

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL072022\
 Data File : VL039510.D
 Acq On : 20 Jul 2022 14:37
 Operator : SY/AP
 Sample : VISTCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Jul 21 06:06:12 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 2022

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

Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	5.681	49	997848	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.192	114	2780222	10.000	ppbv	0.04
55) Chlorobenzene-d5	12.101	117	2681895	10.000	ppbv	0.04
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.429	95	2096632	10.538	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	= 105.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.060	85	1052464	7.312	ppbv	100
3) Chlorodifluoromethane	2.999	51	1290439	10.193	ppbv	99
4) Chloromethane	3.153	50	685490	9.900	ppbv	98
5) Vinyl Chloride	3.272	62	686207	10.051	ppbv	99
6) Bromomethane	3.488	94	301513	10.493	ppbv	98
7) Chloroethane	3.571	64	258937	10.663	ppbv	100
8) Dichlorotetrafluoroethane	3.202	85	1488574	9.468	ppbv	100
9) Propene	3.021	41	553886	9.688	ppbv	99
10) Heptane	8.140	43	1456578	10.878	ppbv	100
11) Trichlorofluoromethane	3.964	101	1653587	10.310	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.500	101	1202934	10.061	ppbv	97
13) Ethanol	3.616	45	25333m	7.637	ppbv	
14) Bromoethene	3.751	108	520964	10.364	ppbv	98
15) Acetone	3.861	43	1227610	10.399	ppbv	99
16) 1,3-Butadiene	3.340	39	656169	10.712	ppbv	99
17) tert-Butyl alcohol	4.295	59	1129730	11.275	ppbv	98
18) 1,1-Dichloroethene	4.301	96	555190	10.250	ppbv	95
19) Isopropyl Alcohol	3.973	45	640258	10.168	ppbv #	97
20) Methylene Chloride	4.359	84	456702	9.706	ppbv	99
21) Allyl Chloride	4.427	41	859116	10.507	ppbv	99
22) trans-1,2-Dichloroethene	4.899	96	564709	10.770	ppbv	96
23) Vinyl Acetate	5.086	43	923960	11.712	ppbv #	97
24) 1,1-Dichloroethane	5.025	63	1222780	10.974	ppbv	99
25) Ethyl Acetate	5.690	43	2647661	10.938	ppbv	99
26) Hexane	5.703	57	1121774	11.497	ppbv	99
27) Carbon Disulfide	4.565	76	1348885	11.453	ppbv	100
28) Methyl tert-Butyl Ether	5.050	73	1147363	10.998	ppbv	99
29) Chloroform	5.767	83	1805236	10.640	ppbv	98
30) Cyclohexane	7.147	84	986067	11.100	ppbv	97
31) cis-1,2-Dichloroethene	5.565	61	1135699	10.970	ppbv	100
32) 1,1,1-Trichloroethane	6.526	97	1828759	10.920	ppbv	100
34) 2-Butanone	5.256	43	1577538	11.272	ppbv	99
35) Carbon Tetrachloride	7.034	117	1966369	11.446	ppbv	99
36) Benzene	6.909	78	2358692	10.962	ppbv	98
37) 1,2-Dichloroethane	6.320	62	1396568	10.996	ppbv	99
38) Trichloroethene	7.851	130	1276763	10.971	ppbv	98
39) 1,2-Dichloropropane	7.629	63	854111	10.625	ppbv	92
40) 1,4-Dioxane	7.851	88	245628	7.668	ppbv #	12
41) Tetrahydrofuran	6.063	42	923818	11.391	ppbv	98
42) Bromodichloromethane	7.806	83	1955313	11.418	ppbv	99
43) Methyl Methacrylate	8.031	69	958558	11.716	ppbv	100
44) 2,2,4-Trimethylpentane	7.883	57	3885840	10.657	ppbv	99
45) t-1,3-Dichloropropene	9.295	75	936173	12.851	ppbv	99

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Manual Integrations
 APPROVED

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

Quant Time: Jul 21 06:06:12 2022

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

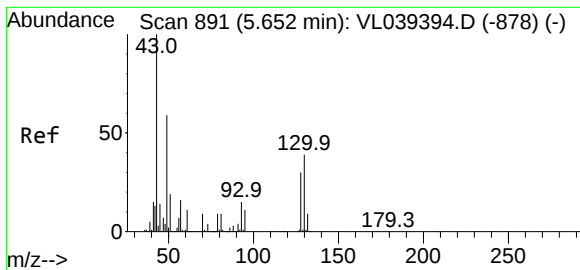
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 6

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

Response via : Initial Calibration

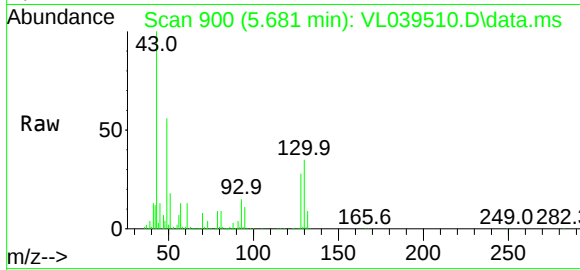
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.722	75	1251827	12.485	ppbv	99
47) 1,1,2-Trichloroethane	9.487	97	978071	10.844	ppbv	98
48) Dibromochloromethane	10.320	129	1728557	12.058	ppbv	99
49) Bromoform	13.056	173	1438328	12.437	ppbv	99
50) 4-Methyl-2-Pentanone	8.754	43	2448656	11.571	ppbv	99
51) 2-Hexanone	10.147	43	1885094	11.777	ppbv	100
52) Tetrachloroethene	11.240	164	940706	10.860	ppbv	96
53) Toluene	9.822	91	2847064	11.471	ppbv	99
54) 1,2-Dibromoethane	10.629	107	1281121	11.415	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.143	131	1281931	10.820	ppbv	94
57) Chlorobenzene	12.163	112	2196720	10.565	ppbv	96
58) Ethyl Benzene	12.725	91	3823874	11.042	ppbv	98
59) m/p-Xylene	13.015	91	6577926m	21.546	ppbv	
60) o-Xylene	13.706	91	3189433	11.032	ppbv	100
61) Styrene	13.542	104	1879792	12.003	ppbv	100
62) Isopropylbenzene	14.683	105	4744305	10.776	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.693	83	1482587	9.784	ppbv	99
64) n-propylbenzene	15.577	120	1229326	11.017	ppbv	99
65) tert-Butylbenzene	16.760	119	4354553	10.704	ppbv	99
66) Benzyl Chloride	17.002	91	458509	11.860	ppbv	99
67) sec-Butylbenzene	17.310	105	5911507	10.788	ppbv	99
69) p-Isopropyltoluene	17.667	119	5132720	11.039	ppbv	100
70) n-Butylbenzene	18.564	91	4970113	11.014	ppbv	99
71) 2-Chlorotoluene	15.468	91	3438396	10.912	ppbv	100
72) 4-Ethyltoluene	15.854	105	3862277	11.363	ppbv	99
73) 1,3,5-Trimethylbenzene	16.011	105	3530394	11.309	ppbv	96
74) 1,2,4-Trimethylbenzene	16.780	105	3768593	10.912	ppbv	98
75) 1,3-Dichlorobenzene	17.011	146	2262407	10.982	ppbv	100
76) 1,4-Dichlorobenzene	17.156	146	2199795	10.774	ppbv	98
77) 1,2-Dichlorobenzene	17.831	146	2176474	10.659	ppbv	100
78) Hexachloro-1,3-Butadiene	23.387	225	1573485	9.581	ppbv	99
79) Naphthalene	22.214	128	3047210	12.821	ppbv	100
80) Naphthalene,2-methyl-	24.979	142	1102957	13.635	ppbv	96
81) 1,2,4-Trichlorobenzene	21.944	180	1750421	11.308	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.681 min Scan# 90
Delta R.T. 0.029 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

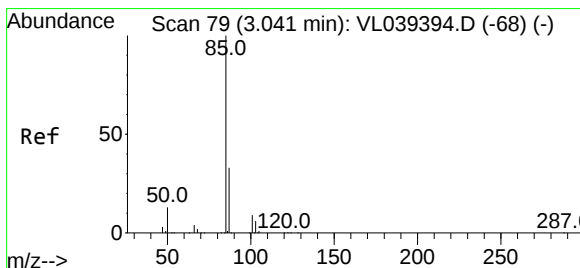
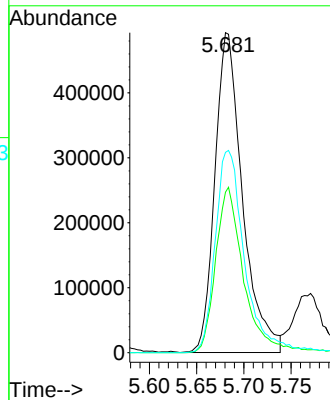
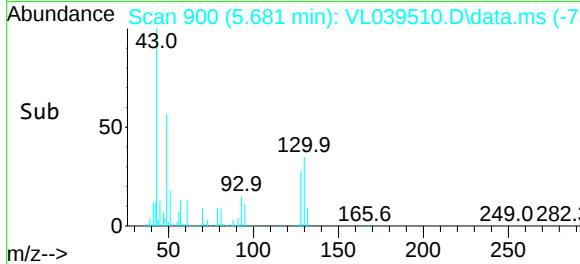
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



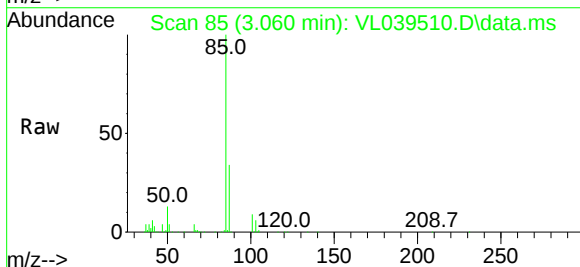
Tgt Ion: 49 Resp: 997844
Ion Ratio Lower Upper
49 100
128 53.3 26.7 80.0
130 68.0 34.3 102.8

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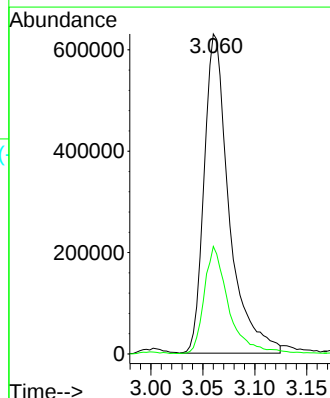
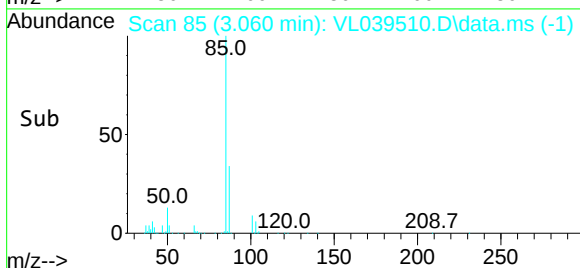
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

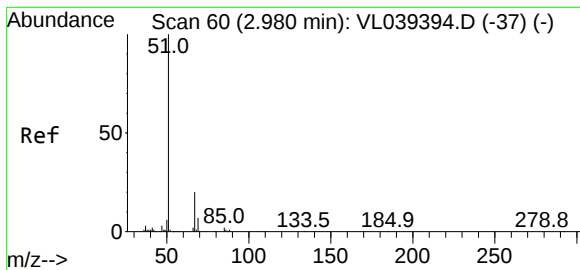


#2
Dichlorodifluoromethane
Concen: 7.312 ppbv
RT: 3.060 min Scan# 85
Delta R.T. 0.019 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37



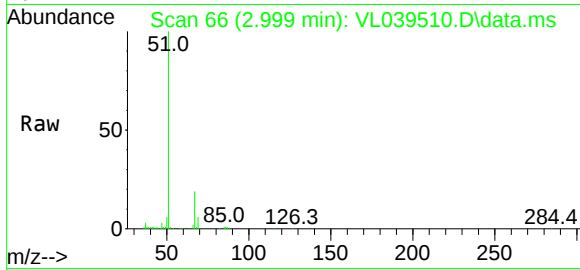
Tgt Ion: 85 Resp: 1052464
Ion Ratio Lower Upper
85 100
87 33.6 26.7 40.1





#3
Chlorodifluoromethane
Concen: 10.193 ppbv
RT: 2.999 min Scan# 60
Delta R.T. 0.019 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

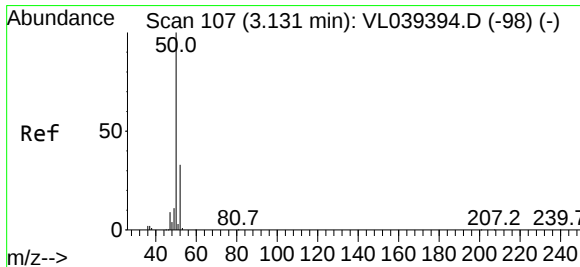
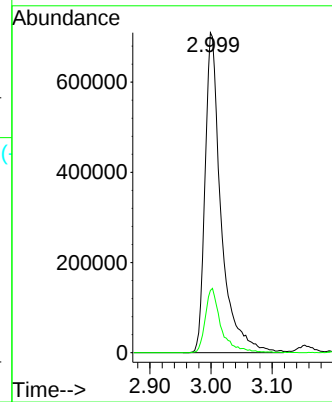
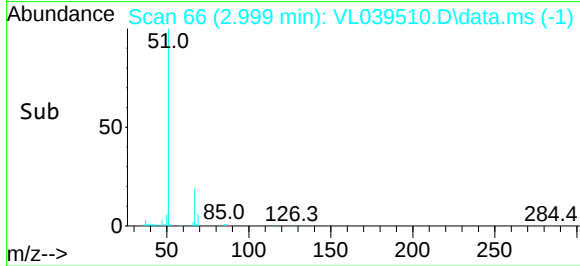
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 1290439
Ion Ratio Lower Upper
51 100
67 19.9 15.7 23.5

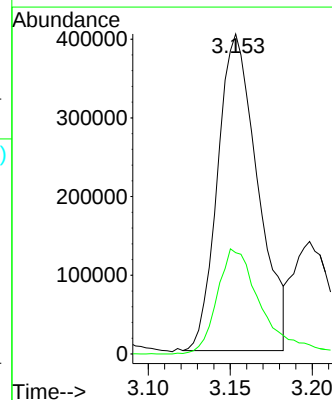
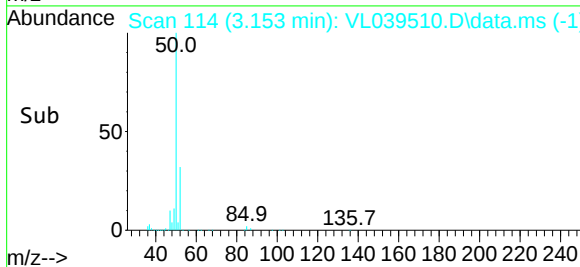
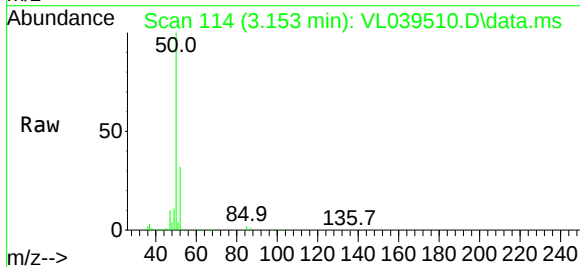
Manual Integrations
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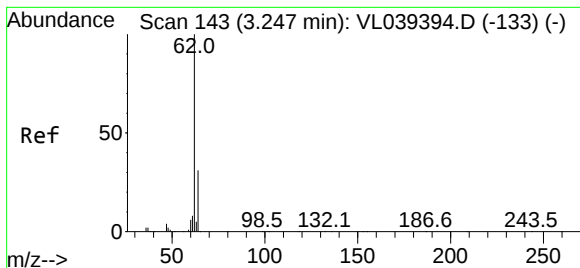
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#4
Chloromethane
Concen: 9.900 ppbv
RT: 3.153 min Scan# 114
Delta R.T. 0.022 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

Tgt Ion: 50 Resp: 685490
Ion Ratio Lower Upper
50 100
52 32.1 26.5 39.7





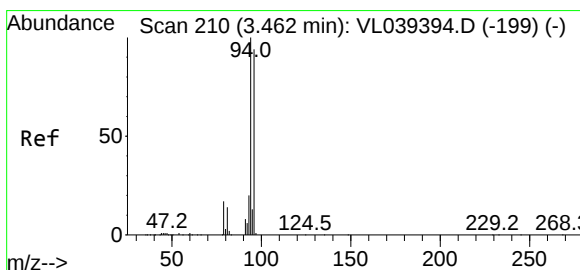
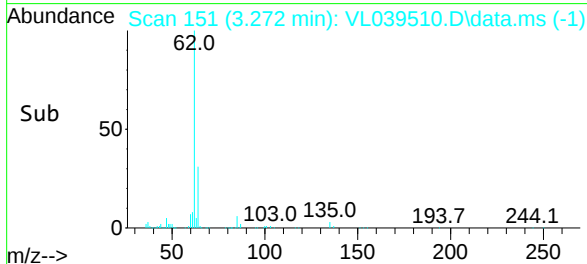
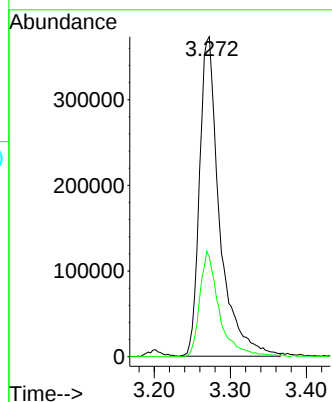
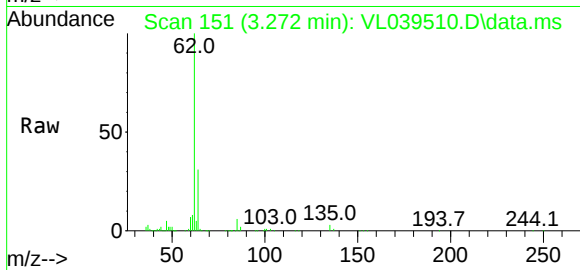
#5
 Vinyl Chloride
 Concen: 10.051 ppbv
 RT: 3.272 min Scan# 11
 Delta R.T. 0.026 min
 Lab File: VL039510.D
 Acq: 20 Jul 2022 14:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 68620
 Ion Ratio Lower Upper
 62 100
 64 31.2 24.6 36.8

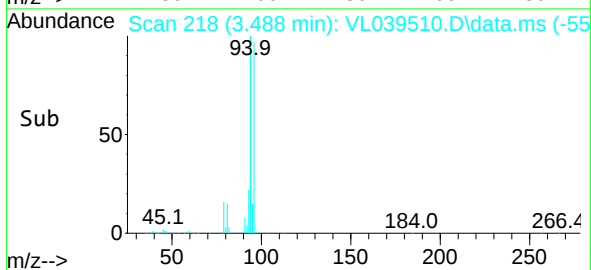
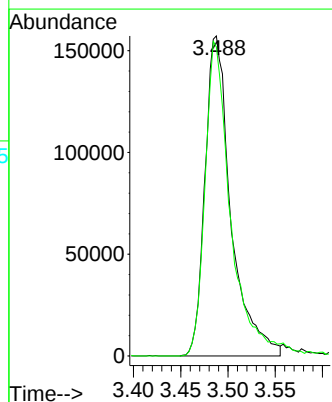
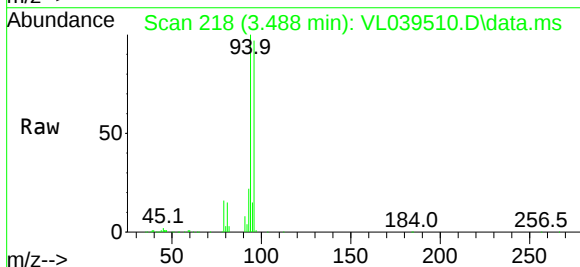
Manual Integrations
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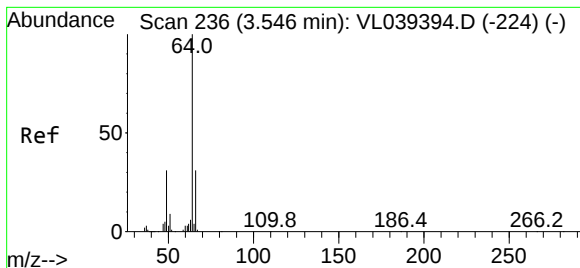
Reviewed By :Semsettin Yesilyurt 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022



#6
 Bromomethane
 Concen: 10.493 ppbv
 RT: 3.488 min Scan# 218
 Delta R.T. 0.026 min
 Lab File: VL039510.D
 Acq: 20 Jul 2022 14:37

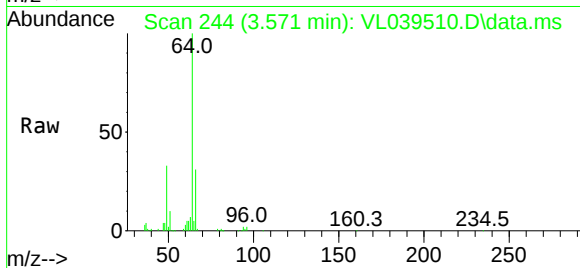
Tgt Ion: 94 Resp: 301513
 Ion Ratio Lower Upper
 94 100
 96 96.6 75.6 113.4





#7
Chloroethane
Concen: 10.663 ppbv
RT: 3.571 min Scan# 244
Delta R.T. 0.026 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

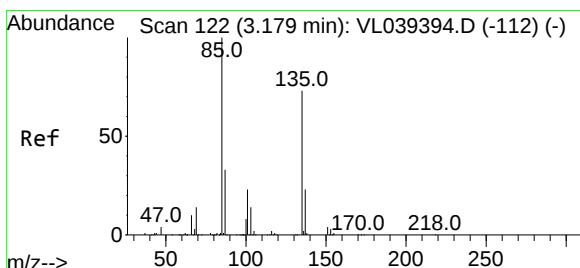
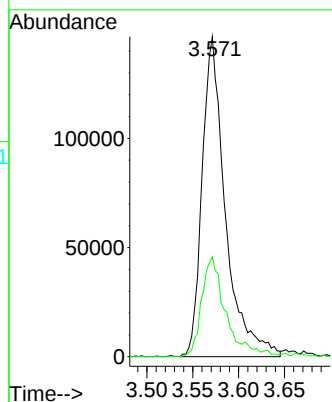
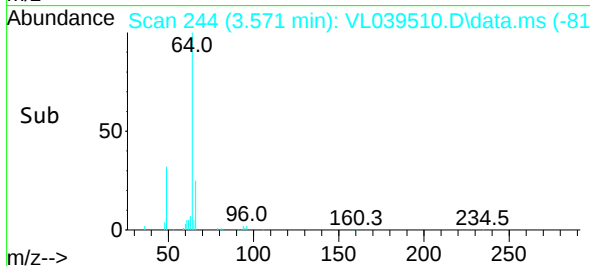
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 25893
Ion Ratio Lower Upper
64 100
66 31.2 24.7 37.1

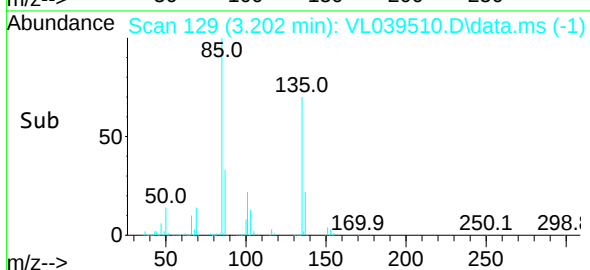
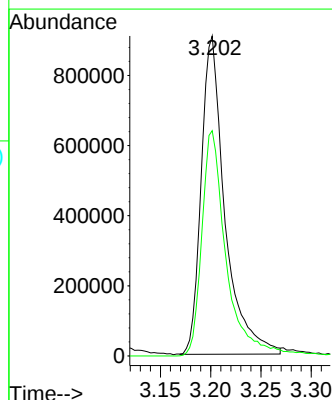
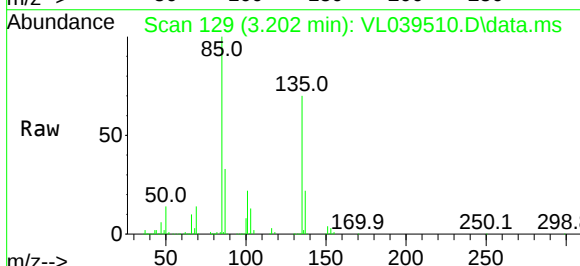
Manual Integrations
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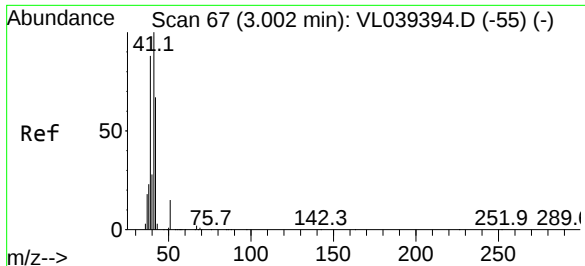
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#8
Dichlorotetrafluoroethane
Concen: 9.468 ppbv
RT: 3.202 min Scan# 129
Delta R.T. 0.022 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

