

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060822\
 Data File : VL039231.D
 Acq On : 8 Jun 2022 12:24
 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 06/09/2022
 Supervised By : Mahesh Dadoda 06/09/2022

Quant Time: Jun 09 06:39:25 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 09 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	5.671	49	1352135	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.182	114	3355628	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.092	117	3109415	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.416 95 2622746 10.203 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.057	85	2068551	8.710	ppbv	99
3) Chlorodifluoromethane	2.996	51	1655679	9.624	ppbv	98
4) Chloromethane	3.147	50	814001	9.211	ppbv	98
5) Vinyl Chloride	3.263	62	822953	9.962	ppbv	99
6) Bromomethane	3.478	94	391250	9.627	ppbv	96
7) Chloroethane	3.565	64	286479	9.952	ppbv	98
8) Dichlorotetrafluoroethane	3.195	85	2070041	9.537	ppbv	99
9) Propene	3.018	41	689777	9.195	ppbv	100
10) Heptane	8.127	43	1611337	9.208	ppbv	99
11) Trichlorofluoromethane	3.957	101	1981861	9.219	ppbv	99
12) 1,1,2-Trichlorotrifluoro...	4.491	101	1318150	9.272	ppbv	97
13) Ethanol	3.613	45	38388m	9.383	ppbv	
14) Bromoethene	3.745	108	632936	9.903	ppbv	98
15) Acetone	3.854	43	1458555	10.355	ppbv	100
16) 1,3-Butadiene	3.336	39	750519	9.912	ppbv	100
17) tert-Butyl alcohol	4.285	59	1274377	11.665	ppbv	99
18) 1,1-Dichloroethene	4.295	96	614223	9.631	ppbv	95
19) Isopropyl Alcohol	3.963	45	693352	10.495	ppbv	99
20) Methylene Chloride	4.353	84	506575	8.535	ppbv	97
21) Allyl Chloride	4.417	41	876660	9.227	ppbv	97
22) trans-1,2-Dichloroethene	4.893	96	598631	9.756	ppbv	91
23) Vinyl Acetate	5.076	43	1010467	8.671	ppbv	97
24) 1,1-Dichloroethane	5.018	63	1230914	7.709	ppbv	100
25) Ethyl Acetate	5.677	43	3253715	10.249	ppbv	99
26) Hexane	5.693	57	1277732	9.159	ppbv	90
27) Carbon Disulfide	4.558	76	1397282	9.664	ppbv	99
28) Methyl tert-Butyl Ether	5.041	73	1270189	8.247	ppbv	100
29) Chloroform	5.758	83	2162132	9.210	ppbv	98
30) Cyclohexane	7.137	84	1045671	8.922	ppbv	99
31) cis-1,2-Dichloroethene	5.552	61	1337734	9.404	ppbv	99
32) 1,1,1-Trichloroethane	6.520	97	2258550	9.832	ppbv	100
34) 2-Butanone	5.246	43	1784528	9.789	ppbv	100
35) Carbon Tetrachloride	7.024	117	2369875	9.676	ppbv	96
36) Benzene	6.899	78	2511460	9.219	ppbv	98
37) 1,2-Dichloroethane	6.311	62	1740641	9.708	ppbv	99
38) Trichloroethene	7.841	130	1063372	8.498	ppbv	98
39) 1,2-Dichloropropane	7.619	63	1006108	9.285	ppbv	96
40) 1,4-Dioxane	7.835	88	358366	10.046	ppbv #	1
41) Tetrahydrofuran	6.053	42	1010365	9.215	ppbv	99
42) Bromodichloromethane	7.796	83	2382906	9.577	ppbv	98
43) Methyl Methacrylate	8.021	69	1125276	10.604	ppbv	98
44) 2,2,4-Trimethylpentane	7.877	57	4345792	9.119	ppbv	99
45) t-1,3-Dichloropropene	9.282	75	950410	8.600	ppbv	95

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 09 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	1258560	8.621	ppbv	98
47) 1,1,2-Trichloroethane	9.481	97	1072060	9.483	ppbv	97
48) Dibromochloromethane	10.310	129	2002696	9.921	ppbv	99
49) Bromoform	13.043	173	1680978	9.993	ppbv	98
50) 4-Methyl-2-Pentanone	8.741	43	2716056	9.953	ppbv	100
51) 2-Hexanone	10.134	43	2092324	9.854	ppbv #	99
52) Tetrachloroethene	11.230	164	974568	9.162	ppbv	96
53) Toluene	9.809	91	2995226	9.548	ppbv	99
54) 1,2-Dibromoethane	10.613	107	1582549	10.417	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.130	131	1467512	9.974	ppbv	96
57) Chlorobenzene	12.150	112	2241854	9.582	ppbv	99
58) Ethyl Benzene	12.716	91	4170630	9.738	ppbv	98
59) m/p-Xylene	12.998	91	7204411m	19.101	ppbv	
60) o-Xylene	13.696	91	3472143	9.797	ppbv	99
61) Styrene	13.532	104	1915952	10.095	ppbv	99
62) Isopropylbenzene	14.670	105	5303283	10.068	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.680	83	2316364	11.644	ppbv	99
64) n-propylbenzene	15.564	120	1372090	10.596	ppbv	98
65) tert-Butylbenzene	16.744	119	4824266	10.015	ppbv	99
66) Benzyl Chloride	16.992	91	369018	5.892	ppbv	98
67) sec-Butylbenzene	17.294	105	6770429	10.301	ppbv	99
69) p-Isopropyltoluene	17.651	119	5715724	10.308	ppbv	100
70) n-Butylbenzene	18.551	91	6081145	10.685	ppbv	100
71) 2-Chlorotoluene	15.455	91	4124716	10.268	ppbv	99
72) 4-Ethyltoluene	15.841	105	4209544	10.134	ppbv	99
73) 1,3,5-Trimethylbenzene	15.998	105	3826048	10.212	ppbv	99
74) 1,2,4-Trimethylbenzene	16.764	105	4188623	10.018	ppbv	96
75) 1,3-Dichlorobenzene	16.998	146	2398509	10.135	ppbv	99
76) 1,4-Dichlorobenzene	17.140	146	2325286	9.848	ppbv	99
77) 1,2-Dichlorobenzene	17.815	146	2381308	9.984	ppbv	99
78) Hexachloro-1,3-Butadiene	23.374	225	1980946	9.083	ppbv	98
79) Naphthalene	22.194	128	3562898	11.070	ppbv	99
80) Naphthalene,2-methyl-	24.966	142	941284	7.872	ppbv	95
81) 1,2,4-Trichlorobenzene	21.927	180	2021253	9.913	ppbv #	100

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

Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

Abundance

TIC: VL039231.D\data.ms

Time-->

1.15e+07

1.1e+07

1.05e+07

1e+07

9500000

9000000

8500000

8000000

7500000

7000000

6500000

6000000

5500000

5000000

4500000

4000000

3500000

3000000

2500000

2000000

1500000

1000000

500000

0

4.00

6.00

8.00

10.00

12.00

14.00

16.00

18.00

20.00

22.00

24.00

26.00

Dichlorotetrafluoroethane, T

Chlorodifluoromethane, T

Chlorotrifluoromethane, T

1,1,1-Trichloroethane, T

Isopropylchloroethane, T

sec-Butylchloroethane, T

tert-Butylchloroethane, T

1,1,2-Trichloroethane, T

Carbon Disulfide, T

Vinyl Acetate, T

2-Butanone, T

cis-1,2-Dichloroethene, T

Chloroform, T

Hexachlorocyclopentadiene, T

Tetrahydrofuran, T

1,2-Dichloroethane, T

1,1,1-Trichloroethane, T

Benzene, T

Carbon Tetrachloride, T

1,4-Difluorobenzene, T

1,2-Dichloropropane, T

1,2-Dichloroethane, T

Methyl Methacrylate, T

cis-1,3-Dichloropropene, T

1,1,2-Trichloroethane, T

1,1,2-Trichloroethane, T

Toluene, T

2-Hexanone, T

Dibromochloromethane, T

1,2-Dibromoethane, T

Tetrachloroethene, T

Chlorobenzene, T

1,1,2,2-Tetrachloroethane

Ethyl Benzene, T

m/p-Xylene, T

Bromodrom, T

Styrene, T

1-Bromo-4-Fluorobenzene S

Isopropylbenzene

2-Chloropropylbenzene

4-Ethyltoluene, T

1,3,5-Trimethylbenzene, T

1,4-Dichlorobenzene, T

1,2-Dichlorobenzene, T

1,4-Dichlorobenzene, T

1,2-Dichlorobenzene, T

sec-Butylbenzene

p-Isopropyltoluene

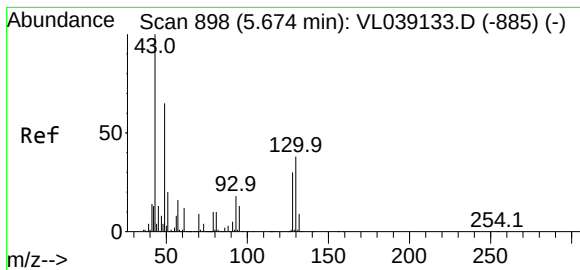
n-Butylbenzene

1,2,4-Trichlorobenzene, T

Naphthalene, T

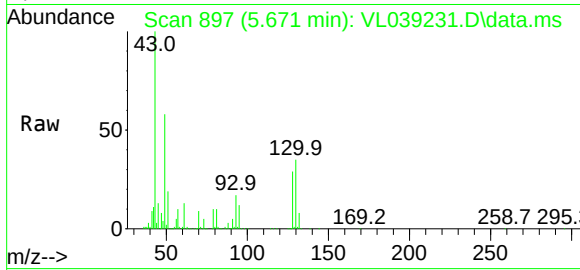
Hexachloro-1,3-Butadiene, T

Naphthalene, 2-methyl-, T



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 89
Delta R.T. -0.003 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

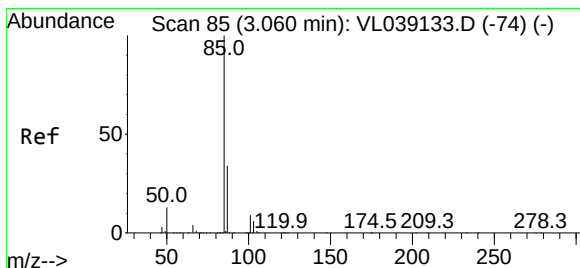
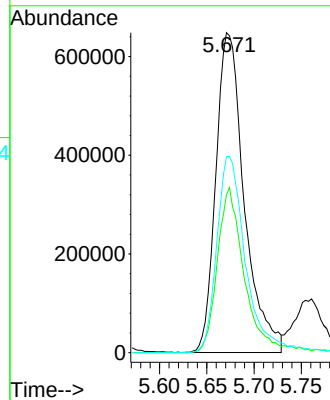
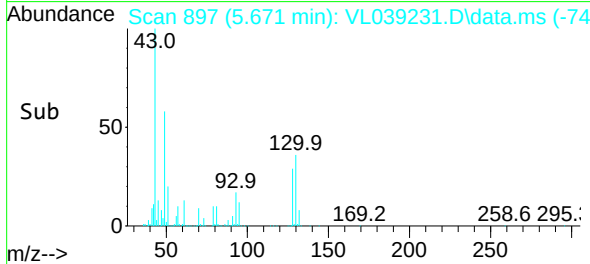
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 49 Resp: 135213
Ion Ratio Lower Upper
49 100
128 50.4 24.7 74.1
130 63.9 31.4 94.0

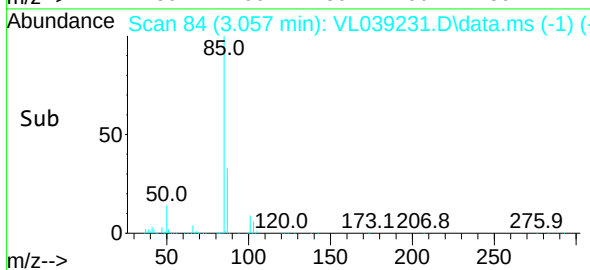
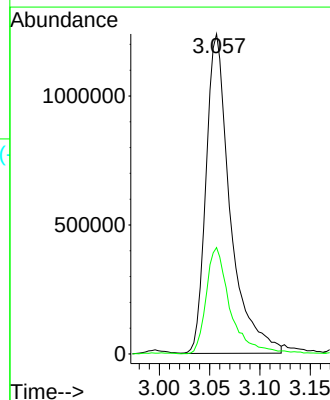
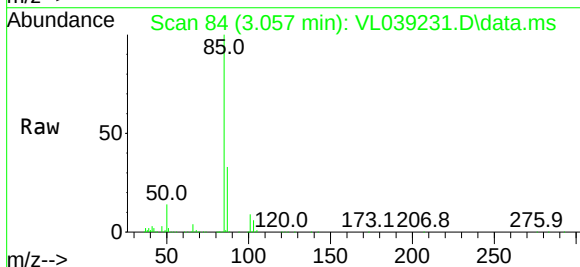
Manual Integrations
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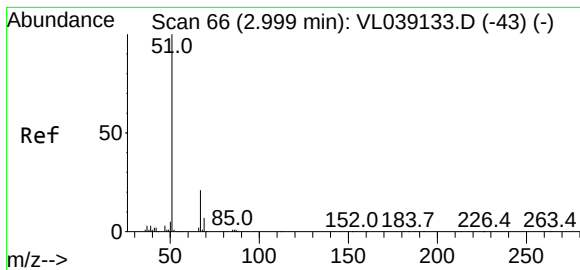
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#2
Dichlorodifluoromethane
Concen: 8.710 ppbv
RT: 3.057 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

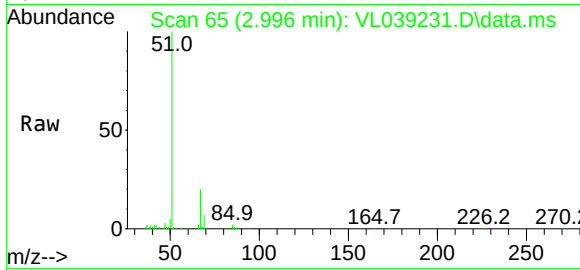
Tgt Ion: 85 Resp: 2068551
Ion Ratio Lower Upper
85 100
87 33.2 26.9 40.3





#3
Chlorodifluoromethane
Concen: 9.624 ppbv
RT: 2.996 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

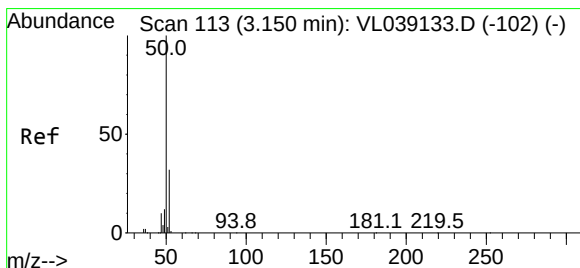
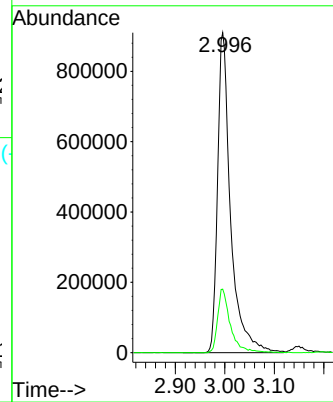
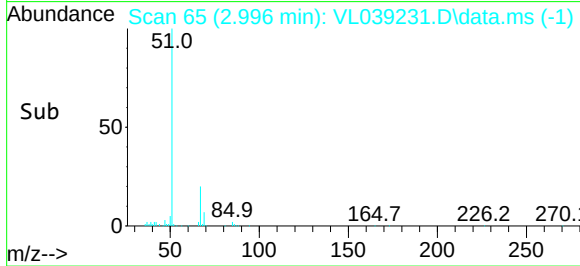
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



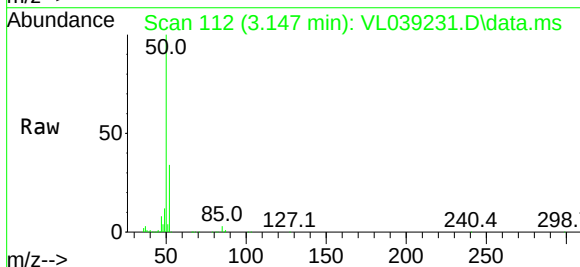
Tgt Ion: 51 Resp: 1655679
Ion Ratio Lower Upper
51 100
67 19.6 16.2 24.4

Manual Integrations
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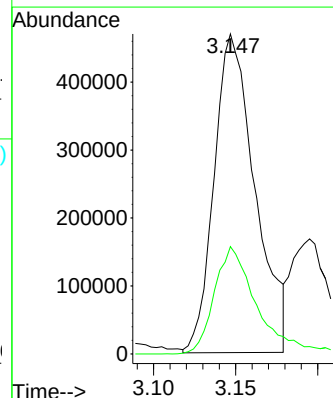
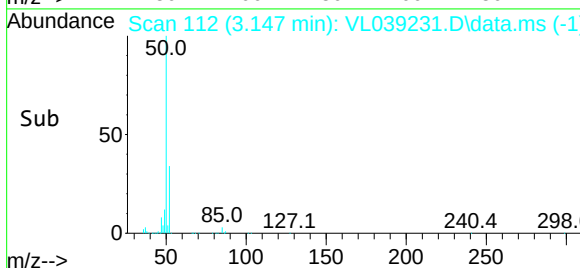
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

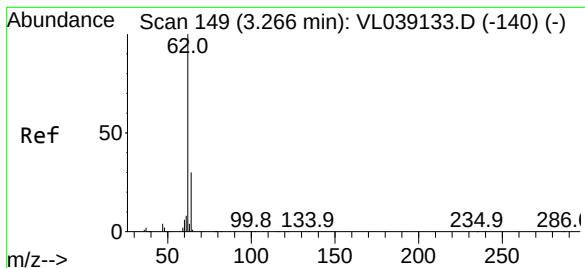


#4
Chloromethane
Concen: 9.211 ppbv
RT: 3.147 min Scan# 112
Delta R.T. -0.003 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24



Tgt Ion: 50 Resp: 814001
Ion Ratio Lower Upper
50 100
52 33.8 25.9 38.9





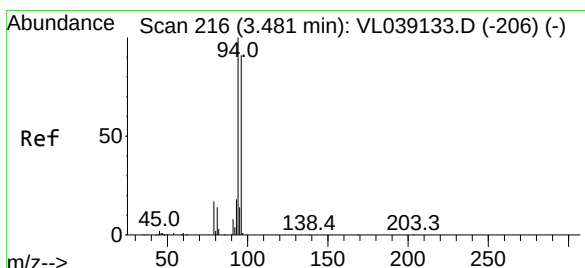
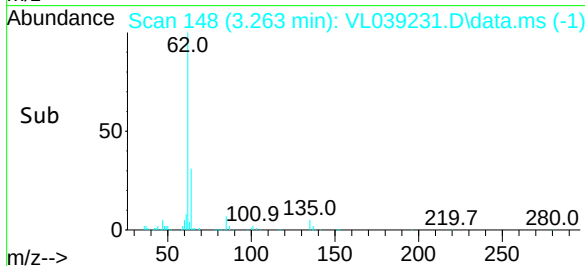
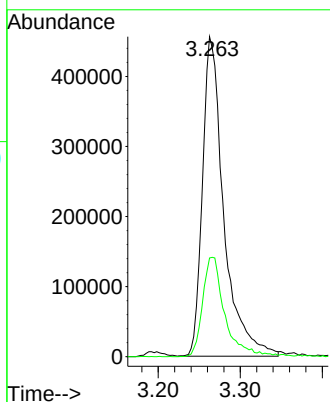
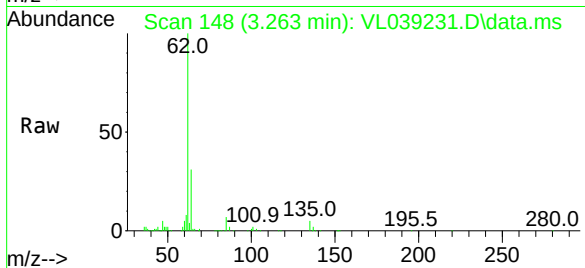
#5
 Vinyl Chloride
 Concen: 9.962 ppbv
 RT: 3.263 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VL039231.D
 Acq: 8 Jun 2022 12:24

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 82295
 Ion Ratio Lower Upper
 62 100
 64 30.9 24.2 36.2

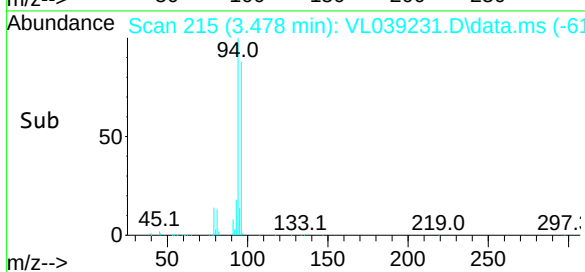
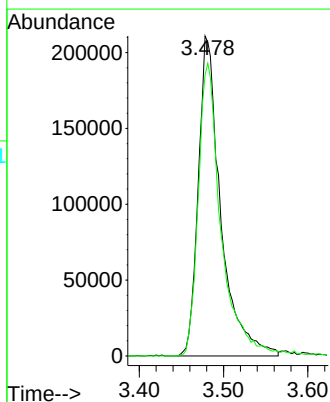
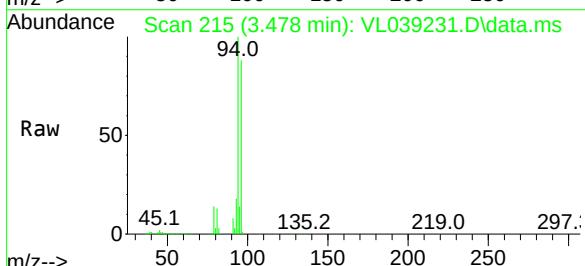
Manual Integrations
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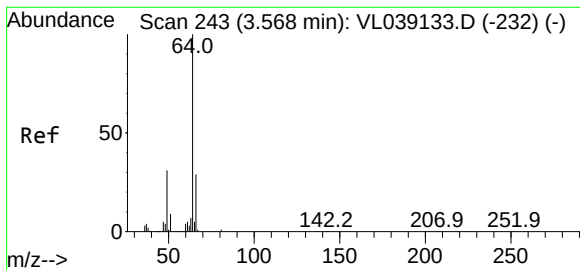
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#6
 Bromomethane
 Concen: 9.627 ppbv
 RT: 3.478 min Scan# 215
 Delta R.T. -0.003 min
 Lab File: VL039231.D
 Acq: 8 Jun 2022 12:24

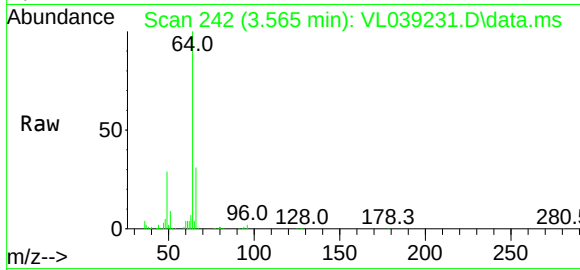
Tgt Ion: 94 Resp: 391250
 Ion Ratio Lower Upper
 94 100
 96 87.9 73.0 109.4





#7
Chloroethane
Concen: 9.952 ppbv
RT: 3.565 min Scan# 243
Delta R.T. -0.003 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

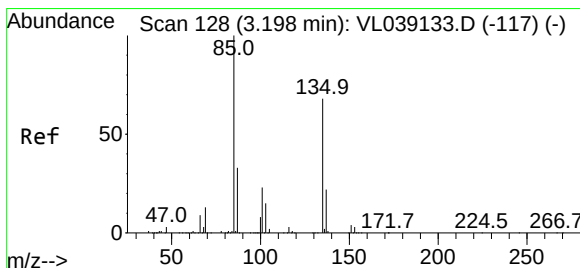
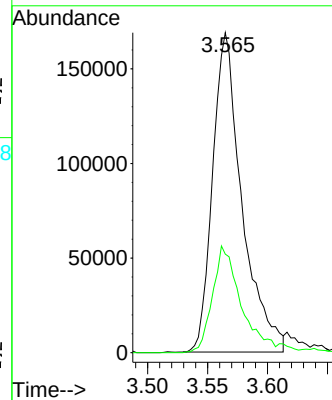
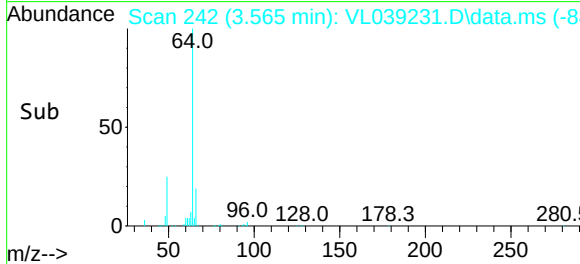
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



