

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
 Data File : VL039401.D
 Acq On : 29 Jun 2022 17:30
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL062922

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/01/2022
 Supervised By : Mahesh Dadoda 07/01/2022

Quant Time: Jun 30 05:42:55 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jun 30 05:40:11 2022

QLast Update : Thu Jun 30 05:40:11 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.655	49	1386551	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.163	114	3807478	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.069	117	3626397m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.397 95 2668214 9.918 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 99.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.044	85	1694002	8.470	ppbv	99
3) Chlorodifluoromethane	2.986	51	1540294	8.756	ppbv	98
4) Chloromethane	3.134	50	867700	9.019	ppbv	98
5) Vinyl Chloride	3.253	62	788116	8.307	ppbv	99
6) Bromomethane	3.465	94	367588	9.206	ppbv	94
7) Chloroethane	3.549	64	297910	8.828	ppbv	99
8) Dichlorotetrafluoroethane	3.182	85	1939582	8.878	ppbv	99
9) Propene	3.005	41	718215	9.041	ppbv	99
10) Heptane	8.108	43	1773314	9.530	ppbv	100
11) Trichlorofluoromethane	3.944	101	1931204	8.665	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.478	101	1397962	8.414	ppbv	99
13) Ethanol	3.591	45	51280m	11.126	ppbv	
14) Bromoethene	3.732	108	630288	9.024	ppbv	99
15) Acetone	3.838	43	1451219	8.847	ppbv	99
16) 1,3-Butadiene	3.320	39	790422	9.287	ppbv	100
17) tert-Butyl alcohol	4.269	59	1384773	9.946	ppbv	98
18) 1,1-Dichloroethene	4.282	96	673485	8.948	ppbv	99
19) Isopropyl Alcohol	3.951	45	751170	8.585	ppbv #	93
20) Methylene Chloride	4.336	84	543140	8.307	ppbv	97
21) Allyl Chloride	4.404	41	1053112	9.269	ppbv	98
22) trans-1,2-Dichloroethene	4.877	96	649338	8.913	ppbv	98
23) Vinyl Acetate	5.060	43	1123375	10.247	ppbv #	98
24) 1,1-Dichloroethane	5.002	63	1489437	9.620	ppbv	98
25) Ethyl Acetate	5.661	43	3184958	9.469	ppbv	100
26) Hexane	5.677	57	1364683	10.065	ppbv	98
27) Carbon Disulfide	4.542	76	1606180	9.815	ppbv	100
28) Methyl tert-Butyl Ether	5.021	73	1459799	10.070	ppbv	98
29) Chloroform	5.742	83	2094620	8.884	ppbv	98
30) Cyclohexane	7.118	84	1160109	9.399	ppbv	99
31) cis-1,2-Dichloroethene	5.536	61	1351230	9.393	ppbv	98
32) 1,1,1-Trichloroethane	6.500	97	2082937	8.951	ppbv	100
34) 2-Butanone	5.230	43	1904061	9.934	ppbv	99
35) Carbon Tetrachloride	7.005	117	2205224	9.373	ppbv	98
36) Benzene	6.877	78	2804296	9.516	ppbv	97
37) 1,2-Dichloroethane	6.295	62	1555997	8.946	ppbv	99
38) Trichloroethene	7.825	130	1482096	9.299	ppbv	99
39) 1,2-Dichloropropane	7.600	63	1048678	9.526	ppbv	97
40) 1,4-Dioxane	7.815	88	418037	9.529	ppbv #	1
41) Tetrahydrofuran	6.034	42	1150576	10.359	ppbv	99
42) Bromodichloromethane	7.780	83	2279399	9.719	ppbv	99
43) Methyl Methacrylate	7.999	69	1157840	10.333	ppbv	99
44) 2,2,4-Trimethylpentane	7.857	57	4699064	9.410	ppbv	99
45) t-1,3-Dichloropropene	9.262	75	1204883	12.077	ppbv	98

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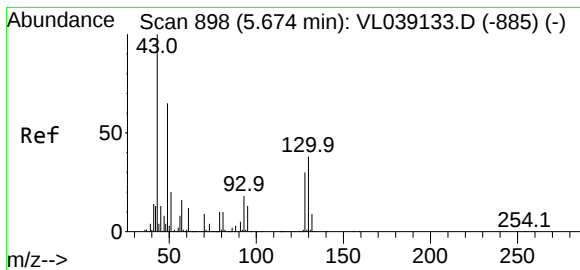
Quant Time: Jun 30 05:42:55 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jun 30 05:40:11 2022
 QLast Update : Thu Jun 30 05:40:11 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/01/2022
 Supervised By : Mahesh Dadoda 07/01/2022

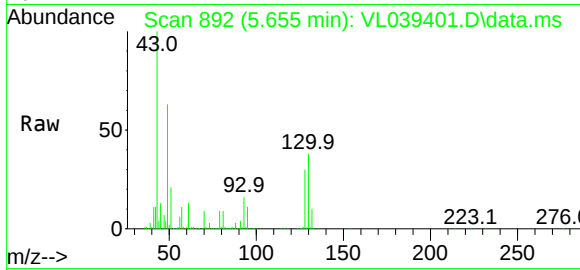
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.690	75	1541058	11.223	ppbv	99
47) 1,1,2-Trichloroethane	9.462	97	1170094	9.473	ppbv	99
48) Dibromochloromethane	10.291	129	2035516	10.368	ppbv	100
49) Bromoform	13.027	173	1713947	10.822	ppbv	99
50) 4-Methyl-2-Pentanone	8.725	43	2944410	10.160	ppbv	100
51) 2-Hexanone	10.114	43	2336542	10.659	ppbv #	100
52) Tetrachloroethene	11.208	164	1091717	9.203	ppbv	99
53) Toluene	9.790	91	3368075	9.909	ppbv	100
54) 1,2-Dibromoethane	10.597	107	1547831	10.071	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.111	131	1467714	9.162	ppbv #	57
57) Chlorobenzene	12.130	112	2562251	9.113	ppbv	97
58) Ethyl Benzene	12.696	91	4536119	9.687	ppbv	100
59) m/p-Xylene	12.982	91	7657335m	18.549	ppbv	
60) o-Xylene	13.674	91	3665115	9.376	ppbv	99
61) Styrene	13.513	104	2259434	10.670	ppbv	99
62) Isopropylbenzene	14.651	105	5440021	9.138	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.664	83	1745931	8.521	ppbv	100
64) n-propylbenzene	15.545	120	1430555	9.481	ppbv	100
65) tert-Butylbenzene	16.728	119	4929781	8.962	ppbv	100
66) Benzyl Chloride	16.969	91	663583	12.694	ppbv	99
67) sec-Butylbenzene	17.278	105	6770589	9.138	ppbv	100
69) p-Isopropyltoluene	17.638	119	5829748	9.273	ppbv	100
70) n-Butylbenzene	18.532	91	5764023	9.446	ppbv	100
71) 2-Chlorotoluene	15.436	91	4011363	9.415	ppbv	100
72) 4-Ethyltoluene	15.825	105	4455746	9.695	ppbv	100
73) 1,3,5-Trimethylbenzene	15.979	105	4069310	9.640	ppbv	98
74) 1,2,4-Trimethylbenzene	16.748	105	4345956	9.307	ppbv	98
75) 1,3-Dichlorobenzene	16.979	146	2631605	9.447	ppbv	100
76) 1,4-Dichlorobenzene	17.121	146	2528811	9.160	ppbv	100
77) 1,2-Dichlorobenzene	17.799	146	2522357	9.135	ppbv	99
78) Hexachloro-1,3-Butadiene	23.355	225	1843699	8.303	ppbv	99
79) Naphthalene	22.172	128	3702459	11.521	ppbv	100
80) Naphthalene,2-methyl-	24.950	142	1380636	12.623	ppbv	97
81) 1,2,4-Trichlorobenzene	21.905	180	2053729	9.812	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.655 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

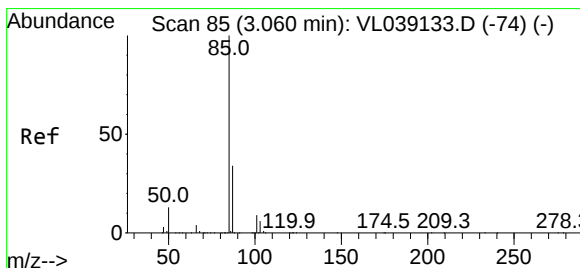
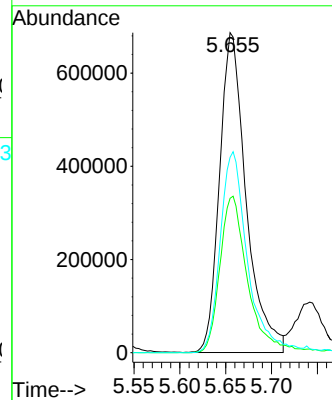
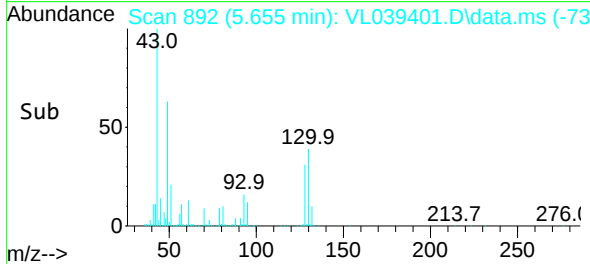
Instrument :
MSVOA_L
ClientSampleId :
ICVVL062922



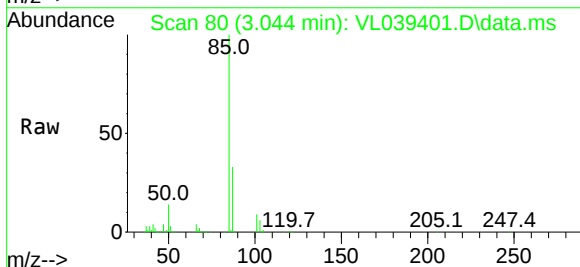
Tgt Ion: 49 Resp: 138655
Ion Ratio Lower Upper
49 100
128 52.6 26.7 80.0
130 66.2 34.3 102.8

Manual Integrations
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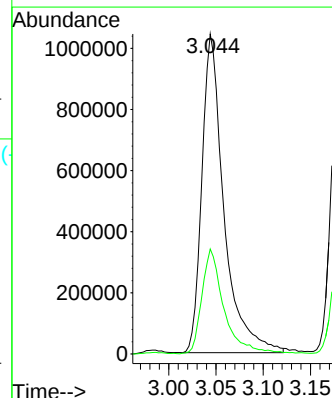
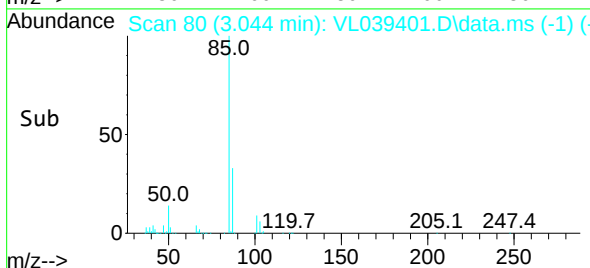
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

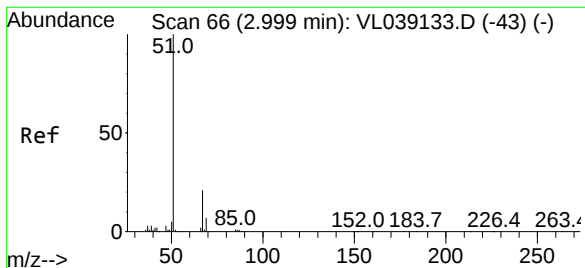


#2
Dichlorodifluoromethane
Concen: 8.470 ppbv
RT: 3.044 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30



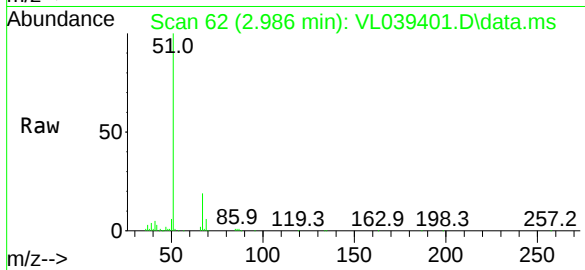
Tgt Ion: 85 Resp: 1694002
Ion Ratio Lower Upper
85 100
87 32.7 26.7 40.1





#3
Chlorodifluoromethane
Concen: 8.756 ppbv
RT: 2.986 min Scan# 61
Delta R.T. 0.006 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

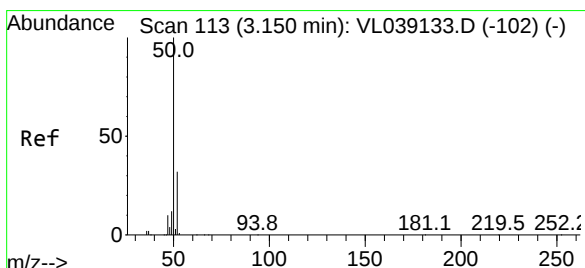
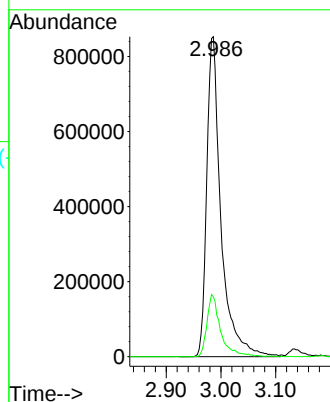
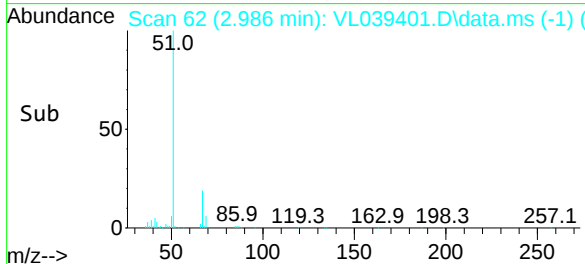
Instrument :
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ClientSampleId :
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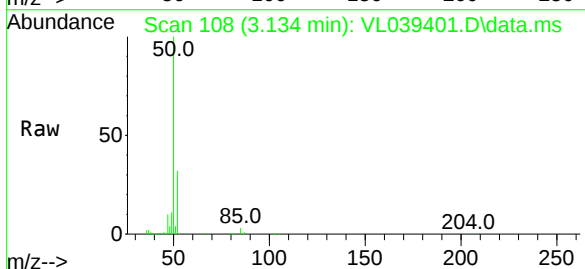
Tgt Ion: 51 Resp: 1540294
Ion Ratio Lower Upper
51 100
67 18.9 15.7 23.5

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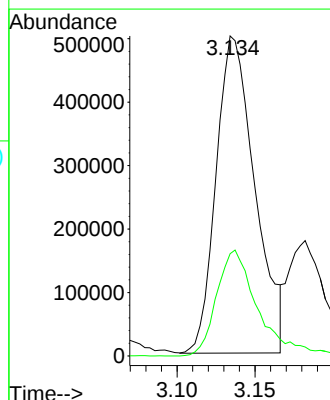
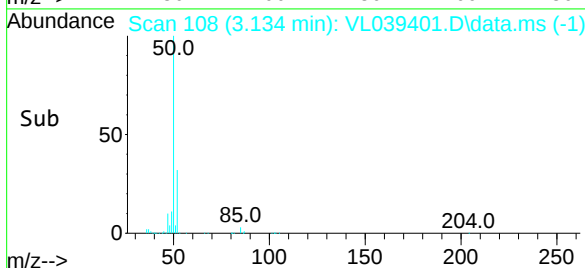
Reviewed By :Semsettin Yesilyurt 07/01/2022
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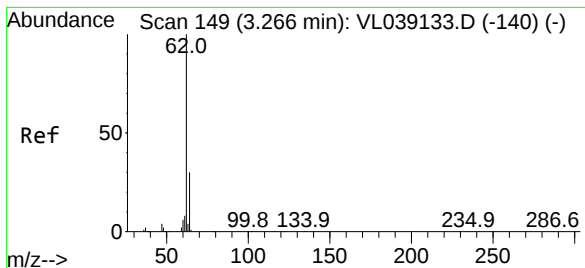


#4
Chloromethane
Concen: 9.019 ppbv
RT: 3.134 min Scan# 108
Delta R.T. 0.003 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30



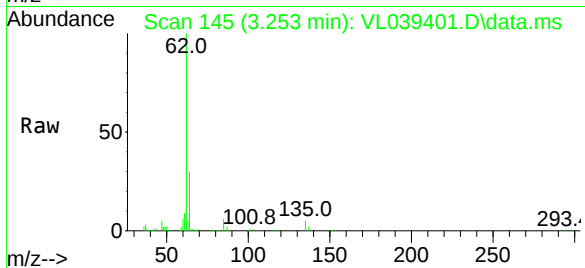
Tgt Ion: 50 Resp: 867700
Ion Ratio Lower Upper
50 100
52 32.2 26.5 39.7





#5
 Vinyl Chloride
 Concen: 8.307 ppbv
 RT: 3.253 min Scan# 149
 Delta R.T. 0.006 min
 Lab File: VL039401.D
 Acq: 29 Jun 2022 17:30

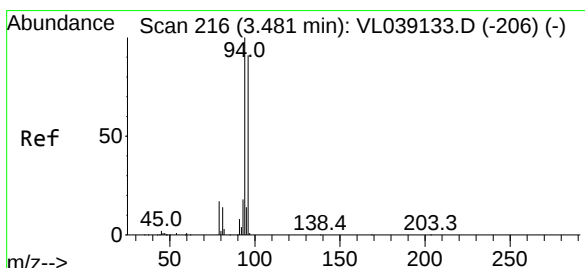
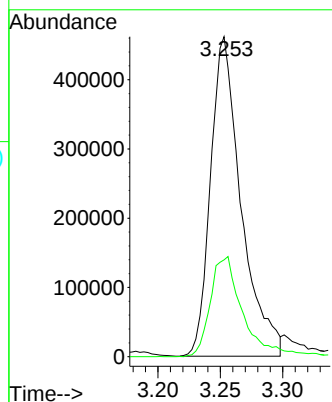
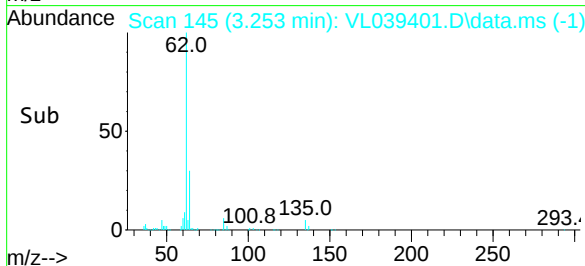
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL062922



Tgt Ion: 62 Resp: 788110
 Ion Ratio Lower Upper
 62 100
 64 30.3 24.6 36.8

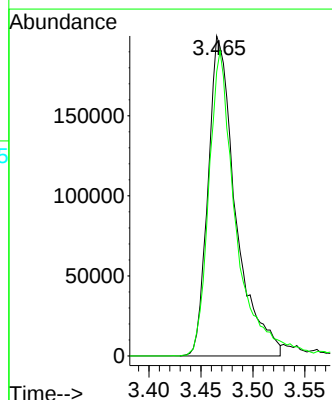
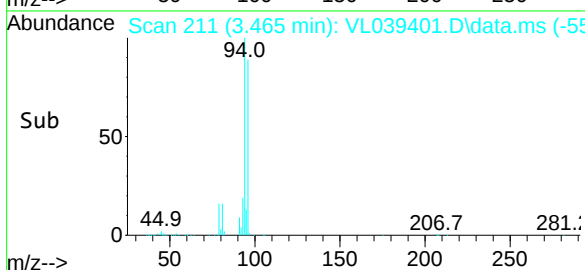
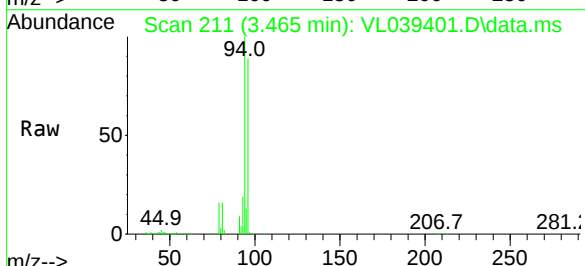
Manual Integrations
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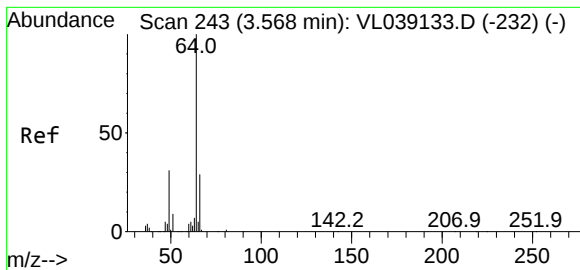
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022



#6
 Bromomethane
 Concen: 9.206 ppbv
 RT: 3.465 min Scan# 211
 Delta R.T. 0.003 min
 Lab File: VL039401.D
 Acq: 29 Jun 2022 17:30

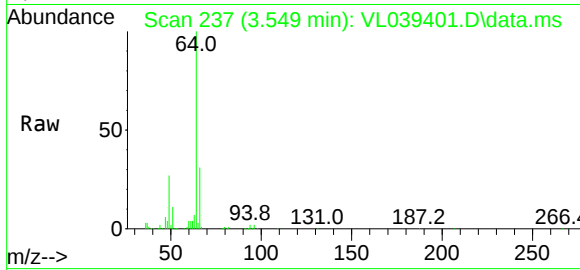
Tgt Ion: 94 Resp: 367588
 Ion Ratio Lower Upper
 94 100
 96 88.7 75.6 113.4





#7
Chloroethane
Concen: 8.828 ppbv
RT: 3.549 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

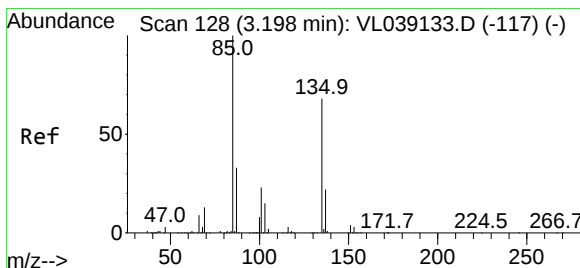
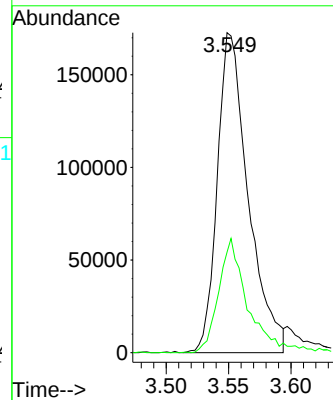
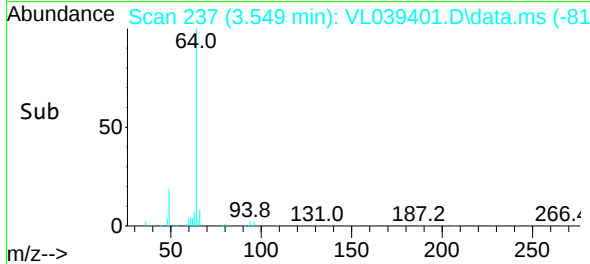
Instrument :
MSVOA_L
ClientSampleId :
ICVVL062922



Tgt Ion: 64 Resp: 297910
Ion Ratio Lower Upper
64 100
66 31.4 24.7 37.1

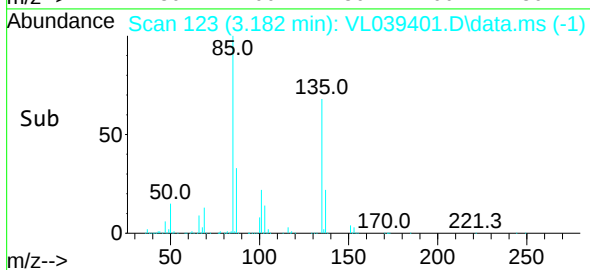
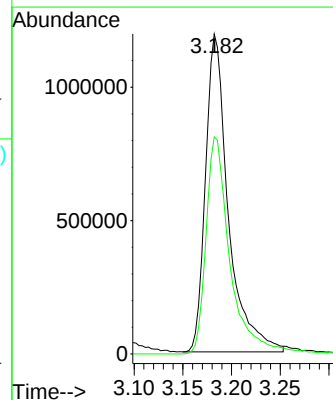
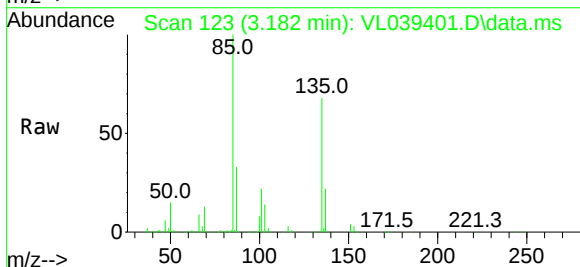
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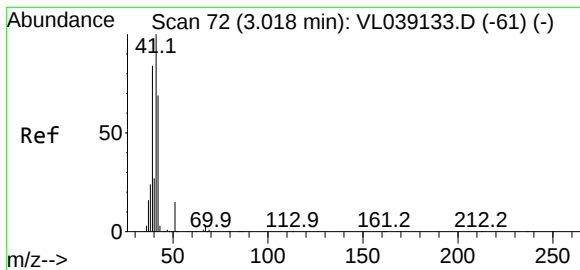
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#8
Dichlorotetrafluoroethane
Concen: 8.878 ppbv
RT: 3.182 min Scan# 123
Delta R.T. 0.003 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

