

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110921\
 Data File : VL037980.D
 Acq On : 9 Nov 2021 14:31
 Operator : SY/AP
 Sample : VL1109ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1109ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/15/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Quant Time: Nov 10 04:48:09 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 9 04:48:09 2021

QLast Update : Tue Nov 02 05:54:07 2021

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.668	49	1559025	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.172	114	4654245	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	4107818m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.410 95 2914492 9.761 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 97.600%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.054	85	2192027	9.979	ppbv	97
3) Chlorodifluoromethane	2.993	51	2647252	9.121	ppbv	99
4) Chloromethane	3.144	50	1012171	9.177	ppbv	99
5) Vinyl Chloride	3.259	62	1007368	9.476	ppbv	96
6) Bromomethane	3.478	94	558268	9.721	ppbv	96
7) Chloroethane	3.562	64	347566	9.057	ppbv	99
8) Dichlorotetrafluoroethane	3.192	85	2296015	9.074	ppbv	99
9) Propene	3.015	41	995719	9.569	ppbv	95
10) Heptane	8.121	43	2439746	10.078	ppbv	100
11) Trichlorofluoromethane	3.951	101	2036465	9.311	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.484	101	1569933	9.208	ppbv	99
13) Ethanol	3.610	45	107588m	10.249	ppbv	
14) Bromoethene	3.742	108	714670	9.582	ppbv	98
15) Acetone	3.851	43	1156571	8.978	ppbv	98
16) 1,3-Butadiene	3.333	39	968576	9.542	ppbv	99
17) tert-Butyl alcohol	4.288	59	1446204	10.797	ppbv	98
18) 1,1-Dichloroethene	4.292	96	728585	9.285	ppbv	96
19) Isopropyl Alcohol	3.967	45	843729m	10.242	ppbv	
20) Methylene Chloride	4.343	84	591886	8.369	ppbv	95
21) Allyl Chloride	4.414	41	1191738	10.026	ppbv	98
22) trans-1,2-Dichloroethene	4.890	96	745913	9.566	ppbv	91
23) Vinyl Acetate	5.073	43	1786832	9.212	ppbv	98
24) 1,1-Dichloroethane	5.012	63	1499796	9.359	ppbv	99
25) Ethyl Acetate	5.677	43	3764579	9.838	ppbv	100
26) Hexane	5.690	57	1748594	9.645	ppbv	98
27) Carbon Disulfide	4.552	76	1872190	10.461	ppbv	99
28) Methyl tert-Butyl Ether	5.034	73	1509013	9.901	ppbv	100
29) Chloroform	5.751	83	2499684	9.246	ppbv	96
30) Cyclohexane	7.127	84	1498612	9.670	ppbv	99
31) cis-1,2-Dichloroethene	5.549	61	1669151	10.091	ppbv	98
32) 1,1,1-Trichloroethane	6.510	97	2370434	8.920	ppbv	99
34) 2-Butanone	5.243	43	1550208	8.989	ppbv	97
35) Carbon Tetrachloride	7.018	117	2501991	8.892	ppbv	98
36) Benzene	6.889	78	3700933	9.764	ppbv	98
37) 1,2-Dichloroethane	6.304	62	1753321	9.730	ppbv	100
38) Trichloroethene	7.835	130	1420448	9.029	ppbv	98
39) 1,2-Dichloropropane	7.613	63	1407151	9.867	ppbv	91
40) 1,4-Dioxane	7.835	88	347840m	9.261	ppbv	
41) Tetrahydrofuran	6.050	42	891202	10.561	ppbv	98
42) Bromodichloromethane	7.790	83	2613379	9.592	ppbv	99
43) Methyl Methacrylate	8.012	69	1315596	10.575	ppbv	98
44) 2,2,4-Trimethylpentane	7.867	57	6160579	9.556	ppbv	99
45) t-1,3-Dichloropropene	9.275	75	1051548	11.503	ppbv	98

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Quant Time: Nov 10 04:48:09 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M

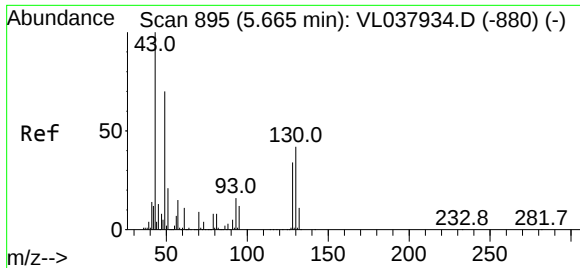
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 9 04:48:09 2021

QLast Update : Tue Nov 02 05:54:07 2021

Response via : Initial Calibration

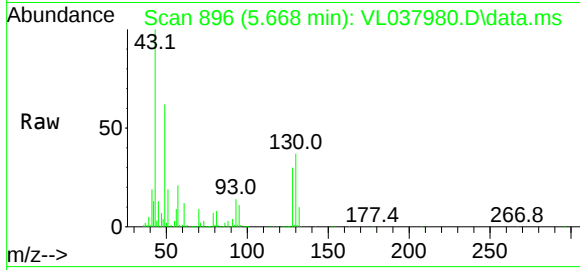
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.700	75	1415237	11.260	ppbv	98
47) 1,1,2-Trichloroethane	9.468	97	1453977	9.074	ppbv	99
48) Dibromochloromethane	10.301	129	2262278	9.972	ppbv	99
49) Bromoform	13.034	173	1770917	9.875	ppbv	99
50) 4-Methyl-2-Pentanone	8.738	43	2310402	10.196	ppbv	99
51) 2-Hexanone	10.131	43	999169	10.462	ppbv #	99
52) Tetrachloroethene	11.217	164	1298306	9.030	ppbv	98
53) Toluene	9.803	91	4195640	10.325	ppbv	100
54) 1,2-Dibromoethane	10.606	107	2063874	9.987	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.124	131	1560535	9.409	ppbv	96
57) Chlorobenzene	12.140	112	2988798	9.116	ppbv	98
58) Ethyl Benzene	12.706	91	5217225	10.386	ppbv	98
59) m/p-Xylene	12.992	91	8666054m	19.409	ppbv	
60) o-Xylene	13.683	91	4023172	9.557	ppbv	100
61) Styrene	13.519	104	2224842	11.508	ppbv	100
62) Isopropylbenzene	14.658	105	5516865	9.255	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.667	83	2807609	7.749	ppbv	98
64) n-propylbenzene	15.558	120	1436244	9.404	ppbv	94
65) tert-Butylbenzene	16.738	119	4769292	9.054	ppbv	100
66) Benzyl Chloride	16.979	91	263329	9.566	ppbv	97
67) sec-Butylbenzene	17.291	105	6614348	9.113	ppbv	100
69) p-Isopropyltoluene	17.641	119	5466946	9.391	ppbv	100
70) n-Butylbenzene	18.542	91	5290080	9.889	ppbv	100
71) 2-Chlorotoluene	15.445	91	3927085	9.403	ppbv	99
72) 4-Ethyltoluene	15.831	105	4649572	9.641	ppbv	99
73) 1,3,5-Trimethylbenzene	15.989	105	4247203	9.404	ppbv	99
74) 1,2,4-Trimethylbenzene	16.757	105	4295459	9.078	ppbv	97
75) 1,3-Dichlorobenzene	16.989	146	2580773	8.760	ppbv	99
76) 1,4-Dichlorobenzene	17.130	146	2433922	8.538	ppbv	99
77) 1,2-Dichlorobenzene	17.809	146	2441618	8.827	ppbv	99
78) Hexachloro-1,3-Butadiene	23.365	225	1970708	8.323	ppbv	99
79) Naphthalene	22.188	128	3503612	12.852	ppbv	98
80) Naphthalene,2-methyl-	24.963	142	756482	14.255	ppbv	98
81) 1,2,4-Trichlorobenzene	21.911	180	1970502	11.105	ppbv	99

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



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.668 min Scan# 895
 Delta R.T. 0.003 min
 Lab File: VL037980.D
 Acq: 9 Nov 2021 14:31

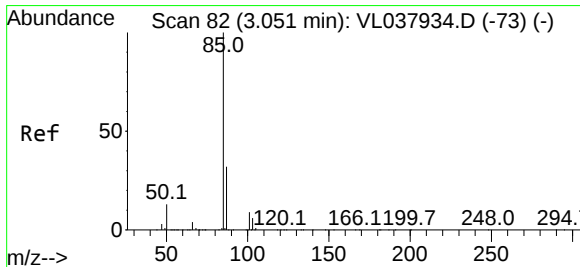
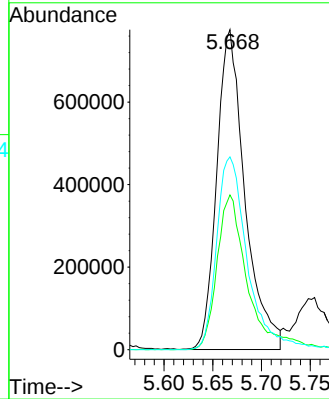
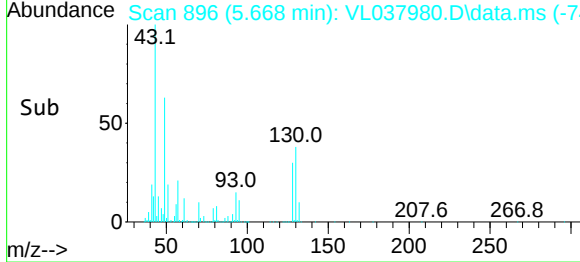
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1109ABS01



Tgt Ion: 49 Resp: 155902
 Ion Ratio Lower Upper
 49 100
 128 53.5 27.0 81.0
 130 66.8 33.4 100.2

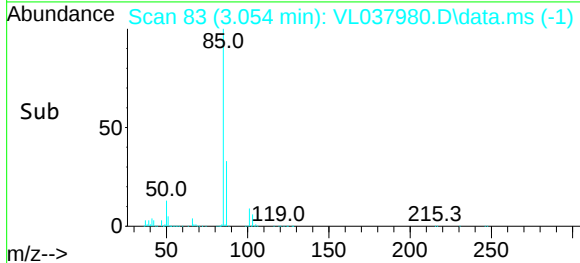
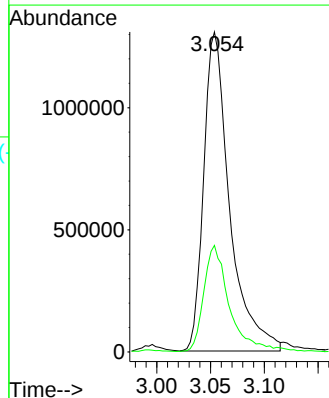
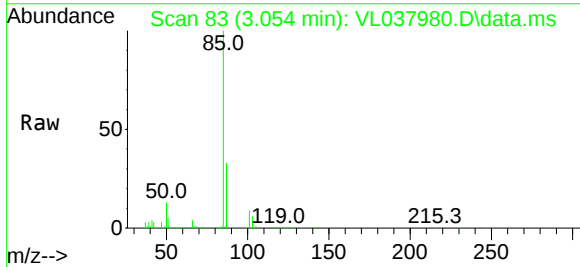
Manual Integrations
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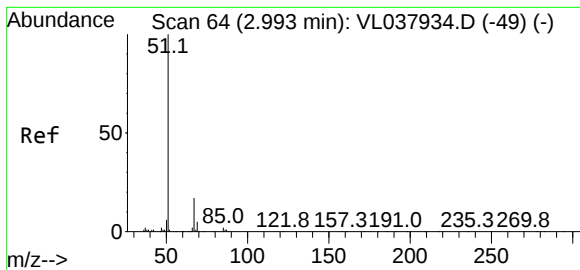
Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#2
 Dichlorodifluoromethane
 Concen: 9.979 ppbv
 RT: 3.054 min Scan# 83
 Delta R.T. 0.003 min
 Lab File: VL037980.D
 Acq: 9 Nov 2021 14:31

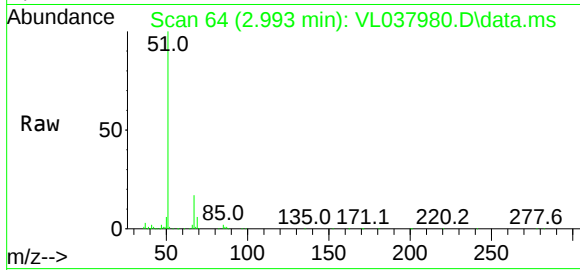
Tgt Ion: 85 Resp: 2192027
 Ion Ratio Lower Upper
 85 100
 87 33.3 25.3 37.9





#3
Chlorodifluoromethane
Concen: 9.121 ppbv
RT: 2.993 min Scan# 64
Delta R.T. -0.000 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

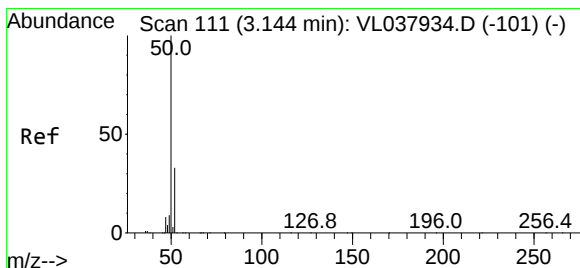
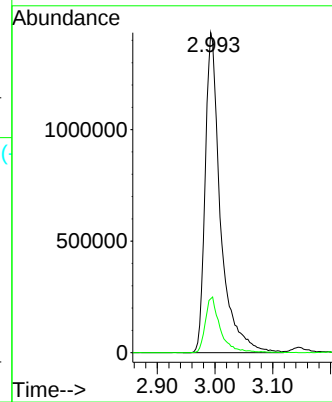
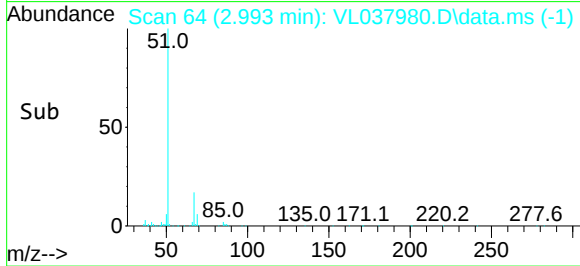
Instrument : MSVOA_L
ClientSampleId : VL1109ABS01



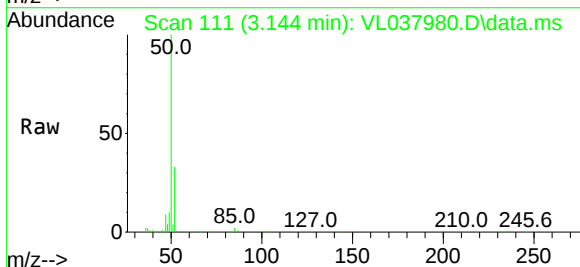
Tgt Ion: 51 Resp: 264725
Ion Ratio Lower Upper
51 100
67 17.2 13.4 20.0

Manual Integrations
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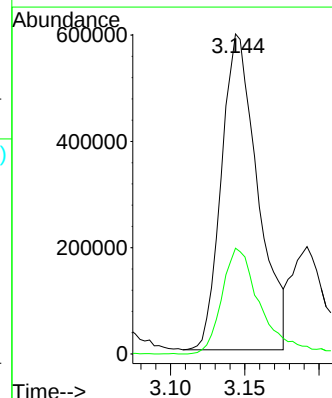
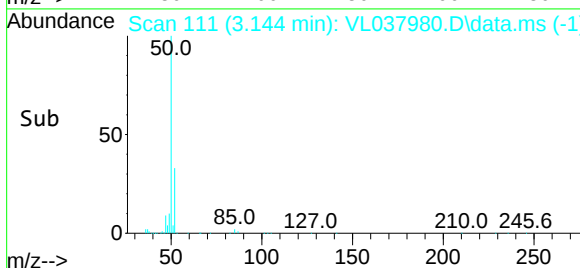
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

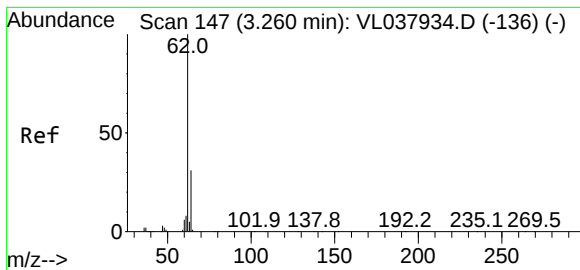


#4
Chloromethane
Concen: 9.177 ppbv
RT: 3.144 min Scan# 111
Delta R.T. -0.000 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31



Tgt Ion: 50 Resp: 1012171
Ion Ratio Lower Upper
50 100
52 33.5 26.3 39.5





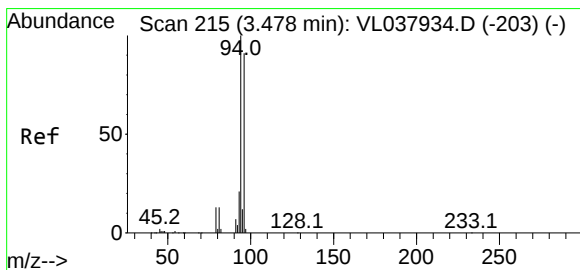
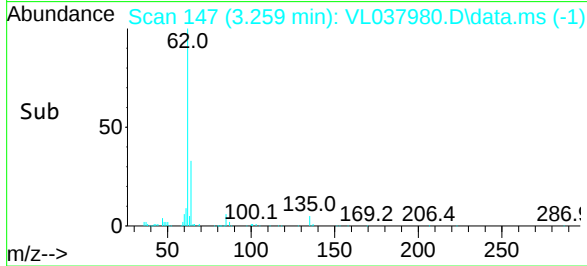
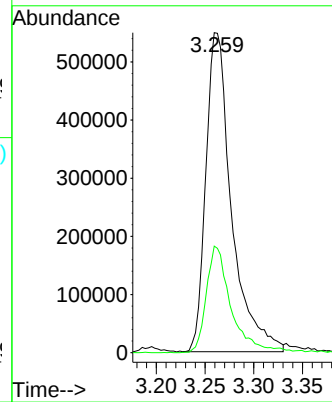
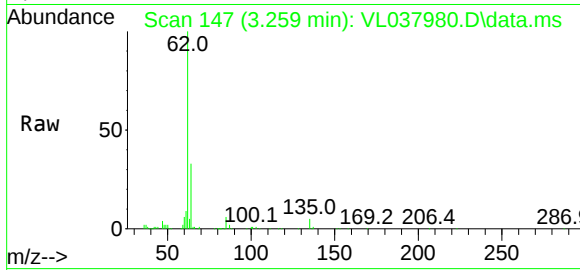
#5
 Vinyl Chloride
 Concen: 9.476 ppbv
 RT: 3.259 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VL037980.D
 Acq: 9 Nov 2021 14:31

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1109ABS01

Tgt Ion: 62 Resp: 1007368
 Ion Ratio Lower Upper
 62 100
 64 33.3 24.7 37.1

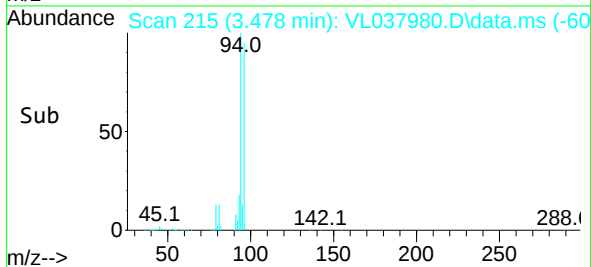
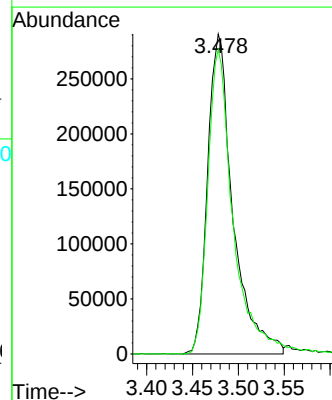
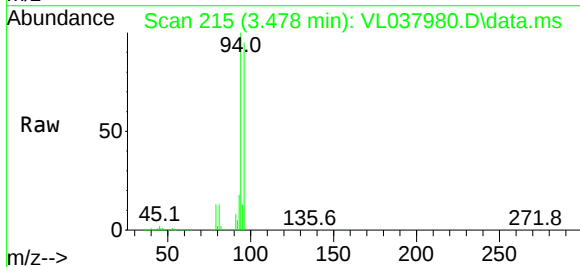
Manual Integrations
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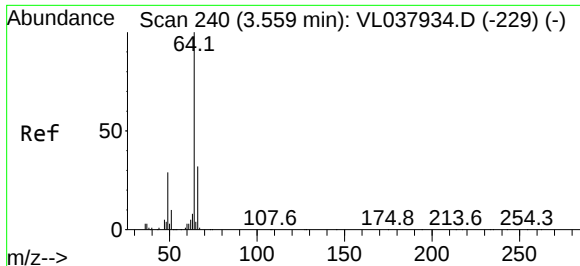
Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#6
 Bromomethane
 Concen: 9.721 ppbv
 RT: 3.478 min Scan# 215
 Delta R.T. -0.000 min
 Lab File: VL037980.D
 Acq: 9 Nov 2021 14:31

Tgt Ion: 94 Resp: 558268
 Ion Ratio Lower Upper
 94 100
 96 95.1 73.0 109.4





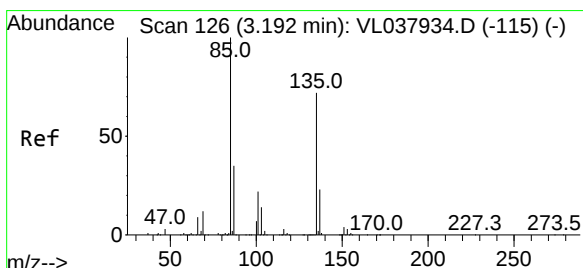
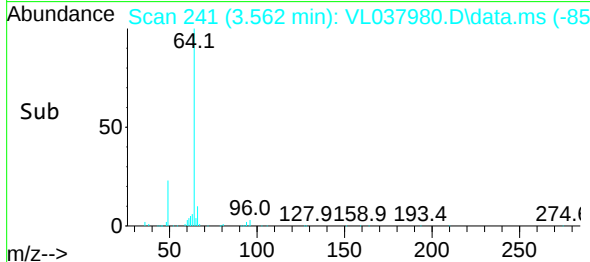
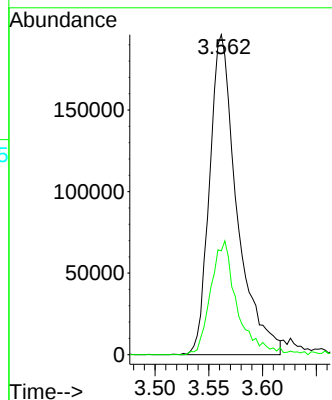
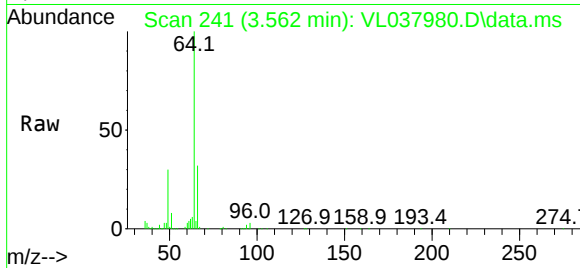
#7
Chloroethane
Concen: 9.057 ppbv
RT: 3.562 min Scan# 240
Delta R.T. 0.003 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01

Tgt Ion: 64 Resp: 347560
Ion Ratio Lower Upper
64 100
66 32.5 25.5 38.3

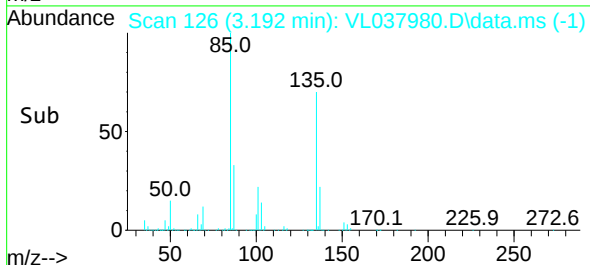
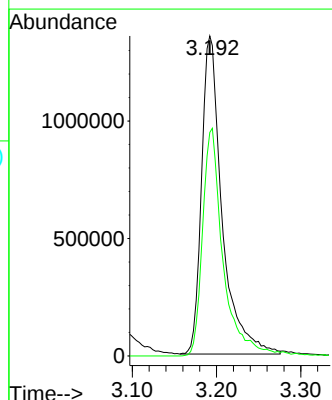
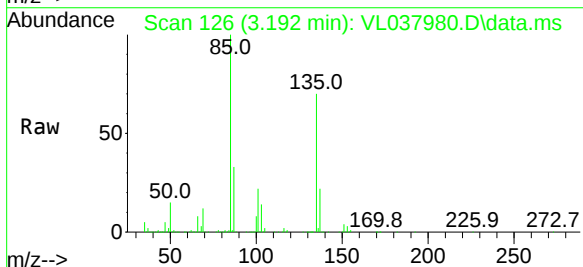
Manual Integrations
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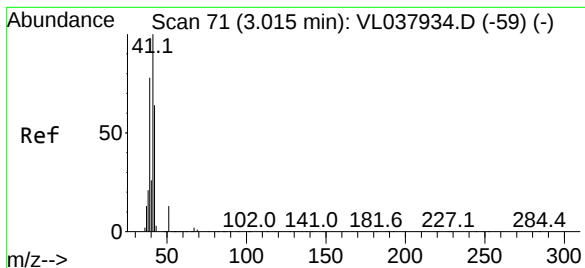
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#8
Dichlorotetrafluoroethane
Concen: 9.074 ppbv
RT: 3.192 min Scan# 126
Delta R.T. -0.000 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