Tgt Ion: 64 Resp: 286479
Ion Ratio Lower Upper
64 100
66 30.8 23.6 35.4

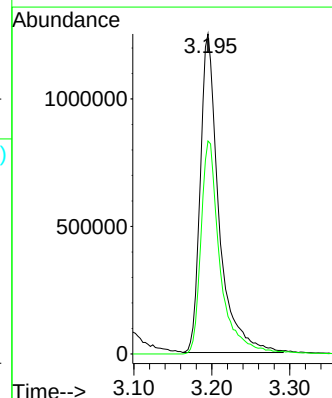
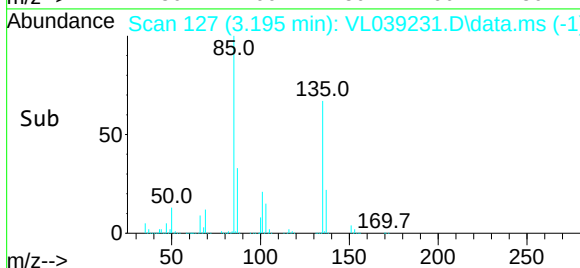
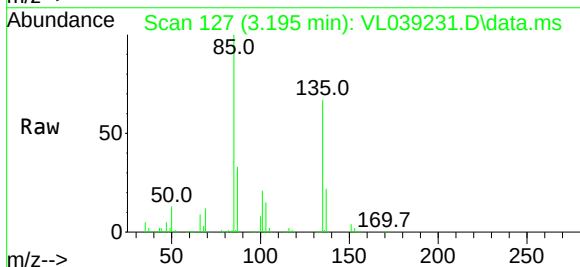
Manual Integrations
APPROVED

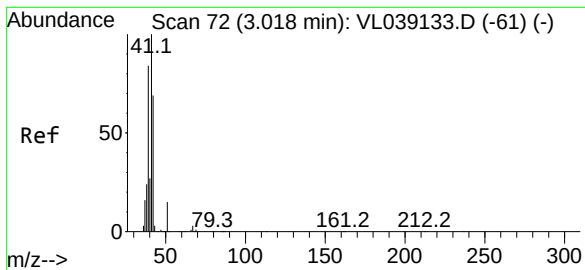
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#8
Dichlorotetrafluoroethane
Concen: 9.537 ppbv
RT: 3.195 min Scan# 127
Delta R.T. -0.003 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

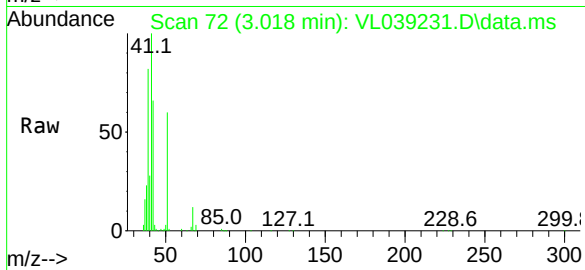
Tgt Ion: 85 Resp: 2070041
Ion Ratio Lower Upper
85 100
135 69.6 55.0 82.4





#9
 Propene
 Concen: 9.195 ppbv
 RT: 3.018 min Scan# 72
 Delta R.T. -0.000 min
 Lab File: VL039231.D
 Acq: 8 Jun 2022 12:24

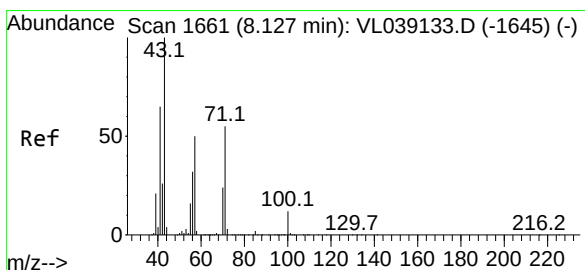
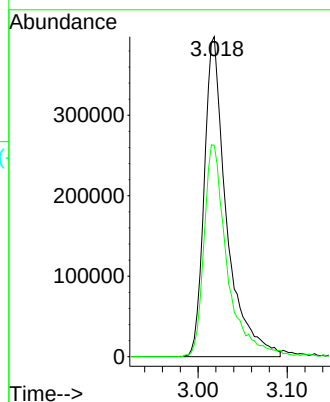
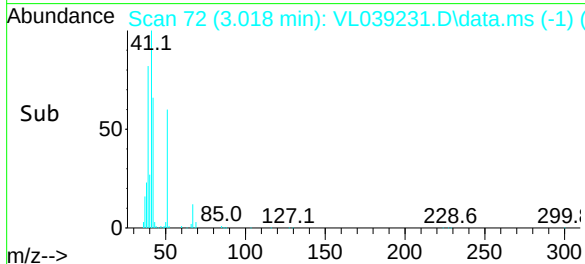
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



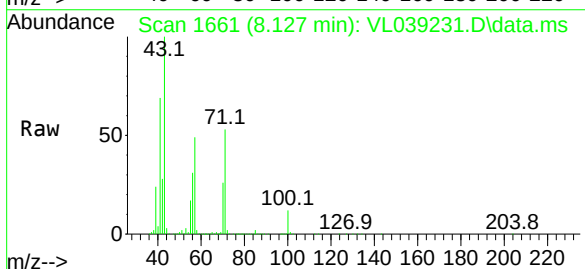
Tgt Ion: 41 Resp: 68977
 Ion Ratio Lower Upper
 41 100
 42 69.5 55.4 83.2

Manual Integrations
 APPROVED

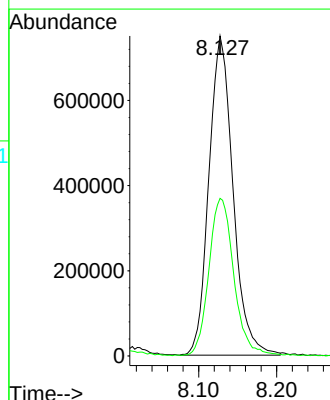
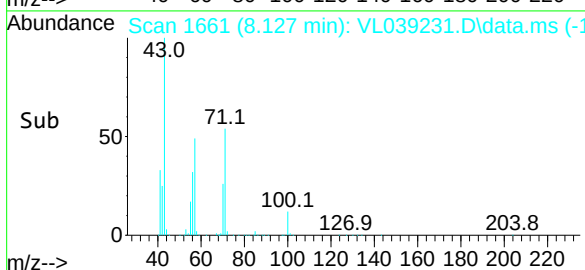
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

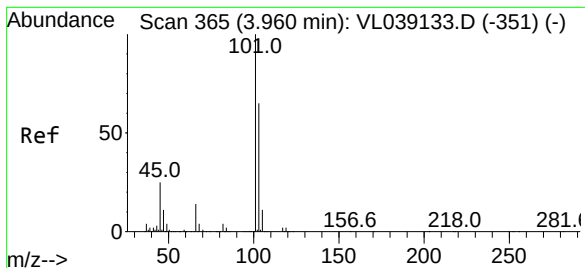


#10
 Heptane
 Concen: 9.208 ppbv
 RT: 8.127 min Scan# 1661
 Delta R.T. -0.000 min
 Lab File: VL039231.D
 Acq: 8 Jun 2022 12:24



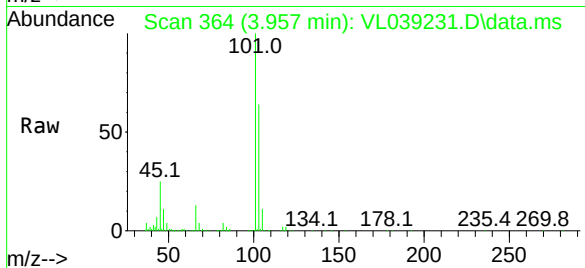
Tgt Ion: 43 Resp: 1611337
 Ion Ratio Lower Upper
 43 100
 57 51.2 41.4 62.2





#11
Trichlorofluoromethane
Concen: 9.219 ppbv
RT: 3.957 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

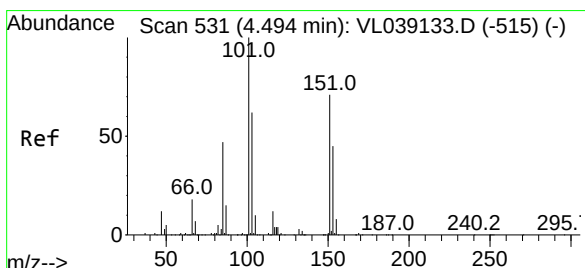
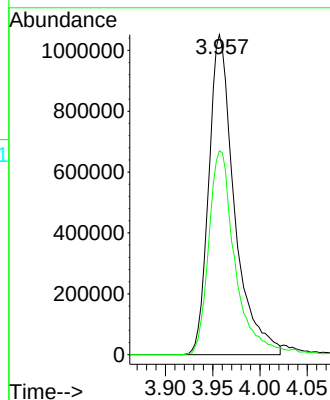
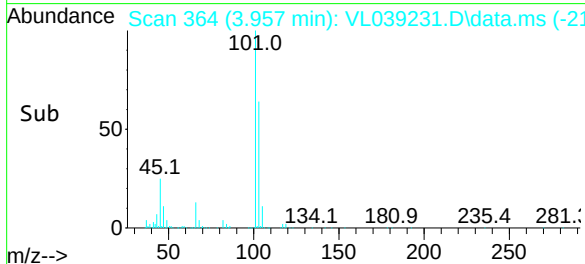
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



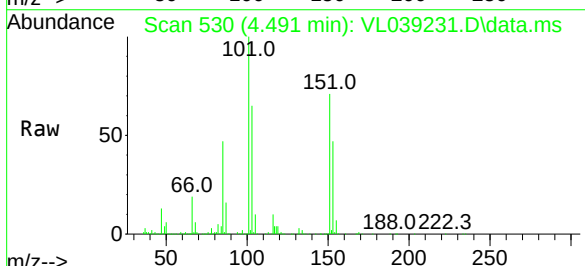
Tgt Ion:101 Resp: 198186
Ion Ratio Lower Upper
101 100
103 63.7 51.7 77.5

Manual Integrations
APPROVED

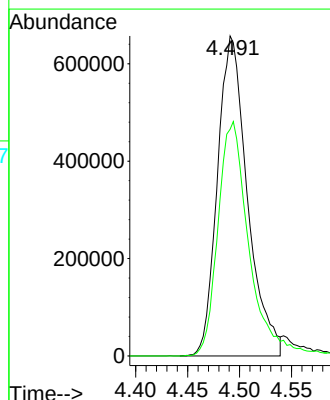
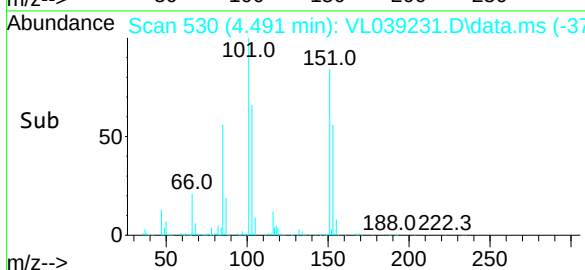
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

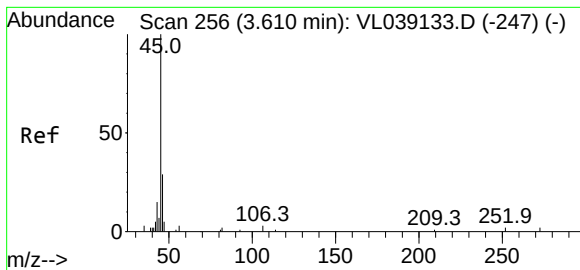


#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.272 ppbv
RT: 4.491 min Scan# 530
Delta R.T. -0.003 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24



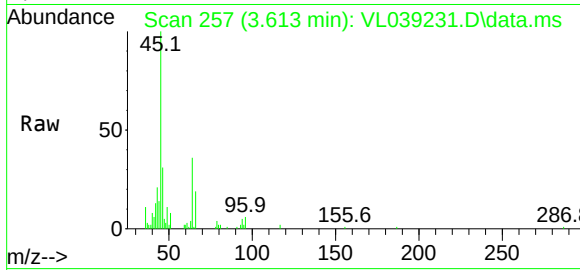
Tgt Ion:101 Resp: 1318150
Ion Ratio Lower Upper
101 100
151 77.0 59.4 89.0





#13
Ethanol
Concen: 9.383 ppbv m
RT: 3.613 min Scan# 2
Delta R.T. 0.003 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

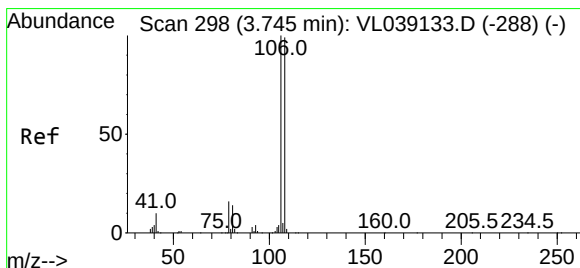
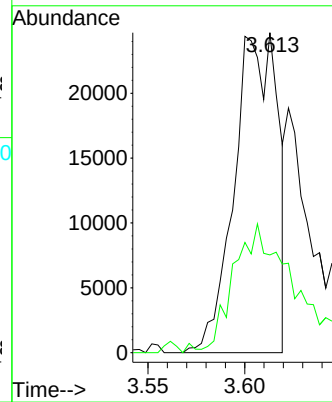
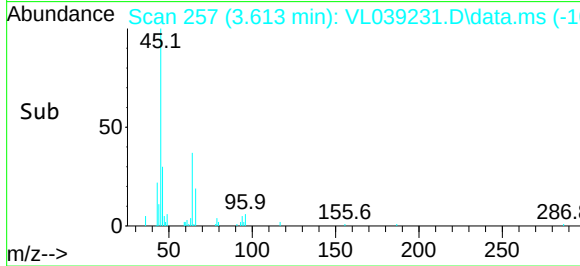
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



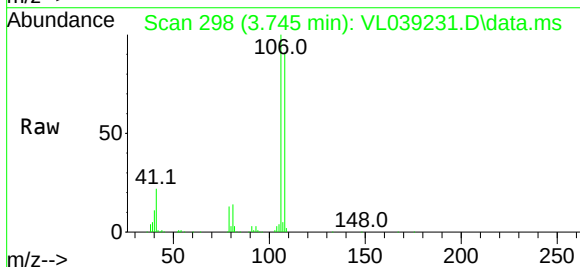
Tgt Ion: 45 Resp: 3838
Ion Ratio Lower Upper
45 100
46 69.5 0.0 0.0

Manual Integrations
APPROVED

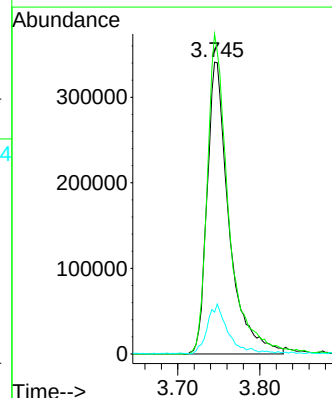
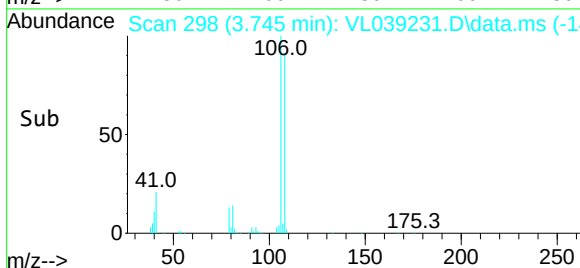
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

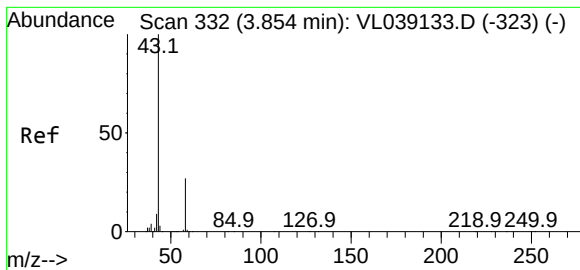


#14
Bromoethene
Concen: 9.903 ppbv
RT: 3.745 min Scan# 298
Delta R.T. -0.000 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24



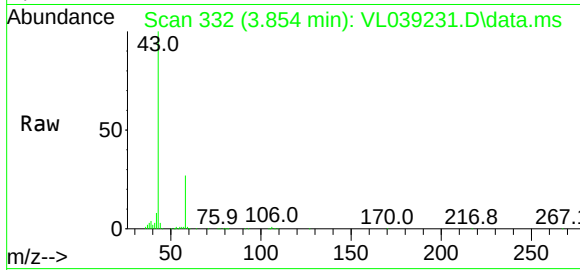
Tgt Ion:108 Resp: 632936
Ion Ratio Lower Upper
108 100
106 108.4 88.4 132.6
79 16.8 13.4 20.2





#15
Acetone
Concen: 10.355 ppbv
RT: 3.854 min Scan# 311
Delta R.T. -0.000 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

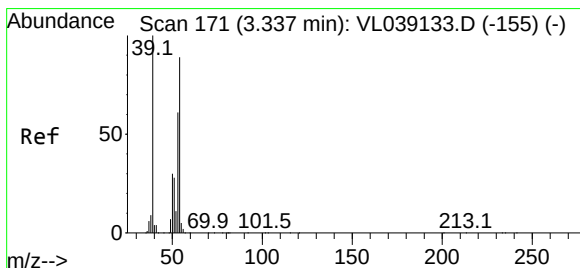
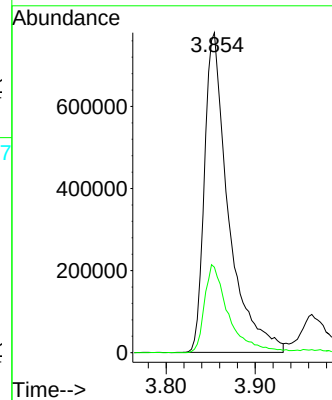
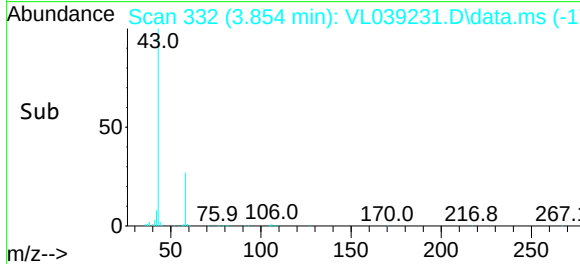
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 145855
Ion Ratio Lower Upper
43 100
58 28.0 22.5 33.7

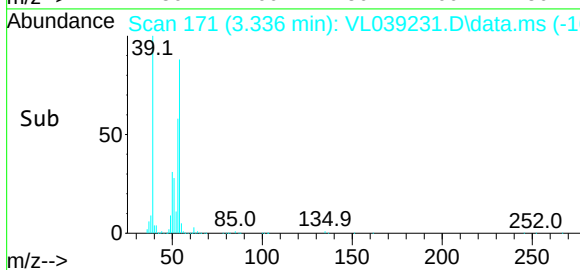
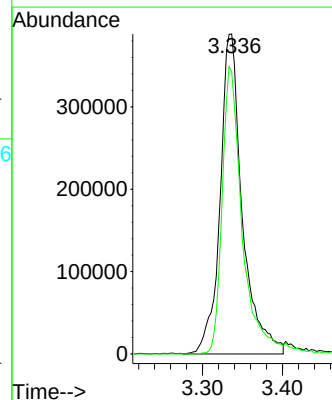
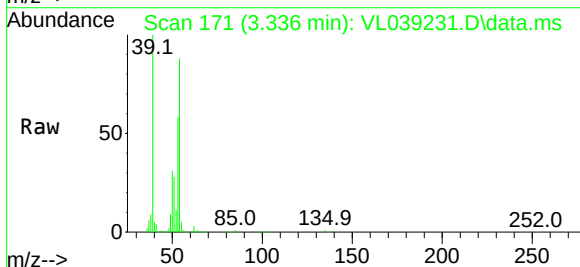
Manual Integrations
APPROVED

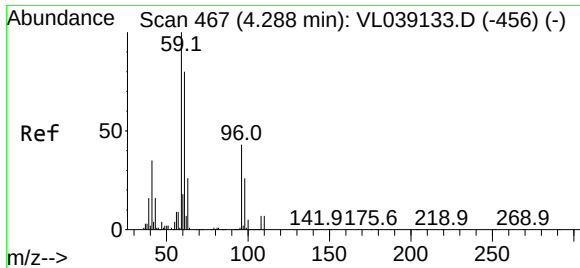
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#16
1,3-Butadiene
Concen: 9.912 ppbv
RT: 3.336 min Scan# 171
Delta R.T. -0.000 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

Tgt Ion: 39 Resp: 750519
Ion Ratio Lower Upper
39 100
54 82.4 65.8 98.6





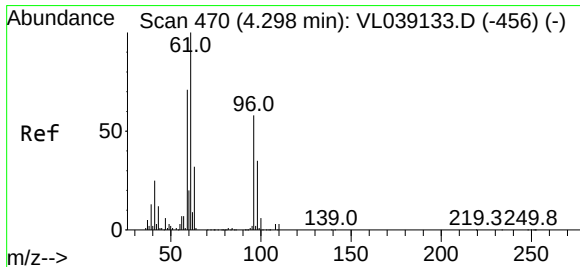
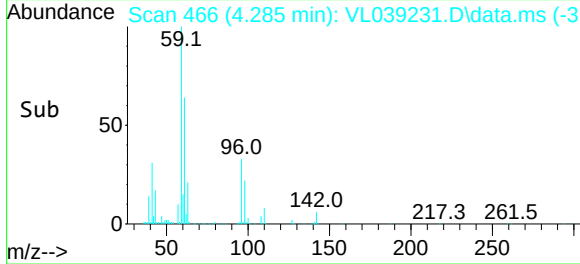
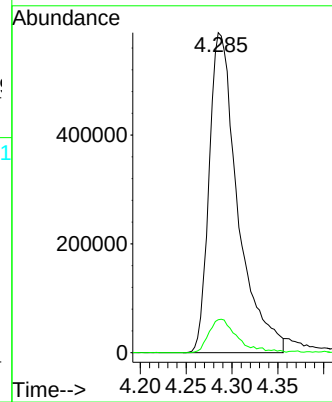
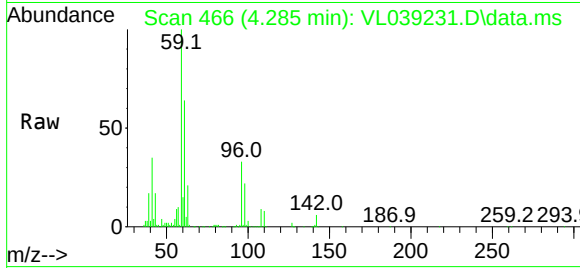
#17
tert-Butyl alcohol
Concen: 11.665 ppbv
RT: 4.285 min Scan# 466
Delta R.T. -0.003 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 127437
Ion Ratio Lower Upper
59 100
57 11.1 9.1 13.7

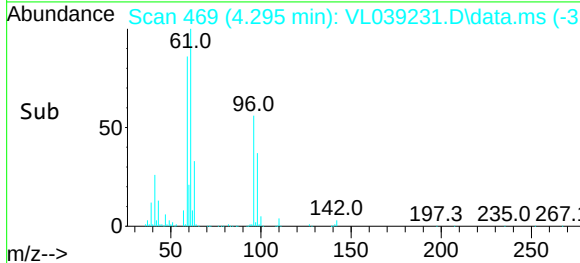
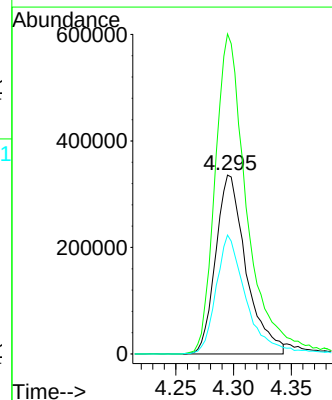
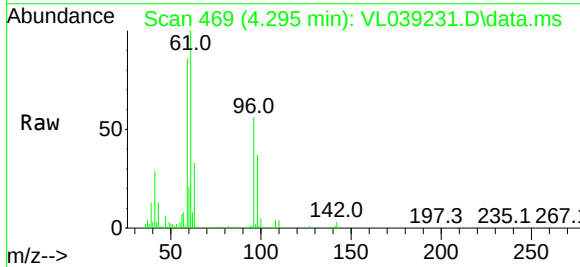
Manual Integrations
APPROVED