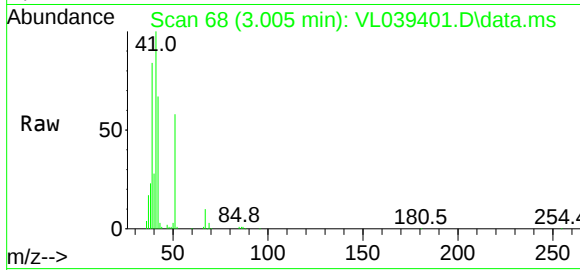
Tgt Ion: 85 Resp: 1939582
Ion Ratio Lower Upper
85 100
135 72.6 59.0 88.4





#9
 Propene
 Concen: 9.041 ppbv
 RT: 3.005 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL039401.D
 Acq: 29 Jun 2022 17:30

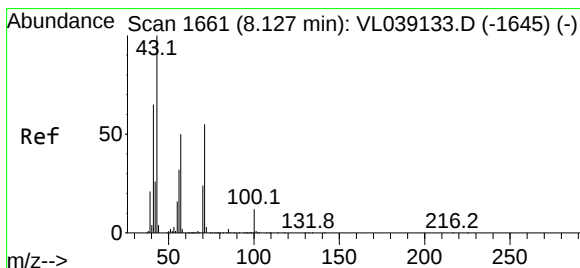
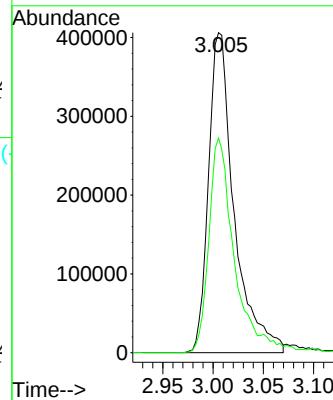
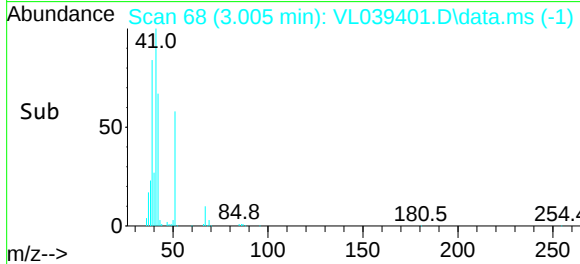
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL062922



Tgt Ion: 41 Resp: 718215
 Ion Ratio Lower Upper
 41 100
 42 68.1 55.2 82.8

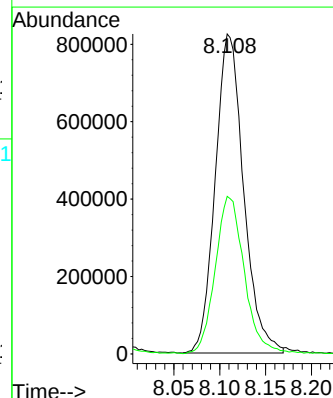
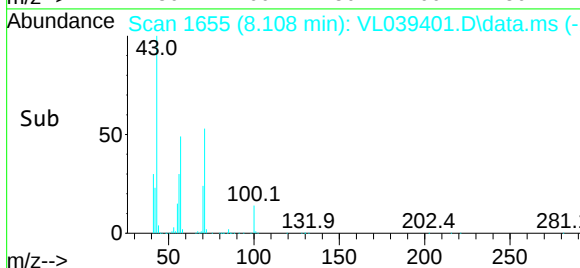
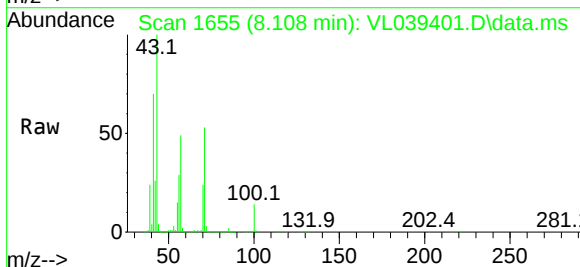
Manual Integrations
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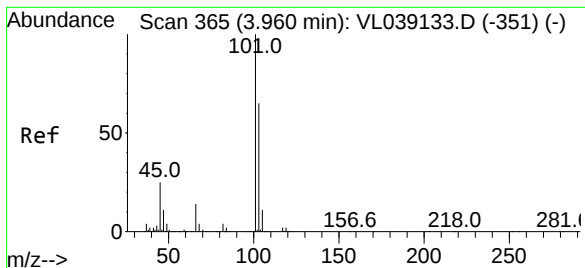
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022



#10
 Heptane
 Concen: 9.530 ppbv
 RT: 8.108 min Scan# 1655
 Delta R.T. 0.003 min
 Lab File: VL039401.D
 Acq: 29 Jun 2022 17:30

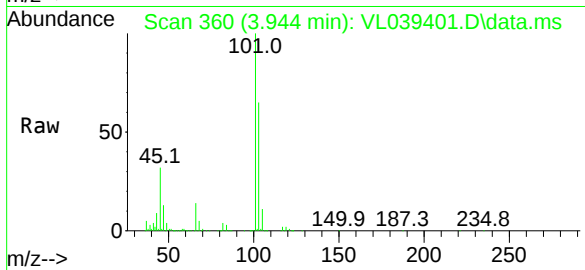
Tgt Ion: 43 Resp: 1773314
 Ion Ratio Lower Upper
 43 100
 57 50.7 40.5 60.7





#11
Trichlorofluoromethane
Concen: 8.665 ppbv
RT: 3.944 min Scan# 30
Delta R.T. 0.006 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

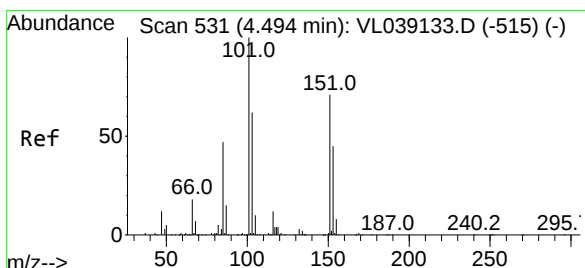
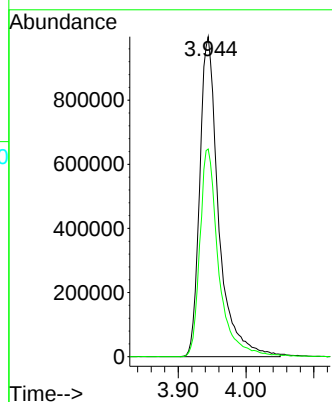
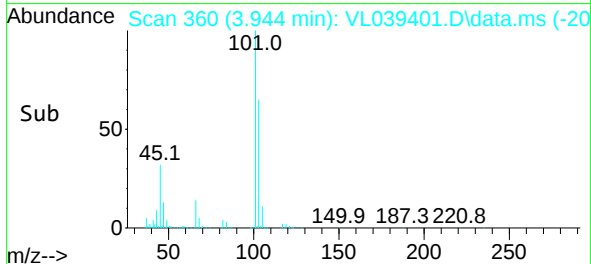
Instrument :
MSVOA_L
ClientSampleId :
ICVVL062922



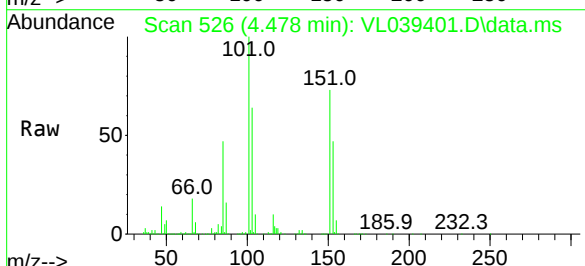
Tgt Ion:101 Resp: 1931204
Ion Ratio Lower Upper
101 100
103 64.9 51.8 77.8

Manual Integrations
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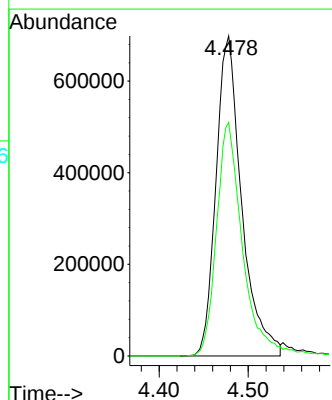
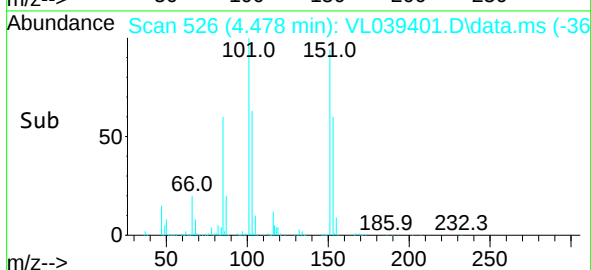
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

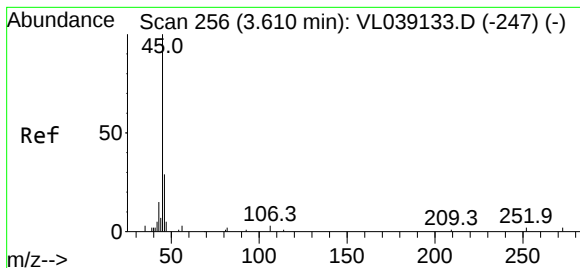


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.414 ppbv
RT: 4.478 min Scan# 526
Delta R.T. 0.006 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30



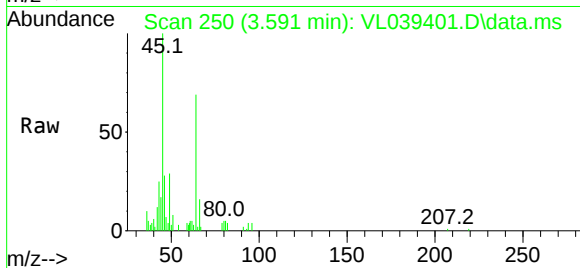
Tgt Ion:101 Resp: 1397962
Ion Ratio Lower Upper
101 100
151 74.8 58.9 88.3





#13
Ethanol
Concen: 11.126 ppbv m
RT: 3.591 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

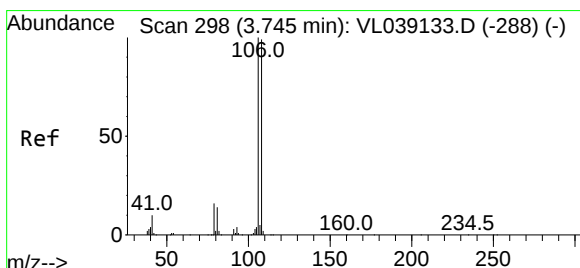
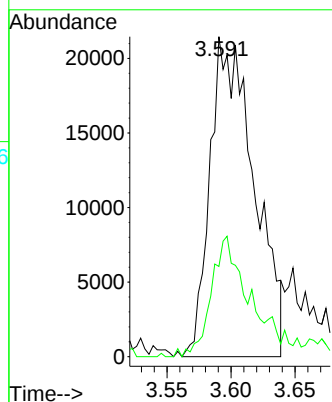
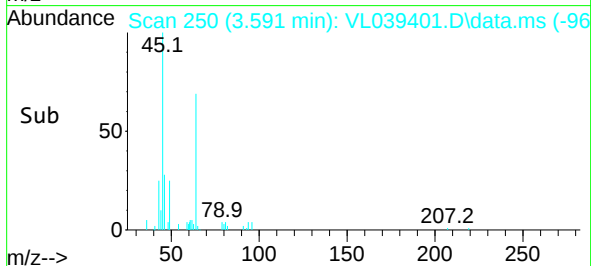
Instrument :
MSVOA_L
ClientSampleId :
ICVVL062922



Tgt Ion: 45 Resp: 51280
Ion Ratio Lower Upper
45 100
46 34.1 22.8 91.2

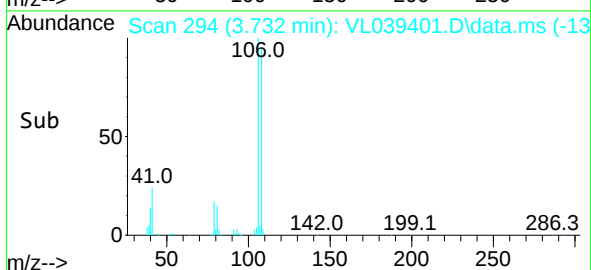
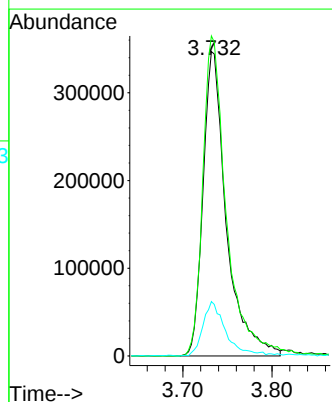
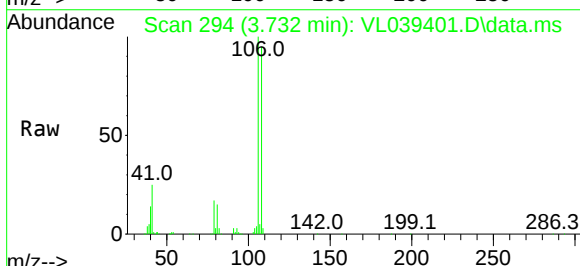
Manual Integrations
APPROVED

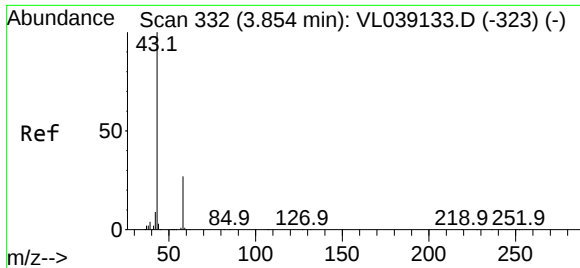
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#14
Bromoethene
Concen: 9.024 ppbv
RT: 3.732 min Scan# 294
Delta R.T. 0.003 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

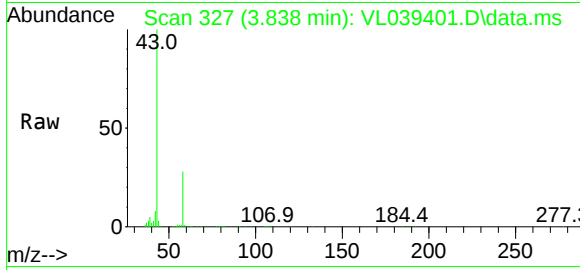
Tgt Ion:108 Resp: 630288
Ion Ratio Lower Upper
108 100
106 107.8 87.1 130.7
79 18.8 14.6 22.0





#15
Acetone
Concen: 8.847 ppbv
RT: 3.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

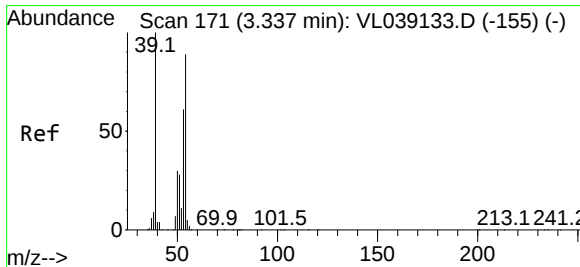
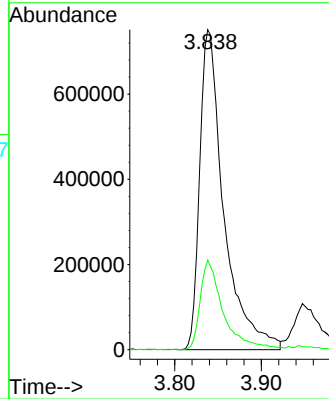
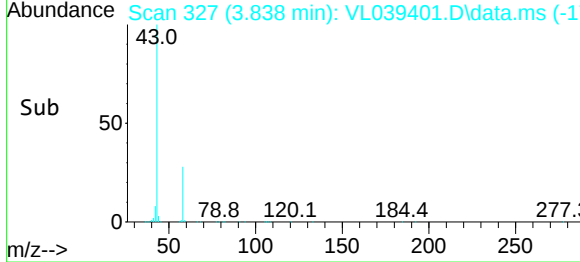
Instrument :
MSVOA_L
ClientSampleId :
ICVVL062922



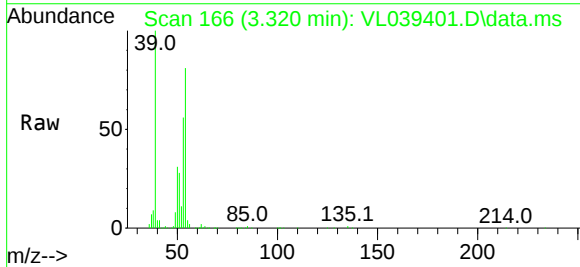
Tgt Ion: 43 Resp: 1451219
Ion Ratio Lower Upper
43 100
58 26.8 21.0 31.6

Manual Integrations
APPROVED

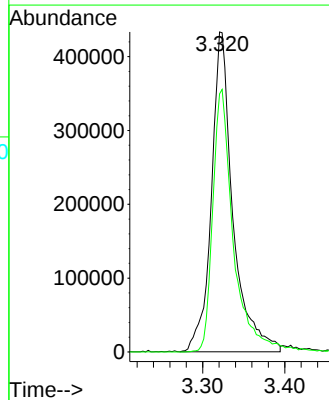
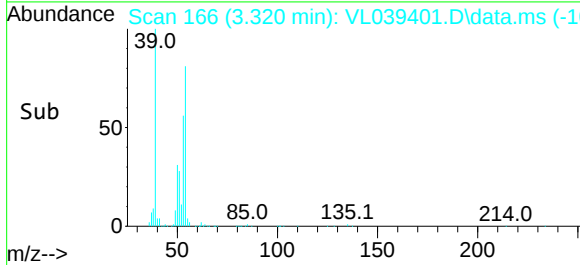
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

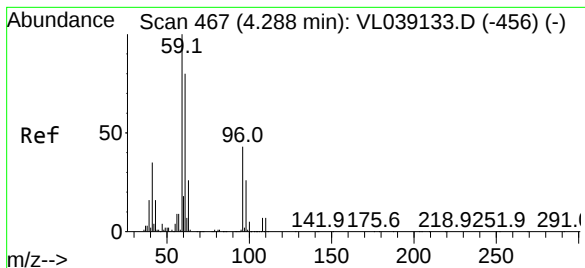


#16
1,3-Butadiene
Concen: 9.287 ppbv
RT: 3.320 min Scan# 166
Delta R.T. 0.003 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30



Tgt Ion: 39 Resp: 790422
Ion Ratio Lower Upper
39 100
54 79.4 63.7 95.5





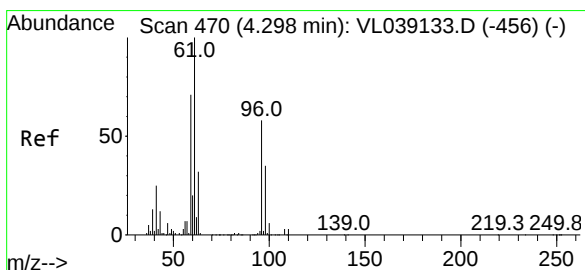
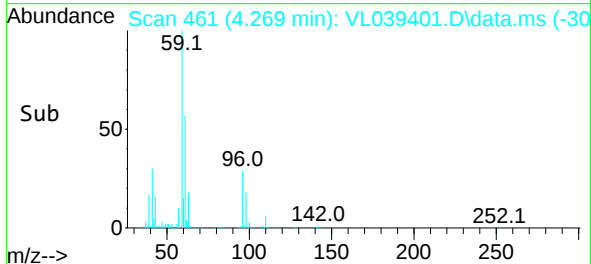
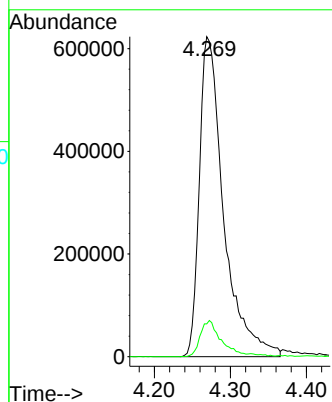
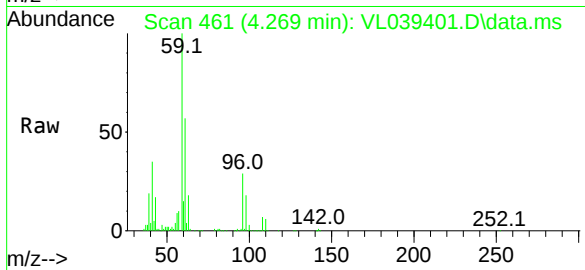
#17
tert-Butyl alcohol
Concen: 9.946 ppbv
RT: 4.269 min Scan# 40
Delta R.T. -0.000 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

Instrument :
MSVOA_L
ClientSampleId :
ICVVL062922

Tgt Ion: 59 Resp: 138477
Ion Ratio Lower Upper
59 100
57 10.3 8.7 13.1

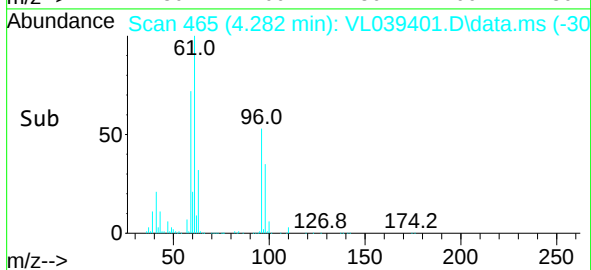
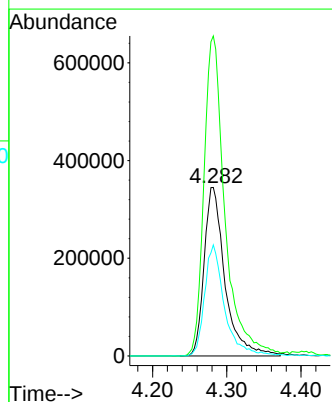
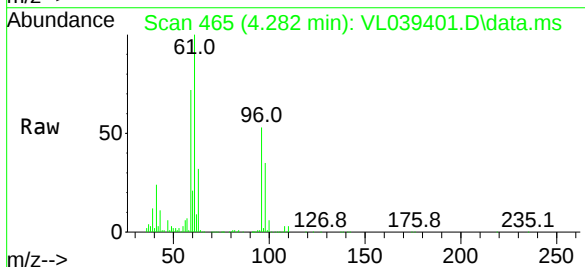
Manual Integrations
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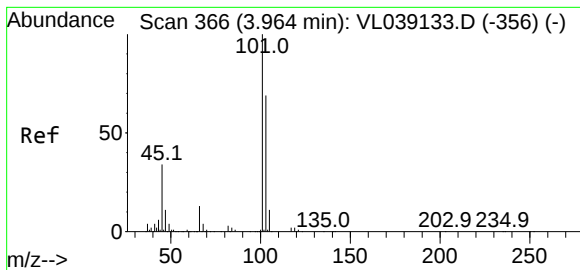
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#18
1,1-Dichloroethene
Concen: 8.948 ppbv
RT: 4.282 min Scan# 465
Delta R.T. 0.003 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

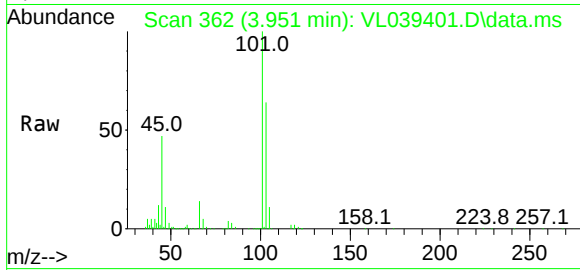
Tgt Ion: 96 Resp: 673485
Ion Ratio Lower Upper
96 100
61 189.9 152.2 228.4
98 65.9 51.8 77.6





