

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071922\
 Data File : VL039480.D
 Acq On : 19 Jul 2022 12:51
 Operator : SY/AP
 Sample : VISTCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Jul 20 05:39:05 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 20 05:39:05 2022
 QLast Update : Wed Jul 06 02:15:38 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/20/2022
 Supervised By : Mahesh Dadoda 07/21/2022

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

Internal Standards						
1) Bromochloromethane	5.680	49	1213829	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.185	114	3369384	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.098	117	3252088m	10.000	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.429	95	2474862	10.258	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.600%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.057	85	1252537	7.154	ppbv	98
3) Chlorodifluoromethane	2.996	51	1438350	9.340	ppbv	99
4) Chloromethane	3.147	50	797865	9.473	ppbv	99
5) Vinyl Chloride	3.266	62	755007	9.091	ppbv	95
6) Bromomethane	3.481	94	334236	9.562	ppbv	98
7) Chloroethane	3.565	64	286218	9.689	ppbv	94
8) Dichlorotetrafluoroethane	3.195	85	1711283	8.948	ppbv	98
9) Propene	3.018	41	626959	9.015	ppbv	98
10) Heptane	8.137	43	1627242	9.990	ppbv	99
11) Trichlorofluoromethane	3.960	101	1857952	9.523	ppbv	97
12) 1,1,2-Trichlorotrifluoro...	4.494	101	1399326	9.621	ppbv	99
13) Ethanol	3.607	45	46002	11.401	ppbv	82
14) Bromoethene	3.748	108	587312	9.605	ppbv	98
15) Acetone	3.854	43	1387612	9.663	ppbv	98
16) 1,3-Butadiene	3.333	39	753440	10.112	ppbv	98
17) tert-Butyl alcohol	4.288	59	1373426	11.268	ppbv	99
18) 1,1-Dichloroethene	4.298	96	621767	9.436	ppbv	97
19) Isopropyl Alcohol	3.967	45	748447	9.771	ppbv #	96
20) Methylene Chloride	4.353	84	516199	9.018	ppbv #	95
21) Allyl Chloride	4.420	41	968818	9.741	ppbv	99
22) trans-1,2-Dichloroethene	4.896	96	643745	10.093	ppbv	97
23) Vinyl Acetate	5.079	43	1098851	11.450	ppbv	99
24) 1,1-Dichloroethane	5.021	63	1306564	9.640	ppbv	99
25) Ethyl Acetate	5.687	43	2928000	9.944	ppbv	100
26) Hexane	5.697	57	1222906	10.303	ppbv	96
27) Carbon Disulfide	4.558	76	1551954	10.833	ppbv	98
28) Methyl tert-Butyl Ether	5.044	73	1214362	9.569	ppbv	98
29) Chloroform	5.764	83	1981753	9.602	ppbv	98
30) Cyclohexane	7.140	84	1108467	10.258	ppbv	96
31) cis-1,2-Dichloroethene	5.558	61	1260882	10.012	ppbv	99
32) 1,1,1-Trichloroethane	6.523	97	2112510	10.370	ppbv	98
34) 2-Butanone	5.250	43	1758324	10.367	ppbv	100
35) Carbon Tetrachloride	7.028	117	2231180	10.717	ppbv	96
36) Benzene	6.906	78	2642006	10.131	ppbv	96
37) 1,2-Dichloroethane	6.317	62	1550144	10.071	ppbv	100
38) Trichloroethene	7.848	130	1436933	10.188	ppbv	98
39) 1,2-Dichloropropane	7.626	63	970773	9.965	ppbv	94
40) 1,4-Dioxane	7.838	88	384222	9.897	ppbv #	1
41) Tetrahydrofuran	6.057	42	1000205	10.176	ppbv	98
42) Bromodichloromethane	7.803	83	2205979	10.629	ppbv	95
43) Methyl Methacrylate	8.024	69	1079547	10.887	ppbv	100
44) 2,2,4-Trimethylpentane	7.883	57	4387391	9.928	ppbv	99
45) t-1,3-Dichloropropene	9.288	75	757307	8.578	ppbv	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071922\
 Data File : VL039480.D
 Acq On : 19 Jul 2022 12:51
 Operator : SY/AP
 Sample : VISTCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Jul 20 05:39:05 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 6

QLast Update : Wed Jul 06 02:15:38 2022

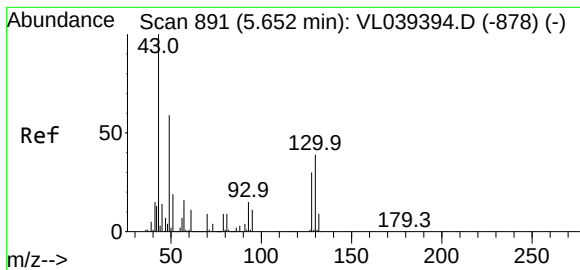
Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/21/2022

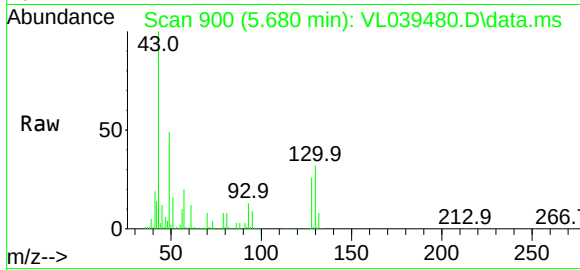
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.716	75	1056485	8.694	ppbv	99
47) 1,1,2-Trichloroethane	9.491	97	1025946	9.386	ppbv	97
48) Dibromochloromethane	10.317	129	1918622	11.043	ppbv	100
49) Bromoform	13.056	173	1625888	11.600	ppbv	99
50) 4-Methyl-2-Pentanone	8.751	43	2348863	9.159	ppbv	98
51) 2-Hexanone	10.143	43	2155438	11.111	ppbv	100
52) Tetrachloroethene	11.233	164	1025622	9.770	ppbv	96
53) Toluene	9.819	91	3148932	10.469	ppbv	100
54) 1,2-Dibromoethane	10.622	107	1446453	10.635	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.140	131	1438742	10.015	ppbv	95
57) Chlorobenzene	12.159	112	2425370	9.619	ppbv	99
58) Ethyl Benzene	12.722	91	4213361	10.034	ppbv	99
59) m/p-Xylene	13.011	91	7300797m	19.721	ppbv	
60) o-Xylene	13.703	91	3510175	10.013	ppbv	100
61) Styrene	13.539	104	2094197	11.028	ppbv	100
62) Isopropylbenzene	14.680	105	5171737	9.688	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.690	83	1673647	9.108	ppbv	100
64) n-propylbenzene	15.577	120	1371246	10.134	ppbv	99
65) tert-Butylbenzene	16.757	119	4832317	9.795	ppbv	100
66) Benzyl Chloride	16.998	91	546564	11.659	ppbv	97
67) sec-Butylbenzene	17.307	105	6551703	9.860	ppbv	99
69) p-Isopropyltoluene	17.664	119	5687768	10.088	ppbv	100
70) n-Butylbenzene	18.558	91	5509579	10.068	ppbv	99
71) 2-Chlorotoluene	15.465	91	3818672	9.994	ppbv	100
72) 4-Ethyltoluene	15.851	105	4289743	10.408	ppbv	99
73) 1,3,5-Trimethylbenzene	16.008	105	3910967	10.331	ppbv	98
74) 1,2,4-Trimethylbenzene	16.773	105	4198430	10.026	ppbv	97
75) 1,3-Dichlorobenzene	17.008	146	2517939	10.080	ppbv	99
76) 1,4-Dichlorobenzene	17.149	146	2408020	9.726	ppbv	100
77) 1,2-Dichlorobenzene	17.825	146	2429253	9.811	ppbv	100
78) Hexachloro-1,3-Butadiene	23.384	225	1818269	9.131	ppbv	99
79) Naphthalene	22.204	128	3476244	12.062	ppbv	100
80) Naphthalene,2-methyl-	24.976	142	1342409	13.686	ppbv	97
81) 1,2,4-Trichlorobenzene	21.937	180	2020970	10.766	ppbv	99

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



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.680 min Scan# 90
 Delta R.T. 0.029 min
 Lab File: VL039480.D
 Acq: 19 Jul 2022 12:51

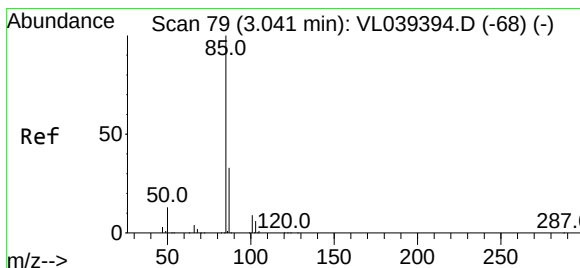
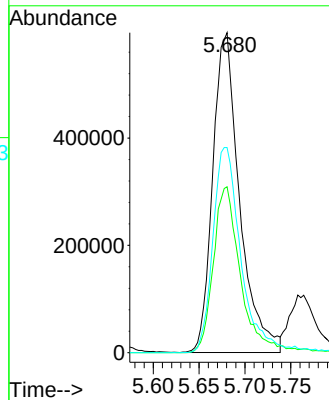
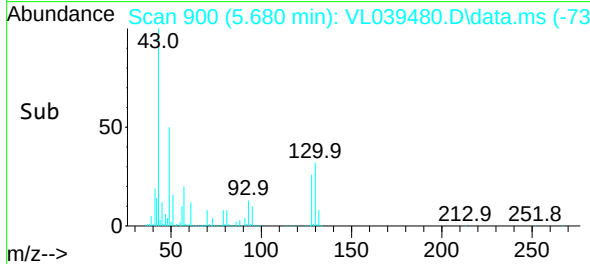
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



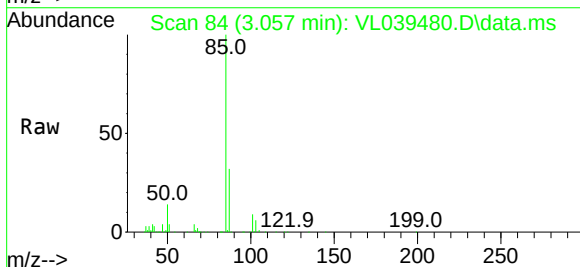
Tgt Ion: 49 Resp: 1213829
 Ion Ratio Lower Upper
 49 100
 128 53.5 26.7 80.0
 130 68.0 34.3 102.8

Manual Integrations
 APPROVED

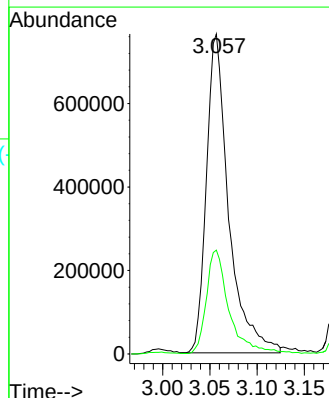
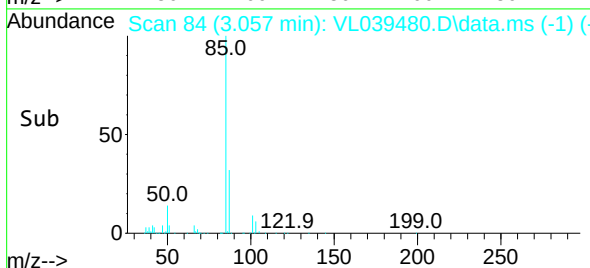
Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/21/2022

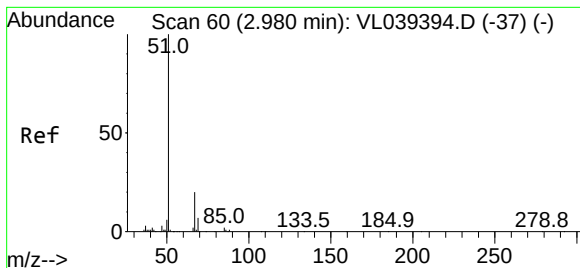


#2
 Dichlorodifluoromethane
 Concen: 7.154 ppbv
 RT: 3.057 min Scan# 84
 Delta R.T. 0.016 min
 Lab File: VL039480.D
 Acq: 19 Jul 2022 12:51



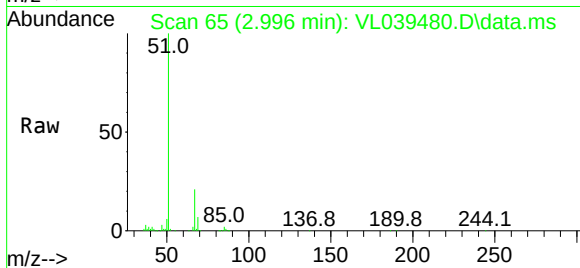
Tgt Ion: 85 Resp: 1252537
 Ion Ratio Lower Upper
 85 100
 87 32.4 26.7 40.1





#3
Chlorodifluoromethane
Concen: 9.340 ppbv
RT: 2.996 min Scan# 60
Delta R.T. 0.016 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

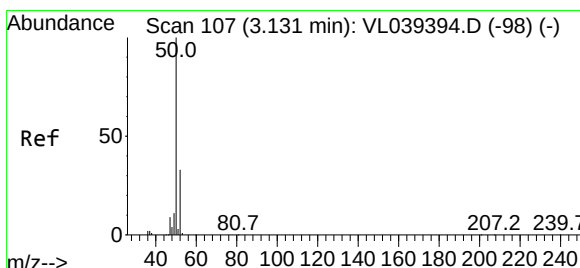
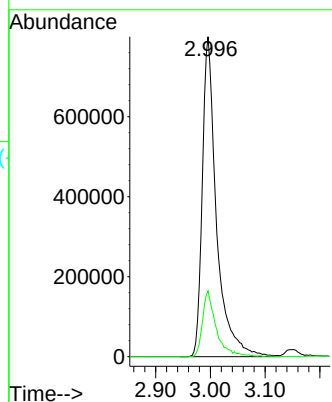
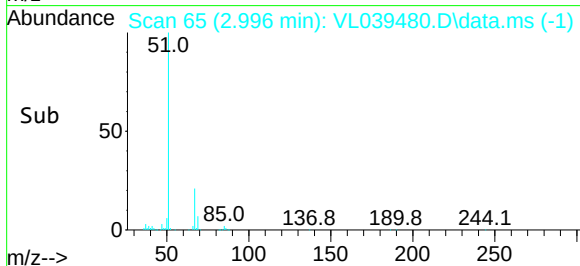
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 1438350
Ion Ratio Lower Upper
51 100
67 20.1 15.7 23.5

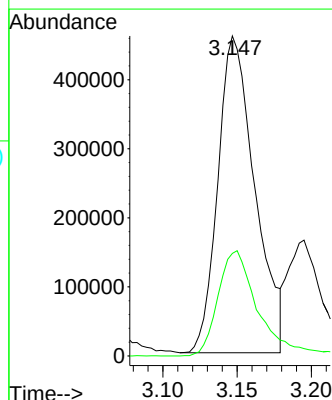
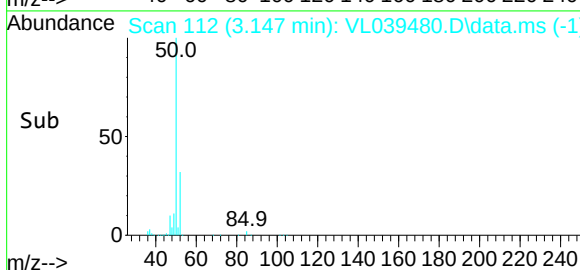
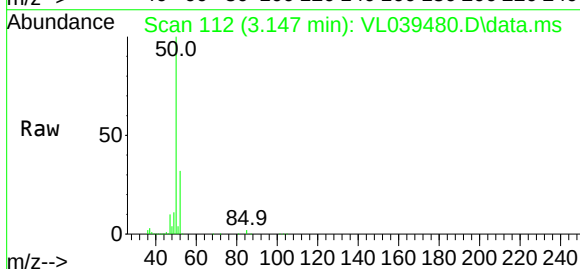
Manual Integrations
APPROVED

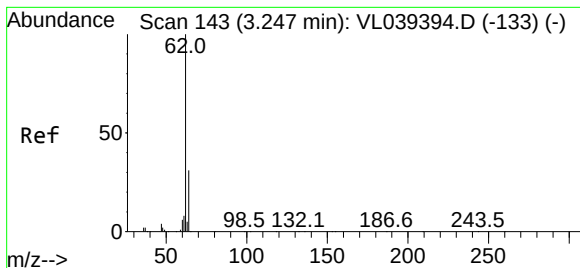
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#4
Chloromethane
Concen: 9.473 ppbv
RT: 3.147 min Scan# 112
Delta R.T. 0.016 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

Tgt Ion: 50 Resp: 797865
Ion Ratio Lower Upper
50 100
52 32.4 26.5 39.7





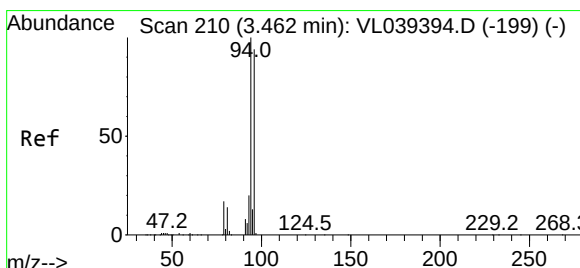
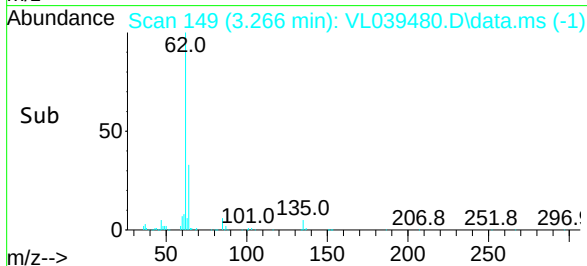
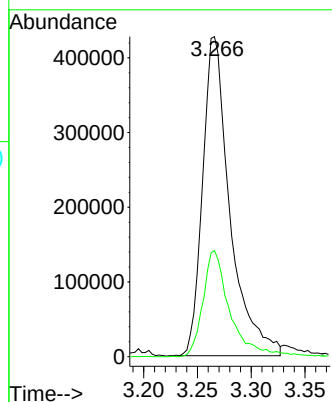
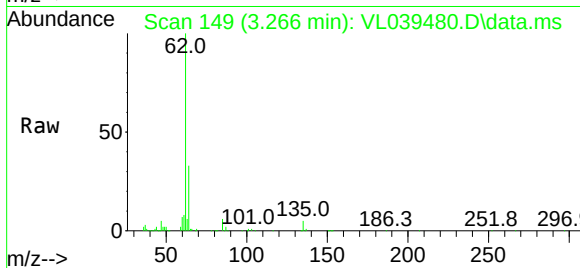
#5
 Vinyl Chloride
 Concen: 9.091 ppbv
 RT: 3.266 min Scan# 143
 Delta R.T. 0.019 min
 Lab File: VL039480.D
 Acq: 19 Jul 2022 12:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 75500
 Ion Ratio Lower Upper
 62 100
 64 33.2 24.6 36.8

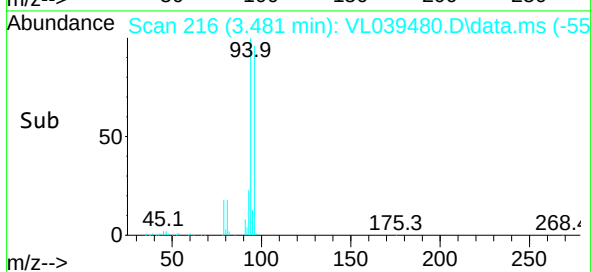
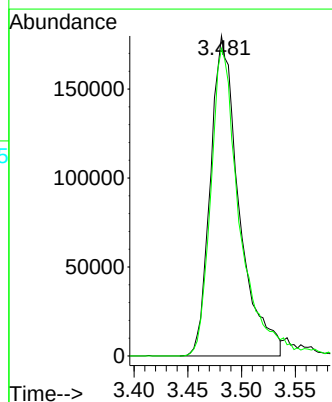
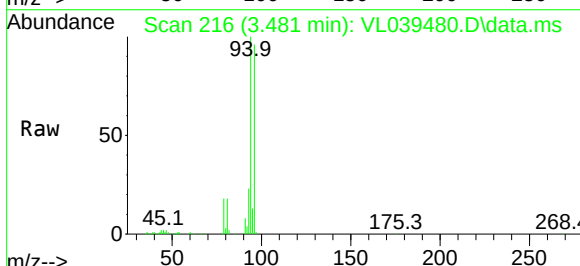
Manual Integrations
 APPROVED

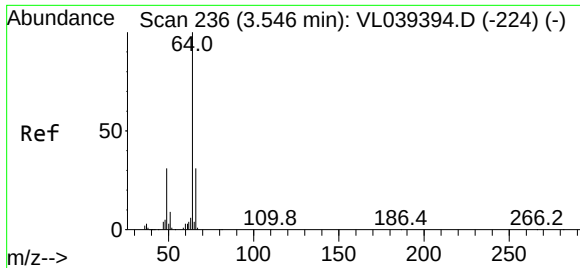
Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/21/2022



#6
 Bromomethane
 Concen: 9.562 ppbv
 RT: 3.481 min Scan# 216
 Delta R.T. 0.019 min
 Lab File: VL039480.D
 Acq: 19 Jul 2022 12:51

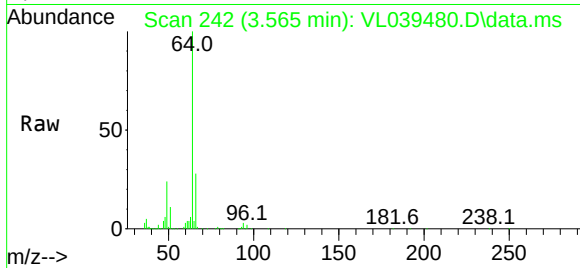
Tgt Ion: 94 Resp: 334236
 Ion Ratio Lower Upper
 94 100
 96 96.1 75.6 113.4





#7
Chloroethane
Concen: 9.689 ppbv
RT: 3.565 min Scan# 242
Delta R.T. 0.019 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

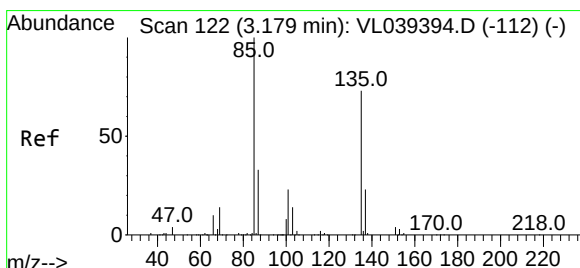
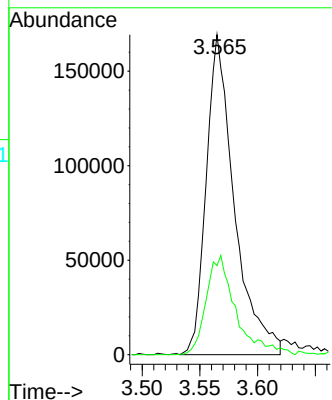
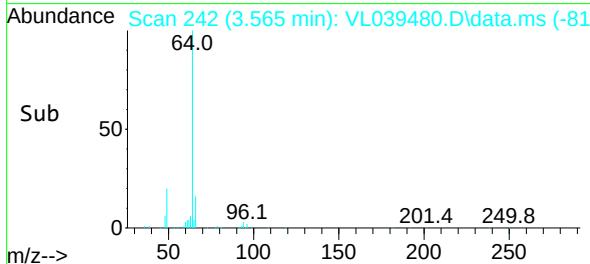
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



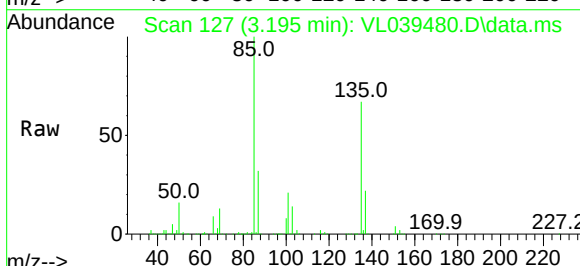
Tgt Ion: 64 Resp: 286218
Ion Ratio Lower Upper
64 100
66 27.9 24.7 37.1