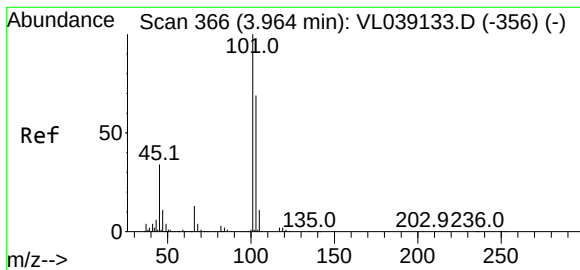
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#18
1,1-Dichloroethene
Concen: 9.631 ppbv
RT: 4.295 min Scan# 469
Delta R.T. -0.003 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

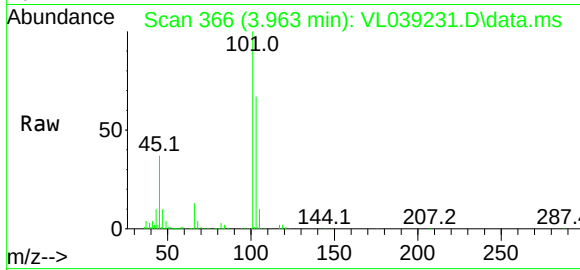
Tgt Ion: 96 Resp: 614223
Ion Ratio Lower Upper
96 100
61 178.8 138.4 207.6
98 66.4 47.8 71.8





#19
Isopropyl Alcohol
Concen: 10.495 ppbv
RT: 3.963 min Scan# 30
Delta R.T. -0.000 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

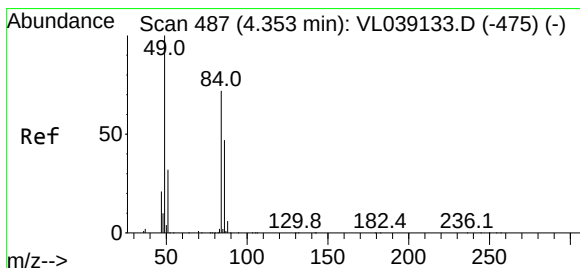
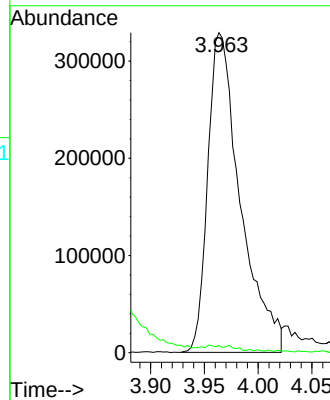
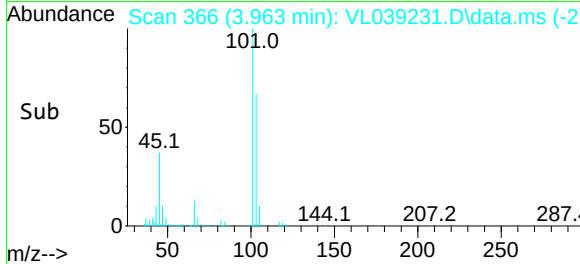
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



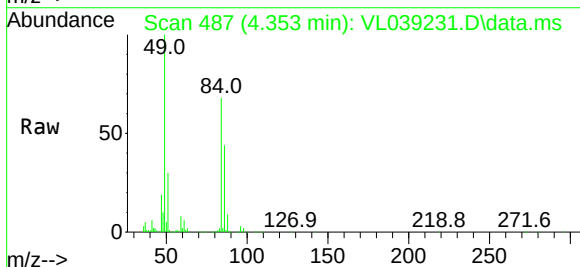
Tgt Ion: 45 Resp: 693352
Ion Ratio Lower Upper
45 100
58 2.6 1.8 2.8

Manual Integrations
APPROVED

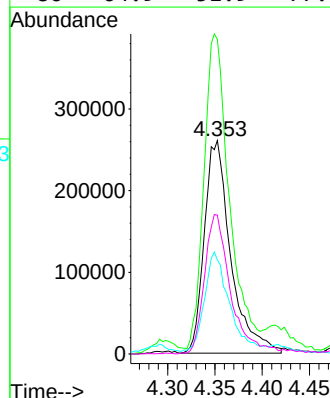
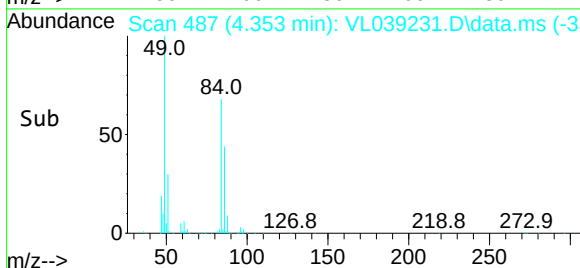
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

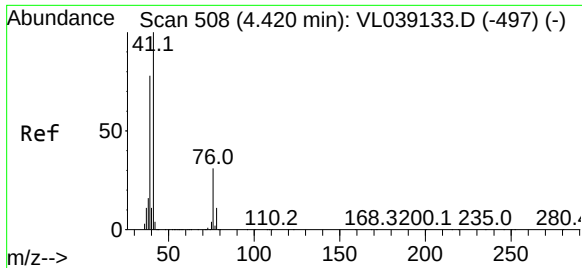


#20
Methylene Chloride
Concen: 8.535 ppbv
RT: 4.353 min Scan# 487
Delta R.T. -0.000 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24



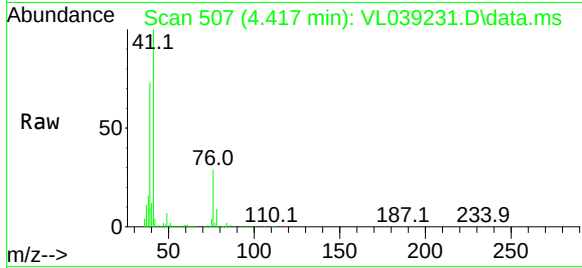
Tgt Ion: 84 Resp: 506575
Ion Ratio Lower Upper
84 100
49 145.1 111.1 166.7
51 43.1 35.3 52.9
86 64.9 51.9 77.9





#21
 Allyl Chloride
 Concen: 9.227 ppbv
 RT: 4.417 min Scan# 508
 Delta R.T. -0.003 min
 Lab File: VL039231.D
 Acq: 8 Jun 2022 12:24

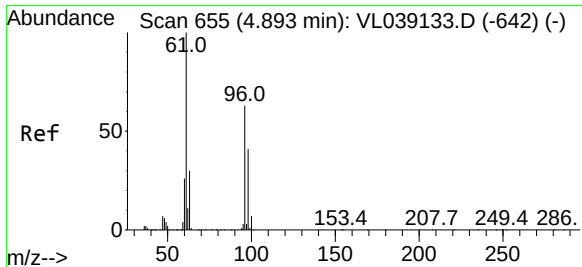
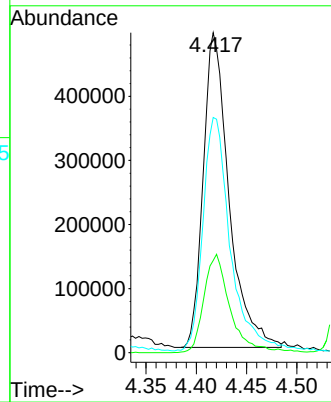
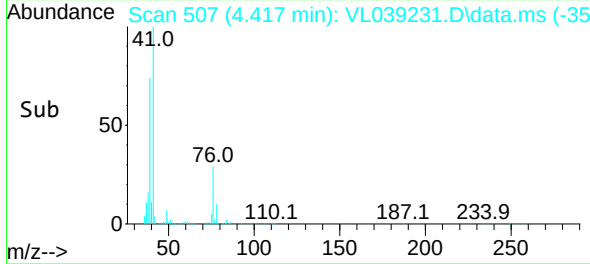
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



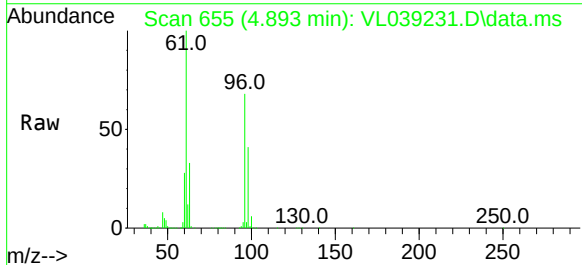
Tgt Ion: 41 Resp: 876660
 Ion Ratio Lower Upper
 41 100
 76 31.9 24.2 36.2
 39 80.7 62.2 93.2

Manual Integrations
 APPROVED

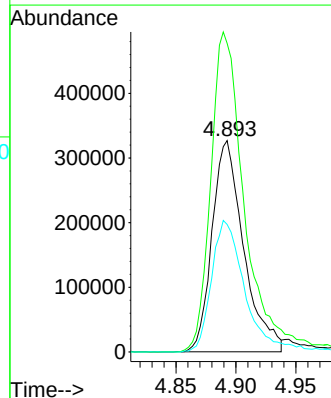
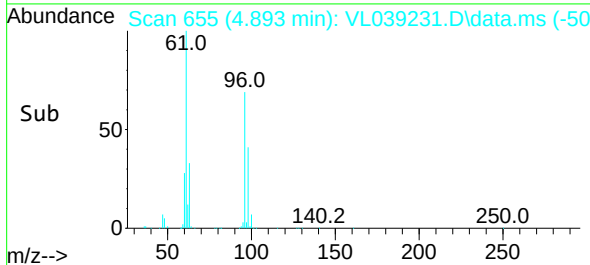
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

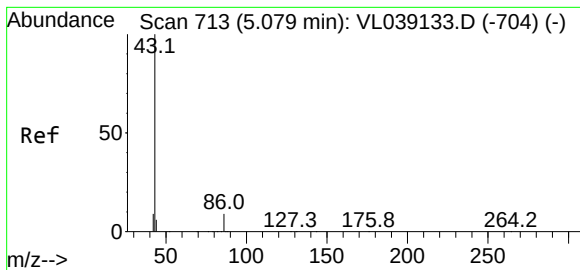


#22
 trans-1,2-Dichloroethene
 Concen: 9.756 ppbv
 RT: 4.893 min Scan# 655
 Delta R.T. -0.000 min
 Lab File: VL039231.D
 Acq: 8 Jun 2022 12:24



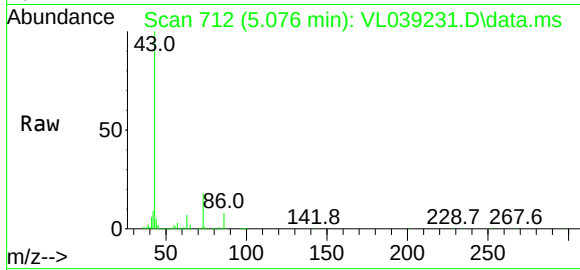
Tgt Ion: 96 Resp: 598631
 Ion Ratio Lower Upper
 96 100
 61 146.0 126.6 190.0
 98 60.4 52.5 78.7





#23
 Vinyl Acetate
 Concen: 8.671 ppbv
 RT: 5.076 min Scan# 713
 Delta R.T. -0.003 min
 Lab File: VL039231.D
 Acq: 8 Jun 2022 12:24

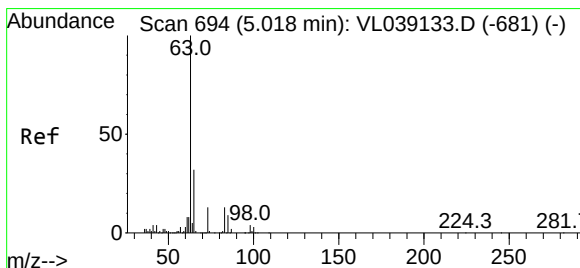
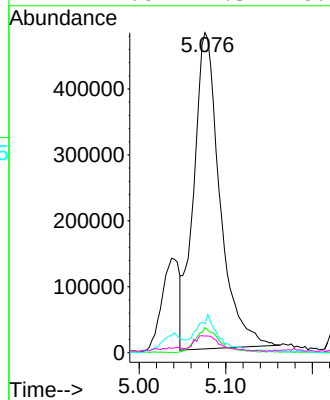
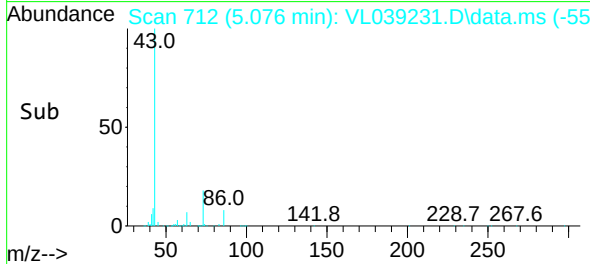
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



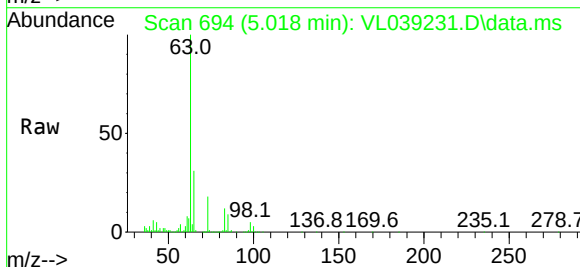
Tgt Ion: 43 Resp: 101046
 Ion Ratio Lower Upper
 43 100
 86 7.9 6.0 9.0
 42 8.7 8.2 12.4
 44 4.6 4.3 6.5

Manual Integrations
 APPROVED

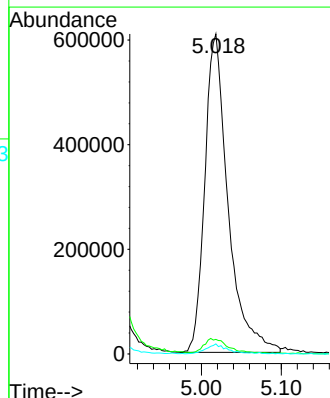
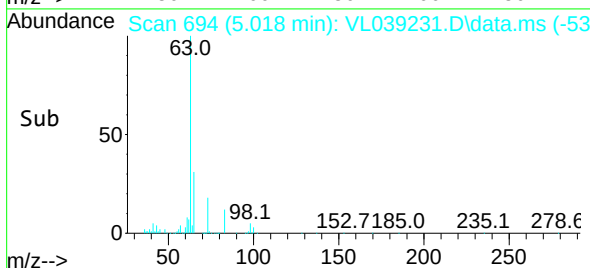
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

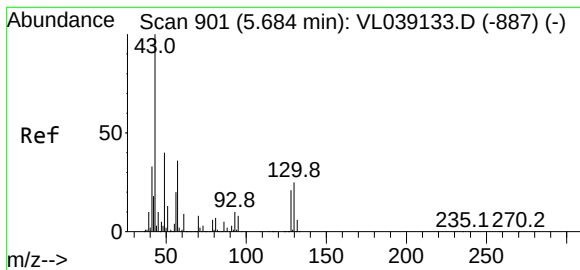


#24
 1,1-Dichloroethane
 Concen: 7.709 ppbv
 RT: 5.018 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VL039231.D
 Acq: 8 Jun 2022 12:24



Tgt Ion: 63 Resp: 1230914
 Ion Ratio Lower Upper
 63 100
 98 4.3 2.1 6.2
 100 3.1 1.5 4.5





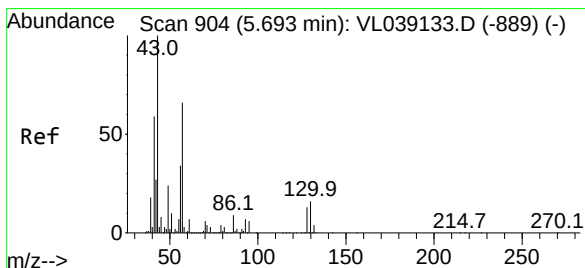
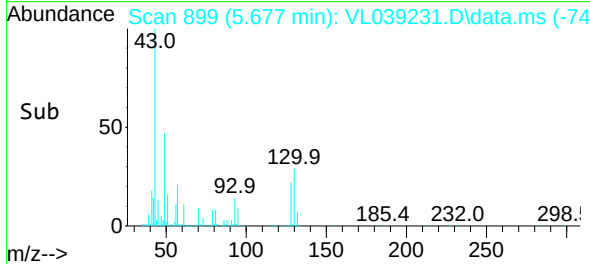
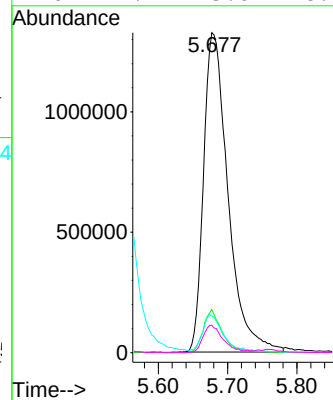
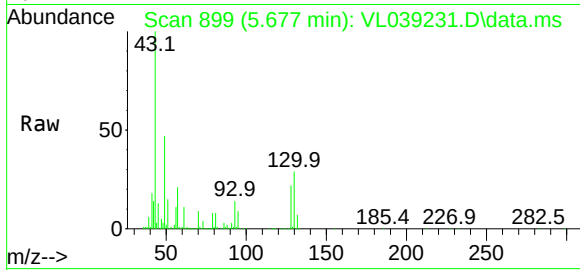
#25
Ethyl Acetate
Concen: 10.249 ppbv
RT: 5.677 min Scan# 899
Delta R.T. -0.007 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 3253715
Ion Ratio Lower Upper
43 100
45 10.9 8.2 12.2
61 10.5 8.4 12.6
70 7.2 5.6 8.4

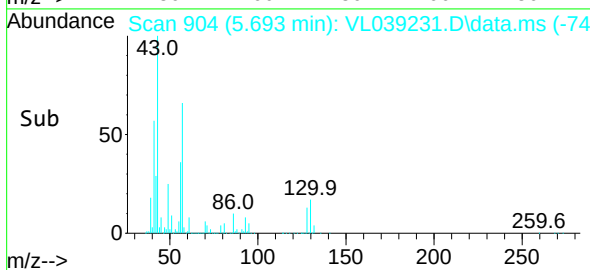
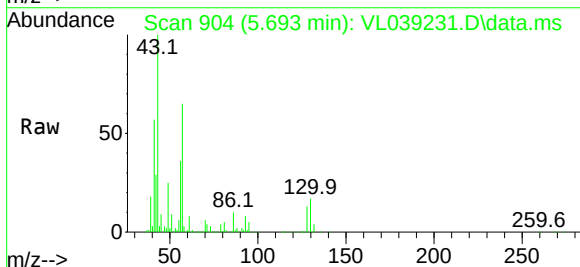
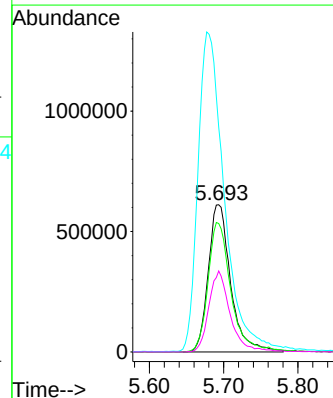
Manual Integrations
APPROVED

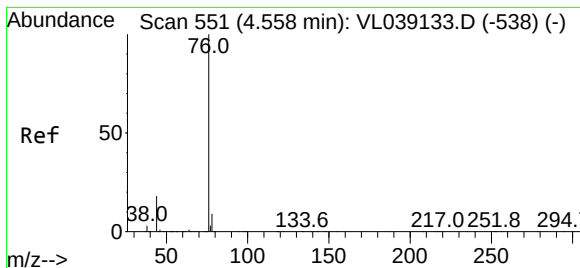
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#26
Hexane
Concen: 9.159 ppbv
RT: 5.693 min Scan# 904
Delta R.T. -0.000 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

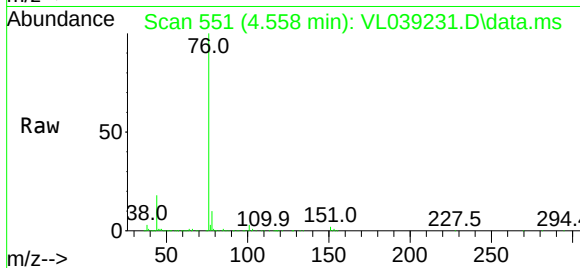
Tgt Ion: 57 Resp: 1277732
Ion Ratio Lower Upper
57 100
41 91.3 72.4 108.6
43 258.9 187.0 280.6
56 52.9 41.8 62.6





#27
Carbon Disulfide
Concen: 9.664 ppbv
RT: 4.558 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

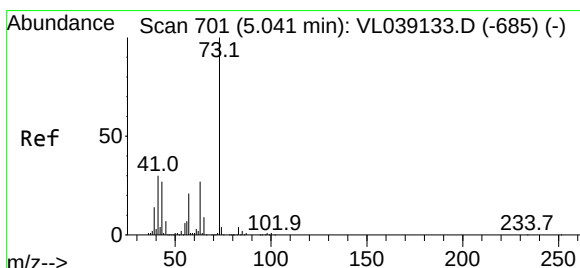
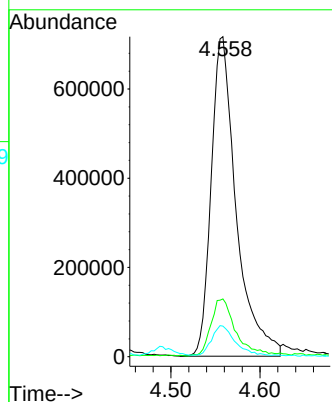
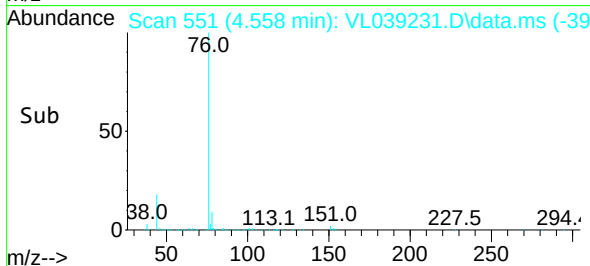


Tgt Ion: 76 Resp: 139728

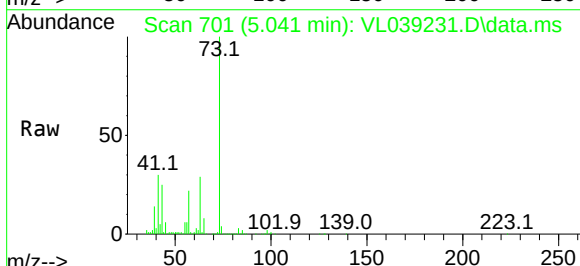
Ion	Ratio	Lower	Upper
76	100		
44	17.5	14.4	21.6
78	10.1	7.7	11.5

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

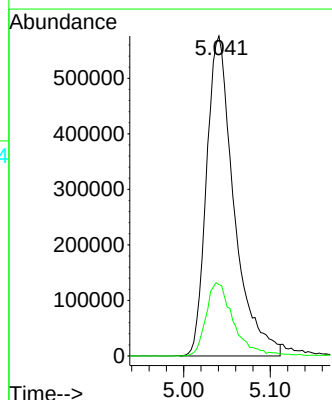
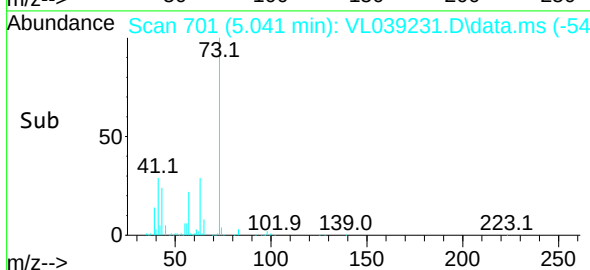


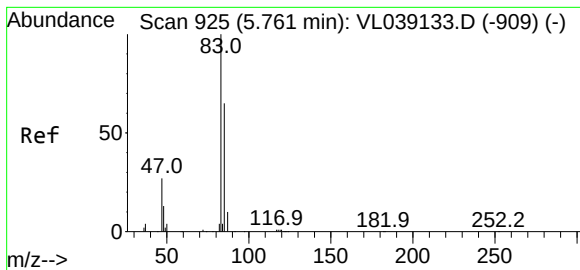
#28
Methyl tert-Butyl Ether
Concen: 8.247 ppbv
RT: 5.041 min Scan# 701
Delta R.T. -0.000 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24