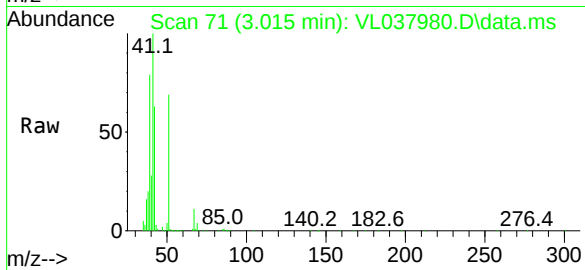
Tgt Ion: 85 Resp: 2296015
Ion Ratio Lower Upper
85 100
135 72.6 58.8 88.2





#9
 Propene
 Concen: 9.569 ppbv
 RT: 3.015 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VL037980.D
 Acq: 9 Nov 2021 14:31

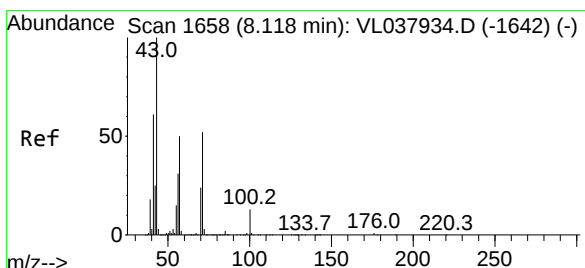
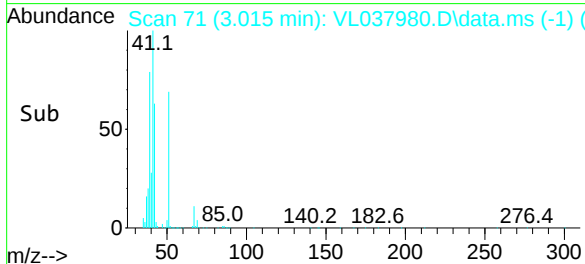
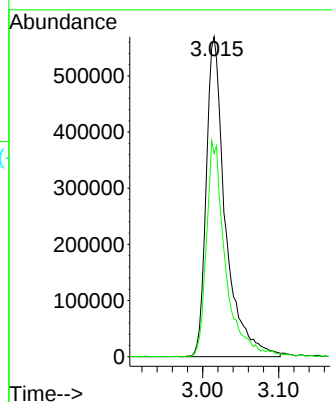
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1109ABS01



Tgt Ion: 41 Resp: 995719
 Ion Ratio Lower Upper
 41 100
 42 67.7 57.6 86.4

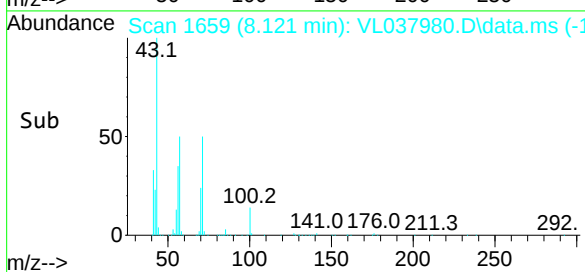
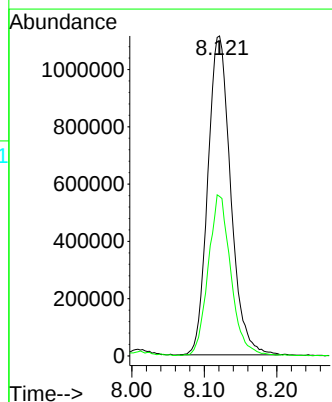
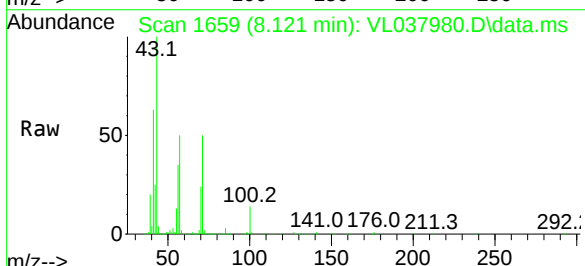
Manual Integrations
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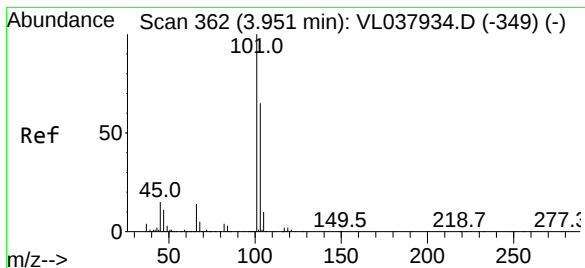
Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#10
 Heptane
 Concen: 10.078 ppbv
 RT: 8.121 min Scan# 1659
 Delta R.T. 0.003 min
 Lab File: VL037980.D
 Acq: 9 Nov 2021 14:31

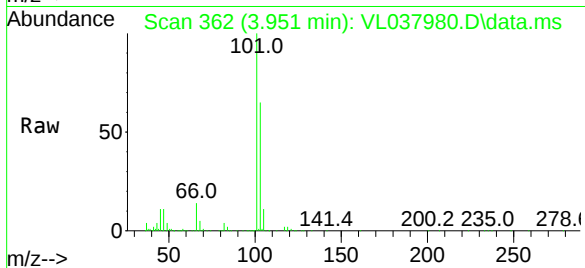
Tgt Ion: 43 Resp: 2439746
 Ion Ratio Lower Upper
 43 100
 57 50.0 39.8 59.8





#11
 Trichlorofluoromethane
 Concen: 9.311 ppbv
 RT: 3.951 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VL037980.D
 Acq: 9 Nov 2021 14:31

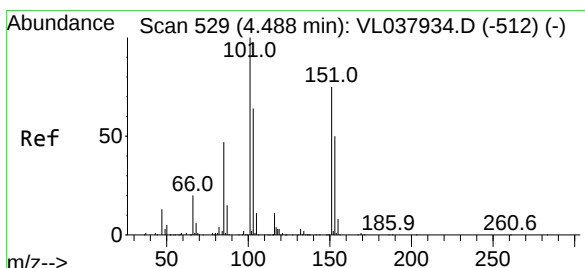
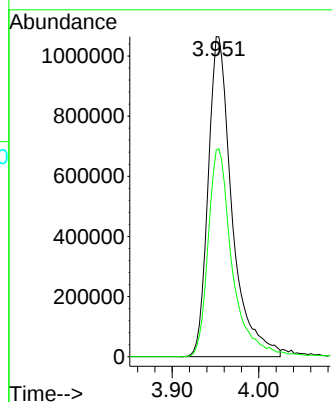
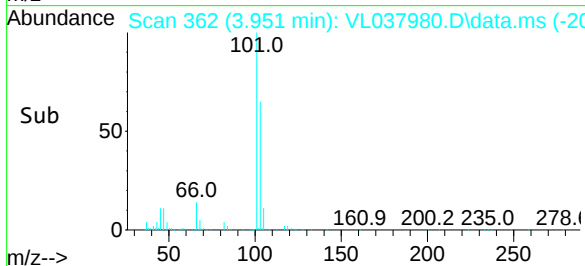
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1109ABS01



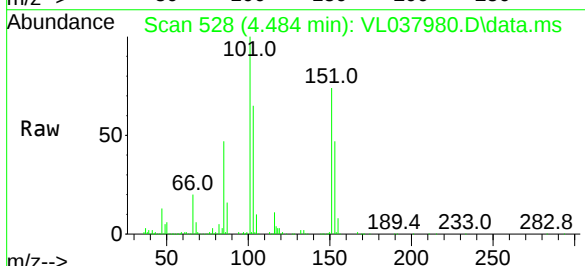
Tgt Ion:101 Resp: 203646
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.0 78.0

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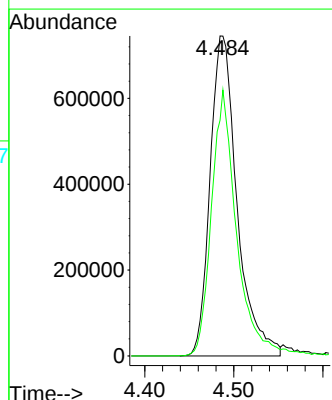
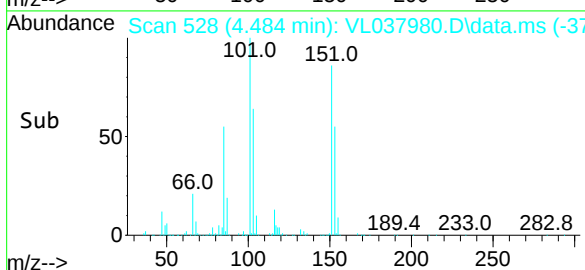
Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

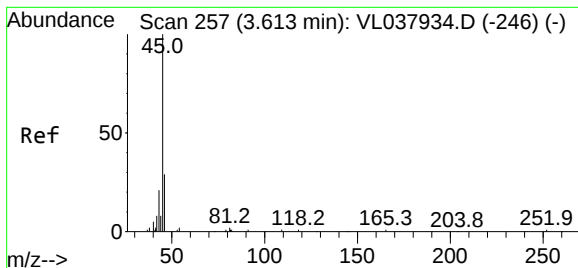


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.208 ppbv
 RT: 4.484 min Scan# 528
 Delta R.T. -0.003 min
 Lab File: VL037980.D
 Acq: 9 Nov 2021 14:31



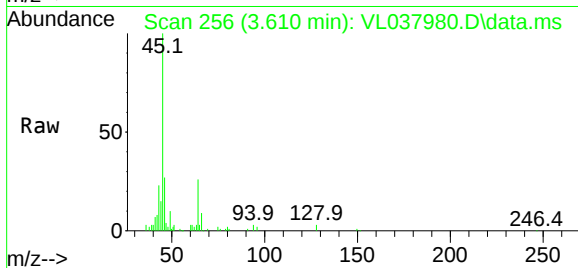
Tgt Ion:101 Resp: 1569933
 Ion Ratio Lower Upper
 101 100
 151 78.2 61.8 92.8





#13
Ethanol
Concen: 10.249 ppbv m
RT: 3.610 min Scan# 210
Delta R.T. -0.003 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

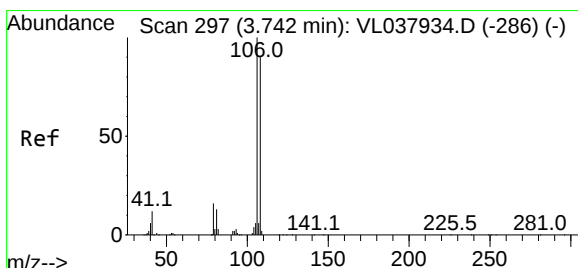
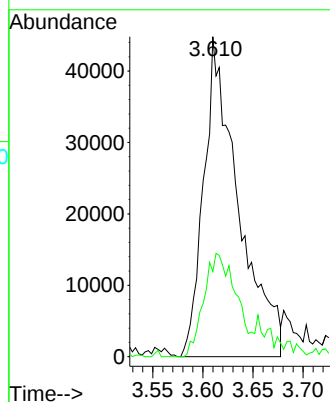
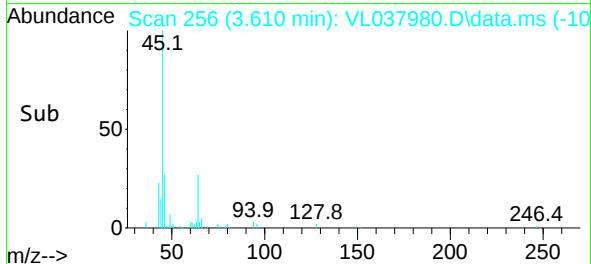
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01



Tgt Ion: 45 Resp: 107588
Ion Ratio Lower Upper
45 100
46 37.0 17.4 69.8

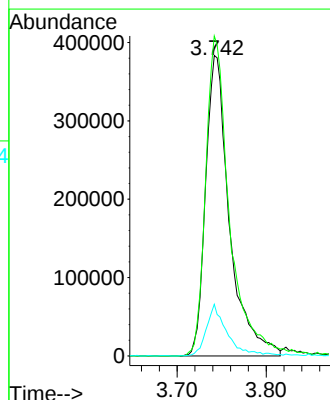
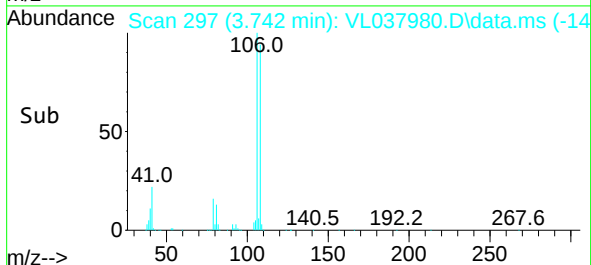
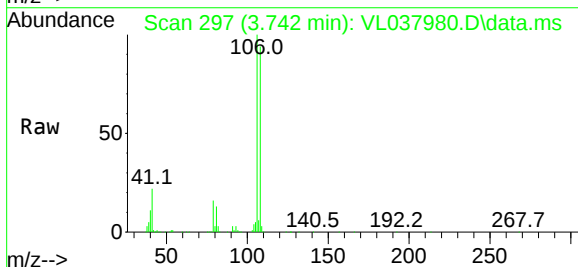
Manual Integrations
APPROVED

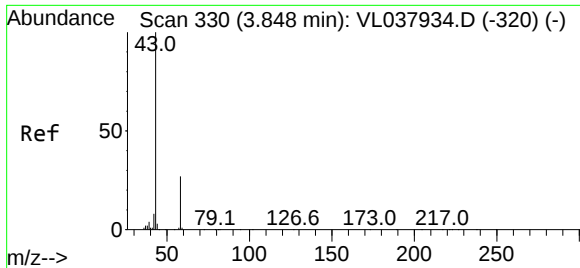
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#14
Bromoethene
Concen: 9.582 ppbv
RT: 3.742 min Scan# 297
Delta R.T. -0.000 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

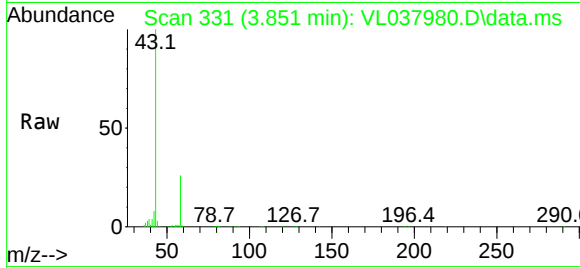
Tgt Ion:108 Resp: 714670
Ion Ratio Lower Upper
108 100
106 107.9 88.4 132.6
79 15.5 12.4 18.6





#15
Acetone
Concen: 8.978 ppbv
RT: 3.851 min Scan# 311
Delta R.T. 0.003 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

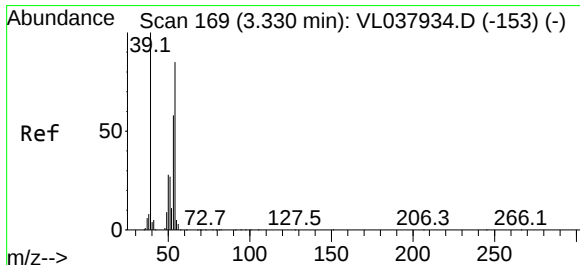
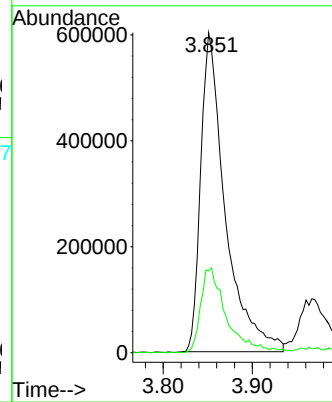
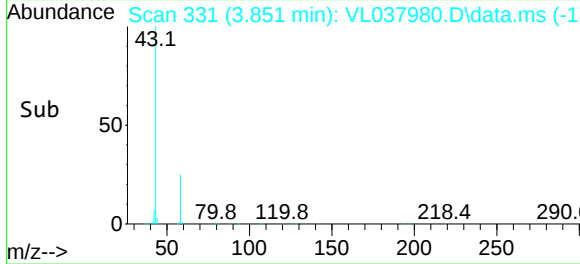
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01



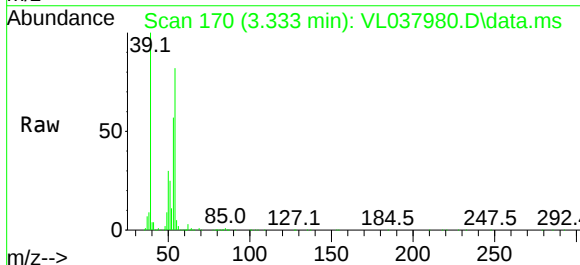
Tgt Ion: 43 Resp: 115657
Ion Ratio Lower Upper
43 100
58 27.9 23.3 34.9

Manual Integrations
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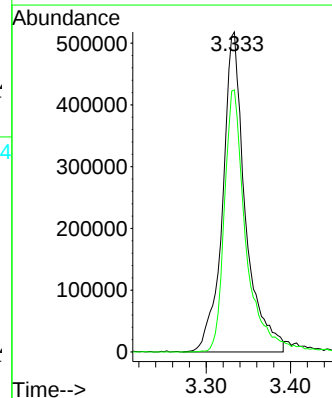
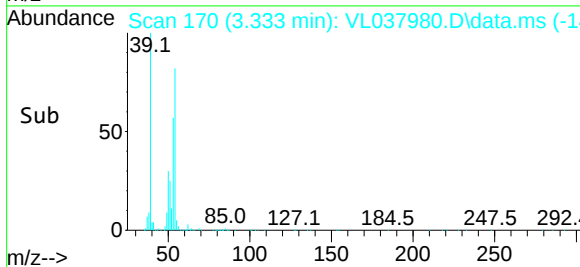
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

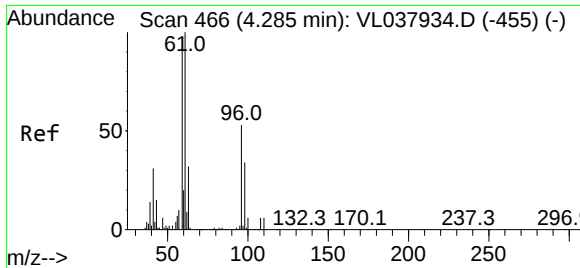


#16
1,3-Butadiene
Concen: 9.542 ppbv
RT: 3.333 min Scan# 170
Delta R.T. 0.003 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31



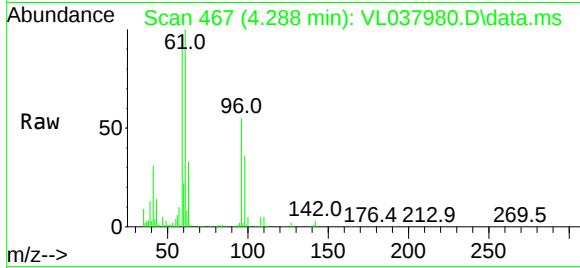
Tgt Ion: 39 Resp: 968576
Ion Ratio Lower Upper
39 100
54 78.8 62.6 93.8





#17
tert-Butyl alcohol
Concen: 10.797 ppbv
RT: 4.288 min Scan# 466
Delta R.T. 0.003 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

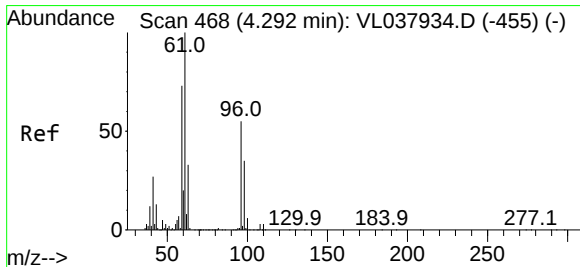
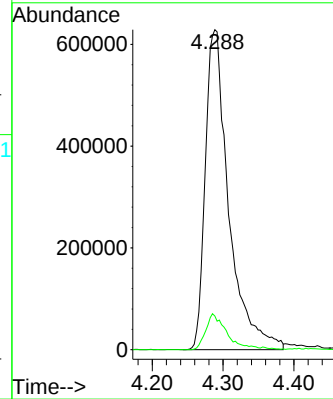
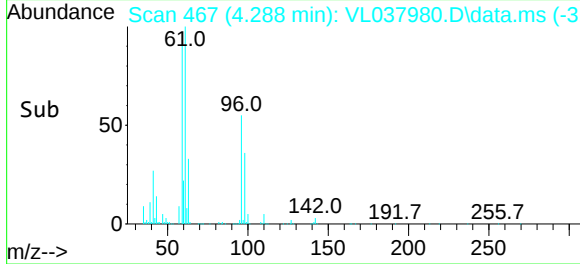
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01



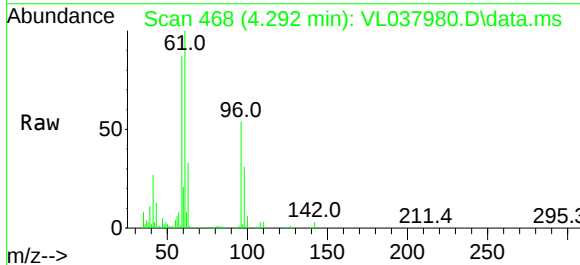
Tgt Ion: 59 Resp: 1446204
Ion Ratio Lower Upper
59 100
57 10.4 8.9 13.3

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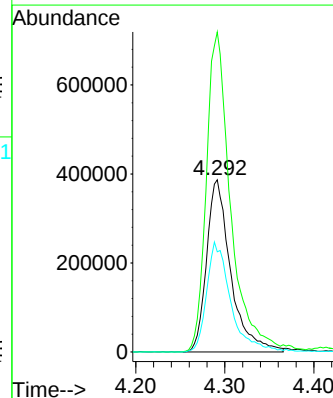
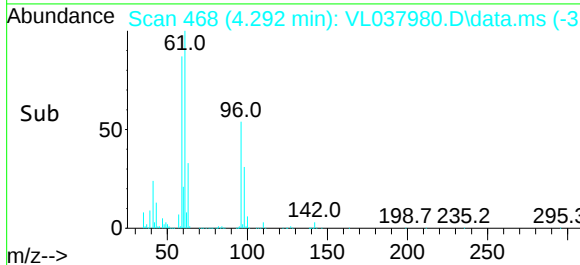
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

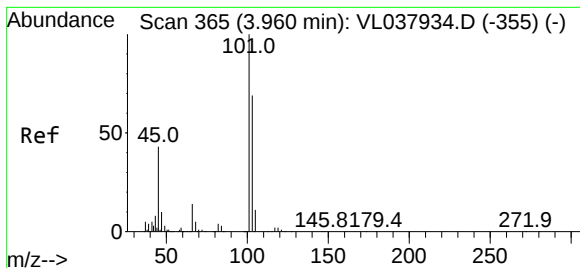


#18
1,1-Dichloroethene
Concen: 9.285 ppbv
RT: 4.292 min Scan# 468
Delta R.T. -0.000 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31



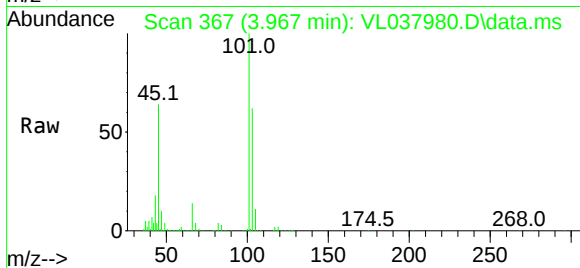
Tgt Ion: 96 Resp: 728585
Ion Ratio Lower Upper
96 100
61 185.8 144.3 216.5
98 58.2 50.5 75.7