Manual Integrations
APPROVED

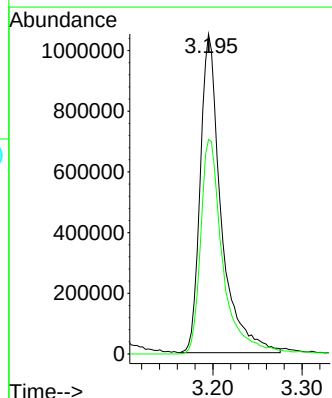
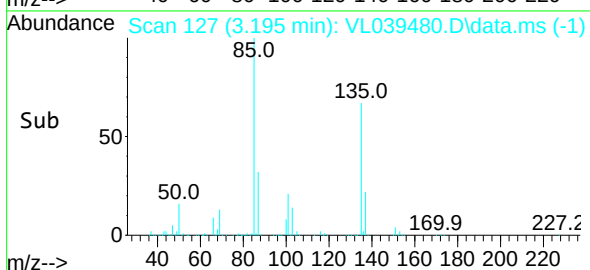
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

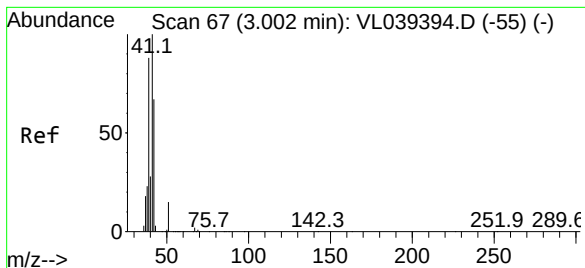


#8
Dichlorotetrafluoroethane
Concen: 8.948 ppbv
RT: 3.195 min Scan# 127
Delta R.T. 0.016 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51



Tgt Ion: 85 Resp: 1711283
Ion Ratio Lower Upper
85 100
135 72.4 59.0 88.4





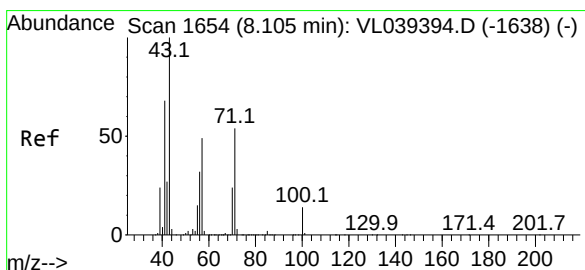
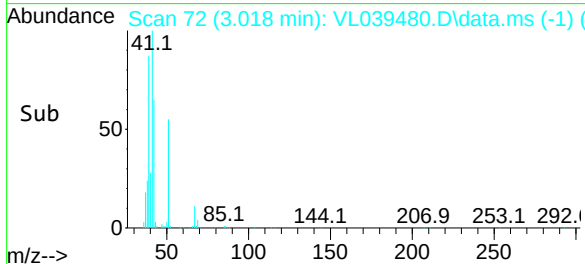
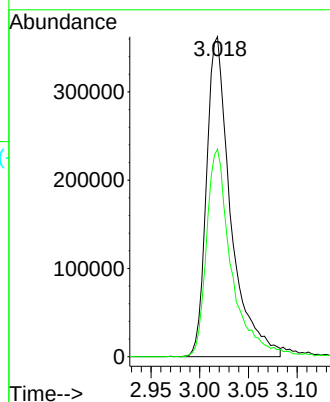
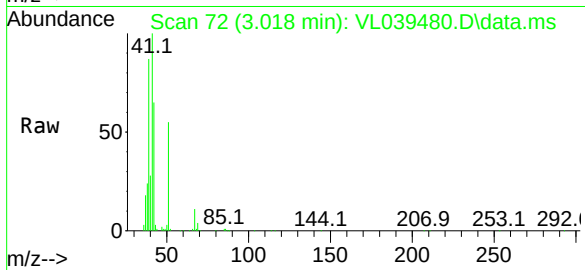
#9
 Propene
 Concen: 9.015 ppbv
 RT: 3.018 min Scan# 71
 Delta R.T. 0.016 min
 Lab File: VL039480.D
 Acq: 19 Jul 2022 12:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 626959
 Ion Ratio Lower Upper
 41 100
 42 67.2 55.2 82.8

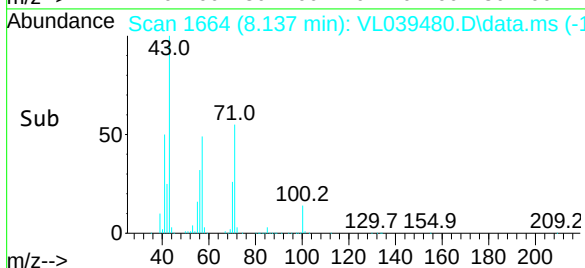
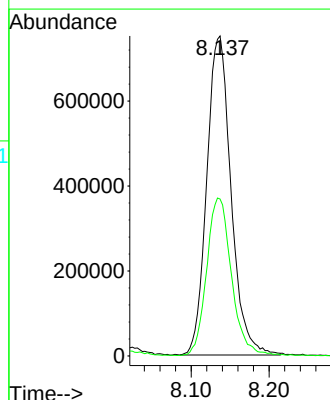
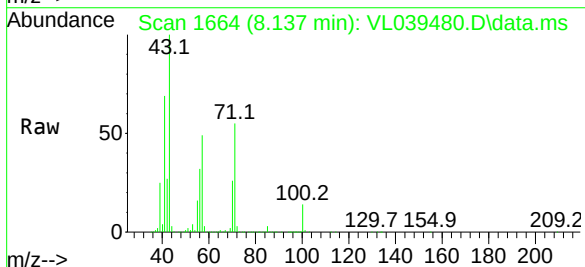
Manual Integrations
 APPROVED

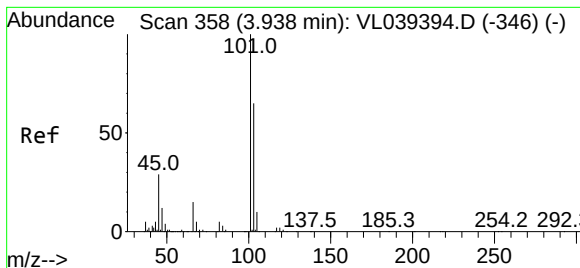
Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/21/2022



#10
 Heptane
 Concen: 9.990 ppbv
 RT: 8.137 min Scan# 1664
 Delta R.T. 0.032 min
 Lab File: VL039480.D
 Acq: 19 Jul 2022 12:51

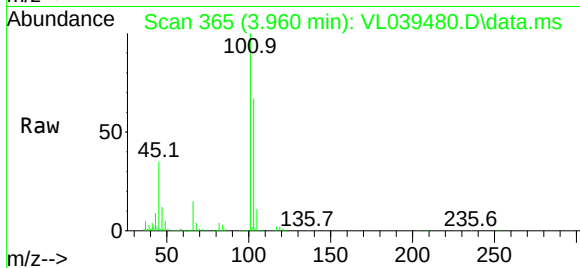
Tgt Ion: 43 Resp: 1627242
 Ion Ratio Lower Upper
 43 100
 57 51.1 40.5 60.7





#11
Trichlorofluoromethane
Concen: 9.523 ppbv
RT: 3.960 min Scan# 30
Delta R.T. 0.022 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

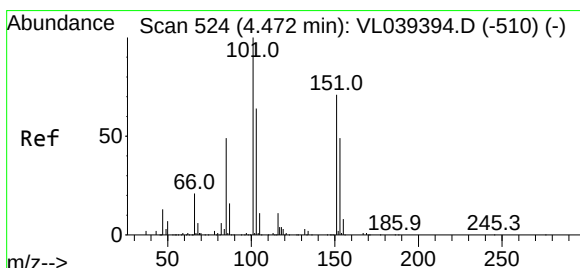
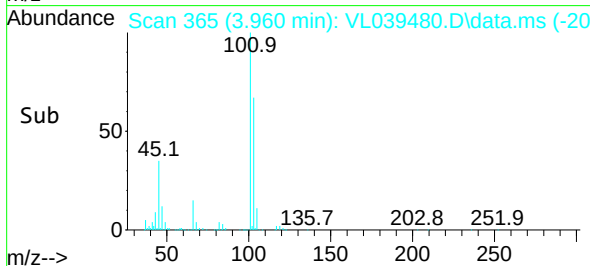
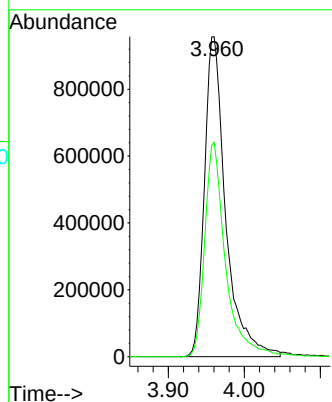
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:101 Resp: 1857952
Ion Ratio Lower Upper
101 100
103 66.9 51.8 77.8

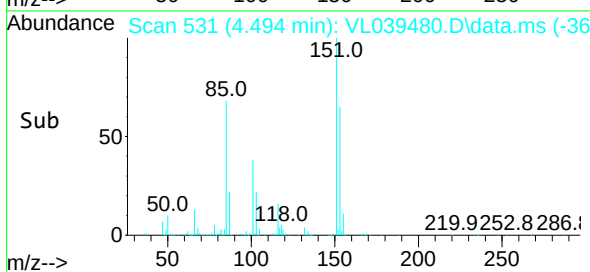
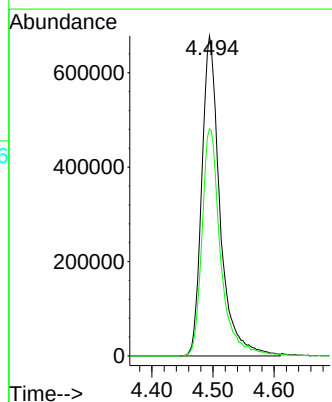
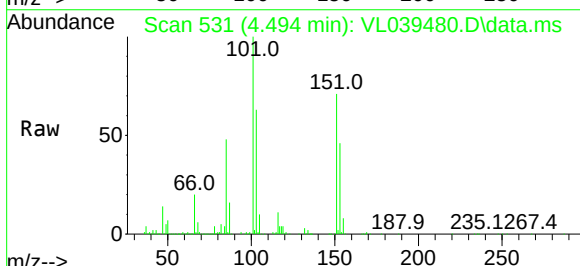
Manual Integrations
APPROVED

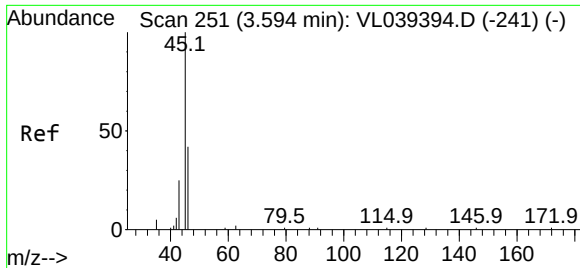
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.621 ppbv
RT: 4.494 min Scan# 531
Delta R.T. 0.022 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

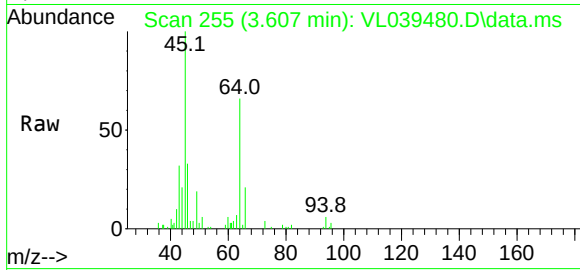
Tgt Ion:101 Resp: 1399326
Ion Ratio Lower Upper
101 100
151 72.9 58.9 88.3





#13
Ethanol
Concen: 11.401 ppbv
RT: 3.607 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

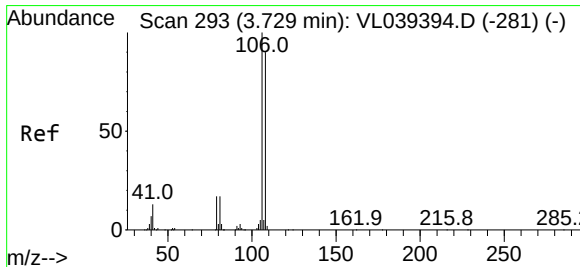
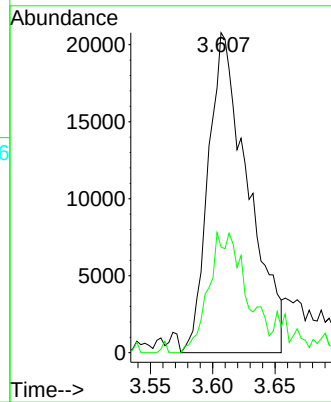
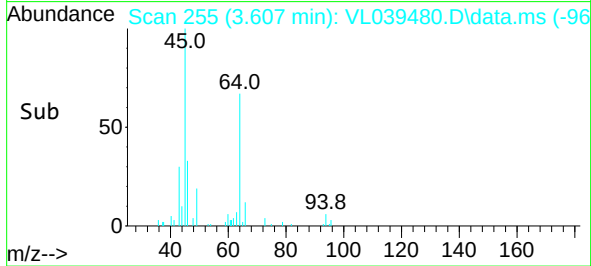
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



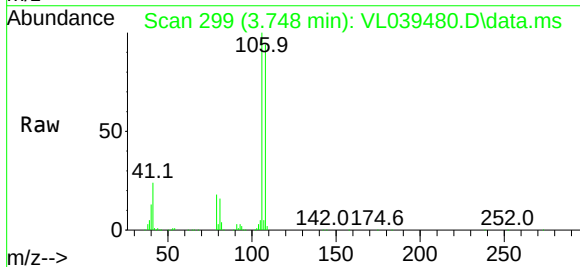
Tgt Ion: 45 Resp: 4600
Ion Ratio Lower Upper
45 100
46 43.5 22.8 91.2

Manual Integrations
APPROVED

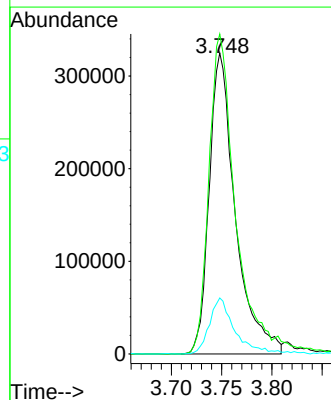
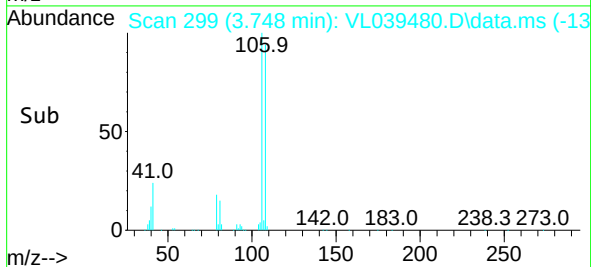
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

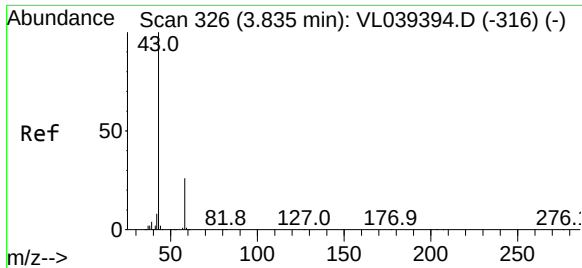


#14
Bromoethene
Concen: 9.605 ppbv
RT: 3.748 min Scan# 299
Delta R.T. 0.019 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51



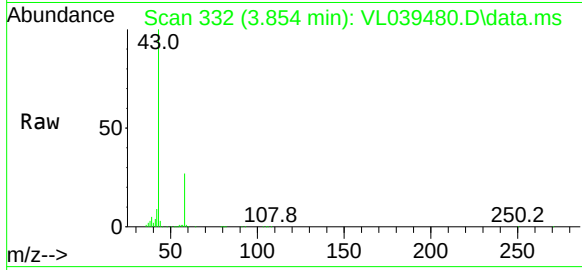
Tgt Ion:108 Resp: 587312
Ion Ratio Lower Upper
108 100
106 111.1 87.1 130.7
79 18.4 14.6 22.0





#15
Acetone
Concen: 9.663 ppbv
RT: 3.854 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

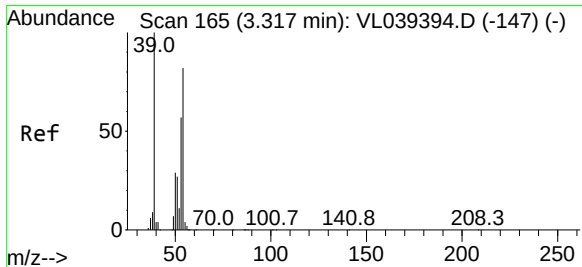
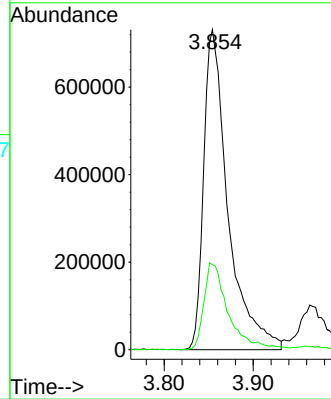
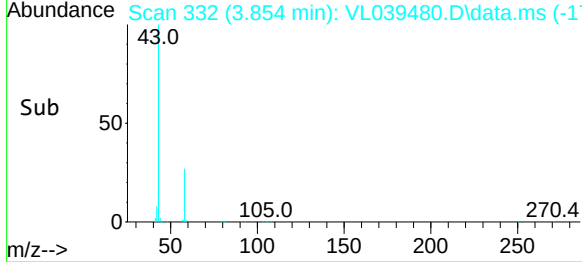
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 138761
Ion Ratio Lower Upper
43 100
58 27.1 21.0 31.6

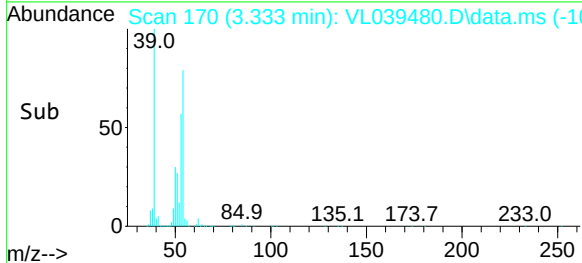
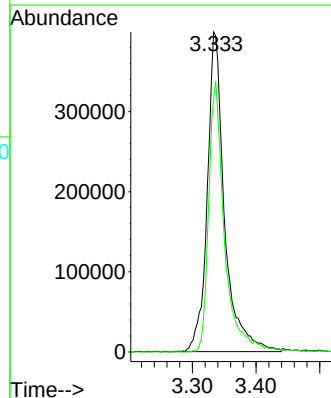
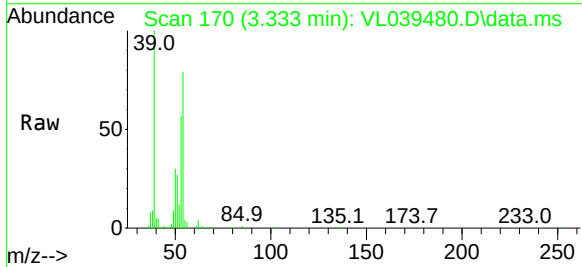
Manual Integrations
APPROVED

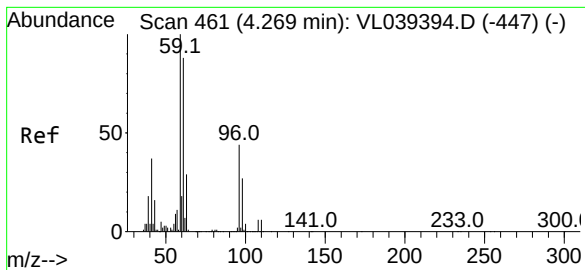
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#16
1,3-Butadiene
Concen: 10.112 ppbv
RT: 3.333 min Scan# 170
Delta R.T. 0.016 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

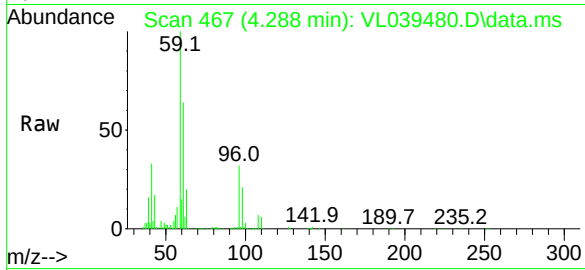
Tgt Ion: 39 Resp: 753440
Ion Ratio Lower Upper
39 100
54 77.5 63.7 95.5





#17
tert-Butyl alcohol
Concen: 11.268 ppbv
RT: 4.288 min Scan# 40
Delta R.T. 0.019 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

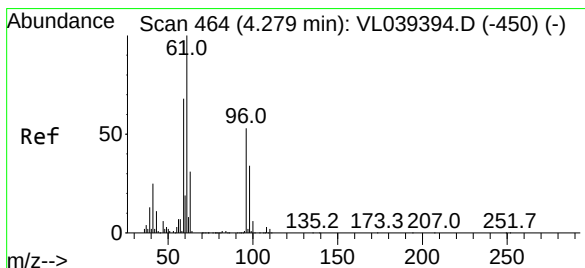
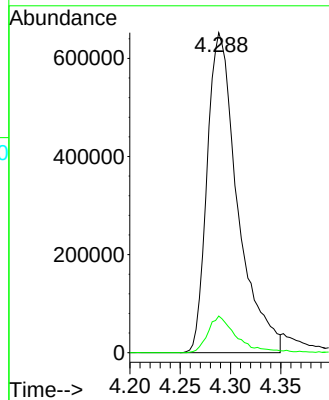
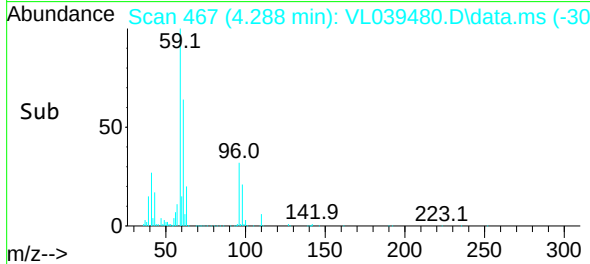
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



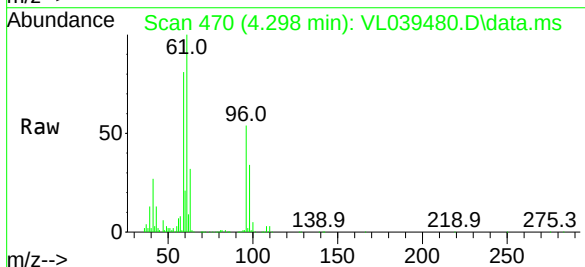
Tgt Ion: 59 Resp: 1373420
Ion Ratio Lower Upper
59 100
57 11.3 8.7 13.1

Manual Integrations
APPROVED

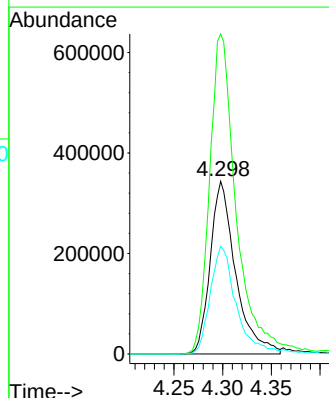
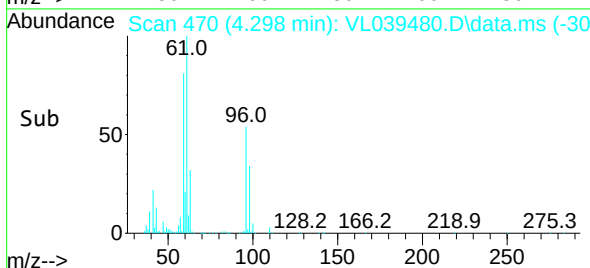
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

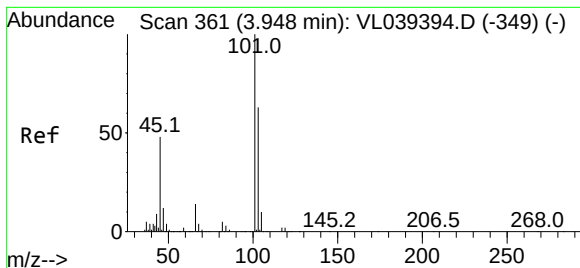


#18
1,1-Dichloroethene
Concen: 9.436 ppbv
RT: 4.298 min Scan# 470
Delta R.T. 0.019 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51