Tgt Ion: 73 Resp: 1270189

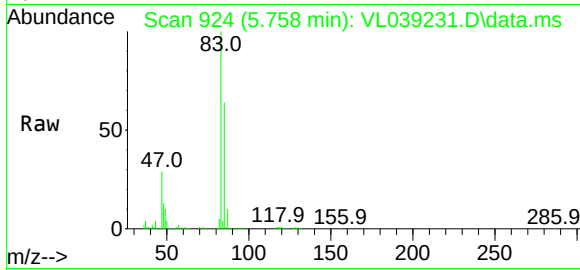
Ion	Ratio	Lower	Upper
73	100		
57	23.4	18.6	27.8





#29
Chloroform
Concen: 9.210 ppbv
RT: 5.758 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

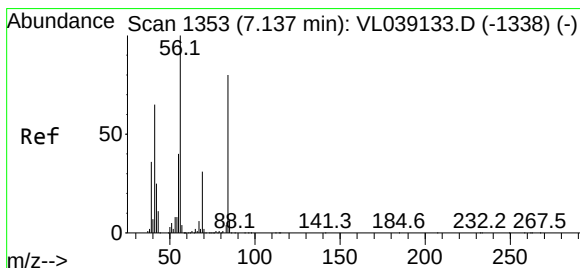
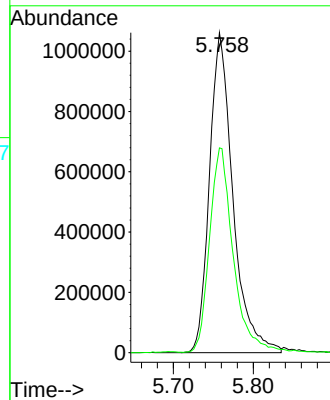
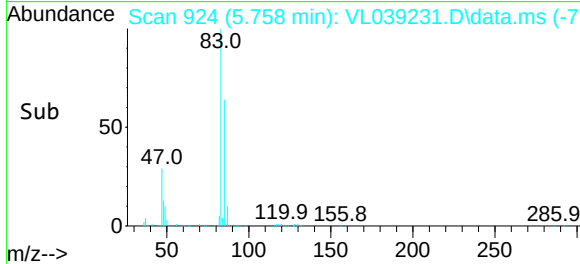
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



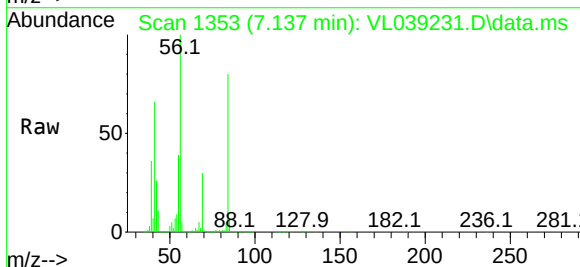
Tgt Ion: 83 Resp: 216213
Ion Ratio Lower Upper
83 100
85 63.9 52.4 78.6

Manual Integrations
APPROVED

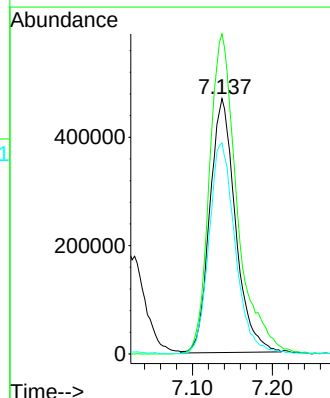
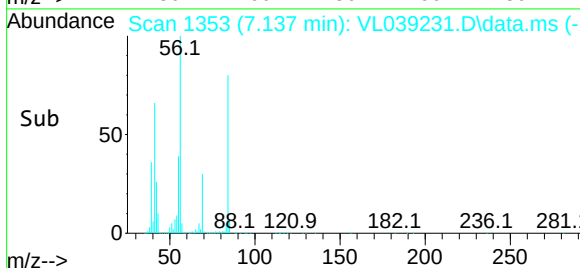
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

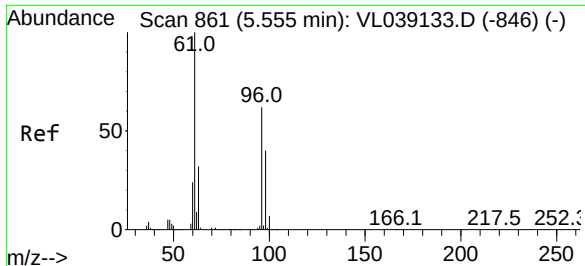


#30
Cyclohexane
Concen: 8.922 ppbv
RT: 7.137 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24



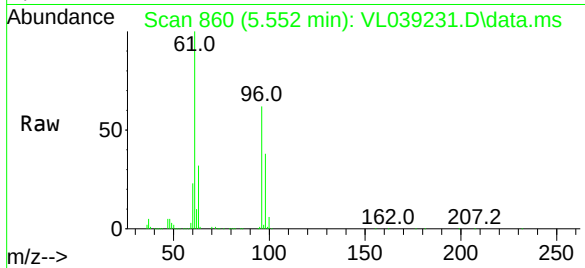
Tgt Ion: 84 Resp: 1045671
Ion Ratio Lower Upper
84 100
56 137.5 110.6 165.8
41 85.6 68.9 103.3





#31
 cis-1,2-Dichloroethene
 Concen: 9.404 ppbv
 RT: 5.552 min Scan# 861
 Delta R.T. -0.003 min
 Lab File: VL039231.D
 Acq: 8 Jun 2022 12:24

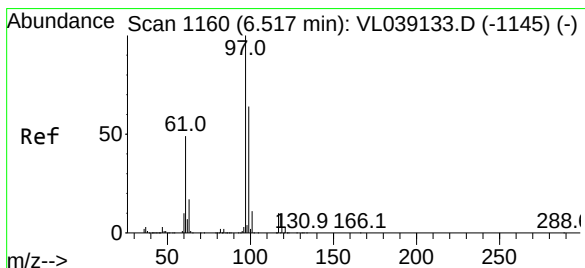
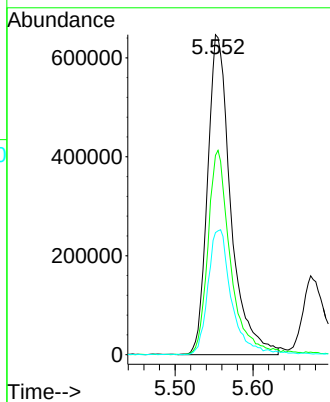
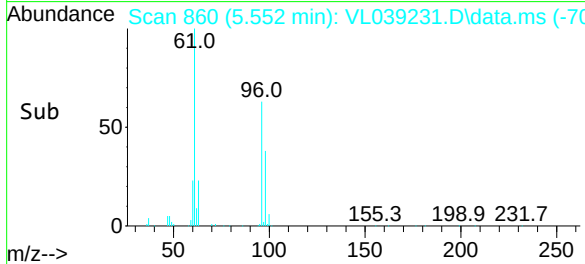
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



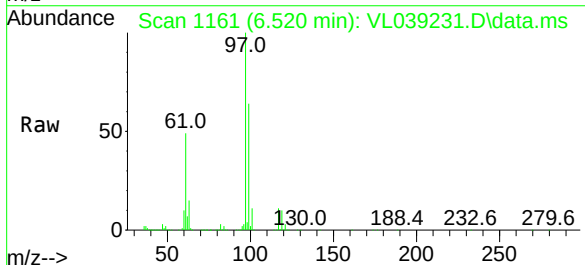
Tgt Ion: 61 Resp: 1337734
 Ion Ratio Lower Upper
 61 100
 96 62.2 49.9 74.9
 98 38.0 32.0 48.0

Manual Integrations
 APPROVED

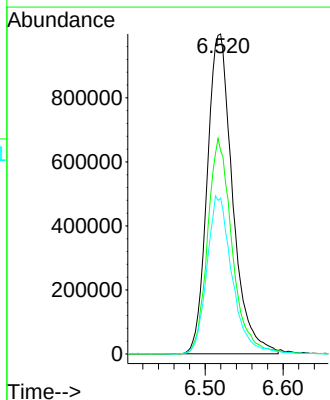
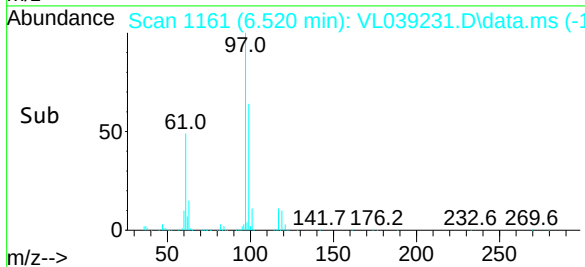
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

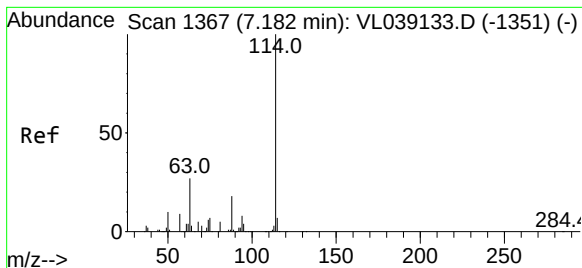


#32
 1,1,1-Trichloroethane
 Concen: 9.832 ppbv
 RT: 6.520 min Scan# 1161
 Delta R.T. 0.003 min
 Lab File: VL039231.D
 Acq: 8 Jun 2022 12:24



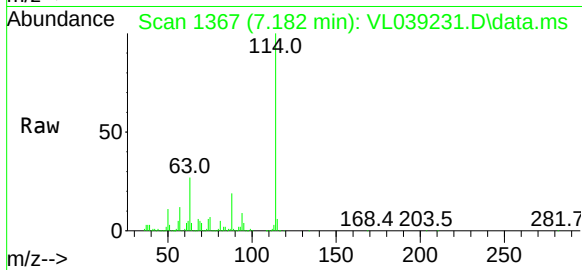
Tgt Ion: 97 Resp: 2258550
 Ion Ratio Lower Upper
 97 100
 99 65.3 52.1 78.1
 61 49.5 40.0 60.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.182 min Scan# 114
Delta R.T. -0.000 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

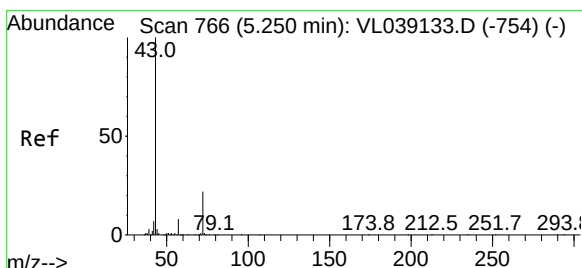
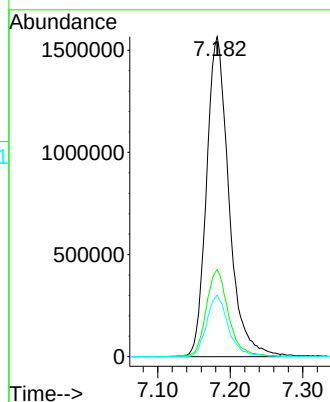
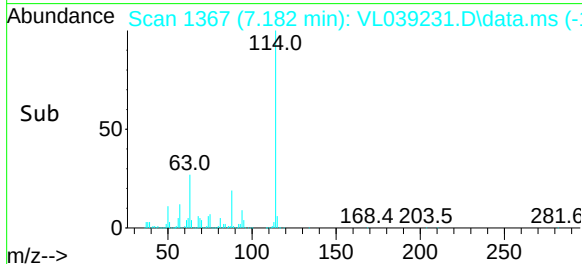
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



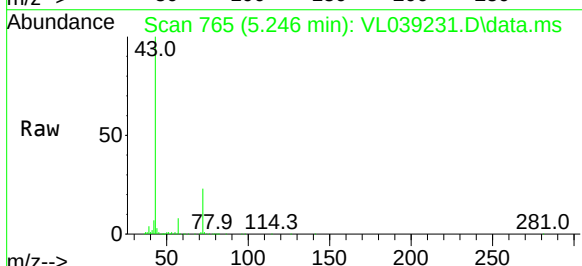
Tgt Ion:114 Resp: 3355628
Ion Ratio Lower Upper
114 100
63 27.3 21.7 32.5
88 18.8 14.8 22.2

Manual Integrations
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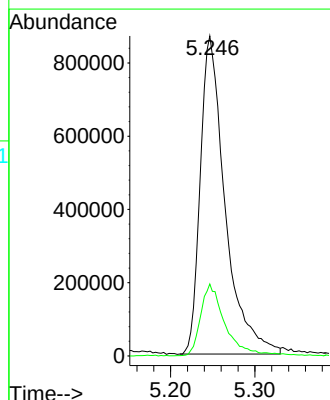
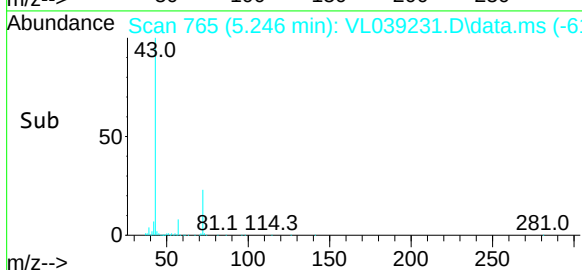
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

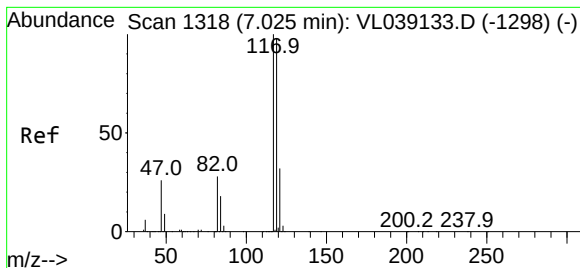


#34
2-Butanone
Concen: 9.789 ppbv
RT: 5.246 min Scan# 765
Delta R.T. -0.003 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24



Tgt Ion: 43 Resp: 1784528
Ion Ratio Lower Upper
43 100
72 22.7 18.2 27.2





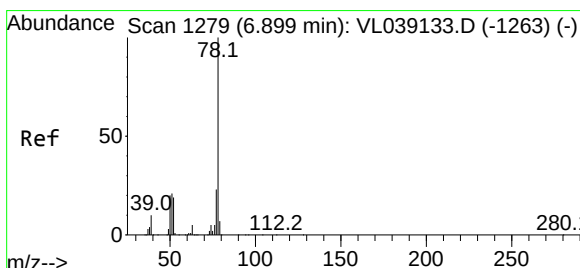
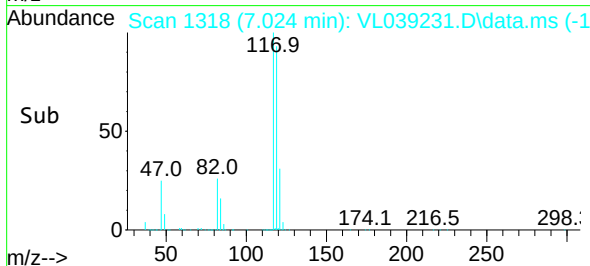
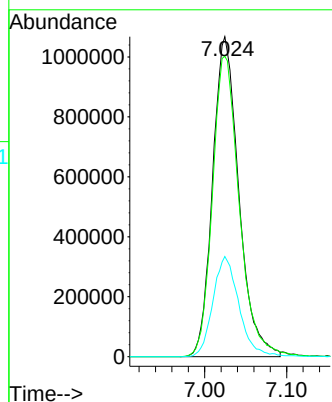
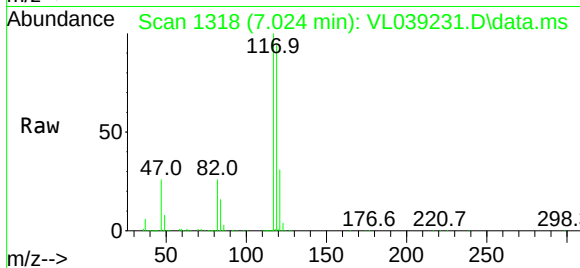
#35
Carbon Tetrachloride
Concen: 9.676 ppbv
RT: 7.024 min Scan# 117
Delta R.T. -0.000 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 117 Resp: 236987
Ion Ratio Lower Upper
117 100
119 93.9 78.6 118.0
121 31.3 25.4 38.0

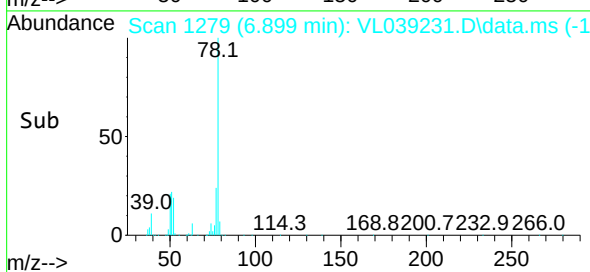
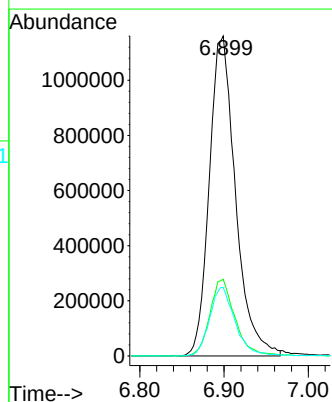
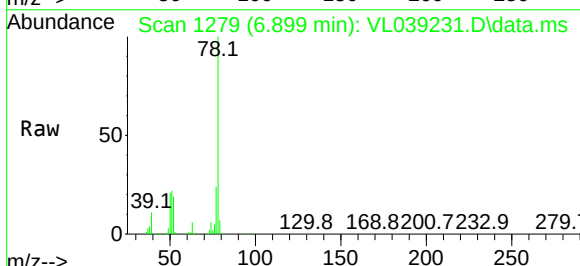
Manual Integrations
APPROVED

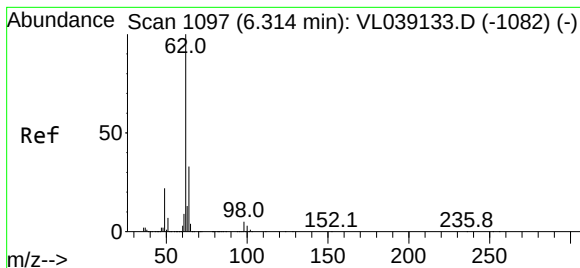
Reviewed By : Semsettin Yesilyurt 06/09/2022
Supervised By : Mahesh Dadoda 06/09/2022



#36
Benzene
Concen: 9.219 ppbv
RT: 6.899 min Scan# 1279
Delta R.T. -0.000 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

Tgt Ion: 78 Resp: 2511460
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8
50 21.4 15.8 23.8





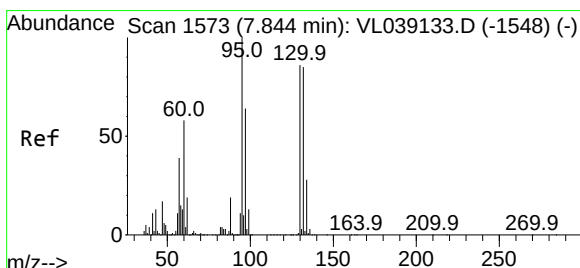
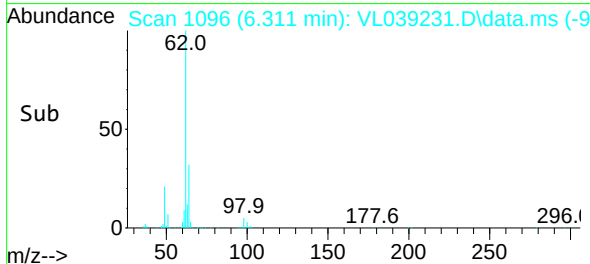
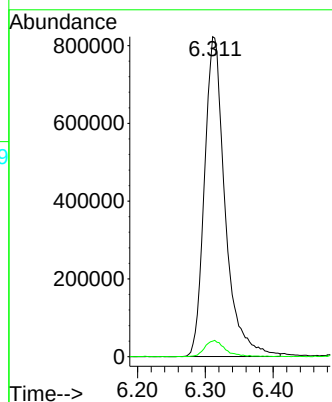
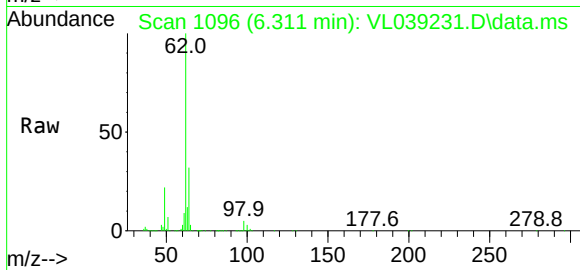
#37
1,2-Dichloroethane
Concen: 9.708 ppbv
RT: 6.311 min Scan# 1096
Delta R.T. -0.003 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 62 Resp: 174064
Ion Ratio Lower Upper
62 100
98 5.2 4.3 6.5

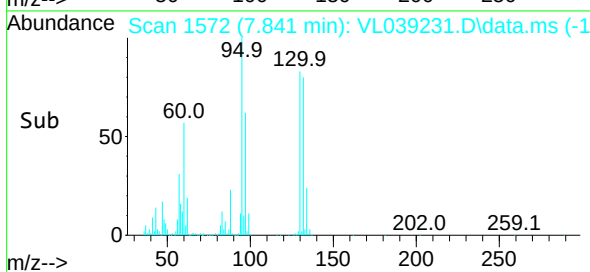
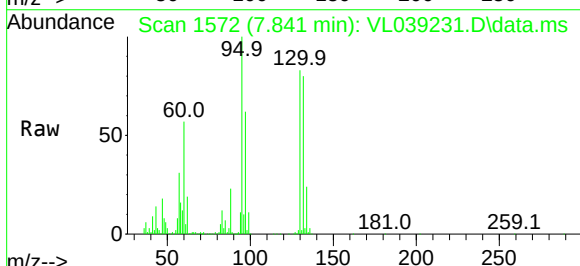
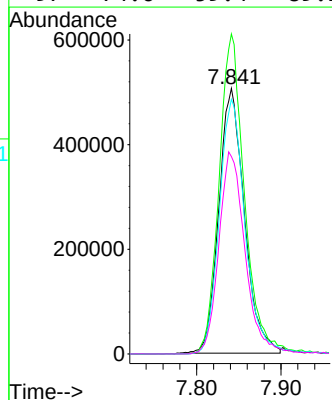
Manual Integrations
APPROVED

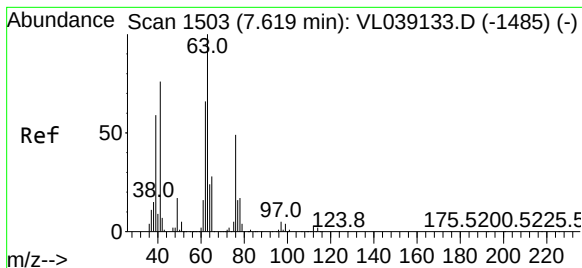
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#38
Trichloroethene
Concen: 8.498 ppbv
RT: 7.841 min Scan# 1572
Delta R.T. -0.003 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

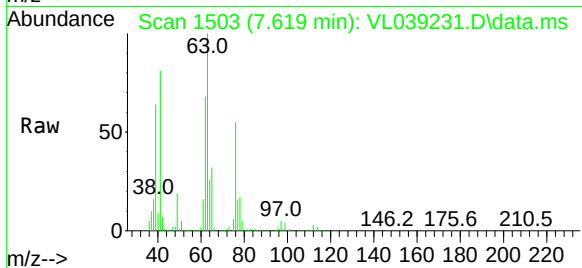
Tgt Ion:130 Resp: 1063372
Ion Ratio Lower Upper
130 100
95 120.8 93.3 139.9
132 96.2 79.0 118.4
97 74.6 59.4 89.2





#39
1,2-Dichloropropane
Concen: 9.285 ppbv
RT: 7.619 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