#19
Isopropyl Alcohol
Concen: 8.585 ppbv
RT: 3.951 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

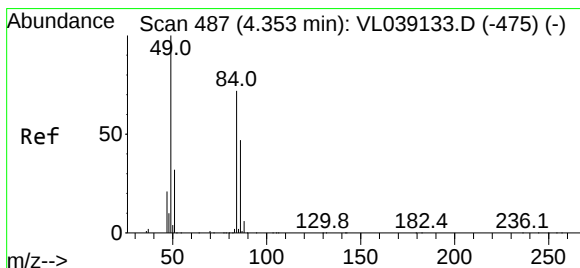
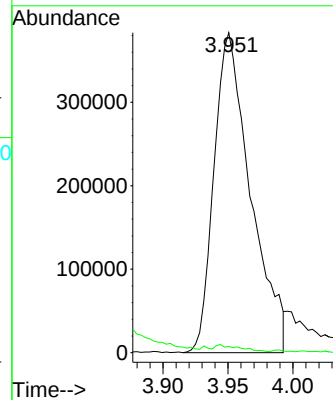
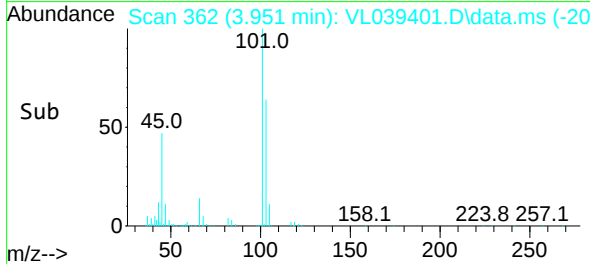
Instrument :
MSVOA_L
ClientSampleId :
ICVVL062922



Tgt Ion: 45 Resp: 751170
Ion Ratio Lower Upper
45 100
58 1.8 3.2 4.8

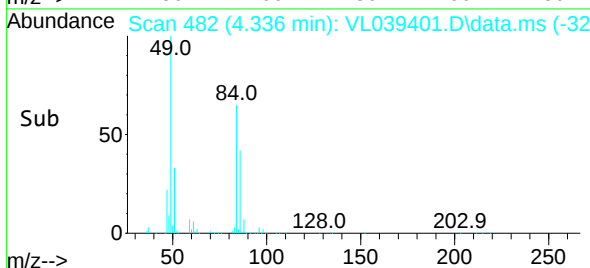
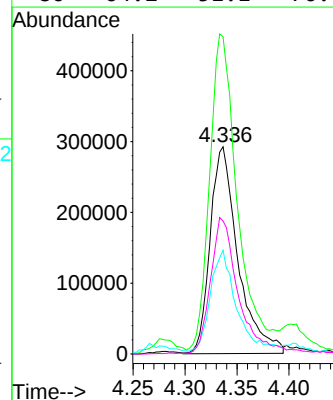
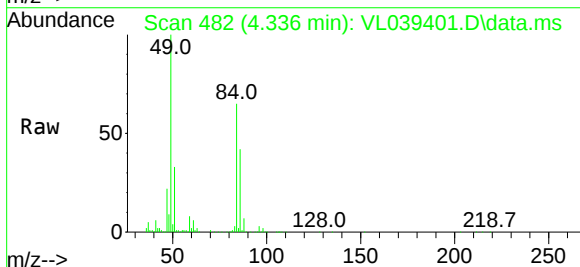
Manual Integrations
APPROVED

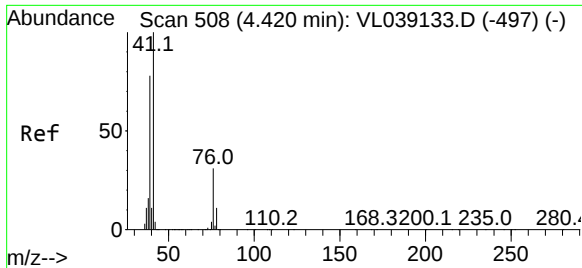
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#20
Methylene Chloride
Concen: 8.307 ppbv
RT: 4.336 min Scan# 482
Delta R.T. 0.006 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

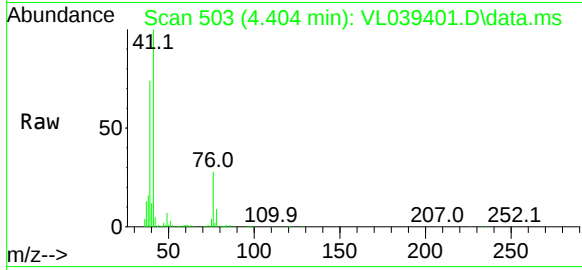
Tgt Ion: 84 Resp: 543140
Ion Ratio Lower Upper
84 100
49 150.7 123.1 184.7
51 48.7 34.4 51.6
86 64.2 51.1 76.7





#21
 Allyl Chloride
 Concen: 9.269 ppbv
 RT: 4.404 min Scan# 508
 Delta R.T. 0.006 min
 Lab File: VL039401.D
 Acq: 29 Jun 2022 17:30

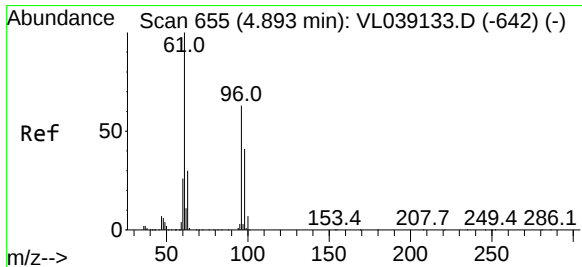
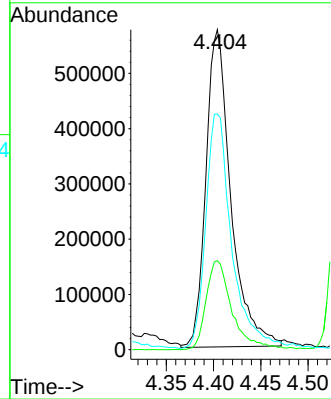
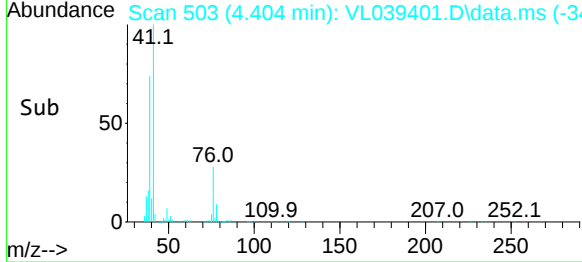
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL062922



Tgt Ion: 41 Resp: 105311
 Ion Ratio Lower Upper
 41 100
 76 29.3 24.4 36.6
 39 77.7 63.5 95.3

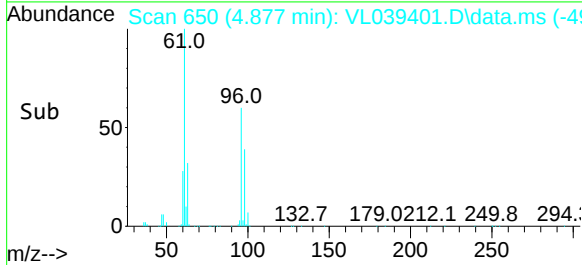
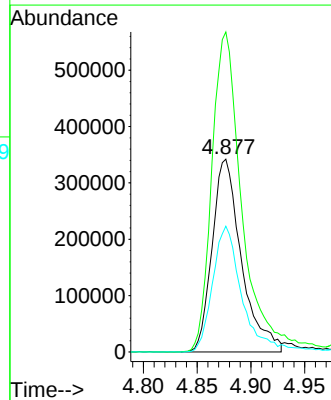
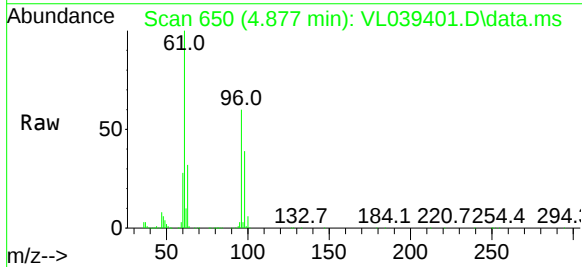
Manual Integrations
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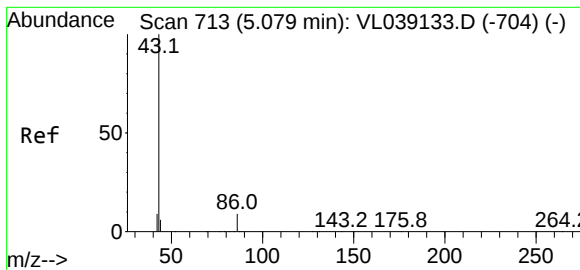
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022



#22
 trans-1,2-Dichloroethene
 Concen: 8.913 ppbv
 RT: 4.877 min Scan# 650
 Delta R.T. 0.006 min
 Lab File: VL039401.D
 Acq: 29 Jun 2022 17:30

Tgt Ion: 96 Resp: 649338
 Ion Ratio Lower Upper
 96 100
 61 165.9 130.6 195.8
 98 65.2 53.4 80.0





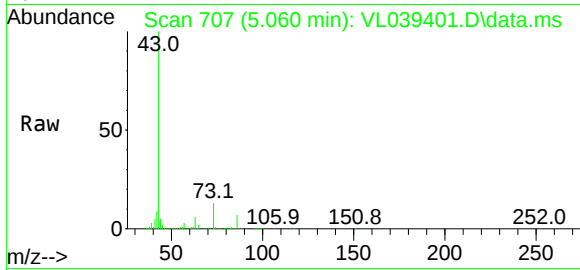
#23
 Vinyl Acetate
 Concen: 10.247 ppbv
 RT: 5.060 min Scan# 707
 Delta R.T. 0.003 min
 Lab File: VL039401.D
 Acq: 29 Jun 2022 17:30

Instrument :

MSVOA_L

ClientSampleId :

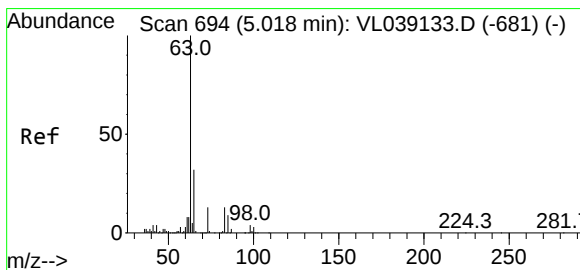
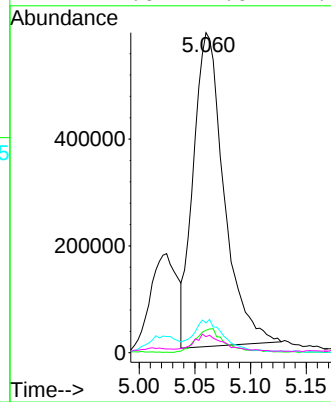
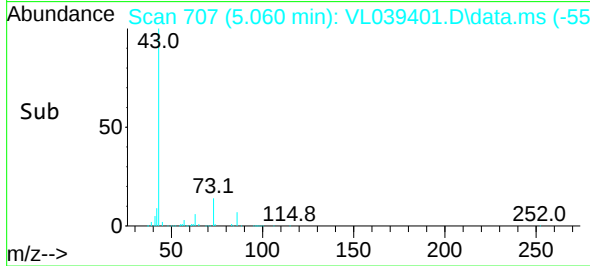
ICVVL062922



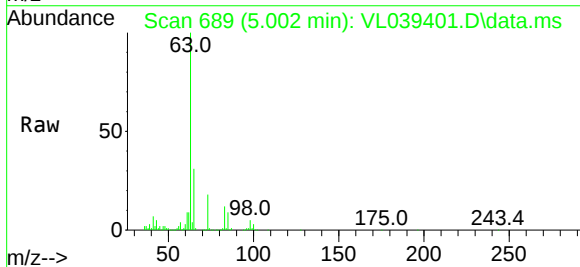
Tgt Ion: 43 Resp: 1123379
 Ion Ratio Lower Upper
 43 100
 86 7.0 5.0 7.6
 42 9.1 7.7 11.5
 44 4.6 4.6 7.0#

Manual Integrations
 APPROVED

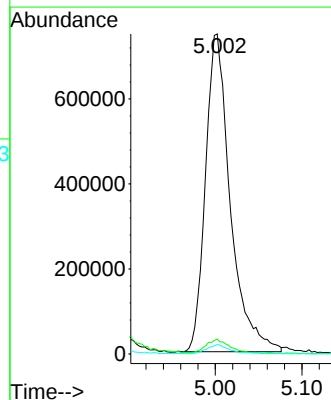
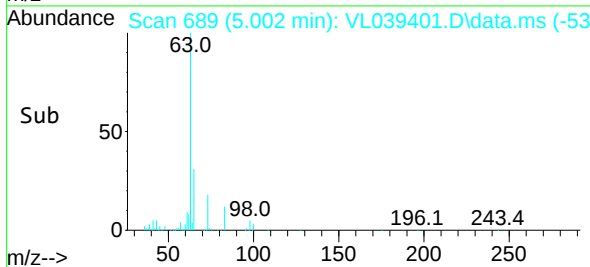
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

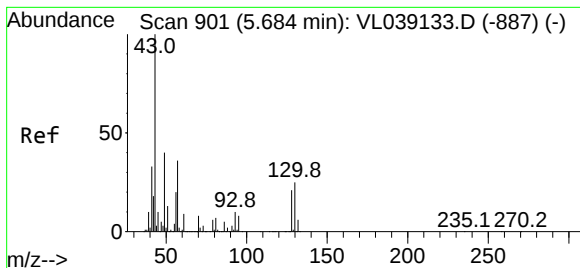


#24
 1,1-Dichloroethane
 Concen: 9.620 ppbv
 RT: 5.002 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VL039401.D
 Acq: 29 Jun 2022 17:30



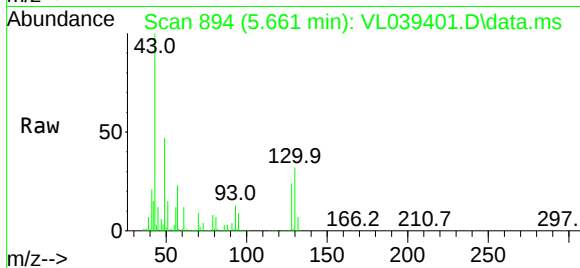
Tgt Ion: 63 Resp: 1489437
 Ion Ratio Lower Upper
 63 100
 98 4.4 1.8 5.3
 100 2.9 1.5 4.4





#25
Ethyl Acetate
Concen: 9.469 ppbv
RT: 5.661 min Scan# 894
Delta R.T. -0.000 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

Instrument :
MSVOA_L
Client Sample Id :
ICVVL062922

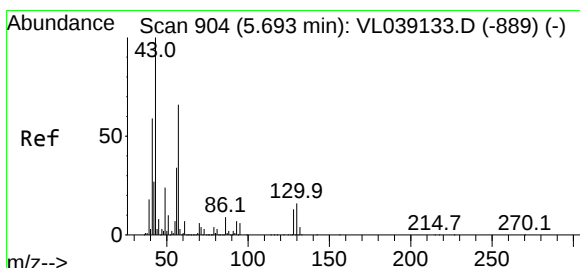
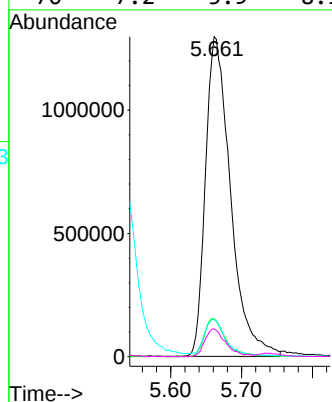


Tgt Ion: 43 Resp: 3184958

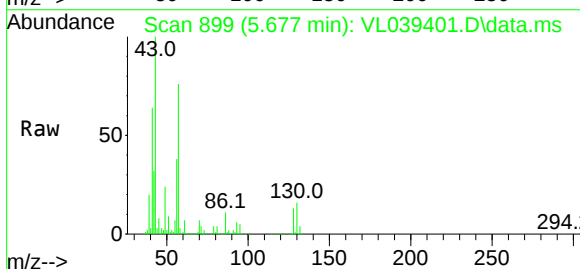
Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.2	12.4
61	10.3	8.3	12.5
70	7.2	5.9	8.9

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

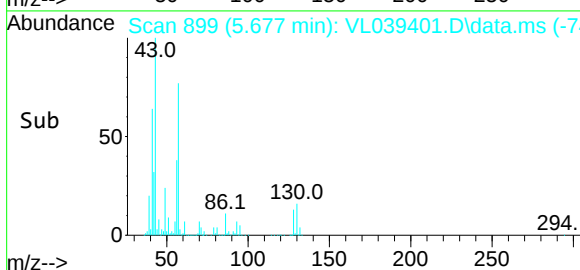
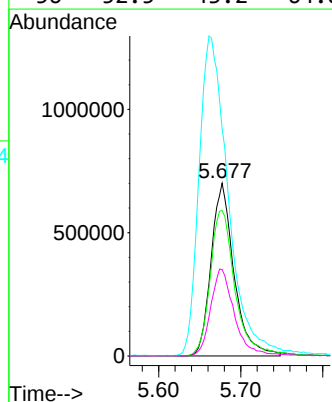


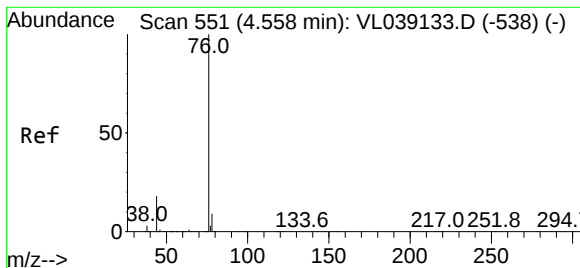
#26
Hexane
Concen: 10.065 ppbv
RT: 5.677 min Scan# 899
Delta R.T. 0.006 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30



Tgt Ion: 57 Resp: 1364683

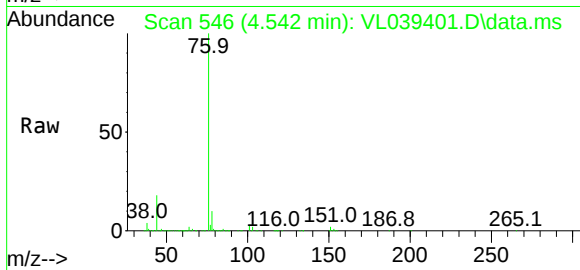
Ion	Ratio	Lower	Upper
57	100		
41	92.7	76.9	115.3
43	237.4	191.0	286.6
56	52.5	43.2	64.8





#27
Carbon Disulfide
Concen: 9.815 ppbv
RT: 4.542 min Scan# 54
Delta R.T. 0.006 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

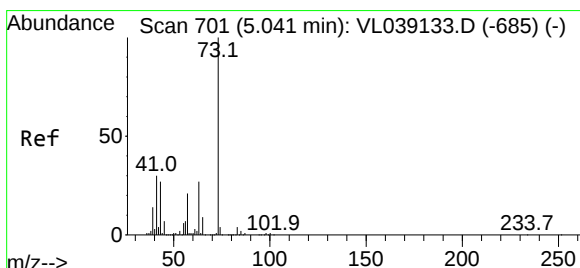
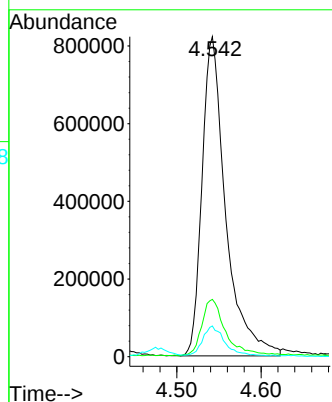
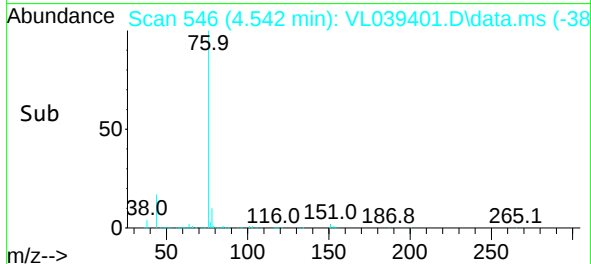
Instrument :
MSVOA_L
ClientSampleId :
ICVVL062922



Tgt Ion: 76 Resp: 1606180
Ion Ratio Lower Upper
76 100
44 18.0 14.6 21.8
78 9.8 7.8 11.6

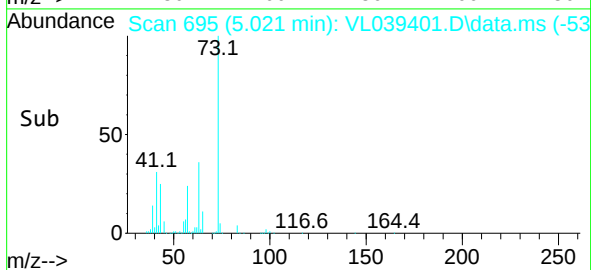
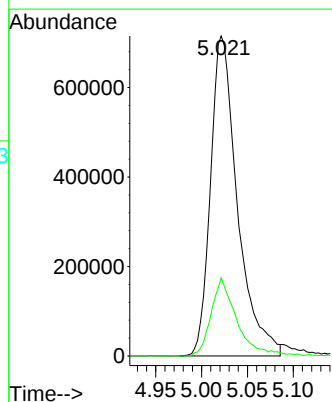
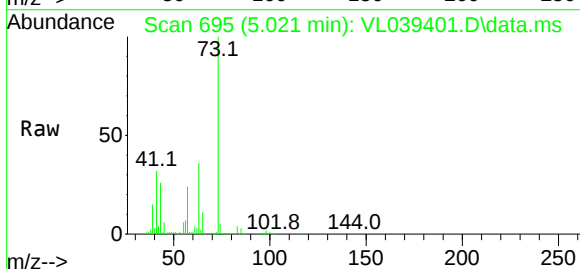
Manual Integrations
APPROVED

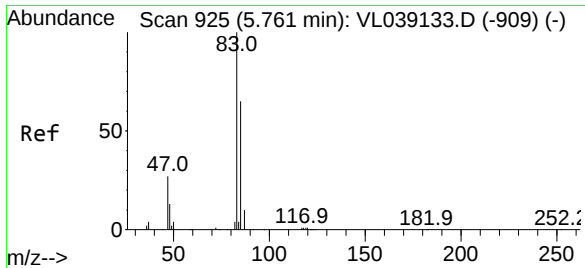
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#28
Methyl tert-Butyl Ether
Concen: 10.070 ppbv
RT: 5.021 min Scan# 695
Delta R.T. 0.003 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

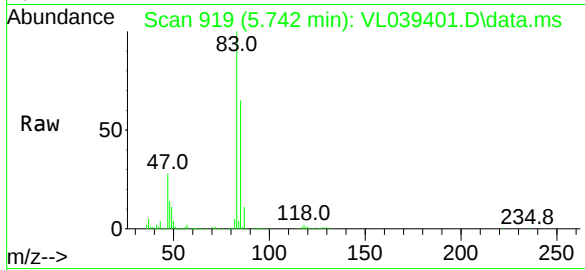
Tgt Ion: 73 Resp: 1459799
Ion Ratio Lower Upper
73 100
57 23.6 19.8 29.8





#29
Chloroform
Concen: 8.884 ppbv
RT: 5.742 min Scan# 919
Delta R.T. 0.006 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

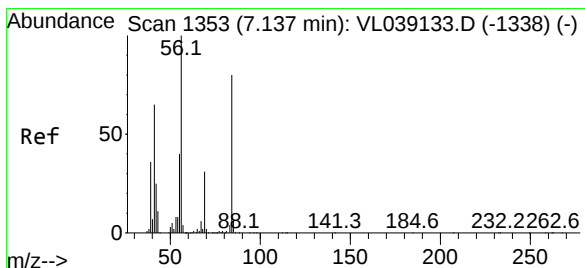
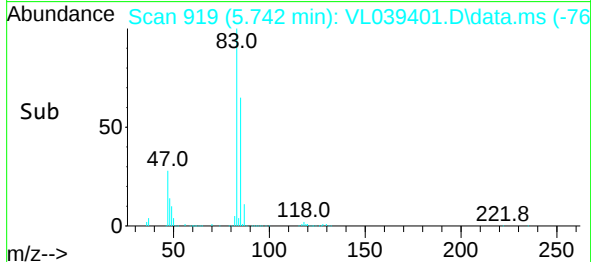
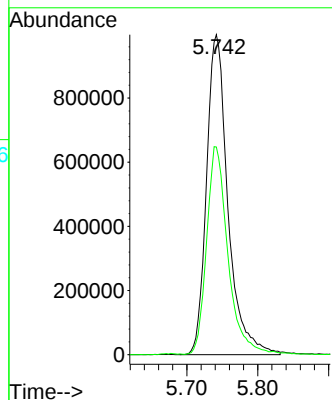
Instrument :
MSVOA_L
ClientSampleId :
ICVVL062922



