

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062422\
 Data File : VL039338.D
 Acq On : 24 Jun 2022 12:17
 Operator : SY/AP
 Sample : VL0624ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0624ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/27/2022
 Supervised By : Mahesh Dadoda 06/30/2022

Quant Time: Jun 27 01:49:30 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 01 01:22:18 2022

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

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.661	49	1228210	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.169	114	3479356	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.079	117	3166704m	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.404 95 2527955 9.656 ppbv -0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.047	85	1586882	7.356	ppbv	95
3) Chlorodifluoromethane	2.986	51	1422614	9.103	ppbv	99
4) Chloromethane	3.137	50	779720	9.714	ppbv	99
5) Vinyl Chloride	3.253	62	770898	10.273	ppbv	98
6) Bromomethane	3.468	94	344842	9.342	ppbv	98
7) Chloroethane	3.552	64	271118	10.369	ppbv	96
8) Dichlorotetrafluoroethane	3.185	85	1894955	9.611	ppbv	96
9) Propene	3.005	41	618902	9.083	ppbv	99
10) Heptane	8.115	43	1620540	10.194	ppbv	99
11) Trichlorofluoromethane	3.947	101	1893931	9.699	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.481	101	1380856	10.693	ppbv	99
13) Ethanol	3.600	45	46005m	12.380	ppbv	
14) Bromoethene	3.735	108	575924	9.920	ppbv	99
15) Acetone	3.841	43	1376361	10.758	ppbv	97
16) 1,3-Butadiene	3.324	39	740417	10.766	ppbv	96
17) tert-Butyl alcohol	4.275	59	1213434	12.228	ppbv	98
18) 1,1-Dichloroethene	4.285	96	615333	10.622	ppbv	86
19) Isopropyl Alcohol	3.954	45	701110	11.684	ppbv #	98
20) Methylene Chloride	4.340	84	518786	9.622	ppbv	88
21) Allyl Chloride	4.407	41	975533	11.303	ppbv	100
22) trans-1,2-Dichloroethene	4.880	96	622859	11.175	ppbv	91
23) Vinyl Acetate	5.066	43	985397	9.309	ppbv	98
24) 1,1-Dichloroethane	5.009	63	1257505	8.670	ppbv	99
25) Ethyl Acetate	5.671	43	2919425	10.124	ppbv	100
26) Hexane	5.684	57	1226529	9.679	ppbv	96
27) Carbon Disulfide	4.546	76	1524468	11.607	ppbv	99
28) Methyl tert-Butyl Ether	5.028	73	1144101	8.178	ppbv	98
29) Chloroform	5.745	83	1992823	9.346	ppbv	97
30) Cyclohexane	7.124	84	1068025	10.033	ppbv	97
31) cis-1,2-Dichloroethene	5.542	61	1211599	9.377	ppbv	96
32) 1,1,1-Trichloroethane	6.504	97	2020000	9.681	ppbv	99
34) 2-Butanone	5.234	43	1733966	9.173	ppbv	99
35) Carbon Tetrachloride	7.012	117	2120749	8.351	ppbv	100
36) Benzene	6.886	78	2560354	9.064	ppbv	99
37) 1,2-Dichloroethane	6.301	62	1534961	8.257	ppbv	97
38) Trichloroethene	7.825	130	1327465	10.231	ppbv	95
39) 1,2-Dichloropropane	7.607	63	972581	8.656	ppbv	96
40) 1,4-Dioxane	7.819	88	357687	9.670	ppbv #	1
41) Tetrahydrofuran	6.041	42	992355	8.729	ppbv	100
42) Bromodichloromethane	7.787	83	2146194	8.319	ppbv	100
43) Methyl Methacrylate	8.005	69	1040400	9.456	ppbv	98
44) 2,2,4-Trimethylpentane	7.864	57	4320409	8.743	ppbv	98
45) t-1,3-Dichloropropene	9.269	75	1032892	9.014	ppbv	96

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Quant Time: Jun 27 01:49:30 2022

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

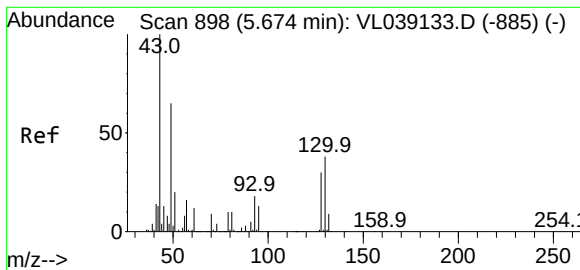
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 01 01:22:18 2022

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

Response via : Initial Calibration

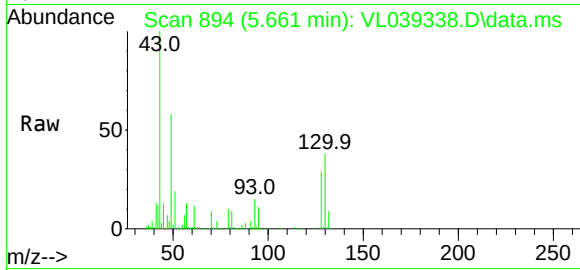
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.693	75	1326770	8.765	ppbv	95
47) 1,1,2-Trichloroethane	9.468	97	1071565	9.142	ppbv	97
48) Dibromochloromethane	10.298	129	1910143	9.126	ppbv	99
49) Bromoform	13.034	173	1568868	8.995	ppbv	98
50) 4-Methyl-2-Pentanone	8.732	43	2659200	9.398	ppbv	100
51) 2-Hexanone	10.124	43	2080706	9.451	ppbv #	96
52) Tetrachloroethene	11.217	164	989724	8.974	ppbv	98
53) Toluene	9.799	91	3119680	9.591	ppbv	99
54) 1,2-Dibromoethane	10.600	107	1460926	9.275	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.118	131	1396620	9.321	ppbv	95
57) Chlorobenzene	12.137	112	2348294	9.856	ppbv	93
58) Ethyl Benzene	12.703	91	4192476	9.611	ppbv	99
59) m/p-Xylene	12.986	91	7131933m	18.567	ppbv	
60) o-Xylene	13.683	91	3449395	9.557	ppbv	99
61) Styrene	13.516	104	2044646	10.578	ppbv	95
62) Isopropylbenzene	14.658	105	5111377	9.528	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.664	83	1706926	8.425	ppbv	99
64) n-propylbenzene	15.548	120	1325977	10.055	ppbv	92
65) tert-Butylbenzene	16.735	119	4642744	9.464	ppbv	97
66) Benzyl Chloride	16.976	91	458151	7.183	ppbv	99
67) sec-Butylbenzene	17.281	105	6413743	9.582	ppbv	99
69) p-Isopropyltoluene	17.641	119	5496661	9.734	ppbv	98
70) n-Butylbenzene	18.539	91	5420524	9.352	ppbv	99
71) 2-Chlorotoluene	15.442	91	3707841	9.063	ppbv	96
72) 4-Ethyltoluene	15.828	105	4097109	9.685	ppbv	99
73) 1,3,5-Trimethylbenzene	15.982	105	3760839	9.857	ppbv	99
74) 1,2,4-Trimethylbenzene	16.751	105	4078419	9.578	ppbv	94
75) 1,3-Dichlorobenzene	16.986	146	2366037	9.817	ppbv	99
76) 1,4-Dichlorobenzene	17.124	146	2272997	9.453	ppbv	99
77) 1,2-Dichlorobenzene	17.802	146	2333634	9.607	ppbv	99
78) Hexachloro-1,3-Butadiene	23.361	225	1743494	7.849	ppbv	99
79) Naphthalene	22.178	128	3463867	10.568	ppbv	98
80) Naphthalene,2-methyl-	24.960	142	1095811	8.998	ppbv	92
81) 1,2,4-Trichlorobenzene	21.908	180	1984801	9.558	ppbv #	100

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



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.661 min Scan# 89
 Delta R.T. -0.013 min
 Lab File: VL039338.D
 Acq: 24 Jun 2022 12:17

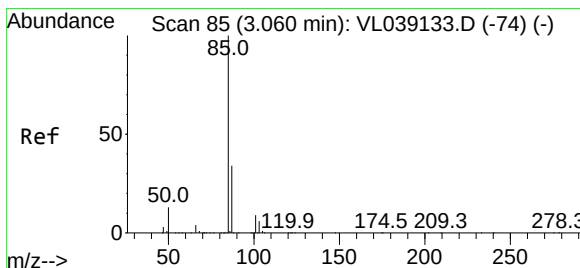
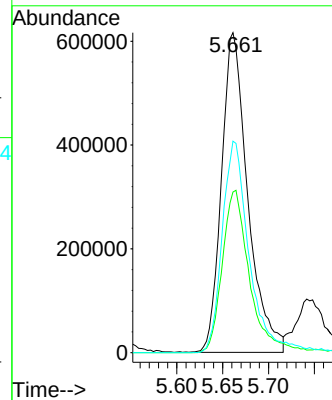
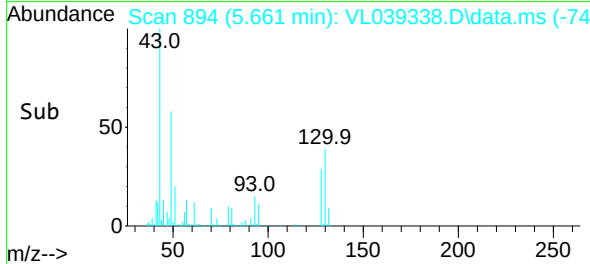
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0624ABS01



Tgt Ion: 49 Resp: 1228210
 Ion Ratio Lower Upper
 49 100
 128 54.2 24.7 74.1
 130 69.3 31.4 94.0

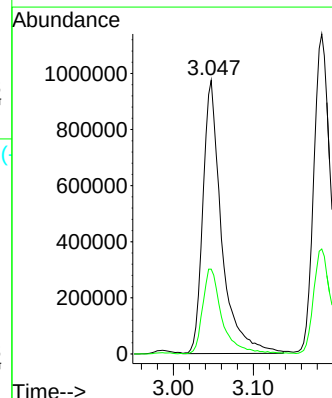
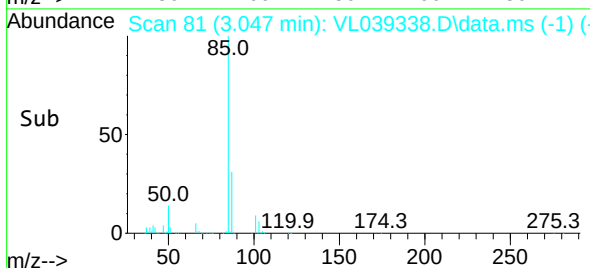
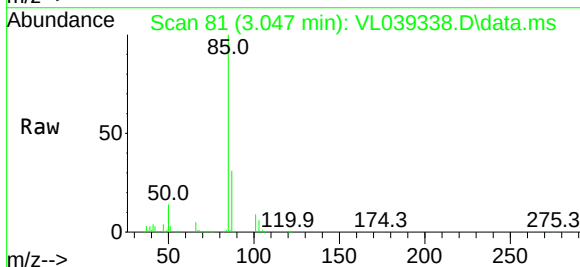
Manual Integrations
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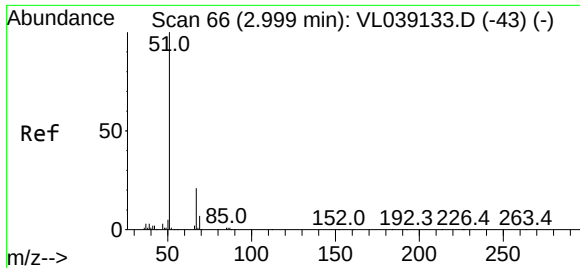
Reviewed By :Semsettin Yesilyurt 06/27/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#2
 Dichlorodifluoromethane
 Concen: 7.356 ppbv
 RT: 3.047 min Scan# 81
 Delta R.T. -0.013 min
 Lab File: VL039338.D
 Acq: 24 Jun 2022 12:17

Tgt Ion: 85 Resp: 1586882
 Ion Ratio Lower Upper
 85 100
 87 30.9 26.9 40.3





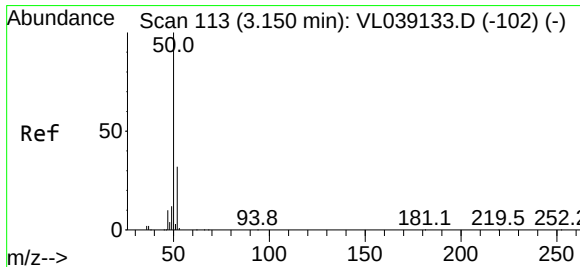
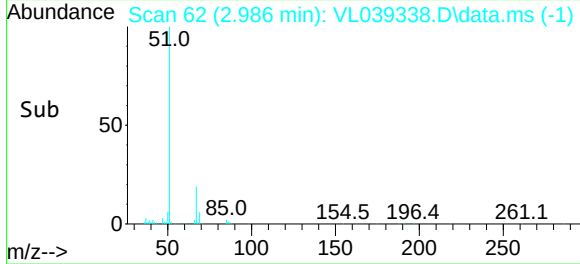
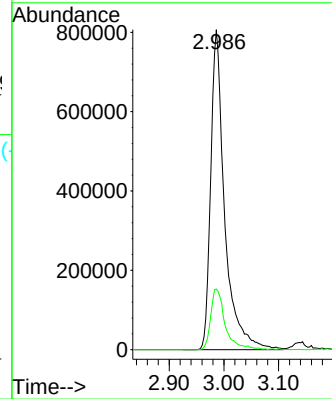
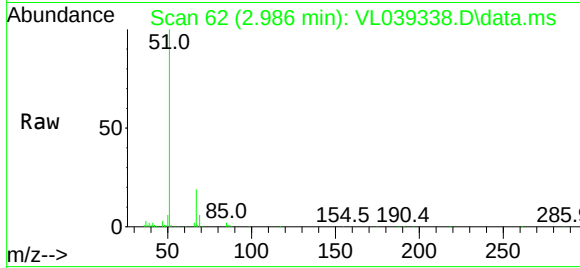
#3
Chlorodifluoromethane
Concen: 9.103 ppbv
RT: 2.986 min Scan# 61
Delta R.T. -0.013 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

Instrument :
MSVOA_L
ClientSampleId :
VL0624ABS01

Tgt Ion: 51 Resp: 1422614
Ion Ratio Lower Upper
51 100
67 19.8 16.2 24.4

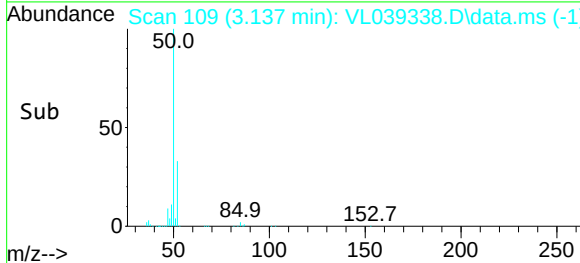
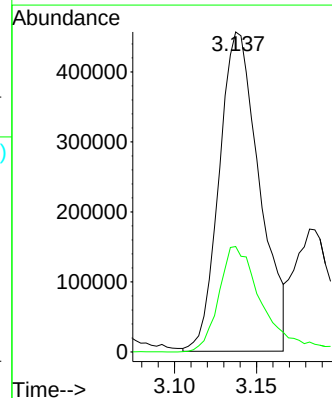
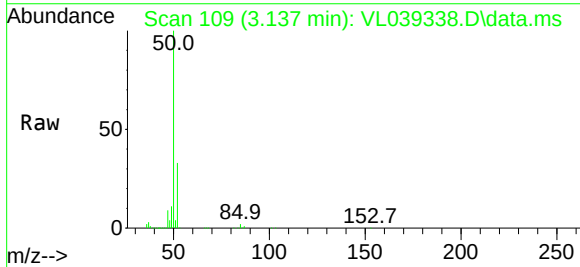
Manual Integrations
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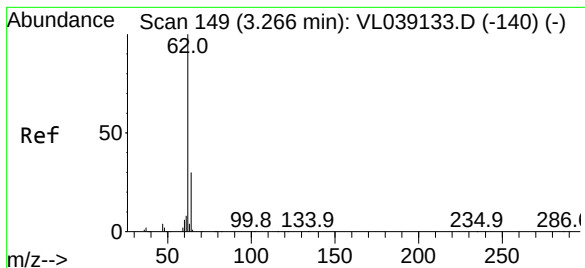
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#4
Chloromethane
Concen: 9.714 ppbv
RT: 3.137 min Scan# 109
Delta R.T. -0.013 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

Tgt Ion: 50 Resp: 779720
Ion Ratio Lower Upper
50 100
52 33.2 25.9 38.9





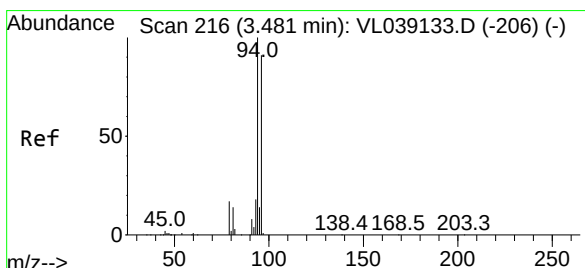
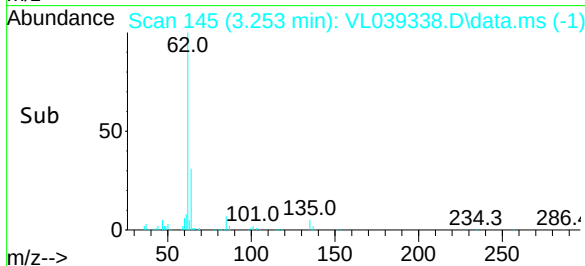
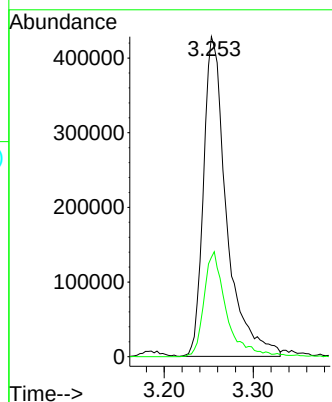
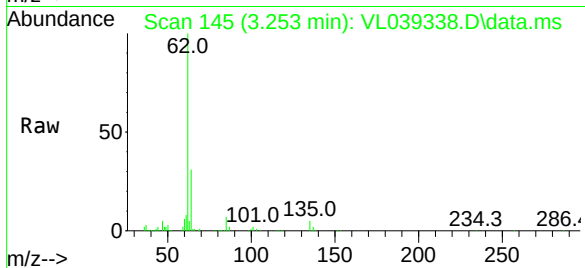
#5
 Vinyl Chloride
 Concen: 10.273 ppbv
 RT: 3.253 min Scan# 149
 Delta R.T. -0.013 min
 Lab File: VL039338.D
 Acq: 24 Jun 2022 12:17

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0624ABS01

Tgt Ion: 62 Resp: 770898
 Ion Ratio Lower Upper
 62 100
 64 31.1 24.2 36.2

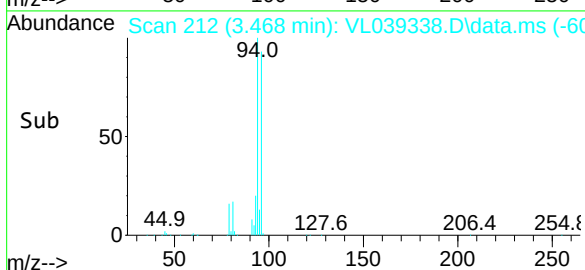
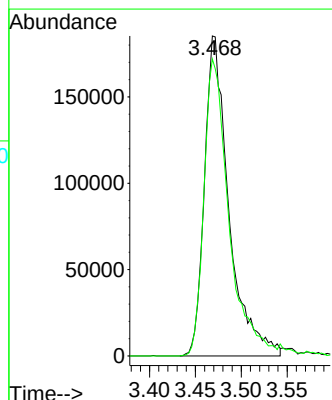
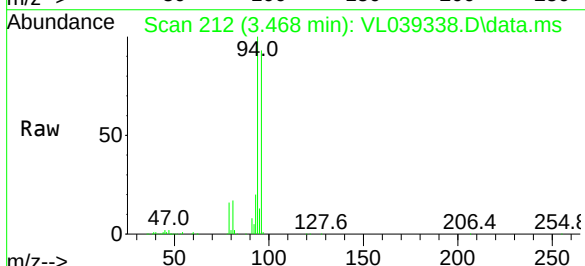
Manual Integrations
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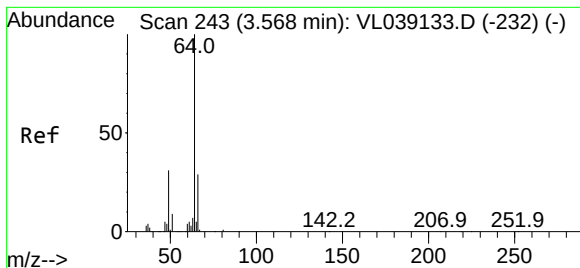
Reviewed By :Semsettin Yesilyurt 06/27/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#6
 Bromomethane
 Concen: 9.342 ppbv
 RT: 3.468 min Scan# 212
 Delta R.T. -0.013 min
 Lab File: VL039338.D
 Acq: 24 Jun 2022 12:17

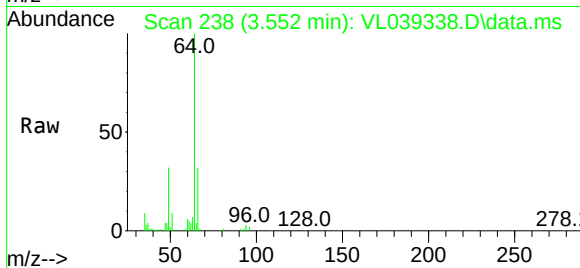
Tgt Ion: 94 Resp: 344842
 Ion Ratio Lower Upper
 94 100
 96 92.8 73.0 109.4





#7
Chloroethane
Concen: 10.369 ppbv
RT: 3.552 min Scan# 211
Delta R.T. -0.016 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

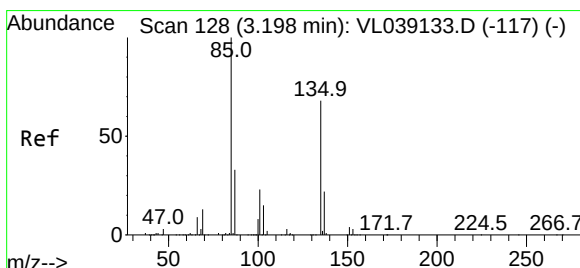
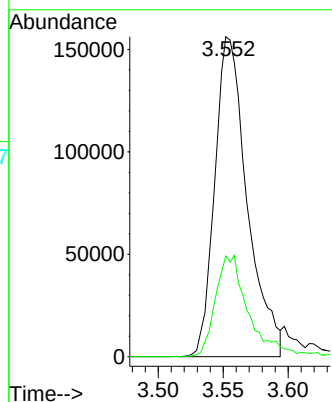
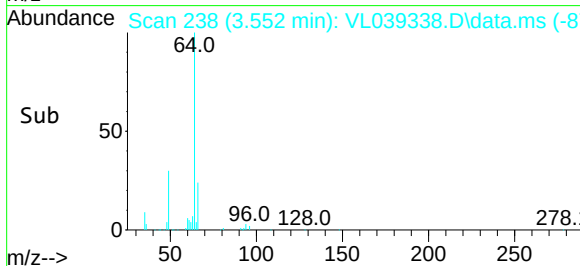
Instrument :
MSVOA_L
ClientSampleId :
VL0624ABS01



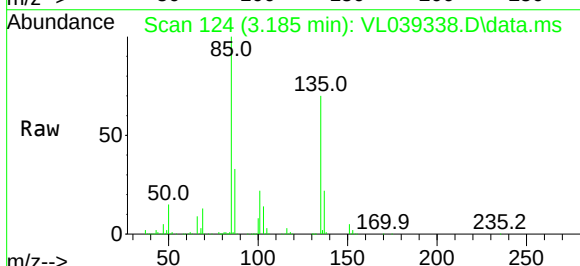
Tgt Ion: 64 Resp: 271118
Ion Ratio Lower Upper
64 100
66 31.5 23.6 35.4

Manual Integrations
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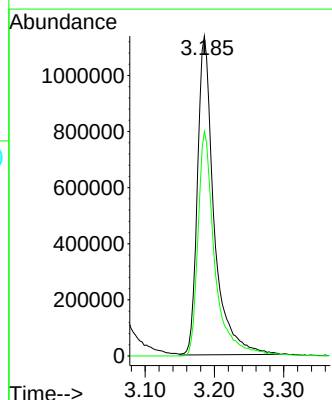
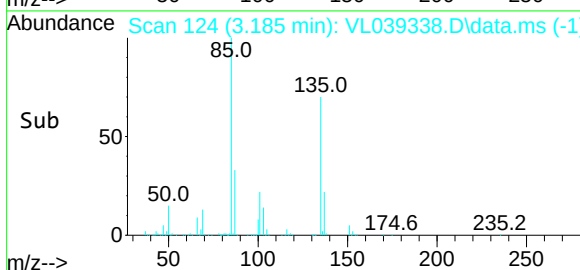
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

