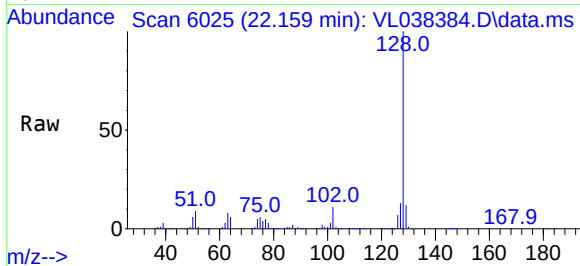
#79
Naphthalene
Concen: 13.012 ppbv
RT: 22.159 min Scan# 6024
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

Instrument :
MSVOA_L
ClientSampleId :
VL0222ABS01

Tgt Ion:128 Resp: 1935778
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 11.8 8.8 13.2

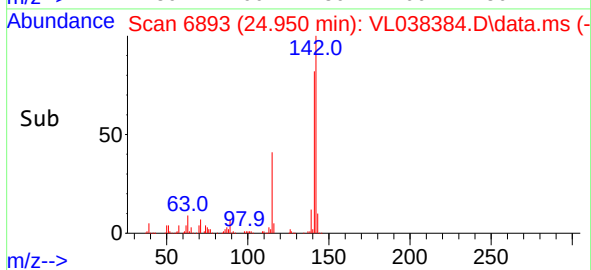
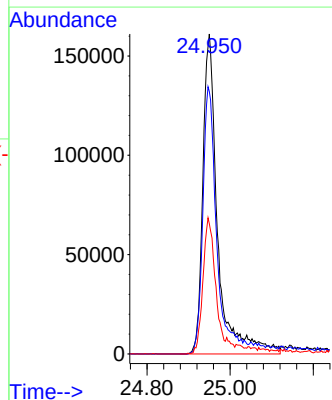
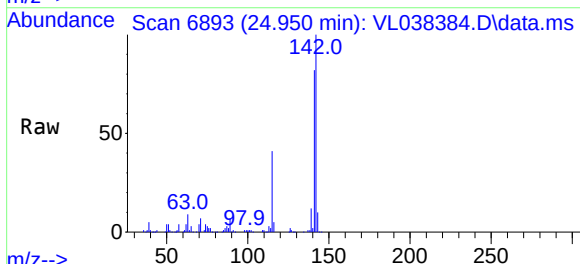
Manual Integrations
APPROVED

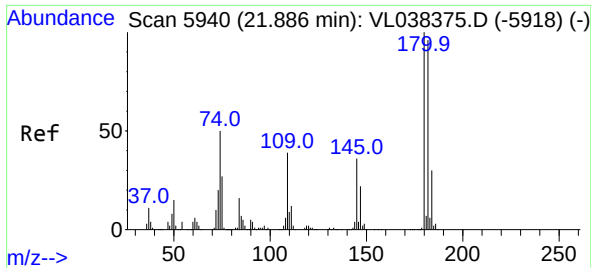
Reviewed By :Semsettin Yesilyurt 02/23/2022
Supervised By :Amit Patel 02/23/2022



#80
Naphthalene,2-methyl-
Concen: 13.724 ppbv
RT: 24.950 min Scan# 6893
Delta R.T. 0.003 min
Lab File: VL038384.D
Acq: 22 Feb 2022 10:44

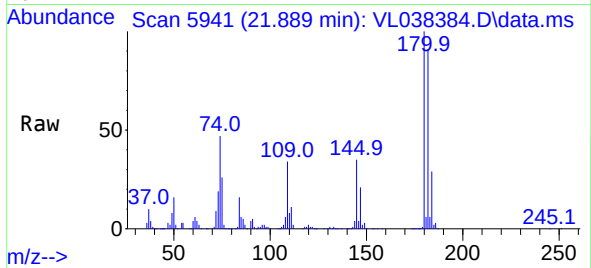
Tgt Ion:142 Resp: 399010
Ion Ratio Lower Upper
142 100
141 82.7 69.8 104.6
115 41.8 33.0 49.6





#81
 1,2,4-Trichlorobenzene
 Concen: 11.955 ppbv
 RT: 21.889 min Scan# 5941
 Delta R.T. 0.003 min
 Lab File: VL038384.D
 Acq: 22 Feb 2022 10:44

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0222ABS01



Tgt Ion:180 Resp: 1075290

Ion	Ratio	Lower	Upper
180	100		
182	97.8	77.4	116.2
184	30.8	24.9	37.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/23/2022
 Supervised By :Amit Patel 02/23/2022

