

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061522\
 Data File : VL039299.D
 Acq On : 15 Jun 2022 16:13
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/16/2022
 Supervised By : Mahesh Dadoda 06/17/2022

Quant Time: Jun 16 04:35:06 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 15 04:35:06 2022

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

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.658	49	1324021	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.166	114	3690020	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.072	117	3514538m	10.000	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.400 95 2767961 9.526 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 95.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.044	85	1892422	8.137	ppbv	100
3) Chlorodifluoromethane	2.986	51	1465987	8.702	ppbv	98
4) Chloromethane	3.137	50	804607	9.298	ppbv	99
5) Vinyl Chloride	3.253	62	793551	9.810	ppbv	97
6) Bromomethane	3.468	94	341211	8.574	ppbv	95
7) Chloroethane	3.555	64	293571	10.415	ppbv	99
8) Dichlorotetrafluoroethane	3.182	85	1863491	8.768	ppbv	93
9) Propene	3.005	41	671855	9.146	ppbv	98
10) Heptane	8.111	43	1683551	9.824	ppbv	99
11) Trichlorofluoromethane	3.944	101	1846787	8.773	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.475	101	1407993	10.114	ppbv	99
13) Ethanol	3.600	45	41357m	10.324	ppbv	
14) Bromoethene	3.735	108	607934	9.714	ppbv	99
15) Acetone	3.841	43	1383016	10.028	ppbv	96
16) 1,3-Butadiene	3.320	39	774233	10.443	ppbv	95
17) tert-Butyl alcohol	4.272	59	1278578	11.952	ppbv	99
18) 1,1-Dichloroethene	4.285	96	635034	10.169	ppbv	97
19) Isopropyl Alcohol	3.951	45	767830	11.870	ppbv #	98
20) Methylene Chloride	4.336	84	530759	9.132	ppbv	93
21) Allyl Chloride	4.404	41	1010789	10.864	ppbv	99
22) trans-1,2-Dichloroethene	4.880	96	630795	10.498	ppbv	98
23) Vinyl Acetate	5.063	43	1190796	10.435	ppbv	98
24) 1,1-Dichloroethane	5.002	63	1442412	9.225	ppbv	98
25) Ethyl Acetate	5.664	43	3010471	9.685	ppbv	99
26) Hexane	5.677	57	1291530	9.454	ppbv	98
27) Carbon Disulfide	4.542	76	1550343	10.950	ppbv	99
28) Methyl tert-Butyl Ether	5.025	73	1433601	9.506	ppbv	99
29) Chloroform	5.742	83	1976826	8.600	ppbv	96
30) Cyclohexane	7.121	84	1109392	9.667	ppbv	98
31) cis-1,2-Dichloroethene	5.539	61	1267472	9.100	ppbv	94
32) 1,1,1-Trichloroethane	6.504	97	2064070	9.176	ppbv	100
34) 2-Butanone	5.234	43	1770386	8.831	ppbv	100
35) Carbon Tetrachloride	7.008	117	2130390	7.910	ppbv	98
36) Benzene	6.883	78	2677921	8.939	ppbv	98
37) 1,2-Dichloroethane	6.295	62	1540896	7.816	ppbv	97
38) Trichloroethene	7.825	130	1346368	9.785	ppbv	95
39) 1,2-Dichloropropane	7.603	63	1005597	8.439	ppbv	97
40) 1,4-Dioxane	7.815	88	357562	9.115	ppbv	94
41) Tetrahydrofuran	6.037	42	1029030	8.535	ppbv	99
42) Bromodichloromethane	7.780	83	2240708	8.189	ppbv	99
43) Methyl Methacrylate	8.002	69	1078180	9.240	ppbv	98
44) 2,2,4-Trimethylpentane	7.857	57	4487191	8.562	ppbv	99
45) t-1,3-Dichloropropene	9.265	75	1071029	8.813	ppbv	100

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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/16/2022
 Supervised By : Mahesh Dadoda 06/17/2022

Quant Time: Jun 16 04:35:06 2022

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

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

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

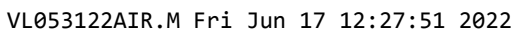
Response via : Initial Calibration

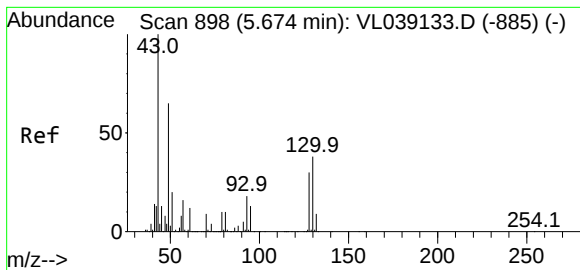
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.693	75	1392498	8.674	ppbv	96
47) 1,1,2-Trichloroethane	9.462	97	1091748	8.782	ppbv	98
48) Dibromochloromethane	10.291	129	1931479	8.701	ppbv	98
49) Bromoform	13.027	173	1593807	8.616	ppbv	99
50) 4-Methyl-2-Pentanone	8.729	43	2749515	9.163	ppbv	100
51) 2-Hexanone	10.118	43	2111379	9.042	ppbv #	99
52) Tetrachloroethene	11.211	164	1030331	8.809	ppbv	96
53) Toluene	9.796	91	3186953	9.239	ppbv	100
54) 1,2-Dibromoethane	10.600	107	1466551	8.779	ppbv	95
56) 1,1,1,2-Tetrachloroethane	12.111	131	1398709	8.411	ppbv #	59
57) Chlorobenzene	12.134	112	2387297	9.028	ppbv	95
58) Ethyl Benzene	12.696	91	4245387	8.769	ppbv	98
59) m/p-Xylene	12.982	91	7297453m	17.118	ppbv	
60) o-Xylene	13.680	91	3472207	8.668	ppbv	99
61) Styrene	13.513	104	2072978	9.664	ppbv	96
62) Isopropylbenzene	14.654	105	5197100	8.729	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.664	83	1739477	7.736	ppbv	99
64) n-propylbenzene	15.545	120	1356255	9.266	ppbv	90
65) tert-Butylbenzene	16.731	119	4733270	8.694	ppbv	96
66) Benzyl Chloride	16.973	91	486983	6.879	ppbv	98
67) sec-Butylbenzene	17.278	105	6469454	8.709	ppbv	98
69) p-Isopropyltoluene	17.638	119	5592726	8.924	ppbv	98
70) n-Butylbenzene	18.532	91	5486216	8.528	ppbv	99
71) 2-Chlorotoluene	15.442	91	3785252	8.337	ppbv	97
72) 4-Ethyltoluene	15.825	105	4220611	8.990	ppbv	99
73) 1,3,5-Trimethylbenzene	15.982	105	3846422	9.083	ppbv	100
74) 1,2,4-Trimethylbenzene	16.748	105	4124970	8.729	ppbv	93
75) 1,3-Dichlorobenzene	16.979	146	2420909	9.051	ppbv	99
76) 1,4-Dichlorobenzene	17.121	146	2364693	8.861	ppbv	99
77) 1,2-Dichlorobenzene	17.799	146	2387583	8.857	ppbv	99
78) Hexachloro-1,3-Butadiene	23.358	225	1779672	7.219	ppbv	99
79) Naphthalene	22.175	128	3505671	9.637	ppbv	99
80) Naphthalene,2-methyl-	24.953	142	1128153	8.347	ppbv	97
81) 1,2,4-Trichlorobenzene	21.905	180	2043062	8.865	ppbv #	100

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

Manual Integrations APPROVED

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun
QLast Update : Wed Jun 01 01:22:18 2022
Response via : Initial Calibration





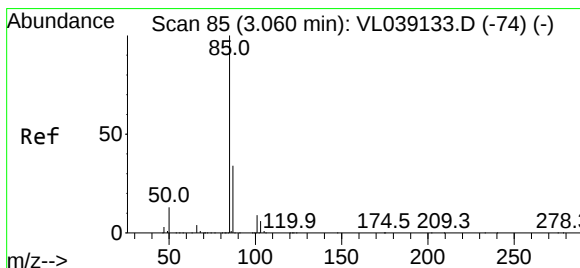
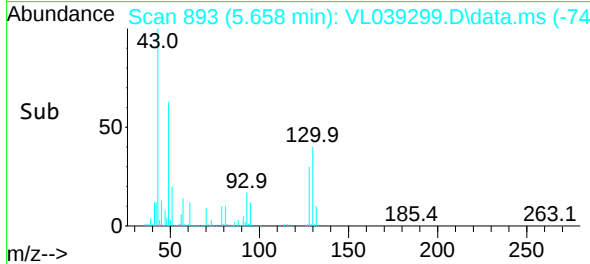
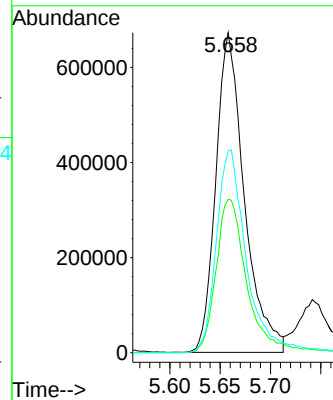
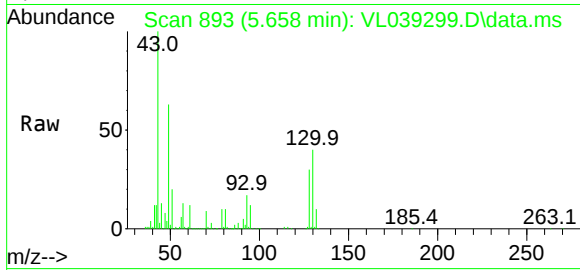
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.658 min Scan# 80
Delta R.T. -0.016 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 49 Resp: 132402
Ion Ratio Lower Upper
49 100
128 52.7 24.7 74.1
130 67.9 31.4 94.0

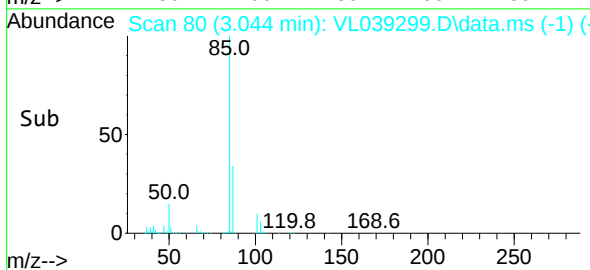
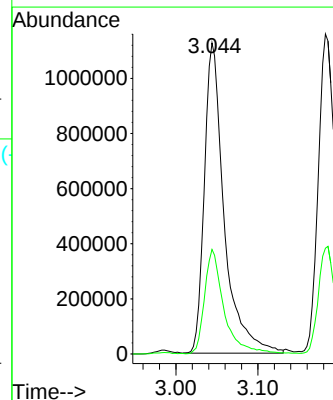
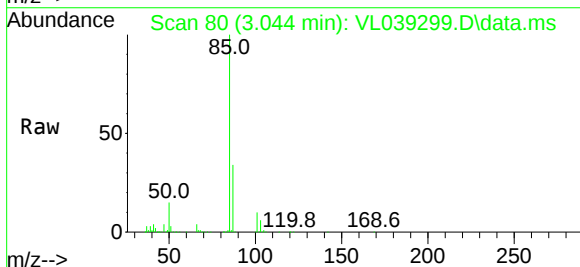
Manual Integrations
APPROVED

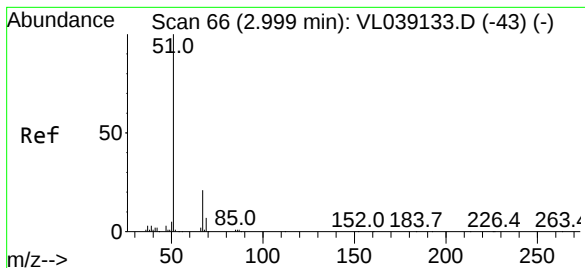
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#2
Dichlorodifluoromethane
Concen: 8.137 ppbv
RT: 3.044 min Scan# 80
Delta R.T. -0.016 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

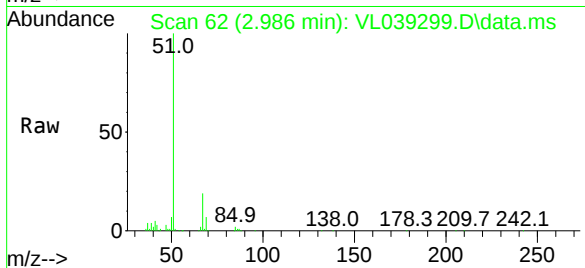
Tgt Ion: 85 Resp: 1892422
Ion Ratio Lower Upper
85 100
87 33.5 26.9 40.3





#3
Chlorodifluoromethane
Concen: 8.702 ppbv
RT: 2.986 min Scan# 61
Delta R.T. -0.013 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

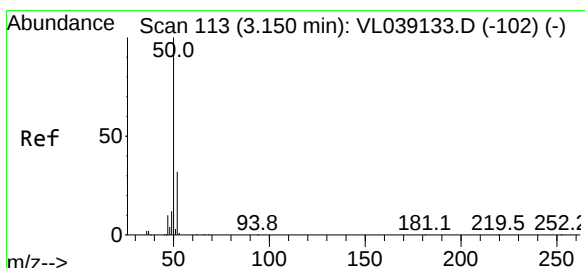
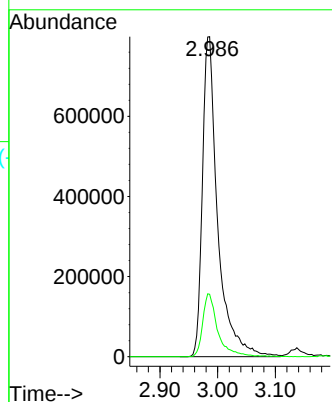
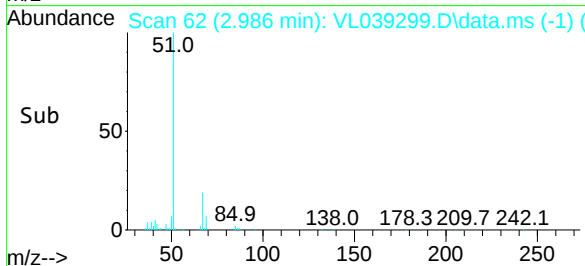
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



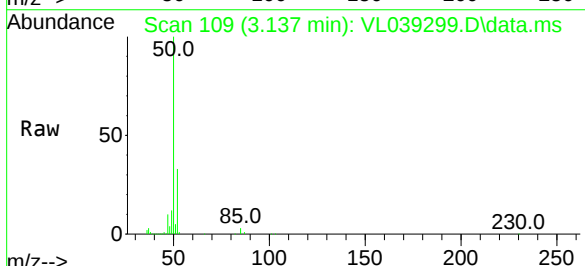
Tgt Ion: 51 Resp: 146598
Ion Ratio Lower Upper
51 100
67 19.6 16.2 24.4

Manual Integrations
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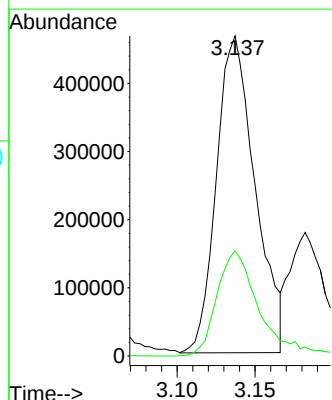
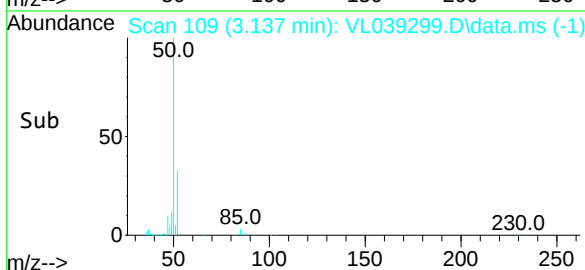
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022

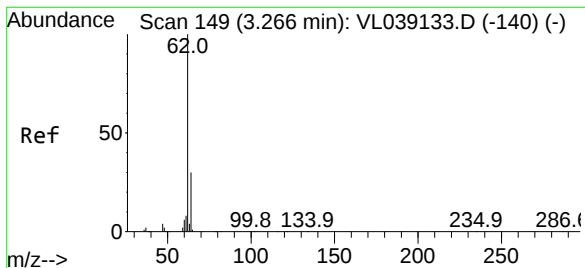


#4
Chloromethane
Concen: 9.298 ppbv
RT: 3.137 min Scan# 109
Delta R.T. -0.013 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13



Tgt Ion: 50 Resp: 804607
Ion Ratio Lower Upper
50 100
52 33.0 25.9 38.9





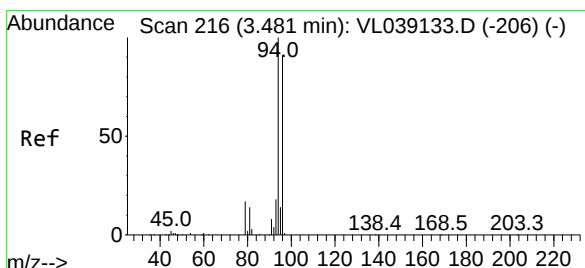
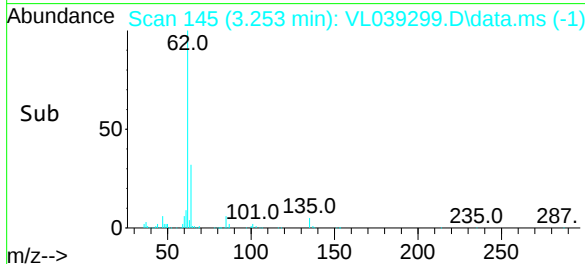
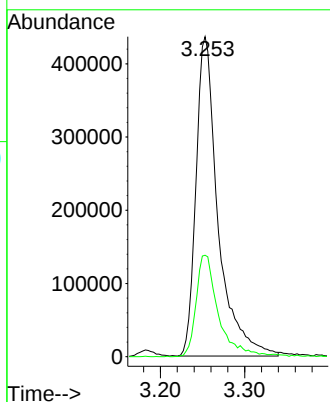
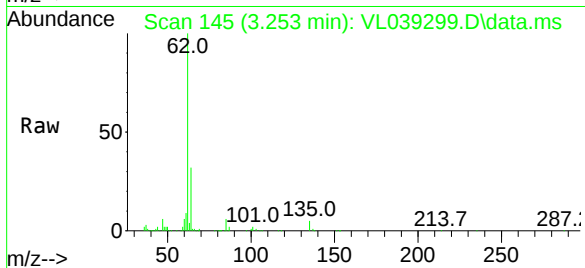
#5
 Vinyl Chloride
 Concen: 9.810 ppbv
 RT: 3.253 min Scan# 149
 Delta R.T. -0.013 min
 Lab File: VL039299.D
 Acq: 15 Jun 2022 16:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 62 Resp: 79355
 Ion Ratio Lower Upper
 62 100
 64 31.7 24.2 36.2

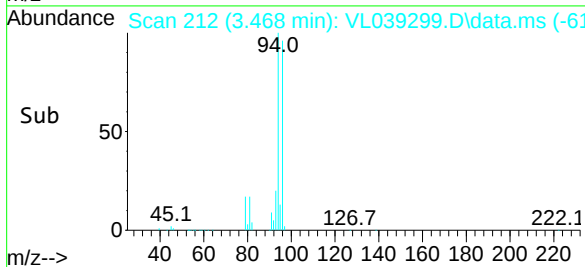
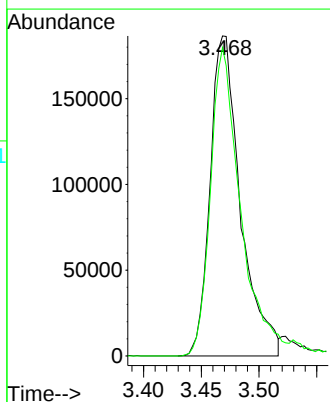
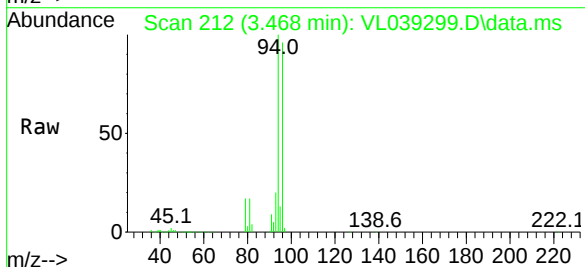
Manual Integrations
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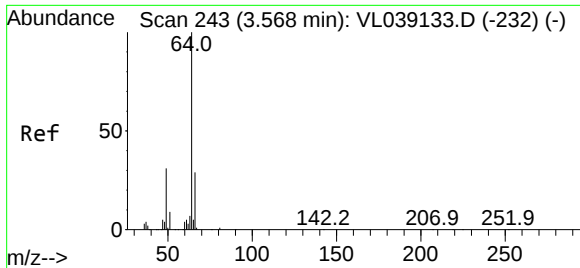
Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/17/2022



#6
 Bromomethane
 Concen: 8.574 ppbv
 RT: 3.468 min Scan# 212
 Delta R.T. -0.013 min
 Lab File: VL039299.D
 Acq: 15 Jun 2022 16:13

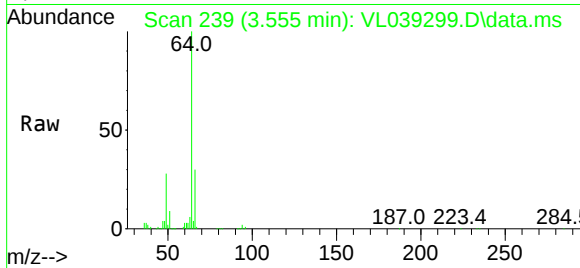
Tgt Ion: 94 Resp: 341211
 Ion Ratio Lower Upper
 94 100
 96 96.3 73.0 109.4





#7
Chloroethane
Concen: 10.415 ppbv
RT: 3.555 min Scan# 21
Delta R.T. -0.013 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

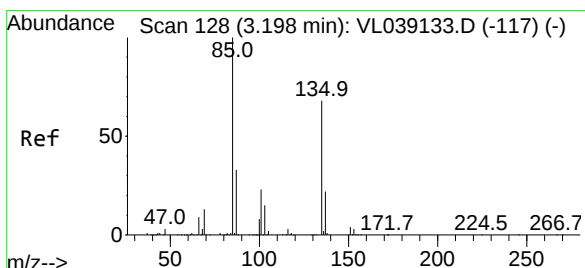
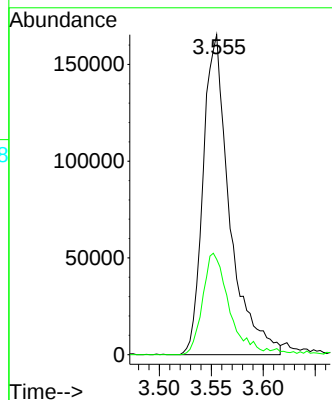
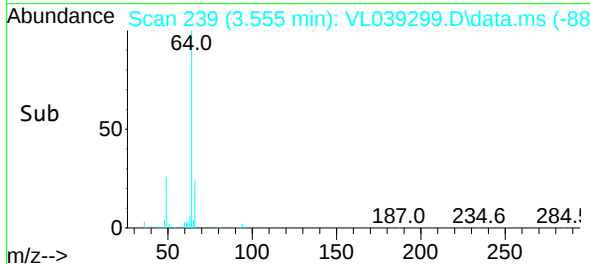
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 64 Resp: 29357
Ion Ratio Lower Upper
64 100
66 29.8 23.6 35.4