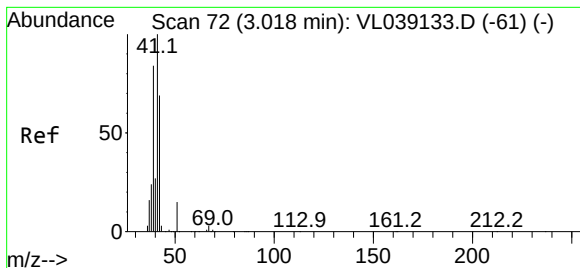


#8
Dichlorotetrafluoroethane
Concen: 9.611 ppbv
RT: 3.185 min Scan# 124
Delta R.T. -0.013 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17



Tgt Ion: 85 Resp: 1894955
Ion Ratio Lower Upper
85 100
135 71.7 55.0 82.4





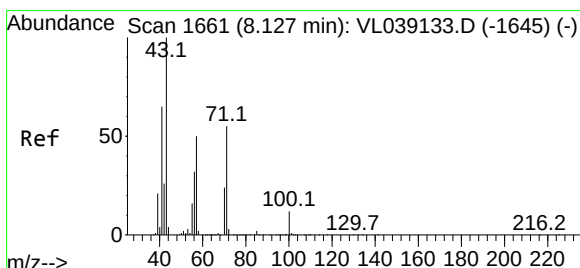
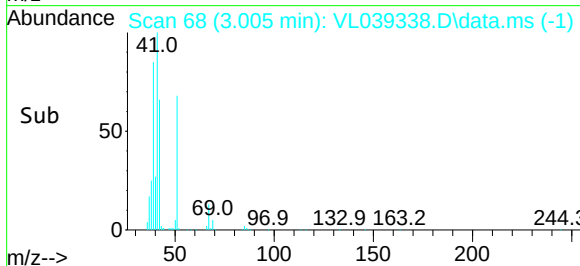
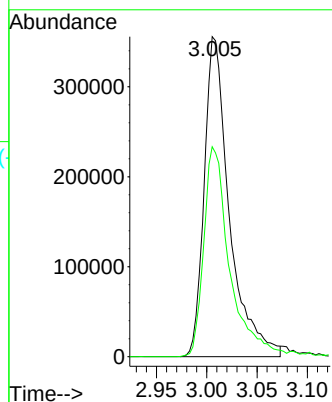
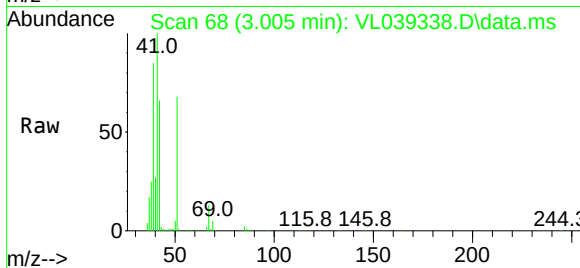
#9
 Propene
 Concen: 9.083 ppbv
 RT: 3.005 min Scan# 61
 Delta R.T. -0.013 min
 Lab File: VL039338.D
 Acq: 24 Jun 2022 12:17

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0624ABS01

Tgt Ion: 41 Resp: 61890
 Ion Ratio Lower Upper
 41 100
 42 68.6 55.4 83.2

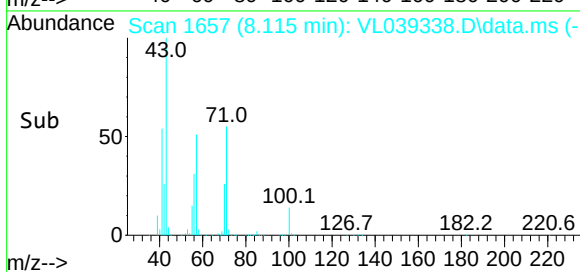
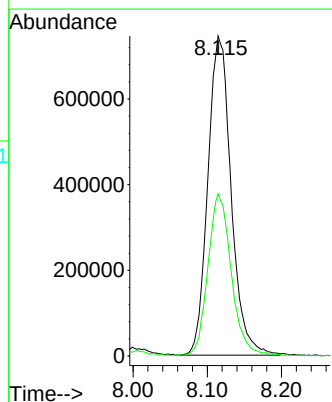
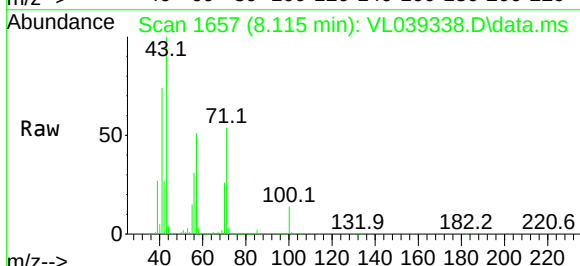
Manual Integrations
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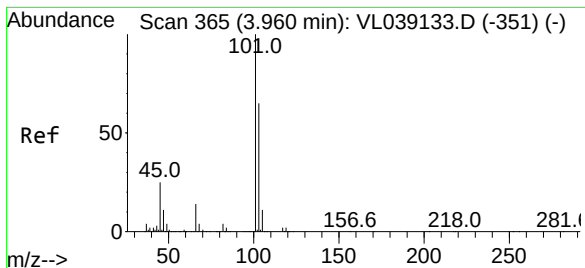
Reviewed By :Semsettin Yesilyurt 06/27/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#10
 Heptane
 Concen: 10.194 ppbv
 RT: 8.115 min Scan# 1657
 Delta R.T. -0.013 min
 Lab File: VL039338.D
 Acq: 24 Jun 2022 12:17

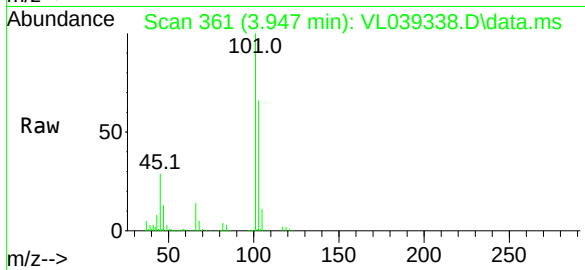
Tgt Ion: 43 Resp: 1620540
 Ion Ratio Lower Upper
 43 100
 57 51.3 41.4 62.2





#11
 Trichlorofluoromethane
 Concen: 9.699 ppbv
 RT: 3.947 min Scan# 30
 Delta R.T. -0.013 min
 Lab File: VL039338.D
 Acq: 24 Jun 2022 12:17

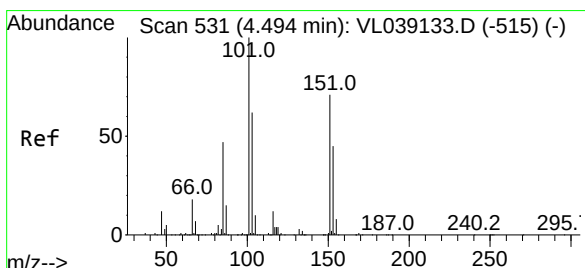
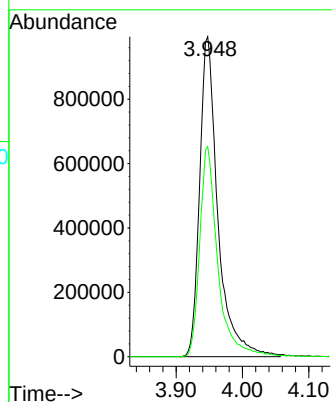
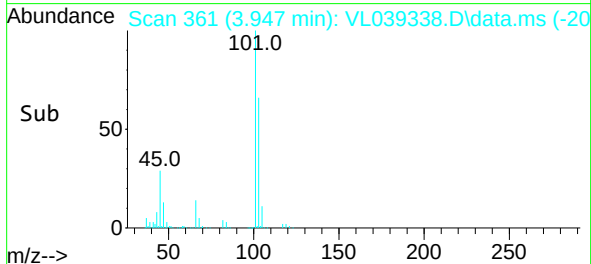
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0624ABS01



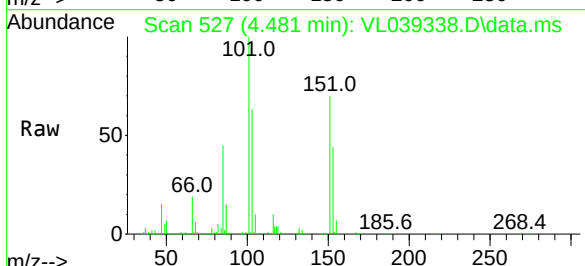
Tgt Ion:101 Resp: 189393
 Ion Ratio Lower Upper
 101 100
 103 65.7 51.7 77.5

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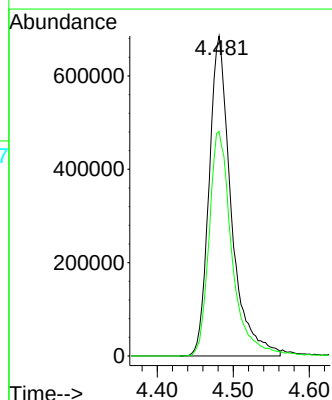
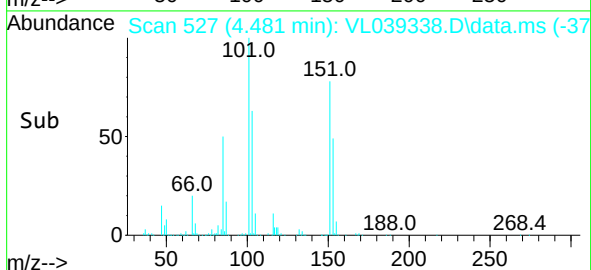
Reviewed By :Semsettin Yesilyurt 06/27/2022
 Supervised By :Mahesh Dadoda 06/30/2022

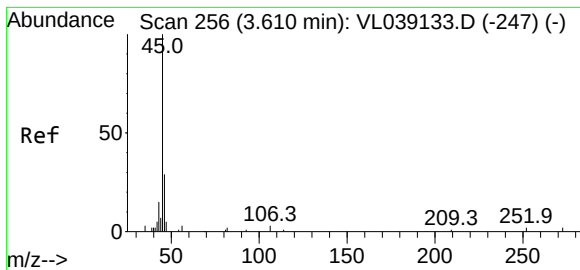


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.693 ppbv
 RT: 4.481 min Scan# 527
 Delta R.T. -0.013 min
 Lab File: VL039338.D
 Acq: 24 Jun 2022 12:17



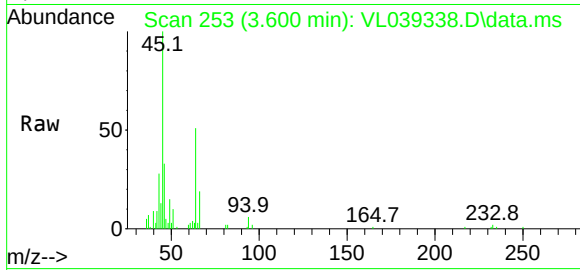
Tgt Ion:101 Resp: 1380856
 Ion Ratio Lower Upper
 101 100
 151 73.0 59.4 89.0





#13
Ethanol
Concen: 12.380 ppbv m
RT: 3.600 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

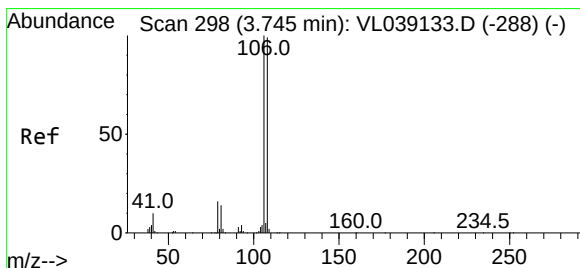
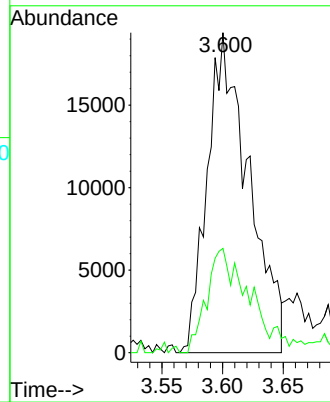
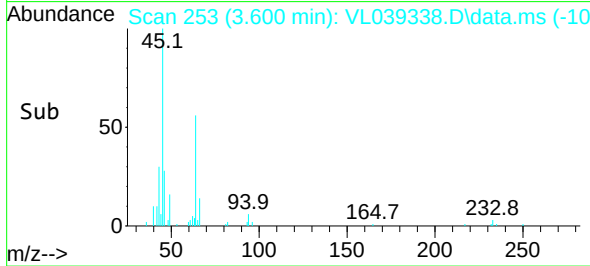
Instrument :
MSVOA_L
ClientSampleId :
VL0624ABS01



Tgt Ion: 45 Resp: 4600
Ion Ratio Lower Upper
45 100
46 37.4 0.0 0.0

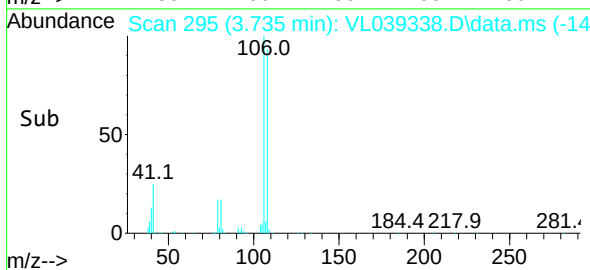
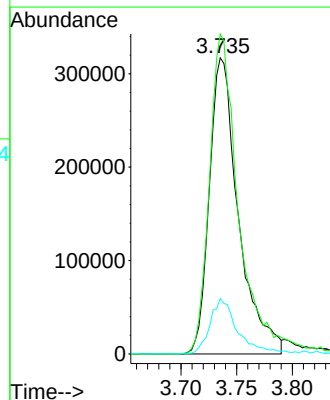
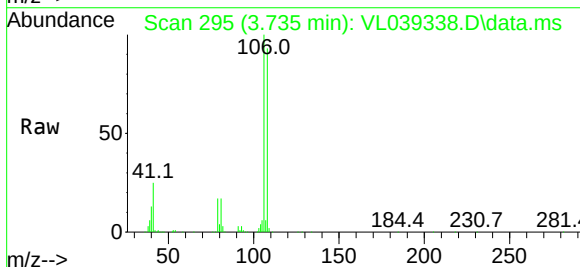
Manual Integrations
APPROVED

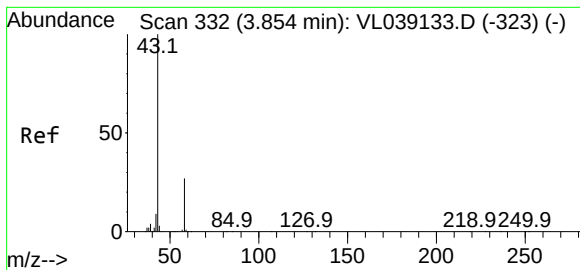
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#14
Bromoethene
Concen: 9.920 ppbv
RT: 3.735 min Scan# 295
Delta R.T. -0.010 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

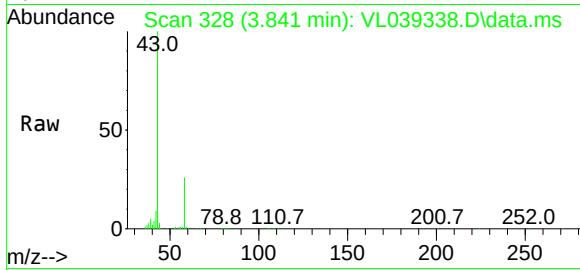
Tgt Ion:108 Resp: 575924
Ion Ratio Lower Upper
108 100
106 111.4 88.4 132.6
79 18.6 13.4 20.2





#15
Acetone
Concen: 10.758 ppbv
RT: 3.841 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

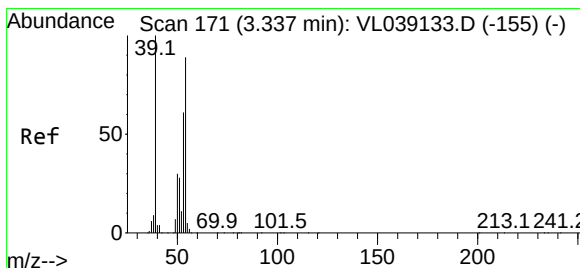
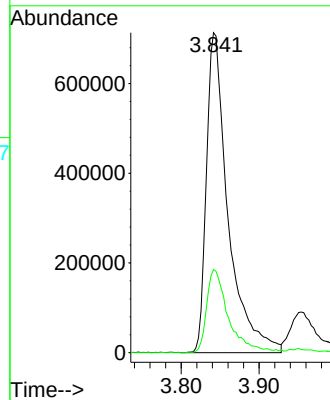
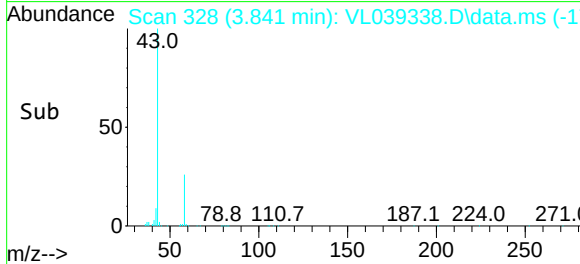
Instrument :
MSVOA_L
ClientSampleId :
VL0624ABS01



Tgt Ion: 43 Resp: 137636
Ion Ratio Lower Upper
43 100
58 26.3 22.5 33.7

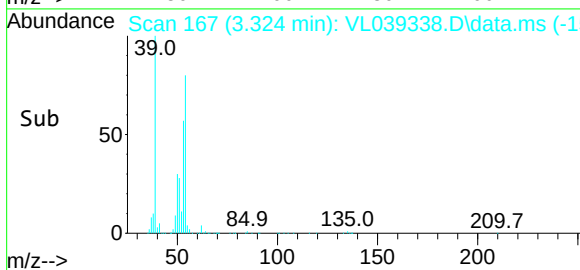
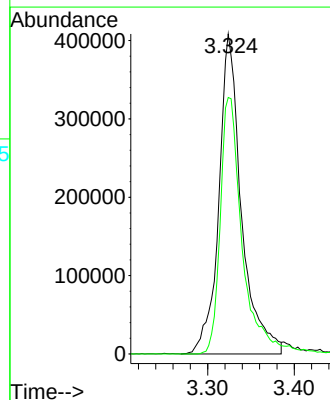
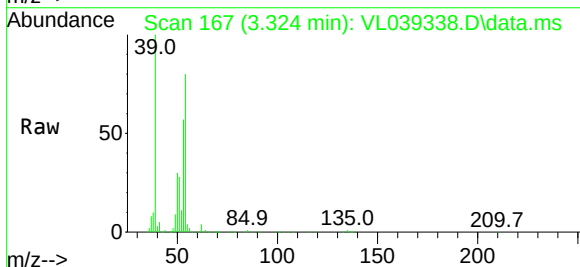
Manual Integrations
APPROVED

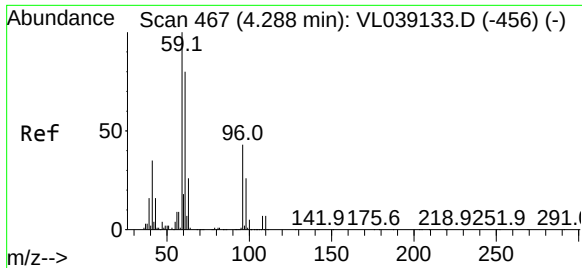
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#16
1,3-Butadiene
Concen: 10.766 ppbv
RT: 3.324 min Scan# 167
Delta R.T. -0.013 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

Tgt Ion: 39 Resp: 740417
Ion Ratio Lower Upper
39 100
54 79.0 65.8 98.6





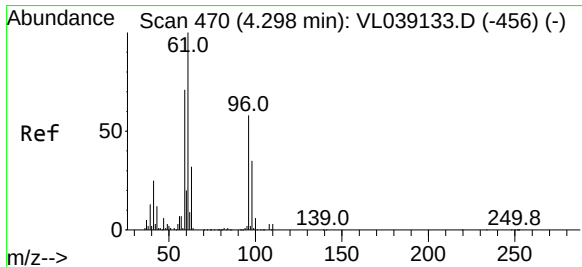
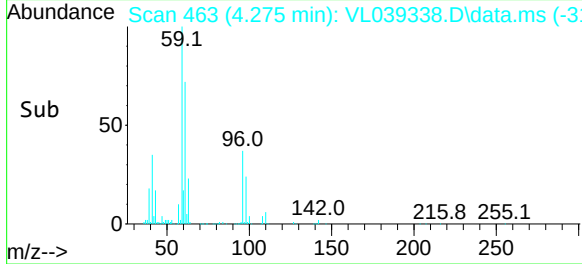
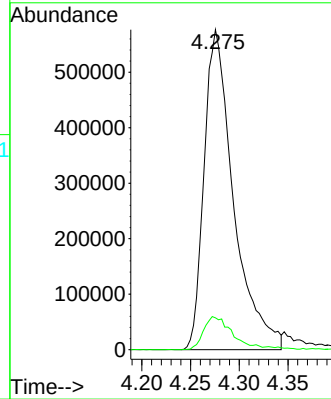
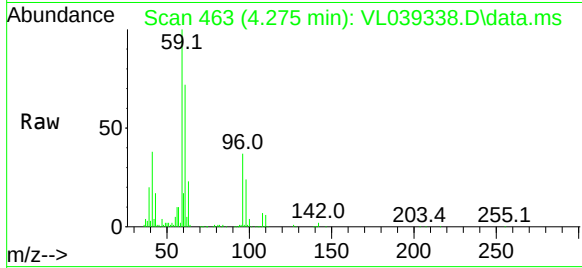
#17
tert-Butyl alcohol
Concen: 12.228 ppbv
RT: 4.275 min Scan# 463
Delta R.T. -0.013 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

Instrument :
MSVOA_L
ClientSampleId :
VL0624ABS01

Tgt Ion: 59 Resp: 121343
Ion Ratio Lower Upper
59 100
57 10.7 9.1 13.7

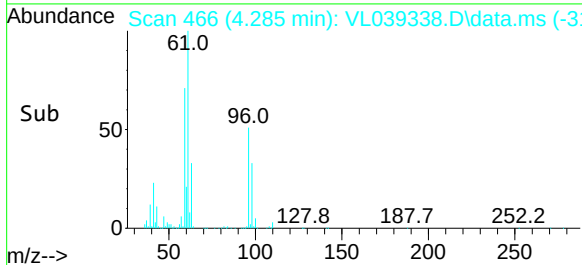
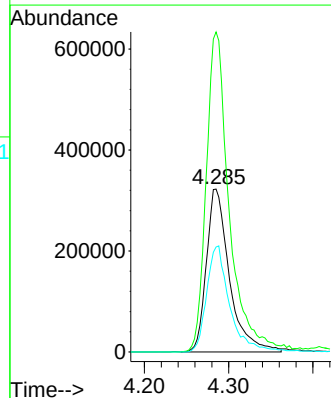
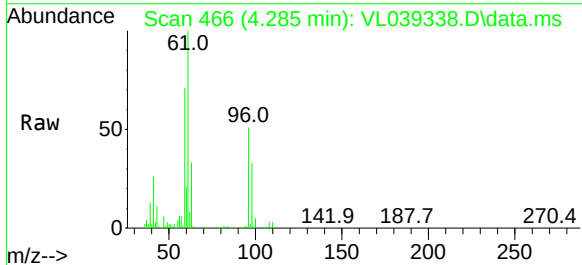
Manual Integrations
APPROVED

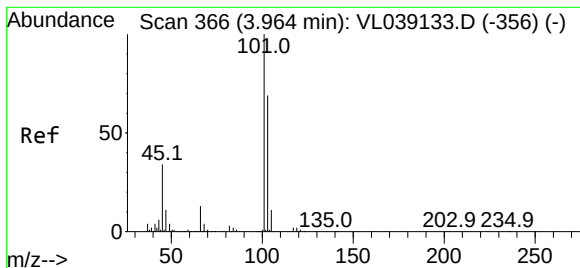
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#18
1,1-Dichloroethene
Concen: 10.622 ppbv
RT: 4.285 min Scan# 466
Delta R.T. -0.013 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

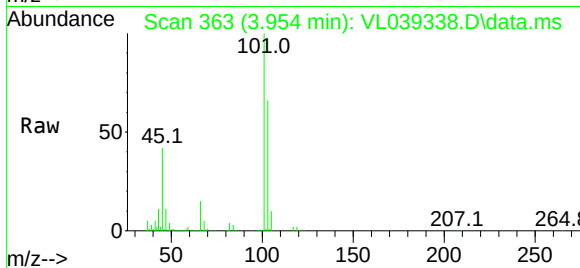
Tgt Ion: 96 Resp: 615333
Ion Ratio Lower Upper
96 100
61 196.4 138.4 207.6
98 64.4 47.8 71.8