#19
Isopropyl Alcohol
Concen: 10.242 ppbv m
RT: 3.967 min Scan# 30
Delta R.T. 0.006 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

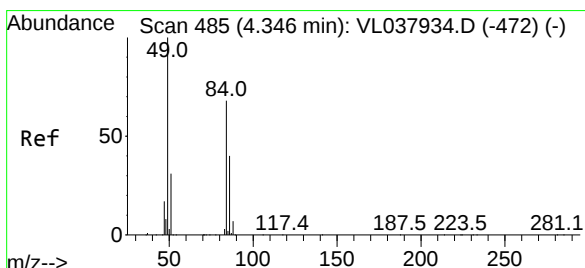
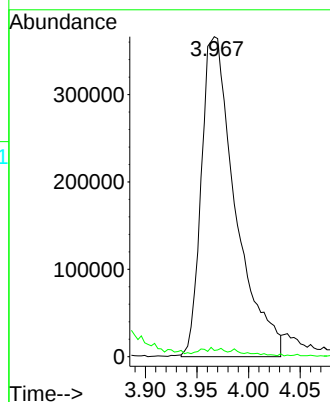
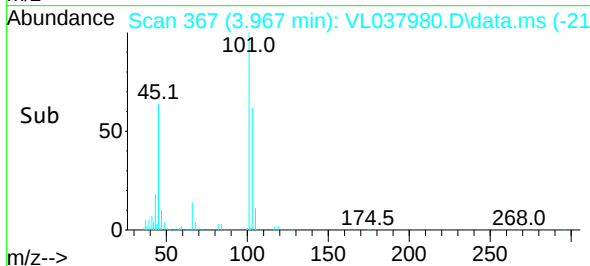
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01



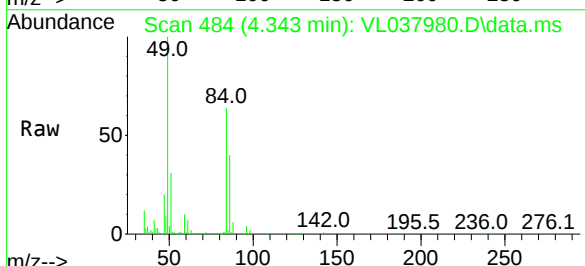
Tgt Ion: 45 Resp: 843729
Ion Ratio Lower Upper
45 100
58 2.7 4.0 6.0

Manual Integrations
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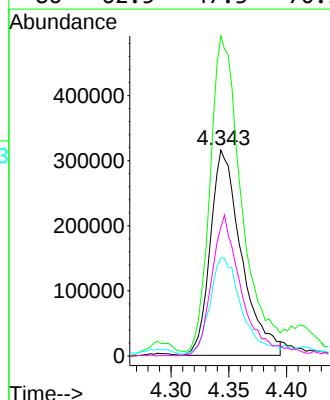
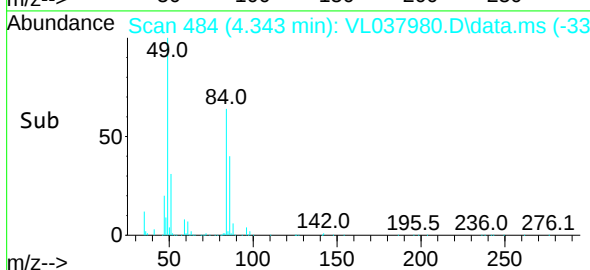
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

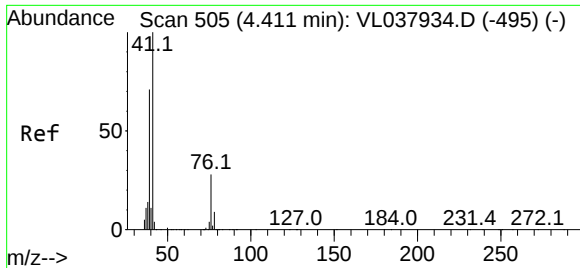


#20
Methylene Chloride
Concen: 8.369 ppbv
RT: 4.343 min Scan# 484
Delta R.T. -0.003 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31



Tgt Ion: 84 Resp: 591886
Ion Ratio Lower Upper
84 100
49 153.5 117.5 176.3
51 46.7 35.9 53.9
86 62.5 47.3 70.9





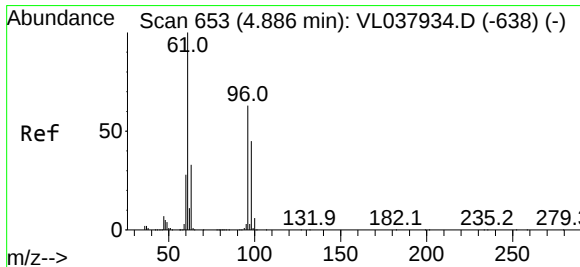
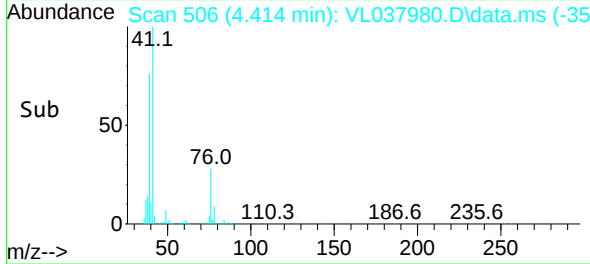
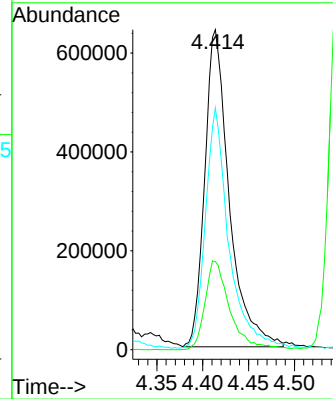
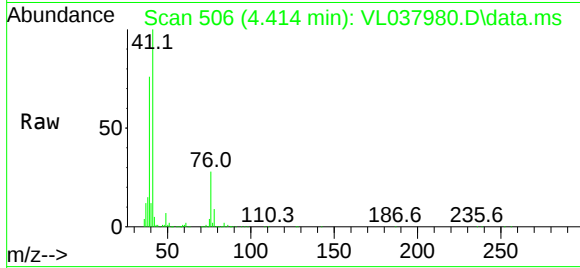
#21
 Allyl Chloride
 Concen: 10.026 ppbv
 RT: 4.414 min Scan# 505
 Delta R.T. 0.003 min
 Lab File: VL037980.D
 Acq: 9 Nov 2021 14:31

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1109ABS01

Tgt Ion: 41 Resp: 1191738
 Ion Ratio Lower Upper
 41 100
 76 28.5 23.6 35.4
 39 73.1 59.7 89.5

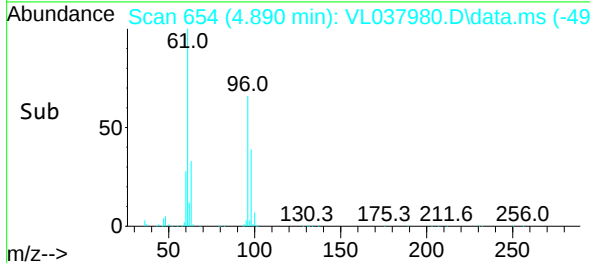
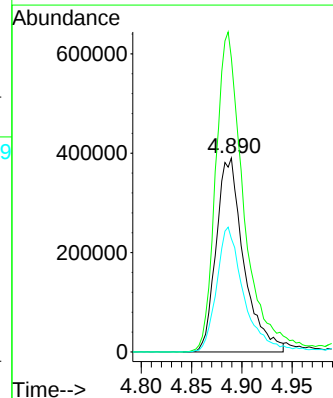
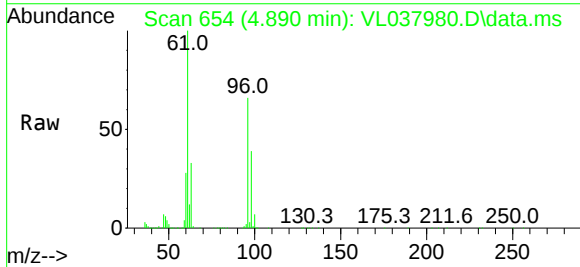
Manual Integrations
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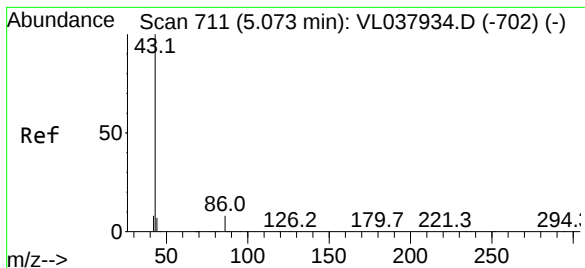
Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#22
 trans-1,2-Dichloroethene
 Concen: 9.566 ppbv
 RT: 4.890 min Scan# 654
 Delta R.T. 0.003 min
 Lab File: VL037980.D
 Acq: 9 Nov 2021 14:31

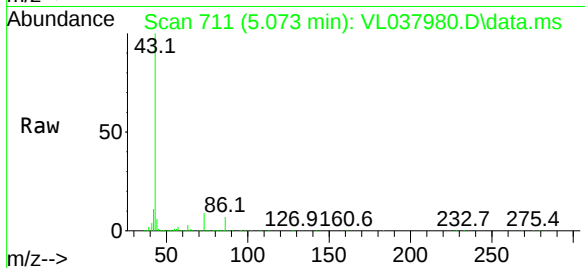
Tgt Ion: 96 Resp: 745913
 Ion Ratio Lower Upper
 96 100
 61 151.6 127.8 191.6
 98 58.4 56.9 85.3





#23
 Vinyl Acetate
 Concen: 9.212 ppbv
 RT: 5.073 min Scan# 711
 Delta R.T. -0.000 min
 Lab File: VL037980.D
 Acq: 9 Nov 2021 14:31

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1109ABS01

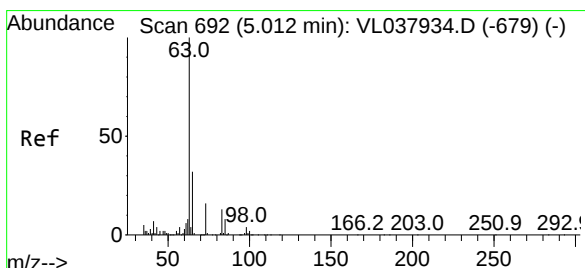
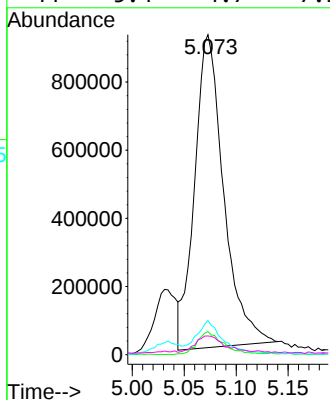
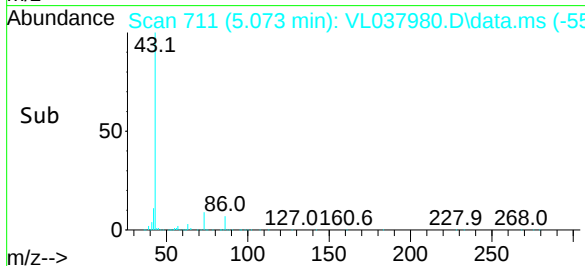


Tgt Ion: 43 Resp: 178683

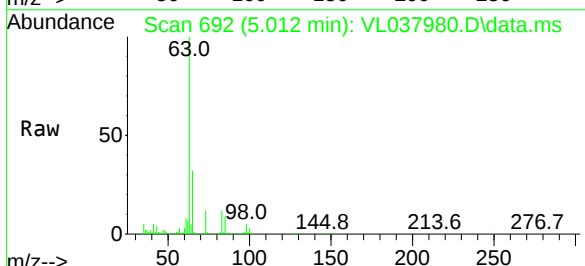
Ion	Ratio	Lower	Upper
43	100		
86	7.3	5.5	8.3
42	10.6	7.4	11.2
44	5.4	4.7	7.1

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

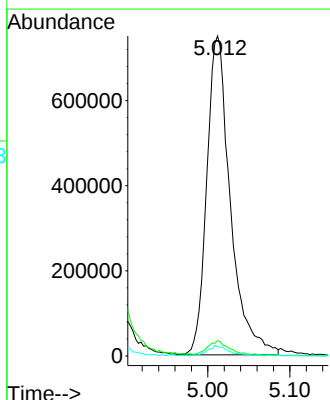
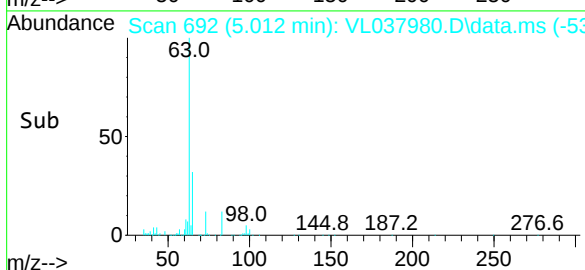


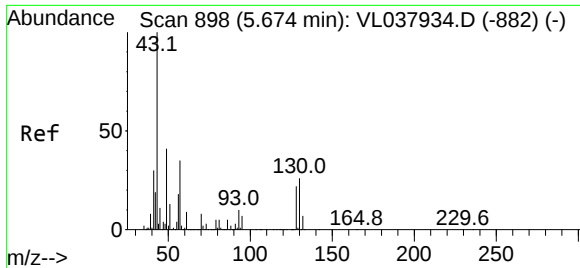
#24
 1,1-Dichloroethane
 Concen: 9.359 ppbv
 RT: 5.012 min Scan# 692
 Delta R.T. -0.000 min
 Lab File: VL037980.D
 Acq: 9 Nov 2021 14:31



Tgt Ion: 63 Resp: 1499796

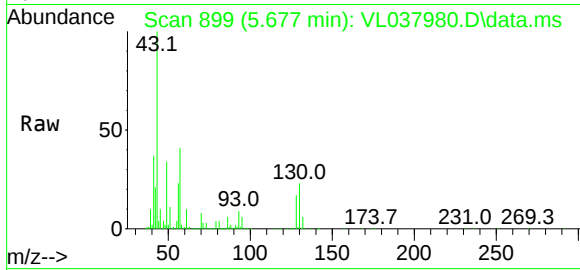
Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.3	6.9
100	3.0	1.2	3.6





#25
Ethyl Acetate
Concen: 9.838 ppbv
RT: 5.677 min Scan# 899
Delta R.T. 0.003 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

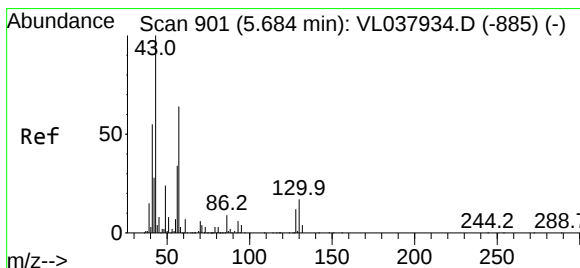
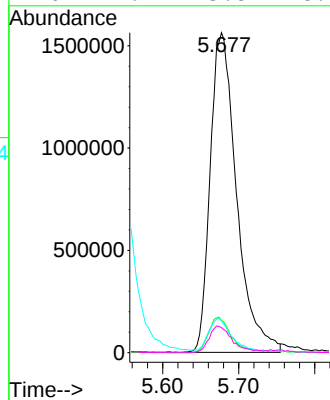
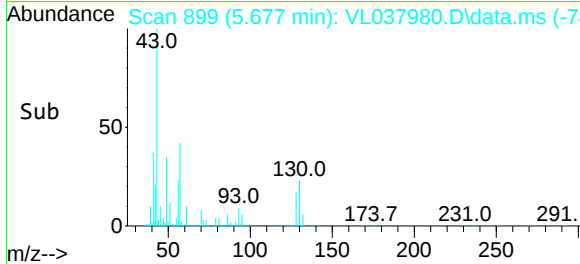
Instrument :
MSVOA_L
Client Sample Id :
VL1109ABS01



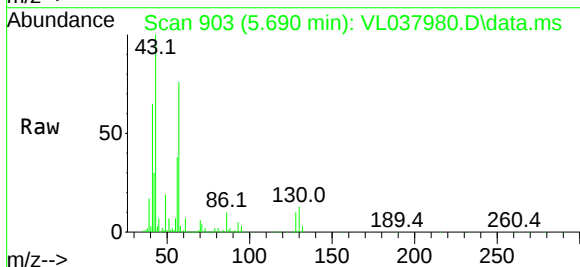
Tgt Ion: 43 Resp: 3764579
Ion Ratio Lower Upper
43 100
45 10.1 8.1 12.1
61 10.2 8.1 12.1
70 7.4 5.8 8.6

Manual Integrations
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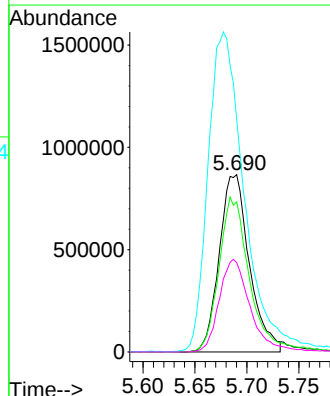
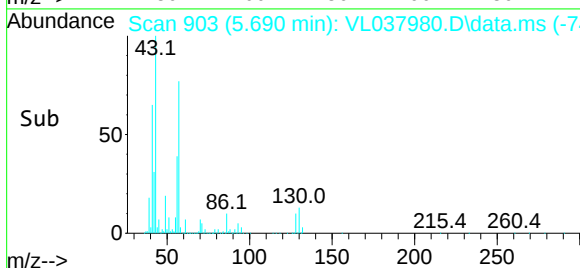
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

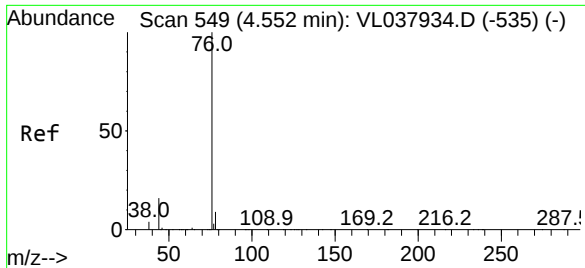


#26
Hexane
Concen: 9.645 ppbv
RT: 5.690 min Scan# 903
Delta R.T. 0.006 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31



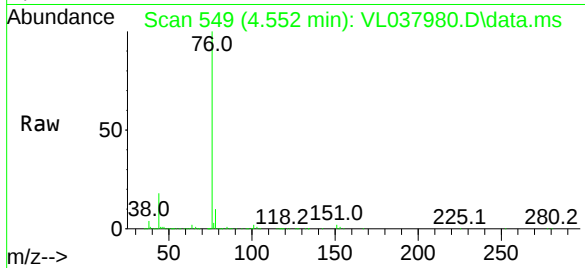
Tgt Ion: 57 Resp: 1748594
Ion Ratio Lower Upper
57 100
41 89.6 71.0 106.6
43 219.7 173.0 259.6
56 54.4 43.6 65.4





#27
Carbon Disulfide
Concen: 10.461 ppbv
RT: 4.552 min Scan# 549
Delta R.T. -0.000 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

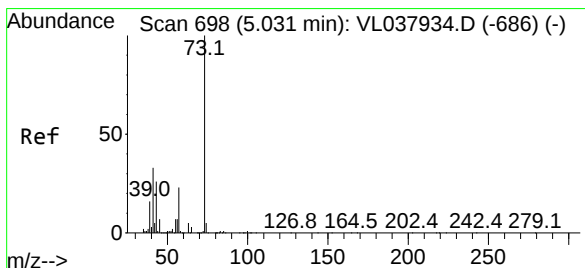
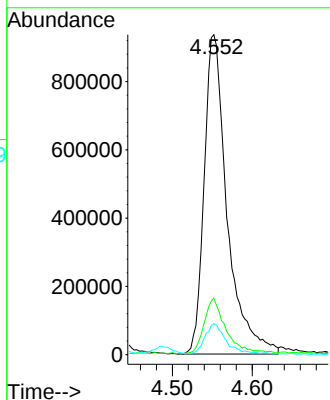
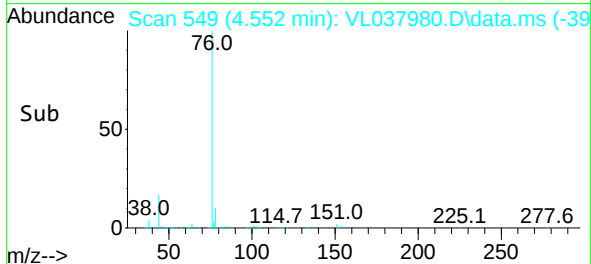
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01



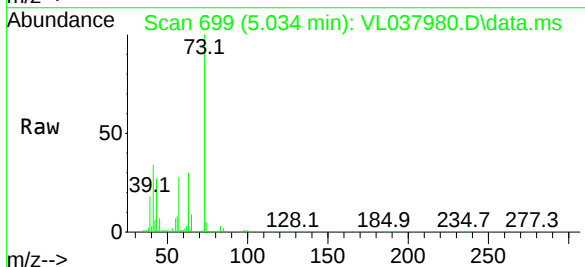
Tgt Ion: 76 Resp: 1872190
Ion Ratio Lower Upper
76 100
44 16.9 13.2 19.8
78 9.5 7.2 10.8

Manual Integrations
APPROVED

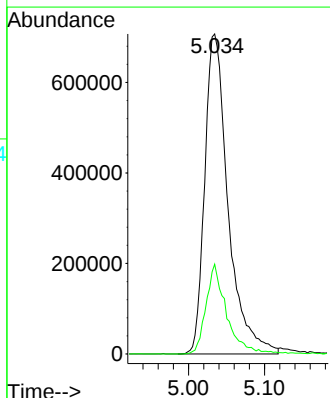
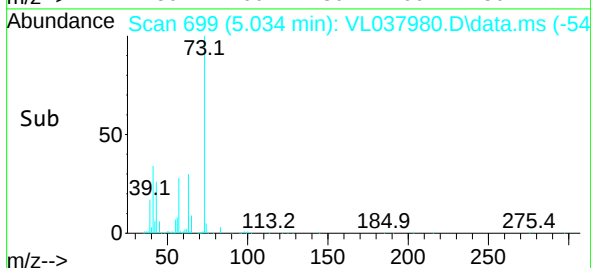
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

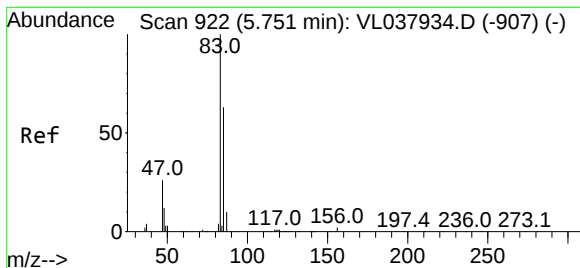


#28
Methyl tert-Butyl Ether
Concen: 9.901 ppbv
RT: 5.034 min Scan# 699
Delta R.T. 0.003 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31



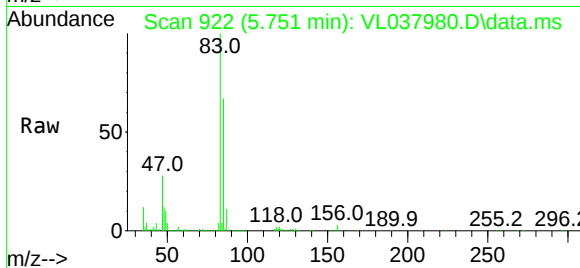
Tgt Ion: 73 Resp: 1509013
Ion Ratio Lower Upper
73 100
57 25.1 20.1 30.1





#29
Chloroform
Concen: 9.246 ppbv
RT: 5.751 min Scan# 911
Delta R.T. -0.000 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

