

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL122921\
 Data File : VL038251.D
 Acq On : 30 Dec 2021 8:24
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/02/2022
 Supervised By : Mahesh Dadoda 01/02/2022

Quant Time: Dec 31 05:41:29 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL122121AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Dec 31 05:41:29 2021

QLast Update : Tue Dec 21 17:47:08 2021

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.671	49	669307	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.179	114	1720278	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.089	117	1590192m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.413 95 1299335 10.603 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 106.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.057	85	1051802	8.340	ppbv	96
3) Chlorodifluoromethane	2.999	51	1257216	8.939	ppbv	98
4) Chloromethane	3.150	50	428486	8.786	ppbv	97
5) Vinyl Chloride	3.266	62	433550	8.845	ppbv	100
6) Bromomethane	3.481	94	257901	10.326	ppbv	97
7) Chloroethane	3.568	64	152901	9.263	ppbv	97
8) Dichlorotetrafluoroethane	3.198	85	1063590	8.886	ppbv	93
9) Propene	3.022	41	412148	8.440	ppbv	99
10) Heptane	8.124	43	1060111	8.558	ppbv	97
11) Trichlorofluoromethane	3.957	101	1108311	9.569	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.491	101	807105	9.226	ppbv	95
13) Ethanol	3.613	45	47061	5.684	ppbv #	100
14) Bromoethene	3.745	108	326130	9.357	ppbv	99
15) Acetone	3.854	43	584669	8.704	ppbv	96
16) 1,3-Butadiene	3.337	39	434245	9.490	ppbv	97
17) tert-Butyl alcohol	4.292	59	682076	9.245	ppbv	99
18) 1,1-Dichloroethene	4.295	96	352543	9.202	ppbv	96
19) Isopropyl Alcohol	3.970	45	364770	8.706	ppbv #	37
20) Methylene Chloride	4.350	84	293715	7.745	ppbv	96
21) Allyl Chloride	4.417	41	538640	9.479	ppbv	98
22) trans-1,2-Dichloroethene	4.890	96	374733	9.586	ppbv	97
23) Vinyl Acetate	5.076	43	859610	9.451	ppbv	99
24) 1,1-Dichloroethane	5.018	63	744048	9.148	ppbv	99
25) Ethyl Acetate	5.681	43	1670215	9.178	ppbv	99
26) Hexane	5.690	57	741873	8.125	ppbv	93
27) Carbon Disulfide	4.559	76	969270	12.059	ppbv	98
28) Methyl tert-Butyl Ether	5.038	73	776398	8.462	ppbv	98
29) Chloroform	5.755	83	1233239	9.102	ppbv	97
30) Cyclohexane	7.134	84	623482	7.710	ppbv	87
31) cis-1,2-Dichloroethene	5.552	61	758969	10.599	ppbv	92
32) 1,1,1-Trichloroethane	6.513	97	1222225	9.092	ppbv	97
34) 2-Butanone	5.247	43	582439	11.264	ppbv	99
35) Carbon Tetrachloride	7.021	117	1304135	12.282	ppbv	98
36) Benzene	6.893	78	1544864	9.628	ppbv	98
37) 1,2-Dichloroethane	6.308	62	935211	11.615	ppbv #	96
38) Trichloroethene	7.835	130	557332	9.127	ppbv	94
39) 1,2-Dichloropropane	7.613	63	605393	9.803	ppbv	94
40) 1,4-Dioxane	7.835	88	148049	8.241	ppbv	91
41) Tetrahydrofuran	6.054	42	389992	10.298	ppbv	96
42) Bromodichloromethane	7.793	83	1360676	11.877	ppbv	100
43) Methyl Methacrylate	8.015	69	578521	10.476	ppbv	91
44) 2,2,4-Trimethylpentane	7.870	57	2648194	9.715	ppbv	96
45) t-1,3-Dichloropropene	9.279	75	552143	13.510	ppbv	99

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL122121AIR.M

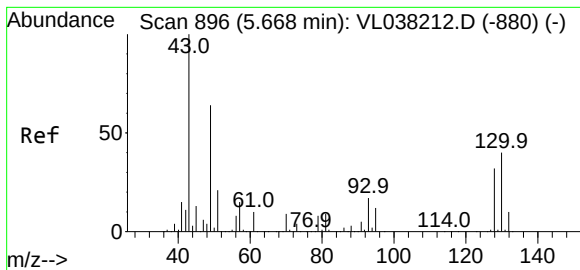
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Dec 21 2021

QLast Update : Tue Dec 21 17:47:08 2021

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.703	75	689450	12.187	ppbv	92
47) 1,1,2-Trichloroethane	9.478	97	590436	9.212	ppbv	96
48) Dibromochloromethane	10.304	129	1060277	11.763	ppbv	99
49) Bromoform	13.037	173	771555	12.048	ppbv	99
50) 4-Methyl-2-Pentanone	8.745	43	1145377	12.184	ppbv	96
51) 2-Hexanone	10.137	43	538025	11.957	ppbv #	93
52) Tetrachloroethene	11.224	164	478972	8.087	ppbv	90
53) Toluene	9.806	91	1699026	9.176	ppbv	97
54) 1,2-Dibromoethane	10.610	107	862111	9.482	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.124	131	662677	10.019	ppbv #	54
57) Chlorobenzene	12.150	112	1137215	8.246	ppbv	94
58) Ethyl Benzene	12.709	91	2196593	8.901	ppbv	98
59) m/p-Xylene	12.995	91	3755080m	17.800	ppbv	
60) o-Xylene	13.693	91	1732613	8.858	ppbv	95
61) Styrene	13.529	104	862738	8.708	ppbv	94
62) Isopropylbenzene	14.667	105	2264750	8.247	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.677	83	1232483	8.194	ppbv	99
64) n-propylbenzene	15.558	120	558517	8.181	ppbv	85
65) tert-Butylbenzene	16.745	119	1970879	8.154	ppbv	93
66) Benzyl Chloride	16.982	91	141847	15.745	ppbv	95
67) sec-Butylbenzene	17.291	105	2798573	8.426	ppbv	99
69) p-Isopropyltoluene	17.651	119	2290132	8.573	ppbv	97
70) n-Butylbenzene	18.548	91	2492978	9.816	ppbv	98
71) 2-Chlorotoluene	15.452	91	1737786	8.502	ppbv	96
72) 4-Ethyltoluene	15.835	105	1927658	8.558	ppbv	97
73) 1,3,5-Trimethylbenzene	15.995	105	1748905	8.676	ppbv	98
74) 1,2,4-Trimethylbenzene	16.761	105	1853857	8.757	ppbv	94
75) 1,3-Dichlorobenzene	16.992	146	1044186	9.131	ppbv	99
76) 1,4-Dichlorobenzene	17.137	146	1012345	8.922	ppbv	99
77) 1,2-Dichlorobenzene	17.815	146	1022954	9.343	ppbv	99
78) Hexachloro-1,3-Butadiene	23.371	225	787922	11.662	ppbv	99
79) Naphthalene	22.191	128	1571284	14.367	ppbv	99
80) Naphthalene,2-methyl-	24.973	142	248724	11.462	ppbv	96
81) 1,2,4-Trichlorobenzene	21.928	180	815170	13.034	ppbv	98

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



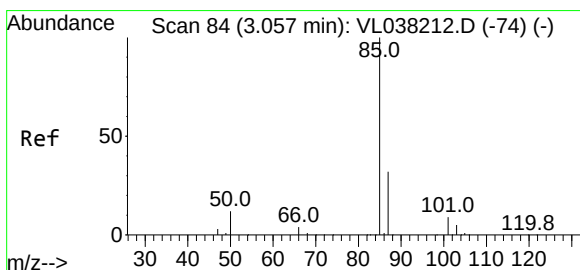
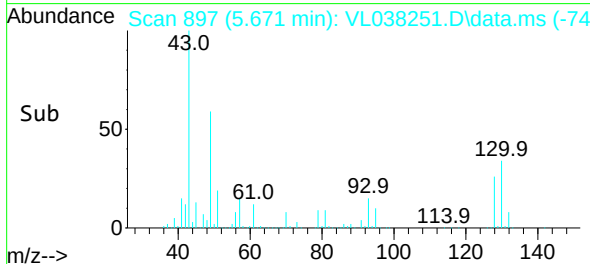
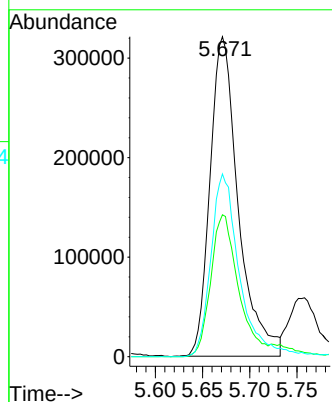
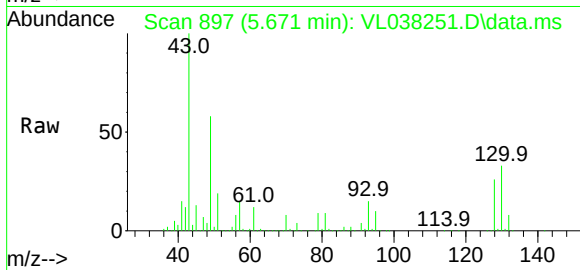
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Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 89
Delta R.T. 0.003 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 49 Resp: 66930
Ion Ratio Lower Upper
49 100
128 47.4 26.9 80.6
130 58.6 32.3 96.9

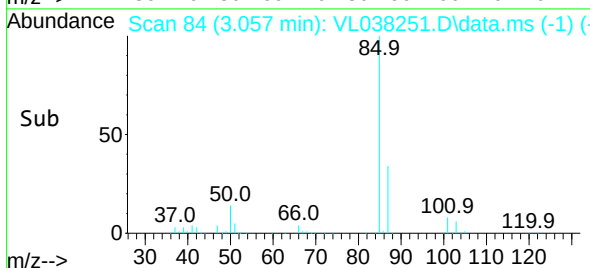
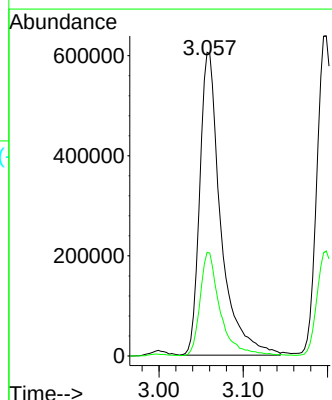
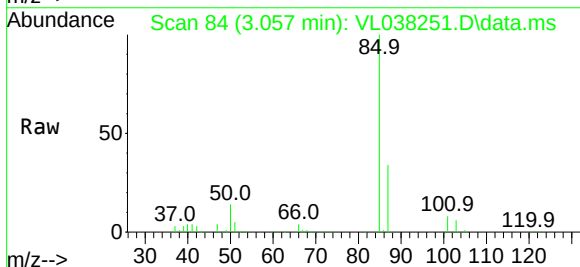
Manual Integrations
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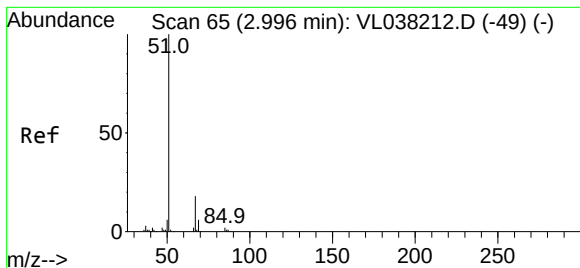
Reviewed By :Semsettin Yesilyurt 01/02/2022
Supervised By :Mahesh Dadoda 01/02/2022



#2
Dichlorodifluoromethane
Concen: 8.340 ppbv
RT: 3.057 min Scan# 84
Delta R.T. 0.000 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion: 85 Resp: 1051802
Ion Ratio Lower Upper
85 100
87 34.1 25.4 38.2





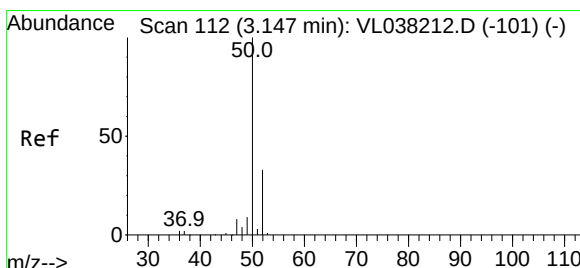
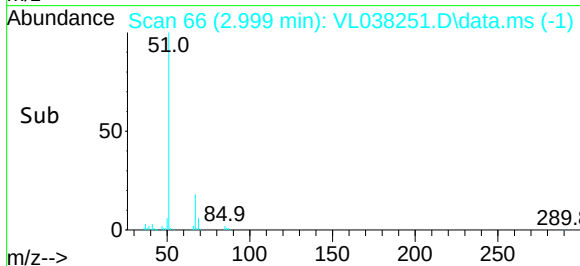
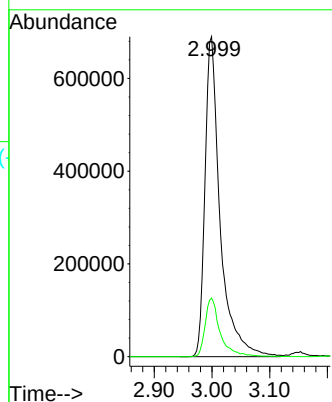
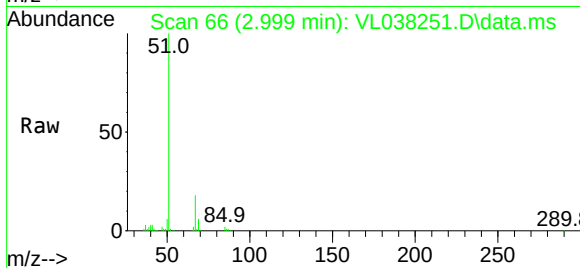
#3
Chlorodifluoromethane
Concen: 8.939 ppbv
RT: 2.999 min Scan# 60
Delta R.T. 0.003 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 1257210
Ion Ratio Lower Upper
51 100
67 18.3 14.0 21.0

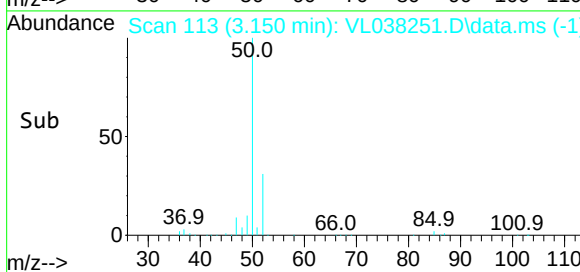
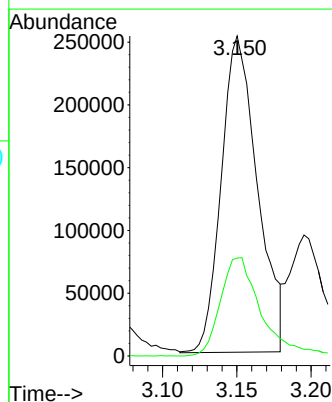
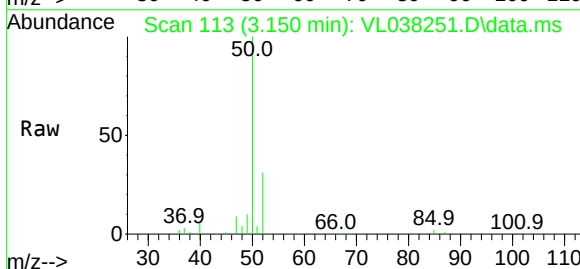
Manual Integrations
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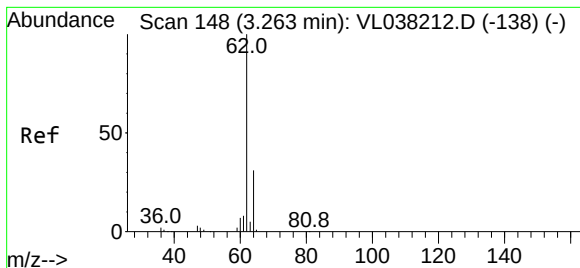
Reviewed By :Semsettin Yesilyurt 01/02/2022
Supervised By :Mahesh Dadoda 01/02/2022



#4
Chloromethane
Concen: 8.786 ppbv
RT: 3.150 min Scan# 113
Delta R.T. 0.003 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

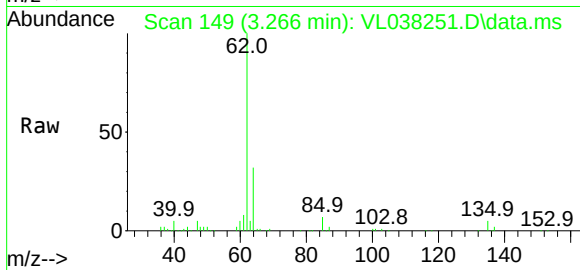
Tgt Ion: 50 Resp: 428486
Ion Ratio Lower Upper
50 100
52 31.0 26.2 39.2





#5
 Vinyl Chloride
 Concen: 8.845 ppbv
 RT: 3.266 min Scan# 148
 Delta R.T. 0.003 min
 Lab File: VL038251.D
 Acq: 30 Dec 2021 8:24

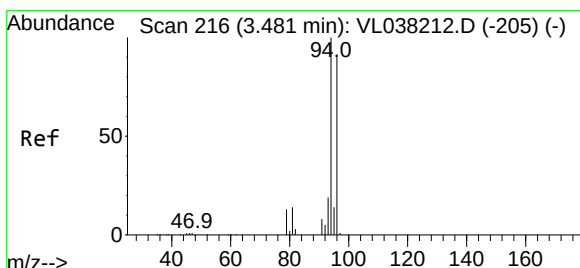
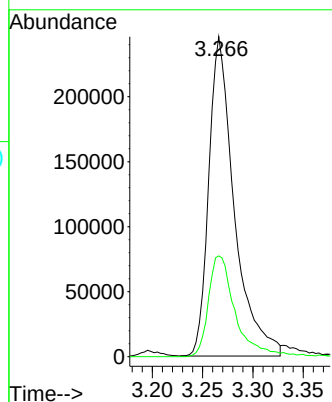
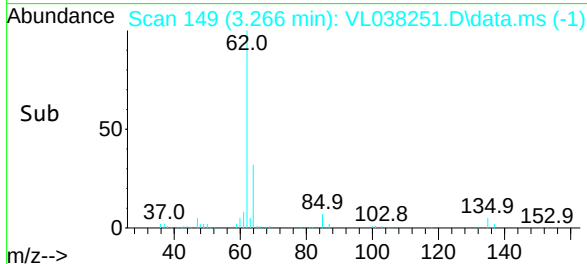
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 62 Resp: 433550
 Ion Ratio Lower Upper
 62 100
 64 31.6 25.1 37.7

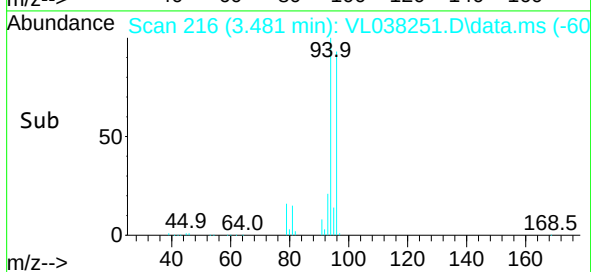
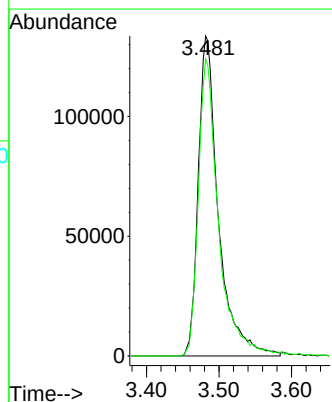
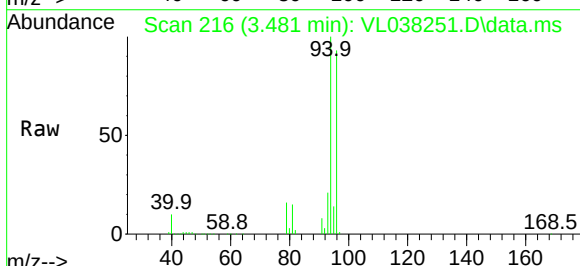
Manual Integrations
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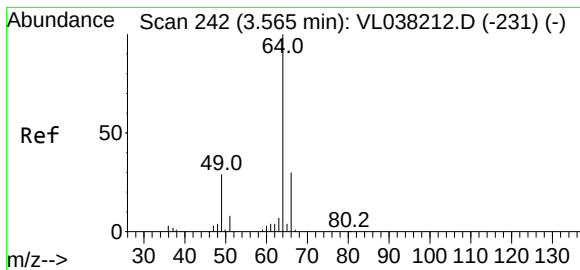
Reviewed By :Semsettin Yesilyurt 01/02/2022
 Supervised By :Mahesh Dadoda 01/02/2022



#6
 Bromomethane
 Concen: 10.326 ppbv
 RT: 3.481 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VL038251.D
 Acq: 30 Dec 2021 8:24

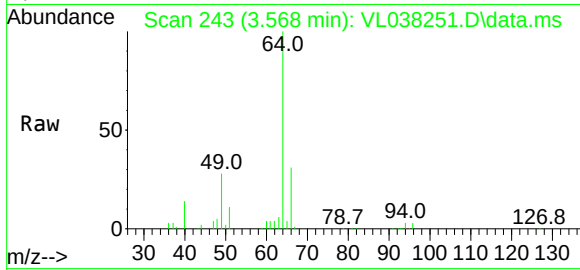
Tgt Ion: 94 Resp: 257901
 Ion Ratio Lower Upper
 94 100
 96 92.8 72.2 108.2





#7
Chloroethane
Concen: 9.263 ppbv
RT: 3.568 min Scan# 242
Delta R.T. 0.003 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

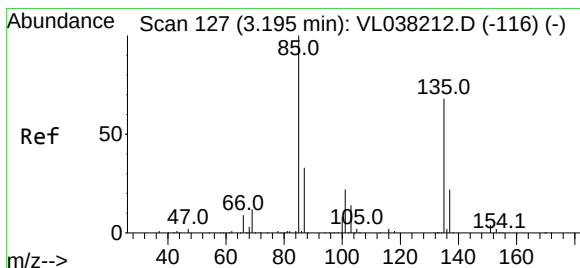
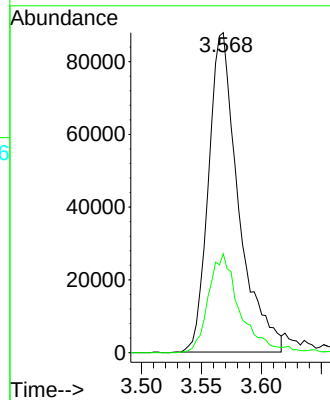
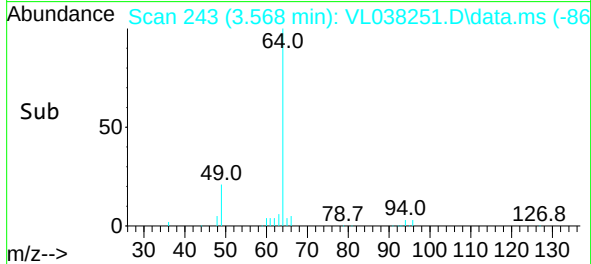
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 15290
Ion Ratio Lower Upper
64 100
66 30.9 23.6 35.4

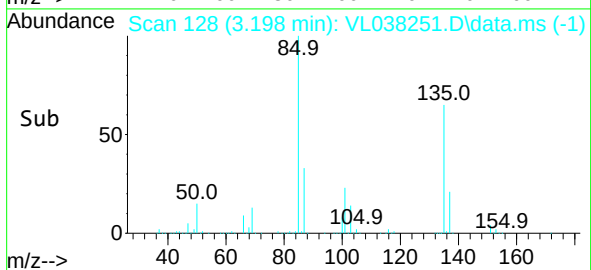
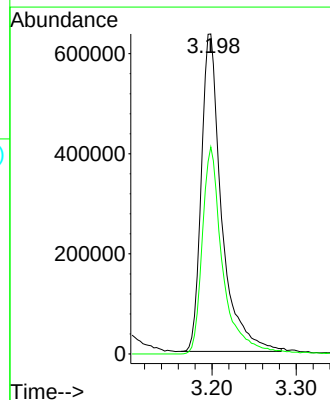
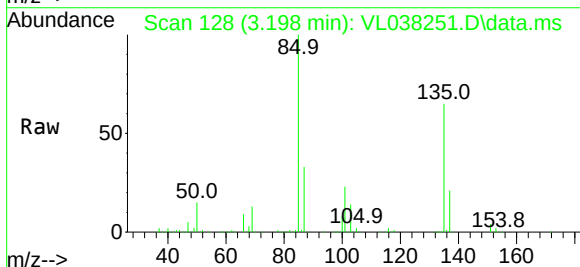
Manual Integrations
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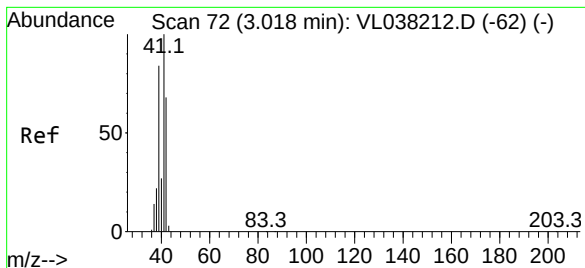
Reviewed By :Semsettin Yesilyurt 01/02/2022
Supervised By :Mahesh Dadoda 01/02/2022