Tgt Ion: 85 Resp: 1488574
Ion Ratio Lower Upper
85 100
135 73.7 59.0 88.4





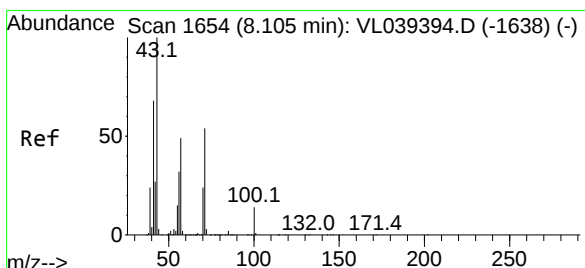
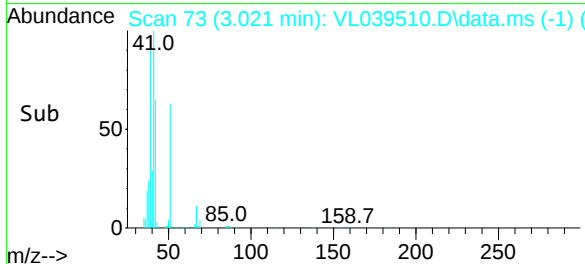
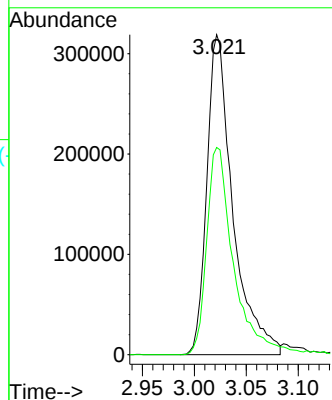
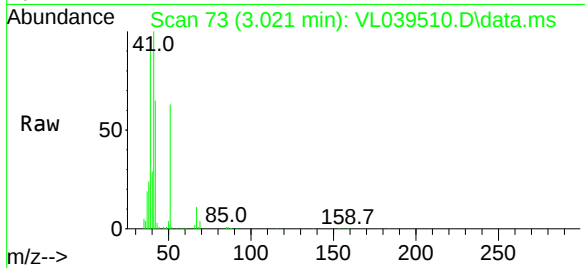
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Propene
Concen: 9.688 ppbv
RT: 3.021 min Scan# 71
Delta R.T. 0.019 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 41 Resp: 55388
Ion Ratio Lower Upper
41 100
42 68.1 55.2 82.8

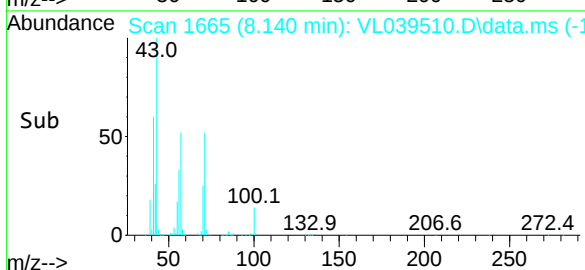
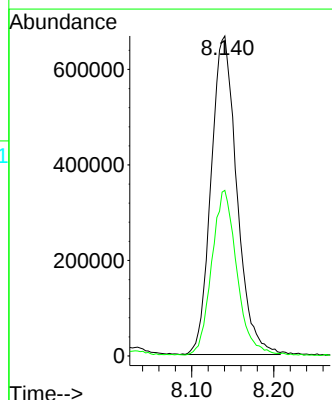
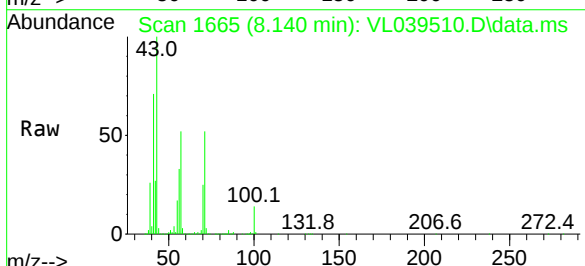
Manual Integrations
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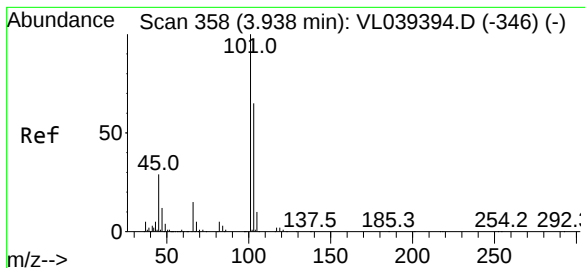
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#10
Heptane
Concen: 10.878 ppbv
RT: 8.140 min Scan# 1665
Delta R.T. 0.035 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

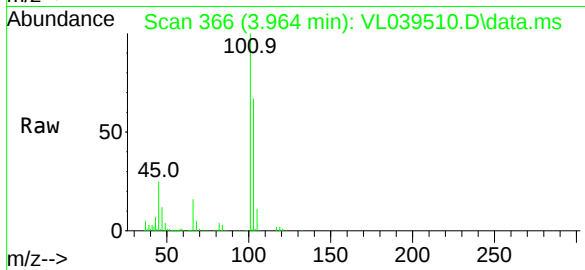
Tgt Ion: 43 Resp: 1456578
Ion Ratio Lower Upper
43 100
57 50.7 40.5 60.7





#11
Trichlorofluoromethane
Concen: 10.310 ppbv
RT: 3.964 min Scan# 30
Delta R.T. 0.026 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

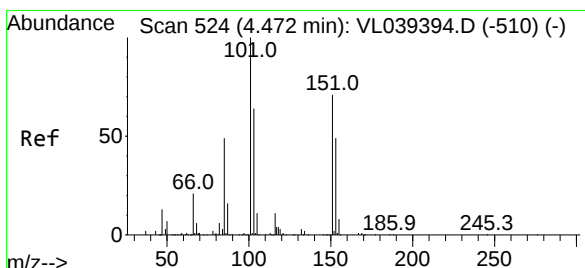
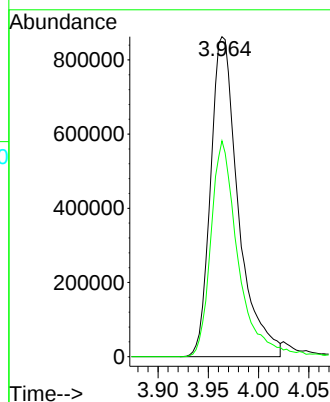
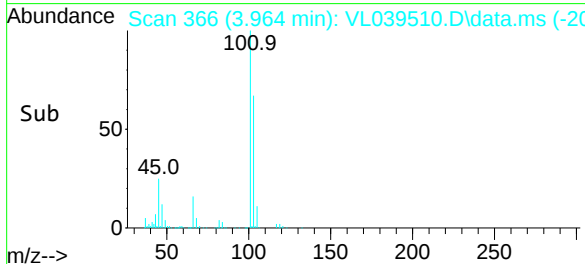
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



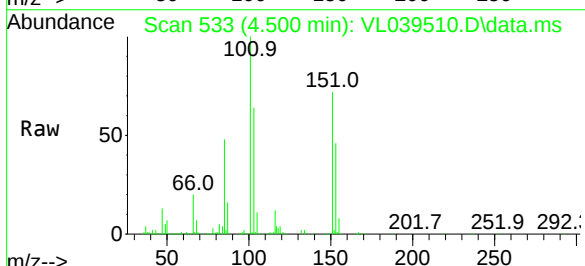
Tgt Ion:101 Resp: 165358
Ion Ratio Lower Upper
101 100
103 67.4 51.8 77.8

Manual Integrations
APPROVED

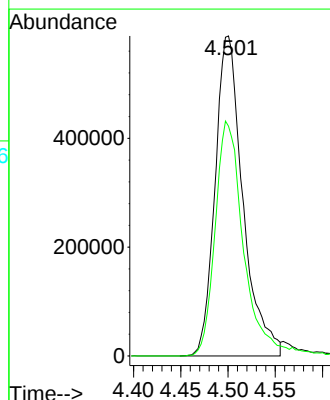
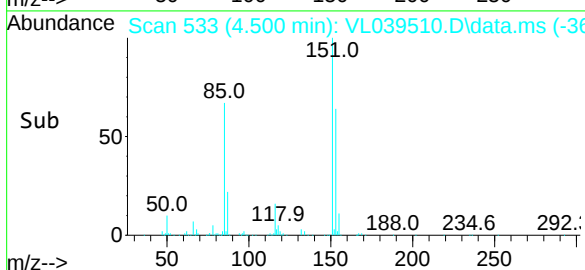
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

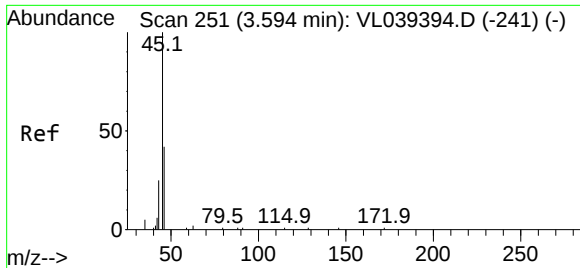


#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.061 ppbv
RT: 4.500 min Scan# 533
Delta R.T. 0.029 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37



Tgt Ion:101 Resp: 1202934
Ion Ratio Lower Upper
101 100
151 76.1 58.9 88.3





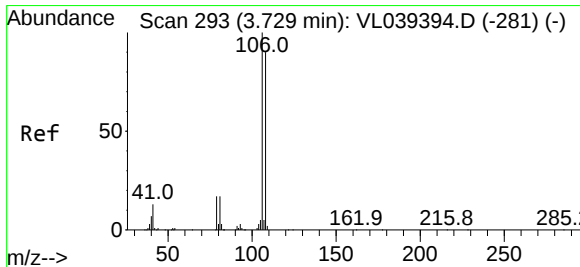
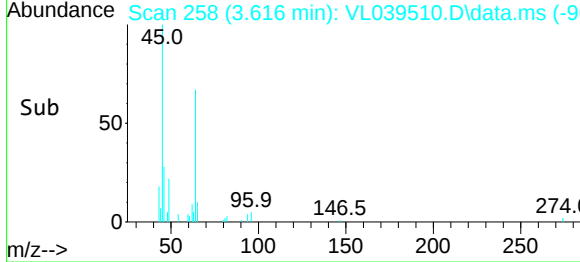
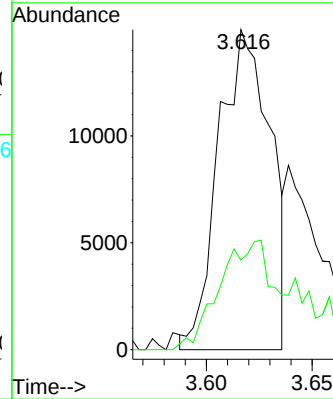
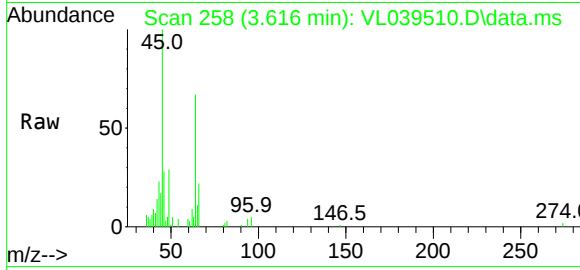
#13
Ethanol
Concen: 7.637 ppbv m
RT: 3.616 min Scan# 21
Delta R.T. 0.022 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 45 Resp: 2533
Ion Ratio Lower Upper
45 100
46 0.0 22.8 91.2

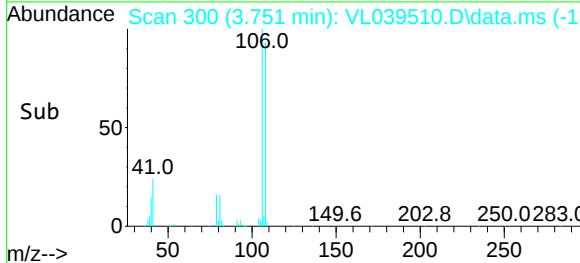
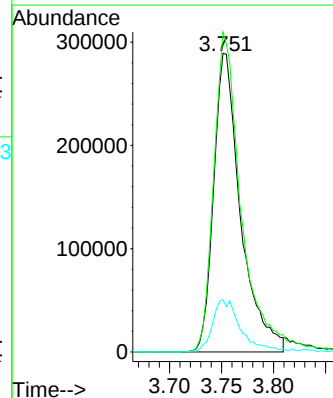
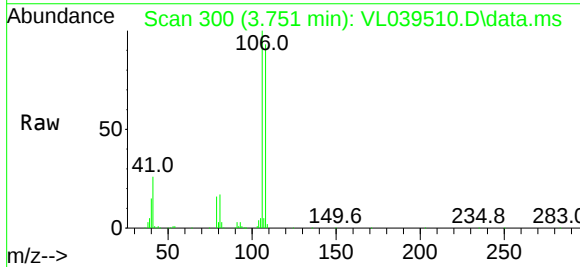
Manual Integrations
APPROVED

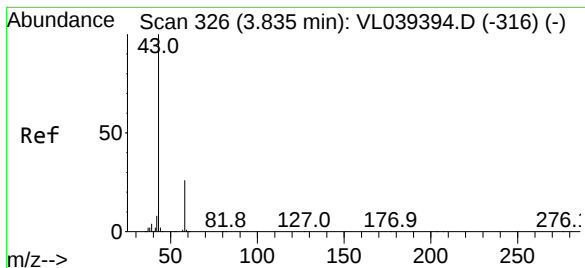
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#14
Bromoethene
Concen: 10.364 ppbv
RT: 3.751 min Scan# 300
Delta R.T. 0.022 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

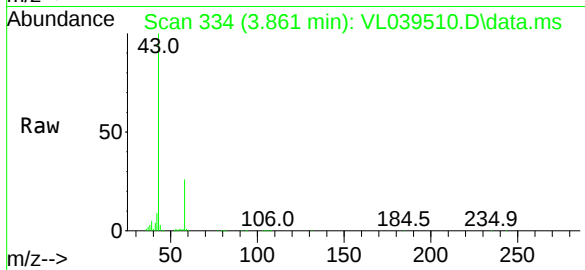
Tgt Ion:108 Resp: 520964
Ion Ratio Lower Upper
108 100
106 111.4 87.1 130.7
79 19.4 14.6 22.0





#15
Acetone
Concen: 10.399 ppbv
RT: 3.861 min Scan# 31
Delta R.T. 0.026 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

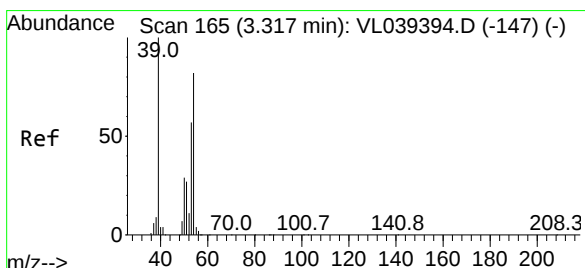
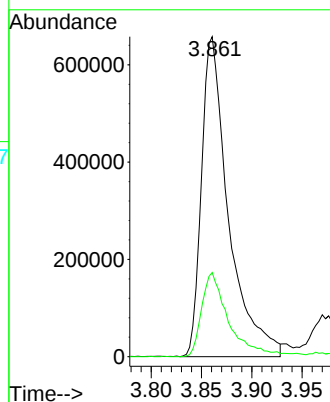
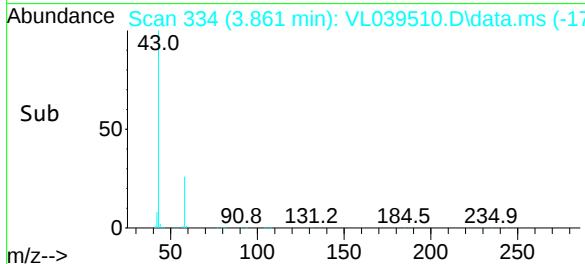
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



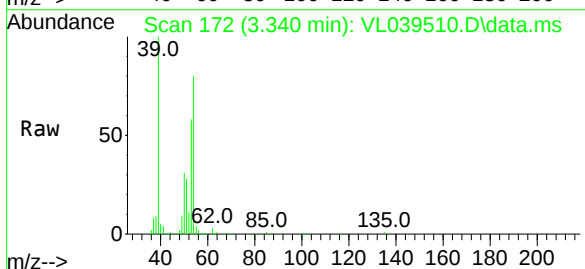
Tgt Ion: 43 Resp: 1227610
Ion Ratio Lower Upper
43 100
58 26.8 21.0 31.6

Manual Integrations
APPROVED

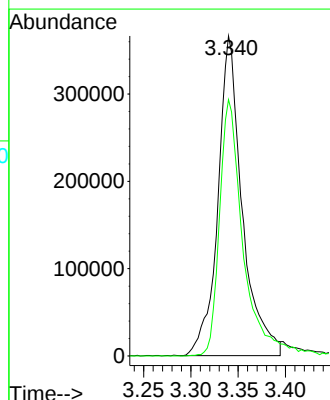
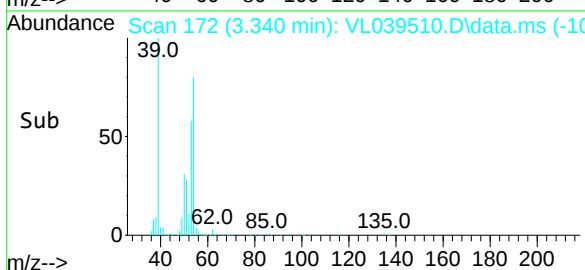
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

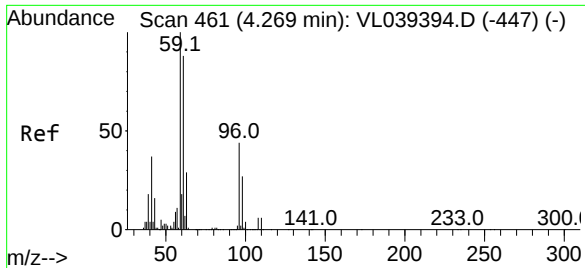


#16
1,3-Butadiene
Concen: 10.712 ppbv
RT: 3.340 min Scan# 172
Delta R.T. 0.022 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37



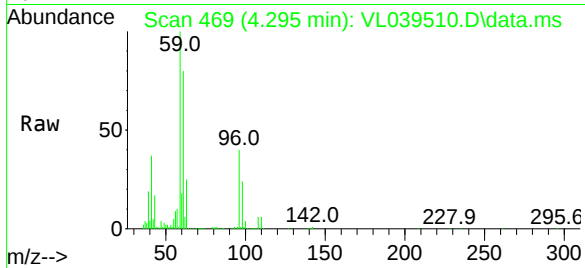
Tgt Ion: 39 Resp: 656169
Ion Ratio Lower Upper
39 100
54 78.8 63.7 95.5





#17
tert-Butyl alcohol
Concen: 11.275 ppbv
RT: 4.295 min Scan# 469
Delta R.T. 0.026 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

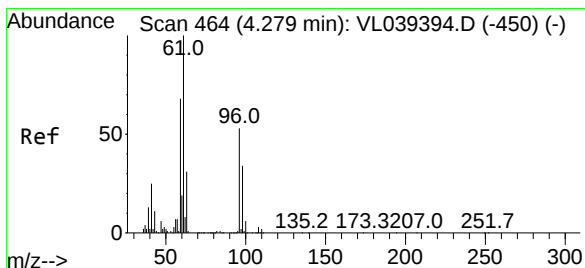
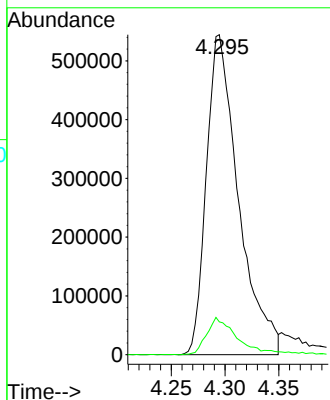
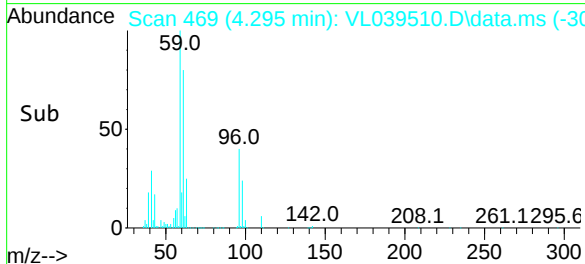
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



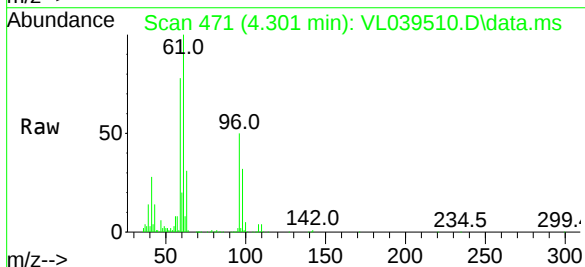
Tgt Ion: 59 Resp: 1129730
Ion Ratio Lower Upper
59 100
57 11.6 8.7 13.1

Manual Integrations
APPROVED

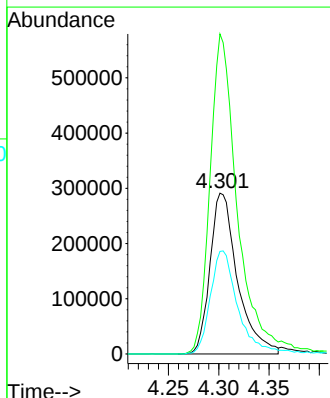
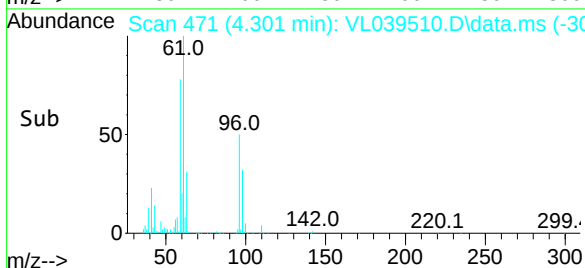
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

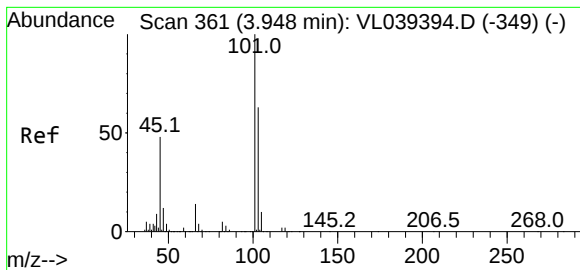


#18
1,1-Dichloroethene
Concen: 10.250 ppbv
RT: 4.301 min Scan# 471
Delta R.T. 0.022 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37



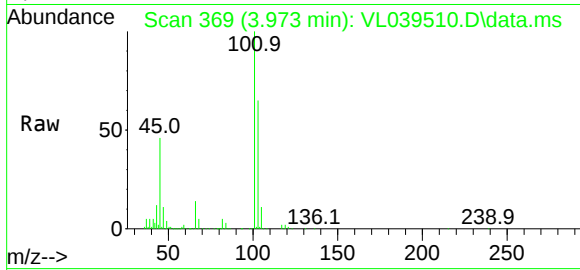
Tgt Ion: 96 Resp: 555190
Ion Ratio Lower Upper
96 100
61 198.9 152.2 228.4
98 63.7 51.8 77.6