Tgt Ion: 96 Resp: 621767
Ion Ratio Lower Upper
96 100
61 185.4 152.2 228.4
98 62.5 51.8 77.6





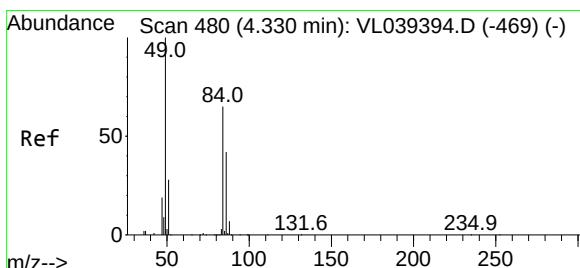
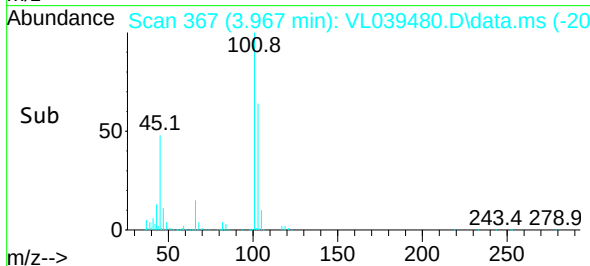
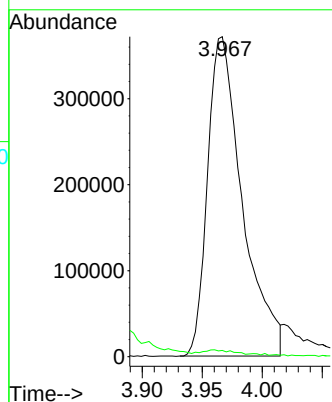
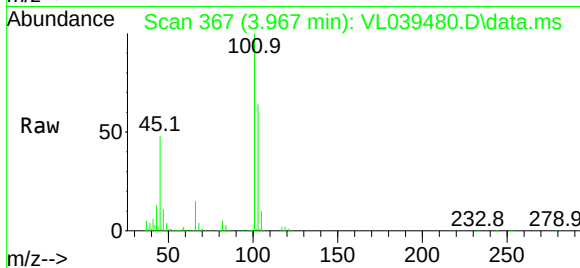
#19
Isopropyl Alcohol
Concen: 9.771 ppbv
RT: 3.967 min Scan# 30
Delta R.T. 0.019 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 74844
Ion Ratio Lower Upper
45 100
58 2.7 3.2 4.8

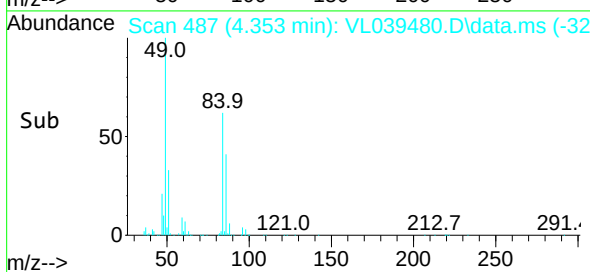
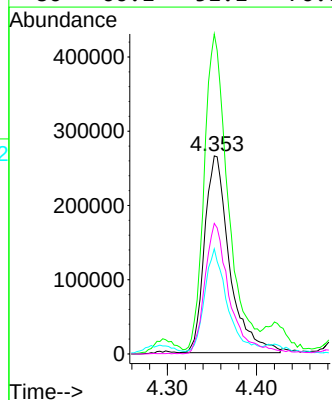
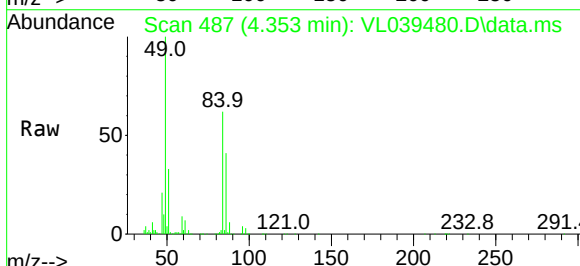
Manual Integrations
APPROVED

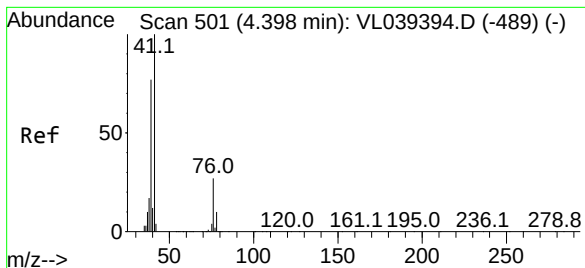
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#20
Methylene Chloride
Concen: 9.018 ppbv
RT: 4.353 min Scan# 487
Delta R.T. 0.022 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

Tgt Ion: 84 Resp: 516199
Ion Ratio Lower Upper
84 100
49 159.1 123.1 184.7
51 51.8 34.4 51.6#
86 66.1 51.1 76.7





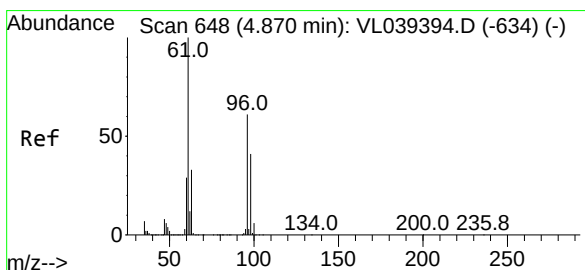
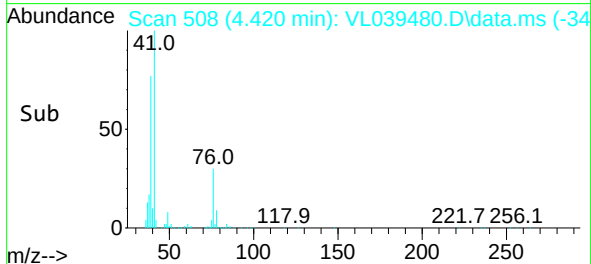
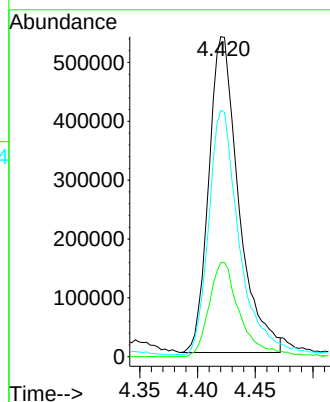
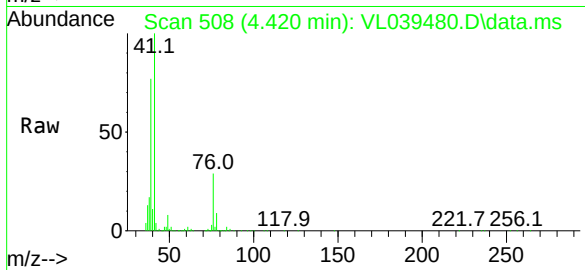
#21
 Allyl Chloride
 Concen: 9.741 ppbv
 RT: 4.420 min Scan# 501
 Delta R.T. 0.022 min
 Lab File: VL039480.D
 Acq: 19 Jul 2022 12:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 968818
 Ion Ratio Lower Upper
 41 100
 76 31.1 24.4 36.6
 39 80.6 63.5 95.3

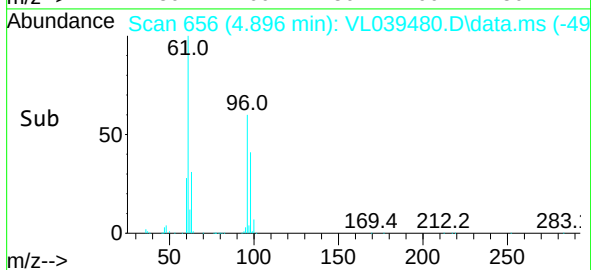
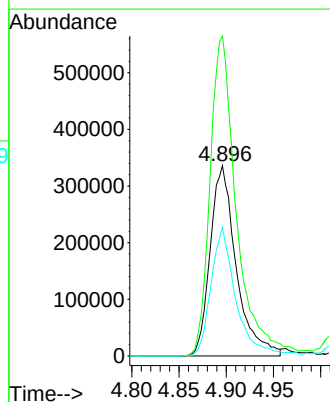
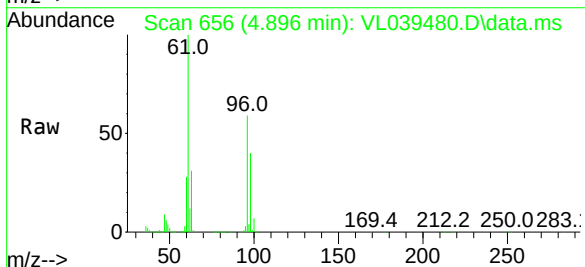
Manual Integrations
 APPROVED

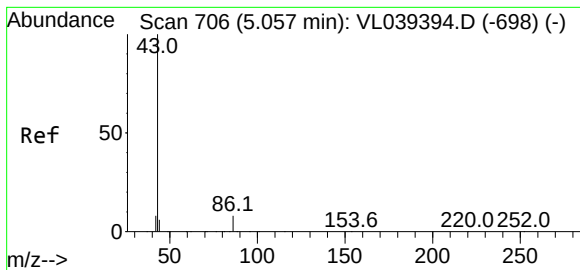
Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/21/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.093 ppbv
 RT: 4.896 min Scan# 656
 Delta R.T. 0.026 min
 Lab File: VL039480.D
 Acq: 19 Jul 2022 12:51

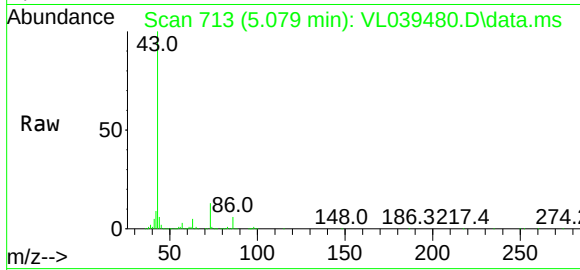
Tgt Ion: 96 Resp: 643745
 Ion Ratio Lower Upper
 96 100
 61 168.1 130.6 195.8
 98 67.6 53.4 80.0





#23
 Vinyl Acetate
 Concen: 11.450 ppbv
 RT: 5.079 min Scan# 713
 Delta R.T. 0.022 min
 Lab File: VL039480.D
 Acq: 19 Jul 2022 12:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

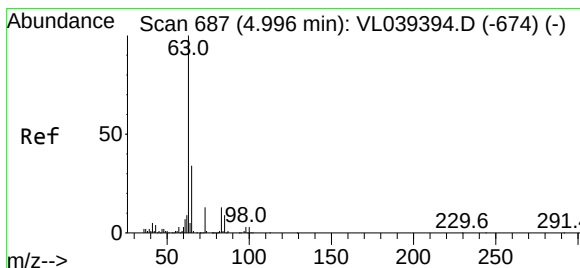
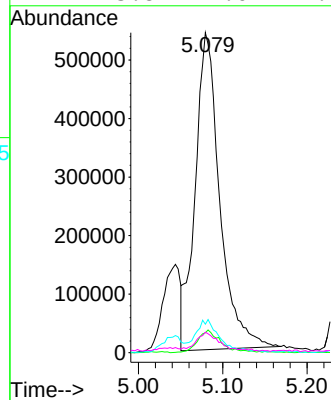
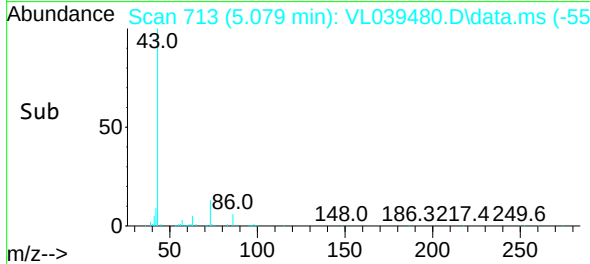


Tgt Ion: 43 Resp: 109885

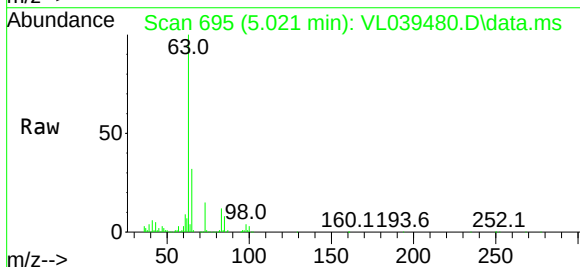
Ion	Ratio	Lower	Upper
43	100		
86	6.1	5.0	7.6
42	8.6	7.7	11.5
44	5.8	4.6	7.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/21/2022

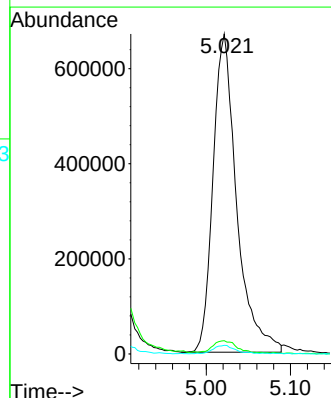
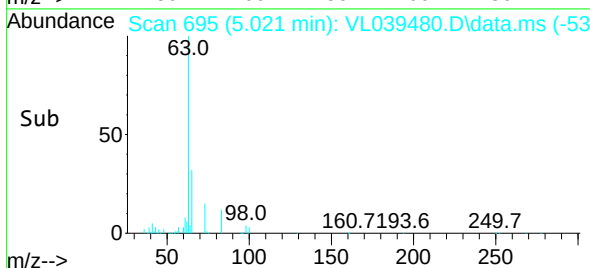


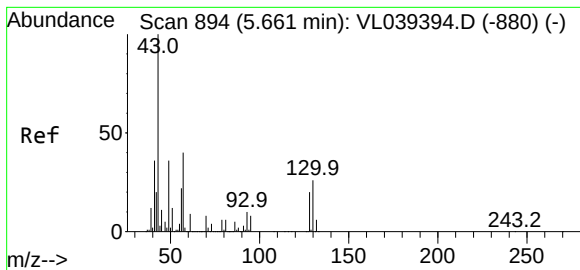
#24
 1,1-Dichloroethane
 Concen: 9.640 ppbv
 RT: 5.021 min Scan# 695
 Delta R.T. 0.026 min
 Lab File: VL039480.D
 Acq: 19 Jul 2022 12:51



Tgt Ion: 63 Resp: 1306564

Ion	Ratio	Lower	Upper
63	100		
98	3.9	1.8	5.3
100	2.5	1.5	4.4





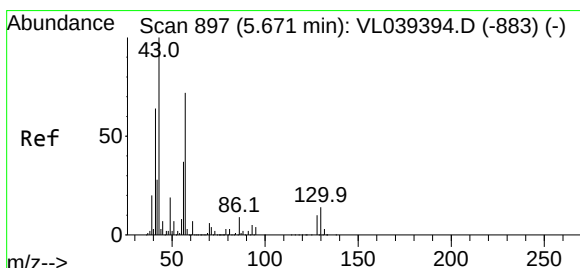
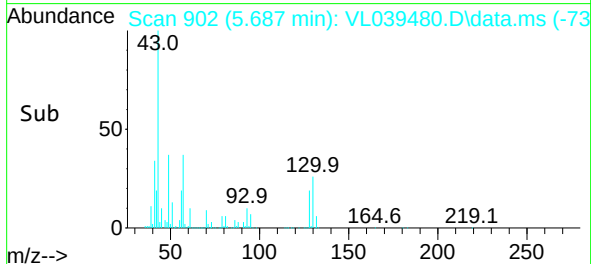
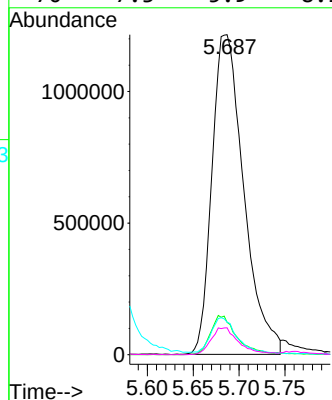
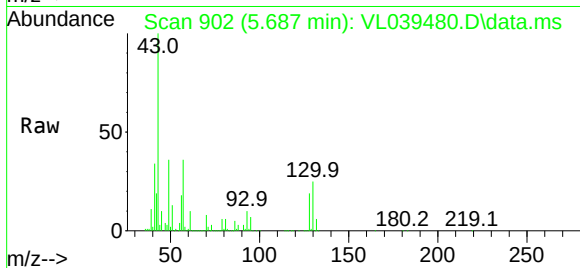
#25
Ethyl Acetate
Concen: 9.944 ppbv
RT: 5.687 min Scan# 901
Delta R.T. 0.026 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 2928000
Ion Ratio Lower Upper
43 100
45 10.5 8.2 12.4
61 10.3 8.3 12.5
70 7.3 5.9 8.9

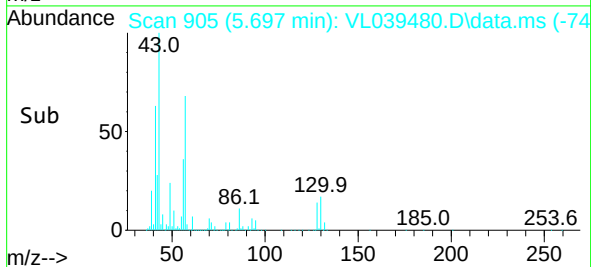
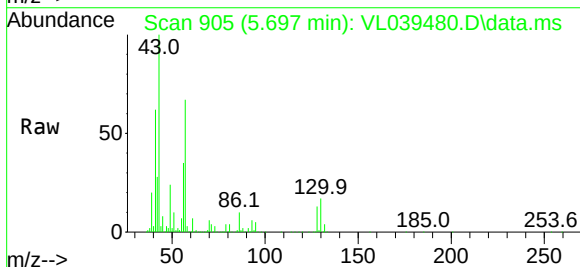
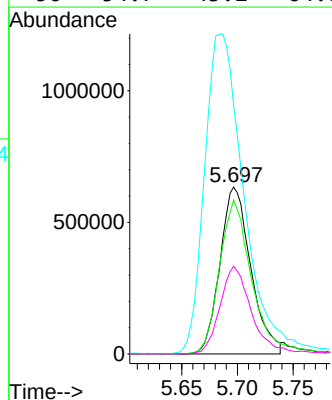
Manual Integrations
APPROVED

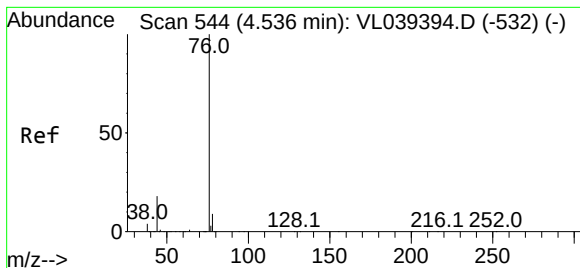
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#26
Hexane
Concen: 10.303 ppbv
RT: 5.697 min Scan# 905
Delta R.T. 0.026 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

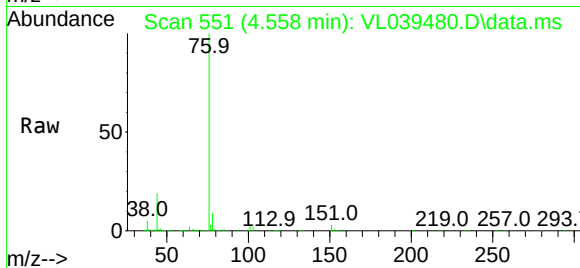
Tgt Ion: 57 Resp: 1222906
Ion Ratio Lower Upper
57 100
41 98.4 76.9 115.3
43 247.1 191.0 286.6
56 54.7 43.2 64.8





#27
Carbon Disulfide
Concen: 10.833 ppbv
RT: 4.558 min Scan# 51
Delta R.T. 0.022 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

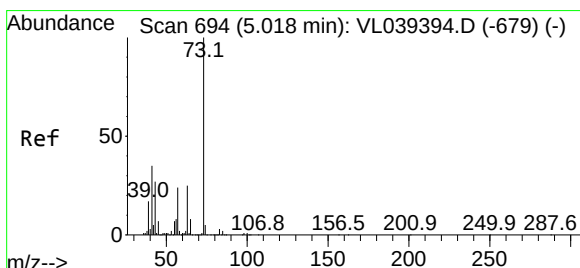
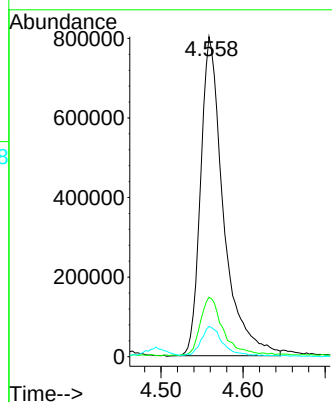
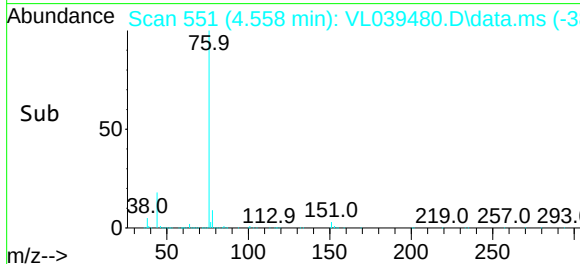
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 1551954
Ion Ratio Lower Upper
76 100
44 19.2 14.6 21.8
78 9.9 7.8 11.6

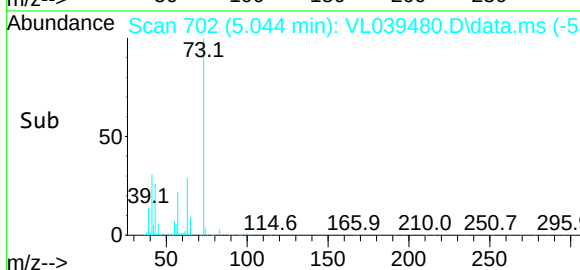
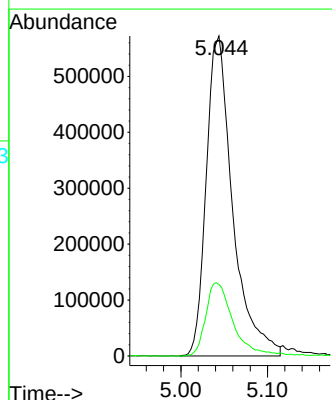
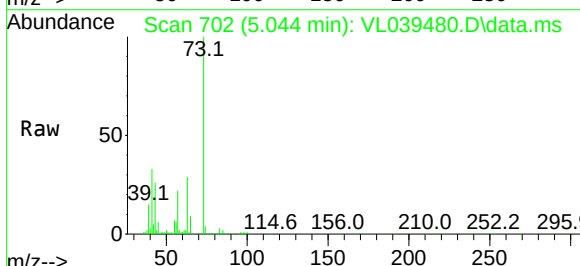
Manual Integrations
APPROVED

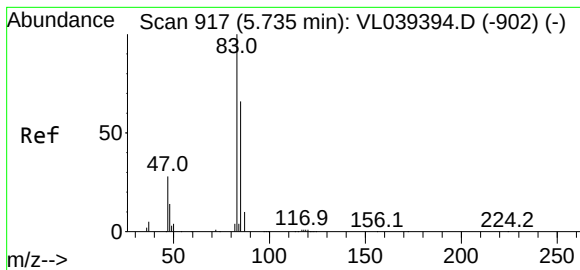
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#28
Methyl tert-Butyl Ether
Concen: 9.569 ppbv
RT: 5.044 min Scan# 702
Delta R.T. 0.026 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

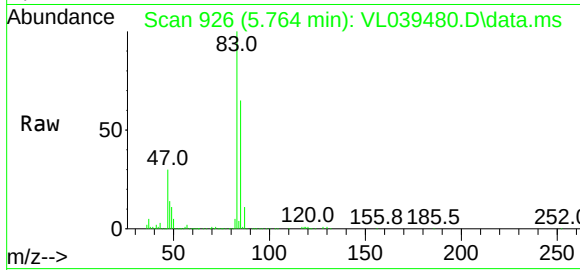
Tgt Ion: 73 Resp: 1214362
Ion Ratio Lower Upper
73 100
57 24.0 19.8 29.8