#8
Dichlorotetrafluoroethane
Concen: 8.886 ppbv
RT: 3.198 min Scan# 128
Delta R.T. 0.003 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

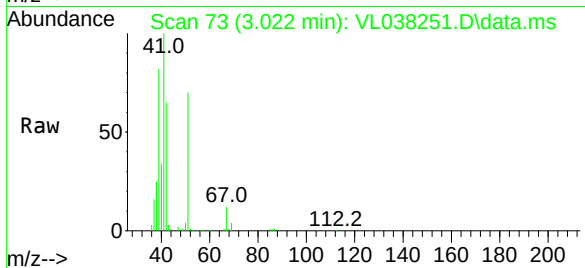
Tgt Ion: 85 Resp: 1063590
Ion Ratio Lower Upper
85 100
135 66.5 57.7 86.5





#9
Propene
Concen: 8.440 ppbv
RT: 3.022 min Scan# 71
Delta R.T. 0.003 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

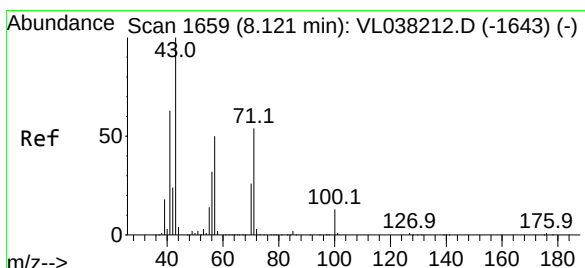
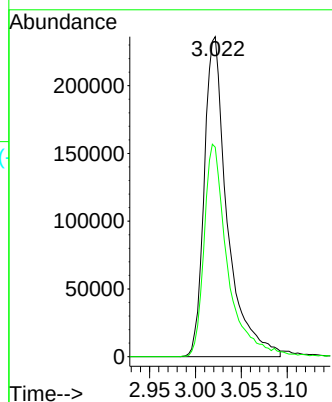
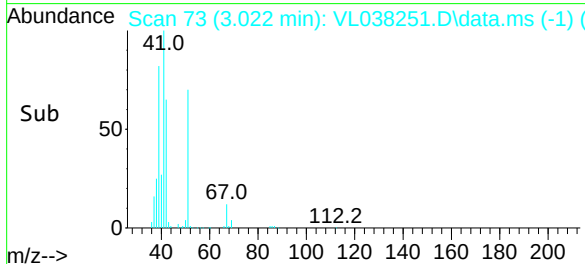
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 41 Resp: 412148
Ion Ratio Lower Upper
41 100
42 68.5 55.5 83.3

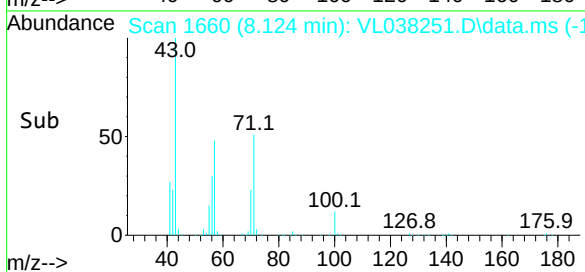
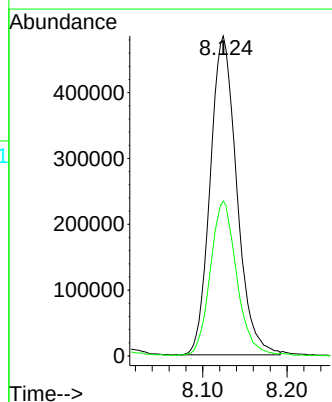
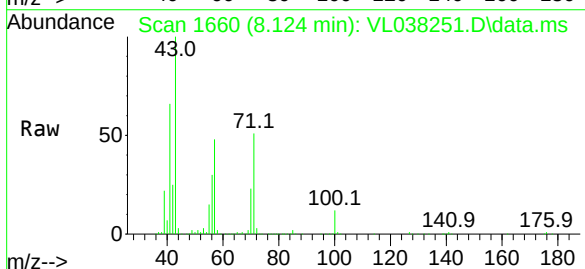
Manual Integrations
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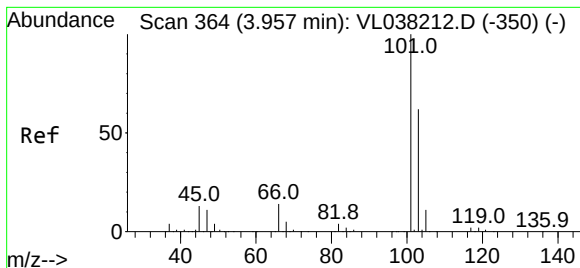
Reviewed By :Semsettin Yesilyurt 01/02/2022
Supervised By :Mahesh Dadoda 01/02/2022



#10
Heptane
Concen: 8.558 ppbv
RT: 8.124 min Scan# 1660
Delta R.T. 0.003 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

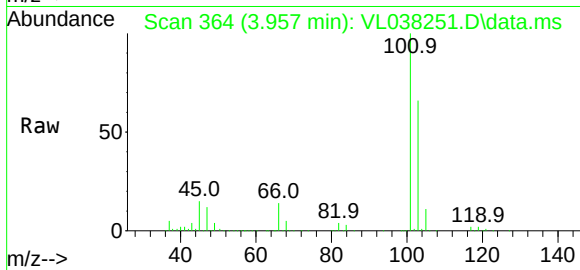
Tgt Ion: 43 Resp: 1060111
Ion Ratio Lower Upper
43 100
57 48.3 40.3 60.5





#11
 Trichlorofluoromethane
 Concen: 9.569 ppbv
 RT: 3.957 min Scan# 30
 Delta R.T. 0.000 min
 Lab File: VL038251.D
 Acq: 30 Dec 2021 8:24

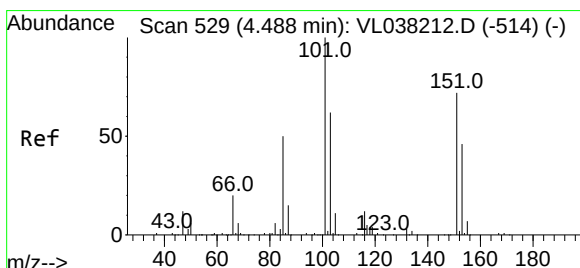
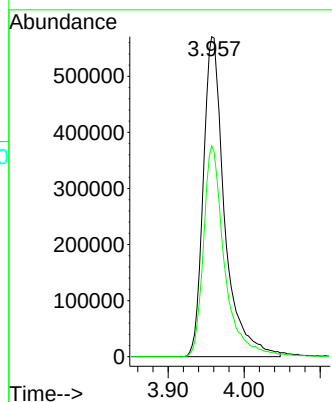
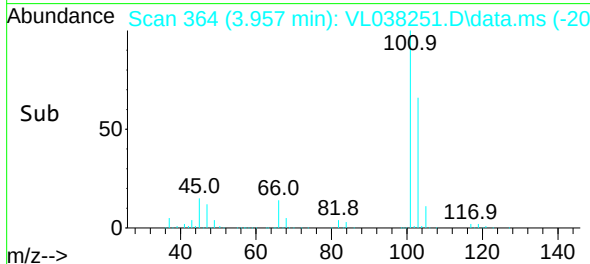
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:101 Resp: 110831
 Ion Ratio Lower Upper
 101 100
 103 65.9 49.9 74.9

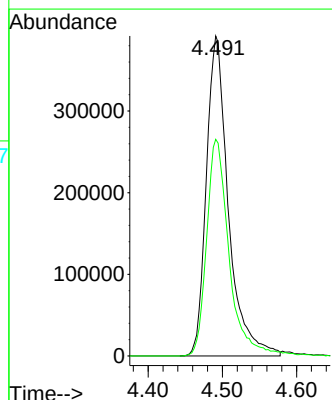
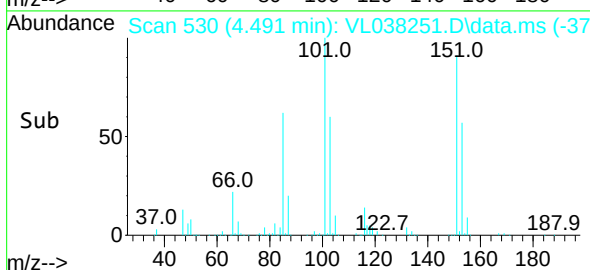
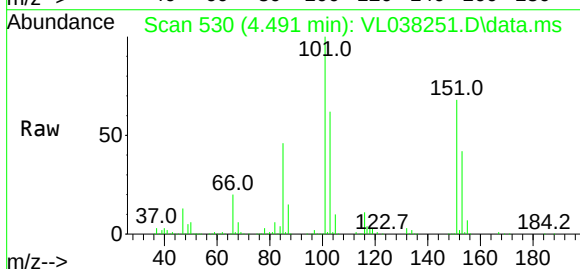
Manual Integrations
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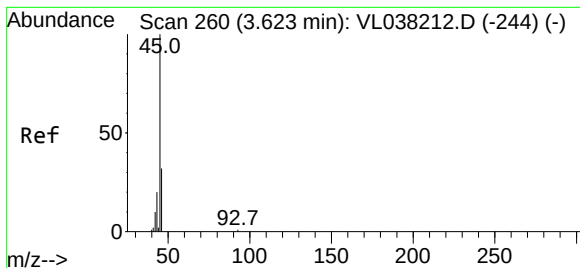
Reviewed By :Semsettin Yesilyurt 01/02/2022
 Supervised By :Mahesh Dadoda 01/02/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.226 ppbv
 RT: 4.491 min Scan# 530
 Delta R.T. 0.003 min
 Lab File: VL038251.D
 Acq: 30 Dec 2021 8:24

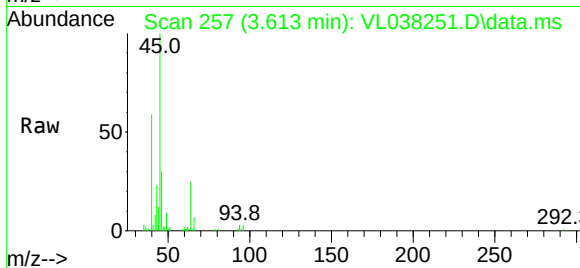
Tgt Ion:101 Resp: 807105
 Ion Ratio Lower Upper
 101 100
 151 69.4 58.6 87.8





#13
Ethanol
Concen: 5.684 ppbv
RT: 3.613 min Scan# 210
Delta R.T. -0.010 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

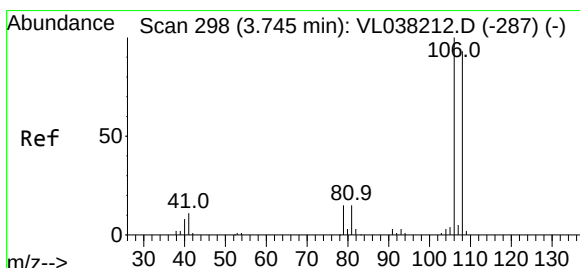
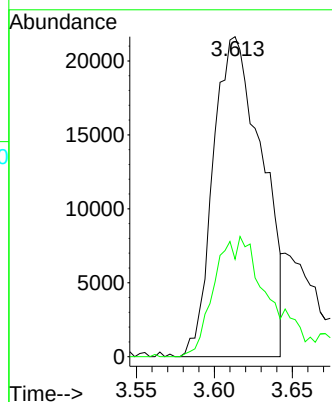
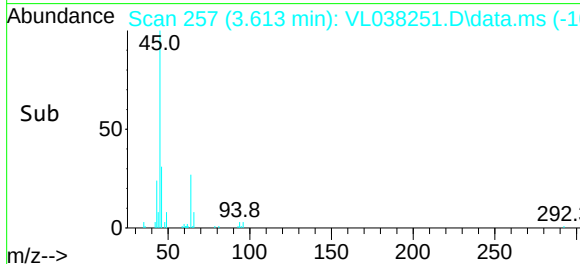
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



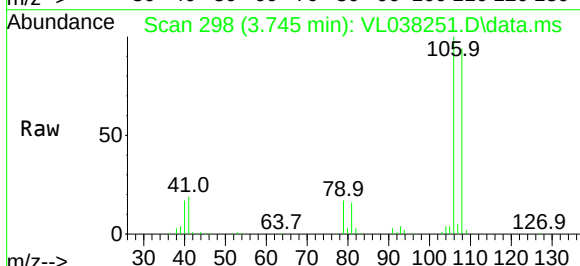
Tgt Ion: 45 Resp: 4706
Ion Ratio Lower Upper
45 100
46 48.0 0.0 0.0

Manual Integrations
APPROVED

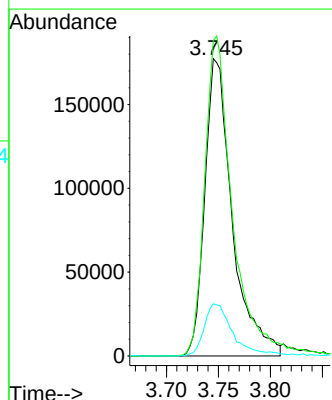
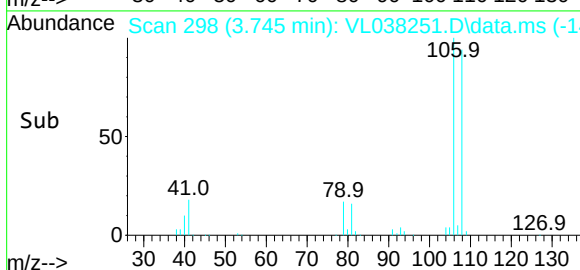
Reviewed By :Semsettin Yesilyurt 01/02/2022
Supervised By :Mahesh Dadoda 01/02/2022

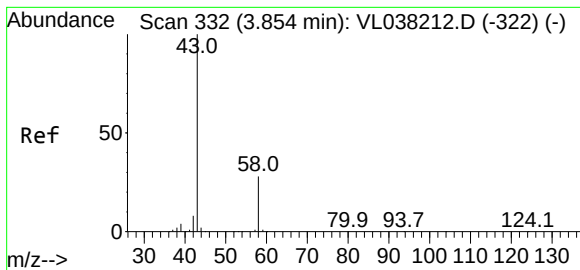


#14
Bromoethene
Concen: 9.357 ppbv
RT: 3.745 min Scan# 298
Delta R.T. 0.000 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24



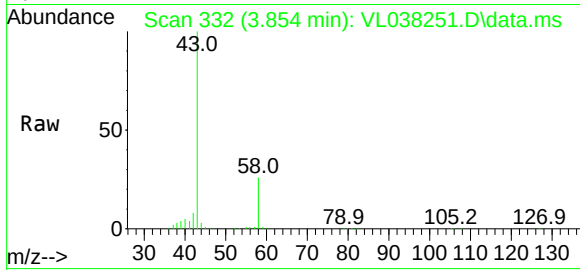
Tgt Ion:108 Resp: 326130
Ion Ratio Lower Upper
108 100
106 110.8 88.2 132.2
79 18.6 13.7 20.5





#15
Acetone
Concen: 8.704 ppbv
RT: 3.854 min Scan# 311
Delta R.T. 0.000 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

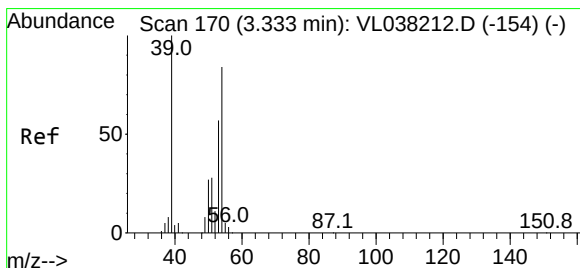
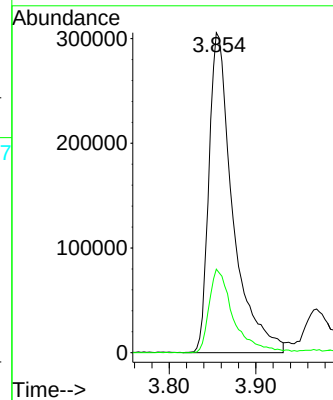
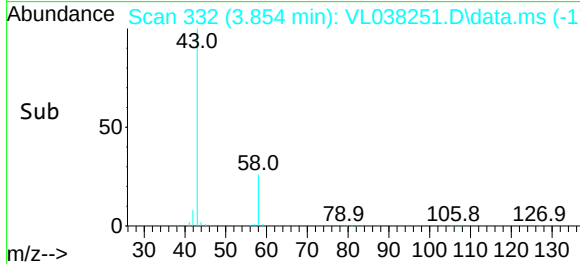
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 584669
Ion Ratio Lower Upper
43 100
58 26.8 23.3 34.9

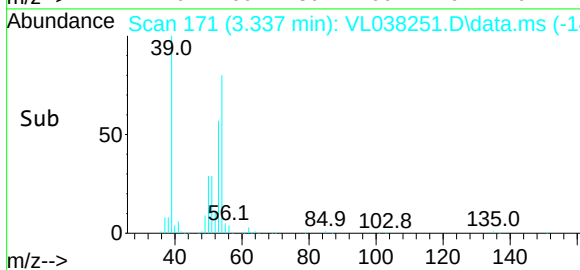
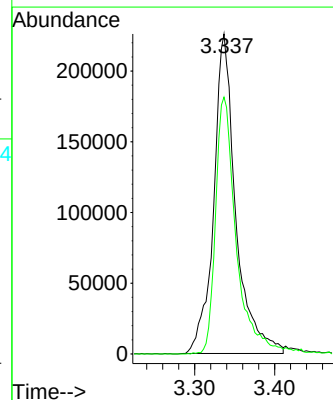
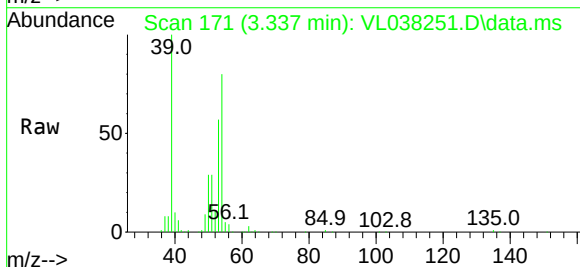
Manual Integrations
APPROVED

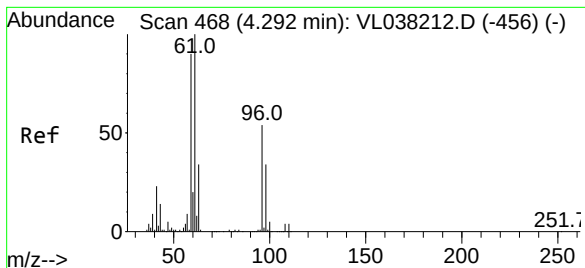
Reviewed By :Semsettin Yesilyurt 01/02/2022
Supervised By :Mahesh Dadoda 01/02/2022



#16
1,3-Butadiene
Concen: 9.490 ppbv
RT: 3.337 min Scan# 171
Delta R.T. 0.003 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

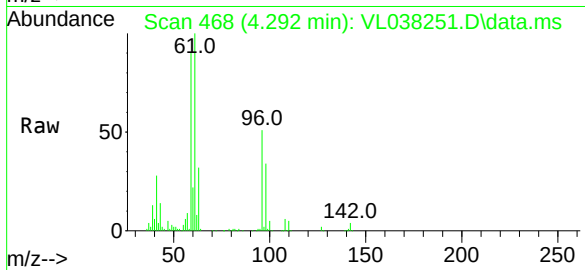
Tgt Ion: 39 Resp: 434245
Ion Ratio Lower Upper
39 100
54 76.3 62.9 94.3





#17
tert-Butyl alcohol
Concen: 9.245 ppbv
RT: 4.292 min Scan# 468
Delta R.T. 0.000 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

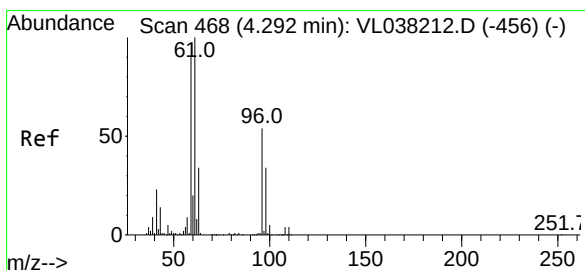
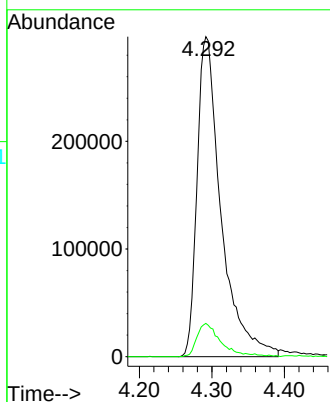
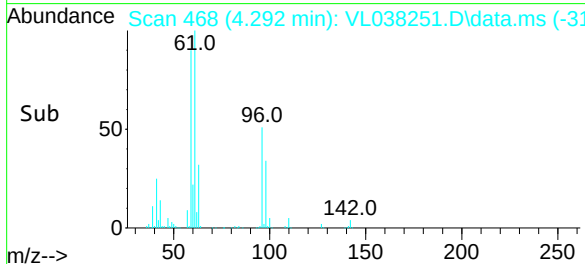
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



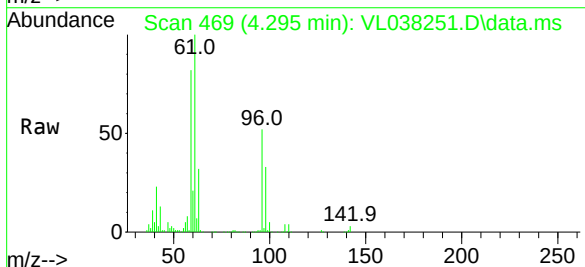
Tgt Ion: 59 Resp: 682070
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

Manual Integrations
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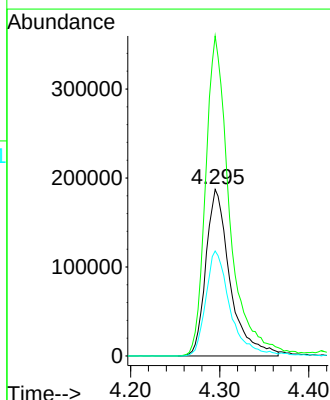
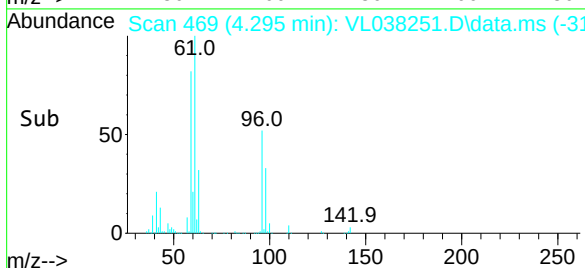
Reviewed By :Semsettin Yesilyurt 01/02/2022
Supervised By :Mahesh Dadoda 01/02/2022

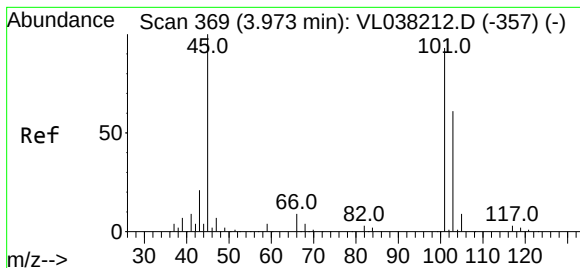


#18
1,1-Dichloroethene
Concen: 9.202 ppbv
RT: 4.295 min Scan# 469
Delta R.T. 0.003 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24



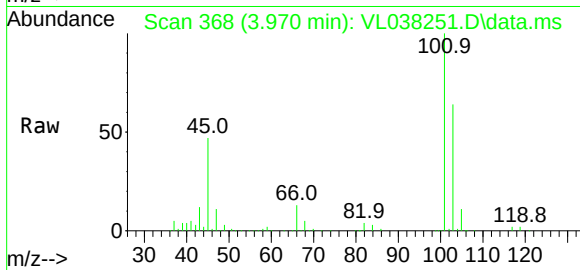
Tgt Ion: 96 Resp: 352543
Ion Ratio Lower Upper
96 100
61 192.0 147.4 221.0
98 63.0 50.7 76.1





#19
Isopropyl Alcohol
Concen: 8.706 ppbv
RT: 3.970 min Scan# 369
Delta R.T. -0.003 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