#19
Isopropyl Alcohol
Concen: 10.168 ppbv
RT: 3.973 min Scan# 30
Delta R.T. 0.026 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

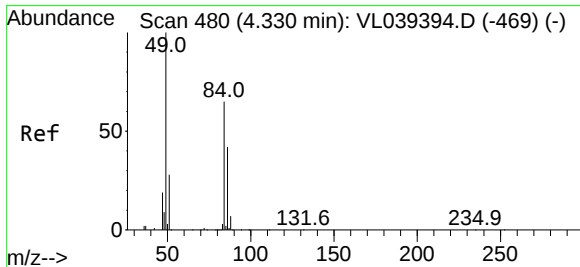
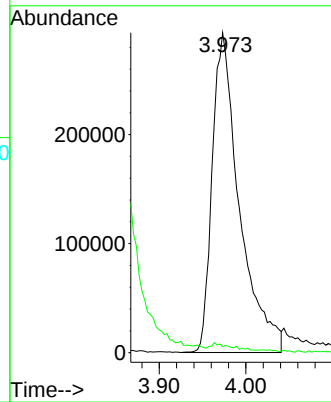
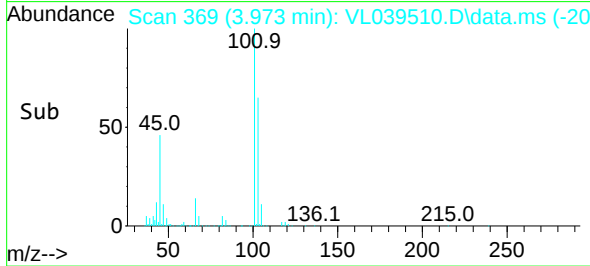
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 45 Resp: 640258
Ion Ratio Lower Upper
45 100
58 2.9 3.2 4.8

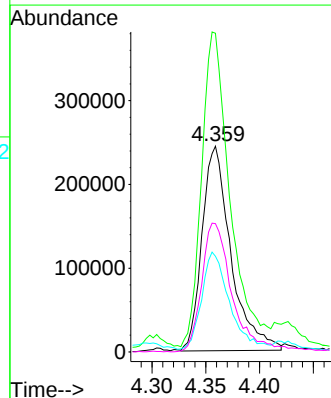
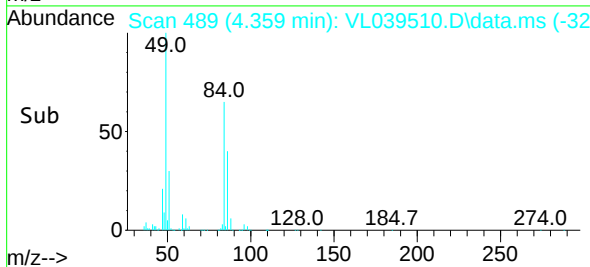
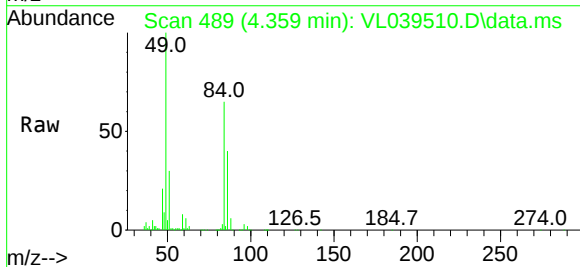
Manual Integrations
APPROVED

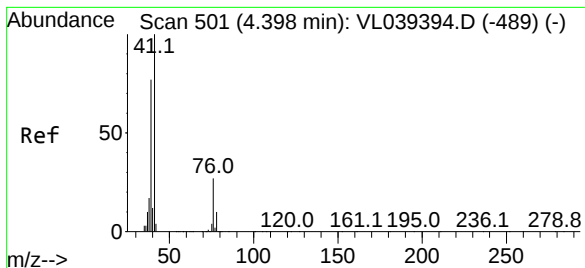
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#20
Methylene Chloride
Concen: 9.706 ppbv
RT: 4.359 min Scan# 489
Delta R.T. 0.029 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

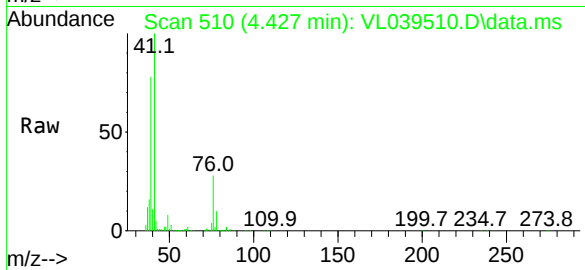
Tgt Ion: 84 Resp: 456702
Ion Ratio Lower Upper
84 100
49 153.6 123.1 184.7
51 45.4 34.4 51.6
86 62.4 51.1 76.7





#21
 Allyl Chloride
 Concen: 10.507 ppbv
 RT: 4.427 min Scan# 510
 Delta R.T. 0.029 min
 Lab File: VL039510.D
 Acq: 20 Jul 2022 14:37

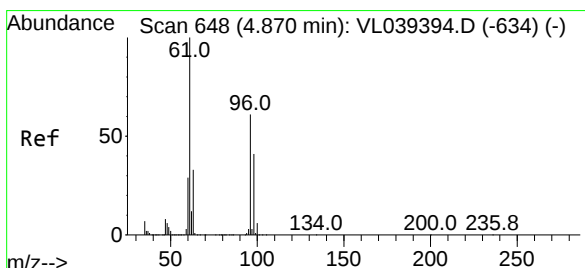
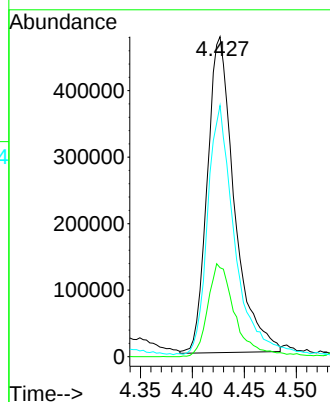
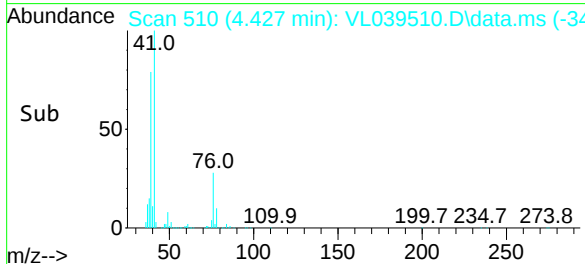
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



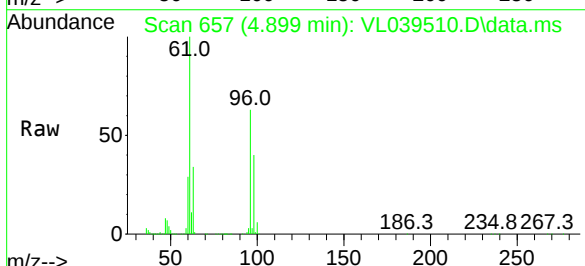
Tgt Ion: 41 Resp: 859110
 Ion Ratio Lower Upper
 41 100
 76 29.9 24.4 36.6
 39 79.9 63.5 95.3

Manual Integrations
 APPROVED

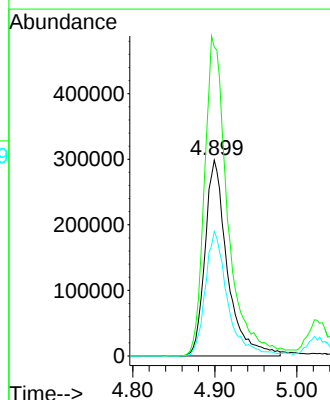
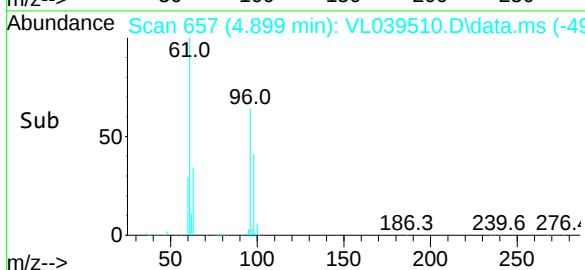
Reviewed By :Semsettin Yesilyurt 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022

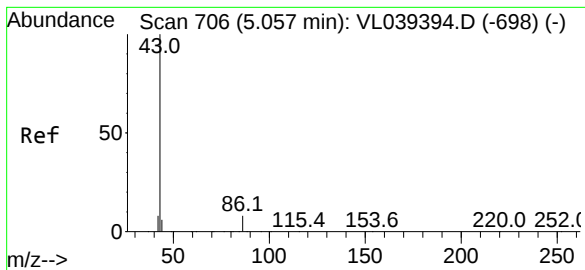


#22
 trans-1,2-Dichloroethene
 Concen: 10.770 ppbv
 RT: 4.899 min Scan# 657
 Delta R.T. 0.029 min
 Lab File: VL039510.D
 Acq: 20 Jul 2022 14:37



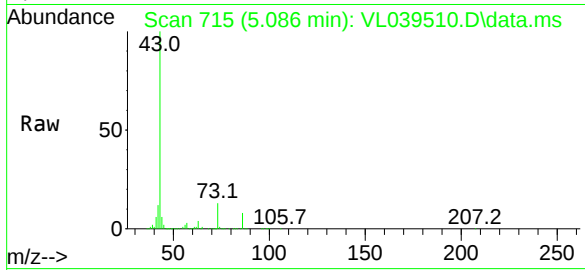
Tgt Ion: 96 Resp: 564709
 Ion Ratio Lower Upper
 96 100
 61 157.7 130.6 195.8
 98 63.6 53.4 80.0





#23
 Vinyl Acetate
 Concen: 11.712 ppbv
 RT: 5.086 min Scan# 715
 Delta R.T. 0.029 min
 Lab File: VL039510.D
 Acq: 20 Jul 2022 14:37

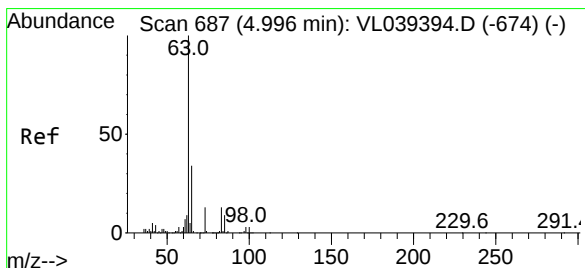
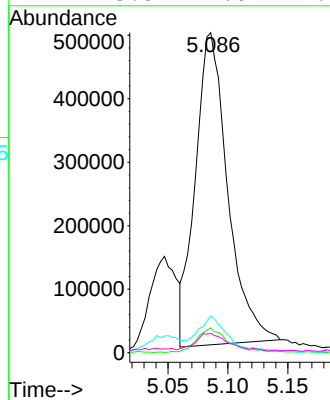
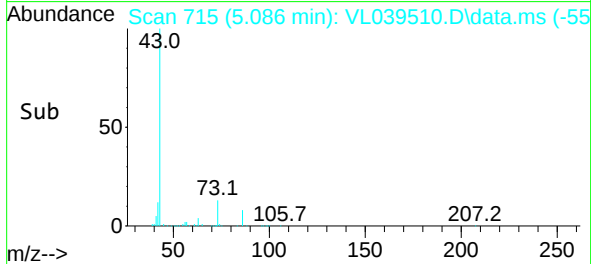
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



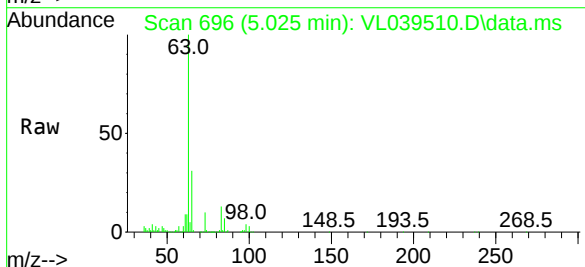
Tgt Ion: 43 Resp: 923960
 Ion Ratio Lower Upper
 43 100
 86 7.7 5.0 7.6
 42 11.2 7.7 11.5
 44 5.8 4.6 7.0

Manual Integrations
 APPROVED

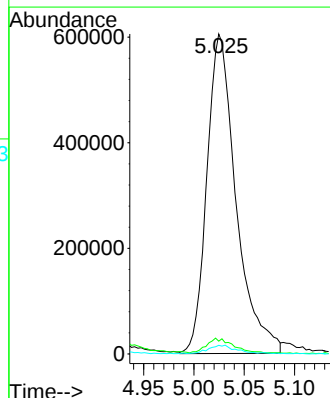
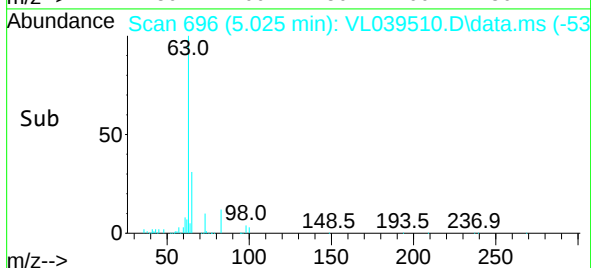
Reviewed By :Semsettin Yesilyurt 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022

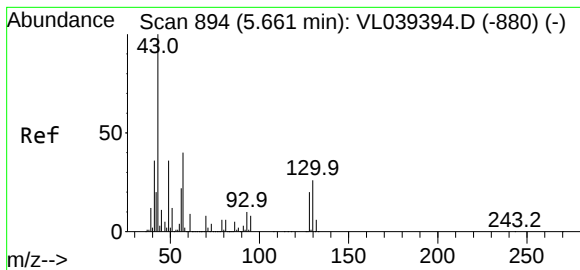


#24
 1,1-Dichloroethane
 Concen: 10.974 ppbv
 RT: 5.025 min Scan# 696
 Delta R.T. 0.029 min
 Lab File: VL039510.D
 Acq: 20 Jul 2022 14:37



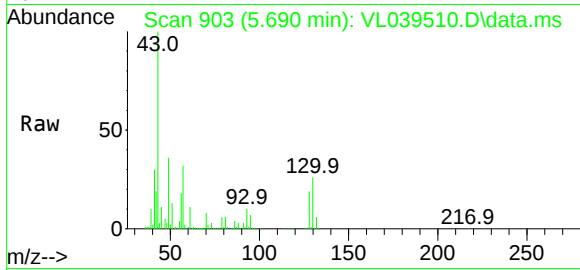
Tgt Ion: 63 Resp: 1222780
 Ion Ratio Lower Upper
 63 100
 98 3.7 1.8 5.3
 100 2.6 1.5 4.4





#25
Ethyl Acetate
Concen: 10.938 ppbv
RT: 5.690 min Scan# 903
Delta R.T. 0.029 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

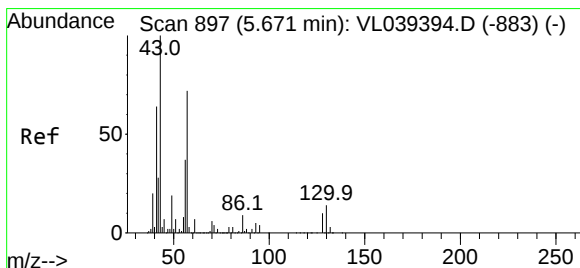
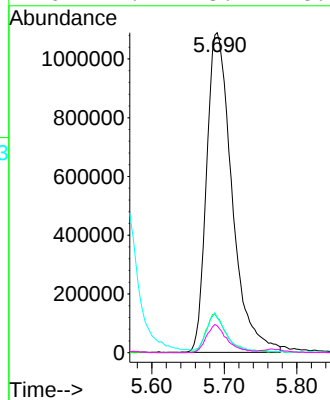
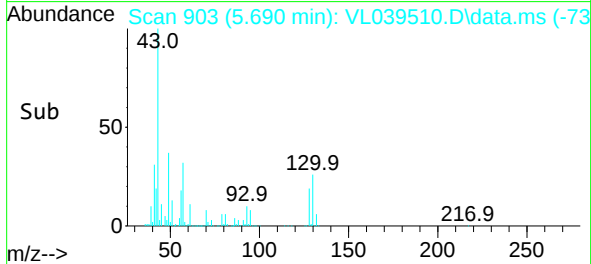


Tgt Ion: 43 Resp: 264766

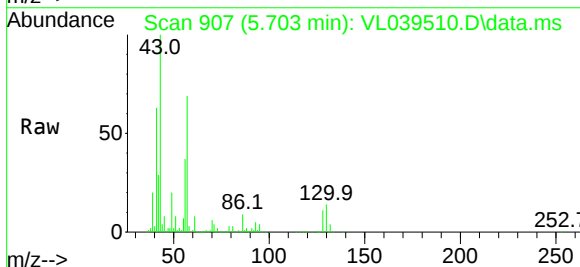
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.2	12.4
61	10.0	8.3	12.5
70	7.1	5.9	8.9

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

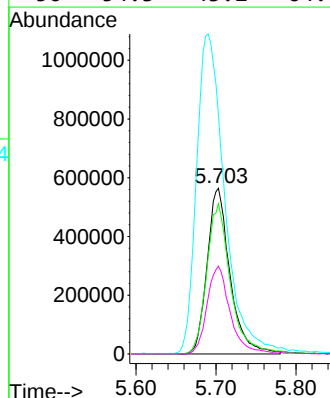
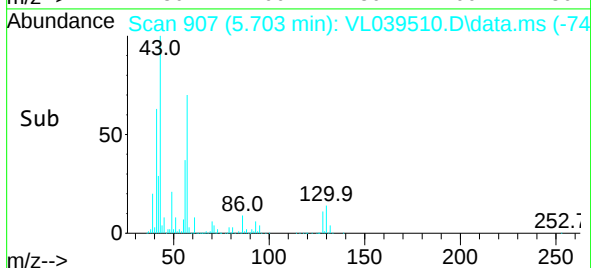


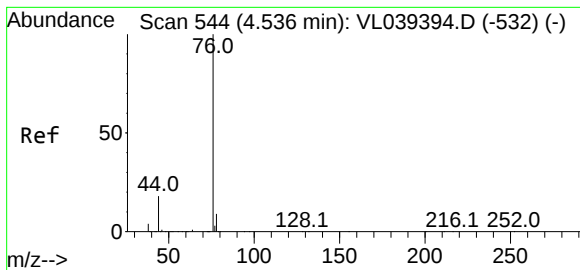
#26
Hexane
Concen: 11.497 ppbv
RT: 5.703 min Scan# 907
Delta R.T. 0.032 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37



Tgt Ion: 57 Resp: 1121774

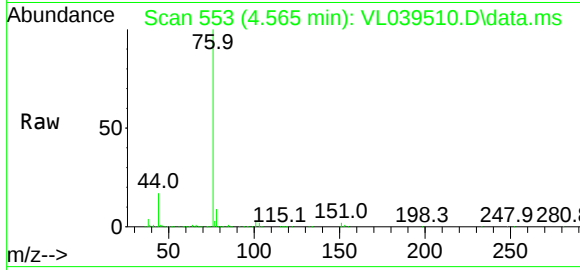
Ion	Ratio	Lower	Upper
57	100		
41	94.8	76.9	115.3
43	239.5	191.0	286.6
56	54.3	43.2	64.8





#27
Carbon Disulfide
Concen: 11.453 ppbv
RT: 4.565 min Scan# 51
Delta R.T. 0.029 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

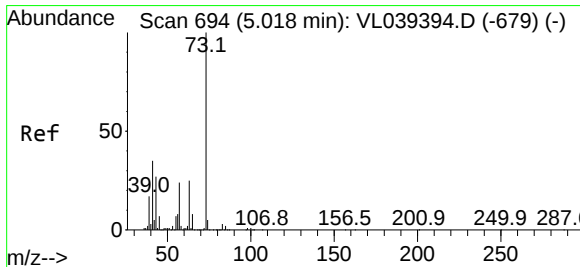
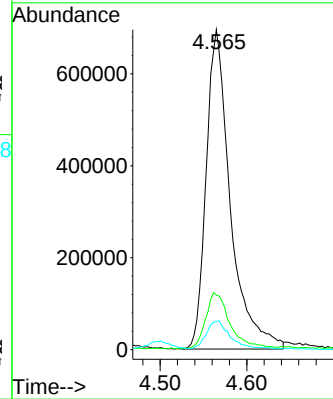
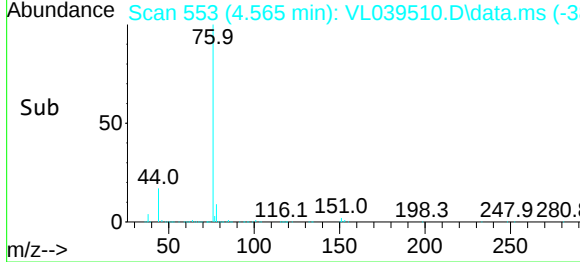
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



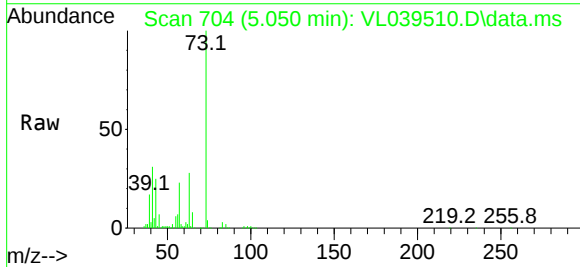
Tgt Ion: 76 Resp: 134888
Ion Ratio Lower Upper
76 100
44 18.2 14.6 21.8
78 9.6 7.8 11.6

Manual Integrations
APPROVED

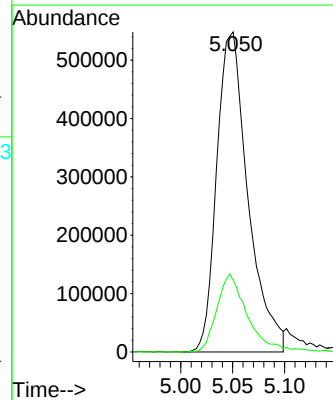
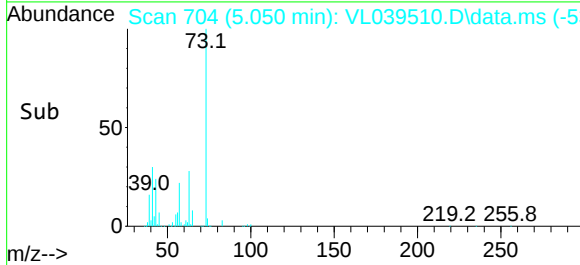
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

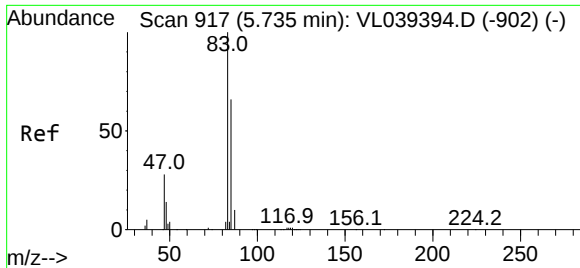


#28
Methyl tert-Butyl Ether
Concen: 10.998 ppbv
RT: 5.050 min Scan# 704
Delta R.T. 0.032 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37



Tgt Ion: 73 Resp: 1147363
Ion Ratio Lower Upper
73 100
57 24.4 19.8 29.8





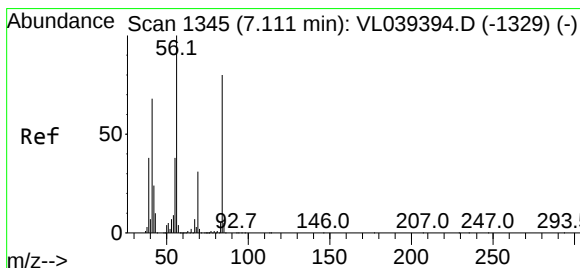
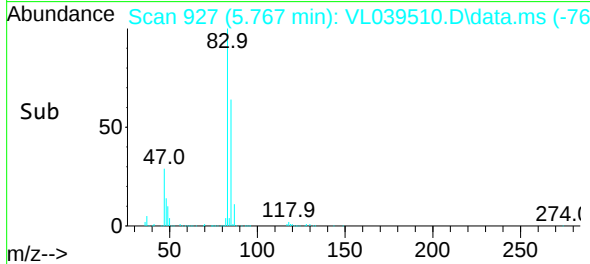
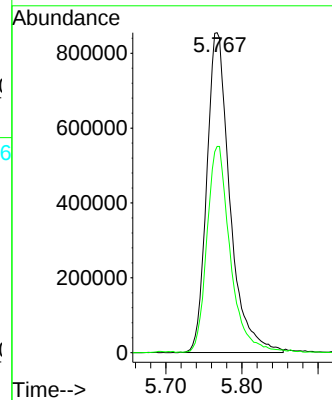
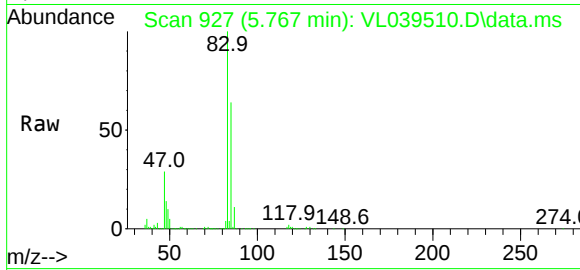
#29
Chloroform
Concen: 10.640 ppbv
RT: 5.767 min Scan# 917
Delta R.T. 0.032 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 1805230
Ion Ratio Lower Upper
83 100
85 64.4 52.8 79.2