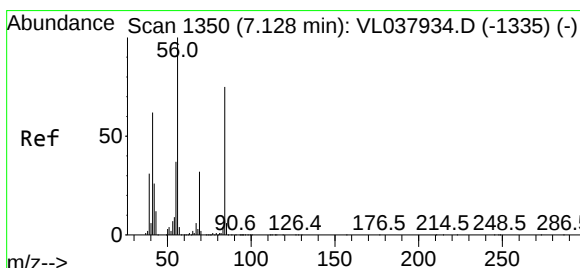
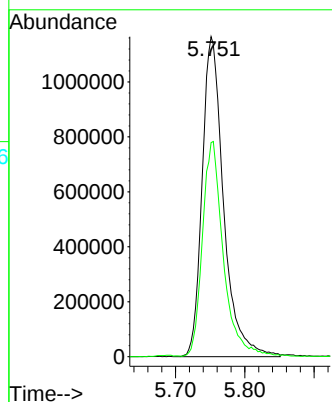
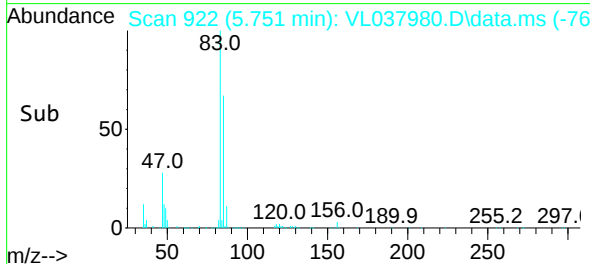
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01



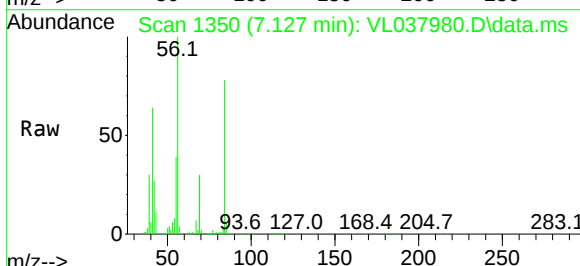
Tgt Ion: 83 Resp: 2499684
Ion Ratio Lower Upper
83 100
85 66.7 50.6 76.0

Manual Integrations
APPROVED

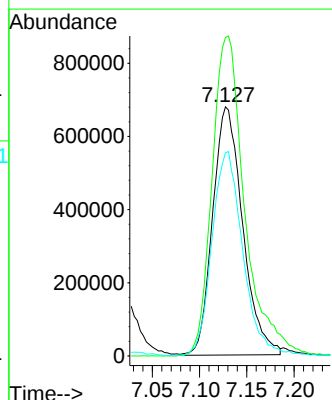
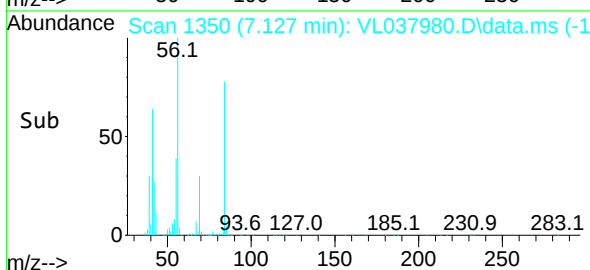
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

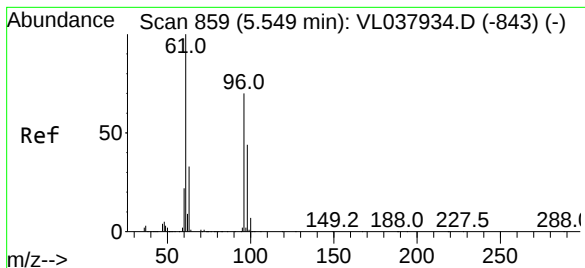


#30
Cyclohexane
Concen: 9.670 ppbv
RT: 7.127 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31



Tgt Ion: 84 Resp: 1498612
Ion Ratio Lower Upper
84 100
56 141.0 114.0 171.0
41 85.5 68.3 102.5





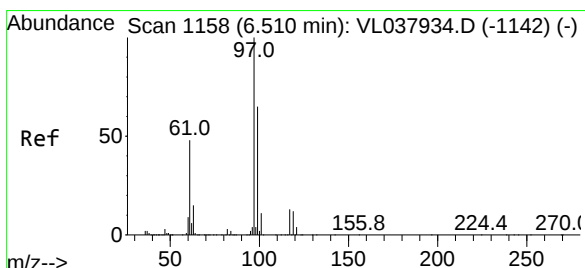
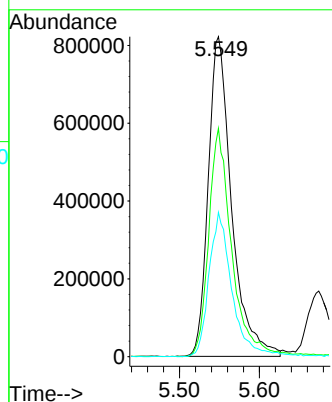
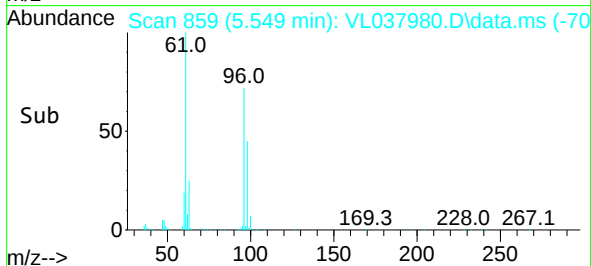
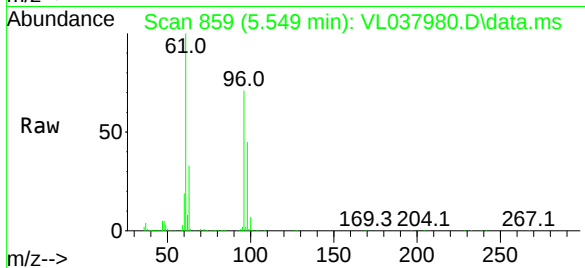
#31
cis-1,2-Dichloroethene
Concen: 10.091 ppbv
RT: 5.549 min Scan# 859
Delta R.T. -0.000 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01

Tgt Ion: 61 Resp: 166915
Ion Ratio Lower Upper
61 100
96 71.3 55.6 83.4
98 45.1 34.9 52.3

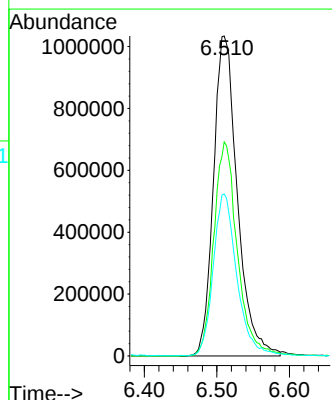
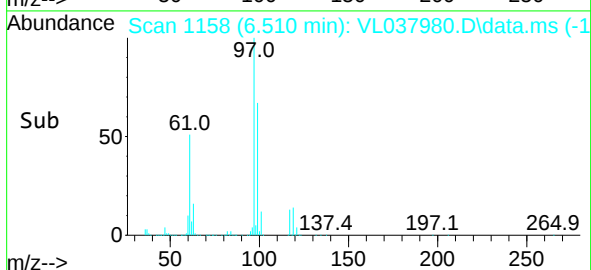
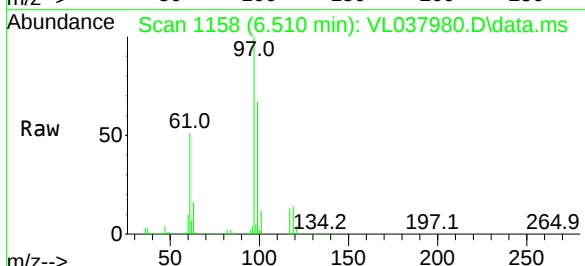
Manual Integrations
APPROVED

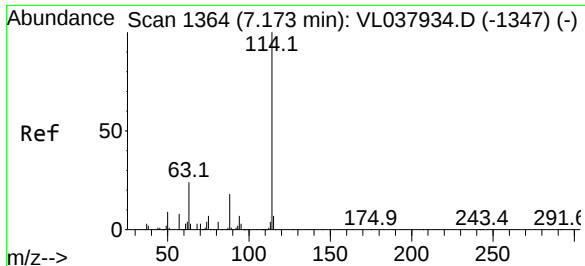
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#32
1,1,1-Trichloroethane
Concen: 8.920 ppbv
RT: 6.510 min Scan# 1158
Delta R.T. -0.000 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

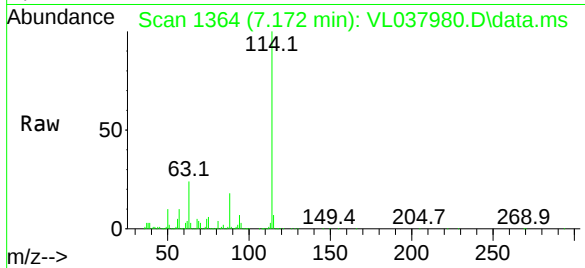
Tgt Ion: 97 Resp: 2370434
Ion Ratio Lower Upper
97 100
99 66.0 52.2 78.4
61 50.5 39.8 59.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.172 min Scan# 114
Delta R.T. -0.000 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

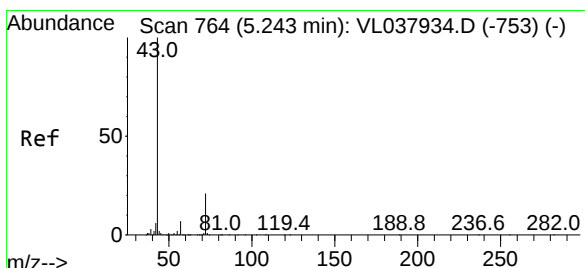
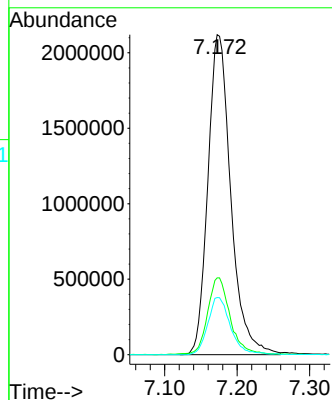
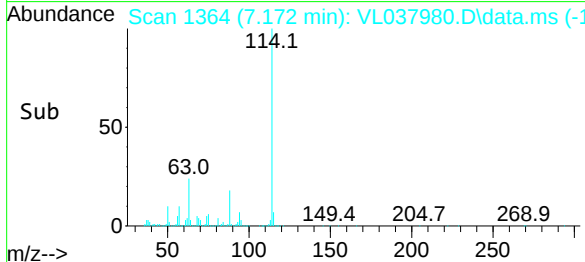
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01



Tgt Ion:114 Resp: 465424
Ion Ratio Lower Upper
114 100
63 23.9 19.4 29.0
88 17.9 14.2 21.4

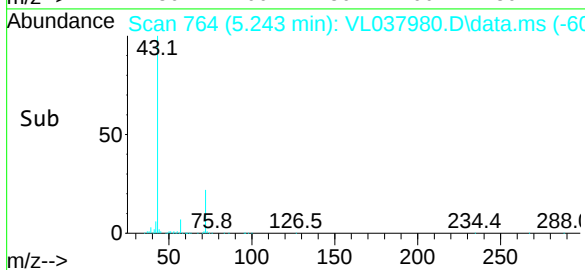
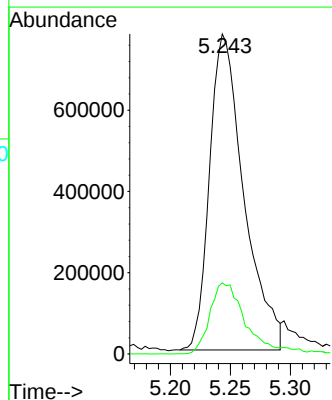
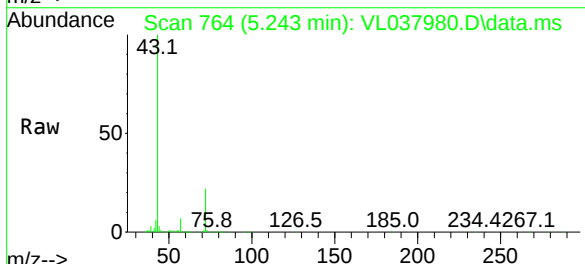
Manual Integrations
APPROVED

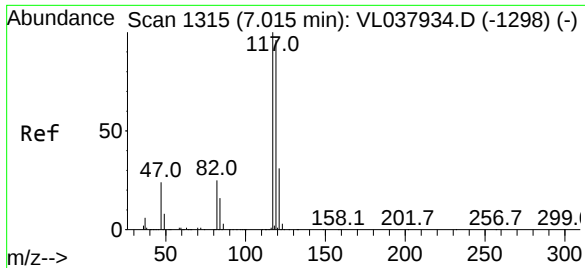
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#34
2-Butanone
Concen: 8.989 ppbv
RT: 5.243 min Scan# 764
Delta R.T. -0.000 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

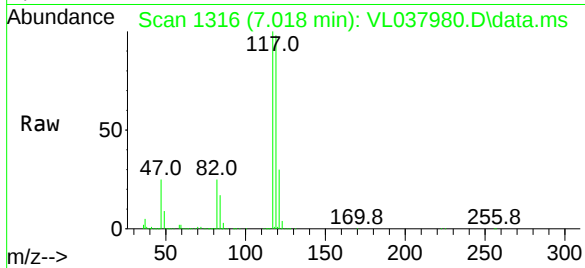
Tgt Ion: 43 Resp: 1550208
Ion Ratio Lower Upper
43 100
72 24.5 18.3 27.5





#35
Carbon Tetrachloride
Concen: 8.892 ppbv
RT: 7.018 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

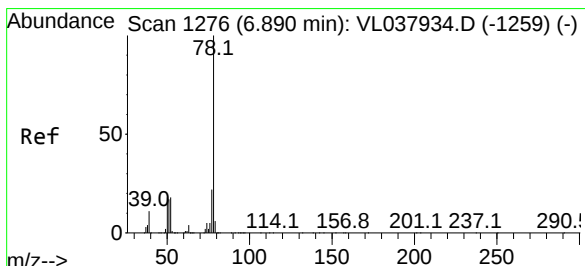
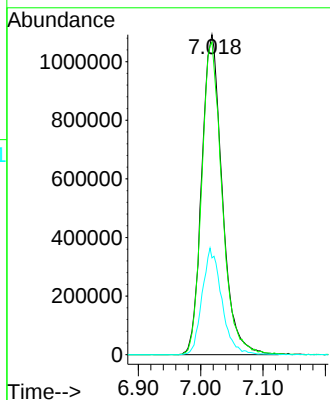
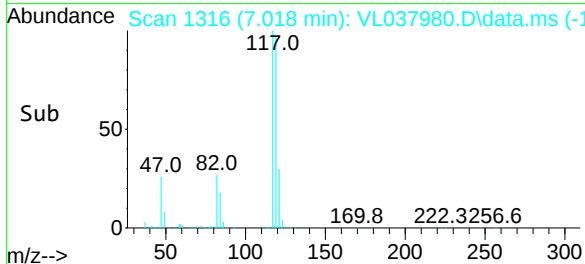
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01



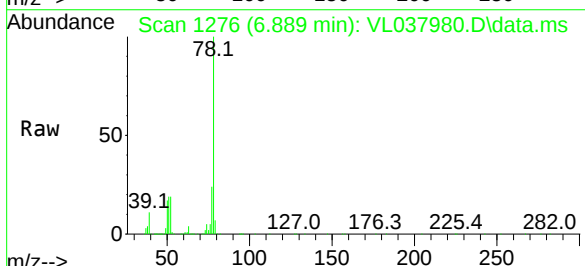
Tgt Ion: 117 Resp: 250199
Ion Ratio Lower Upper
117 100
119 97.7 76.6 114.8
121 30.3 25.1 37.7

Manual Integrations
APPROVED

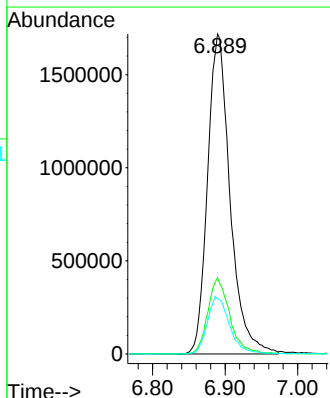
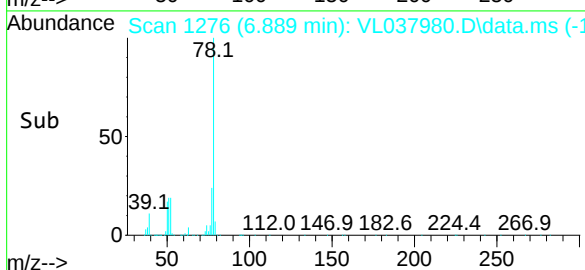
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

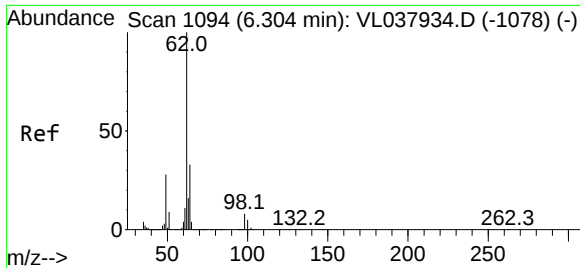


#36
Benzene
Concen: 9.764 ppbv
RT: 6.889 min Scan# 1276
Delta R.T. -0.000 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31



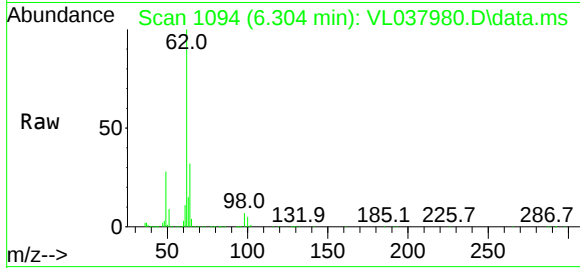
Tgt Ion: 78 Resp: 3700933
Ion Ratio Lower Upper
78 100
77 23.8 17.9 26.9
50 17.2 14.4 21.6





#37
1,2-Dichloroethane
Concen: 9.730 ppbv
RT: 6.304 min Scan# 1094
Delta R.T. -0.000 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

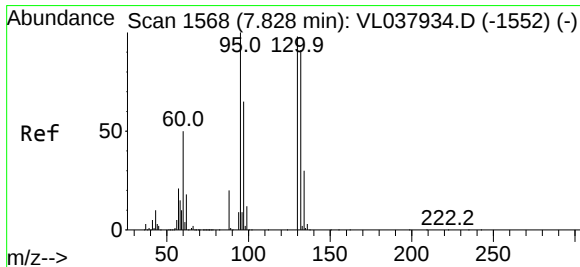
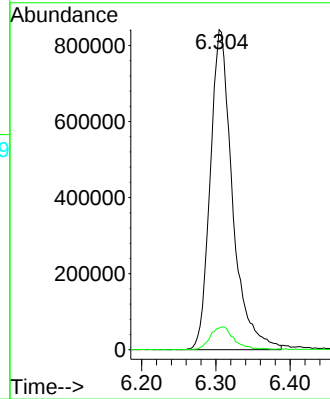
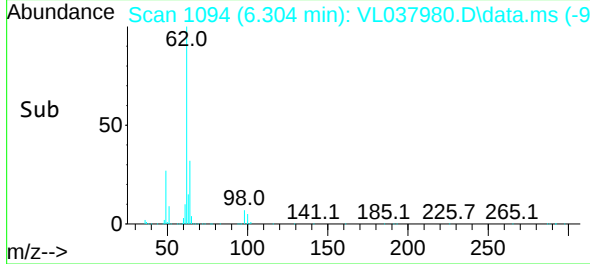
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01



Tgt Ion: 62 Resp: 175332
Ion Ratio Lower Upper
62 100
98 8.0 6.5 9.7

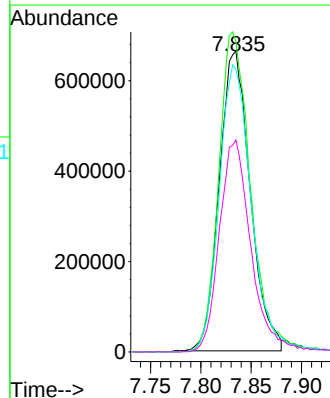
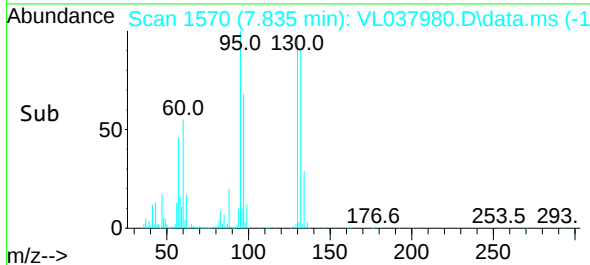
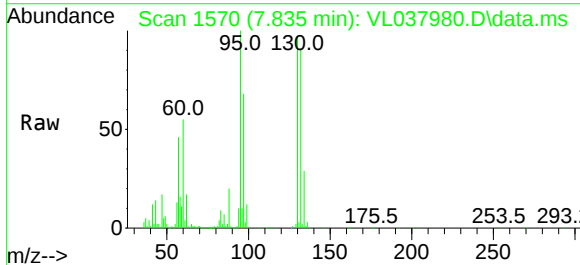
Manual Integrations
APPROVED

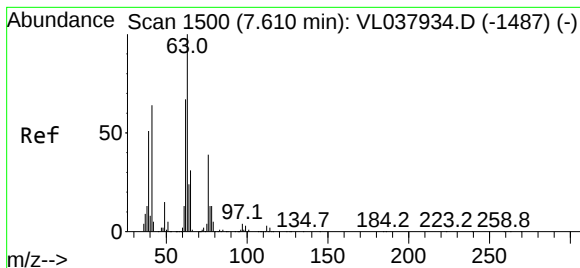
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021



#38
Trichloroethene
Concen: 9.029 ppbv
RT: 7.835 min Scan# 1570
Delta R.T. 0.006 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

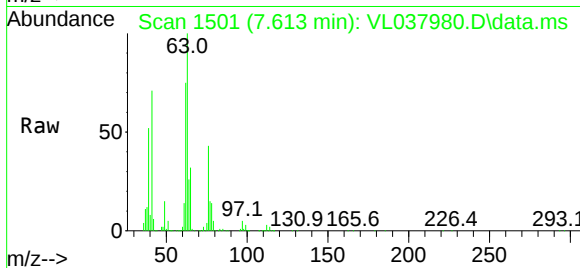
Tgt Ion:130 Resp: 1420448
Ion Ratio Lower Upper
130 100
95 103.4 81.8 122.8
132 94.1 74.2 111.2
97 70.6 53.4 80.2





#39
1,2-Dichloropropane
Concen: 9.867 ppbv
RT: 7.613 min Scan# 1500
Delta R.T. 0.003 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

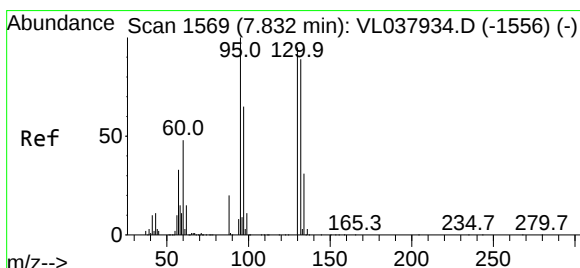
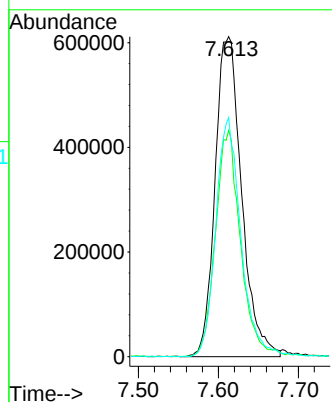
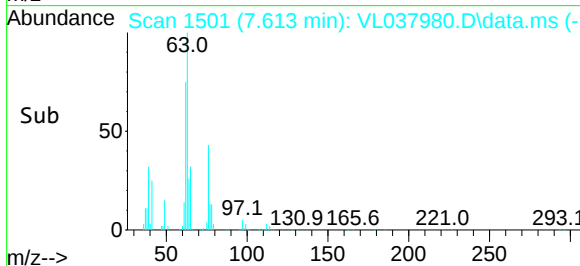
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01



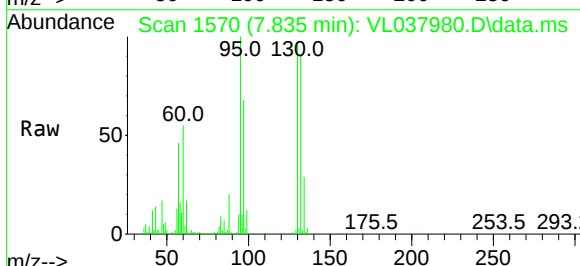
Tgt Ion: 63 Resp: 140715
Ion Ratio Lower Upper
63 100
41 70.7 51.6 77.4
62 74.7 53.5 80.3

