

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061322\
 Data File : VL039253.D
 Acq On : 13 Jun 2022 12:34
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/14/2022
 Supervised By : Mahesh Dadoda 06/16/2022

Quant Time: Jun 14 01:31:07 2022

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

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

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

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.674	49	1384402	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.179	114	3154796	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.089	117	2880155m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.417 95 2744890 11.528 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 115.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.057	85	2675372	11.002	ppbv	98
3) Chlorodifluoromethane	2.996	51	1769113	10.043	ppbv	97
4) Chloromethane	3.150	50	896510	9.908	ppbv	98
5) Vinyl Chloride	3.263	62	925967	10.947	ppbv	100
6) Bromomethane	3.481	94	416327	10.006	ppbv	96
7) Chloroethane	3.565	64	358855	12.176	ppbv	97
8) Dichlorotetrafluoroethane	3.195	85	2361024	10.624	ppbv	100
9) Propene	3.018	41	650405	8.468	ppbv	98
10) Heptane	8.128	43	1530604	8.542	ppbv	99
11) Trichlorofluoromethane	3.957	101	2591863	11.775	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.491	101	1701311	11.688	ppbv	99
13) Ethanol	3.607	45	48302m	11.531	ppbv	
14) Bromoethene	3.748	108	701819	10.725	ppbv #	92
15) Acetone	3.854	43	1603888	11.122	ppbv	98
16) 1,3-Butadiene	3.334	39	859754	11.090	ppbv	99
17) tert-Butyl alcohol	4.285	59	1397267	12.492	ppbv	99
18) 1,1-Dichloroethene	4.295	96	779676	11.940	ppbv	87
19) Isopropyl Alcohol	3.967	45	823583	12.176	ppbv #	98
20) Methylene Chloride	4.353	84	637045	10.482	ppbv	98
21) Allyl Chloride	4.417	41	1119435	11.507	ppbv	96
22) trans-1,2-Dichloroethene	4.893	96	815605	12.982	ppbv	92
23) Vinyl Acetate	5.076	43	1321329	11.074	ppbv	99
24) 1,1-Dichloroethane	5.015	63	1555633	9.516	ppbv	97
25) Ethyl Acetate	5.681	43	3021325	9.296	ppbv	99
26) Hexane	5.694	57	1277080	8.941	ppbv	95
27) Carbon Disulfide	4.555	76	1838552	12.419	ppbv	100
28) Methyl tert-Butyl Ether	5.038	73	1524892	9.670	ppbv	99
29) Chloroform	5.758	83	2317735	9.643	ppbv	100
30) Cyclohexane	7.140	84	1017860	8.483	ppbv	98
31) cis-1,2-Dichloroethene	5.552	61	1422373	9.766	ppbv	93
32) 1,1,1-Trichloroethane	6.520	97	2468397	10.495	ppbv	99
34) 2-Butanone	5.247	43	1852415	10.808	ppbv	99
35) Carbon Tetrachloride	7.025	117	2643623	11.481	ppbv	99
36) Benzene	6.899	78	2431099	9.492	ppbv	97
37) 1,2-Dichloroethane	6.311	62	1977118	11.729	ppbv	97
38) Trichloroethene	7.841	130	1241459	10.553	ppbv	96
39) 1,2-Dichloropropane	7.616	63	961309	9.436	ppbv	91
40) 1,4-Dioxane	7.835	88	341384	10.179	ppbv #	1
41) Tetrahydrofuran	6.050	42	989663	9.601	ppbv	100
42) Bromodichloromethane	7.796	83	2599089	11.110	ppbv	95
43) Methyl Methacrylate	8.018	69	1040647	10.431	ppbv	96
44) 2,2,4-Trimethylpentane	7.874	57	4265059	9.519	ppbv	96
45) t-1,3-Dichloropropene	9.282	75	1166610	11.228	ppbv	96

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Manual Integrations
 APPROVED

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Quant Time: Jun 14 01:31:07 2022

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

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

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

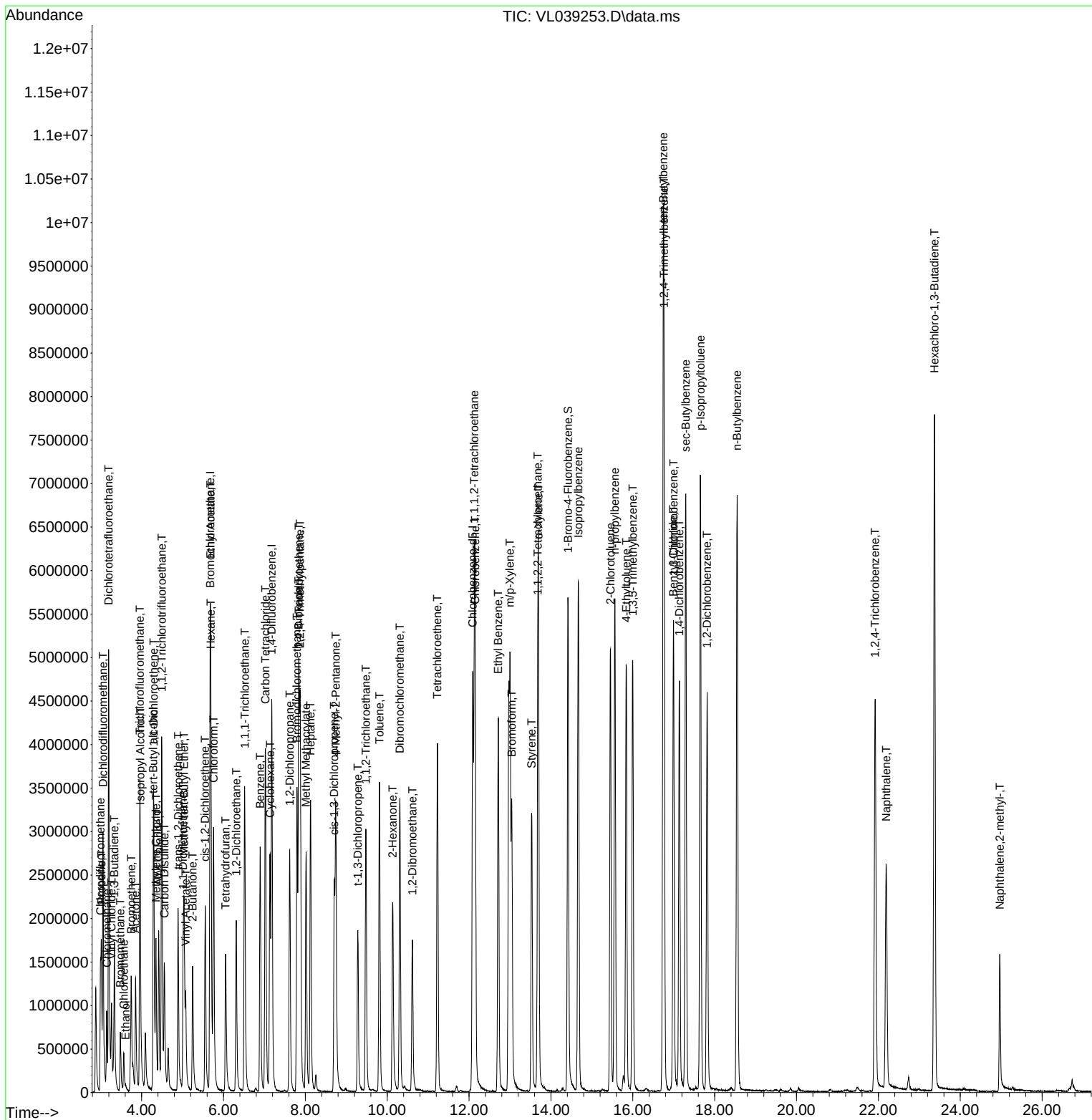
Response via : Initial Calibration

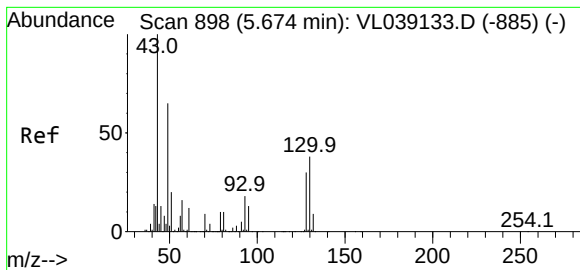
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.706	75	1425057	10.382	ppbv	91
47) 1,1,2-Trichloroethane	9.478	97	1029560	9.687	ppbv	98
48) Dibromochloromethane	10.308	129	2089145	11.008	ppbv	99
49) Bromoform	13.044	173	1718269	10.865	ppbv	98
50) 4-Methyl-2-Pentanone	8.742	43	2695462	10.506	ppbv	99
51) 2-Hexanone	10.134	43	2126471	10.652	ppbv #	94
52) Tetrachloroethene	11.227	164	903416	9.034	ppbv	90
53) Toluene	9.812	91	2879272	9.763	ppbv	97
54) 1,2-Dibromoethane	10.616	107	1459735	10.221	ppbv	93
56) 1,1,1,2-Tetrachloroethane	12.131	131	1426366	10.466	ppbv	97
57) Chlorobenzene	12.153	112	2145449	9.900	ppbv	99
58) Ethyl Benzene	12.713	91	3997851	10.077	ppbv	97
59) m/p-Xylene	12.999	91	7196922m	20.600	ppbv	
60) o-Xylene	13.696	91	3507111	10.683	ppbv	97
61) Styrene	13.529	104	1829475	10.407	ppbv	96
62) Isopropylbenzene	14.671	105	5086884	10.426	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.677	83	1791795	9.724	ppbv	99
64) n-propylbenzene	15.561	120	1264182	10.540	ppbv	97
65) tert-Butylbenzene	16.745	119	4696154	10.525	ppbv	95
66) Benzyl Chloride	16.989	91	551081	9.499	ppbv	97
67) sec-Butylbenzene	17.291	105	6459838	10.611	ppbv	100
69) p-Isopropyltoluene	17.651	119	5439139	10.590	ppbv	97
70) n-Butylbenzene	18.548	91	5820946	11.041	ppbv	99
71) 2-Chlorotoluene	15.455	91	3895994	10.471	ppbv	97
72) 4-Ethyltoluene	15.841	105	4175170	10.852	ppbv	97
73) 1,3,5-Trimethylbenzene	15.999	105	3788275	10.916	ppbv	97
74) 1,2,4-Trimethylbenzene	16.764	105	4191172	10.822	ppbv	95
75) 1,3-Dichlorobenzene	16.995	146	2294338	10.467	ppbv	99
76) 1,4-Dichlorobenzene	17.137	146	2225026	10.174	ppbv	98
77) 1,2-Dichlorobenzene	17.815	146	2222972	10.062	ppbv	99
78) Hexachloro-1,3-Butadiene	23.368	225	1889565	9.353	ppbv	99
79) Naphthalene	22.191	128	3371721	11.310	ppbv	98
80) Naphthalene,2-methyl-	24.966	142	944194	8.525	ppbv #	90
81) 1,2,4-Trichlorobenzene	21.918	180	1959288	10.374	ppbv #	100

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

Manual Integrations APPROVED

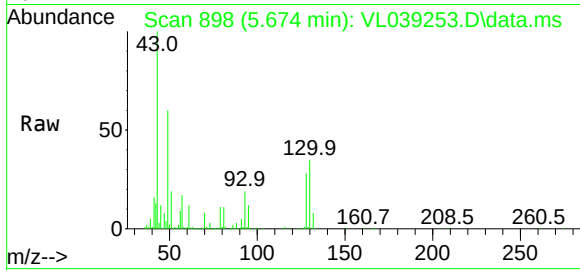
Quant Time: Jun 14 01:31:07 2022
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 898
Delta R.T. 0.000 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

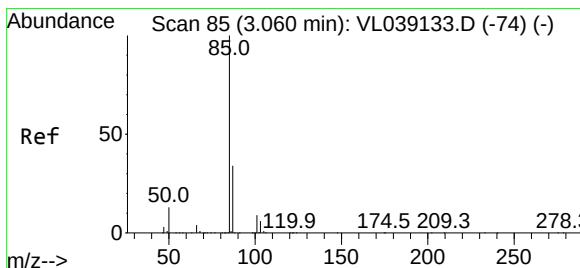
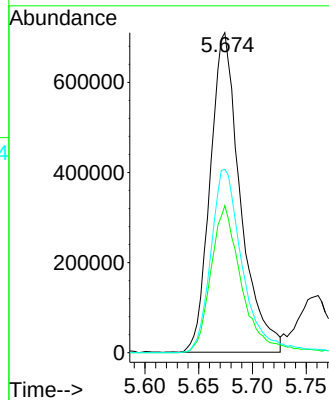
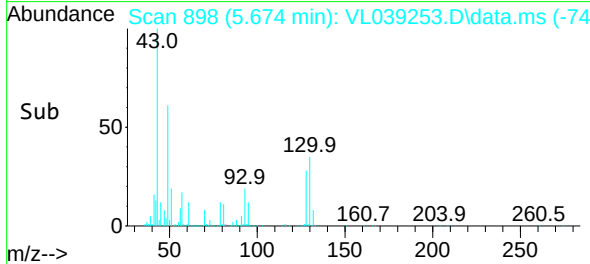
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



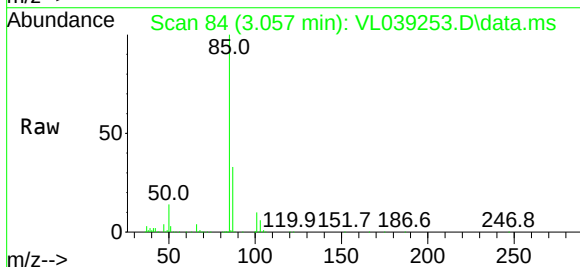
Tgt Ion: 49 Resp: 1384402
Ion Ratio Lower Upper
49 100
128 47.8 24.7 74.1
130 61.4 31.4 94.0

Manual Integrations
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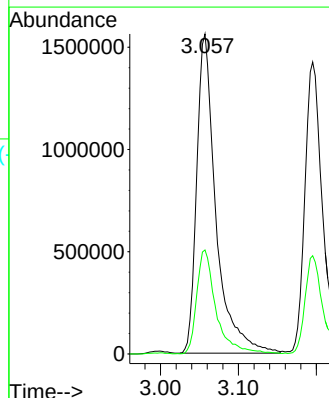
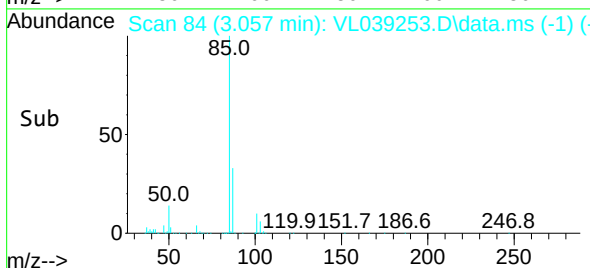
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

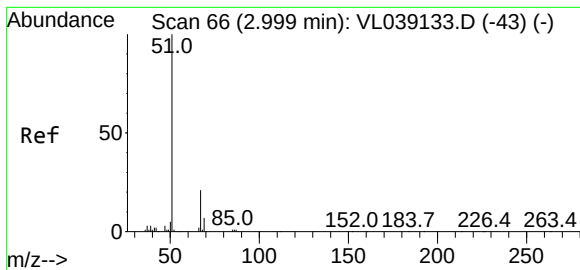


#2
Dichlorodifluoromethane
Concen: 11.002 ppbv
RT: 3.057 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34



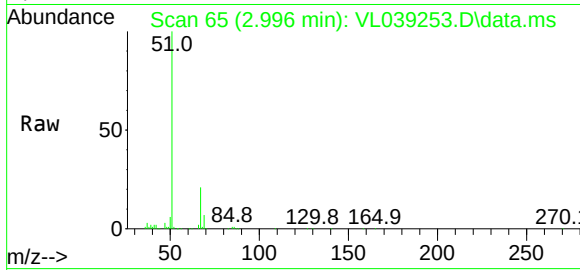
Tgt Ion: 85 Resp: 2675372
Ion Ratio Lower Upper
85 100
87 32.5 26.9 40.3





#3
Chlorodifluoromethane
Concen: 10.043 ppbv
RT: 2.996 min Scan# 66
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

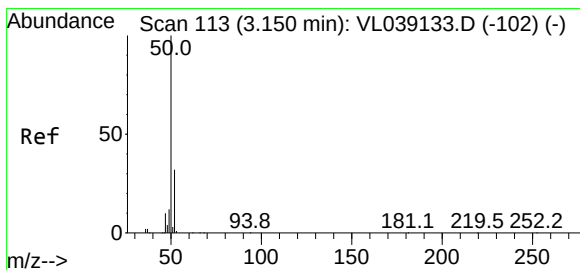
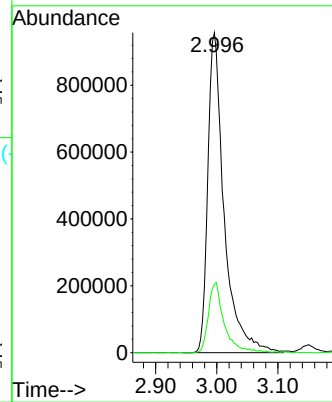
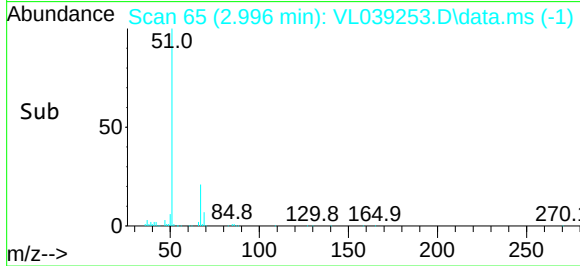
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



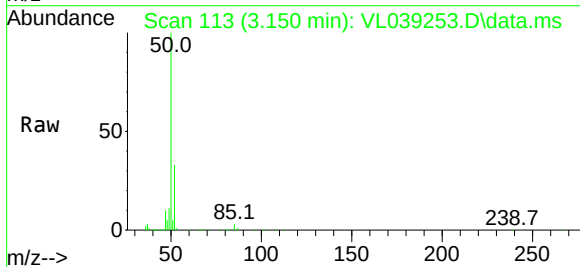
Tgt Ion: 51 Resp: 176911
Ion Ratio Lower Upper
51 100
67 21.5 16.2 24.4

Manual Integrations
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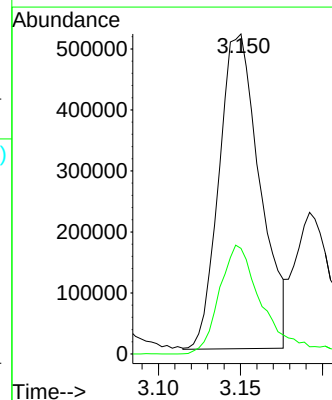
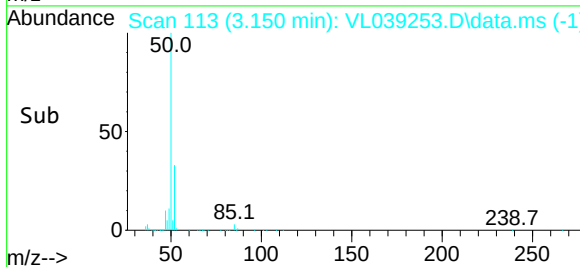
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

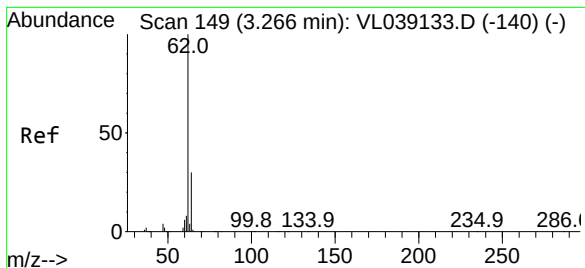


#4
Chloromethane
Concen: 9.908 ppbv
RT: 3.150 min Scan# 113
Delta R.T. 0.000 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34



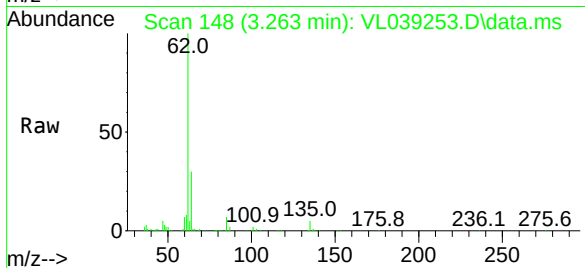
Tgt Ion: 50 Resp: 896510
Ion Ratio Lower Upper
50 100
52 33.5 25.9 38.9





#5
 Vinyl Chloride
 Concen: 10.947 ppbv
 RT: 3.263 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VL039253.D
 Acq: 13 Jun 2022 12:34

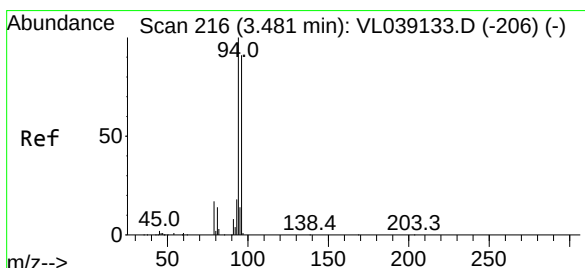
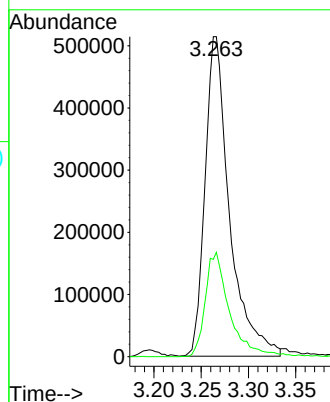
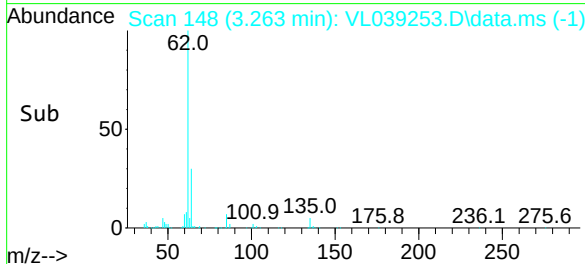
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 62 Resp: 92596
 Ion Ratio Lower Upper
 62 100
 64 30.5 24.2 36.2

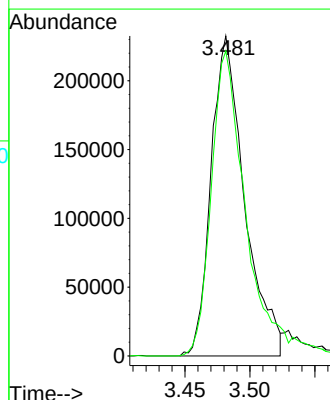
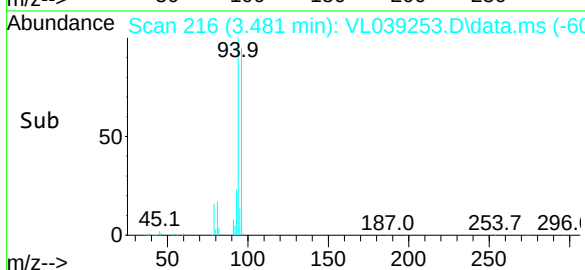
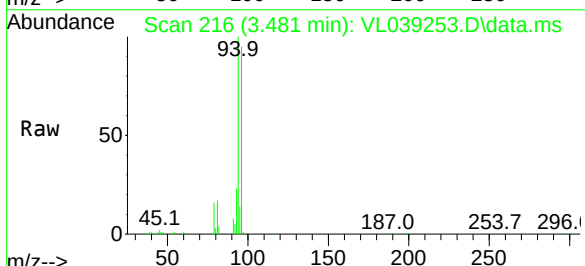
Manual Integrations
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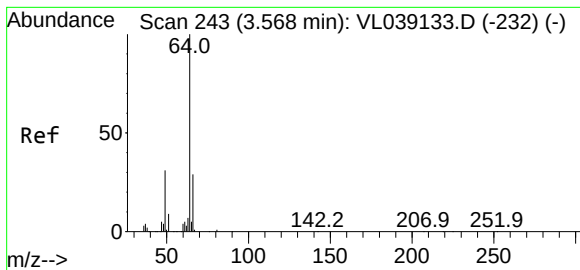
Reviewed By :Semsettin Yesilyurt 06/14/2022
 Supervised By :Mahesh Dadoda 06/16/2022



#6
 Bromomethane
 Concen: 10.006 ppbv
 RT: 3.481 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VL039253.D
 Acq: 13 Jun 2022 12:34