#19
Isopropyl Alcohol
Concen: 11.684 ppbv
RT: 3.954 min Scan# 30
Delta R.T. -0.010 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

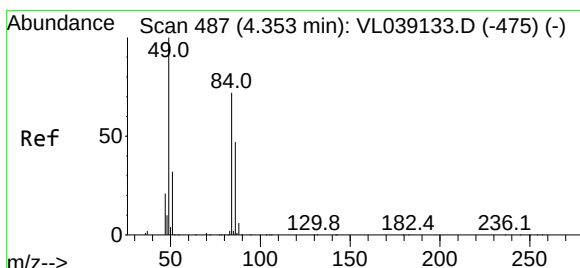
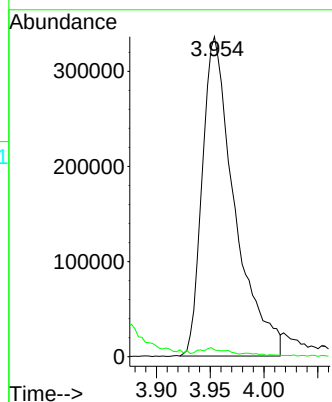
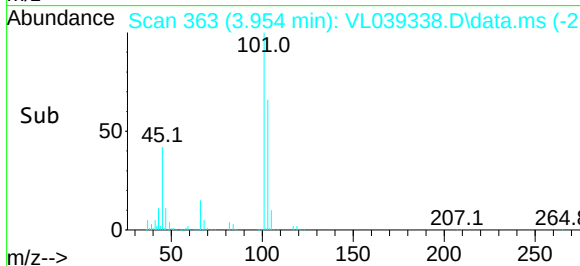
Instrument :
MSVOA_L
ClientSampleId :
VL0624ABS01



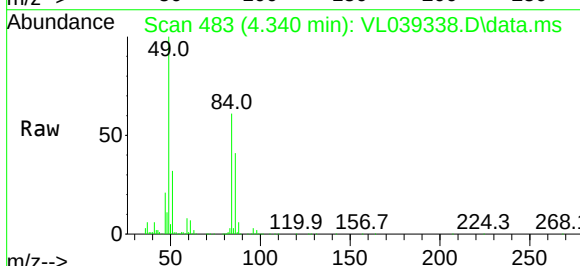
Tgt Ion: 45 Resp: 701110
Ion Ratio Lower Upper
45 100
58 3.1 1.8 2.8

Manual Integrations
APPROVED

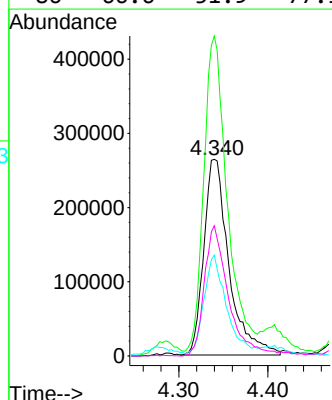
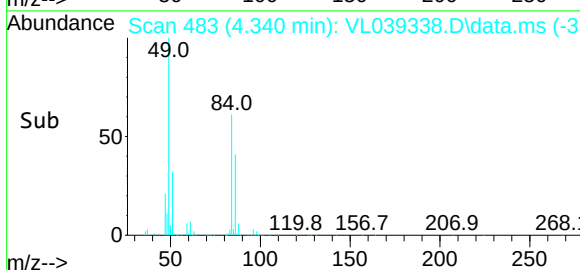
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

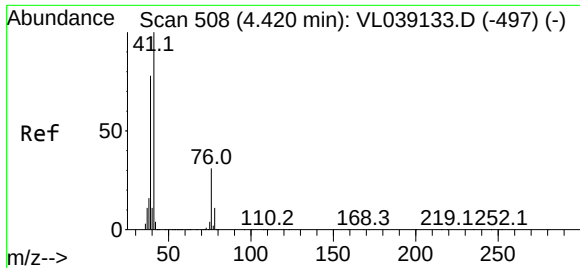


#20
Methylene Chloride
Concen: 9.622 ppbv
RT: 4.340 min Scan# 483
Delta R.T. -0.013 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17



Tgt Ion: 84 Resp: 518786
Ion Ratio Lower Upper
84 100
49 160.3 111.1 166.7
51 49.8 35.3 52.9
86 66.6 51.9 77.9





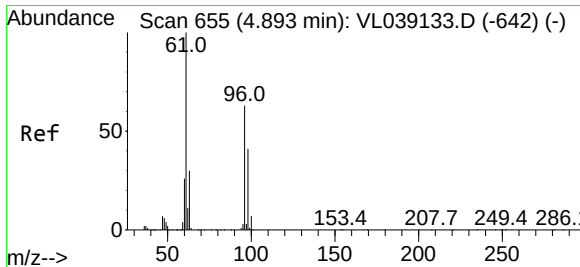
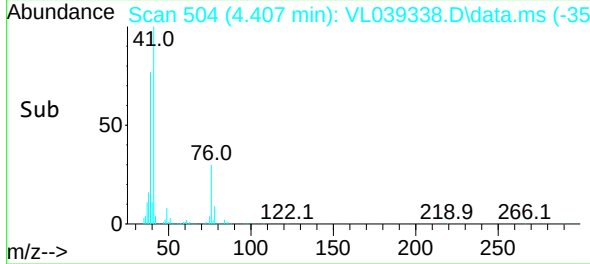
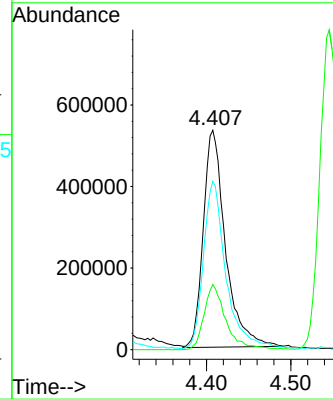
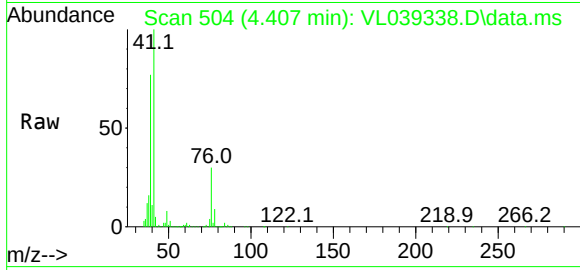
#21
 Allyl Chloride
 Concen: 11.303 ppbv
 RT: 4.407 min Scan# 508
 Delta R.T. -0.013 min
 Lab File: VL039338.D
 Acq: 24 Jun 2022 12:17

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0624ABS01

Tgt Ion: 41 Resp: 97553
 Ion Ratio Lower Upper
 41 100
 76 29.6 24.2 36.2
 39 77.8 62.2 93.2

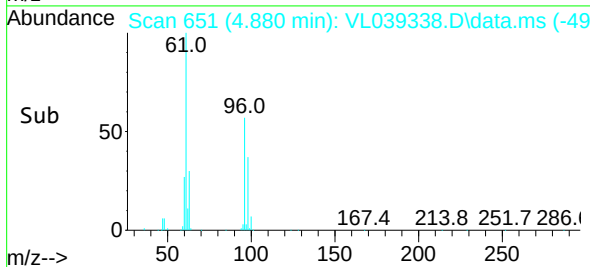
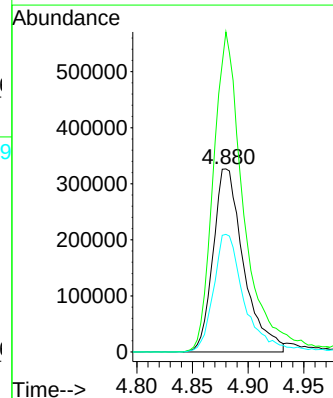
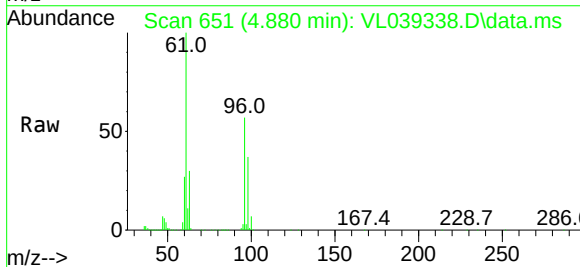
Manual Integrations
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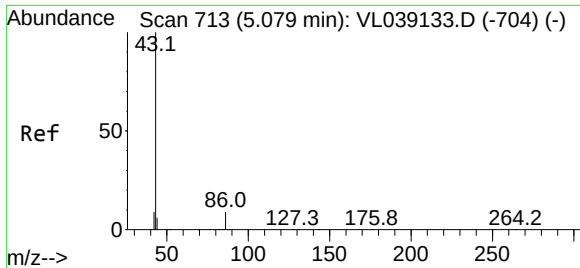
Reviewed By :Semsettin Yesilyurt 06/27/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#22
 trans-1,2-Dichloroethene
 Concen: 11.175 ppbv
 RT: 4.880 min Scan# 651
 Delta R.T. -0.013 min
 Lab File: VL039338.D
 Acq: 24 Jun 2022 12:17

Tgt Ion: 96 Resp: 622859
 Ion Ratio Lower Upper
 96 100
 61 174.9 126.6 190.0
 98 64.2 52.5 78.7





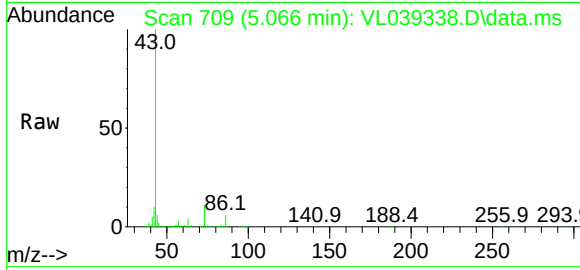
#23
 Vinyl Acetate
 Concen: 9.309 ppbv
 RT: 5.066 min Scan# 709
 Delta R.T. -0.013 min
 Lab File: VL039338.D
 Acq: 24 Jun 2022 12:17

Instrument :

MSVOA_L

ClientSampleId :

VL0624ABS01



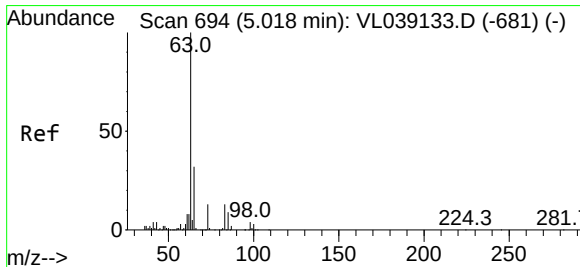
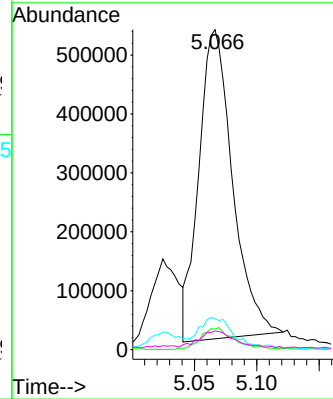
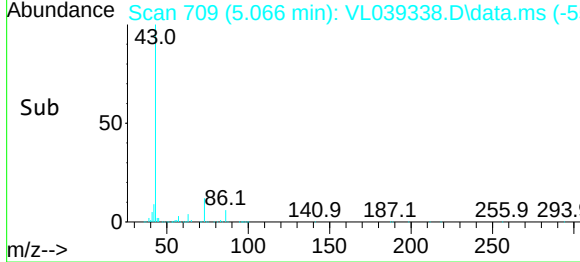
Tgt Ion: 43 Resp: 98539

Ion	Ratio	Lower	Upper
43	100		
86	6.5	6.0	9.0
42	9.6	8.2	12.4
44	5.7	4.3	6.5

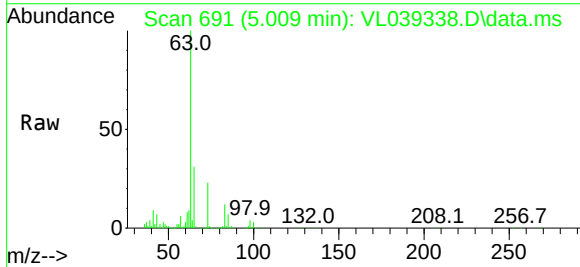
Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/27/2022
 Supervised By :Mahesh Dadoda 06/30/2022

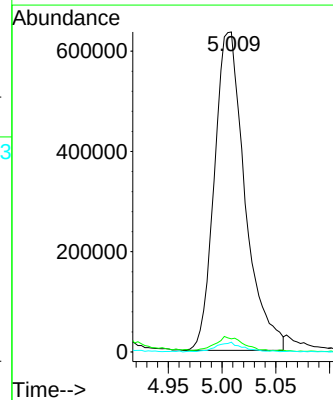
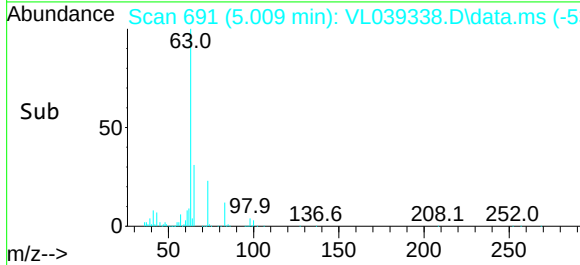


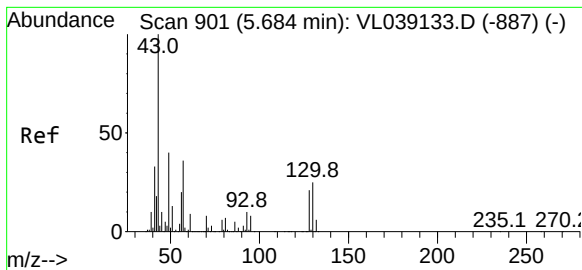
#24
 1,1-Dichloroethane
 Concen: 8.670 ppbv
 RT: 5.009 min Scan# 691
 Delta R.T. -0.010 min
 Lab File: VL039338.D
 Acq: 24 Jun 2022 12:17



Tgt Ion: 63 Resp: 1257505

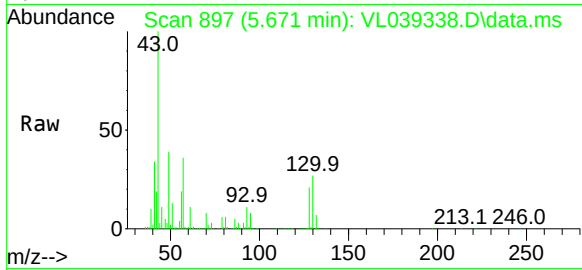
Ion	Ratio	Lower	Upper
63	100		
98	3.5	2.1	6.2
100	3.1	1.5	4.5





#25
Ethyl Acetate
Concen: 10.124 ppbv
RT: 5.671 min Scan# 897
Delta R.T. -0.013 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

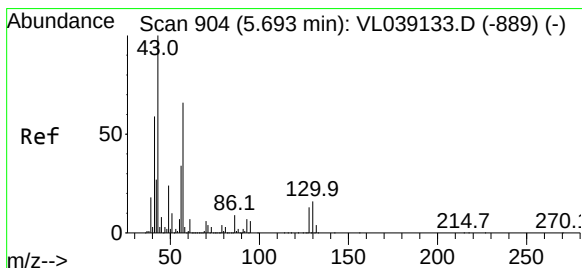
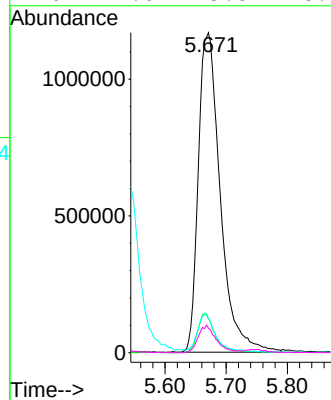
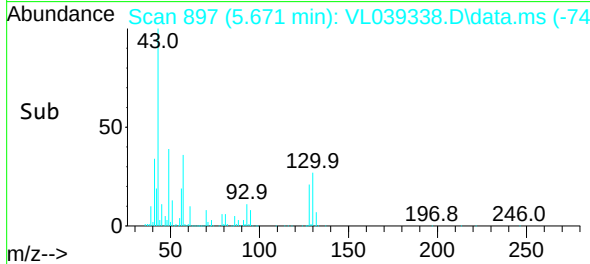
Instrument :
MSVOA_L
ClientSampleId :
VL0624ABS01



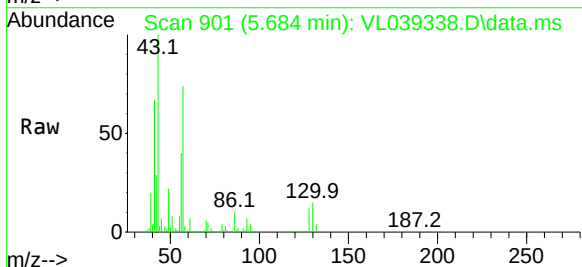
Tgt Ion: 43 Resp: 2919429
Ion Ratio Lower Upper
43 100
45 10.0 8.2 12.2
61 10.2 8.4 12.6
70 7.0 5.6 8.4

Manual Integrations
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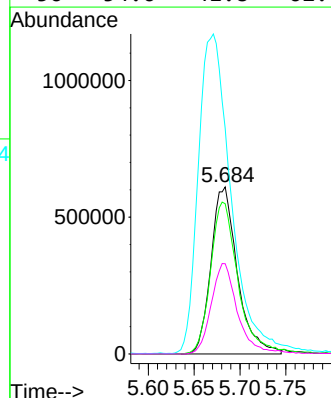
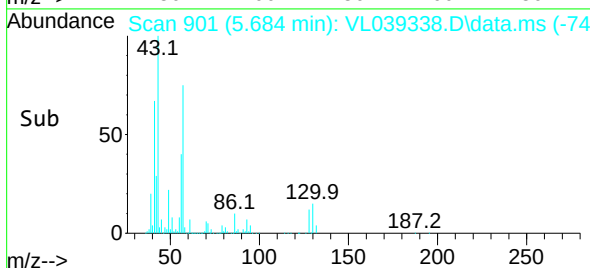
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

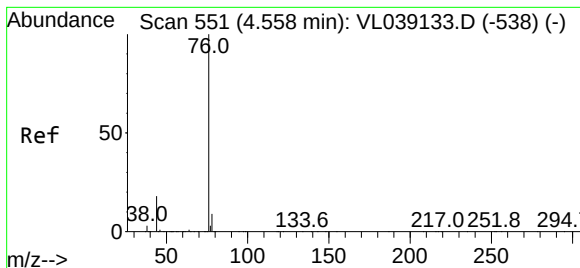


#26
Hexane
Concen: 9.679 ppbv
RT: 5.684 min Scan# 901
Delta R.T. -0.010 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17



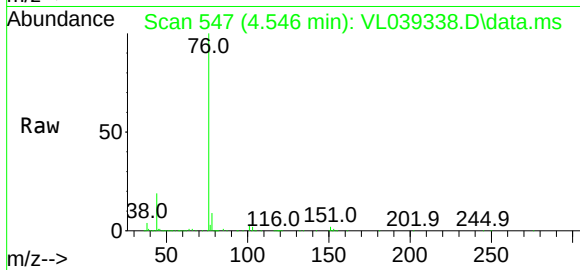
Tgt Ion: 57 Resp: 1226529
Ion Ratio Lower Upper
57 100
41 96.3 72.4 108.6
43 240.2 187.0 280.6
56 54.6 41.8 62.6





#27
Carbon Disulfide
Concen: 11.607 ppbv
RT: 4.546 min Scan# 547
Delta R.T. -0.013 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

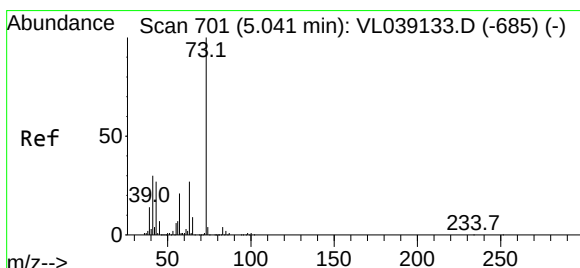
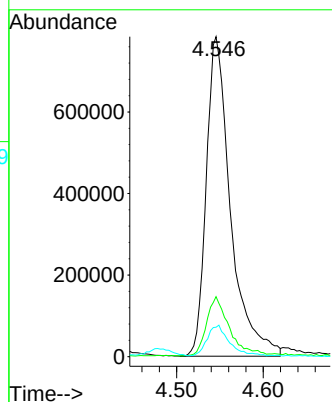
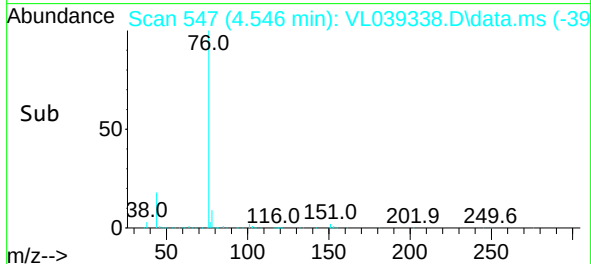
Instrument : MSVOA_L
ClientSampleId : VL0624ABS01



Tgt Ion: 76 Resp: 1524468
Ion Ratio Lower Upper
76 100
44 18.4 14.4 21.6
78 9.6 7.7 11.5

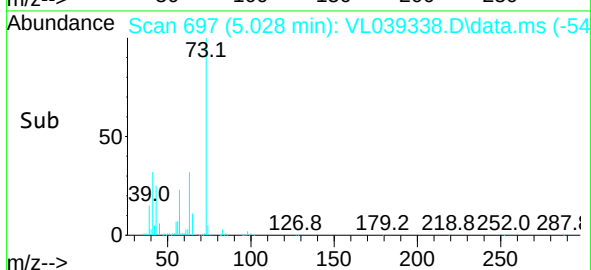
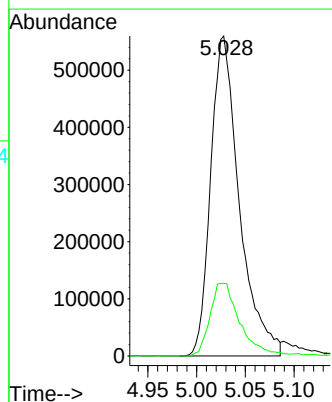
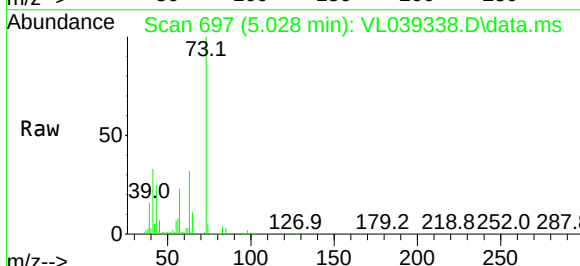
Manual Integrations
APPROVED

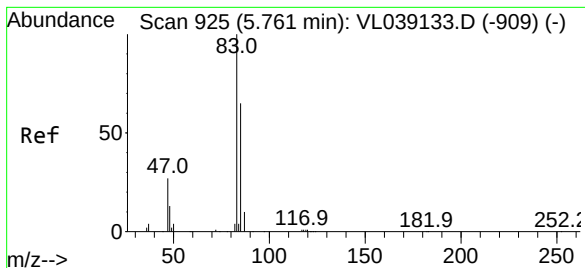
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#28
Methyl tert-Butyl Ether
Concen: 8.178 ppbv
RT: 5.028 min Scan# 697
Delta R.T. -0.013 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

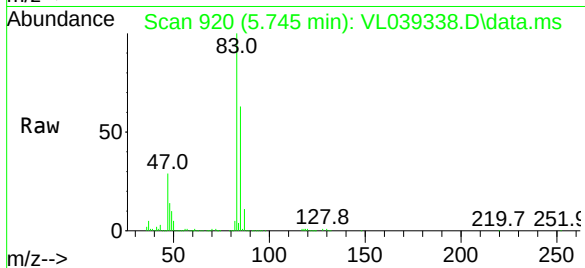
Tgt Ion: 73 Resp: 1144101
Ion Ratio Lower Upper
73 100
57 24.2 18.6 27.8





#29
Chloroform
Concen: 9.346 ppbv
RT: 5.745 min Scan# 91
Delta R.T. -0.016 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