Manual Integrations
APPROVED

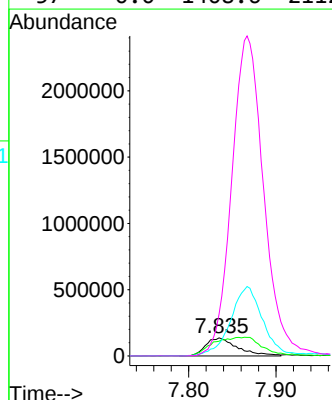
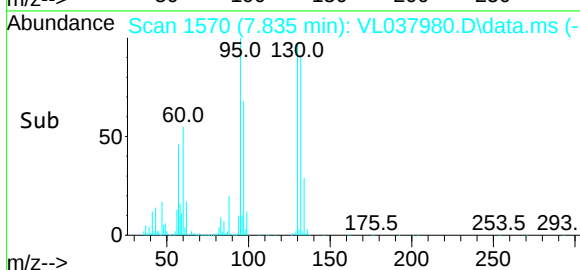
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

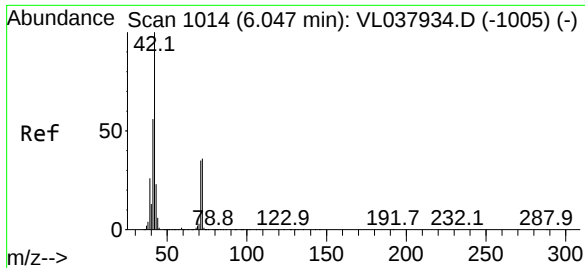


#40
1,4-Dioxane
Concen: 9.261 ppbv m
RT: 7.835 min Scan# 1570
Delta R.T. 0.003 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31



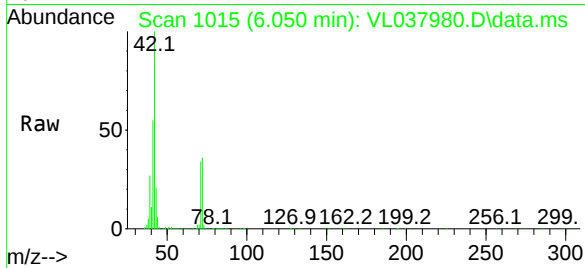
Tgt Ion: 88 Resp: 347840
Ion Ratio Lower Upper
88 100
58 0.0 129.1 193.7#
43 0.0 313.2 469.8#
57 0.0 1408.6 2112.8#





#41
Tetrahydrofuran
Concen: 10.561 ppbv
RT: 6.050 min Scan# 1014
Delta R.T. 0.003 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

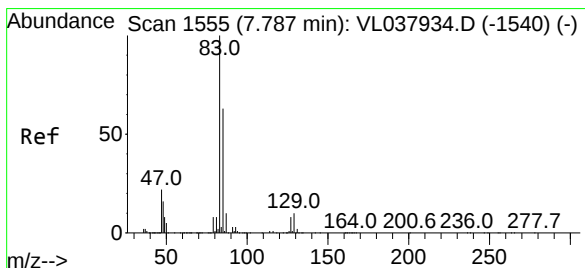
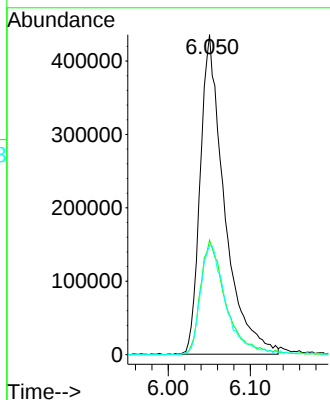
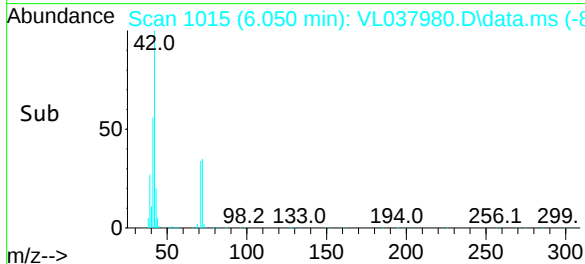
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01



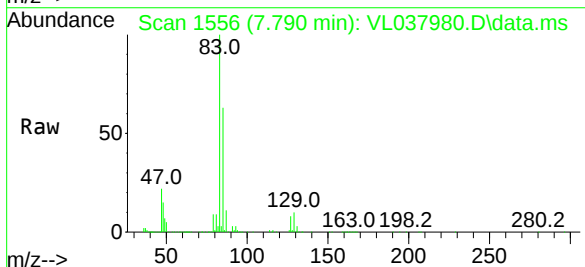
Tgt Ion: 42 Resp: 89120
Ion Ratio Lower Upper
42 100
72 38.0 31.5 47.3
71 37.2 30.5 45.7

Manual Integrations
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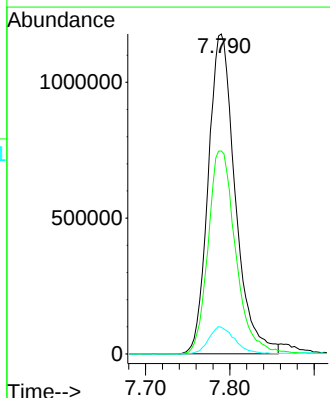
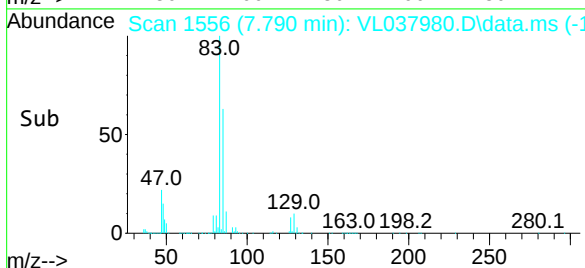
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

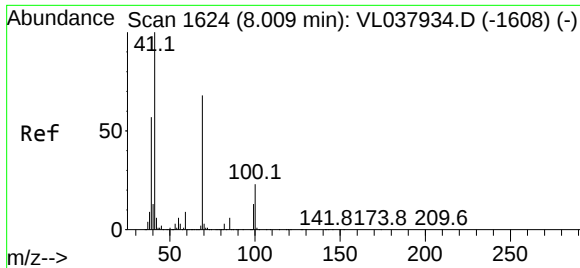


#42
Bromodichloromethane
Concen: 9.592 ppbv
RT: 7.790 min Scan# 1556
Delta R.T. 0.003 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31



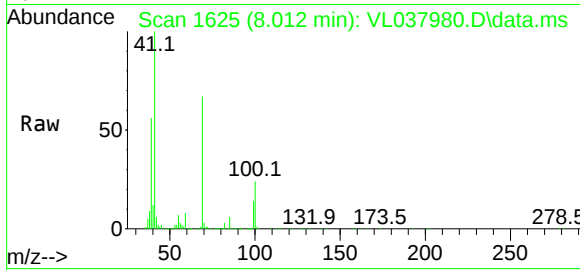
Tgt Ion: 83 Resp: 2613379
Ion Ratio Lower Upper
83 100
85 63.4 50.1 75.1
127 8.3 6.1 9.1





#43
Methyl Methacrylate
Concen: 10.575 ppbv
RT: 8.012 min Scan# 1
Delta R.T. 0.003 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

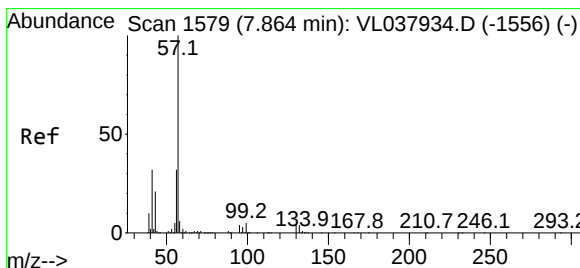
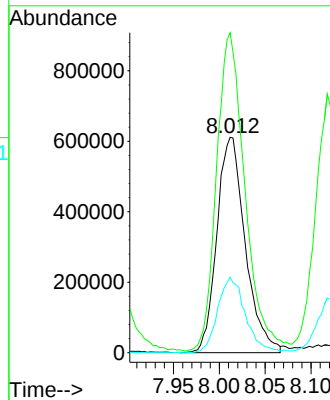
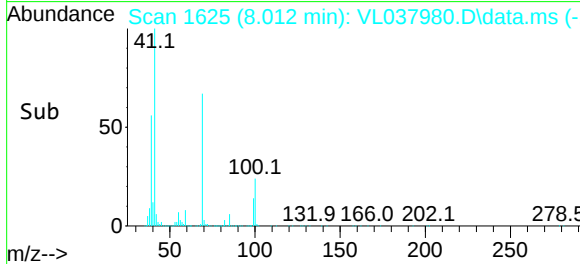
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01



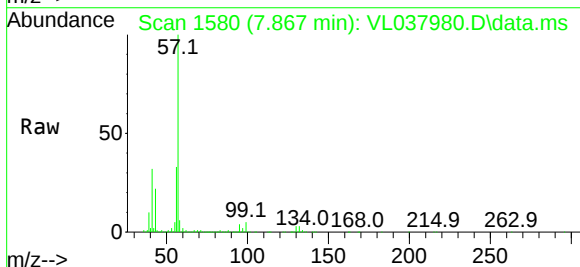
Tgt Ion: 69 Resp: 1315590
Ion Ratio Lower Upper
69 100
41 149.1 117.4 176.2
100 34.3 27.8 41.6

Manual Integrations
APPROVED

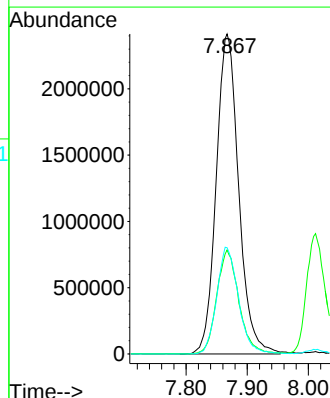
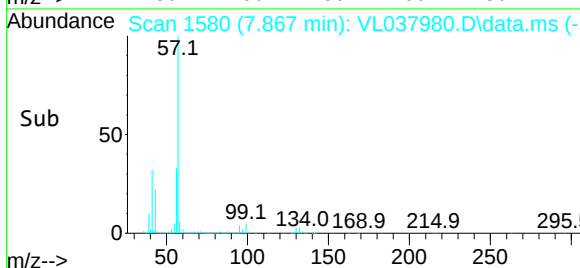
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

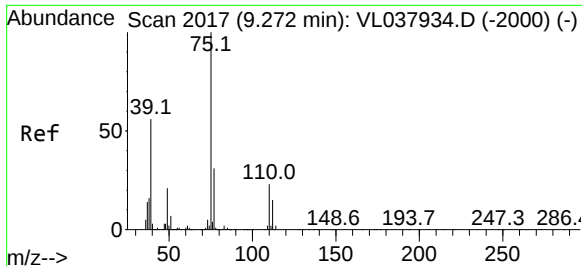


#44
2,2,4-Trimethylpentane
Concen: 9.556 ppbv
RT: 7.867 min Scan# 1580
Delta R.T. 0.003 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31



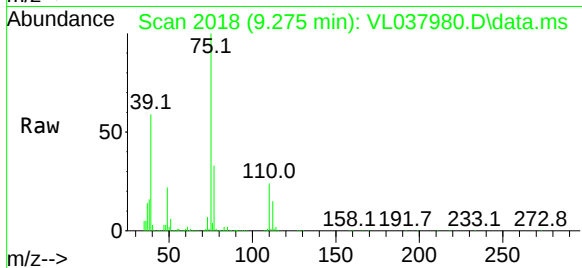
Tgt Ion: 57 Resp: 6160579
Ion Ratio Lower Upper
57 100
41 31.9 25.8 38.8
56 32.2 25.9 38.9





#45
 t-1,3-Dichloropropene
 Concen: 11.503 ppbv
 RT: 9.275 min Scan# 2017
 Delta R.T. 0.003 min
 Lab File: VL037980.D
 Acq: 9 Nov 2021 14:31

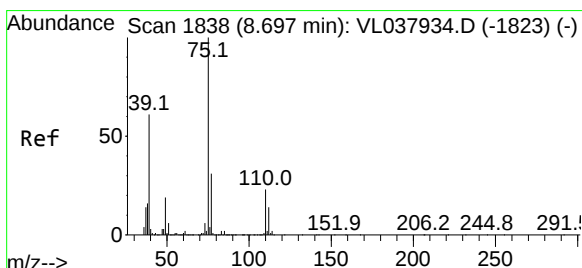
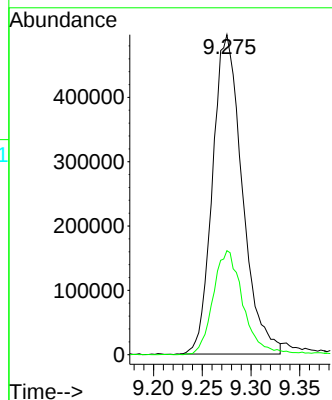
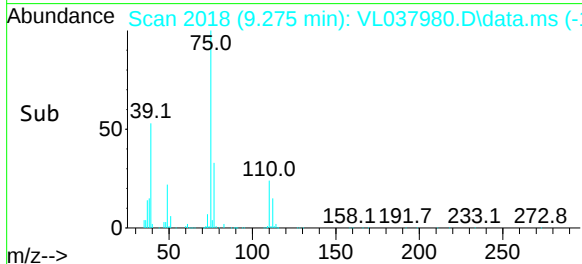
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1109ABS01



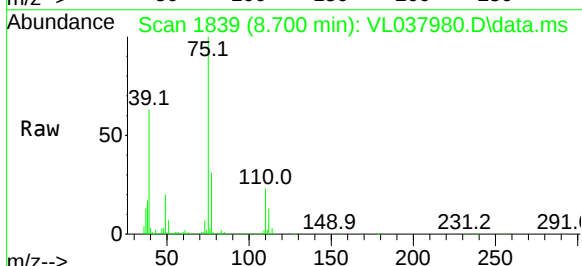
Tgt Ion: 75 Resp: 105154
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.2 37.8

Manual Integrations
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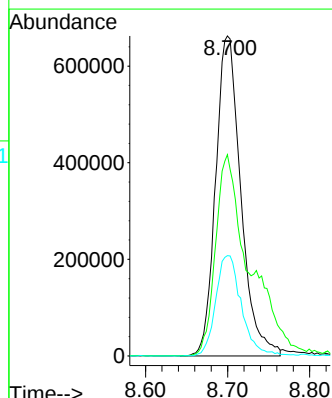
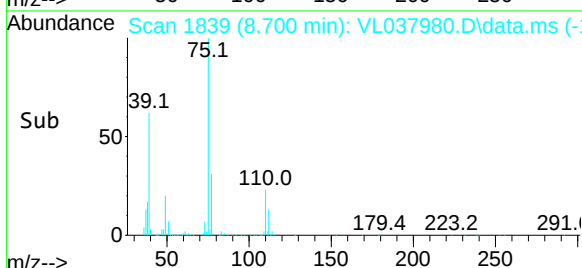
Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

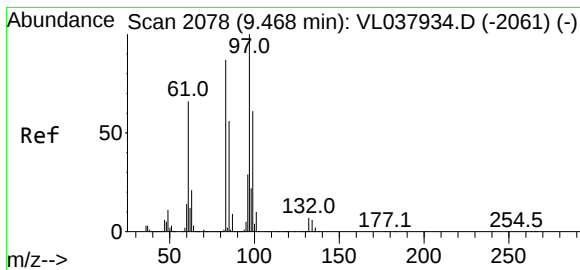


#46
 cis-1,3-Dichloropropene
 Concen: 11.260 ppbv
 RT: 8.700 min Scan# 1839
 Delta R.T. 0.003 min
 Lab File: VL037980.D
 Acq: 9 Nov 2021 14:31



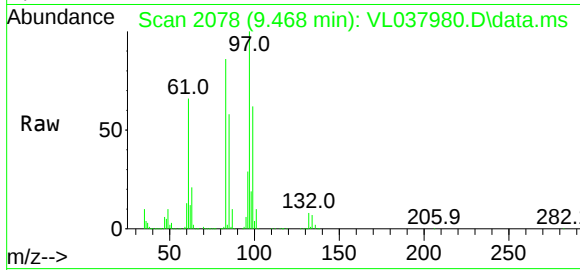
Tgt Ion: 75 Resp: 1415237
 Ion Ratio Lower Upper
 75 100
 39 62.7 48.8 73.2
 77 31.3 24.6 36.8





#47
1,1,2-Trichloroethane
Concen: 9.074 ppbv
RT: 9.468 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01

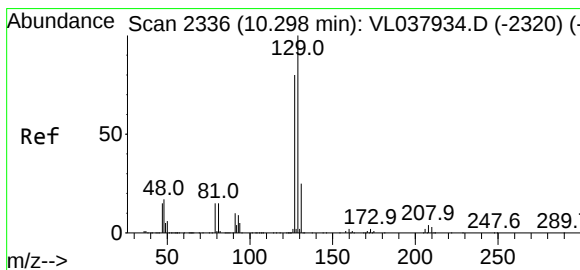
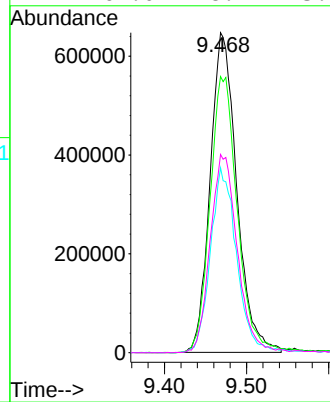
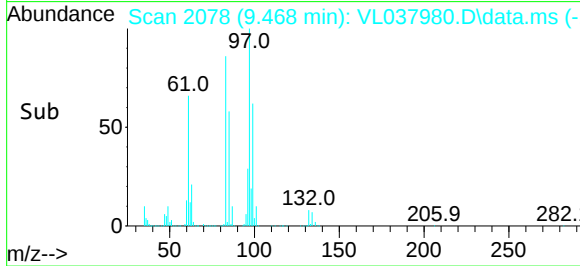


Tgt Ion: 97 Resp: 145397

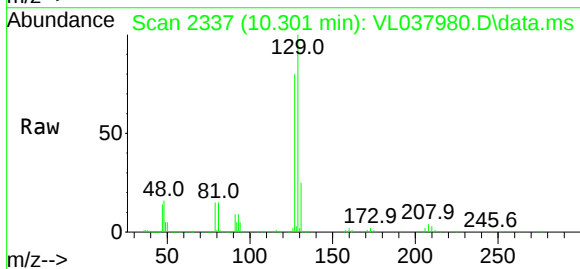
Ion	Ratio	Lower	Upper
97	100		
83	86.3	69.4	104.2
85	57.7	45.0	67.6
99	62.0	48.7	73.1

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

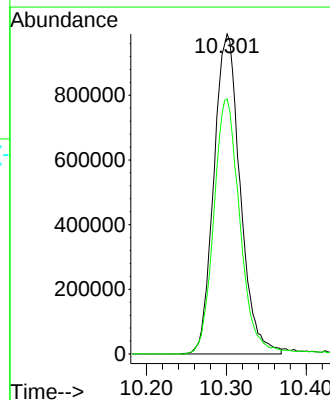
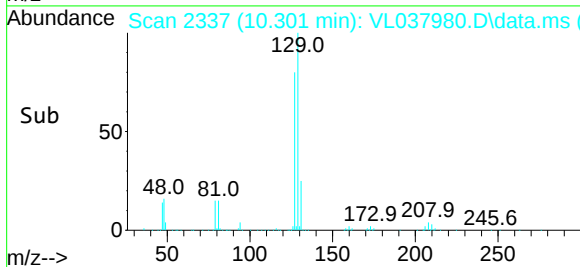


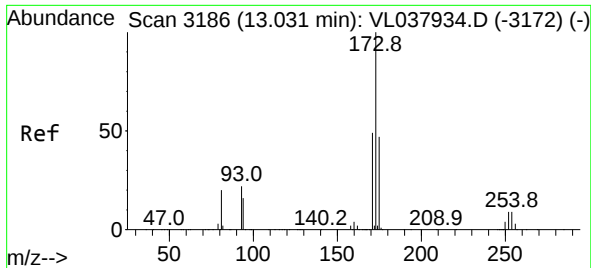
#48
Dibromochloromethane
Concen: 9.972 ppbv
RT: 10.301 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31



Tgt Ion:129 Resp: 2262278

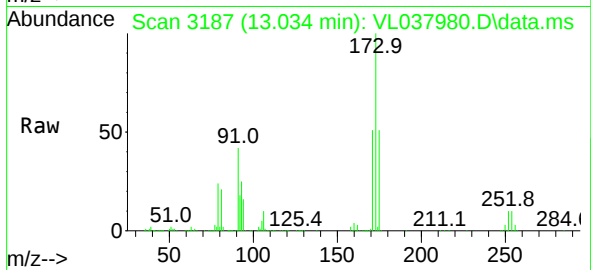
Ion	Ratio	Lower	Upper
129	100		
127	80.0	40.3	120.9





#49
Bromoform
Concen: 9.875 ppbv
RT: 13.034 min Scan# 3186
Delta R.T. 0.003 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

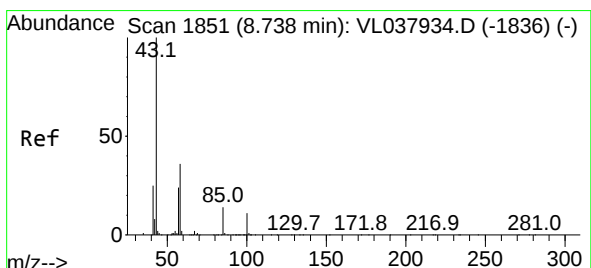
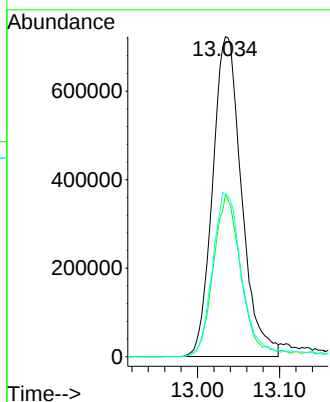
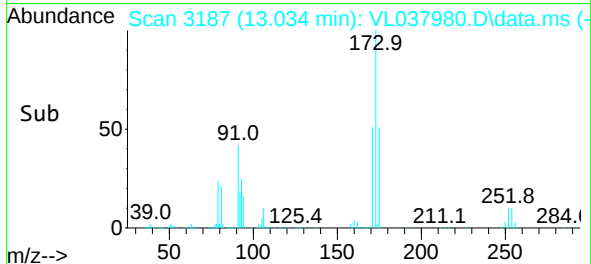
Instrument : MSVOA_L
ClientSampleId : VL1109ABS01



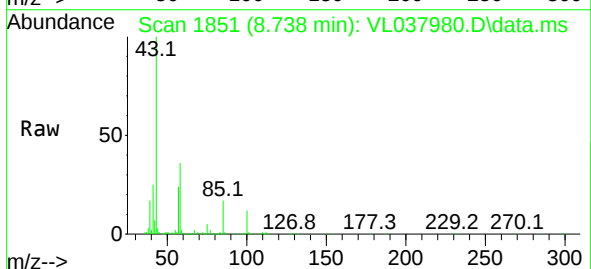
Tgt Ion:173 Resp: 177091
Ion Ratio Lower Upper
173 100
175 50.8 39.5 59.3
171 54.3 43.6 65.4

Manual Integrations
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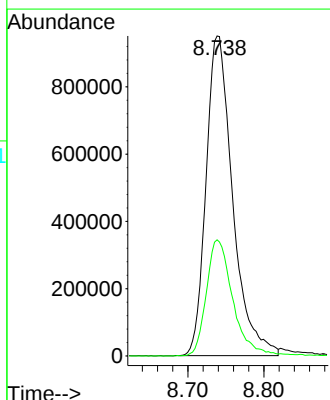
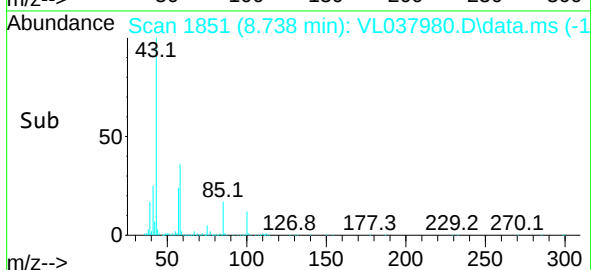
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