#29
Chloroform
Concen: 9.602 ppbv
RT: 5.764 min Scan# 917
Delta R.T. 0.029 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

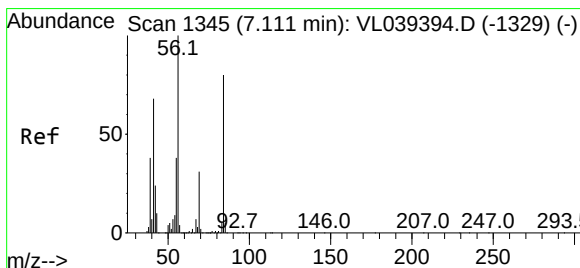
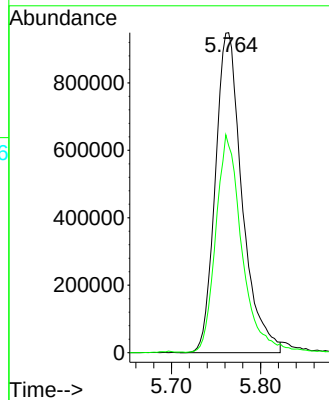
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



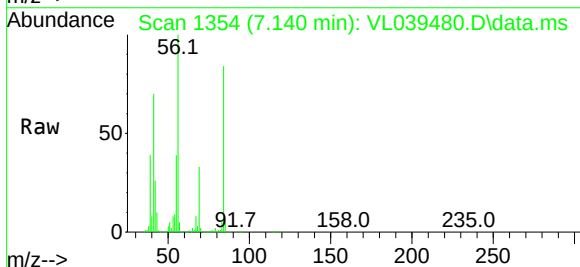
Tgt Ion: 83 Resp: 198175
Ion Ratio Lower Upper
83 100
85 64.5 52.8 79.2

Manual Integrations
APPROVED

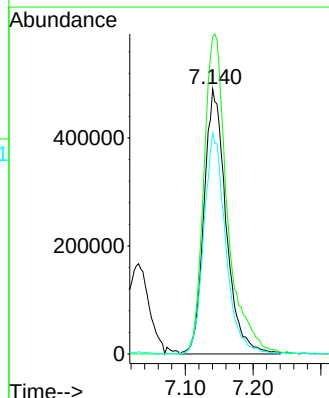
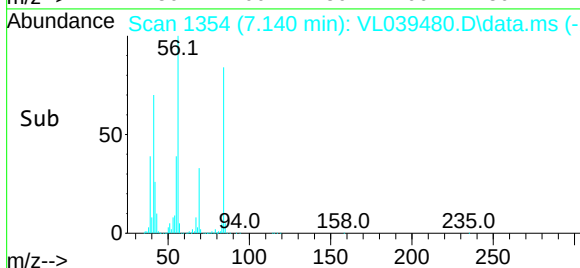
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

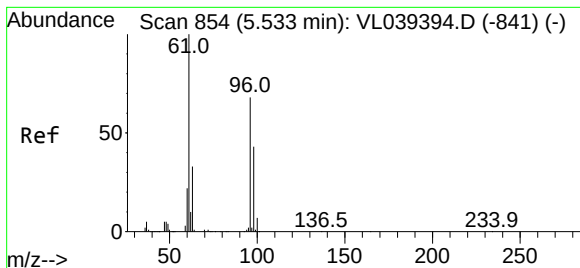


#30
Cyclohexane
Concen: 10.258 ppbv
RT: 7.140 min Scan# 1354
Delta R.T. 0.029 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51



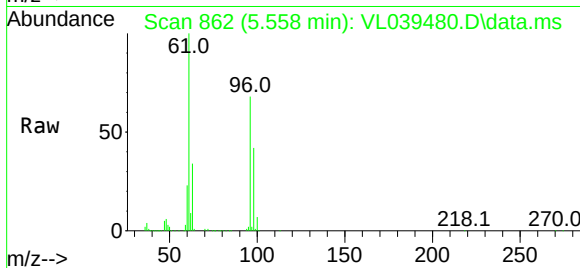
Tgt Ion: 84 Resp: 1108467
Ion Ratio Lower Upper
84 100
56 129.3 107.7 161.5
41 82.8 67.7 101.5





#31
cis-1,2-Dichloroethene
Concen: 10.012 ppbv
RT: 5.558 min Scan# 80
Delta R.T. 0.026 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

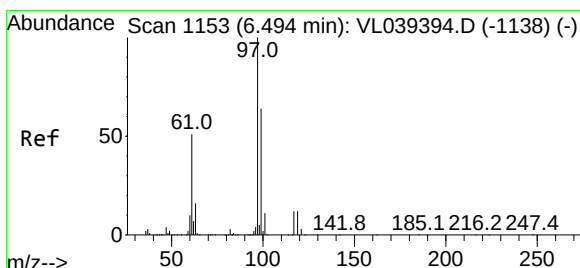
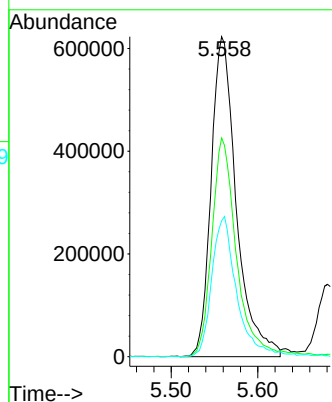
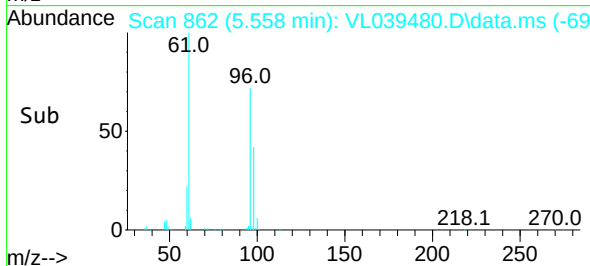
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



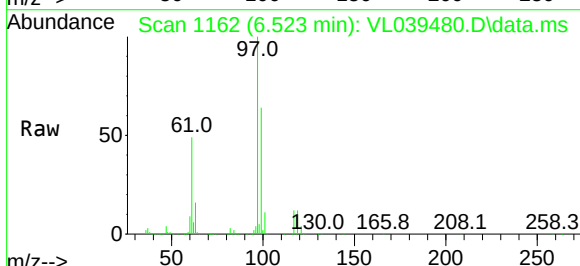
Tgt Ion: 61 Resp: 126088
Ion Ratio Lower Upper
61 100
96 68.3 54.1 81.1
98 42.5 34.6 52.0

Manual Integrations
APPROVED

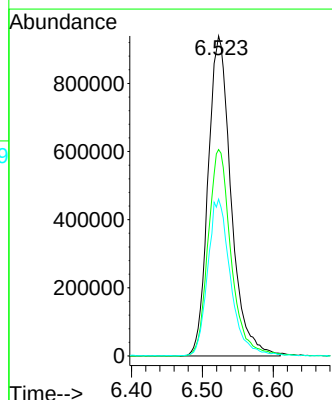
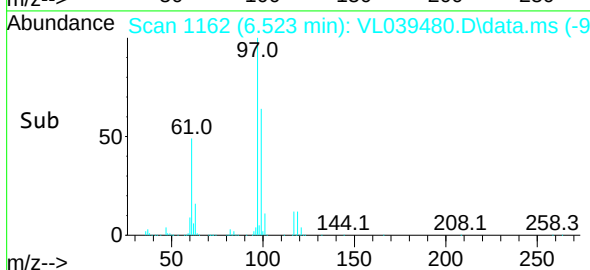
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

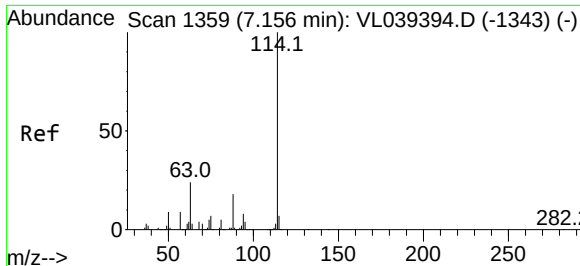


#32
1,1,1-Trichloroethane
Concen: 10.370 ppbv
RT: 6.523 min Scan# 1162
Delta R.T. 0.029 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51



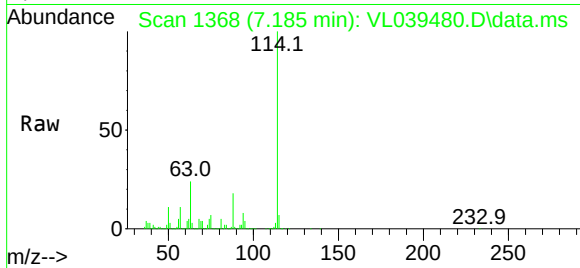
Tgt Ion: 97 Resp: 2112510
Ion Ratio Lower Upper
97 100
99 64.7 52.3 78.5
61 48.7 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.185 min Scan# 114
Delta R.T. 0.029 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

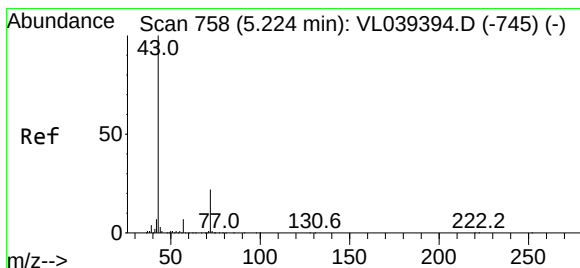
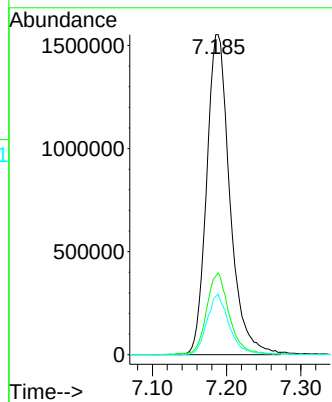
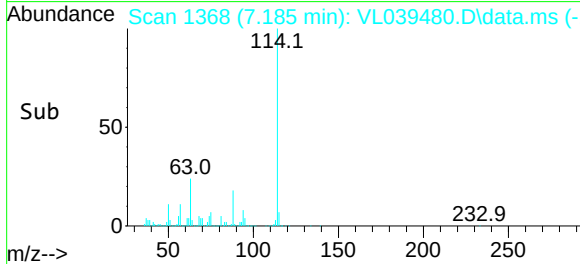
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:114 Resp: 3369384
Ion Ratio Lower Upper
114 100
63 25.3 20.2 30.4
88 18.1 14.5 21.7

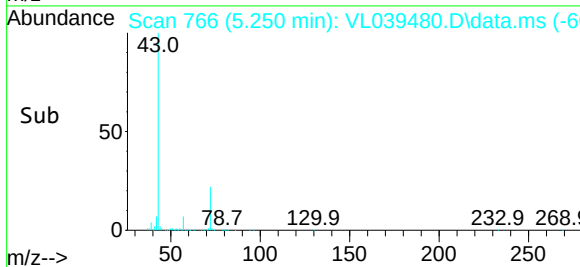
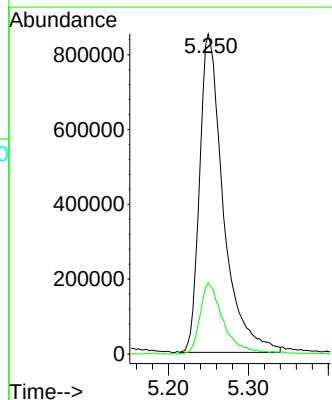
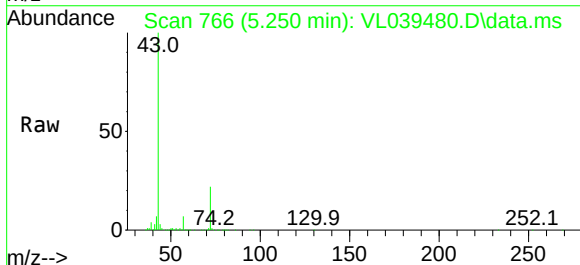
Manual Integrations
APPROVED

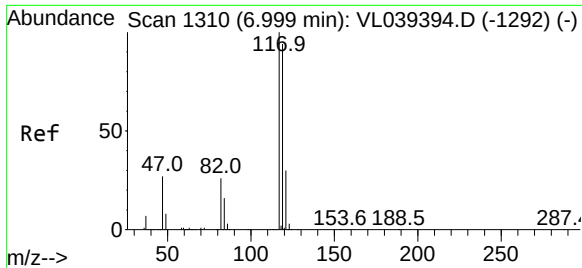
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#34
2-Butanone
Concen: 10.367 ppbv
RT: 5.250 min Scan# 766
Delta R.T. 0.026 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

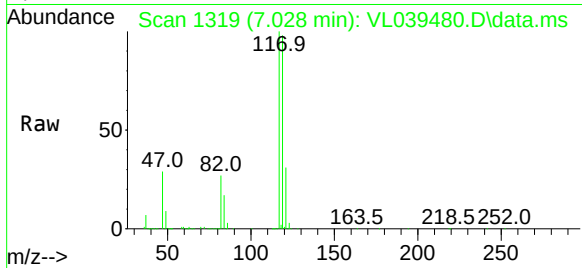
Tgt Ion: 43 Resp: 1758324
Ion Ratio Lower Upper
43 100
72 22.5 17.9 26.9





#35
Carbon Tetrachloride
Concen: 10.717 ppbv
RT: 7.028 min Scan# 117
Delta R.T. 0.029 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

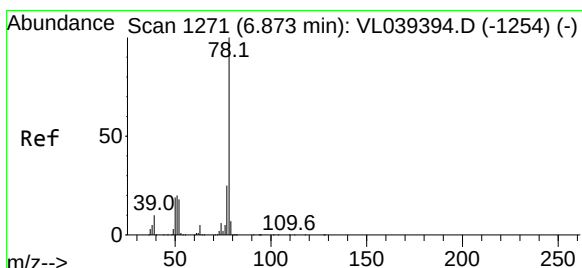
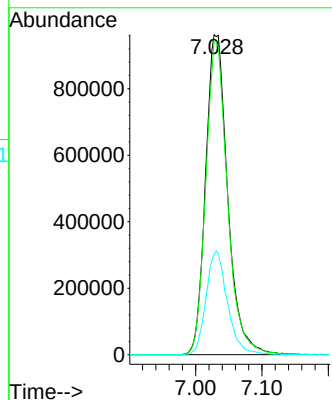
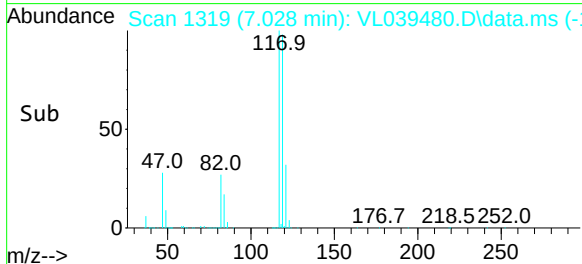
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 2231180
Ion Ratio Lower Upper
117 100
119 98.2 75.4 113.2
121 31.4 24.2 36.2

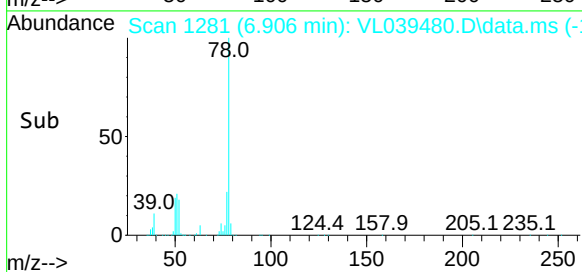
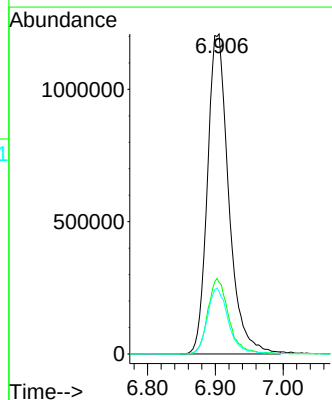
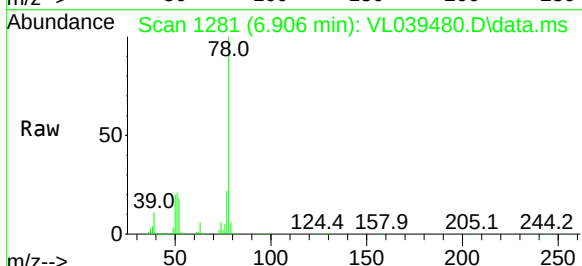
Manual Integrations
APPROVED

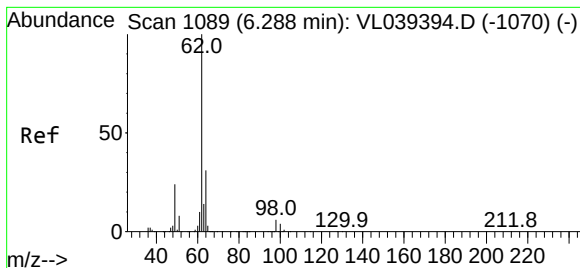
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#36
Benzene
Concen: 10.131 ppbv
RT: 6.906 min Scan# 1281
Delta R.T. 0.032 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

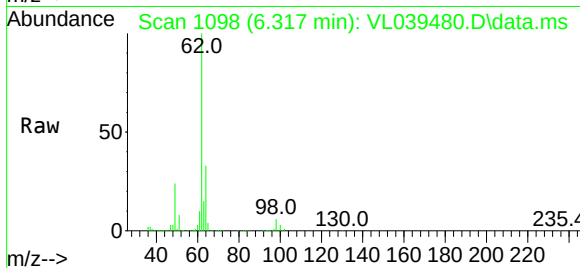
Tgt Ion: 78 Resp: 2642006
Ion Ratio Lower Upper
78 100
77 22.3 20.3 30.5
50 19.5 15.5 23.3





#37
1,2-Dichloroethane
Concen: 10.071 ppbv
RT: 6.317 min Scan# 1089
Delta R.T. 0.029 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

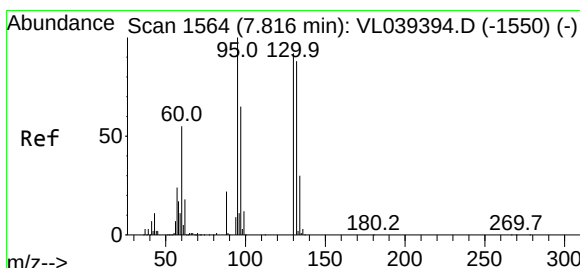
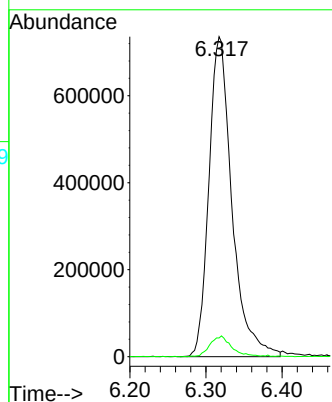
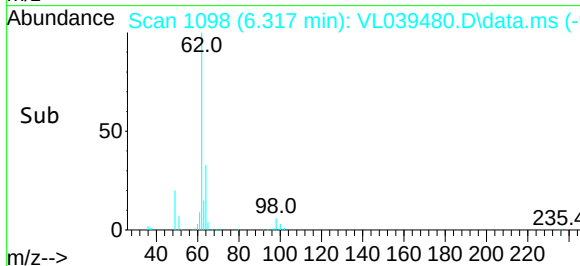
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



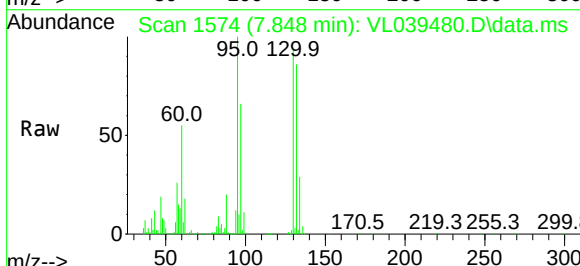
Tgt Ion: 62 Resp: 1550144
Ion Ratio Lower Upper
62 100
98 6.4 5.1 7.7

Manual Integrations
APPROVED

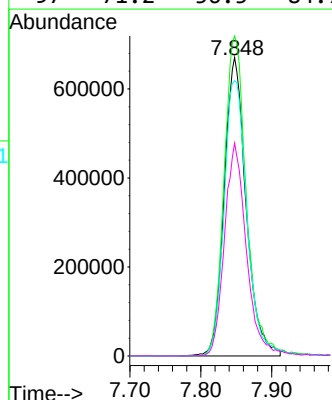
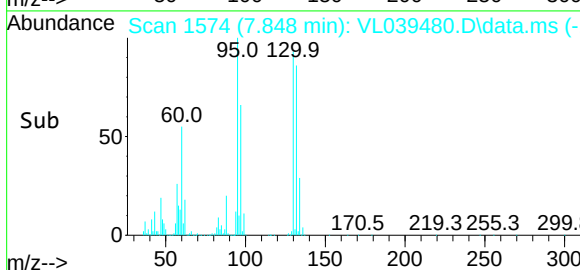
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

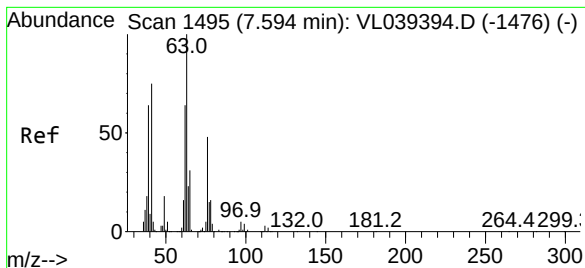


#38
Trichloroethene
Concen: 10.188 ppbv
RT: 7.848 min Scan# 1574
Delta R.T. 0.032 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51



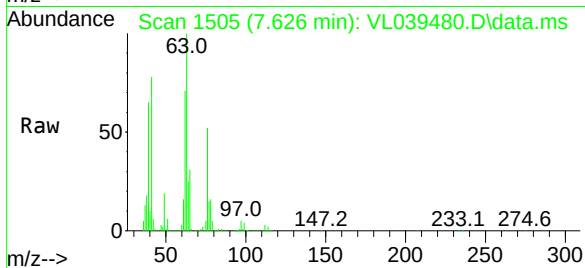
Tgt Ion:130 Resp: 1436933
Ion Ratio Lower Upper
130 100
95 107.2 87.3 130.9
132 92.2 76.7 115.1
97 71.2 56.5 84.7





#39
1,2-Dichloropropane
Concen: 9.965 ppbv
RT: 7.626 min Scan# 1505
Delta R.T. 0.032 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

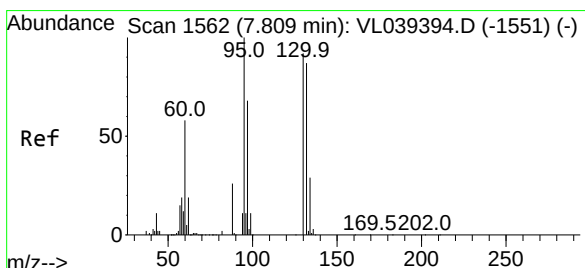
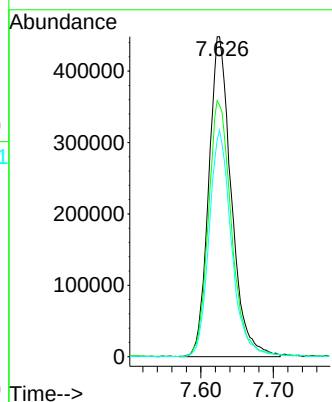
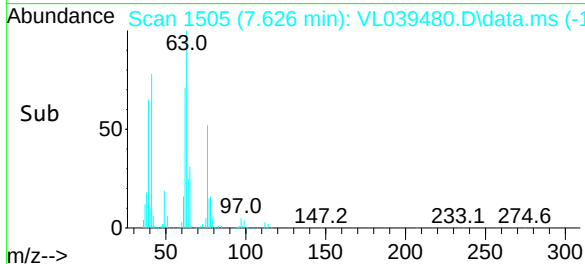
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 63 Resp: 97077
Ion Ratio Lower Upper
63 100
41 78.5 59.6 89.4
62 70.5 51.4 77.0