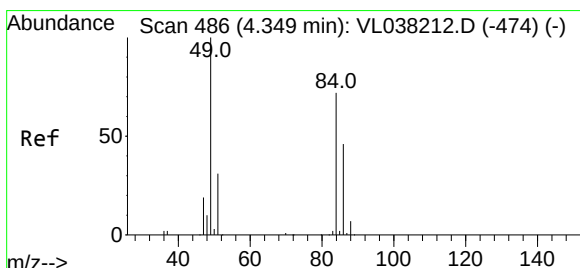
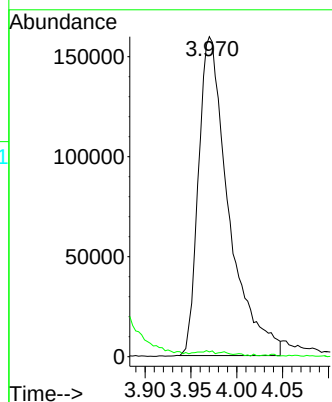
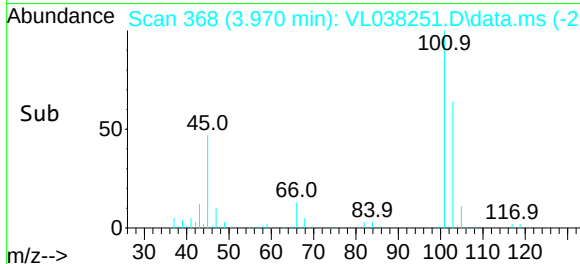
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 364770
Ion Ratio Lower Upper
45 100
58 1.6 32.4 48.6

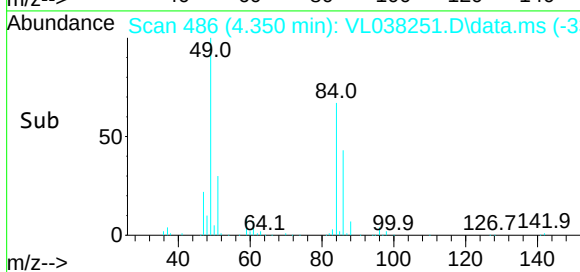
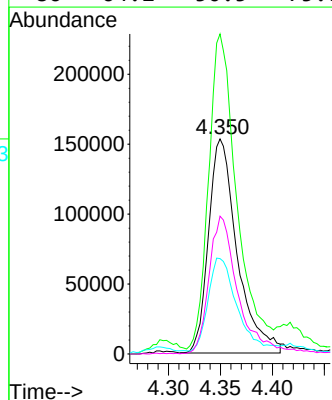
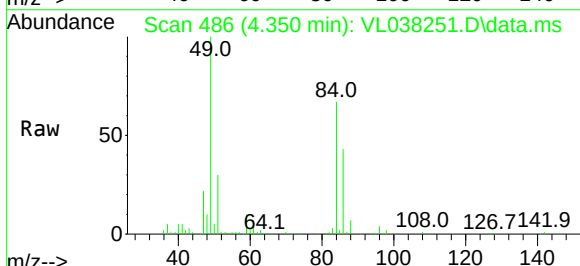
Manual Integrations
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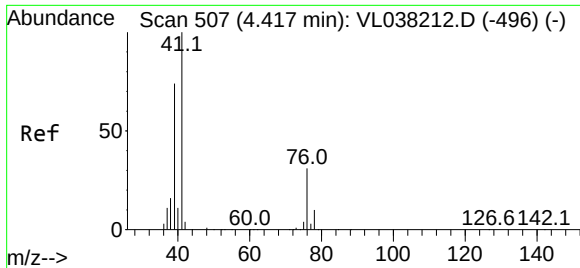
Reviewed By :Semsettin Yesilyurt 01/02/2022
Supervised By :Mahesh Dadoda 01/02/2022



#20
Methylene Chloride
Concen: 7.745 ppbv
RT: 4.350 min Scan# 486
Delta R.T. 0.000 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

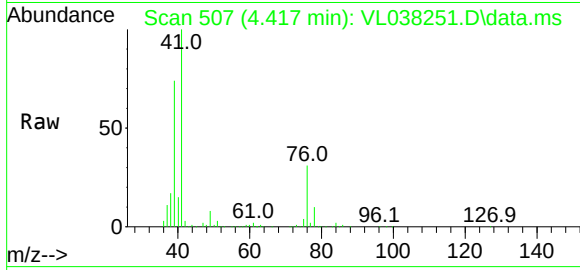
Tgt Ion: 84 Resp: 293715
Ion Ratio Lower Upper
84 100
49 146.2 110.6 166.0
51 43.0 34.2 51.2
86 64.2 50.5 75.7





#21
 Allyl Chloride
 Concen: 9.479 ppbv
 RT: 4.417 min Scan# 507
 Delta R.T. 0.000 min
 Lab File: VL038251.D
 Acq: 30 Dec 2021 8:24

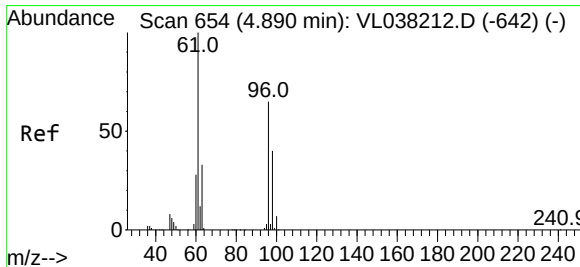
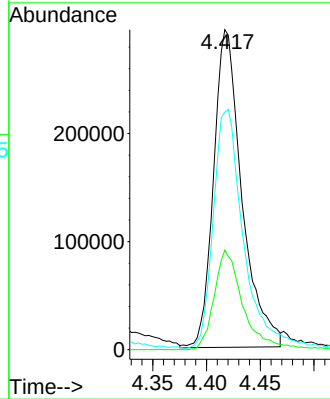
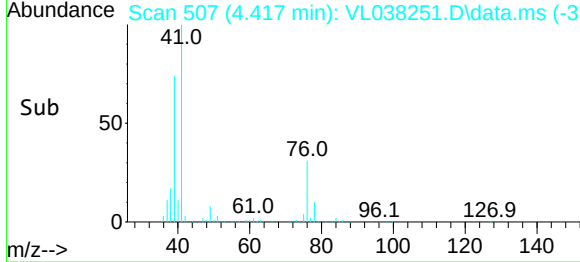
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



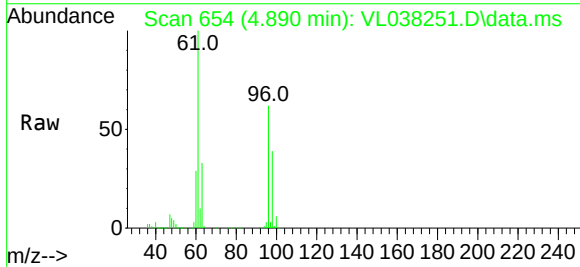
Tgt Ion: 41 Resp: 538640
 Ion Ratio Lower Upper
 41 100
 76 31.9 25.2 37.8
 39 80.8 66.1 99.1

Manual Integrations
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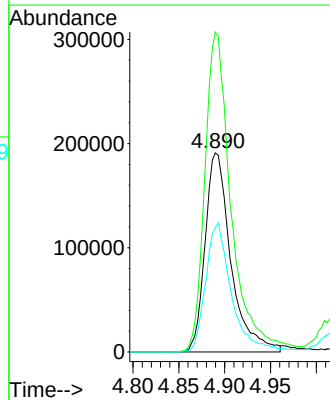
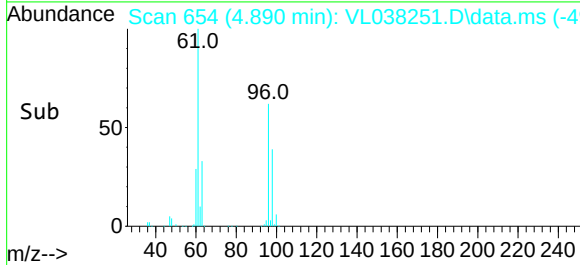
Reviewed By :Semsettin Yesilyurt 01/02/2022
 Supervised By :Mahesh Dadoda 01/02/2022

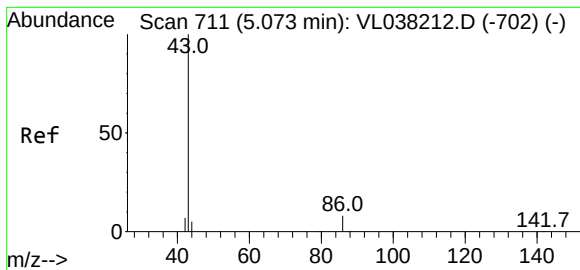


#22
 trans-1,2-Dichloroethene
 Concen: 9.586 ppbv
 RT: 4.890 min Scan# 654
 Delta R.T. 0.000 min
 Lab File: VL038251.D
 Acq: 30 Dec 2021 8:24



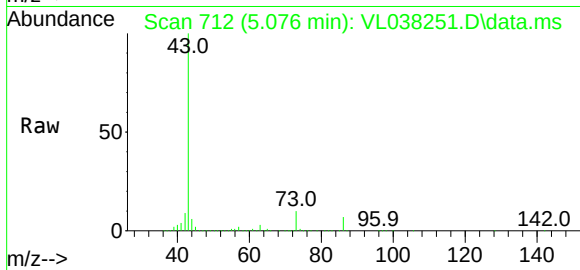
Tgt Ion: 96 Resp: 374733
 Ion Ratio Lower Upper
 96 100
 61 160.6 123.5 185.3
 98 62.3 50.0 75.0





#23
 Vinyl Acetate
 Concen: 9.451 ppbv
 RT: 5.076 min Scan# 711
 Delta R.T. 0.003 min
 Lab File: VL038251.D
 Acq: 30 Dec 2021 8:24

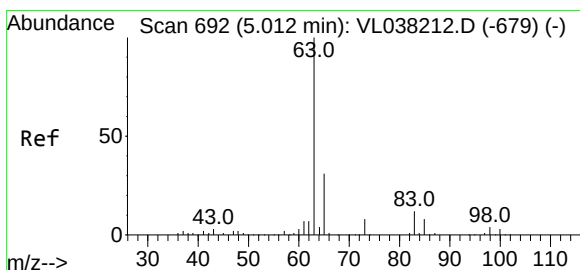
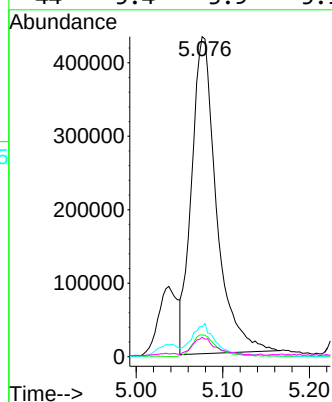
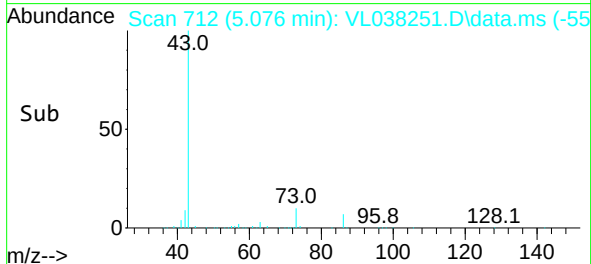
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



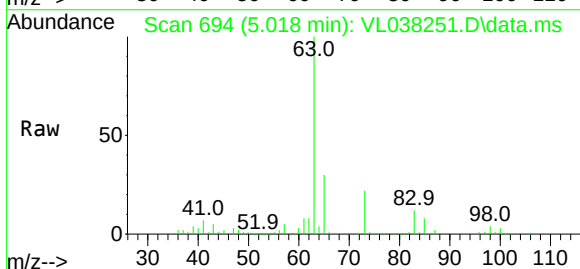
Tgt Ion: 43 Resp: 859610
 Ion Ratio Lower Upper
 43 100
 86 6.8 5.6 8.4
 42 9.4 7.0 10.4
 44 5.4 3.9 5.9

Manual Integrations
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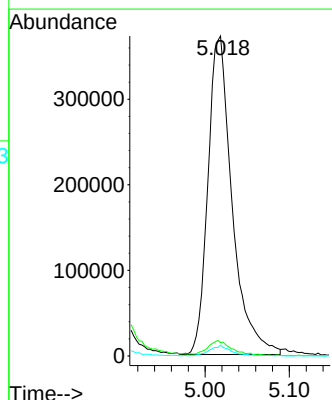
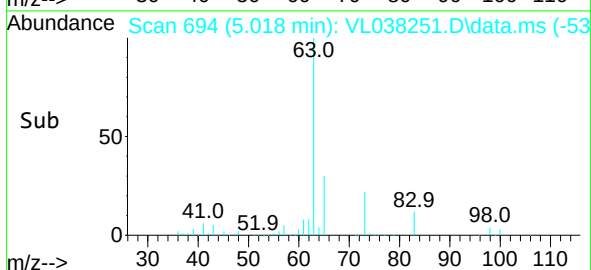
Reviewed By :Semsettin Yesilyurt 01/02/2022
 Supervised By :Mahesh Dadoda 01/02/2022

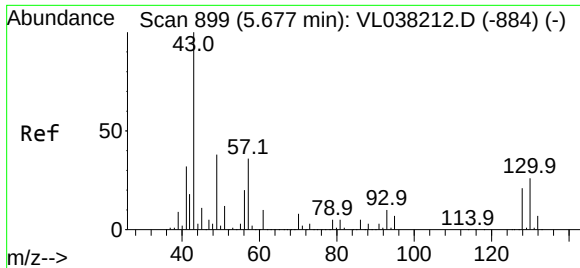


#24
 1,1-Dichloroethane
 Concen: 9.148 ppbv
 RT: 5.018 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VL038251.D
 Acq: 30 Dec 2021 8:24



Tgt Ion: 63 Resp: 744048
 Ion Ratio Lower Upper
 63 100
 98 4.1 2.2 6.6
 100 3.3 1.5 4.4





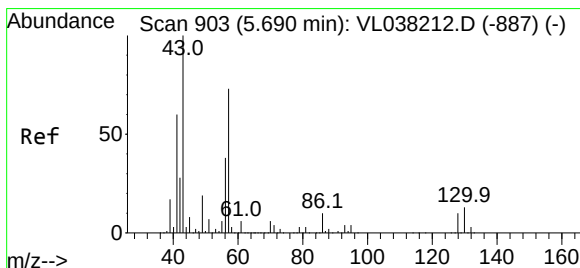
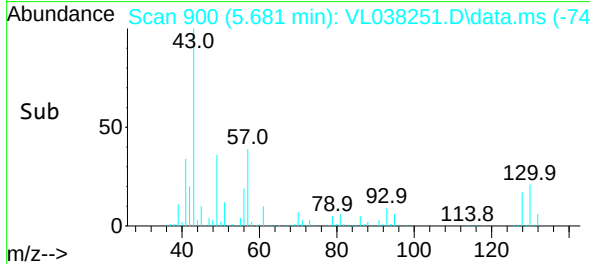
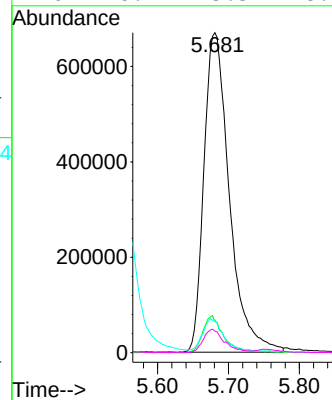
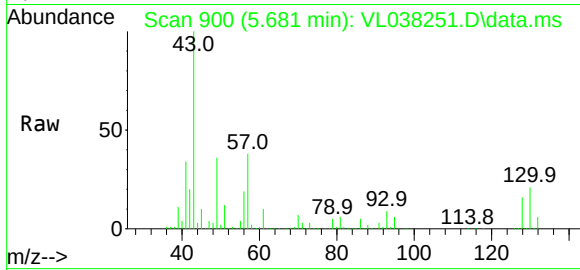
#25
Ethyl Acetate
Concen: 9.178 ppbv
RT: 5.681 min Scan# 900
Delta R.T. 0.003 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 1670215
Ion Ratio Lower Upper
43 100
45 9.6 7.9 11.9
61 9.6 8.1 12.1
70 6.2 5.5 8.3

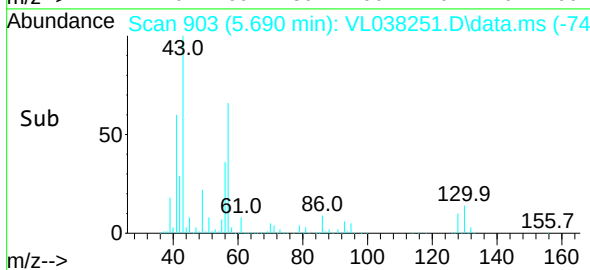
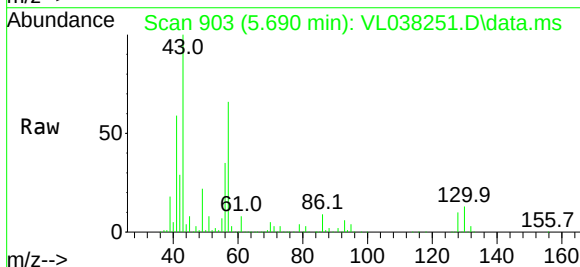
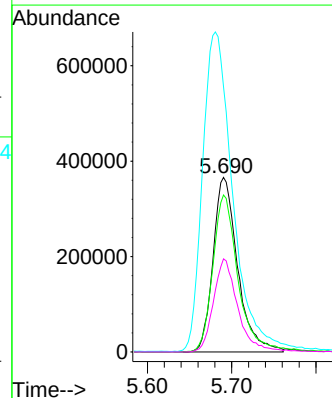
Manual Integrations
APPROVED

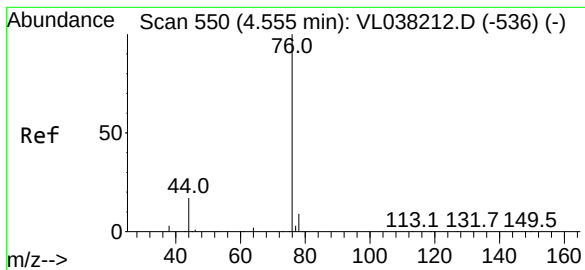
Reviewed By :Semsettin Yesilyurt 01/02/2022
Supervised By :Mahesh Dadoda 01/02/2022



#26
Hexane
Concen: 8.125 ppbv
RT: 5.690 min Scan# 903
Delta R.T. 0.000 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

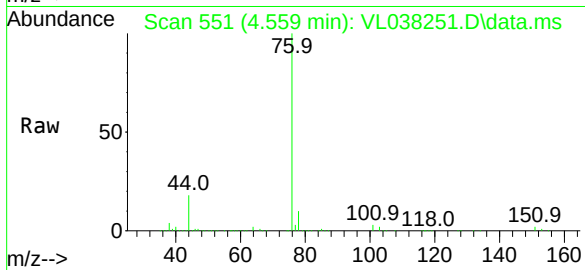
Tgt Ion: 57 Resp: 741873
Ion Ratio Lower Upper
57 100
41 93.5 69.0 103.6
43 227.5 171.2 256.8
56 53.2 41.5 62.3





#27
Carbon Disulfide
Concen: 12.059 ppbv
RT: 4.559 min Scan# 511
Delta R.T. 0.003 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

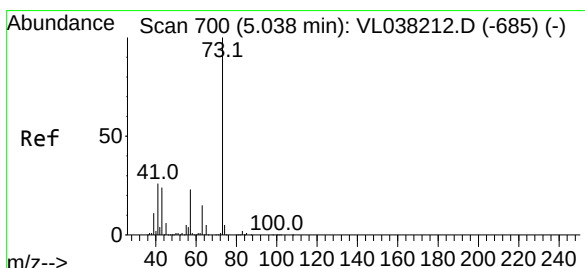
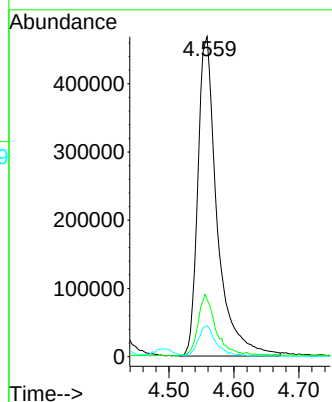
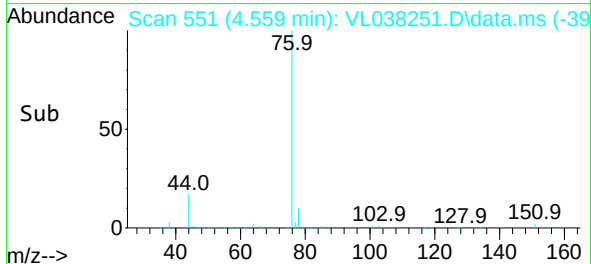
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 969270
Ion Ratio Lower Upper
76 100
44 18.8 14.2 21.4
78 9.9 7.7 11.5

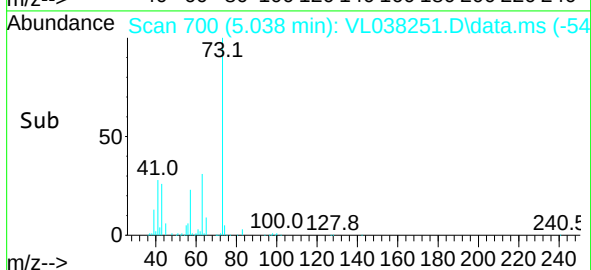
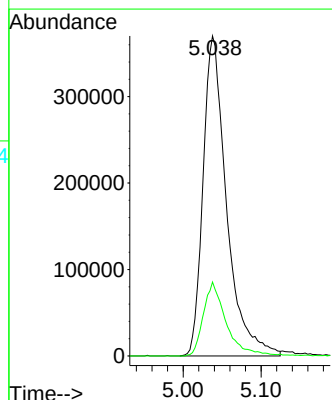
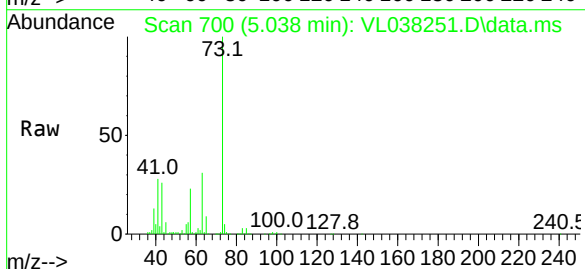
Manual Integrations
APPROVED

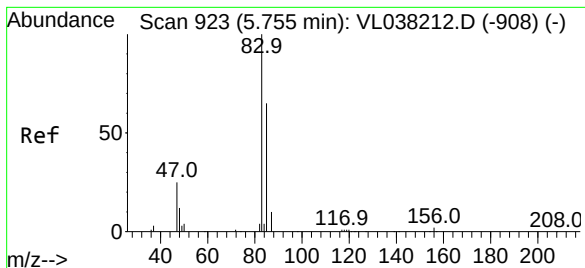
Reviewed By :Semsettin Yesilyurt 01/02/2022
Supervised By :Mahesh Dadoda 01/02/2022



#28
Methyl tert-Butyl Ether
Concen: 8.462 ppbv
RT: 5.038 min Scan# 700
Delta R.T. 0.000 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

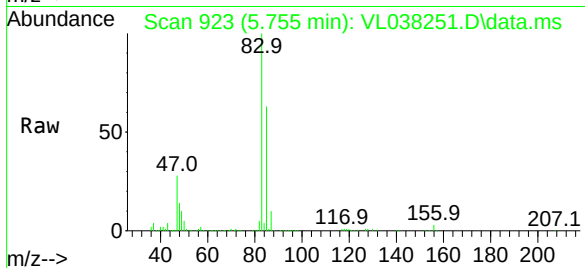
Tgt Ion: 73 Resp: 776398
Ion Ratio Lower Upper
73 100
57 22.7 18.8 28.2





#29
Chloroform
Concen: 9.102 ppbv
RT: 5.755 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

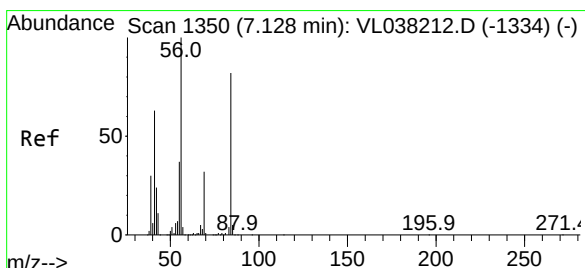
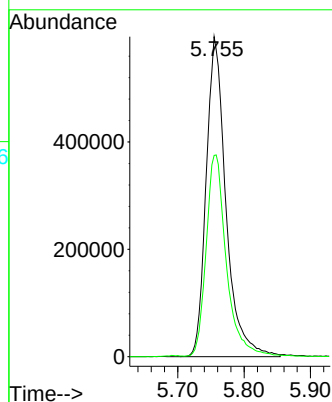
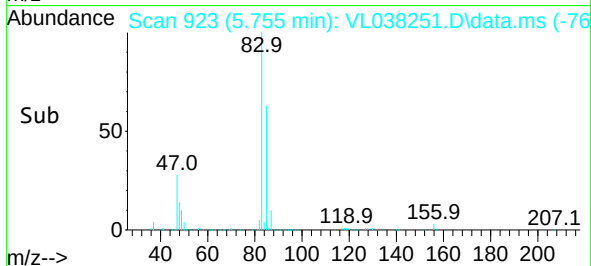
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