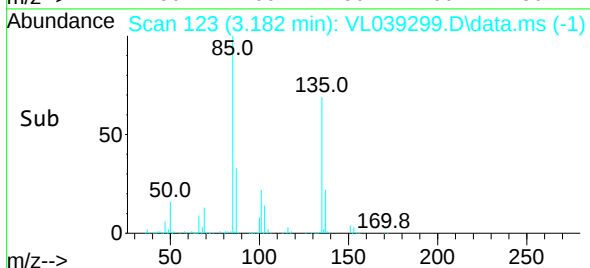
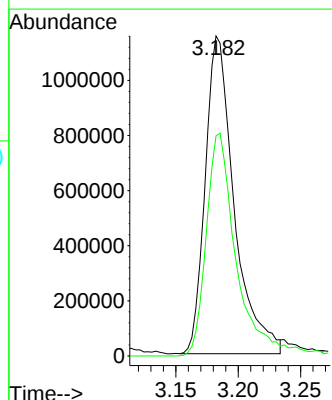
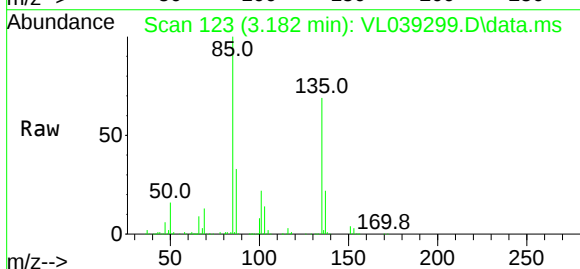
Manual Integrations
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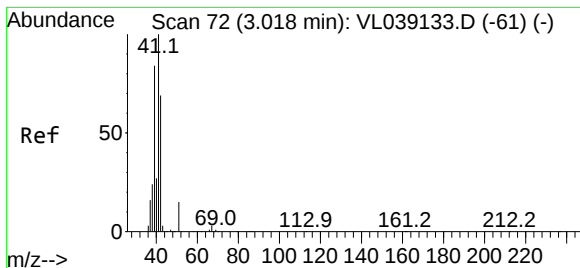
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#8
Dichlorotetrafluoroethane
Concen: 8.768 ppbv
RT: 3.182 min Scan# 123
Delta R.T. -0.016 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

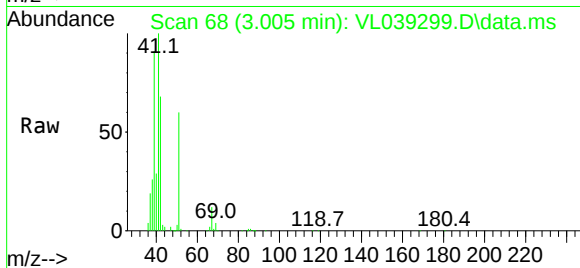
Tgt Ion: 85 Resp: 1863491
Ion Ratio Lower Upper
85 100
135 74.3 55.0 82.4





#9
 Propene
 Concen: 9.146 ppbv
 RT: 3.005 min Scan# 61
 Delta R.T. -0.013 min
 Lab File: VL039299.D
 Acq: 15 Jun 2022 16:13

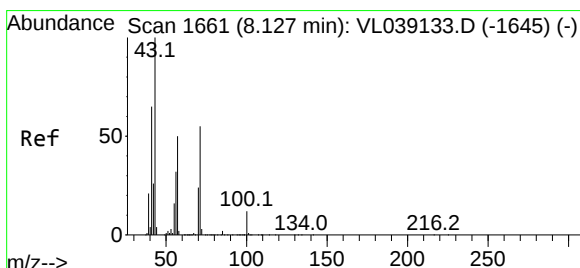
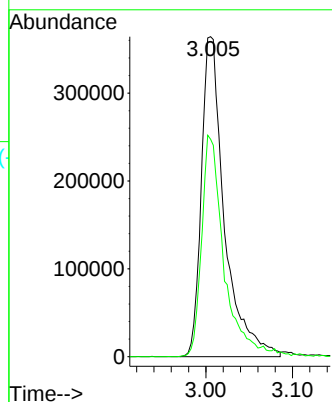
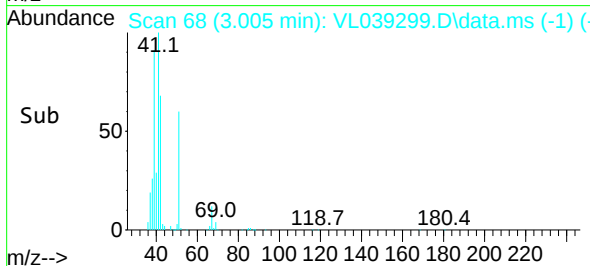
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 67185
 Ion Ratio Lower Upper
 41 100
 42 68.0 55.4 83.2

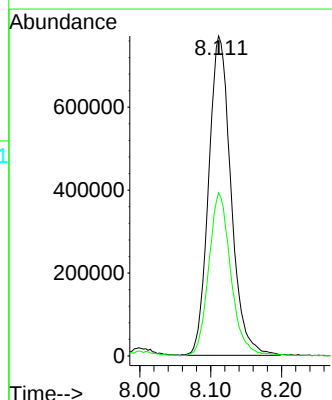
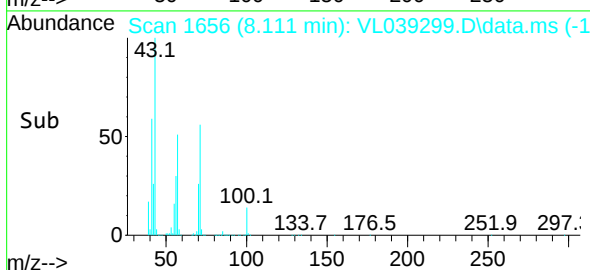
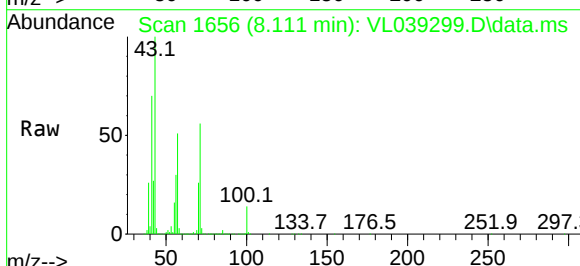
Manual Integrations
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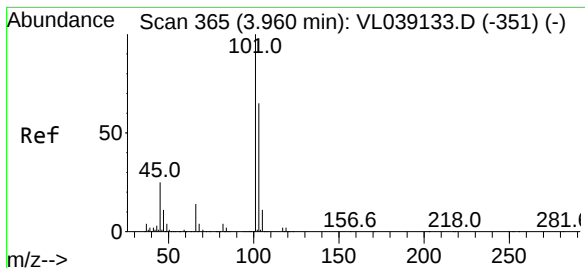
Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/17/2022



#10
 Heptane
 Concen: 9.824 ppbv
 RT: 8.111 min Scan# 1656
 Delta R.T. -0.016 min
 Lab File: VL039299.D
 Acq: 15 Jun 2022 16:13

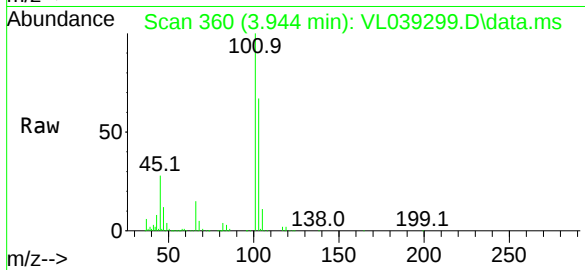
Tgt Ion: 43 Resp: 1683551
 Ion Ratio Lower Upper
 43 100
 57 50.8 41.4 62.2





#11
 Trichlorofluoromethane
 Concen: 8.773 ppbv
 RT: 3.944 min Scan# 30
 Delta R.T. -0.016 min
 Lab File: VL039299.D
 Acq: 15 Jun 2022 16:13

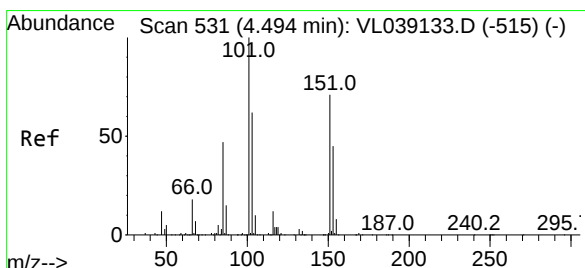
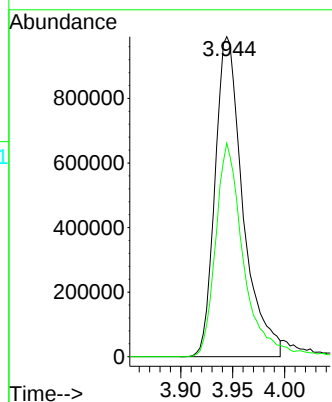
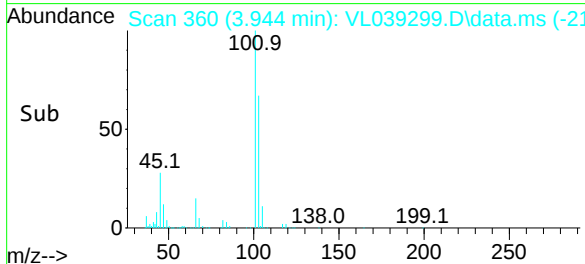
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



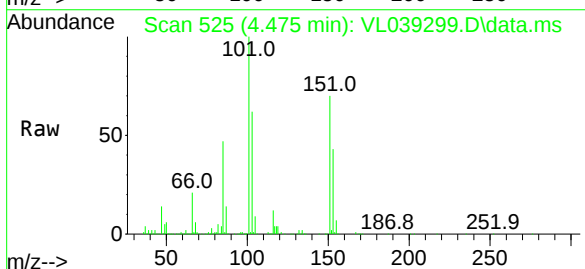
Tgt Ion:101 Resp: 184678
 Ion Ratio Lower Upper
 101 100
 103 66.7 51.7 77.5

Manual Integrations
 APPROVED

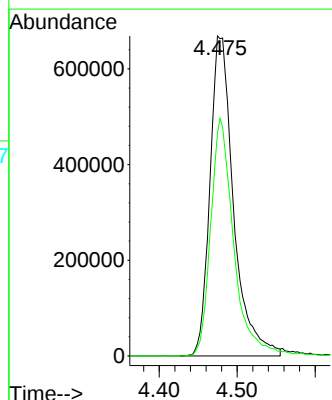
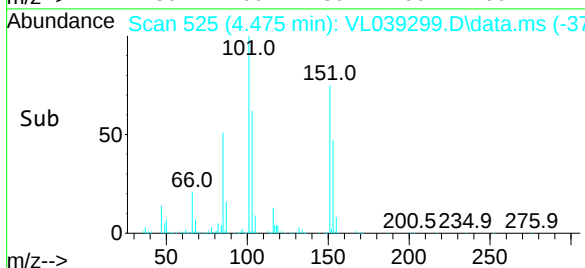
Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/17/2022

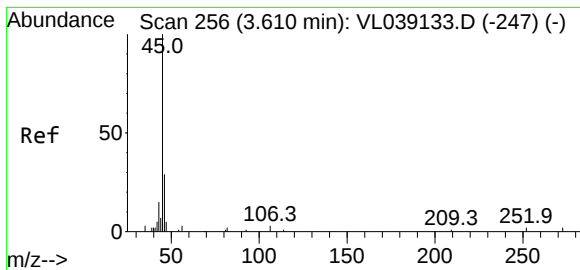


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.114 ppbv
 RT: 4.475 min Scan# 525
 Delta R.T. -0.019 min
 Lab File: VL039299.D
 Acq: 15 Jun 2022 16:13



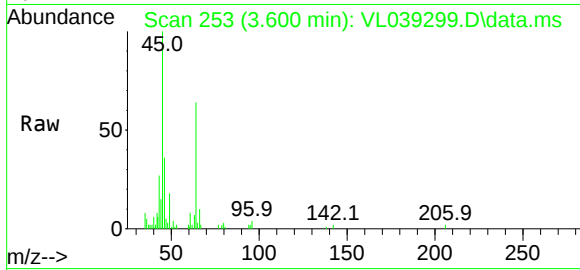
Tgt Ion:101 Resp: 1407993
 Ion Ratio Lower Upper
 101 100
 151 73.1 59.4 89.0





#13
Ethanol
Concen: 10.324 ppbv m
RT: 3.600 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

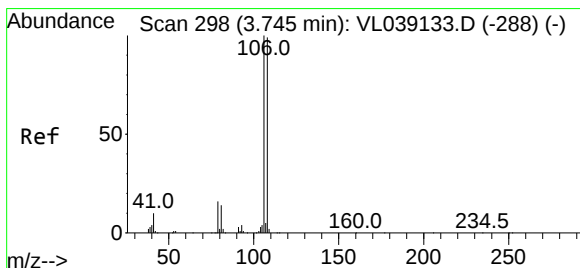
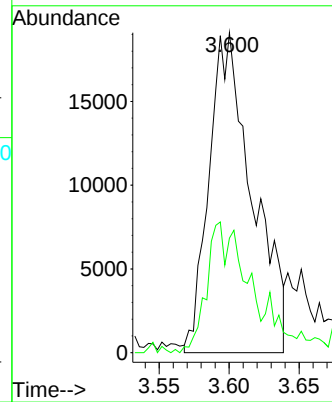
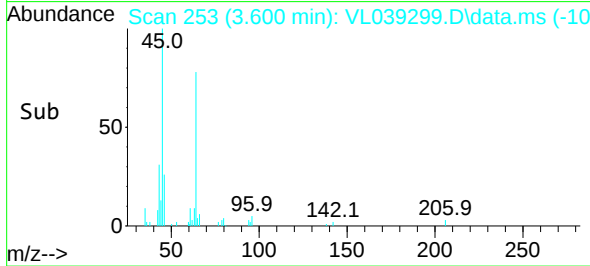
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



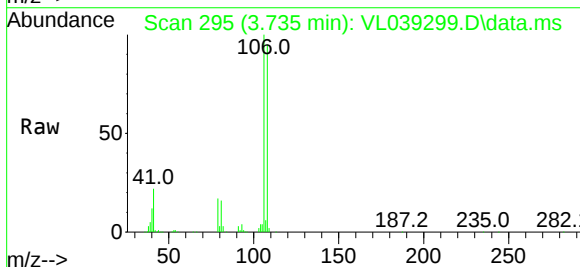
Tgt Ion: 45 Resp: 4135
Ion Ratio Lower Upper
45 100
46 46.7 0.0 0.0

Manual Integrations
APPROVED

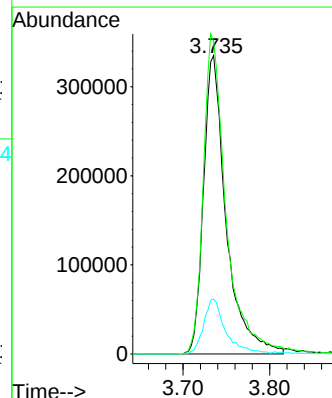
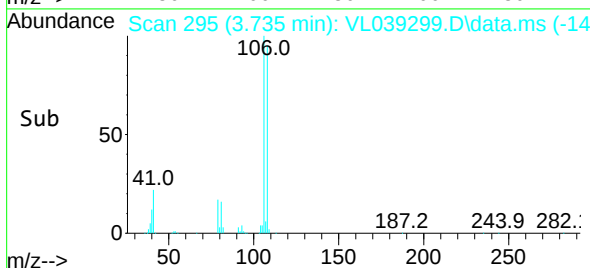
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022

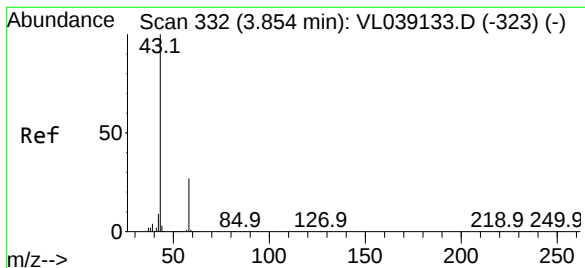


#14
Bromoethene
Concen: 9.714 ppbv
RT: 3.735 min Scan# 295
Delta R.T. -0.010 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13



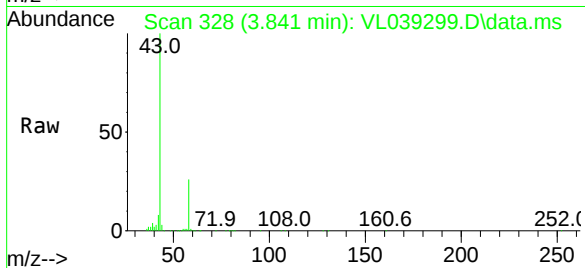
Tgt Ion:108 Resp: 607934
Ion Ratio Lower Upper
108 100
106 109.3 88.4 132.6
79 18.4 13.4 20.2





#15
Acetone
Concen: 10.028 ppbv
RT: 3.841 min Scan# 31
Delta R.T. -0.013 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

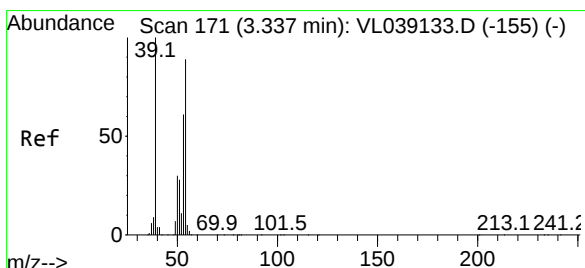
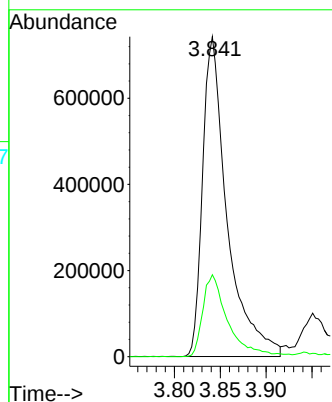
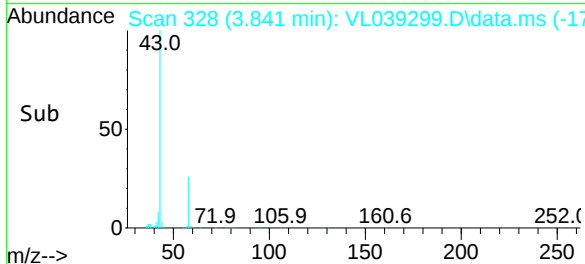
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 1383010
Ion Ratio Lower Upper
43 100
58 26.2 22.5 33.7

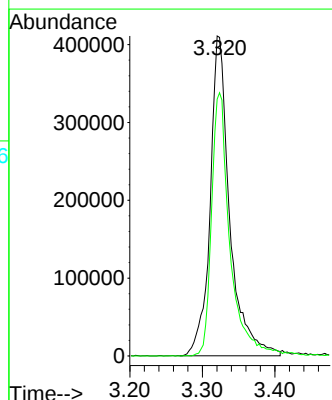
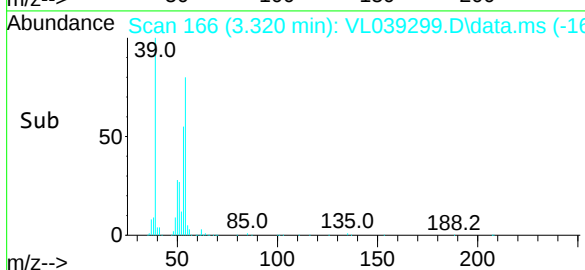
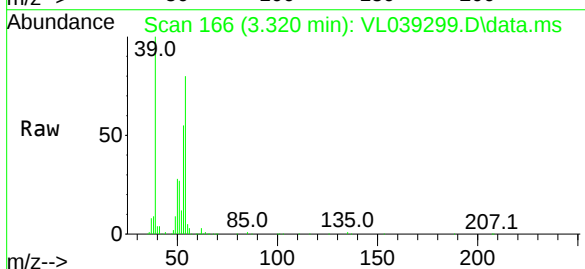
Manual Integrations
APPROVED

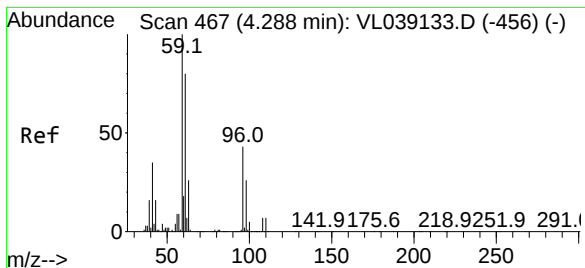
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#16
1,3-Butadiene
Concen: 10.443 ppbv
RT: 3.320 min Scan# 166
Delta R.T. -0.016 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

Tgt Ion: 39 Resp: 774233
Ion Ratio Lower Upper
39 100
54 78.0 65.8 98.6





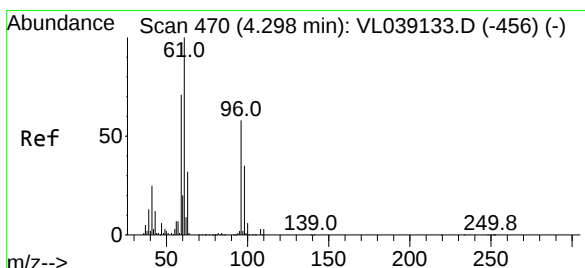
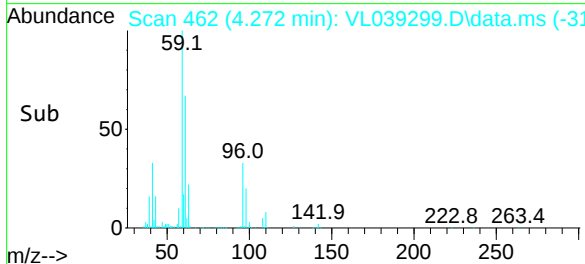
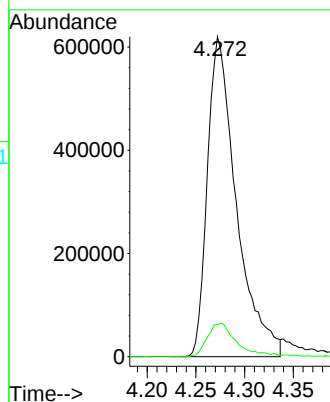
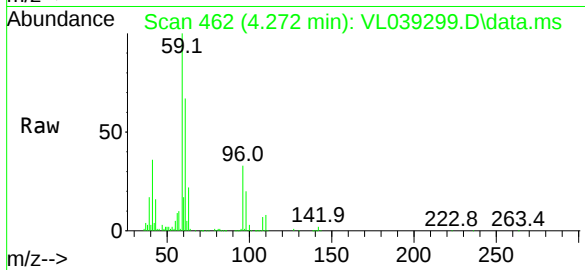
#17
tert-Butyl alcohol
Concen: 11.952 ppbv
RT: 4.272 min Scan# 462
Delta R.T. -0.016 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 1278578
Ion Ratio Lower Upper
59 100
57 10.9 9.1 13.7

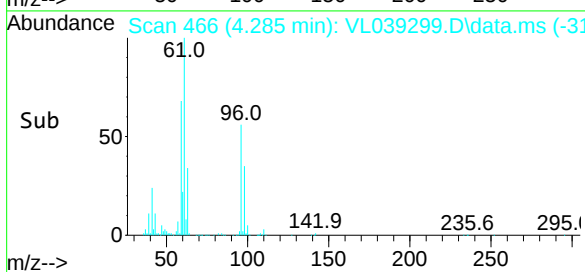
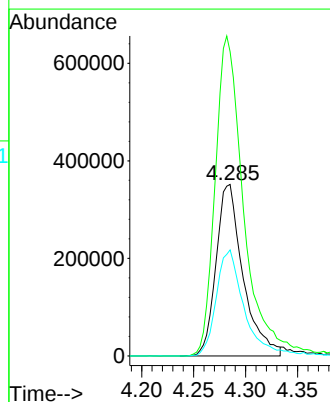
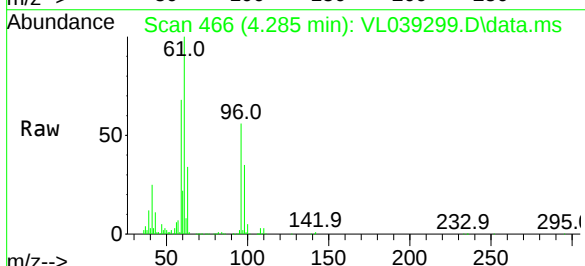
Manual Integrations
APPROVED

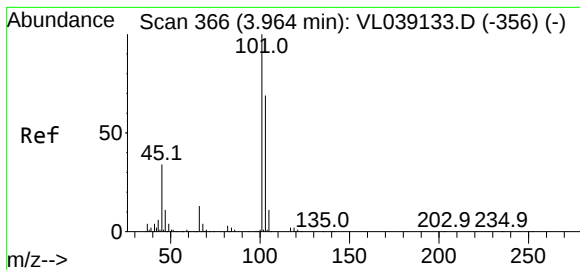
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#18
1,1-Dichloroethene
Concen: 10.169 ppbv
RT: 4.285 min Scan# 466
Delta R.T. -0.013 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

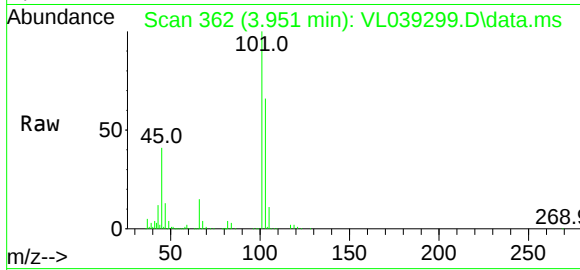
Tgt Ion: 96 Resp: 635034
Ion Ratio Lower Upper
96 100
61 177.4 138.4 207.6
98 61.9 47.8 71.8