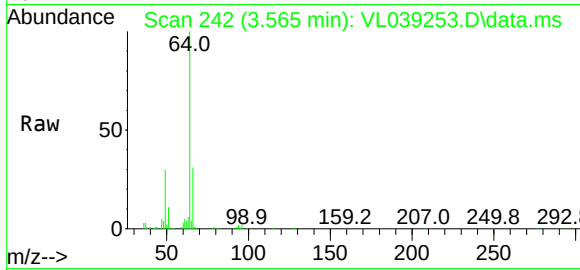
Tgt Ion: 94 Resp: 416327
 Ion Ratio Lower Upper
 94 100
 96 95.2 73.0 109.4





#7
Chloroethane
Concen: 12.176 ppbv
RT: 3.565 min Scan# 243
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

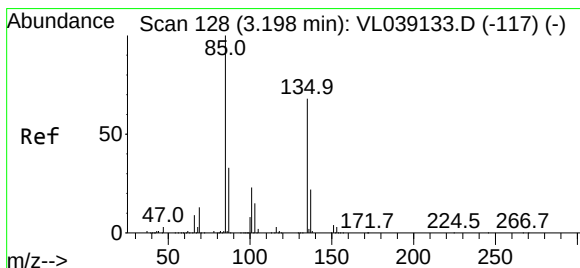
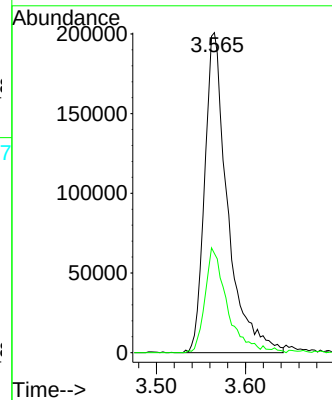
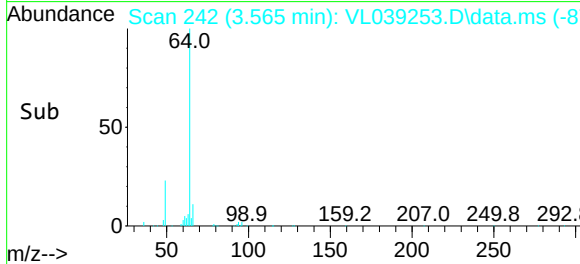
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 35885
Ion Ratio Lower Upper
64 100
66 31.0 23.6 35.4

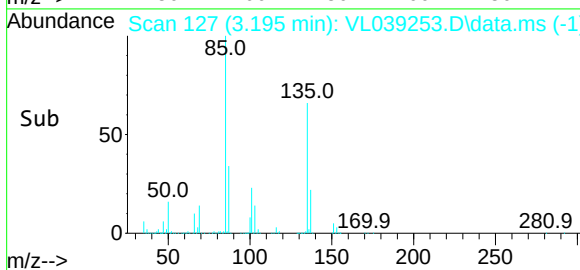
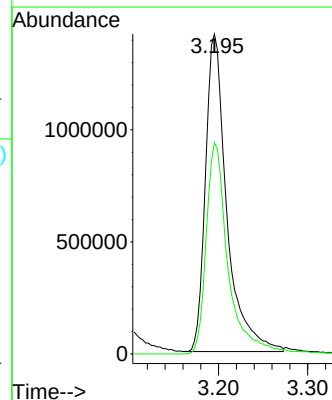
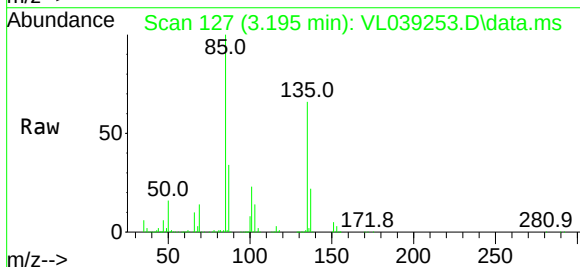
Manual Integrations
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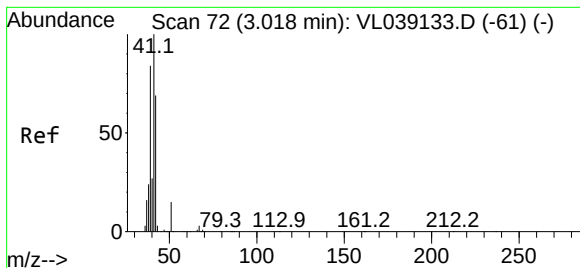
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#8
Dichlorotetrafluoroethane
Concen: 10.624 ppbv
RT: 3.195 min Scan# 127
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

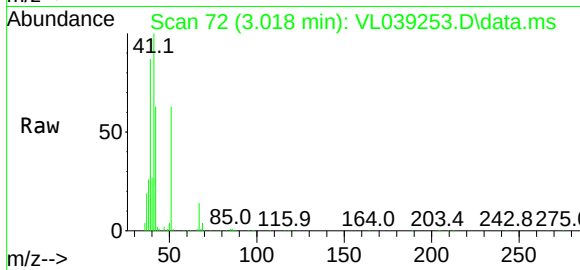
Tgt Ion: 85 Resp: 2361024
Ion Ratio Lower Upper
85 100
135 68.8 55.0 82.4





#9
 Propene
 Concen: 8.468 ppbv
 RT: 3.018 min Scan# 72
 Delta R.T. 0.000 min
 Lab File: VL039253.D
 Acq: 13 Jun 2022 12:34

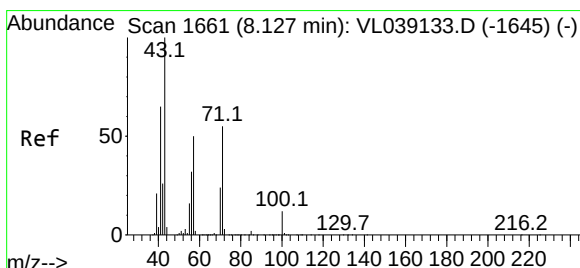
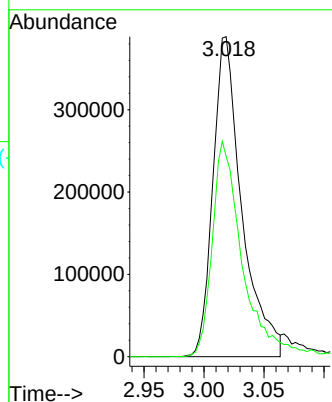
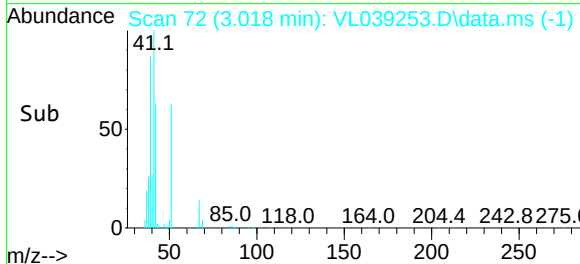
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



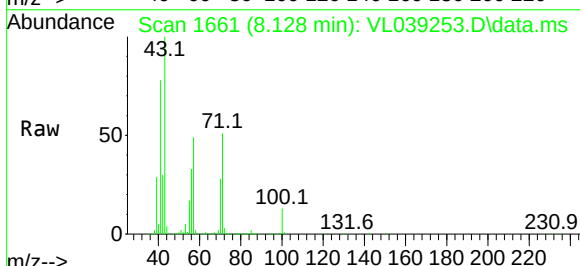
Tgt Ion: 41 Resp: 650409
 Ion Ratio Lower Upper
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 42 71.3 55.4 83.2

Manual Integrations
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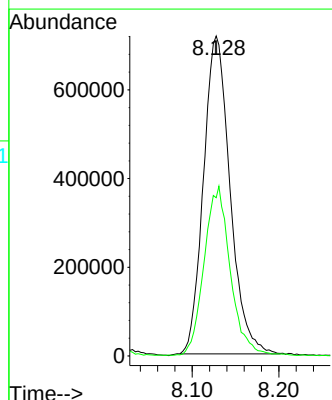
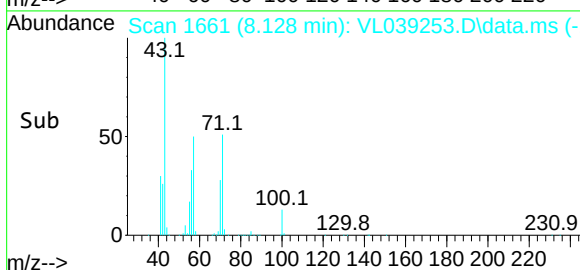
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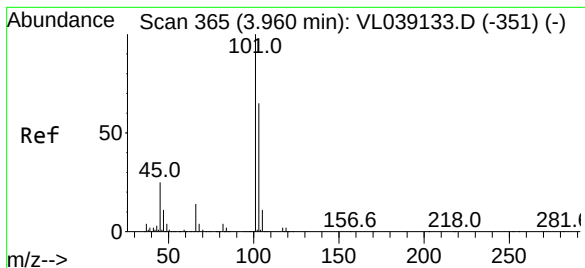


#10
 Heptane
 Concen: 8.542 ppbv
 RT: 8.128 min Scan# 1661
 Delta R.T. 0.000 min
 Lab File: VL039253.D
 Acq: 13 Jun 2022 12:34



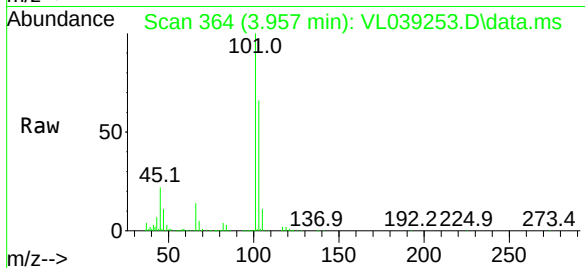
Tgt Ion: 43 Resp: 1530604
 Ion Ratio Lower Upper
 43 100
 57 52.6 41.4 62.2





#11
Trichlorofluoromethane
Concen: 11.775 ppbv
RT: 3.957 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

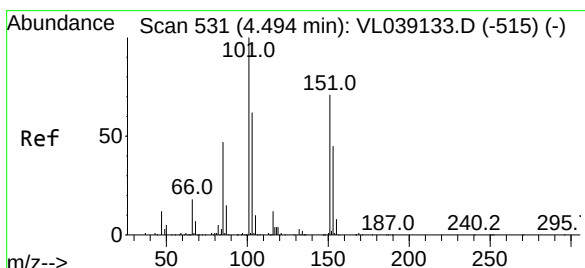
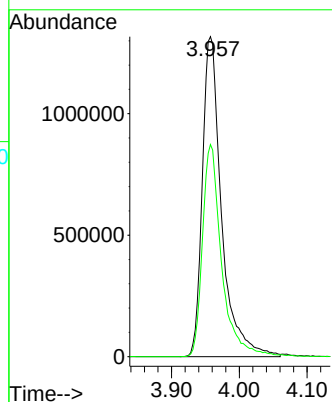
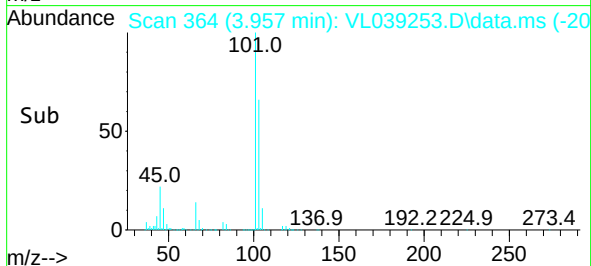
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:101 Resp: 259186
Ion Ratio Lower Upper
101 100
103 66.3 51.7 77.5

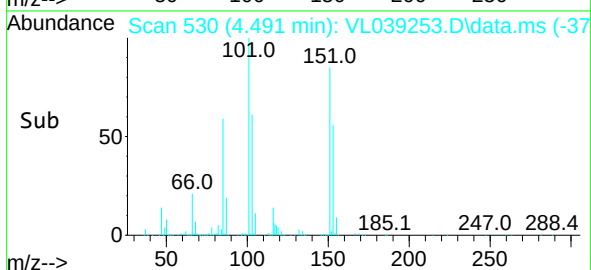
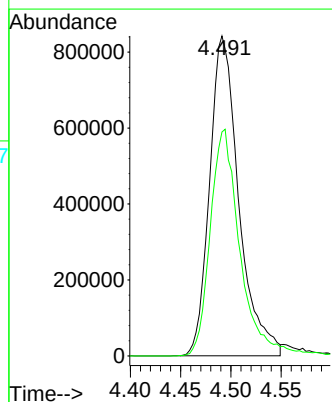
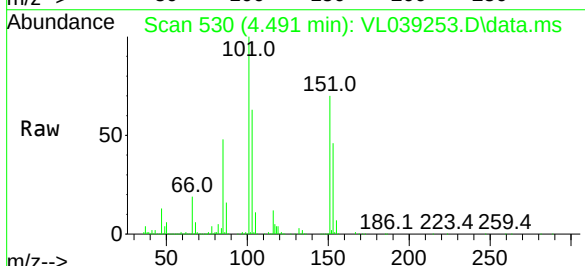
Manual Integrations
APPROVED

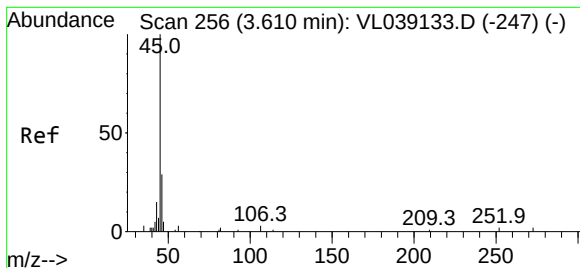
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.688 ppbv
RT: 4.491 min Scan# 530
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

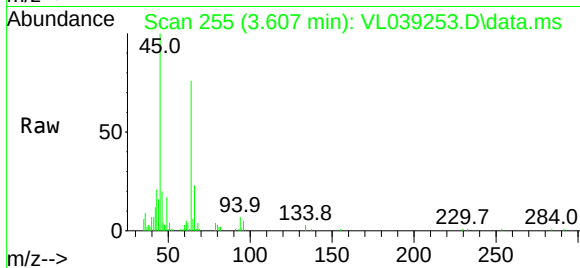
Tgt Ion:101 Resp: 1701311
Ion Ratio Lower Upper
101 100
151 73.0 59.4 89.0





#13
Ethanol
Concen: 11.531 ppbv m
RT: 3.607 min Scan# 247
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

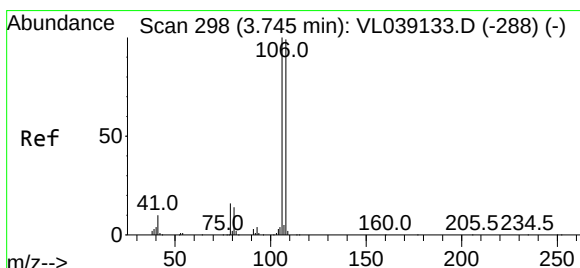
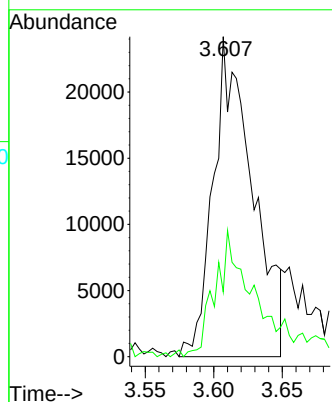
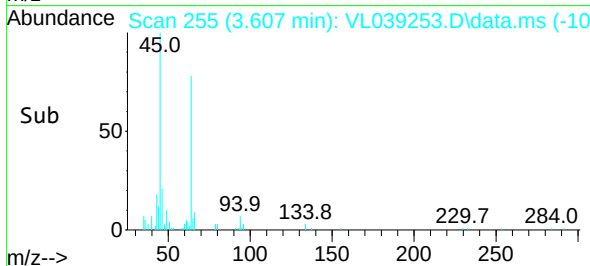
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



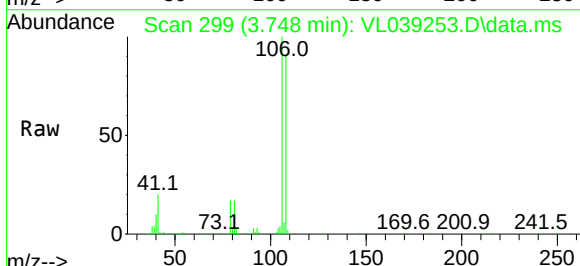
Tgt Ion: 45 Resp: 48302
Ion Ratio Lower Upper
45 100
46 45.4 0.0 0.0

Manual Integrations
APPROVED

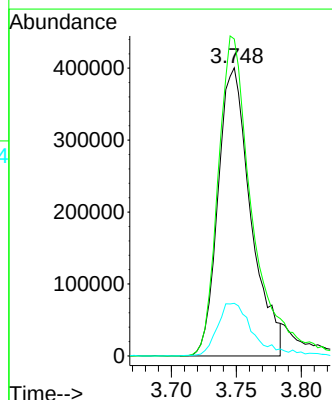
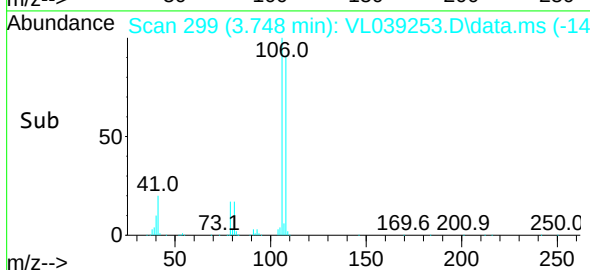
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

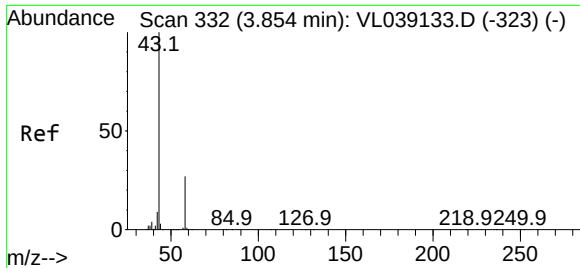


#14
Bromoethene
Concen: 10.725 ppbv
RT: 3.748 min Scan# 299
Delta R.T. 0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34



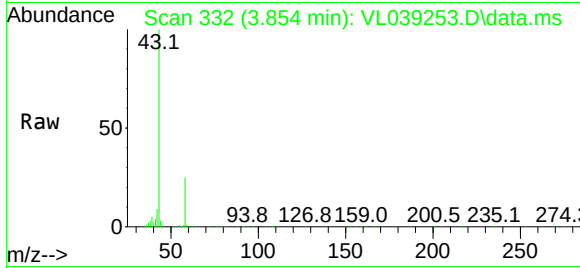
Tgt Ion:108 Resp: 701819
Ion Ratio Lower Upper
108 100
106 119.0 88.4 132.6
79 20.6 13.4 20.2





#15
Acetone
Concen: 11.122 ppbv
RT: 3.854 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

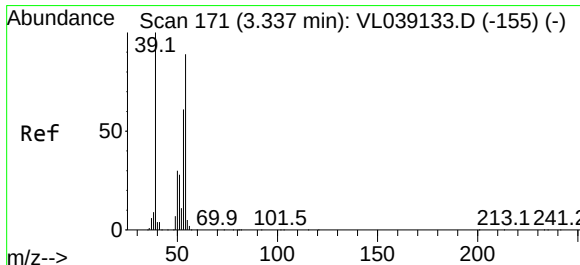
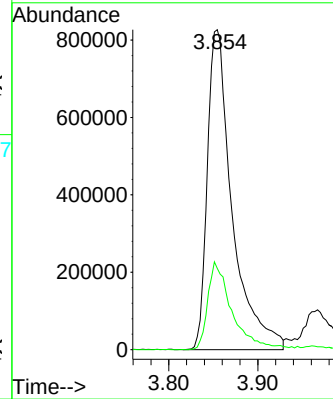
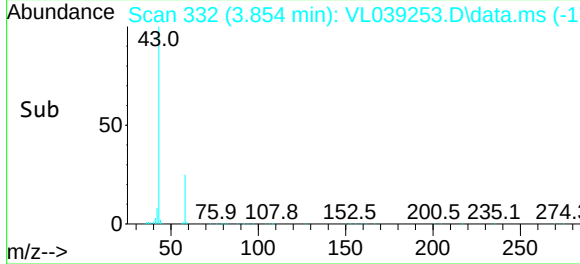
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



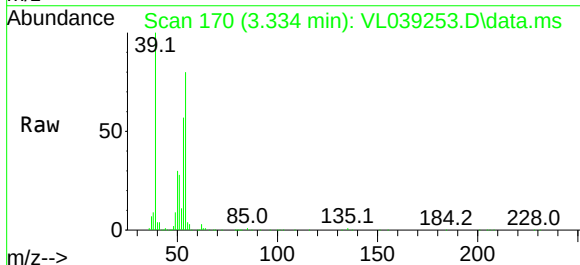
Tgt Ion: 43 Resp: 160388
Ion Ratio Lower Upper
43 100
58 26.8 22.5 33.7

Manual Integrations
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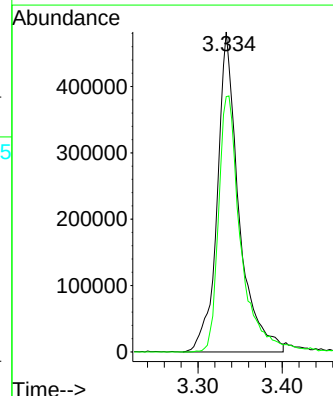
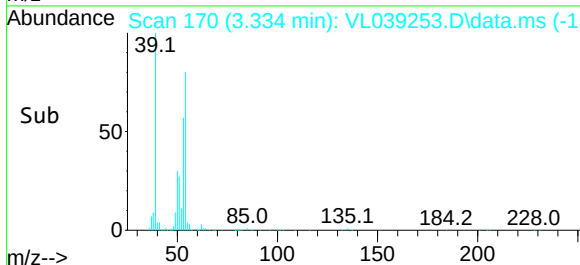
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

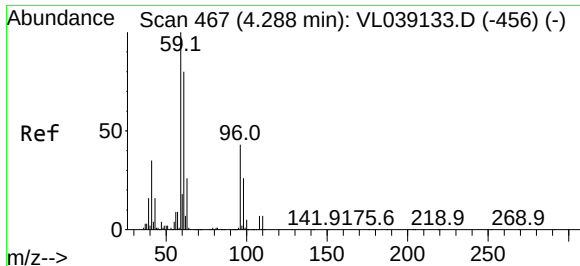


#16
1,3-Butadiene
Concen: 11.090 ppbv
RT: 3.334 min Scan# 170
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34



Tgt Ion: 39 Resp: 859754
Ion Ratio Lower Upper
39 100
54 82.8 65.8 98.6





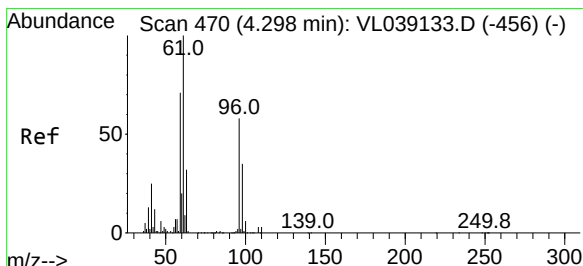
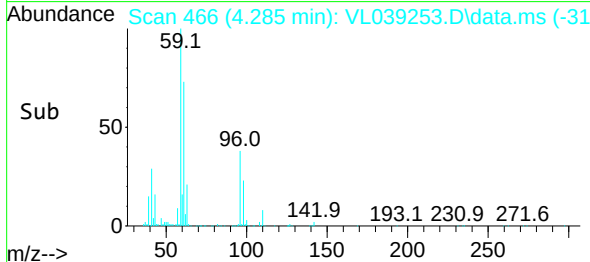
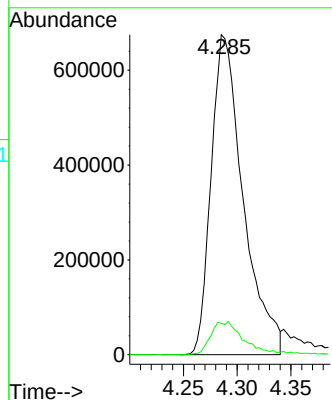
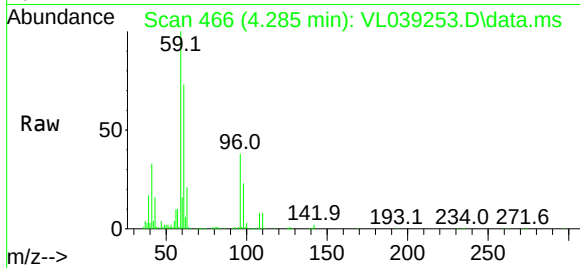
#17
tert-Butyl alcohol
Concen: 12.492 ppbv
RT: 4.285 min Scan# 467
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 139726
Ion Ratio Lower Upper
59 100
57 11.1 9.1 13.7