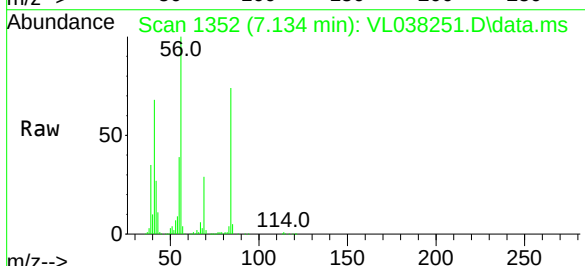
Tgt Ion: 83 Resp: 1233239
Ion Ratio Lower Upper
83 100
85 62.7 52.2 78.4

Manual Integrations
APPROVED

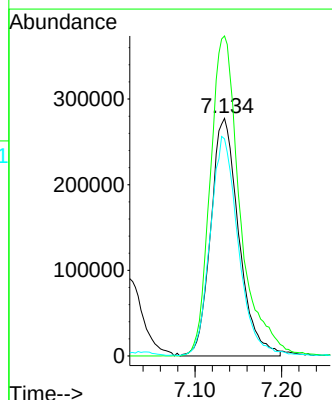
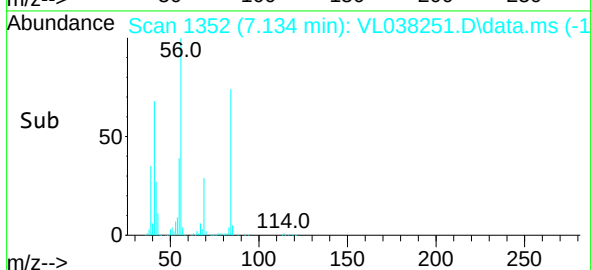
Reviewed By :Semsettin Yesilyurt 01/02/2022
Supervised By :Mahesh Dadoda 01/02/2022

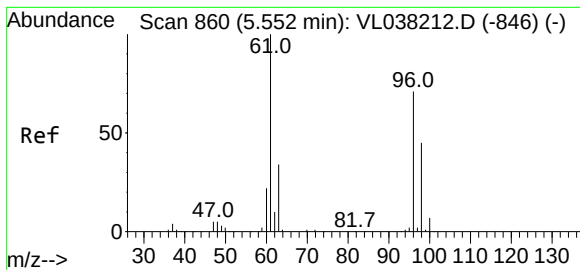


#30
Cyclohexane
Concen: 7.710 ppbv
RT: 7.134 min Scan# 1352
Delta R.T. 0.006 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24



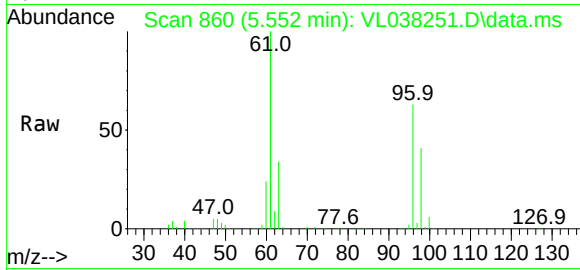
Tgt Ion: 84 Resp: 623482
Ion Ratio Lower Upper
84 100
56 144.4 105.2 157.8
41 93.4 63.2 94.8





#31
cis-1,2-Dichloroethene
Concen: 10.599 ppbv
RT: 5.552 min Scan# 860
Delta R.T. 0.000 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

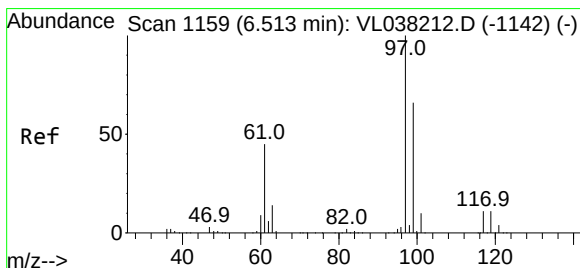
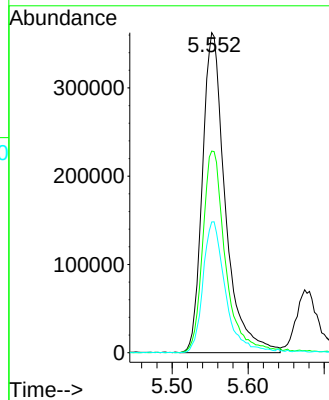
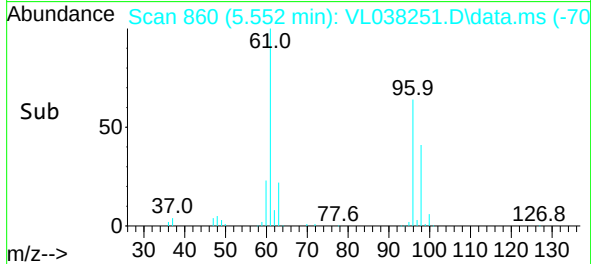
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 61 Resp: 758969
Ion Ratio Lower Upper
61 100
96 63.0 56.6 84.8
98 40.8 36.3 54.5

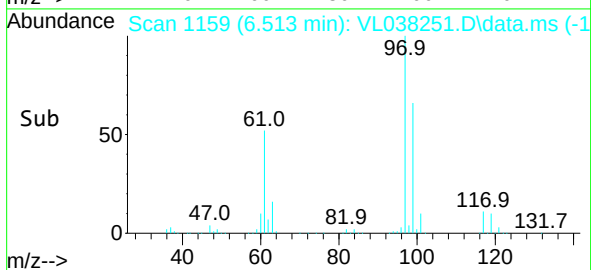
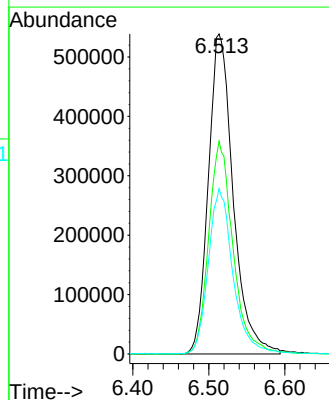
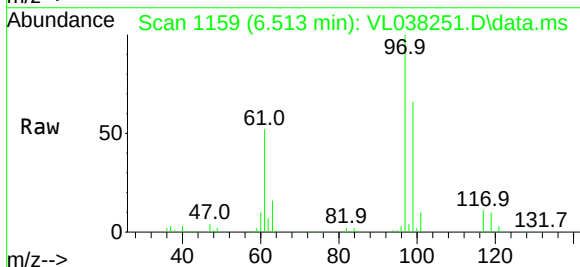
Manual Integrations
APPROVED

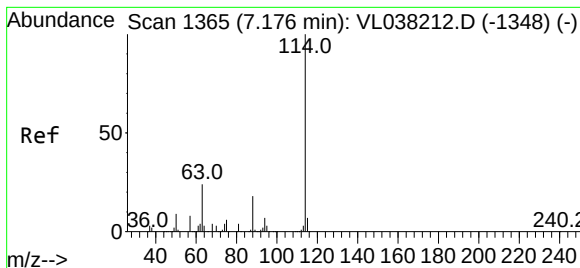
Reviewed By :Semsettin Yesilyurt 01/02/2022
Supervised By :Mahesh Dadoda 01/02/2022



#32
1,1,1-Trichloroethane
Concen: 9.092 ppbv
RT: 6.513 min Scan# 1159
Delta R.T. 0.000 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

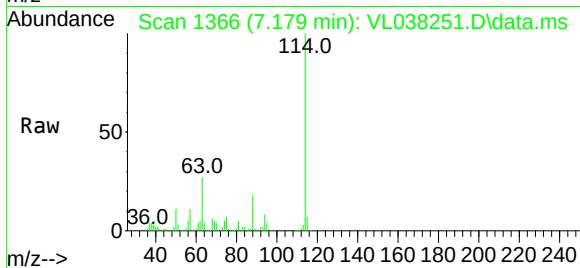
Tgt Ion: 97 Resp: 1222225
Ion Ratio Lower Upper
97 100
99 65.3 52.4 78.6
61 51.7 37.2 55.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 114
Delta R.T. 0.003 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

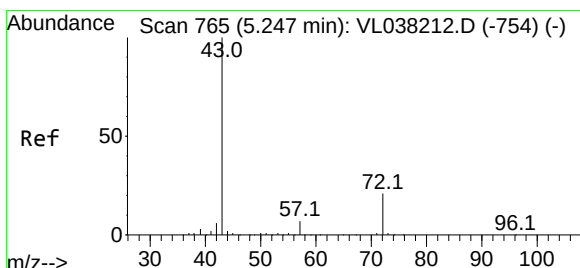
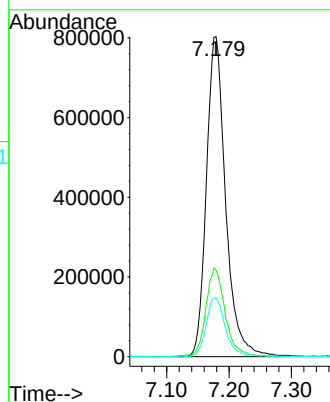
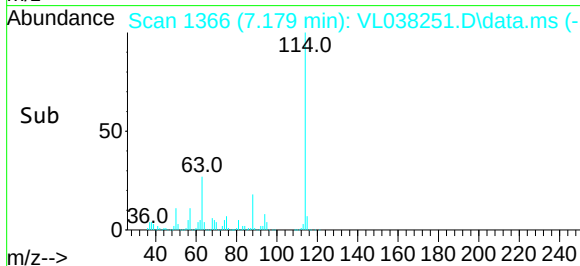
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



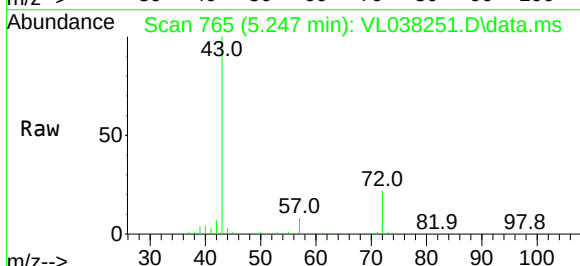
Tgt Ion: 114 Resp: 1720278
Ion Ratio Lower Upper
114 100
63 28.1 19.7 29.5
88 18.7 14.3 21.5

Manual Integrations
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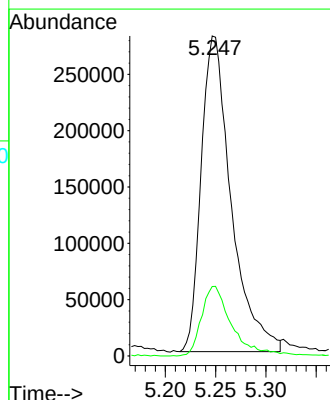
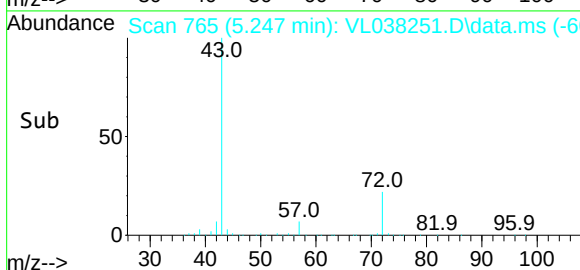
Reviewed By :Semsettin Yesilyurt 01/02/2022
Supervised By :Mahesh Dadoda 01/02/2022

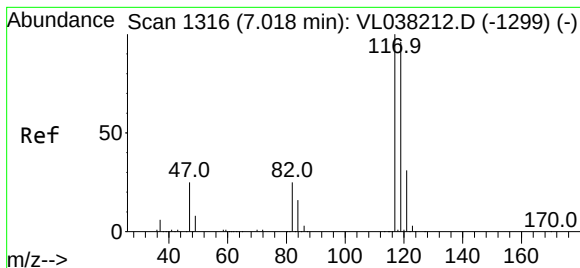


#34
2-Butanone
Concen: 11.264 ppbv
RT: 5.247 min Scan# 765
Delta R.T. 0.000 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24



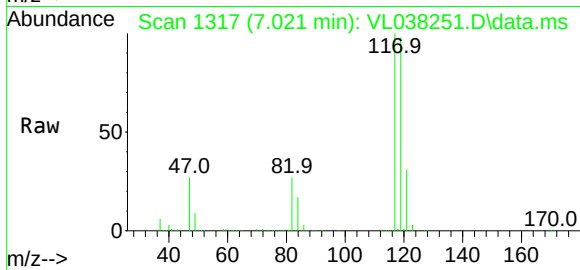
Tgt Ion: 43 Resp: 582439
Ion Ratio Lower Upper
43 100
72 22.5 18.3 27.5





#35
Carbon Tetrachloride
Concen: 12.282 ppbv
RT: 7.021 min Scan# 111
Delta R.T. 0.003 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

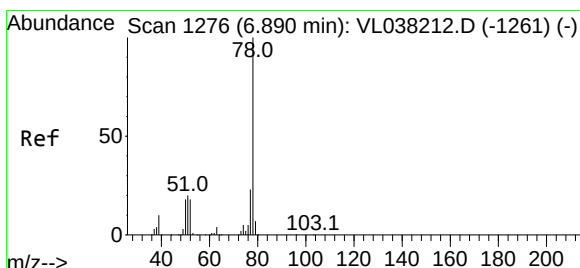
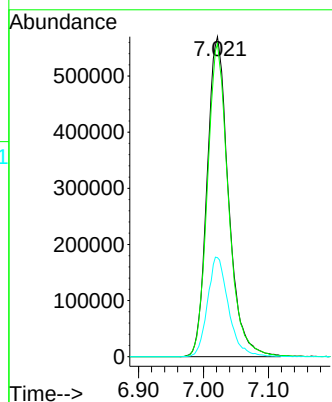
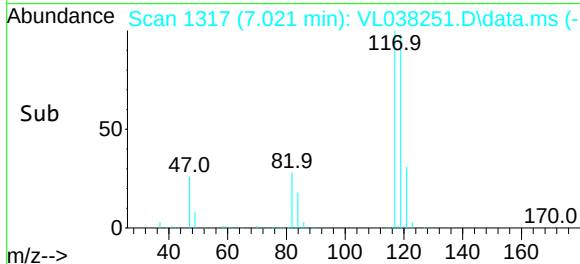
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



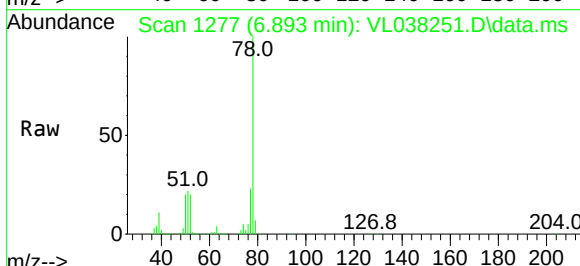
Tgt Ion:117 Resp: 130413
Ion Ratio Lower Upper
117 100
119 97.8 76.7 115.1
121 30.9 25.0 37.4

Manual Integrations
APPROVED

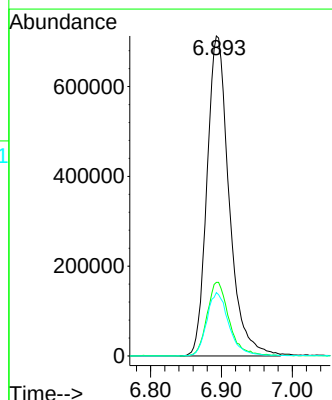
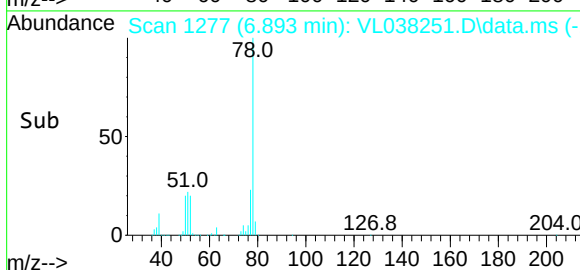
Reviewed By :Semsettin Yesilyurt 01/02/2022
Supervised By :Mahesh Dadoda 01/02/2022

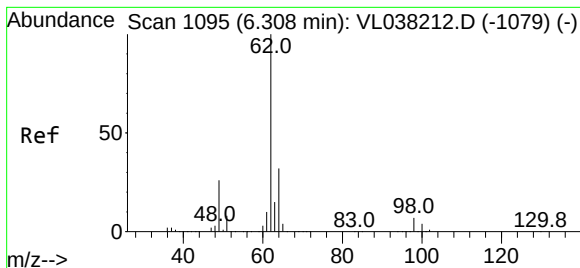


#36
Benzene
Concen: 9.628 ppbv
RT: 6.893 min Scan# 1277
Delta R.T. 0.003 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24



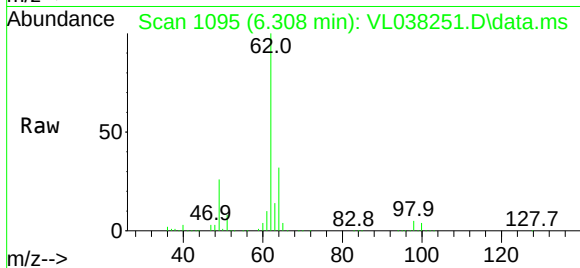
Tgt Ion: 78 Resp: 1544864
Ion Ratio Lower Upper
78 100
77 23.0 18.2 27.4
50 19.8 14.3 21.5





#37
1,2-Dichloroethane
Concen: 11.615 ppbv
RT: 6.308 min Scan# 1095
Delta R.T. 0.000 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

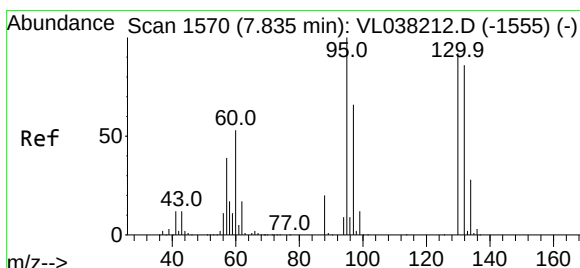
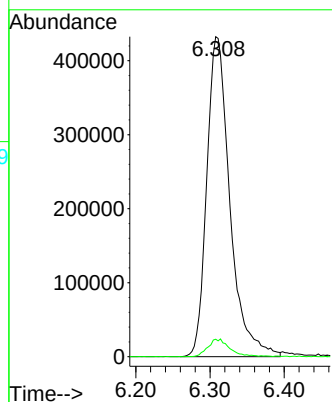
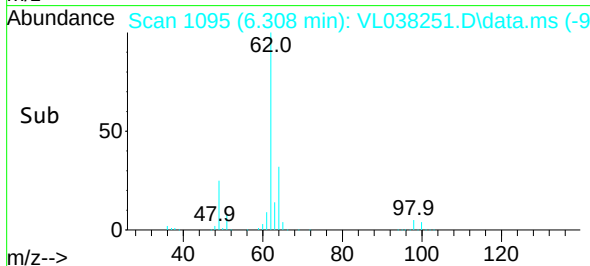
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 62 Resp: 93521
Ion Ratio Lower Upper
62 100
98 5.4 5.5 8.3

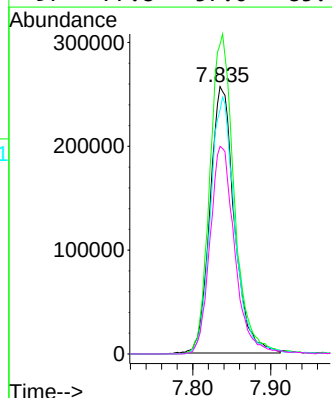
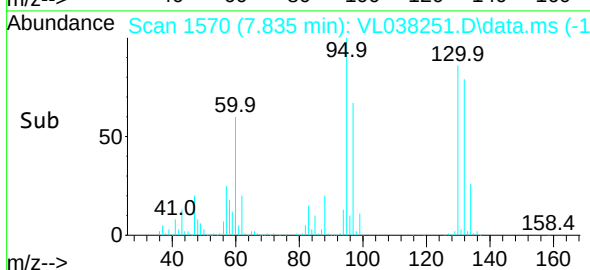
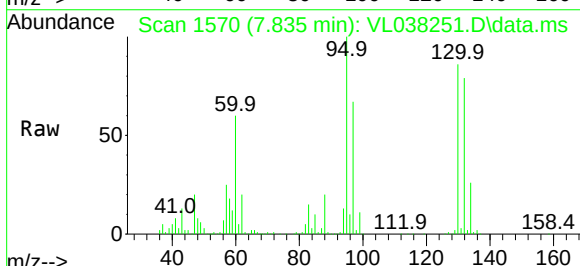
Manual Integrations
APPROVED

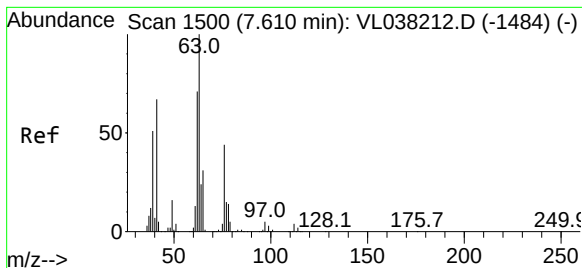
Reviewed By :Semsettin Yesilyurt 01/02/2022
Supervised By :Mahesh Dadoda 01/02/2022



#38
Trichloroethene
Concen: 9.127 ppbv
RT: 7.835 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

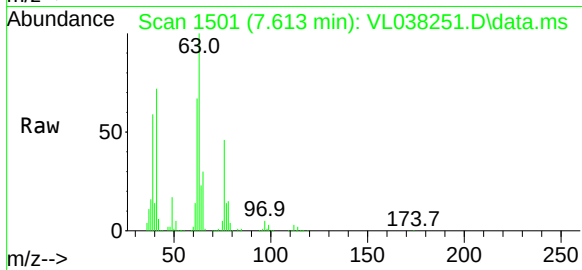
Tgt Ion:130 Resp: 557332
Ion Ratio Lower Upper
130 100
95 116.1 87.0 130.4
132 91.4 75.1 112.7
97 77.8 57.0 85.4





#39
1,2-Dichloropropane
Concen: 9.803 ppbv
RT: 7.613 min Scan# 1501
Delta R.T. 0.003 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

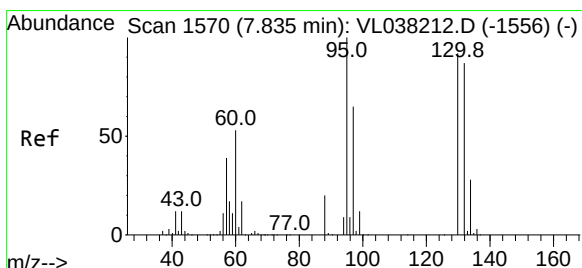
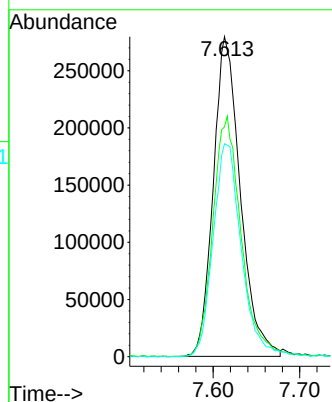
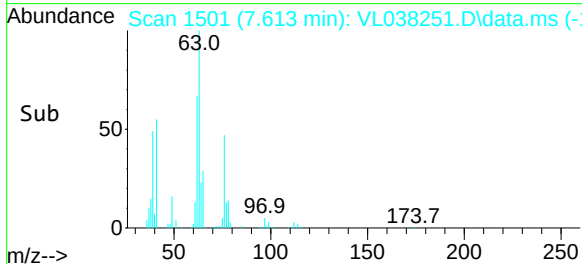
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 63 Resp: 60539
Ion Ratio Lower Upper
63 100
41 71.9 53.4 80.2
62 66.5 56.5 84.7