#19
Isopropyl Alcohol
Concen: 11.870 ppbv
RT: 3.951 min Scan# 30
Delta R.T. -0.013 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

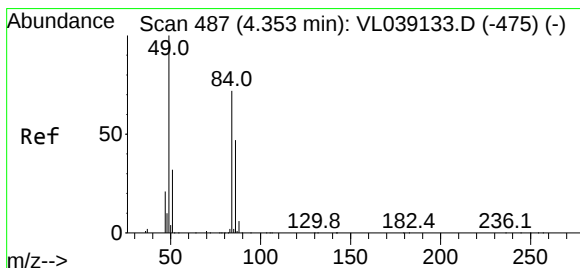
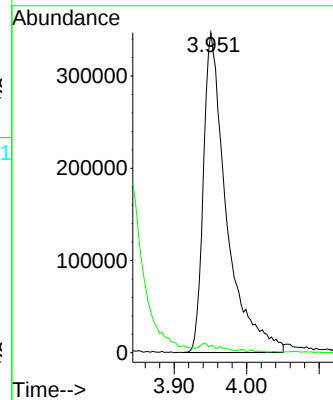
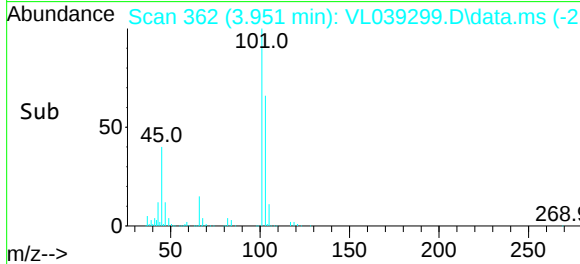
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 45 Resp: 767830
Ion Ratio Lower Upper
45 100
58 3.0 1.8 2.8

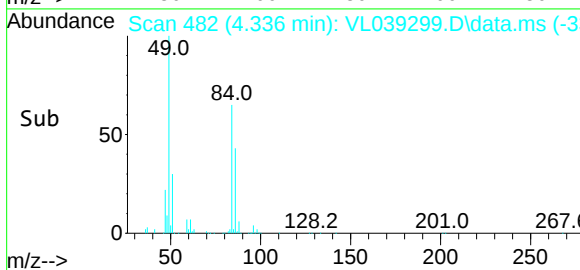
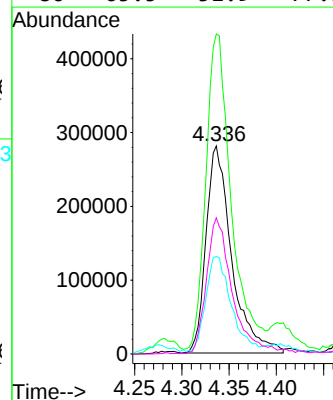
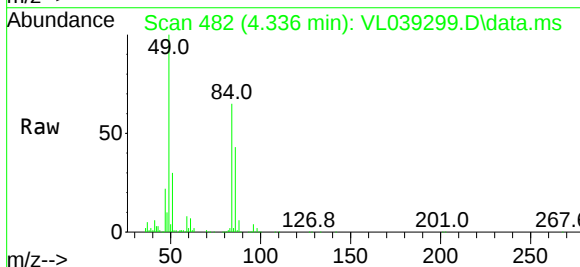
Manual Integrations
APPROVED

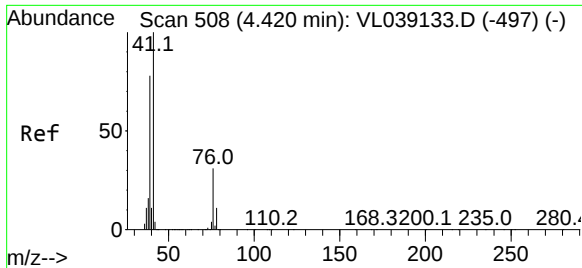
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#20
Methylene Chloride
Concen: 9.132 ppbv
RT: 4.336 min Scan# 482
Delta R.T. -0.016 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

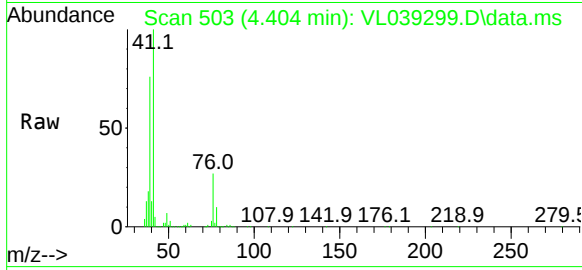
Tgt Ion: 84 Resp: 530759
Ion Ratio Lower Upper
84 100
49 152.2 111.1 166.7
51 45.1 35.3 52.9
86 65.5 51.9 77.9





#21
 Allyl Chloride
 Concen: 10.864 ppbv
 RT: 4.404 min Scan# 508
 Delta R.T. -0.016 min
 Lab File: VL039299.D
 Acq: 15 Jun 2022 16:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

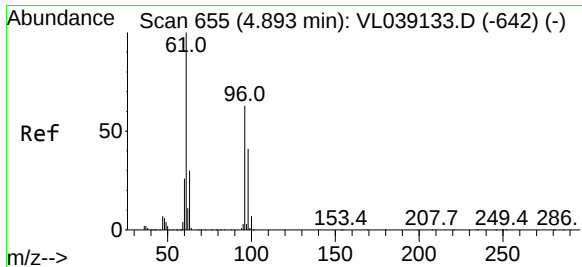
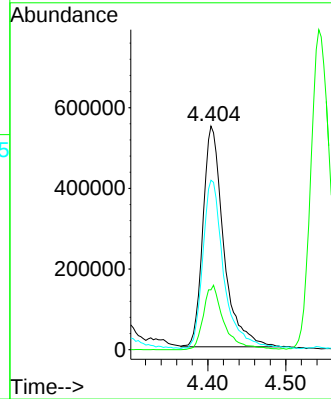
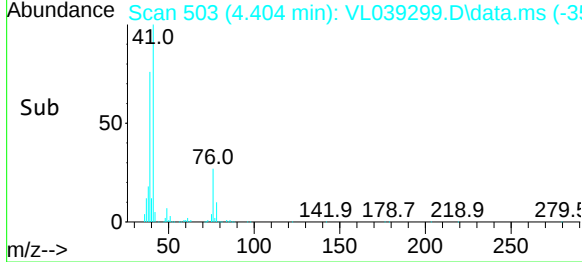


Tgt Ion: 41 Resp: 1010789

Ion	Ratio	Lower	Upper
41	100		
76	28.8	24.2	36.2
39	78.0	62.2	93.2

Manual Integrations
 APPROVED

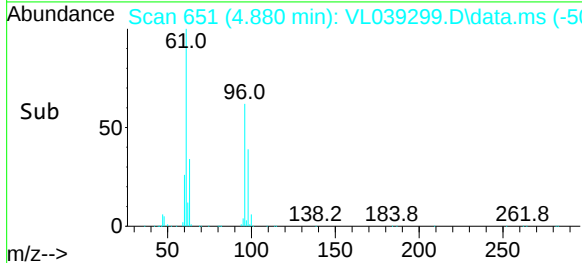
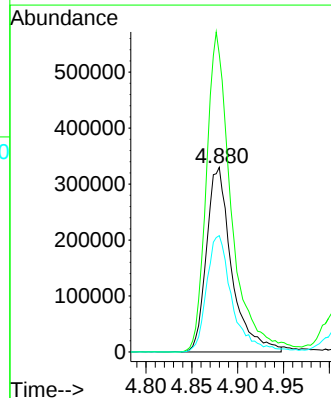
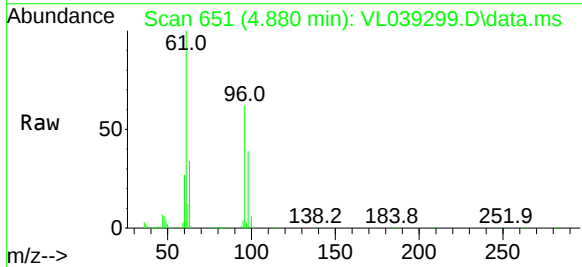
Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/17/2022

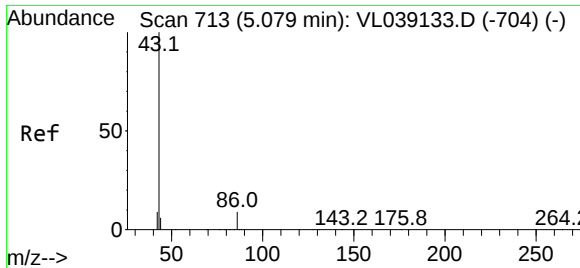


#22
 trans-1,2-Dichloroethene
 Concen: 10.498 ppbv
 RT: 4.880 min Scan# 651
 Delta R.T. -0.013 min
 Lab File: VL039299.D
 Acq: 15 Jun 2022 16:13

Tgt Ion: 96 Resp: 630795

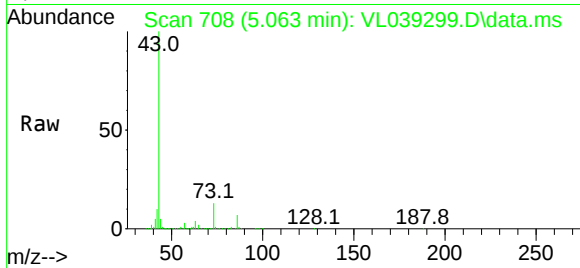
Ion	Ratio	Lower	Upper
96	100		
61	161.0	126.6	190.0
98	63.0	52.5	78.7





#23
 Vinyl Acetate
 Concen: 10.435 ppbv
 RT: 5.063 min Scan# 708
 Delta R.T. -0.016 min
 Lab File: VL039299.D
 Acq: 15 Jun 2022 16:13

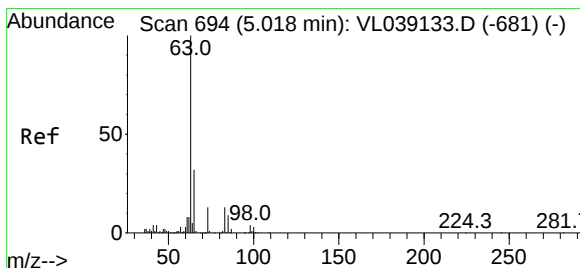
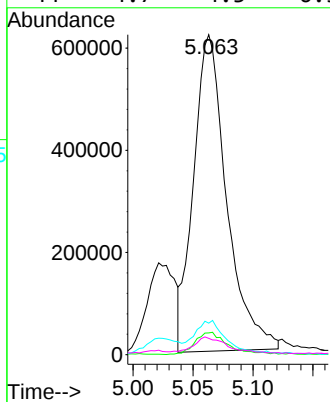
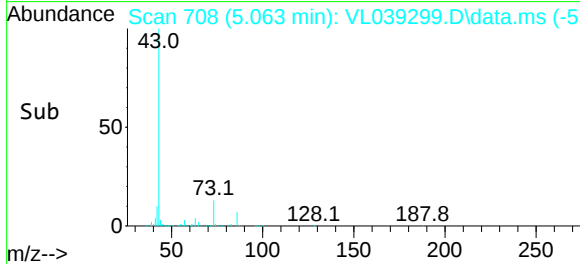
Instrument : MSVOA_L
 ClientSampleId : VSTDCCC010



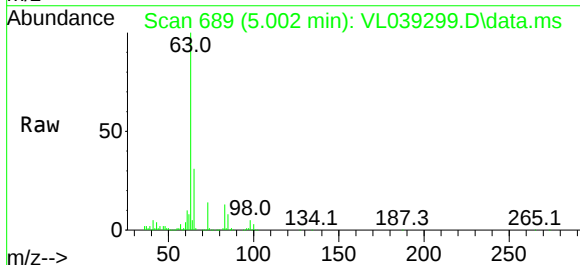
Tgt Ion: 43 Resp: 1190790
 Ion Ratio Lower Upper
 43 100
 86 6.9 6.0 9.0
 42 9.8 8.2 12.4
 44 4.7 4.3 6.5

Manual Integrations
 APPROVED

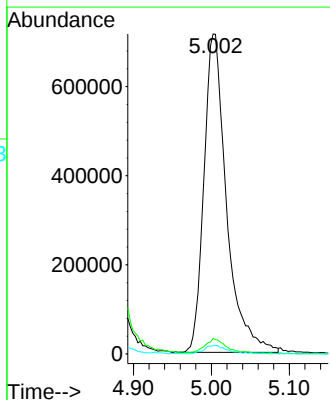
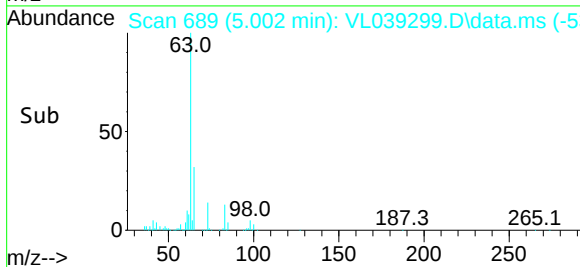
Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/17/2022

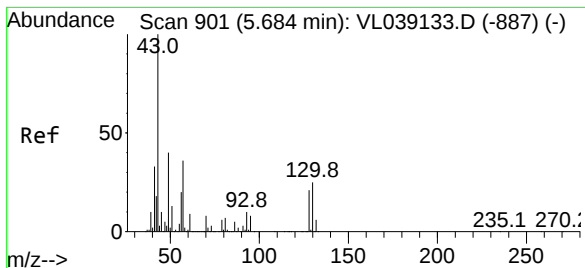


#24
 1,1-Dichloroethane
 Concen: 9.225 ppbv
 RT: 5.002 min Scan# 689
 Delta R.T. -0.016 min
 Lab File: VL039299.D
 Acq: 15 Jun 2022 16:13



Tgt Ion: 63 Resp: 1442412
 Ion Ratio Lower Upper
 63 100
 98 4.7 2.1 6.2
 100 2.5 1.5 4.5





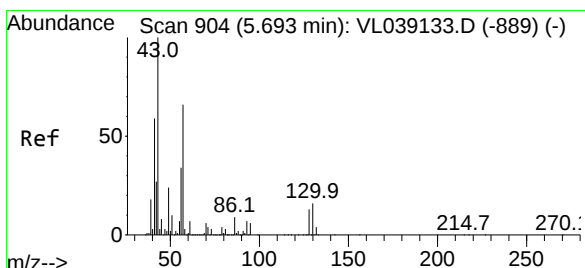
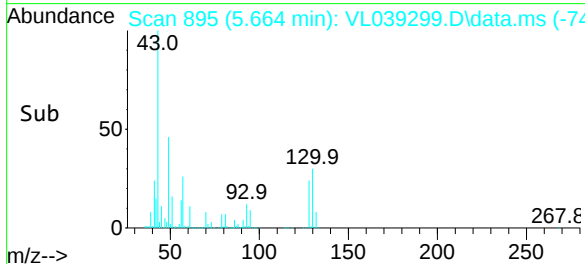
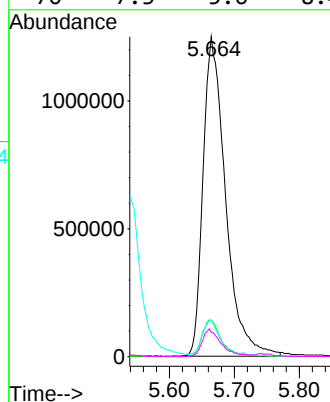
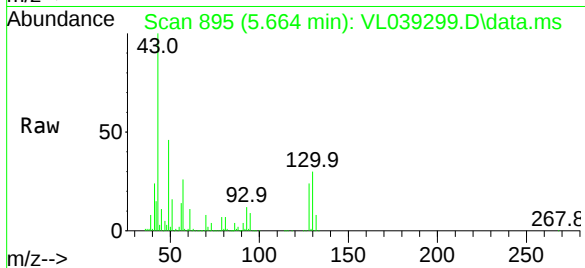
#25
Ethyl Acetate
Concen: 9.685 ppbv
RT: 5.664 min Scan# 895
Delta R.T. -0.019 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 43 Resp: 301047
Ion Ratio Lower Upper
43 100
45 10.1 8.2 12.2
61 10.1 8.4 12.6
70 7.3 5.6 8.4

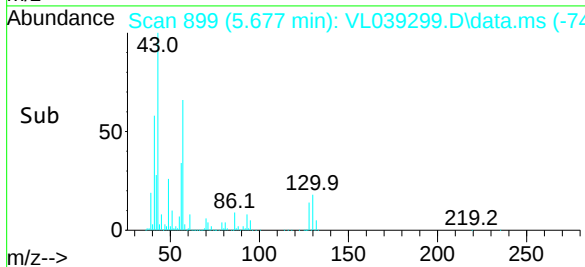
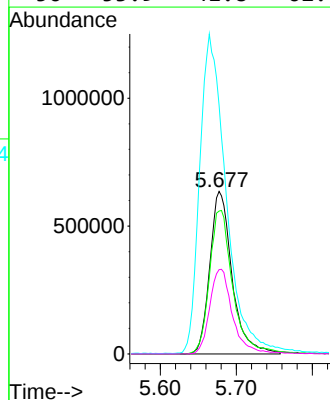
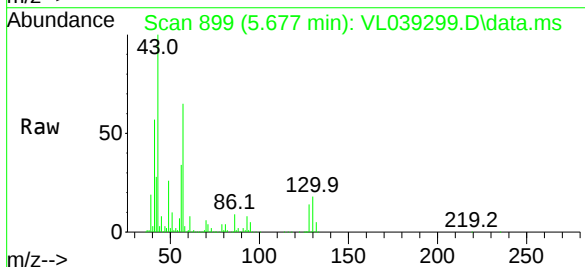
Manual Integrations
APPROVED

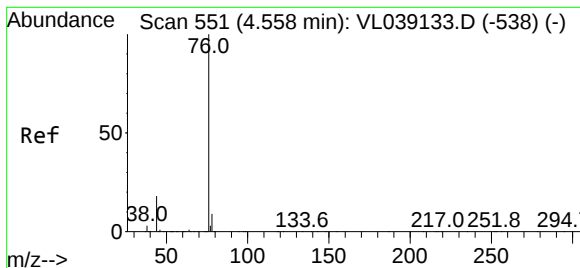
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#26
Hexane
Concen: 9.454 ppbv
RT: 5.677 min Scan# 899
Delta R.T. -0.016 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

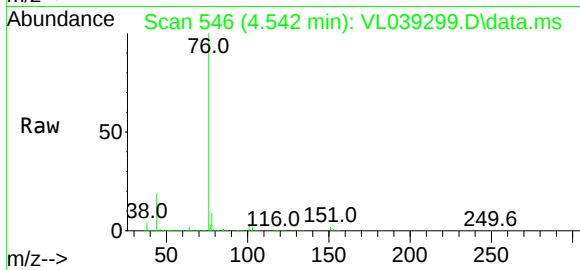
Tgt Ion: 57 Resp: 1291530
Ion Ratio Lower Upper
57 100
41 92.9 72.4 108.6
43 236.5 187.0 280.6
56 53.9 41.8 62.6





#27
Carbon Disulfide
Concen: 10.950 ppbv
RT: 4.542 min Scan# 54
Delta R.T. -0.016 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

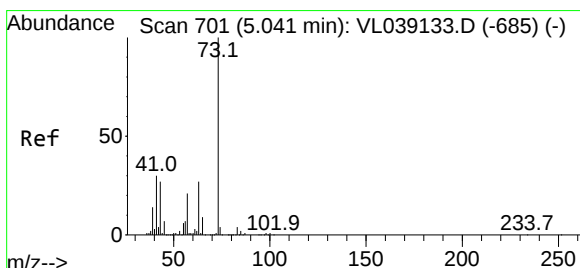
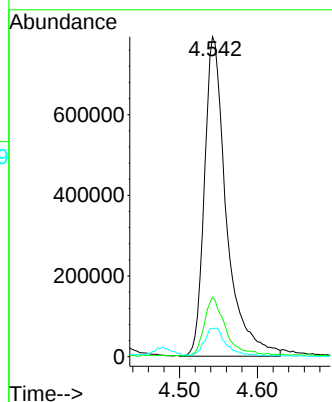
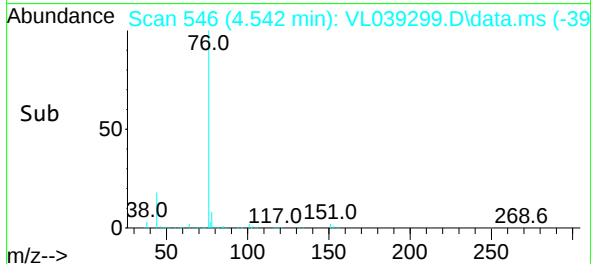
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 155034
Ion Ratio Lower Upper
76 100
44 18.3 14.4 21.6
78 9.8 7.7 11.5

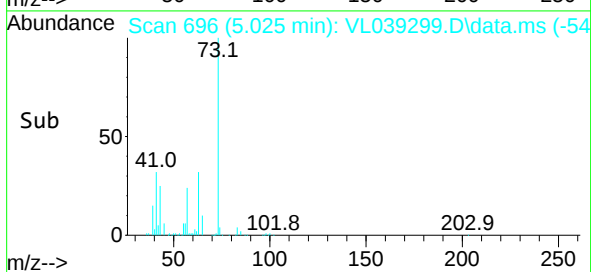
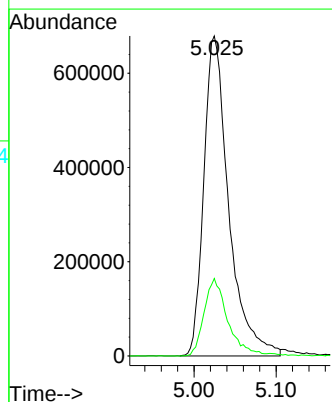
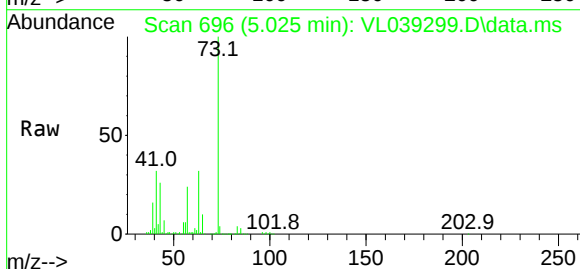
Manual Integrations
APPROVED

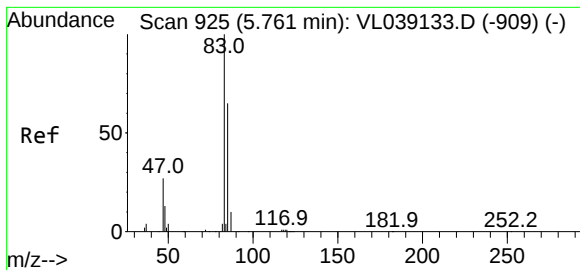
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#28
Methyl tert-Butyl Ether
Concen: 9.506 ppbv
RT: 5.025 min Scan# 696
Delta R.T. -0.016 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

Tgt Ion: 73 Resp: 1433601
Ion Ratio Lower Upper
73 100
57 23.6 18.6 27.8





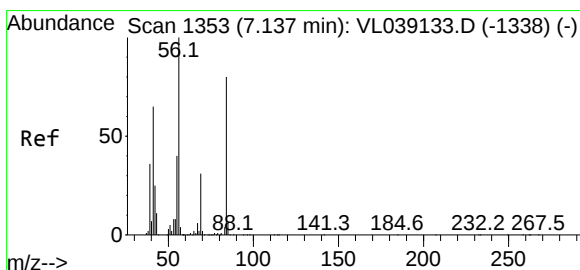
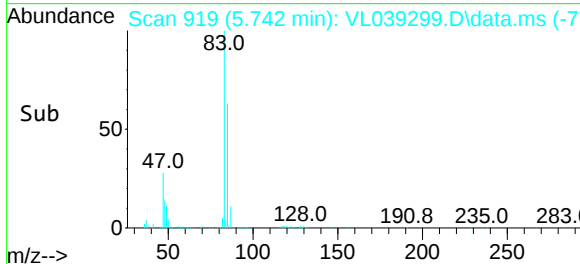
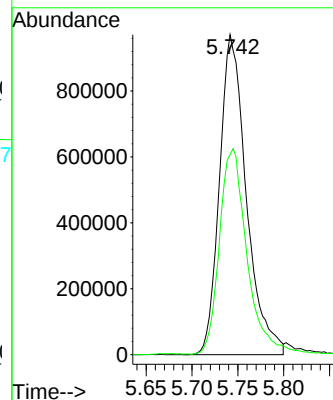
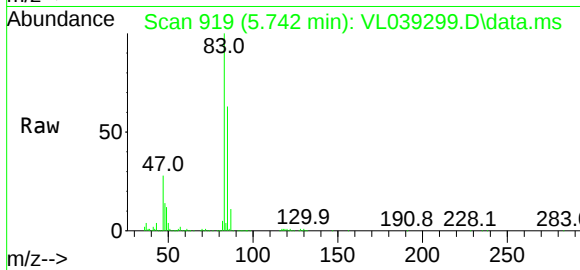
#29
Chloroform
Concen: 8.600 ppbv
RT: 5.742 min Scan# 919
Delta R.T. -0.019 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion: 83 Resp: 1976820
Ion Ratio Lower Upper
83 100
85 62.4 52.4 78.6