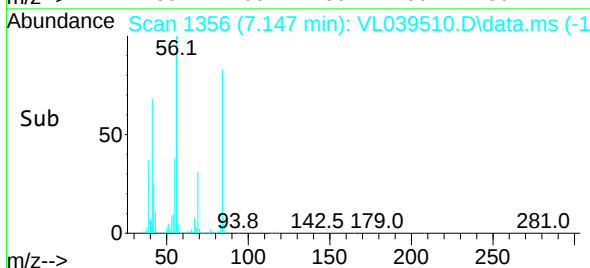
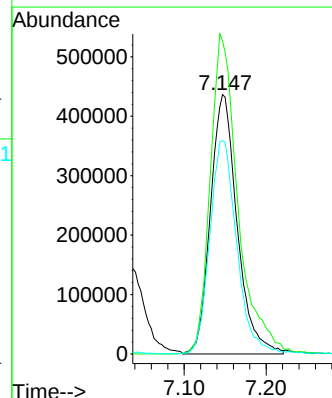
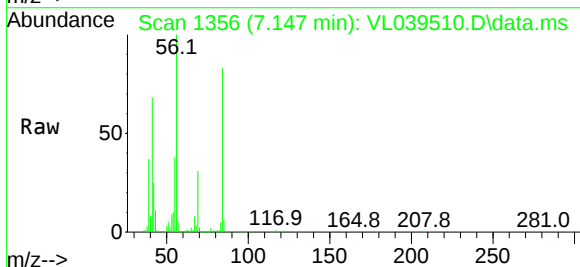
Manual Integrations
APPROVED

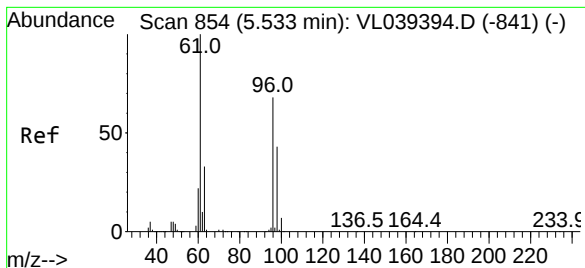
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#30
Cyclohexane
Concen: 11.100 ppbv
RT: 7.147 min Scan# 1356
Delta R.T. 0.035 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

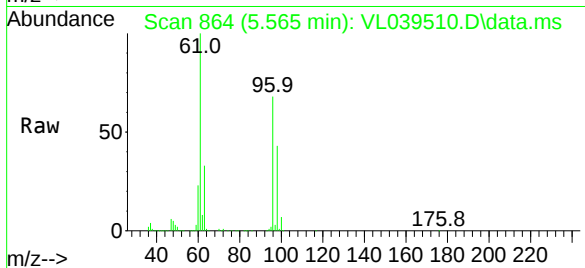
Tgt Ion: 84 Resp: 986067
Ion Ratio Lower Upper
84 100
56 129.1 107.7 161.5
41 83.5 67.7 101.5





#31
cis-1,2-Dichloroethene
Concen: 10.970 ppbv
RT: 5.565 min Scan# 80
Delta R.T. 0.032 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

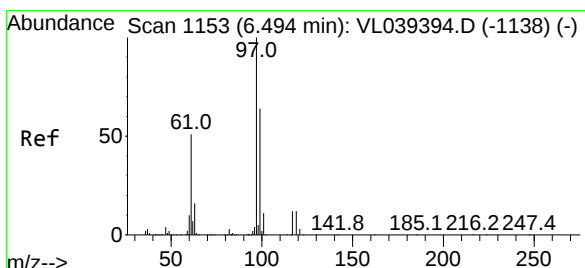
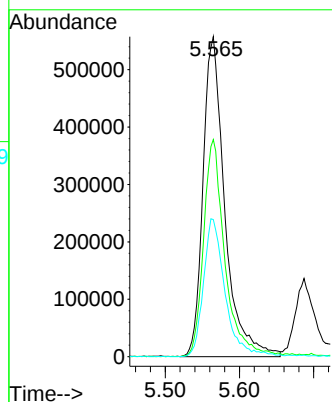
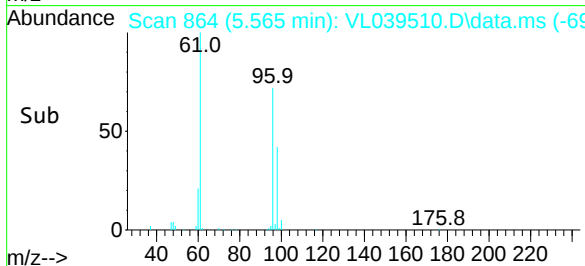
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



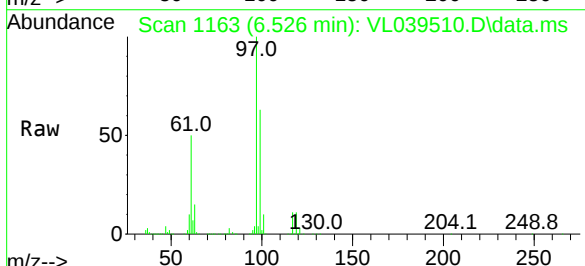
Tgt Ion: 61 Resp: 1135699
Ion Ratio Lower Upper
61 100
96 67.8 54.1 81.1
98 42.8 34.6 52.0

Manual Integrations
APPROVED

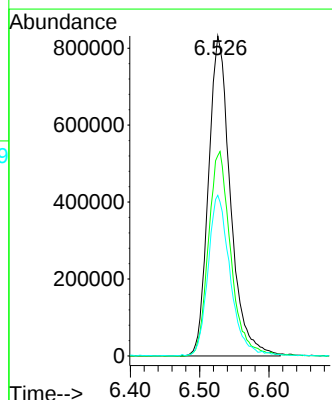
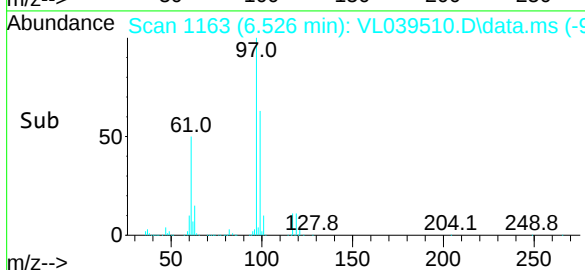
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

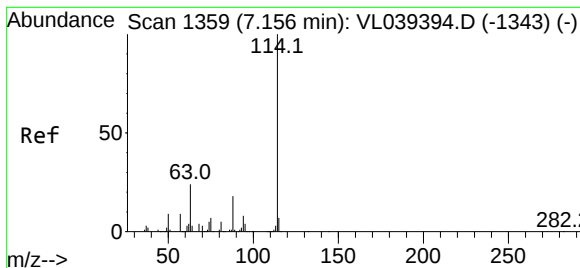


#32
1,1,1-Trichloroethane
Concen: 10.920 ppbv
RT: 6.526 min Scan# 1163
Delta R.T. 0.032 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37



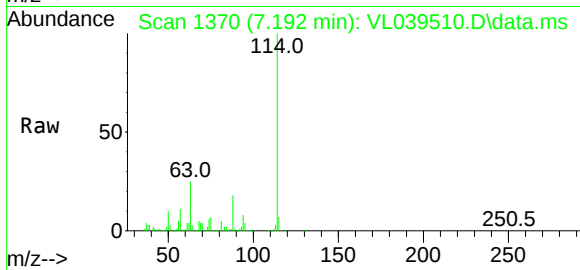
Tgt Ion: 97 Resp: 1828759
Ion Ratio Lower Upper
97 100
99 65.2 52.3 78.5
61 51.2 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.192 min Scan# 114
Delta R.T. 0.035 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

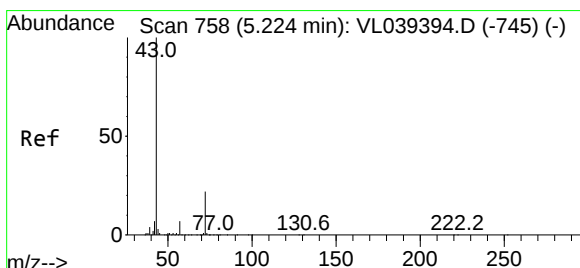
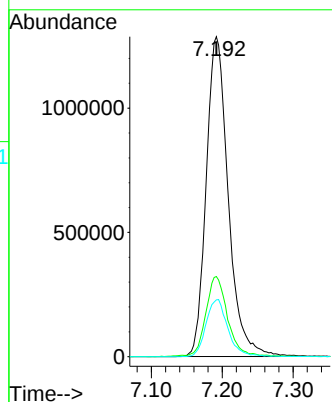
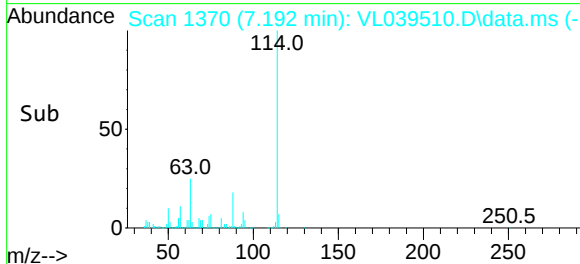
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:114 Resp: 278022
Ion Ratio Lower Upper
114 100
63 25.2 20.2 30.4
88 17.9 14.5 21.7

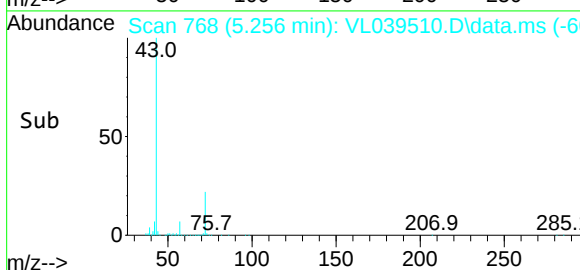
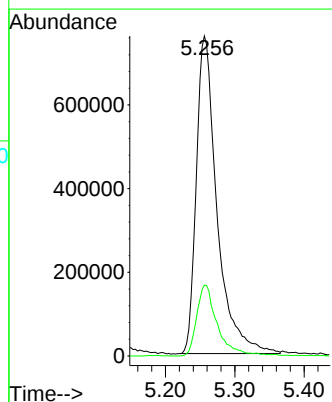
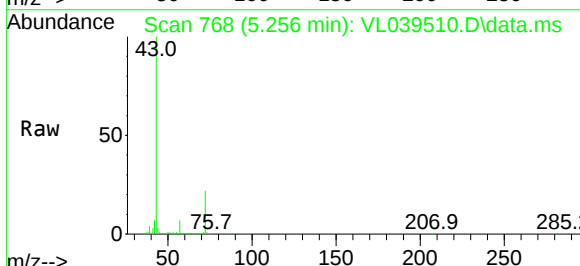
Manual Integrations
APPROVED

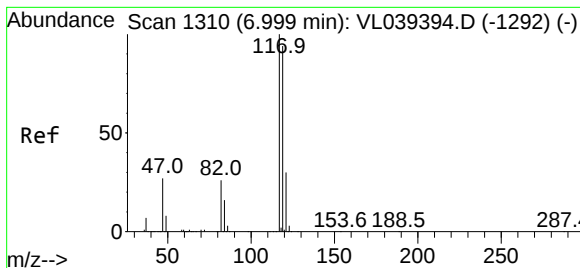
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#34
2-Butanone
Concen: 11.272 ppbv
RT: 5.256 min Scan# 768
Delta R.T. 0.032 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

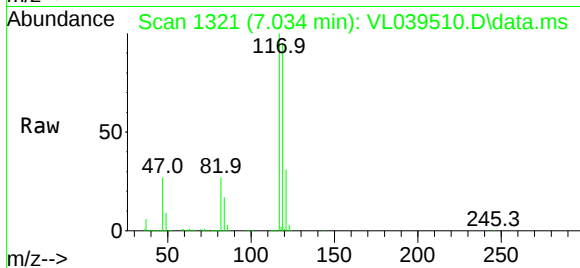
Tgt Ion: 43 Resp: 1577538
Ion Ratio Lower Upper
43 100
72 22.7 17.9 26.9





#35
Carbon Tetrachloride
Concen: 11.446 ppbv
RT: 7.034 min Scan# 11
Delta R.T. 0.035 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

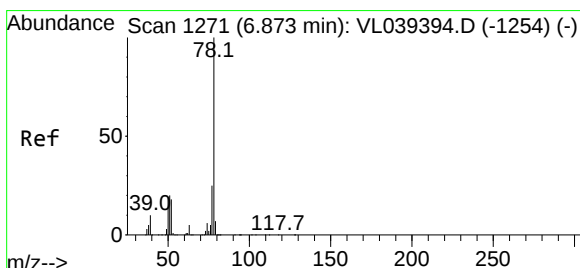
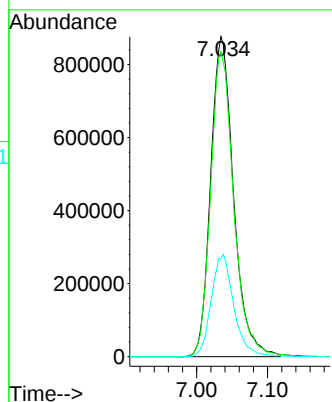
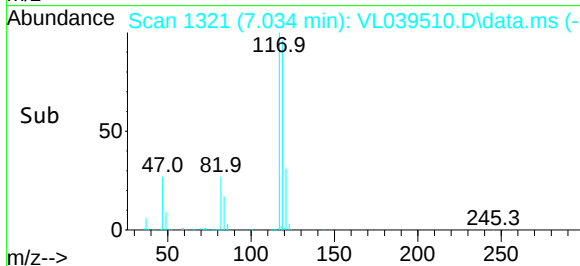
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 1966369
Ion Ratio Lower Upper
117 100
119 95.4 75.4 113.2
121 30.8 24.2 36.2

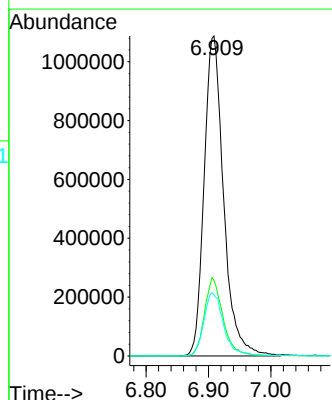
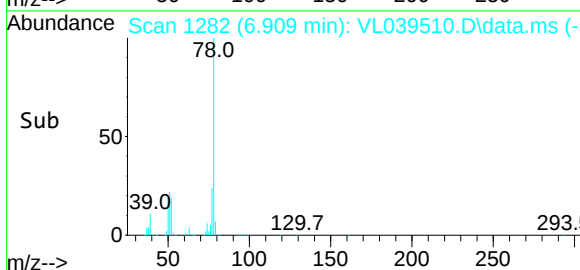
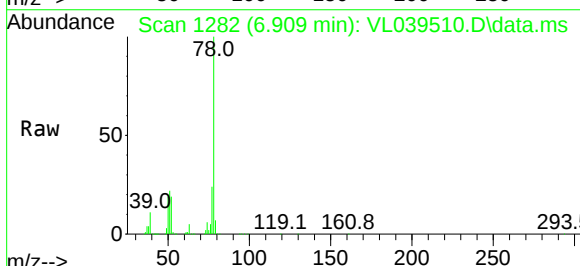
Manual Integrations
APPROVED

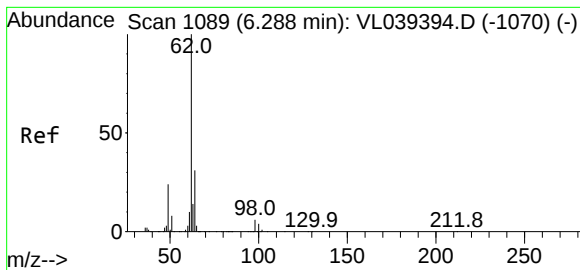
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#36
Benzene
Concen: 10.962 ppbv
RT: 6.909 min Scan# 1282
Delta R.T. 0.035 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

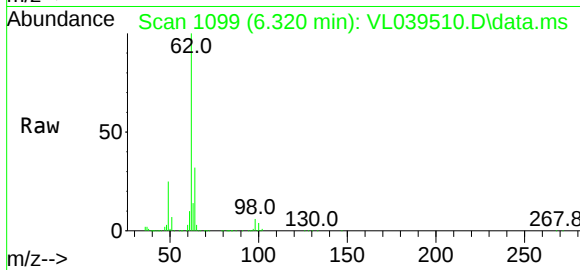
Tgt Ion: 78 Resp: 2358692
Ion Ratio Lower Upper
78 100
77 23.6 20.3 30.5
50 19.2 15.5 23.3





#37
1,2-Dichloroethane
Concen: 10.996 ppbv
RT: 6.320 min Scan# 1089
Delta R.T. 0.032 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

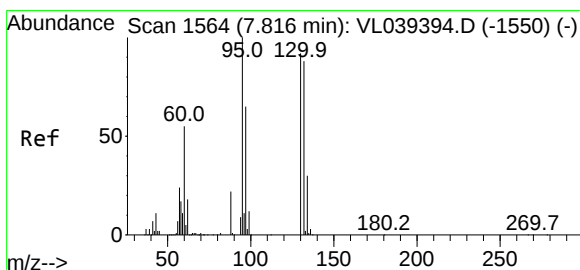
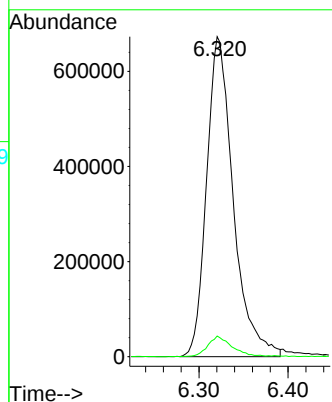
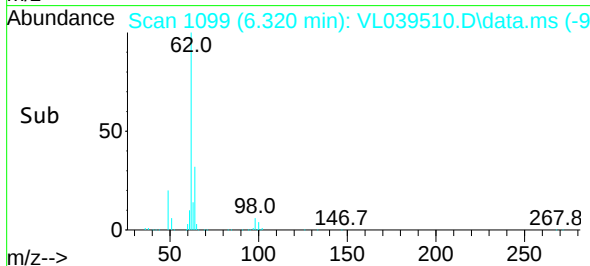
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



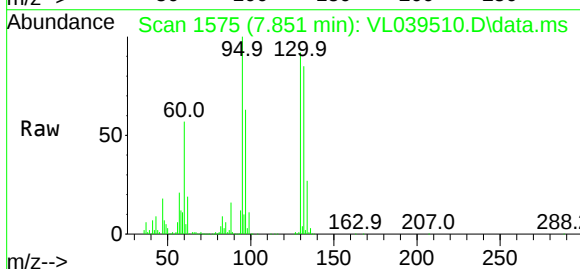
Tgt Ion: 62 Resp: 139656
Ion Ratio Lower Upper
62 100
98 6.1 5.1 7.7

Manual Integrations
APPROVED

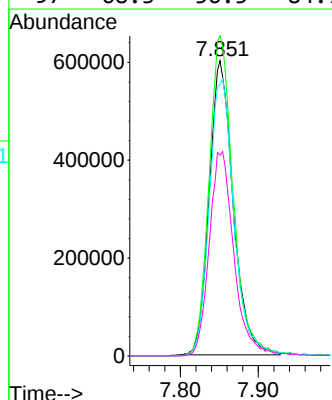
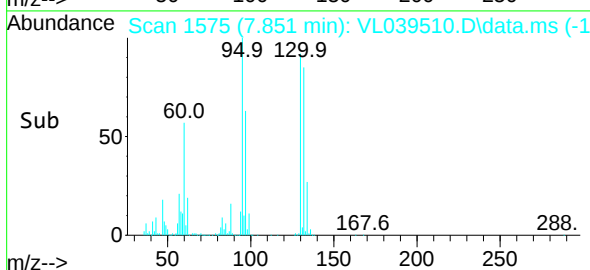
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

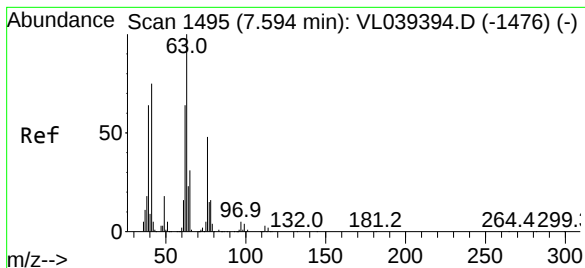


#38
Trichloroethene
Concen: 10.971 ppbv
RT: 7.851 min Scan# 1575
Delta R.T. 0.035 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37



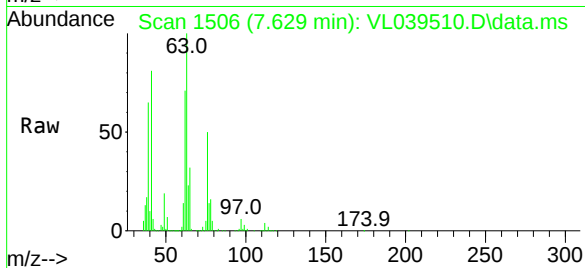
Tgt Ion:130 Resp: 1276763
Ion Ratio Lower Upper
130 100
95 108.7 87.3 130.9
132 92.4 76.7 115.1
97 68.3 56.5 84.7





#39
1,2-Dichloropropane
Concen: 10.625 ppbv
RT: 7.629 min Scan# 1506
Delta R.T. 0.035 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

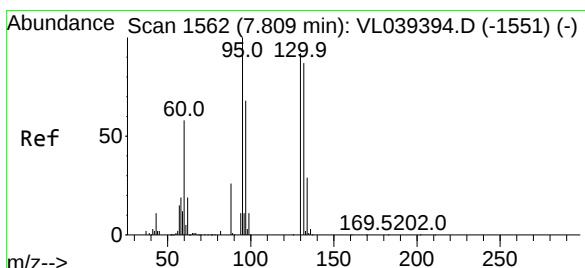
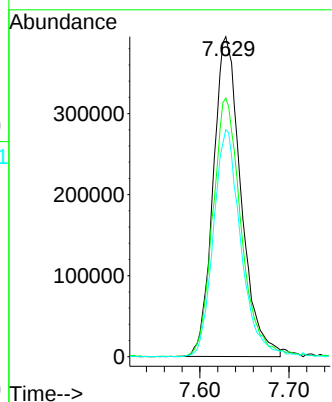
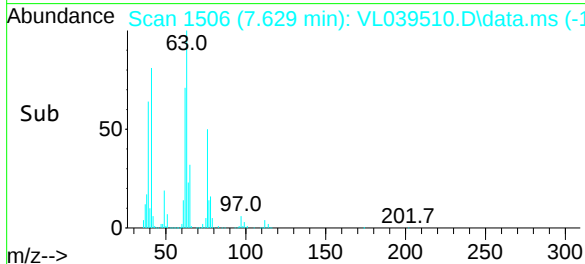
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