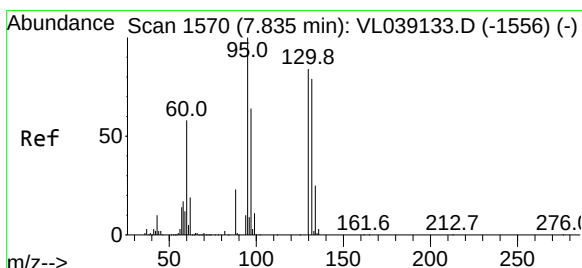
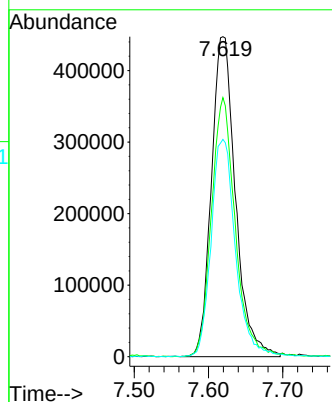
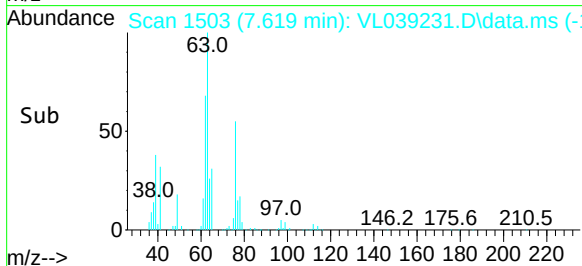
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



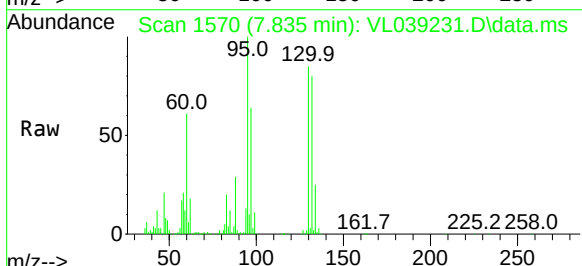
Tgt Ion: 63 Resp: 1006108
Ion Ratio Lower Upper
63 100
41 80.9 60.8 91.2
62 67.8 52.9 79.3

Manual Integrations
APPROVED

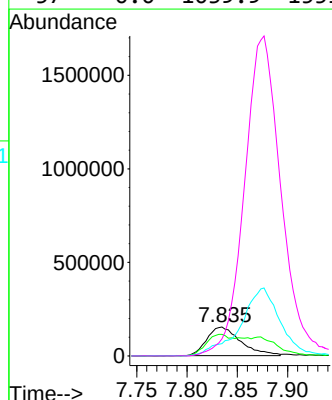
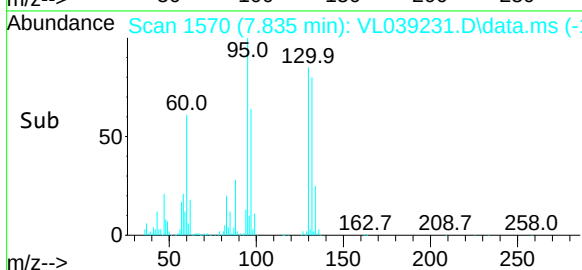
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

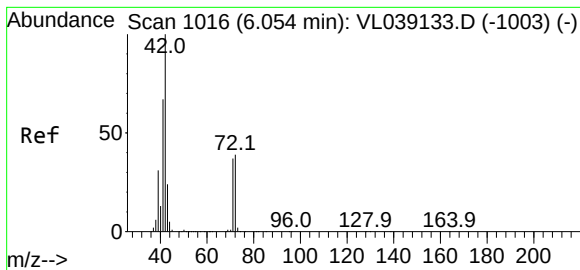


#40
1,4-Dioxane
Concen: 10.046 ppbv
RT: 7.835 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24



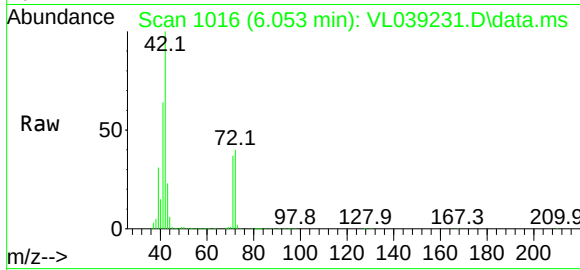
Tgt Ion: 88 Resp: 358366
Ion Ratio Lower Upper
88 100
58 135.0 111.2 166.8
43 0.0 234.2 351.4#
57 0.0 1039.9 1559.9#





#41
Tetrahydrofuran
Concen: 9.215 ppbv
RT: 6.053 min Scan# 1016
Delta R.T. -0.000 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

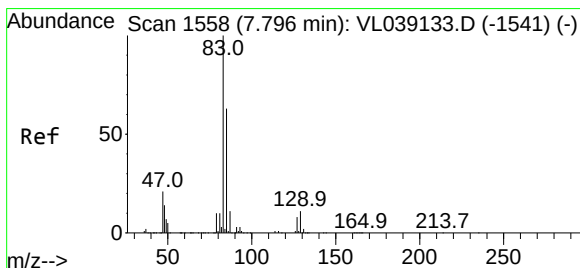
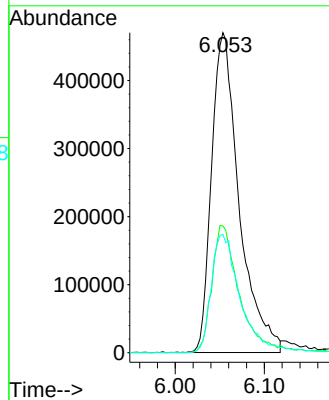
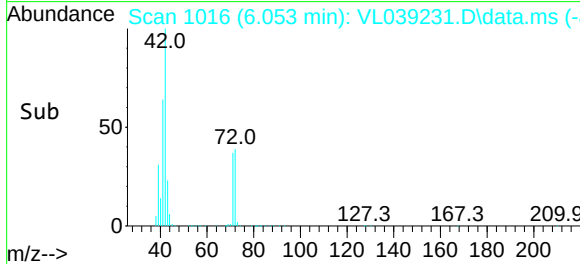
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 101036
Ion Ratio Lower Upper
42 100
72 40.8 32.0 48.0
71 39.5 31.1 46.7

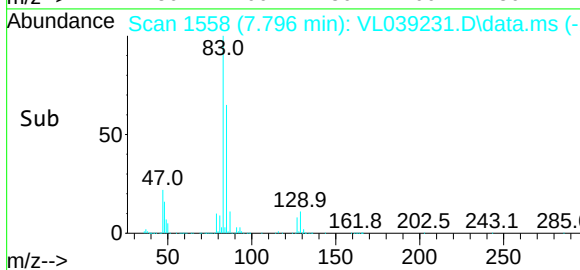
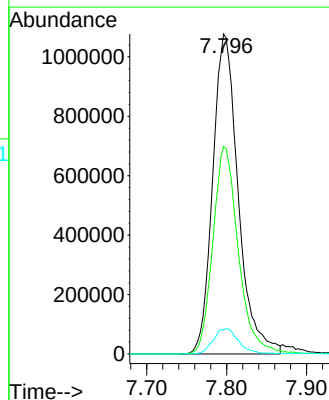
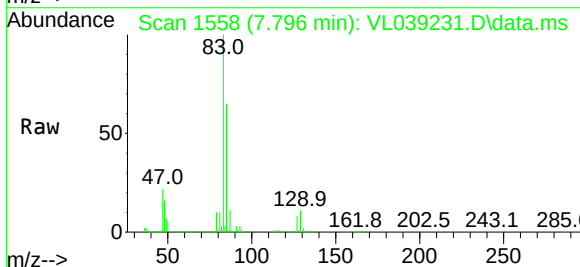
Manual Integrations
APPROVED

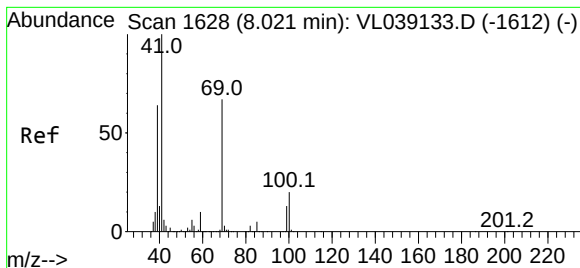
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#42
Bromodichloromethane
Concen: 9.577 ppbv
RT: 7.796 min Scan# 1558
Delta R.T. -0.000 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

Tgt Ion: 83 Resp: 2382906
Ion Ratio Lower Upper
83 100
85 64.8 50.2 75.4
127 7.6 6.6 9.8





#43

Methyl Methacrylate

Concen: 10.604 ppbv

RT: 8.021 min Scan# 1

Delta R.T. -0.000 min

Lab File: VL039231.D

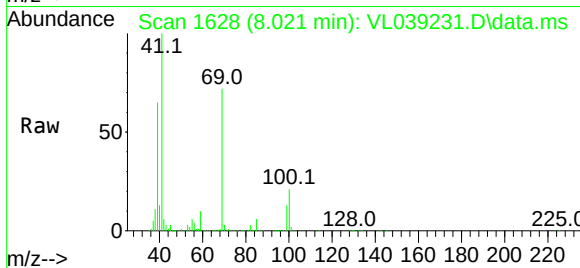
Acq: 8 Jun 2022 12:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 69 Resp: 1125270

Ion Ratio Lower Upper

69 100

41 149.7 121.9 182.9

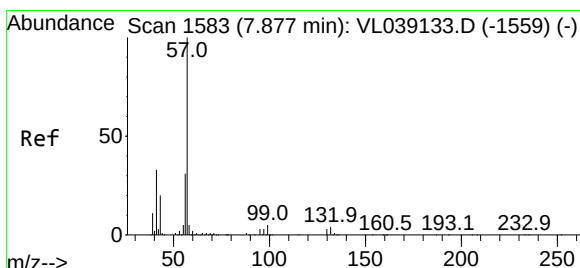
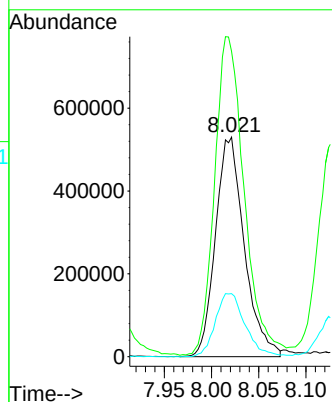
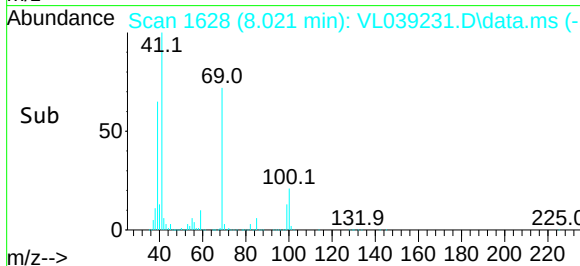
100 29.7 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#44

2,2,4-Trimethylpentane

Concen: 9.119 ppbv

RT: 7.877 min Scan# 1583

Delta R.T. -0.000 min

Lab File: VL039231.D

Acq: 8 Jun 2022 12:24

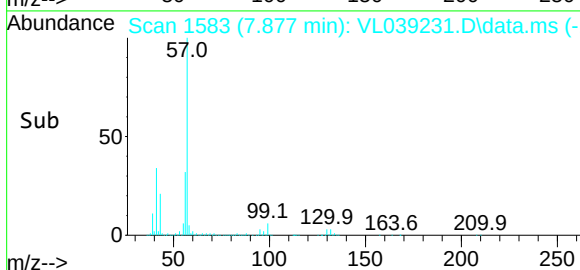
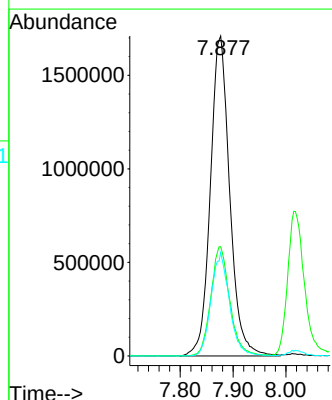
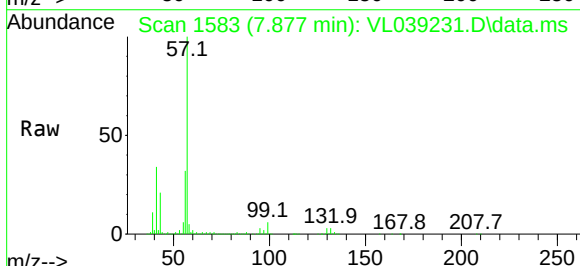
Tgt Ion: 57 Resp: 4345792

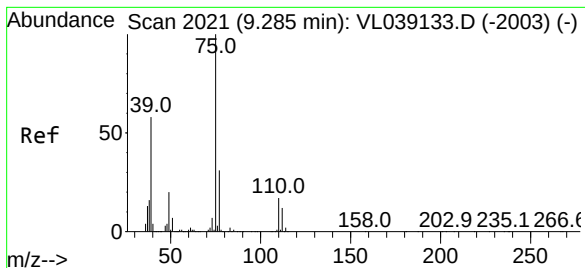
Ion Ratio Lower Upper

57 100

41 33.5 26.2 39.4

56 30.7 24.7 37.1





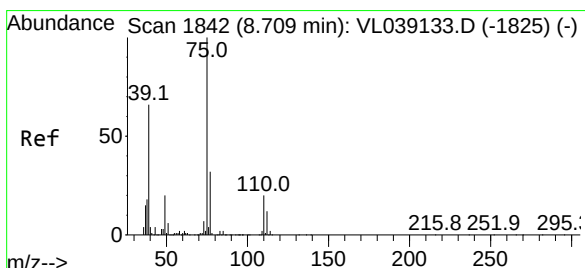
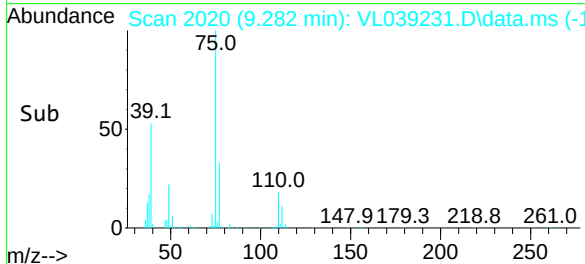
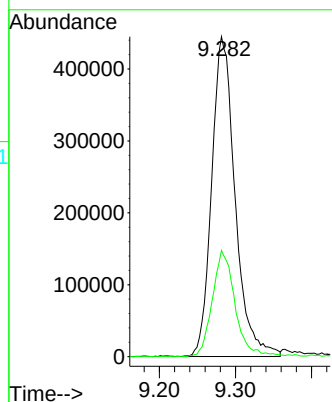
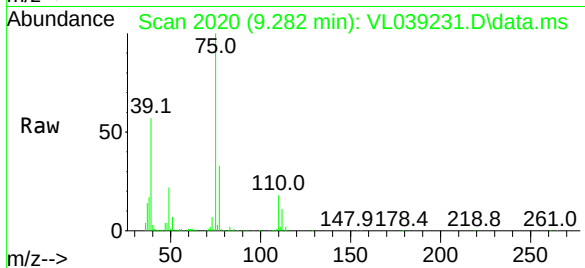
#45
t-1,3-Dichloropropene
Concen: 8.600 ppbv
RT: 9.282 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 950410
Ion Ratio Lower Upper
75 100
77 33.2 24.4 36.6

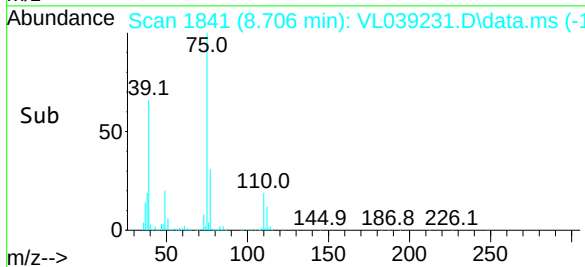
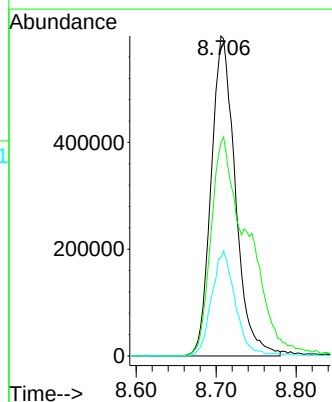
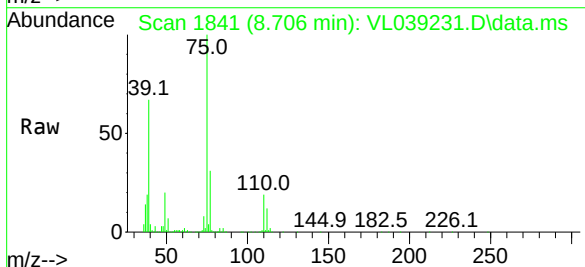
Manual Integrations
APPROVED

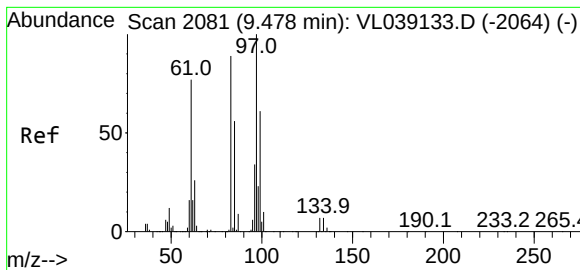
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#46
cis-1,3-Dichloropropene
Concen: 8.621 ppbv
RT: 8.706 min Scan# 1841
Delta R.T. -0.003 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

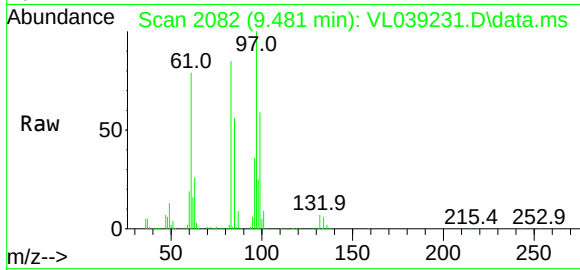
Tgt Ion: 75 Resp: 1258560
Ion Ratio Lower Upper
75 100
39 66.6 52.4 78.6
77 30.7 25.5 38.3





#47
1,1,2-Trichloroethane
Concen: 9.483 ppbv
RT: 9.481 min Scan# 2081
Delta R.T. 0.003 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

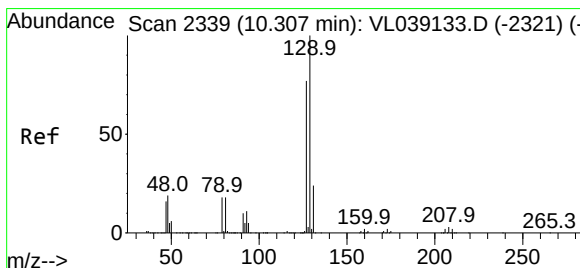
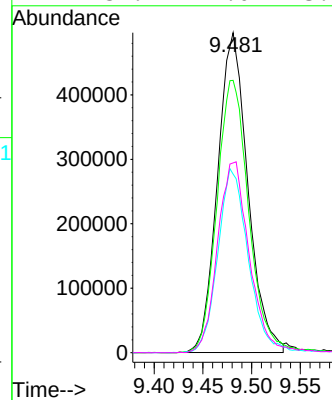
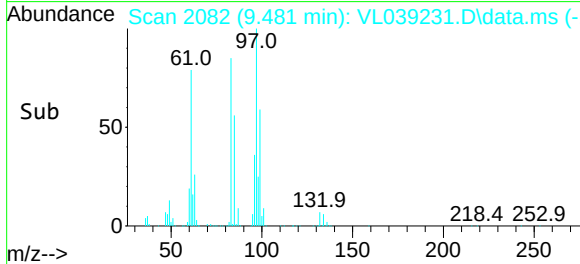
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



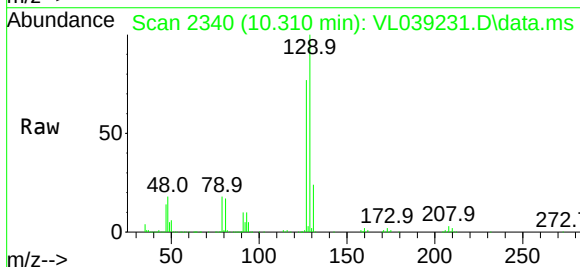
Tgt Ion: 97 Resp: 1072060
Ion Ratio Lower Upper
97 100
83 85.0 71.6 107.4
85 55.7 44.8 67.2
99 59.2 49.0 73.4

Manual Integrations
APPROVED

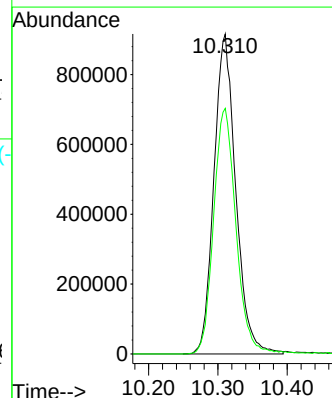
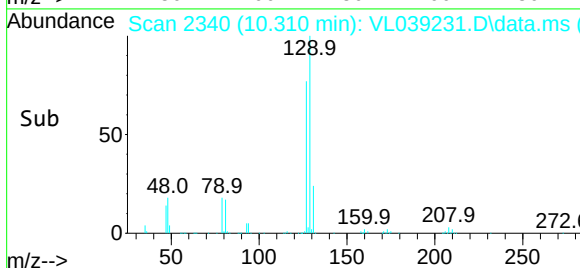
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

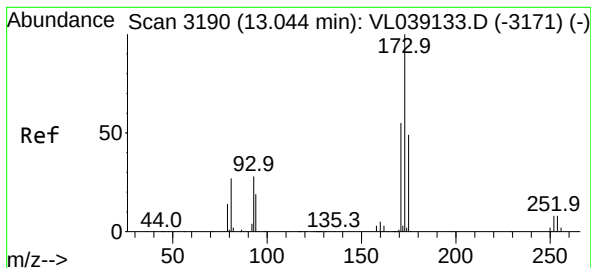


#48
Dibromochloromethane
Concen: 9.921 ppbv
RT: 10.310 min Scan# 2340
Delta R.T. 0.003 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24



Tgt Ion:129 Resp: 2002696
Ion Ratio Lower Upper
129 100
127 79.2 40.0 119.9





#49

Bromoform

Concen: 9.993 ppbv

RT: 13.043 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL039231.D

Acq: 8 Jun 2022 12:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 1680978

Ion Ratio Lower Upper

173 100

175 50.0 40.2 60.2

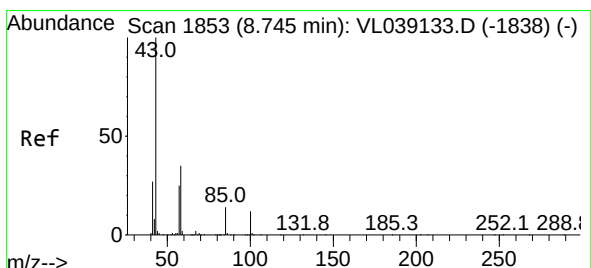
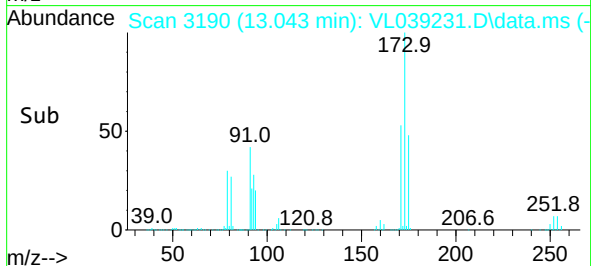
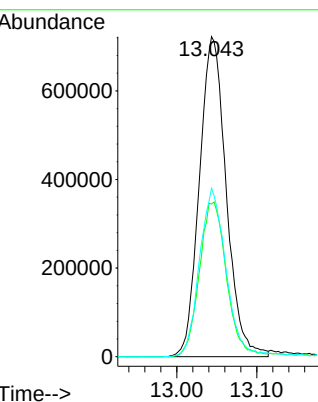
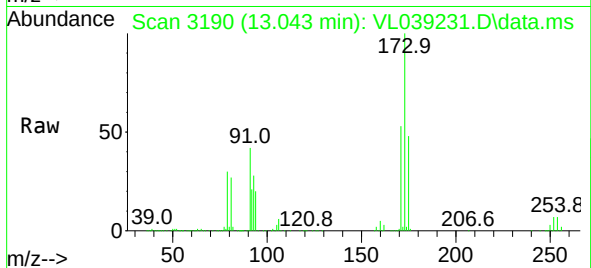
171 52.8 43.9 65.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#50