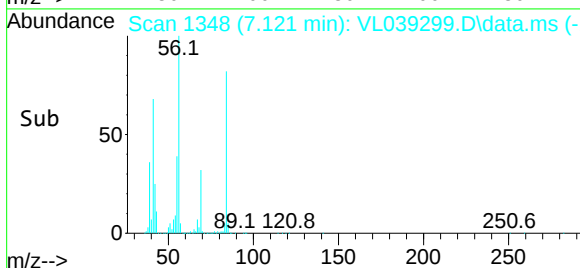
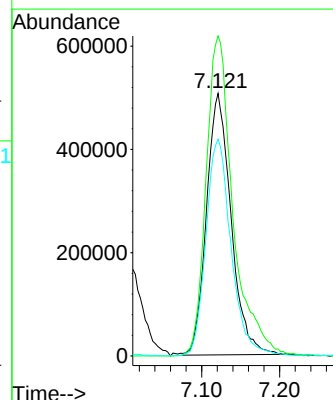
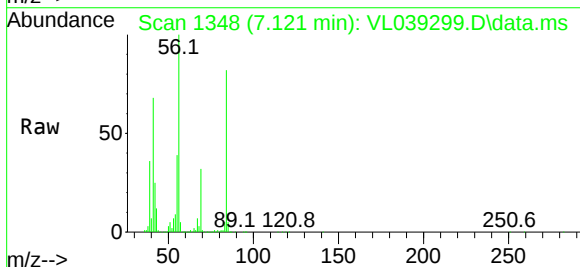
Manual Integrations
APPROVED

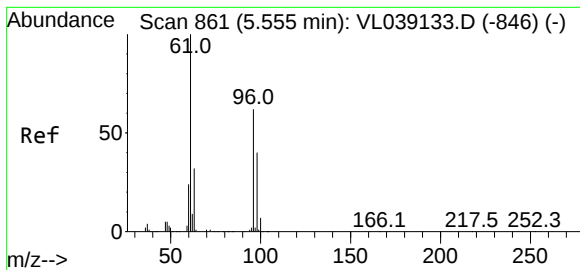
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#30
Cyclohexane
Concen: 9.667 ppbv
RT: 7.121 min Scan# 1348
Delta R.T. -0.016 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

Tgt Ion: 84 Resp: 1109392
Ion Ratio Lower Upper
84 100
56 134.6 110.6 165.8
41 85.2 68.9 103.3





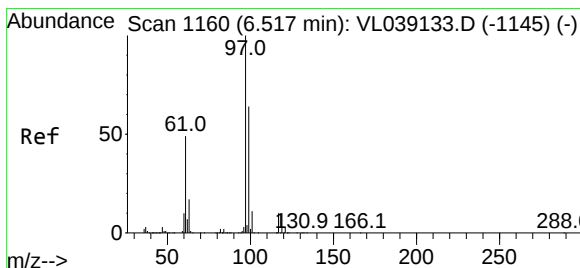
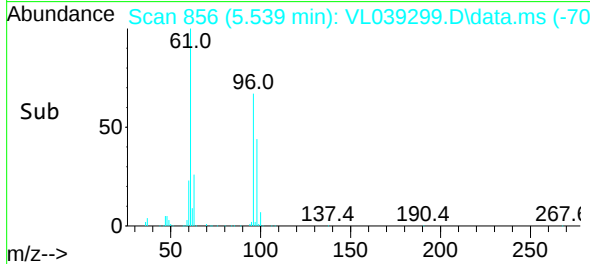
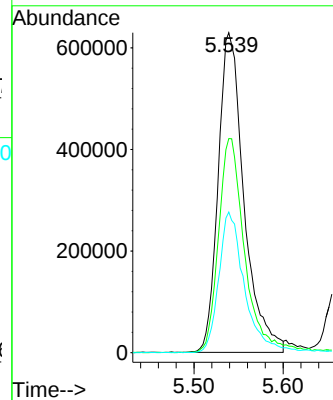
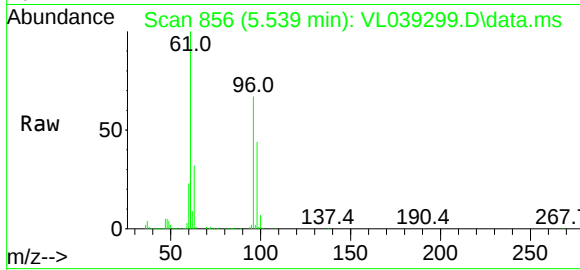
#31
cis-1,2-Dichloroethene
Concen: 9.100 ppbv
RT: 5.539 min Scan# 81
Delta R.T. -0.016 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 1267472
Ion Ratio Lower Upper
61 100
96 66.8 49.9 74.9
98 44.0 32.0 48.0

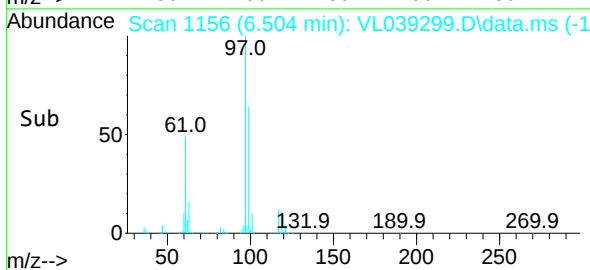
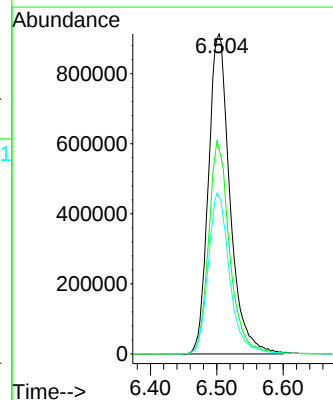
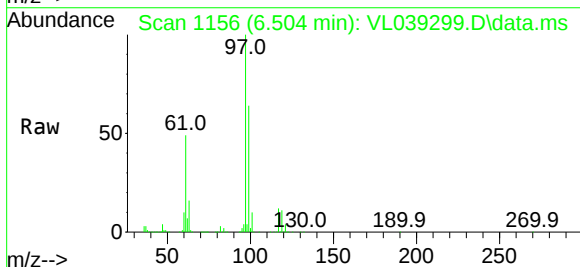
Manual Integrations
APPROVED

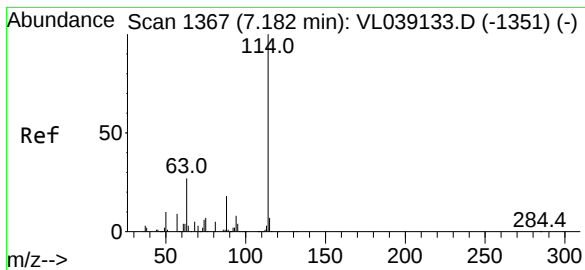
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#32
1,1,1-Trichloroethane
Concen: 9.176 ppbv
RT: 6.504 min Scan# 1156
Delta R.T. -0.013 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

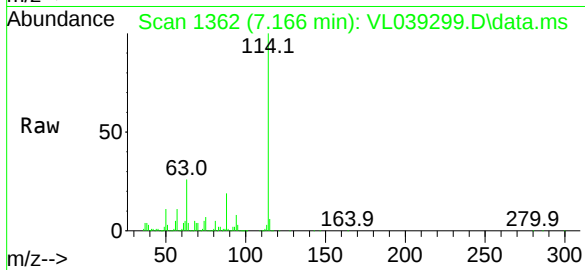
Tgt Ion: 97 Resp: 2064070
Ion Ratio Lower Upper
97 100
99 64.9 52.1 78.1
61 50.1 40.0 60.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.166 min Scan# 114
Delta R.T. -0.016 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

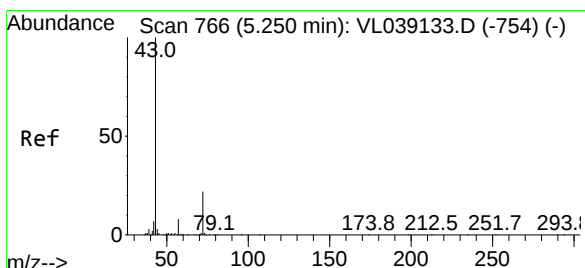
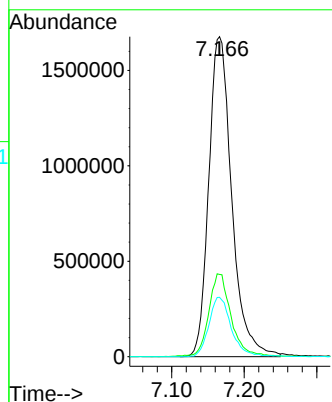
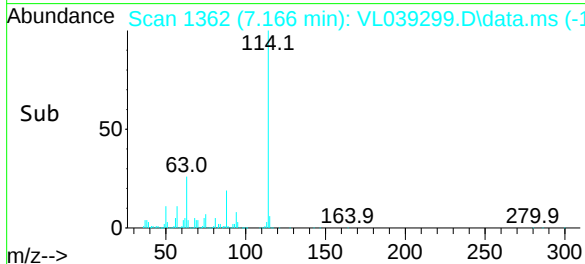
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



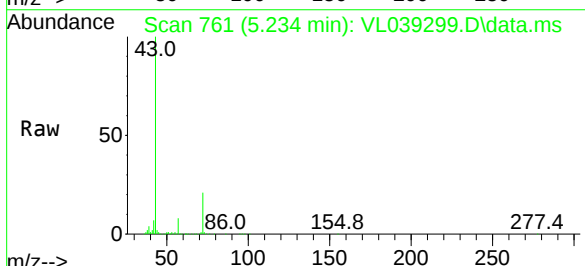
Tgt Ion:114 Resp: 3690020
Ion Ratio Lower Upper
114 100
63 25.2 21.7 32.5
88 18.3 14.8 22.2

Manual Integrations
APPROVED

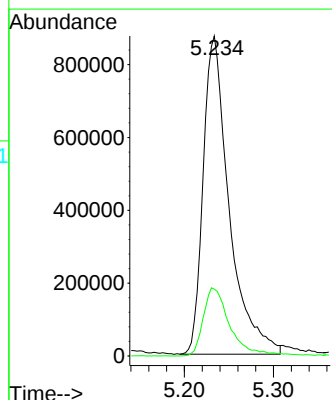
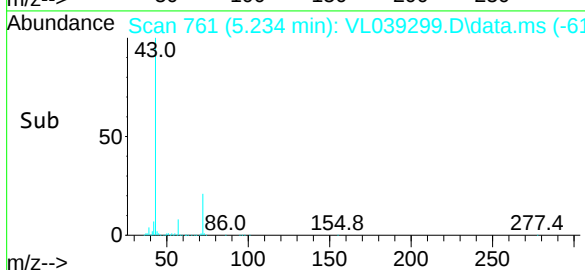
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022

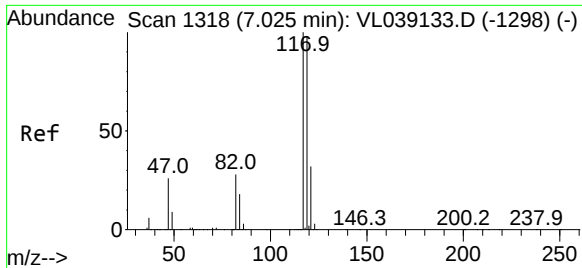


#34
2-Butanone
Concen: 8.831 ppbv
RT: 5.234 min Scan# 761
Delta R.T. -0.016 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13



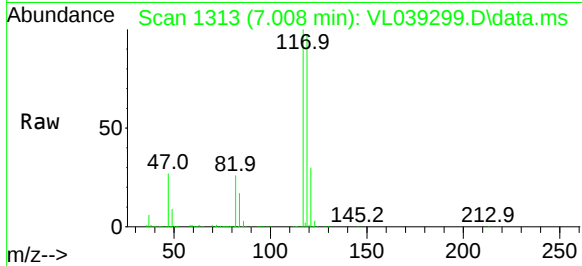
Tgt Ion: 43 Resp: 1770386
Ion Ratio Lower Upper
43 100
72 22.5 18.2 27.2





#35
Carbon Tetrachloride
Concen: 7.910 ppbv
RT: 7.008 min Scan# 1117
Delta R.T. -0.016 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

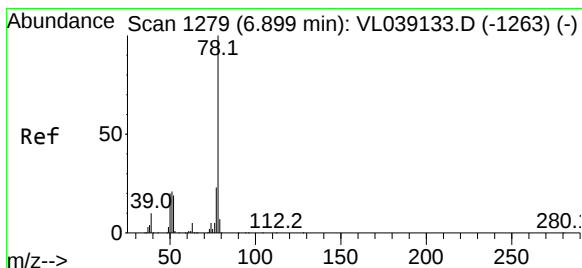
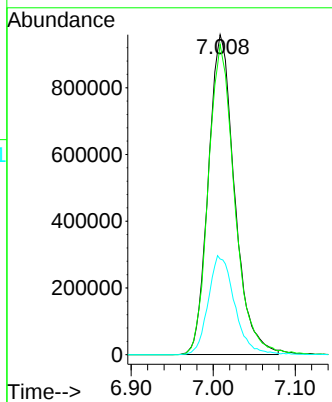
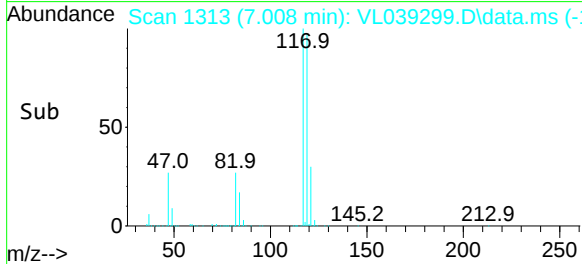
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



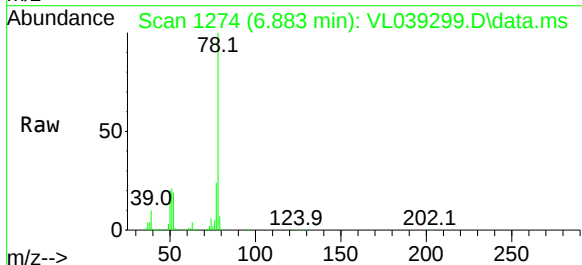
Tgt Ion: 117 Resp: 2130390
Ion Ratio Lower Upper
117 100
119 97.0 78.6 118.0
121 29.9 25.4 38.0

Manual Integrations
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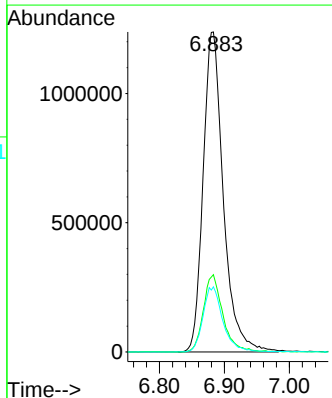
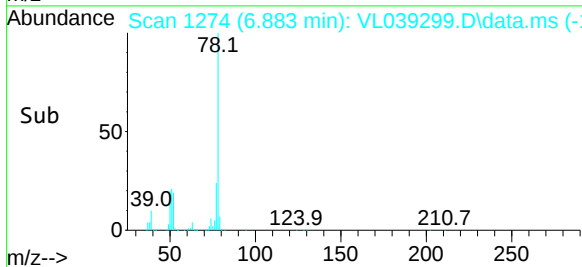
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022

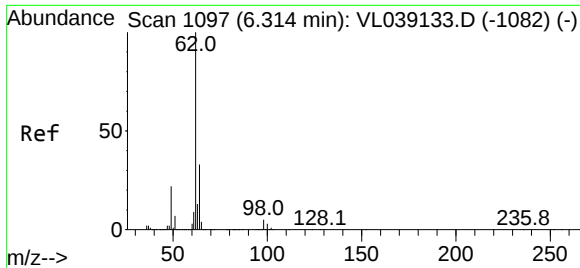


#36
Benzene
Concen: 8.939 ppbv
RT: 6.883 min Scan# 1274
Delta R.T. -0.016 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13



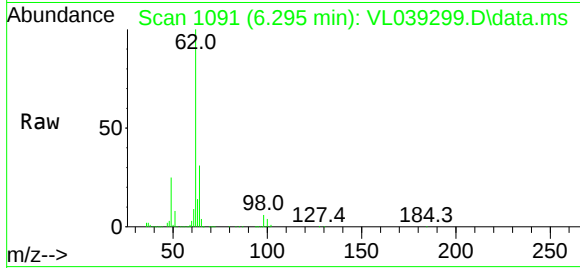
Tgt Ion: 78 Resp: 2677921
Ion Ratio Lower Upper
78 100
77 24.1 18.6 27.8
50 20.3 15.8 23.8





#37
1,2-Dichloroethane
Concen: 7.816 ppbv
RT: 6.295 min Scan# 1097
Delta R.T. -0.019 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

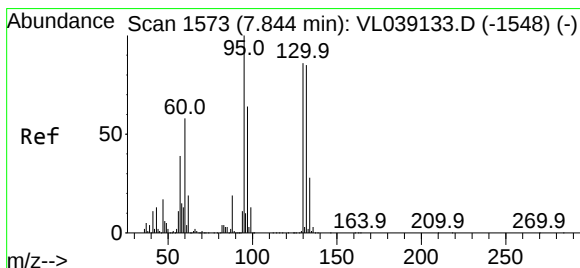
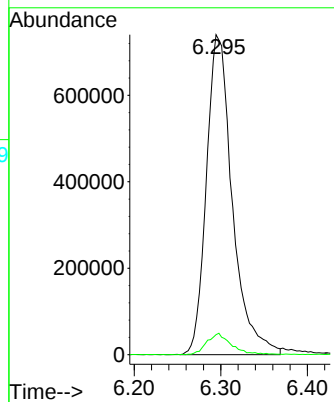
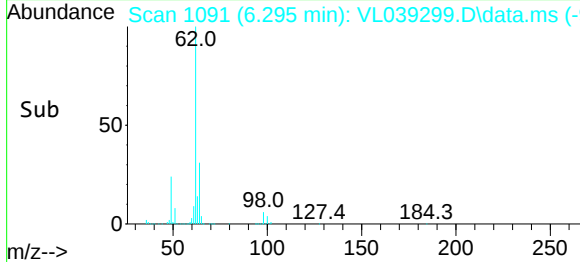
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 62 Resp: 1540890
Ion Ratio Lower Upper
62 100
98 6.3 4.3 6.5

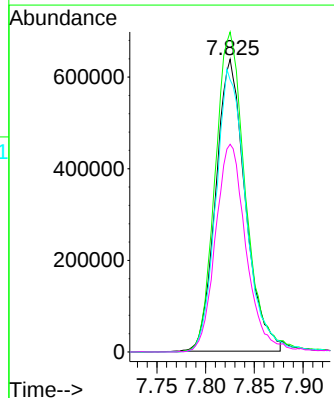
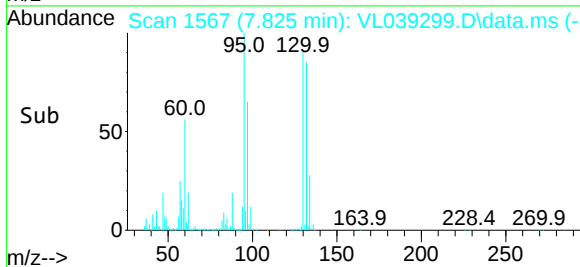
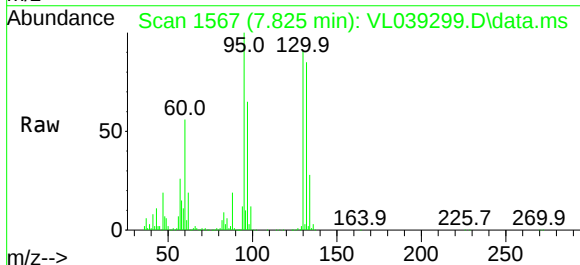
Manual Integrations
APPROVED

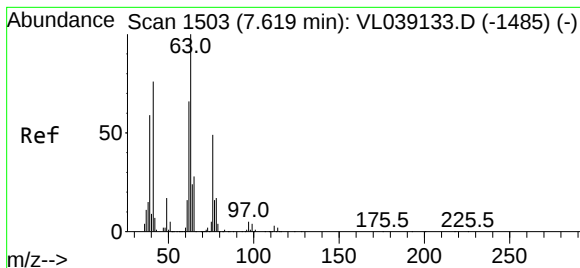
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#38
Trichloroethene
Concen: 9.785 ppbv
RT: 7.825 min Scan# 1567
Delta R.T. -0.019 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

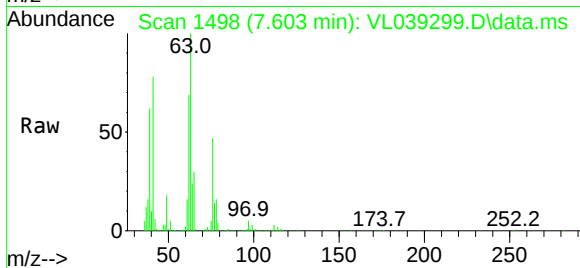
Tgt Ion:130 Resp: 1346368
Ion Ratio Lower Upper
130 100
95 109.6 93.3 139.9
132 93.2 79.0 118.4
97 71.0 59.4 89.2





#39
1,2-Dichloropropane
Concen: 8.439 ppbv
RT: 7.603 min Scan# 14
Delta R.T. -0.016 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

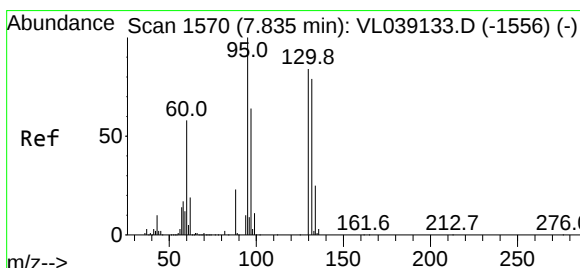
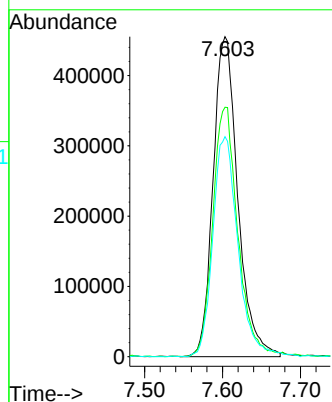
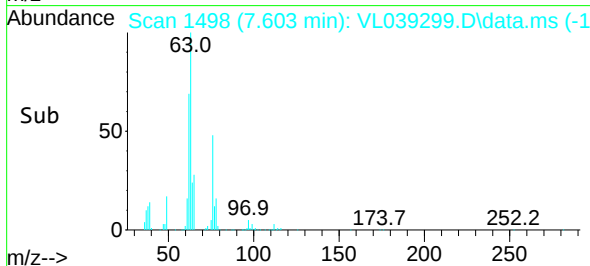
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



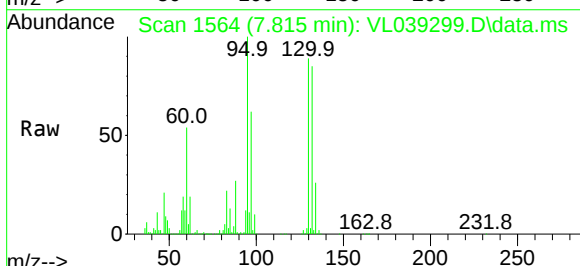
Tgt Ion: 63 Resp: 100559
Ion Ratio Lower Upper
63 100
41 77.8 60.8 91.2
62 68.7 52.9 79.3