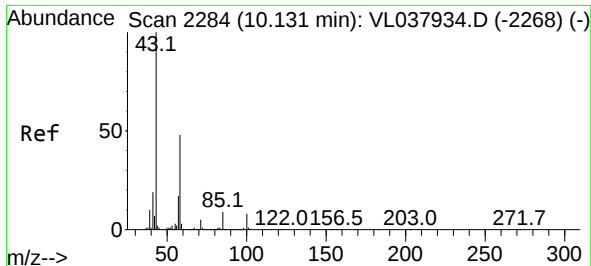


#50
4-Methyl-2-Pentanone
Concen: 10.196 ppbv
RT: 8.738 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31



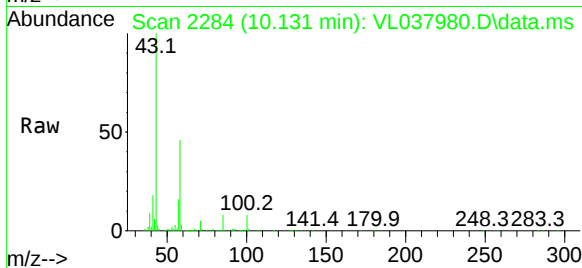
Tgt Ion: 43 Resp: 2310402
Ion Ratio Lower Upper
43 100
58 36.6 28.8 43.2





#51
2-Hexanone
Concen: 10.462 ppbv
RT: 10.131 min Scan# 2284
Delta R.T. -0.000 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

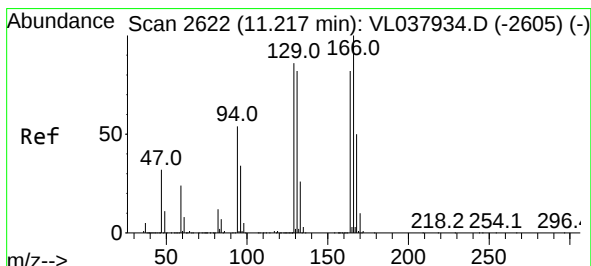
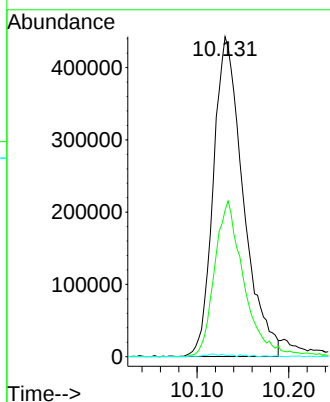
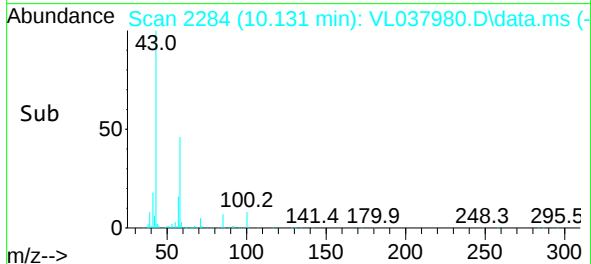
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01



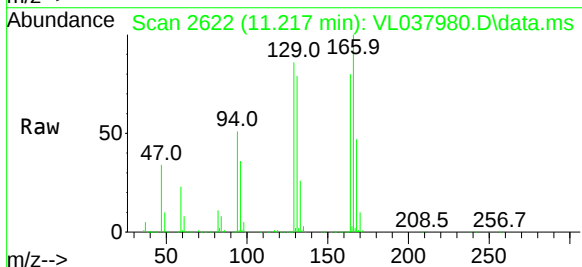
Tgt Ion: 43 Resp: 999169
Ion Ratio Lower Upper
43 100
58 48.9 38.6 57.8
98 0.8 1.0 1.4

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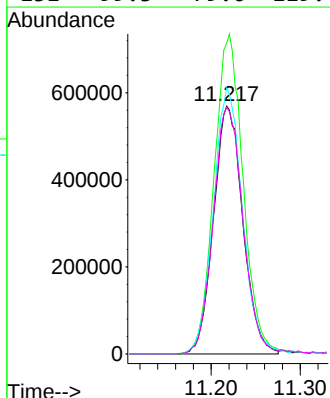
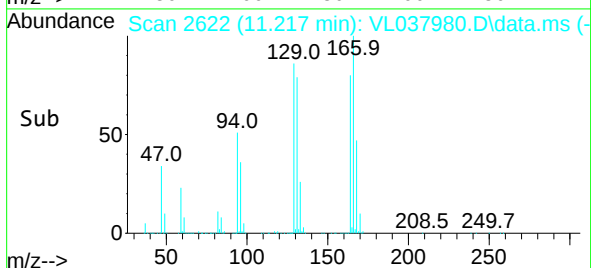
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

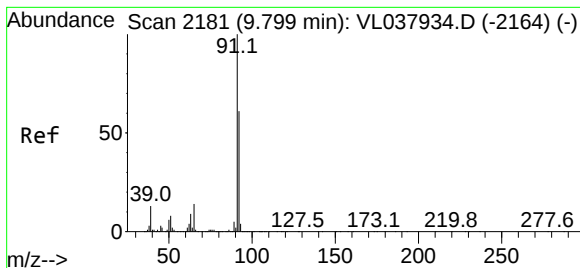


#52
Tetrachloroethene
Concen: 9.030 ppbv
RT: 11.217 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31



Tgt Ion:164 Resp: 1298306
Ion Ratio Lower Upper
164 100
166 125.2 97.6 146.4
129 107.2 84.2 126.2
131 99.3 79.6 119.4





#53

Toluene

Concen: 10.325 ppbv

RT: 9.803 min Scan# 2181

Delta R.T. 0.003 min

Lab File: VL037980.D

Acq: 9 Nov 2021 14:31

Instrument :

MSVOA_L

ClientSampleId :

VL1109ABS01

Tgt Ion: 91 Resp: 4195640

Ion Ratio Lower Upper

91 100

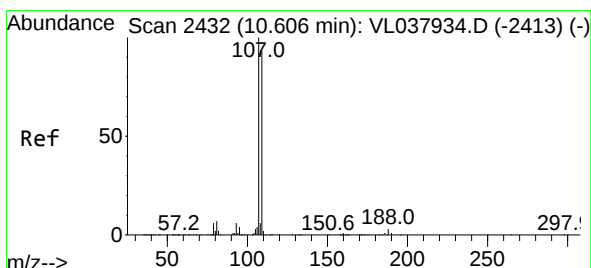
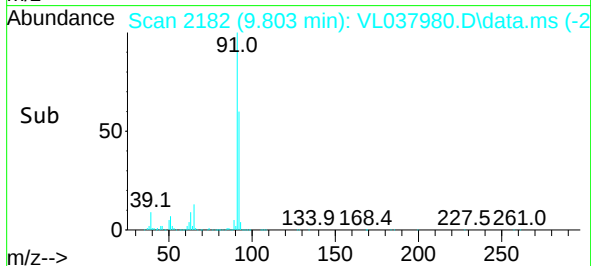
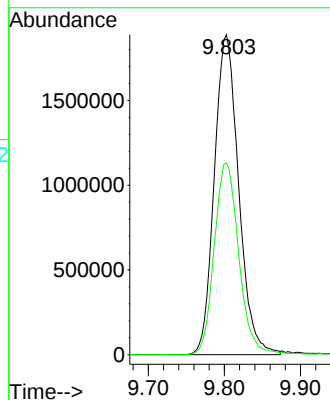
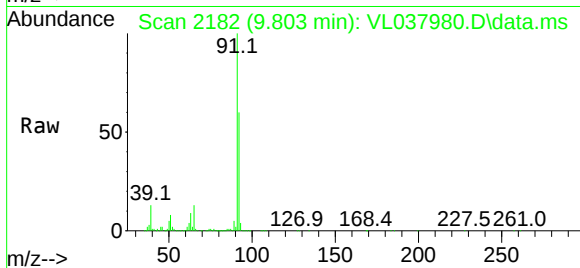
92 60.5 48.2 72.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#54

1,2-Dibromoethane

Concen: 9.987 ppbv

RT: 10.606 min Scan# 2432

Delta R.T. -0.000 min

Lab File: VL037980.D

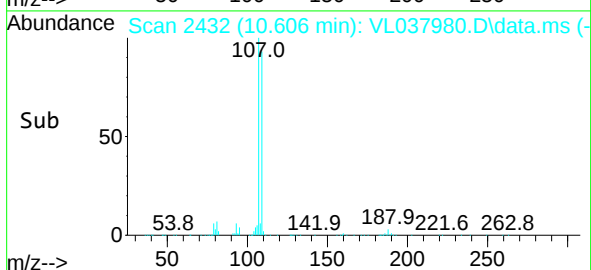
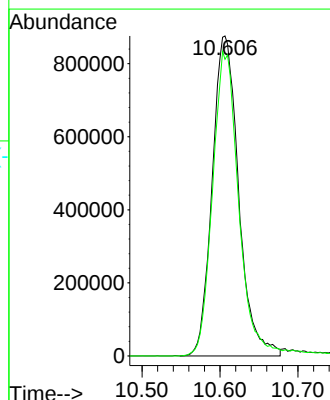
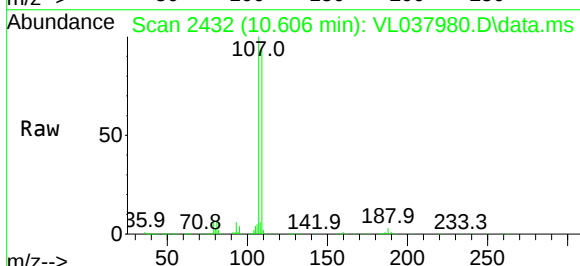
Acq: 9 Nov 2021 14:31

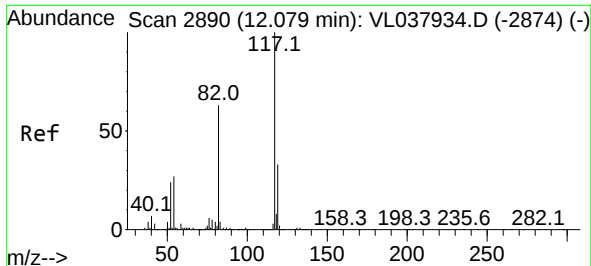
Tgt Ion:107 Resp: 2063874

Ion Ratio Lower Upper

107 100

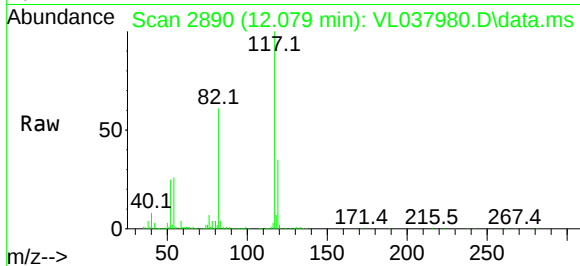
109 92.6 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.079 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

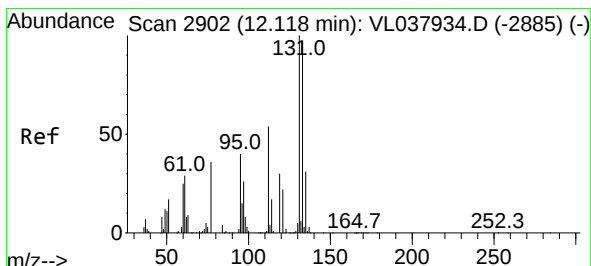
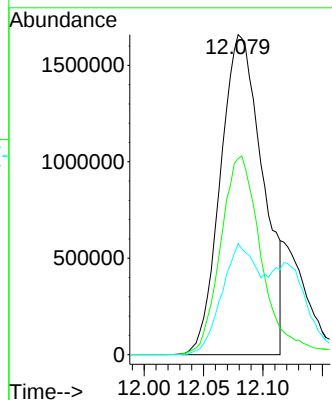
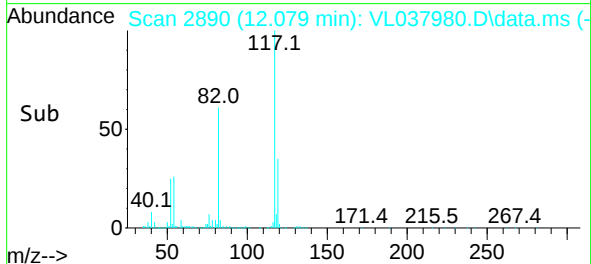
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01



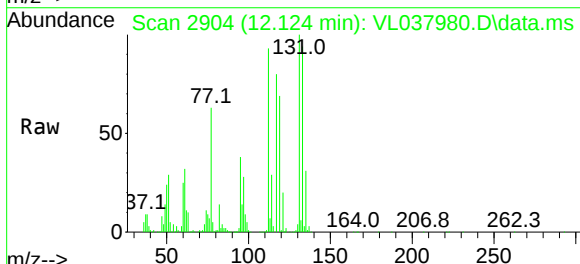
Tgt Ion:117 Resp: 4107818
Ion Ratio Lower Upper
117 100
82 62.0 51.0 76.6
119 28.4 26.9 40.3

Manual Integrations
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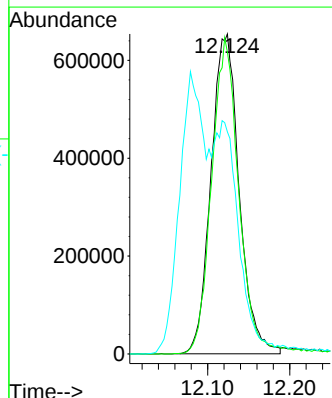
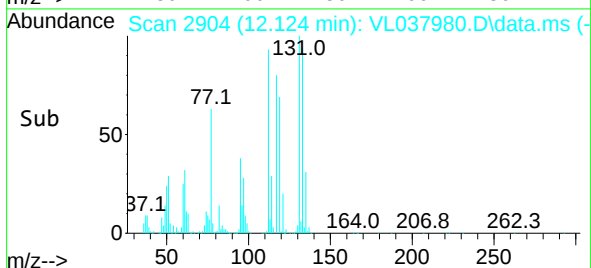
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

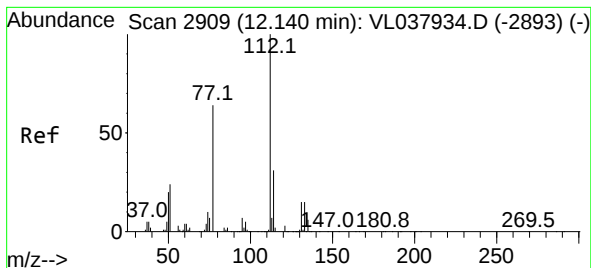


#56
1,1,1,2-Tetrachloroethane
Concen: 9.409 ppbv
RT: 12.124 min Scan# 2904
Delta R.T. 0.006 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31



Tgt Ion:131 Resp: 1560535
Ion Ratio Lower Upper
131 100
133 96.7 79.6 119.4
119 151.2 125.4 188.2





#57

Chlorobenzene

Concen: 9.116 ppbv

RT: 12.140 min Scan# 2909

Delta R.T. -0.000 min

Lab File: VL037980.D

Acq: 9 Nov 2021 14:31

Instrument :

MSVOA_L

ClientSampleId :

VL1109ABS01

Tgt Ion:112 Resp: 2988798

Ion Ratio Lower Upper

112 100

77 62.7 51.1 76.7

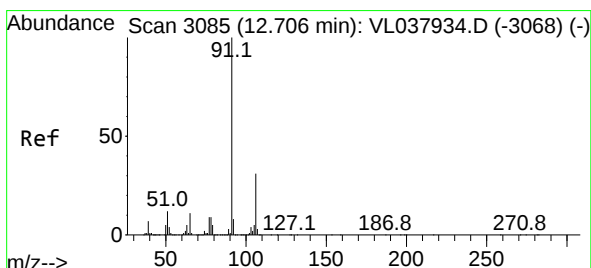
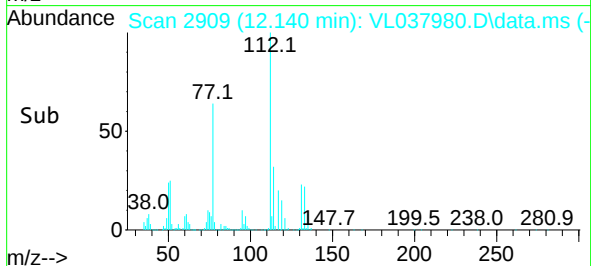
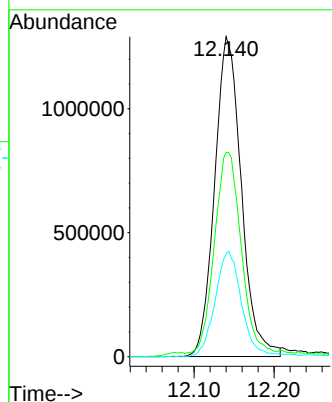
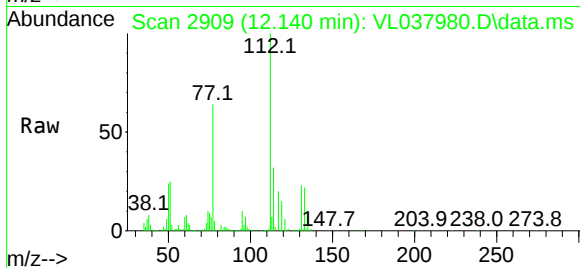
114 31.9 27.9 34.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#58

Ethyl Benzene

Concen: 10.386 ppbv

RT: 12.706 min Scan# 3085

Delta R.T. -0.000 min

Lab File: VL037980.D

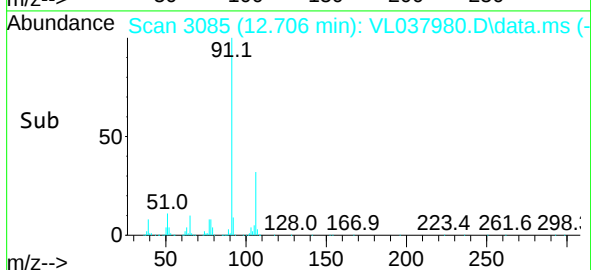
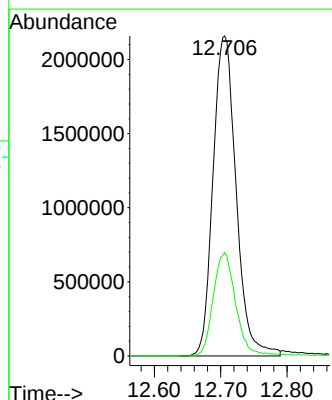
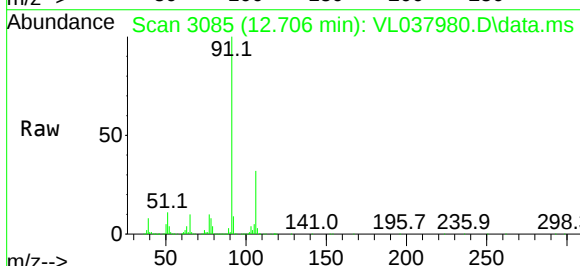
Acq: 9 Nov 2021 14:31

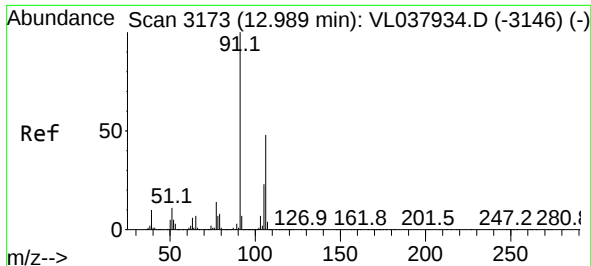
Tgt Ion: 91 Resp: 5217225

Ion Ratio Lower Upper

91 100

106 32.3 25.1 37.7





#59

m/p-Xylene

Concen: 19.409 ppbv m

RT: 12.992 min Scan# 3173

Delta R.T. 0.003 min

Lab File: VL037980.D

Acq: 9 Nov 2021 14:31

Instrument :

MSVOA_L

ClientSampleId :

VL1109ABS01

Tgt Ion: 91 Resp: 8666054

Ion Ratio Lower Upper

91 100

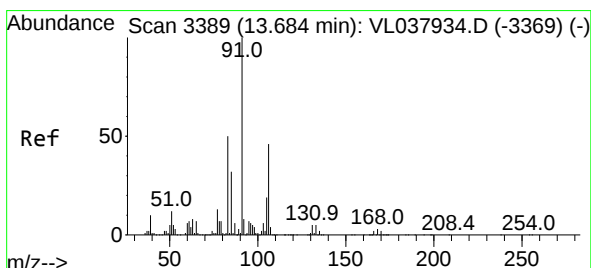
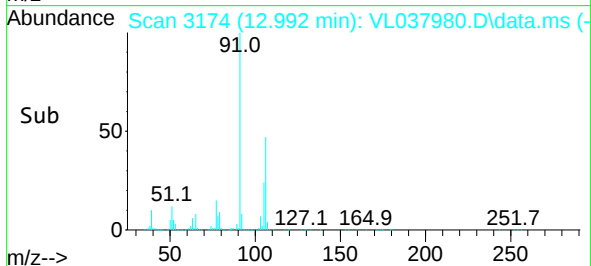
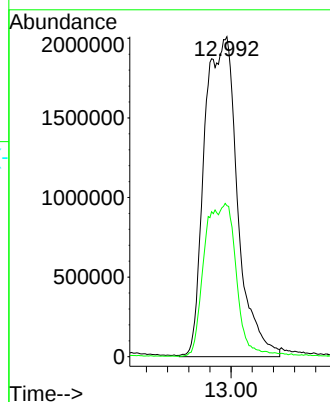
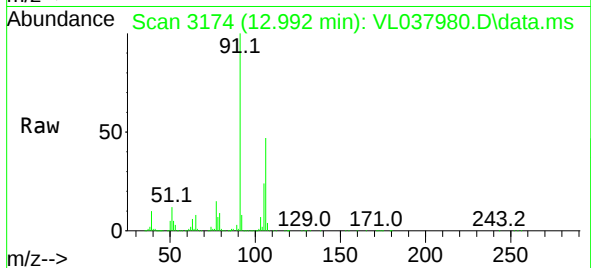
106 47.0 37.1 55.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#60

o-Xylene

Concen: 9.557 ppbv

RT: 13.683 min Scan# 3389

Delta R.T. -0.000 min

Lab File: VL037980.D

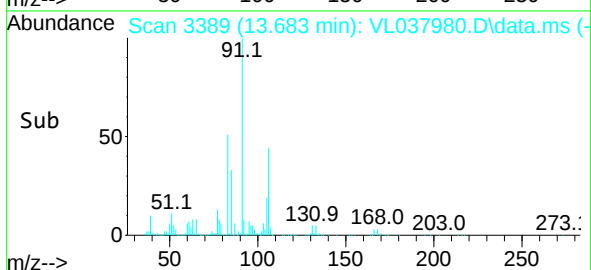
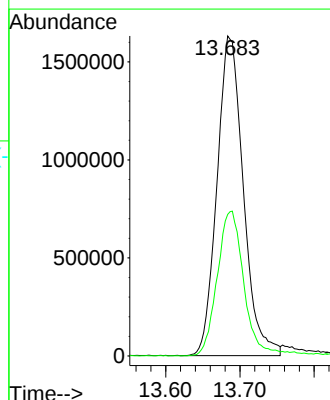
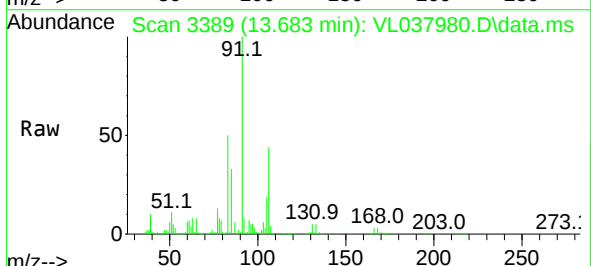
Acq: 9 Nov 2021 14:31

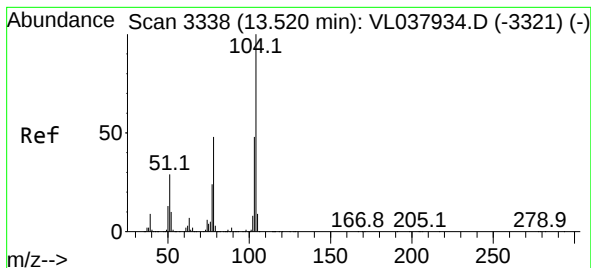
Tgt Ion: 91 Resp: 4023172

Ion Ratio Lower Upper

91 100

106 47.0 23.5 70.6





#61

Styrene

Concen: 11.508 ppbv

RT: 13.519 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL037980.D

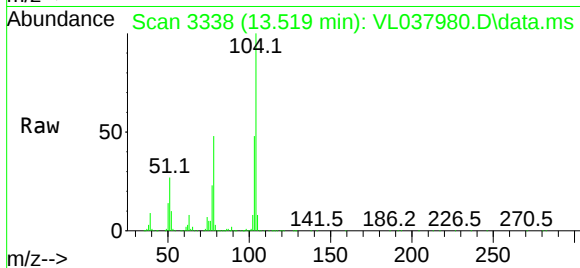
Acq: 9 Nov 2021 14:31

Instrument :