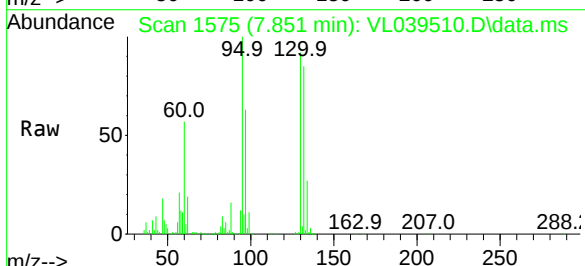
Tgt Ion: 63 Resp: 85411
Ion Ratio Lower Upper
63 100
41 80.7 59.6 89.4
62 71.0 51.4 77.0

Manual Integrations
APPROVED

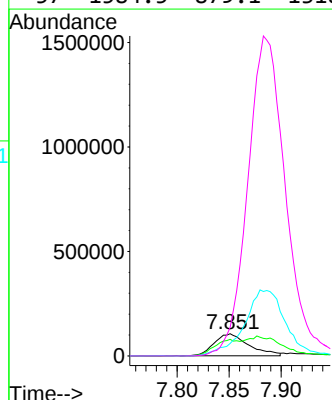
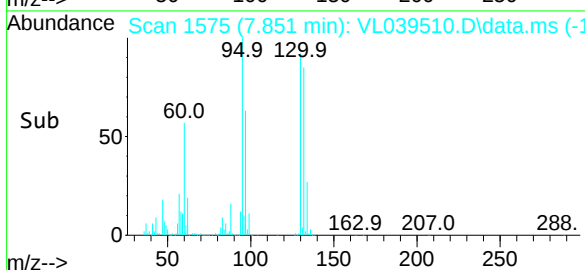
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

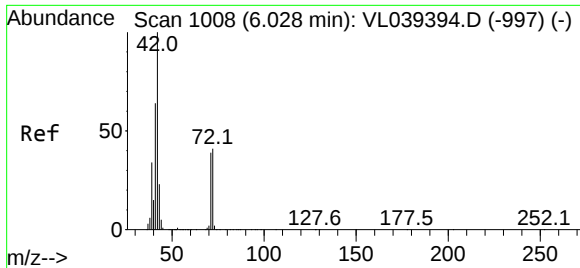


#40
1,4-Dioxane
Concen: 7.668 ppbv
RT: 7.851 min Scan# 1575
Delta R.T. 0.042 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37



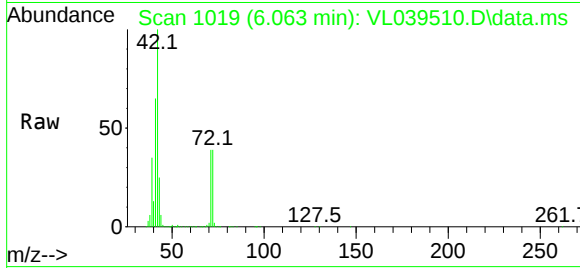
Tgt Ion: 88 Resp: 245628
Ion Ratio Lower Upper
88 100
58 154.8 100.2 150.4#
43 358.6 205.8 308.6#
57 1584.5 879.1 1318.7#





#41
Tetrahydrofuran
Concen: 11.391 ppbv
RT: 6.063 min Scan# 1019
Delta R.T. 0.035 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

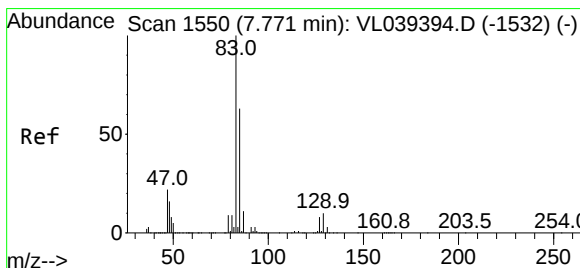
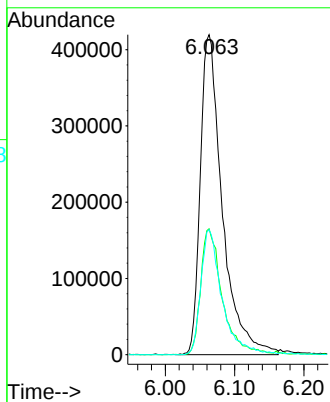
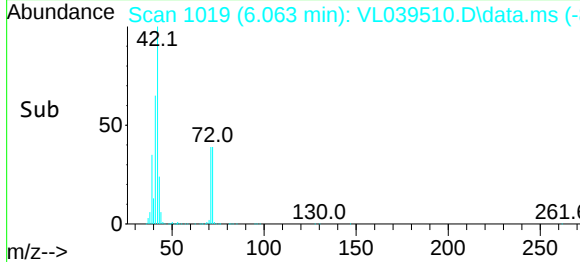
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



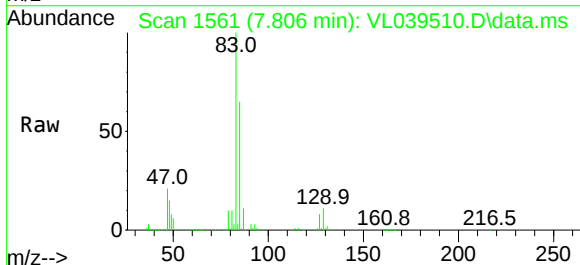
Tgt Ion: 42 Resp: 923818
Ion Ratio Lower Upper
42 100
72 39.1 31.8 47.8
71 37.8 31.8 47.8

Manual Integrations
APPROVED

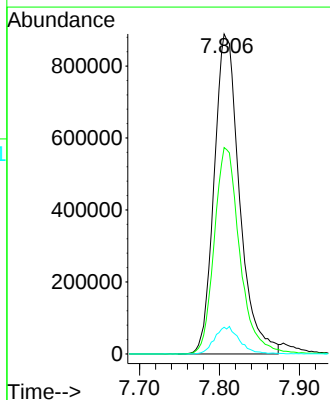
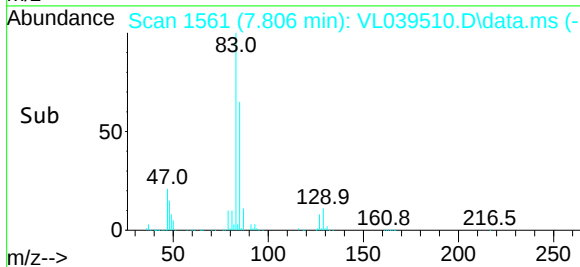
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

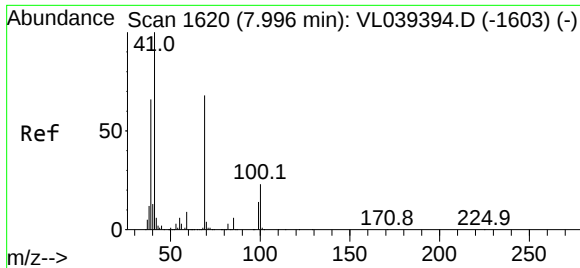


#42
Bromodichloromethane
Concen: 11.418 ppbv
RT: 7.806 min Scan# 1561
Delta R.T. 0.035 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37



Tgt Ion: 83 Resp: 1955313
Ion Ratio Lower Upper
83 100
85 64.5 50.7 76.1
127 8.4 6.6 9.8





#43

Methyl Methacrylate

Concen: 11.716 ppbv

RT: 8.031 min Scan# 1

Delta R.T. 0.035 min

Lab File: VL039510.D

Acq: 20 Jul 2022 14:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

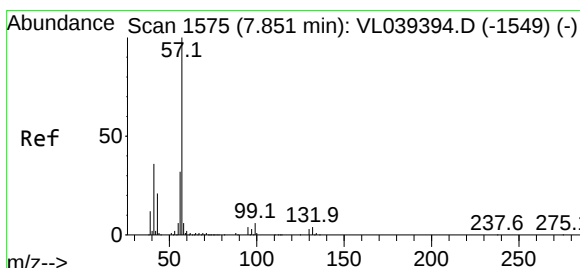
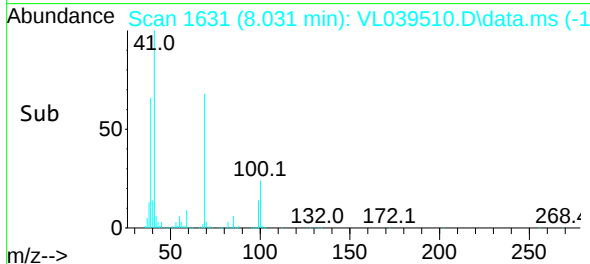
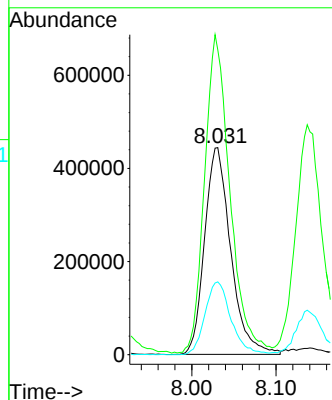
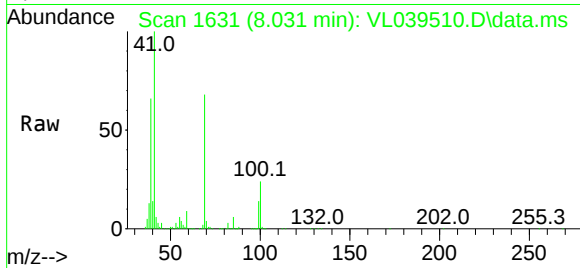
Tgt Ion: 69 Resp: 958558

Ion	Ratio	Lower	Upper
69	100		
41	150.5	120.8	181.2
100	35.1	27.8	41.6

Manual Integrations

APPROVED

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



#44

2,2,4-Trimethylpentane

Concen: 10.657 ppbv

RT: 7.883 min Scan# 1585

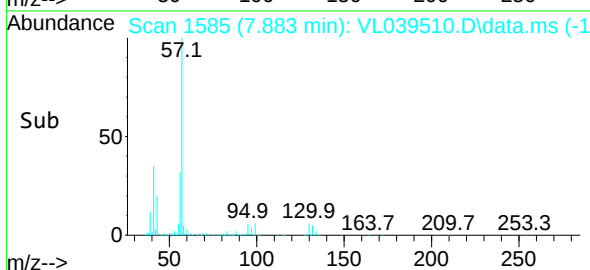
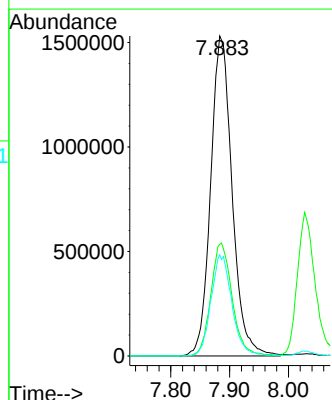
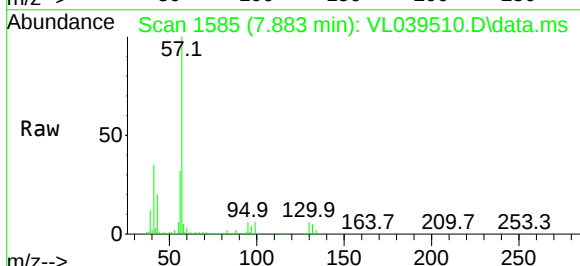
Delta R.T. 0.032 min

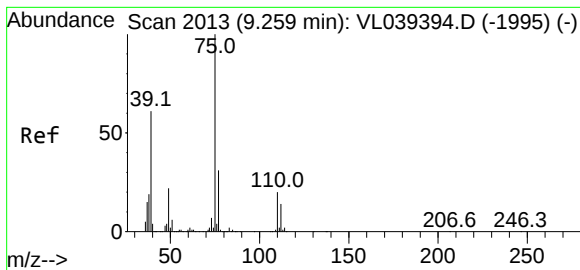
Lab File: VL039510.D

Acq: 20 Jul 2022 14:37

Tgt Ion: 57 Resp: 3885840

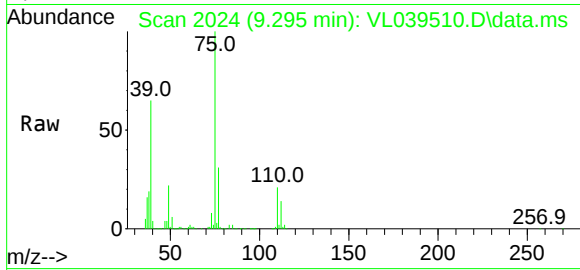
Ion	Ratio	Lower	Upper
57	100		
41	34.9	27.4	41.2
56	30.8	24.5	36.7





#45
t-1,3-Dichloropropene
Concen: 12.851 ppbv
RT: 9.295 min Scan# 2013
Delta R.T. 0.035 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

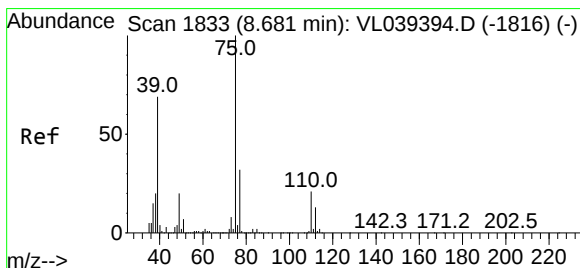
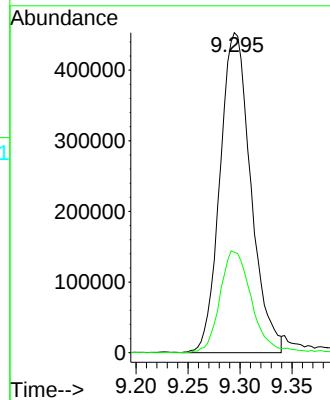
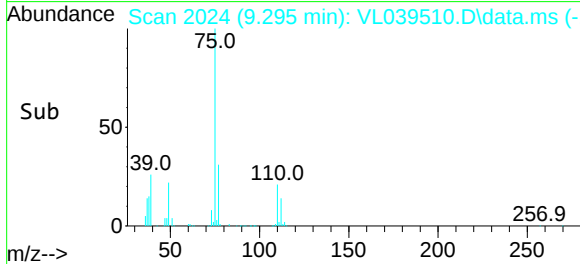
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 75 Resp: 93617
Ion Ratio Lower Upper
75 100
77 31.4 24.6 36.8

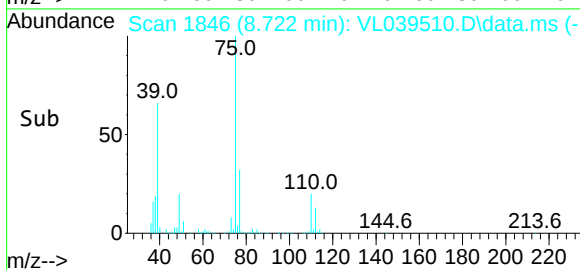
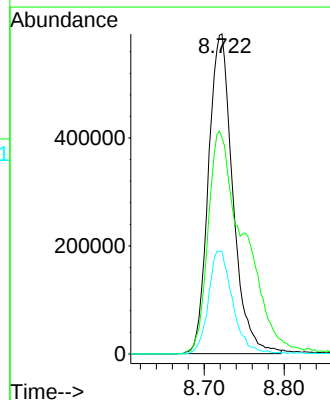
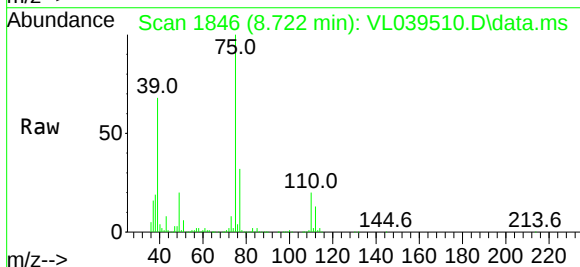
Manual Integrations
APPROVED

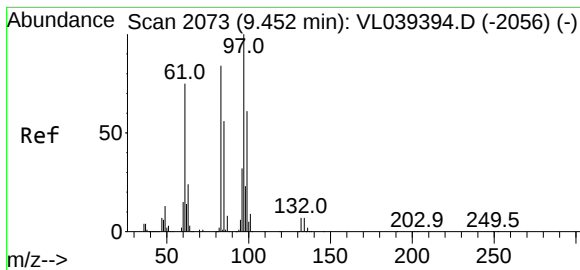
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#46
cis-1,3-Dichloropropene
Concen: 12.485 ppbv
RT: 8.722 min Scan# 1846
Delta R.T. 0.042 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

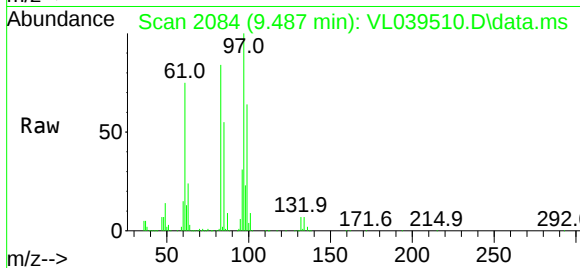
Tgt Ion: 75 Resp: 1251827
Ion Ratio Lower Upper
75 100
39 67.5 55.0 82.4
77 32.1 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 10.844 ppbv
RT: 9.487 min Scan# 2073
Delta R.T. 0.035 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

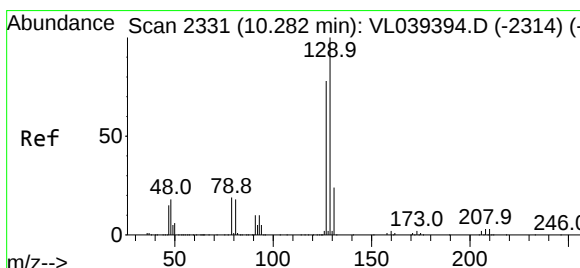
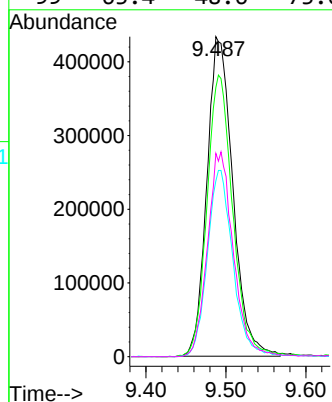
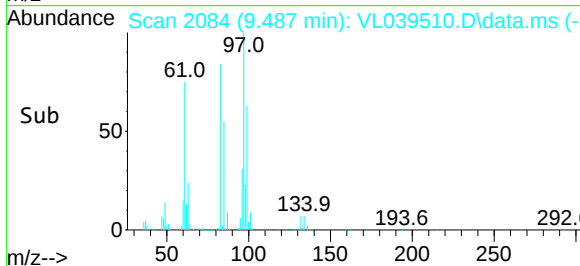
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



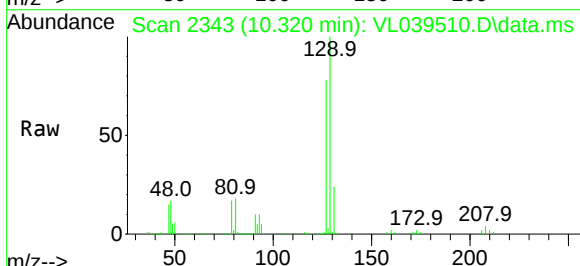
Tgt Ion: 97 Resp: 97807
Ion Ratio Lower Upper
97 100
83 83.8 67.4 101.0
85 54.9 45.1 67.7
99 63.4 48.6 73.0

Manual Integrations
APPROVED

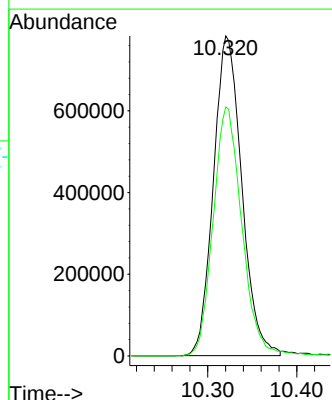
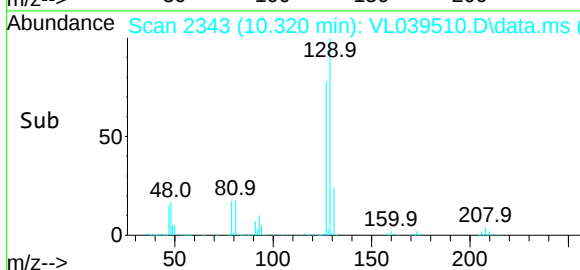
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

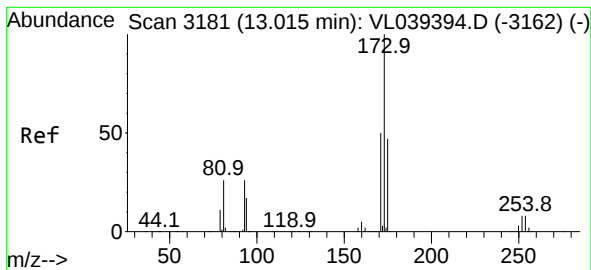


#48
Dibromochloromethane
Concen: 12.058 ppbv
RT: 10.320 min Scan# 2343
Delta R.T. 0.038 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37



Tgt Ion:129 Resp: 1728557
Ion Ratio Lower Upper
129 100
127 79.3 39.3 117.9





#49

Bromoform

Concen: 12.437 ppbv

RT: 13.056 min Scan# 3181

Delta R.T. 0.042 min

Lab File: VL039510.D

Acq: 20 Jul 2022 14:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 1438328

Ion Ratio Lower Upper

173 100

175 51.1 40.3 60.5

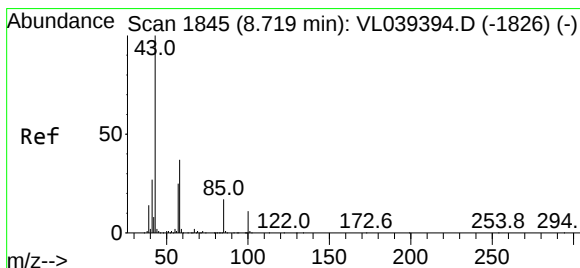
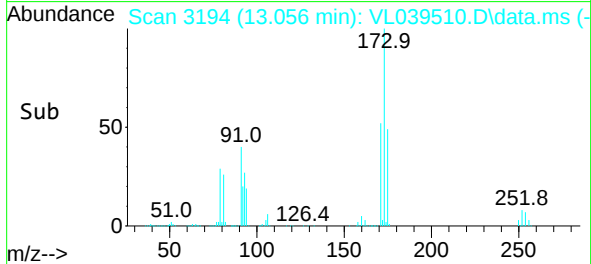
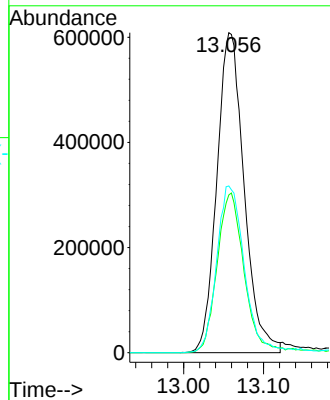
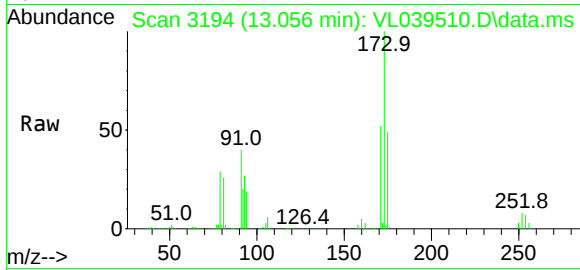
171 53.5 42.9 64.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#50

4-Methyl-2-Pentanone

Concen: 11.571 ppbv

RT: 8.754 min Scan# 1856

Delta R.T. 0.035 min

Lab File: VL039510.D

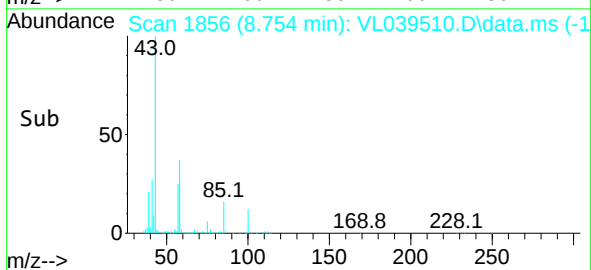
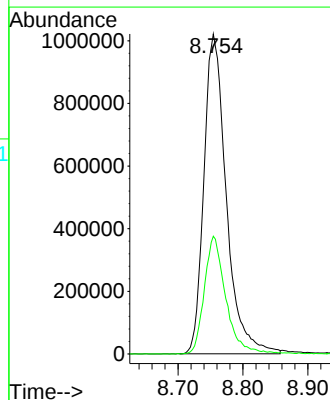
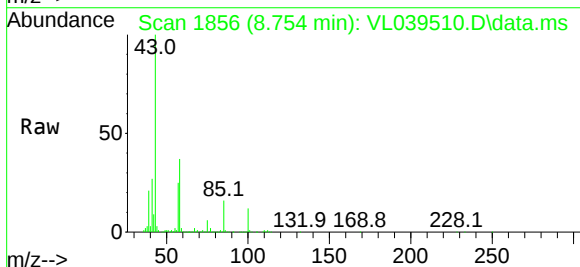
Acq: 20 Jul 2022 14:37