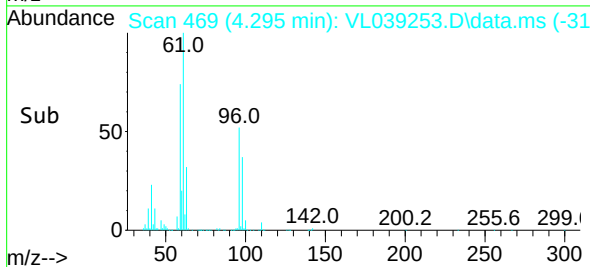
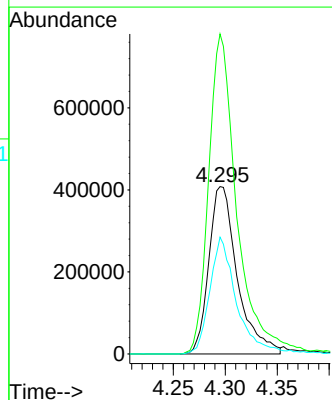
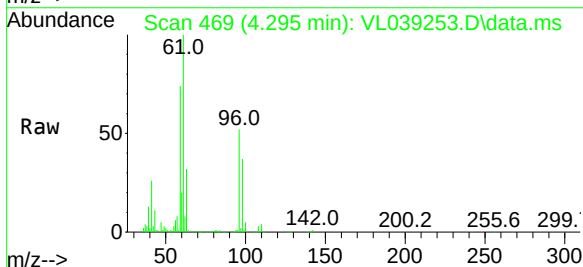
Manual Integrations
APPROVED

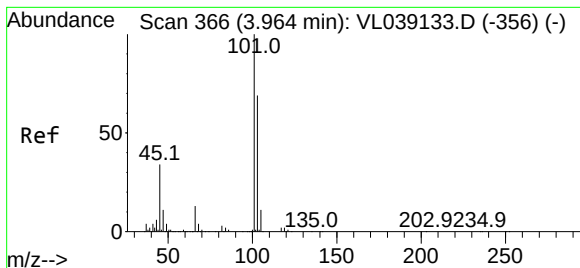
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#18
1,1-Dichloroethene
Concen: 11.940 ppbv
RT: 4.295 min Scan# 469
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

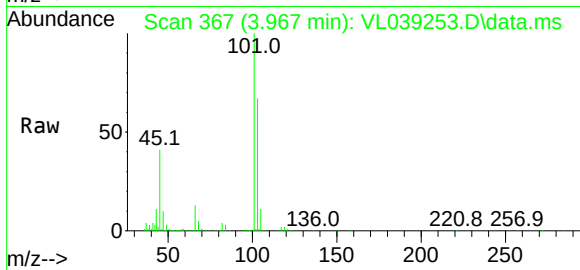
Tgt Ion: 96 Resp: 779676
Ion Ratio Lower Upper
96 100
61 191.0 138.4 207.6
98 69.8 47.8 71.8





#19
Isopropyl Alcohol
Concen: 12.176 ppbv
RT: 3.967 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

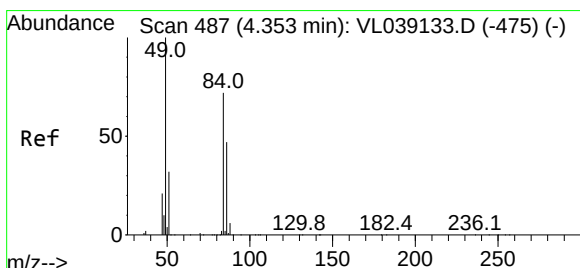
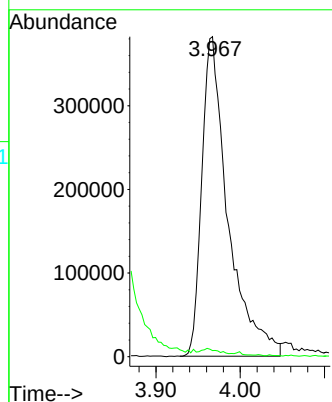
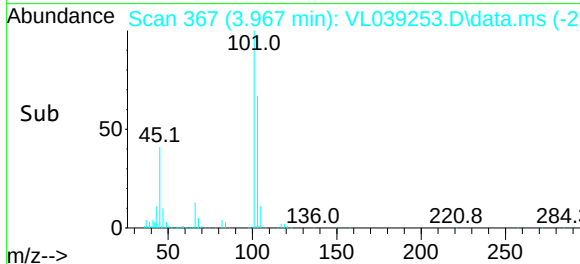
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



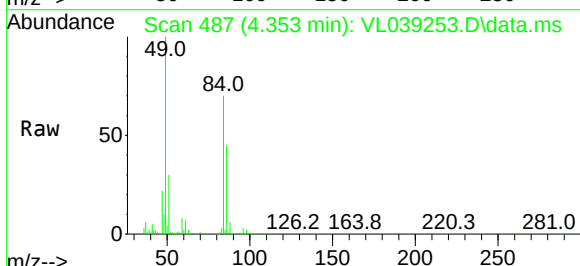
Tgt Ion: 45 Resp: 82358
Ion Ratio Lower Upper
45 100
58 3.1 1.8 2.8

Manual Integrations
APPROVED

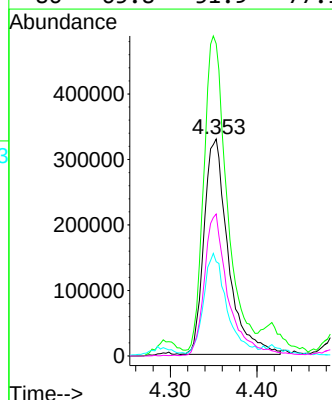
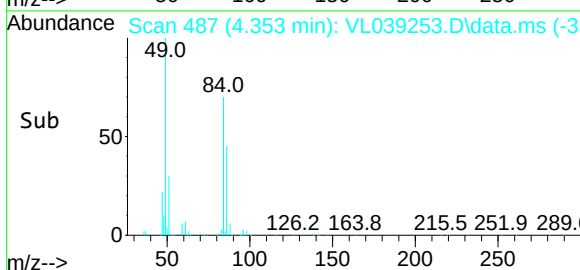
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

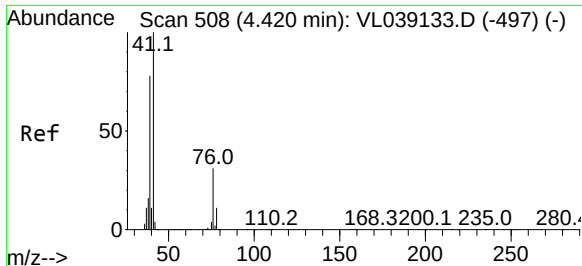


#20
Methylene Chloride
Concen: 10.482 ppbv
RT: 4.353 min Scan# 487
Delta R.T. 0.000 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34



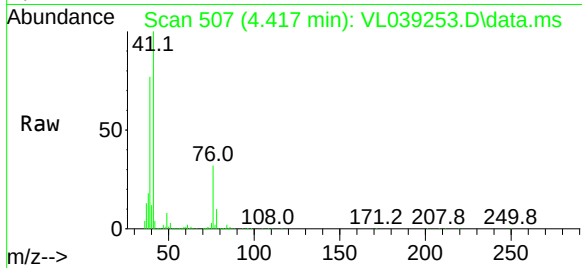
Tgt Ion: 84 Resp: 637045
Ion Ratio Lower Upper
84 100
49 141.2 111.1 166.7
51 42.4 35.3 52.9
86 65.8 51.9 77.9





#21
 Allyl Chloride
 Concen: 11.507 ppbv
 RT: 4.417 min Scan# 508
 Delta R.T. -0.003 min
 Lab File: VL039253.D
 Acq: 13 Jun 2022 12:34

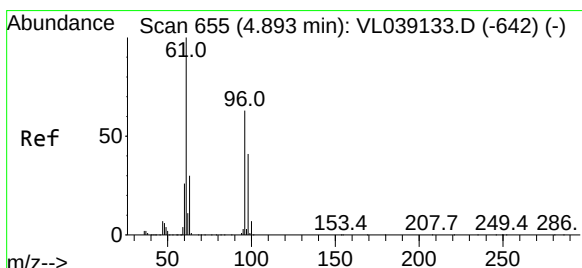
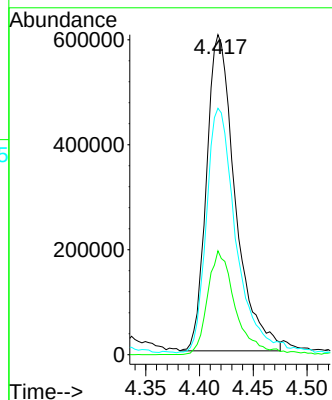
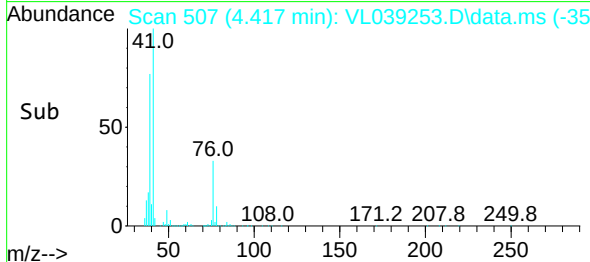
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



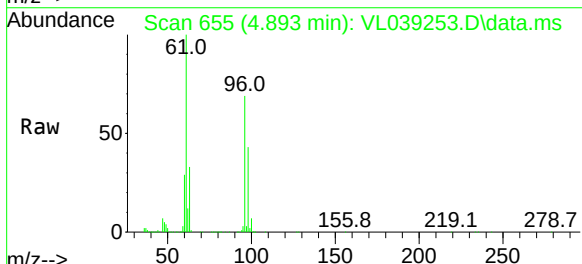
Tgt Ion: 41 Resp: 111943
 Ion Ratio Lower Upper
 41 100
 76 32.3 24.2 36.2
 39 81.7 62.2 93.2

Manual Integrations
 APPROVED

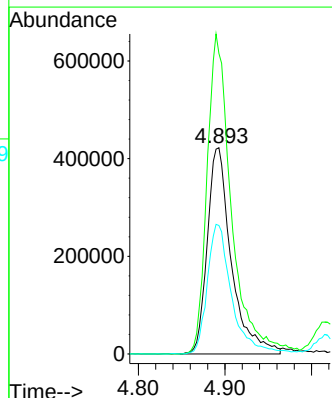
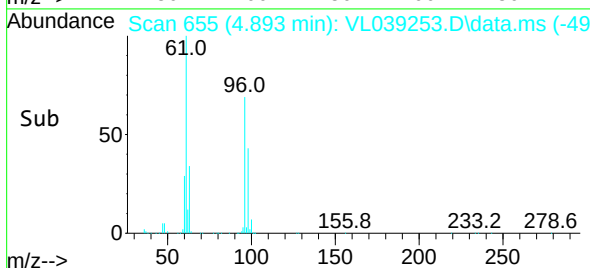
Reviewed By :Semsettin Yesilyurt 06/14/2022
 Supervised By :Mahesh Dadoda 06/16/2022

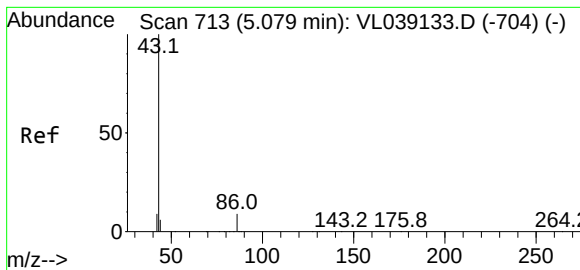


#22
 trans-1,2-Dichloroethene
 Concen: 12.982 ppbv
 RT: 4.893 min Scan# 655
 Delta R.T. 0.000 min
 Lab File: VL039253.D
 Acq: 13 Jun 2022 12:34



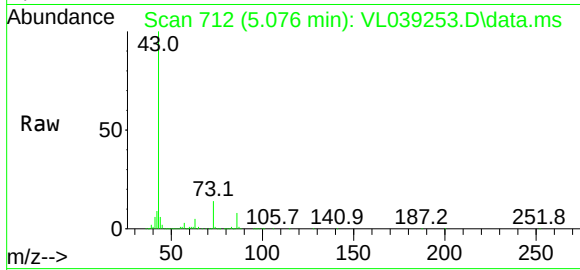
Tgt Ion: 96 Resp: 815605
 Ion Ratio Lower Upper
 96 100
 61 145.7 126.6 190.0
 98 62.3 52.5 78.7





#23
 Vinyl Acetate
 Concen: 11.074 ppbv
 RT: 5.076 min Scan# 713
 Delta R.T. -0.003 min
 Lab File: VL039253.D
 Acq: 13 Jun 2022 12:34

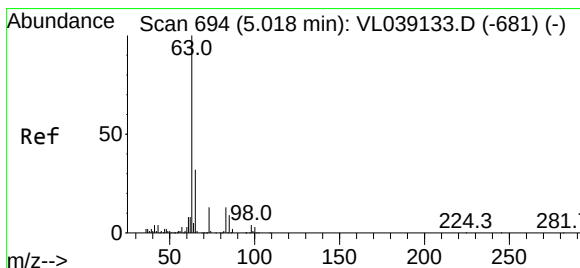
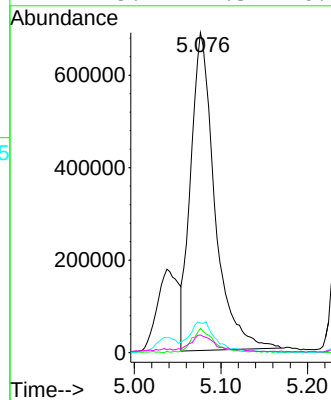
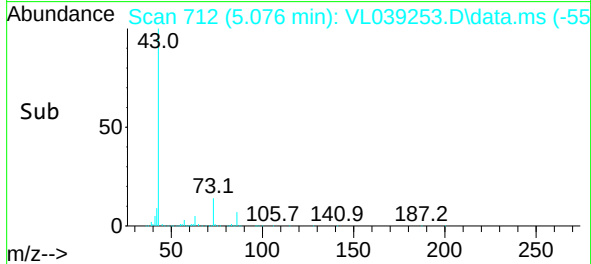
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



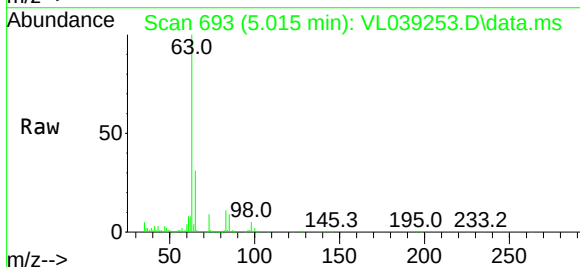
Tgt Ion: 43 Resp: 1321329
 Ion Ratio Lower Upper
 43 100
 86 7.5 6.0 9.0
 42 9.3 8.2 12.4
 44 5.1 4.3 6.5

Manual Integrations
 APPROVED

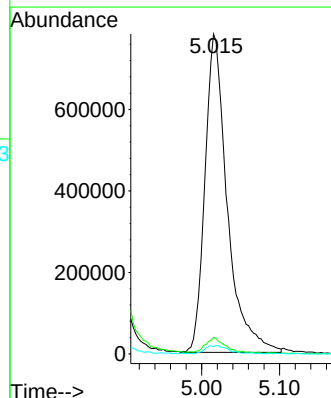
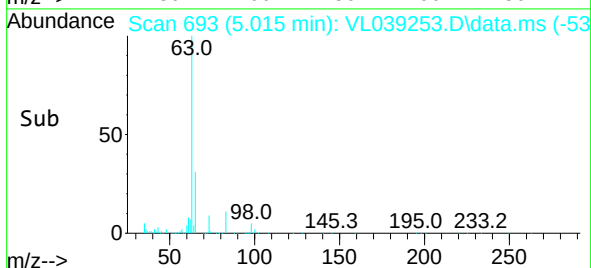
Reviewed By :Semsettin Yesilyurt 06/14/2022
 Supervised By :Mahesh Dadoda 06/16/2022

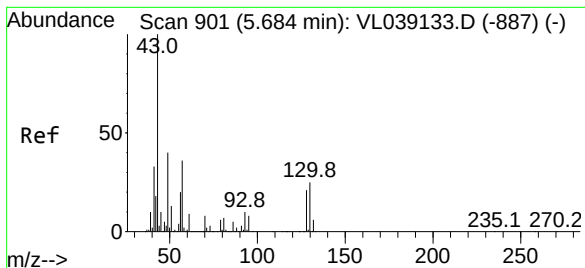


#24
 1,1-Dichloroethane
 Concen: 9.516 ppbv
 RT: 5.015 min Scan# 693
 Delta R.T. -0.003 min
 Lab File: VL039253.D
 Acq: 13 Jun 2022 12:34



Tgt Ion: 63 Resp: 1555633
 Ion Ratio Lower Upper
 63 100
 98 5.0 2.1 6.2
 100 2.2 1.5 4.5





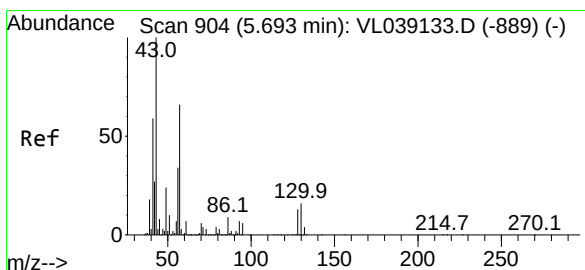
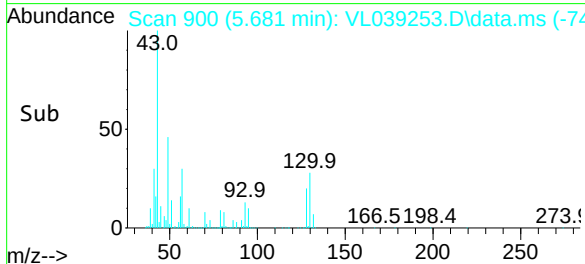
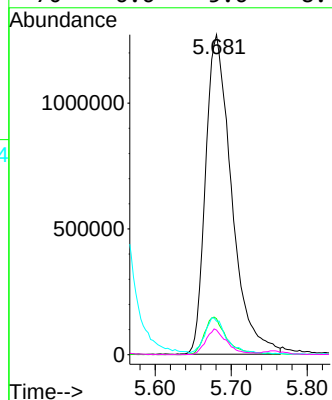
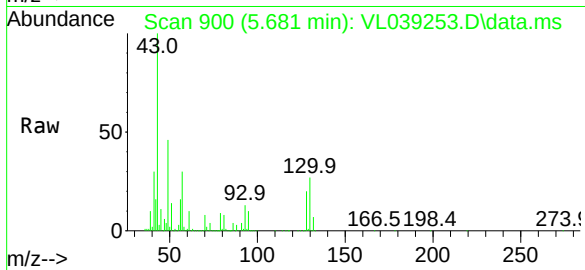
#25
Ethyl Acetate
Concen: 9.296 ppbv
RT: 5.681 min Scan# 901
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 3021329
Ion Ratio Lower Upper
43 100
45 10.3 8.2 12.2
61 10.0 8.4 12.6
70 6.6 5.6 8.4

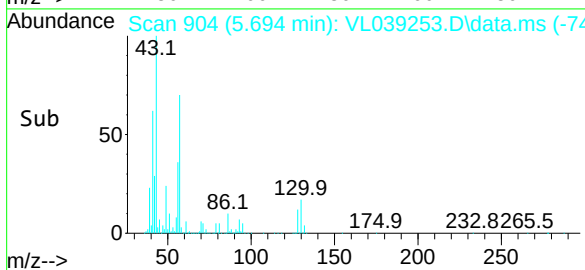
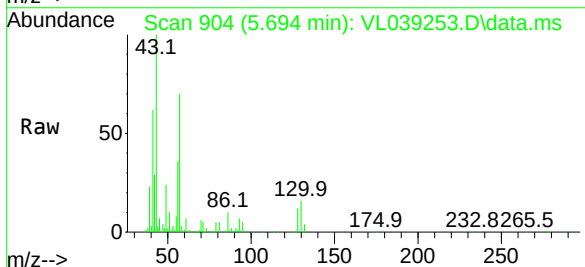
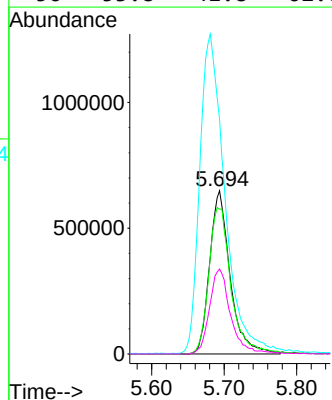
Manual Integrations
APPROVED

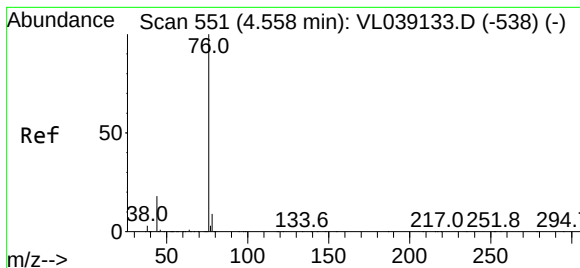
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#26
Hexane
Concen: 8.941 ppbv
RT: 5.694 min Scan# 904
Delta R.T. 0.000 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

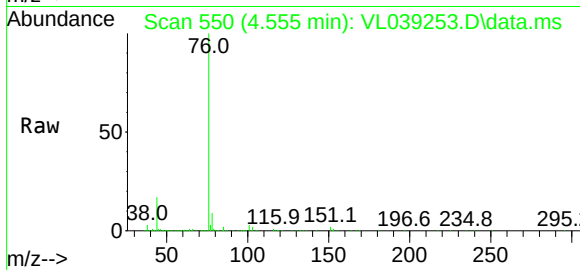
Tgt Ion: 57 Resp: 1277080
Ion Ratio Lower Upper
57 100
41 97.8 72.4 108.6
43 242.3 187.0 280.6
56 53.8 41.8 62.6





#27
Carbon Disulfide
Concen: 12.419 ppbv
RT: 4.555 min Scan# 511
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

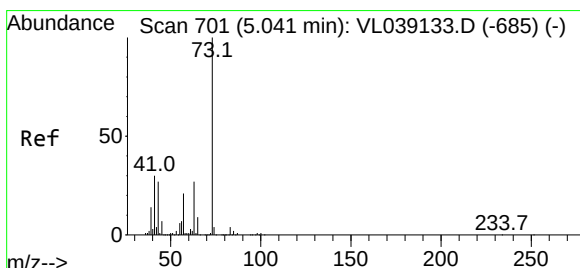
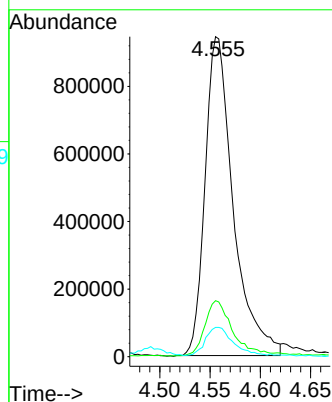
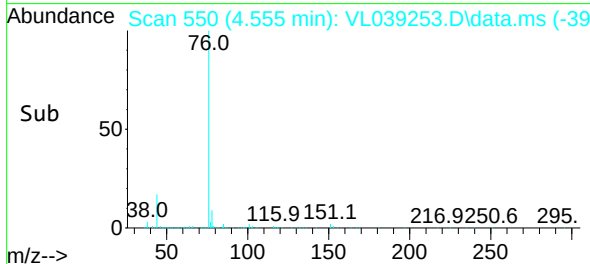
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 1838552
Ion Ratio Lower Upper
76 100
44 18.0 14.4 21.6
78 10.0 7.7 11.5

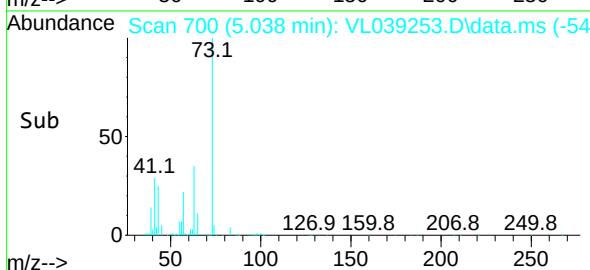
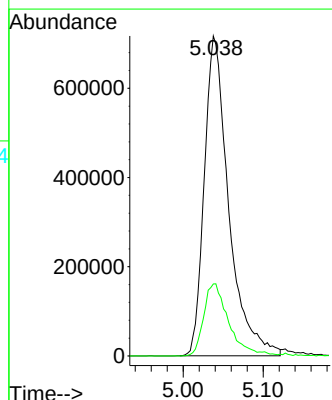
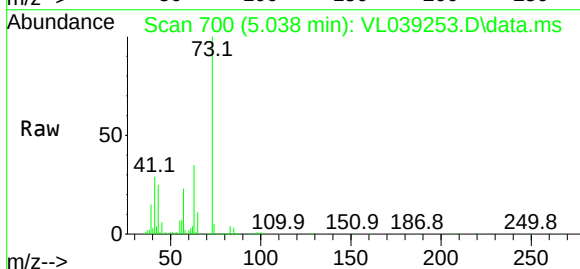
Manual Integrations
APPROVED