MSVOA_L

ClientSampleId :

VL1109ABS01



Tgt Ion:104 Resp: 222484

Ion Ratio Lower Upper

104 100

78 49.5 39.3 58.9

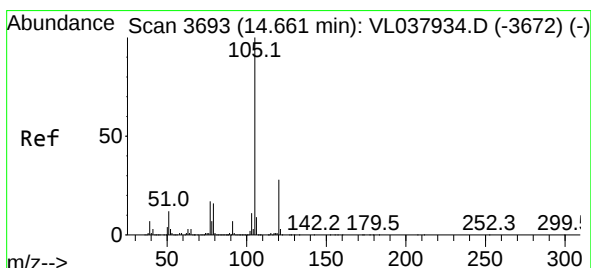
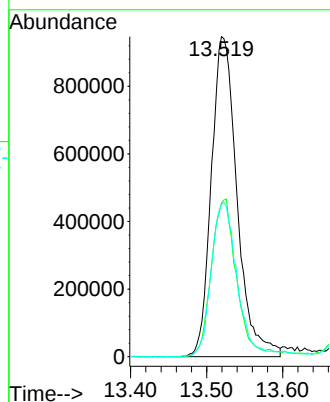
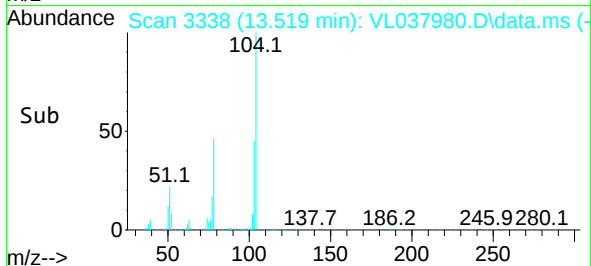
103 49.4 39.6 59.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#62

Isopropylbenzene

Concen: 9.255 ppbv

RT: 14.658 min Scan# 3692

Delta R.T. -0.003 min

Lab File: VL037980.D

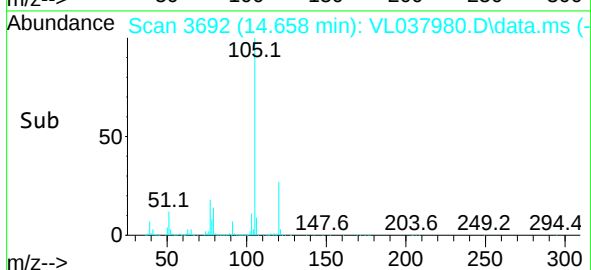
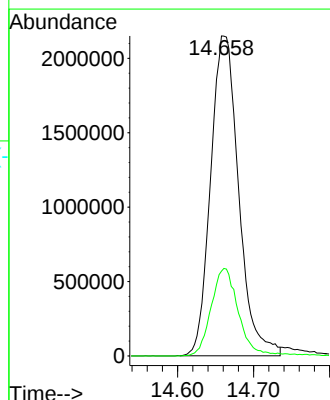
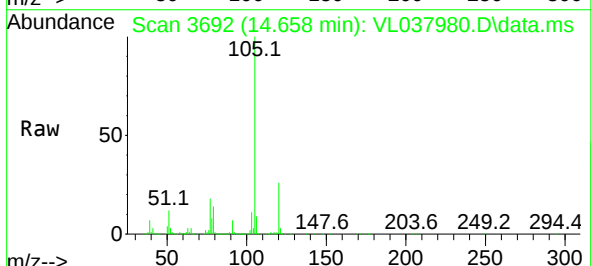
Acq: 9 Nov 2021 14:31

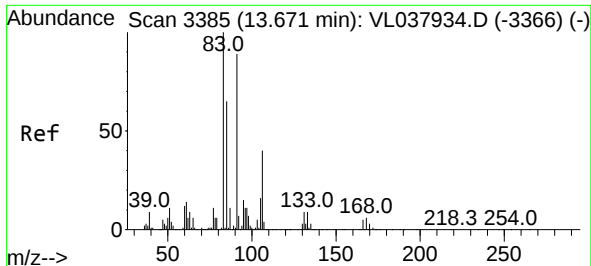
Tgt Ion:105 Resp: 5516865

Ion Ratio Lower Upper

105 100

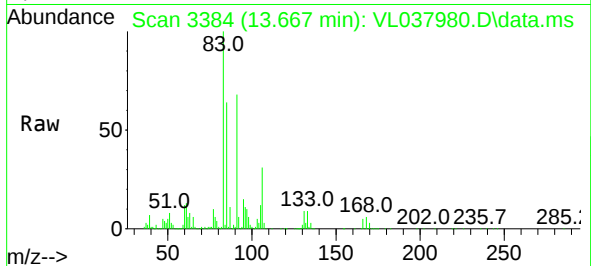
120 27.1 21.8 32.6





#63
1,1,2,2-Tetrachloroethane
Concen: 7.749 ppbv
RT: 13.667 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

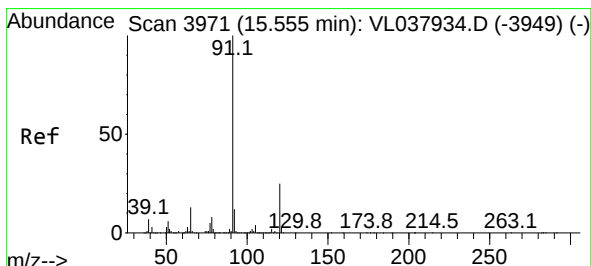
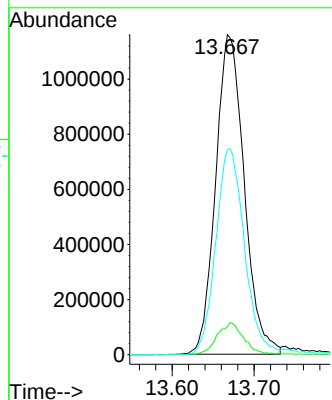
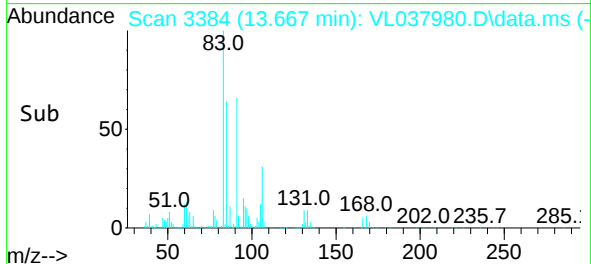
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01



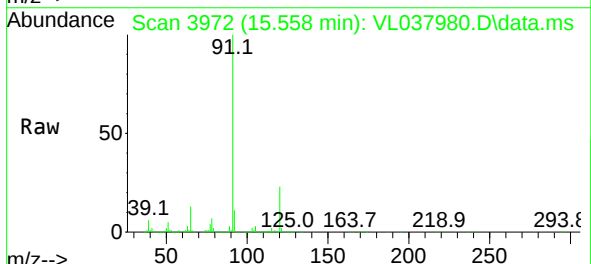
Tgt Ion: 83 Resp: 2807609
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 66.7 32.5 97.5

Manual Integrations
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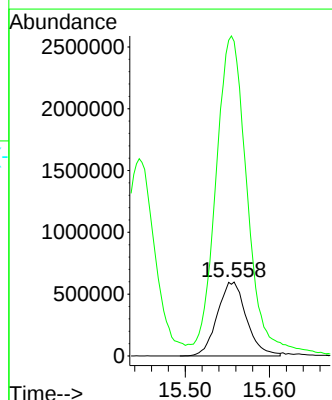
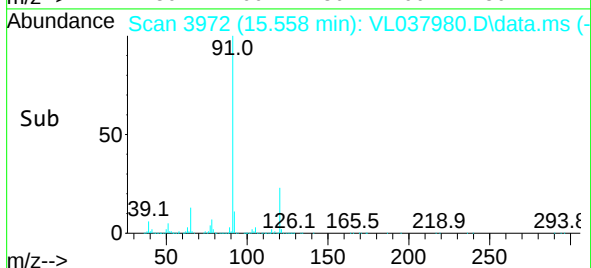
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

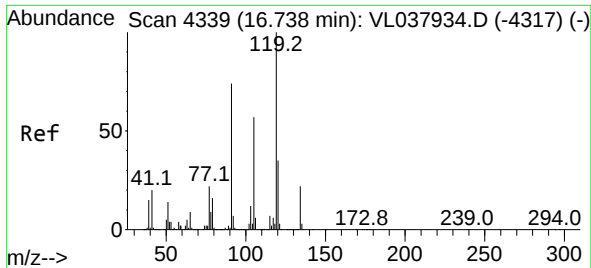


#64
n-propylbenzene
Concen: 9.404 ppbv
RT: 15.558 min Scan# 3972
Delta R.T. 0.003 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31



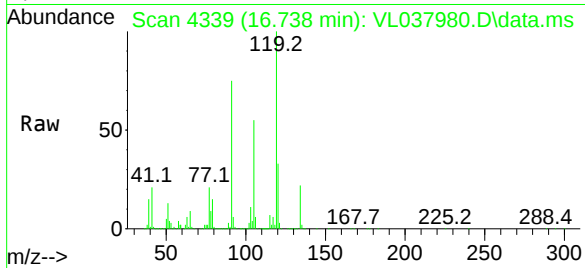
Tgt Ion:120 Resp: 1436244
Ion Ratio Lower Upper
120 100
91 469.9 363.3 544.9





#65
tert-Butylbenzene
Concen: 9.054 ppbv
RT: 16.738 min Scan# 411
Delta R.T. -0.000 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

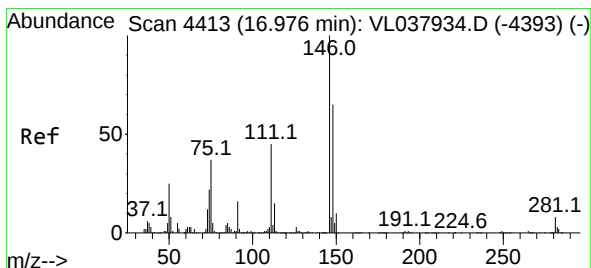
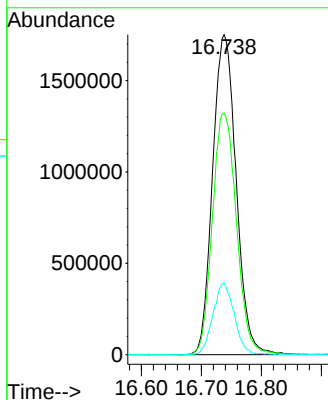
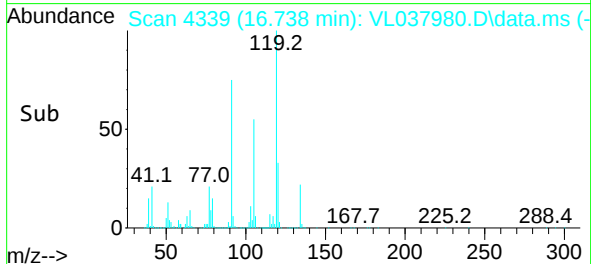
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01



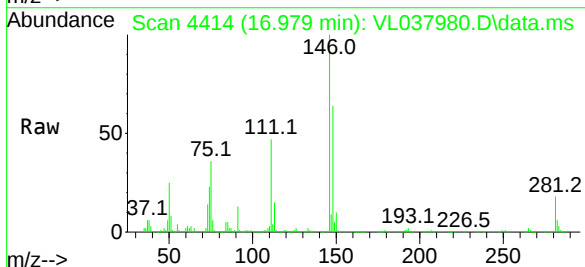
Tgt Ion: 119 Resp: 476929
Ion Ratio Lower Upper
119 100
91 77.3 61.8 92.6
134 20.4 16.6 25.0

Manual Integrations
APPROVED

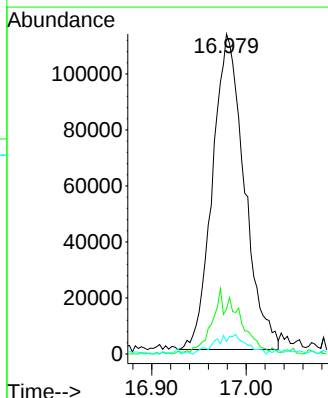
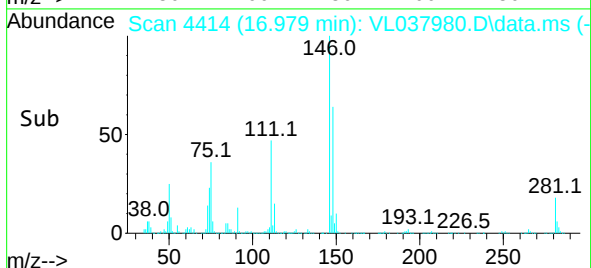
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

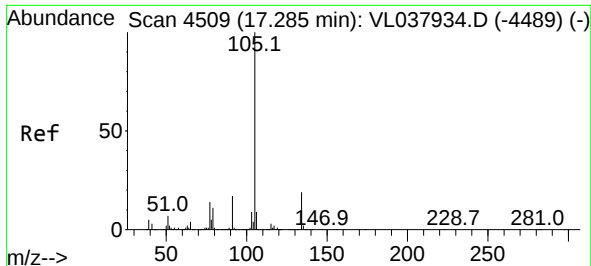


#66
Benzyl Chloride
Concen: 9.566 ppbv
RT: 16.979 min Scan# 4414
Delta R.T. 0.003 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31



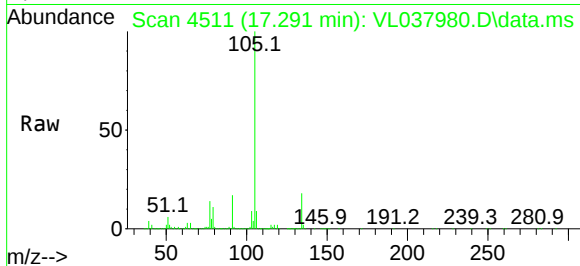
Tgt Ion: 91 Resp: 263329
Ion Ratio Lower Upper
91 100
126 18.7 13.8 20.6
128 5.6 5.1 7.7





#67
 sec-Butylbenzene
 Concen: 9.113 ppbv
 RT: 17.291 min Scan# 4511
 Delta R.T. 0.006 min
 Lab File: VL037980.D
 Acq: 9 Nov 2021 14:31

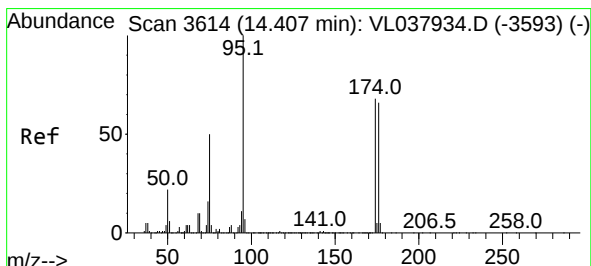
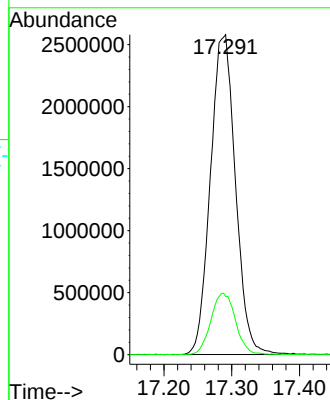
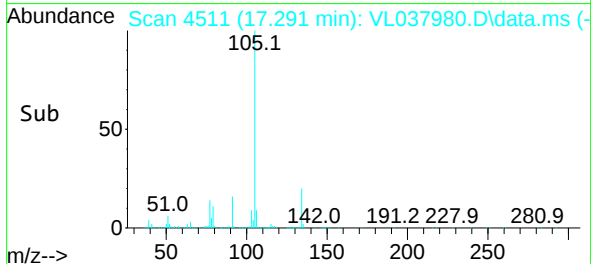
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1109ABS01



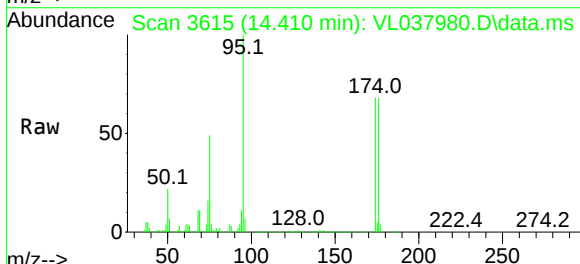
Tgt Ion:105 Resp: 661434
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.4 23.0

Manual Integrations
 APPROVED

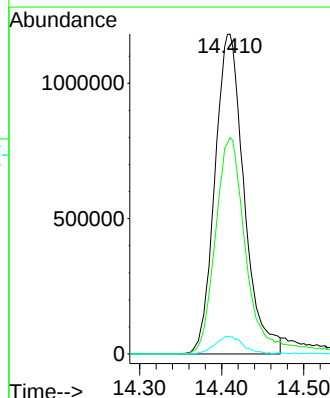
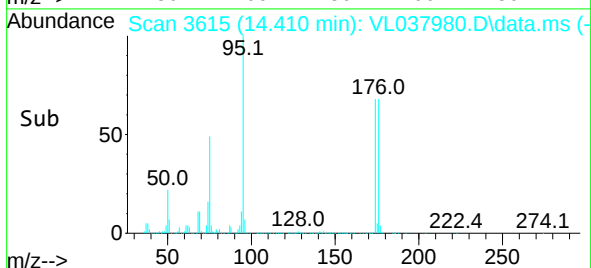
Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

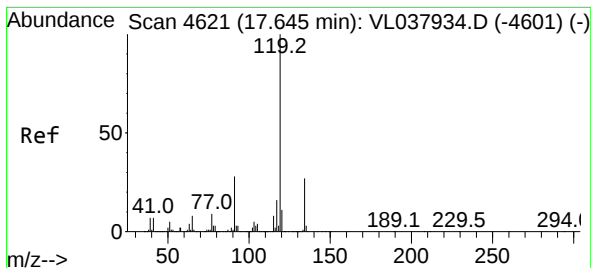


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.761 ppbv
 RT: 14.410 min Scan# 3615
 Delta R.T. 0.003 min
 Lab File: VL037980.D
 Acq: 9 Nov 2021 14:31



Tgt Ion: 95 Resp: 2914492
 Ion Ratio Lower Upper
 95 100
 174 72.7 58.3 87.5
 175 5.8 4.6 6.8





#69

p-Isopropyltoluene

Concen: 9.391 ppbv

RT: 17.641 min Scan# 40

Delta R.T. -0.003 min

Lab File: VL037980.D

Acq: 9 Nov 2021 14:31

Instrument :

MSVOA_L

ClientSampleId :

VL1109ABS01

Tgt Ion: 119 Resp: 546694

Ion Ratio Lower Upper

119 100

134 26.5 21.0 31.4

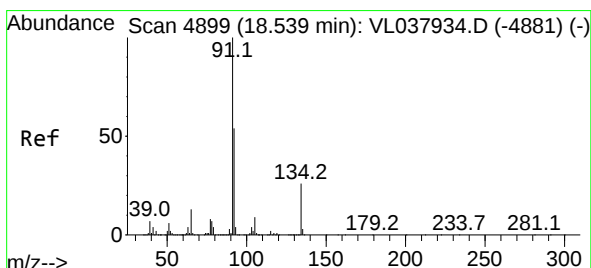
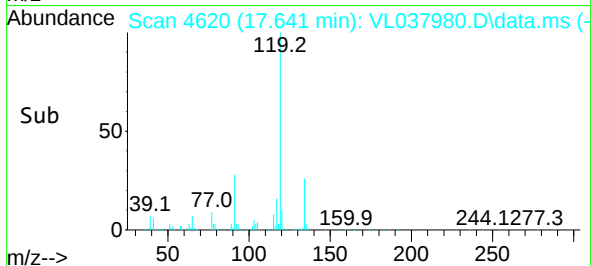
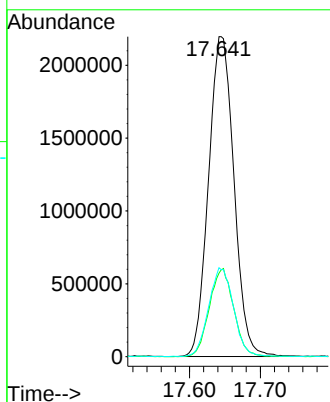
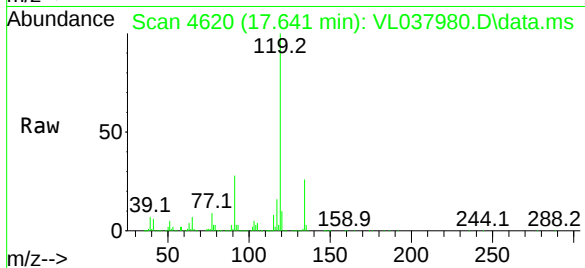
91 27.2 21.8 32.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#70

n-Butylbenzene

Concen: 9.889 ppbv

RT: 18.542 min Scan# 4900

Delta R.T. 0.003 min

Lab File: VL037980.D

Acq: 9 Nov 2021 14:31

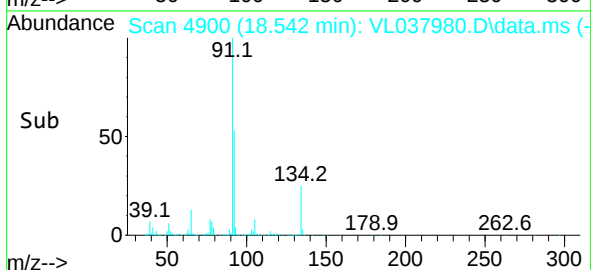
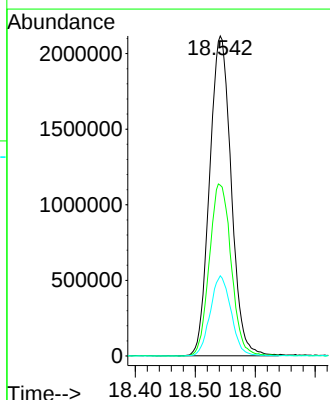
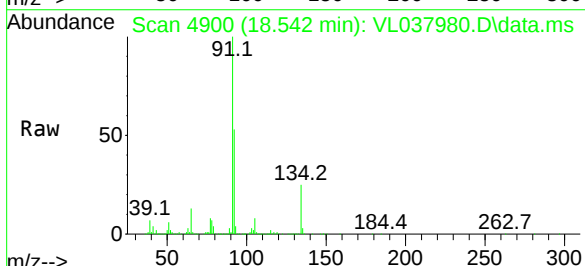
Tgt Ion: 91 Resp: 5290080

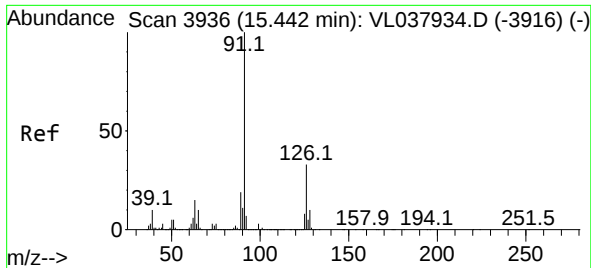
Ion Ratio Lower Upper

91 100

92 54.4 43.6 65.4

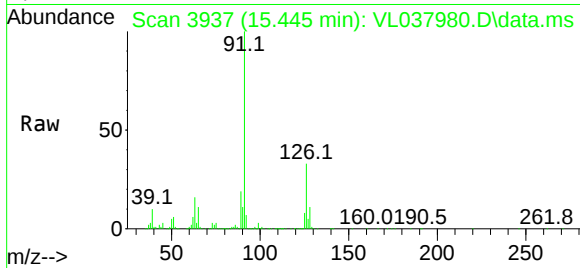
134 24.3 19.8 29.6





#71
2-Chlorotoluene
Concen: 9.403 ppbv
RT: 15.445 min Scan# 3936
Delta R.T. 0.003 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