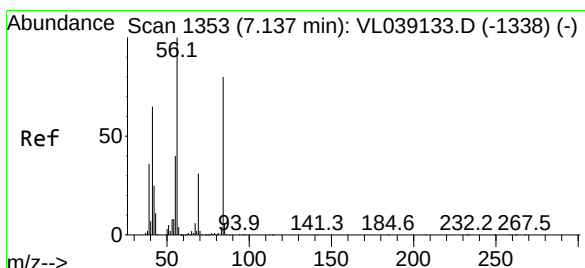
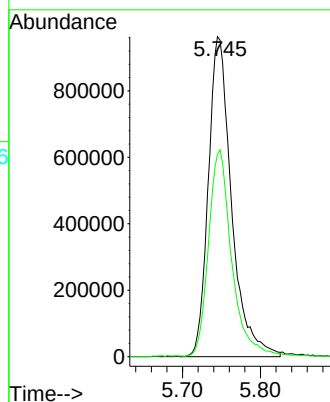
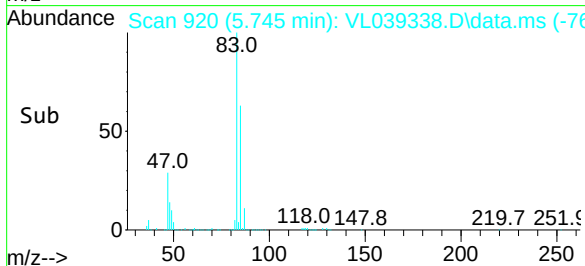
Instrument :
MSVOA_L
ClientSampleId :
VL0624ABS01



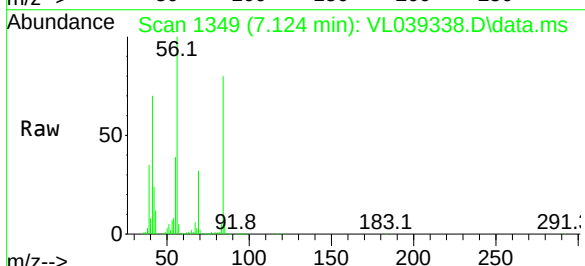
Tgt Ion: 83 Resp: 199282
Ion Ratio Lower Upper
83 100
85 63.1 52.4 78.6

Manual Integrations
APPROVED

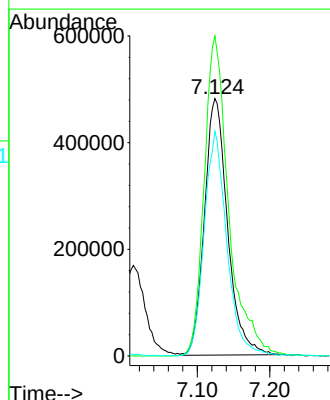
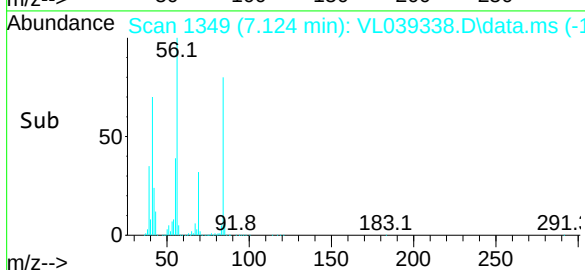
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

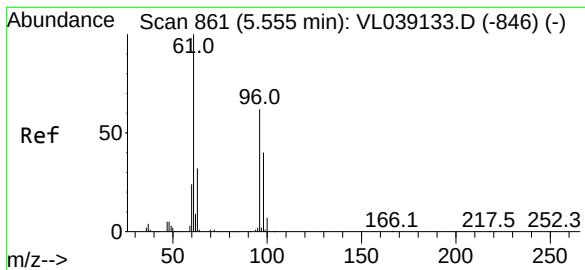


#30
Cyclohexane
Concen: 10.033 ppbv
RT: 7.124 min Scan# 1349
Delta R.T. -0.013 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17



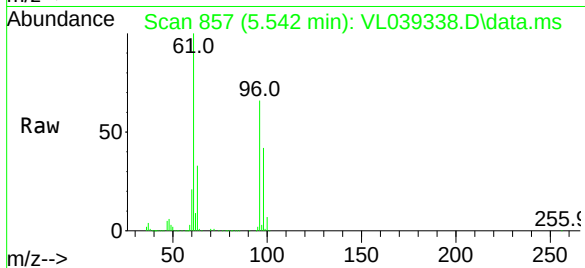
Tgt Ion: 84 Resp: 1068025
Ion Ratio Lower Upper
84 100
56 133.0 110.6 165.8
41 85.5 68.9 103.3





#31
cis-1,2-Dichloroethene
Concen: 9.377 ppbv
RT: 5.542 min Scan# 81
Delta R.T. -0.013 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

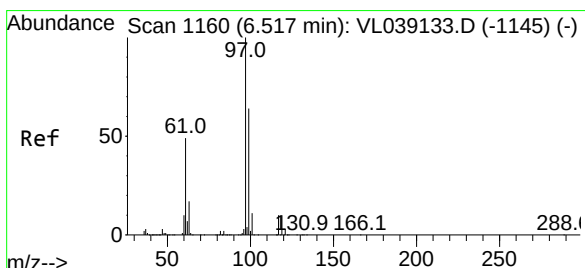
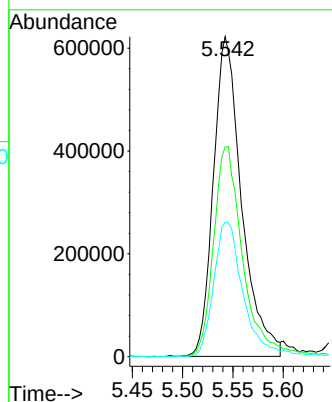
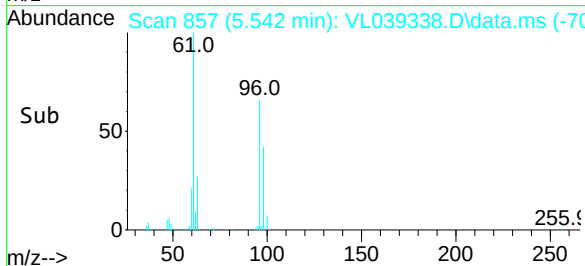
Instrument :
MSVOA_L
ClientSampleId :
VL0624ABS01



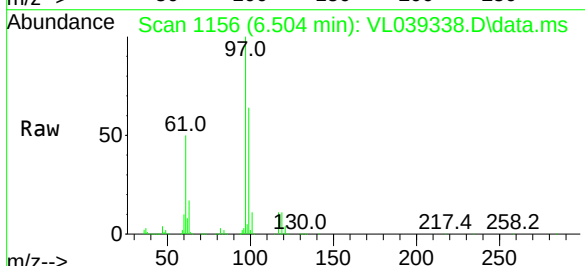
Tgt Ion: 61 Resp: 121159
Ion Ratio Lower Upper
61 100
96 65.5 49.9 74.9
98 42.0 32.0 48.0

Manual Integrations
APPROVED

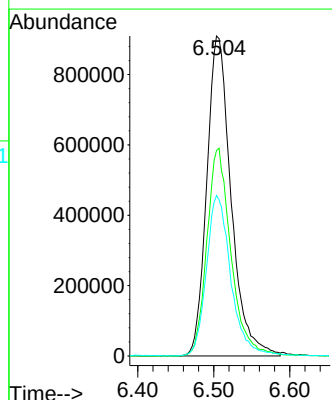
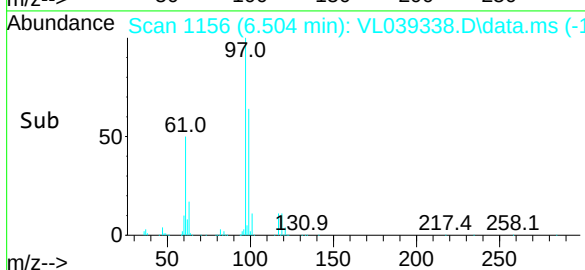
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

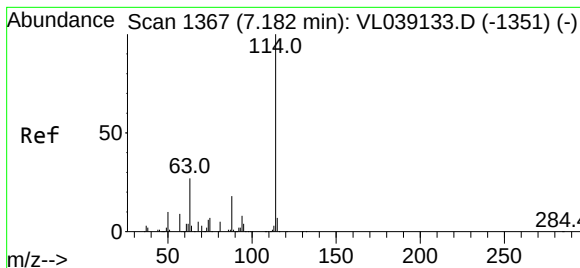


#32
1,1,1-Trichloroethane
Concen: 9.681 ppbv
RT: 6.504 min Scan# 1156
Delta R.T. -0.013 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17



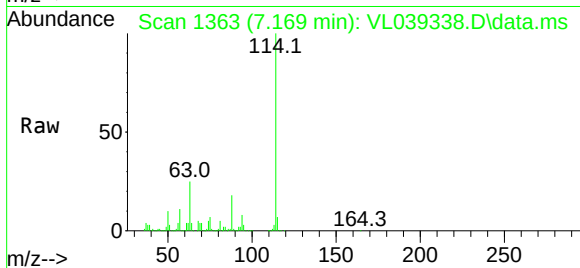
Tgt Ion: 97 Resp: 202000
Ion Ratio Lower Upper
97 100
99 64.6 52.1 78.1
61 50.9 40.0 60.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

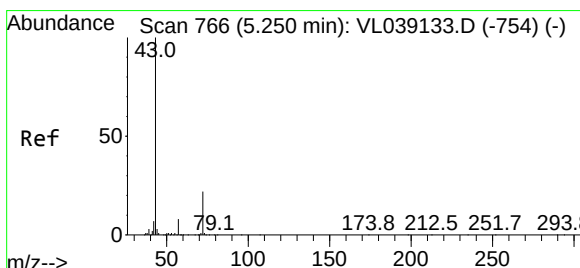
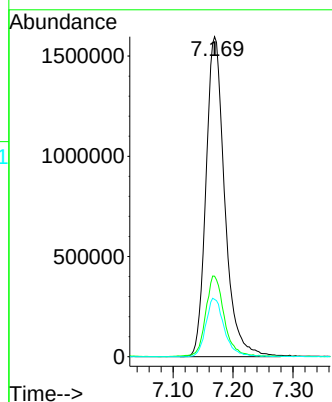
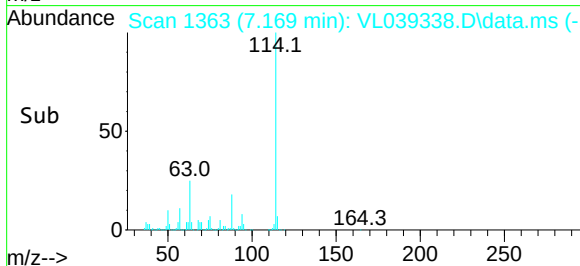
Instrument :
MSVOA_L
ClientSampleId :
VL0624ABS01



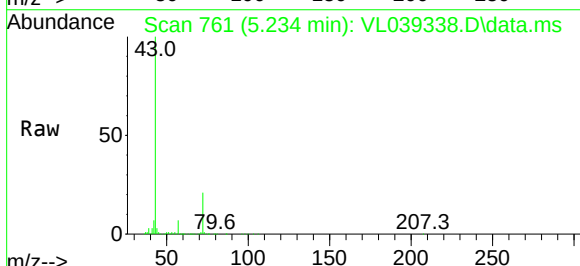
Tgt Ion:114 Resp: 3479350
Ion Ratio Lower Upper
114 100
63 25.0 21.7 32.5
88 18.1 14.8 22.2

Manual Integrations
APPROVED

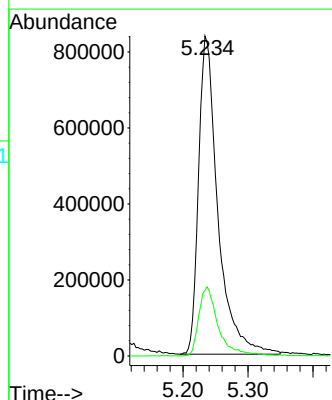
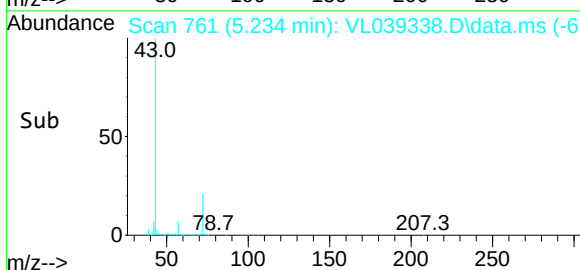
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

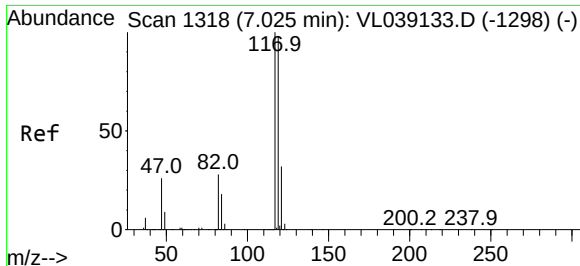


#34
2-Butanone
Concen: 9.173 ppbv
RT: 5.234 min Scan# 761
Delta R.T. -0.016 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17



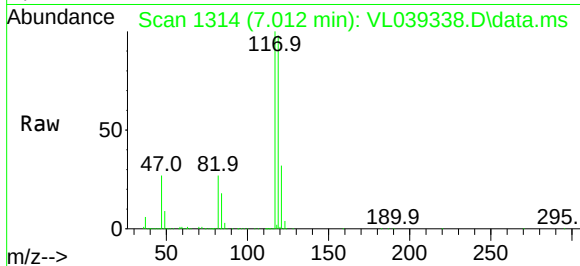
Tgt Ion: 43 Resp: 1733966
Ion Ratio Lower Upper
43 100
72 22.0 18.2 27.2





#35
Carbon Tetrachloride
Concen: 8.351 ppbv
RT: 7.012 min Scan# 11
Delta R.T. -0.013 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

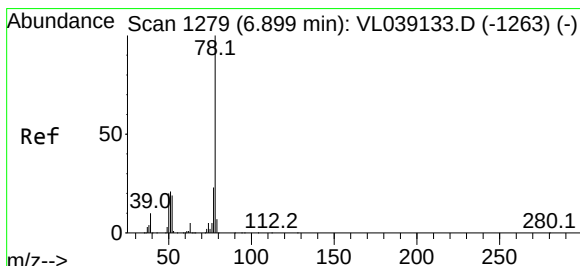
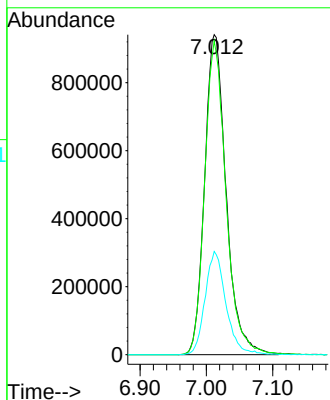
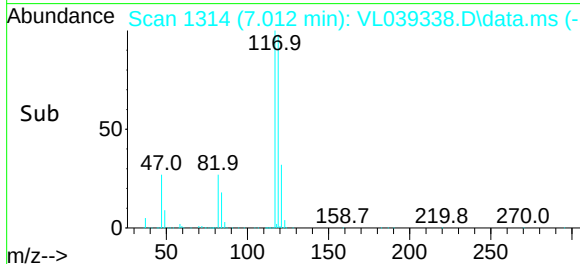
Instrument :
MSVOA_L
ClientSampleId :
VL0624ABS01



Tgt Ion: 117 Resp: 2120749
Ion Ratio Lower Upper
117 100
119 98.0 78.6 118.0
121 32.2 25.4 38.0

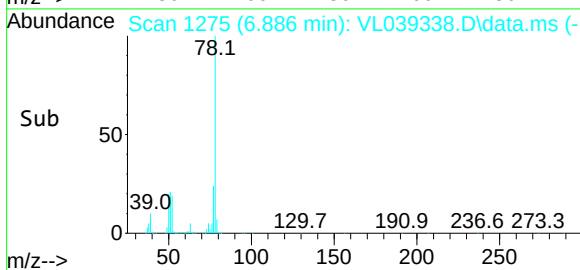
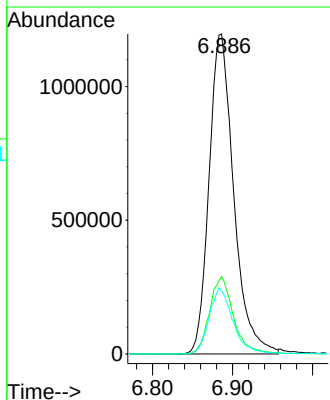
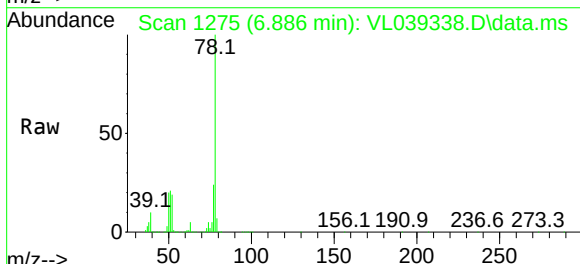
Manual Integrations
APPROVED

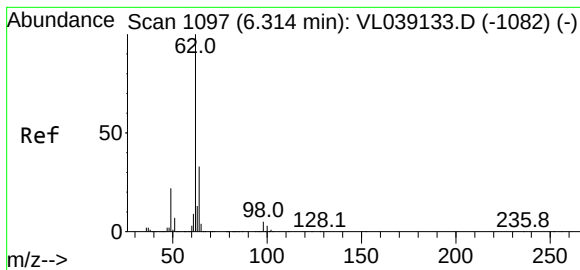
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#36
Benzene
Concen: 9.064 ppbv
RT: 6.886 min Scan# 1275
Delta R.T. -0.013 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

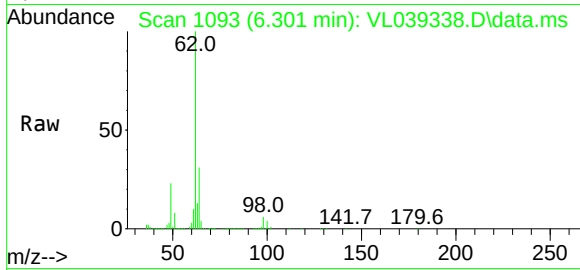
Tgt Ion: 78 Resp: 2560354
Ion Ratio Lower Upper
78 100
77 24.2 18.6 27.8
50 19.5 15.8 23.8





#37
1,2-Dichloroethane
Concen: 8.257 ppbv
RT: 6.301 min Scan# 1093
Delta R.T. -0.013 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

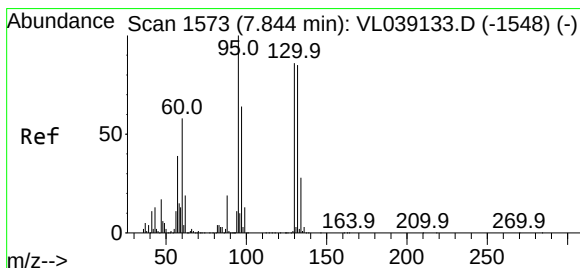
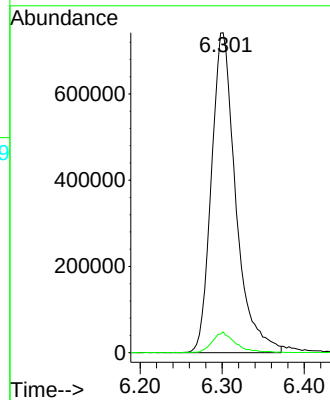
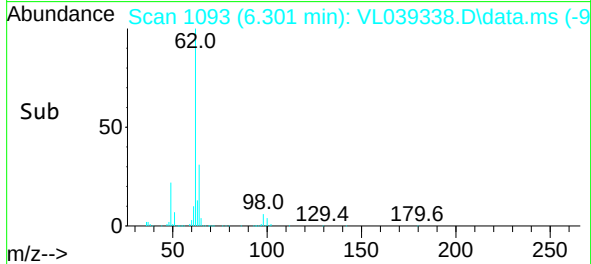
Instrument :
MSVOA_L
ClientSampleId :
VL0624ABS01



Tgt Ion: 62 Resp: 153496
Ion Ratio Lower Upper
62 100
98 6.3 4.3 6.5

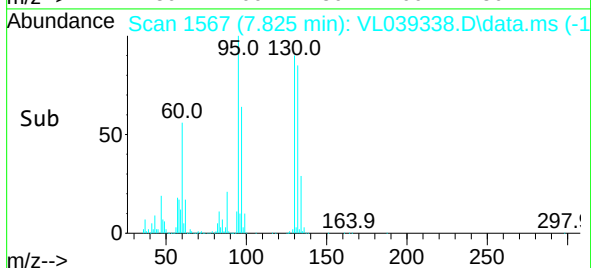
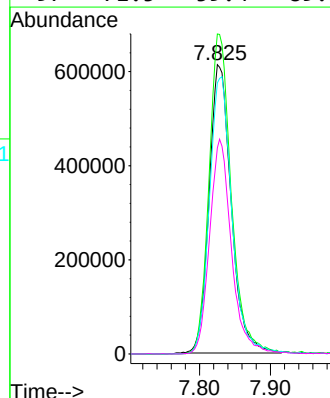
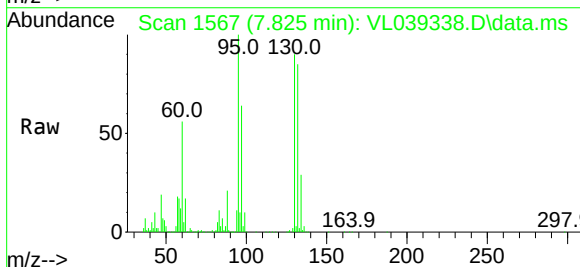
Manual Integrations
APPROVED

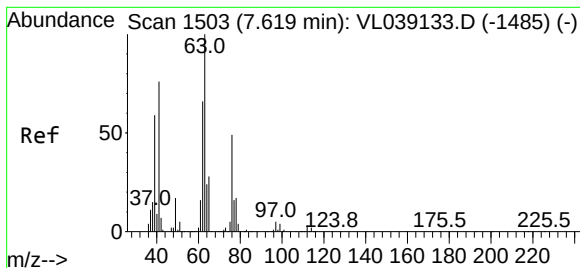
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#38
Trichloroethene
Concen: 10.231 ppbv
RT: 7.825 min Scan# 1567
Delta R.T. -0.019 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

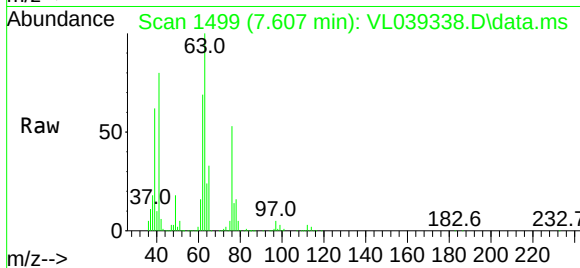
Tgt Ion:130 Resp: 1327465
Ion Ratio Lower Upper
130 100
95 110.9 93.3 139.9
132 93.9 79.0 118.4
97 71.5 59.4 89.2





#39
1,2-Dichloropropane
Concen: 8.656 ppbv
RT: 7.607 min Scan# 1499
Delta R.T. -0.013 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

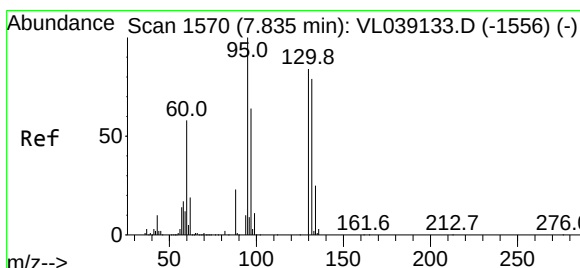
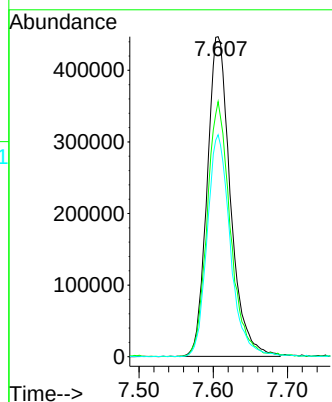
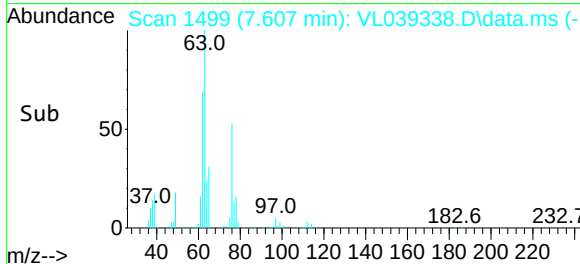
Instrument :
MSVOA_L
ClientSampleId :
VL0624ABS01



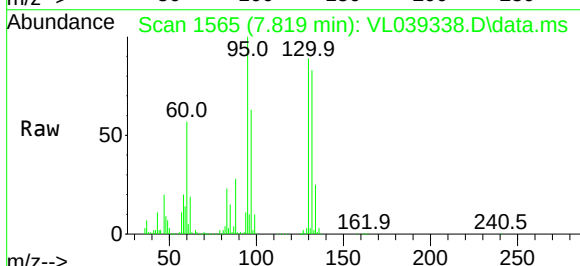
Tgt Ion: 63 Resp: 97258
Ion Ratio Lower Upper
63 100
41 79.6 60.8 91.2
62 69.4 52.9 79.3