Tgt Ion: 83 Resp: 2094620
Ion Ratio Lower Upper
83 100
85 64.7 52.8 79.2

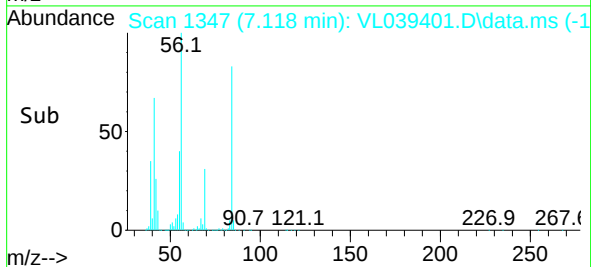
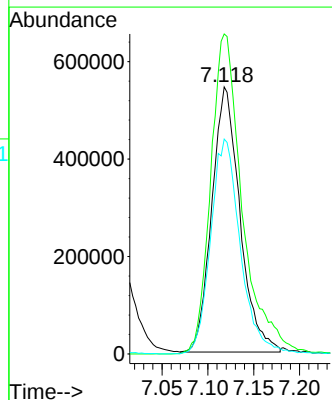
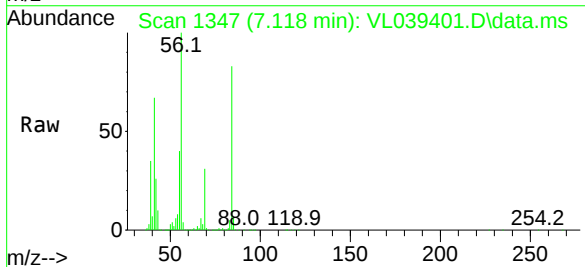
Manual Integrations
APPROVED

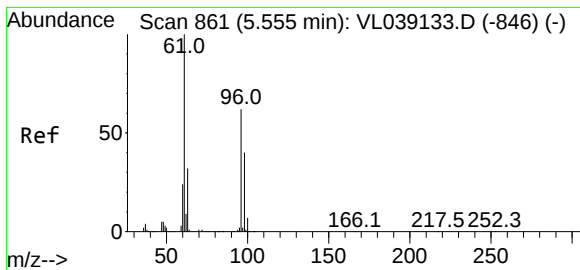
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#30
Cyclohexane
Concen: 9.399 ppbv
RT: 7.118 min Scan# 1347
Delta R.T. 0.006 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

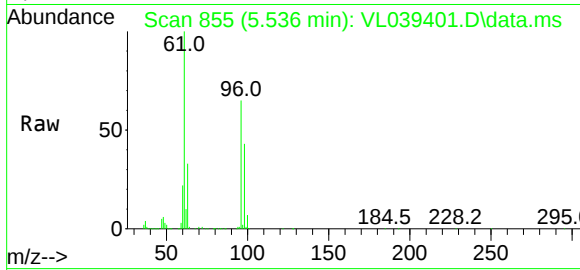
Tgt Ion: 84 Resp: 1160109
Ion Ratio Lower Upper
84 100
56 136.3 107.7 161.5
41 85.6 67.7 101.5





#31
 cis-1,2-Dichloroethene
 Concen: 9.393 ppbv
 RT: 5.536 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VL039401.D
 Acq: 29 Jun 2022 17:30

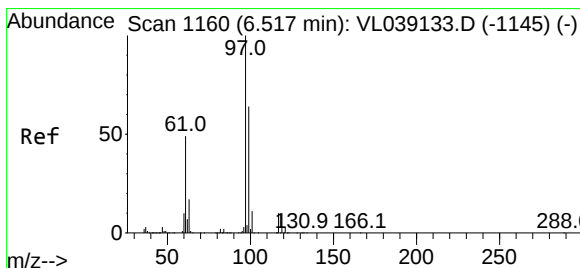
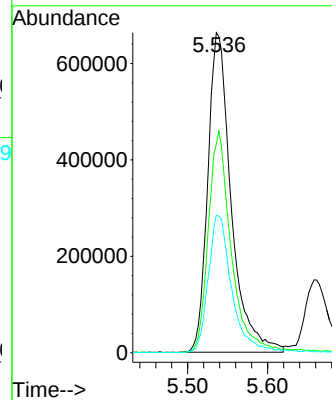
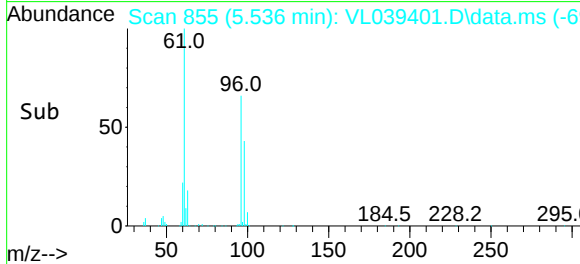
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL062922



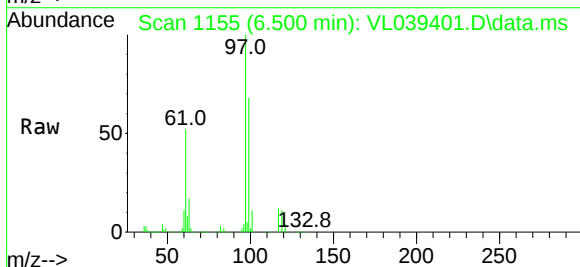
Tgt Ion: 61 Resp: 1351230
 Ion Ratio Lower Upper
 61 100
 96 65.2 54.1 81.1
 98 42.9 34.6 52.0

Manual Integrations
 APPROVED

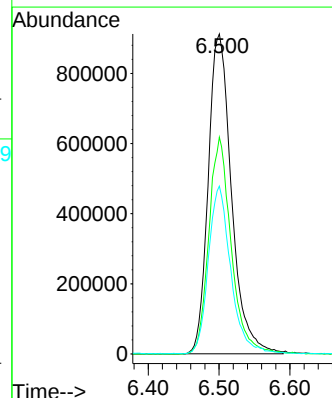
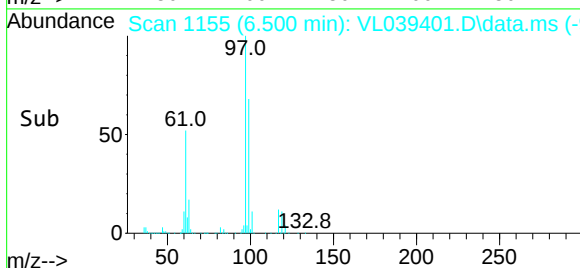
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

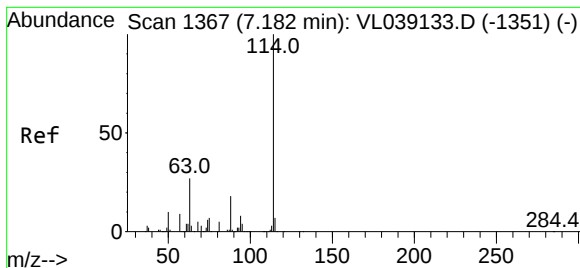


#32
 1,1,1-Trichloroethane
 Concen: 8.951 ppbv
 RT: 6.500 min Scan# 1155
 Delta R.T. 0.006 min
 Lab File: VL039401.D
 Acq: 29 Jun 2022 17:30



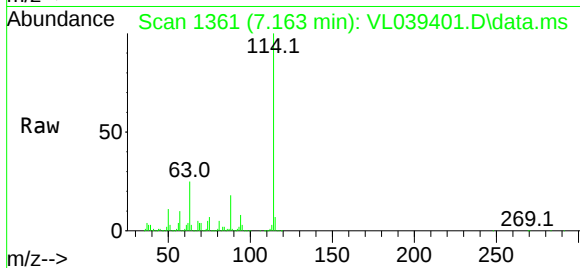
Tgt Ion: 97 Resp: 2082937
 Ion Ratio Lower Upper
 97 100
 99 65.4 52.3 78.5
 61 50.6 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.163 min Scan# 114
Delta R.T. 0.006 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

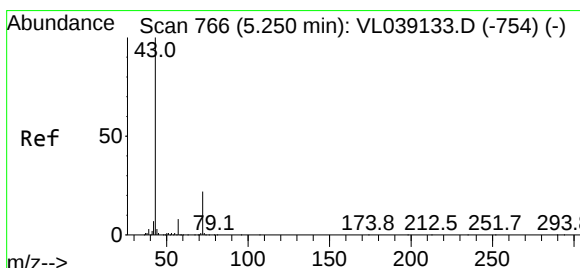
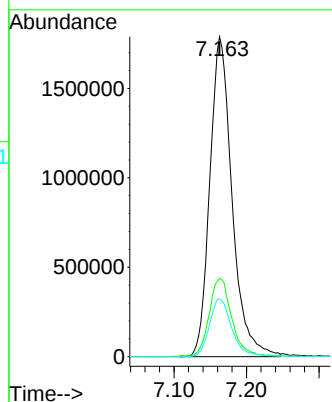
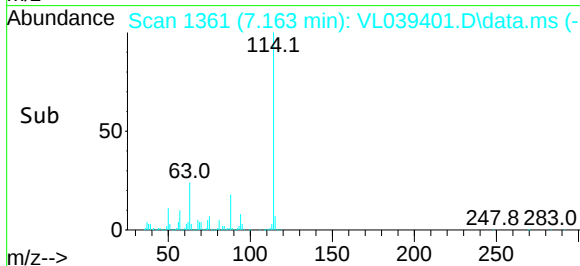
Instrument :
MSVOA_L
ClientSampleId :
ICVVL062922



Tgt Ion:114 Resp: 3807478
Ion Ratio Lower Upper
114 100
63 25.2 20.2 30.4
88 18.3 14.5 21.7

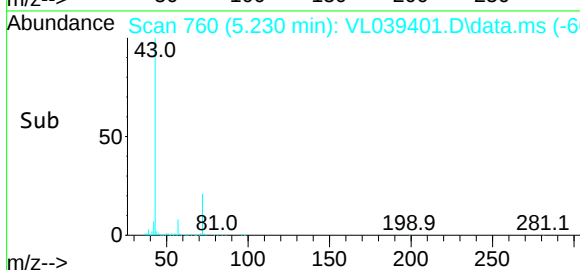
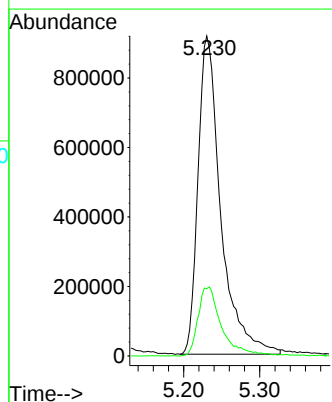
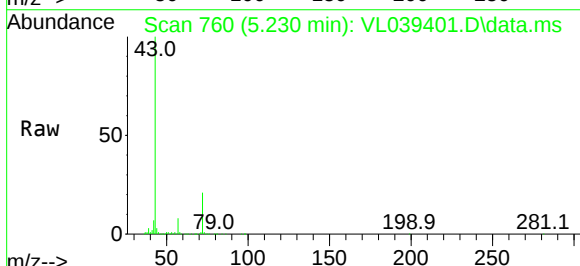
Manual Integrations
APPROVED

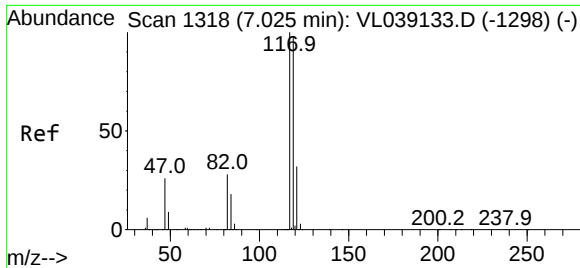
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#34
2-Butanone
Concen: 9.934 ppbv
RT: 5.230 min Scan# 760
Delta R.T. 0.006 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

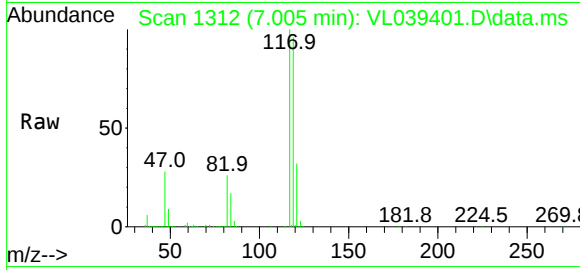
Tgt Ion: 43 Resp: 1904061
Ion Ratio Lower Upper
43 100
72 22.7 17.9 26.9





#35
Carbon Tetrachloride
Concen: 9.373 ppbv
RT: 7.005 min Scan# 117
Delta R.T. 0.006 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

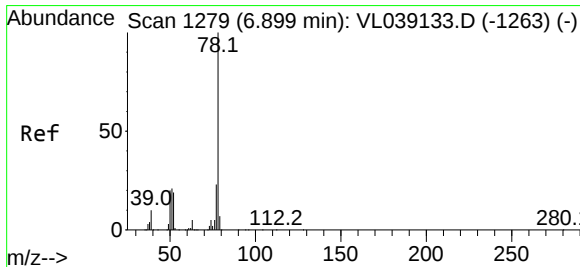
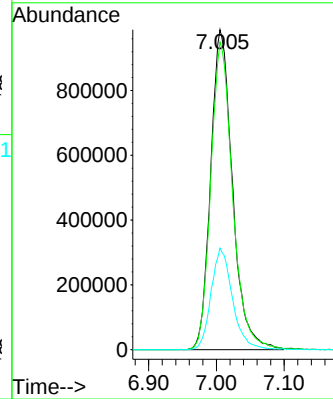
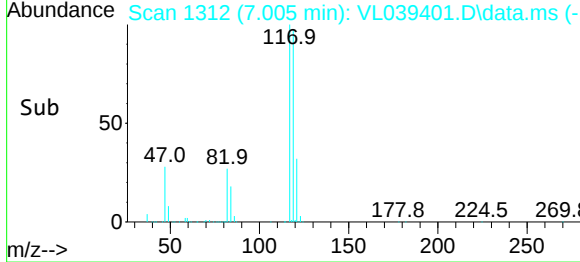
Instrument : MSVOA_L
ClientSampleId : ICVVL062922



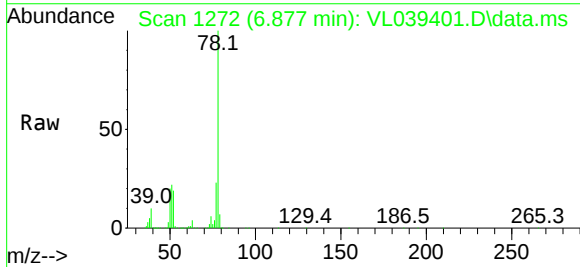
Tgt Ion: 117 Resp: 2205224
Ion Ratio Lower Upper
117 100
119 96.1 75.4 113.2
121 31.7 24.2 36.2

Manual Integrations
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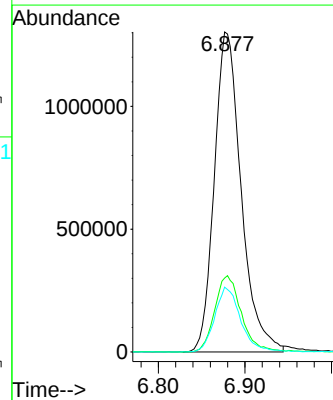
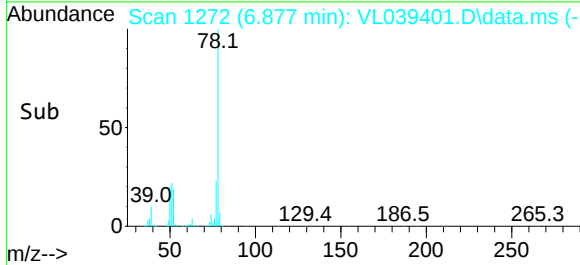
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

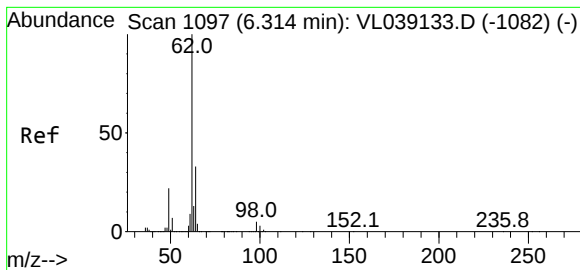


#36
Benzene
Concen: 9.516 ppbv
RT: 6.877 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30



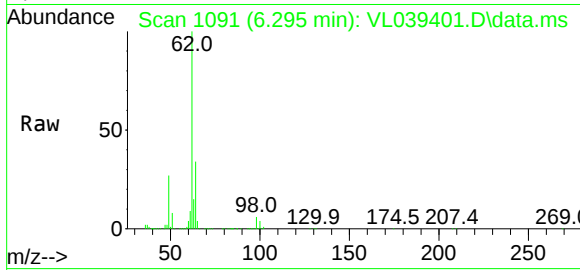
Tgt Ion: 78 Resp: 2804296
Ion Ratio Lower Upper
78 100
77 23.1 20.3 30.5
50 20.2 15.5 23.3





#37
1,2-Dichloroethane
Concen: 8.946 ppbv
RT: 6.295 min Scan# 1097
Delta R.T. 0.006 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

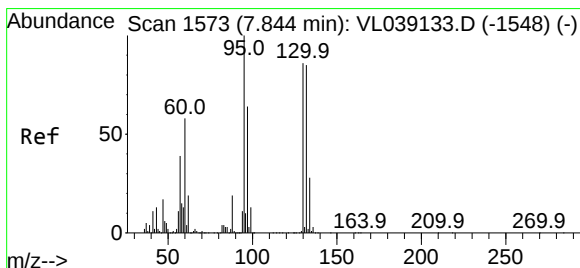
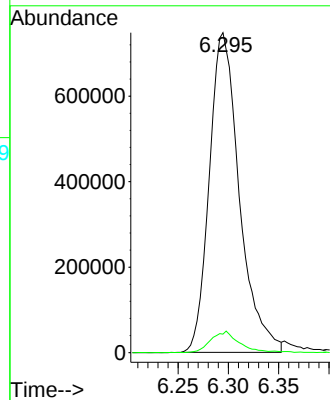
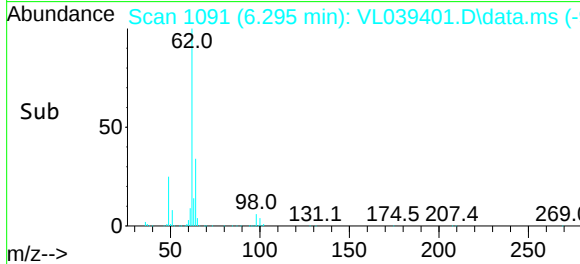
Instrument :
MSVOA_L
ClientSampleId :
ICVVL062922



Tgt Ion: 62 Resp: 155599
Ion Ratio Lower Upper
62 100
98 6.7 5.1 7.7

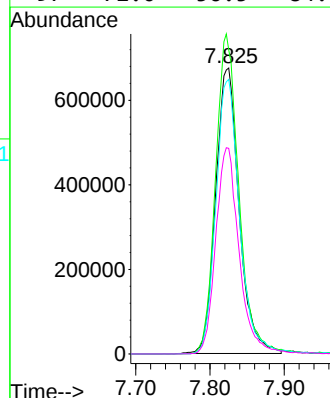
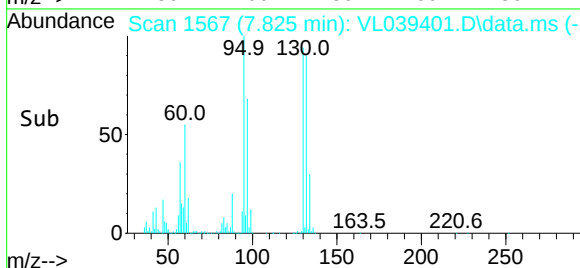
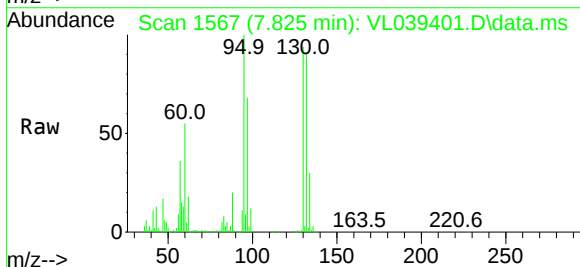
Manual Integrations
APPROVED

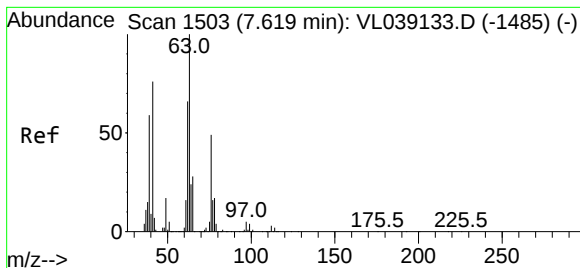
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#38
Trichloroethene
Concen: 9.299 ppbv
RT: 7.825 min Scan# 1567
Delta R.T. 0.009 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

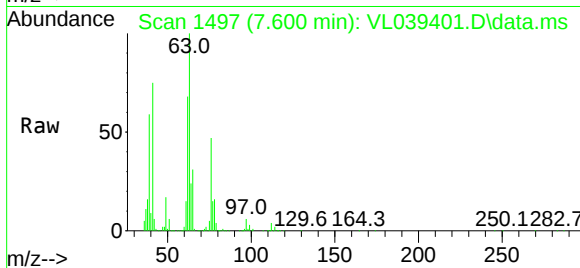
Tgt Ion:130 Resp: 1482096
Ion Ratio Lower Upper
130 100
95 106.6 87.3 130.9
132 96.1 76.7 115.1
97 72.0 56.5 84.7





#39
1,2-Dichloropropane
Concen: 9.526 ppbv
RT: 7.600 min Scan# 14
Delta R.T. 0.006 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

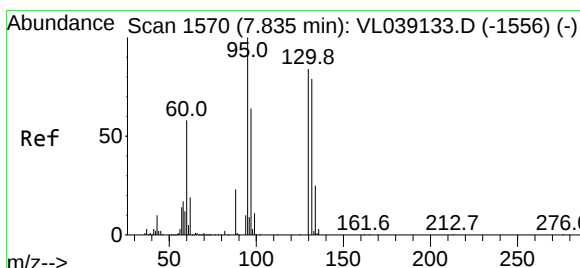
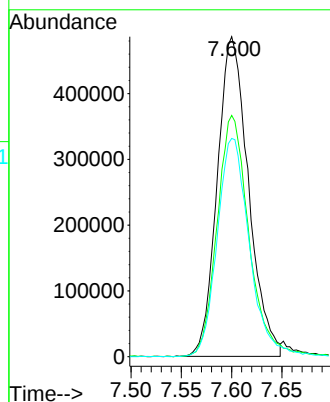
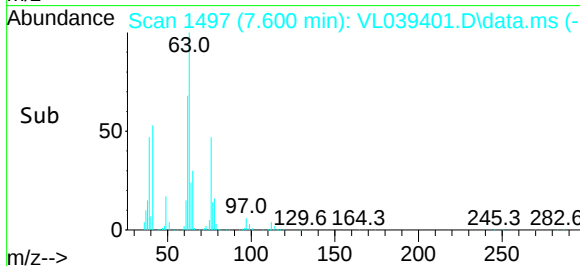
Instrument :
MSVOA_L
ClientSampleId :
ICVVL062922



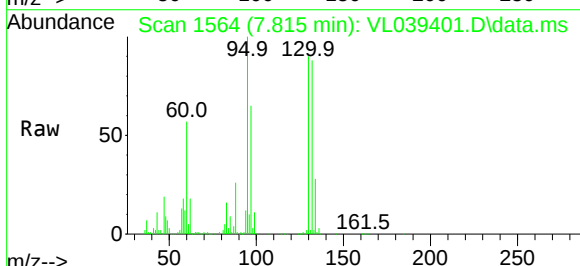
Tgt Ion: 63 Resp: 1048678
Ion Ratio Lower Upper
63 100
41 75.4 59.6 89.4
62 68.2 51.4 77.0