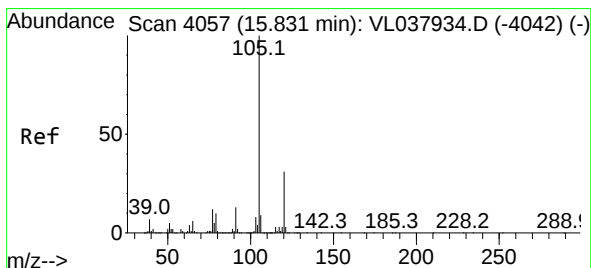
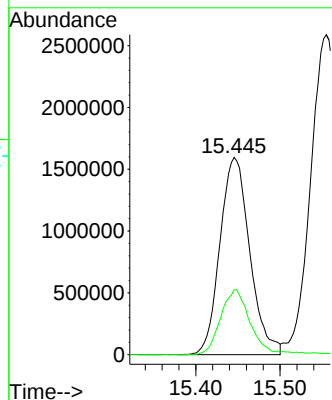
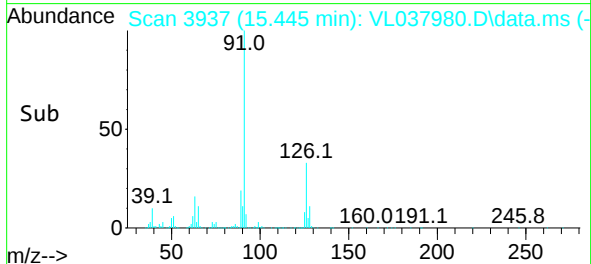
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01



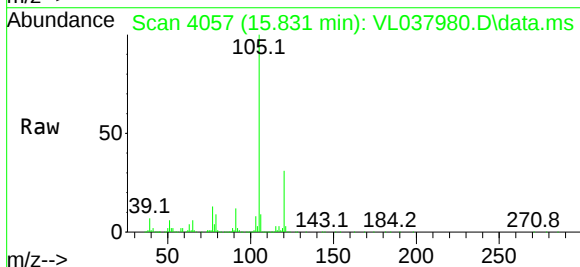
Tgt Ion: 91 Resp: 3927089
Ion Ratio Lower Upper
91 100
126 33.8 13.3 53.3

Manual Integrations
APPROVED

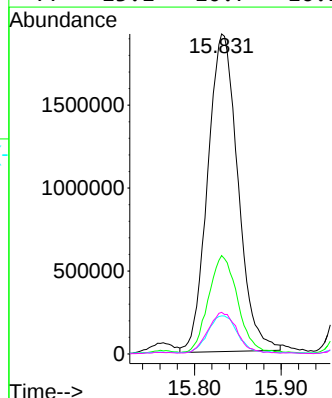
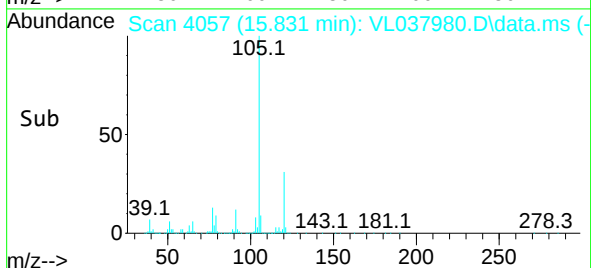
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

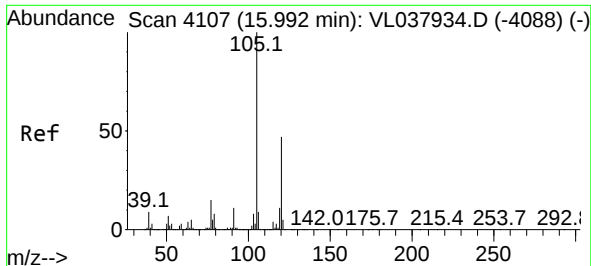


#72
4-Ethyltoluene
Concen: 9.641 ppbv
RT: 15.831 min Scan# 4057
Delta R.T. -0.000 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31



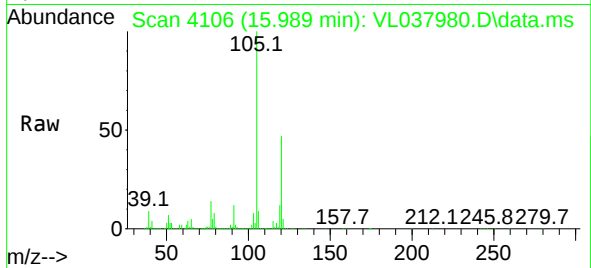
Tgt Ion:105 Resp: 4649572
Ion Ratio Lower Upper
105 100
120 30.7 25.3 37.9
91 11.7 9.9 14.9
77 13.1 10.7 16.1





#73
1,3,5-Trimethylbenzene
Concen: 9.404 ppbv
RT: 15.989 min Scan# 4106
Delta R.T. -0.003 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

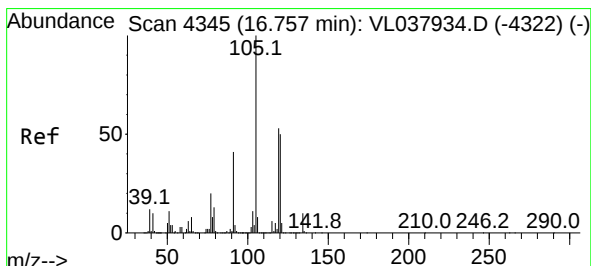
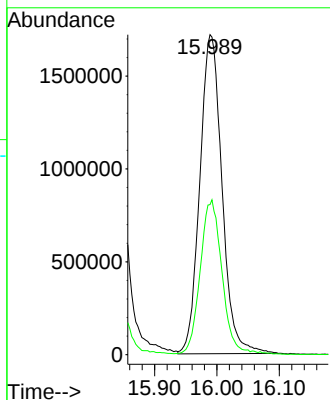
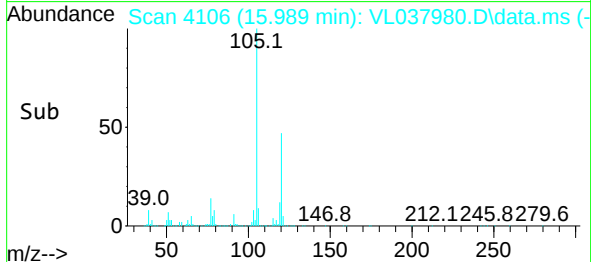
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01



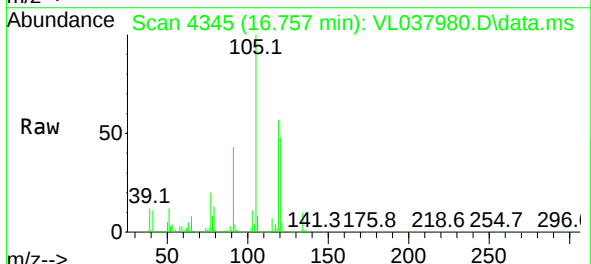
Tgt Ion:105 Resp: 424720
Ion Ratio Lower Upper
105 100
120 46.8 37.9 56.9

Manual Integrations
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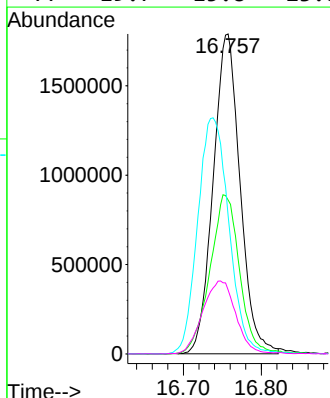
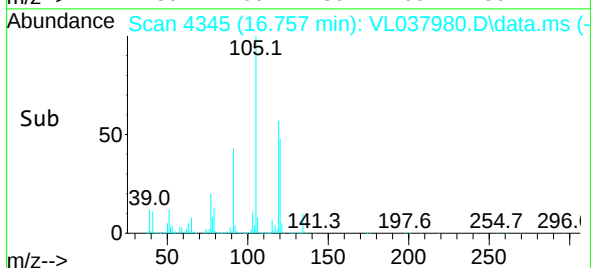
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

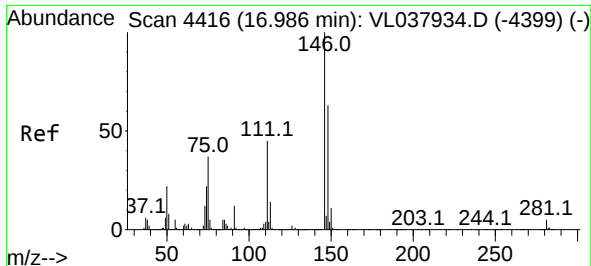


#74
1,2,4-Trimethylbenzene
Concen: 9.078 ppbv
RT: 16.757 min Scan# 4345
Delta R.T. -0.000 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31



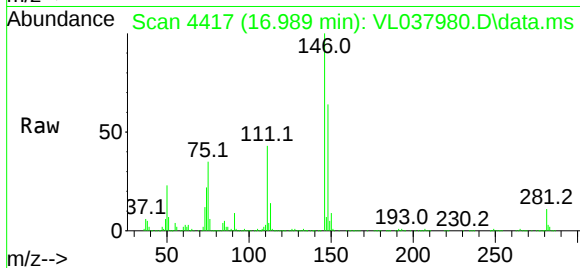
Tgt Ion:105 Resp: 4295459
Ion Ratio Lower Upper
105 100
120 47.8 40.0 60.0
91 42.7 32.6 49.0
77 19.7 15.8 23.8





#75
1,3-Dichlorobenzene
Concen: 8.760 ppbv
RT: 16.989 min Scan# 4417
Delta R.T. 0.003 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

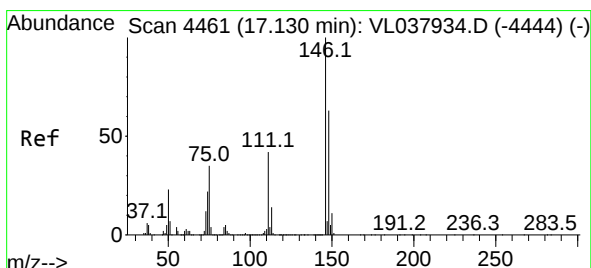
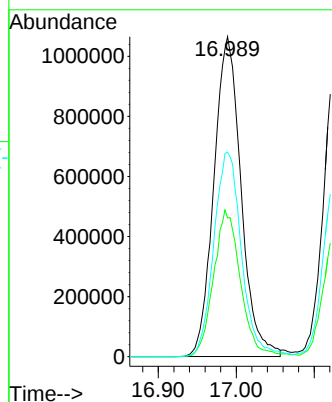
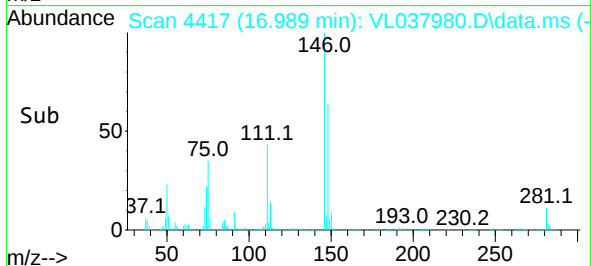
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01



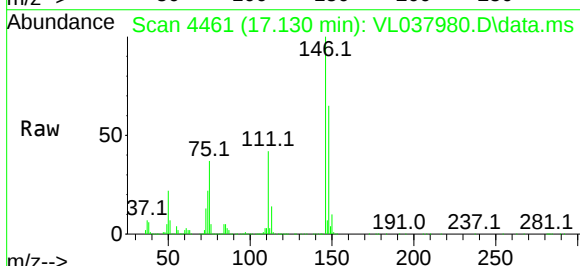
Tgt Ion:146 Resp: 258077
Ion Ratio Lower Upper
146 100
111 45.6 22.7 68.1
148 65.2 32.4 97.0

Manual Integrations
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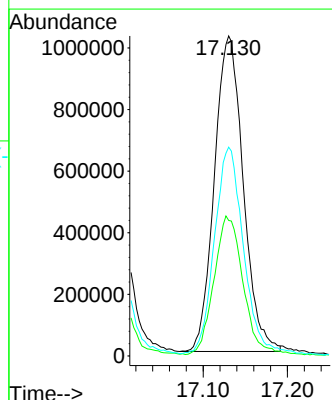
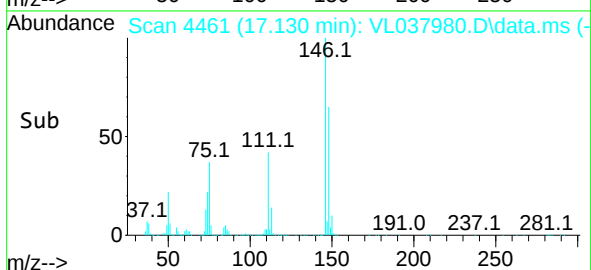
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

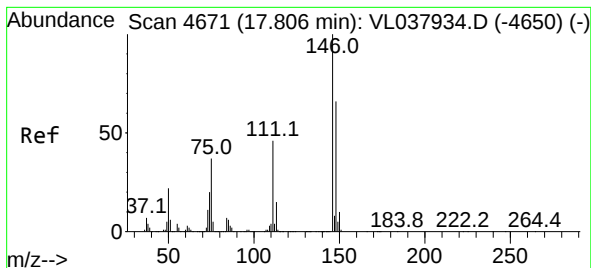


#76
1,4-Dichlorobenzene
Concen: 8.538 ppbv
RT: 17.130 min Scan# 4461
Delta R.T. -0.000 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31



Tgt Ion:146 Resp: 2433922
Ion Ratio Lower Upper
146 100
111 45.4 22.7 68.1
148 67.7 33.5 100.4





#77

1,2-Dichlorobenzene

Concen: 8.827 ppbv

RT: 17.809 min Scan# 4671

Delta R.T. 0.003 min

Lab File: VL037980.D

Acq: 9 Nov 2021 14:31

Instrument :

MSVOA_L

ClientSampleId :

VL1109ABS01

Tgt Ion:146 Resp: 2441618

Ion Ratio Lower Upper

146 100

111 47.3 23.4 70.2

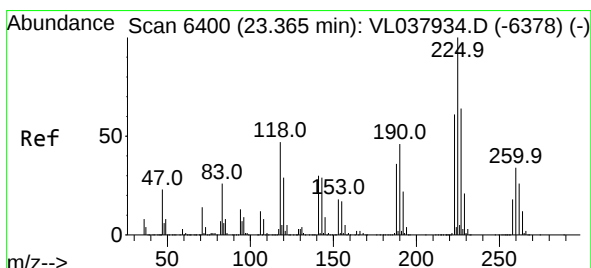
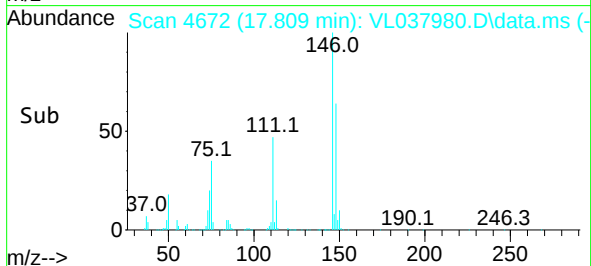
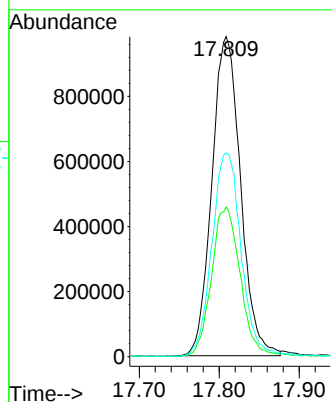
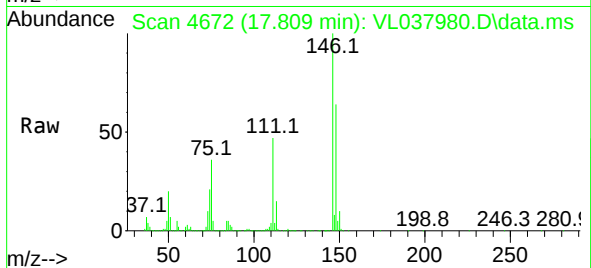
148 65.4 32.6 97.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/15/2021

Supervised By :Mahesh Dadoda 11/17/2021



#78

Hexachloro-1,3-Butadiene

Concen: 8.323 ppbv

RT: 23.365 min Scan# 6400

Delta R.T. -0.000 min

Lab File: VL037980.D

Acq: 9 Nov 2021 14:31

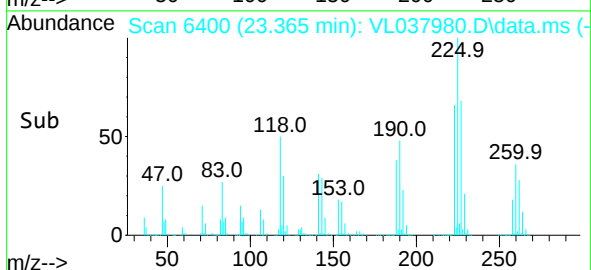
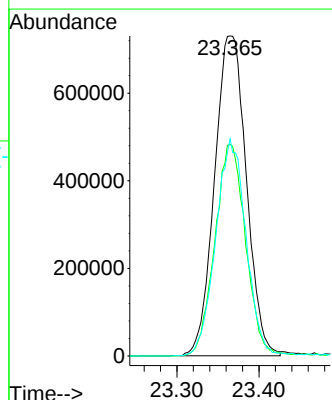
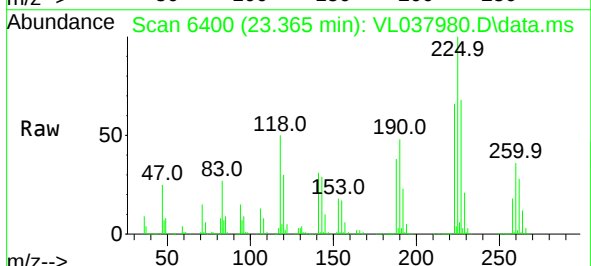
Tgt Ion:225 Resp: 1970708

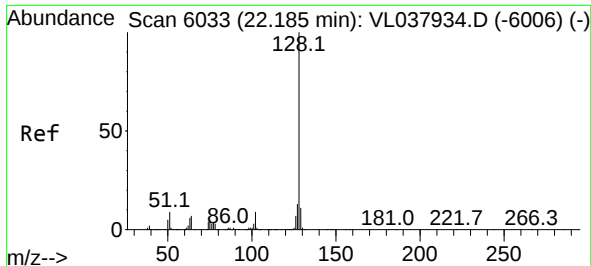
Ion Ratio Lower Upper

225 100

223 64.4 50.0 75.0

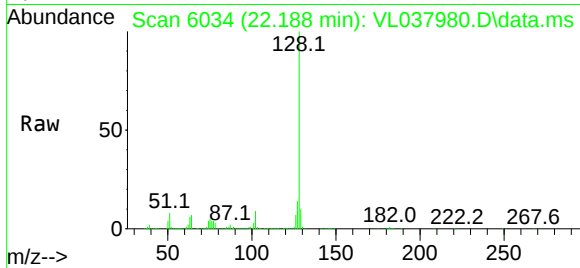
227 64.6 51.5 77.3





#79
Naphthalene
Concen: 12.852 ppbv
RT: 22.188 min Scan# 6033
Delta R.T. 0.003 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31

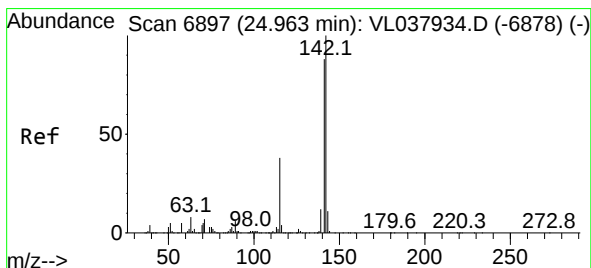
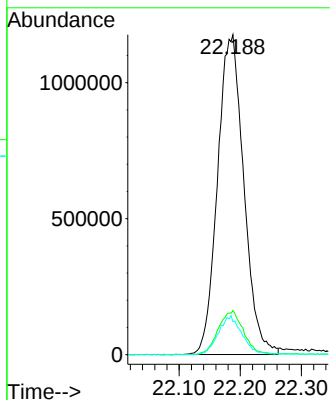
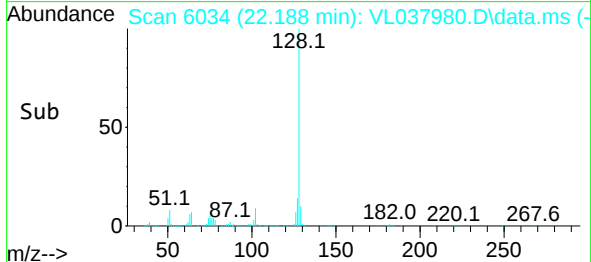
Instrument :
MSVOA_L
ClientSampleId :
VL1109ABS01



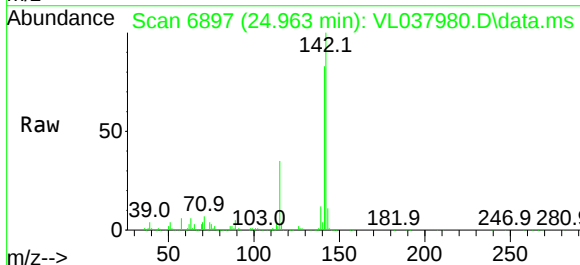
Tgt Ion:128 Resp: 350361
Ion Ratio Lower Upper
128 100
127 13.8 10.2 15.2
129 10.4 9.0 13.4

Manual Integrations
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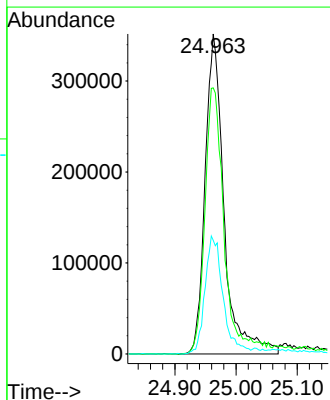
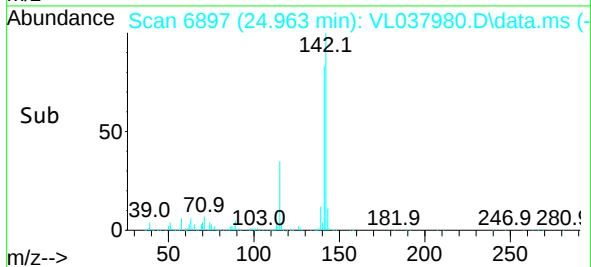
Reviewed By :Semsettin Yesilyurt 11/15/2021
Supervised By :Mahesh Dadoda 11/17/2021

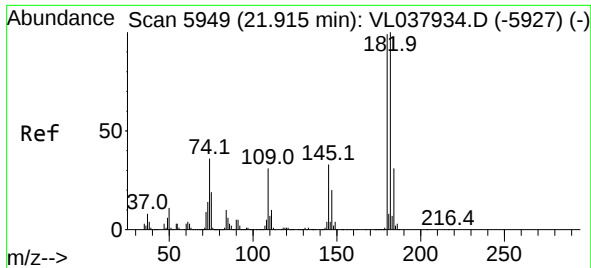


#80
Naphthalene,2-methyl-
Concen: 14.255 ppbv
RT: 24.963 min Scan# 6897
Delta R.T. -0.000 min
Lab File: VL037980.D
Acq: 9 Nov 2021 14:31



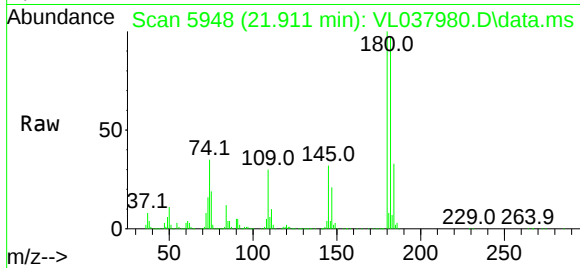
Tgt Ion:142 Resp: 756482
Ion Ratio Lower Upper
142 100
141 85.0 66.4 99.6
115 36.3 29.0 43.4





#81
 1,2,4-Trichlorobenzene
 Concen: 11.105 ppbv
 RT: 21.911 min Scan# 5948
 Delta R.T. -0.003 min
 Lab File: VL037980.D
 Acq: 9 Nov 2021 14:31

Instrument : MSVOA_L
 ClientSampleId : VL1109ABS01



Tgt Ion:180 Resp: 1970502

Ion	Ratio	Lower	Upper
180	100		
182	97.7	79.3	118.9
184	31.3	25.3	37.9

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 11/15/2021
 Supervised By :Mahesh Dadoda 11/17/2021