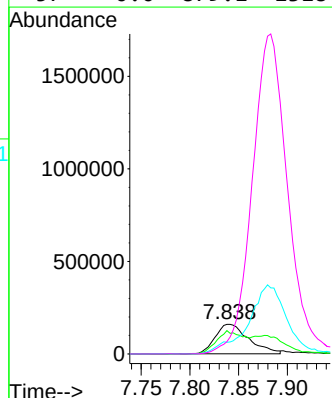
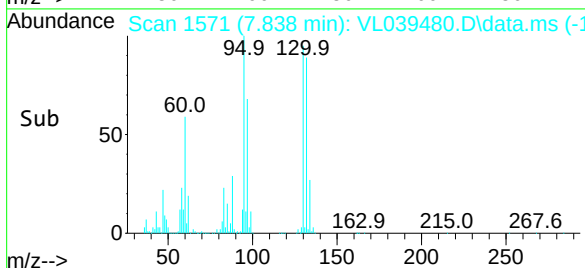
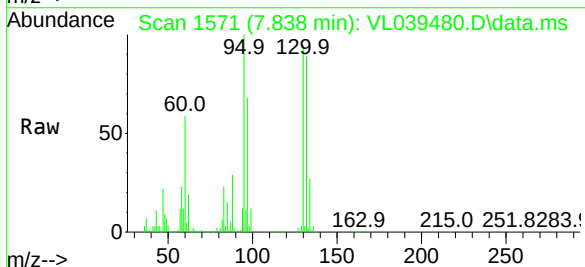
Manual Integrations
APPROVED

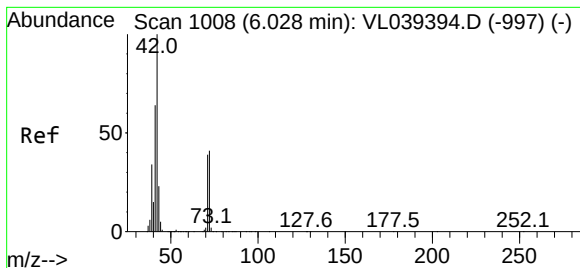
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#40
1,4-Dioxane
Concen: 9.897 ppbv
RT: 7.838 min Scan# 1571
Delta R.T. 0.029 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

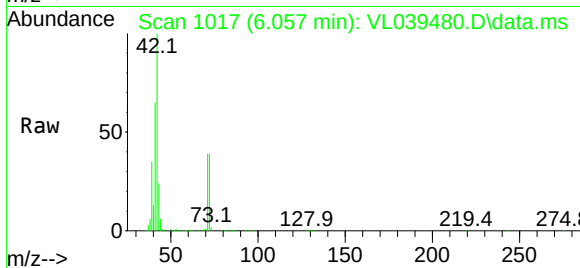
Tgt Ion: 88 Resp: 384222
Ion Ratio Lower Upper
88 100
58 63.6 100.2 150.4#
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#





#41
Tetrahydrofuran
Concen: 10.176 ppbv
RT: 6.057 min Scan# 100020
Delta R.T. 0.029 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

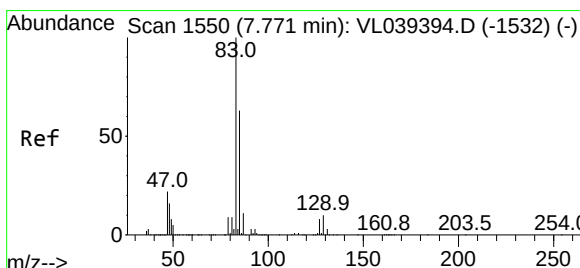
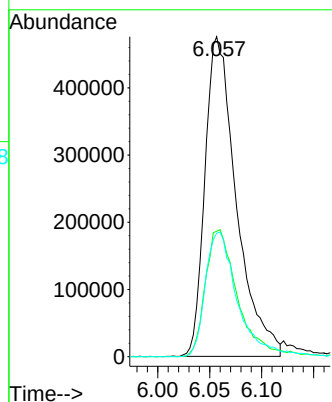
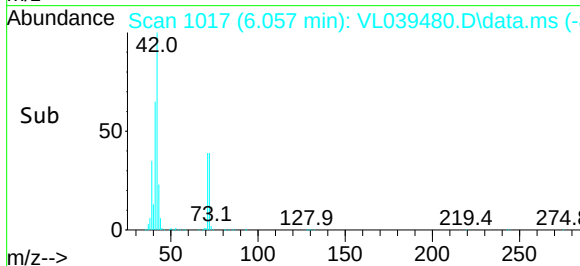
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



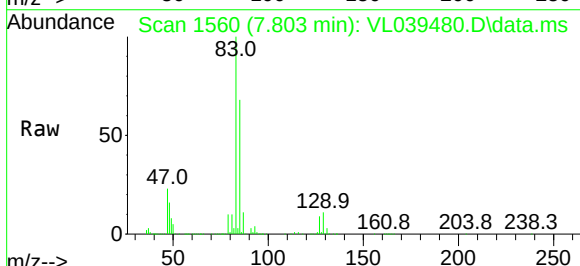
Tgt Ion: 42 Resp: 100020
Ion Ratio Lower Upper
42 100
72 41.5 31.8 47.8
71 40.5 31.8 47.8

Manual Integrations
APPROVED

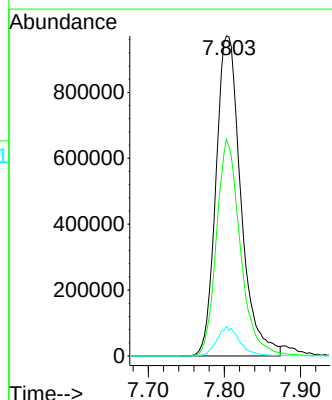
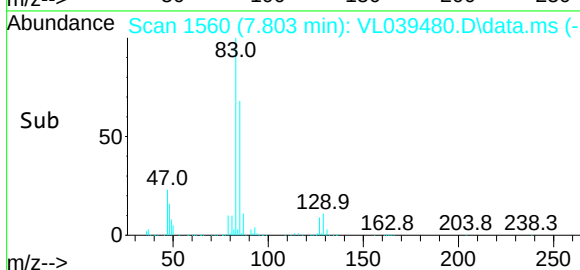
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

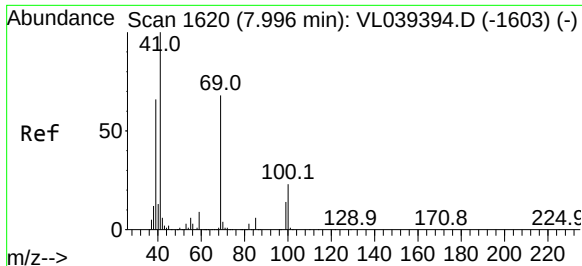


#42
Bromodichloromethane
Concen: 10.629 ppbv
RT: 7.803 min Scan# 1560
Delta R.T. 0.032 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51



Tgt Ion: 83 Resp: 2205979
Ion Ratio Lower Upper
83 100
85 67.7 50.7 76.1
127 9.2 6.6 9.8





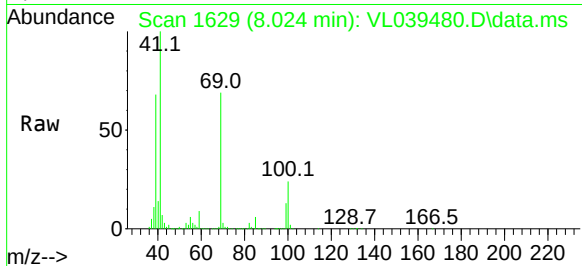
#43
Methyl Methacrylate
Concen: 10.887 ppbv
RT: 8.024 min Scan# 1
Delta R.T. 0.029 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

Instrument :

MSVOA_L

ClientSampleId :

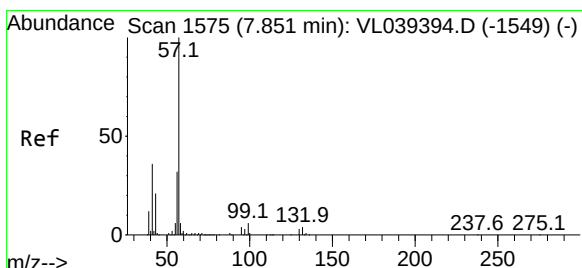
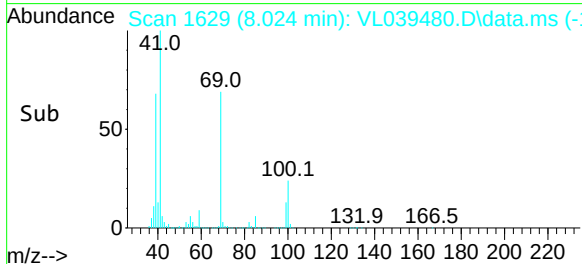
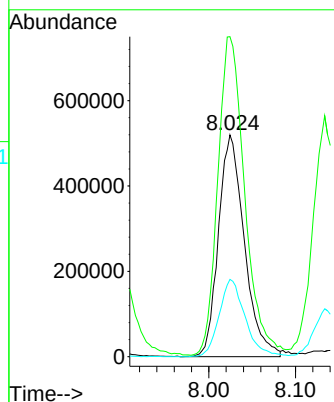
VSTDCCC010



Tgt Ion: 69 Resp: 107954
Ion Ratio Lower Upper
69 100
41 151.1 120.8 181.2
100 35.1 27.8 41.6

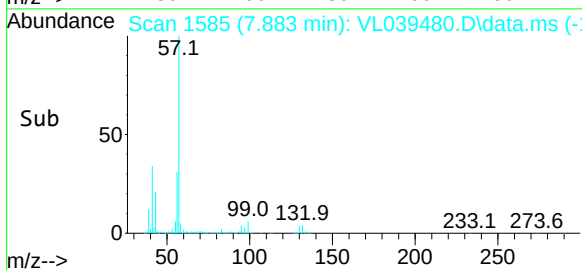
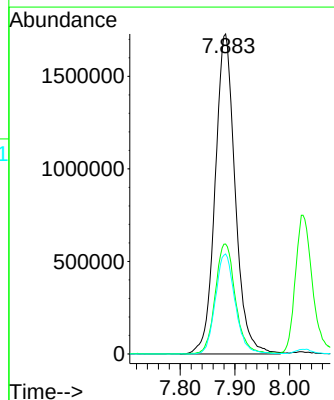
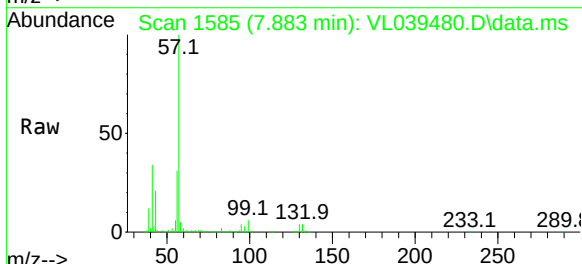
Manual Integrations
APPROVED

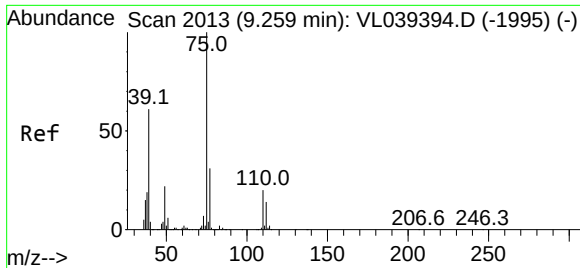
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#44
2,2,4-Trimethylpentane
Concen: 9.928 ppbv
RT: 7.883 min Scan# 1585
Delta R.T. 0.032 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

Tgt Ion: 57 Resp: 4387391
Ion Ratio Lower Upper
57 100
41 34.6 27.4 41.2
56 30.9 24.5 36.7





#45
t-1,3-Dichloropropene
Concen: 8.578 ppbv
RT: 9.288 min Scan# 2013
Delta R.T. 0.029 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

Instrument :

MSVOA_L

ClientSampleId :

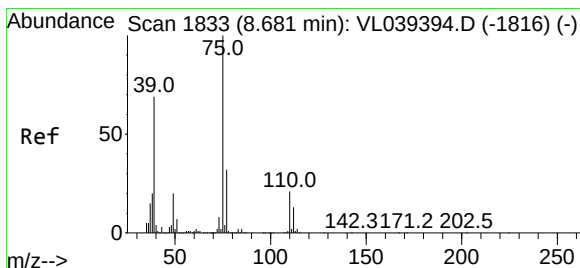
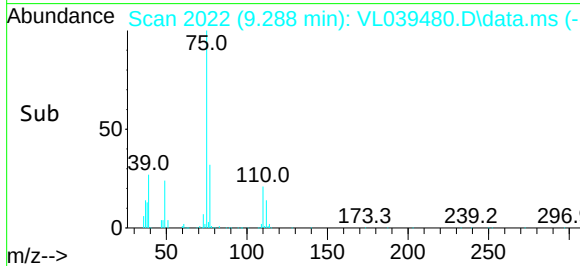
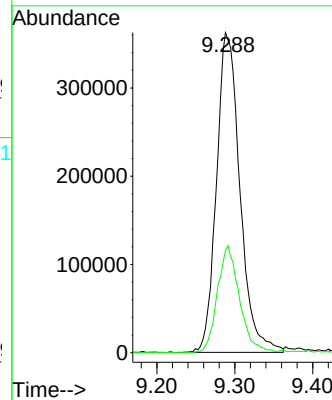
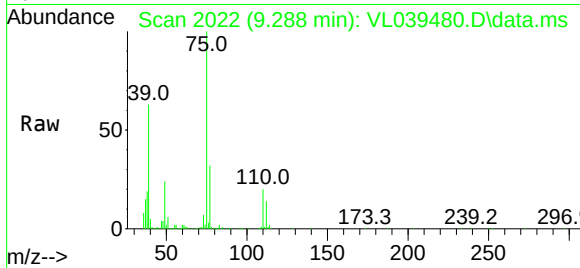
VSTDCCC010

Tgt Ion: 75 Resp: 75730
Ion Ratio Lower Upper
75 100
77 31.8 24.6 36.8

Manual Integrations

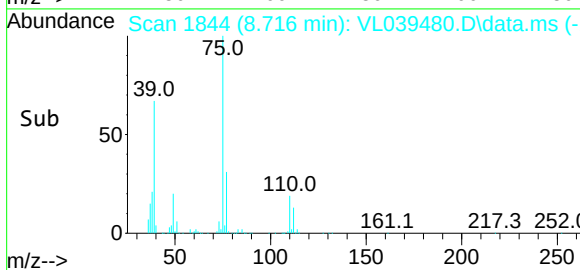
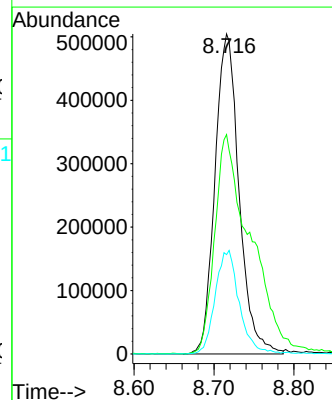
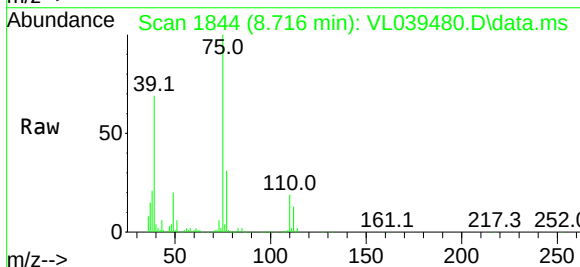
APPROVED

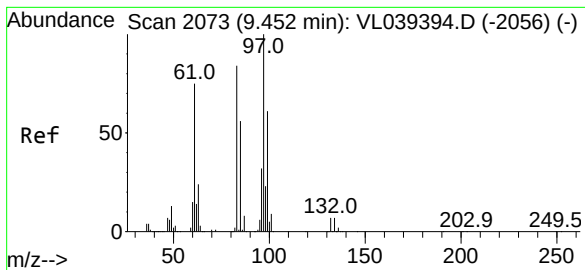
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#46
cis-1,3-Dichloropropene
Concen: 8.694 ppbv
RT: 8.716 min Scan# 1844
Delta R.T. 0.035 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

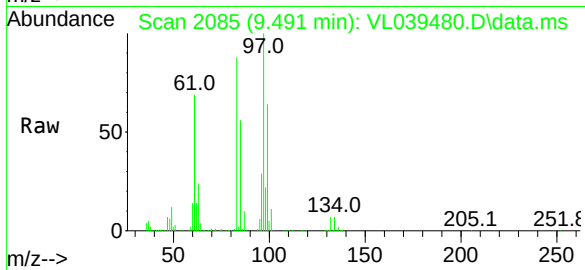
Tgt Ion: 75 Resp: 1056485
Ion Ratio Lower Upper
75 100
39 68.4 55.0 82.4
77 31.0 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 9.386 ppbv
RT: 9.491 min Scan# 2073
Delta R.T. 0.038 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

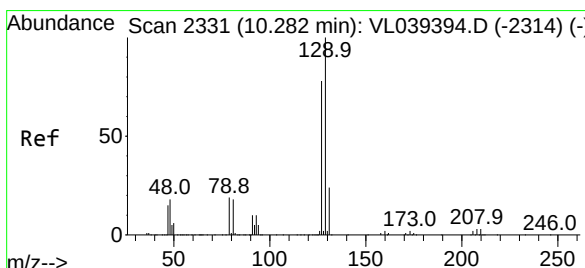
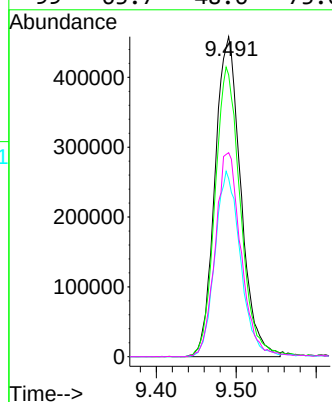
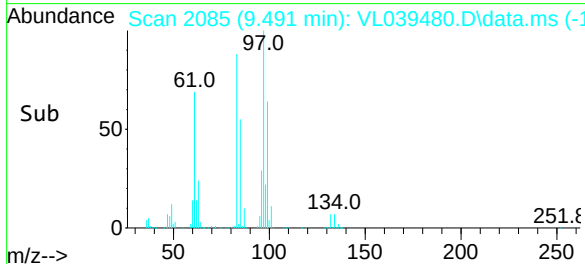
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 97 Resp: 102594
Ion Ratio Lower Upper
97 100
83 88.0 67.4 101.0
85 55.6 45.1 67.7
99 63.7 48.6 73.0

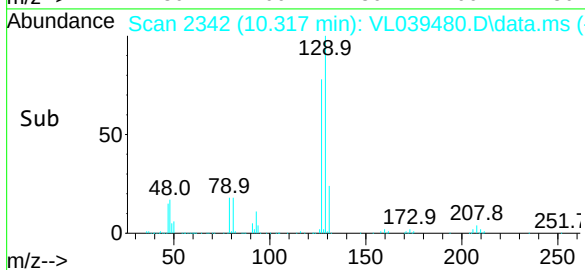
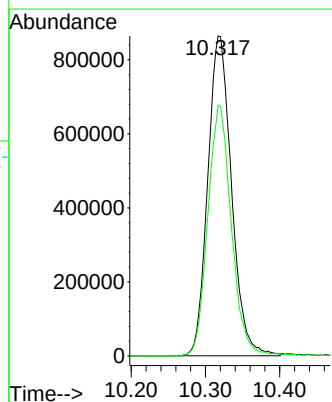
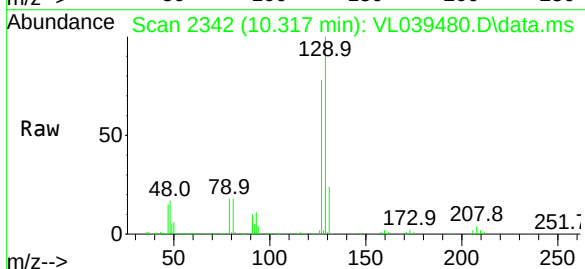
Manual Integrations
APPROVED

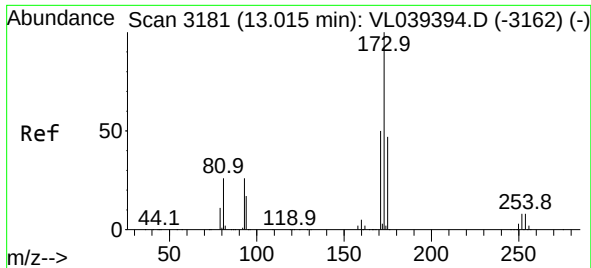
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#48
Dibromochloromethane
Concen: 11.043 ppbv
RT: 10.317 min Scan# 2342
Delta R.T. 0.035 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

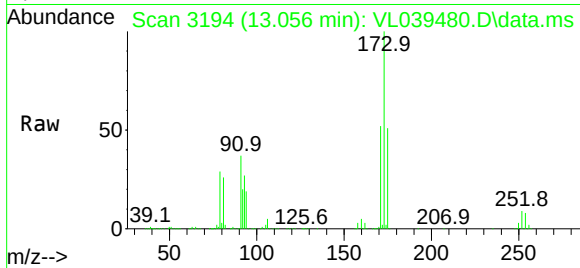
Tgt Ion:129 Resp: 1918622
Ion Ratio Lower Upper
129 100
127 78.5 39.3 117.9





#49
Bromoform
Concen: 11.600 ppbv
RT: 13.056 min Scan# 3181
Delta R.T. 0.042 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

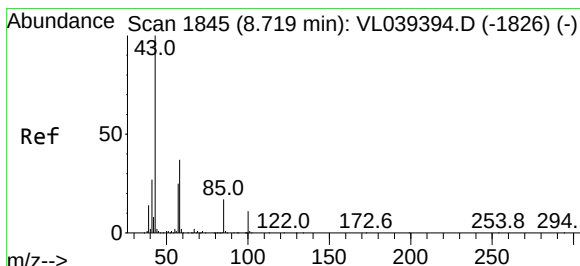
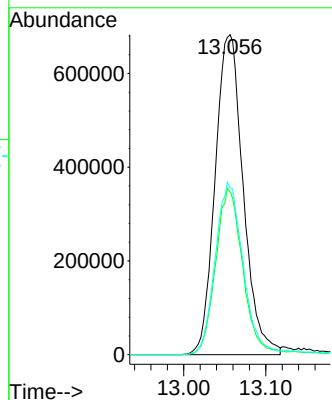
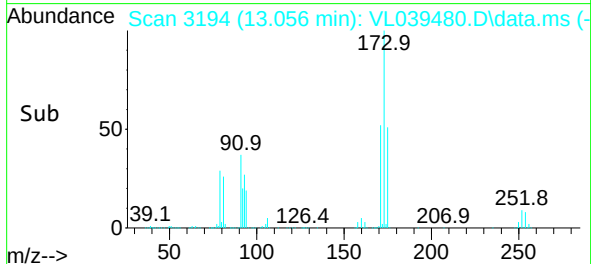
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



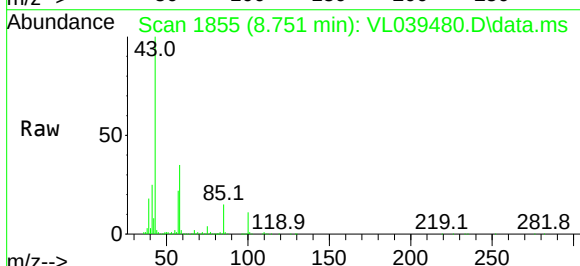
Tgt Ion:173 Resp: 162588
Ion Ratio Lower Upper
173 100
175 51.0 40.3 60.5
171 54.6 42.9 64.3

Manual Integrations
APPROVED

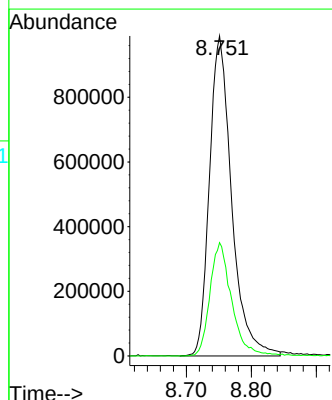
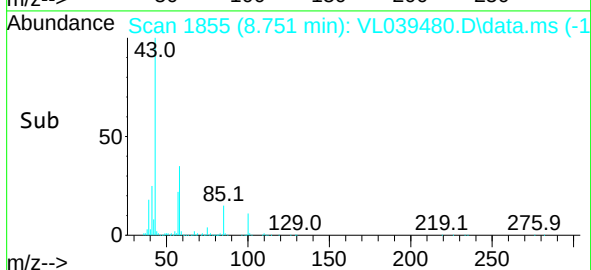
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