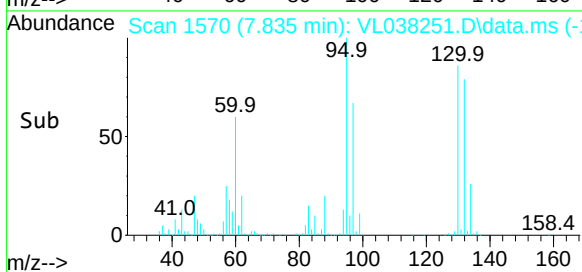
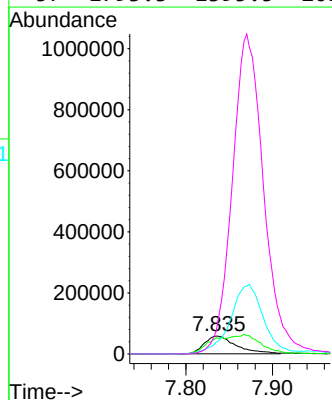
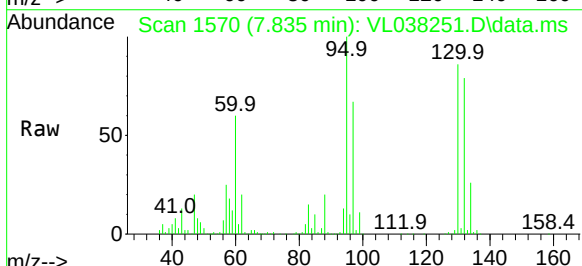
Manual Integrations
APPROVED

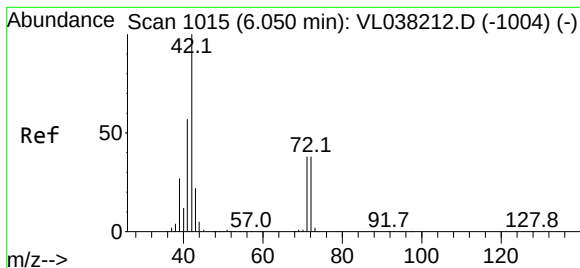
Reviewed By :Semsettin Yesilyurt 01/02/2022
Supervised By :Mahesh Dadoda 01/02/2022



#40
1,4-Dioxane
Concen: 8.241 ppbv
RT: 7.835 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

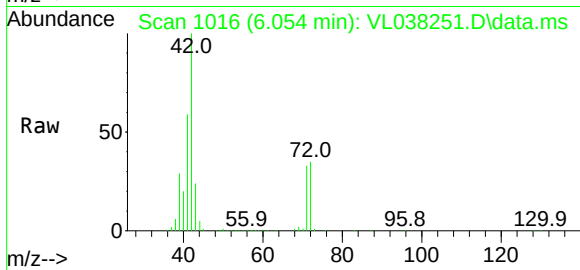
Tgt Ion: 88 Resp: 148049
Ion Ratio Lower Upper
88 100
58 167.0 127.8 191.8
43 418.6 301.0 451.6
57 1793.3 1395.5 2093.3





#41
Tetrahydrofuran
Concen: 10.298 ppbv
RT: 6.054 min Scan# 1015
Delta R.T. 0.003 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

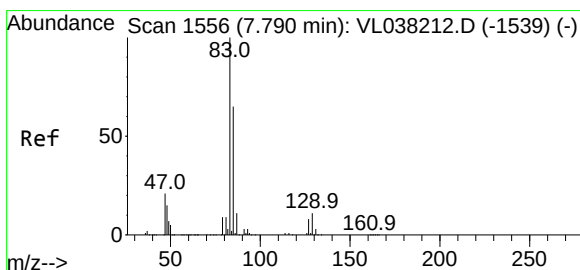
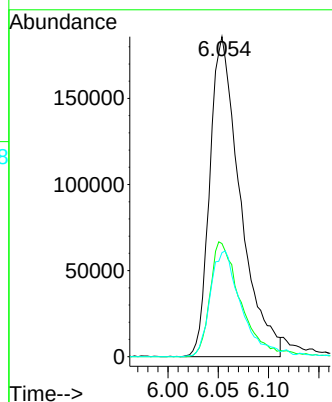
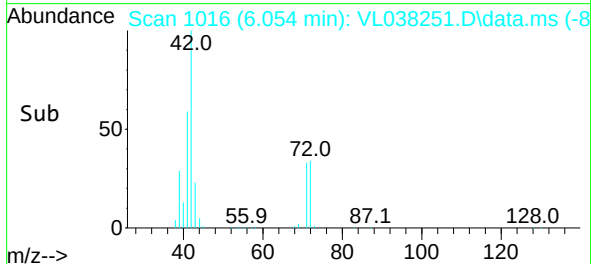
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 42 Resp: 389992
Ion Ratio Lower Upper
42 100
72 37.2 31.4 47.0
71 35.1 30.0 45.0

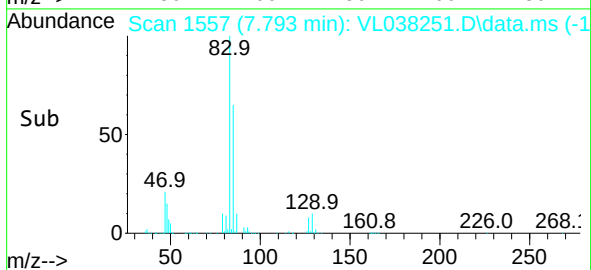
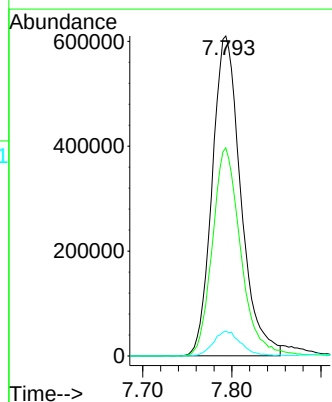
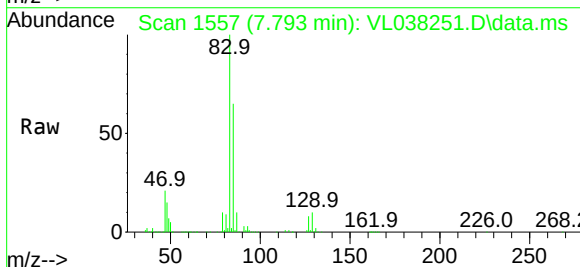
Manual Integrations
APPROVED

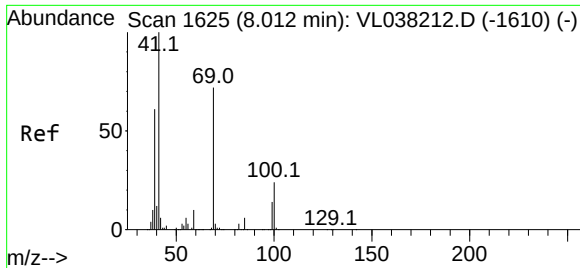
Reviewed By :Semsettin Yesilyurt 01/02/2022
Supervised By :Mahesh Dadoda 01/02/2022



#42
Bromodichloromethane
Concen: 11.877 ppbv
RT: 7.793 min Scan# 1557
Delta R.T. 0.003 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion: 83 Resp: 1360676
Ion Ratio Lower Upper
83 100
85 65.0 52.0 78.0
127 7.8 6.1 9.1





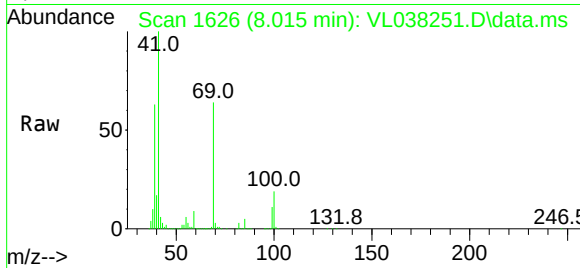
#43
Methyl Methacrylate
Concen: 10.476 ppbv
RT: 8.015 min Scan# 1625
Delta R.T. 0.003 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

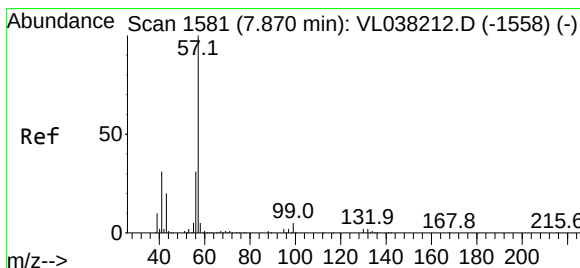
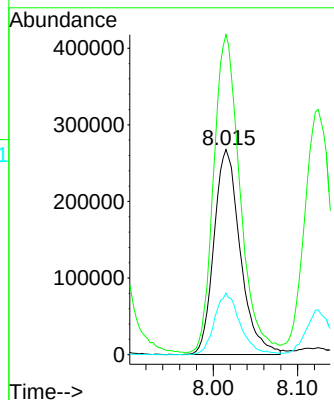
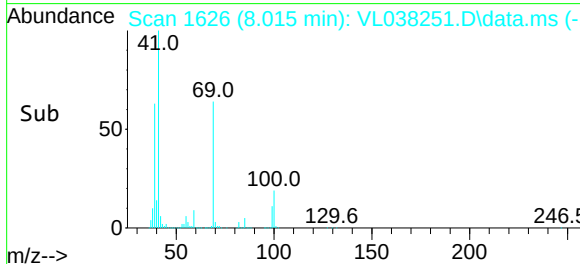


Tgt Ion: 69 Resp: 57852
Ion Ratio Lower Upper
69 100
41 156.8 116.0 174.0
100 29.3 26.6 39.8

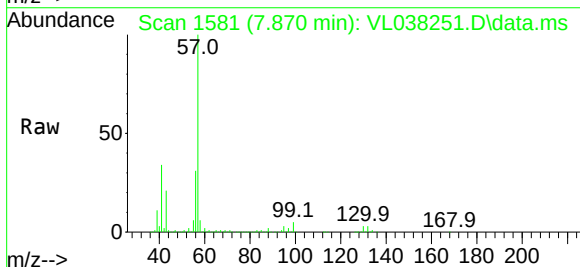
Manual Integrations

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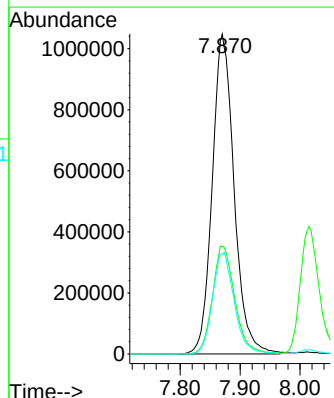
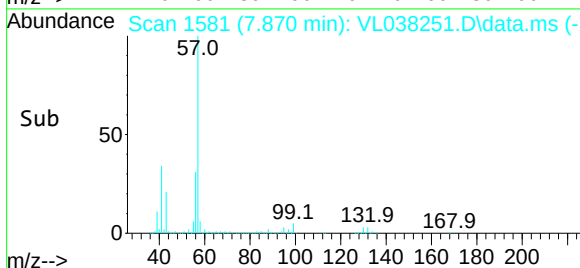
Reviewed By :Semsettin Yesilyurt 01/02/2022
Supervised By :Mahesh Dadoda 01/02/2022

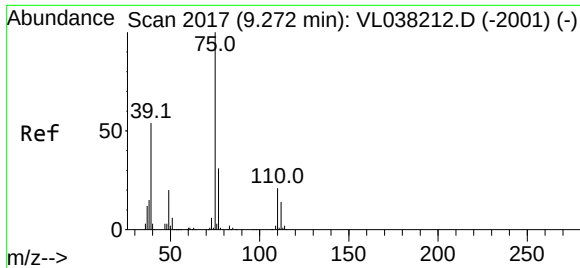


#44
2,2,4-Trimethylpentane
Concen: 9.715 ppbv
RT: 7.870 min Scan# 1581
Delta R.T. 0.000 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24



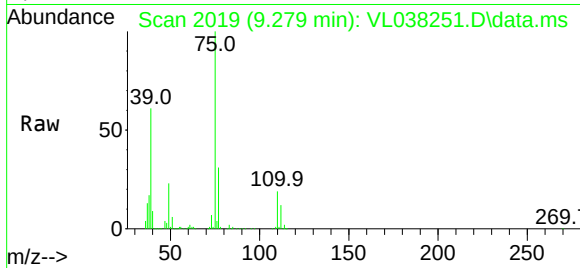
Tgt Ion: 57 Resp: 2648194
Ion Ratio Lower Upper
57 100
41 34.5 24.9 37.3
56 31.5 24.8 37.2





#45
 t-1,3-Dichloropropene
 Concen: 13.510 ppbv
 RT: 9.279 min Scan# 2017
 Delta R.T. 0.006 min
 Lab File: VL038251.D
 Acq: 30 Dec 2021 8:24

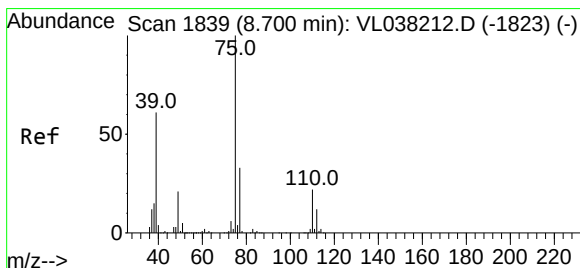
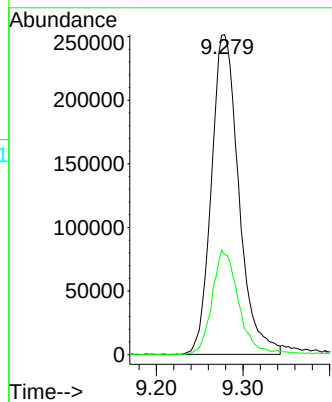
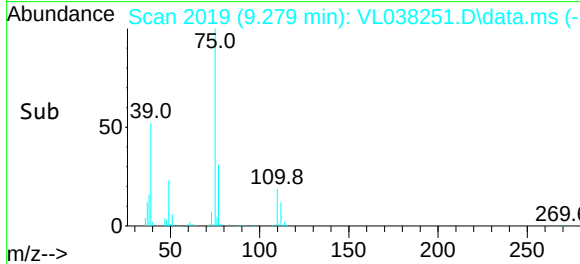
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 75 Resp: 55214
 Ion Ratio Lower Upper
 75 100
 77 31.2 24.7 37.1

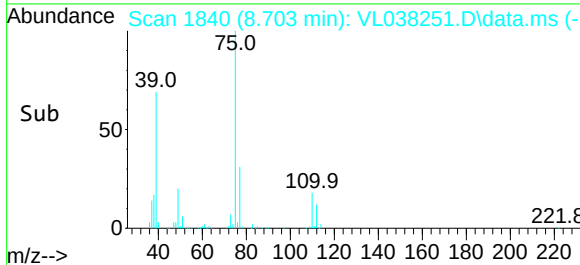
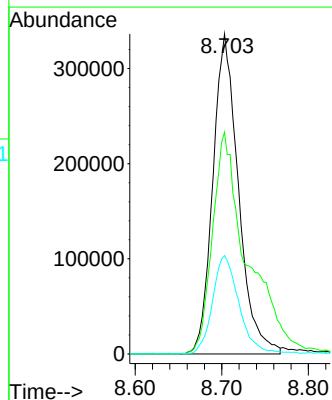
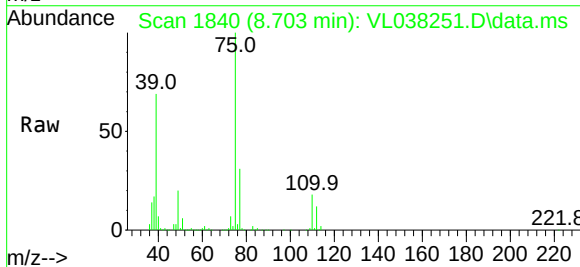
Manual Integrations
 APPROVED

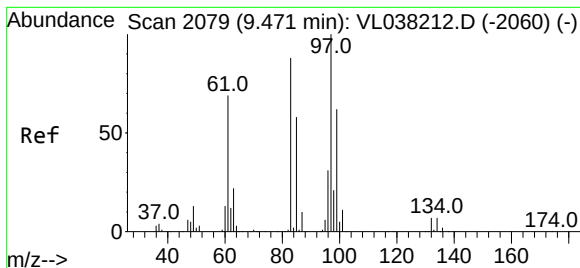
Reviewed By :Semsettin Yesilyurt 01/02/2022
 Supervised By :Mahesh Dadoda 01/02/2022



#46
 cis-1,3-Dichloropropene
 Concen: 12.187 ppbv
 RT: 8.703 min Scan# 1840
 Delta R.T. 0.003 min
 Lab File: VL038251.D
 Acq: 30 Dec 2021 8:24

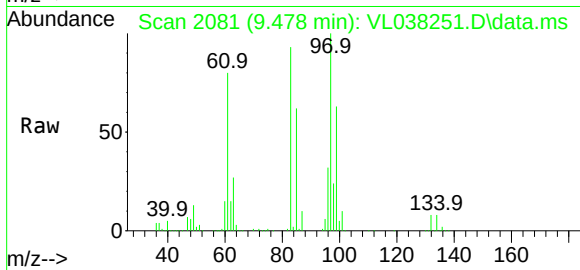
Tgt Ion: 75 Resp: 689450
 Ion Ratio Lower Upper
 75 100
 39 69.2 48.9 73.3
 77 30.7 26.2 39.2





#47
1,1,2-Trichloroethane
Concen: 9.212 ppbv
RT: 9.478 min Scan# 2079
Delta R.T. 0.006 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

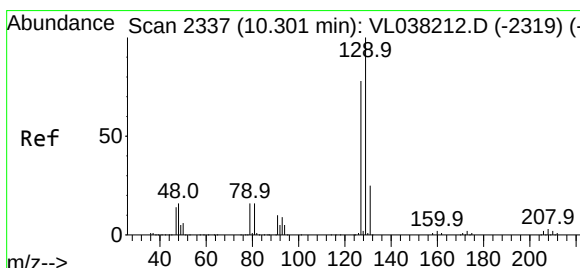
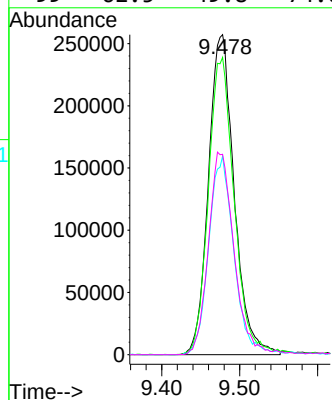
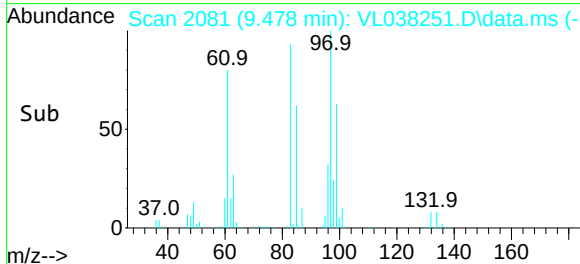
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



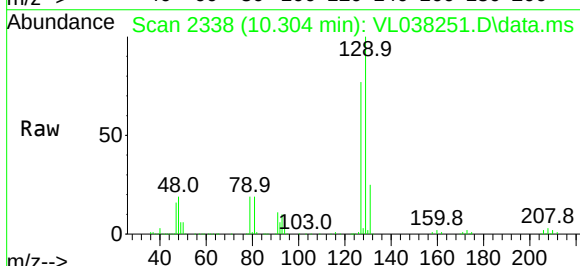
Tgt Ion: 97 Resp: 590430
Ion Ratio Lower Upper
97 100
83 92.8 70.2 105.2
85 62.0 46.1 69.1
99 62.5 49.8 74.6

Manual Integrations
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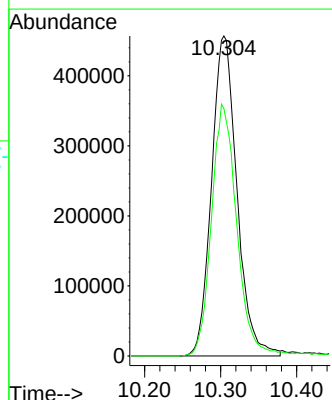
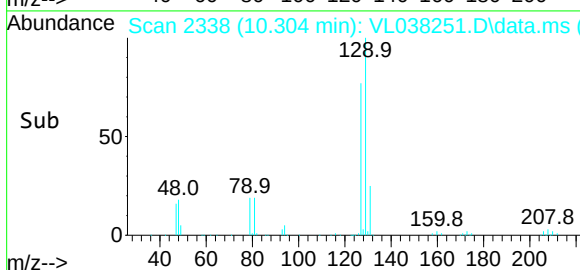
Reviewed By :Semsettin Yesilyurt 01/02/2022
Supervised By :Mahesh Dadoda 01/02/2022

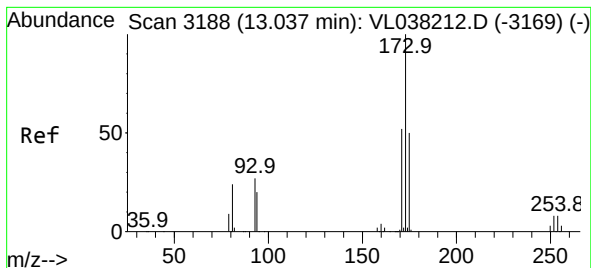


#48
Dibromochloromethane
Concen: 11.763 ppbv
RT: 10.304 min Scan# 2338
Delta R.T. 0.003 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24



Tgt Ion:129 Resp: 1060277
Ion Ratio Lower Upper
129 100
127 79.8 40.2 120.6





#49

Bromoform

Concen: 12.048 ppbv

RT: 13.037 min Scan# 3188

Delta R.T. 0.000 min

Lab File: VL038251.D

Acq: 30 Dec 2021 8:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

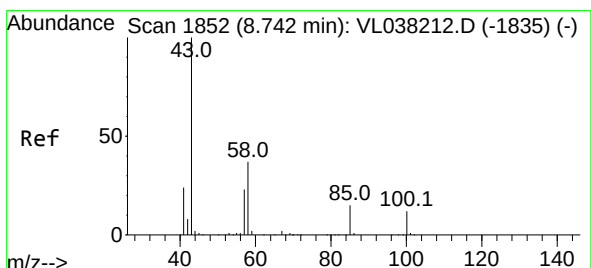
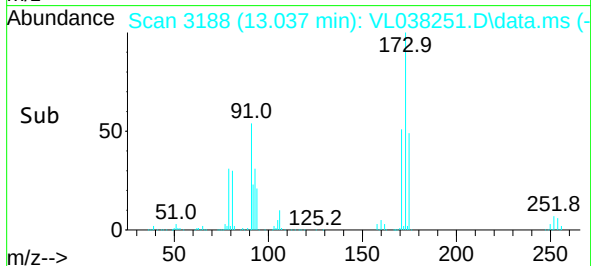
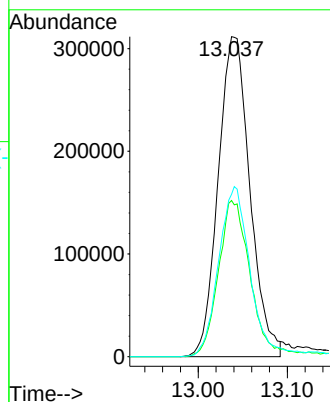
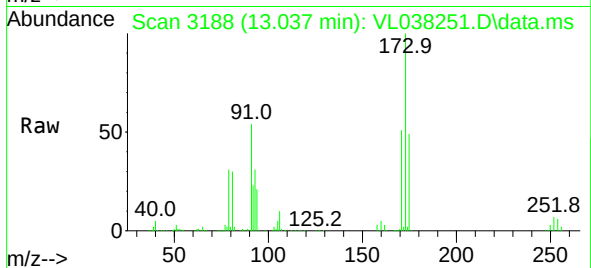
Tgt Ion: 173 Resp: 77155

Ion	Ratio	Lower	Upper
173	100		
175	50.8	40.9	61.3
171	55.4	43.4	65.2

Manual Integrations

APPROVED

Reviewed By : Semsettin Yesilyurt 01/02/2022
Supervised By : Mahesh Dadoda 01/02/2022



#50

4-Methyl-2-Pentanone

Concen: 12.184 ppbv

RT: 8.745 min Scan# 1853

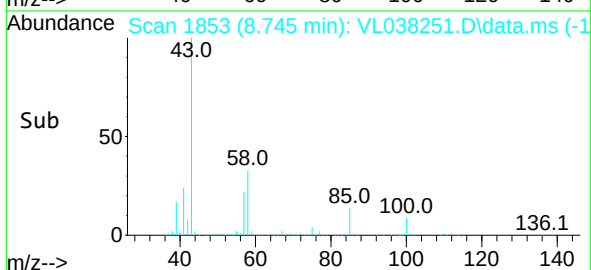
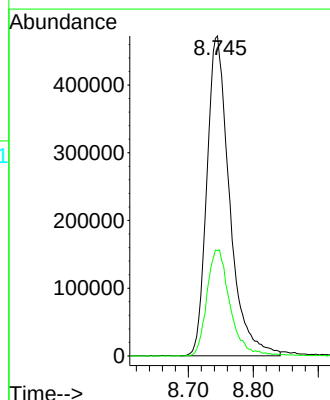
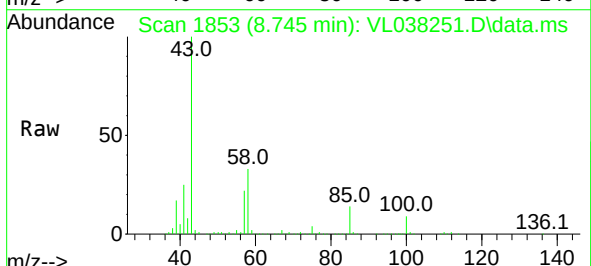
Delta R.T. 0.003 min