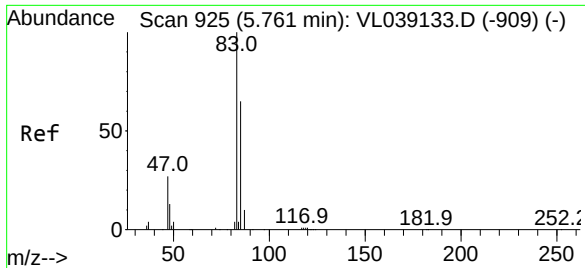
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#28
Methyl tert-Butyl Ether
Concen: 9.670 ppbv
RT: 5.038 min Scan# 700
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

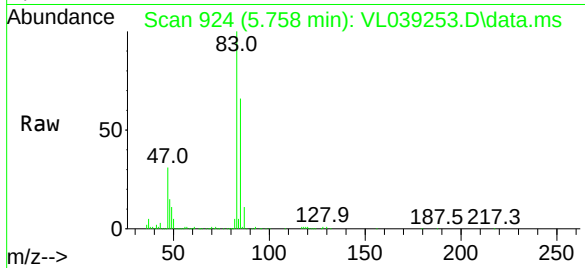
Tgt Ion: 73 Resp: 1524892
Ion Ratio Lower Upper
73 100
57 23.6 18.6 27.8





#29
Chloroform
Concen: 9.643 ppbv
RT: 5.758 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

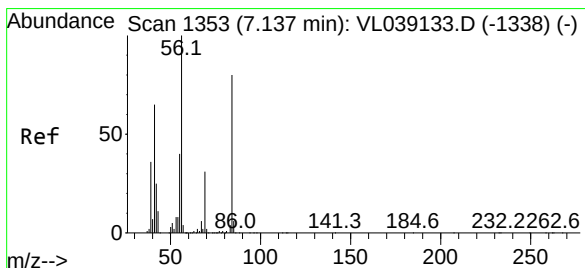
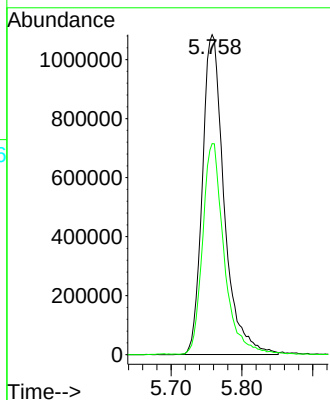
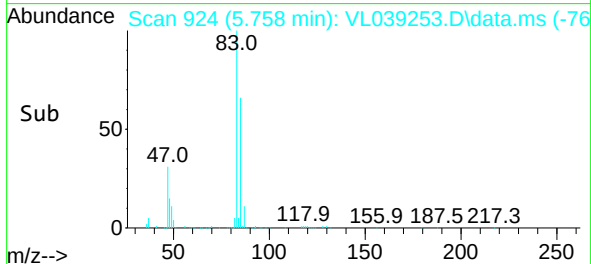
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



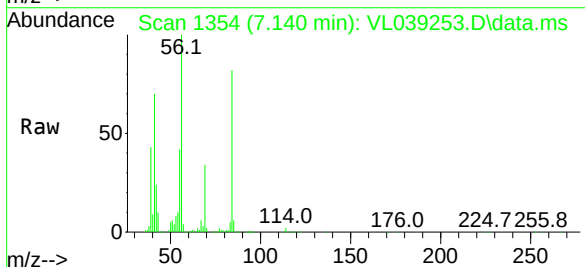
Tgt Ion: 83 Resp: 231773
Ion Ratio Lower Upper
83 100
85 65.8 52.4 78.6

Manual Integrations
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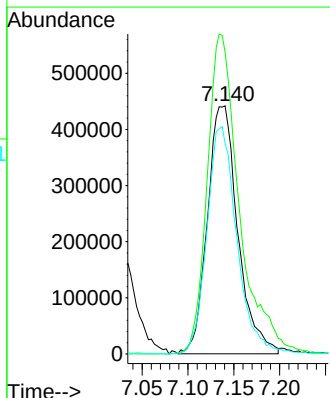
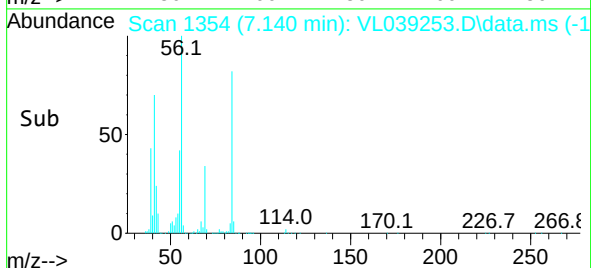
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

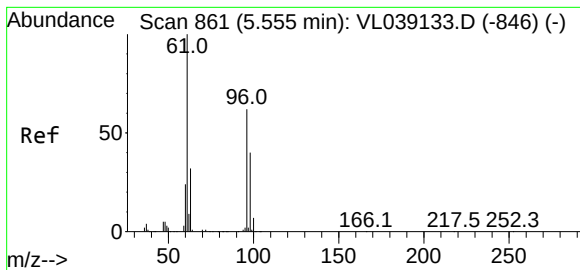


#30
Cyclohexane
Concen: 8.483 ppbv
RT: 7.140 min Scan# 1354
Delta R.T. 0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34



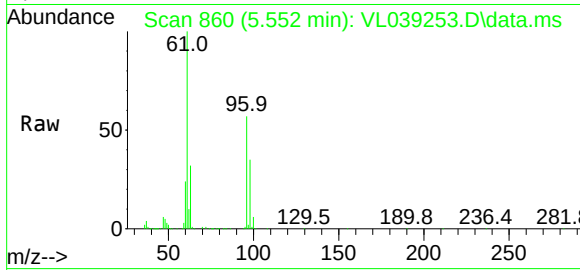
Tgt Ion: 84 Resp: 1017860
Ion Ratio Lower Upper
84 100
56 137.2 110.6 165.8
41 90.6 68.9 103.3





#31
 cis-1,2-Dichloroethene
 Concen: 9.766 ppbv
 RT: 5.552 min Scan# 80
 Delta R.T. -0.003 min
 Lab File: VL039253.D
 Acq: 13 Jun 2022 12:34

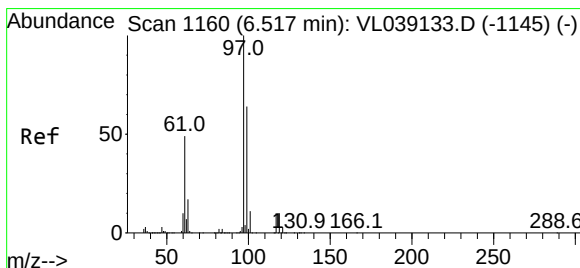
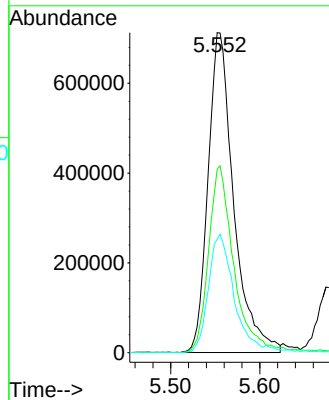
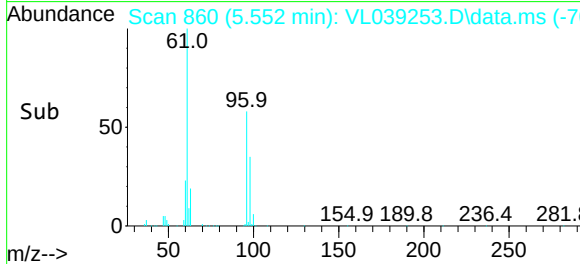
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 61 Resp: 142237
 Ion Ratio Lower Upper
 61 100
 96 57.3 49.9 74.9
 98 35.4 32.0 48.0

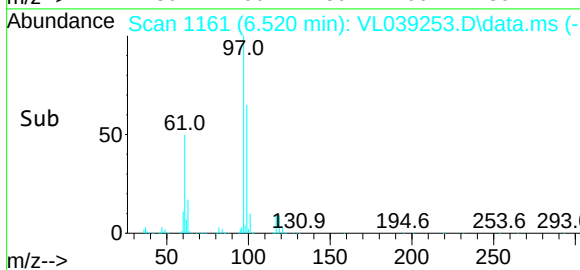
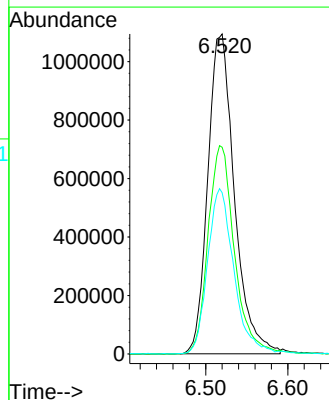
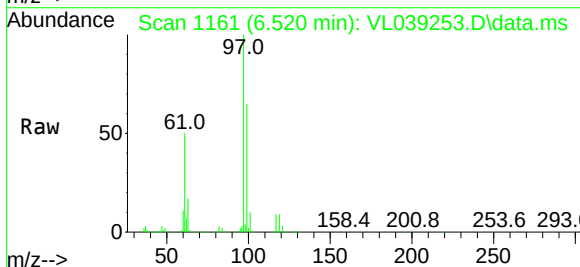
Manual Integrations
 APPROVED

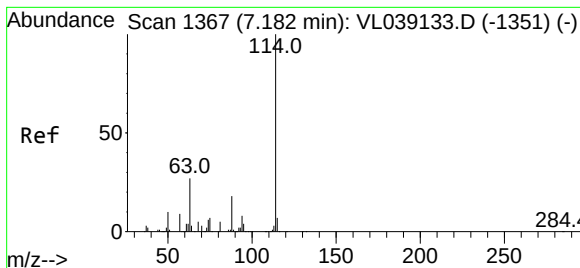
Reviewed By :Semsettin Yesilyurt 06/14/2022
 Supervised By :Mahesh Dadoda 06/16/2022



#32
 1,1,1-Trichloroethane
 Concen: 10.495 ppbv
 RT: 6.520 min Scan# 1161
 Delta R.T. 0.003 min
 Lab File: VL039253.D
 Acq: 13 Jun 2022 12:34

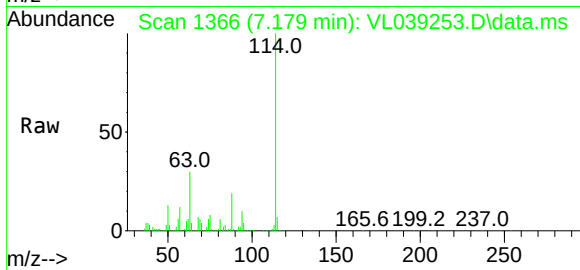
Tgt Ion: 97 Resp: 2468397
 Ion Ratio Lower Upper
 97 100
 99 64.9 52.1 78.1
 61 51.4 40.0 60.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 114
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

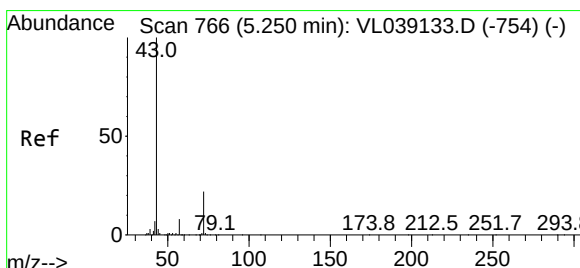
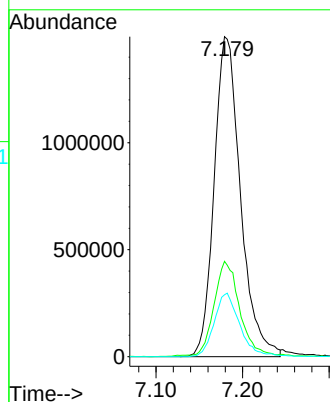
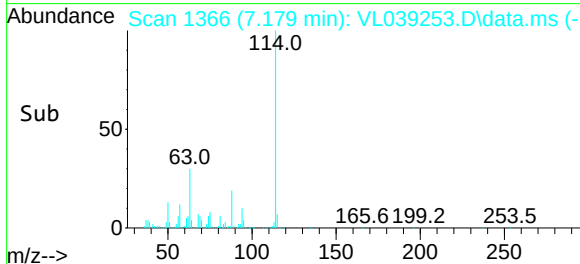
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:114 Resp: 3154790
Ion Ratio Lower Upper
114 100
63 29.7 21.7 32.5
88 19.5 14.8 22.2

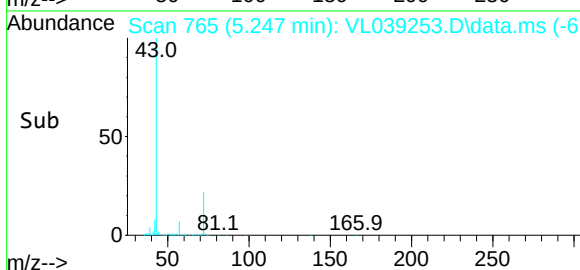
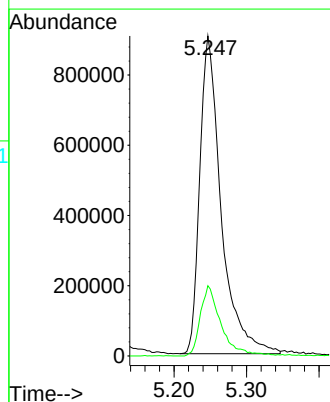
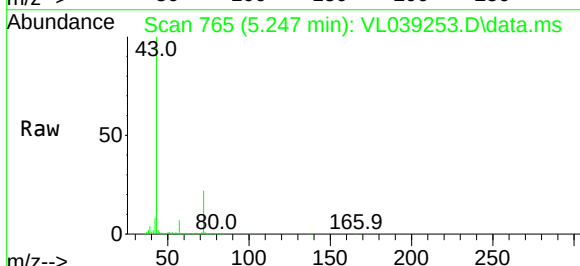
Manual Integrations
APPROVED

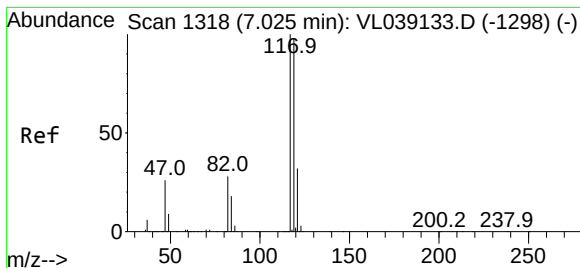
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#34
2-Butanone
Concen: 10.808 ppbv
RT: 5.247 min Scan# 765
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

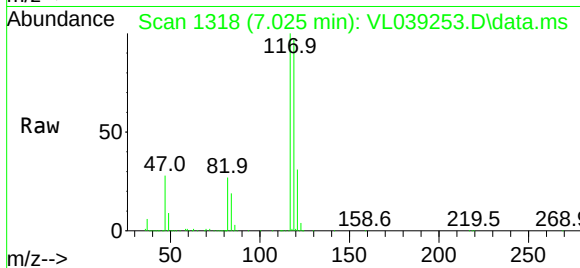
Tgt Ion: 43 Resp: 1852415
Ion Ratio Lower Upper
43 100
72 22.0 18.2 27.2





#35
Carbon Tetrachloride
Concen: 11.481 ppbv
RT: 7.025 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

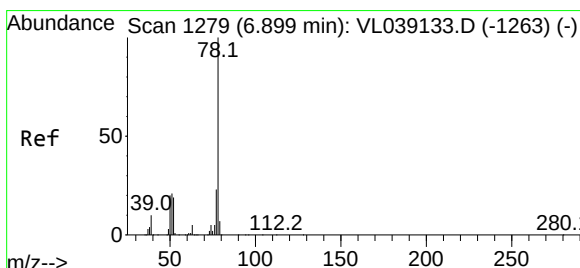
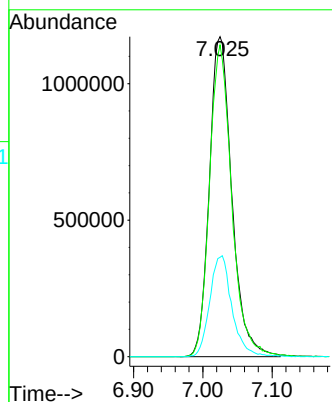
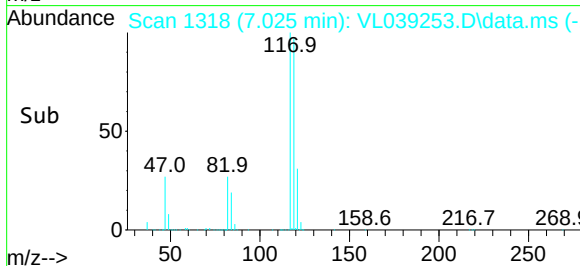
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



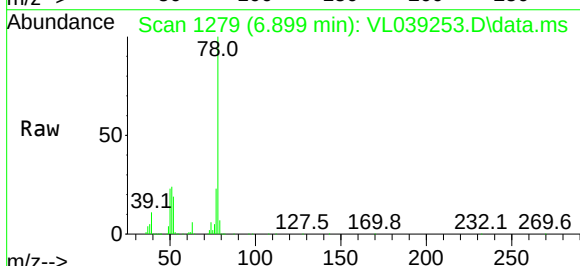
Tgt Ion: 117 Resp: 264362
Ion Ratio Lower Upper
117 100
119 97.4 78.6 118.0
121 31.1 25.4 38.0

Manual Integrations
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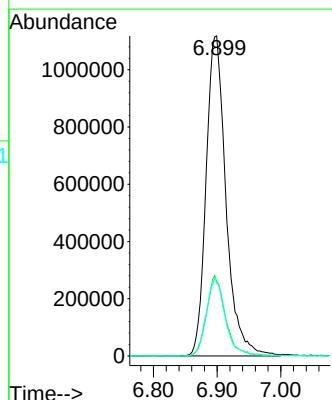
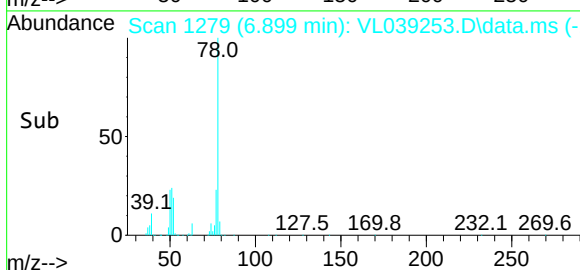
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

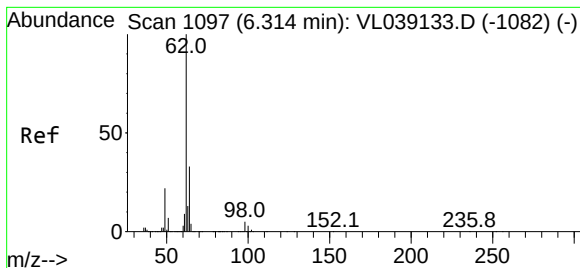


#36
Benzene
Concen: 9.492 ppbv
RT: 6.899 min Scan# 1279
Delta R.T. 0.000 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34



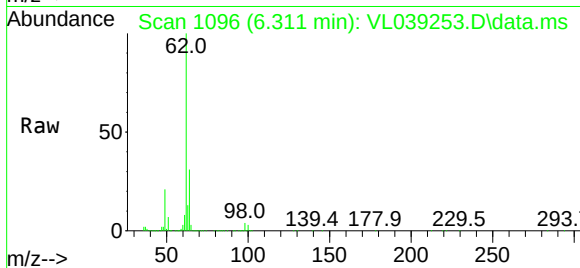
Tgt Ion: 78 Resp: 2431099
Ion Ratio Lower Upper
78 100
77 23.3 18.6 27.8
50 22.7 15.8 23.8





#37
1,2-Dichloroethane
Concen: 11.729 ppbv
RT: 6.311 min Scan# 1097
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

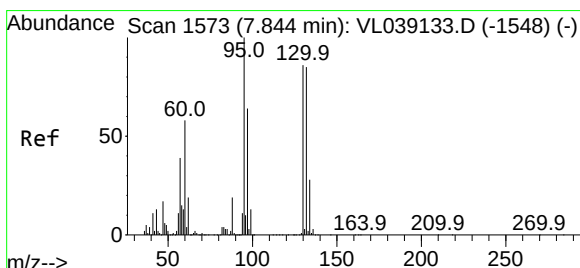
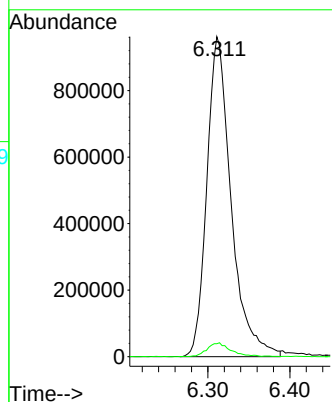
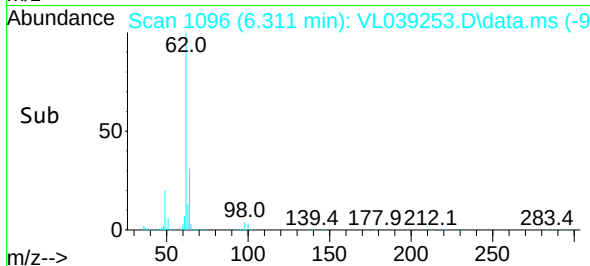
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 62 Resp: 1977118
Ion Ratio Lower Upper
62 100
98 4.4 4.3 6.5

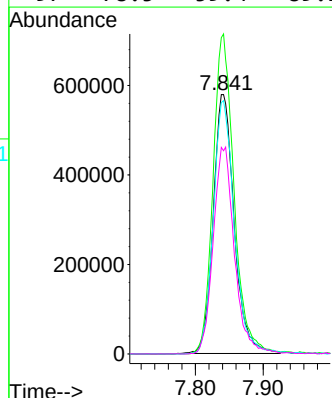
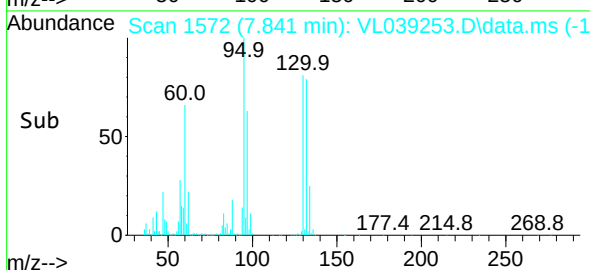
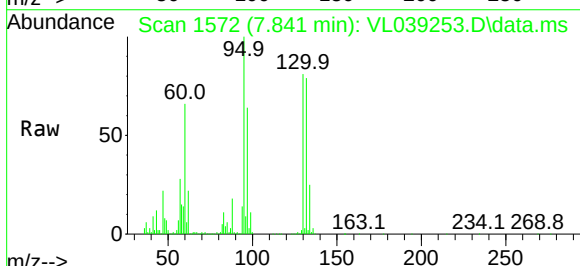
Manual Integrations
APPROVED

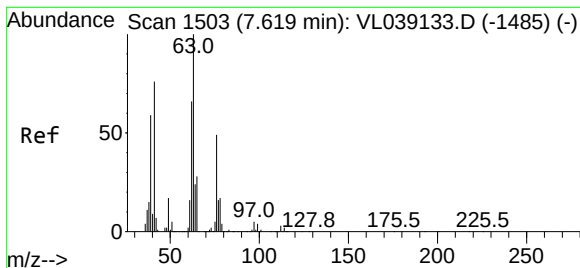
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#38
Trichloroethene
Concen: 10.553 ppbv
RT: 7.841 min Scan# 1572
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

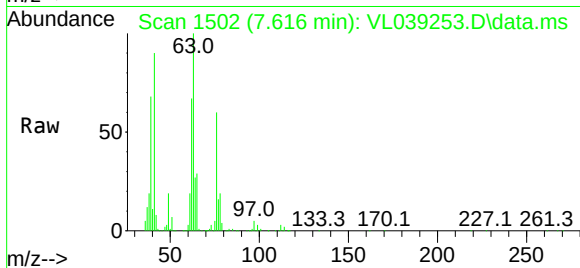
Tgt Ion:130 Resp: 1241459
Ion Ratio Lower Upper
130 100
95 123.6 93.3 139.9
132 97.9 79.0 118.4
97 78.5 59.4 89.2