Manual Integrations
APPROVED

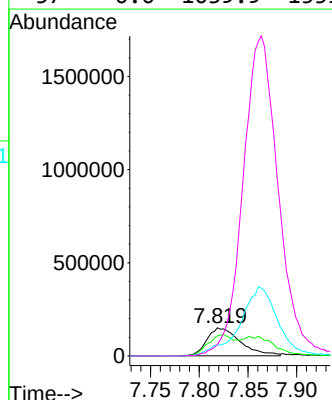
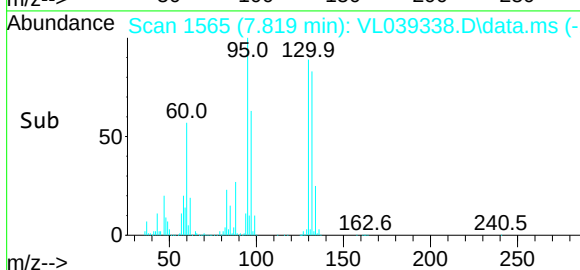
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

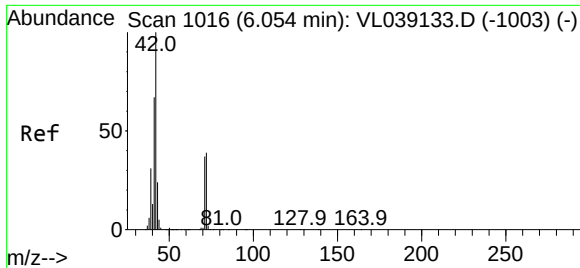


#40
1,4-Dioxane
Concen: 9.670 ppbv
RT: 7.819 min Scan# 1565
Delta R.T. -0.016 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17



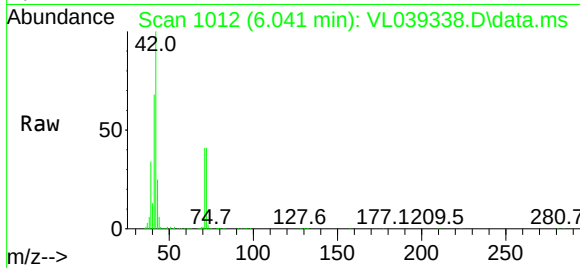
Tgt Ion: 88 Resp: 357687
Ion Ratio Lower Upper
88 100
58 63.1 111.2 166.8#
43 0.0 234.2 351.4#
57 0.0 1039.9 1559.9#





#41
Tetrahydrofuran
Concen: 8.729 ppbv
RT: 6.041 min Scan# 1016
Delta R.T. -0.013 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

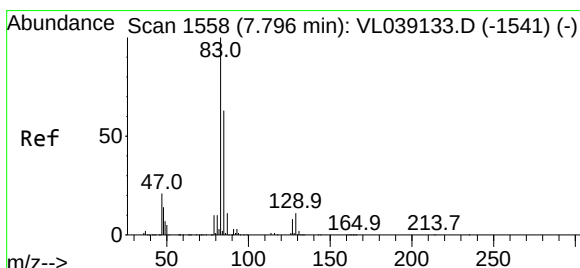
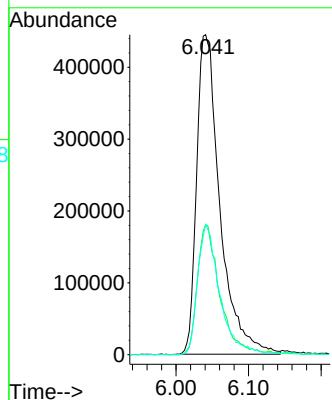
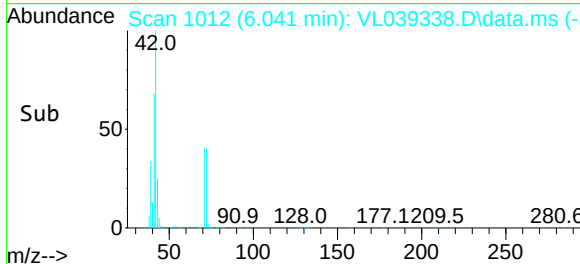
Instrument :
MSVOA_L
ClientSampleId :
VL0624ABS01



Tgt Ion: 42 Resp: 99235
Ion Ratio Lower Upper
42 100
72 39.9 32.0 48.0
71 39.1 31.1 46.7

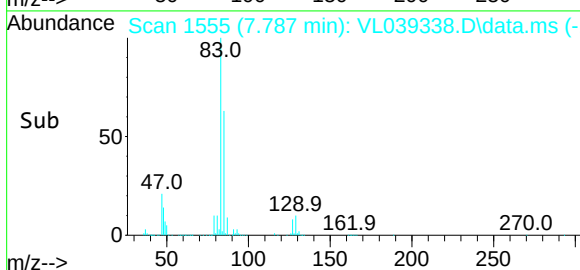
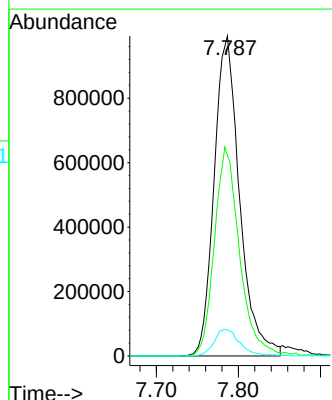
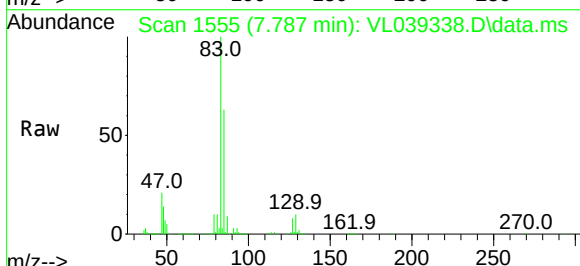
Manual Integrations
APPROVED

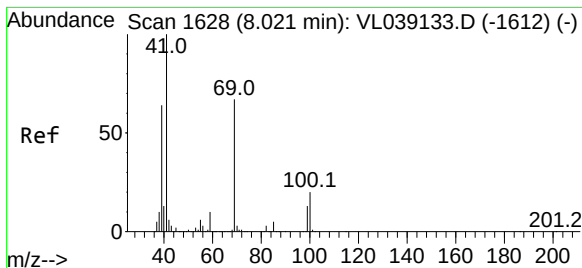
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#42
Bromodichloromethane
Concen: 8.319 ppbv
RT: 7.787 min Scan# 1555
Delta R.T. -0.010 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

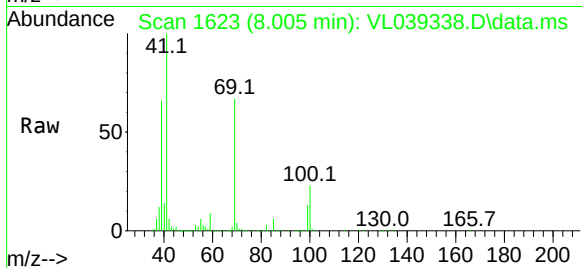
Tgt Ion: 83 Resp: 2146194
Ion Ratio Lower Upper
83 100
85 62.7 50.2 75.4
127 8.2 6.6 9.8





#43
Methyl Methacrylate
Concen: 9.456 ppbv
RT: 8.005 min Scan# 1623
Delta R.T. -0.016 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

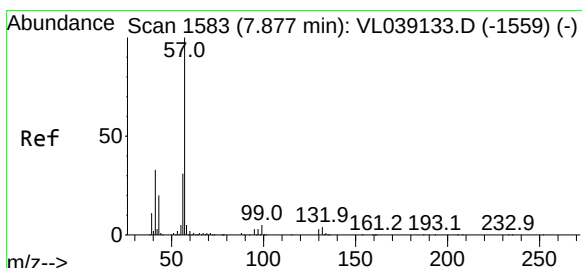
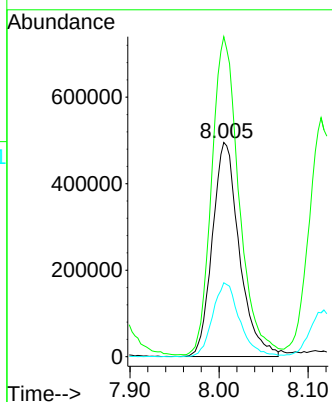
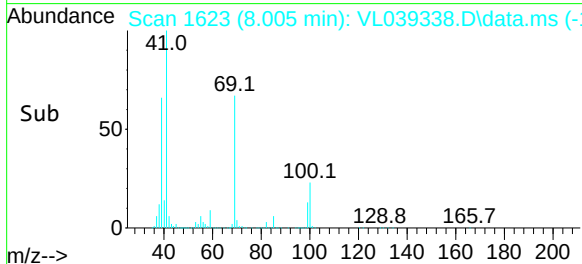
Instrument :
MSVOA_L
ClientSampleId :
VL0624ABS01



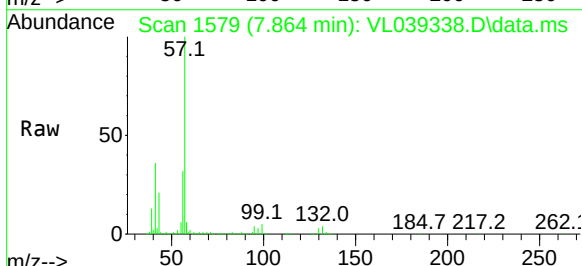
Tgt Ion: 69 Resp: 1040400
Ion Ratio Lower Upper
69 100
41 152.2 121.9 182.9
100 34.7 24.1 36.1

Manual Integrations
APPROVED

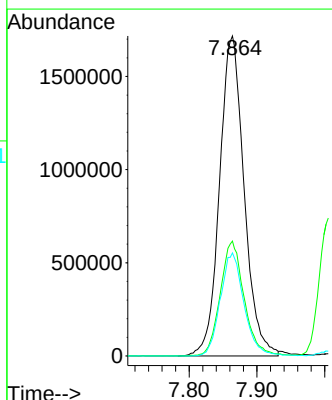
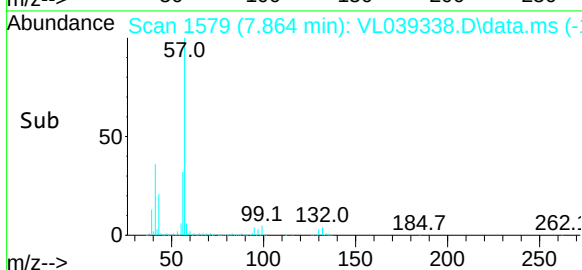
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

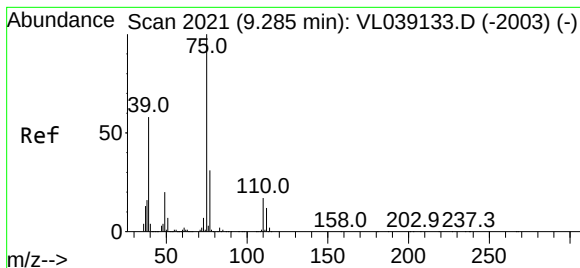


#44
2,2,4-Trimethylpentane
Concen: 8.743 ppbv
RT: 7.864 min Scan# 1579
Delta R.T. -0.013 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17



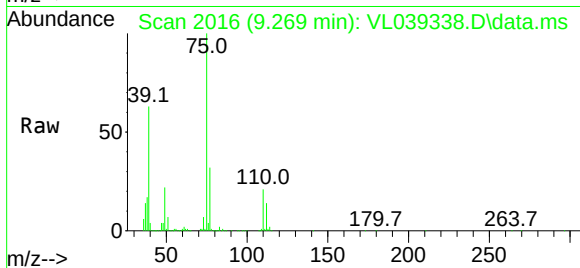
Tgt Ion: 57 Resp: 4320409
Ion Ratio Lower Upper
57 100
41 35.0 26.2 39.4
56 31.0 24.7 37.1





#45
t-1,3-Dichloropropene
Concen: 9.014 ppbv
RT: 9.269 min Scan# 20
Delta R.T. -0.016 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

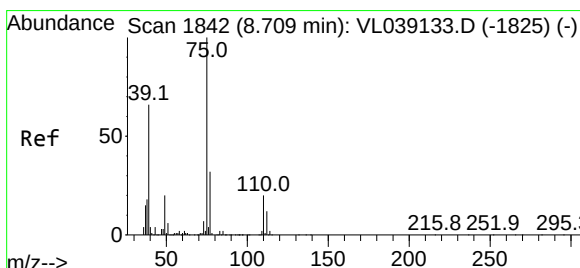
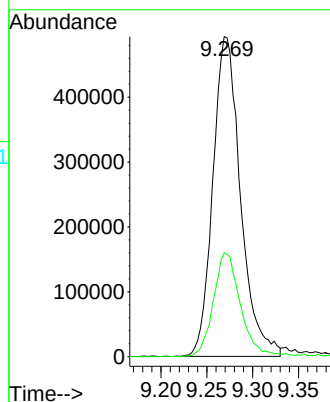
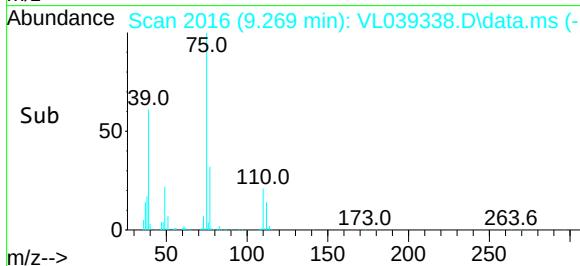
Instrument :
MSVOA_L
ClientSampleId :
VL0624ABS01



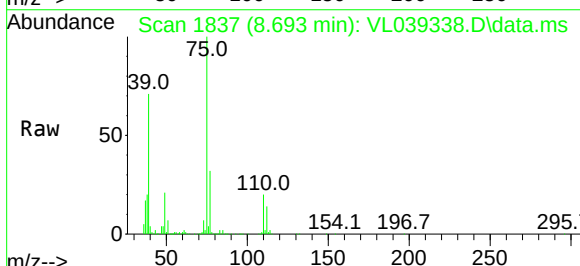
Tgt Ion: 75 Resp: 103289
Ion Ratio Lower Upper
75 100
77 32.5 24.4 36.6

Manual Integrations
APPROVED

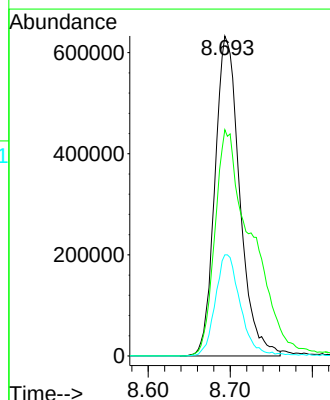
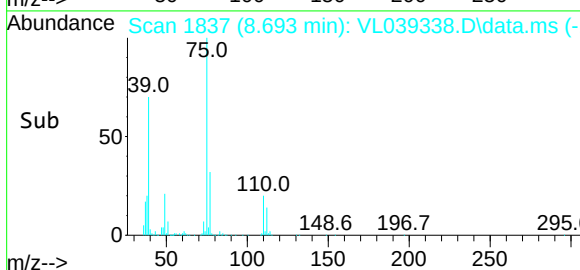
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

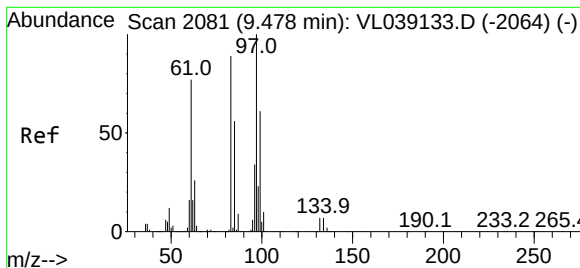


#46
cis-1,3-Dichloropropene
Concen: 8.765 ppbv
RT: 8.693 min Scan# 1837
Delta R.T. -0.016 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17



Tgt Ion: 75 Resp: 1326770
Ion Ratio Lower Upper
75 100
39 70.6 52.4 78.6
77 31.6 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 9.142 ppbv

RT: 9.468 min Scan# 2081

Delta R.T. -0.010 min

Lab File: VL039338.D

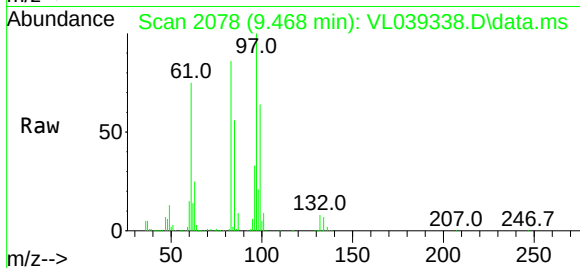
Acq: 24 Jun 2022 12:17

Instrument :

MSVOA_L

ClientSampleId :

VL0624ABS01



Tgt Ion: 97 Resp: 107156

Ion Ratio Lower Upper

97 100

83 85.5 71.6 107.4

85 55.9 44.8 67.2

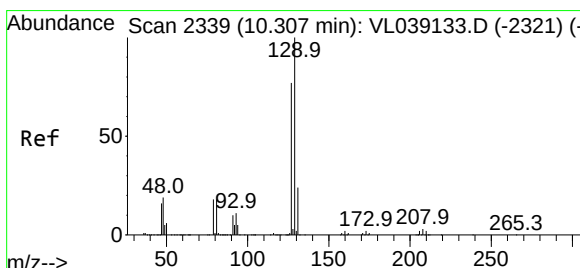
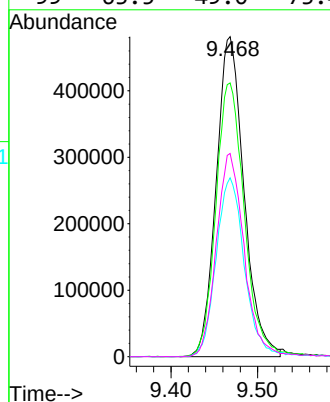
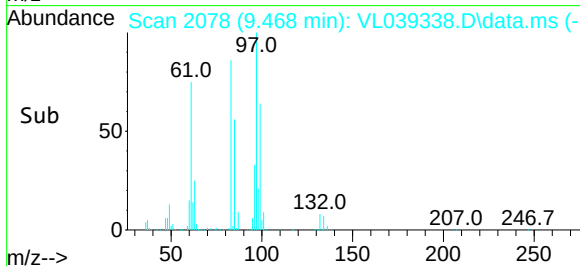
99 63.5 49.0 73.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2022

Supervised By :Mahesh Dadoda 06/30/2022



#48

Dibromochloromethane

Concen: 9.126 ppbv

RT: 10.298 min Scan# 2336

Delta R.T. -0.010 min

Lab File: VL039338.D

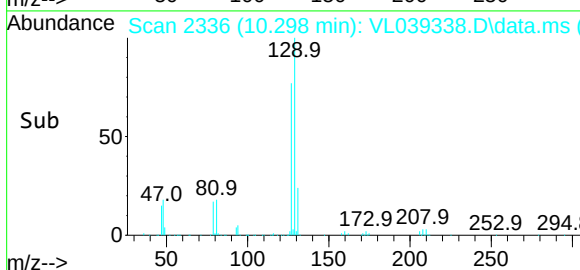
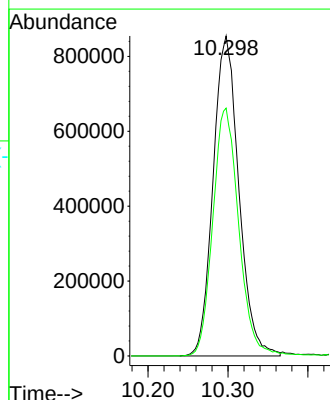
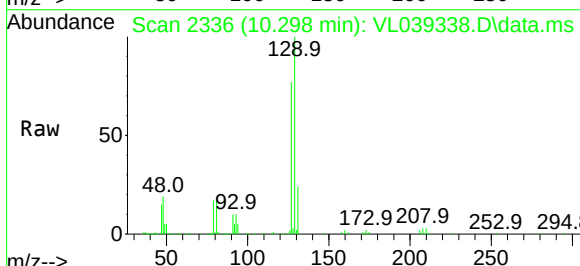
Acq: 24 Jun 2022 12:17

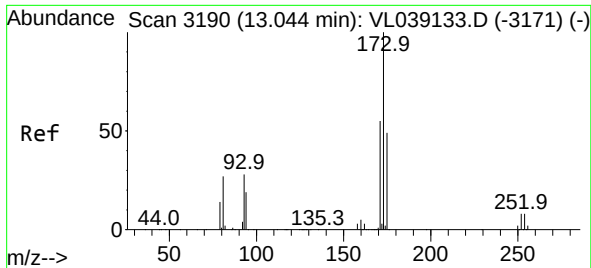
Tgt Ion:129 Resp: 1910143

Ion Ratio Lower Upper

129 100

127 78.6 40.0 119.9





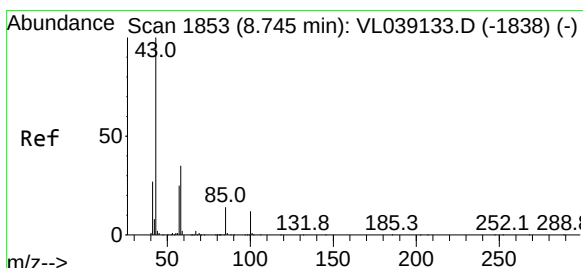
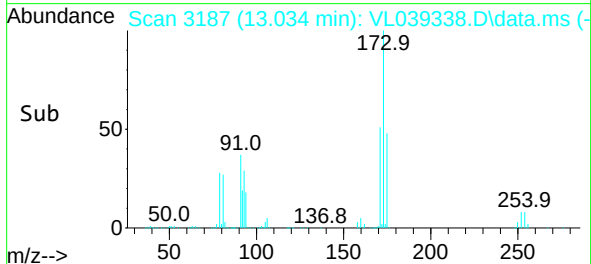
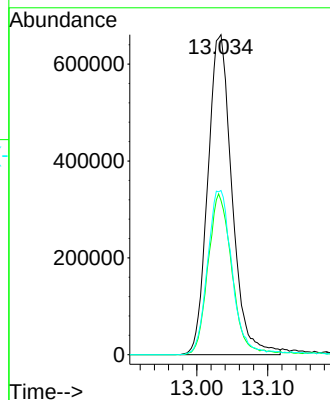
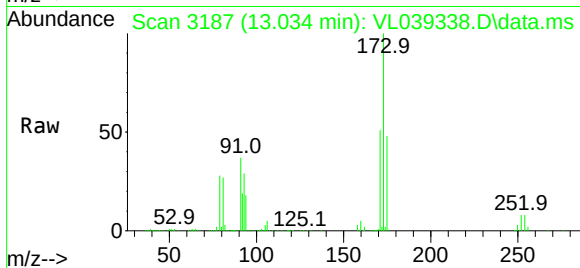
#49
Bromoform
Concen: 8.995 ppbv
RT: 13.034 min Scan# 3190
Delta R.T. -0.010 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

Instrument :
MSVOA_L
ClientSampleId :
VL0624ABS01

Tgt Ion:173 Resp: 156886
Ion Ratio Lower Upper
173 100
175 49.9 40.2 60.2
171 53.1 43.9 65.9

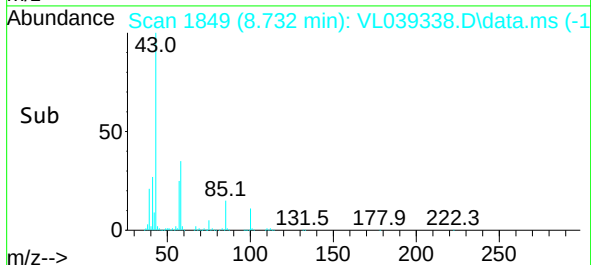
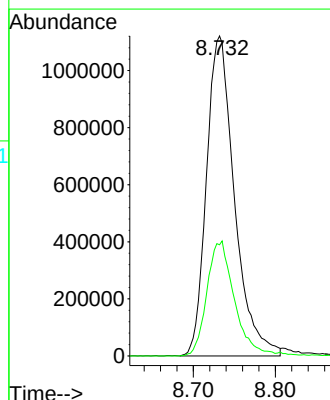
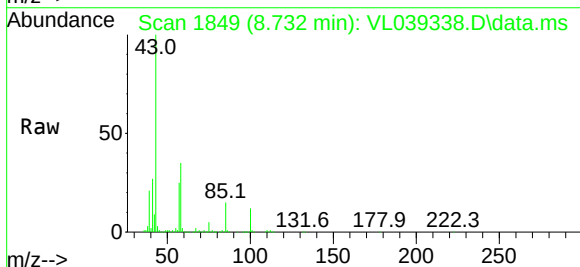
Manual Integrations
APPROVED