4-Methyl-2-Pentanone

Concen: 9.953 ppbv

RT: 8.741 min Scan# 1852

Delta R.T. -0.003 min

Lab File: VL039231.D

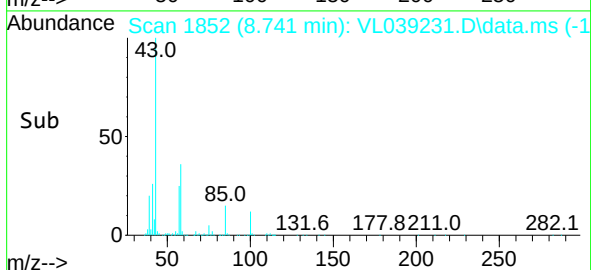
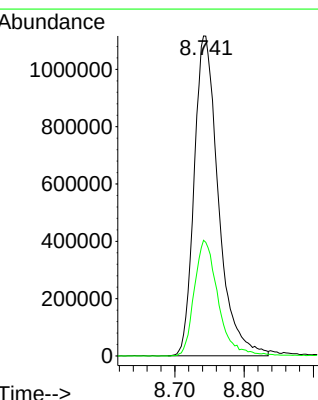
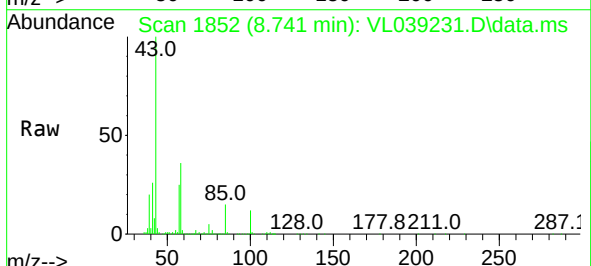
Acq: 8 Jun 2022 12:24

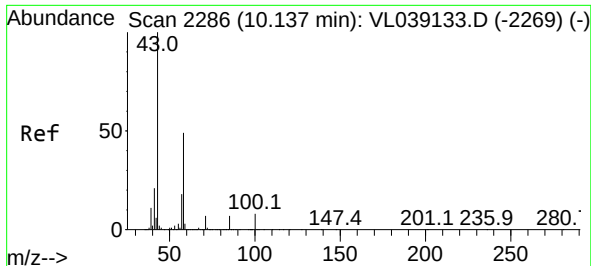
Tgt Ion: 43 Resp: 2716056

Ion Ratio Lower Upper

43 100

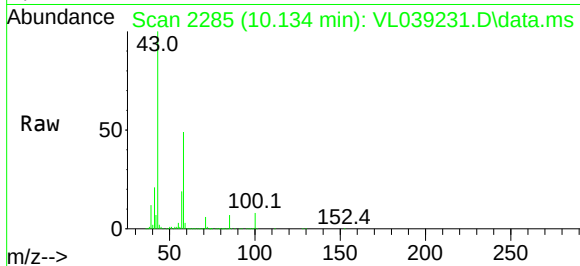
58 35.8 28.7 43.1





#51
2-Hexanone
Concen: 9.854 ppbv
RT: 10.134 min Scan# 2092324
Delta R.T. -0.003 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

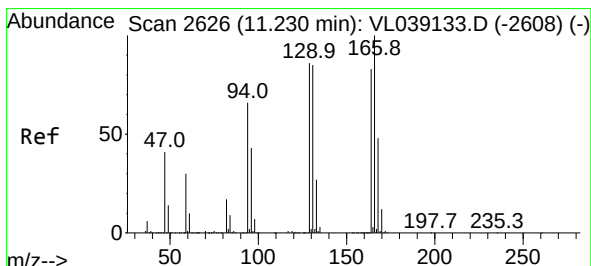
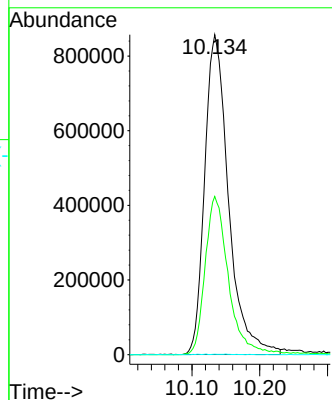
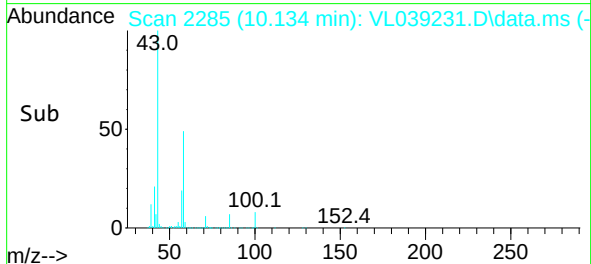
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 2092324
Ion Ratio Lower Upper
43 100
58 49.0 40.0 60.0
98 0.1 0.1 0.1

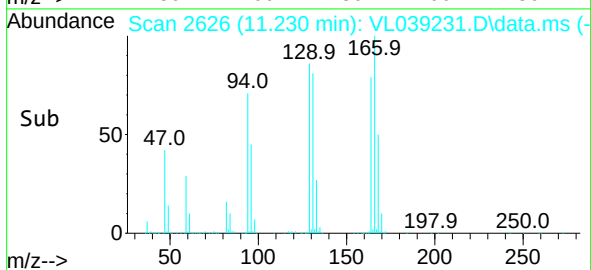
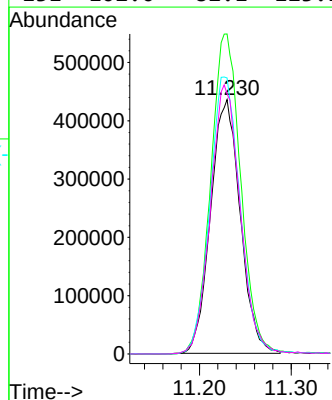
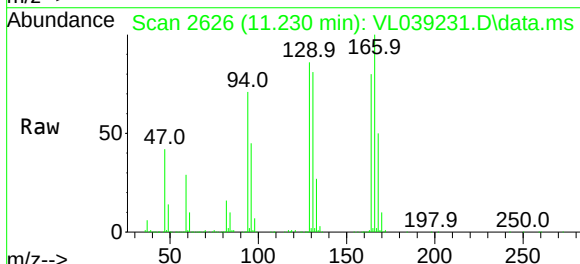
Manual Integrations
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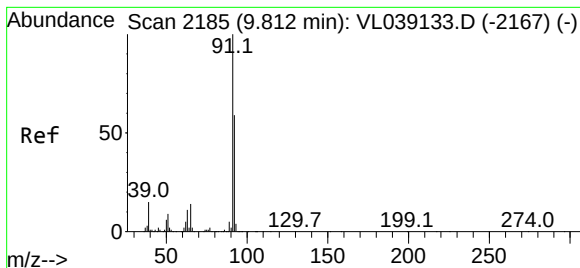
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#52
Tetrachloroethene
Concen: 9.162 ppbv
RT: 11.230 min Scan# 2626
Delta R.T. -0.000 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

Tgt Ion:164 Resp: 974568
Ion Ratio Lower Upper
164 100
166 125.7 96.3 144.5
129 108.4 82.5 123.7
131 102.0 82.1 123.1





#53

Toluene

Concen: 9.548 ppbv

RT: 9.809 min Scan# 2185

Delta R.T. -0.003 min

Lab File: VL039231.D

Acq: 8 Jun 2022 12:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 2995220

Ion Ratio Lower Upper

91 100

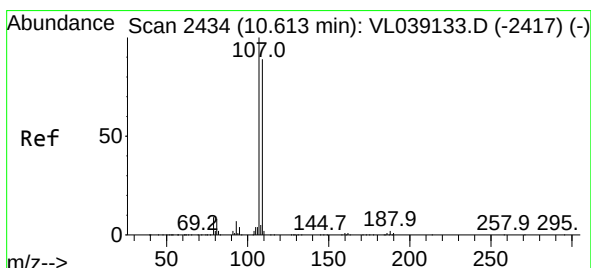
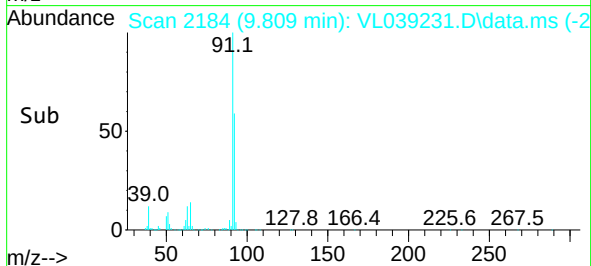
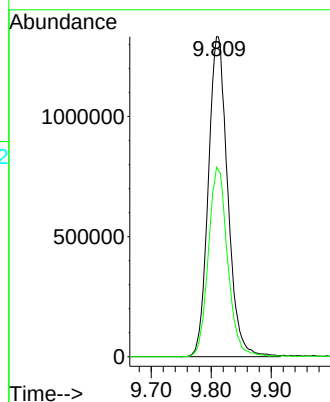
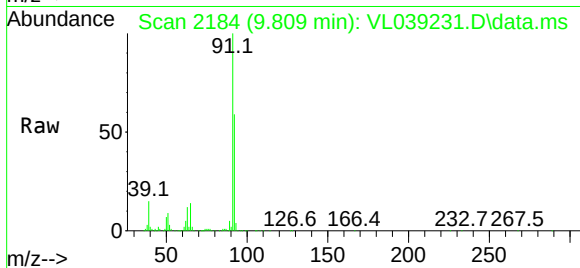
92 59.1 48.1 72.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#54

1,2-Dibromoethane

Concen: 10.417 ppbv

RT: 10.613 min Scan# 2434

Delta R.T. -0.000 min

Lab File: VL039231.D

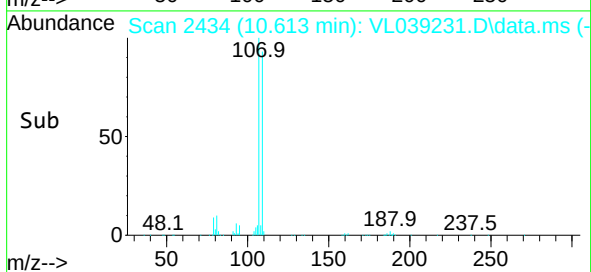
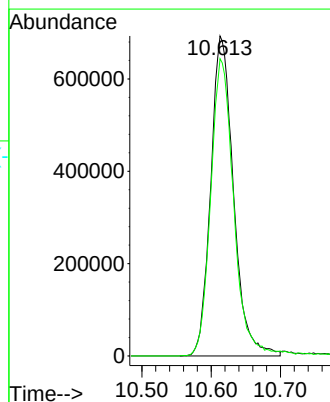
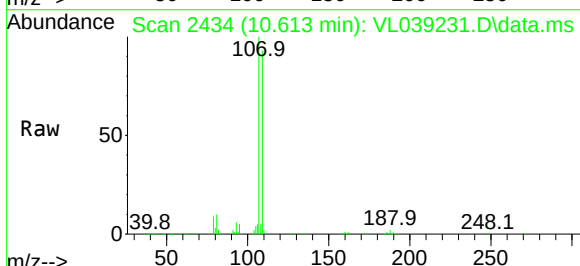
Acq: 8 Jun 2022 12:24

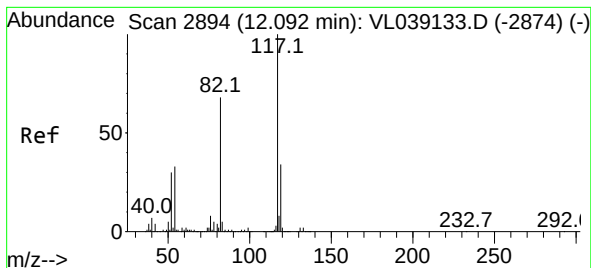
Tgt Ion:107 Resp: 1582549

Ion Ratio Lower Upper

107 100

109 92.8 71.4 107.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.092 min Scan# 2894

Delta R.T. -0.000 min

Lab File: VL039231.D

Acq: 8 Jun 2022 12:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:117 Resp: 310941

Ion Ratio Lower Upper

117 100

82 70.1 55.1 82.7

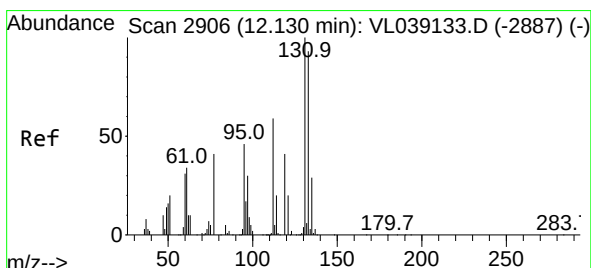
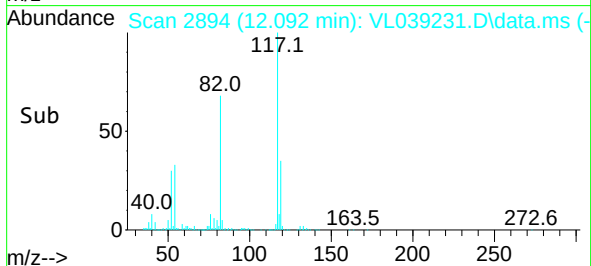
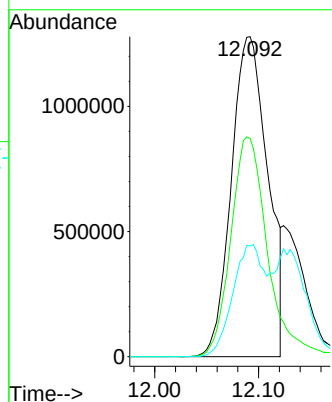
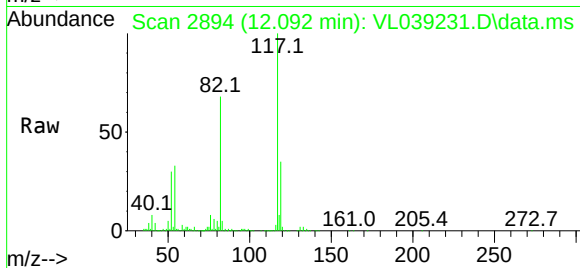
119 31.8 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 9.974 ppbv

RT: 12.130 min Scan# 2906

Delta R.T. -0.000 min

Lab File: VL039231.D

Acq: 8 Jun 2022 12:24

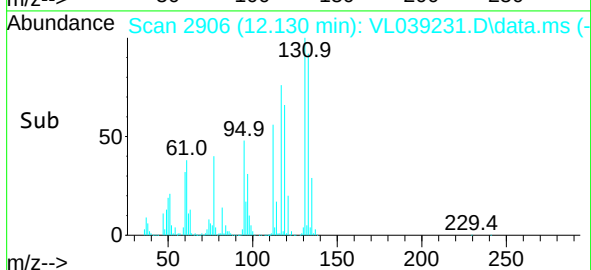
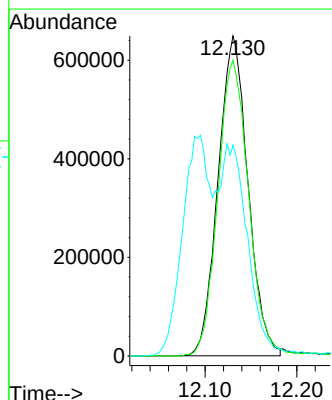
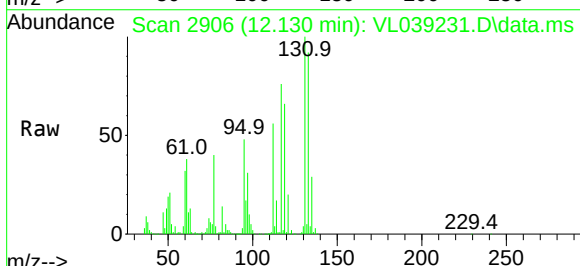
Tgt Ion:131 Resp: 1467512

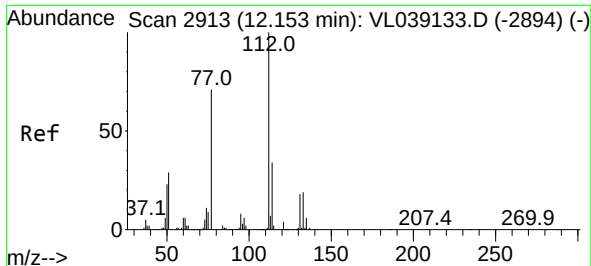
Ion Ratio Lower Upper

131 100

133 96.8 78.6 117.8

119 59.2 51.7 77.5





#57

Chlorobenzene

Concen: 9.582 ppbv

RT: 12.150 min Scan# 2913

Delta R.T. -0.003 min

Lab File: VL039231.D

Acq: 8 Jun 2022 12:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:112 Resp: 2241854

Ion Ratio Lower Upper

112 100

77 69.8 56.5 84.7

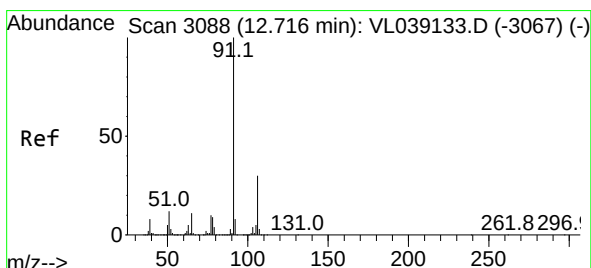
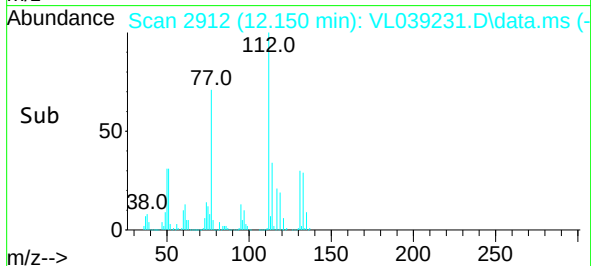
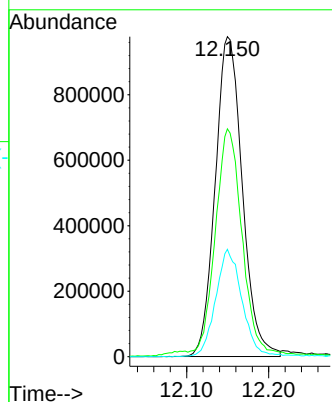
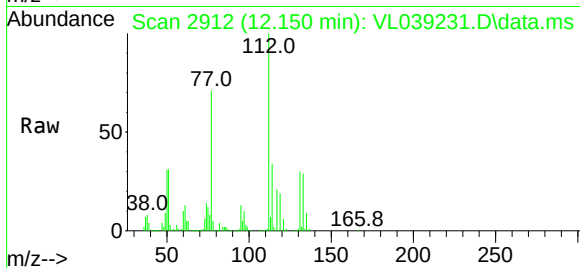
114 33.5 30.3 37.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#58

Ethyl Benzene

Concen: 9.738 ppbv

RT: 12.716 min Scan# 3088

Delta R.T. -0.000 min

Lab File: VL039231.D

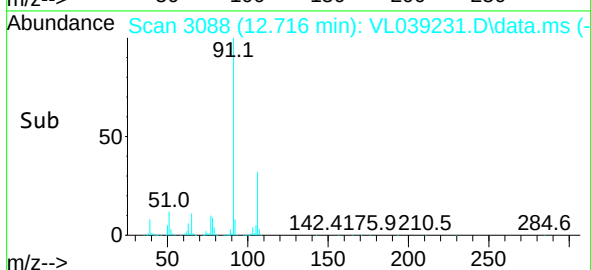
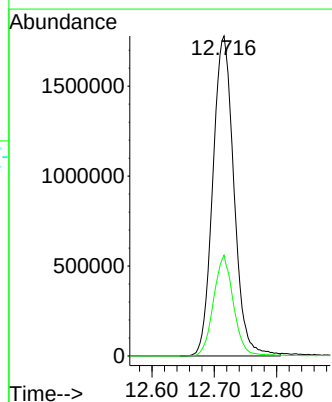
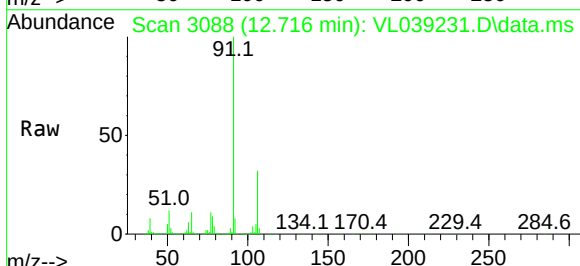
Acq: 8 Jun 2022 12:24

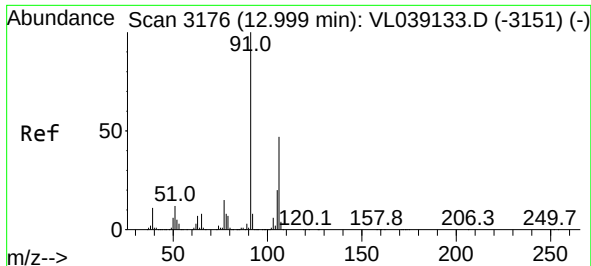
Tgt Ion: 91 Resp: 4170630

Ion Ratio Lower Upper

91 100

106 31.5 24.2 36.4





#59

m/p-Xylene

Concen: 19.101 ppbv m

RT: 12.998 min Scan# 3176

Delta R.T. -0.000 min

Lab File: VL039231.D

Acq: 8 Jun 2022 12:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 720441

Ion Ratio Lower Upper

91 100

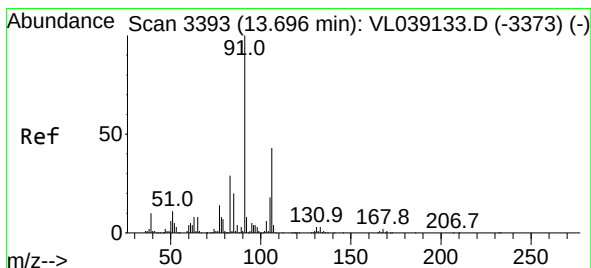
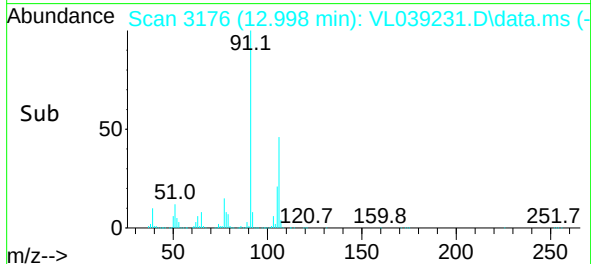
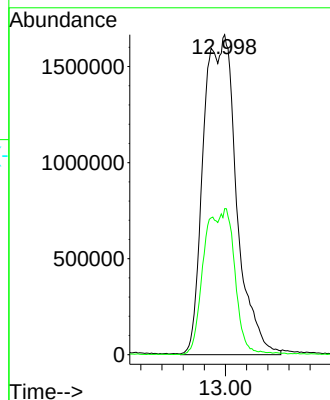
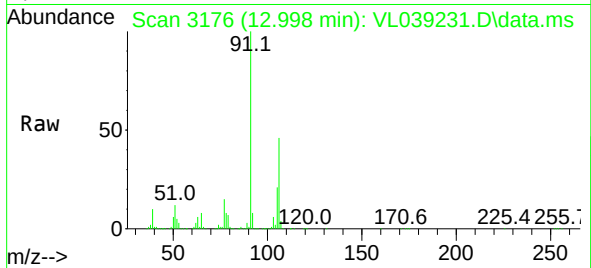
106 42.4 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#60

o-Xylene

Concen: 9.797 ppbv

RT: 13.696 min Scan# 3393

Delta R.T. -0.000 min

Lab File: VL039231.D

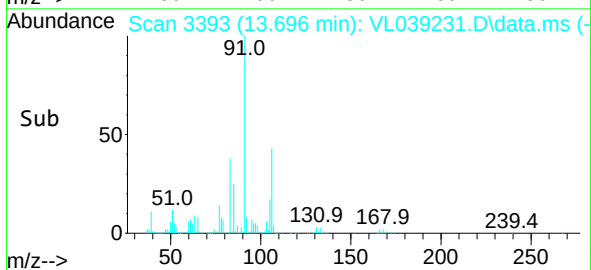
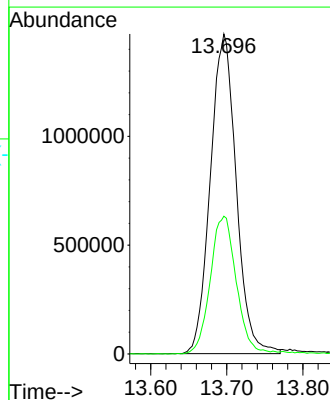
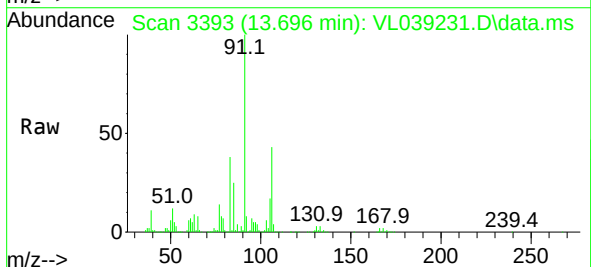
Acq: 8 Jun 2022 12:24