#39
1,2-Dichloropropane
Concen: 9.436 ppbv
RT: 7.616 min Scan# 1502
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

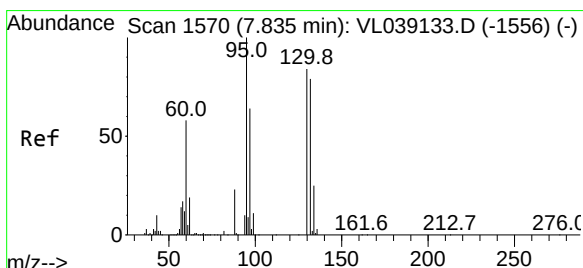
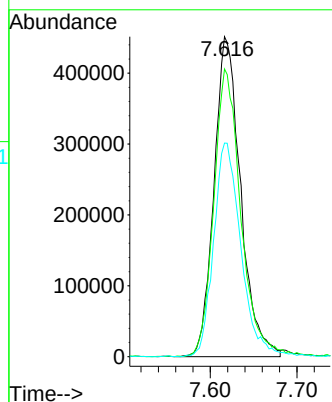
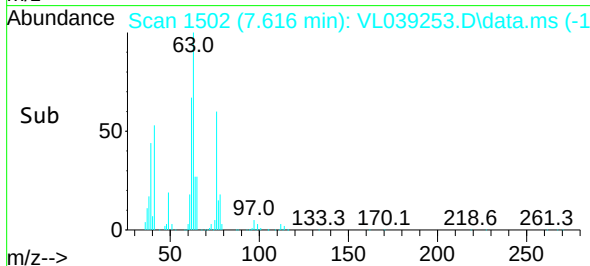
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 63 Resp: 961309
Ion Ratio Lower Upper
63 100
41 89.8 60.8 91.2
62 66.7 52.9 79.3

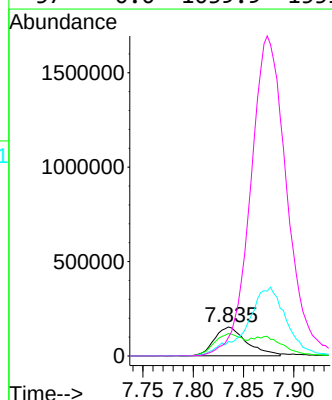
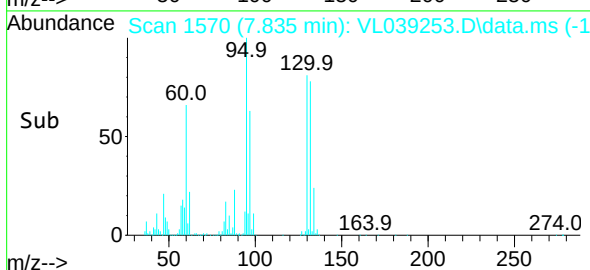
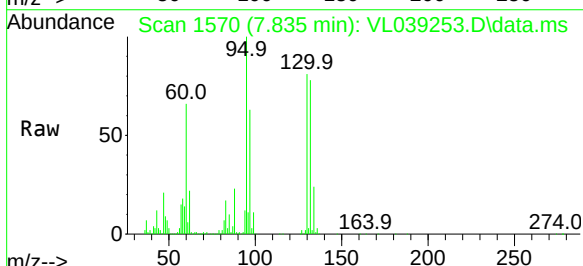
Manual Integrations
APPROVED

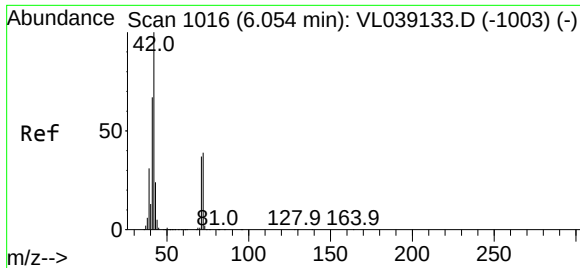
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#40
1,4-Dioxane
Concen: 10.179 ppbv
RT: 7.835 min Scan# 1570
Delta R.T. 0.000 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

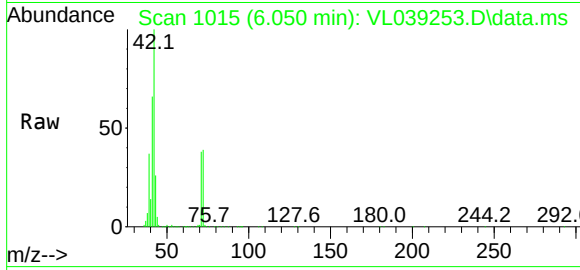
Tgt Ion: 88 Resp: 341384
Ion Ratio Lower Upper
88 100
58 139.4 111.2 166.8
43 0.0 234.2 351.4#
57 0.0 1039.9 1559.9#





#41
Tetrahydrofuran
Concen: 9.601 ppbv
RT: 6.050 min Scan# 1016
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

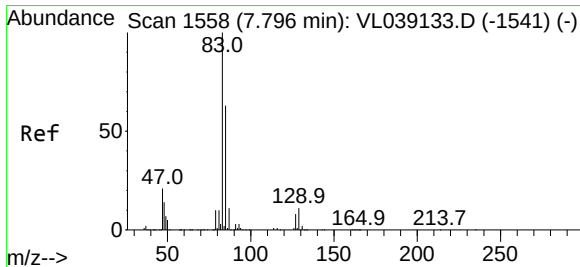
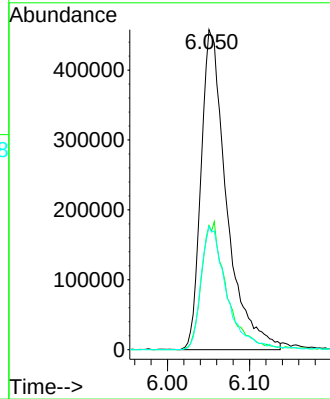
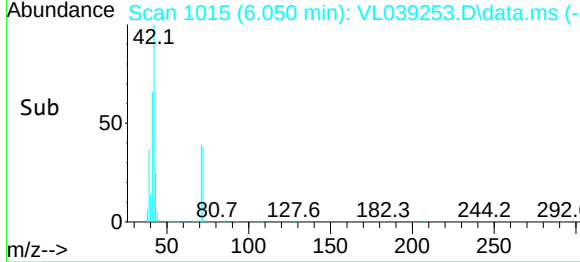
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 98966
Ion Ratio Lower Upper
42 100
72 40.2 32.0 48.0
71 39.1 31.1 46.7

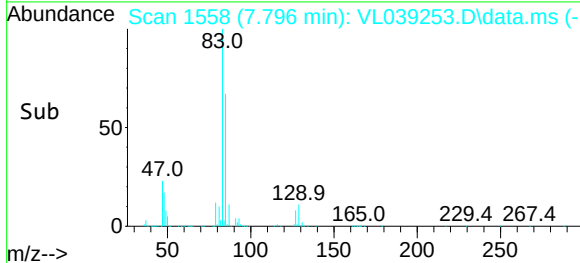
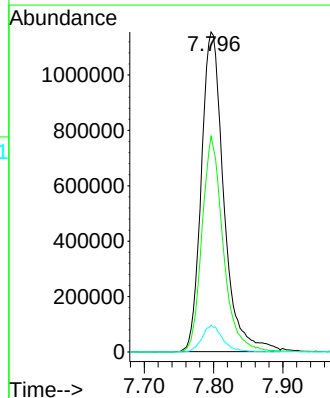
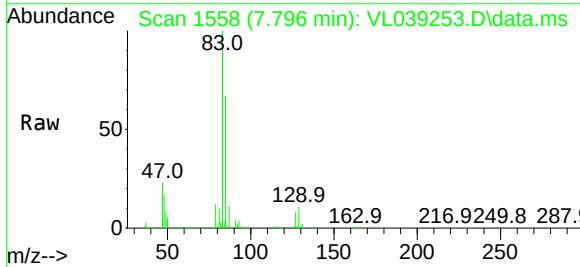
Manual Integrations
APPROVED

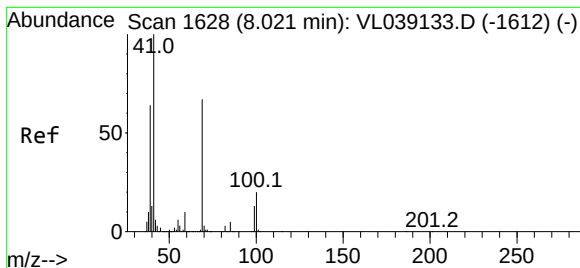
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#42
Bromodichloromethane
Concen: 11.110 ppbv
RT: 7.796 min Scan# 1558
Delta R.T. 0.000 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

Tgt Ion: 83 Resp: 2599089
Ion Ratio Lower Upper
83 100
85 67.3 50.2 75.4
127 8.4 6.6 9.8





#43
Methyl Methacrylate
Concen: 10.431 ppbv
RT: 8.018 min Scan# 1627
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

Instrument :

MSVOA_L

ClientSampleId :

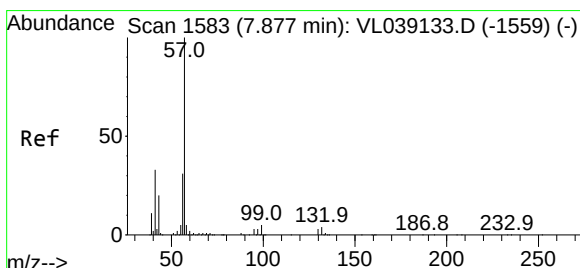
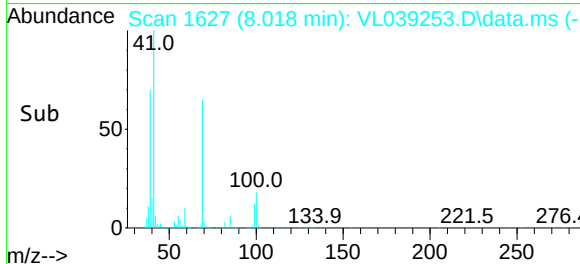
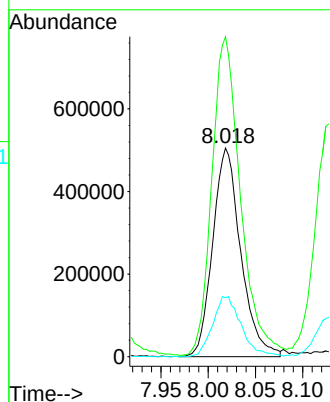
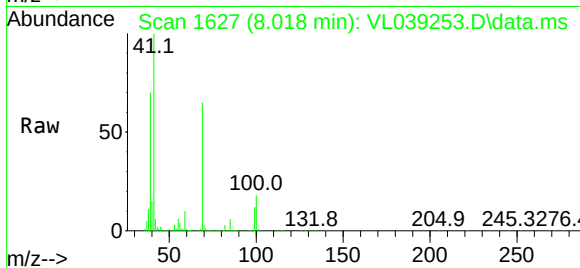
VSTDCCC010

Tgt Ion: 69 Resp: 104064
Ion Ratio Lower Upper
69 100
41 157.6 121.9 182.9
100 29.5 24.1 36.1

Manual Integrations

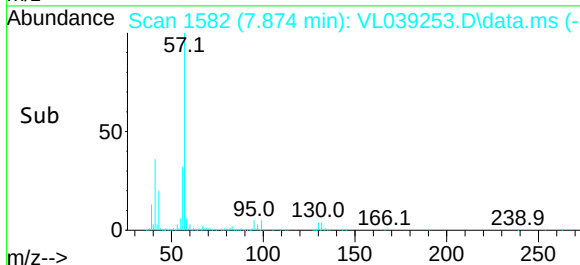
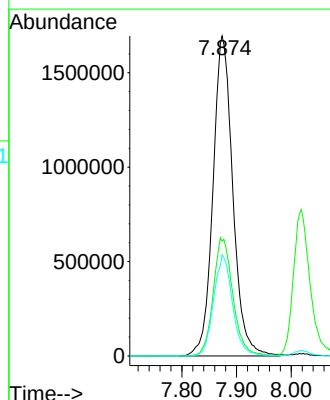
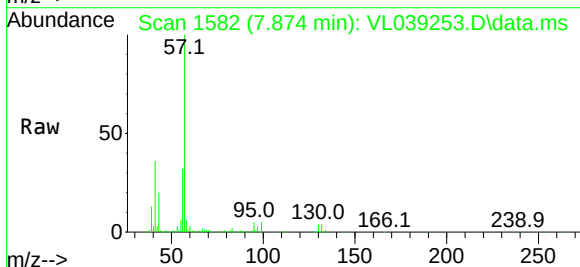
APPROVED

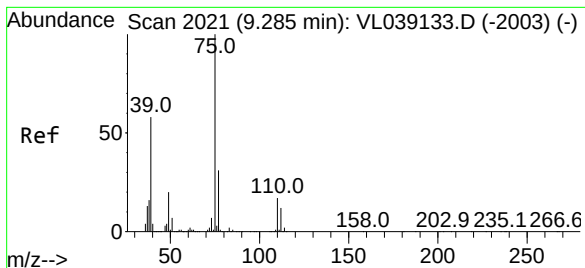
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#44
2,2,4-Trimethylpentane
Concen: 9.519 ppbv
RT: 7.874 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

Tgt Ion: 57 Resp: 4265059
Ion Ratio Lower Upper
57 100
41 36.6 26.2 39.4
56 30.2 24.7 37.1





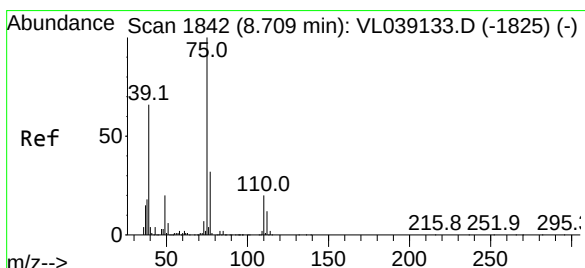
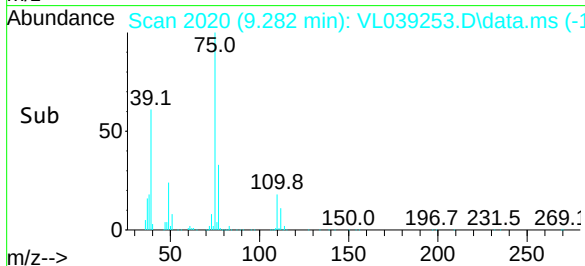
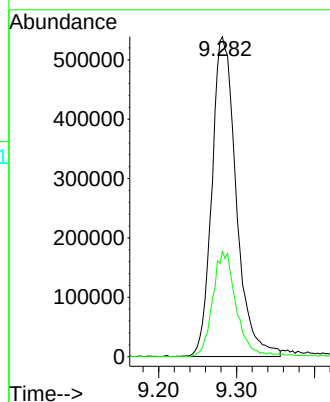
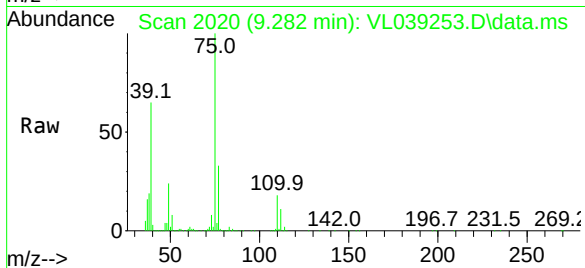
#45
t-1,3-Dichloropropene
Concen: 11.228 ppbv
RT: 9.282 min Scan# 2021
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 1166610
Ion Ratio Lower Upper
75 100
77 32.8 24.4 36.6

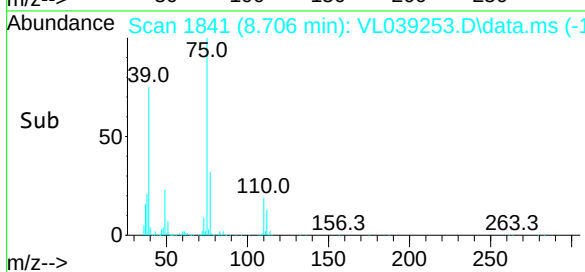
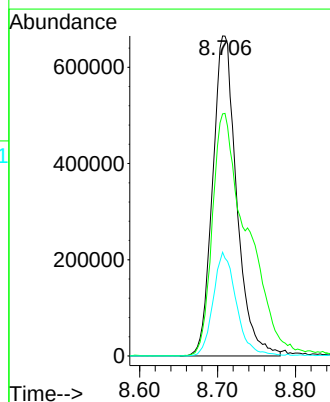
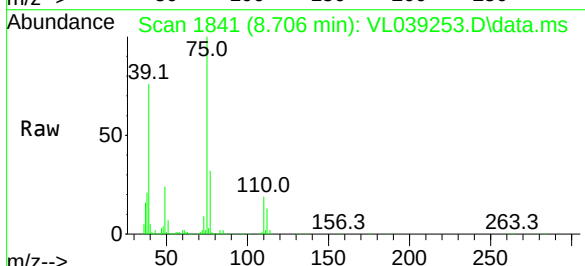
Manual Integrations
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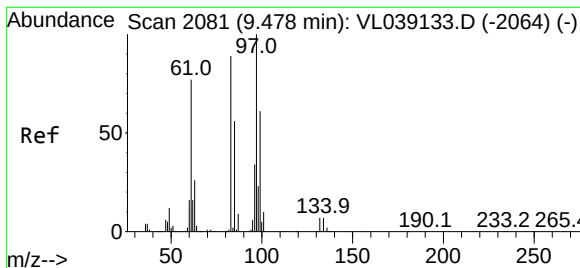
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#46
cis-1,3-Dichloropropene
Concen: 10.382 ppbv
RT: 8.706 min Scan# 1841
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

Tgt Ion: 75 Resp: 1425057
Ion Ratio Lower Upper
75 100
39 75.6 52.4 78.6
77 32.4 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 9.687 ppbv

RT: 9.478 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VL039253.D

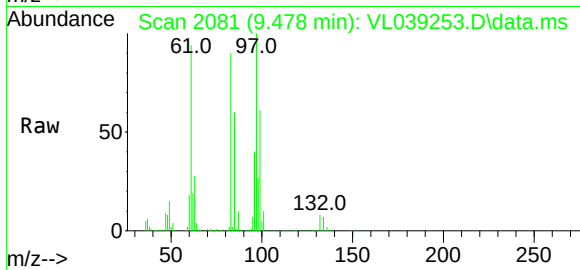
Acq: 13 Jun 2022 12:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 97 Resp: 102956

Ion Ratio Lower Upper

97 100

83 90.5 71.6 107.4

85 59.7 44.8 67.2

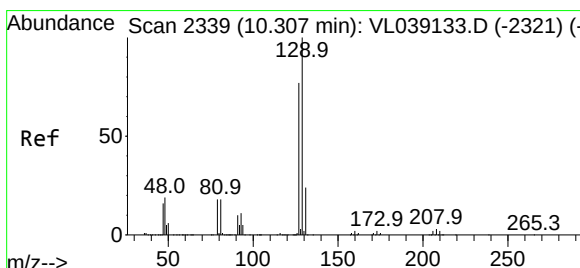
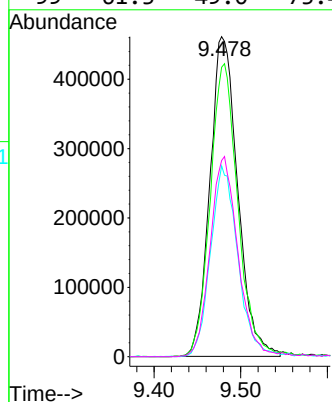
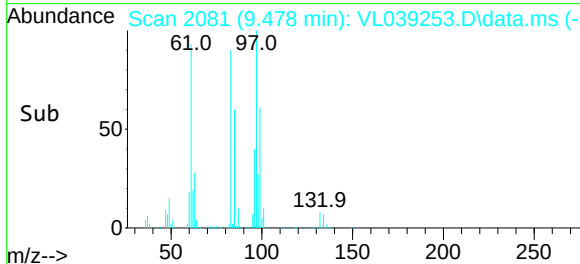
99 61.3 49.0 73.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/14/2022

Supervised By :Mahesh Dadoda 06/16/2022



#48

Dibromochloromethane

Concen: 11.008 ppbv

RT: 10.308 min Scan# 2339

Delta R.T. 0.000 min

Lab File: VL039253.D

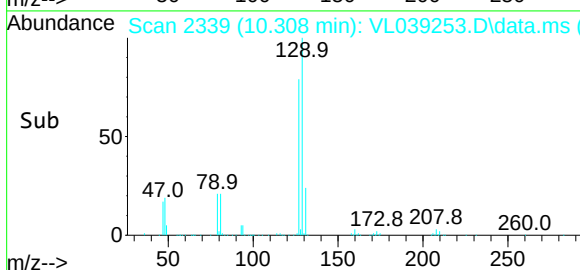
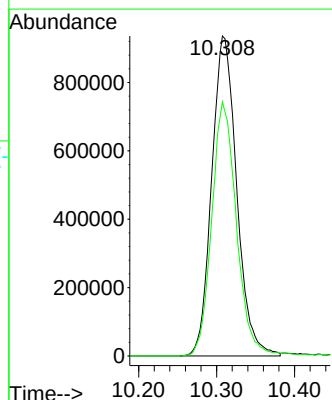
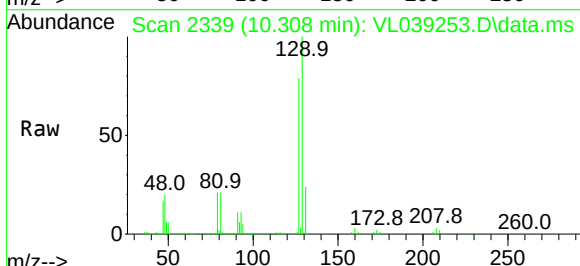
Acq: 13 Jun 2022 12:34

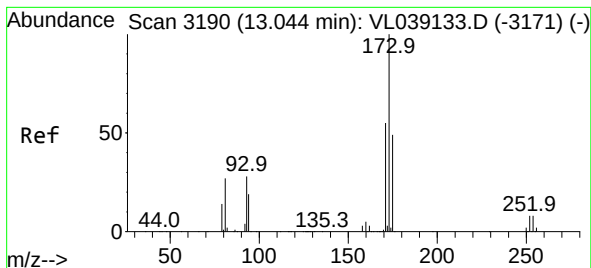
Tgt Ion:129 Resp: 2089145

Ion Ratio Lower Upper

129 100

127 79.0 40.0 119.9





#49

Bromoform

Concen: 10.865 ppbv

RT: 13.044 min Scan# 3190

Delta R.T. 0.000 min

Lab File: VL039253.D

Acq: 13 Jun 2022 12:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 1718269

Ion Ratio Lower Upper

173 100

175 49.5 40.2 60.2

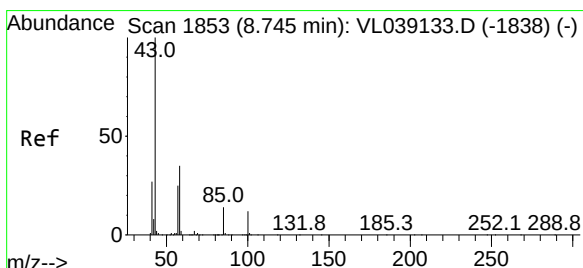
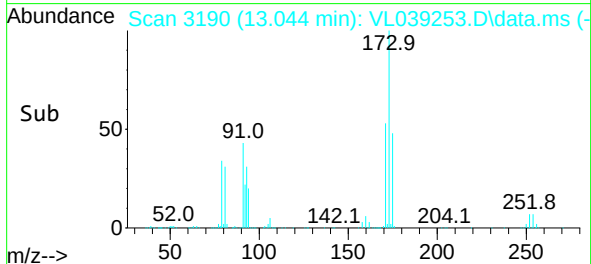
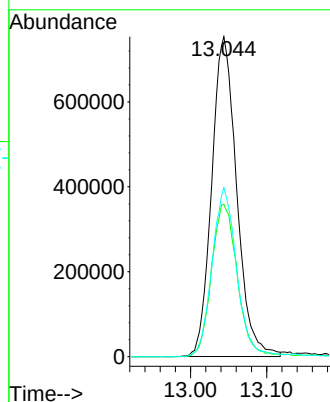
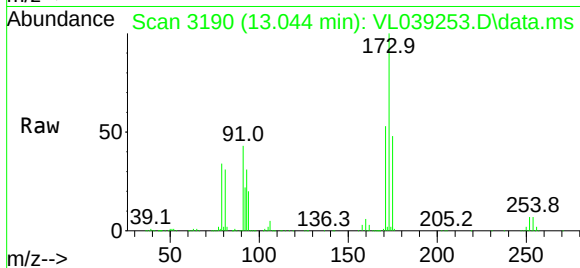
171 52.5 43.9 65.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/14/2022