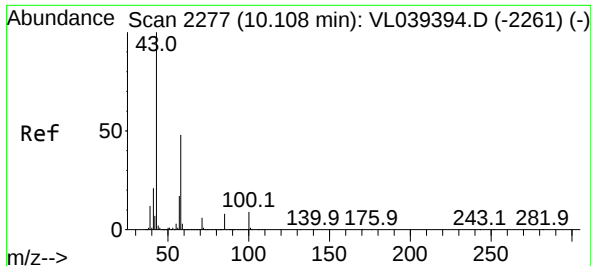
Tgt Ion: 43 Resp: 2448656

Ion Ratio Lower Upper

43 100

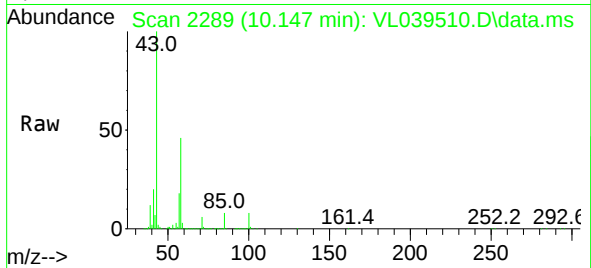
58 35.6 28.8 43.2





#51
2-Hexanone
Concen: 11.777 ppbv
RT: 10.147 min Scan# 21
Delta R.T. 0.038 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

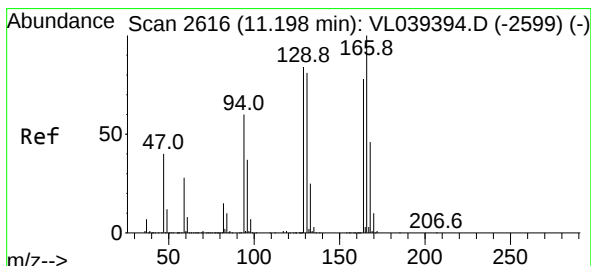
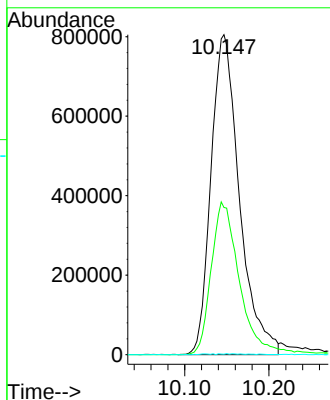
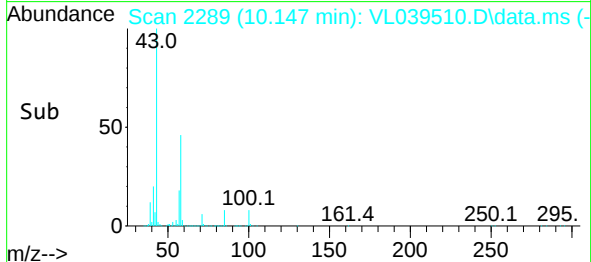
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



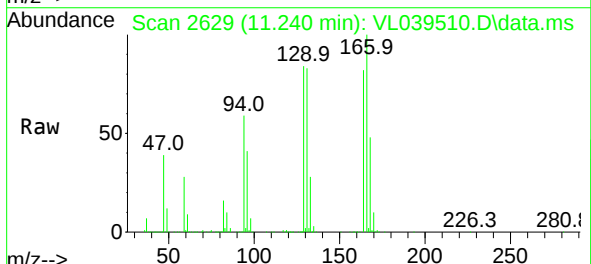
Tgt Ion: 43 Resp: 1885094
Ion Ratio Lower Upper
43 100
58 48.2 38.4 57.6
98 0.3 0.3 0.5

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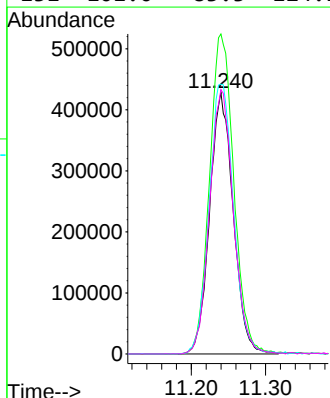
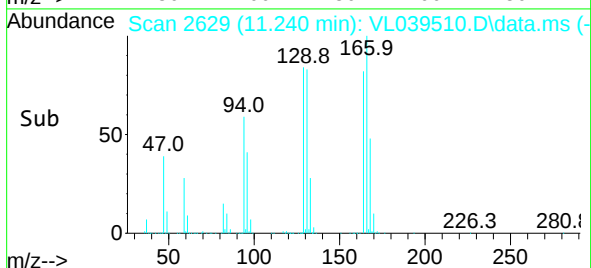
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

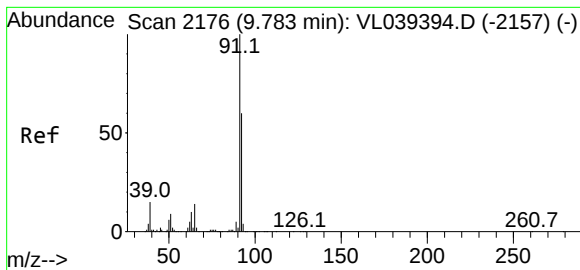


#52
Tetrachloroethene
Concen: 10.860 ppbv
RT: 11.240 min Scan# 2629
Delta R.T. 0.042 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37



Tgt Ion:164 Resp: 940706
Ion Ratio Lower Upper
164 100
166 122.3 102.2 153.2
129 103.0 85.8 128.8
131 101.0 83.3 124.9





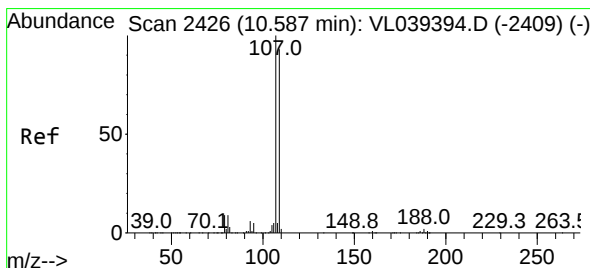
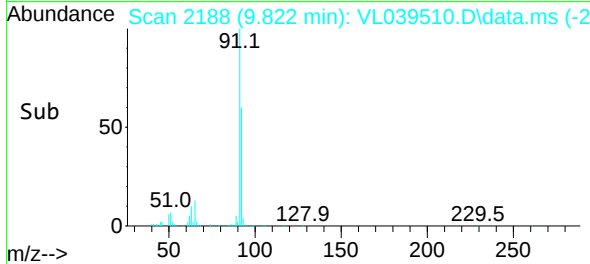
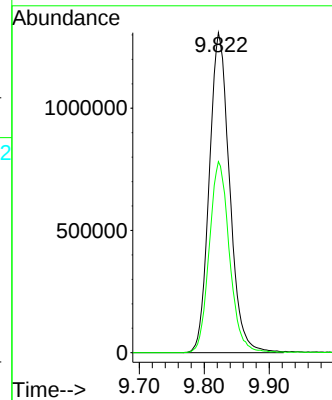
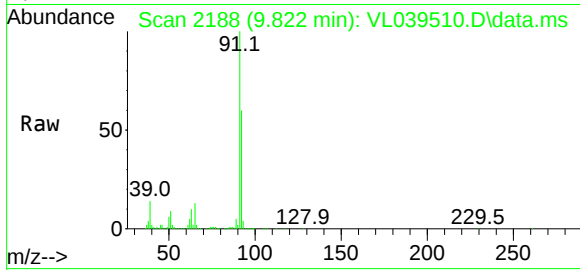
#53
Toluene
Concen: 11.471 ppbv
RT: 9.822 min Scan# 2176
Delta R.T. 0.038 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 2847064
Ion Ratio Lower Upper
91 100
92 59.6 48.2 72.2

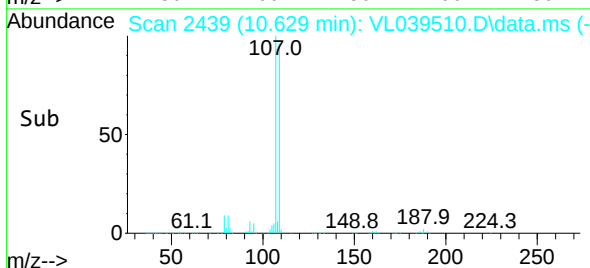
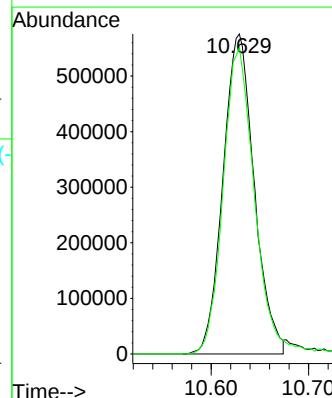
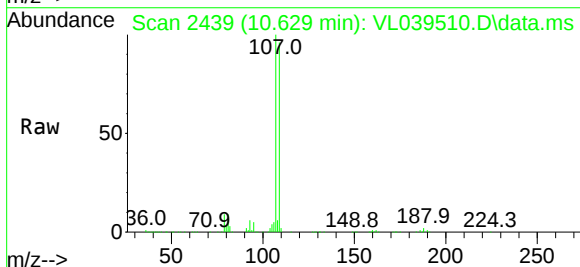
Manual Integrations
APPROVED

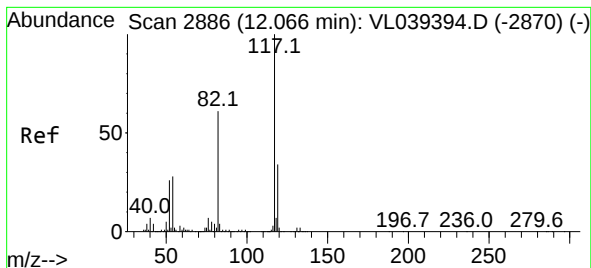
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#54
1,2-Dibromoethane
Concen: 11.415 ppbv
RT: 10.629 min Scan# 2439
Delta R.T. 0.042 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

Tgt Ion:107 Resp: 1281121
Ion Ratio Lower Upper
107 100
109 95.7 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.101 min Scan# 2886

Delta R.T. 0.035 min

Lab File: VL039510.D

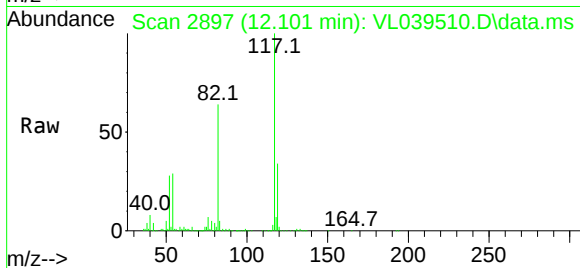
Acq: 20 Jul 2022 14:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:117 Resp: 268189

Ion Ratio Lower Upper

117 100

82 63.9 50.8 76.2

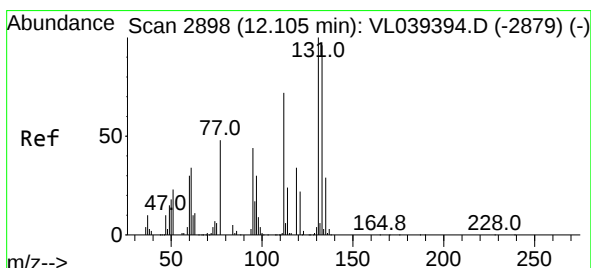
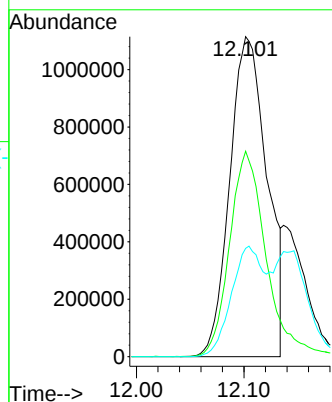
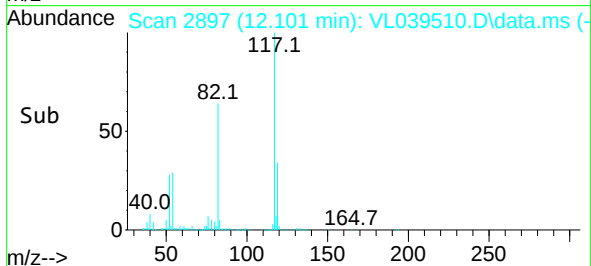
119 31.5 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 10.820 ppbv

RT: 12.143 min Scan# 2910

Delta R.T. 0.038 min

Lab File: VL039510.D

Acq: 20 Jul 2022 14:37

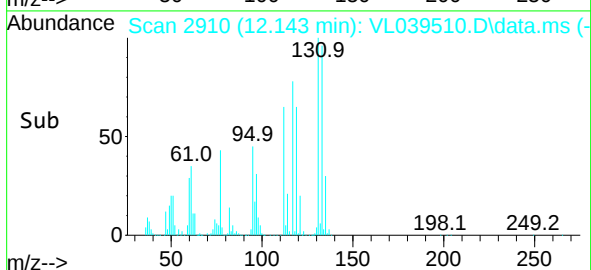
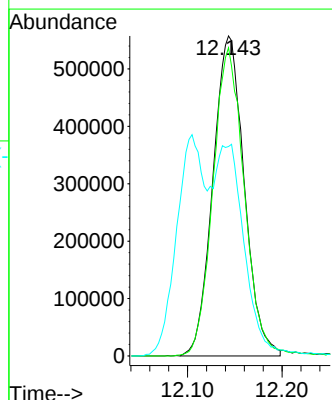
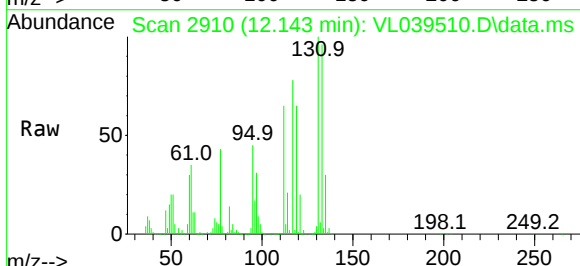
Tgt Ion:131 Resp: 1281931

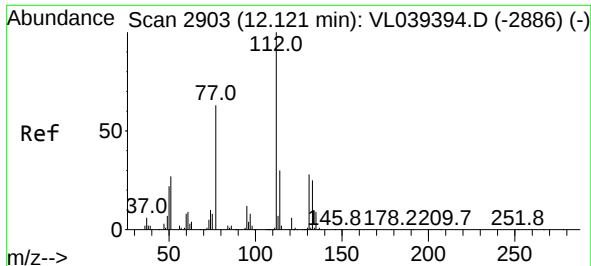
Ion Ratio Lower Upper

131 100

133 97.6 76.8 115.2

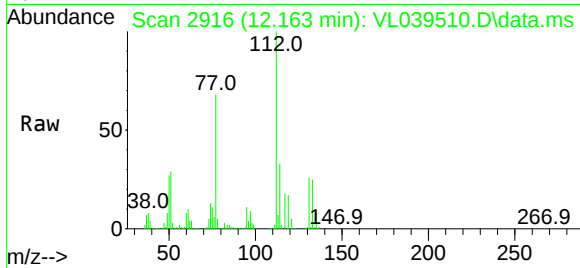
119 68.2 46.2 69.4





#57
Chlorobenzene
Concen: 10.565 ppbv
RT: 12.163 min Scan# 2916
Delta R.T. 0.042 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

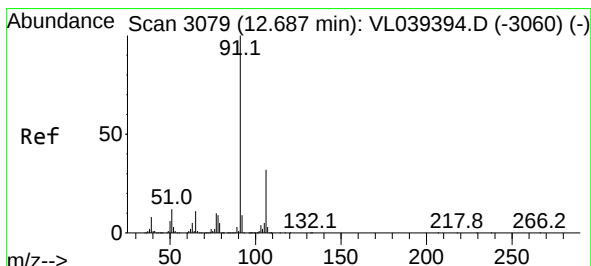
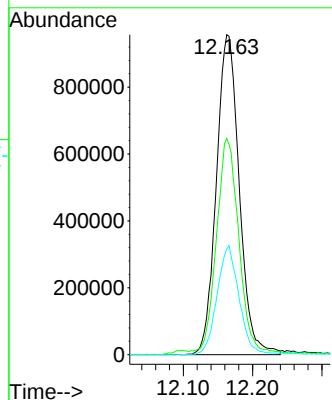
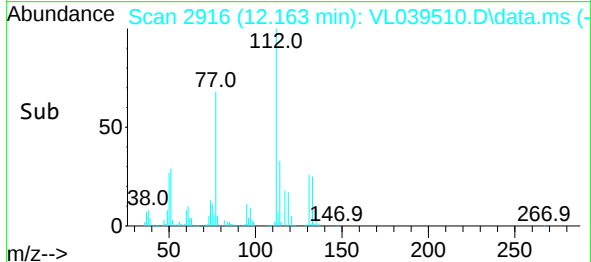
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



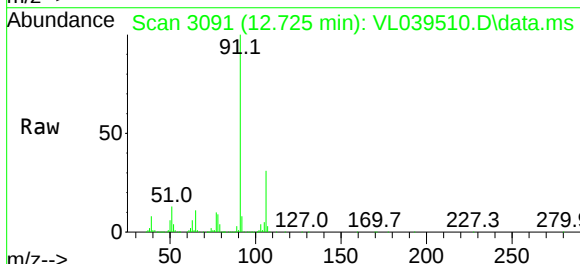
Tgt Ion:112 Resp: 2196720
Ion Ratio Lower Upper
112 100
77 66.6 51.0 76.4
114 33.0 27.5 33.6

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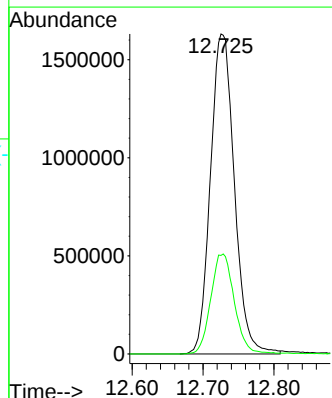
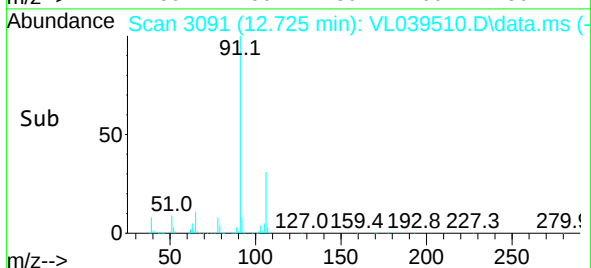
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

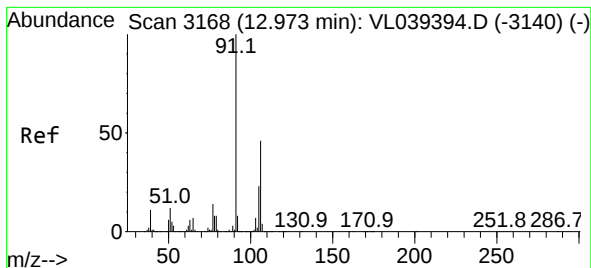


#58
Ethyl Benzene
Concen: 11.042 ppbv
RT: 12.725 min Scan# 3091
Delta R.T. 0.038 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37



Tgt Ion: 91 Resp: 3823874
Ion Ratio Lower Upper
91 100
106 30.8 25.4 38.0





#59

m/p-Xylene

Concen: 21.546 ppbv m

RT: 13.015 min Scan# 3168

Delta R.T. 0.042 min

Lab File: VL039510.D

Acq: 20 Jul 2022 14:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 6577920

Ion Ratio Lower Upper

91 100

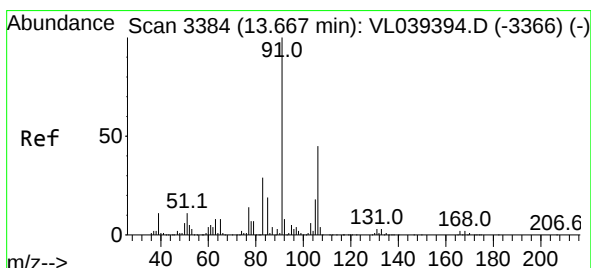
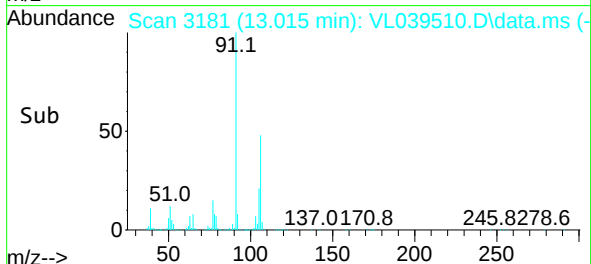
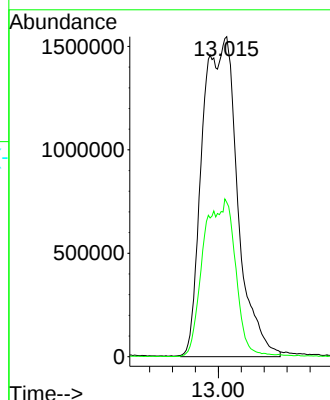
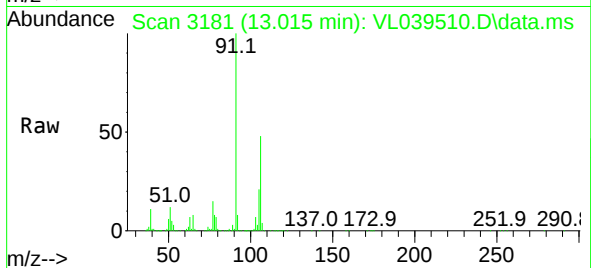
106 45.0 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#60

o-Xylene

Concen: 11.032 ppbv

RT: 13.706 min Scan# 3396

Delta R.T. 0.038 min

Lab File: VL039510.D

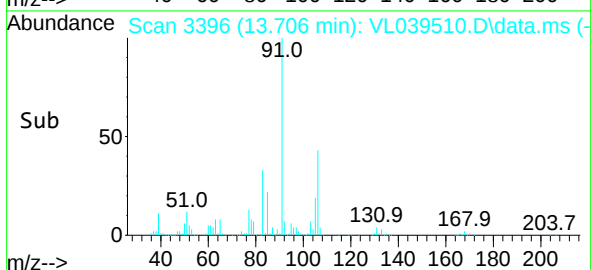
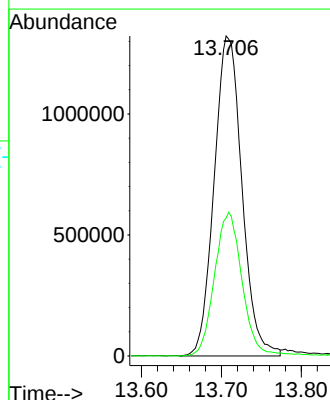
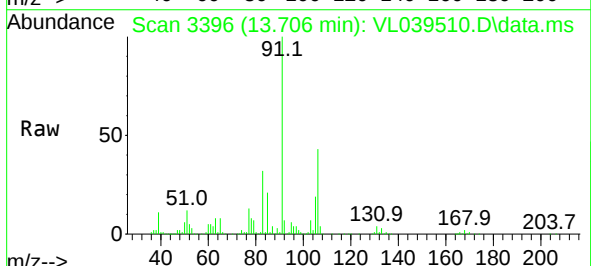
Acq: 20 Jul 2022 14:37