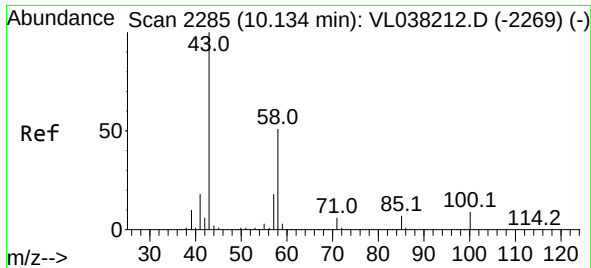
Lab File: VL038251.D

Acq: 30 Dec 2021 8:24

Tgt Ion: 43 Resp: 1145377

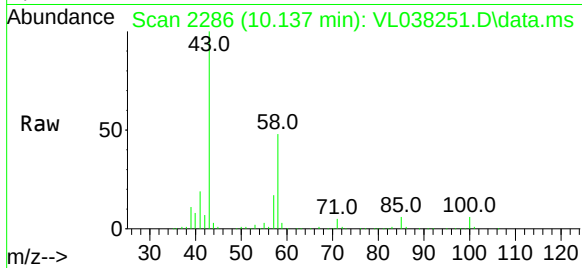
Ion	Ratio	Lower	Upper
43	100		
58	34.4	29.4	44.2





#51
2-Hexanone
Concen: 11.957 ppbv
RT: 10.137 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

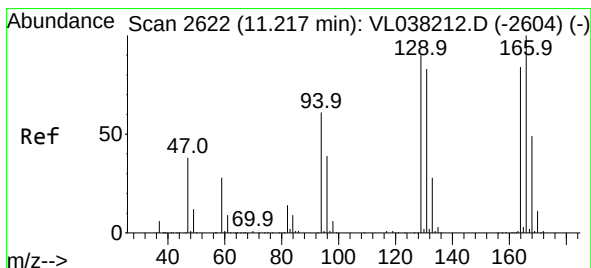
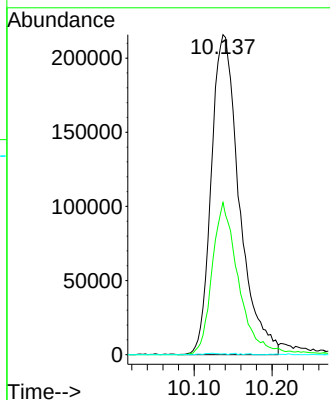
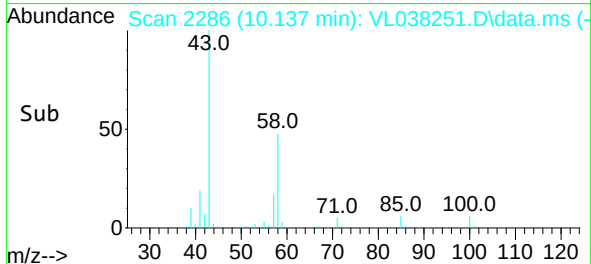
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



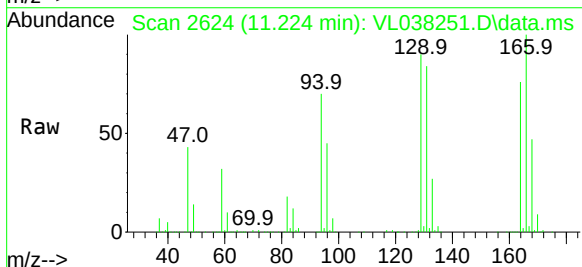
Tgt Ion: 43 Resp: 53802
Ion Ratio Lower Upper
43 100
58 45.9 40.8 61.2
98 0.4 0.0 0.0

Manual Integrations
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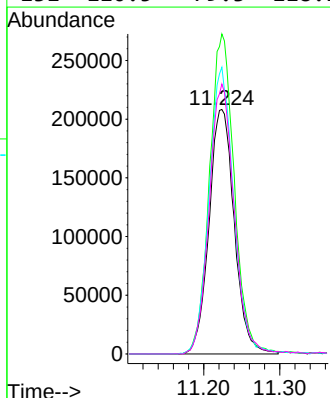
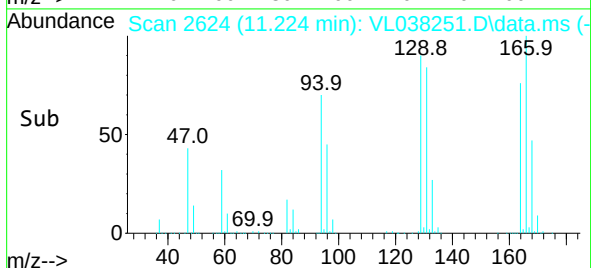
Reviewed By :Semsettin Yesilyurt 01/02/2022
Supervised By :Mahesh Dadoda 01/02/2022

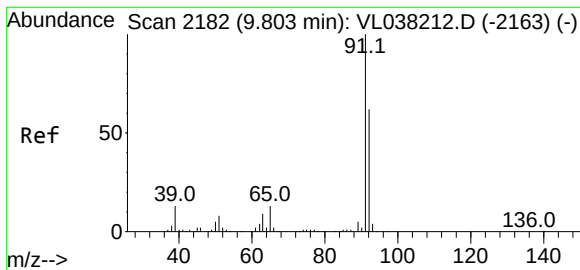


#52
Tetrachloroethene
Concen: 8.087 ppbv
RT: 11.224 min Scan# 2624
Delta R.T. 0.006 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24



Tgt Ion:164 Resp: 478972
Ion Ratio Lower Upper
164 100
166 130.9 95.6 143.4
129 117.3 85.8 128.8
131 110.5 79.3 118.9





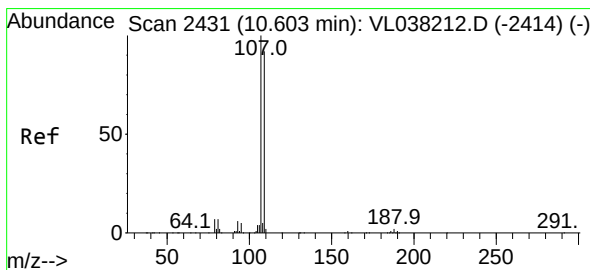
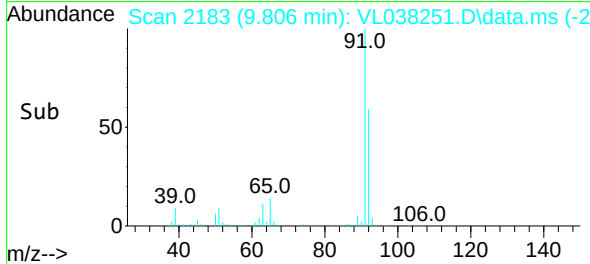
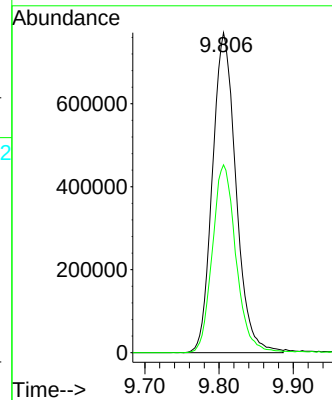
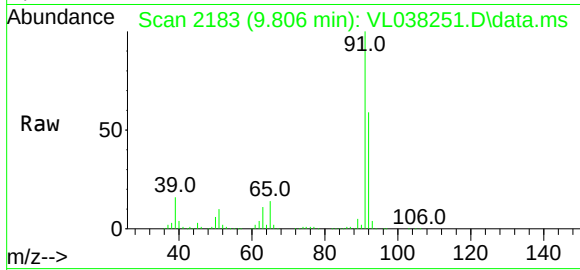
#53
Toluene
Concen: 9.176 ppbv
RT: 9.806 min Scan# 2182
Delta R.T. 0.003 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 1699020
Ion Ratio Lower Upper
91 100
92 58.9 48.9 73.3

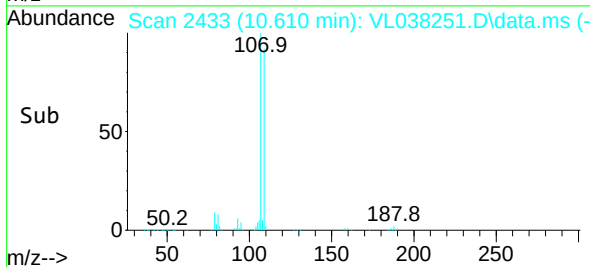
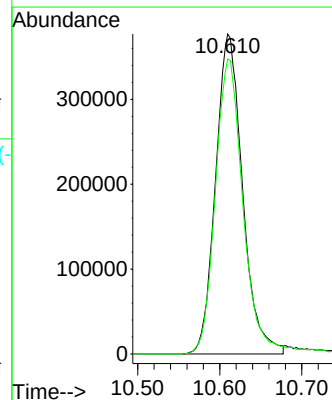
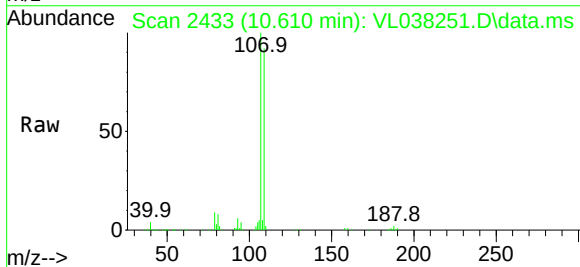
Manual Integrations
APPROVED

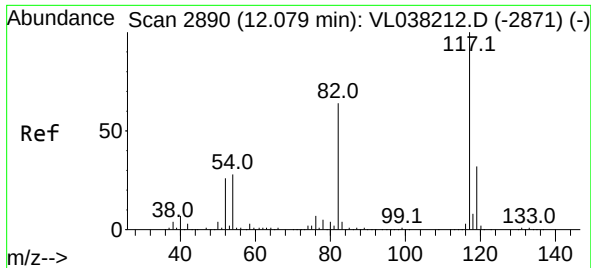
Reviewed By :Semsettin Yesilyurt 01/02/2022
Supervised By :Mahesh Dadoda 01/02/2022



#54
1,2-Dibromoethane
Concen: 9.482 ppbv
RT: 10.610 min Scan# 2433
Delta R.T. 0.006 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

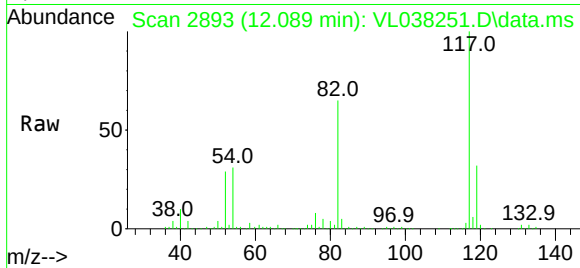
Tgt Ion:107 Resp: 862111
Ion Ratio Lower Upper
107 100
109 92.2 73.3 109.9





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.089 min Scan# 2890
Delta R.T. 0.010 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

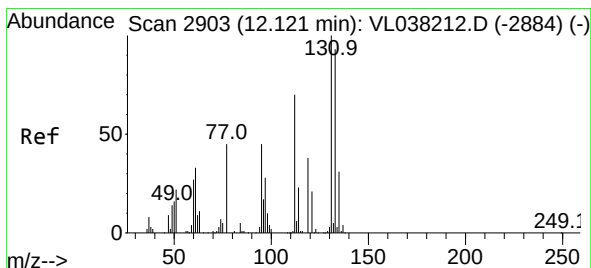
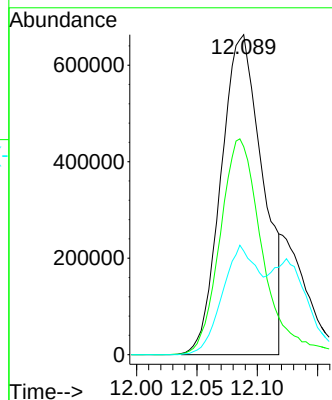
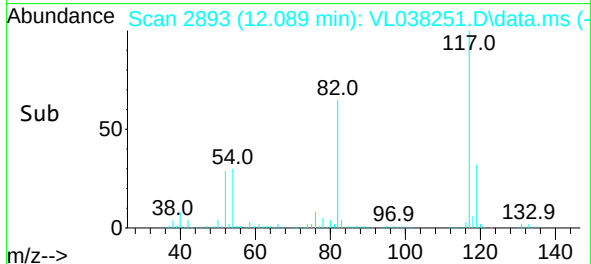
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:117 Resp: 159019
Ion Ratio Lower Upper
117 100
82 70.4 53.3 79.9
119 29.5 25.5 38.3

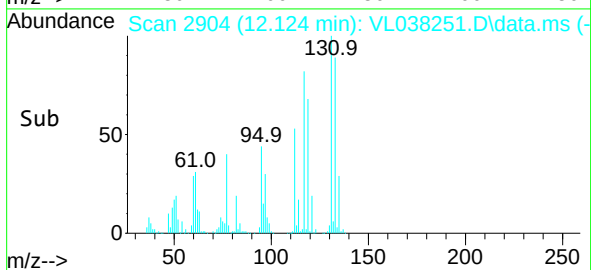
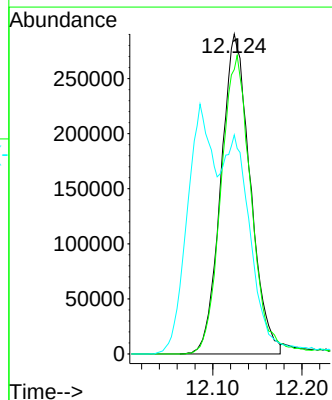
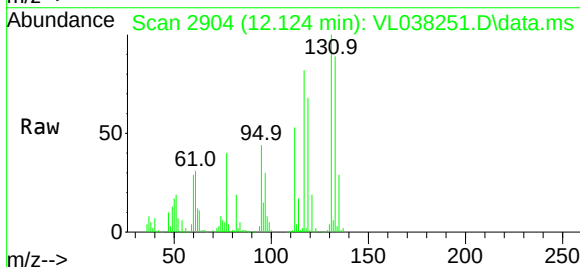
Manual Integrations
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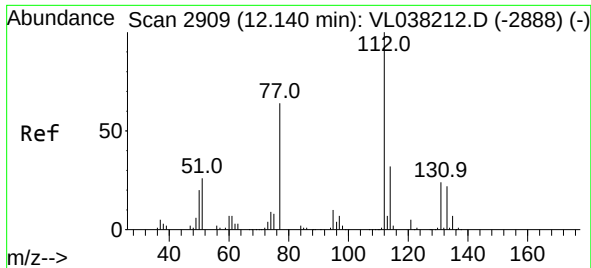
Reviewed By :Semsettin Yesilyurt 01/02/2022
Supervised By :Mahesh Dadoda 01/02/2022



#56
1,1,1,2-Tetrachloroethane
Concen: 10.019 ppbv
RT: 12.124 min Scan# 2904
Delta R.T. 0.003 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion:131 Resp: 662677
Ion Ratio Lower Upper
131 100
133 97.8 77.6 116.4
119 60.6 124.8 187.2#





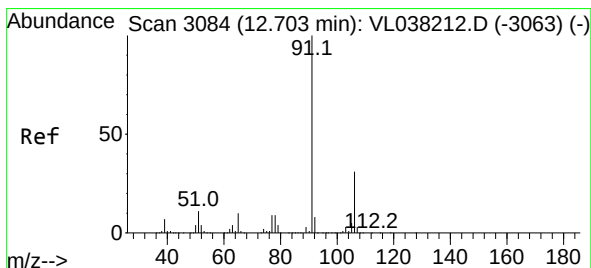
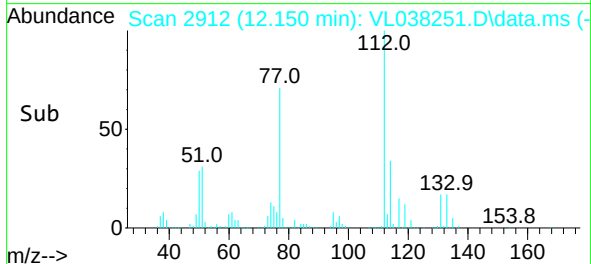
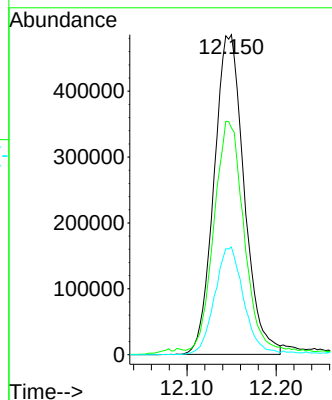
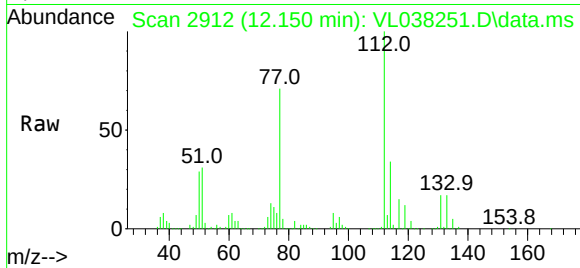
#57
Chlorobenzene
Concen: 8.246 ppbv
RT: 12.150 min Scan# 2909
Delta R.T. 0.010 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 112 Resp: 1137215
Ion Ratio Lower Upper
112 100
77 69.2 50.9 76.3
114 33.7 28.4 34.7

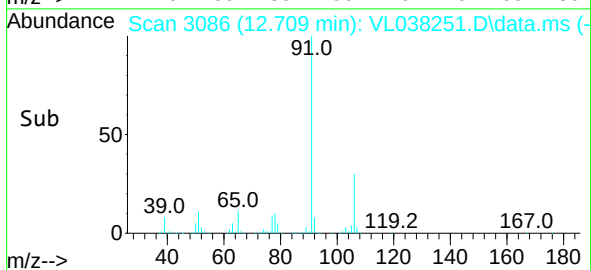
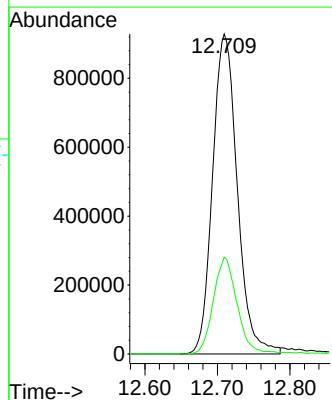
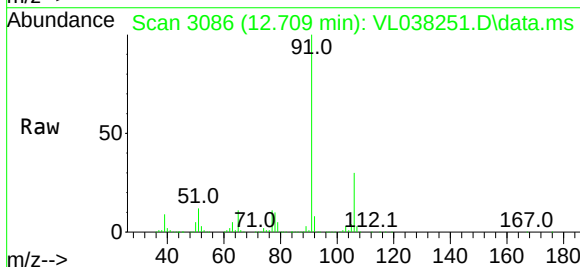
Manual Integrations
APPROVED

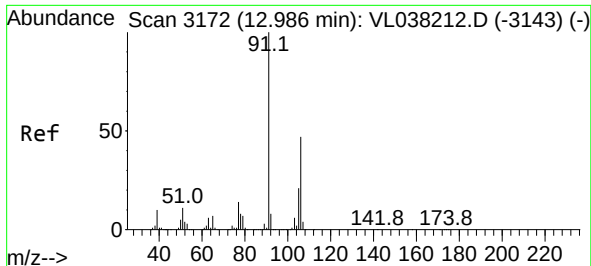
Reviewed By :Semsettin Yesilyurt 01/02/2022
Supervised By :Mahesh Dadoda 01/02/2022



#58
Ethyl Benzene
Concen: 8.901 ppbv
RT: 12.709 min Scan# 3086
Delta R.T. 0.006 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Tgt Ion: 91 Resp: 2196593
Ion Ratio Lower Upper
91 100
106 30.3 25.0 37.4





#59

m/p-Xylene

Concen: 17.800 ppbv m

RT: 12.995 min Scan# 3175

Delta R.T. 0.010 min

Lab File: VL038251.D

Acq: 30 Dec 2021 8:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 3755080

Ion Ratio Lower Upper

91 100

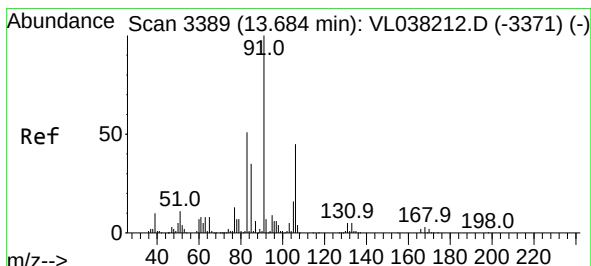
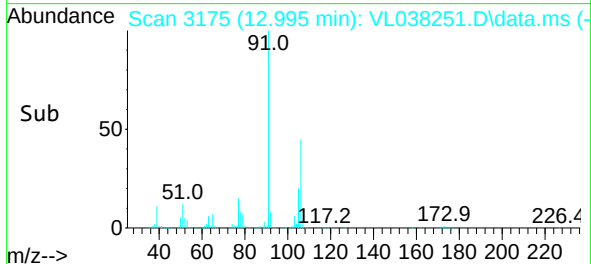
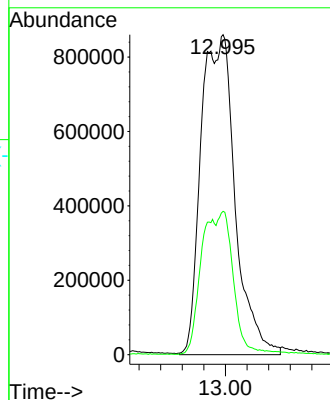
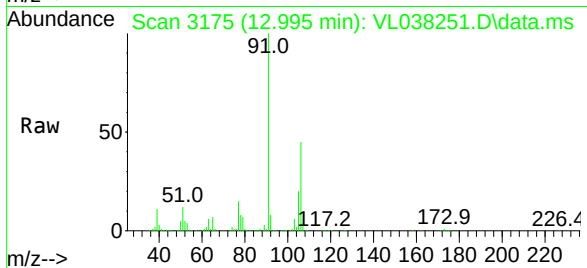
106 42.3 36.9 55.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/02/2022

Supervised By :Mahesh Dadoda 01/02/2022



#60

o-Xylene

Concen: 8.858 ppbv

RT: 13.693 min Scan# 3392

Delta R.T. 0.010 min

Lab File: VL038251.D

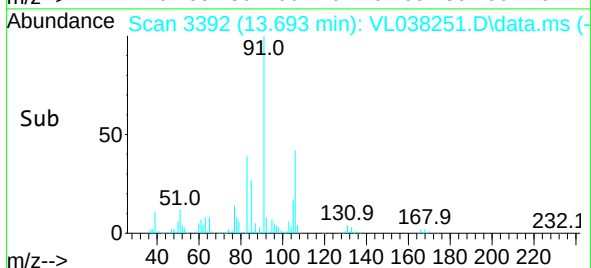
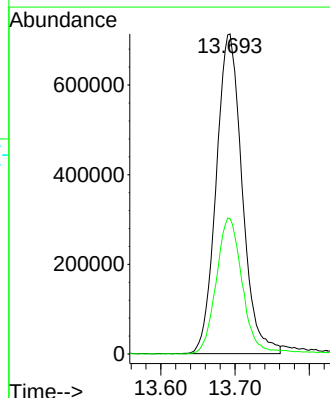
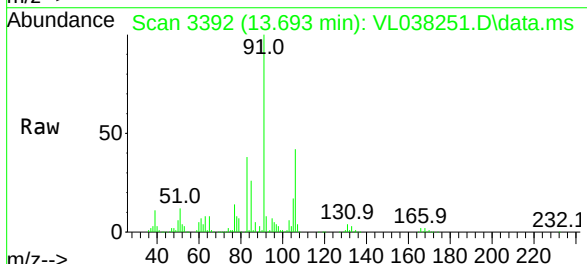
Acq: 30 Dec 2021 8:24

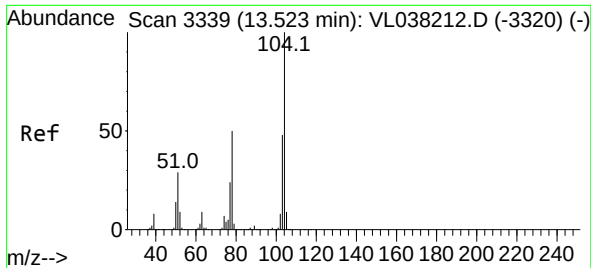
Tgt Ion: 91 Resp: 1732613

Ion Ratio Lower Upper

91 100

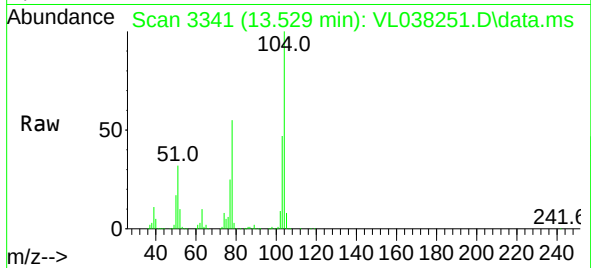
106 44.0 23.5 70.5





#61
Styrene
Concen: 8.708 ppbv
RT: 13.529 min Scan# 3339
Delta R.T. 0.006 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