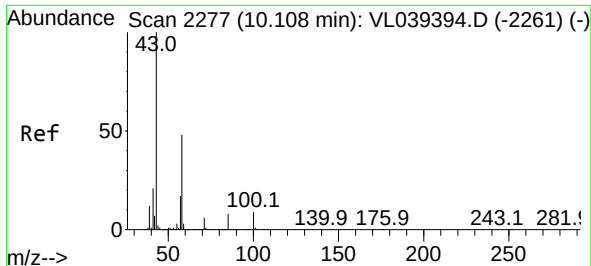


#50
4-Methyl-2-Pentanone
Concen: 9.159 ppbv
RT: 8.751 min Scan# 1855
Delta R.T. 0.032 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51



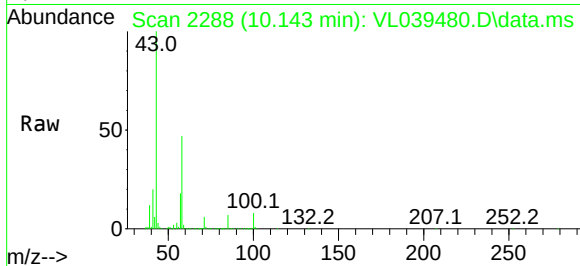
Tgt Ion: 43 Resp: 2348863
Ion Ratio Lower Upper
43 100
58 34.9 28.8 43.2





#51
2-Hexanone
Concen: 11.111 ppbv
RT: 10.143 min Scan# 21
Delta R.T. 0.035 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

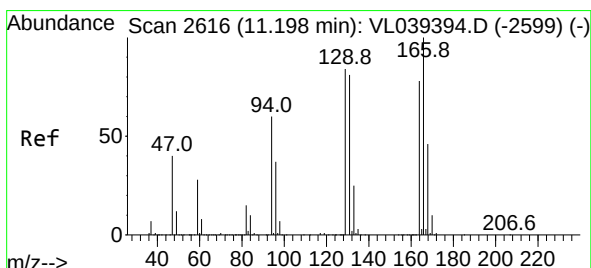
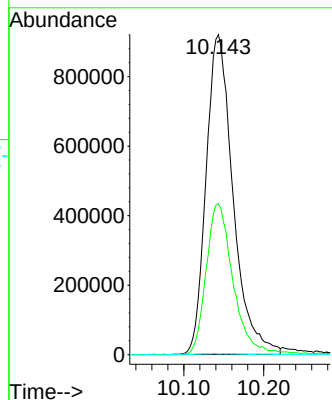
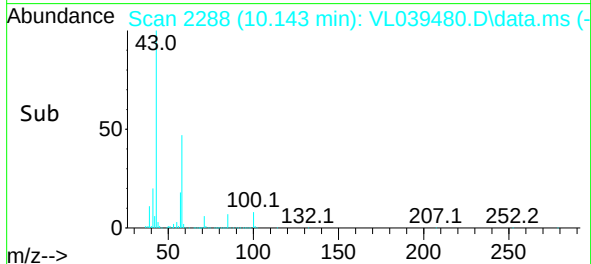
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 2155438
Ion Ratio Lower Upper
43 100
58 47.9 38.4 57.6
98 0.4 0.3 0.5

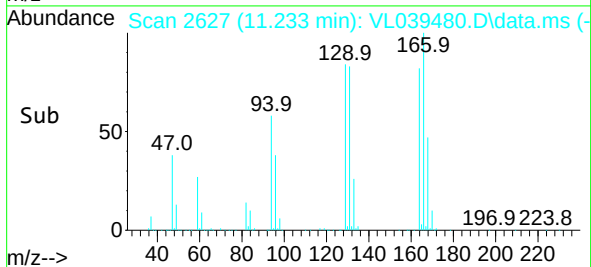
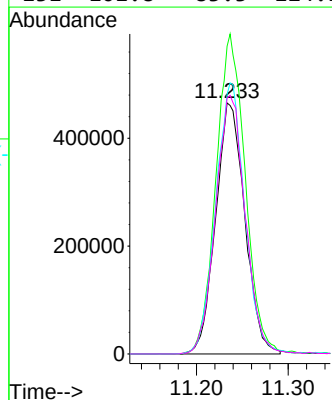
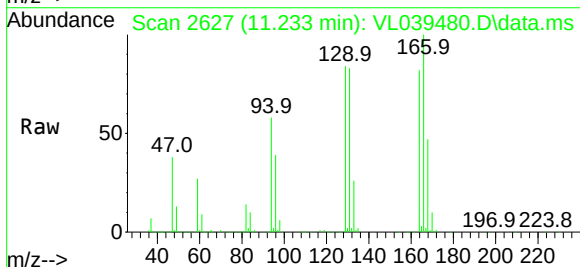
Manual Integrations
APPROVED

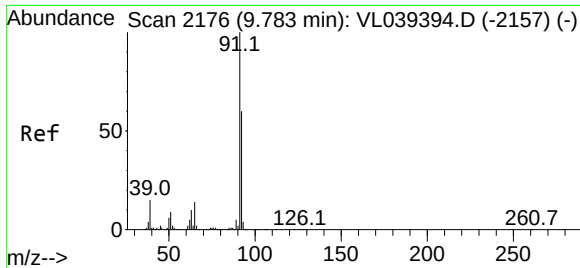
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#52
Tetrachloroethene
Concen: 9.770 ppbv
RT: 11.233 min Scan# 2627
Delta R.T. 0.035 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

Tgt Ion:164 Resp: 1025622
Ion Ratio Lower Upper
164 100
166 122.5 102.2 153.2
129 103.3 85.8 128.8
131 101.8 83.3 124.9





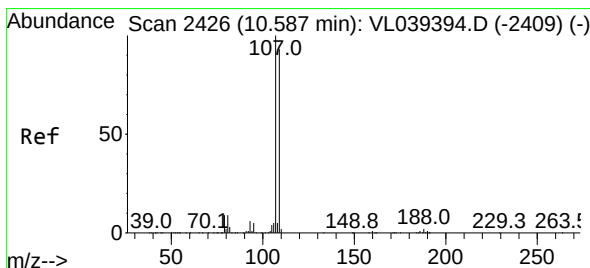
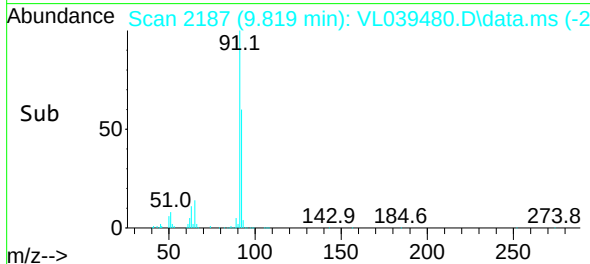
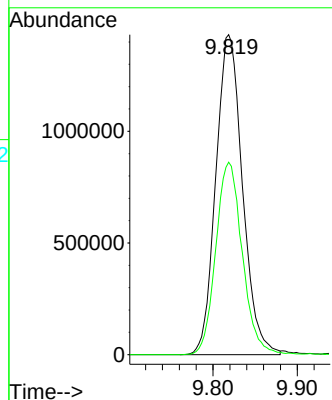
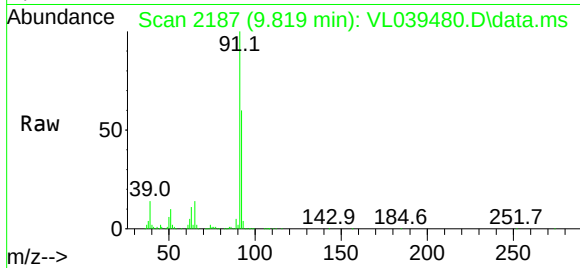
#53
Toluene
Concen: 10.469 ppbv
RT: 9.819 min Scan# 2176
Delta R.T. 0.035 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 314893
Ion Ratio Lower Upper
91 100
92 60.1 48.2 72.2

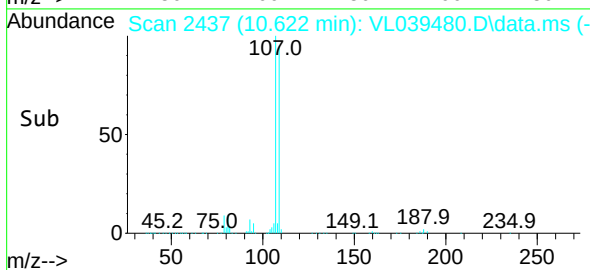
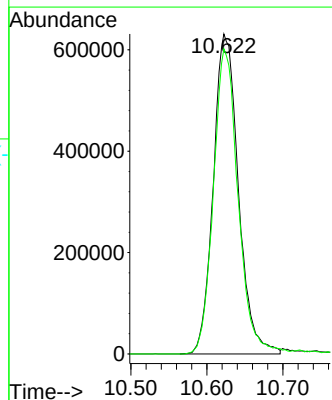
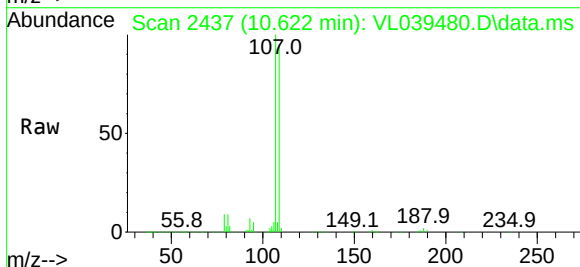
Manual Integrations
APPROVED

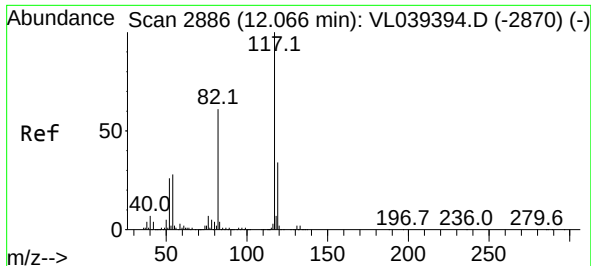
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#54
1,2-Dibromoethane
Concen: 10.635 ppbv
RT: 10.622 min Scan# 2437
Delta R.T. 0.035 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

Tgt Ion:107 Resp: 1446453
Ion Ratio Lower Upper
107 100
109 95.3 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv m

RT: 12.098 min Scan# 2896

Delta R.T. 0.032 min

Lab File: VL039480.D

Acq: 19 Jul 2022 12:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:117 Resp: 325208

Ion Ratio Lower Upper

117 100

82 62.8 50.8 76.2

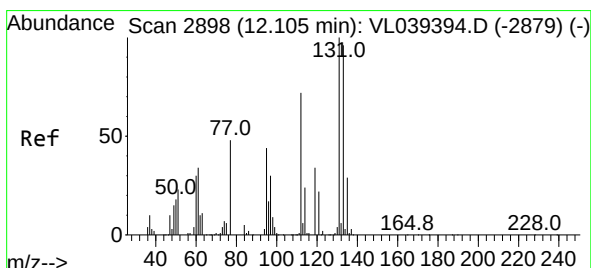
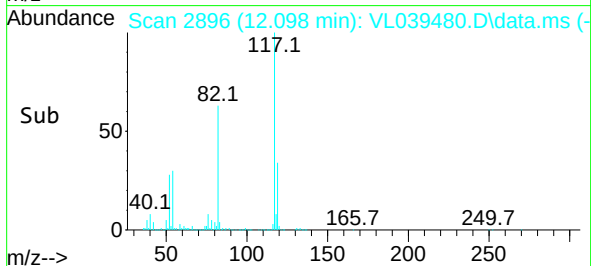
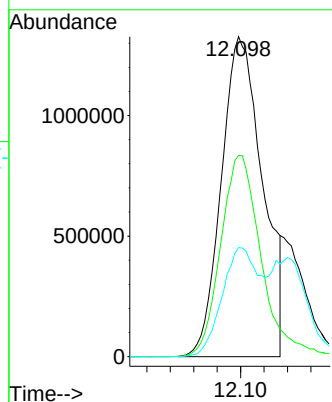
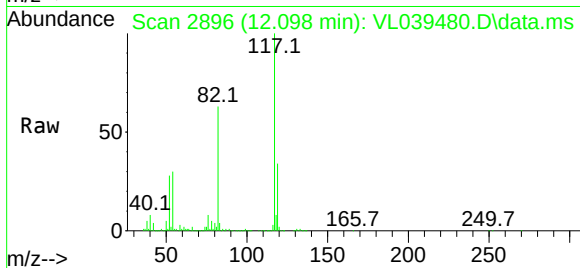
119 32.8 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/20/2022

Supervised By :Mahesh Dadoda 07/21/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 10.015 ppbv

RT: 12.140 min Scan# 2909

Delta R.T. 0.035 min

Lab File: VL039480.D

Acq: 19 Jul 2022 12:51

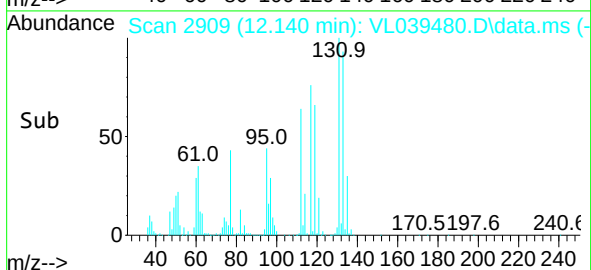
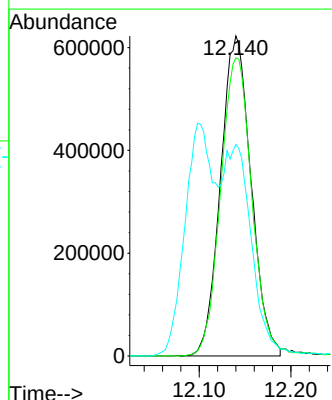
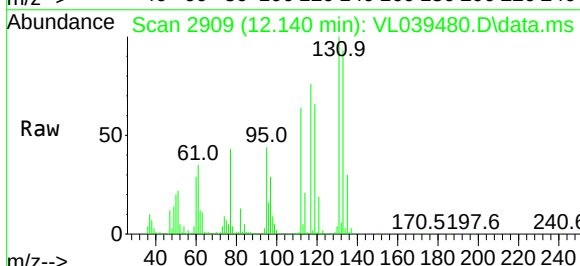
Tgt Ion:131 Resp: 1438742

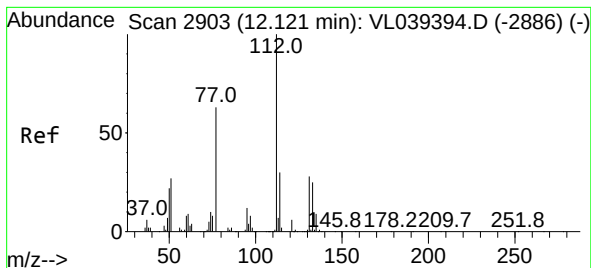
Ion Ratio Lower Upper

131 100

133 96.5 76.8 115.2

119 67.8 46.2 69.4





#57

Chlorobenzene

Concen: 9.619 ppbv

RT: 12.159 min Scan# 2903

Delta R.T. 0.038 min

Lab File: VL039480.D

Acq: 19 Jul 2022 12:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:112 Resp: 2425370

Ion Ratio Lower Upper

112 100

77 63.6 51.0 76.4

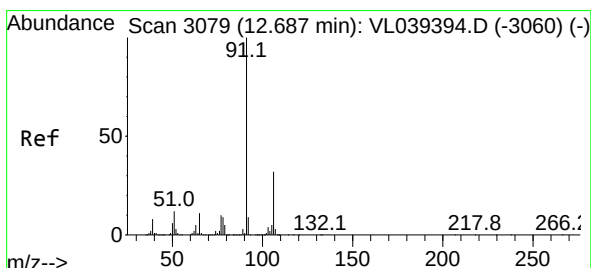
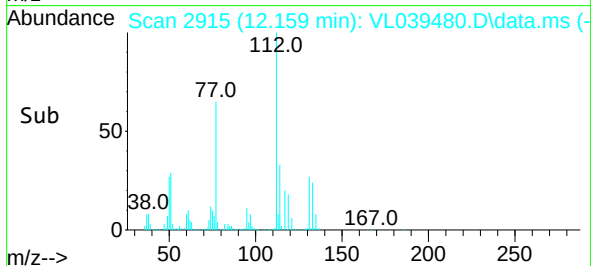
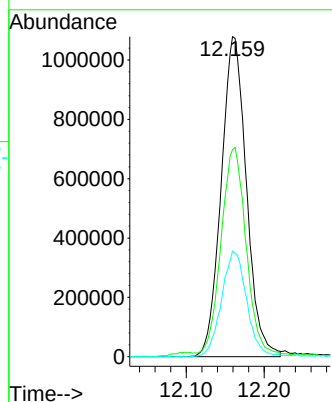
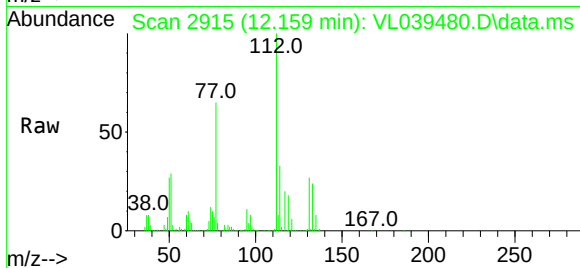
114 32.9 27.5 33.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/20/2022

Supervised By :Mahesh Dadoda 07/21/2022



#58

Ethyl Benzene

Concen: 10.034 ppbv

RT: 12.722 min Scan# 3090

Delta R.T. 0.035 min

Lab File: VL039480.D

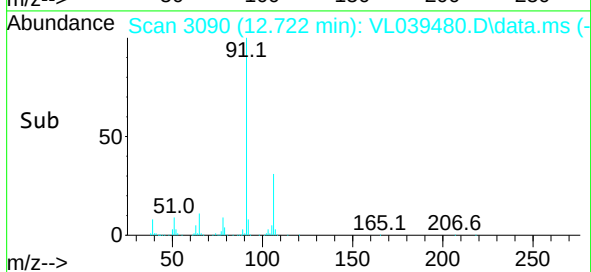
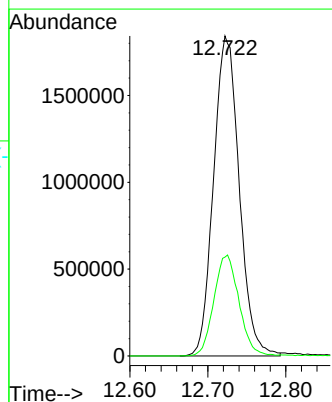
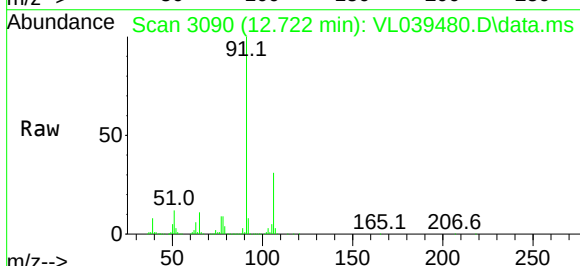
Acq: 19 Jul 2022 12:51

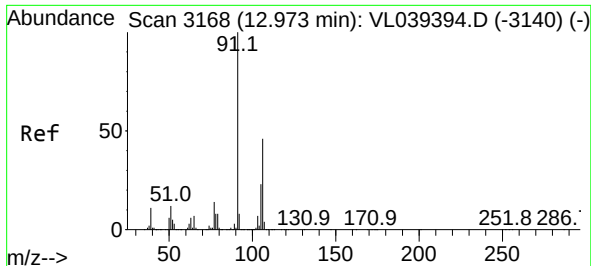
Tgt Ion: 91 Resp: 4213361

Ion Ratio Lower Upper

91 100

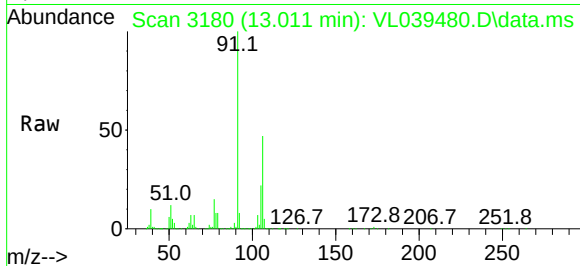
106 30.9 25.4 38.0





#59
m/p-Xylene
Concen: 19.721 ppbv m
RT: 13.011 min Scan# 3168
Delta R.T. 0.038 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

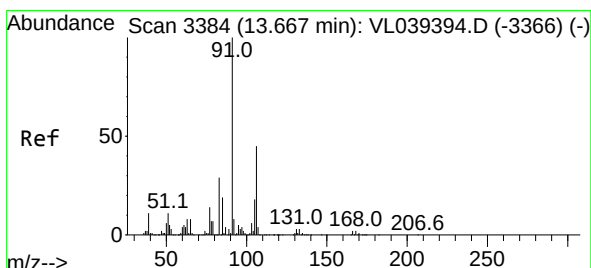
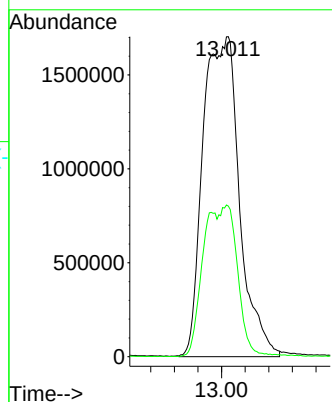
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 91 Resp: 730079
Ion Ratio Lower Upper
91 100
106 44.6 35.4 53.2

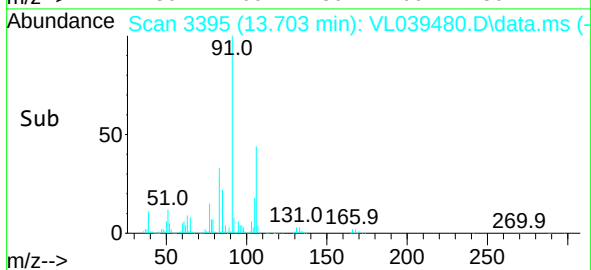
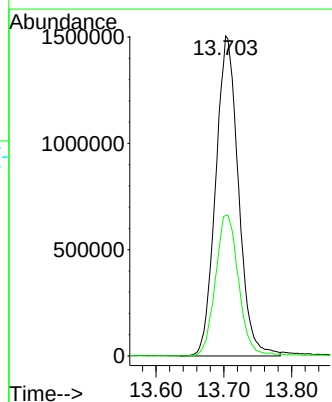
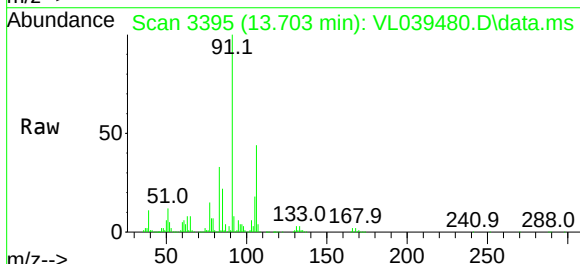
Manual Integrations
APPROVED

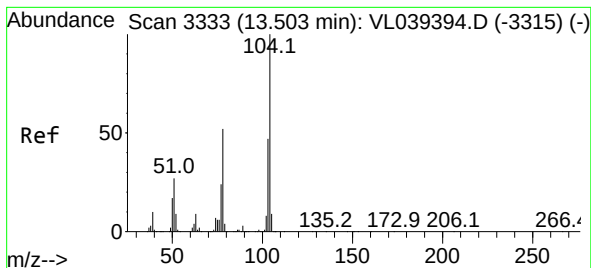
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#60
o-Xylene
Concen: 10.013 ppbv
RT: 13.703 min Scan# 3395
Delta R.T. 0.035 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