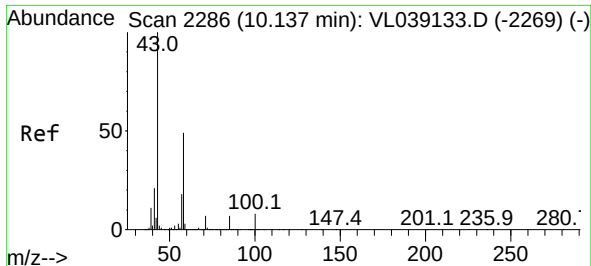
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#50
4-Methyl-2-Pentanone
Concen: 9.398 ppbv
RT: 8.732 min Scan# 1849
Delta R.T. -0.013 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

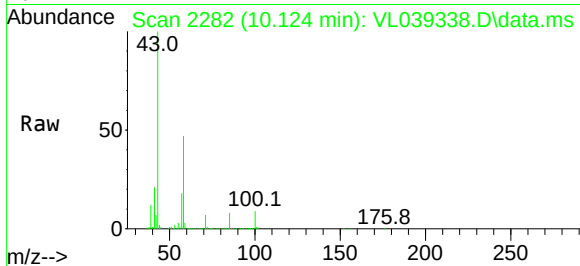
Tgt Ion: 43 Resp: 2659200
Ion Ratio Lower Upper
43 100
58 35.8 28.7 43.1





#51
2-Hexanone
Concen: 9.451 ppbv
RT: 10.124 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

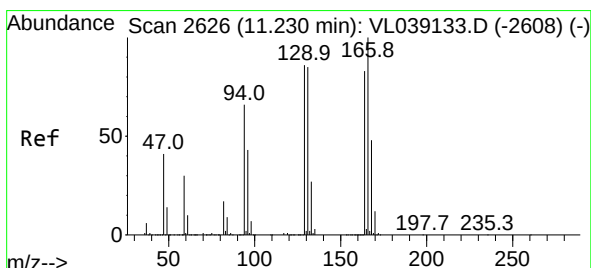
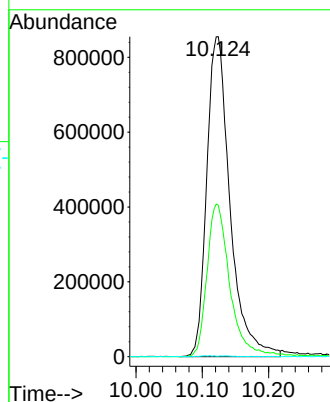
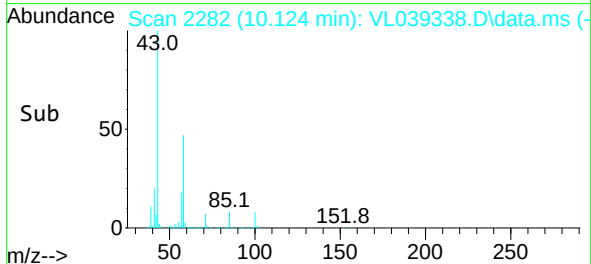
Instrument :
MSVOA_L
ClientSampleId :
VL0624ABS01



Tgt Ion: 43 Resp: 2080700
Ion Ratio Lower Upper
43 100
58 47.1 40.0 60.0
98 0.3 0.1 0.1

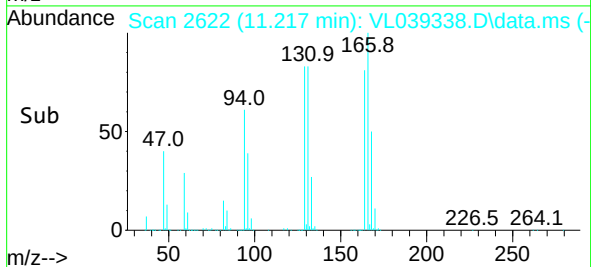
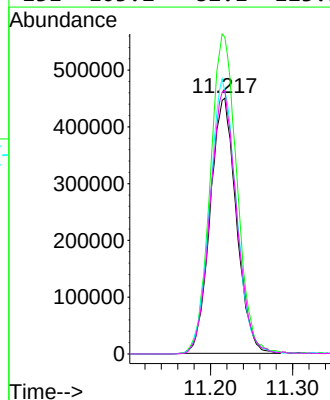
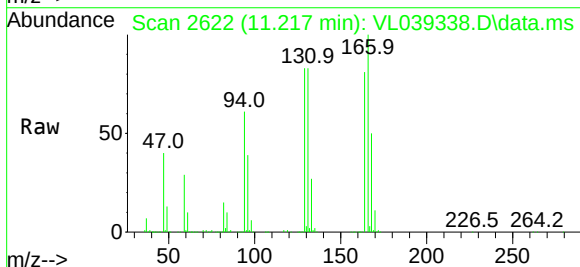
Manual Integrations
APPROVED

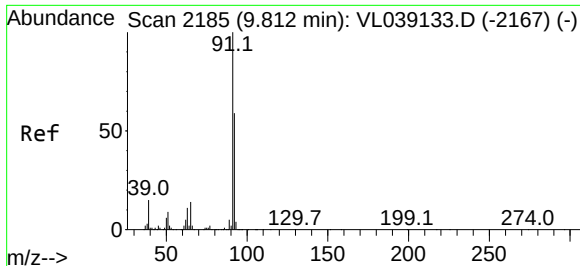
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#52
Tetrachloroethene
Concen: 8.974 ppbv
RT: 11.217 min Scan# 2622
Delta R.T. -0.013 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

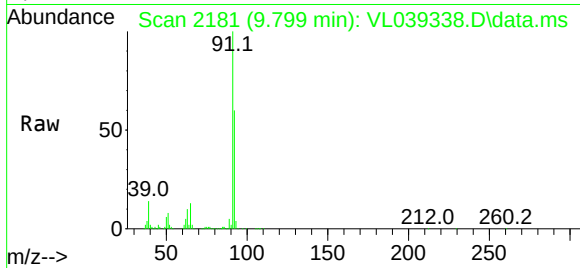
Tgt Ion:164 Resp: 989724
Ion Ratio Lower Upper
164 100
166 123.9 96.3 144.5
129 102.5 82.5 123.7
131 103.2 82.1 123.1





#53
Toluene
Concen: 9.591 ppbv
RT: 9.799 min Scan# 2181
Delta R.T. -0.013 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

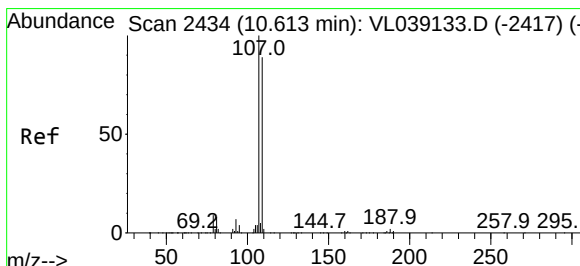
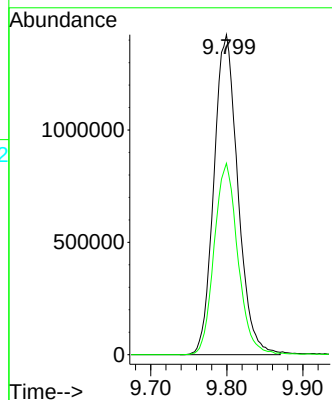
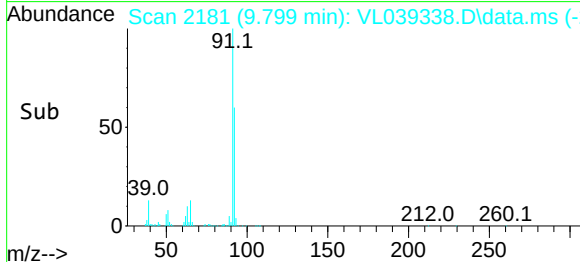
Instrument : MSVOA_L
ClientSampleId : VL0624ABS01



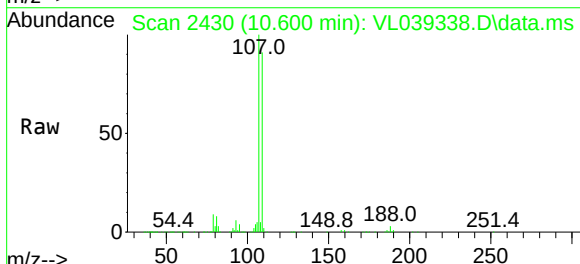
Tgt Ion: 91 Resp: 3119680
Ion Ratio Lower Upper
91 100
92 59.4 48.1 72.1

Manual Integrations
APPROVED

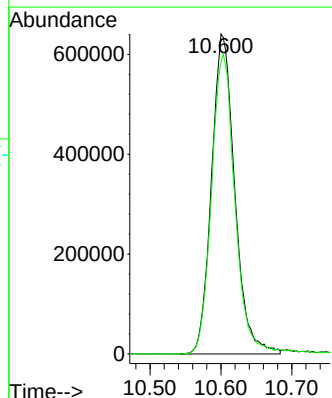
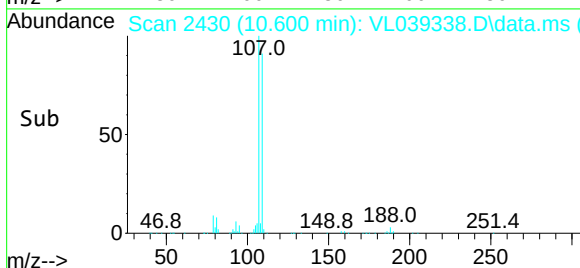
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

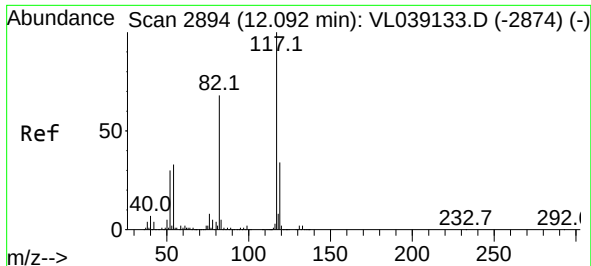


#54
1,2-Dibromoethane
Concen: 9.275 ppbv
RT: 10.600 min Scan# 2430
Delta R.T. -0.013 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17



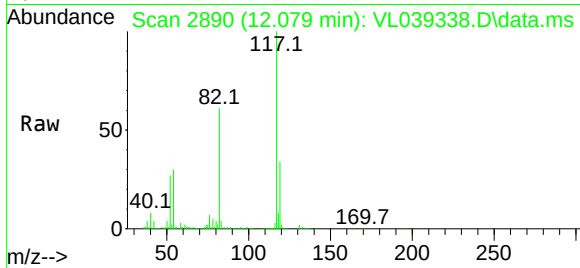
Tgt Ion:107 Resp: 1460926
Ion Ratio Lower Upper
107 100
109 91.2 71.4 107.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.079 min Scan# 2890
Delta R.T. -0.013 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

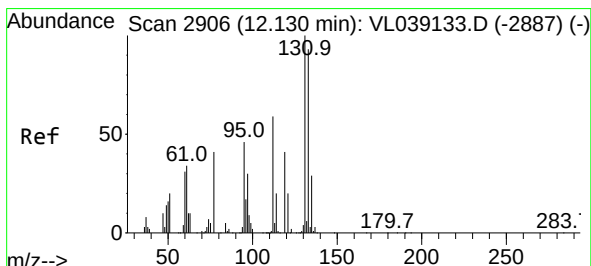
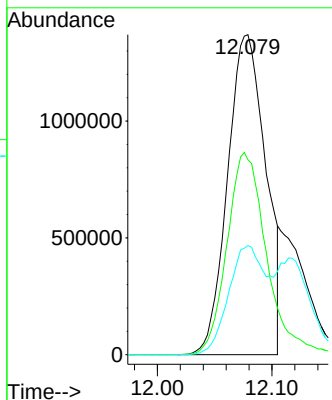
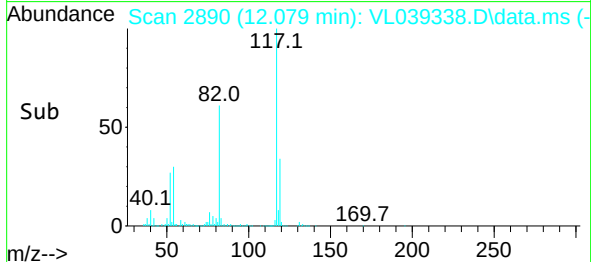
Instrument :
MSVOA_L
ClientSampleId :
VL0624ABS01



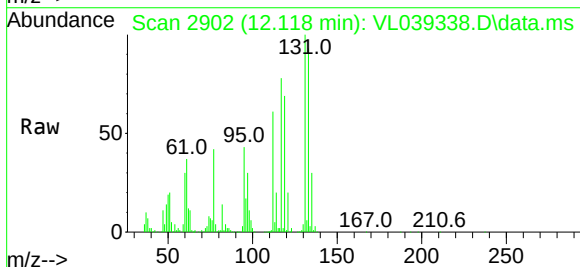
Tgt Ion:117 Resp: 3166704
Ion Ratio Lower Upper
117 100
82 66.6 55.1 82.7
119 34.6 24.7 37.1

Manual Integrations
APPROVED

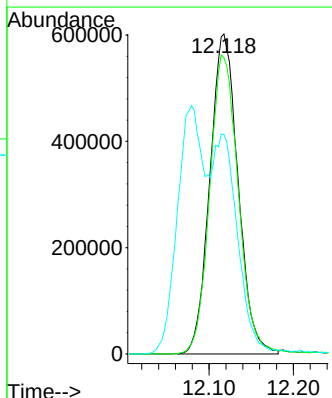
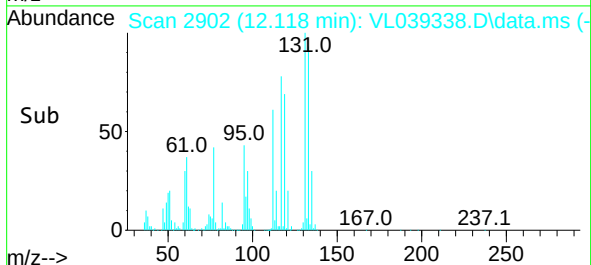
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

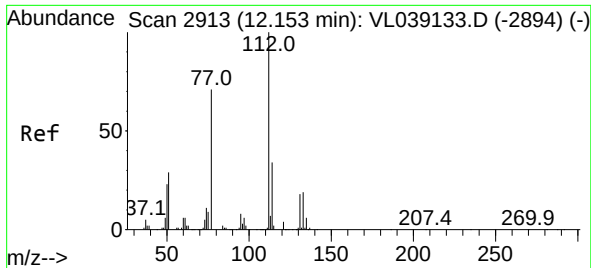


#56
1,1,1,2-Tetrachloroethane
Concen: 9.321 ppbv
RT: 12.118 min Scan# 2902
Delta R.T. -0.013 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17



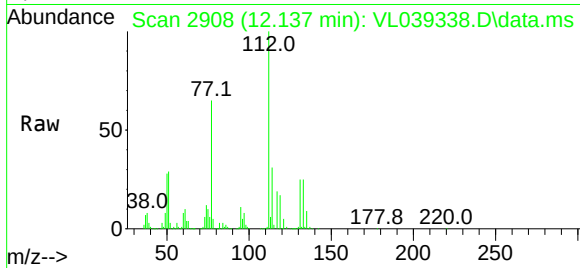
Tgt Ion:131 Resp: 1396620
Ion Ratio Lower Upper
131 100
133 95.7 78.6 117.8
119 57.9 51.7 77.5





#57
Chlorobenzene
Concen: 9.856 ppbv
RT: 12.137 min Scan# 2913
Delta R.T. -0.016 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

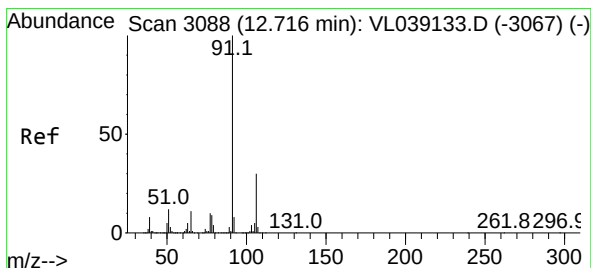
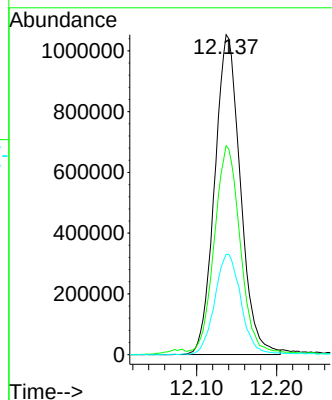
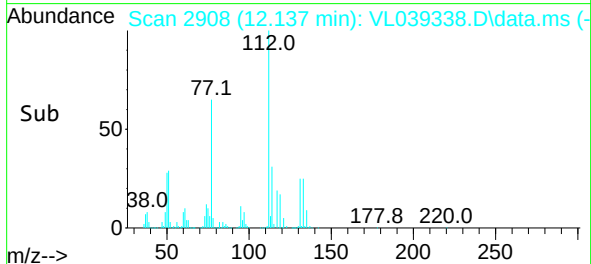
Instrument :
MSVOA_L
ClientSampleId :
VL0624ABS01



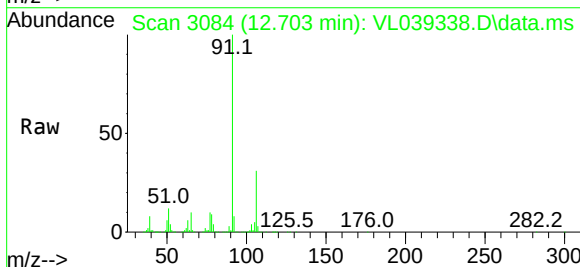
Tgt Ion:112 Resp: 2348294
Ion Ratio Lower Upper
112 100
77 64.3 56.5 84.7
114 31.3 30.3 37.1

Manual Integrations
APPROVED

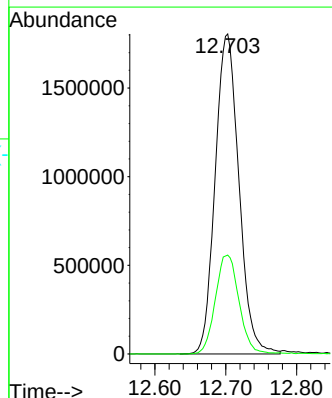
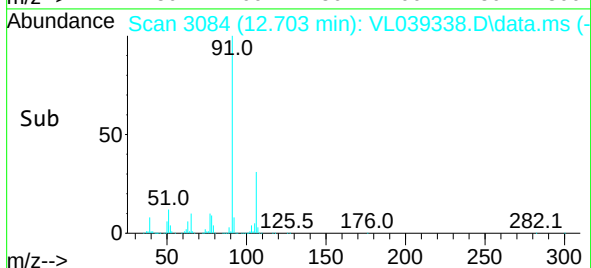
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

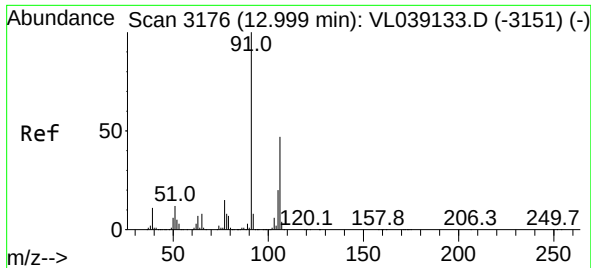


#58
Ethyl Benzene
Concen: 9.611 ppbv
RT: 12.703 min Scan# 3084
Delta R.T. -0.013 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17



Tgt Ion: 91 Resp: 4192476
Ion Ratio Lower Upper
91 100
106 30.9 24.2 36.4





#59

m/p-Xylene

Concen: 18.567 ppbv m

RT: 12.986 min Scan# 31

Delta R.T. -0.013 min

Lab File: VL039338.D

Acq: 24 Jun 2022 12:17

Instrument :

MSVOA_L

ClientSampleId :

VL0624ABS01

Tgt Ion: 91 Resp: 713193

Ion Ratio Lower Upper

91 100

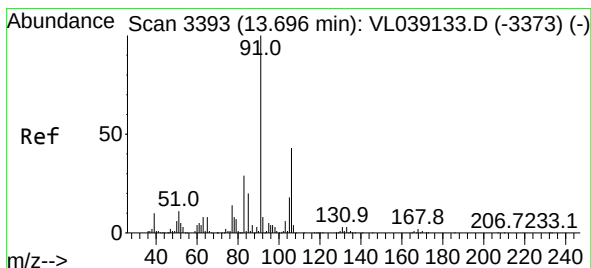
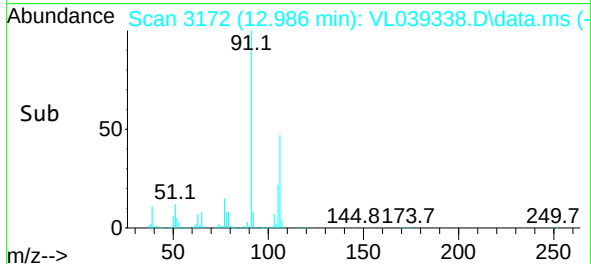
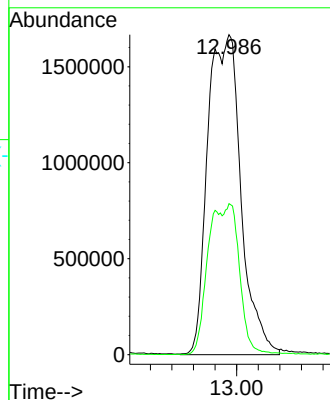
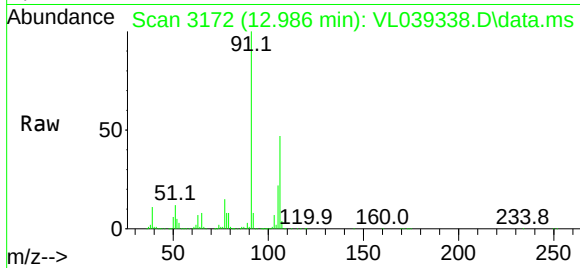
106 44.8 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2022

Supervised By :Mahesh Dadoda 06/30/2022



#60

o-Xylene

Concen: 9.557 ppbv

RT: 13.683 min Scan# 3389

Delta R.T. -0.013 min

Lab File: VL039338.D

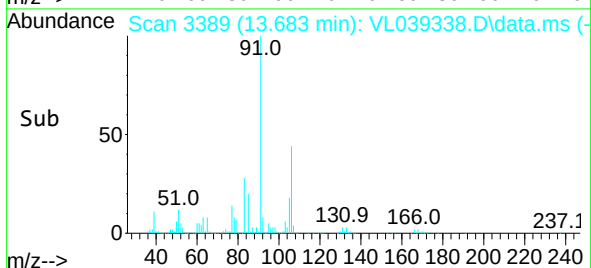
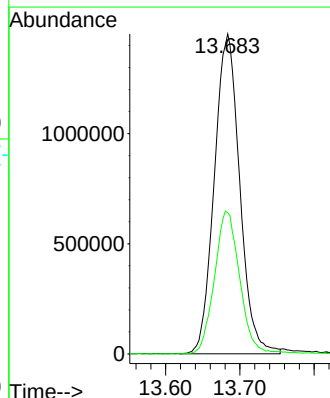
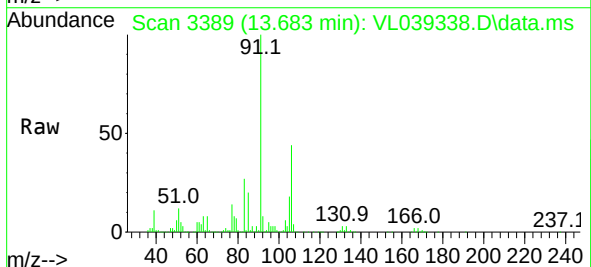
Acq: 24 Jun 2022 12:17

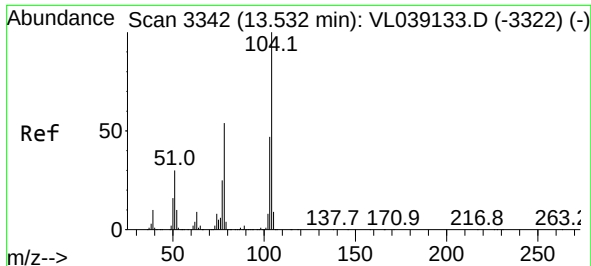
Tgt Ion: 91 Resp: 3449395

Ion Ratio Lower Upper

91 100

106 45.0 22.3 66.9





#61

Styrene

Concen: 10.578 ppbv

RT: 13.516 min Scan# 31

Delta R.T. -0.016 min

Lab File: VL039338.D

Acq: 24 Jun 2022 12:17

Instrument :

MSVOA_L

ClientSampleId :