Supervised By :Mahesh Dadoda 06/16/2022



#50

4-Methyl-2-Pentanone

Concen: 10.506 ppbv

RT: 8.742 min Scan# 1852

Delta R.T. -0.003 min

Lab File: VL039253.D

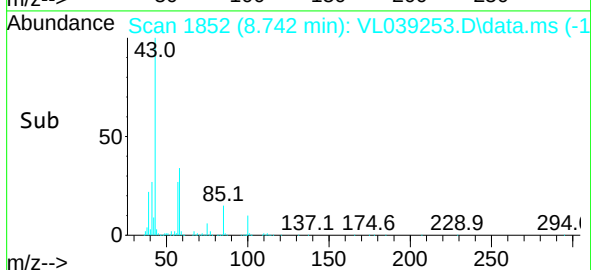
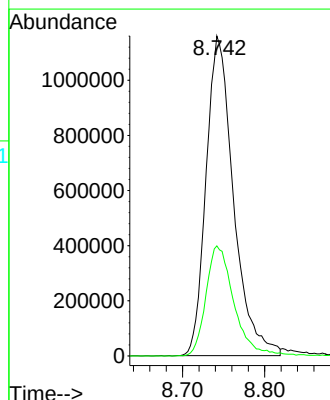
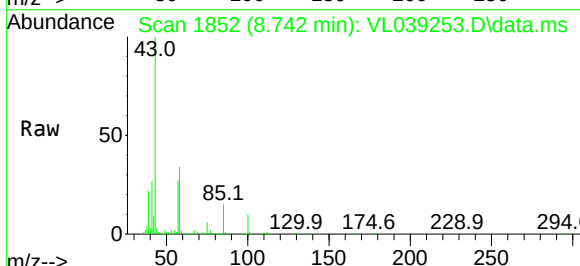
Acq: 13 Jun 2022 12:34

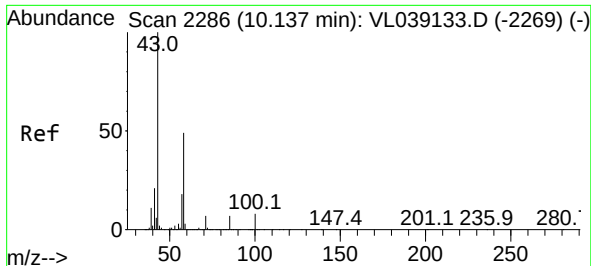
Tgt Ion: 43 Resp: 2695462

Ion Ratio Lower Upper

43 100

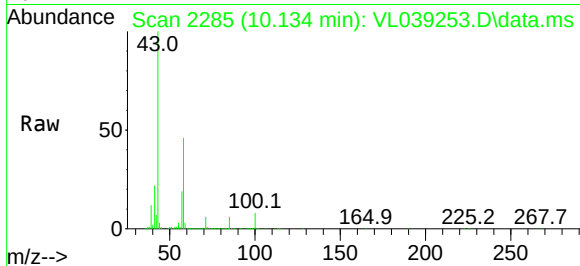
58 35.4 28.7 43.1





#51
2-Hexanone
Concen: 10.652 ppbv
RT: 10.134 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

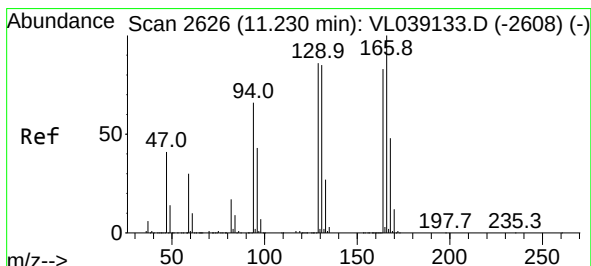
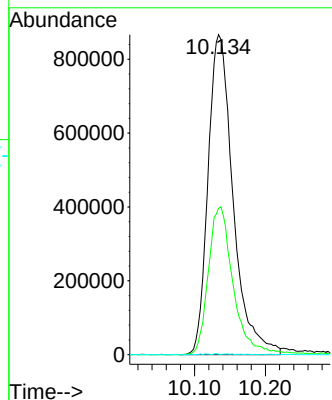
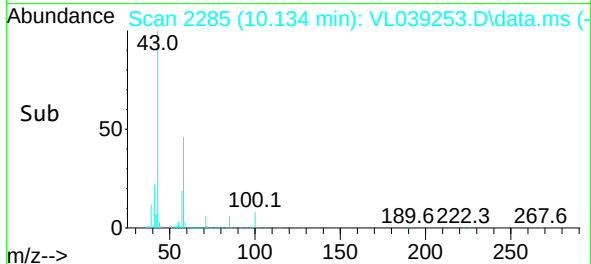
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



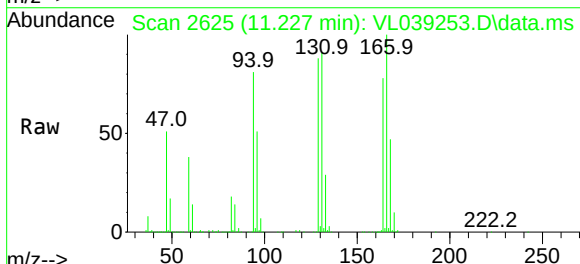
Tgt Ion: 43 Resp: 212647
Ion Ratio Lower Upper
43 100
58 46.1 40.0 60.0
98 0.2 0.1 0.1

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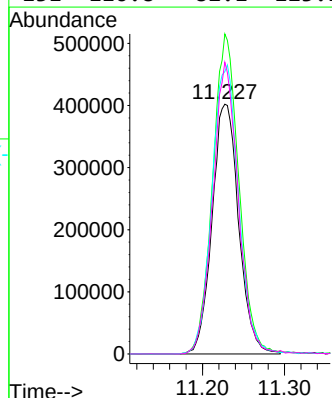
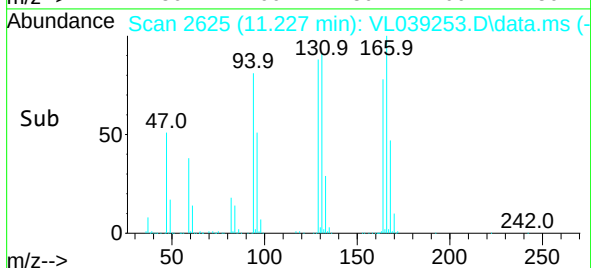
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

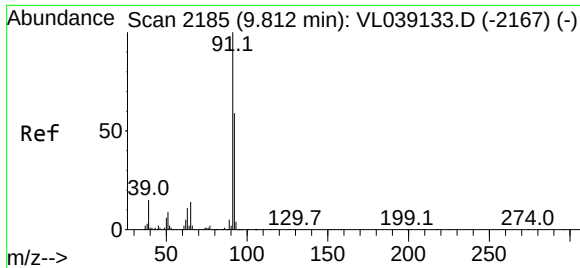


#52
Tetrachloroethene
Concen: 9.034 ppbv
RT: 11.227 min Scan# 2625
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34



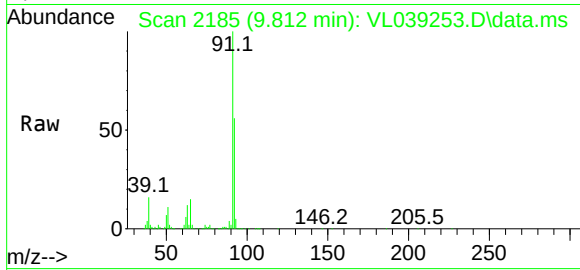
Tgt Ion:164 Resp: 903416
Ion Ratio Lower Upper
164 100
166 128.0 96.3 144.5
129 112.9 82.5 123.7
131 116.8 82.1 123.1





#53
Toluene
Concen: 9.763 ppbv
RT: 9.812 min Scan# 2185
Delta R.T. 0.000 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

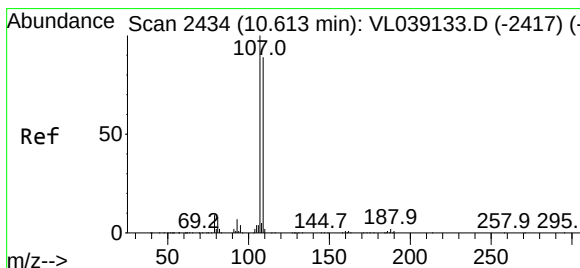
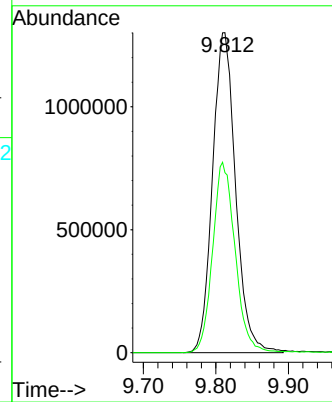
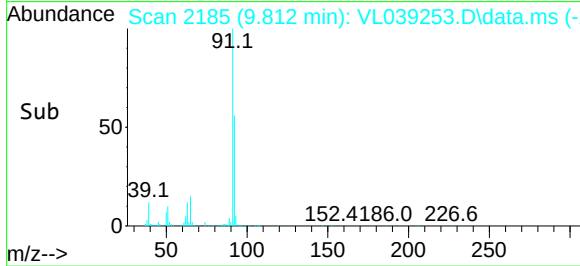
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



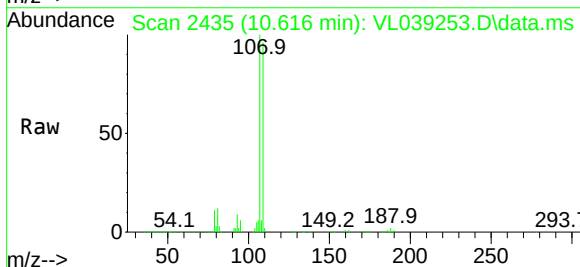
Tgt Ion: 91 Resp: 287927
Ion Ratio Lower Upper
91 100
92 58.2 48.1 72.1

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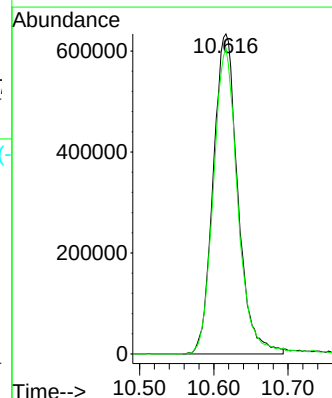
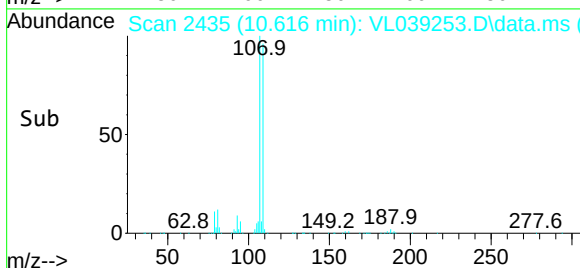
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

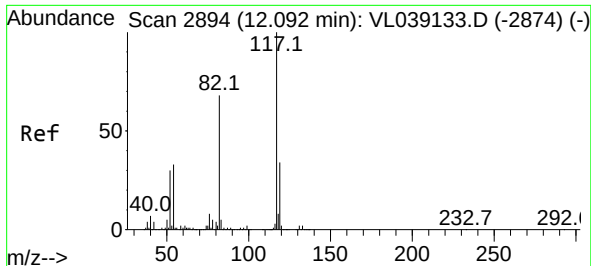


#54
1,2-Dibromoethane
Concen: 10.221 ppbv
RT: 10.616 min Scan# 2435
Delta R.T. 0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34



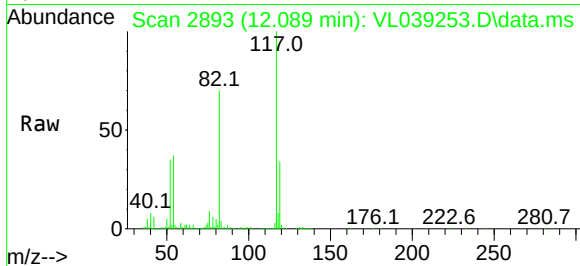
Tgt Ion:107 Resp: 1459735
Ion Ratio Lower Upper
107 100
109 95.5 71.4 107.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.089 min Scan# 2893
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

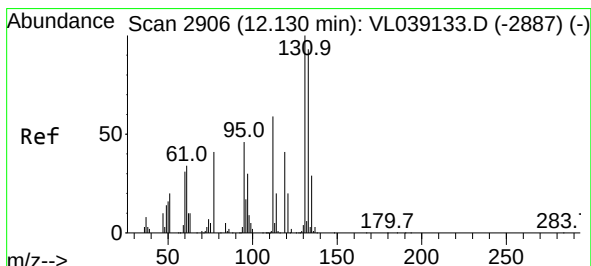
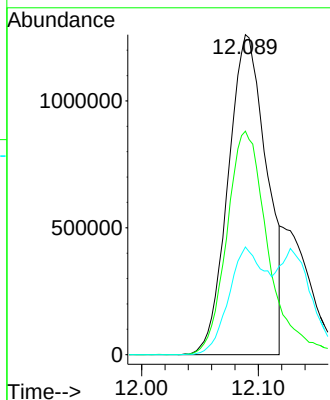
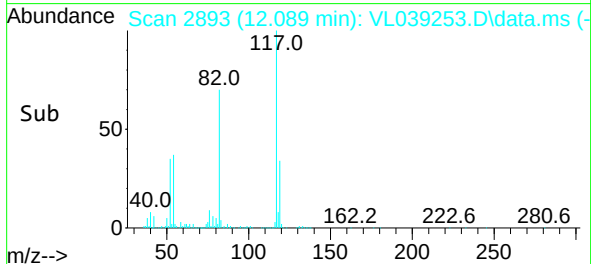
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



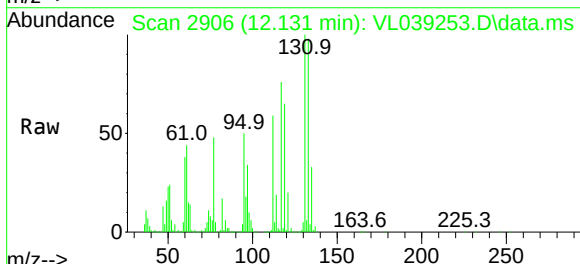
Tgt Ion:117 Resp: 288015
Ion Ratio Lower Upper
117 100
82 76.1 55.1 82.7
119 30.4 24.7 37.1

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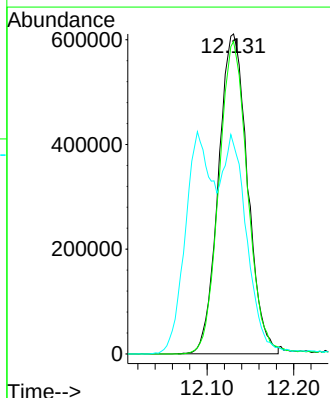
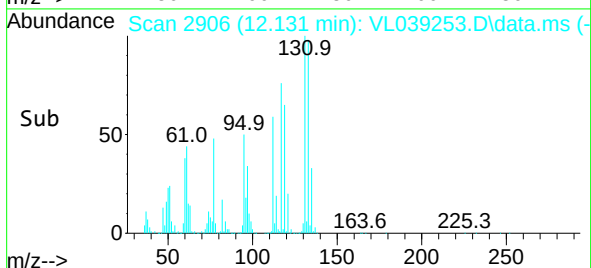
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

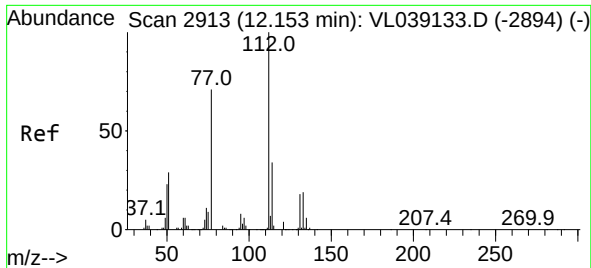


#56
1,1,1,2-Tetrachloroethane
Concen: 10.466 ppbv
RT: 12.131 min Scan# 2906
Delta R.T. 0.000 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34



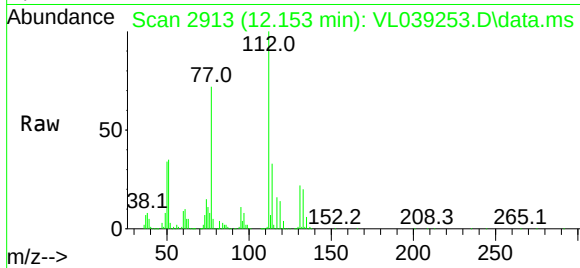
Tgt Ion:131 Resp: 1426366
Ion Ratio Lower Upper
131 100
133 97.5 78.6 117.8
119 60.3 51.7 77.5





#57
Chlorobenzene
Concen: 9.900 ppbv
RT: 12.153 min Scan# 2913
Delta R.T. 0.000 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

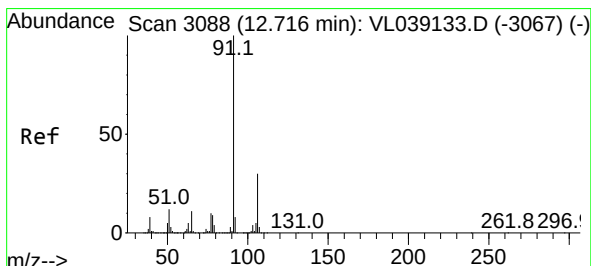
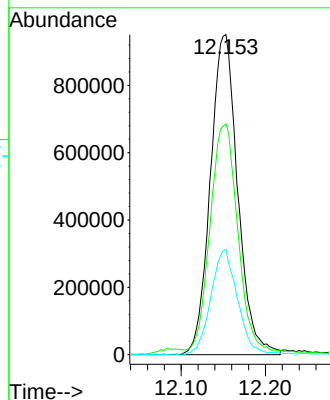
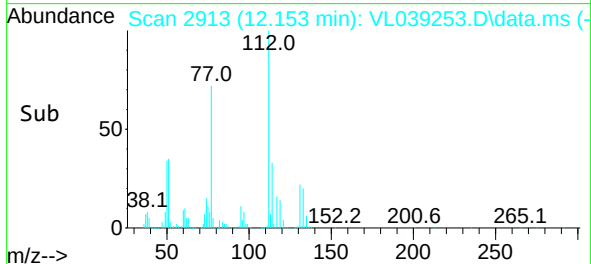
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



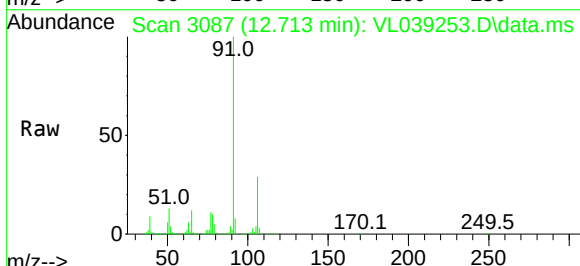
Tgt Ion: 112 Resp: 2145449
Ion Ratio Lower Upper
112 100
77 70.8 56.5 84.7
114 32.7 30.3 37.1

Manual Integrations
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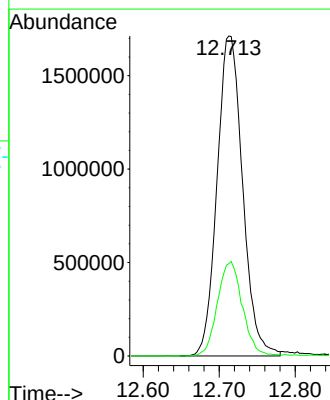
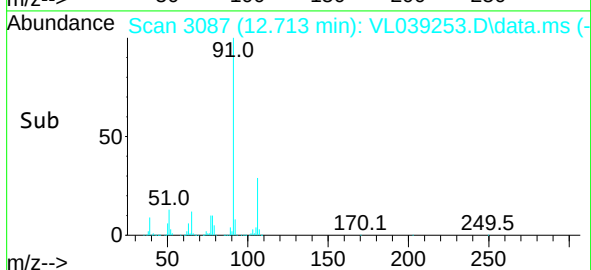
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

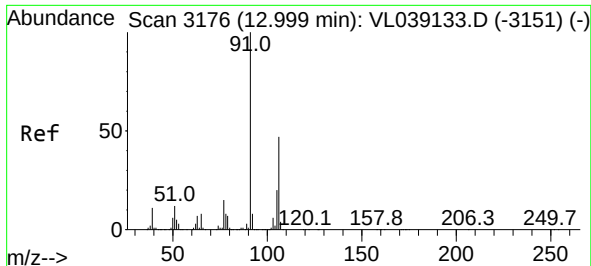


#58
Ethyl Benzene
Concen: 10.077 ppbv
RT: 12.713 min Scan# 3087
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34



Tgt Ion: 91 Resp: 3997851
Ion Ratio Lower Upper
91 100
106 28.8 24.2 36.4





#59

m/p-Xylene

Concen: 20.600 ppbv m

RT: 12.999 min Scan# 3176

Delta R.T. 0.000 min

Lab File: VL039253.D

Acq: 13 Jun 2022 12:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 719692

Ion Ratio Lower Upper

91 100

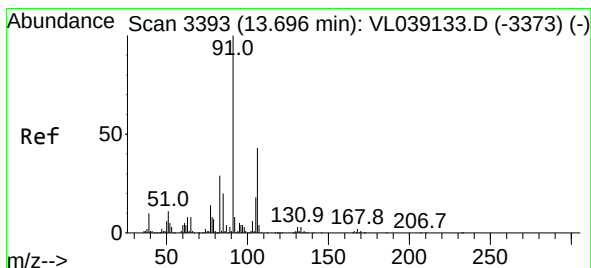
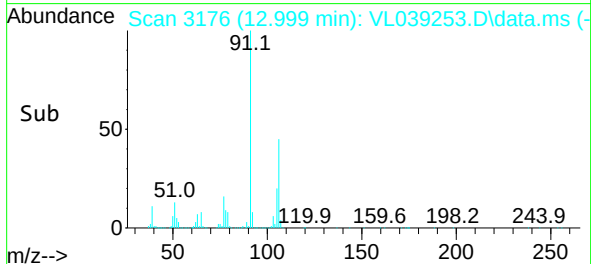
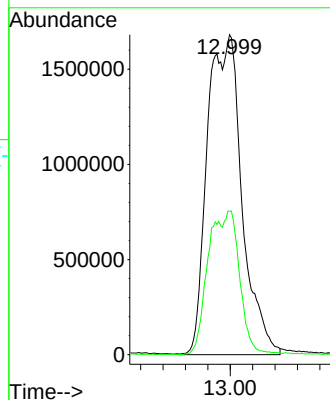
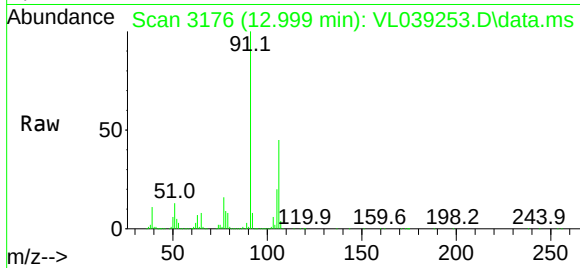
106 40.9 34.3 51.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/14/2022

Supervised By :Mahesh Dadoda 06/16/2022



#60

o-Xylene

Concen: 10.683 ppbv

RT: 13.696 min Scan# 3393

Delta R.T. 0.000 min

Lab File: VL039253.D

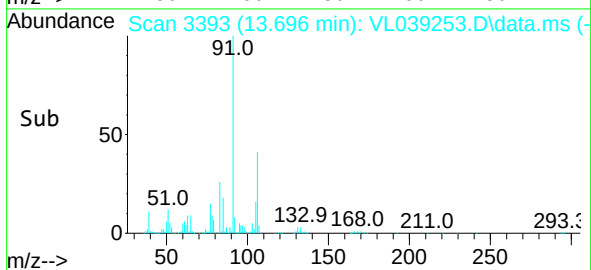
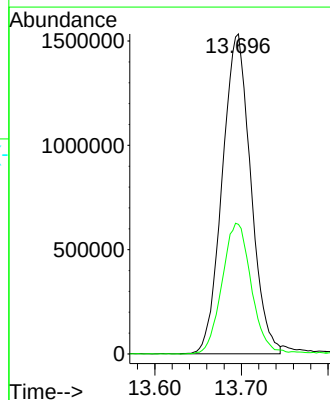
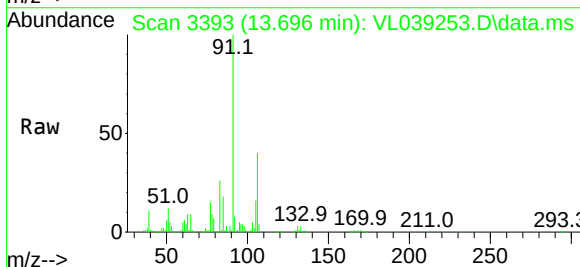
Acq: 13 Jun 2022 12:34