Tgt Ion: 91 Resp: 3510175
Ion Ratio Lower Upper
91 100
106 45.1 22.4 67.3





#61

Styrene

Concen: 11.028 ppbv

RT: 13.539 min Scan# 31

Delta R.T. 0.035 min

Lab File: VL039480.D

Acq: 19 Jul 2022 12:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 209419

Ion Ratio Lower Upper

104 100

78 52.0 41.2 61.8

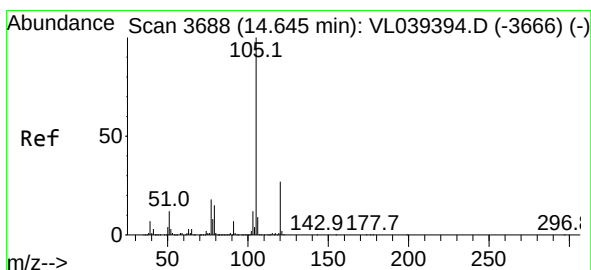
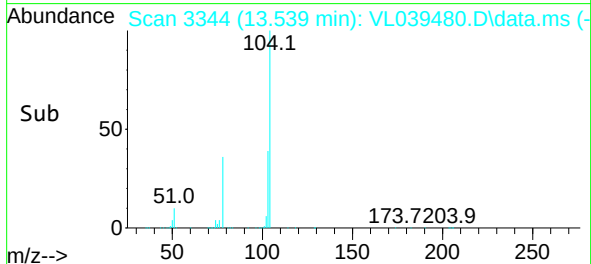
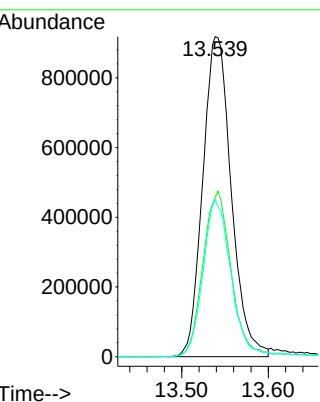
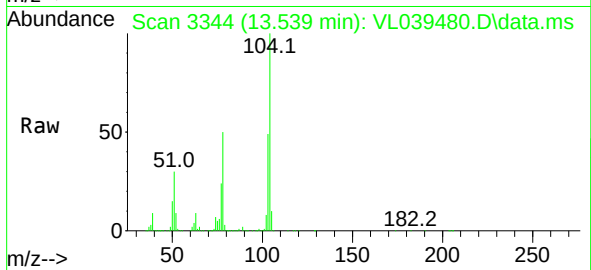
103 48.6 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/20/2022

Supervised By :Mahesh Dadoda 07/21/2022



#62

Isopropylbenzene

Concen: 9.688 ppbv

RT: 14.680 min Scan# 3699

Delta R.T. 0.035 min

Lab File: VL039480.D

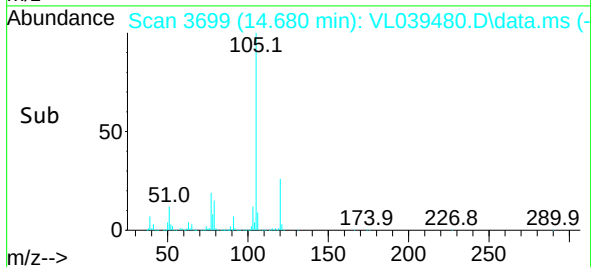
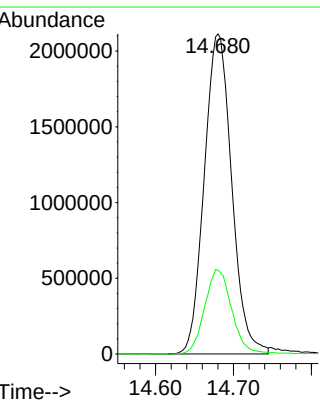
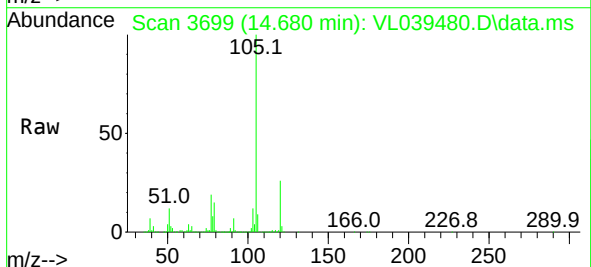
Acq: 19 Jul 2022 12:51

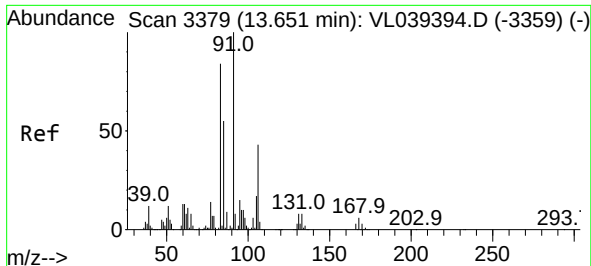
Tgt Ion:105 Resp: 5171737

Ion Ratio Lower Upper

105 100

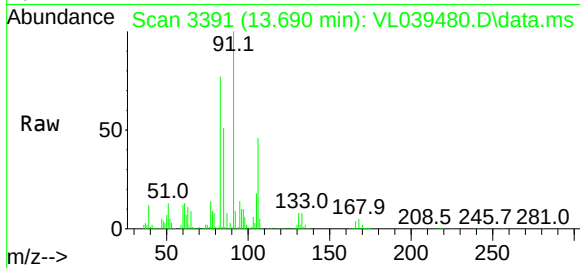
120 26.2 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 9.108 ppbv
RT: 13.690 min Scan# 31
Delta R.T. 0.038 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

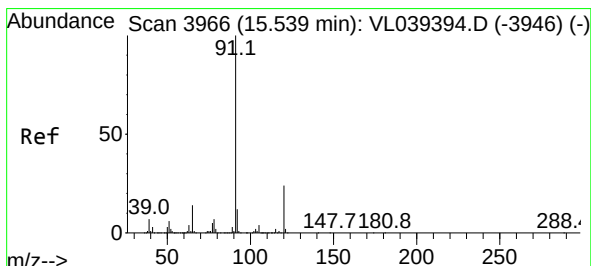
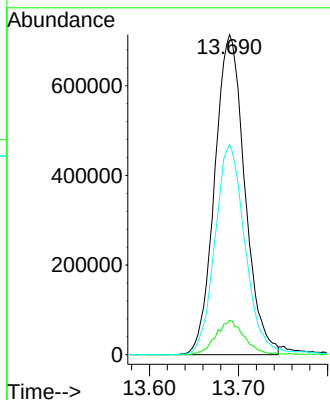
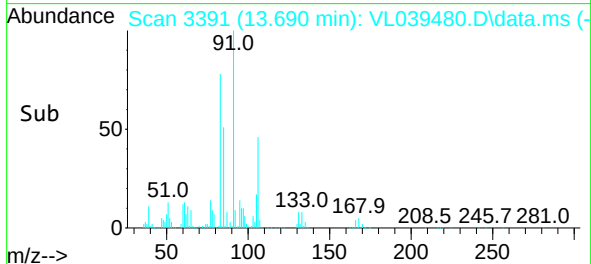
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



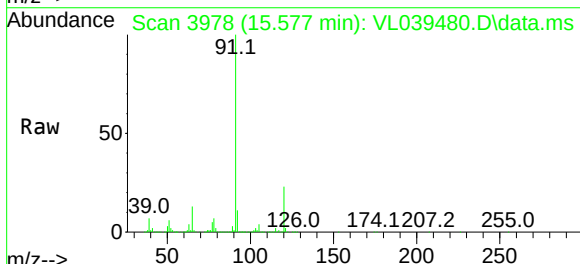
Tgt Ion: 83 Resp: 167364
Ion Ratio Lower Upper
83 100
131 10.4 5.3 15.8
85 66.6 33.1 99.5

Manual Integrations
APPROVED

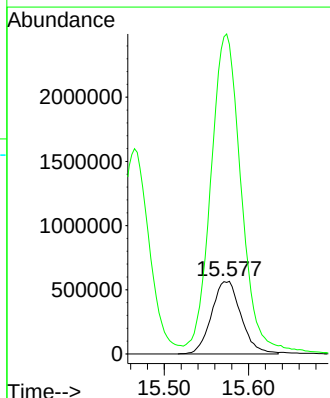
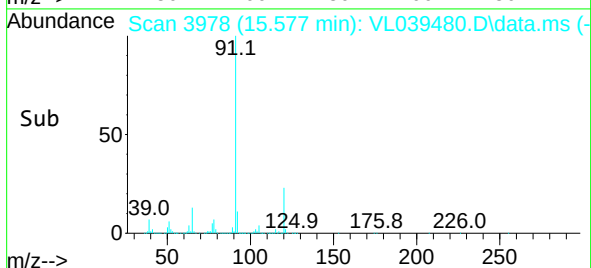
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

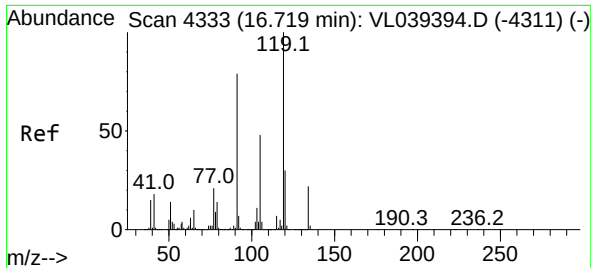


#64
n-propylbenzene
Concen: 10.134 ppbv
RT: 15.577 min Scan# 3978
Delta R.T. 0.038 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51



Tgt Ion:120 Resp: 1371246
Ion Ratio Lower Upper
120 100
91 457.3 367.2 550.8





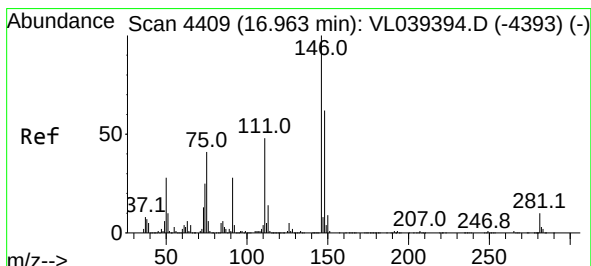
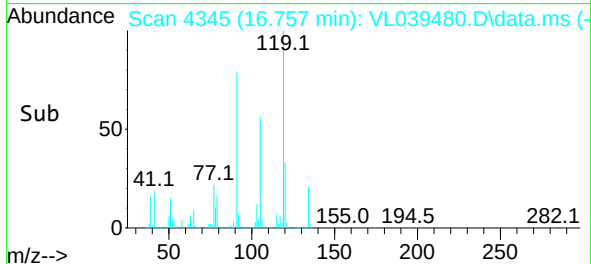
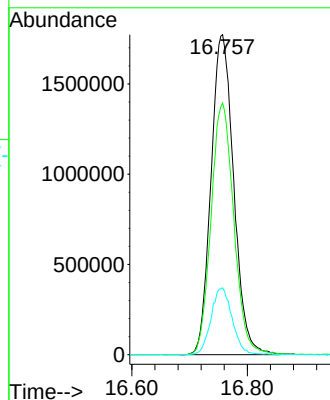
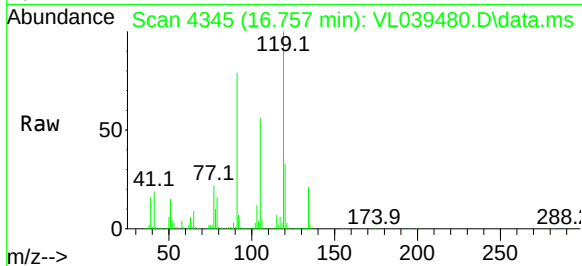
#65
tert-Butylbenzene
Concen: 9.795 ppbv
RT: 16.757 min Scan# 41
Delta R.T. 0.038 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 119 Resp: 483231
Ion Ratio Lower Upper
119 100
91 79.0 63.4 95.2
134 19.5 15.9 23.9

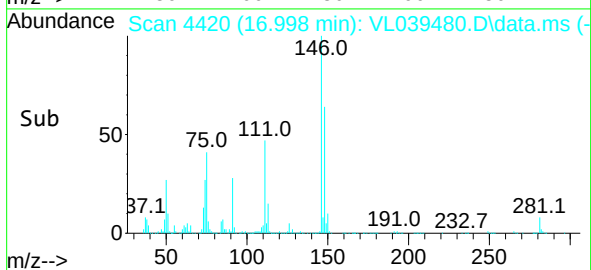
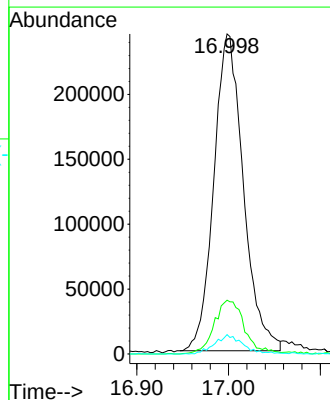
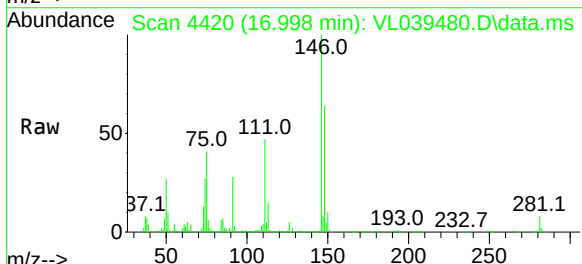
Manual Integrations
APPROVED

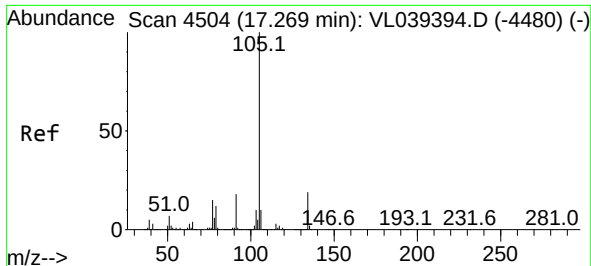
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#66
Benzyl Chloride
Concen: 11.659 ppbv
RT: 16.998 min Scan# 4420
Delta R.T. 0.035 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

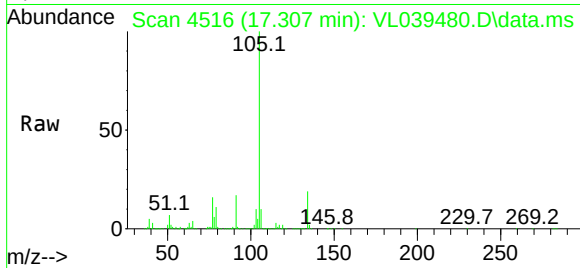
Tgt Ion: 91 Resp: 546564
Ion Ratio Lower Upper
91 100
126 17.8 13.1 19.7
128 5.9 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 9.860 ppbv
 RT: 17.307 min Scan# 41
 Delta R.T. 0.038 min
 Lab File: VL039480.D
 Acq: 19 Jul 2022 12:51

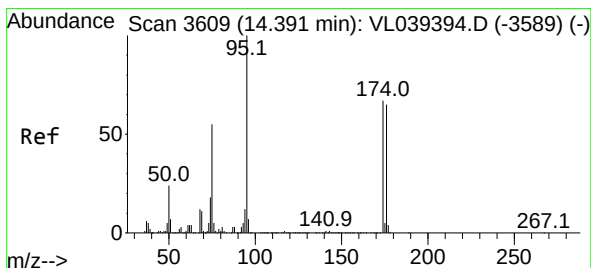
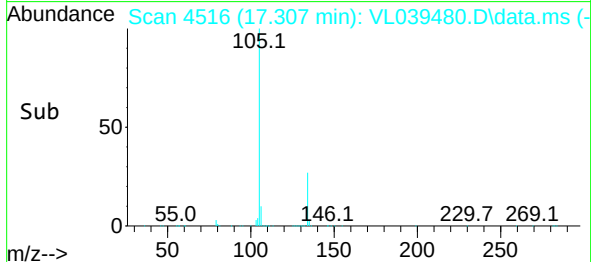
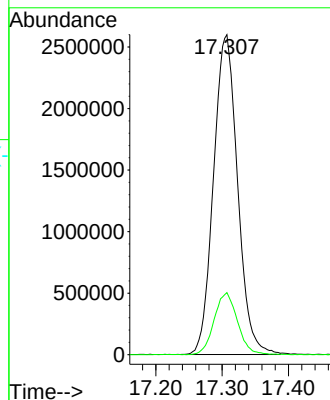
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:105 Resp: 655170
 Ion Ratio Lower Upper
 105 100
 134 18.8 14.8 22.2

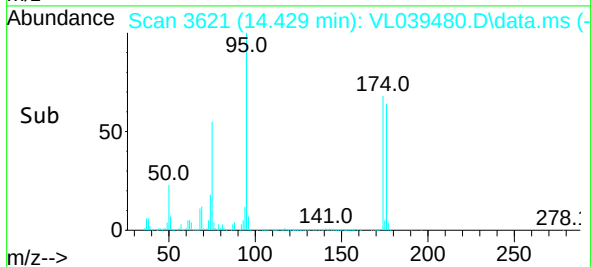
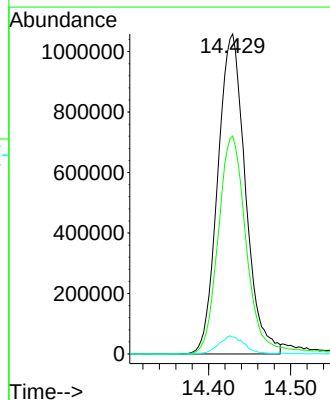
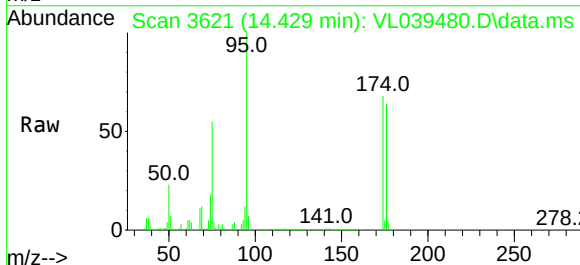
Manual Integrations
 APPROVED

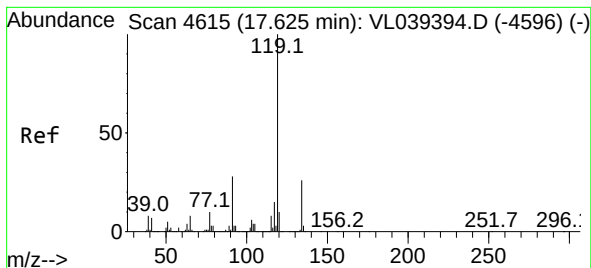
Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/21/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.258 ppbv
 RT: 14.429 min Scan# 3621
 Delta R.T. 0.038 min
 Lab File: VL039480.D
 Acq: 19 Jul 2022 12:51

Tgt Ion: 95 Resp: 2474862
 Ion Ratio Lower Upper
 95 100
 174 70.7 55.9 83.9
 175 5.4 4.2 6.4





#69

p-Isopropyltoluene

Concen: 10.088 ppbv

RT: 17.664 min Scan# 4615

Delta R.T. 0.038 min

Lab File: VL039480.D

Acq: 19 Jul 2022 12:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 568776

Ion Ratio Lower Upper

119 100

134 25.3 20.3 30.5

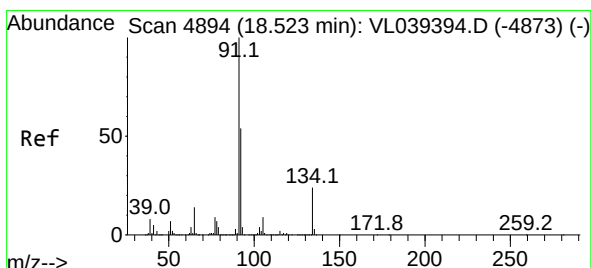
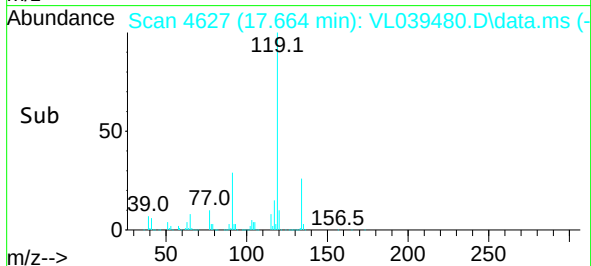
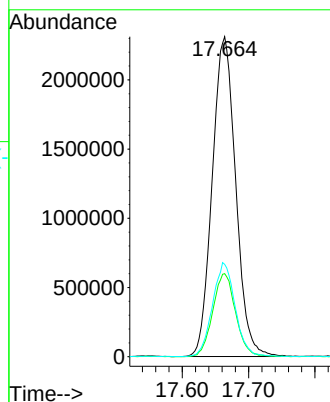
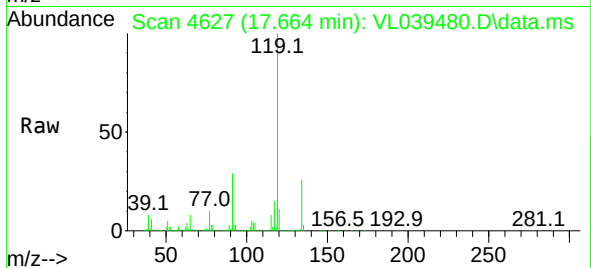
91 28.4 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/20/2022

Supervised By :Mahesh Dadoda 07/21/2022



#70

n-Butylbenzene

Concen: 10.068 ppbv

RT: 18.558 min Scan# 4905

Delta R.T. 0.035 min

Lab File: VL039480.D

Acq: 19 Jul 2022 12:51

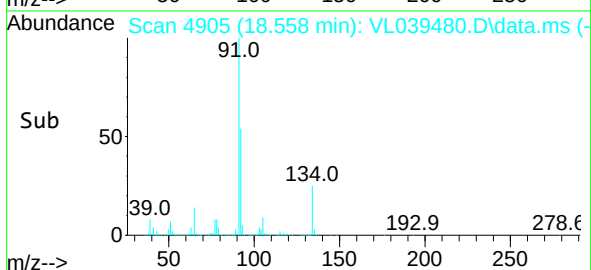
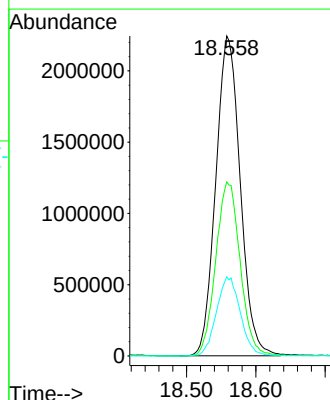
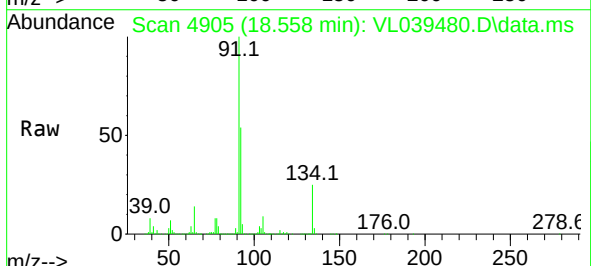
Tgt Ion: 91 Resp: 5509579