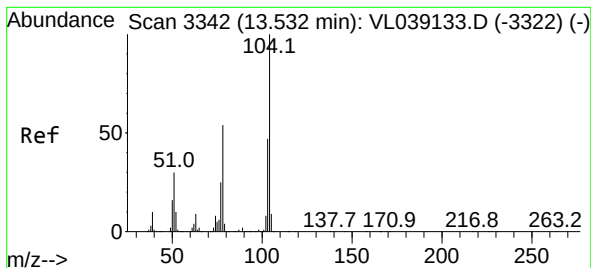
Tgt Ion: 91 Resp: 3472143

Ion Ratio Lower Upper

91 100

106 44.1 22.3 66.9





#61

Styrene

Concen: 10.095 ppbv

RT: 13.532 min Scan# 31

Delta R.T. -0.000 min

Lab File: VL039231.D

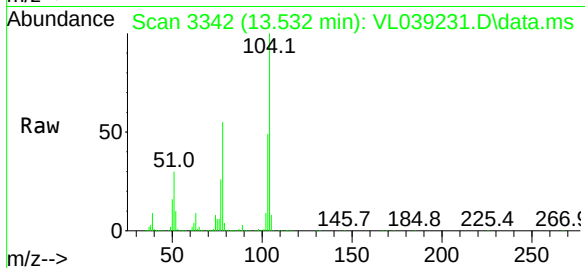
Acq: 8 Jun 2022 12:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:104 Resp: 191595

Ion Ratio Lower Upper

104 100

78 56.2 45.7 68.5

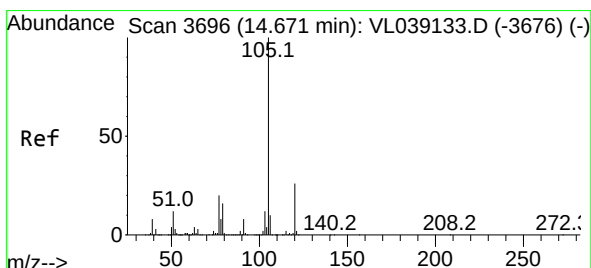
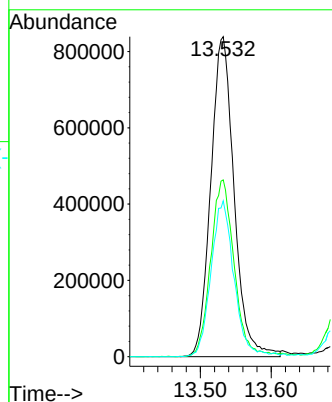
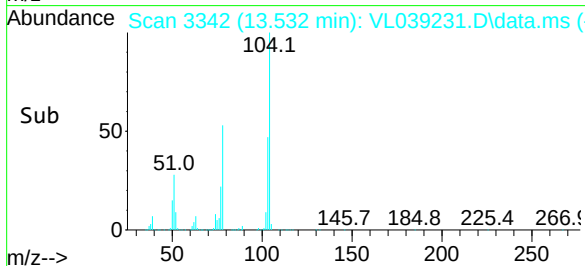
103 48.6 39.6 59.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#62

Isopropylbenzene

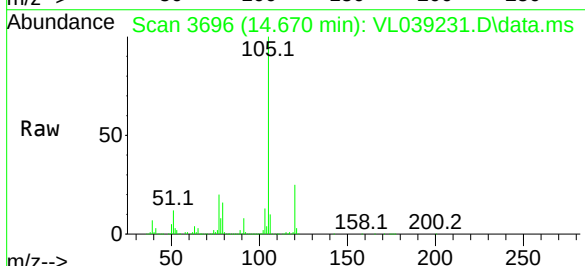
Concen: 10.068 ppbv

RT: 14.670 min Scan# 3696

Delta R.T. -0.000 min

Lab File: VL039231.D

Acq: 8 Jun 2022 12:24

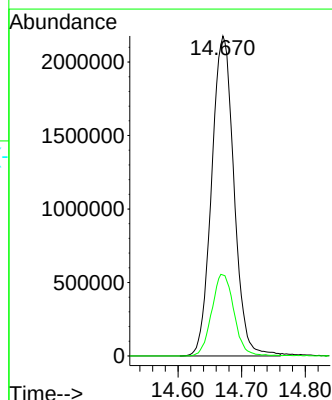
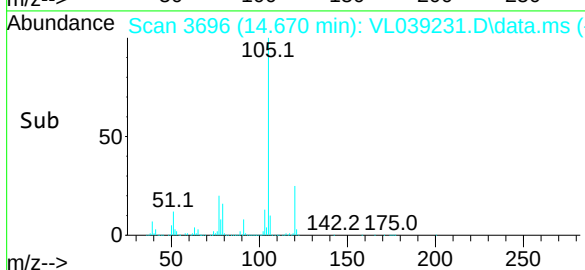


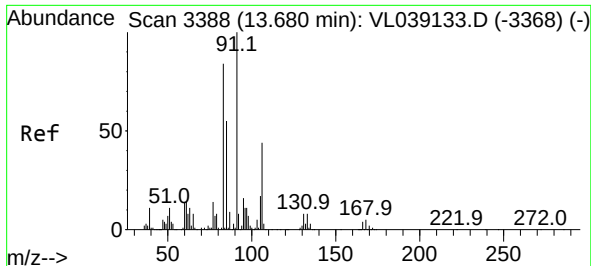
Tgt Ion:105 Resp: 5303283

Ion Ratio Lower Upper

105 100

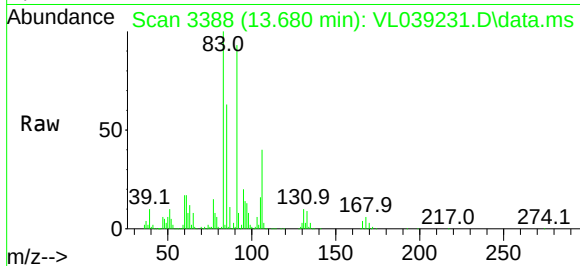
120 25.6 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 11.644 ppbv
RT: 13.680 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

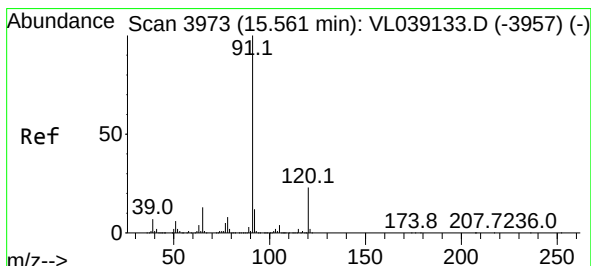
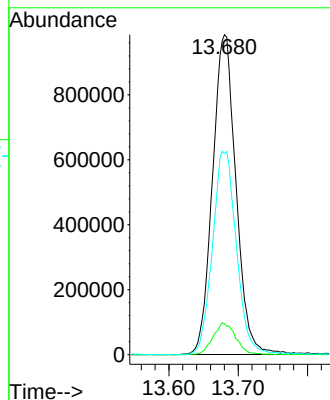
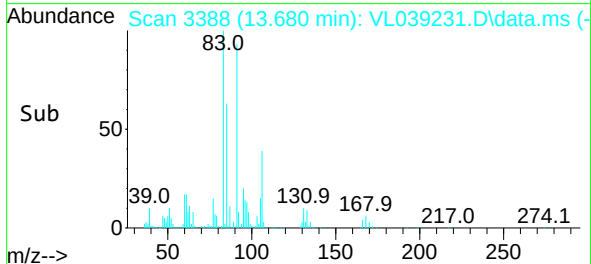
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



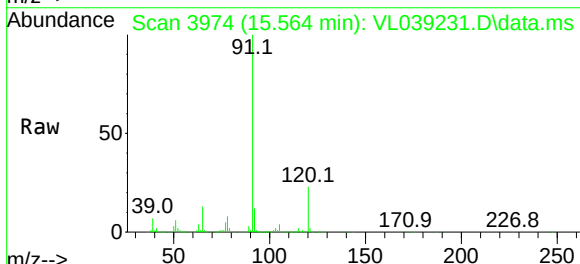
Tgt Ion: 83 Resp: 231636
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.3
85 65.1 33.0 99.0

Manual Integrations
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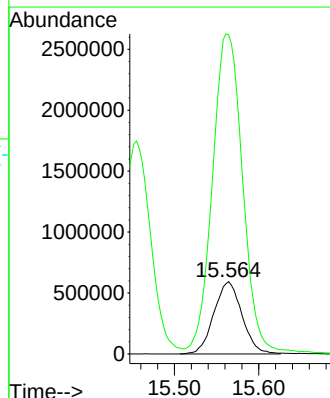
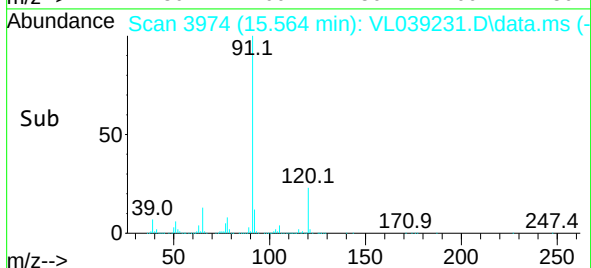
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

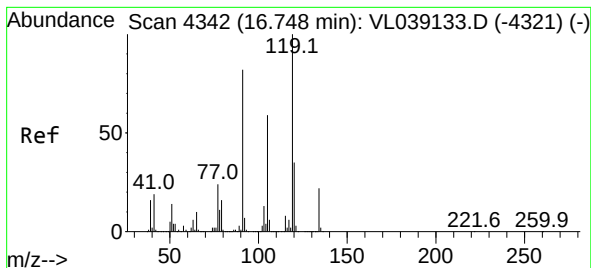


#64
n-propylbenzene
Concen: 10.596 ppbv
RT: 15.564 min Scan# 3974
Delta R.T. 0.003 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24



Tgt Ion:120 Resp: 1372090
Ion Ratio Lower Upper
120 100
91 479.2 388.4 582.6





#65

tert-Butylbenzene

Concen: 10.015 ppbv

RT: 16.744 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL039231.D

Acq: 8 Jun 2022 12:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 482426

Ion Ratio Lower Upper

119 100

91 84.8 67.1 100.7

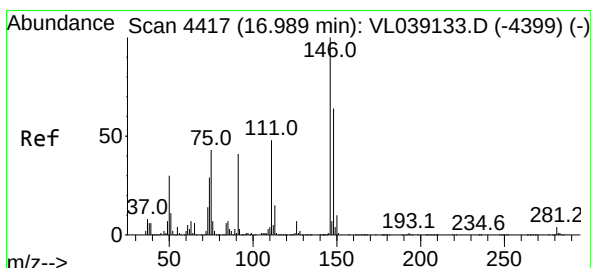
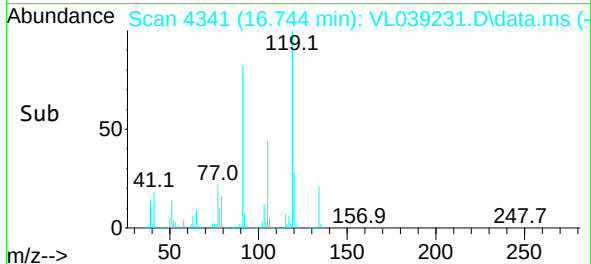
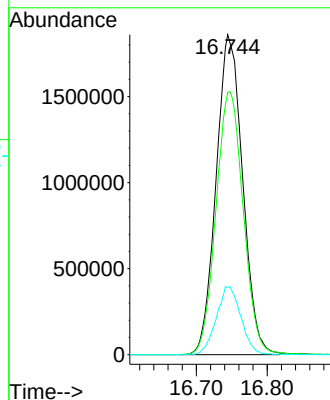
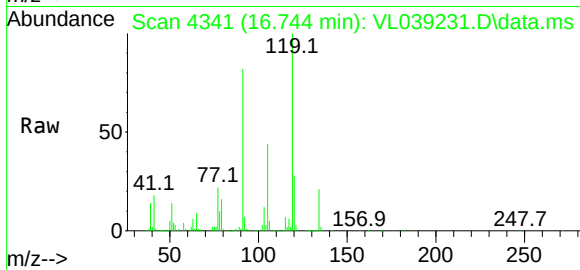
134 19.8 15.8 23.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#66

Benzyl Chloride

Concen: 5.892 ppbv

RT: 16.992 min Scan# 4418

Delta R.T. 0.003 min

Lab File: VL039231.D

Acq: 8 Jun 2022 12:24

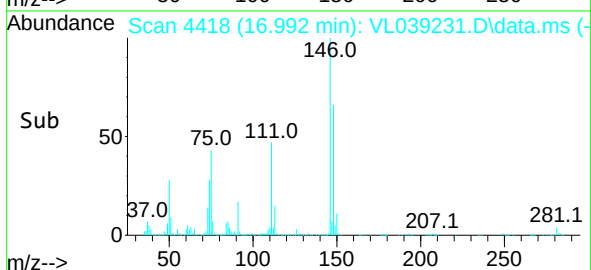
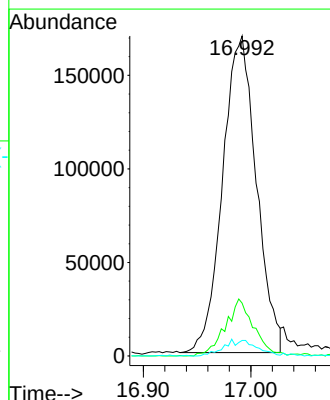
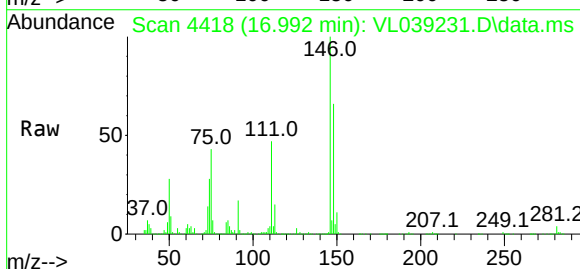
Tgt Ion: 91 Resp: 369018

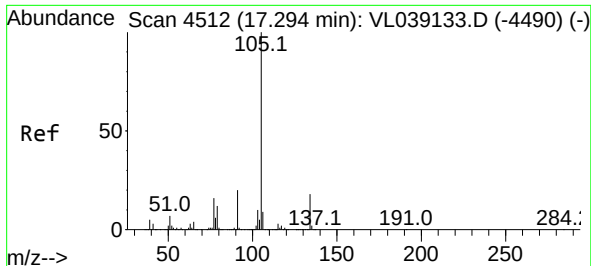
Ion Ratio Lower Upper

91 100

126 15.5 13.4 20.0

128 5.2 4.1 6.1





#67

sec-Butylbenzene

Concen: 10.301 ppbv

RT: 17.294 min Scan# 4512

Delta R.T. -0.000 min

Lab File: VL039231.D

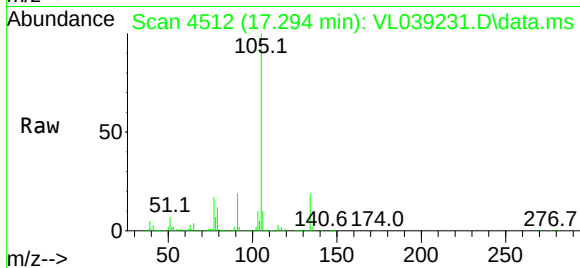
Acq: 8 Jun 2022 12:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:105 Resp: 6770429

Ion Ratio Lower Upper

105 100

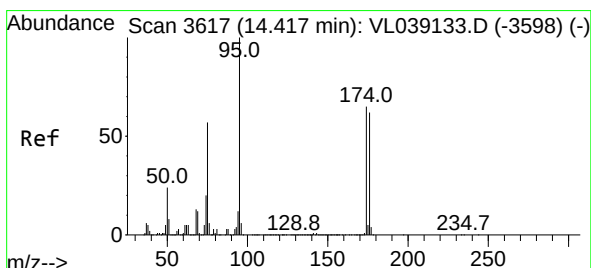
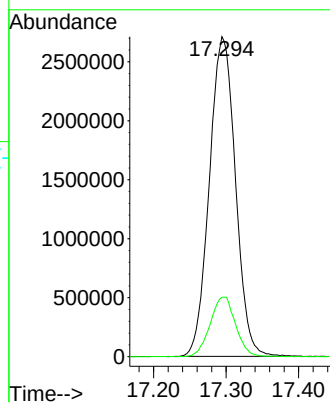
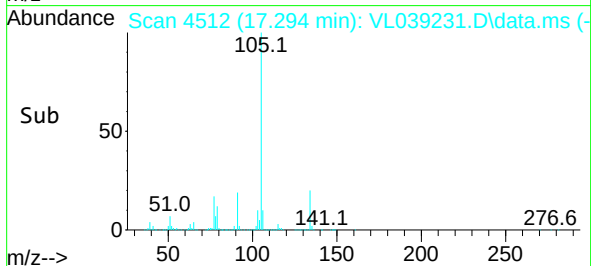
134 18.3 14.4 21.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.203 ppbv

RT: 14.416 min Scan# 3617

Delta R.T. -0.000 min

Lab File: VL039231.D

Acq: 8 Jun 2022 12:24

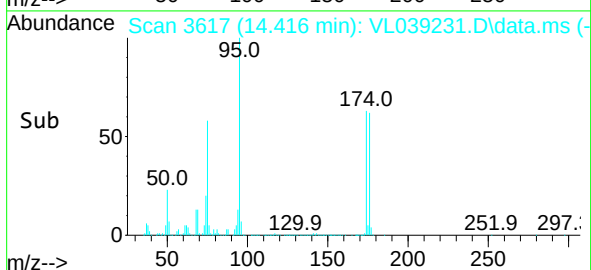
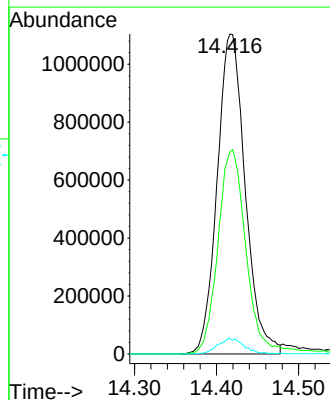
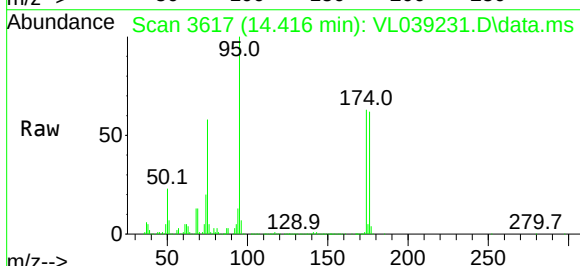
Tgt Ion: 95 Resp: 2622746

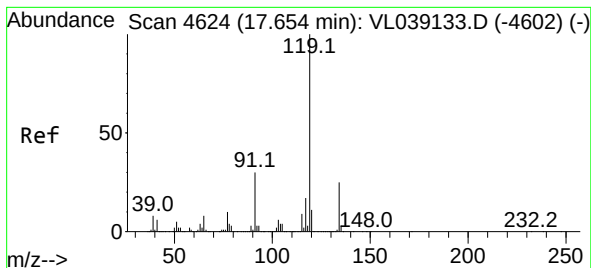
Ion Ratio Lower Upper

95 100

174 65.7 53.8 80.8

175 4.7 4.1 6.1





#69

p-Isopropyltoluene

Concen: 10.308 ppbv

RT: 17.651 min Scan# 40

Delta R.T. -0.003 min

Lab File: VL039231.D

Acq: 8 Jun 2022 12:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 5715724

Ion Ratio Lower Upper

119 100

134 25.5 20.4 30.6

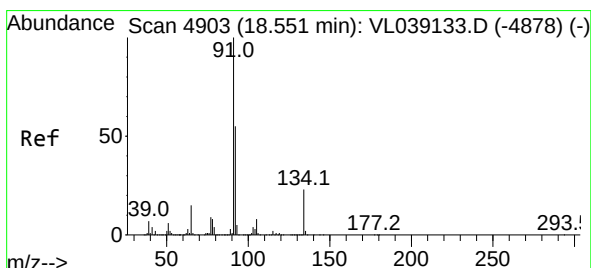
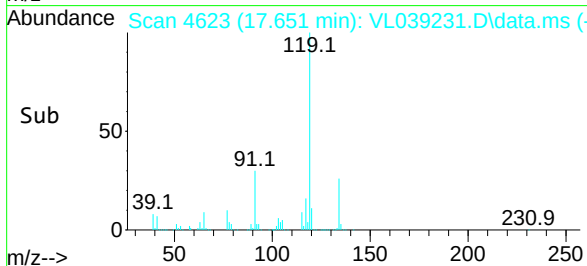
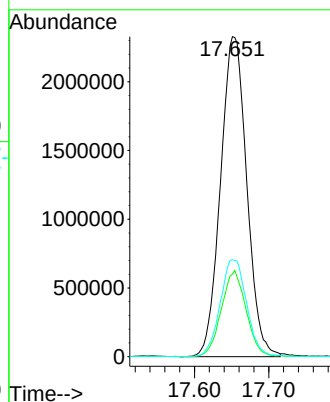
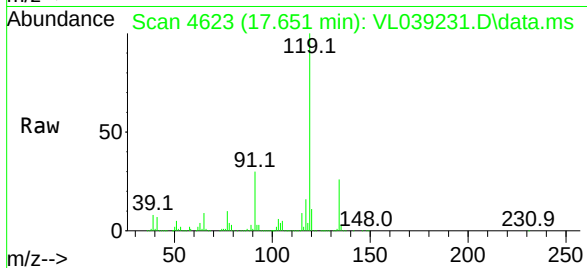
91 30.5 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#70

n-Butylbenzene

Concen: 10.685 ppbv

RT: 18.551 min Scan# 4903

Delta R.T. -0.000 min

Lab File: VL039231.D

Acq: 8 Jun 2022 12:24

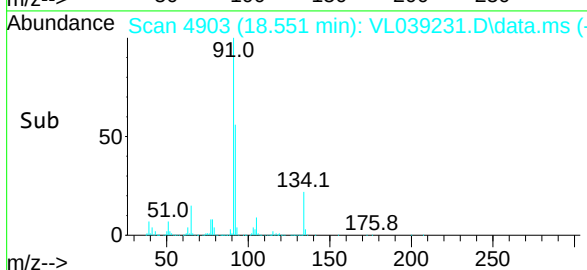
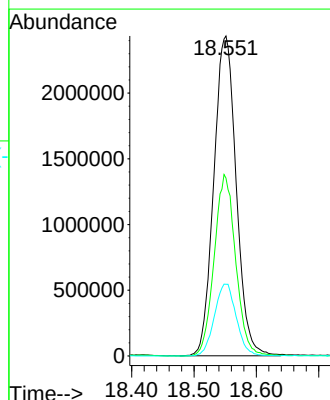
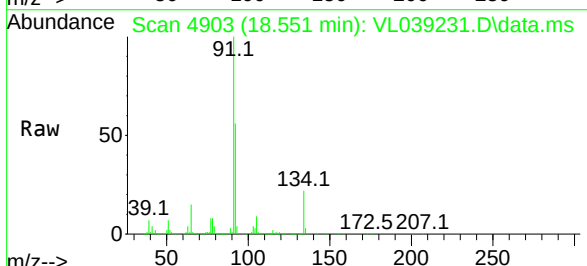
Tgt Ion: 91 Resp: 6081145