Manual Integrations
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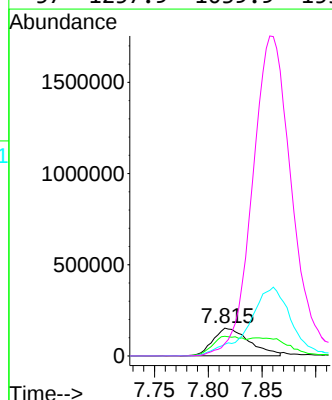
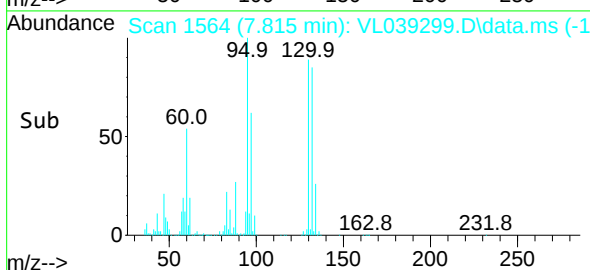
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022

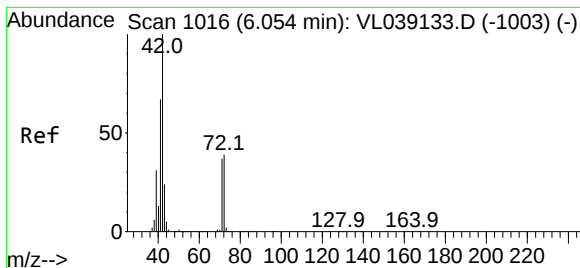


#40
1,4-Dioxane
Concen: 9.115 ppbv
RT: 7.815 min Scan# 1564
Delta R.T. -0.019 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13



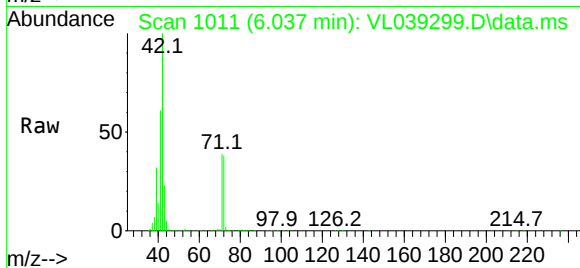
Tgt Ion: 88 Resp: 357562
Ion Ratio Lower Upper
88 100
58 134.7 111.2 166.8
43 293.6 234.2 351.4
57 1257.9 1039.9 1559.9





#41
Tetrahydrofuran
Concen: 8.535 ppbv
RT: 6.037 min Scan# 1016
Delta R.T. -0.016 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

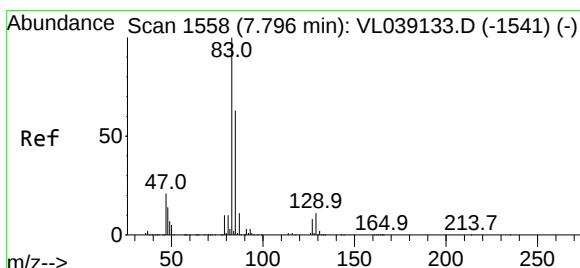
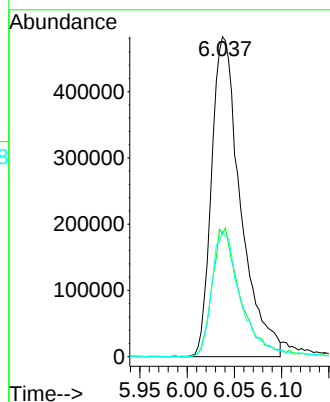
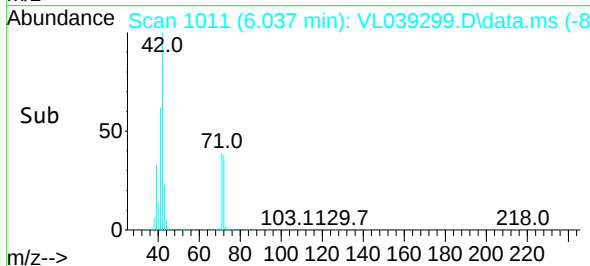
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 1029030
Ion Ratio Lower Upper
42 100
72 40.5 32.0 48.0
71 39.8 31.1 46.7

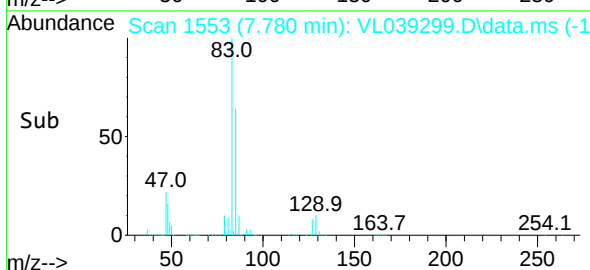
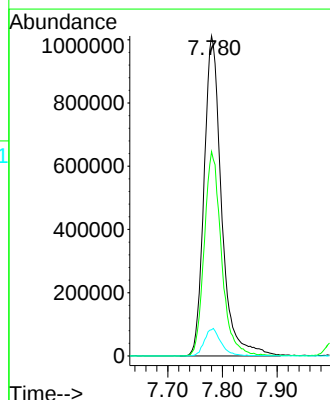
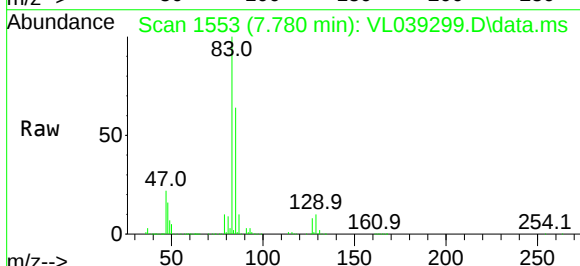
Manual Integrations
APPROVED

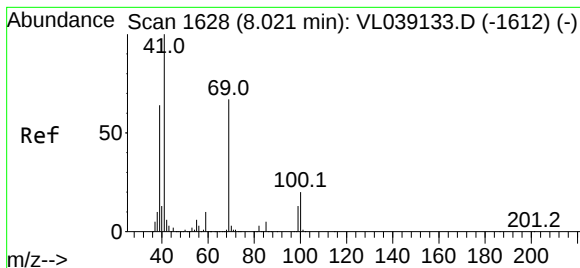
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#42
Bromodichloromethane
Concen: 8.189 ppbv
RT: 7.780 min Scan# 1553
Delta R.T. -0.016 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

Tgt Ion: 83 Resp: 2240708
Ion Ratio Lower Upper
83 100
85 63.9 50.2 75.4
127 8.2 6.6 9.8





#43

Methyl Methacrylate

Concen: 9.240 ppbv

RT: 8.002 min Scan# 1

Delta R.T. -0.019 min

Lab File: VL039299.D

Acq: 15 Jun 2022 16:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 69 Resp: 1078180

Ion Ratio Lower Upper

69 100

41 152.9 121.9 182.9

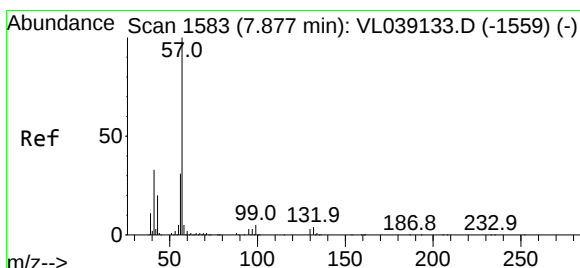
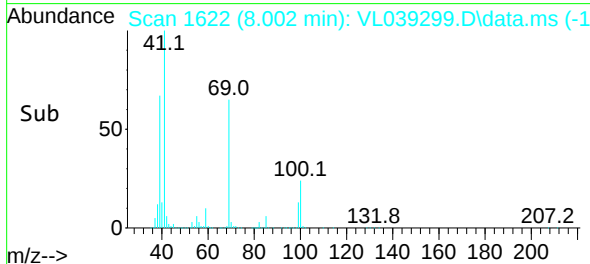
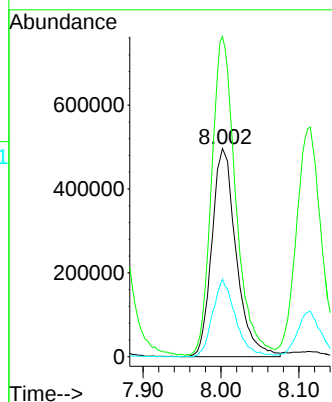
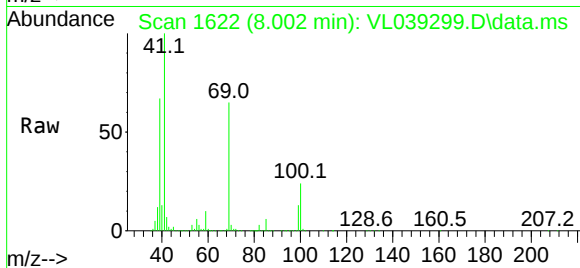
100 35.3 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022

Supervised By :Mahesh Dadoda 06/17/2022



#44

2,2,4-Trimethylpentane

Concen: 8.562 ppbv

RT: 7.857 min Scan# 1577

Delta R.T. -0.019 min

Lab File: VL039299.D

Acq: 15 Jun 2022 16:13

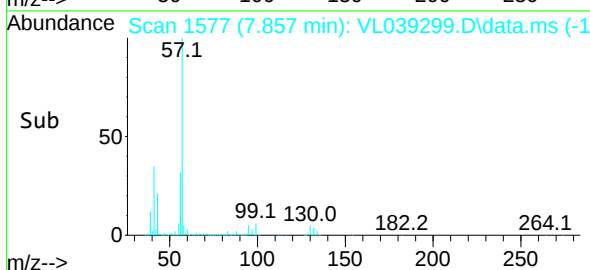
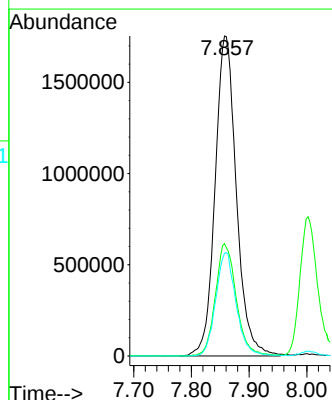
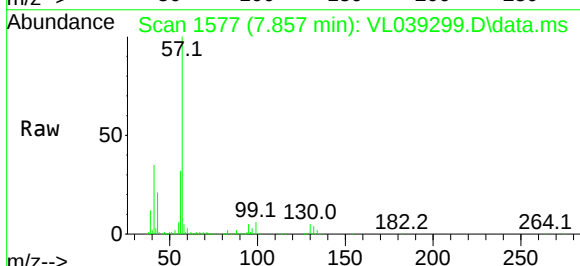
Tgt Ion: 57 Resp: 4487191

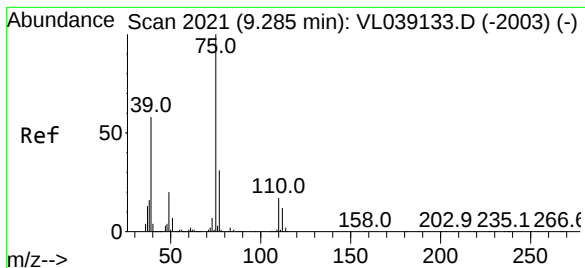
Ion Ratio Lower Upper

57 100

41 34.3 26.2 39.4

56 31.0 24.7 37.1





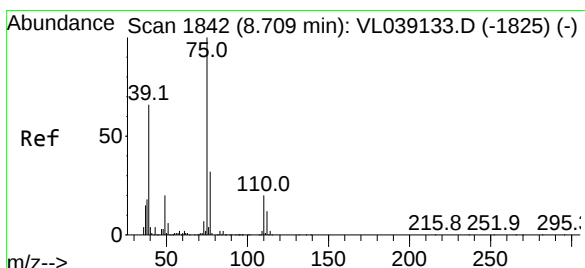
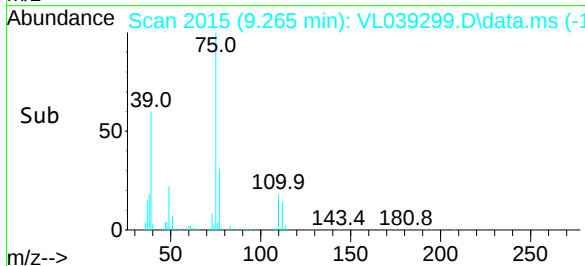
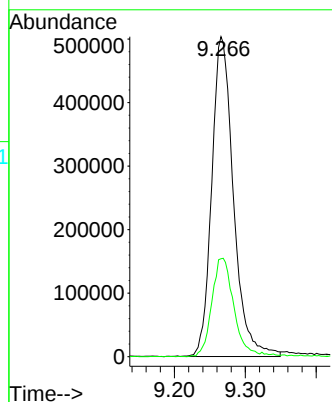
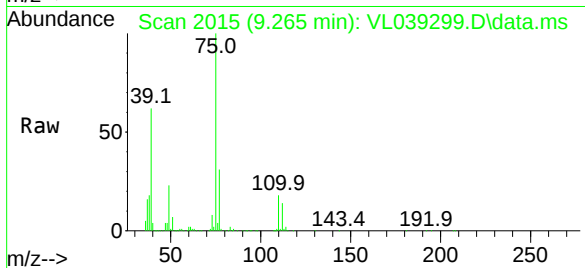
#45
t-1,3-Dichloropropene
Concen: 8.813 ppbv
RT: 9.265 min Scan# 2021
Delta R.T. -0.019 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 75 Resp: 1071029
Ion Ratio Lower Upper
75 100
77 30.6 24.4 36.6

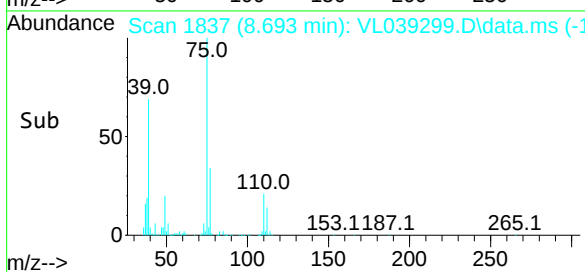
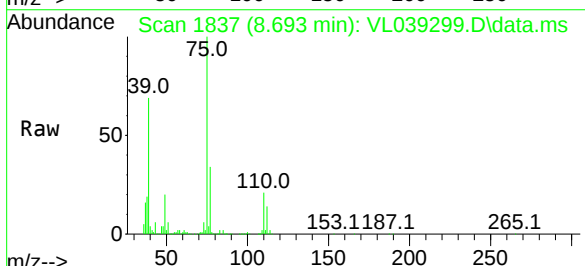
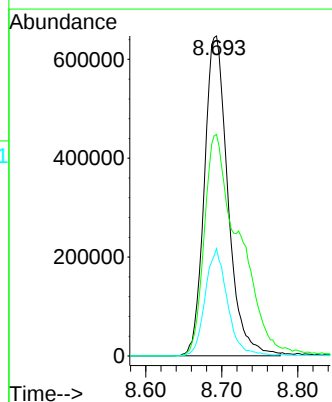
Manual Integrations
APPROVED

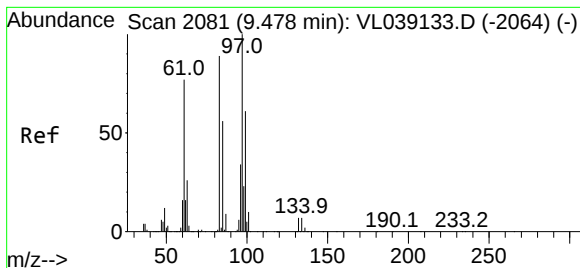
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#46
cis-1,3-Dichloropropene
Concen: 8.674 ppbv
RT: 8.693 min Scan# 1837
Delta R.T. -0.016 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

Tgt Ion: 75 Resp: 1392498
Ion Ratio Lower Upper
75 100
39 69.2 52.4 78.6
77 33.5 25.5 38.3





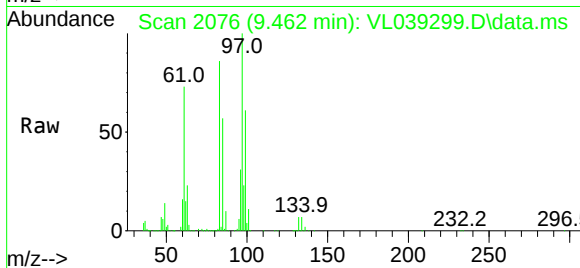
#47
1,1,2-Trichloroethane
Concen: 8.782 ppbv
RT: 9.462 min Scan# 2081
Delta R.T. -0.016 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



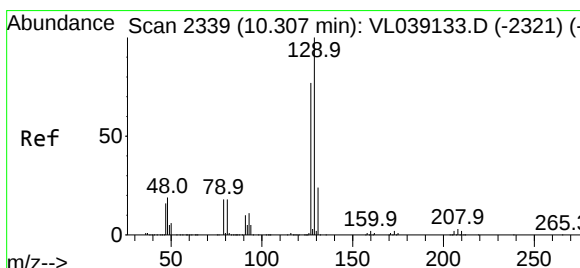
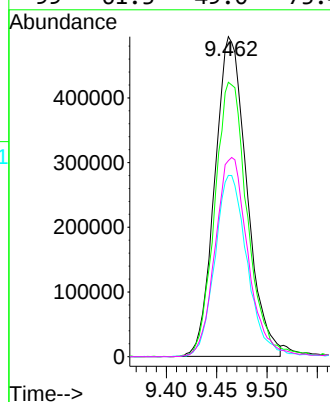
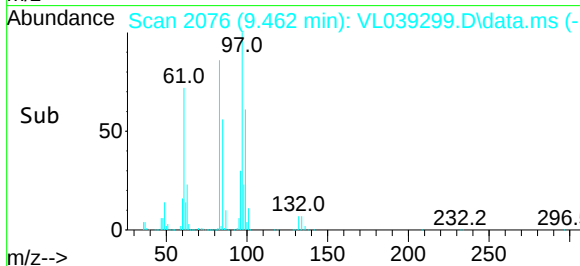
Tgt Ion: 97 Resp: 1091748

Ion	Ratio	Lower	Upper
97	100		
83	85.6	71.6	107.4
85	56.6	44.8	67.2
99	61.3	49.0	73.4

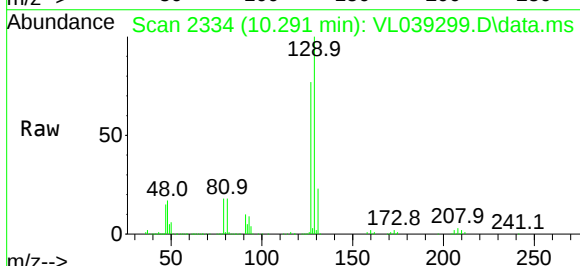
Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022

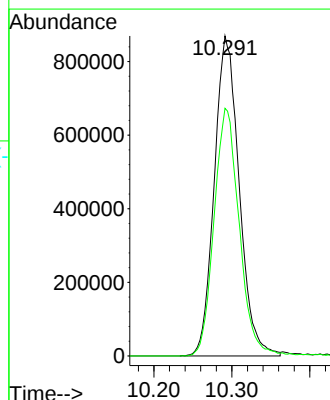
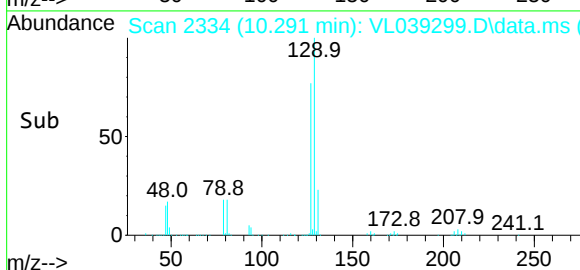


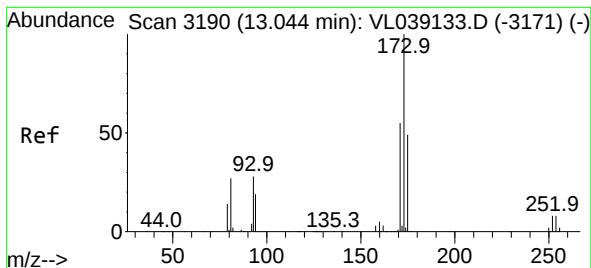
#48
Dibromochloromethane
Concen: 8.701 ppbv
RT: 10.291 min Scan# 2334
Delta R.T. -0.016 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13



Tgt Ion:129 Resp: 1931479

Ion	Ratio	Lower	Upper
129	100		
127	78.3	40.0	119.9





#49

Bromoform

Concen: 8.616 ppbv

RT: 13.027 min Scan# 31

Delta R.T. -0.016 min

Lab File: VL039299.D

Acq: 15 Jun 2022 16:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:173 Resp: 159380

Ion Ratio Lower Upper

173 100

175 49.2 40.2 60.2

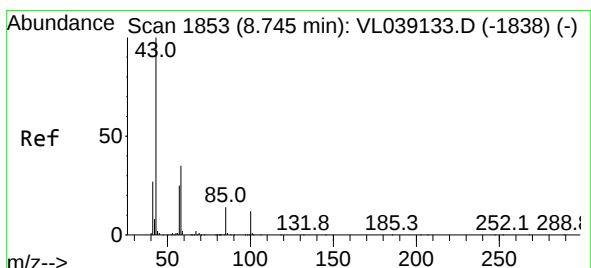
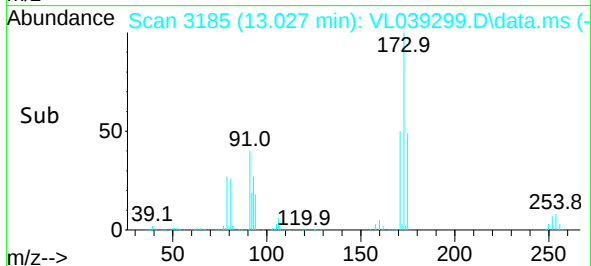
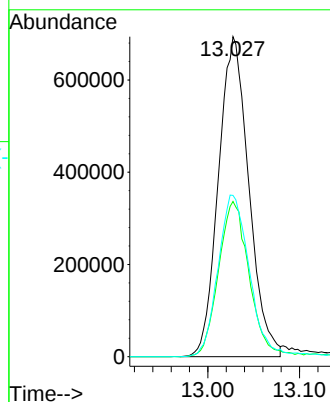
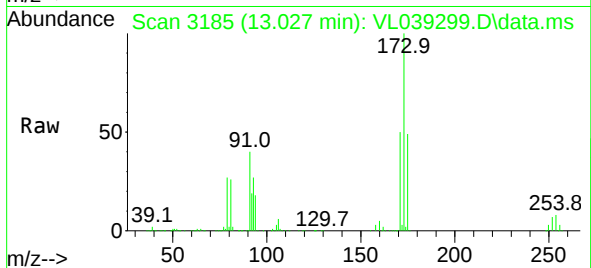
171 53.9 43.9 65.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022

Supervised By :Mahesh Dadoda 06/17/2022



#50

4-Methyl-2-Pentanone

Concen: 9.163 ppbv

RT: 8.729 min Scan# 1848

Delta R.T. -0.016 min

Lab File: VL039299.D

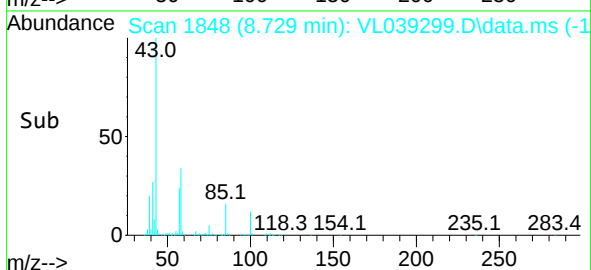
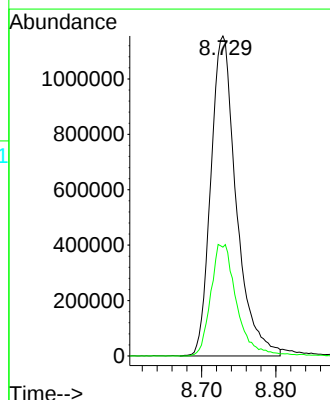
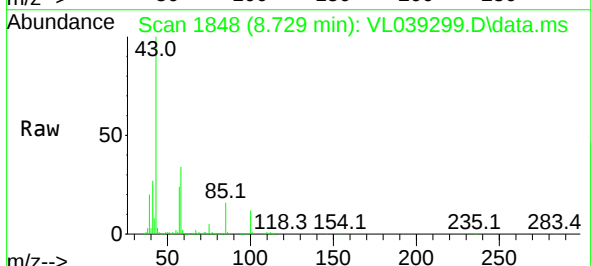
Acq: 15 Jun 2022 16:13