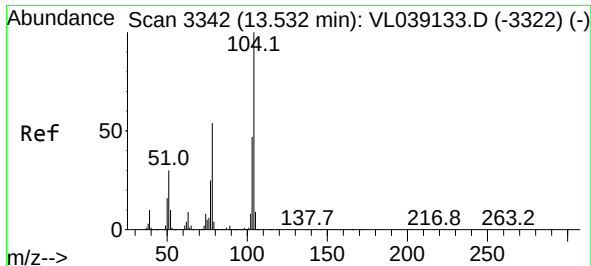
Tgt Ion: 91 Resp: 3507111

Ion Ratio Lower Upper

91 100

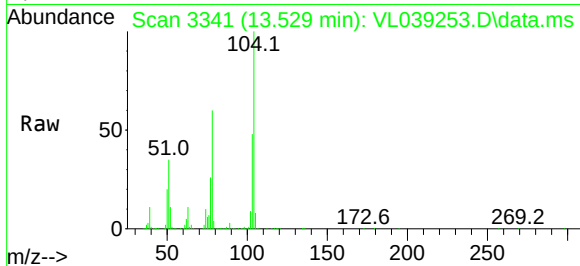
106 42.5 22.3 66.9





#61
Styrene
Concen: 10.407 ppbv
RT: 13.529 min Scan# 3341
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

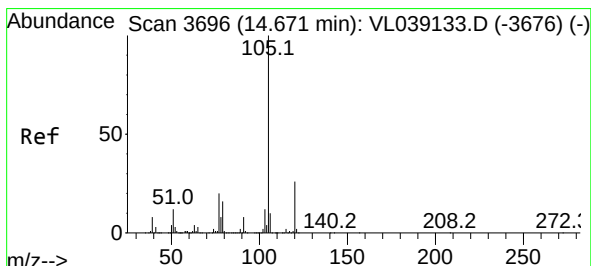
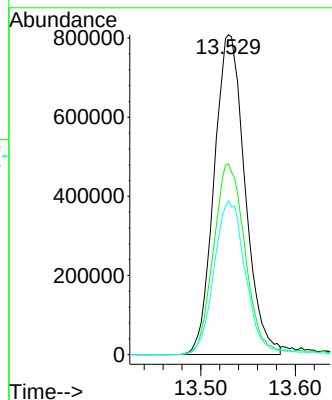
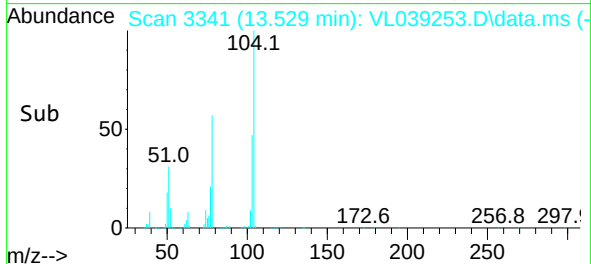
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



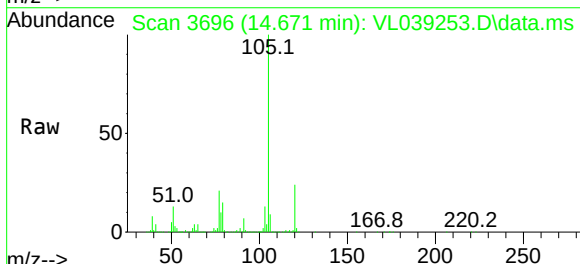
Tgt Ion:104 Resp: 1829475
Ion Ratio Lower Upper
104 100
78 62.2 45.7 68.5
103 49.8 39.6 59.4

Manual Integrations
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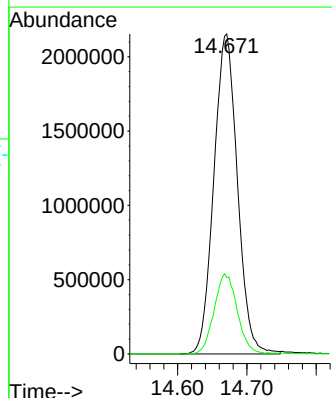
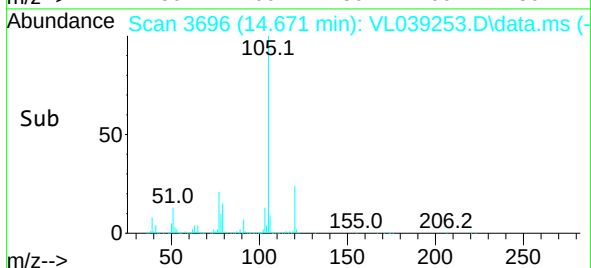
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

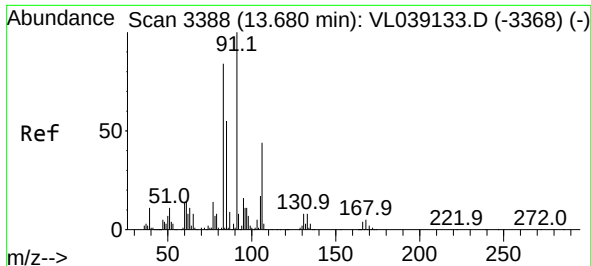


#62
Isopropylbenzene
Concen: 10.426 ppbv
RT: 14.671 min Scan# 3696
Delta R.T. 0.000 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34



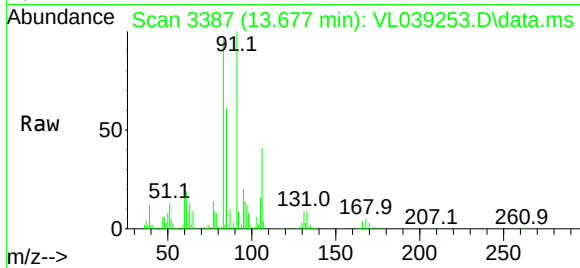
Tgt Ion:105 Resp: 5086884
Ion Ratio Lower Upper
105 100
120 24.9 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 9.724 ppbv
RT: 13.677 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

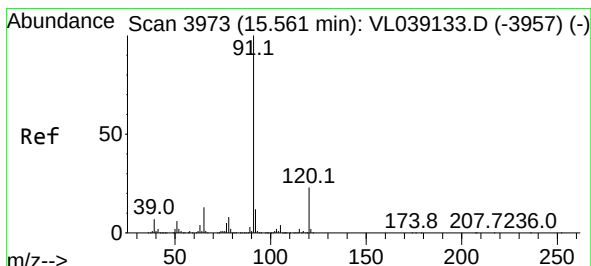
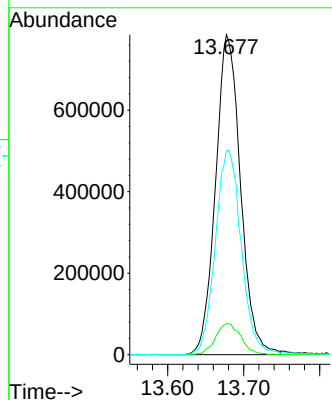
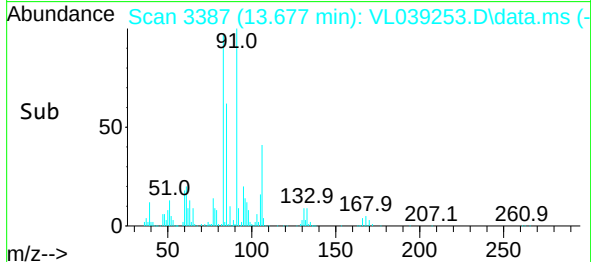
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 179179
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.3
85 66.9 33.0 99.0

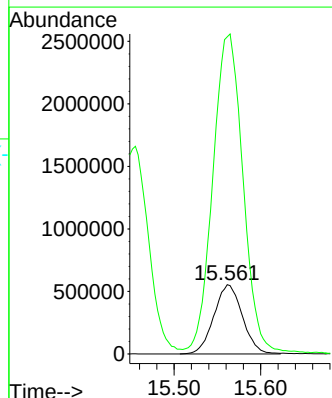
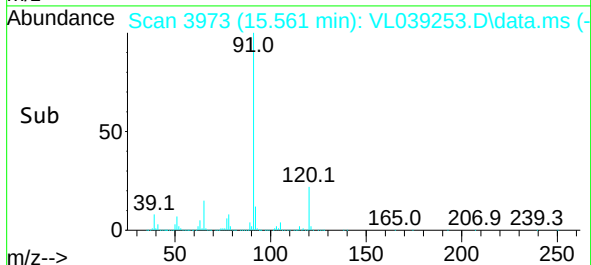
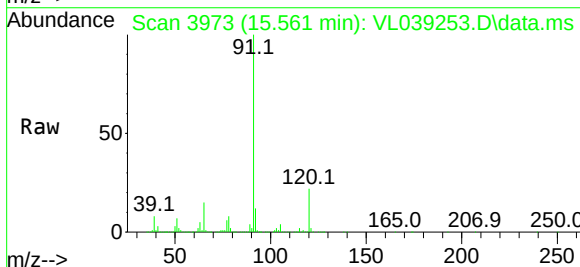
Manual Integrations
APPROVED

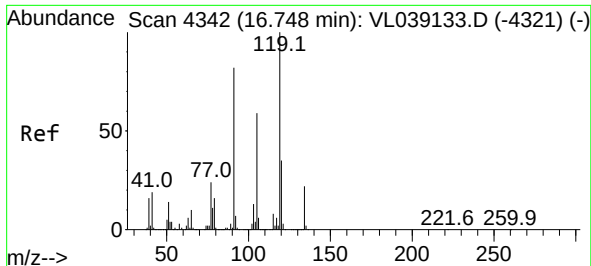
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022



#64
n-propylbenzene
Concen: 10.540 ppbv
RT: 15.561 min Scan# 3973
Delta R.T. 0.000 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

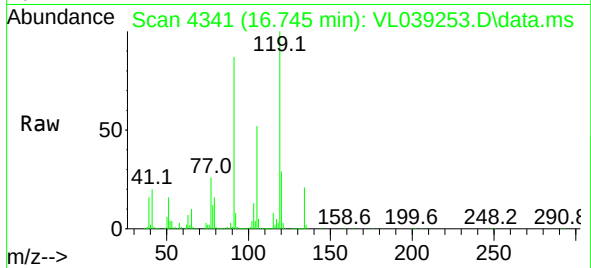
Tgt Ion:120 Resp: 1264182
Ion Ratio Lower Upper
120 100
91 493.7 388.4 582.6





#65
tert-Butylbenzene
Concen: 10.525 ppbv
RT: 16.745 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

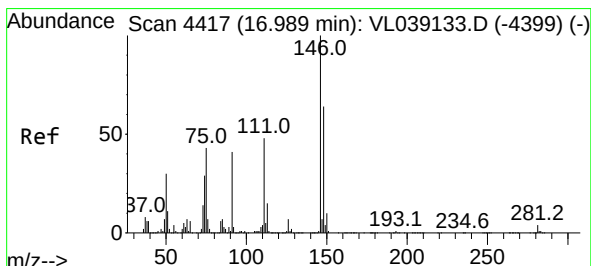
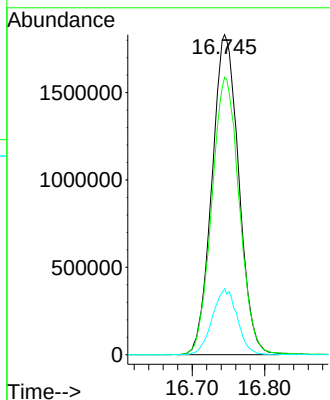
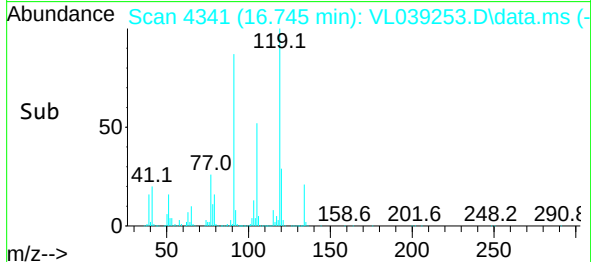
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



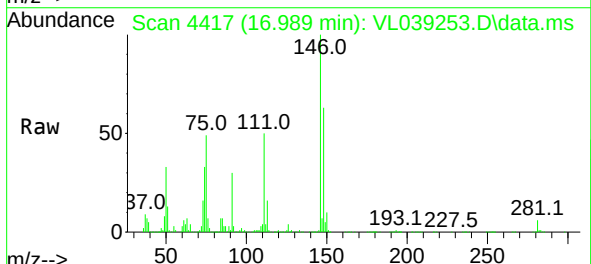
Tgt Ion: 119 Resp: 4696154
Ion Ratio Lower Upper
119 100
91 88.9 67.1 100.7
134 19.2 15.8 23.8

Manual Integrations
APPROVED

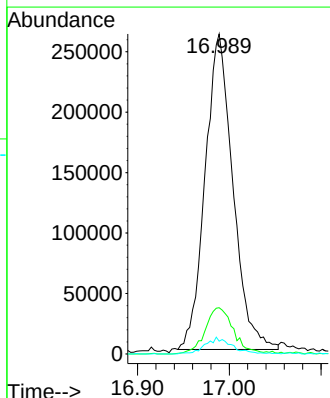
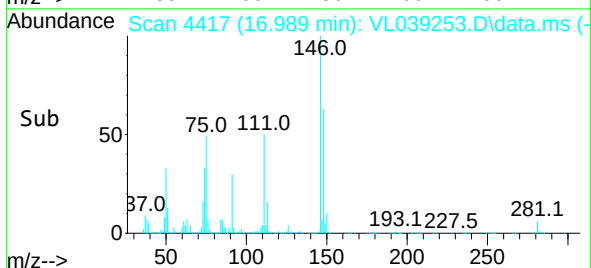
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

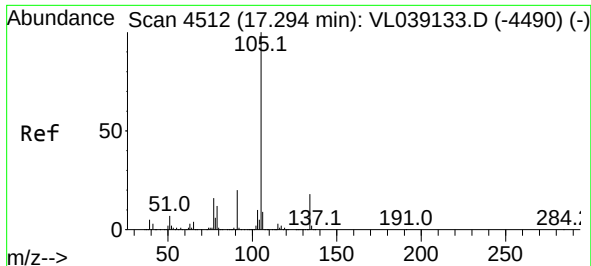


#66
Benzyl Chloride
Concen: 9.499 ppbv
RT: 16.989 min Scan# 4417
Delta R.T. 0.000 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34



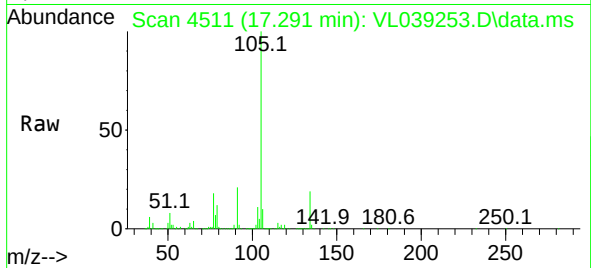
Tgt Ion: 91 Resp: 551081
Ion Ratio Lower Upper
91 100
126 15.1 13.4 20.0
128 5.2 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 10.611 ppbv
 RT: 17.291 min Scan# 4511
 Delta R.T. -0.003 min
 Lab File: VL039253.D
 Acq: 13 Jun 2022 12:34

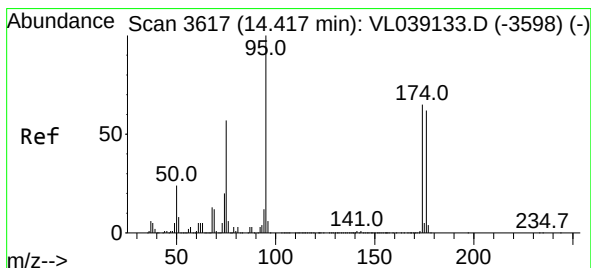
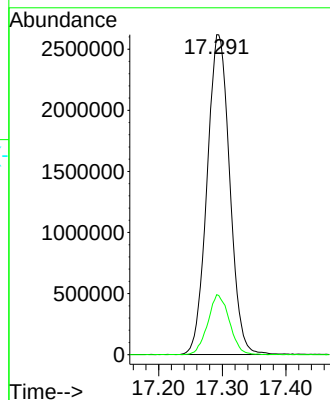
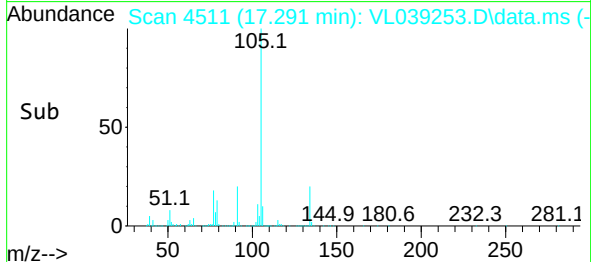
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:105 Resp: 6459838
 Ion Ratio Lower Upper
 105 100
 134 17.9 14.4 21.6

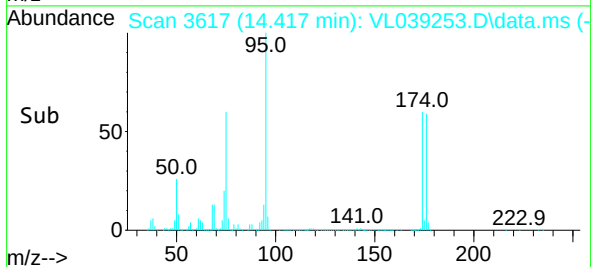
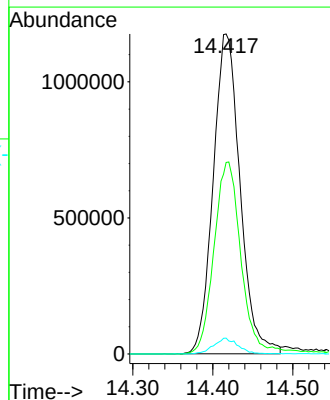
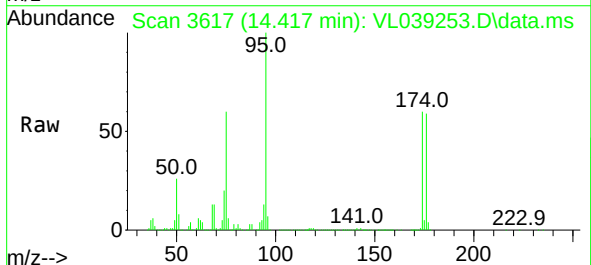
Manual Integrations
 APPROVED

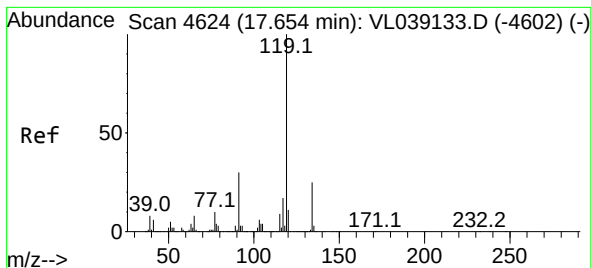
Reviewed By :Semsettin Yesilyurt 06/14/2022
 Supervised By :Mahesh Dadoda 06/16/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 11.528 ppbv
 RT: 14.417 min Scan# 3617
 Delta R.T. 0.000 min
 Lab File: VL039253.D
 Acq: 13 Jun 2022 12:34

Tgt Ion: 95 Resp: 2744890
 Ion Ratio Lower Upper
 95 100
 174 61.2 53.8 80.8
 175 4.6 4.1 6.1





#69

p-Isopropyltoluene

Concen: 10.590 ppbv

RT: 17.651 min Scan# 4623

Delta R.T. -0.003 min

Lab File: VL039253.D

Acq: 13 Jun 2022 12:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 119 Resp: 5439139

Ion Ratio Lower Upper

119 100

134 24.7 20.4 30.6

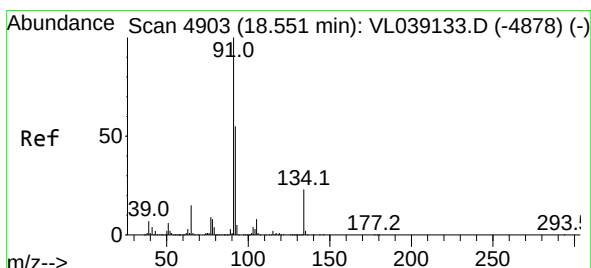
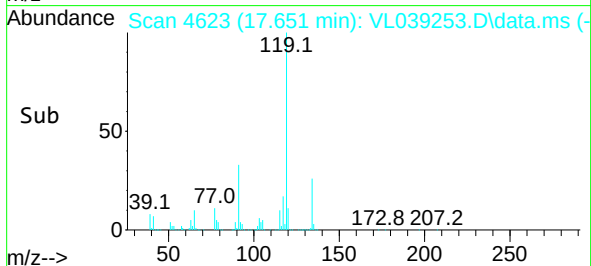
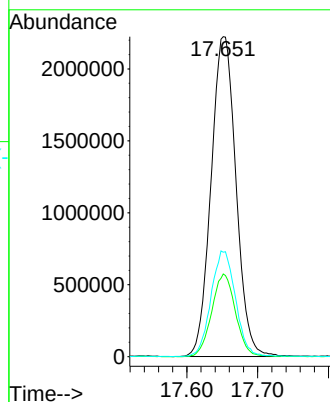
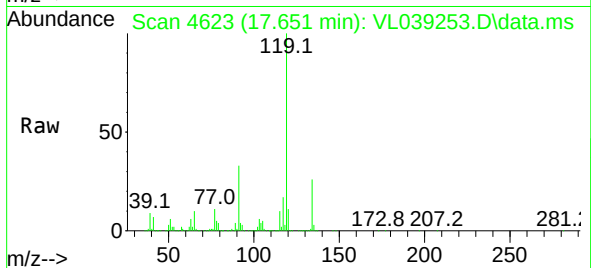
91 32.5 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/14/2022

Supervised By :Mahesh Dadoda 06/16/2022



#70

n-Butylbenzene

Concen: 11.041 ppbv

RT: 18.548 min Scan# 4902

Delta R.T. -0.003 min

Lab File: VL039253.D

Acq: 13 Jun 2022 12:34

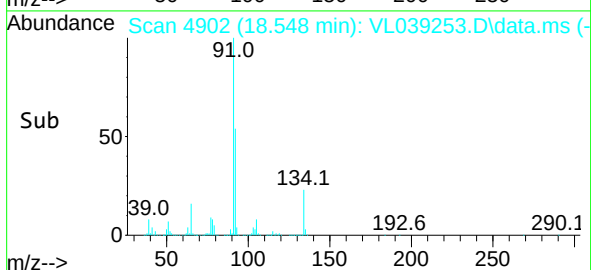
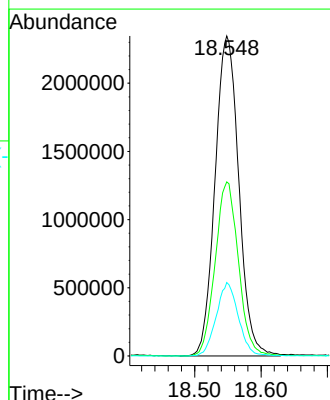
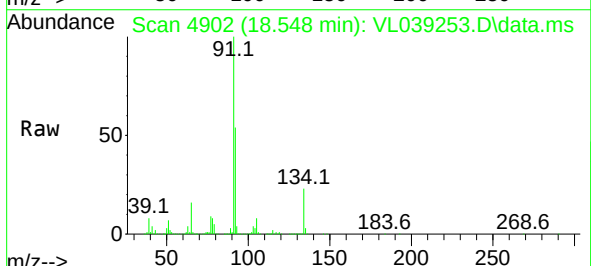
Tgt Ion: 91 Resp: 5820946

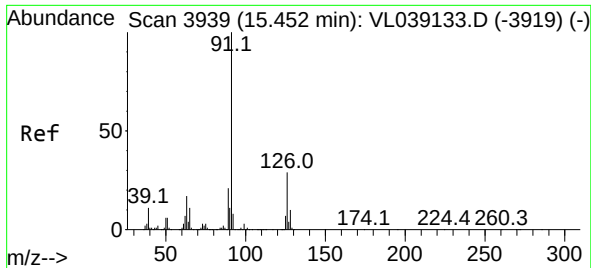
Ion Ratio Lower Upper

91 100

92 53.4 43.6 65.4

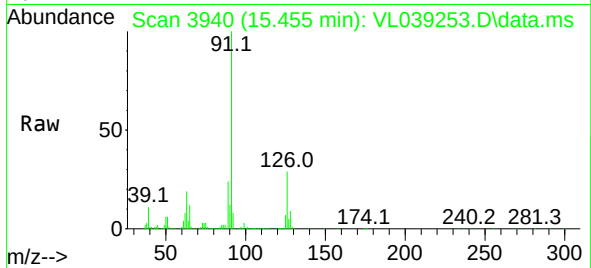
134 21.5 17.7 26.5





#71
2-Chlorotoluene
Concen: 10.471 ppbv
RT: 15.455 min Scan# 3939
Delta R.T. 0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