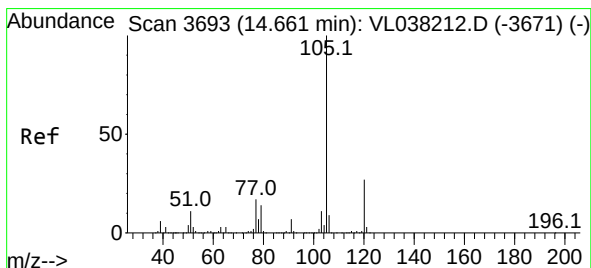
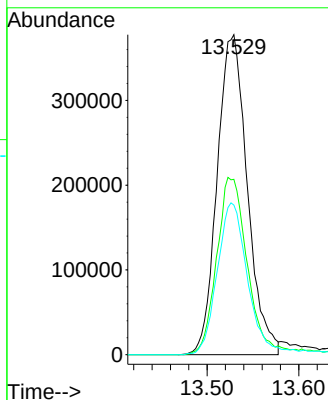
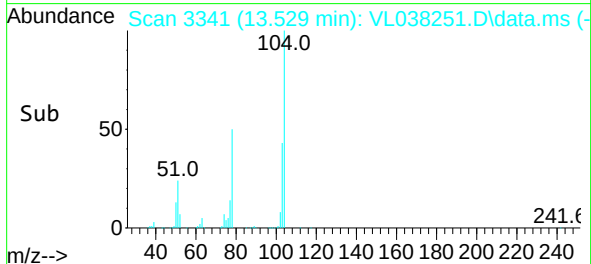
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:104 Resp: 862738
Ion Ratio Lower Upper
104 100
78 57.7 41.0 61.6
103 48.9 38.0 57.0

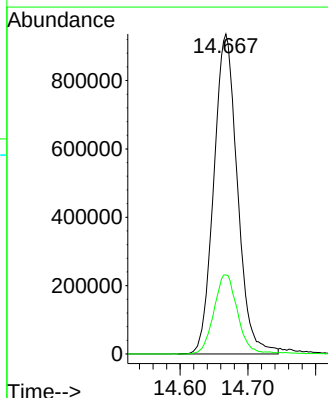
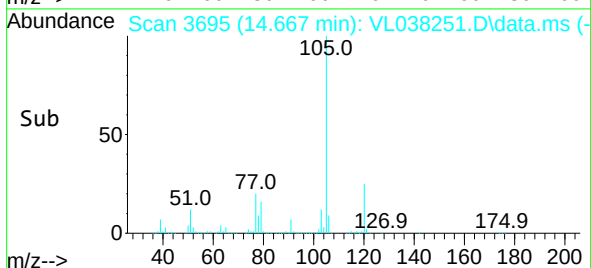
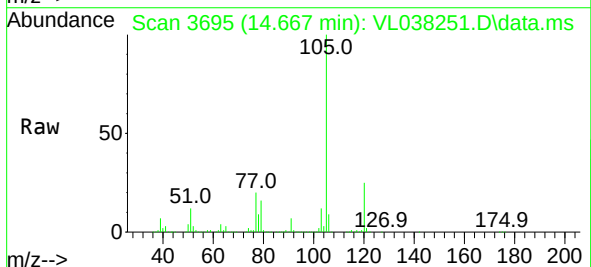
Manual Integrations
APPROVED

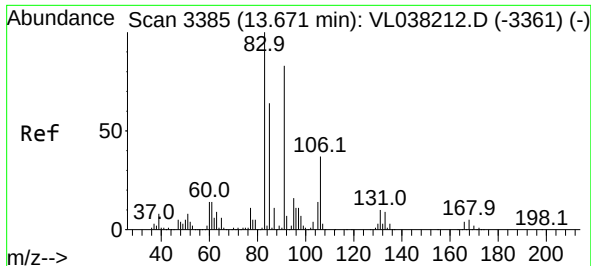
Reviewed By :Semsettin Yesilyurt 01/02/2022
Supervised By :Mahesh Dadoda 01/02/2022



#62
Isopropylbenzene
Concen: 8.247 ppbv
RT: 14.667 min Scan# 3695
Delta R.T. 0.006 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

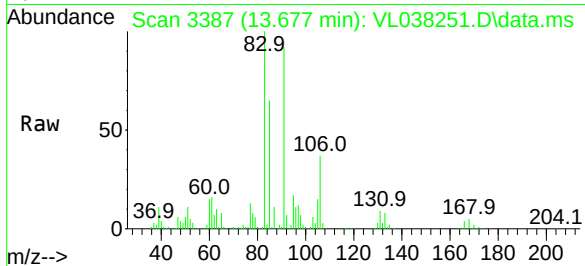
Tgt Ion:105 Resp: 2264750
Ion Ratio Lower Upper
105 100
120 25.2 21.0 31.6





#63
1,1,2,2-Tetrachloroethane
Concen: 8.194 ppbv
RT: 13.677 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

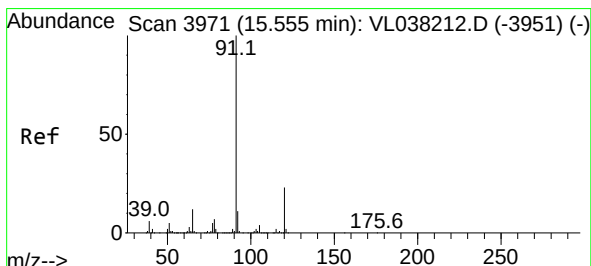
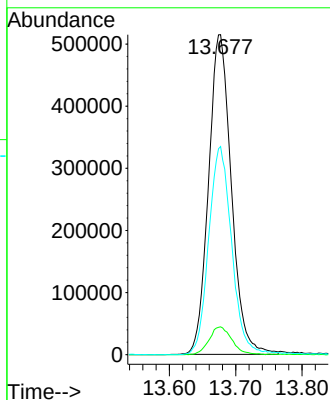
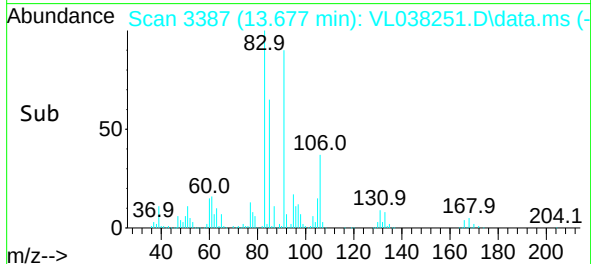
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



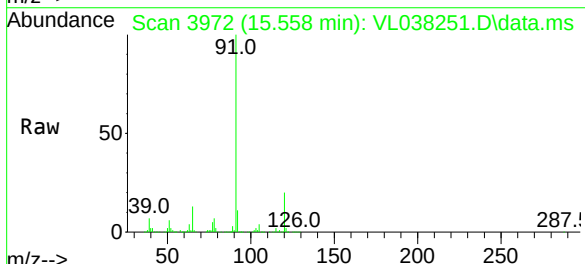
Tgt Ion: 83 Resp: 123248
Ion Ratio Lower Upper
83 100
131 8.9 4.7 14.1
85 66.3 32.9 98.6

Manual Integrations
APPROVED

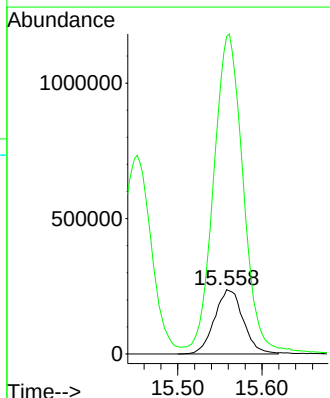
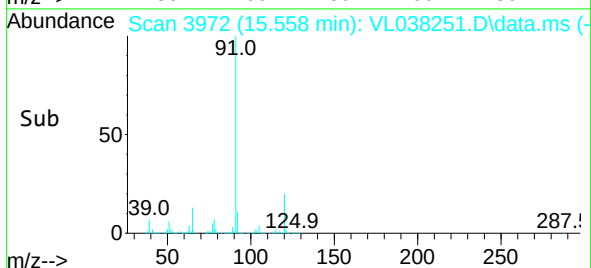
Reviewed By :Semsettin Yesilyurt 01/02/2022
Supervised By :Mahesh Dadoda 01/02/2022

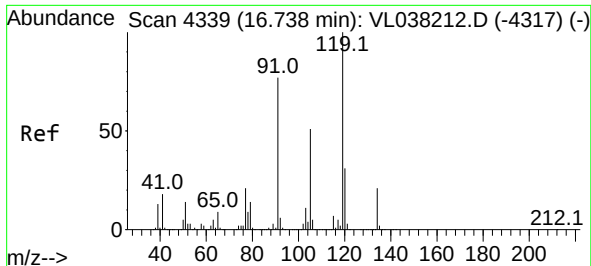


#64
n-propylbenzene
Concen: 8.181 ppbv
RT: 15.558 min Scan# 3972
Delta R.T. 0.003 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24



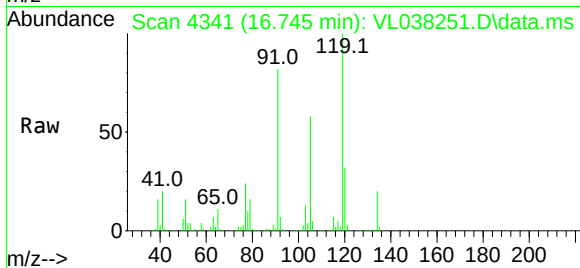
Tgt Ion:120 Resp: 558517
Ion Ratio Lower Upper
120 100
91 516.6 381.5 572.3





#65
tert-Butylbenzene
Concen: 8.154 ppbv
RT: 16.745 min Scan# 41
Delta R.T. 0.006 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

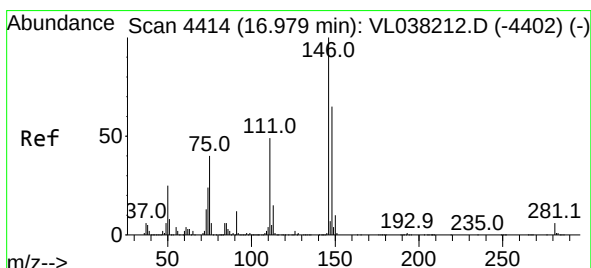
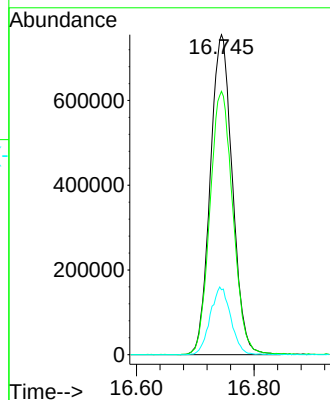
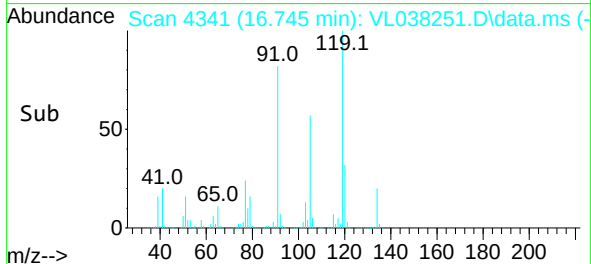
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



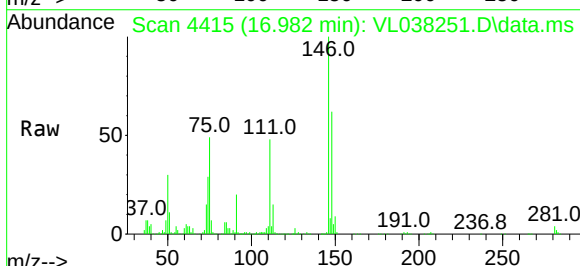
Tgt Ion: 119 Resp: 1970879
Ion Ratio Lower Upper
119 100
91 85.8 63.0 94.4
134 19.8 15.8 23.6

Manual Integrations
APPROVED

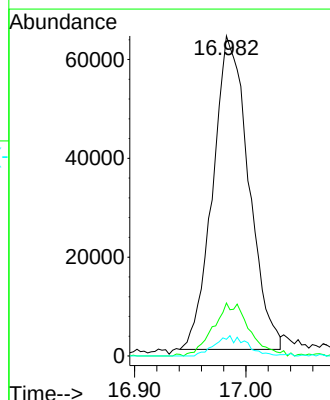
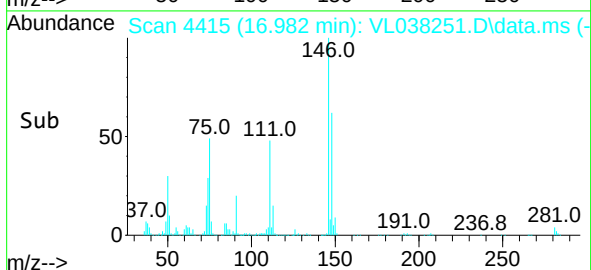
Reviewed By :Semsettin Yesilyurt 01/02/2022
Supervised By :Mahesh Dadoda 01/02/2022

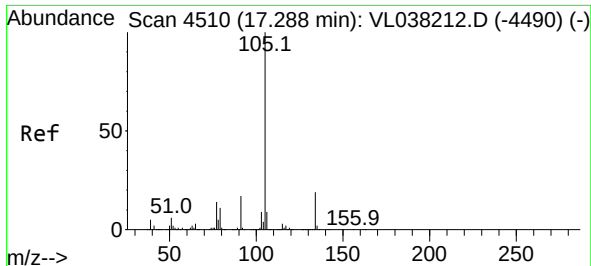


#66
Benzyl Chloride
Concen: 15.745 ppbv
RT: 16.982 min Scan# 4415
Delta R.T. 0.003 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24



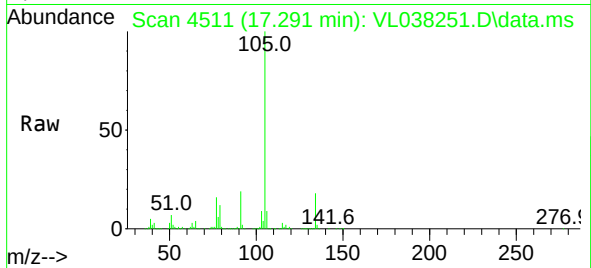
Tgt Ion: 91 Resp: 141847
Ion Ratio Lower Upper
91 100
126 17.2 16.0 24.0
128 6.1 5.0 7.6





#67
 sec-Butylbenzene
 Concen: 8.426 ppbv
 RT: 17.291 min Scan# 4511
 Delta R.T. 0.003 min
 Lab File: VL038251.D
 Acq: 30 Dec 2021 8:24

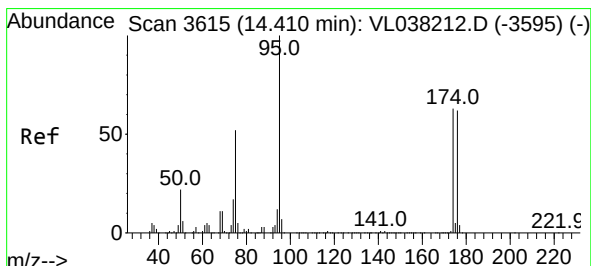
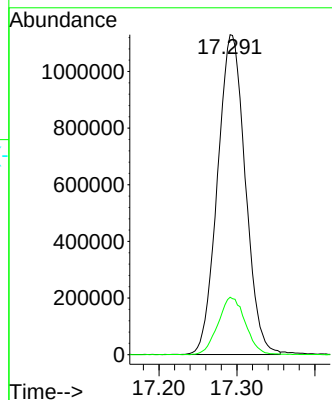
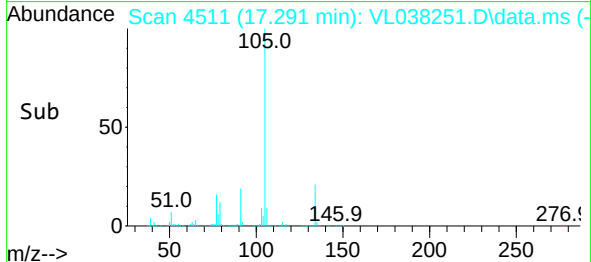
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



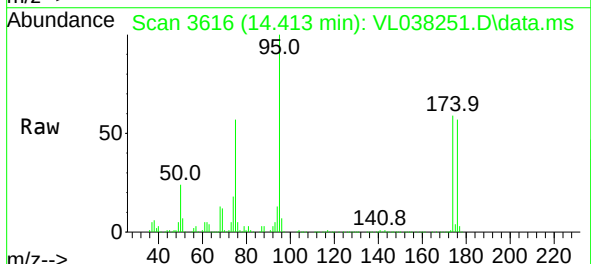
Tgt Ion:105 Resp: 279857
 Ion Ratio Lower Upper
 105 100
 134 17.8 14.6 22.0

Manual Integrations
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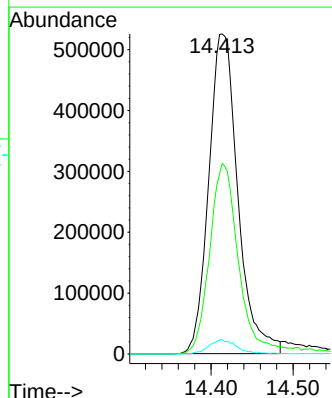
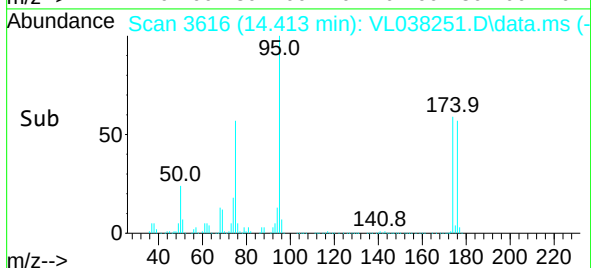
Reviewed By :Semsettin Yesilyurt 01/02/2022
 Supervised By :Mahesh Dadoda 01/02/2022

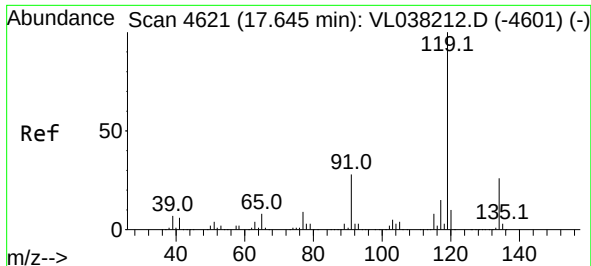


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.603 ppbv
 RT: 14.413 min Scan# 3616
 Delta R.T. 0.003 min
 Lab File: VL038251.D
 Acq: 30 Dec 2021 8:24



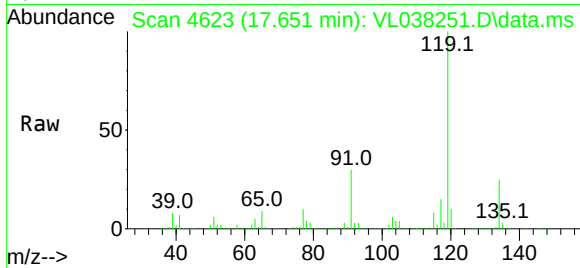
Tgt Ion: 95 Resp: 1299335
 Ion Ratio Lower Upper
 95 100
 174 61.3 54.6 81.8
 175 4.5 4.1 6.1





#69
p-Isopropyltoluene
Concen: 8.573 ppbv
RT: 17.651 min Scan# 4621
Delta R.T. 0.006 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

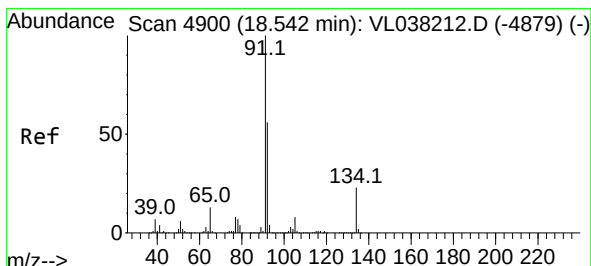
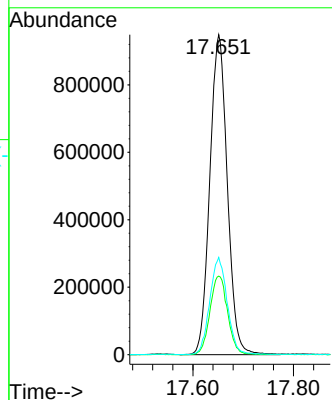
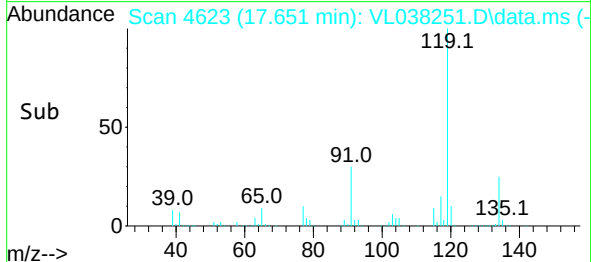
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



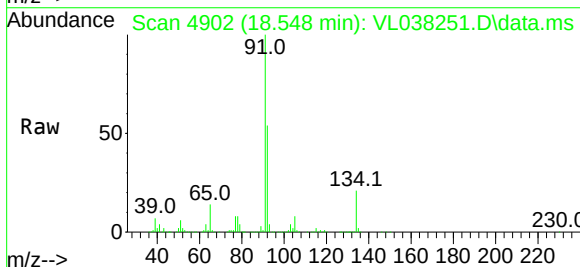
Tgt Ion: 119 Resp: 229013
Ion Ratio Lower Upper
119 100
134 24.9 20.4 30.6
91 30.5 22.4 33.6

Manual Integrations
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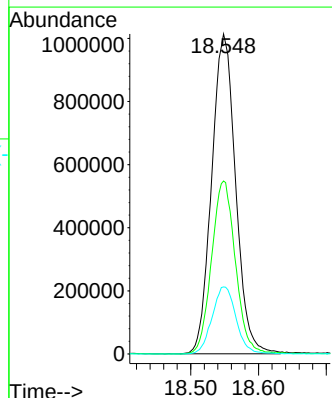
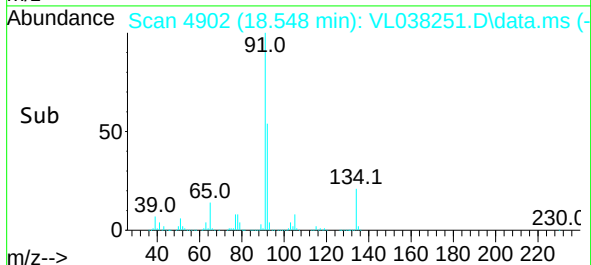
Reviewed By :Semsettin Yesilyurt 01/02/2022
Supervised By :Mahesh Dadoda 01/02/2022

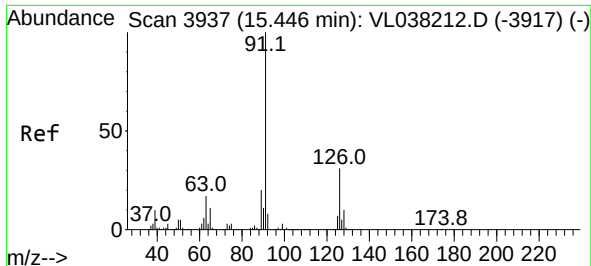


#70
n-Butylbenzene
Concen: 9.816 ppbv
RT: 18.548 min Scan# 4902
Delta R.T. 0.006 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24



Tgt Ion: 91 Resp: 2492978
Ion Ratio Lower Upper
91 100
92 54.0 44.0 66.0
134 21.1 18.5 27.7