Manual Integrations
APPROVED

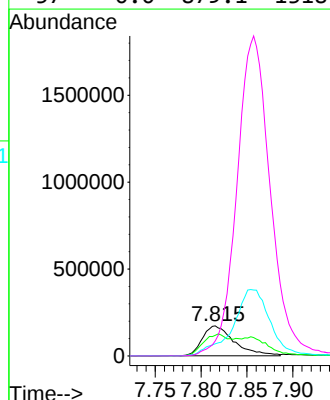
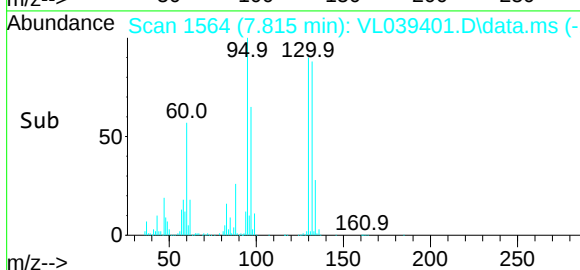
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

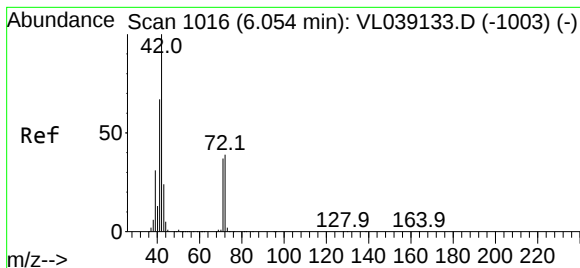


#40
1,4-Dioxane
Concen: 9.529 ppbv
RT: 7.815 min Scan# 1564
Delta R.T. 0.006 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30



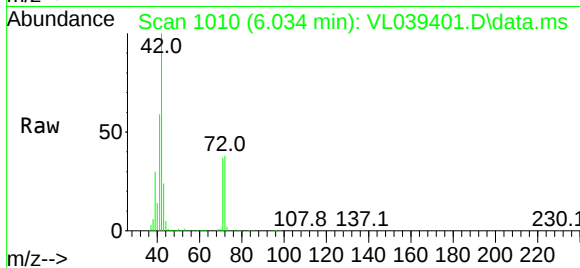
Tgt Ion: 88 Resp: 418037
Ion Ratio Lower Upper
88 100
58 125.7 100.2 150.4
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#





#41
Tetrahydrofuran
Concen: 10.359 ppbv
RT: 6.034 min Scan# 1016
Delta R.T. 0.006 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

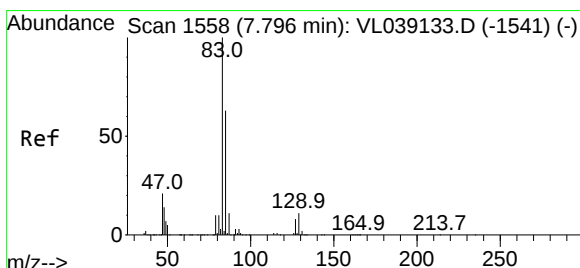
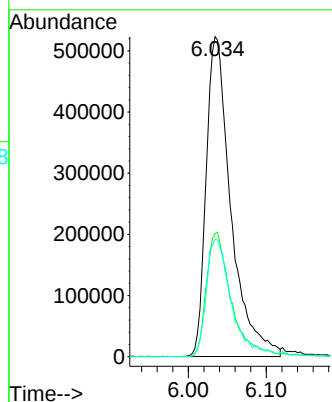
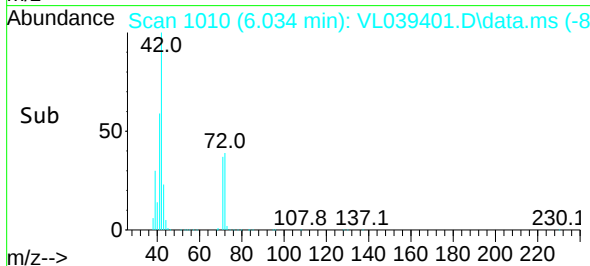
Instrument :
MSVOA_L
ClientSampleId :
ICVVL062922



Tgt Ion: 42 Resp: 1150570
Ion Ratio Lower Upper
42 100
72 39.6 31.8 47.8
71 38.3 31.8 47.8

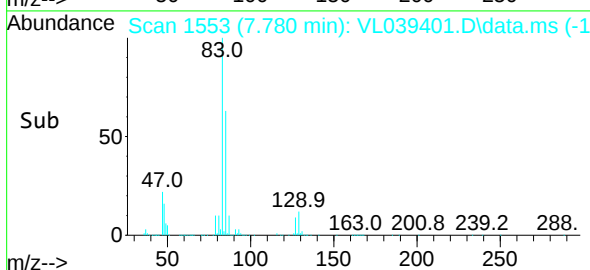
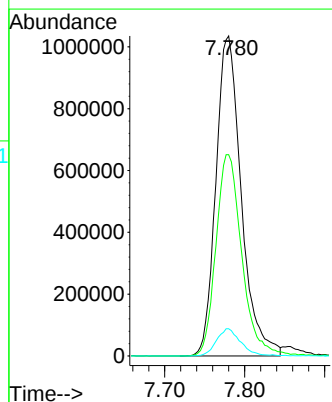
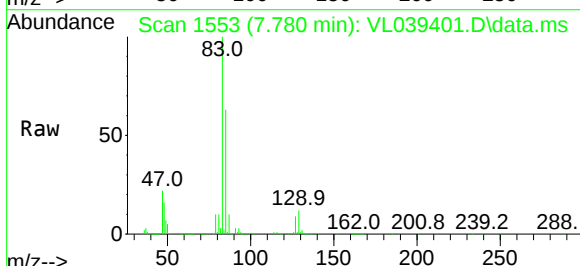
Manual Integrations
APPROVED

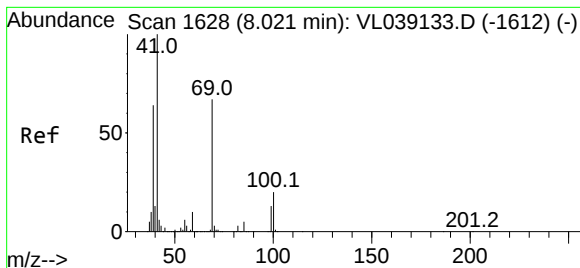
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#42
Bromodichloromethane
Concen: 9.719 ppbv
RT: 7.780 min Scan# 1553
Delta R.T. 0.009 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

Tgt Ion: 83 Resp: 2279399
Ion Ratio Lower Upper
83 100
85 62.9 50.7 76.1
127 8.5 6.6 9.8





#43

Methyl Methacrylate

Concen: 10.333 ppbv

RT: 7.999 min Scan# 1

Delta R.T. 0.003 min

Lab File: VL039401.D

Acq: 29 Jun 2022 17:30

Instrument :

MSVOA_L

ClientSampleId :

ICVVL062922

Tgt Ion: 69 Resp: 1157840

Ion Ratio Lower Upper

69 100

41 149.6 120.8 181.2

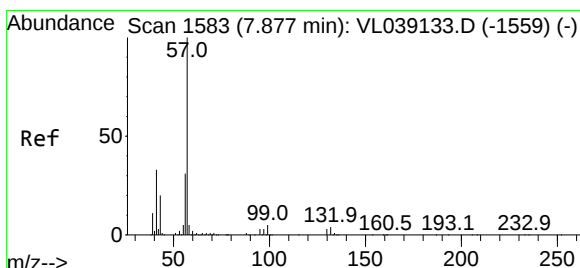
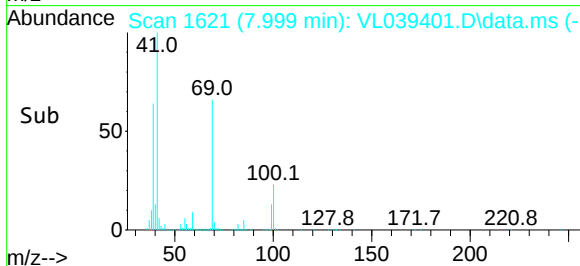
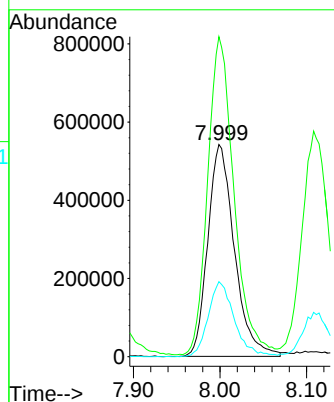
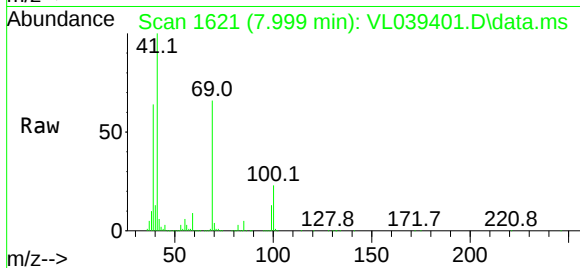
100 34.7 27.8 41.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#44

2,2,4-Trimethylpentane

Concen: 9.410 ppbv

RT: 7.857 min Scan# 1577

Delta R.T. 0.006 min

Lab File: VL039401.D

Acq: 29 Jun 2022 17:30

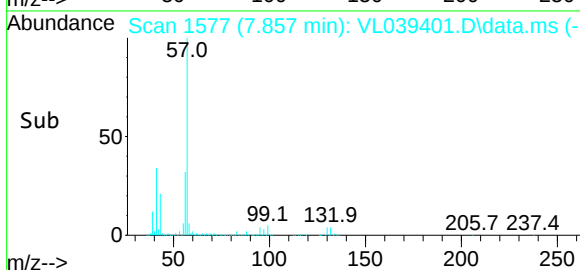
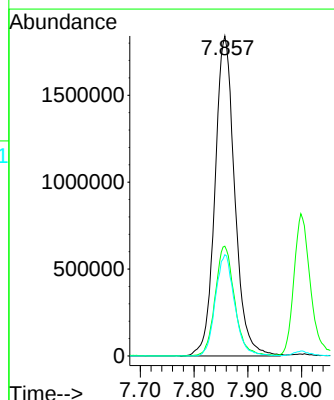
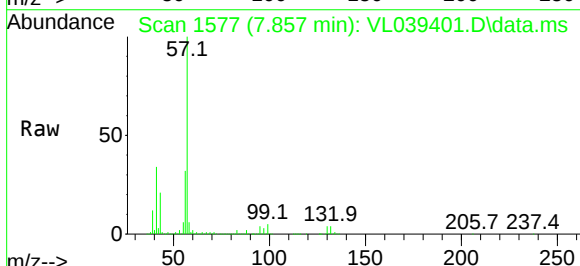
Tgt Ion: 57 Resp: 4699064

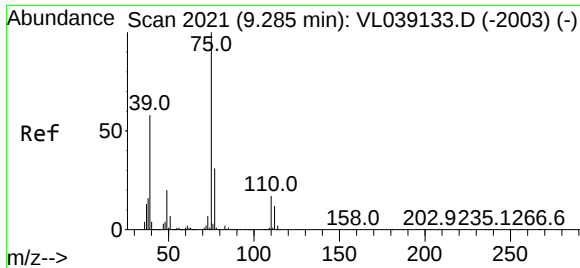
Ion Ratio Lower Upper

57 100

41 33.6 27.4 41.2

56 30.8 24.5 36.7





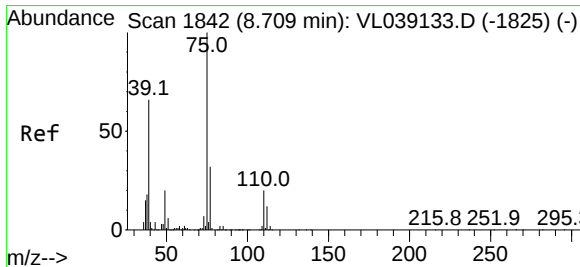
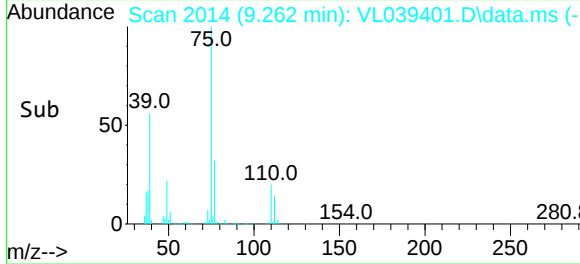
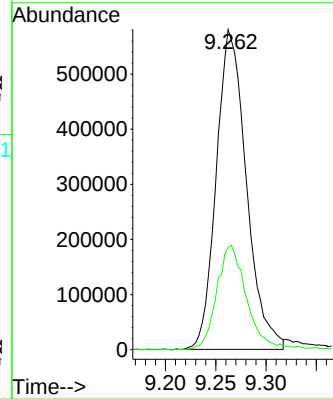
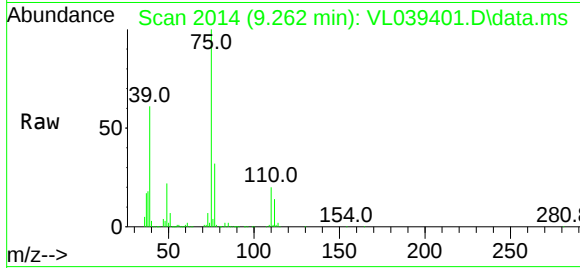
#45
t-1,3-Dichloropropene
Concen: 12.077 ppbv
RT: 9.262 min Scan# 2021
Delta R.T. 0.003 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

Instrument :
MSVOA_L
ClientSampleId :
ICVVL062922

Tgt Ion: 75 Resp: 120488
Ion Ratio Lower Upper
75 100
77 32.0 24.6 36.8

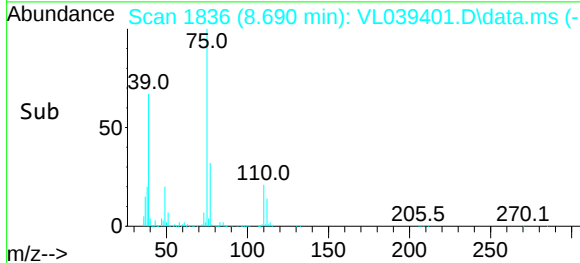
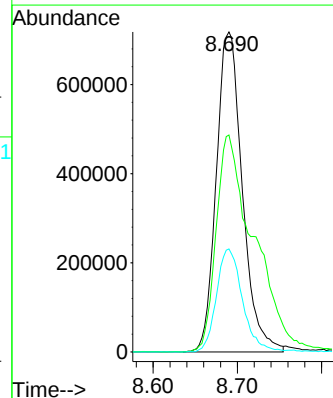
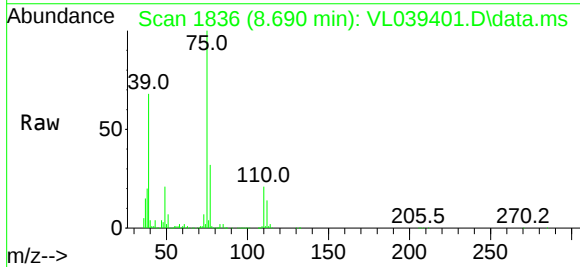
Manual Integrations
APPROVED

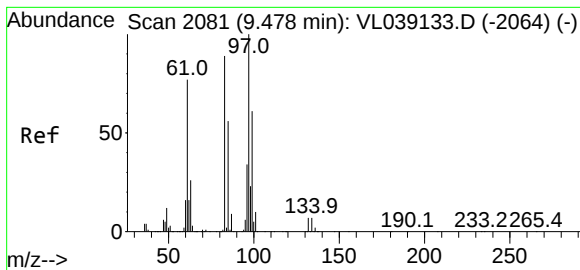
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#46
cis-1,3-Dichloropropene
Concen: 11.223 ppbv
RT: 8.690 min Scan# 1836
Delta R.T. 0.009 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

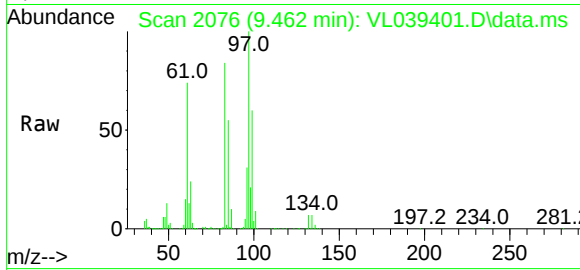
Tgt Ion: 75 Resp: 1541058
Ion Ratio Lower Upper
75 100
39 67.8 55.0 82.4
77 32.2 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 9.473 ppbv
RT: 9.462 min Scan# 2081
Delta R.T. 0.009 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

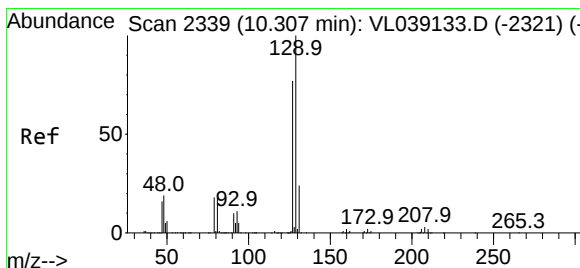
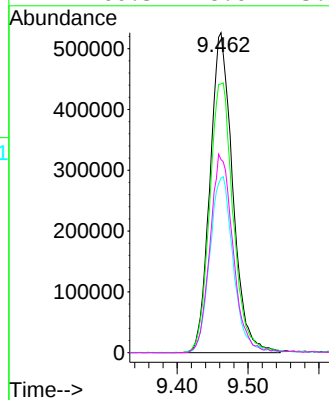
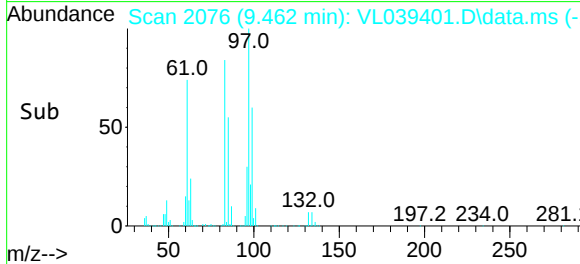
Instrument : MSVOA_L
ClientSampleId : ICVVL062922



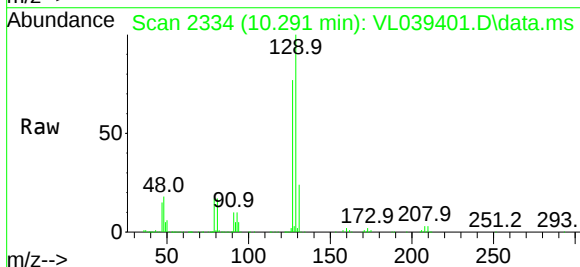
Tgt Ion: 97 Resp: 1170094
Ion Ratio Lower Upper
97 100
83 84.0 67.4 101.0
85 54.6 45.1 67.7
99 60.3 48.6 73.0

Manual Integrations
APPROVED

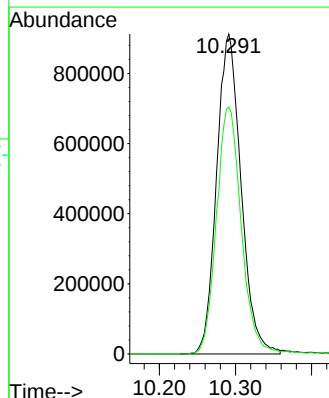
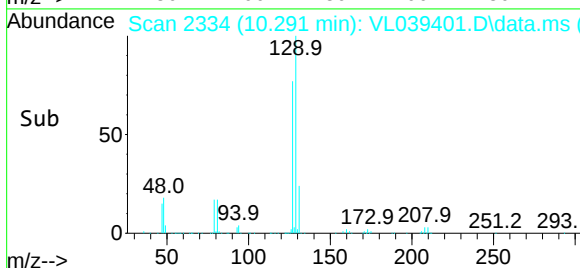
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

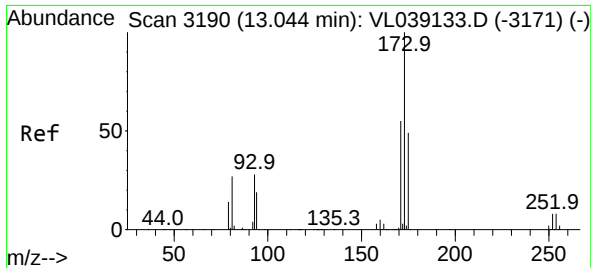


#48
Dibromochloromethane
Concen: 10.368 ppbv
RT: 10.291 min Scan# 2334
Delta R.T. 0.009 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30



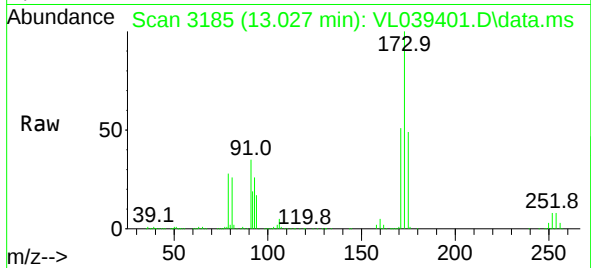
Tgt Ion:129 Resp: 2035516
Ion Ratio Lower Upper
129 100
127 78.9 39.3 117.9





#49
Bromoform
Concen: 10.822 ppbv
RT: 13.027 min Scan# 3190
Delta R.T. 0.013 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

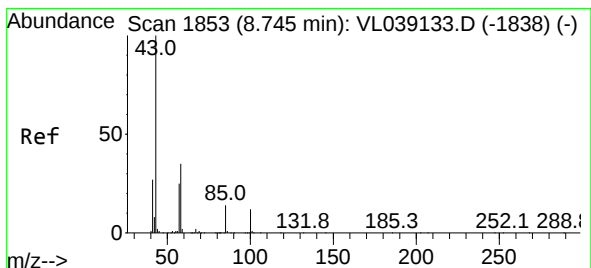
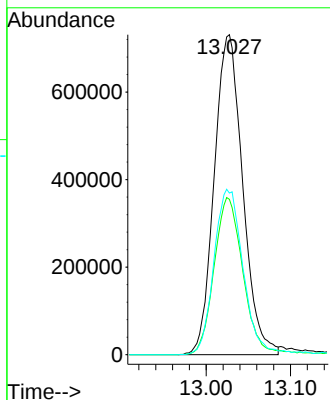
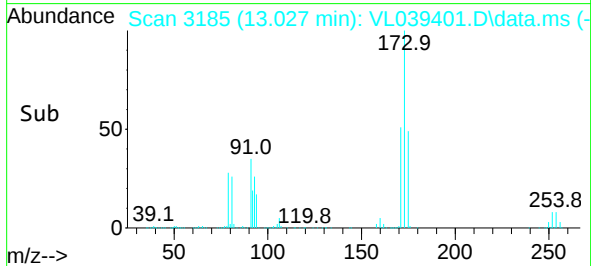
Instrument : MSVOA_L
ClientSampleId : ICVVL062922



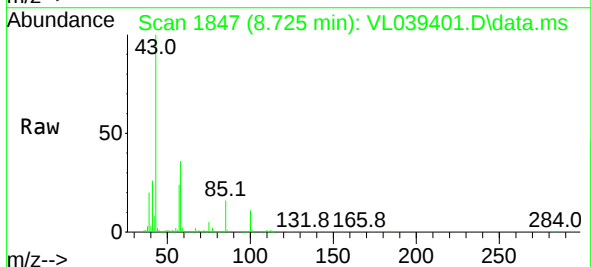
Tgt Ion:173 Resp: 171394
Ion Ratio Lower Upper
173 100
175 50.9 40.3 60.5
171 53.9 42.9 64.3

Manual Integrations
APPROVED

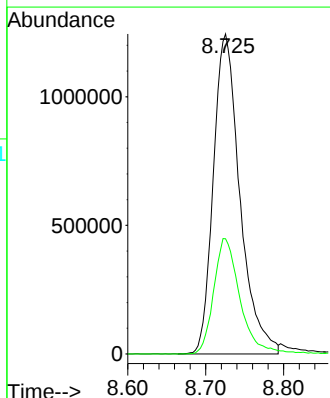
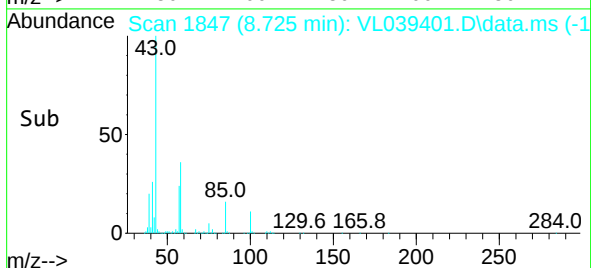
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