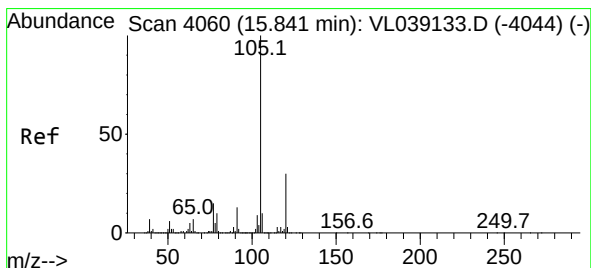
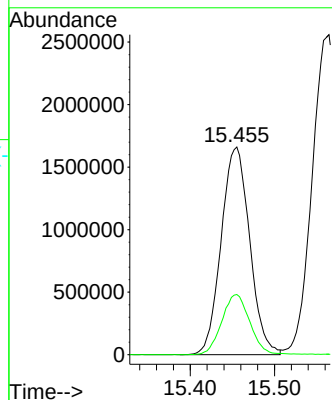
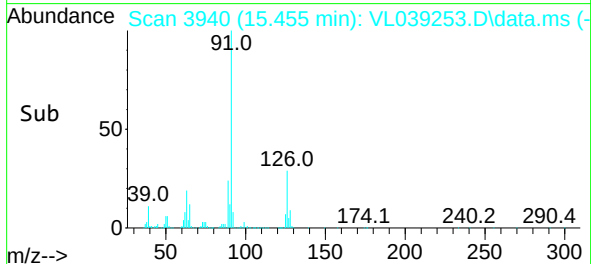
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



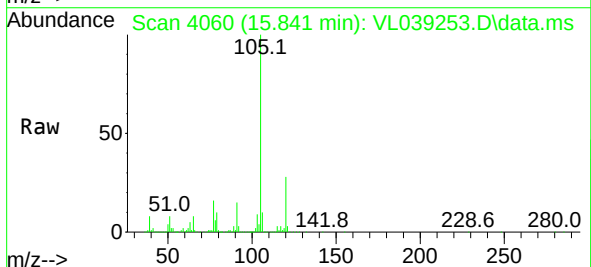
Tgt Ion: 91 Resp: 3895994
Ion Ratio Lower Upper
91 100
126 29.0 12.2 48.6

Manual Integrations
APPROVED

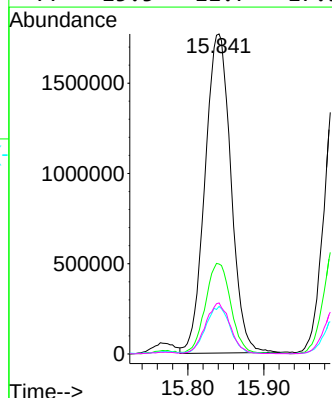
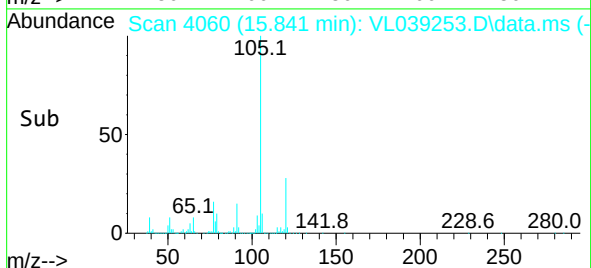
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

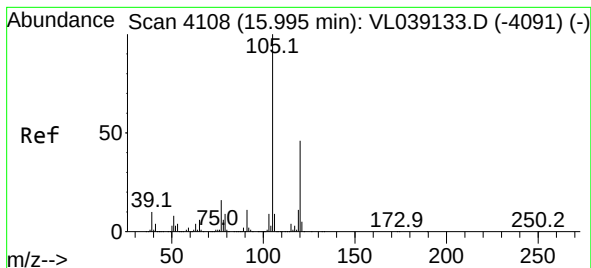


#72
4-Ethyltoluene
Concen: 10.852 ppbv
RT: 15.841 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34



Tgt Ion:105 Resp: 4175170
Ion Ratio Lower Upper
105 100
120 28.2 23.9 35.9
91 14.2 10.6 16.0
77 15.5 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 10.916 ppbv

RT: 15.999 min Scan# 4109

Delta R.T. 0.003 min

Lab File: VL039253.D

Acq: 13 Jun 2022 12:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 378827

Ion Ratio Lower Upper

105 100

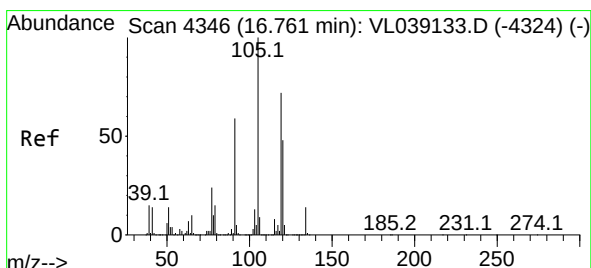
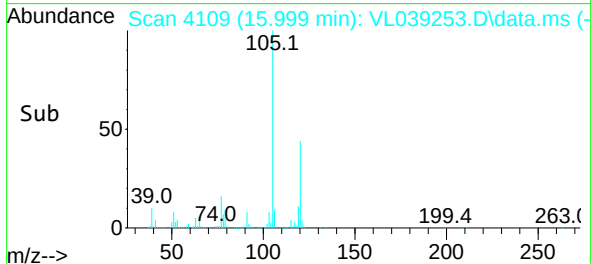
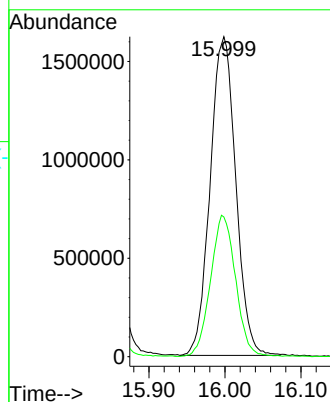
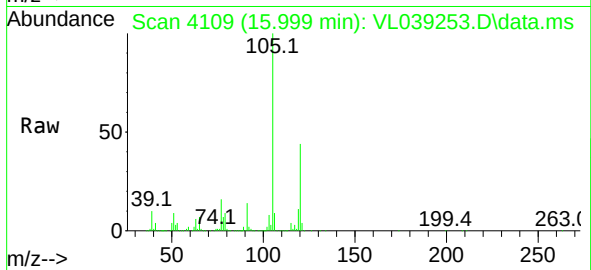
120 43.7 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/14/2022

Supervised By :Mahesh Dadoda 06/16/2022



#74

1,2,4-Trimethylbenzene

Concen: 10.822 ppbv

RT: 16.764 min Scan# 4347

Delta R.T. 0.003 min

Lab File: VL039253.D

Acq: 13 Jun 2022 12:34

Tgt Ion:105 Resp: 4191172

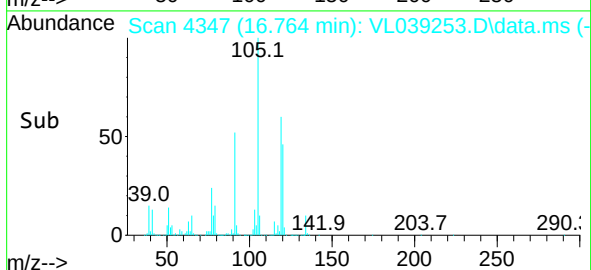
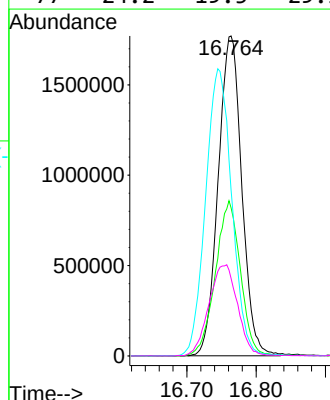
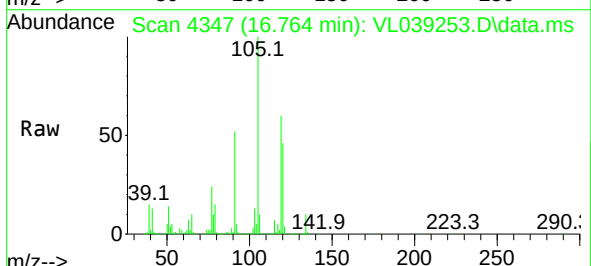
Ion Ratio Lower Upper

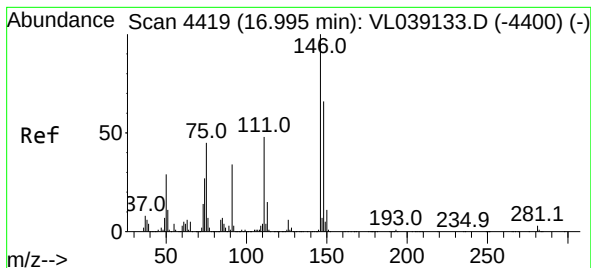
105 100

120 46.2 38.1 57.1

91 51.6 47.4 71.0

77 24.2 19.5 29.3





#75

1,3-Dichlorobenzene

Concen: 10.467 ppbv

RT: 16.995 min Scan# 4419

Delta R.T. 0.000 min

Lab File: VL039253.D

Acq: 13 Jun 2022 12:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 2294338

Ion Ratio Lower Upper

146 100

111 48.9 23.8 71.4

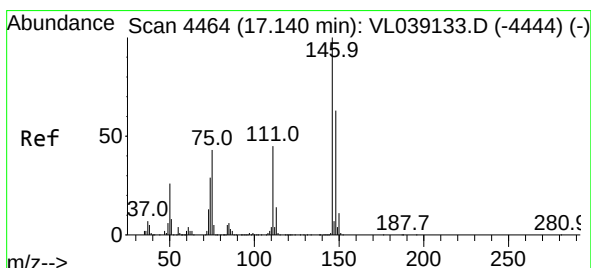
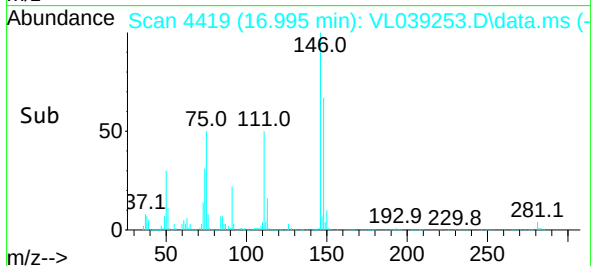
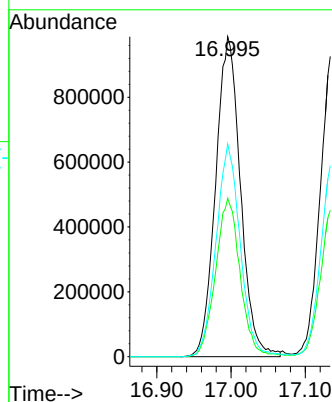
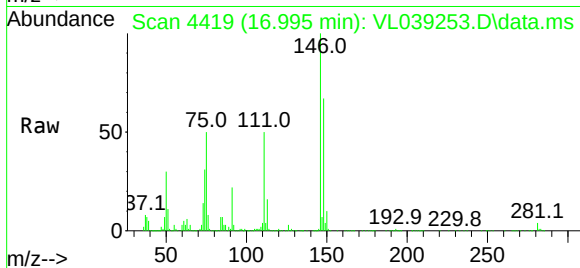
148 64.7 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/14/2022

Supervised By :Mahesh Dadoda 06/16/2022



#76

1,4-Dichlorobenzene

Concen: 10.174 ppbv

RT: 17.137 min Scan# 4463

Delta R.T. -0.003 min

Lab File: VL039253.D

Acq: 13 Jun 2022 12:34

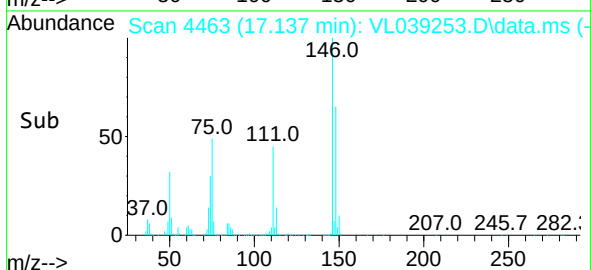
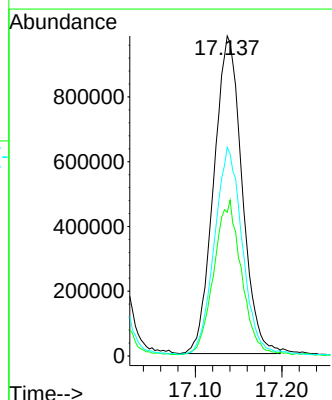
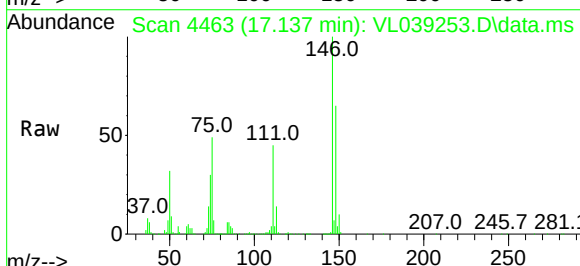
Tgt Ion:146 Resp: 2225026

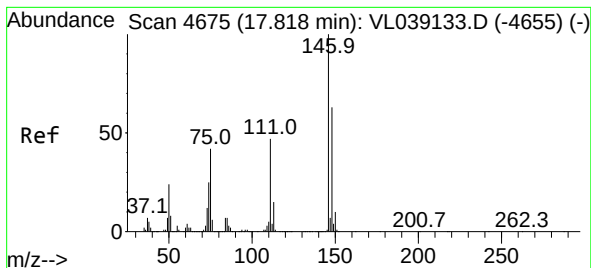
Ion Ratio Lower Upper

146 100

111 49.2 23.6 71.0

148 66.0 33.7 101.0





#77

1,2-Dichlorobenzene

Concen: 10.062 ppbv

RT: 17.815 min Scan# 401

Delta R.T. -0.003 min

Lab File: VL039253.D

Acq: 13 Jun 2022 12:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 222297

Ion Ratio Lower Upper

146 100

111 51.0 24.4 73.4

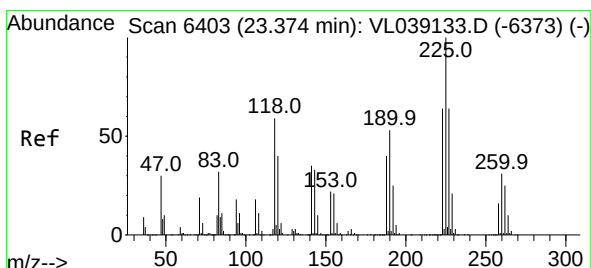
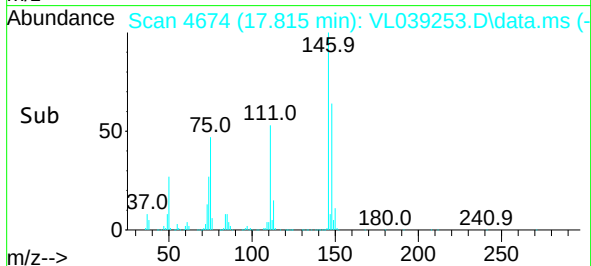
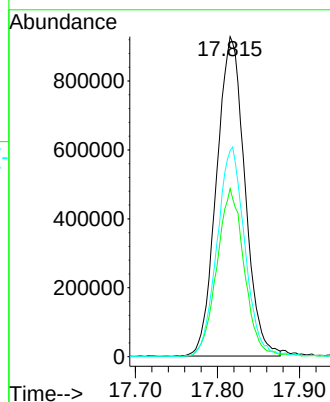
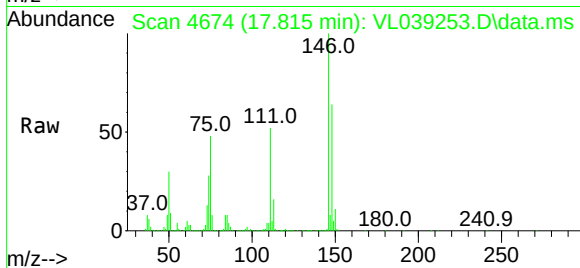
148 64.5 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/14/2022

Supervised By :Mahesh Dadoda 06/16/2022



#78

Hexachloro-1,3-Butadiene

Concen: 9.353 ppbv

RT: 23.368 min Scan# 6401

Delta R.T. -0.006 min

Lab File: VL039253.D

Acq: 13 Jun 2022 12:34

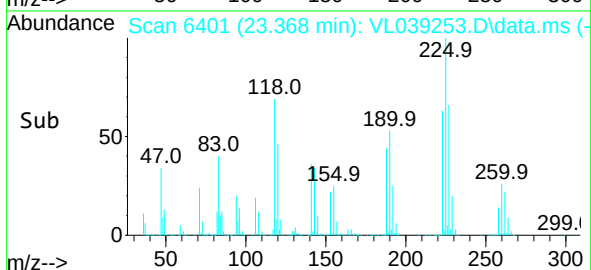
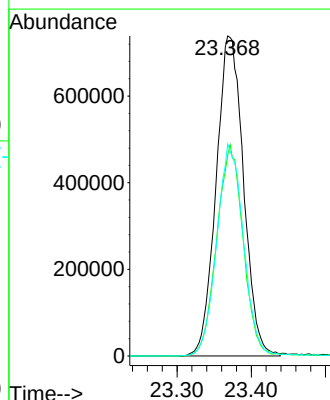
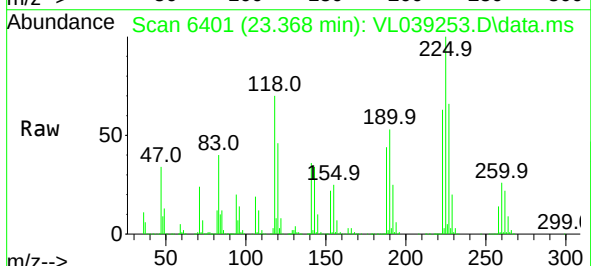
Tgt Ion:225 Resp: 1889565

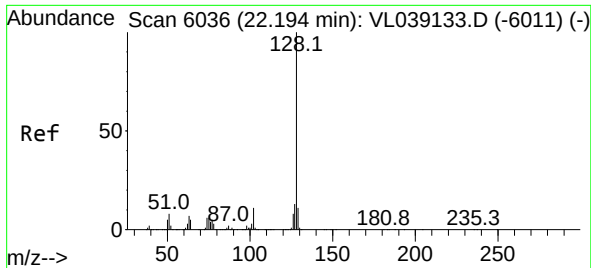
Ion Ratio Lower Upper

225 100

223 64.0 51.4 77.0

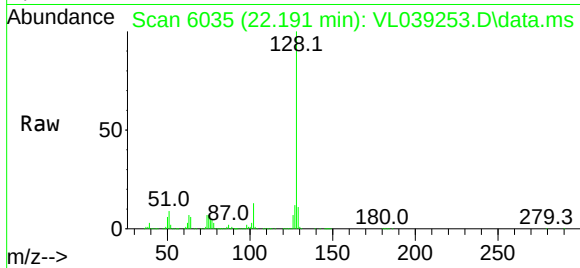
227 64.6 50.6 75.8





#79
Naphthalene
Concen: 11.310 ppbv
RT: 22.191 min Scan# 6035
Delta R.T. -0.003 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34

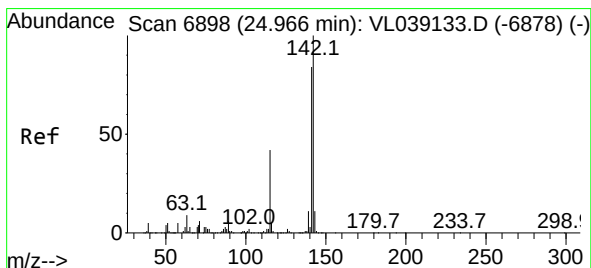
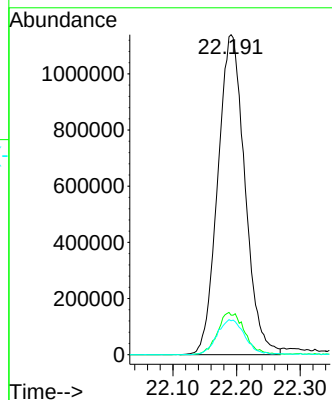
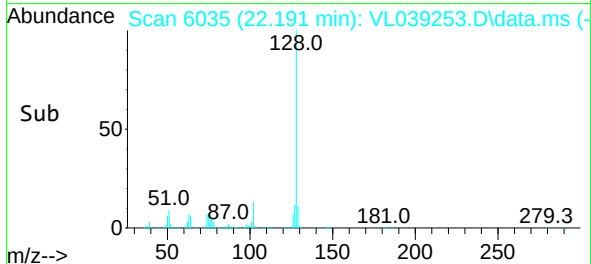
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



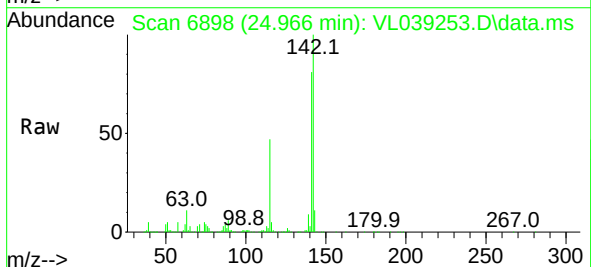
Tgt Ion:128 Resp: 337172
Ion Ratio Lower Upper
128 100
127 12.4 10.4 15.6
129 10.6 9.0 13.6

Manual Integrations
APPROVED

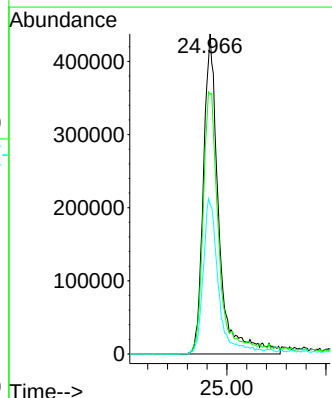
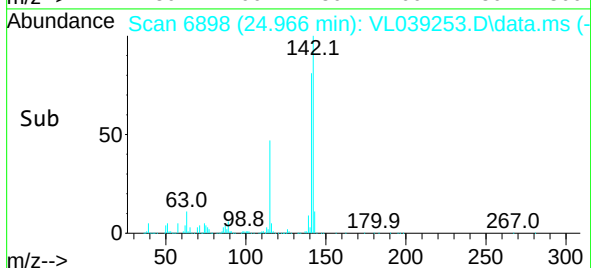
Reviewed By :Semsettin Yesilyurt 06/14/2022
Supervised By :Mahesh Dadoda 06/16/2022

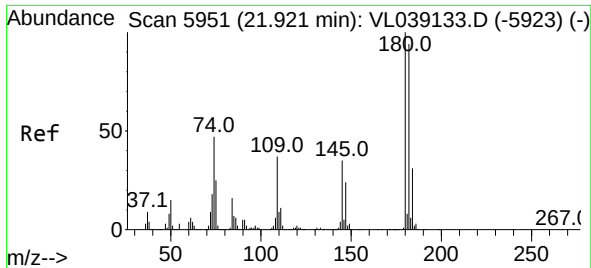


#80
Naphthalene,2-methyl-
Concen: 8.525 ppbv
RT: 24.966 min Scan# 6898
Delta R.T. 0.000 min
Lab File: VL039253.D
Acq: 13 Jun 2022 12:34



Tgt Ion:142 Resp: 944194
Ion Ratio Lower Upper
142 100
141 86.5 64.6 96.8
115 51.2 32.7 49.1#





#81

1,2,4-Trichlorobenzene

Concen: 10.374 ppbv

RT: 21.918 min Scan# 5950

Delta R.T. -0.003 min

Lab File: VL039253.D

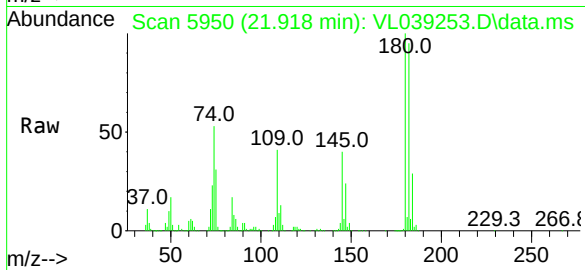
Acq: 13 Jun 2022 12:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 195928

Ion Ratio Lower Upper

180 100

182 97.8 0.0 0.0

184 31.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/14/2022

Supervised By :Mahesh Dadoda 06/16/2022