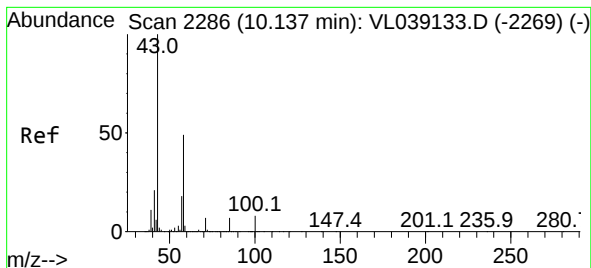
Tgt Ion: 43 Resp: 2749515

Ion Ratio Lower Upper

43 100

58 35.8 28.7 43.1





#51

2-Hexanone

Concen: 9.042 ppbv

RT: 10.118 min Scan# 2111379

Delta R.T. -0.019 min

Lab File: VL039299.D

Acq: 15 Jun 2022 16:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 2111379

Ion Ratio Lower Upper

43 100

58 49.1 40.0 60.0

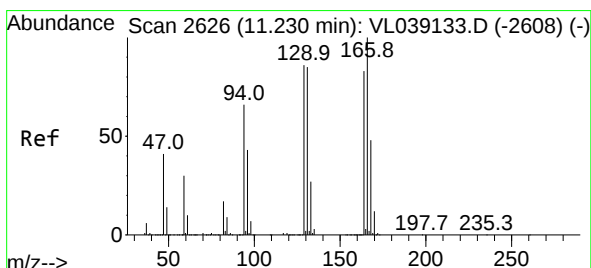
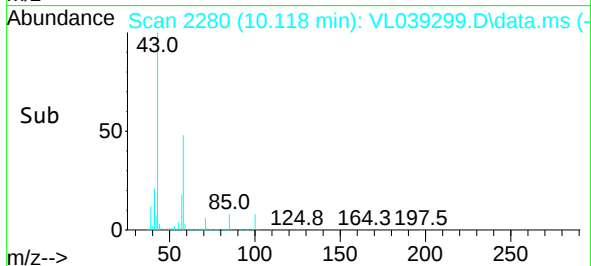
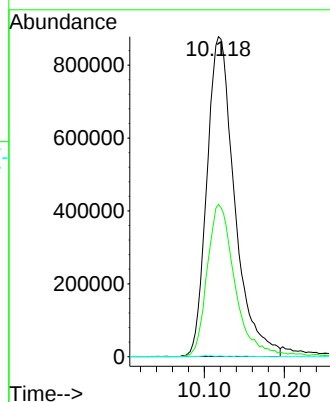
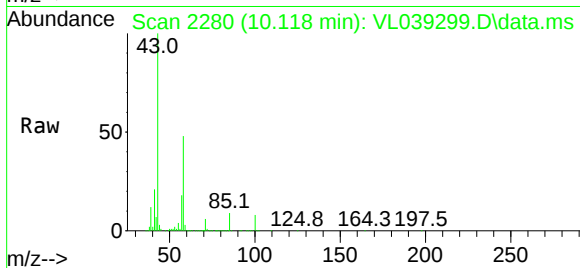
98 0.2 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022

Supervised By :Mahesh Dadoda 06/17/2022



#52

Tetrachloroethene

Concen: 8.809 ppbv

RT: 11.211 min Scan# 2620

Delta R.T. -0.019 min

Lab File: VL039299.D

Acq: 15 Jun 2022 16:13

Tgt Ion:164 Resp: 1030331

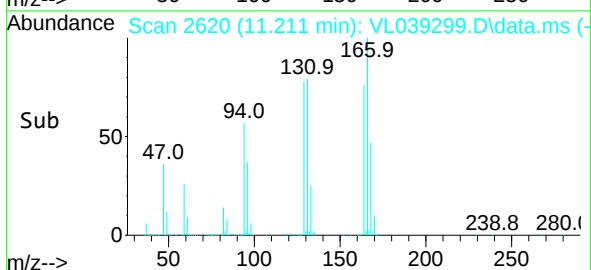
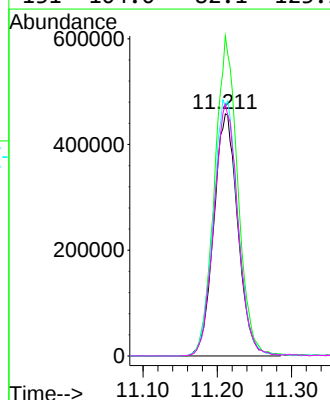
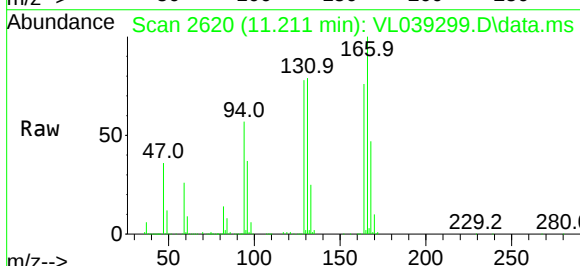
Ion Ratio Lower Upper

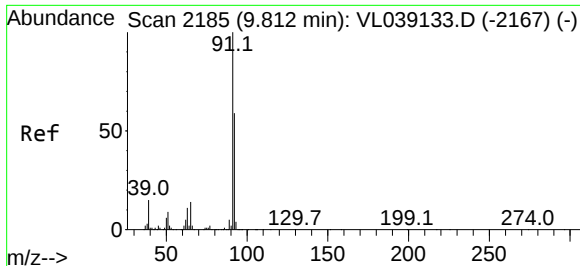
164 100

166 132.2 96.3 144.5

129 103.3 82.5 123.7

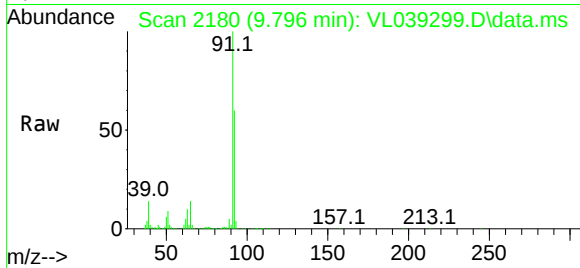
131 104.0 82.1 123.1





#53
Toluene
Concen: 9.239 ppbv
RT: 9.796 min Scan# 2185
Delta R.T. -0.016 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

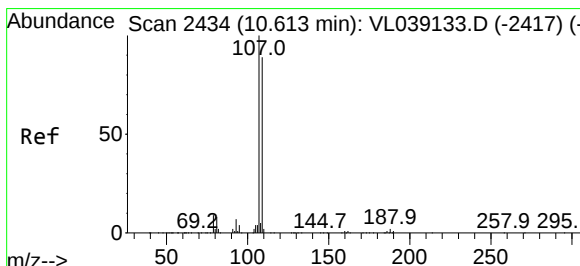
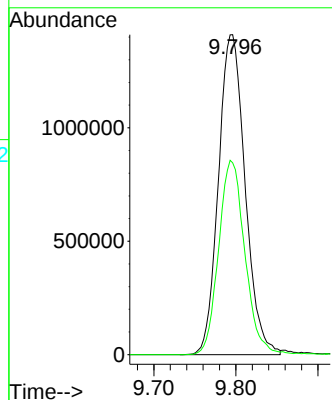
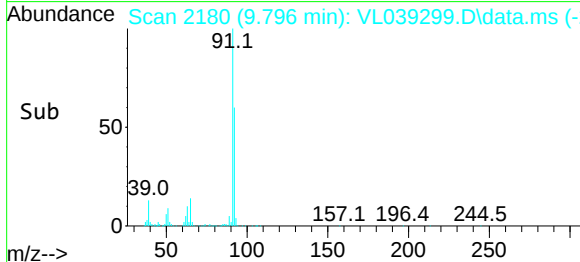
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 91 Resp: 318695
Ion Ratio Lower Upper
91 100
92 60.3 48.1 72.1

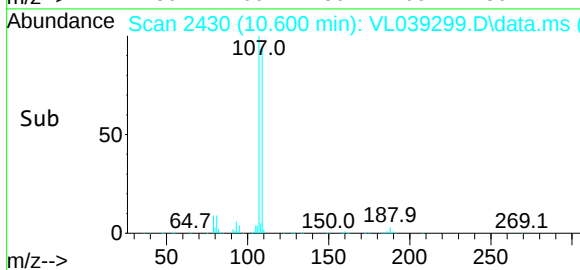
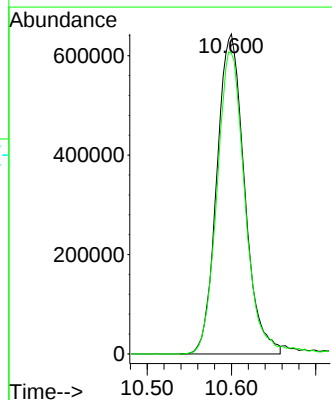
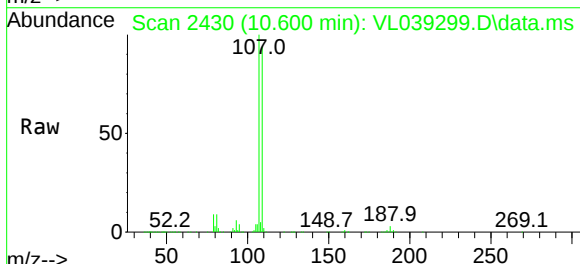
Manual Integrations
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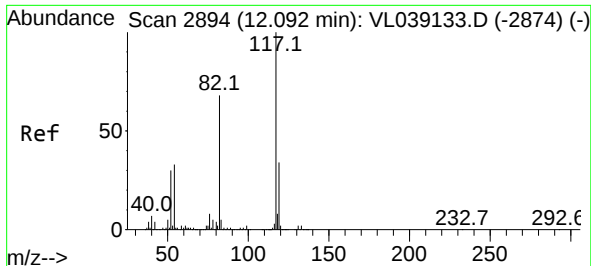
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#54
1,2-Dibromoethane
Concen: 8.779 ppbv
RT: 10.600 min Scan# 2430
Delta R.T. -0.013 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

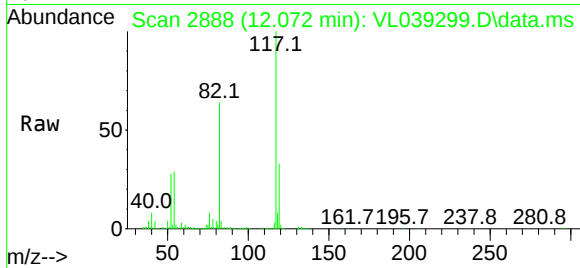
Tgt Ion:107 Resp: 1466551
Ion Ratio Lower Upper
107 100
109 93.9 71.4 107.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.072 min Scan# 2888
Delta R.T. -0.019 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

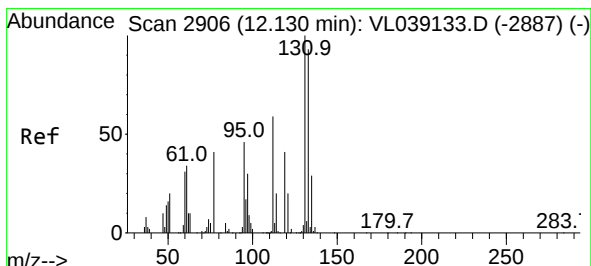
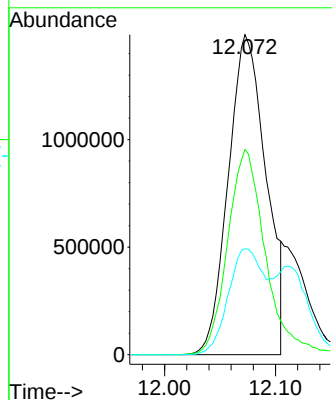
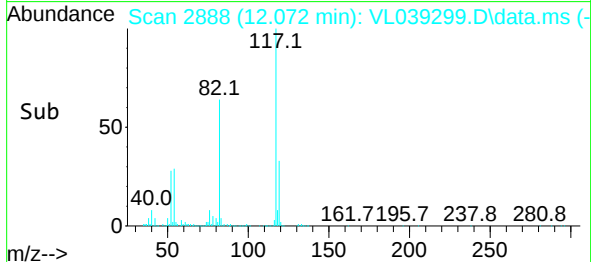
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



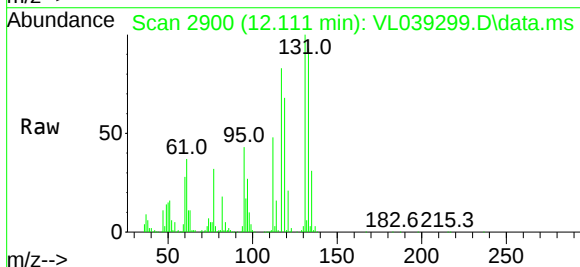
Tgt Ion:117 Resp: 3514538
Ion Ratio Lower Upper
117 100
82 65.4 55.1 82.7
119 57.7 24.7 37.1

Manual Integrations
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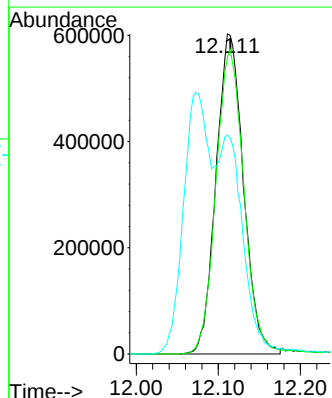
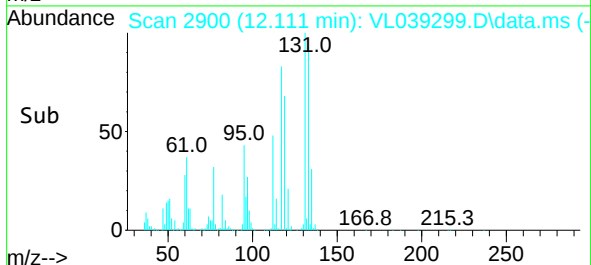
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022

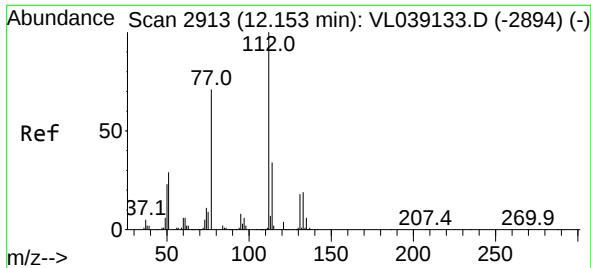


#56
1,1,1,2-Tetrachloroethane
Concen: 8.411 ppbv
RT: 12.111 min Scan# 2900
Delta R.T. -0.019 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13



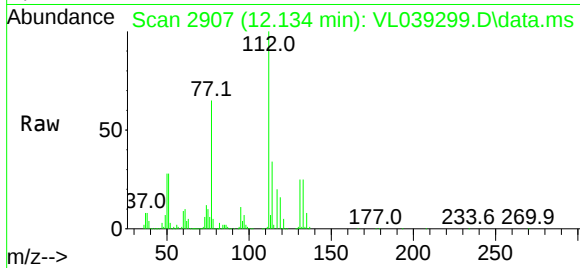
Tgt Ion:131 Resp: 1398709
Ion Ratio Lower Upper
131 100
133 98.2 78.6 117.8
119 145.1 51.7 77.5





#57
Chlorobenzene
Concen: 9.028 ppbv
RT: 12.134 min Scan# 2913
Delta R.T. -0.019 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

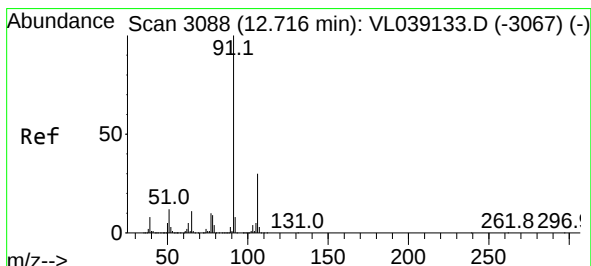
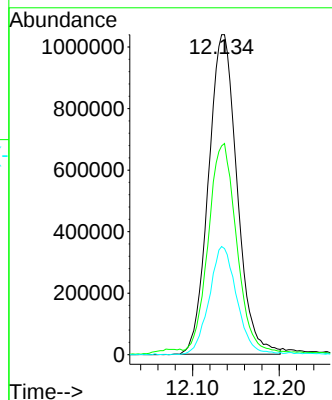
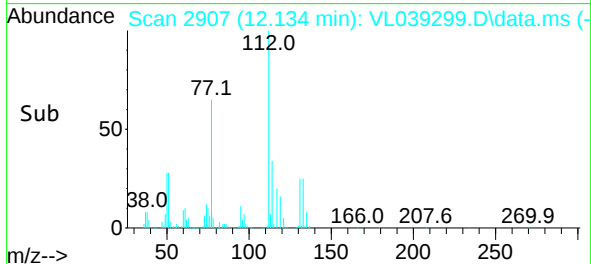
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



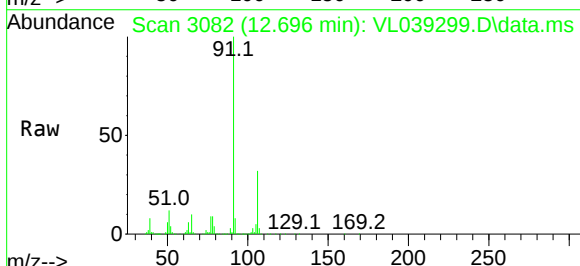
Tgt Ion:112 Resp: 238729
Ion Ratio Lower Upper
112 100
77 64.3 56.5 84.7
114 33.8 30.3 37.1

Manual Integrations
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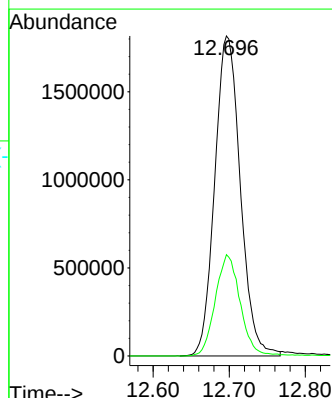
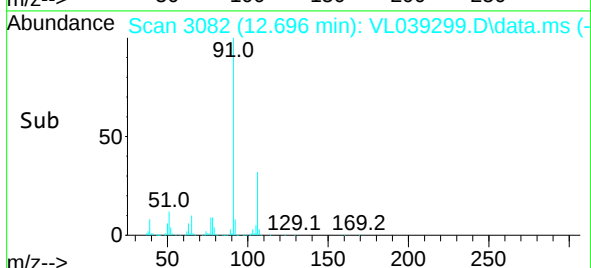
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022

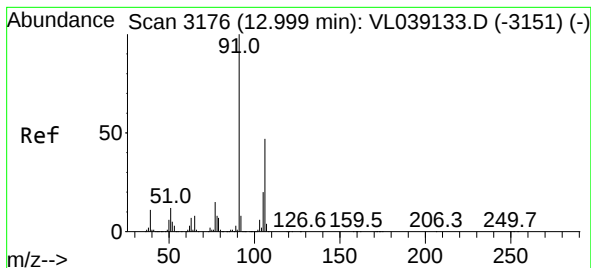


#58
Ethyl Benzene
Concen: 8.769 ppbv
RT: 12.696 min Scan# 3082
Delta R.T. -0.019 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13



Tgt Ion: 91 Resp: 4245387
Ion Ratio Lower Upper
91 100
106 31.6 24.2 36.4





#59

m/p-Xylene

Concen: 17.118 ppbv m

RT: 12.982 min Scan# 3176

Delta R.T. -0.016 min

Lab File: VL039299.D

Acq: 15 Jun 2022 16:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 729745

Ion Ratio Lower Upper

91 100

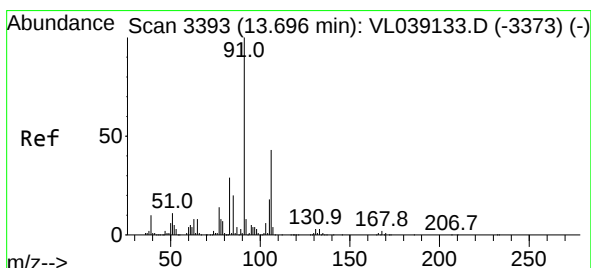
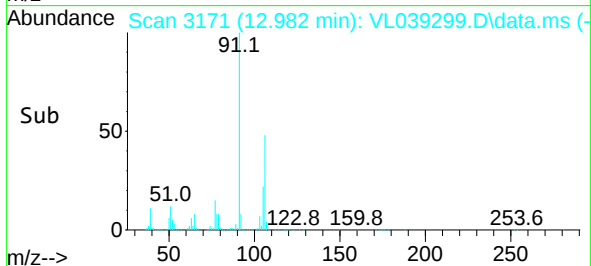
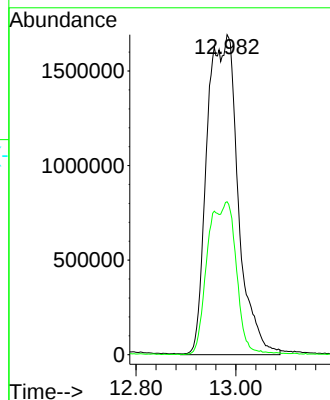
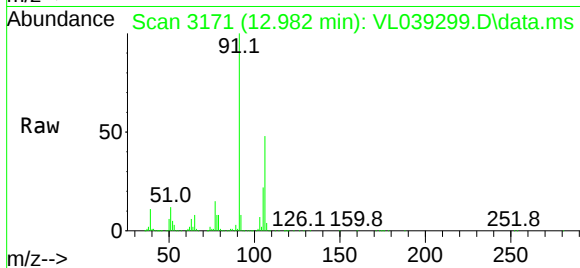
106 44.4 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022

Supervised By :Mahesh Dadoda 06/17/2022



#60

o-Xylene

Concen: 8.668 ppbv

RT: 13.680 min Scan# 3388

Delta R.T. -0.016 min

Lab File: VL039299.D

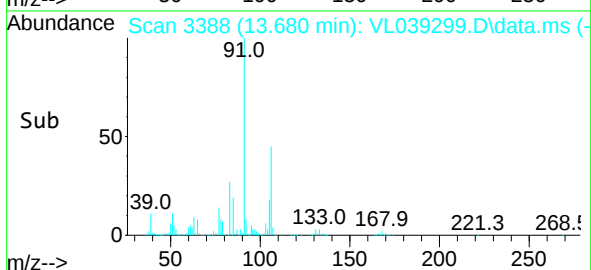
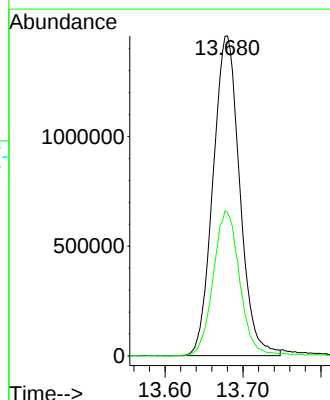
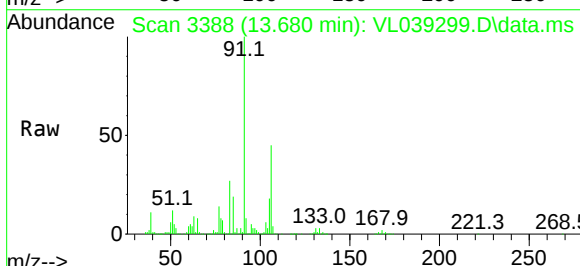
Acq: 15 Jun 2022 16:13

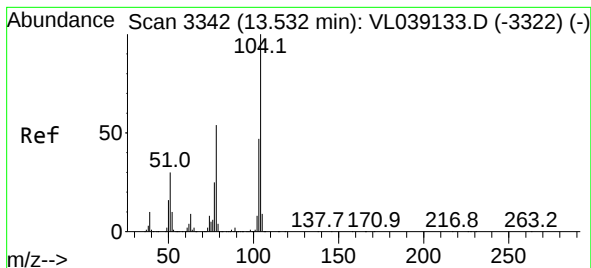
Tgt Ion: 91 Resp: 3472207

Ion Ratio Lower Upper

91 100

106 45.5 22.3 66.9





#61

Styrene

Concen: 9.664 ppbv

RT: 13.513 min Scan# 31

Delta R.T. -0.019 min

Lab File: VL039299.D

Acq: 15 Jun 2022 16:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 2072978