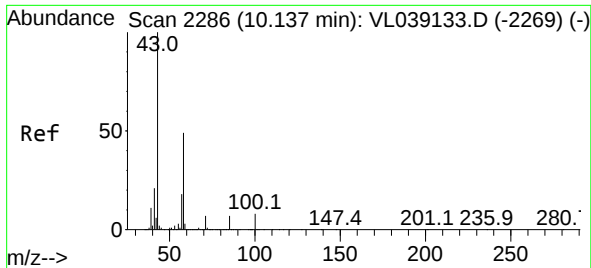


#50
4-Methyl-2-Pentanone
Concen: 10.160 ppbv
RT: 8.725 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30



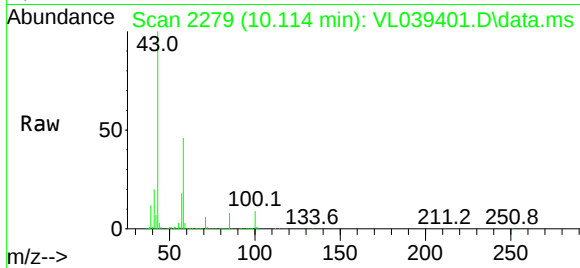
Tgt Ion: 43 Resp: 2944410
Ion Ratio Lower Upper
43 100
58 36.1 28.8 43.2





#51
2-Hexanone
Concen: 10.659 ppbv
RT: 10.114 min Scan# 211
Delta R.T. 0.006 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

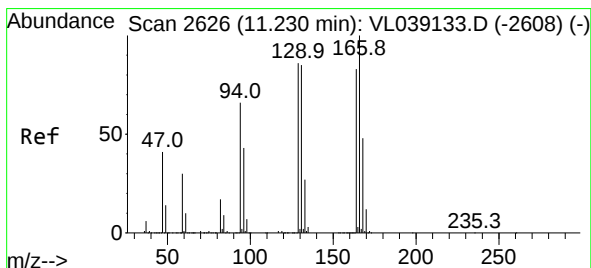
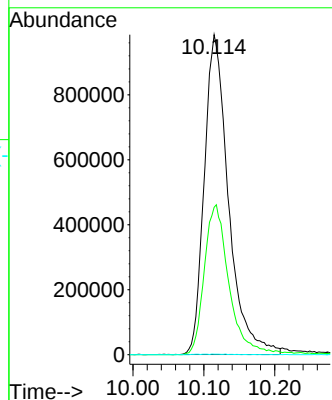
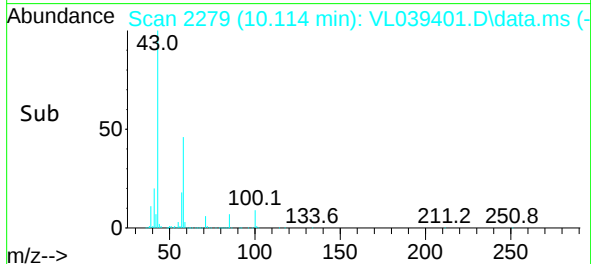
Instrument :
MSVOA_L
ClientSampleId :
ICVVL062922



Tgt Ion: 43 Resp: 233654
Ion Ratio Lower Upper
43 100
58 48.3 38.4 57.6
98 0.1 0.3 0.5

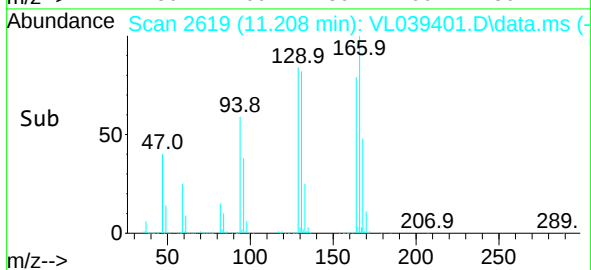
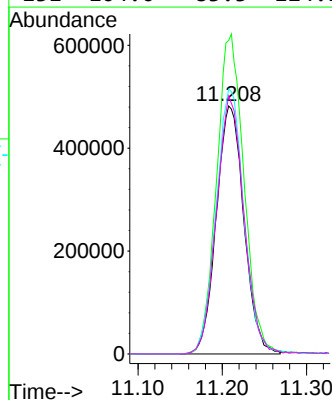
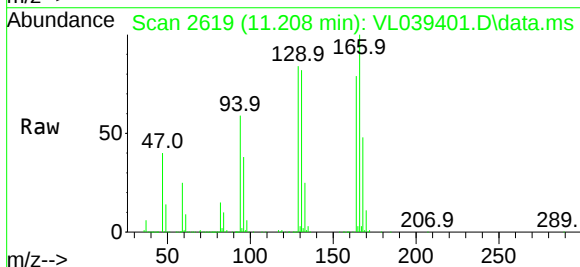
Manual Integrations
APPROVED

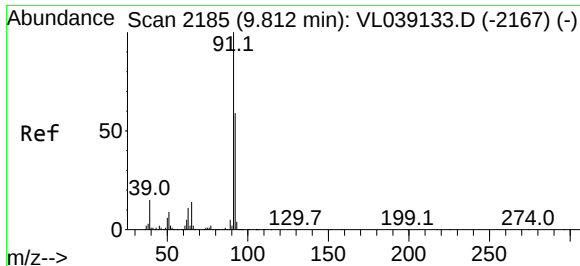
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#52
Tetrachloroethene
Concen: 9.203 ppbv
RT: 11.208 min Scan# 2619
Delta R.T. 0.009 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

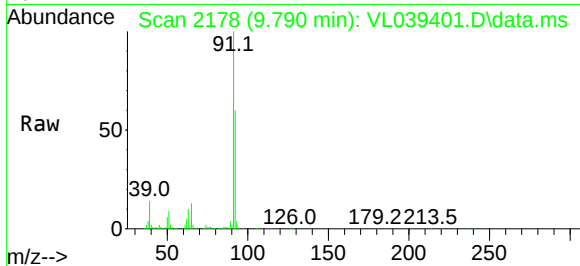
Tgt Ion:164 Resp: 1091717
Ion Ratio Lower Upper
164 100
166 126.3 102.2 153.2
129 106.7 85.8 128.8
131 104.0 83.3 124.9





#53
Toluene
Concen: 9.909 ppbv
RT: 9.790 min Scan# 2185
Delta R.T. 0.006 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

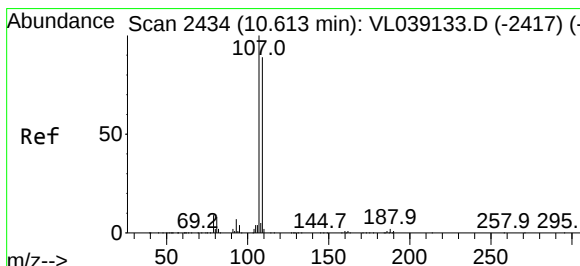
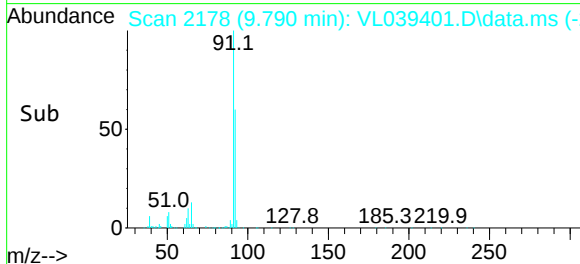
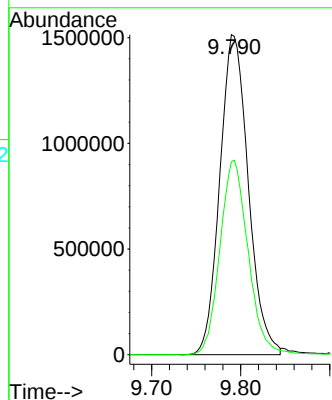
Instrument : MSVOA_L
ClientSampleId : ICVVL062922



Tgt Ion: 91 Resp: 336807
Ion Ratio Lower Upper
91 100
92 60.5 48.2 72.2

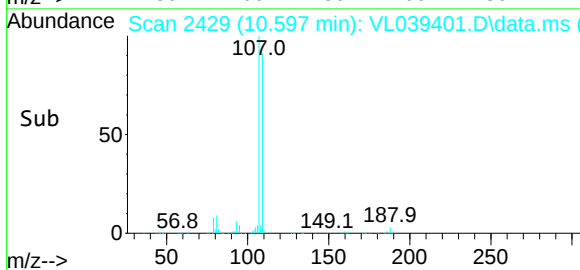
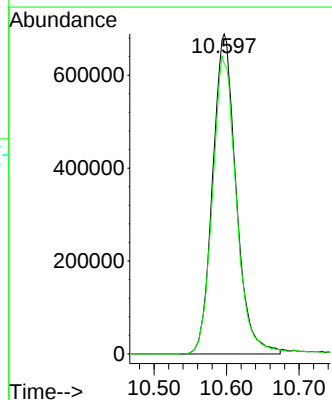
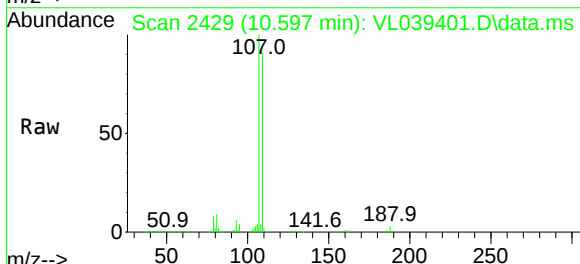
Manual Integrations
APPROVED

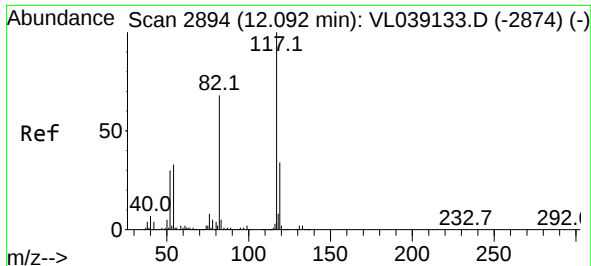
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#54
1,2-Dibromoethane
Concen: 10.071 ppbv
RT: 10.597 min Scan# 2429
Delta R.T. 0.009 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

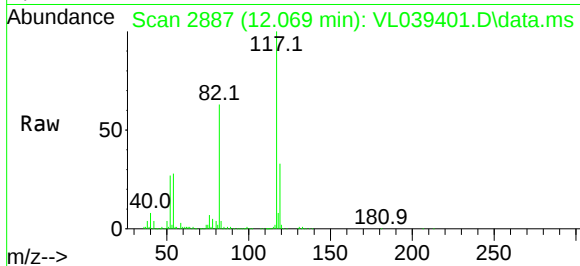
Tgt Ion:107 Resp: 1547831
Ion Ratio Lower Upper
107 100
109 90.8 74.8 112.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.069 min Scan# 2887
Delta R.T. 0.003 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

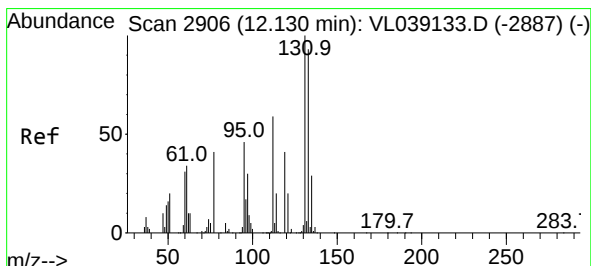
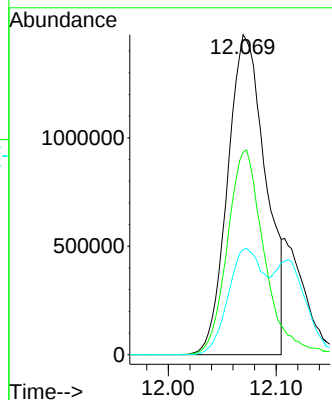
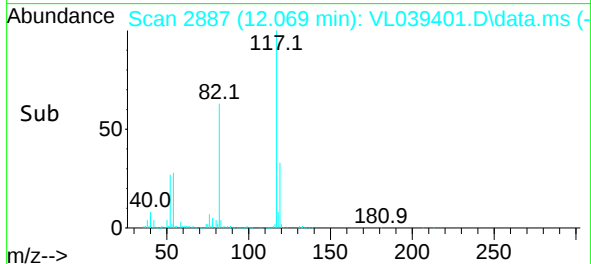
Instrument : MSVOA_L
ClientSampleId : ICVVL062922



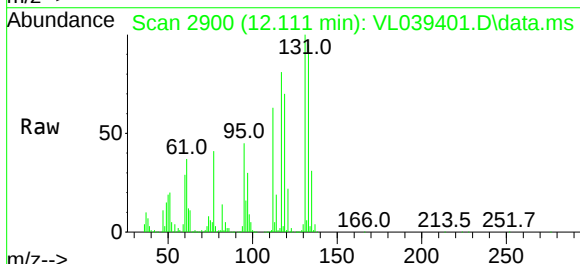
Tgt Ion:117 Resp: 362639
Ion Ratio Lower Upper
117 100
82 62.6 50.8 76.2
119 57.3 24.1 36.1

Manual Integrations
APPROVED

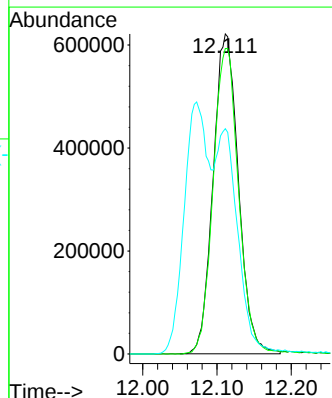
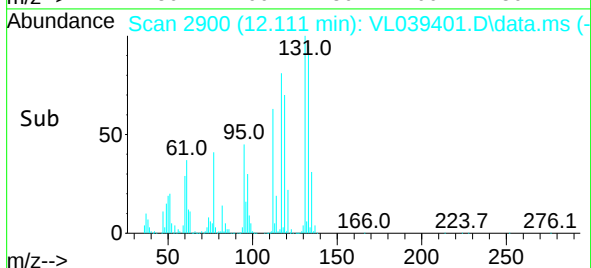
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

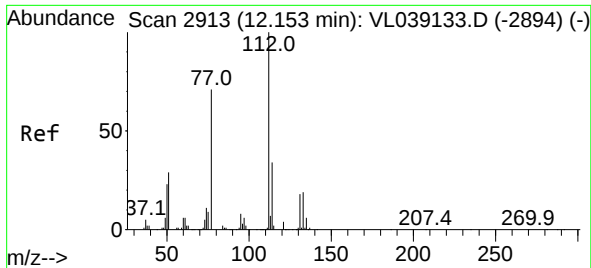


#56
1,1,1,2-Tetrachloroethane
Concen: 9.162 ppbv
RT: 12.111 min Scan# 2900
Delta R.T. 0.006 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30



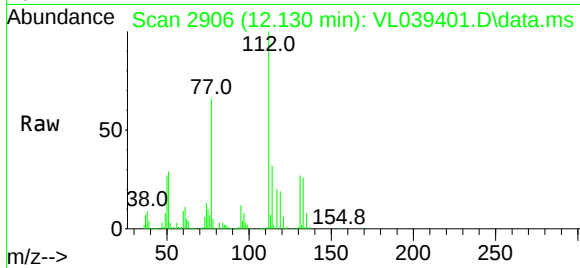
Tgt Ion:131 Resp: 1467714
Ion Ratio Lower Upper
131 100
133 97.0 76.8 115.2
119 141.7 46.2 69.4





#57
Chlorobenzene
Concen: 9.113 ppbv
RT: 12.130 min Scan# 2913
Delta R.T. 0.009 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

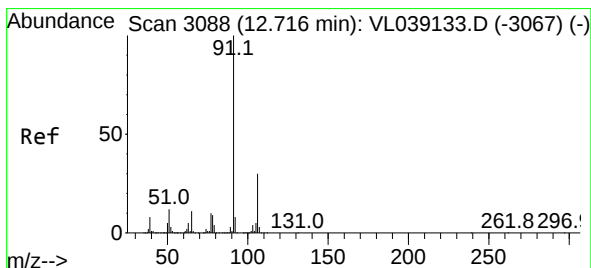
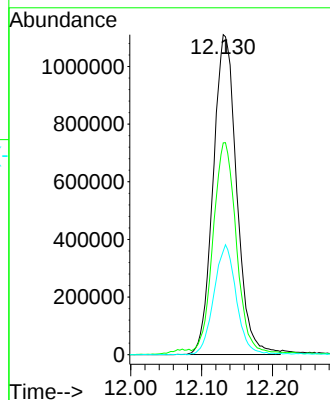
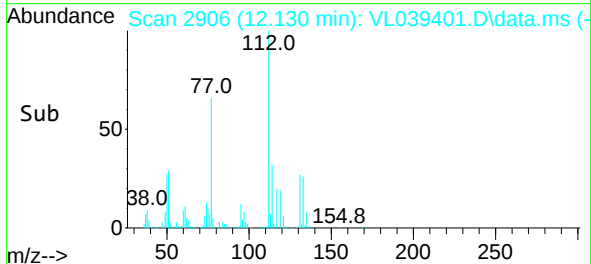
Instrument :
MSVOA_L
ClientSampleId :
ICVVL062922



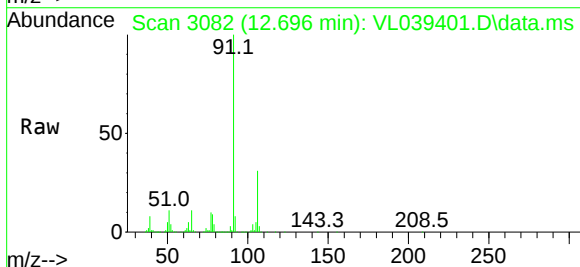
Tgt Ion:112 Resp: 256225
Ion Ratio Lower Upper
112 100
77 65.6 51.0 76.4
114 32.3 27.5 33.6

Manual Integrations
APPROVED

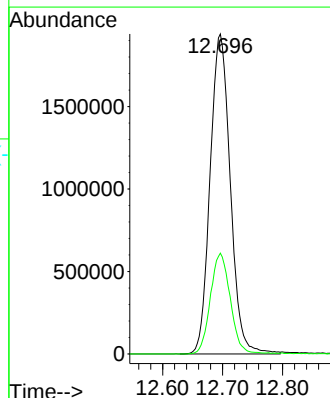
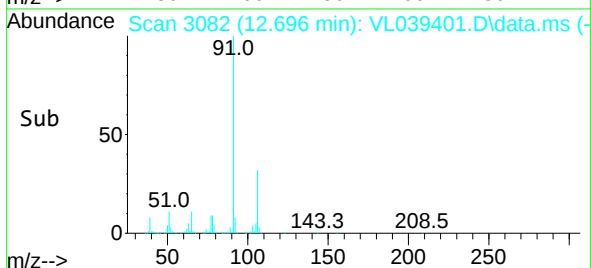
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

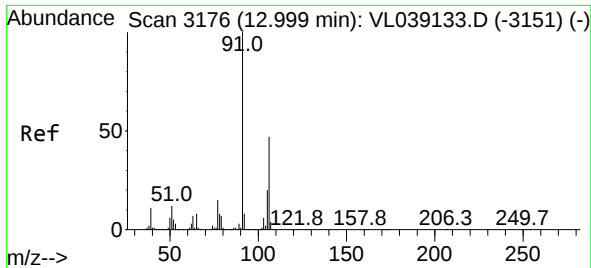


#58
Ethyl Benzene
Concen: 9.687 ppbv
RT: 12.696 min Scan# 3082
Delta R.T. 0.009 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30



Tgt Ion: 91 Resp: 4536119
Ion Ratio Lower Upper
91 100
106 31.5 25.4 38.0





#59

m/p-Xylene

Concen: 18.549 ppbv m

RT: 12.982 min Scan# 3176

Delta R.T. 0.009 min

Lab File: VL039401.D

Acq: 29 Jun 2022 17:30

Instrument :

MSVOA_L

ClientSampleId :

ICVVL062922

Tgt Ion: 91 Resp: 765733

Ion Ratio Lower Upper

91 100

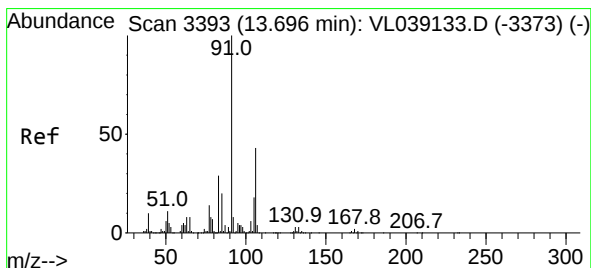
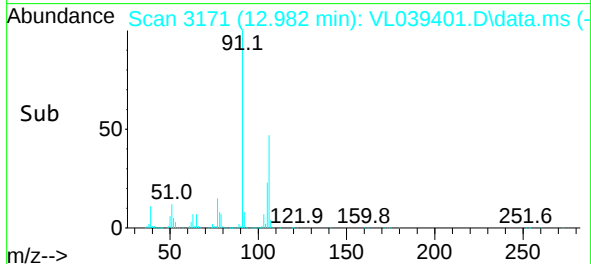
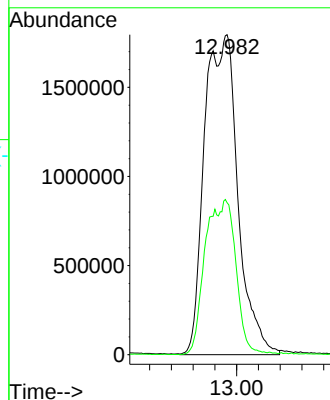
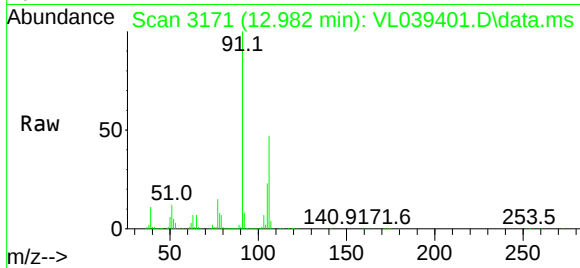
106 44.8 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#60

o-Xylene

Concen: 9.376 ppbv

RT: 13.674 min Scan# 3386

Delta R.T. 0.006 min

Lab File: VL039401.D

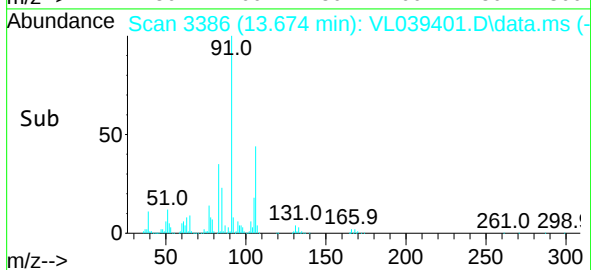
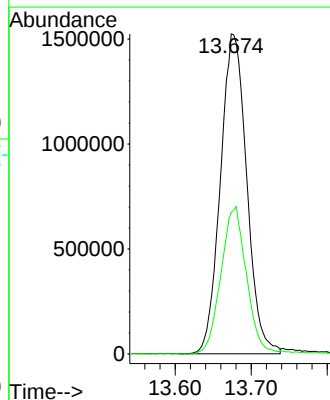
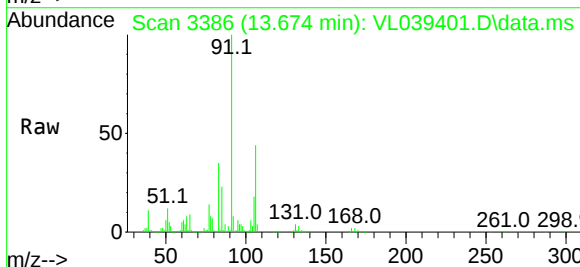
Acq: 29 Jun 2022 17:30

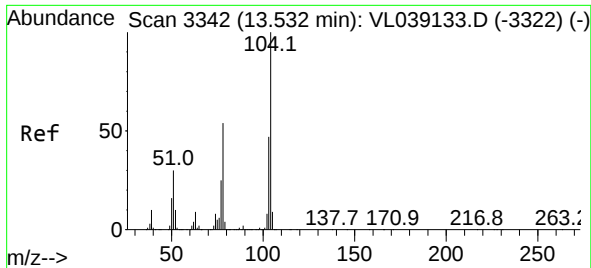
Tgt Ion: 91 Resp: 3665115

Ion Ratio Lower Upper

91 100

106 45.3 22.4 67.3





#61

Styrene

Concen: 10.670 ppbv

RT: 13.513 min Scan# 31

Delta R.T. 0.009 min

Lab File: VL039401.D

Acq: 29 Jun 2022 17:30

Instrument :