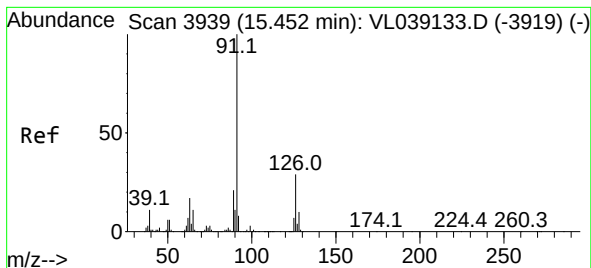
Ion Ratio Lower Upper

91 100

92 54.4 43.6 65.4

134 22.0 17.7 26.5





#71

2-Chlorotoluene

Concen: 10.268 ppbv

RT: 15.455 min Scan# 3939

Delta R.T. 0.003 min

Lab File: VL039231.D

Acq: 8 Jun 2022 12:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 4124710

Ion Ratio Lower Upper

91 100

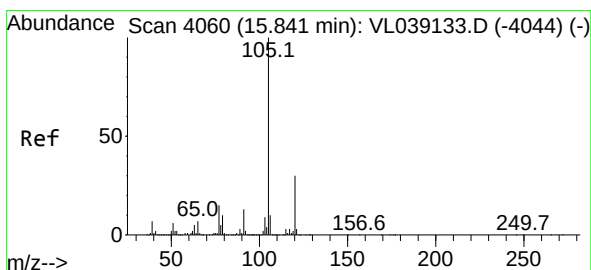
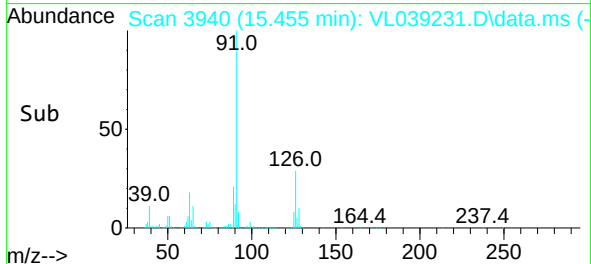
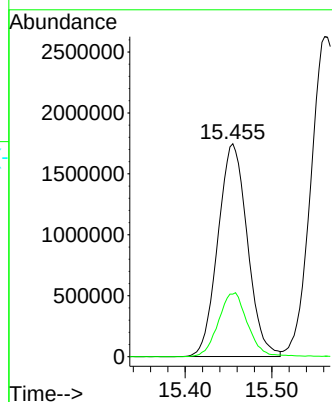
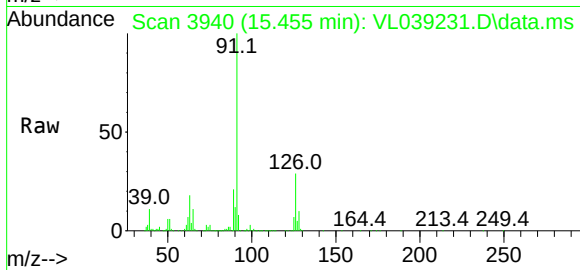
126 30.0 12.2 48.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#72

4-Ethyltoluene

Concen: 10.134 ppbv

RT: 15.841 min Scan# 4060

Delta R.T. -0.000 min

Lab File: VL039231.D

Acq: 8 Jun 2022 12:24

Tgt Ion:105 Resp: 4209544

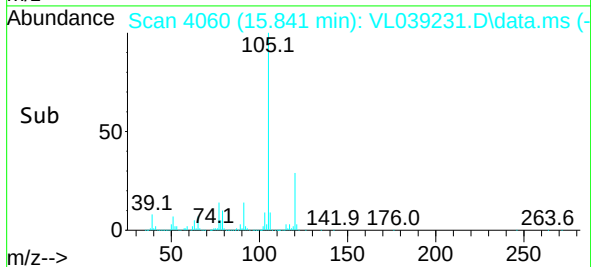
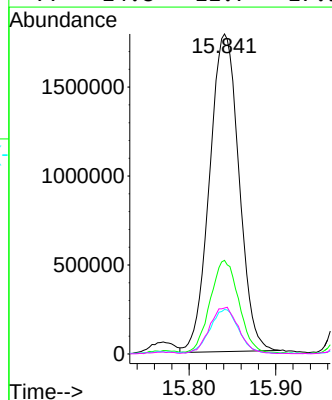
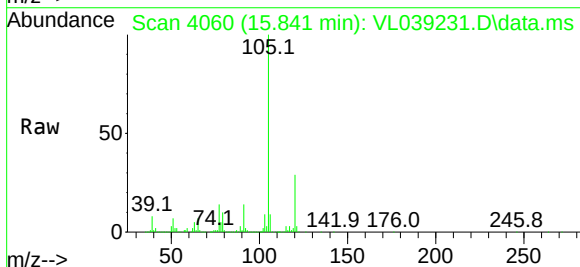
Ion Ratio Lower Upper

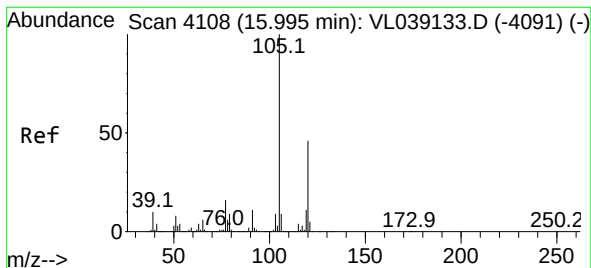
105 100

120 29.4 23.9 35.9

91 13.8 10.6 16.0

77 14.8 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 10.212 ppbv

RT: 15.998 min Scan# 4109

Delta R.T. 0.003 min

Lab File: VL039231.D

Acq: 8 Jun 2022 12:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 382604

Ion Ratio Lower Upper

105 100

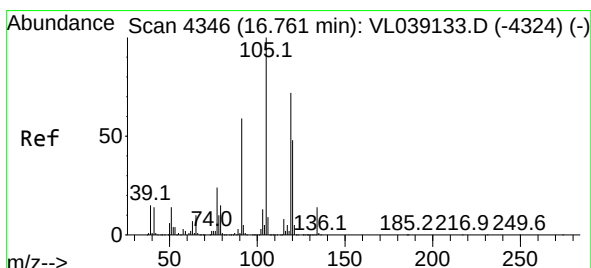
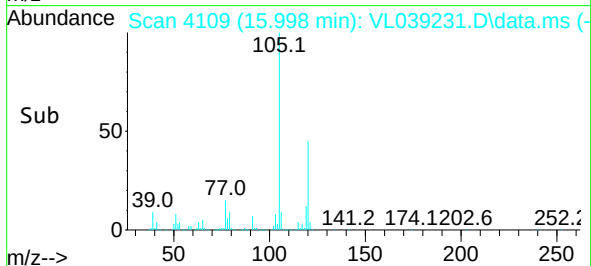
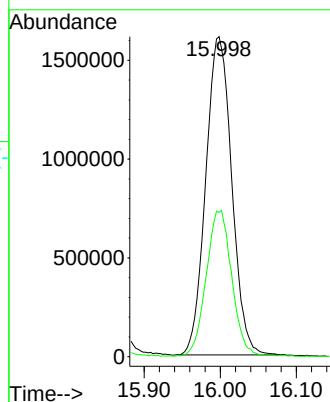
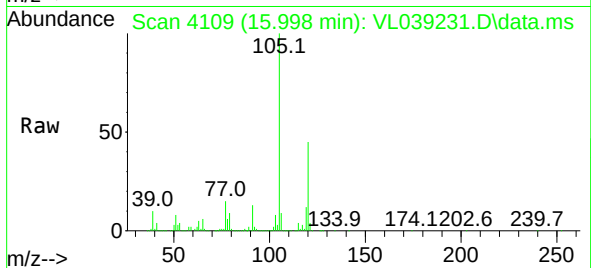
120 45.1 36.7 55.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#74

1,2,4-Trimethylbenzene

Concen: 10.018 ppbv

RT: 16.764 min Scan# 4347

Delta R.T. 0.003 min

Lab File: VL039231.D

Acq: 8 Jun 2022 12:24

Tgt Ion:105 Resp: 4188623

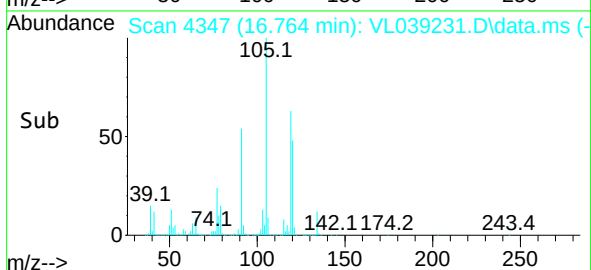
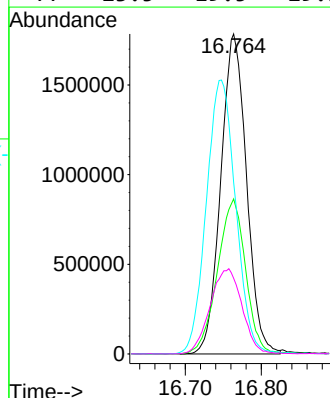
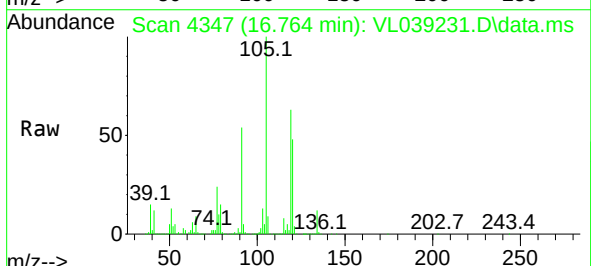
Ion Ratio Lower Upper

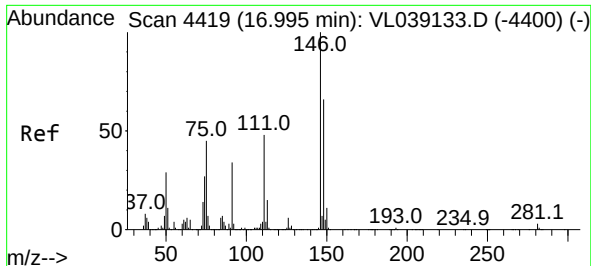
105 100

120 48.4 38.1 57.1

91 53.2 47.4 71.0

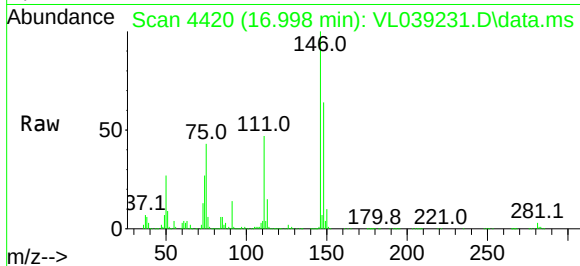
77 23.5 19.5 29.3





#75
1,3-Dichlorobenzene
Concen: 10.135 ppbv
RT: 16.998 min Scan# 4419
Delta R.T. 0.003 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

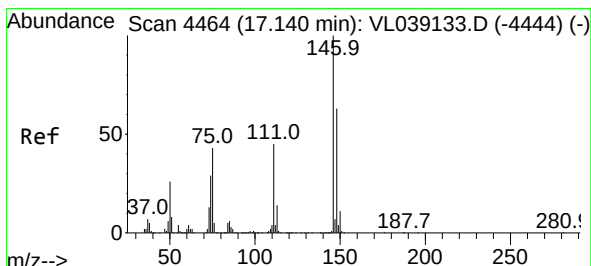
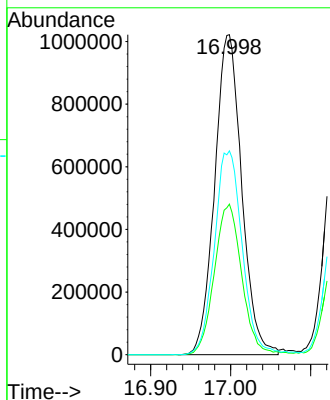
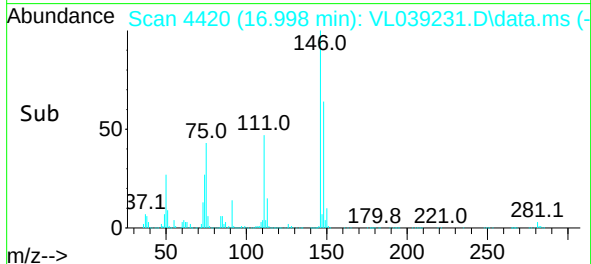
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



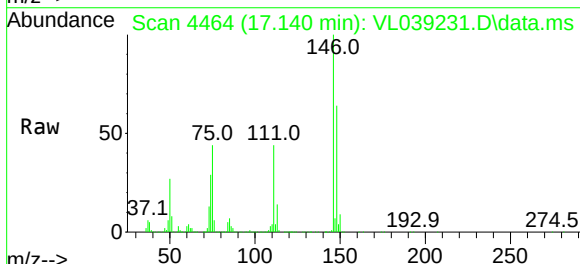
Tgt Ion:146 Resp: 2398509
Ion Ratio Lower Upper
146 100
111 47.7 23.8 71.4
148 65.5 32.4 97.0

Manual Integrations
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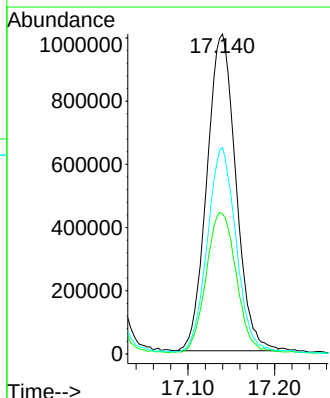
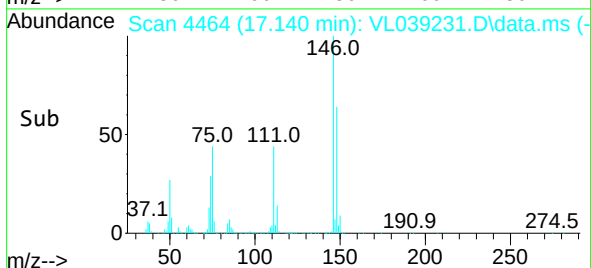
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

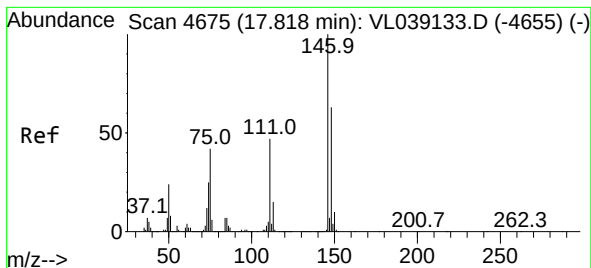


#76
1,4-Dichlorobenzene
Concen: 9.848 ppbv
RT: 17.140 min Scan# 4464
Delta R.T. -0.000 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24



Tgt Ion:146 Resp: 2325286
Ion Ratio Lower Upper
146 100
111 47.7 23.6 71.0
148 66.3 33.7 101.0





#77

1,2-Dichlorobenzene

Concen: 9.984 ppbv

RT: 17.815 min Scan# 40

Delta R.T. -0.003 min

Lab File: VL039231.D

Acq: 8 Jun 2022 12:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 2381308

Ion Ratio Lower Upper

146 100

111 49.9 24.4 73.4

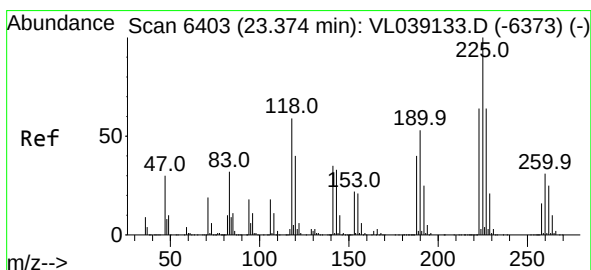
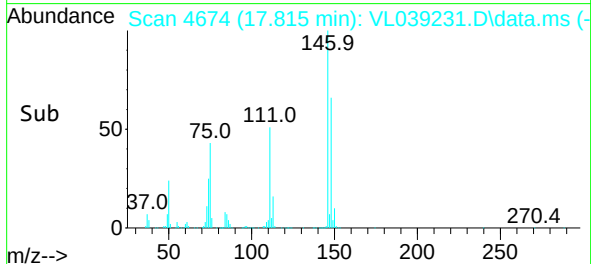
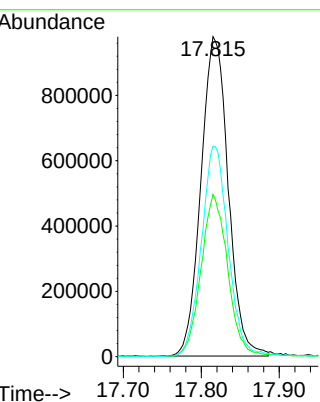
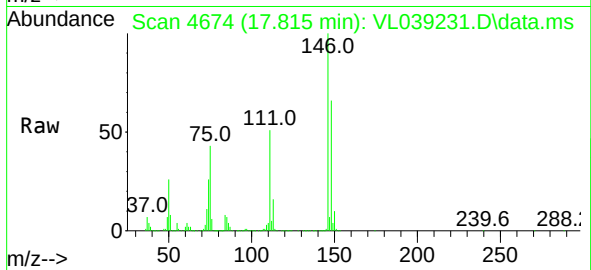
148 65.2 32.1 96.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#78

Hexachloro-1,3-Butadiene

Concen: 9.083 ppbv

RT: 23.374 min Scan# 6403

Delta R.T. -0.000 min

Lab File: VL039231.D

Acq: 8 Jun 2022 12:24

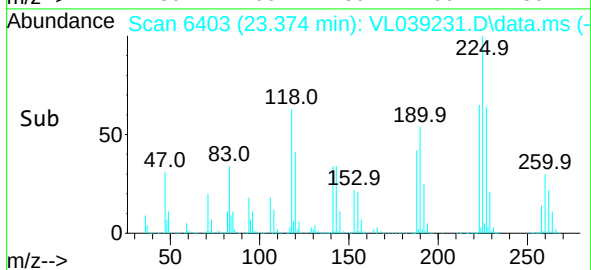
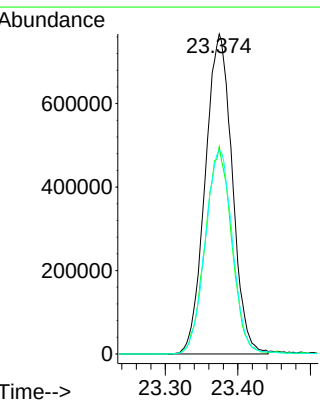
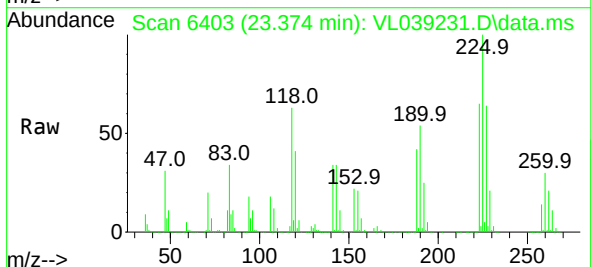
Tgt Ion:225 Resp: 1980946

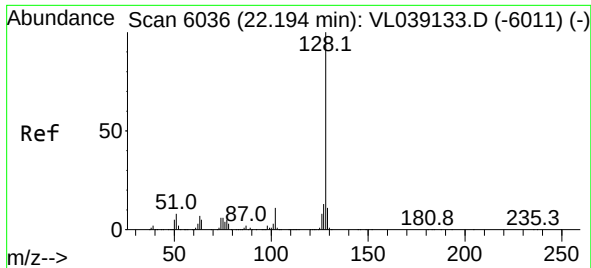
Ion Ratio Lower Upper

225 100

223 63.1 51.4 77.0

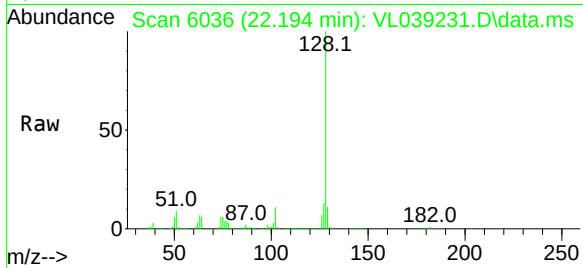
227 64.6 50.6 75.8





#79
Naphthalene
Concen: 11.070 ppbv
RT: 22.194 min Scan# 6036
Delta R.T. -0.000 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24

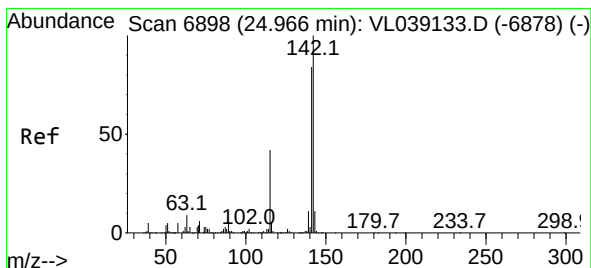
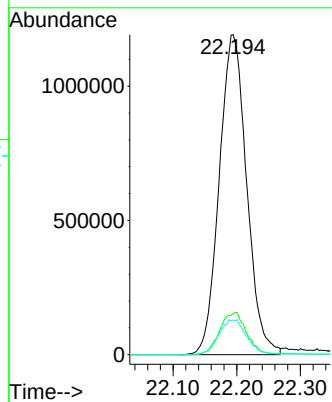
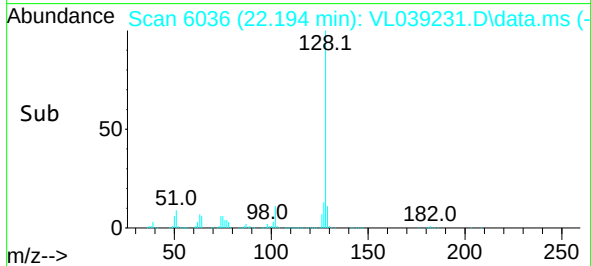
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



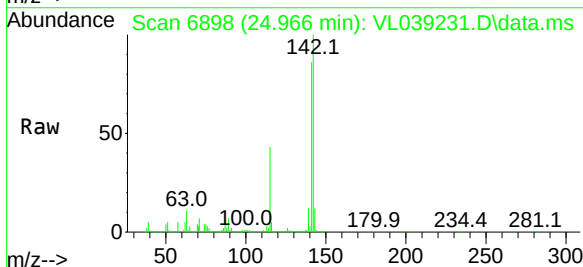
Tgt Ion:128 Resp: 356289
Ion Ratio Lower Upper
128 100
127 12.8 10.4 15.6
129 10.8 9.0 13.6

Manual Integrations
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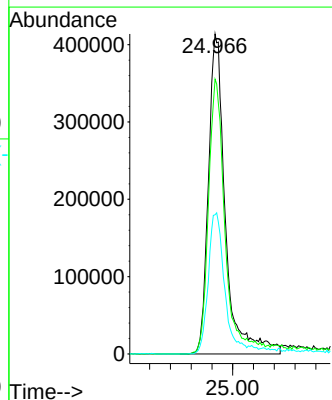
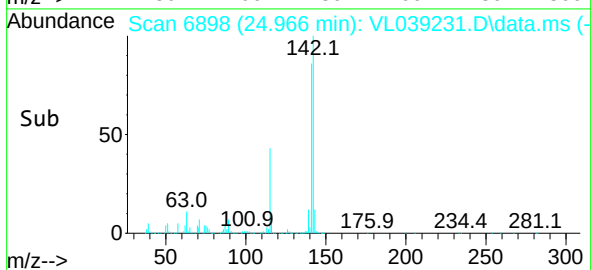
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

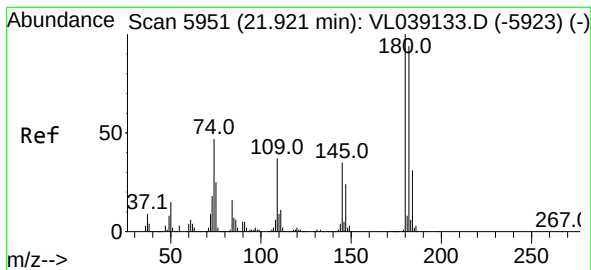


#80
Naphthalene,2-methyl-
Concen: 7.872 ppbv
RT: 24.966 min Scan# 6898
Delta R.T. -0.000 min
Lab File: VL039231.D
Acq: 8 Jun 2022 12:24



Tgt Ion:142 Resp: 941284
Ion Ratio Lower Upper
142 100
141 84.0 64.6 96.8
115 46.1 32.7 49.1





#81

1,2,4-Trichlorobenzene

Concen: 9.913 ppbv

RT: 21.927 min Scan# 5953

Delta R.T. 0.006 min

Lab File: VL039231.D

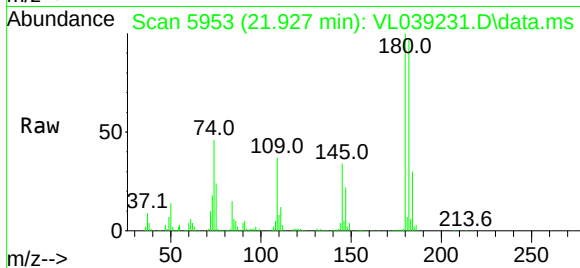
Acq: 8 Jun 2022 12:24

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 202125

Ion Ratio Lower Upper

180 100

182 99.4 0.0 0.0

184 30.8 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022