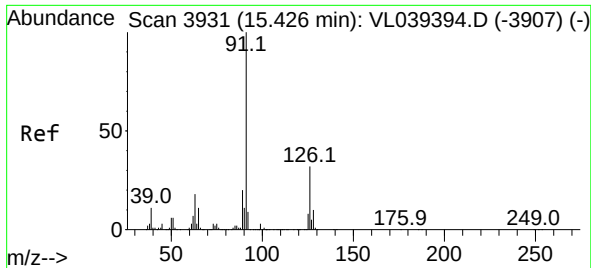
Ion Ratio Lower Upper

91 100

92 54.5 43.4 65.2

134 24.3 18.9 28.3





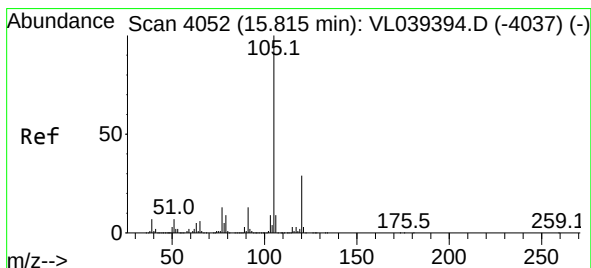
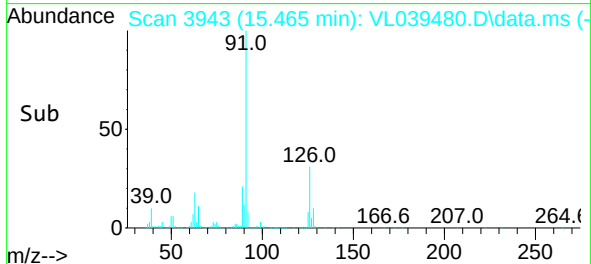
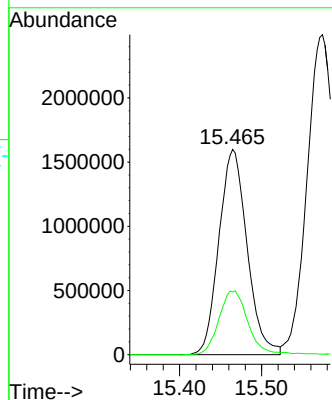
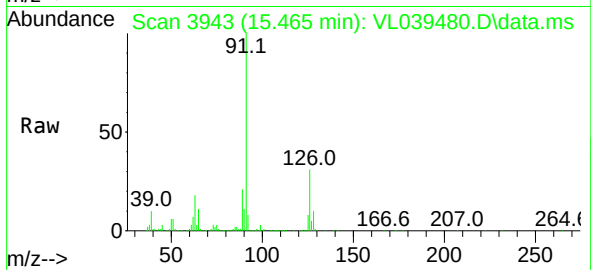
#71
2-Chlorotoluene
Concen: 9.994 ppbv
RT: 15.465 min Scan# 3931
Delta R.T. 0.038 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3818672
Ion Ratio Lower Upper
91 100
126 32.7 13.0 51.8

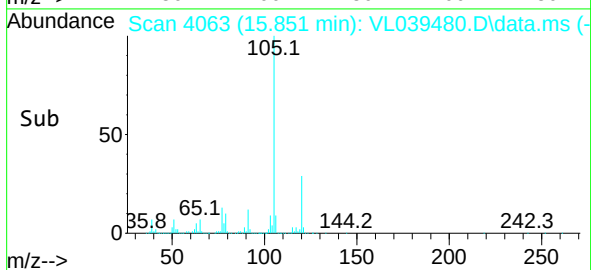
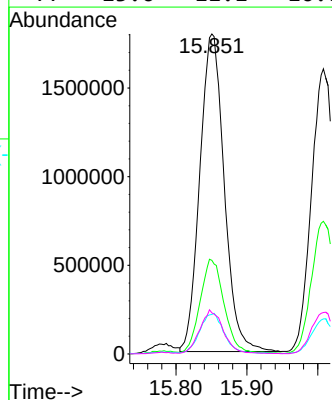
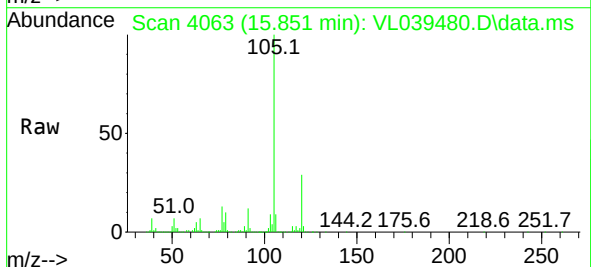
Manual Integrations
APPROVED

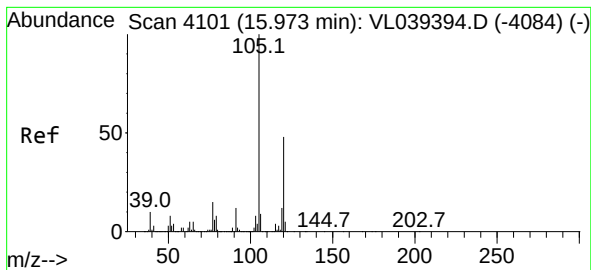
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#72
4-Ethyltoluene
Concen: 10.408 ppbv
RT: 15.851 min Scan# 4063
Delta R.T. 0.035 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

Tgt Ion:105 Resp: 4289743
Ion Ratio Lower Upper
105 100
120 29.7 24.2 36.2
91 12.7 10.2 15.4
77 13.6 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 10.331 ppbv

RT: 16.008 min Scan# 4101

Delta R.T. 0.035 min

Lab File: VL039480.D

Acq: 19 Jul 2022 12:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 391096

Ion Ratio Lower Upper

105 100

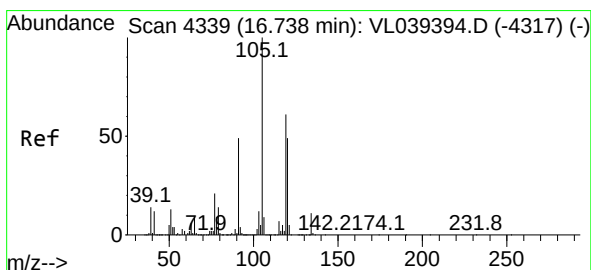
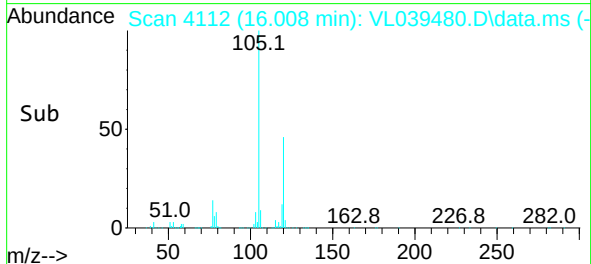
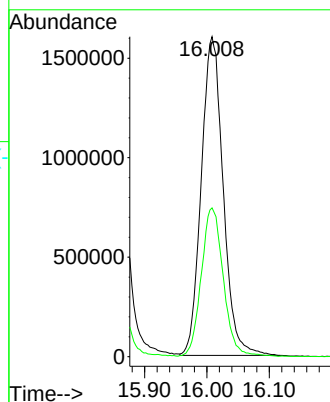
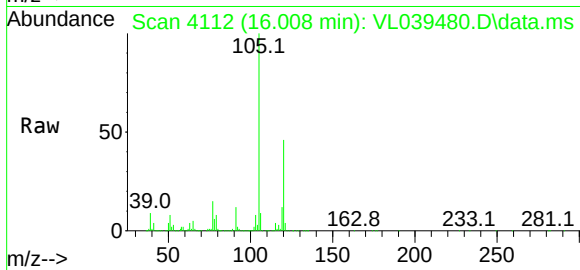
120 46.5 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/20/2022

Supervised By :Mahesh Dadoda 07/21/2022



#74

1,2,4-Trimethylbenzene

Concen: 10.026 ppbv

RT: 16.773 min Scan# 4350

Delta R.T. 0.035 min

Lab File: VL039480.D

Acq: 19 Jul 2022 12:51

Tgt Ion:105 Resp: 4198430

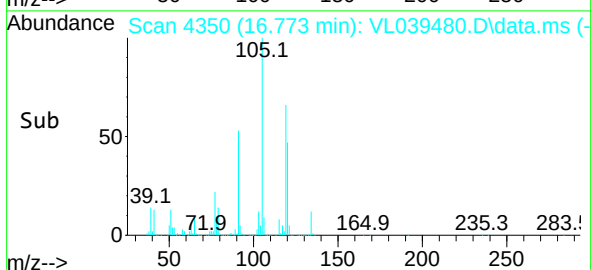
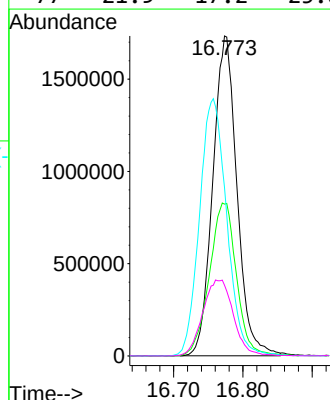
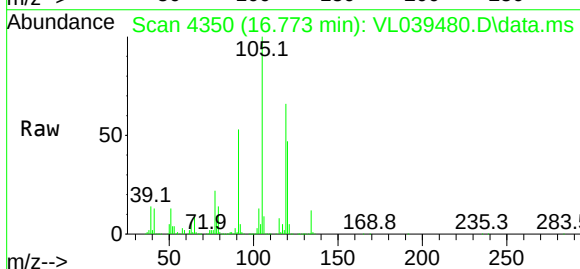
Ion Ratio Lower Upper

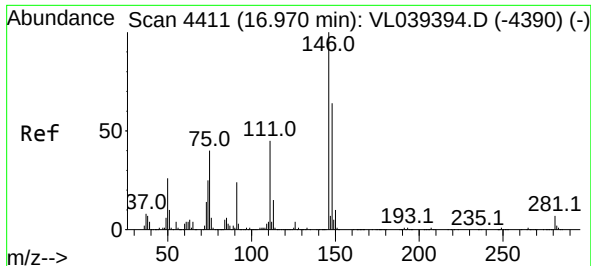
105 100

120 47.3 39.5 59.3

91 52.2 39.2 58.8

77 21.9 17.2 25.8





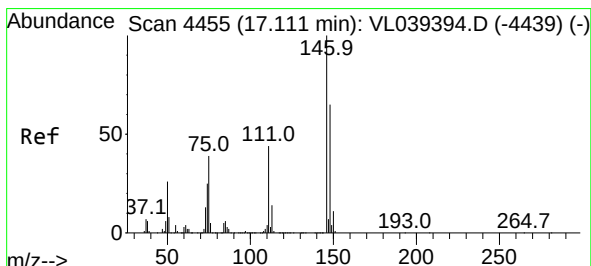
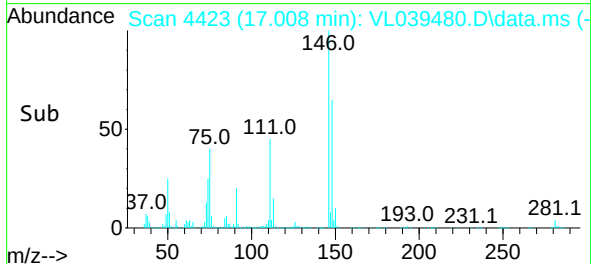
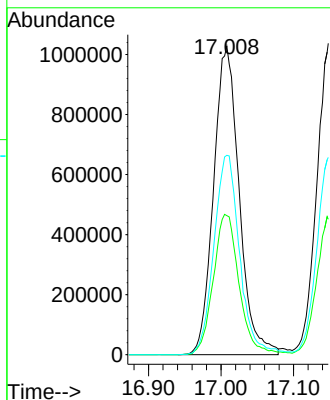
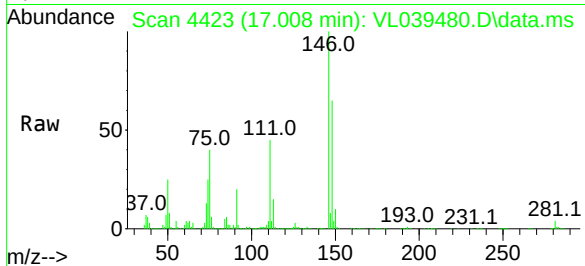
#75
1,3-Dichlorobenzene
Concen: 10.080 ppbv
RT: 17.008 min Scan# 4411
Delta R.T. 0.038 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

Instrument :
MSVOA_1
ClientSampleId :
VSTDCCC010

Tgt Ion:146 Resp: 2517939
Ion Ratio Lower Upper
146 100
111 46.0 22.9 68.7
148 65.1 32.1 96.5

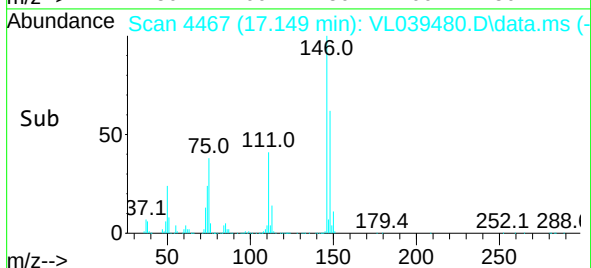
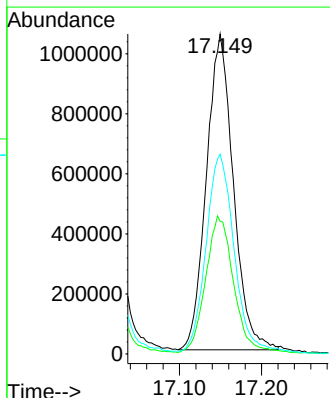
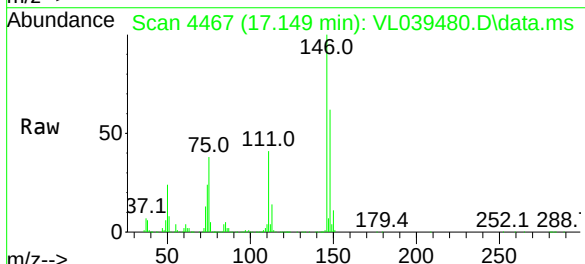
Manual Integrations
APPROVED

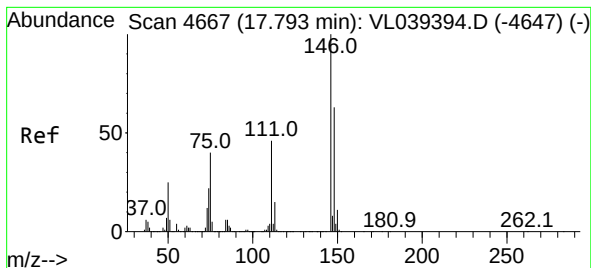
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022



#76
1,4-Dichlorobenzene
Concen: 9.726 ppbv
RT: 17.149 min Scan# 4467
Delta R.T. 0.038 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

Tgt Ion:146 Resp: 2408020
Ion Ratio Lower Upper
146 100
111 45.9 22.9 68.8
148 66.7 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 9.811 ppbv

RT: 17.825 min Scan# 40

Delta R.T. 0.032 min

Lab File: VL039480.D

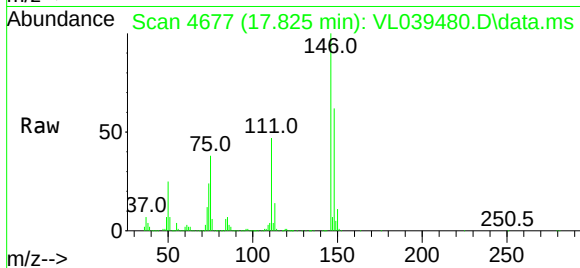
Acq: 19 Jul 2022 12:51

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:146 Resp: 242925

Ion Ratio Lower Upper

146 100

111 47.9 23.8 71.5

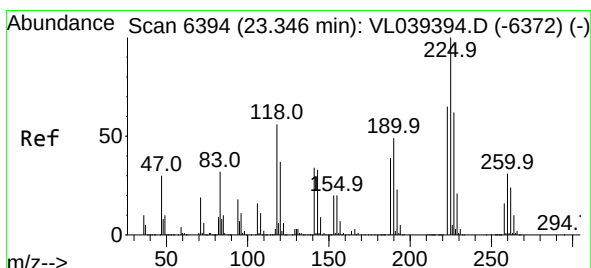
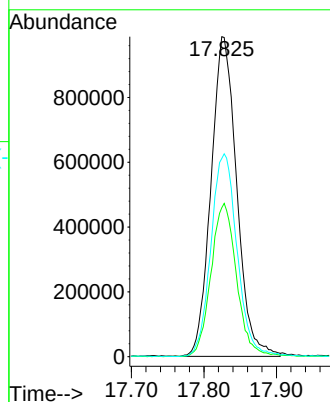
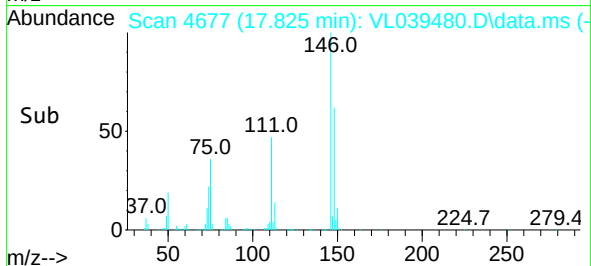
148 64.7 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/20/2022

Supervised By :Mahesh Dadoda 07/21/2022



#78

Hexachloro-1,3-Butadiene

Concen: 9.131 ppbv

RT: 23.384 min Scan# 6406

Delta R.T. 0.038 min

Lab File: VL039480.D

Acq: 19 Jul 2022 12:51

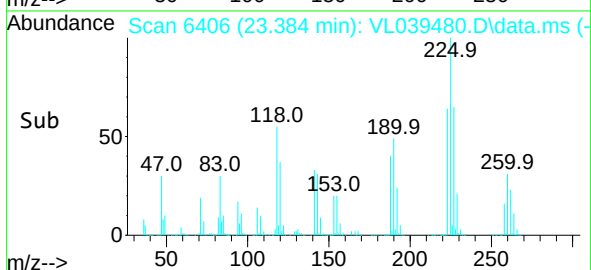
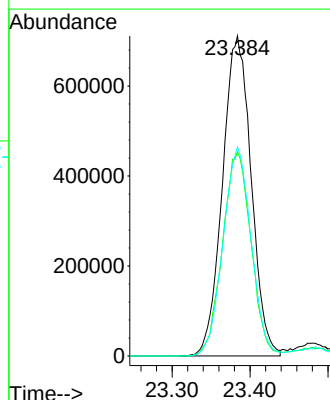
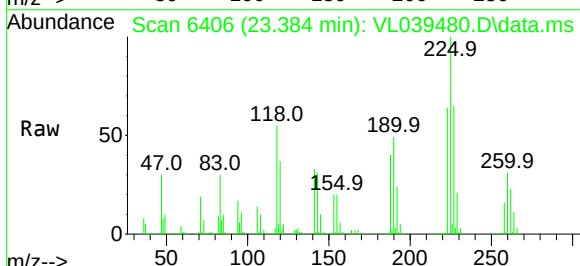
Tgt Ion:225 Resp: 1818269

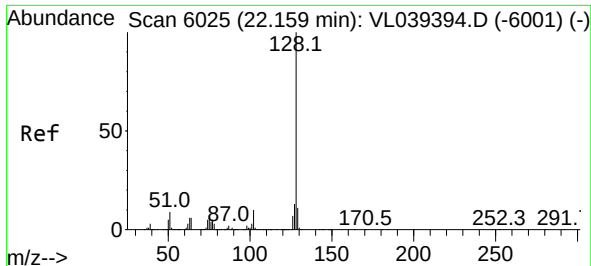
Ion Ratio Lower Upper

225 100

223 63.6 51.8 77.6

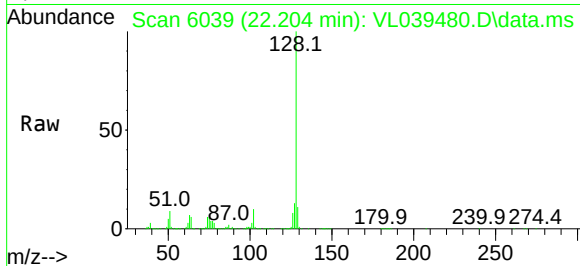
227 64.1 51.4 77.2





#79
Naphthalene
Concen: 12.062 ppbv
RT: 22.204 min Scan# 6025
Delta R.T. 0.045 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51

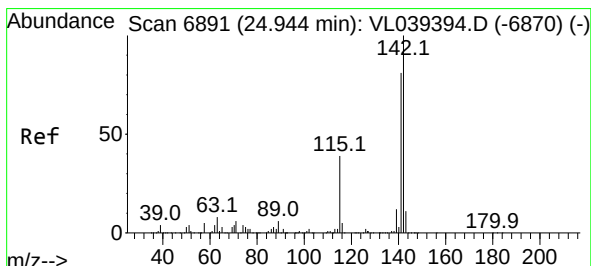
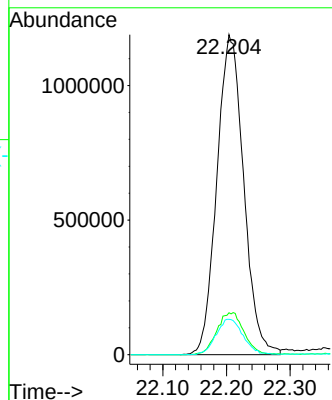
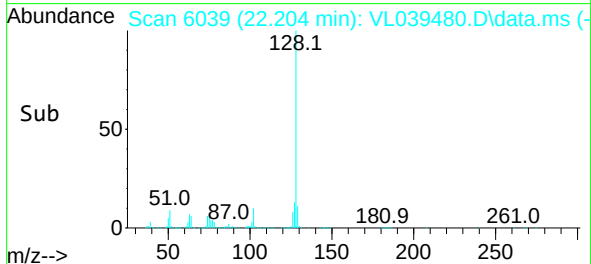
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



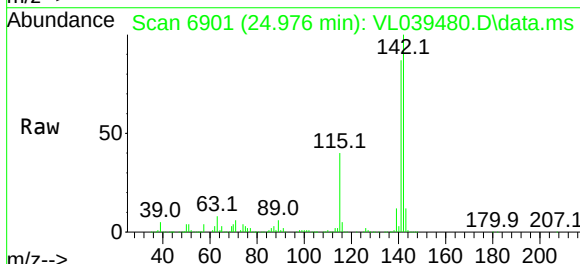
Tgt Ion:128 Resp: 3476244
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.1 8.8 13.2

Manual Integrations
APPROVED

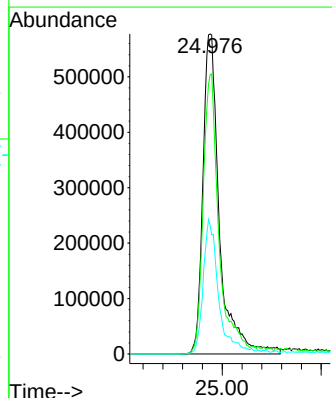
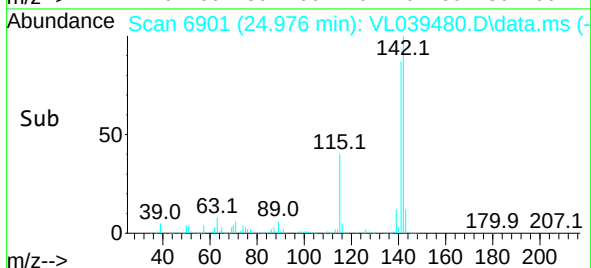
Reviewed By :Semsettin Yesilyurt 07/20/2022
Supervised By :Mahesh Dadoda 07/21/2022

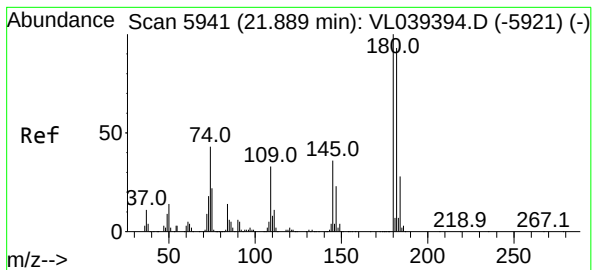


#80
Naphthalene,2-methyl-
Concen: 13.686 ppbv
RT: 24.976 min Scan# 6901
Delta R.T. 0.032 min
Lab File: VL039480.D
Acq: 19 Jul 2022 12:51



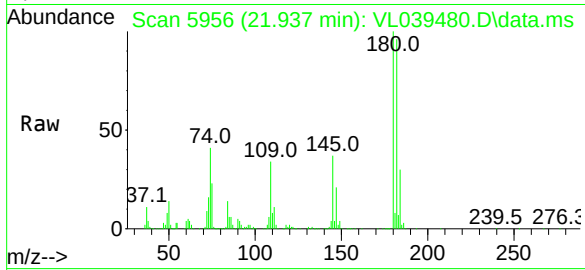
Tgt Ion:142 Resp: 1342409
Ion Ratio Lower Upper
142 100
141 84.0 68.9 103.3
115 40.8 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 10.766 ppbv
 RT: 21.937 min Scan# 5956
 Delta R.T. 0.048 min
 Lab File: VL039480.D
 Acq: 19 Jul 2022 12:51

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 2020970

Ion	Ratio	Lower	Upper
180	100		
182	95.3	77.1	115.7
184	30.7	24.3	36.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/20/2022
 Supervised By :Mahesh Dadoda 07/21/2022