MSVOA_L

ClientSampleId :

ICVVL062922

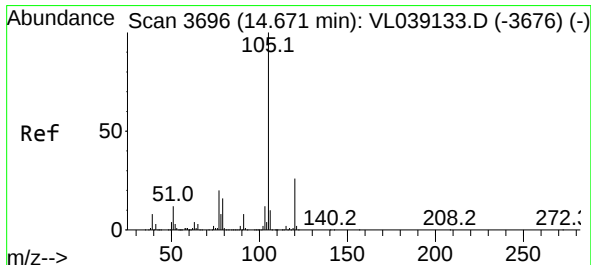
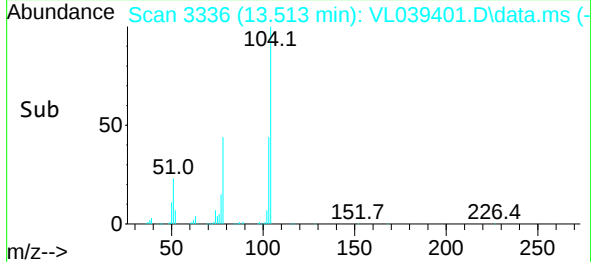
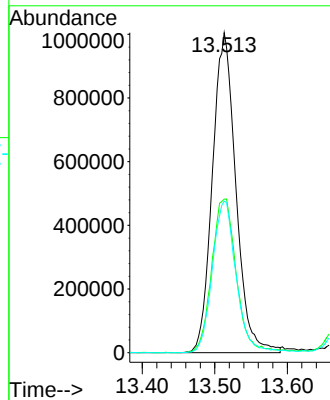
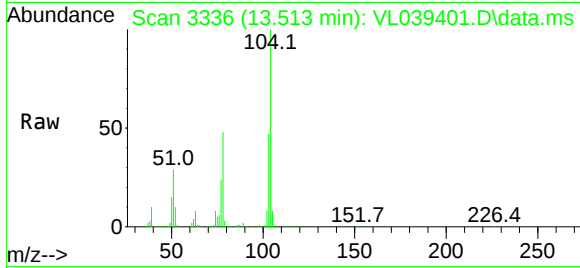
Tgt Ion:104 Resp: 2259434

Ion	Ratio	Lower	Upper
104	100		
78	50.6	41.2	61.8
103	48.2	38.7	58.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#62

Isopropylbenzene

Concen: 9.138 ppbv

RT: 14.651 min Scan# 3690

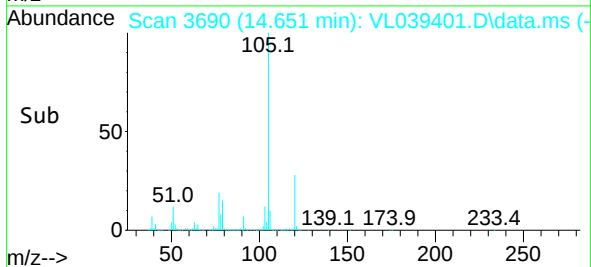
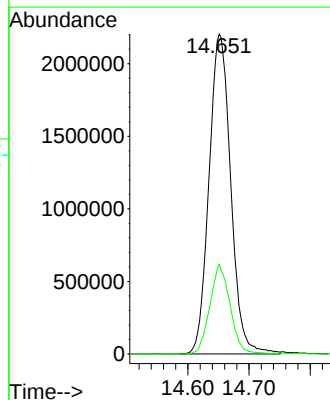
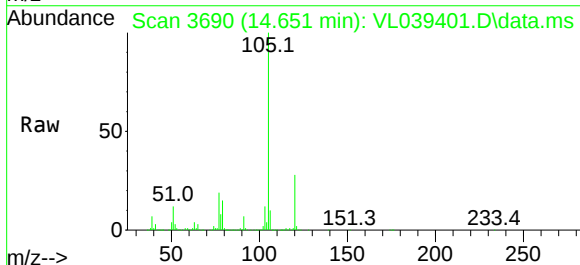
Delta R.T. 0.006 min

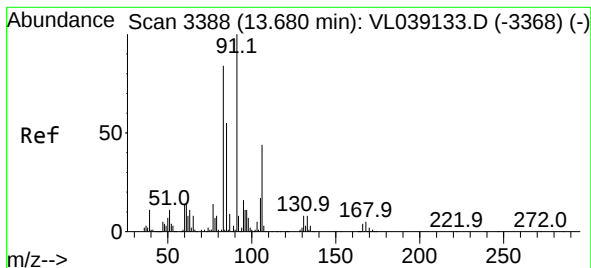
Lab File: VL039401.D

Acq: 29 Jun 2022 17:30

Tgt Ion:105 Resp: 5440021

Ion	Ratio	Lower	Upper
105	100		
120	26.3	20.7	31.1





#63

1,1,2,2-Tetrachloroethane

Concen: 8.521 ppbv

RT: 13.664 min Scan# 31

Delta R.T. 0.013 min

Lab File: VL039401.D

Acq: 29 Jun 2022 17:30

Instrument :

MSVOA_L

ClientSampleId :

ICVVL062922

Tgt Ion: 83 Resp: 174593

Ion Ratio Lower Upper

83 100

131 10.1 5.3 15.8

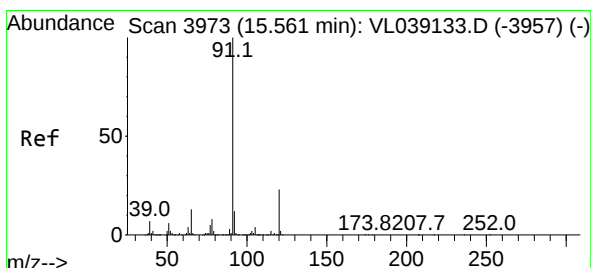
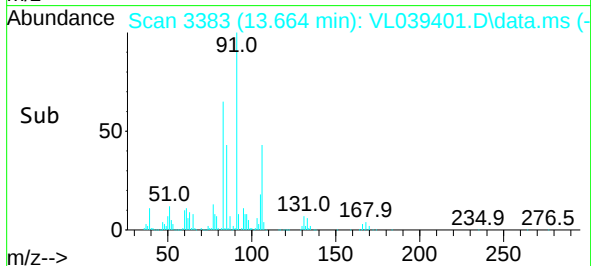
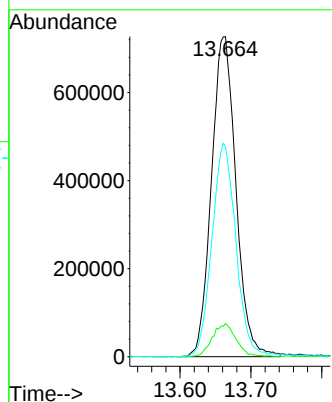
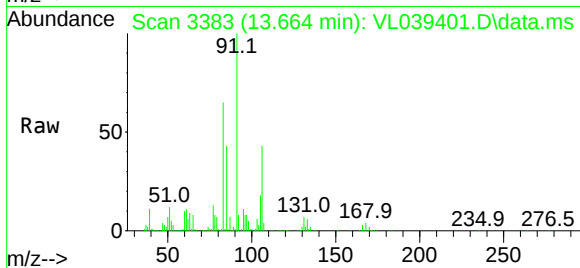
85 66.2 33.1 99.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#64

n-propylbenzene

Concen: 9.481 ppbv

RT: 15.545 min Scan# 3968

Delta R.T. 0.006 min

Lab File: VL039401.D

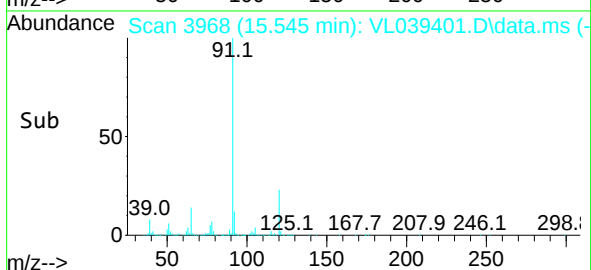
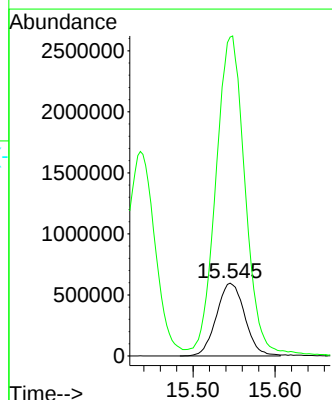
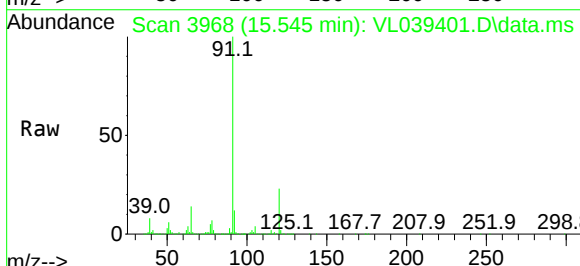
Acq: 29 Jun 2022 17:30

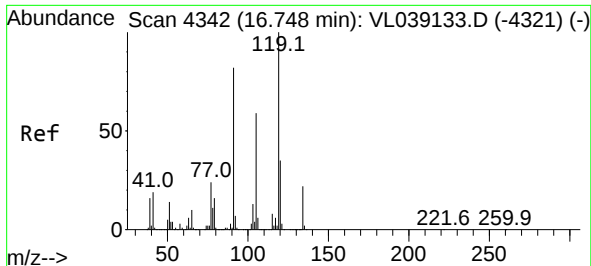
Tgt Ion:120 Resp: 1430555

Ion Ratio Lower Upper

120 100

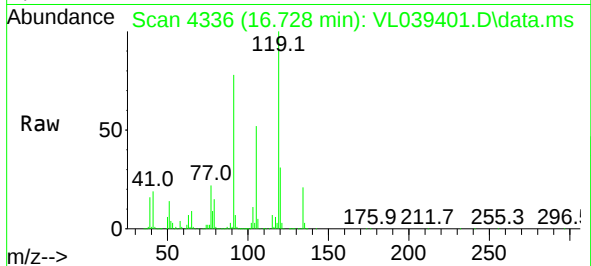
91 457.9 367.2 550.8





#65
tert-Butylbenzene
Concen: 8.962 ppbv
RT: 16.728 min Scan# 411
Delta R.T. 0.009 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

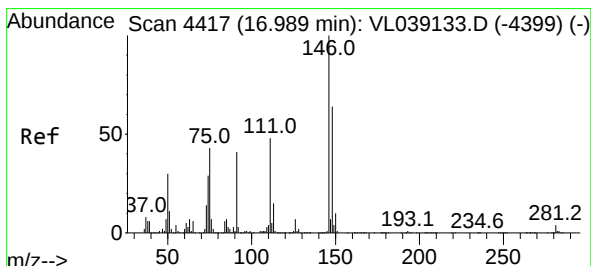
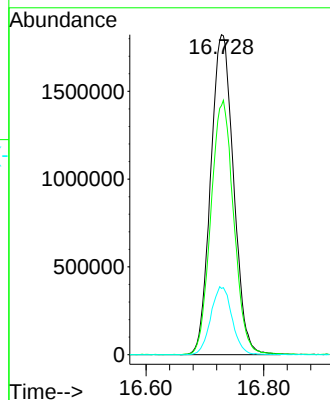
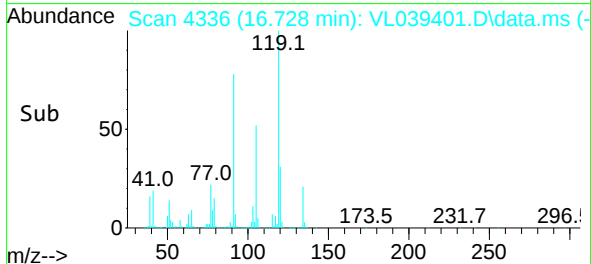
Instrument : MSVOA_L
ClientSampleId : ICVVL062922



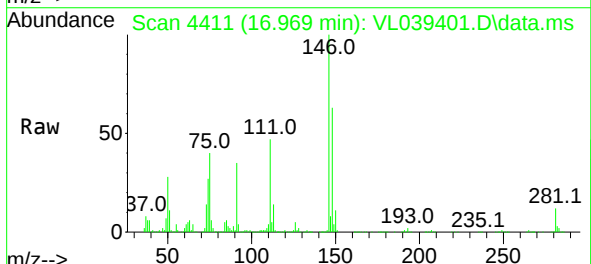
Tgt Ion: 119 Resp: 492978
Ion Ratio Lower Upper
119 100
91 79.4 63.4 95.2
134 19.8 15.9 23.9

Manual Integrations
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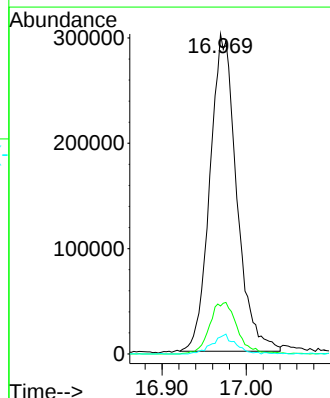
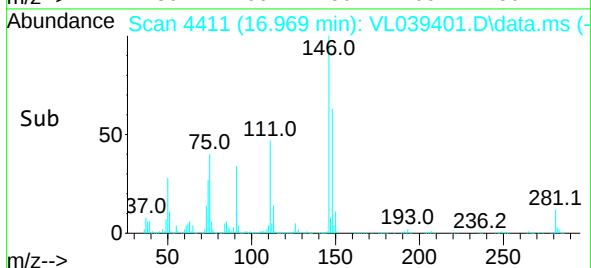
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

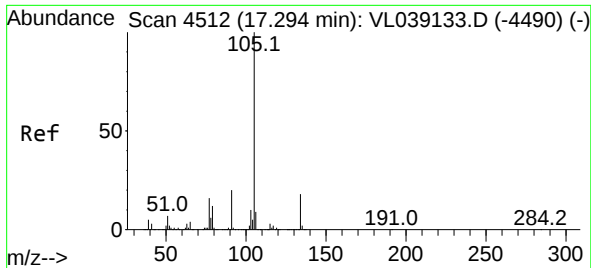


#66
Benzyl Chloride
Concen: 12.694 ppbv
RT: 16.969 min Scan# 4411
Delta R.T. 0.006 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30



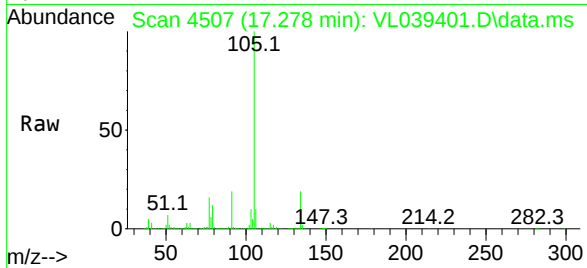
Tgt Ion: 91 Resp: 663583
Ion Ratio Lower Upper
91 100
126 17.0 13.1 19.7
128 5.4 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 9.138 ppbv
 RT: 17.278 min Scan# 4512
 Delta R.T. 0.010 min
 Lab File: VL039401.D
 Acq: 29 Jun 2022 17:30

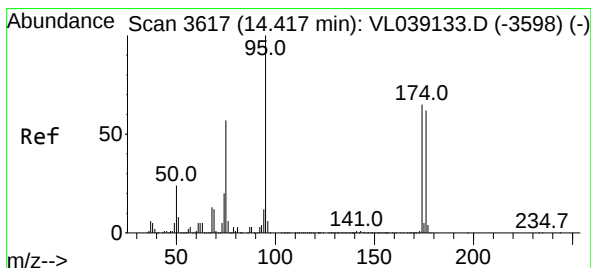
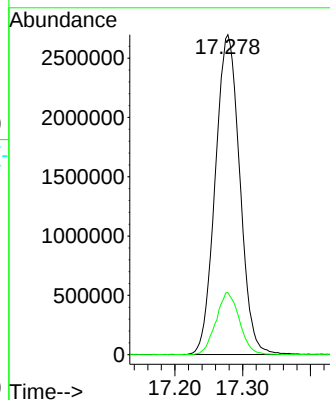
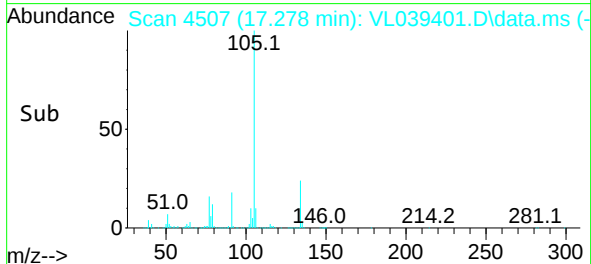
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL062922



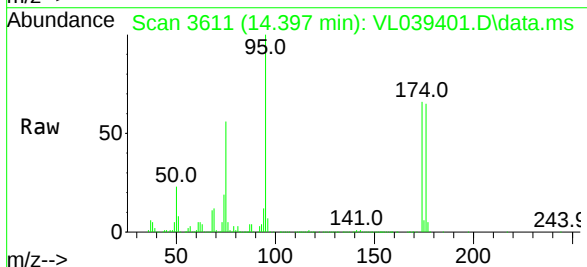
Tgt Ion: 105 Resp: 6770589
 Ion Ratio Lower Upper
 105 100
 134 18.7 14.8 22.2

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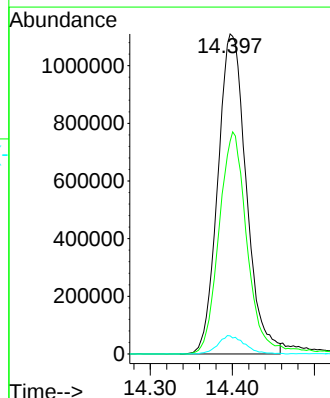
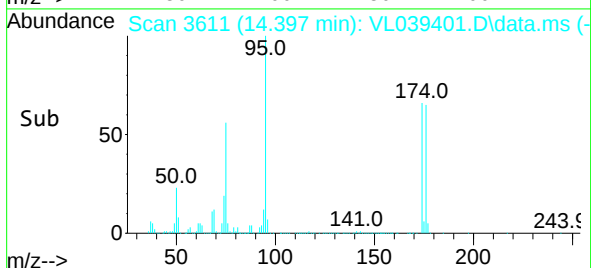
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

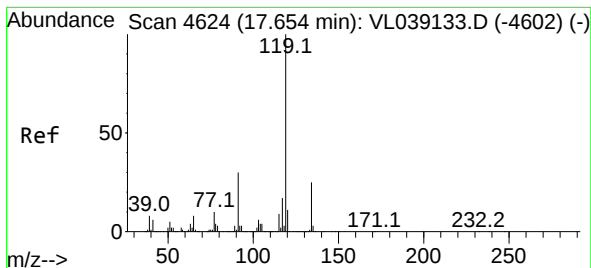


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.918 ppbv
 RT: 14.397 min Scan# 3611
 Delta R.T. 0.006 min
 Lab File: VL039401.D
 Acq: 29 Jun 2022 17:30



Tgt Ion: 95 Resp: 2668214
 Ion Ratio Lower Upper
 95 100
 174 70.2 55.9 83.9
 175 5.4 4.2 6.4





#69

p-Isopropyltoluene

Concen: 9.273 ppbv

RT: 17.638 min Scan# 4619

Delta R.T. 0.013 min

Lab File: VL039401.D

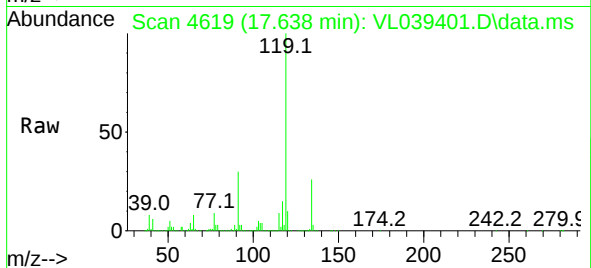
Acq: 29 Jun 2022 17:30

Instrument :

MSVOA_L

ClientSampleId :

ICVVL062922



Tgt Ion:119 Resp: 582974

Ion Ratio Lower Upper

119 100

134 25.4 20.3 30.5

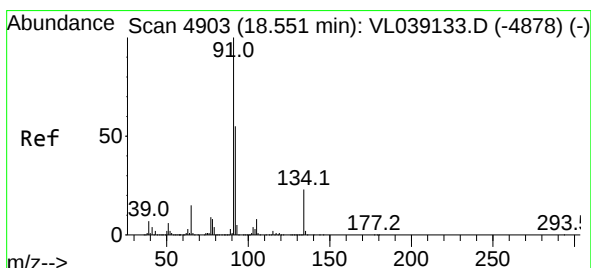
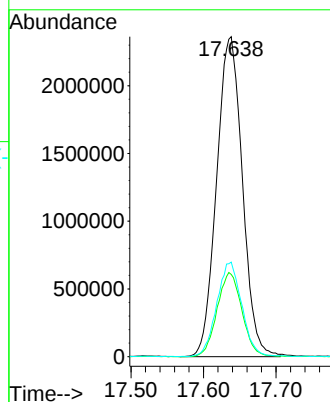
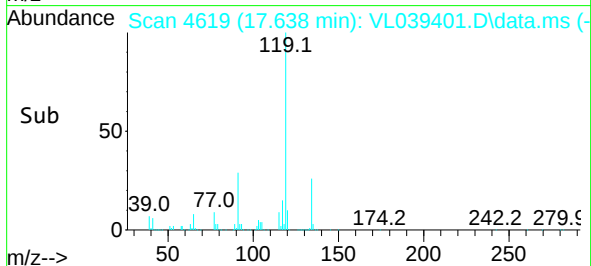
91 28.6 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#70

n-Butylbenzene

Concen: 9.446 ppbv

RT: 18.532 min Scan# 4897

Delta R.T. 0.010 min

Lab File: VL039401.D

Acq: 29 Jun 2022 17:30

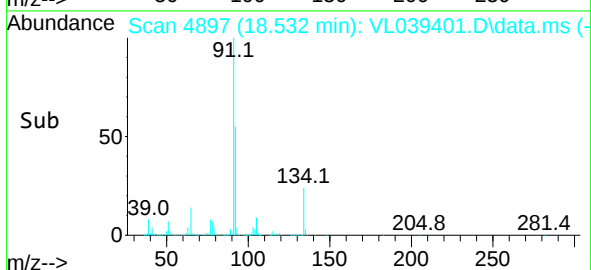
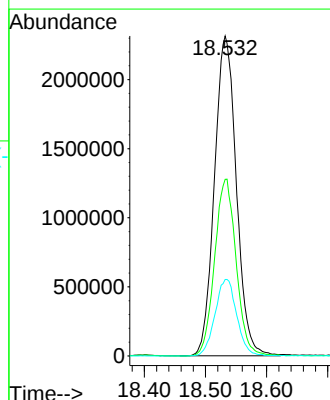
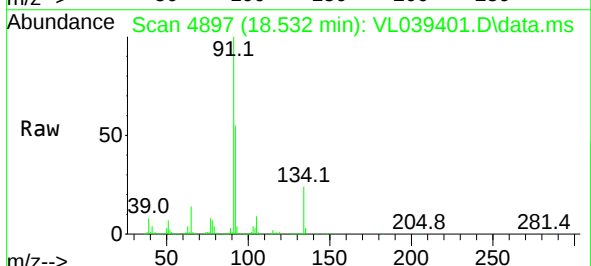
Tgt Ion: 91 Resp: 5764023