Ion Ratio Lower Upper

104 100

78 51.9 45.7 68.5

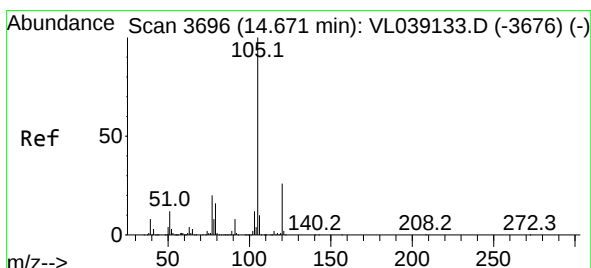
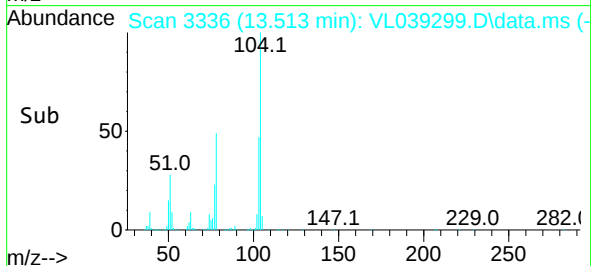
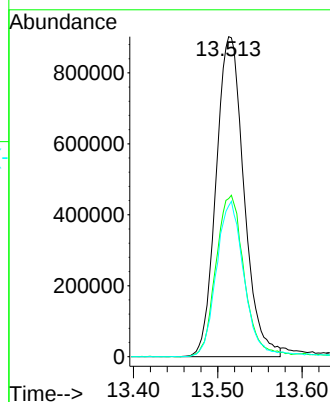
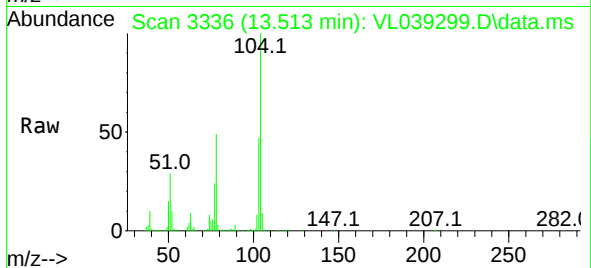
103 48.7 39.6 59.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022

Supervised By :Mahesh Dadoda 06/17/2022



#62

Isopropylbenzene

Concen: 8.729 ppbv

RT: 14.654 min Scan# 3691

Delta R.T. -0.016 min

Lab File: VL039299.D

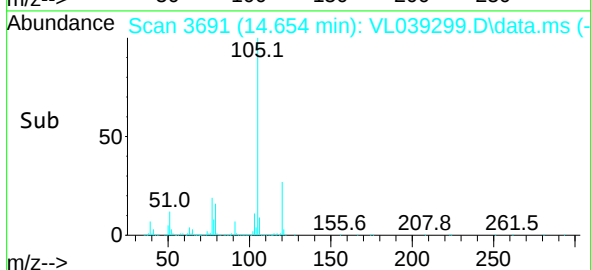
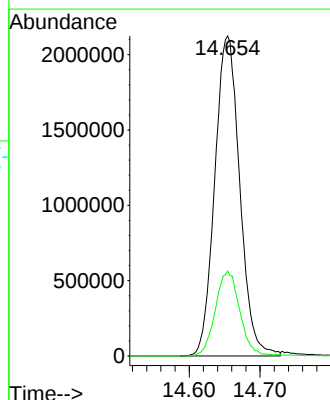
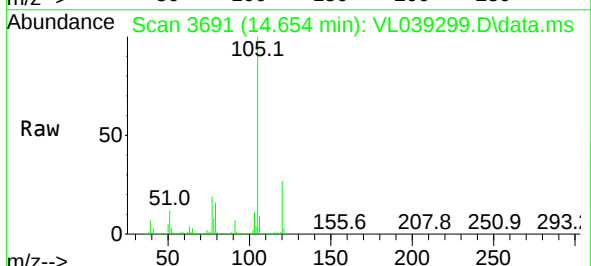
Acq: 15 Jun 2022 16:13

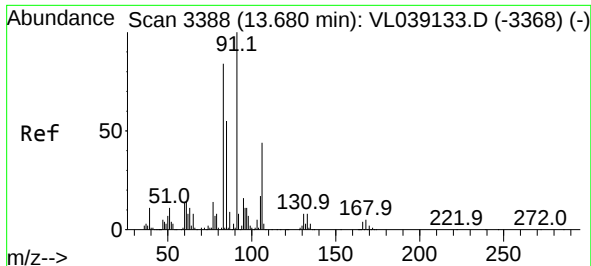
Tgt Ion:105 Resp: 5197100

Ion Ratio Lower Upper

105 100

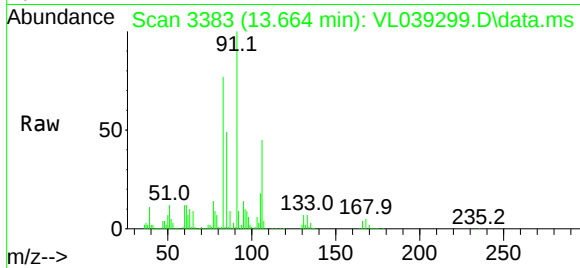
120 26.1 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 7.736 ppbv
RT: 13.664 min Scan# 31
Delta R.T. -0.016 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

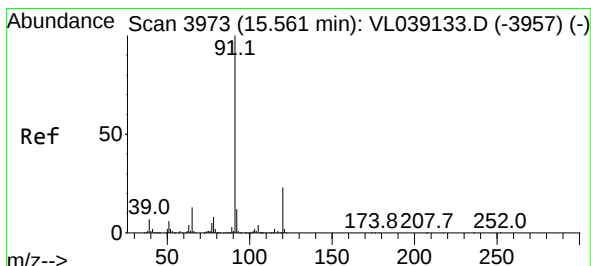
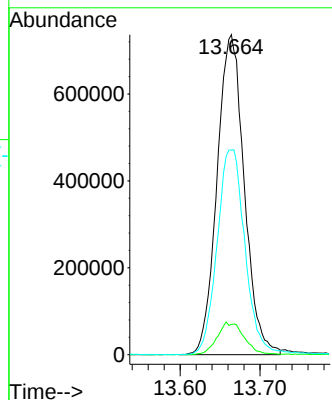
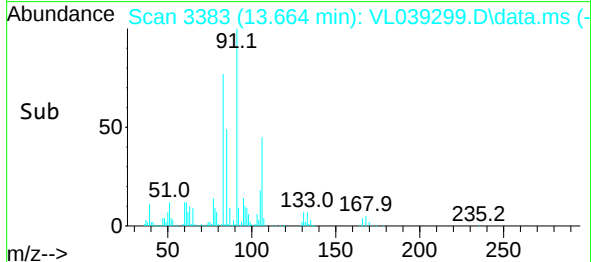
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



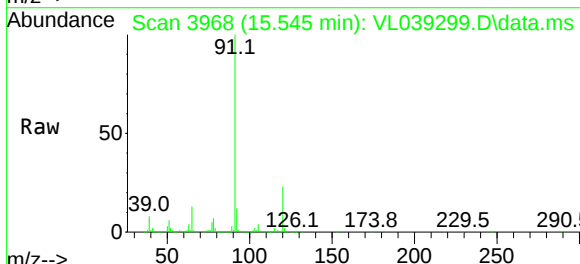
Tgt Ion: 83 Resp: 173947
Ion Ratio Lower Upper
83 100
131 10.2 4.8 14.3
85 66.5 33.0 99.0

Manual Integrations
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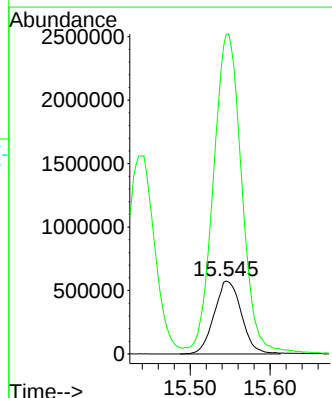
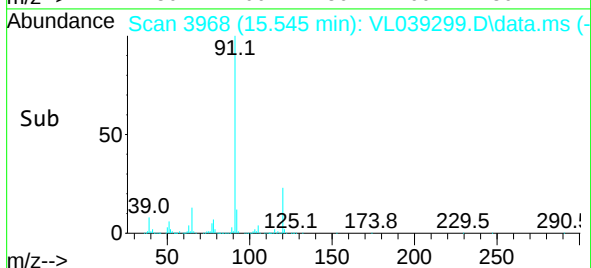
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022

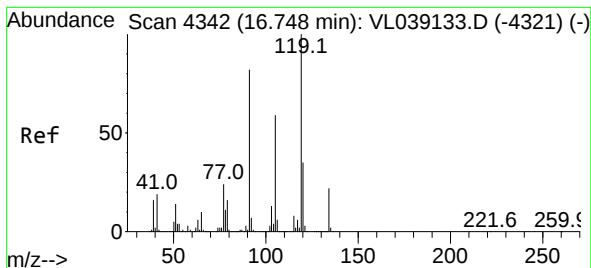


#64
n-propylbenzene
Concen: 9.266 ppbv
RT: 15.545 min Scan# 3968
Delta R.T. -0.016 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13



Tgt Ion:120 Resp: 1356255
Ion Ratio Lower Upper
120 100
91 459.6 388.4 582.6





#65

tert-Butylbenzene

Concen: 8.694 ppbv

RT: 16.731 min Scan# 41

Delta R.T. -0.016 min

Lab File: VL039299.D

Acq: 15 Jun 2022 16:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 4733270

Ion Ratio Lower Upper

119 100

91 79.6 67.1 100.7

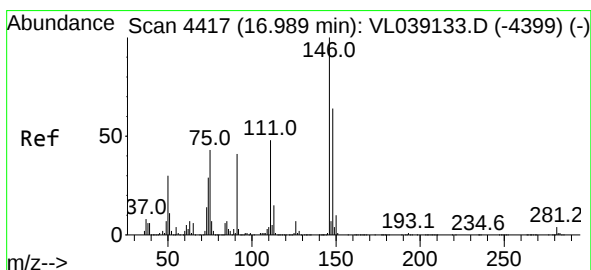
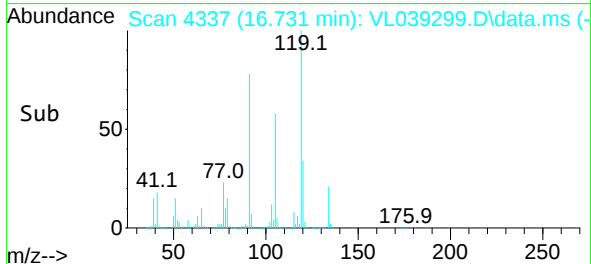
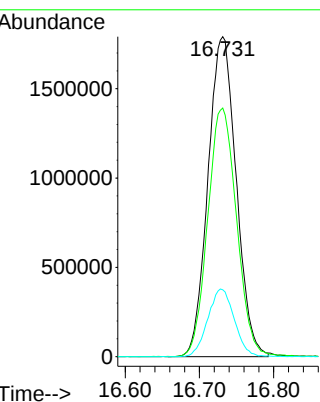
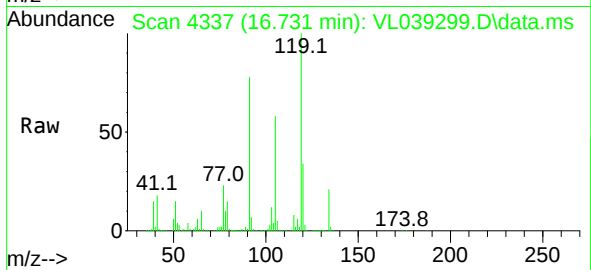
134 19.9 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022

Supervised By :Mahesh Dadoda 06/17/2022



#66

Benzyl Chloride

Concen: 6.879 ppbv

RT: 16.973 min Scan# 4412

Delta R.T. -0.016 min

Lab File: VL039299.D

Acq: 15 Jun 2022 16:13

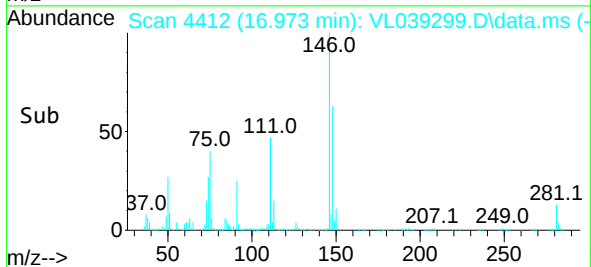
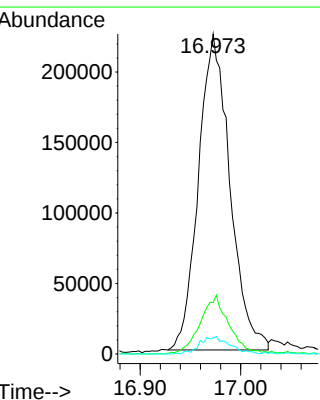
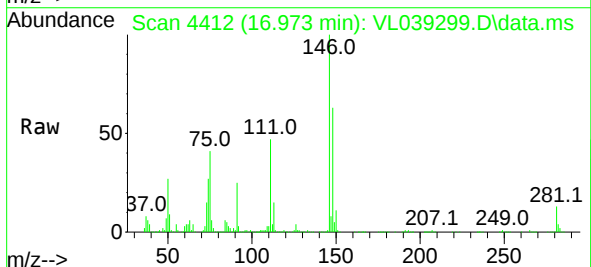
Tgt Ion: 91 Resp: 486983

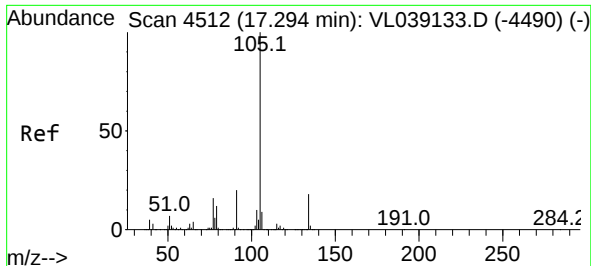
Ion Ratio Lower Upper

91 100

126 17.4 13.4 20.0

128 5.5 4.1 6.1





#67

sec-Butylbenzene

Concen: 8.709 ppbv

RT: 17.278 min Scan# 4512

Delta R.T. -0.016 min

Lab File: VL039299.D

Acq: 15 Jun 2022 16:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 646945

Ion Ratio Lower Upper

105 100

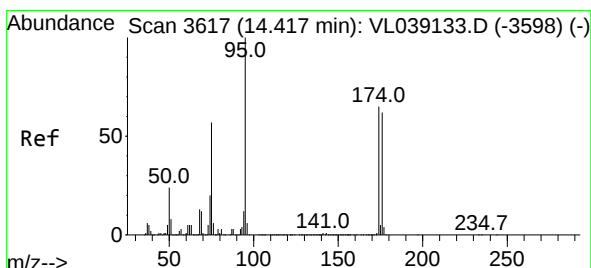
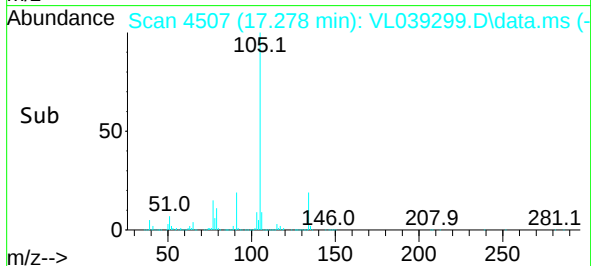
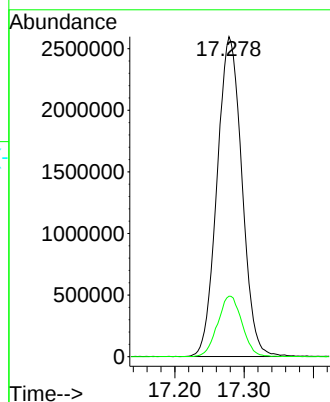
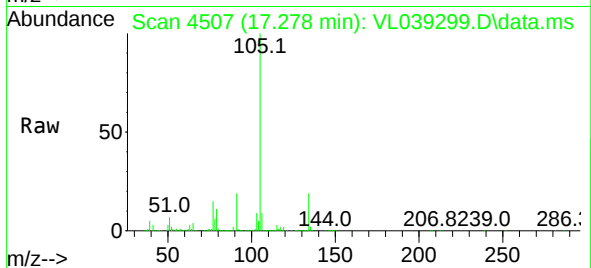
134 18.7 14.4 21.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022

Supervised By :Mahesh Dadoda 06/17/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.526 ppbv

RT: 14.400 min Scan# 3612

Delta R.T. -0.016 min

Lab File: VL039299.D

Acq: 15 Jun 2022 16:13

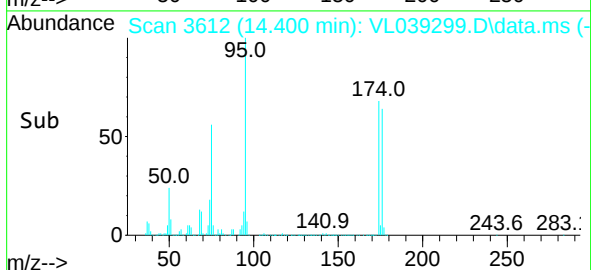
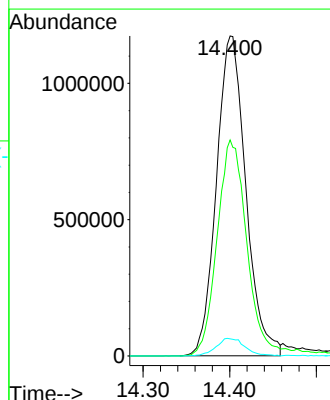
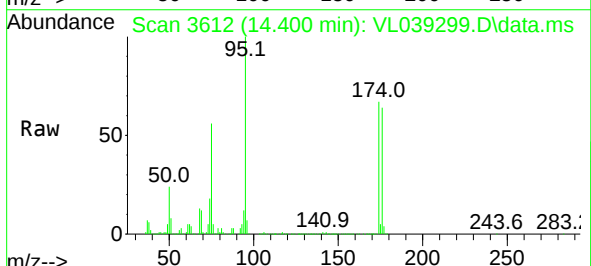
Tgt Ion: 95 Resp: 2767961

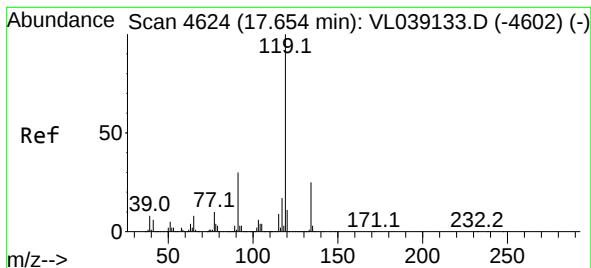
Ion Ratio Lower Upper

95 100

174 70.9 53.8 80.8

175 5.6 4.1 6.1





#69

p-Isopropyltoluene

Concen: 8.924 ppbv

RT: 17.638 min Scan# 4619

Delta R.T. -0.016 min

Lab File: VL039299.D

Acq: 15 Jun 2022 16:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:119 Resp: 5592720

Ion Ratio Lower Upper

119 100

134 25.1 20.4 30.6

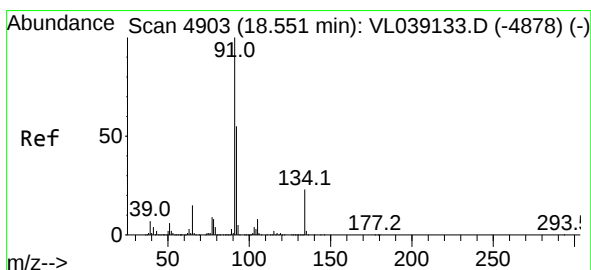
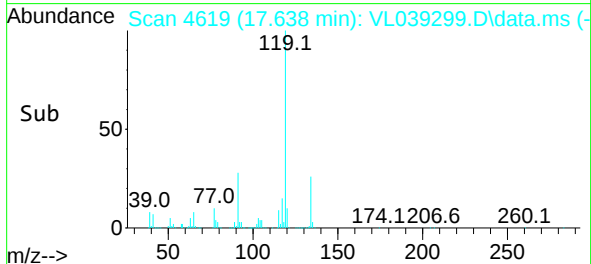
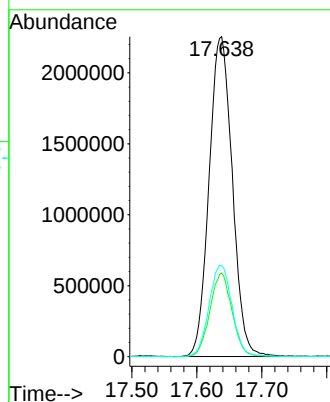
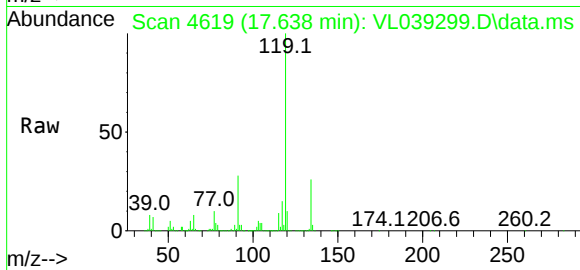
91 28.4 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022

Supervised By :Mahesh Dadoda 06/17/2022



#70

n-Butylbenzene

Concen: 8.528 ppbv

RT: 18.532 min Scan# 4897

Delta R.T. -0.019 min

Lab File: VL039299.D

Acq: 15 Jun 2022 16:13

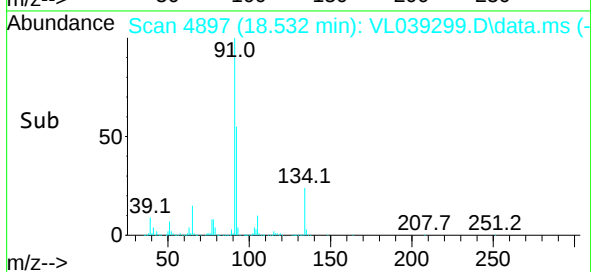
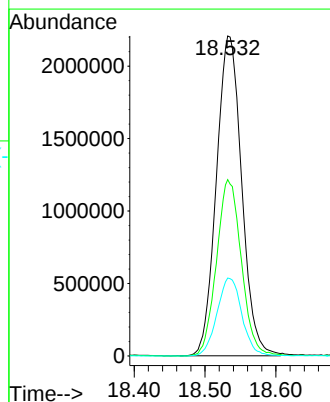
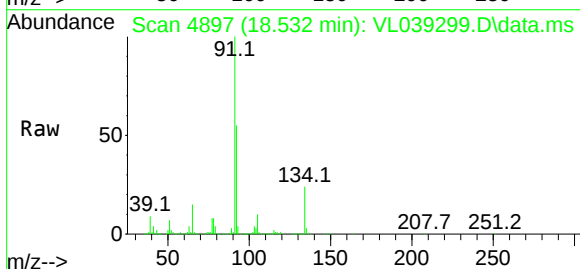
Tgt Ion: 91 Resp: 5486216