VL0624ABS01

Tgt Ion:104 Resp: 2044640

Ion Ratio Lower Upper

104 100

78 51.7 45.7 68.5

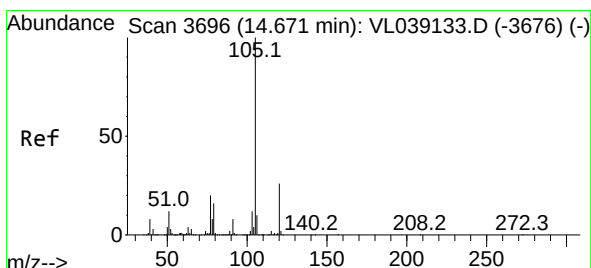
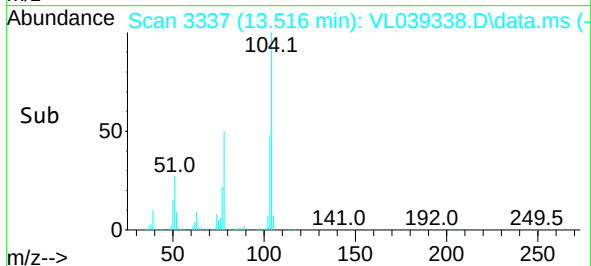
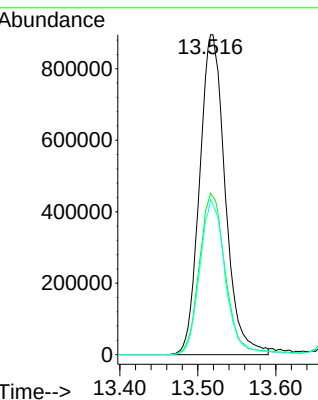
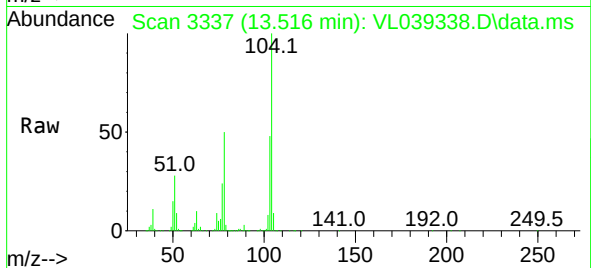
103 48.6 39.6 59.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2022

Supervised By :Mahesh Dadoda 06/30/2022



#62

Isopropylbenzene

Concen: 9.528 ppbv

RT: 14.658 min Scan# 3692

Delta R.T. -0.013 min

Lab File: VL039338.D

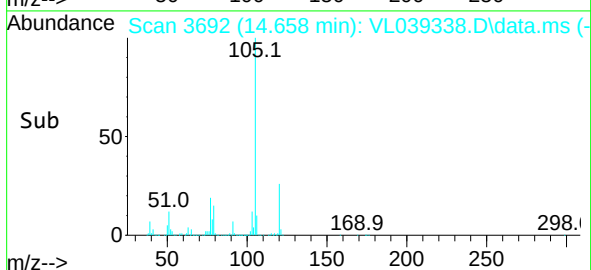
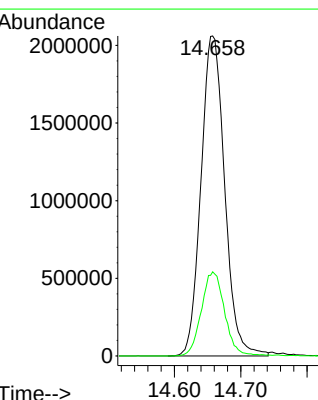
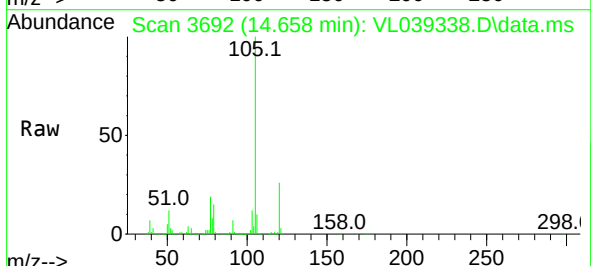
Acq: 24 Jun 2022 12:17

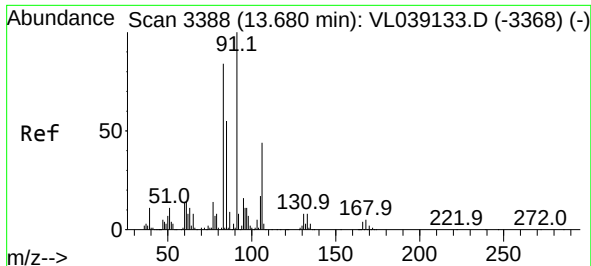
Tgt Ion:105 Resp: 5111377

Ion Ratio Lower Upper

105 100

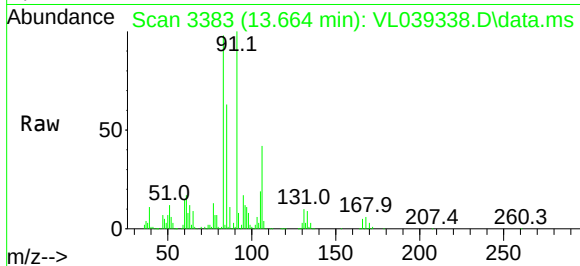
120 26.0 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 8.425 ppbv
RT: 13.664 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

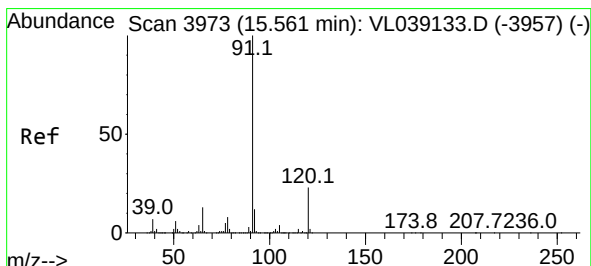
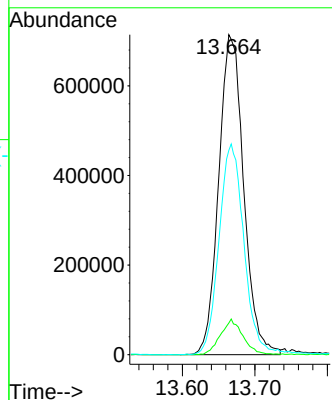
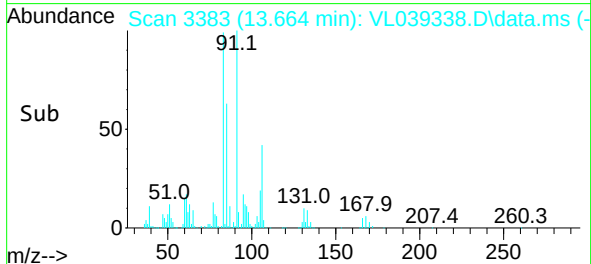
Instrument :
MSVOA_L
ClientSampleId :
VL0624ABS01



Tgt Ion: 83 Resp: 1706920
Ion Ratio Lower Upper
83 100
131 10.1 4.8 14.3
85 66.6 33.0 99.0

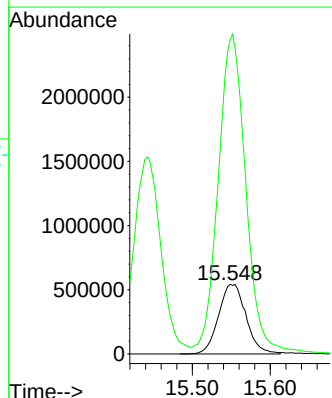
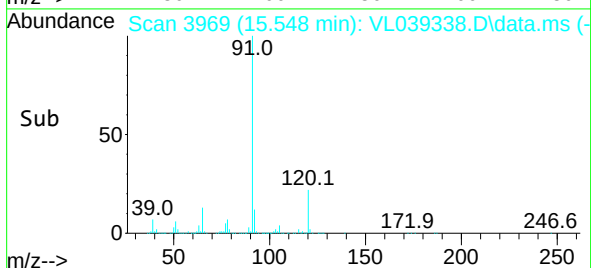
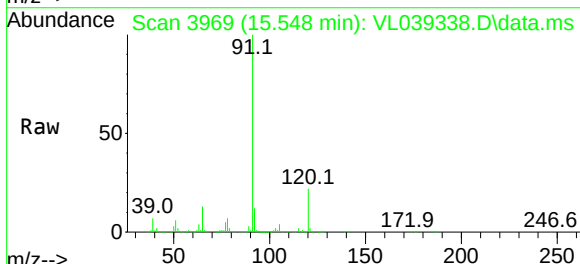
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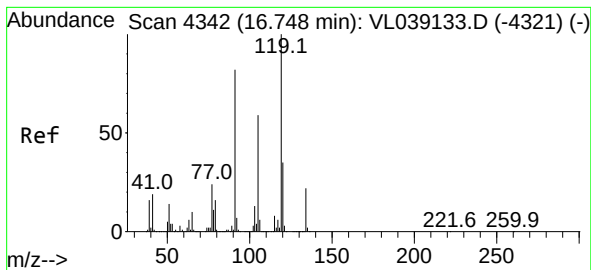
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022



#64
n-propylbenzene
Concen: 10.055 ppbv
RT: 15.548 min Scan# 3969
Delta R.T. -0.013 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

Tgt Ion:120 Resp: 1325977
Ion Ratio Lower Upper
120 100
91 464.6 388.4 582.6





#65

tert-Butylbenzene

Concen: 9.464 ppbv

RT: 16.735 min Scan# 41

Delta R.T. -0.013 min

Lab File: VL039338.D

Acq: 24 Jun 2022 12:17

Instrument :

MSVOA_L

ClientSampleId :

VL0624ABS01

Tgt Ion:119 Resp: 464274

Ion Ratio Lower Upper

119 100

91 80.3 67.1 100.7

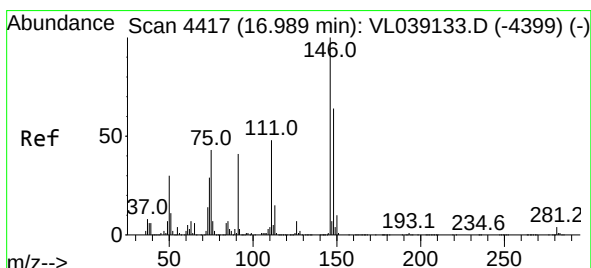
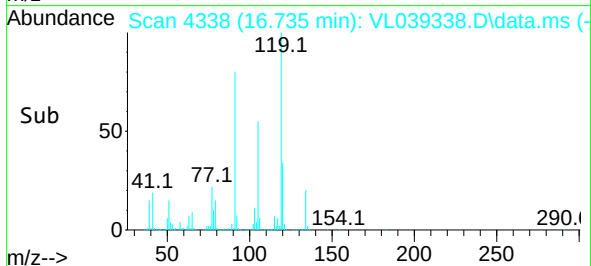
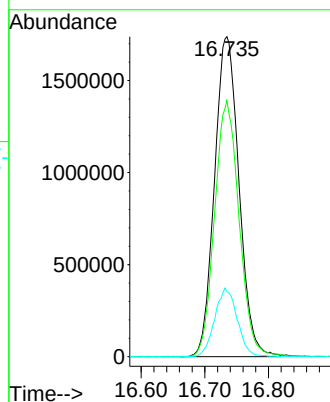
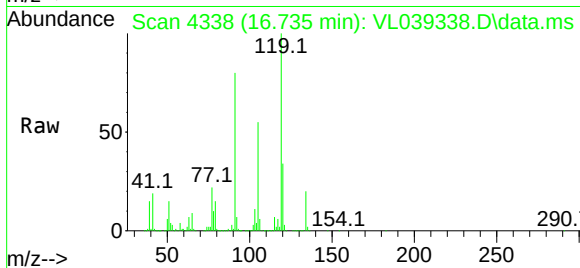
134 19.8 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2022

Supervised By :Mahesh Dadoda 06/30/2022



#66

Benzyl Chloride

Concen: 7.183 ppbv

RT: 16.976 min Scan# 4413

Delta R.T. -0.013 min

Lab File: VL039338.D

Acq: 24 Jun 2022 12:17

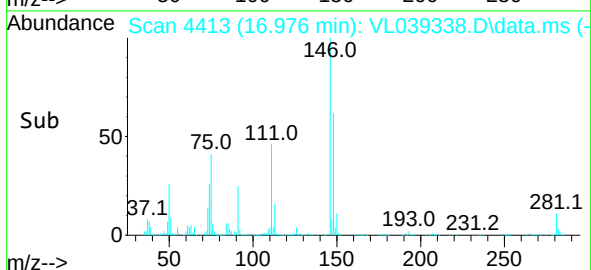
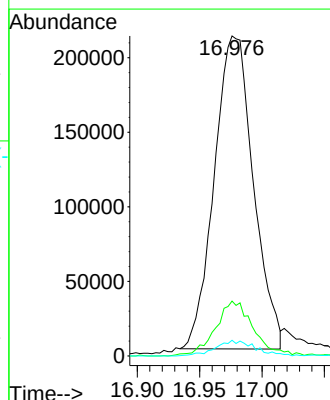
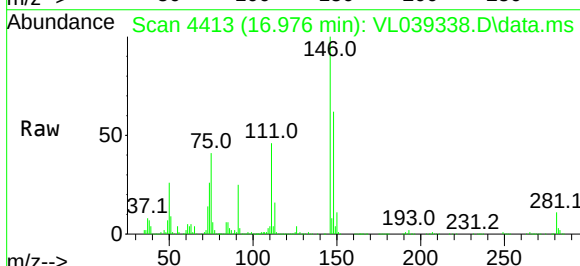
Tgt Ion: 91 Resp: 458151

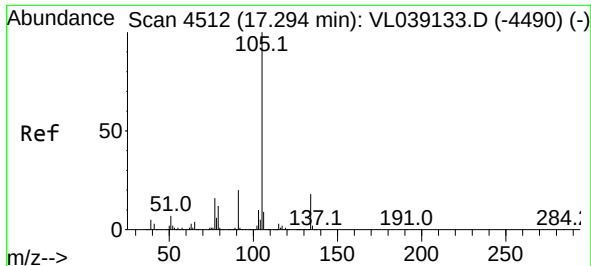
Ion Ratio Lower Upper

91 100

126 17.5 13.4 20.0

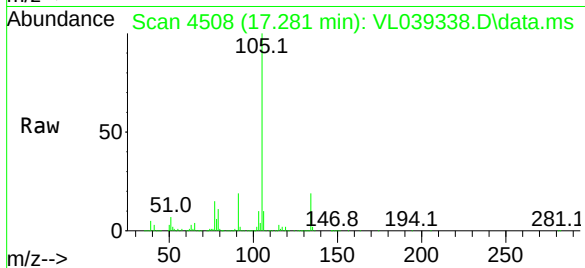
128 5.2 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 9.582 ppbv
 RT: 17.281 min Scan# 41
 Delta R.T. -0.013 min
 Lab File: VL039338.D
 Acq: 24 Jun 2022 12:17

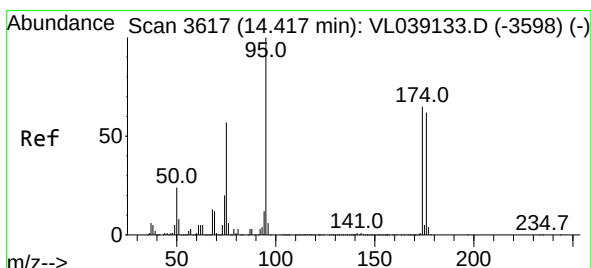
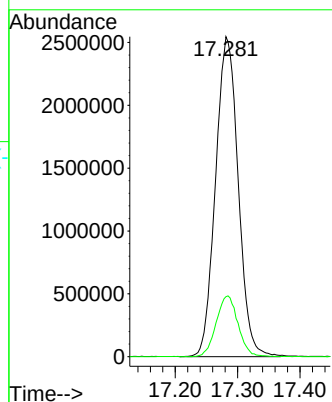
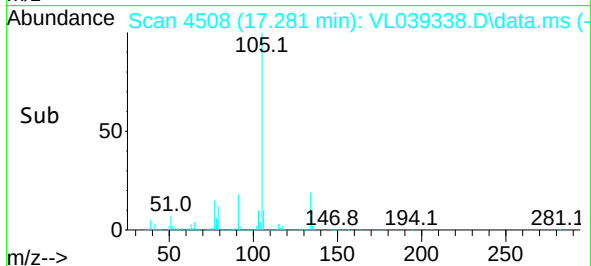
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0624ABS01



Tgt Ion: 105 Resp: 641374
 Ion Ratio Lower Upper
 105 100
 134 18.4 14.4 21.6

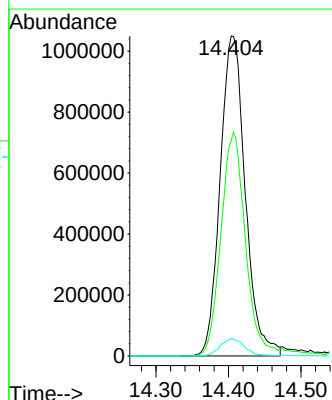
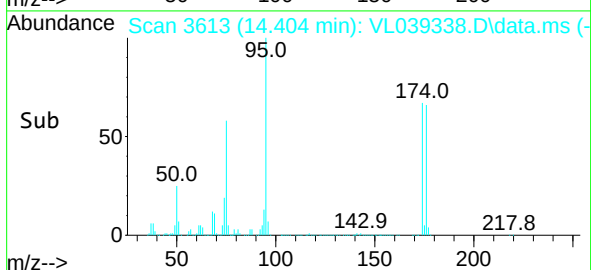
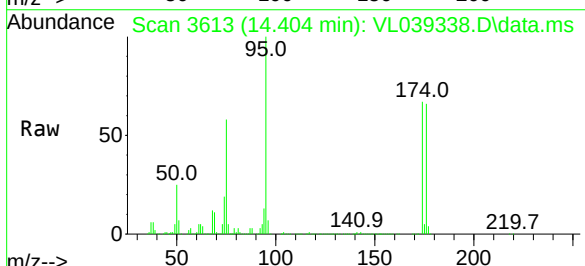
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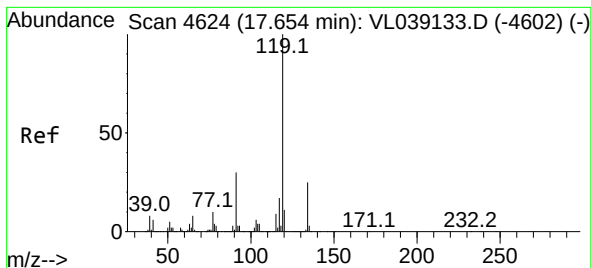
Reviewed By :Semsettin Yesilyurt 06/27/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.656 ppbv
 RT: 14.404 min Scan# 3613
 Delta R.T. -0.013 min
 Lab File: VL039338.D
 Acq: 24 Jun 2022 12:17

Tgt Ion: 95 Resp: 2527955
 Ion Ratio Lower Upper
 95 100
 174 70.4 53.8 80.8
 175 5.4 4.1 6.1





#69

p-Isopropyltoluene

Concen: 9.734 ppbv

RT: 17.641 min Scan# 4620

Delta R.T. -0.013 min

Lab File: VL039338.D

Acq: 24 Jun 2022 12:17

Instrument :

MSVOA_L

ClientSampleId :

VL0624ABS01

Tgt Ion:119 Resp: 549666

Ion Ratio Lower Upper

119 100

134 25.4 20.4 30.6

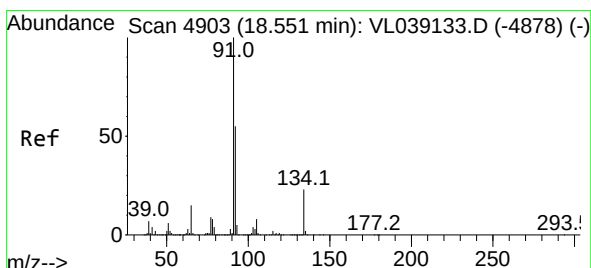
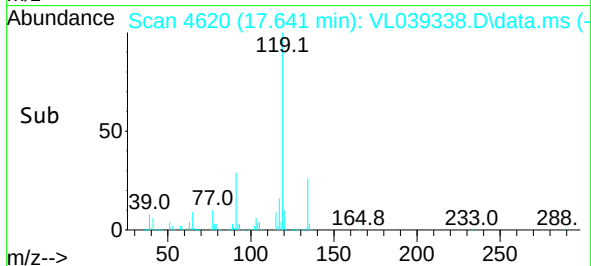
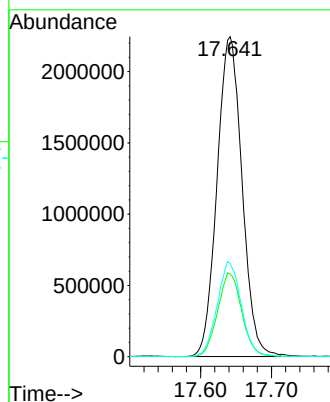
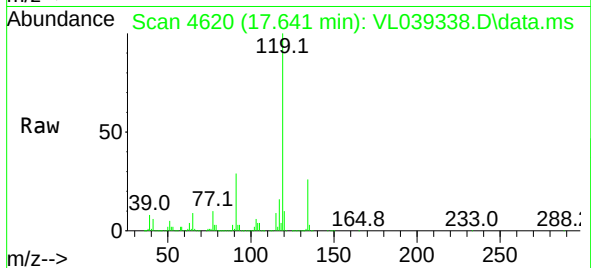
91 28.7 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2022

Supervised By :Mahesh Dadoda 06/30/2022



#70

n-Butylbenzene

Concen: 9.352 ppbv

RT: 18.539 min Scan# 4899

Delta R.T. -0.013 min

Lab File: VL039338.D

Acq: 24 Jun 2022 12:17

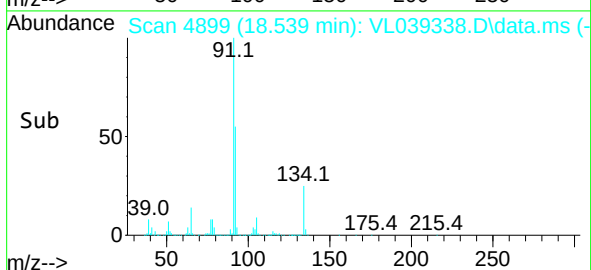
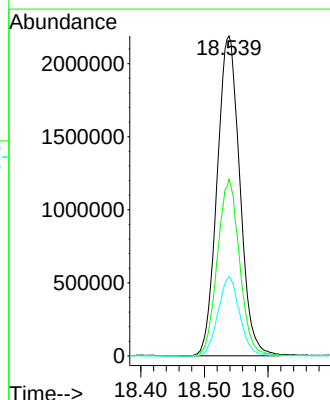
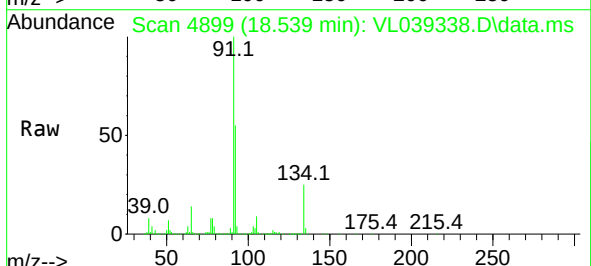
Tgt Ion: 91 Resp: 5420524

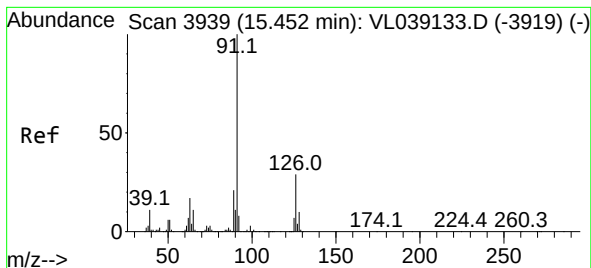
Ion Ratio Lower Upper

91 100

92 54.2 43.6 65.4

134 23.8 17.7 26.5





#71

2-Chlorotoluene

Concen: 9.063 ppbv

RT: 15.442 min Scan# 3919

Delta R.T. -0.010 min

Lab File: VL039338.D

Acq: 24 Jun 2022 12:17

Instrument :

MSVOA_L

ClientSampleId :