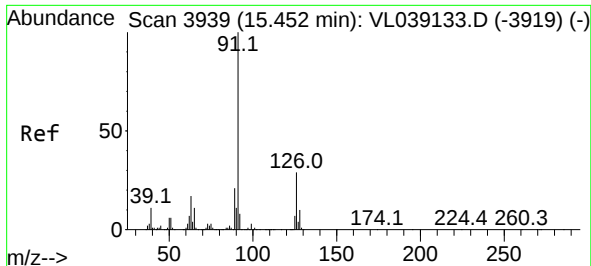
Ion Ratio Lower Upper

91 100

92 54.5 43.4 65.2

134 23.9 18.9 28.3





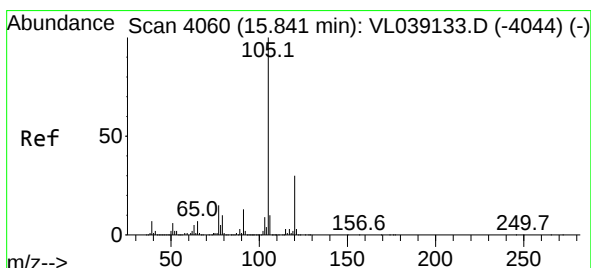
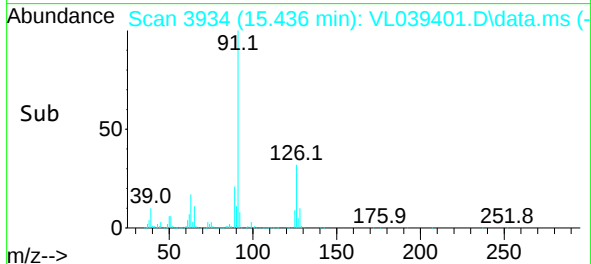
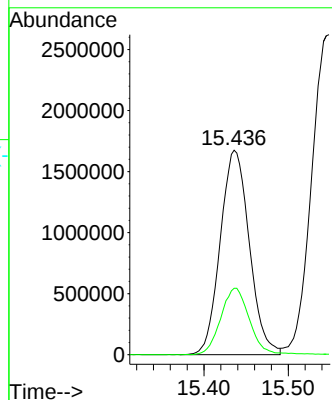
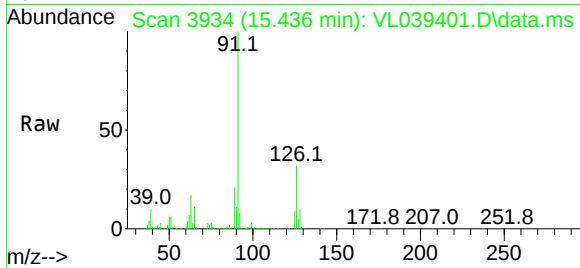
#71
2-Chlorotoluene
Concen: 9.415 ppbv
RT: 15.436 min Scan# 3939
Delta R.T. 0.009 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

Instrument :
MSVOA_L
ClientSampleId :
ICVVL062922

Tgt Ion: 91 Resp: 401136
Ion Ratio Lower Upper
91 100
126 32.6 13.0 51.8

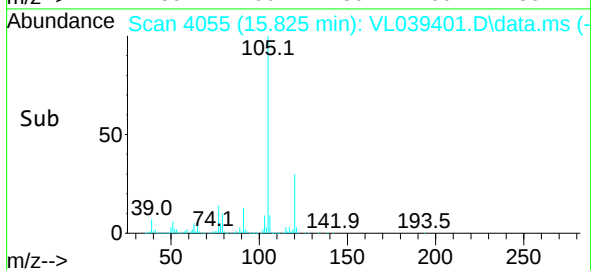
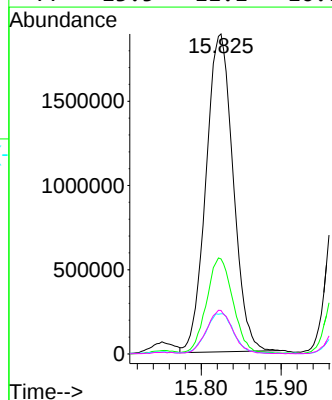
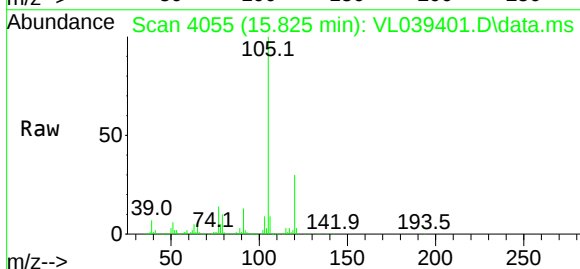
Manual Integrations
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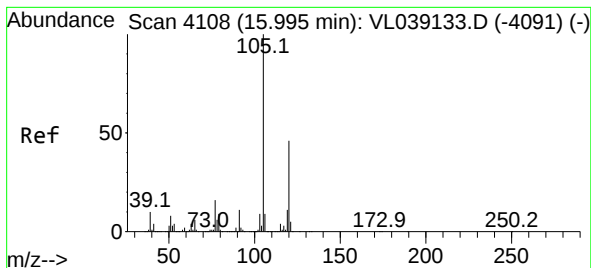
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#72
4-Ethyltoluene
Concen: 9.695 ppbv
RT: 15.825 min Scan# 4055
Delta R.T. 0.010 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

Tgt Ion:105 Resp: 4455746
Ion Ratio Lower Upper
105 100
120 30.0 24.2 36.2
91 12.9 10.2 15.4
77 13.5 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 9.640 ppbv

RT: 15.979 min Scan# 4108

Delta R.T. 0.006 min

Lab File: VL039401.D

Acq: 29 Jun 2022 17:30

Instrument :

MSVOA_L

ClientSampleId :

ICVVL062922

Tgt Ion:105 Resp: 4069310

Ion Ratio Lower Upper

105 100

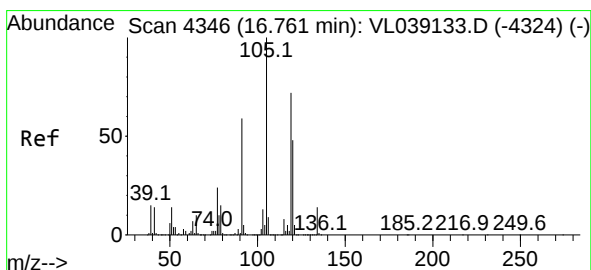
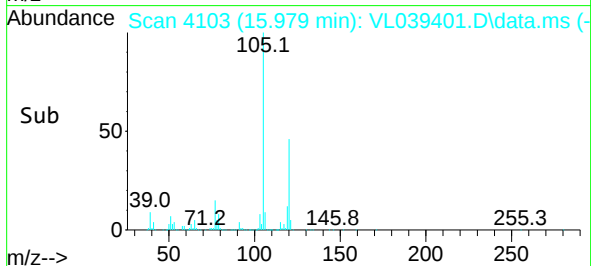
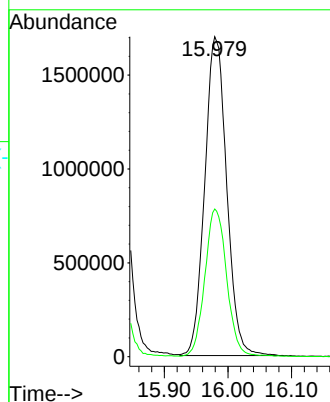
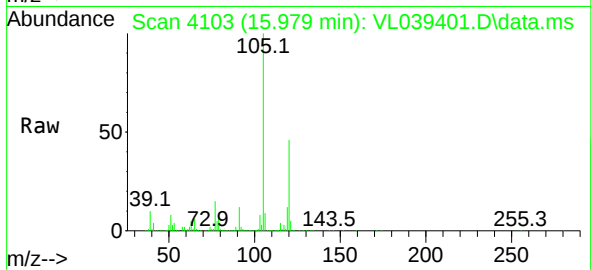
120 46.2 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#74

1,2,4-Trimethylbenzene

Concen: 9.307 ppbv

RT: 16.748 min Scan# 4342

Delta R.T. 0.009 min

Lab File: VL039401.D

Acq: 29 Jun 2022 17:30

Tgt Ion:105 Resp: 4345956

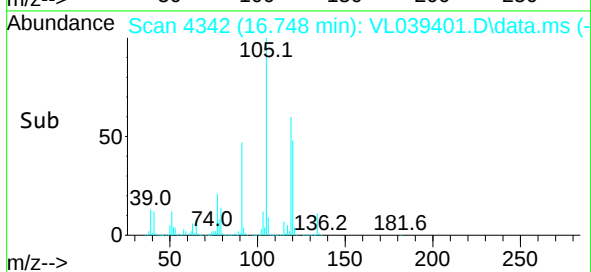
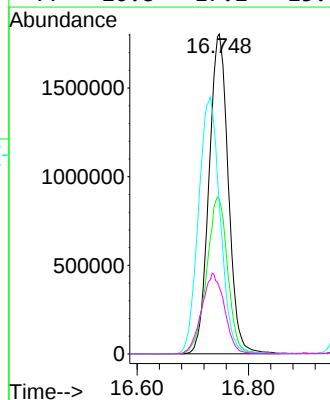
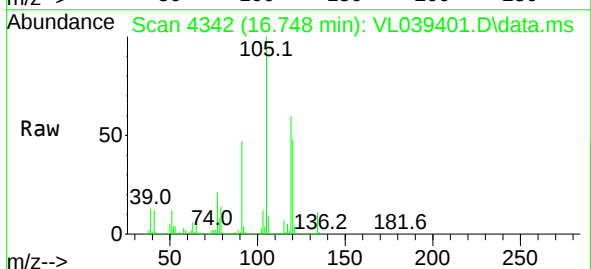
Ion Ratio Lower Upper

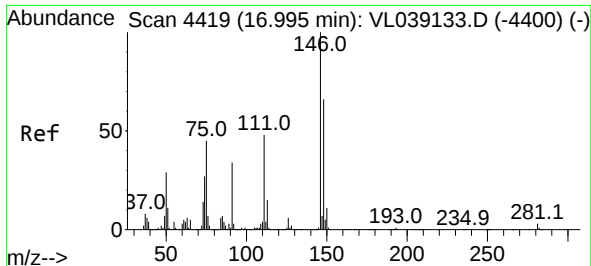
105 100

120 48.3 39.5 59.3

91 46.9 39.2 58.8

77 20.8 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 9.447 ppbv

RT: 16.979 min Scan# 4419

Delta R.T. 0.009 min

Lab File: VL039401.D

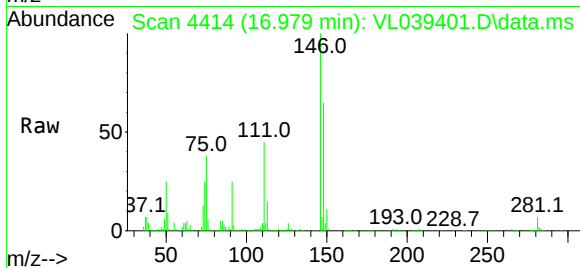
Acq: 29 Jun 2022 17:30

Instrument :

MSVOA_L

ClientSampleId :

ICVVL062922



Tgt Ion:146 Resp: 263160

Ion Ratio Lower Upper

146 100

111 45.6 22.9 68.7

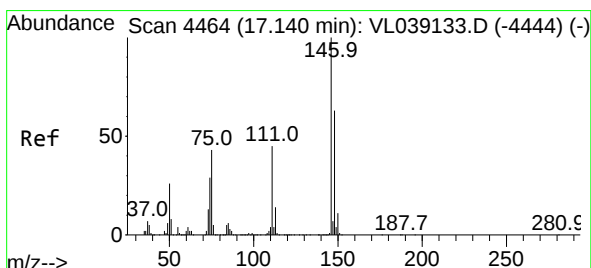
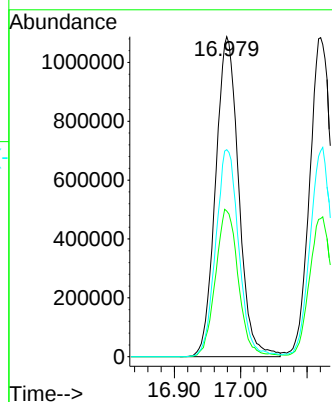
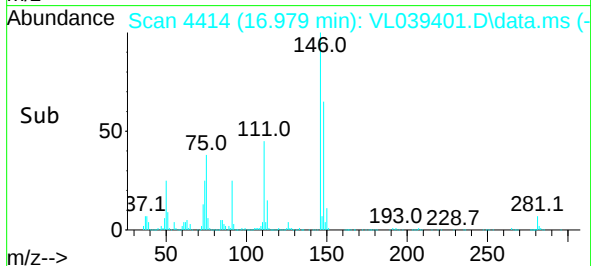
148 64.7 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#76

1,4-Dichlorobenzene

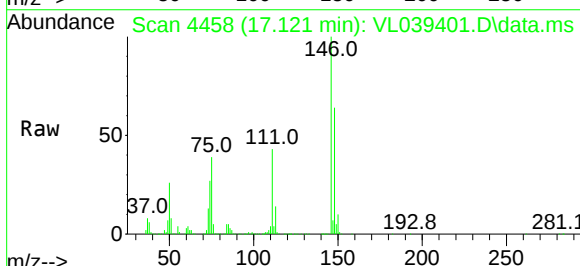
Concen: 9.160 ppbv

RT: 17.121 min Scan# 4458

Delta R.T. 0.009 min

Lab File: VL039401.D

Acq: 29 Jun 2022 17:30



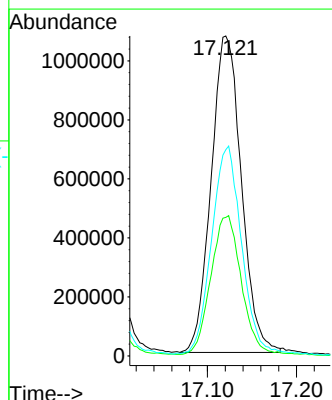
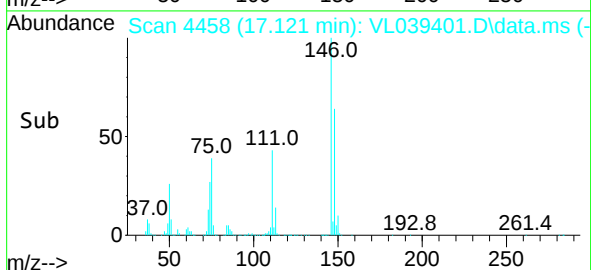
Tgt Ion:146 Resp: 2528811

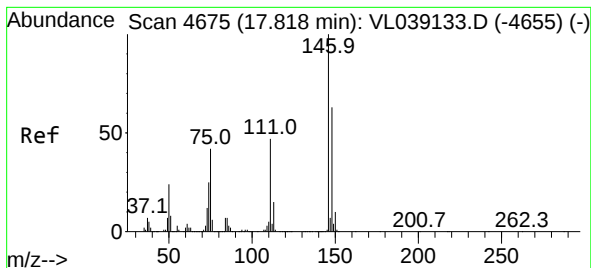
Ion Ratio Lower Upper

146 100

111 45.7 22.9 68.8

148 67.2 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 9.135 ppbv

RT: 17.799 min Scan# 4669

Delta R.T. 0.006 min

Lab File: VL039401.D

Acq: 29 Jun 2022 17:30

Instrument :

MSVOA_L

ClientSampleId :

ICVVL062922

Tgt Ion:146 Resp: 252235

Ion Ratio Lower Upper

146 100

111 47.4 23.8 71.5

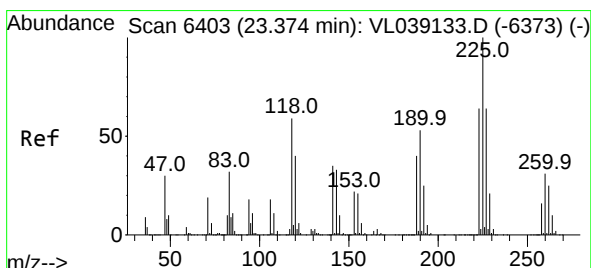
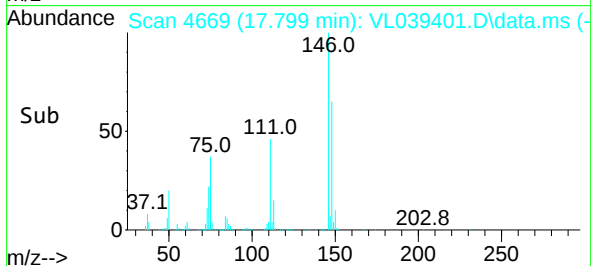
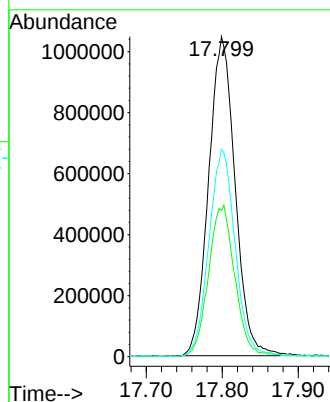
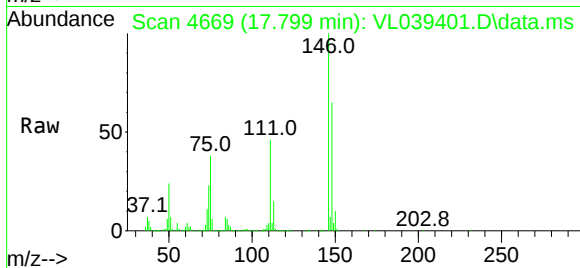
148 65.4 32.3 96.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#78

Hexachloro-1,3-Butadiene

Concen: 8.303 ppbv

RT: 23.355 min Scan# 6397

Delta R.T. 0.009 min

Lab File: VL039401.D

Acq: 29 Jun 2022 17:30

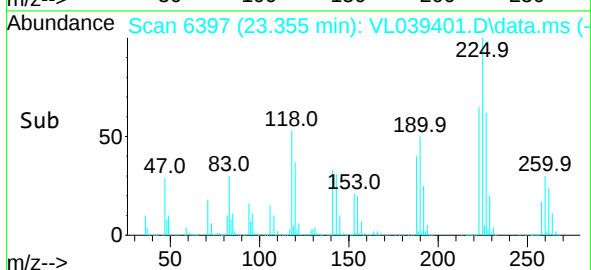
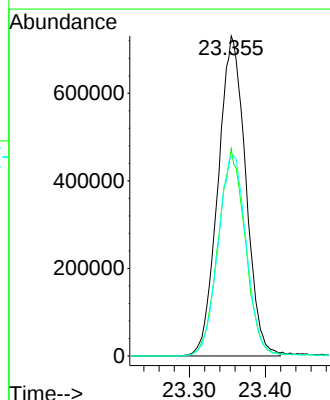
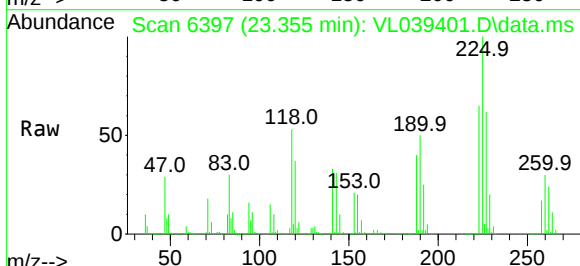
Tgt Ion:225 Resp: 1843699

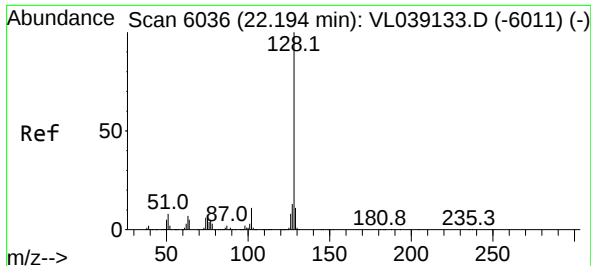
Ion Ratio Lower Upper

225 100

223 63.8 51.8 77.6

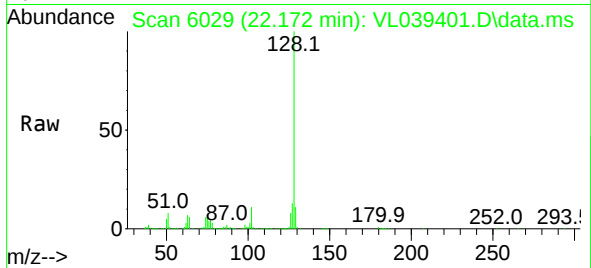
227 64.8 51.4 77.2





#79
Naphthalene
Concen: 11.521 ppbv
RT: 22.172 min Scan# 6029
Delta R.T. 0.013 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

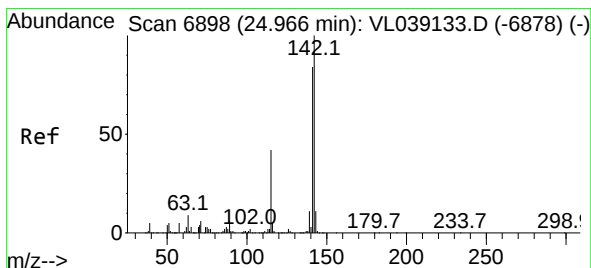
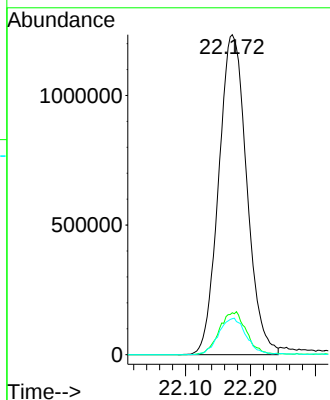
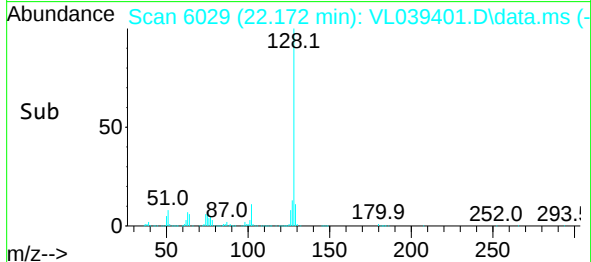
Instrument :
MSVOA_L
ClientSampleId :
ICVVL062922



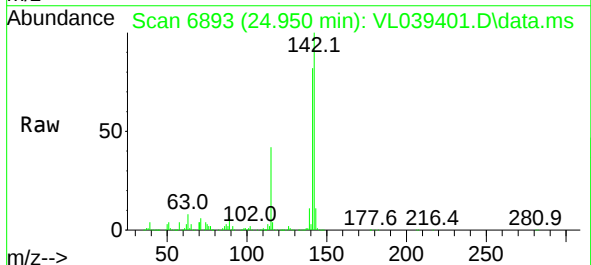
Tgt Ion:128 Resp: 3702459
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.3 8.8 13.2

Manual Integrations
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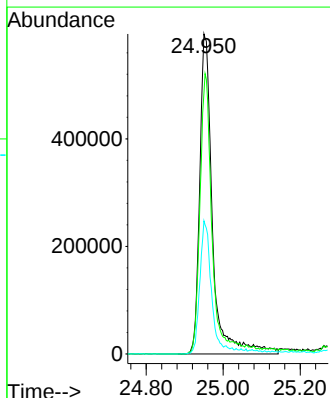
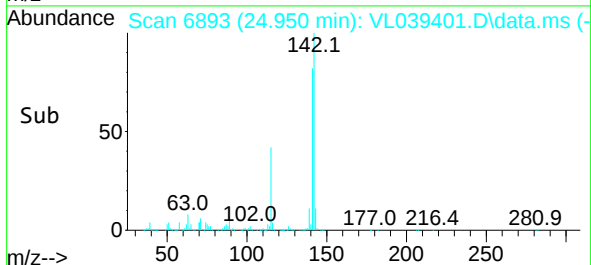
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

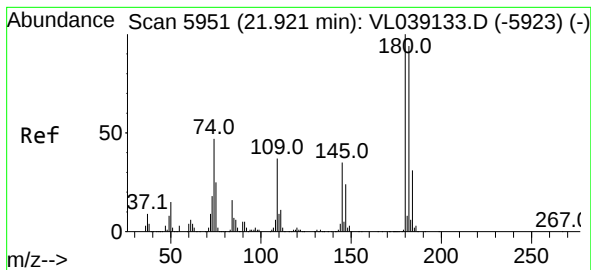


#80
Naphthalene,2-methyl-
Concen: 12.623 ppbv
RT: 24.950 min Scan# 6893
Delta R.T. 0.006 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30



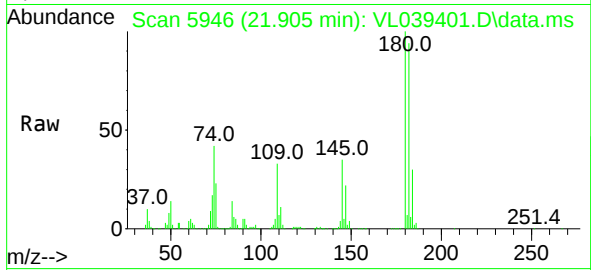
Tgt Ion:142 Resp: 1380636
Ion Ratio Lower Upper
142 100
141 83.6 68.9 103.3
115 38.7 30.0 45.0





#81
1,2,4-Trichlorobenzene
Concen: 9.812 ppbv
RT: 21.905 min Scan# 5946
Delta R.T. 0.016 min
Lab File: VL039401.D
Acq: 29 Jun 2022 17:30

Instrument : MSVOA_L
ClientSampleId : ICVVL062922



Tgt Ion:180 Resp: 2053729
Ion Ratio Lower Upper
180 100
182 99.0 77.1 115.7
184 31.1 24.3 36.5

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