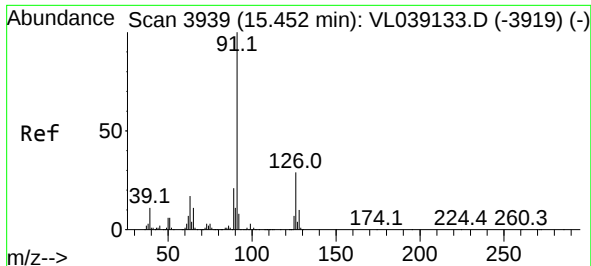
Ion Ratio Lower Upper

91 100

92 54.2 43.6 65.4

134 24.1 17.7 26.5





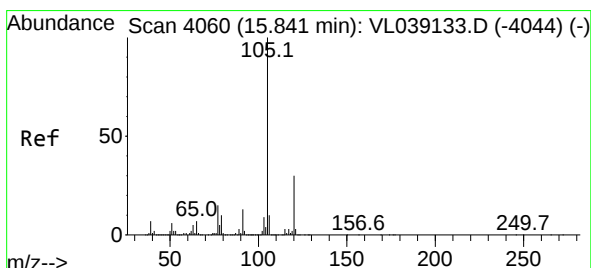
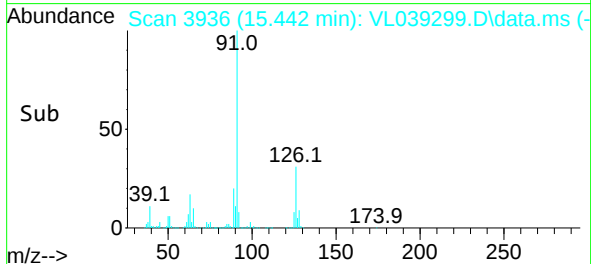
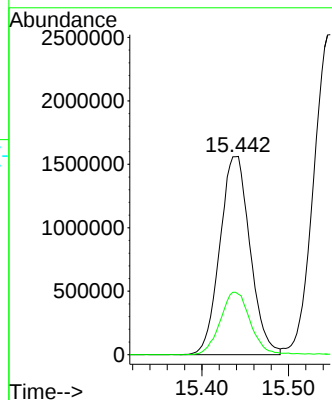
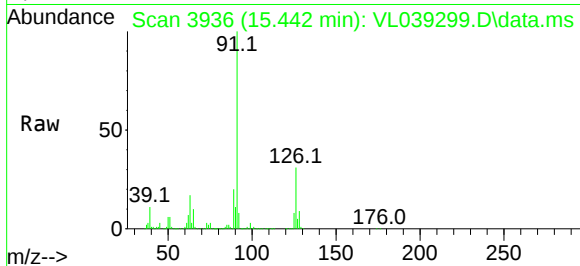
#71
2-Chlorotoluene
Concen: 8.337 ppbv
RT: 15.442 min Scan# 3936
Delta R.T. -0.010 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 378525
Ion Ratio Lower Upper
91 100
126 32.0 12.2 48.6

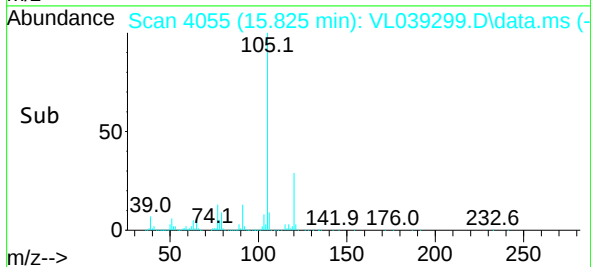
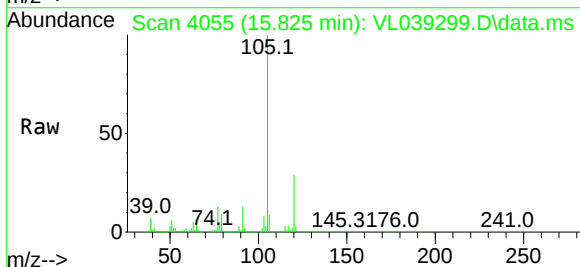
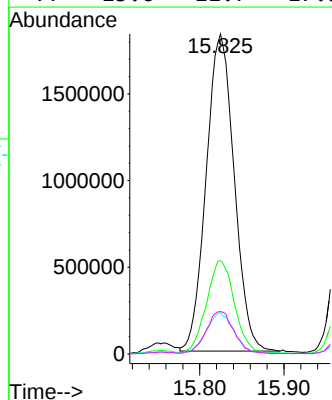
Manual Integrations
APPROVED

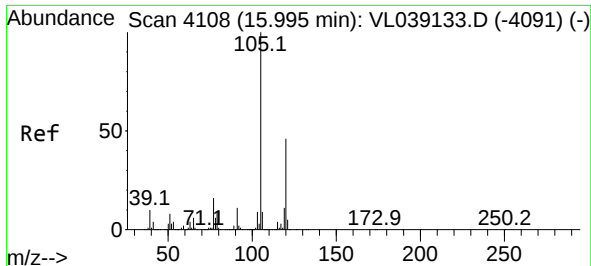
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#72
4-Ethyltoluene
Concen: 8.990 ppbv
RT: 15.825 min Scan# 4055
Delta R.T. -0.016 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

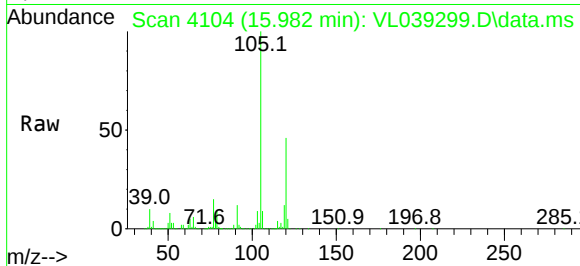
Tgt Ion:105 Resp: 4220611
Ion Ratio Lower Upper
105 100
120 30.0 23.9 35.9
91 12.8 10.6 16.0
77 13.6 11.7 17.5





#73
 1,3,5-Trimethylbenzene
 Concen: 9.083 ppbv
 RT: 15.982 min Scan# 4108
 Delta R.T. -0.013 min
 Lab File: VL039299.D
 Acq: 15 Jun 2022 16:13

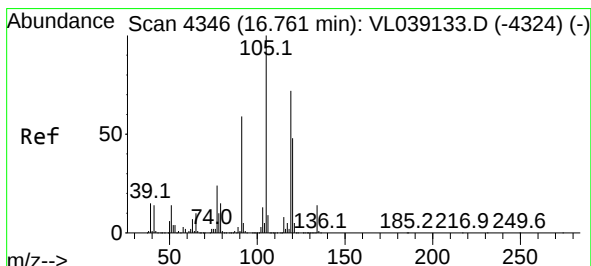
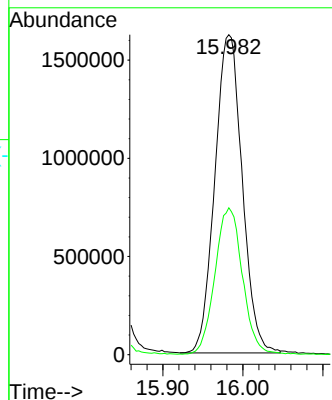
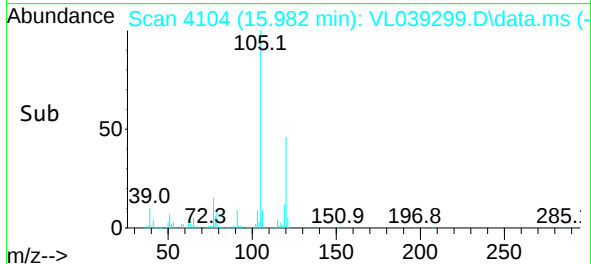
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



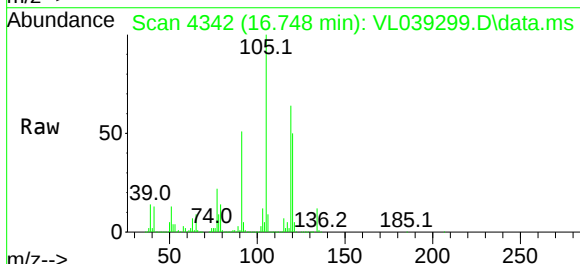
Tgt Ion:105 Resp: 384642
 Ion Ratio Lower Upper
 105 100
 120 46.0 36.7 55.1

Manual Integrations
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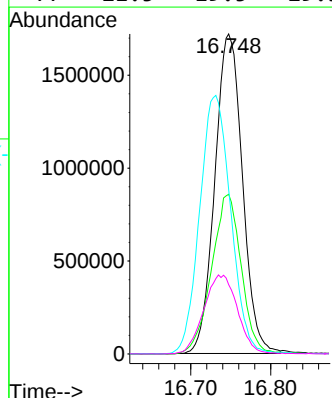
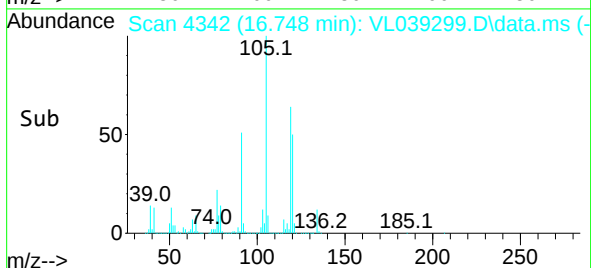
Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/17/2022

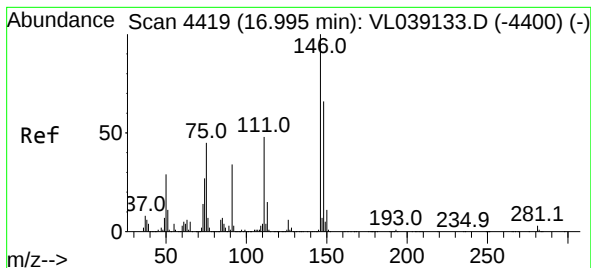


#74
 1,2,4-Trimethylbenzene
 Concen: 8.729 ppbv
 RT: 16.748 min Scan# 4342
 Delta R.T. -0.013 min
 Lab File: VL039299.D
 Acq: 15 Jun 2022 16:13



Tgt Ion:105 Resp: 4124970
 Ion Ratio Lower Upper
 105 100
 120 49.6 38.1 57.1
 91 50.9 47.4 71.0
 77 21.5 19.5 29.3





#75

1,3-Dichlorobenzene

Concen: 9.051 ppbv

RT: 16.979 min Scan# 4419

Delta R.T. -0.016 min

Lab File: VL039299.D

Acq: 15 Jun 2022 16:13

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 2420909

Ion Ratio Lower Upper

146 100

111 46.1 23.8 71.4

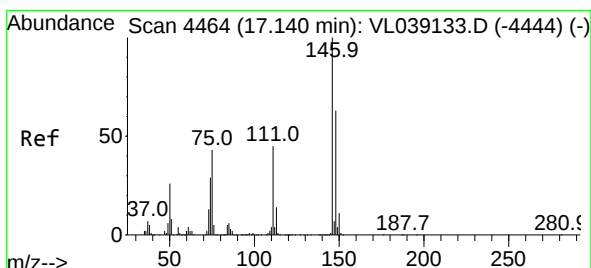
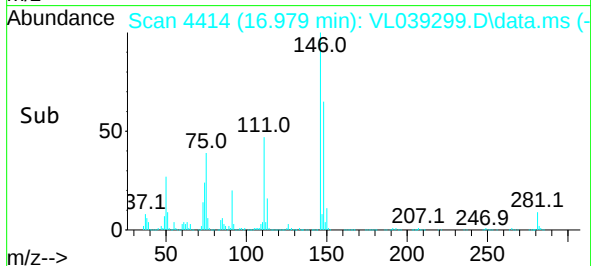
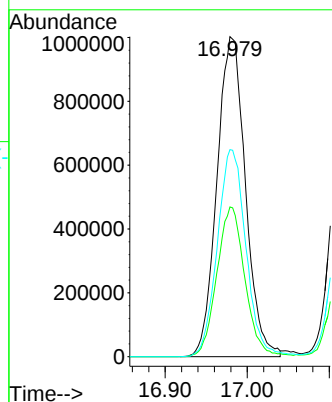
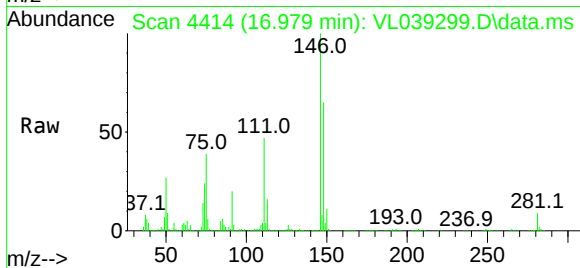
148 65.1 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/16/2022

Supervised By :Mahesh Dadoda 06/17/2022



#76

1,4-Dichlorobenzene

Concen: 8.861 ppbv

RT: 17.121 min Scan# 4458

Delta R.T. -0.019 min

Lab File: VL039299.D

Acq: 15 Jun 2022 16:13

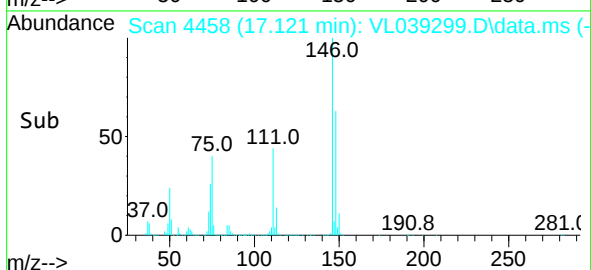
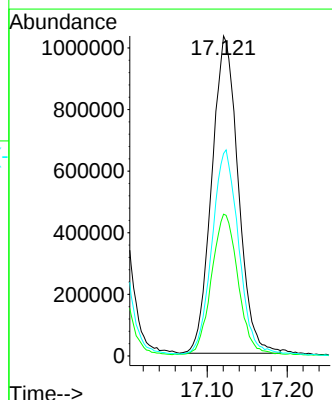
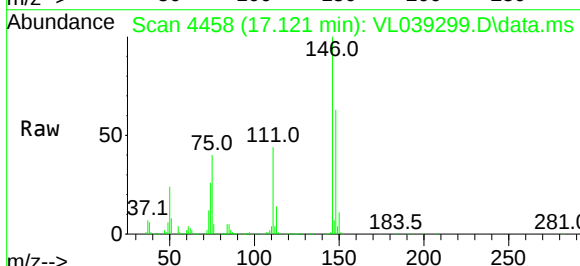
Tgt Ion:146 Resp: 2364693

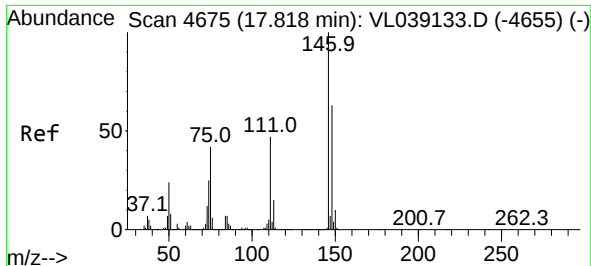
Ion Ratio Lower Upper

146 100

111 45.8 23.6 71.0

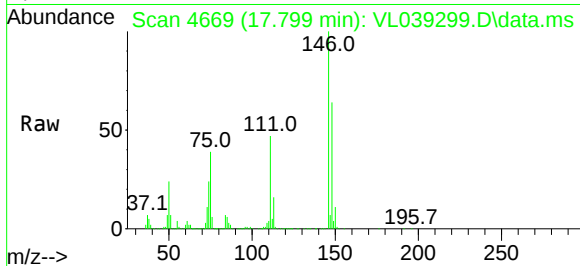
148 66.7 33.7 101.0





#77
1,2-Dichlorobenzene
Concen: 8.857 ppbv
RT: 17.799 min Scan# 4669
Delta R.T. -0.019 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

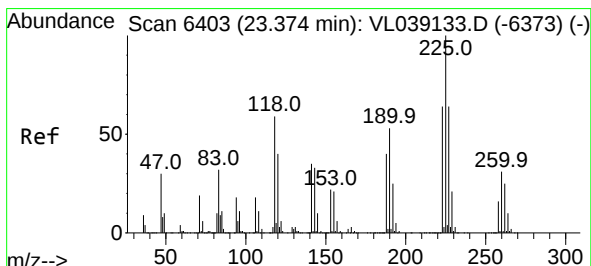
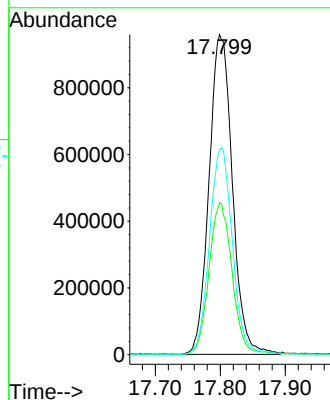
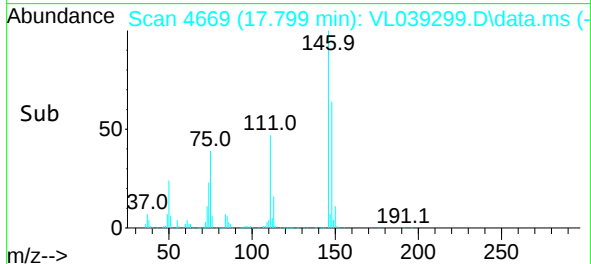
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



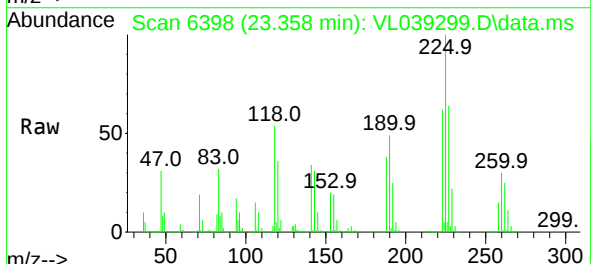
Tgt Ion:146 Resp: 238758
Ion Ratio Lower Upper
146 100
111 47.1 24.4 73.4
148 64.1 32.1 96.5

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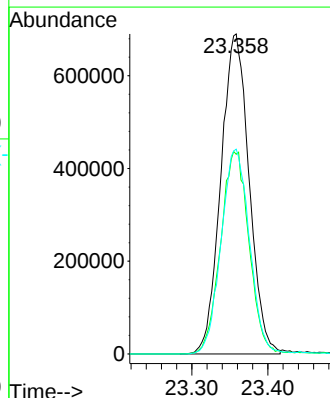
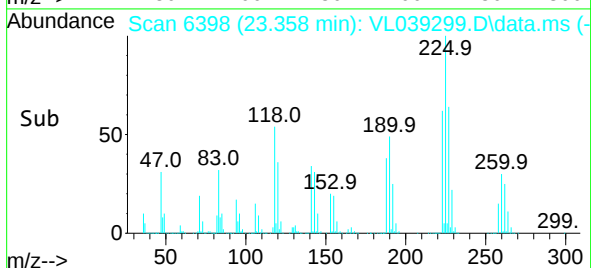
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022

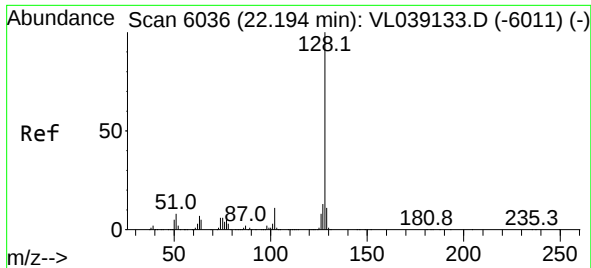


#78
Hexachloro-1,3-Butadiene
Concen: 7.219 ppbv
RT: 23.358 min Scan# 6398
Delta R.T. -0.016 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13



Tgt Ion:225 Resp: 1779672
Ion Ratio Lower Upper
225 100
223 64.5 51.4 77.0
227 64.8 50.6 75.8





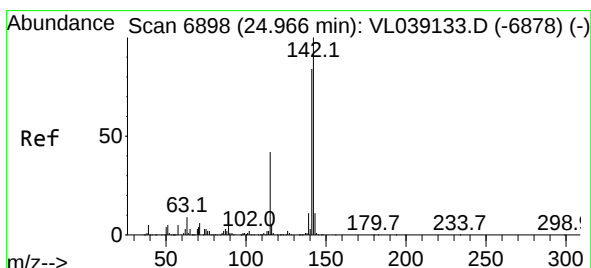
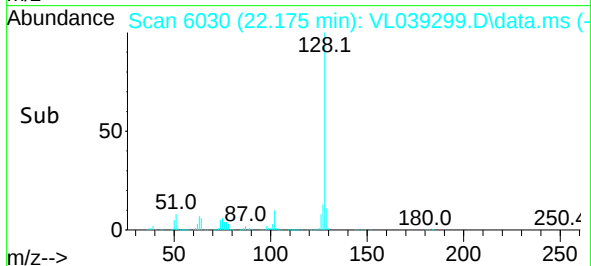
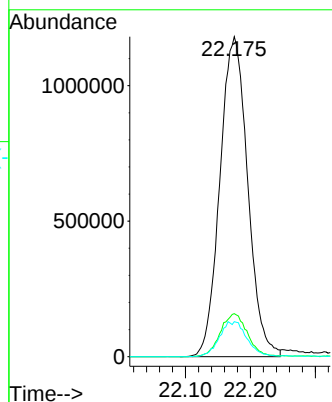
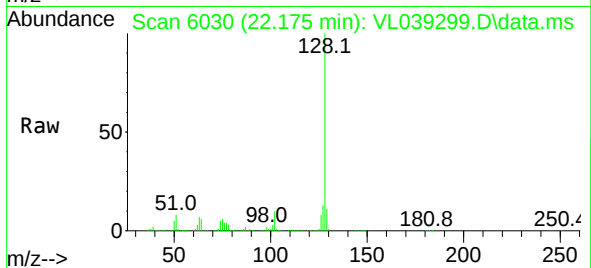
#79
Naphthalene
Concen: 9.637 ppbv
RT: 22.175 min Scan# 6030
Delta R.T. -0.019 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion:128 Resp: 350567
Ion Ratio Lower Upper
128 100
127 13.5 10.4 15.6
129 11.0 9.0 13.6

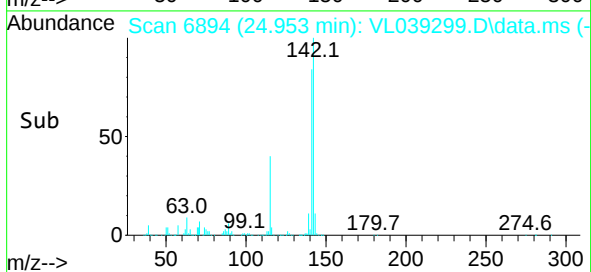
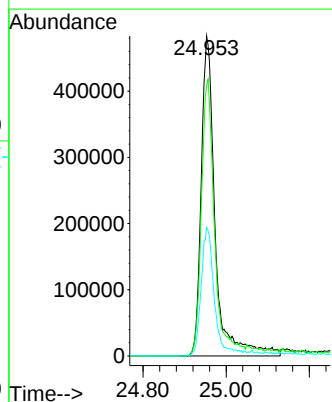
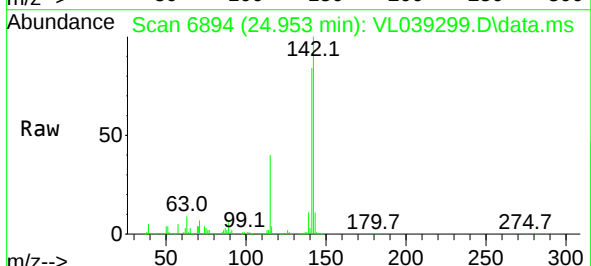
Manual Integrations
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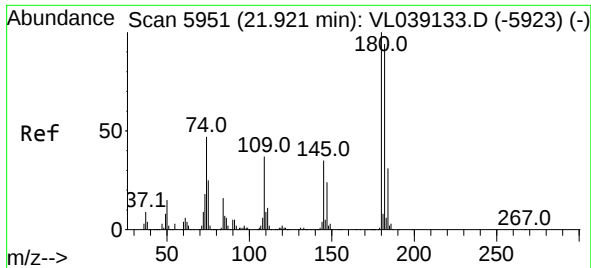
Reviewed By :Semsettin Yesilyurt 06/16/2022
Supervised By :Mahesh Dadoda 06/17/2022



#80
Naphthalene,2-methyl-
Concen: 8.347 ppbv
RT: 24.953 min Scan# 6894
Delta R.T. -0.013 min
Lab File: VL039299.D
Acq: 15 Jun 2022 16:13

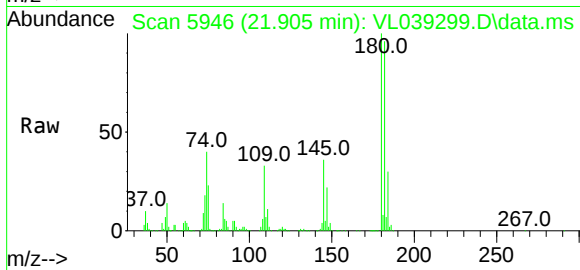
Tgt Ion:142 Resp: 1128153
Ion Ratio Lower Upper
142 100
141 84.3 64.6 96.8
115 39.8 32.7 49.1





#81
 1,2,4-Trichlorobenzene
 Concen: 8.865 ppbv
 RT: 21.905 min Scan# 5946
 Delta R.T. -0.016 min
 Lab File: VL039299.D
 Acq: 15 Jun 2022 16:13

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 2043062
 Ion Ratio Lower Upper
 180 100
 182 96.6 0.0 0.0
 184 31.0 0.0 0.0

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/16/2022
 Supervised By :Mahesh Dadoda 06/17/2022