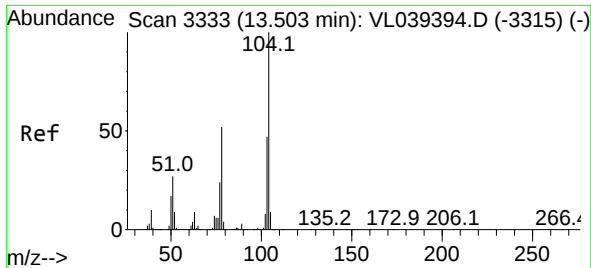
Tgt Ion: 91 Resp: 3189433

Ion Ratio Lower Upper

91 100

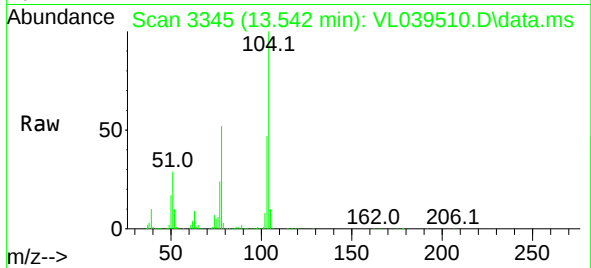
106 45.1 22.4 67.3





#61
Styrene
Concen: 12.003 ppbv
RT: 13.542 min Scan# 31
Delta R.T. 0.038 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

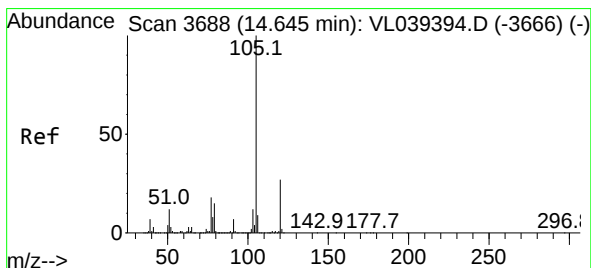
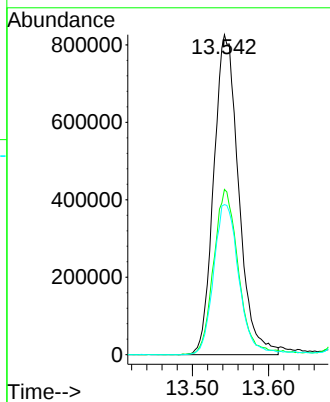
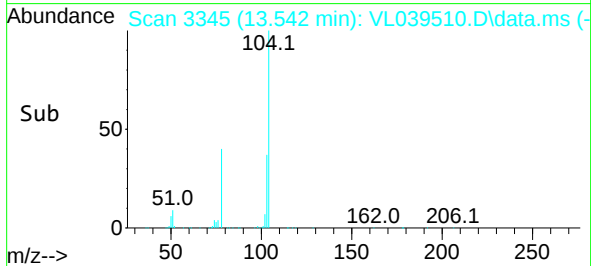
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



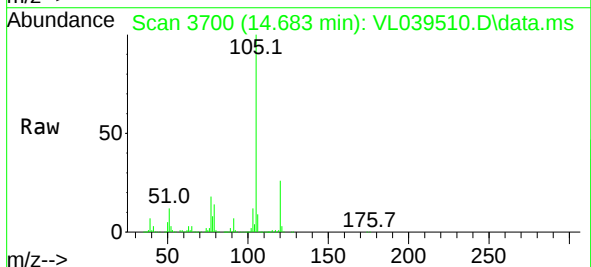
Tgt Ion:104 Resp: 1879792
Ion Ratio Lower Upper
104 100
78 52.1 41.2 61.8
103 48.4 38.7 58.1

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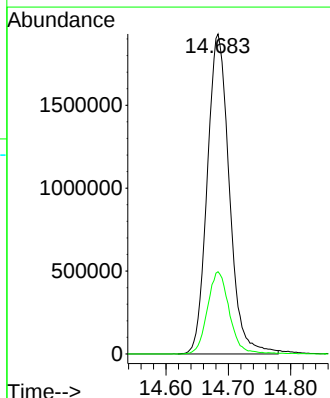
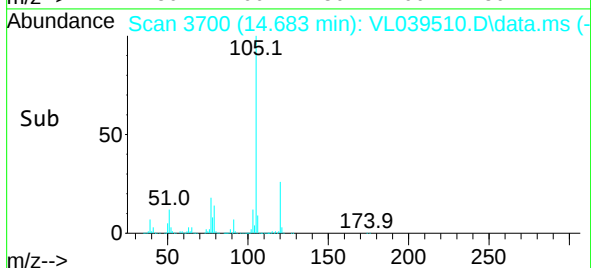
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

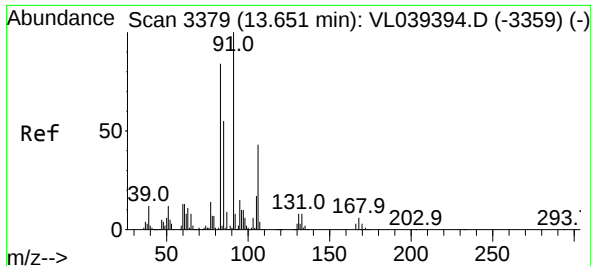


#62
Isopropylbenzene
Concen: 10.776 ppbv
RT: 14.683 min Scan# 3700
Delta R.T. 0.038 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37



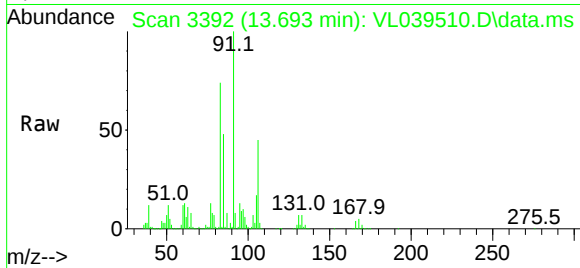
Tgt Ion:105 Resp: 4744305
Ion Ratio Lower Upper
105 100
120 25.7 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 9.784 ppbv
RT: 13.693 min Scan# 31
Delta R.T. 0.042 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

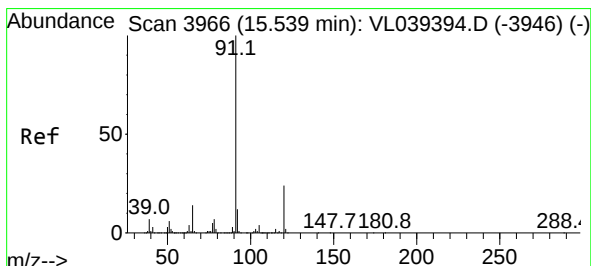
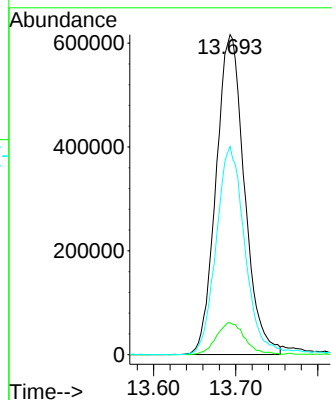
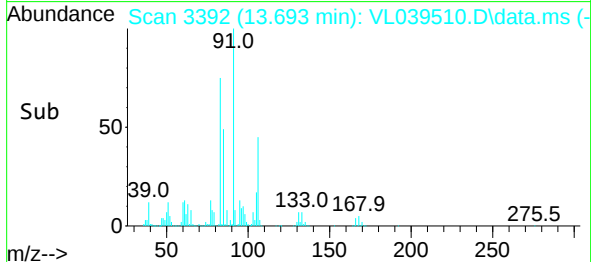
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



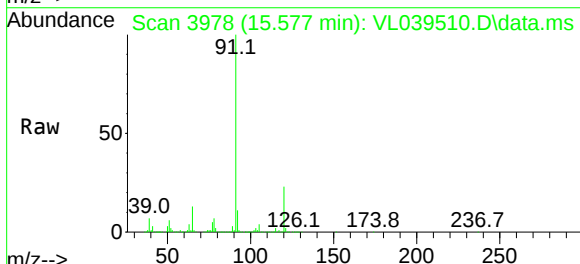
Tgt Ion: 83 Resp: 148258
Ion Ratio Lower Upper
83 100
131 10.1 5.3 15.8
85 67.4 33.1 99.5

Manual Integrations
APPROVED

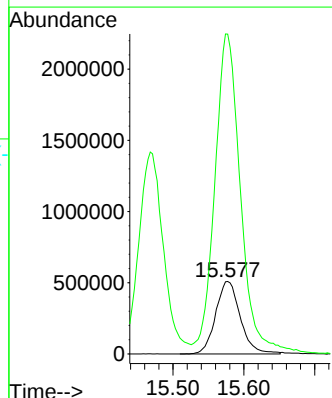
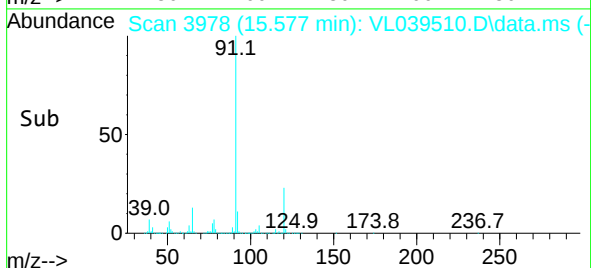
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

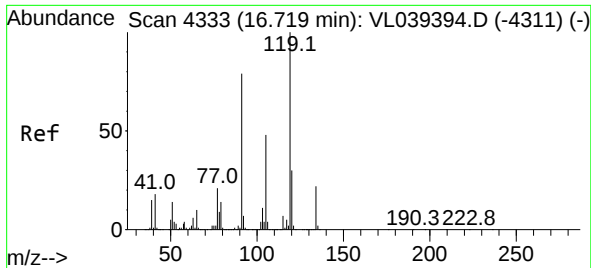


#64
n-propylbenzene
Concen: 11.017 ppbv
RT: 15.577 min Scan# 3978
Delta R.T. 0.038 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37



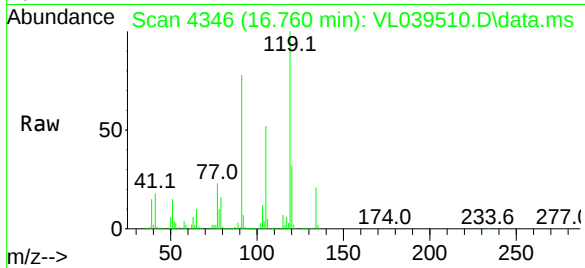
Tgt Ion:120 Resp: 1229326
Ion Ratio Lower Upper
120 100
91 462.3 367.2 550.8





#65
tert-Butylbenzene
Concen: 10.704 ppbv
RT: 16.760 min Scan# 41
Delta R.T. 0.042 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

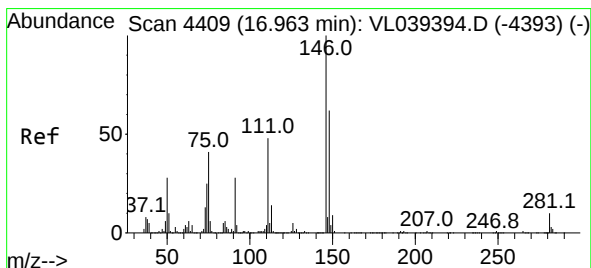
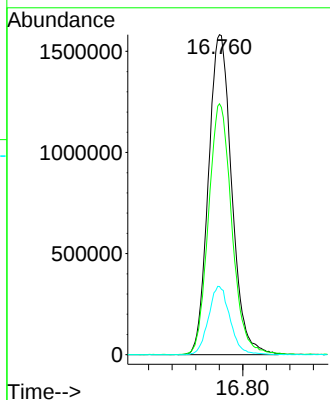
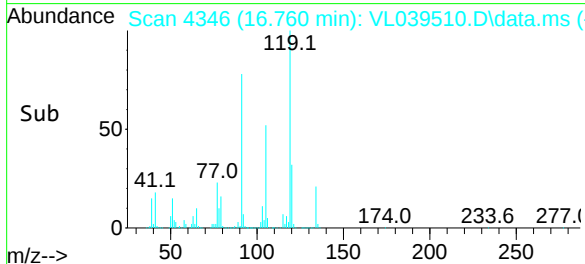
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



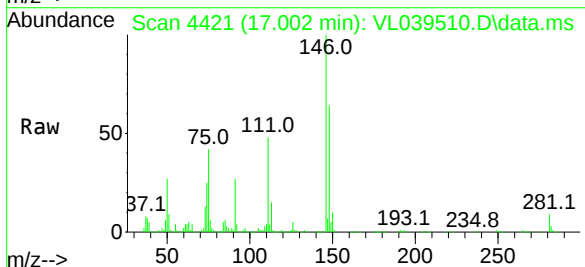
Tgt Ion: 119 Resp: 435455
Ion Ratio Lower Upper
119 100
91 78.5 63.4 95.2
134 19.8 15.9 23.9

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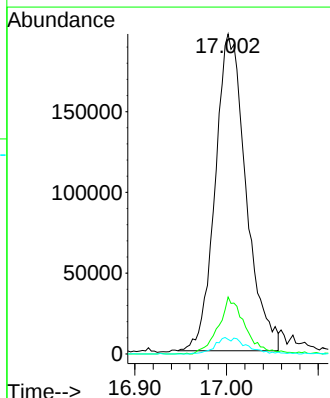
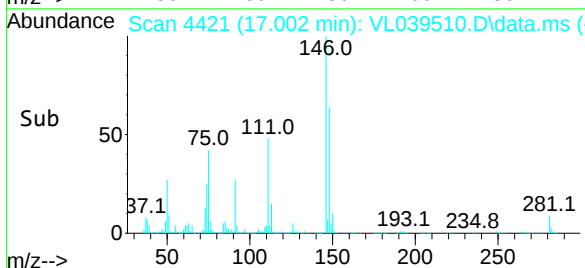
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

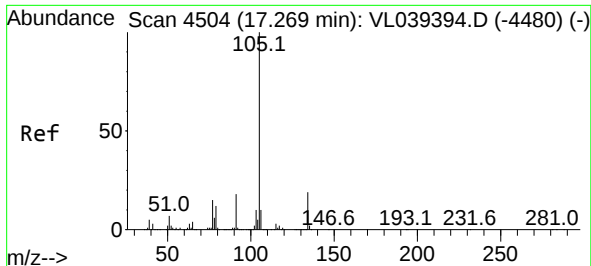


#66
Benzyl Chloride
Concen: 11.860 ppbv
RT: 17.002 min Scan# 4421
Delta R.T. 0.038 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37



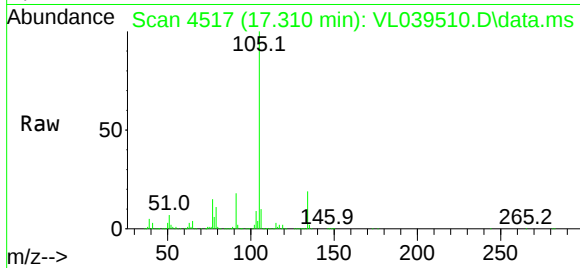
Tgt Ion: 91 Resp: 458509
Ion Ratio Lower Upper
91 100
126 15.8 13.1 19.7
128 5.3 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 10.788 ppbv
 RT: 17.310 min Scan# 41
 Delta R.T. 0.042 min
 Lab File: VL039510.D
 Acq: 20 Jul 2022 14:37

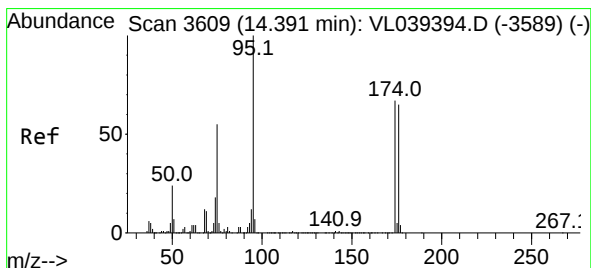
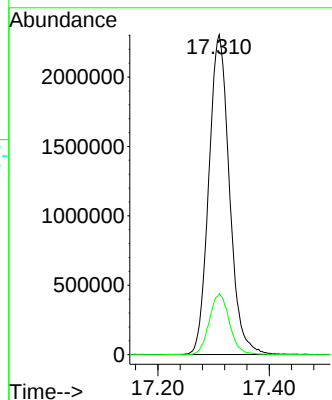
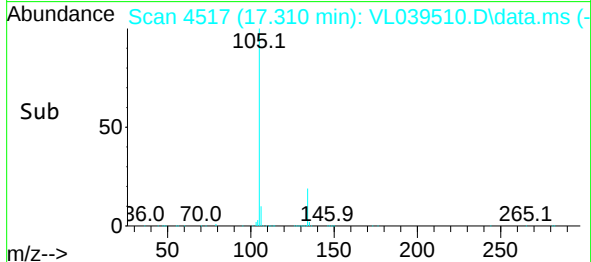
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



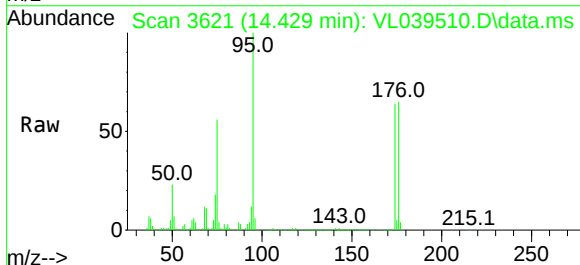
Tgt Ion:105 Resp: 591150
 Ion Ratio Lower Upper
 105 100
 134 18.8 14.8 22.2

Manual Integrations
 APPROVED

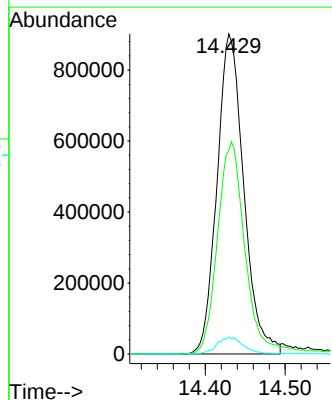
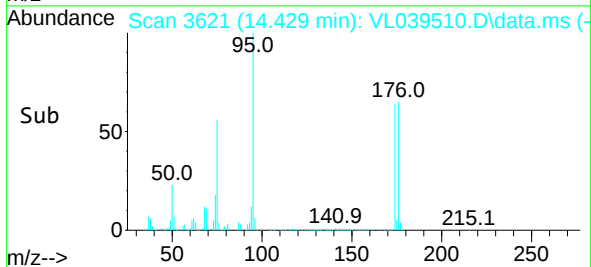
Reviewed By :Semsettin Yesilyurt 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022

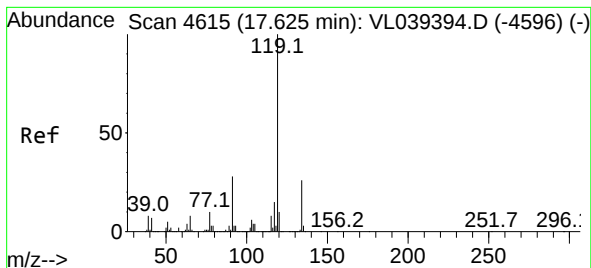


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.538 ppbv
 RT: 14.429 min Scan# 3621
 Delta R.T. 0.038 min
 Lab File: VL039510.D
 Acq: 20 Jul 2022 14:37



Tgt Ion: 95 Resp: 2096632
 Ion Ratio Lower Upper
 95 100
 174 69.5 55.9 83.9
 175 5.3 4.2 6.4





#69

p-Isopropyltoluene

Concen: 11.039 ppbv

RT: 17.667 min Scan# 4615

Delta R.T. 0.042 min

Lab File: VL039510.D

Acq: 20 Jul 2022 14:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 5132720

Ion Ratio Lower Upper

119 100

134 25.1 20.3 30.5

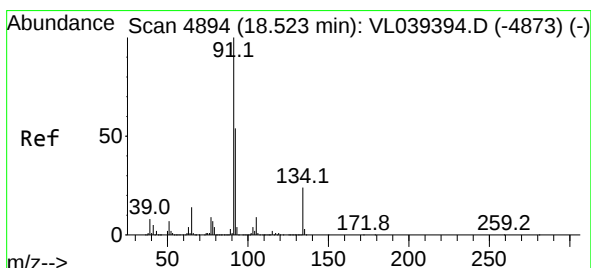
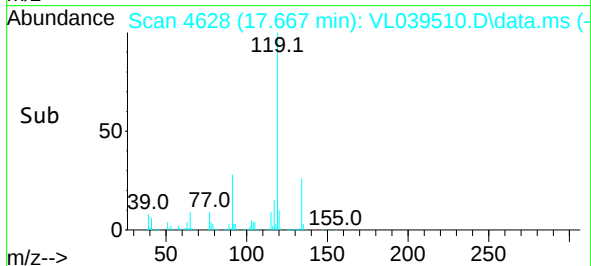
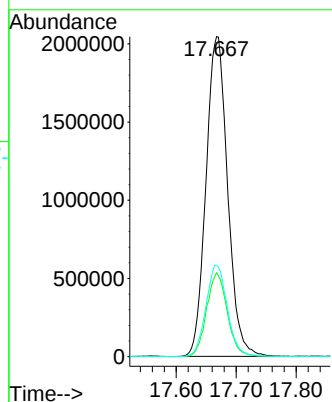
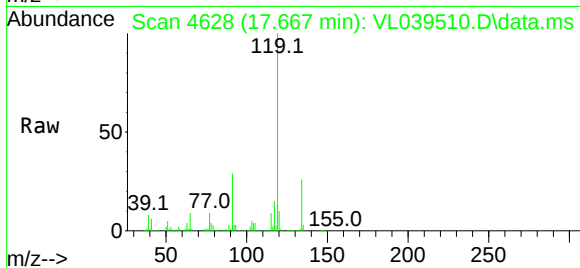
91 28.5 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#70

n-Butylbenzene

Concen: 11.014 ppbv

RT: 18.564 min Scan# 4907

Delta R.T. 0.042 min

Lab File: VL039510.D

Acq: 20 Jul 2022 14:37

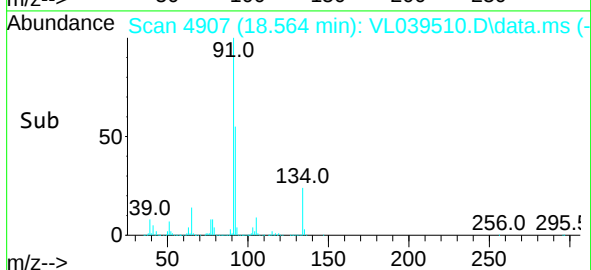
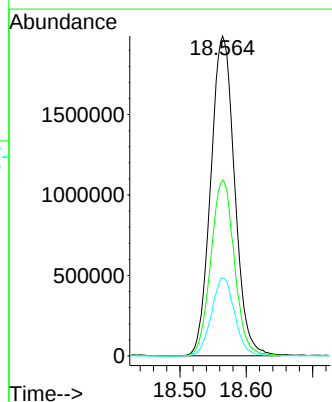
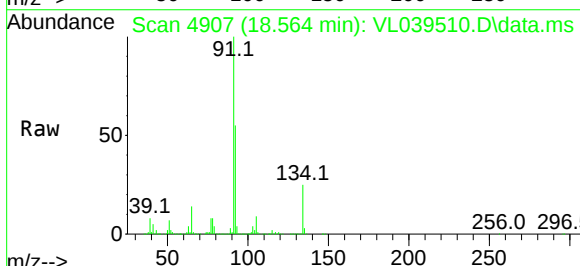
Tgt Ion: 91 Resp: 4970113