VL0624ABS01

Tgt Ion: 91 Resp: 370784

Ion Ratio Lower Upper

91 100

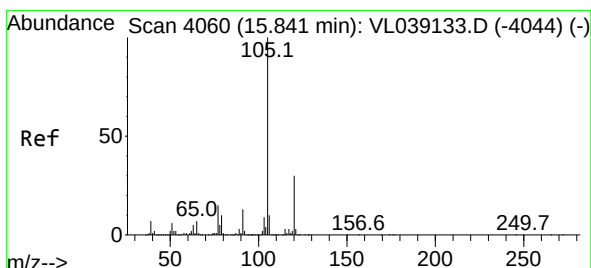
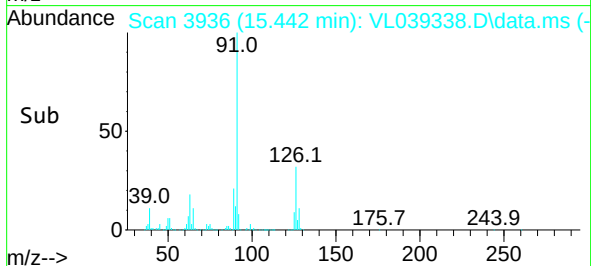
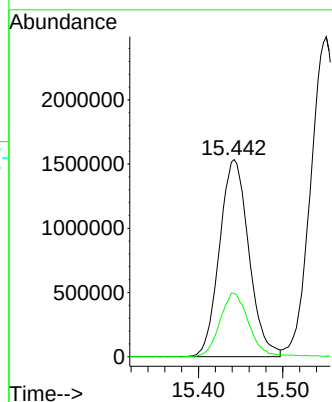
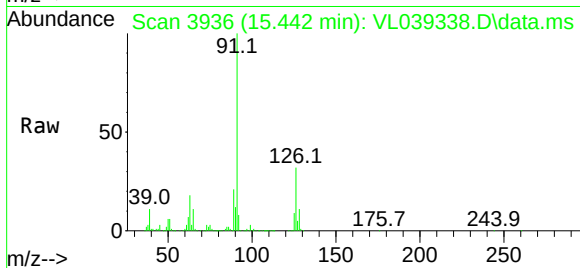
126 32.4 12.2 48.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2022

Supervised By :Mahesh Dadoda 06/30/2022



#72

4-Ethyltoluene

Concen: 9.685 ppbv

RT: 15.828 min Scan# 4056

Delta R.T. -0.013 min

Lab File: VL039338.D

Acq: 24 Jun 2022 12:17

Tgt Ion:105 Resp: 4097109

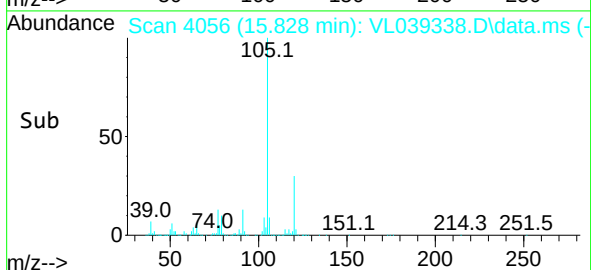
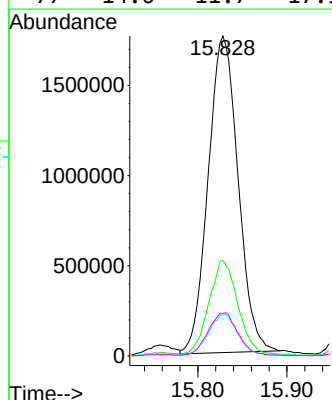
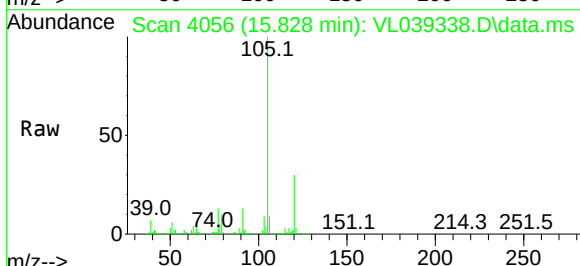
Ion Ratio Lower Upper

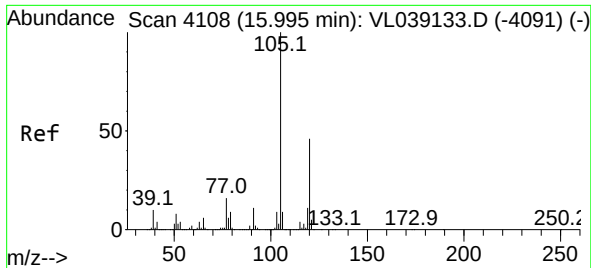
105 100

120 30.0 23.9 35.9

91 13.0 10.6 16.0

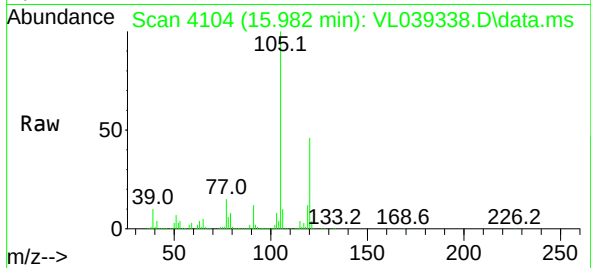
77 14.0 11.7 17.5





#73
 1,3,5-Trimethylbenzene
 Concen: 9.857 ppbv
 RT: 15.982 min Scan# 4104
 Delta R.T. -0.013 min
 Lab File: VL039338.D
 Acq: 24 Jun 2022 12:17

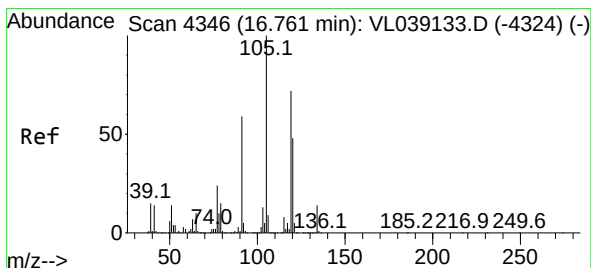
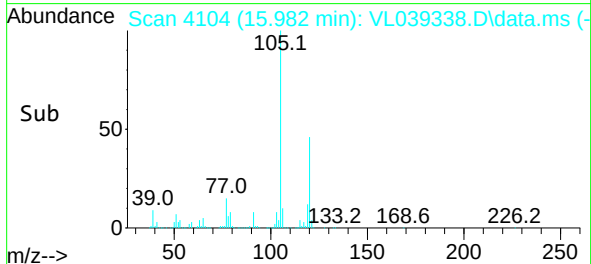
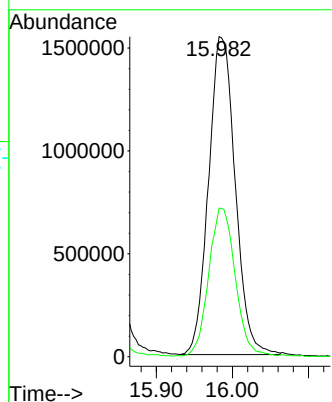
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0624ABS01



Tgt Ion:105 Resp: 3760839
 Ion Ratio Lower Upper
 105 100
 120 46.5 36.7 55.1

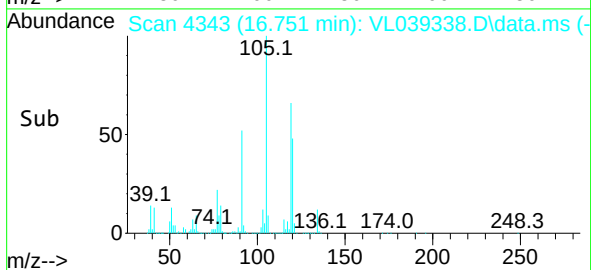
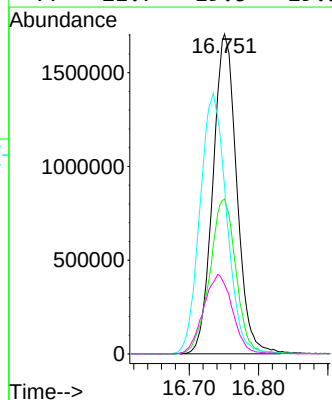
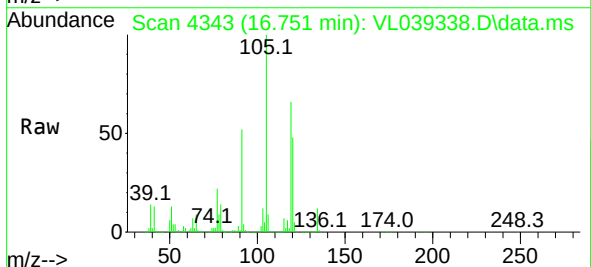
Manual Integrations
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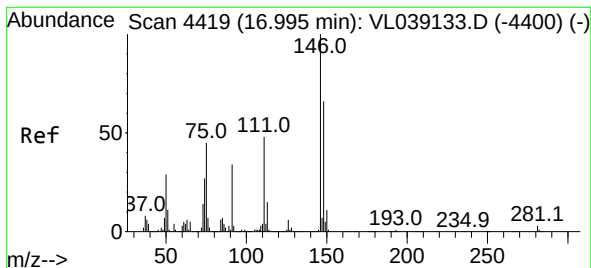
Reviewed By :Semsettin Yesilyurt 06/27/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 9.578 ppbv
 RT: 16.751 min Scan# 4343
 Delta R.T. -0.010 min
 Lab File: VL039338.D
 Acq: 24 Jun 2022 12:17

Tgt Ion:105 Resp: 4078419
 Ion Ratio Lower Upper
 105 100
 120 48.2 38.1 57.1
 91 52.2 47.4 71.0
 77 21.7 19.5 29.3





#75

1,3-Dichlorobenzene

Concen: 9.817 ppbv

RT: 16.986 min Scan# 4416

Delta R.T. -0.010 min

Lab File: VL039338.D

Acq: 24 Jun 2022 12:17

Instrument :

MSVOA_L

ClientSampleId :

VL0624ABS01

Tgt Ion:146 Resp: 236603

Ion Ratio Lower Upper

146 100

111 46.7 23.8 71.4

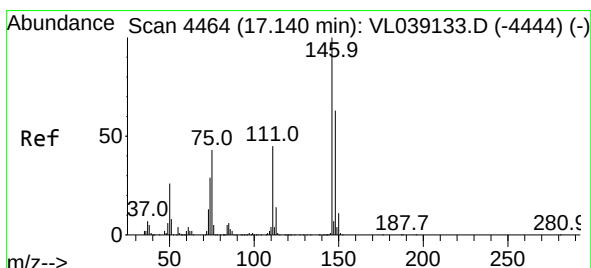
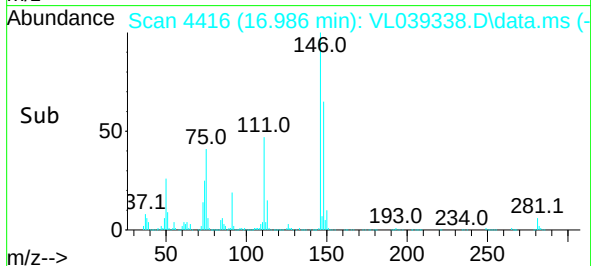
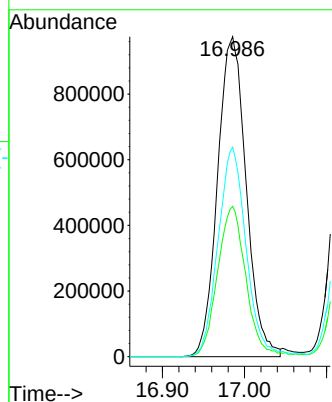
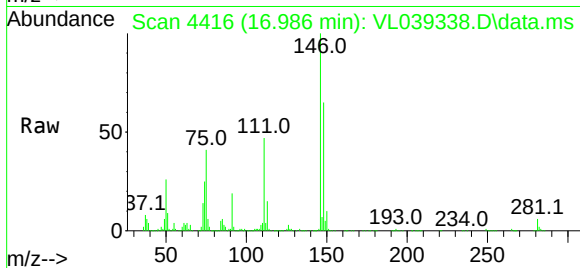
148 64.7 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2022

Supervised By :Mahesh Dadoda 06/30/2022



#76

1,4-Dichlorobenzene

Concen: 9.453 ppbv

RT: 17.124 min Scan# 4459

Delta R.T. -0.016 min

Lab File: VL039338.D

Acq: 24 Jun 2022 12:17

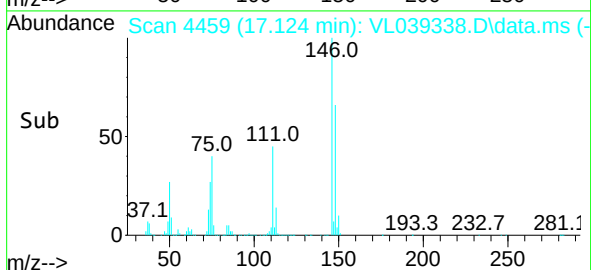
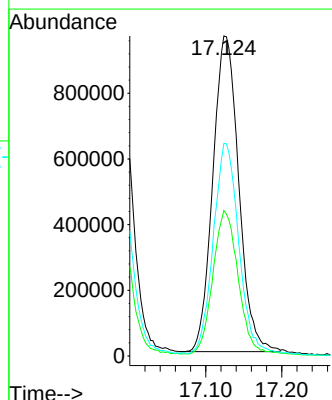
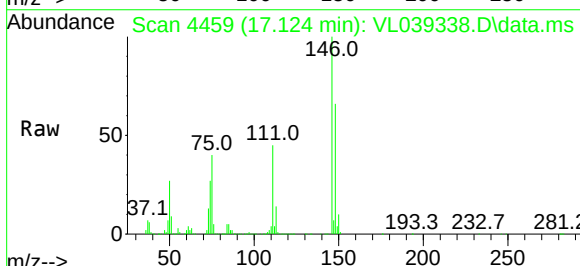
Tgt Ion:146 Resp: 2272997

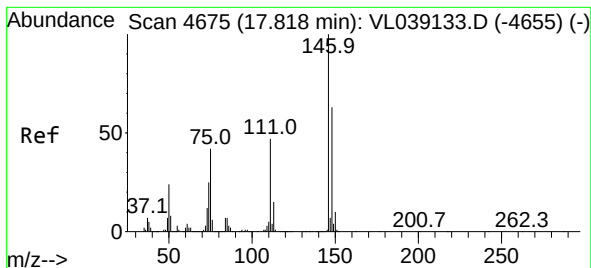
Ion Ratio Lower Upper

146 100

111 46.4 23.6 71.0

148 67.3 33.7 101.0





#77

1,2-Dichlorobenzene

Concen: 9.607 ppbv

RT: 17.802 min Scan# 4

Delta R.T. -0.016 min

Lab File: VL039338.D

Acq: 24 Jun 2022 12:17

Instrument :

MSVOA_L

ClientSampleId :

VL0624ABS01

Tgt Ion:146 Resp: 2333634

Ion Ratio Lower Upper

146 100

111 47.9 24.4 73.4

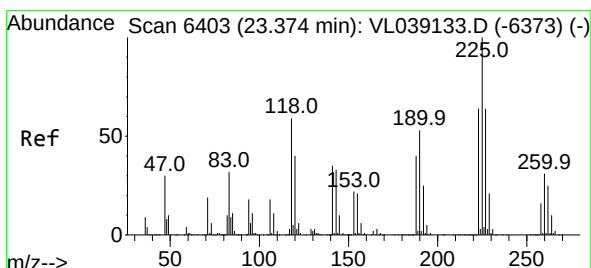
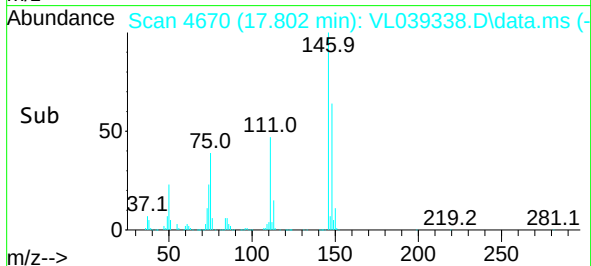
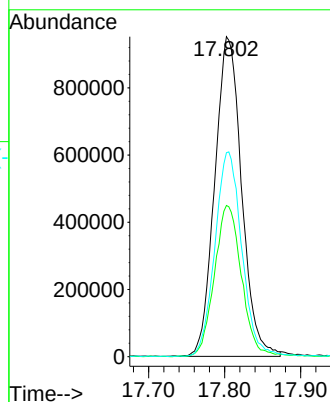
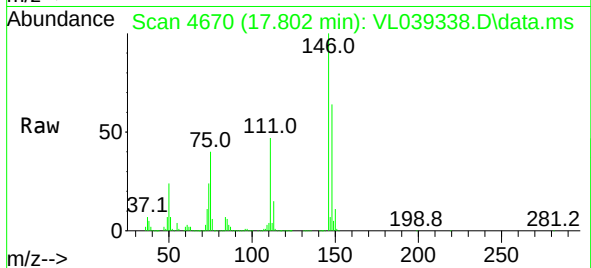
148 64.5 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2022

Supervised By :Mahesh Dadoda 06/30/2022



#78

Hexachloro-1,3-Butadiene

Concen: 7.849 ppbv

RT: 23.361 min Scan# 6399

Delta R.T. -0.013 min

Lab File: VL039338.D

Acq: 24 Jun 2022 12:17

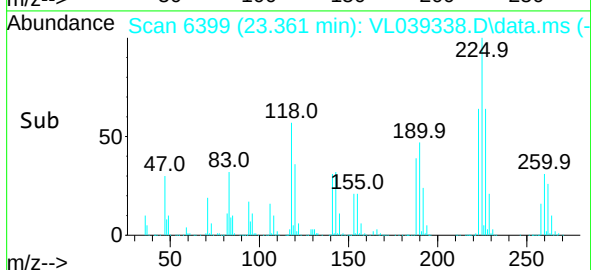
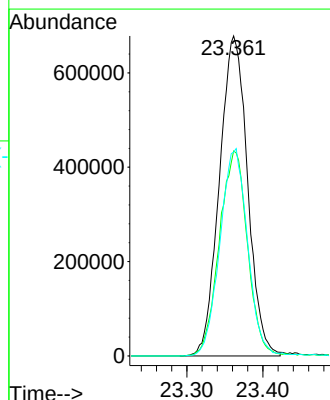
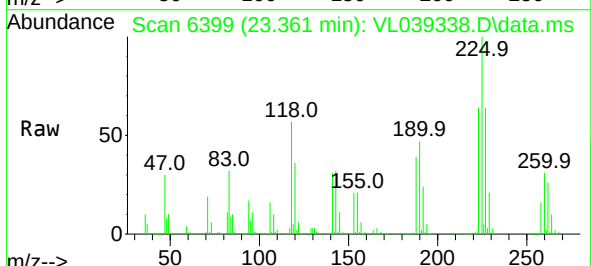
Tgt Ion:225 Resp: 1743494

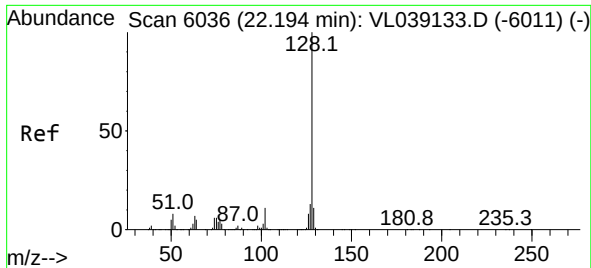
Ion Ratio Lower Upper

225 100

223 64.7 51.4 77.0

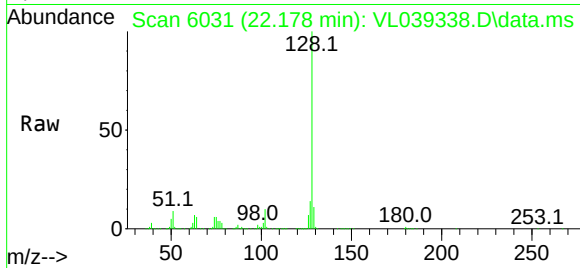
227 64.1 50.6 75.8





#79
Naphthalene
Concen: 10.568 ppbv
RT: 22.178 min Scan# 6031
Delta R.T. -0.016 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17

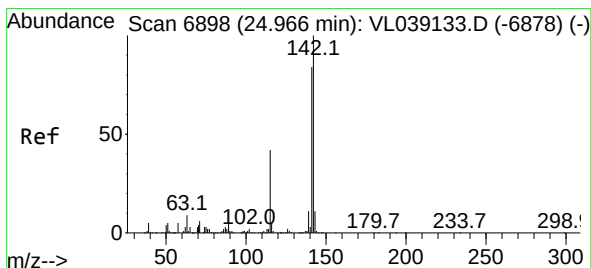
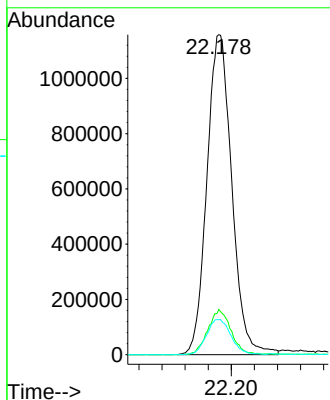
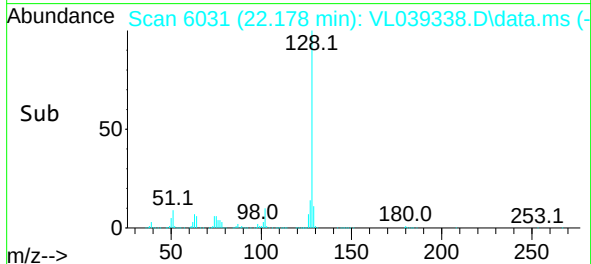
Instrument :
MSVOA_L
ClientSampleId :
VL0624ABS01



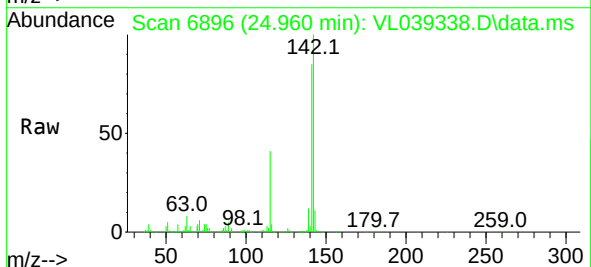
Tgt Ion:128 Resp: 346386
Ion Ratio Lower Upper
128 100
127 14.1 10.4 15.6
129 10.9 9.0 13.6

Manual Integrations
APPROVED

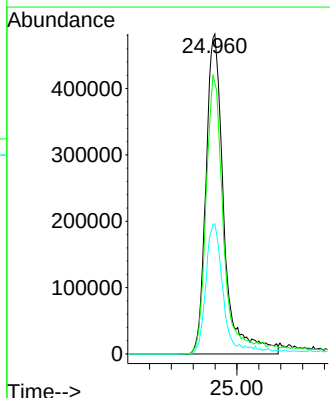
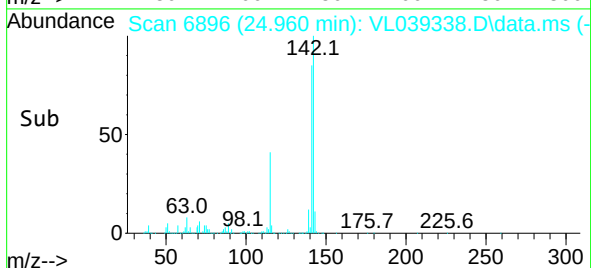
Reviewed By :Semsettin Yesilyurt 06/27/2022
Supervised By :Mahesh Dadoda 06/30/2022

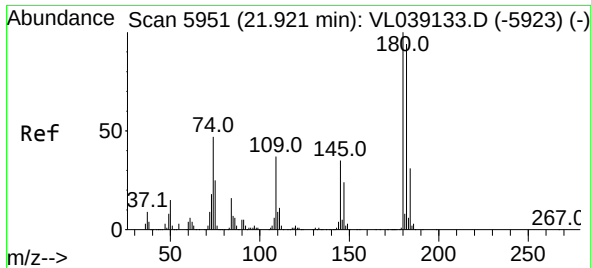


#80
Naphthalene,2-methyl-
Concen: 8.998 ppbv
RT: 24.960 min Scan# 6896
Delta R.T. -0.006 min
Lab File: VL039338.D
Acq: 24 Jun 2022 12:17



Tgt Ion:142 Resp: 1095811
Ion Ratio Lower Upper
142 100
141 91.5 64.6 96.8
115 40.6 32.7 49.1





#81

1,2,4-Trichlorobenzene

Concen: 9.558 ppbv

RT: 21.908 min Scan# 5947

Delta R.T. -0.013 min

Lab File: VL039338.D

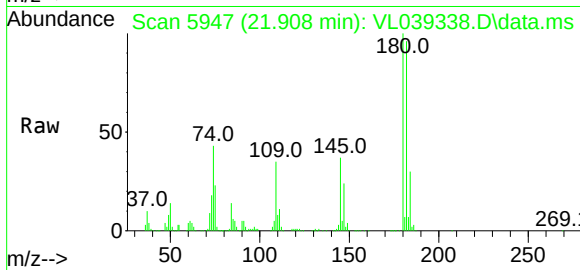
Acq: 24 Jun 2022 12:17

Instrument :

MSVOA_L

ClientSampleId :

VL0624ABS01



Tgt Ion:180 Resp: 198480

Ion Ratio Lower Upper

180 100

182 97.5 0.0 0.0

184 31.1 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/27/2022

Supervised By :Mahesh Dadoda 06/30/2022