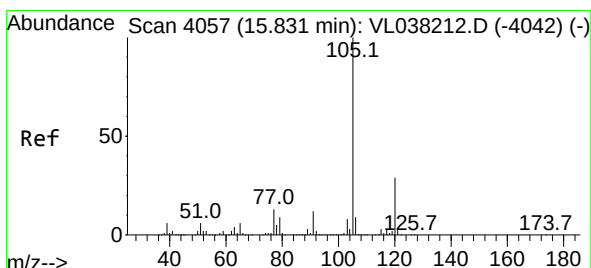
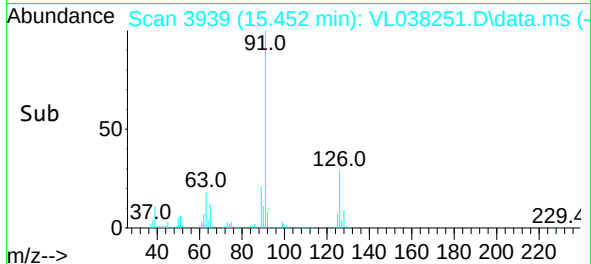
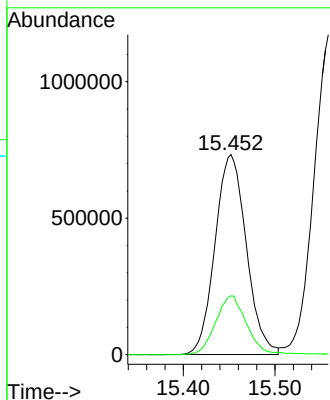
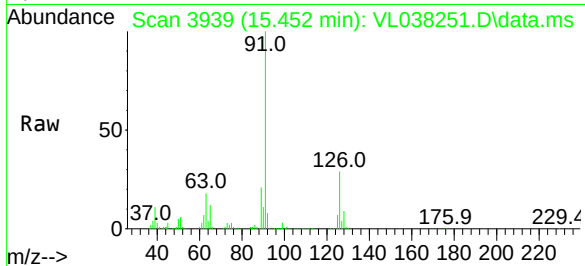
#71
2-Chlorotoluene
Concen: 8.502 ppbv
RT: 15.452 min Scan# 3939
Delta R.T. 0.006 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 1737780
Ion Ratio Lower Upper
91 100
126 29.7 12.8 51.0

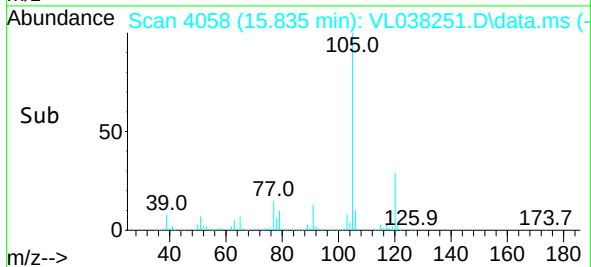
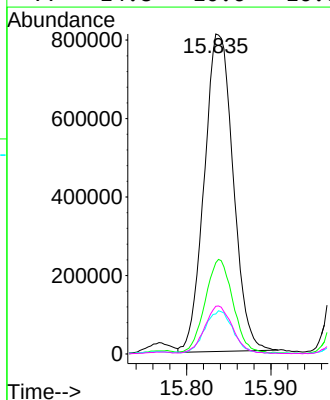
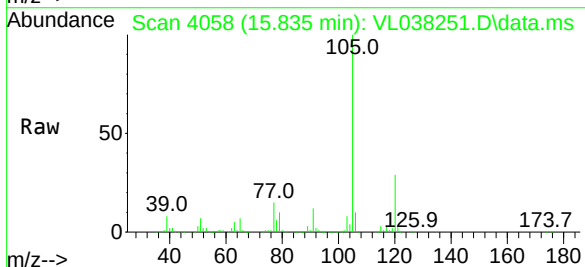
Manual Integrations
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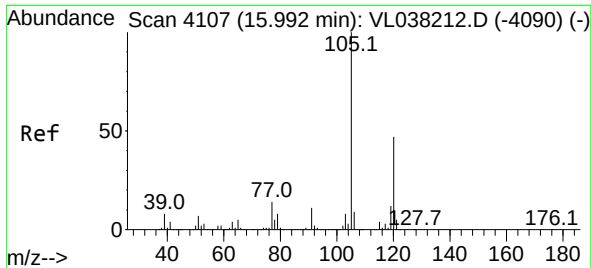
Reviewed By :Semsettin Yesilyurt 01/02/2022
Supervised By :Mahesh Dadoda 01/02/2022



#72
4-Ethyltoluene
Concen: 8.558 ppbv
RT: 15.835 min Scan# 4058
Delta R.T. 0.003 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

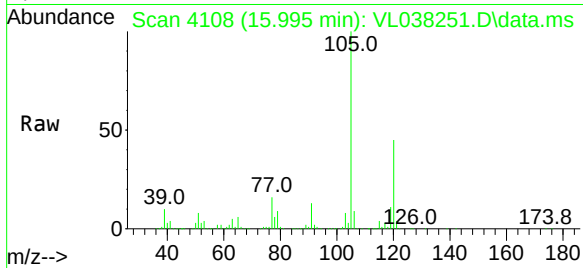
Tgt Ion:105 Resp: 1927658
Ion Ratio Lower Upper
105 100
120 29.2 24.3 36.5
91 13.4 9.8 14.6
77 14.8 10.6 16.0





#73
 1,3,5-Trimethylbenzene
 Concen: 8.676 ppbv
 RT: 15.995 min Scan# 4107
 Delta R.T. 0.003 min
 Lab File: VL038251.D
 Acq: 30 Dec 2021 8:24

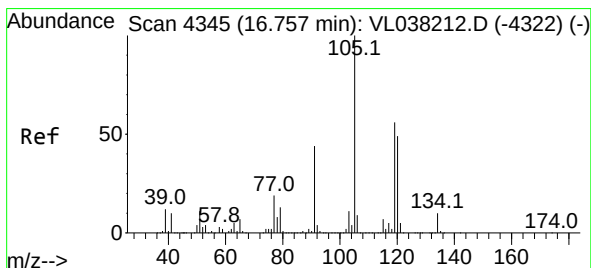
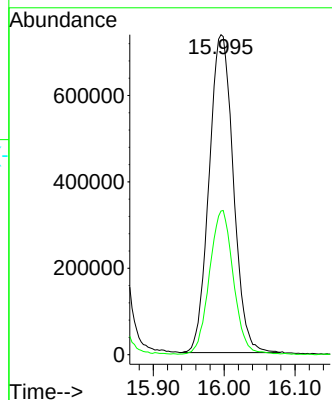
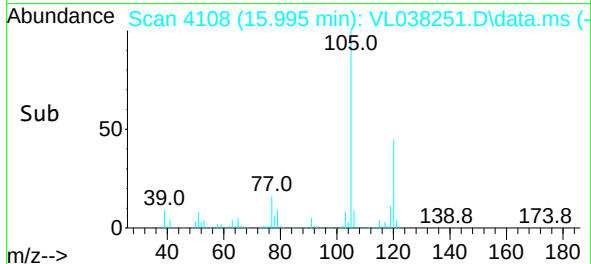
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



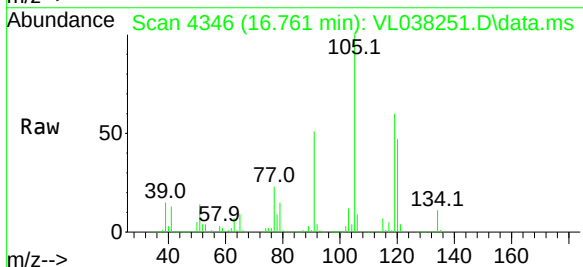
Tgt Ion:105 Resp: 174890
 Ion Ratio Lower Upper
 105 100
 120 45.0 37.3 55.9

Manual Integrations
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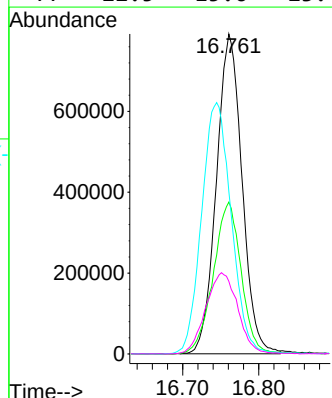
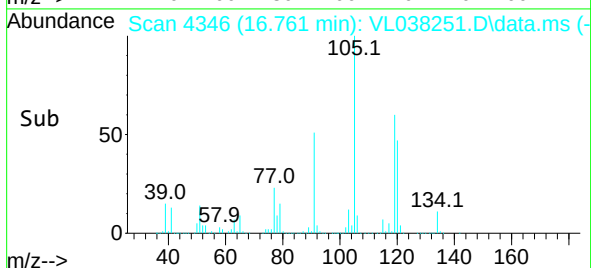
Reviewed By :Semsettin Yesilyurt 01/02/2022
 Supervised By :Mahesh Dadoda 01/02/2022

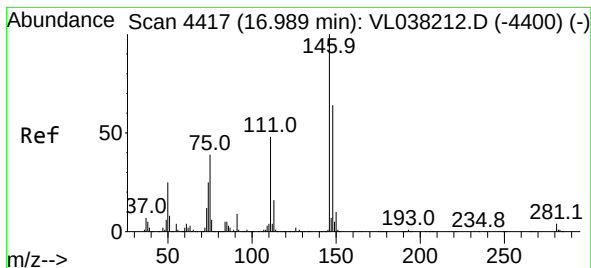


#74
 1,2,4-Trimethylbenzene
 Concen: 8.757 ppbv
 RT: 16.761 min Scan# 4346
 Delta R.T. 0.003 min
 Lab File: VL038251.D
 Acq: 30 Dec 2021 8:24



Tgt Ion:105 Resp: 1853857
 Ion Ratio Lower Upper
 105 100
 120 47.3 39.4 59.2
 91 50.4 35.0 52.4
 77 22.5 15.6 23.4





#75

1,3-Dichlorobenzene

Concen: 9.131 ppbv

RT: 16.992 min Scan# 4418

Delta R.T. 0.003 min

Lab File: VL038251.D

Acq: 30 Dec 2021 8:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 104418

Ion Ratio Lower Upper

146 100

111 48.7 23.8 71.4

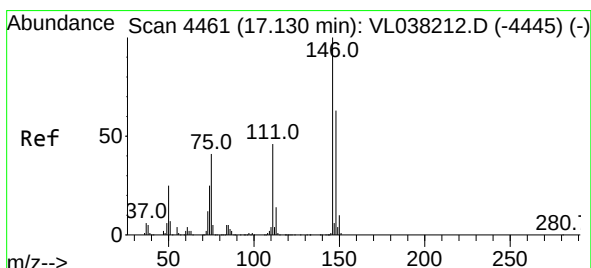
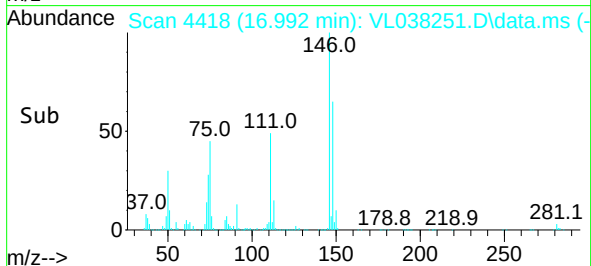
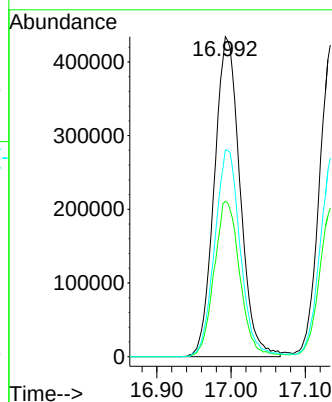
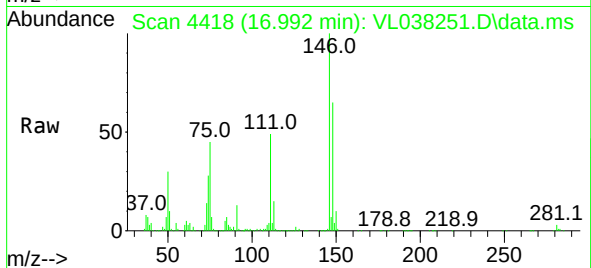
148 64.6 32.3 96.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 01/02/2022

Supervised By :Mahesh Dadoda 01/02/2022



#76

1,4-Dichlorobenzene

Concen: 8.922 ppbv

RT: 17.137 min Scan# 4463

Delta R.T. 0.006 min

Lab File: VL038251.D

Acq: 30 Dec 2021 8:24

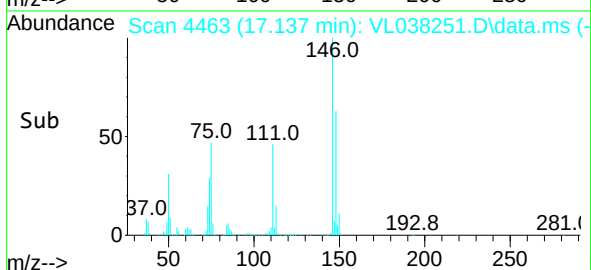
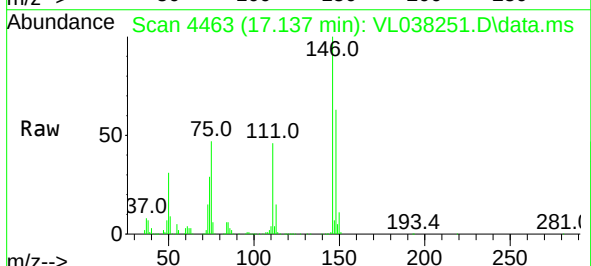
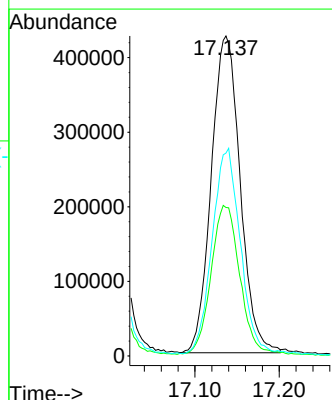
Tgt Ion:146 Resp: 1012345

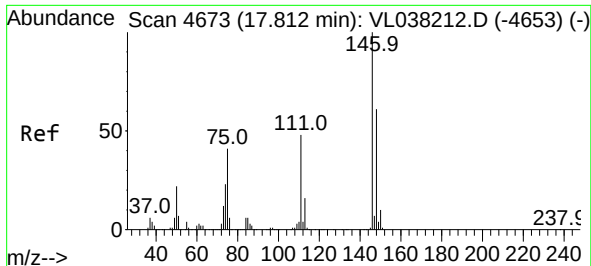
Ion Ratio Lower Upper

146 100

111 47.9 23.6 71.0

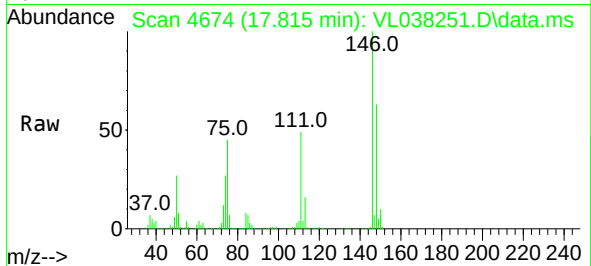
148 65.9 33.1 99.5





#77
1,2-Dichlorobenzene
Concen: 9.343 ppbv
RT: 17.815 min Scan# 4673
Delta R.T. 0.003 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24

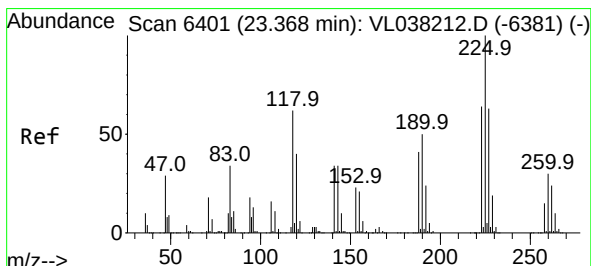
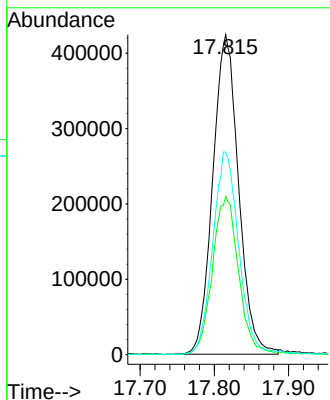
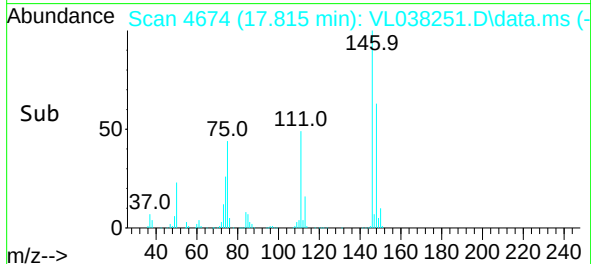
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



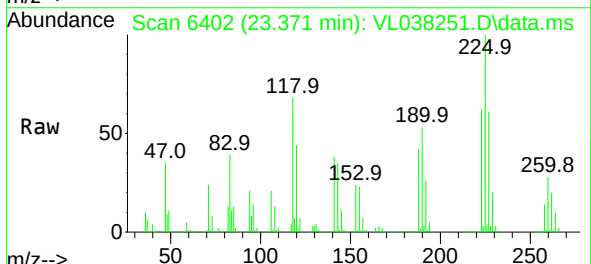
Tgt Ion:146 Resp: 1022954
Ion Ratio Lower Upper
146 100
111 50.8 24.9 74.7
148 64.4 32.1 96.3

Manual Integrations
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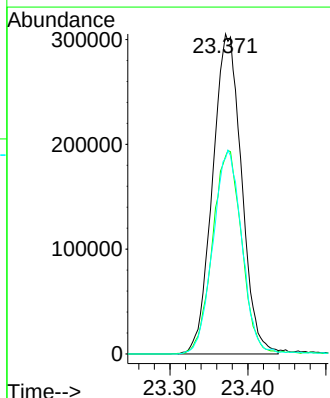
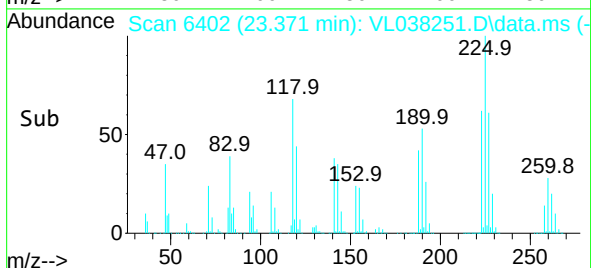
Reviewed By :Semsettin Yesilyurt 01/02/2022
Supervised By :Mahesh Dadoda 01/02/2022

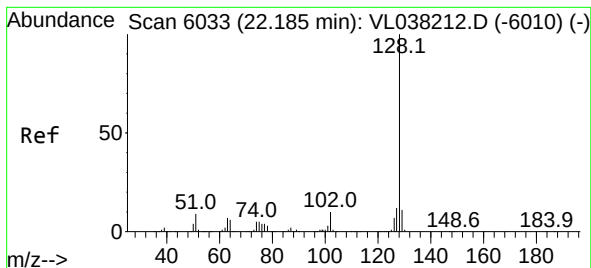


#78
Hexachloro-1,3-Butadiene
Concen: 11.662 ppbv
RT: 23.371 min Scan# 6402
Delta R.T. 0.003 min
Lab File: VL038251.D
Acq: 30 Dec 2021 8:24



Tgt Ion:225 Resp: 787922
Ion Ratio Lower Upper
225 100
223 64.8 51.5 77.3
227 63.9 51.9 77.9





#79

Naphthalene

Concen: 14.367 ppbv

RT: 22.191 min Scan# 6033

Delta R.T. 0.006 min

Lab File: VL038251.D

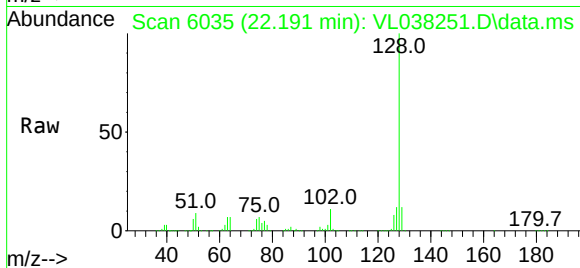
Acq: 30 Dec 2021 8:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:128 Resp: 1571284

Ion Ratio Lower Upper

128 100

127 12.5 9.6 14.4

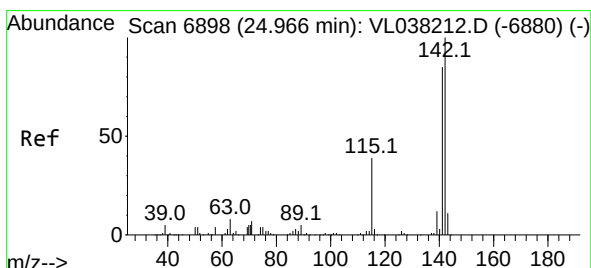
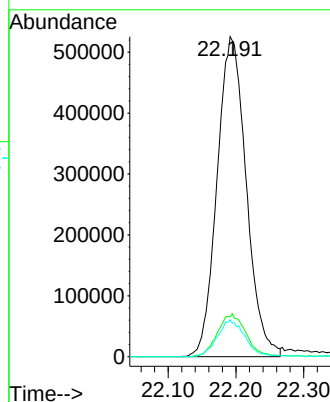
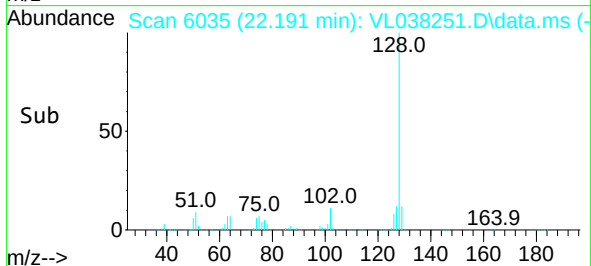
129 11.5 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 01/02/2022

Supervised By :Mahesh Dadoda 01/02/2022



#80

Naphthalene,2-methyl-

Concen: 11.462 ppbv

RT: 24.973 min Scan# 6900

Delta R.T. 0.006 min

Lab File: VL038251.D

Acq: 30 Dec 2021 8:24

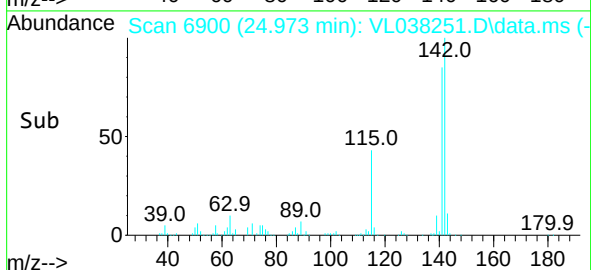
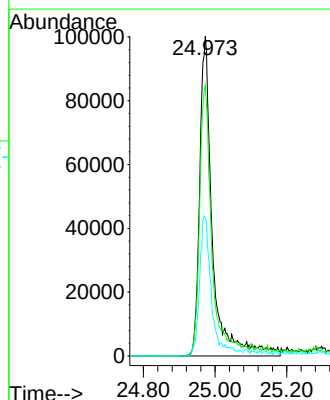
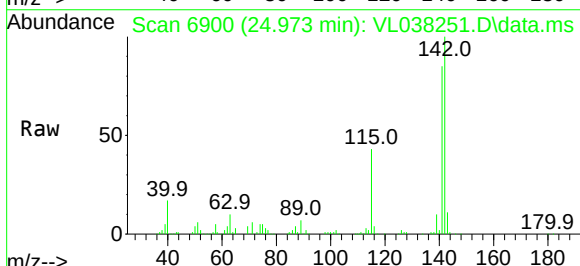
Tgt Ion:142 Resp: 248724

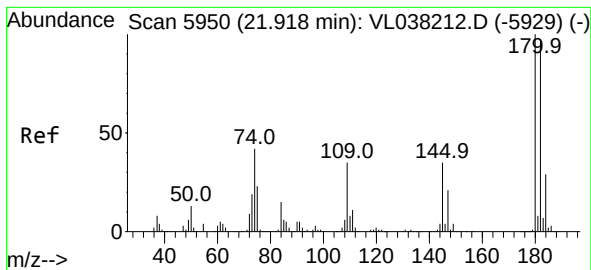
Ion Ratio Lower Upper

142 100

141 81.1 66.7 100.1

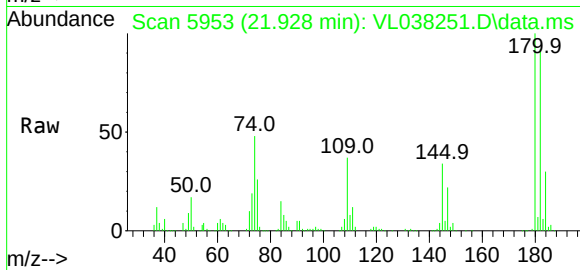
115 40.8 29.4 44.0





#81
 1,2,4-Trichlorobenzene
 Concen: 13.034 ppbv
 RT: 21.928 min Scan# 5953
 Delta R.T. 0.010 min
 Lab File: VL038251.D
 Acq: 30 Dec 2021 8:24

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 815170
 Ion Ratio Lower Upper
 180 100
 182 95.5 78.2 117.2
 184 30.5 25.7 38.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/02/2022
 Supervised By :Mahesh Dadoda 01/02/2022