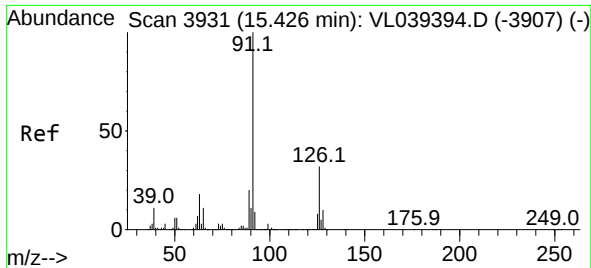
Ion Ratio Lower Upper

91 100

92 54.7 43.4 65.2

134 24.0 18.9 28.3





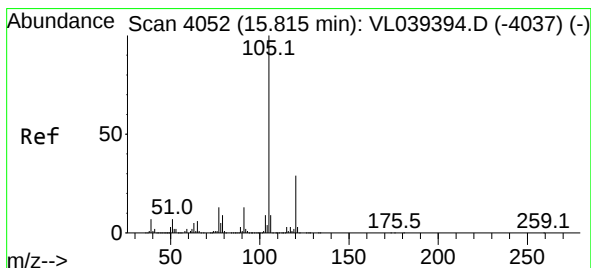
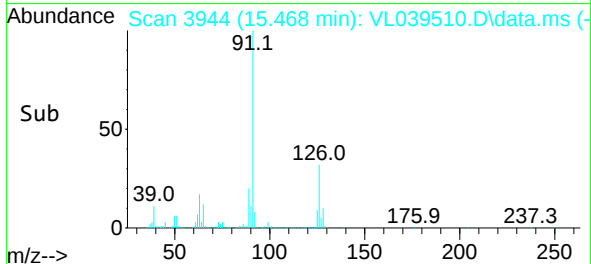
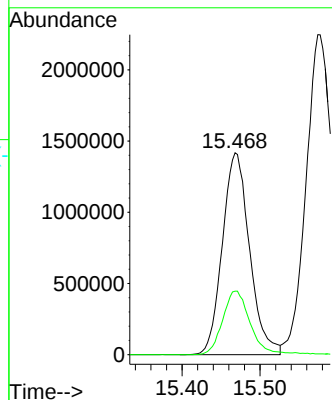
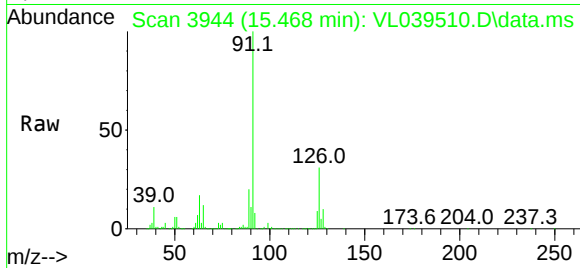
#71
2-Chlorotoluene
Concen: 10.912 ppbv
RT: 15.468 min Scan# 3931
Delta R.T. 0.042 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3438390
Ion Ratio Lower Upper
91 100
126 32.6 13.0 51.8

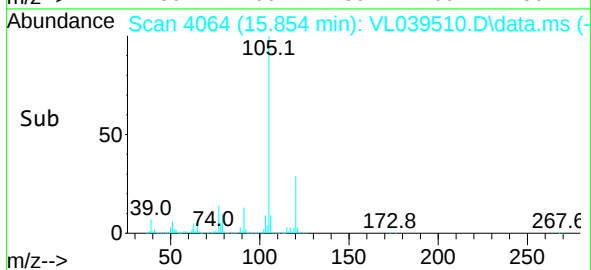
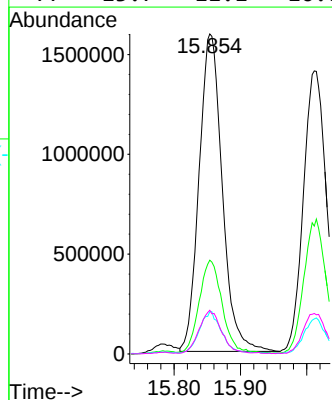
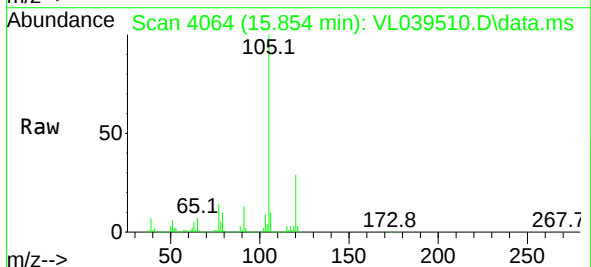
Manual Integrations
APPROVED

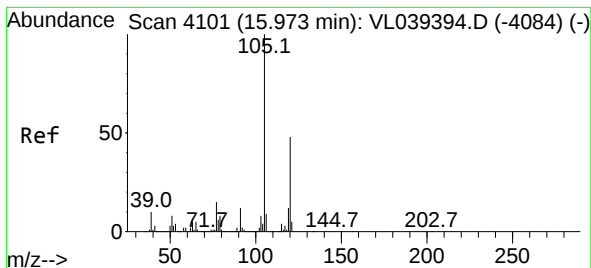
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#72
4-Ethyltoluene
Concen: 11.363 ppbv
RT: 15.854 min Scan# 4064
Delta R.T. 0.038 min
Lab File: VL039510.D
Acq: 20 Jul 2022 14:37

Tgt Ion:105 Resp: 3862277
Ion Ratio Lower Upper
105 100
120 29.8 24.2 36.2
91 12.9 10.2 15.4
77 13.7 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 11.309 ppbv

RT: 16.011 min Scan# 4101

Delta R.T. 0.038 min

Lab File: VL039510.D

Acq: 20 Jul 2022 14:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 3530394

Ion Ratio Lower Upper

105 100

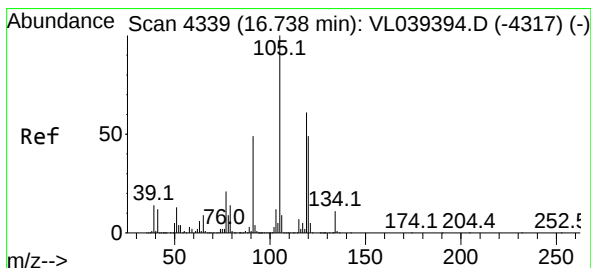
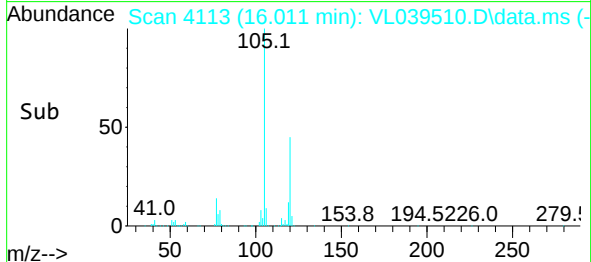
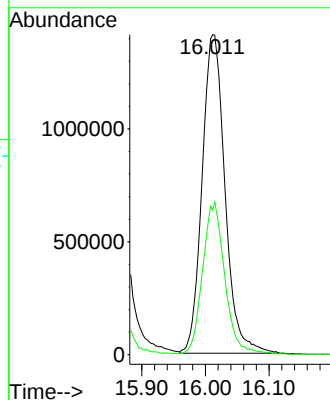
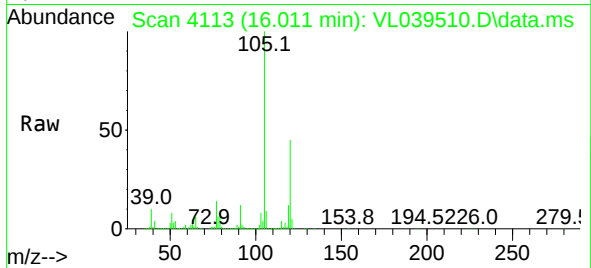
120 45.1 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#74

1,2,4-Trimethylbenzene

Concen: 10.912 ppbv

RT: 16.780 min Scan# 4352

Delta R.T. 0.042 min

Lab File: VL039510.D

Acq: 20 Jul 2022 14:37

Tgt Ion:105 Resp: 3768593

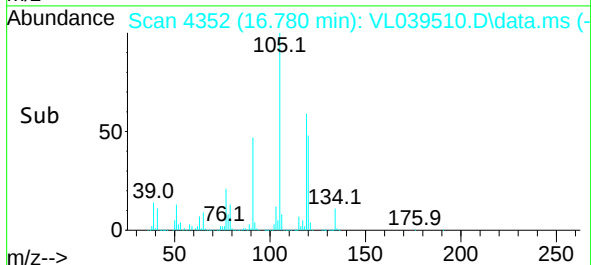
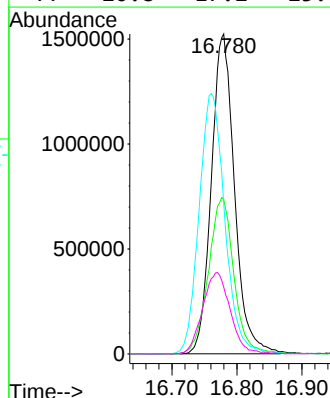
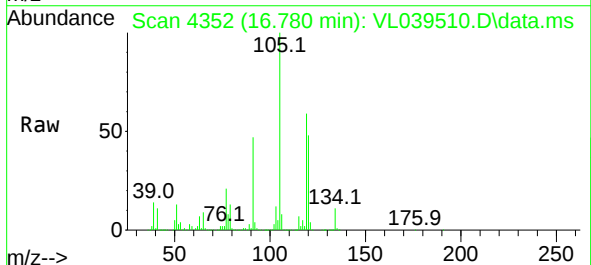
Ion Ratio Lower Upper

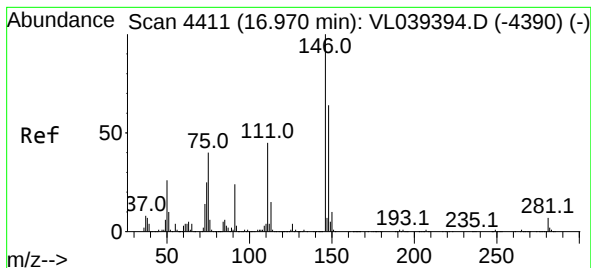
105 100

120 48.2 39.5 59.3

91 46.8 39.2 58.8

77 20.8 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 10.982 ppbv

RT: 17.011 min Scan# 4411

Delta R.T. 0.042 min

Lab File: VL039510.D

Acq: 20 Jul 2022 14:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 226240

Ion Ratio Lower Upper

146 100

111 45.9 22.9 68.7

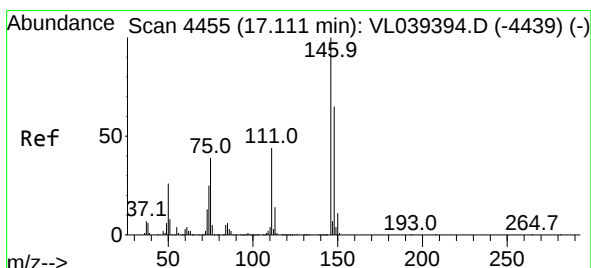
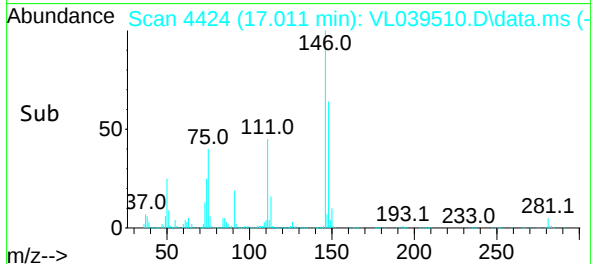
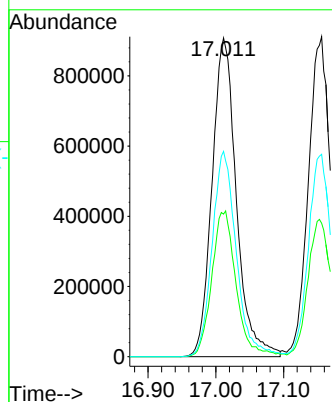
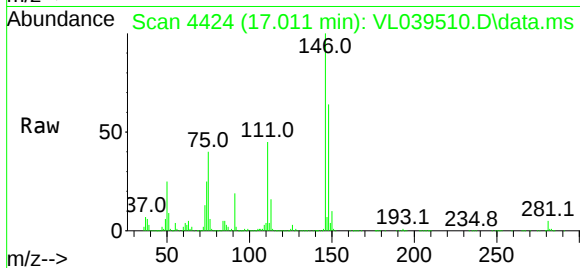
148 64.1 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#76

1,4-Dichlorobenzene

Concen: 10.774 ppbv

RT: 17.156 min Scan# 4469

Delta R.T. 0.045 min

Lab File: VL039510.D

Acq: 20 Jul 2022 14:37

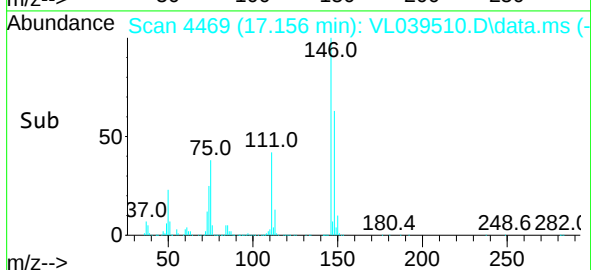
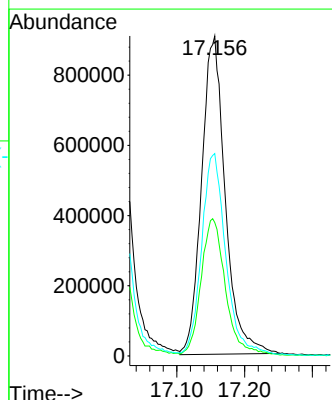
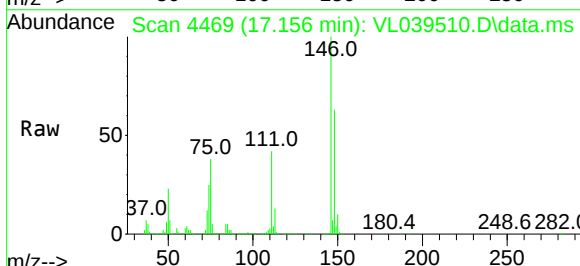
Tgt Ion:146 Resp: 2199795

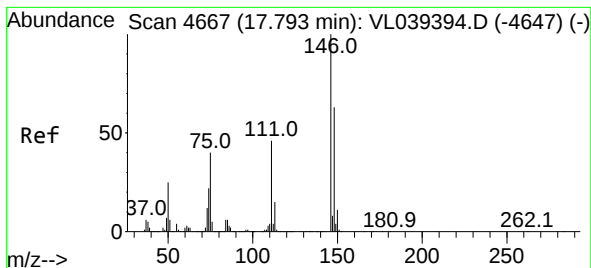
Ion Ratio Lower Upper

146 100

111 44.5 22.9 68.8

148 65.5 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 10.659 ppbv

RT: 17.831 min Scan# 407

Delta R.T. 0.038 min

Lab File: VL039510.D

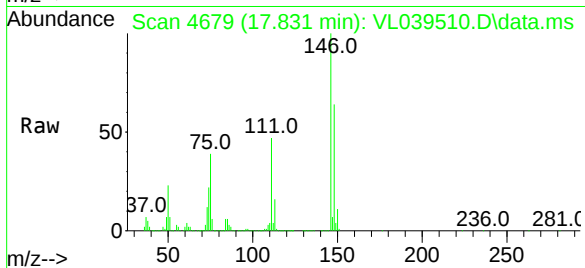
Acq: 20 Jul 2022 14:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:146 Resp: 2176474

Ion Ratio Lower Upper

146 100

111 47.5 23.8 71.5

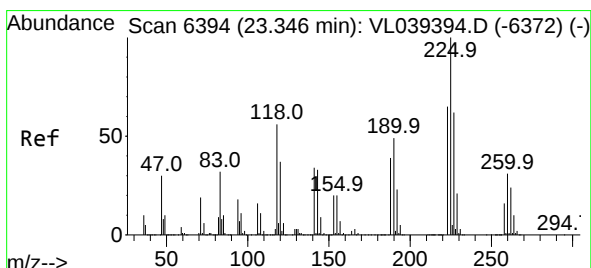
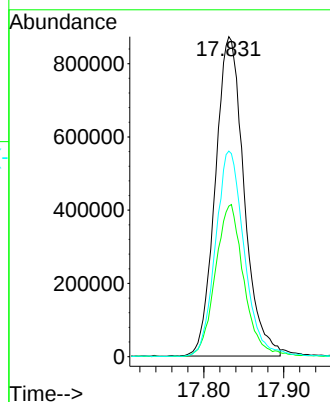
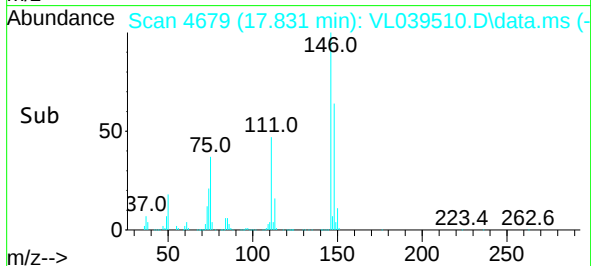
148 64.5 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#78

Hexachloro-1,3-Butadiene

Concen: 9.581 ppbv

RT: 23.387 min Scan# 6407

Delta R.T. 0.042 min

Lab File: VL039510.D

Acq: 20 Jul 2022 14:37

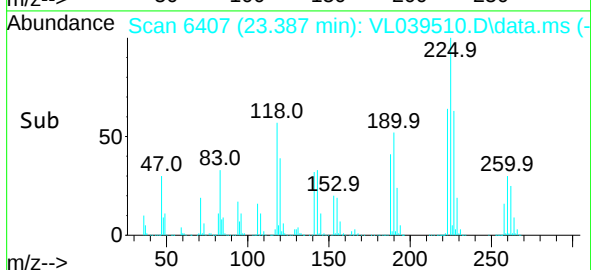
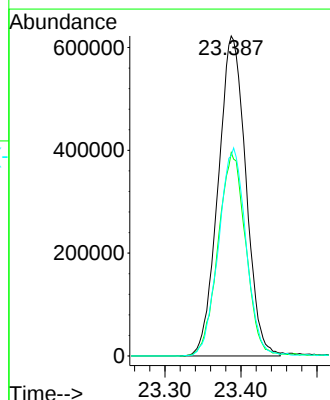
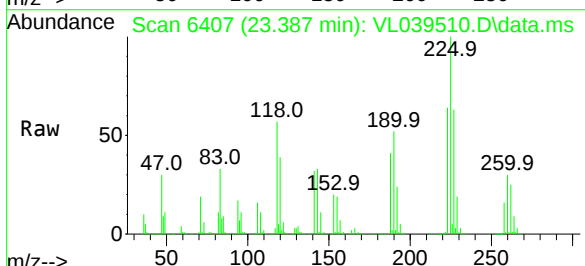
Tgt Ion:225 Resp: 1573485

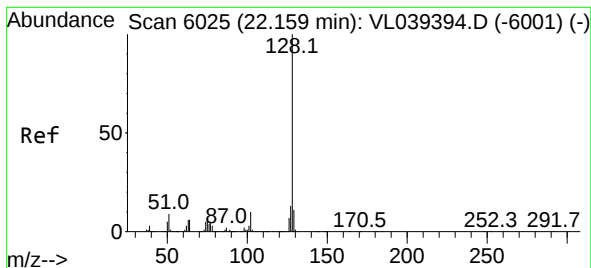
Ion Ratio Lower Upper

225 100

223 63.2 51.8 77.6

227 64.7 51.4 77.2





#79

Naphthalene

Concen: 12.821 ppbv

RT: 22.214 min Scan# 6025

Delta R.T. 0.055 min

Lab File: VL039510.D

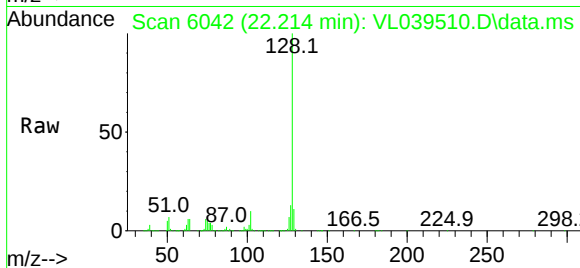
Acq: 20 Jul 2022 14:37

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:128 Resp: 3047210

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

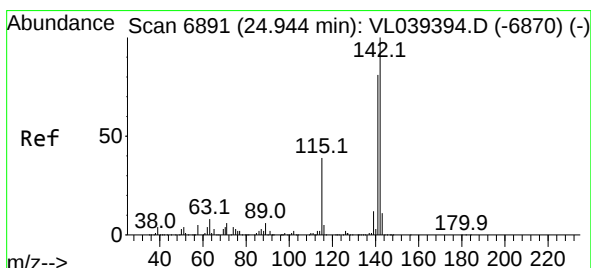
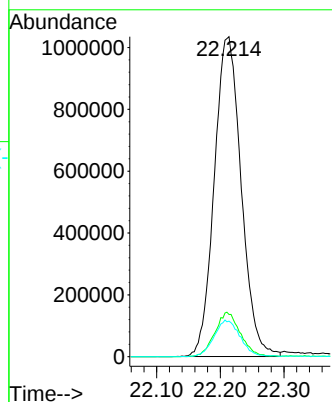
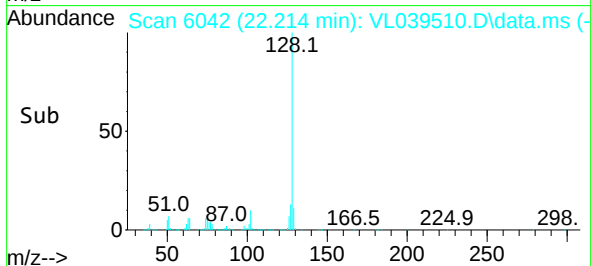
129 11.1 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#80

Naphthalene,2-methyl-

Concen: 13.635 ppbv

RT: 24.979 min Scan# 6902

Delta R.T. 0.035 min

Lab File: VL039510.D

Acq: 20 Jul 2022 14:37

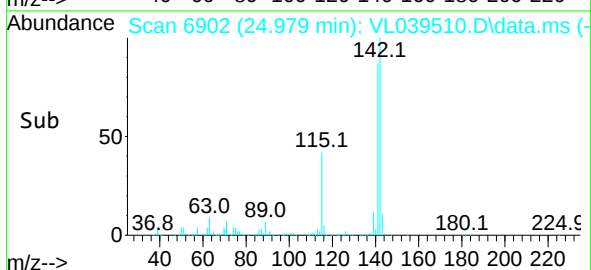
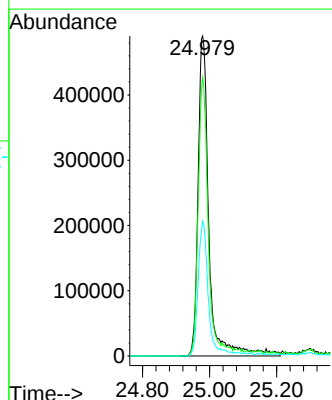
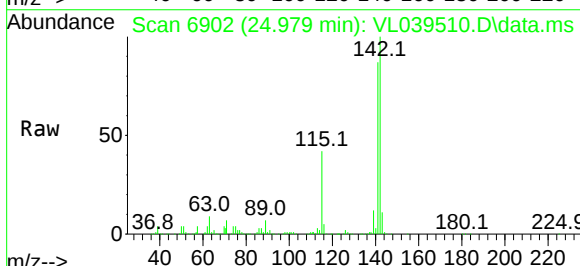
Tgt Ion:142 Resp: 1102957

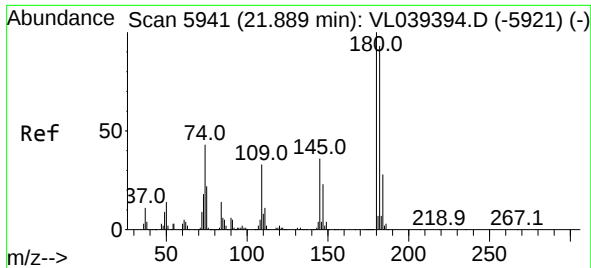
Ion Ratio Lower Upper

142 100

141 82.9 68.9 103.3

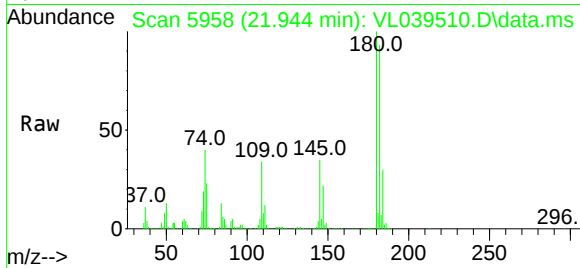
115 40.0 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 11.308 ppbv
 RT: 21.944 min Scan# 5958
 Delta R.T. 0.055 min
 Lab File: VL039510.D
 Acq: 20 Jul 2022 14:37

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 175042

Ion	Ratio	Lower	Upper
180	100		
182	97.5	77.1	115.7
184	30.8	24.3	36.5

Manual Integrations
 APPROVED

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

