

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
 Data File : VL039403.D
 Acq On : 29 Jun 2022 19:36
 Operator : SY/AP
 Sample : VL0629ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0629ABS01

Manual Integrations
 APPROVED

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

Quant Time: Jun 30 05:43:51 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	1296279	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.163	114	3566285	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.073	117	3360025m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.397 95 2579994 10.350 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 103.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.044	85	1720709	9.203	ppbv	99
3) Chlorodifluoromethane	2.983	51	1428799	8.688	ppbv	100
4) Chloromethane	3.137	50	785041	8.728	ppbv	98
5) Vinyl Chloride	3.250	62	755769	8.521	ppbv	96
6) Bromomethane	3.468	94	335002	8.975	ppbv	93
7) Chloroethane	3.549	64	271111	8.594	ppbv	99
8) Dichlorotetrafluoroethane	3.182	85	1837598	8.997	ppbv	100
9) Propene	3.005	41	623152	8.390	ppbv	98
10) Heptane	8.111	43	1644782	9.455	ppbv	99
11) Trichlorofluoromethane	3.941	101	1847948	8.869	ppbv	99
12) 1,1,2-Trichlorotrifluoro...	4.475	101	1373009	8.840	ppbv	99
13) Ethanol	3.594	45	36700m	8.517	ppbv	
14) Bromoethene	3.732	108	581983	8.913	ppbv	99
15) Acetone	3.838	43	1324865	8.639	ppbv	99
16) 1,3-Butadiene	3.321	39	712336	8.952	ppbv	99
17) tert-Butyl alcohol	4.272	59	1309340	10.059	ppbv	99
18) 1,1-Dichloroethene	4.279	96	615136	8.742	ppbv	98
19) Isopropyl Alcohol	3.951	45	730694	8.932	ppbv #	97
20) Methylene Chloride	4.333	84	528271	8.642	ppbv	95
21) Allyl Chloride	4.404	41	964709	9.082	ppbv	99
22) trans-1,2-Dichloroethene	4.873	96	623661	9.156	ppbv	97
23) Vinyl Acetate	5.060	43	1010851	9.863	ppbv	97
24) 1,1-Dichloroethane	4.999	63	1361625	9.407	ppbv	98
25) Ethyl Acetate	5.661	43	2980270	9.477	ppbv	99
26) Hexane	5.674	57	1246551	9.834	ppbv	99
27) Carbon Disulfide	4.542	76	1552385	10.146	ppbv	100
28) Methyl tert-Butyl Ether	5.021	73	1309773	9.664	ppbv	97
29) Chloroform	5.742	83	1984242	9.002	ppbv	98
30) Cyclohexane	7.118	84	1069979	9.272	ppbv	99
31) cis-1,2-Dichloroethene	5.536	61	1237728	9.203	ppbv	99
32) 1,1,1-Trichloroethane	6.497	97	2026787	9.316	ppbv	99
34) 2-Butanone	5.227	43	1733228	9.655	ppbv	100
35) Carbon Tetrachloride	7.005	117	2156157	9.785	ppbv	98
36) Benzene	6.877	78	2622489	9.501	ppbv	96
37) 1,2-Dichloroethane	6.291	62	1544339	9.479	ppbv	100
38) Trichloroethene	7.822	130	1407284	9.427	ppbv	100
39) 1,2-Dichloropropane	7.600	63	987839	9.580	ppbv	95
40) 1,4-Dioxane	7.816	88	302392	7.359	ppbv #	1
41) Tetrahydrofuran	6.034	42	1022781	9.832	ppbv	99
42) Bromodichloromethane	7.777	83	2160466	9.835	ppbv	100
43) Methyl Methacrylate	7.996	69	1061252	10.112	ppbv	99
44) 2,2,4-Trimethylpentane	7.857	57	4350735	9.302	ppbv	99
45) t-1,3-Dichloropropene	9.266	75	1097889	11.749	ppbv	99

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Quant Time: Jun 30 05:43:51 2022

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

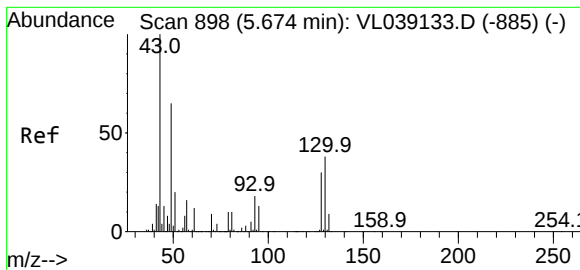
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu Jun 30 05:40:11 2022

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

Response via : Initial Calibration

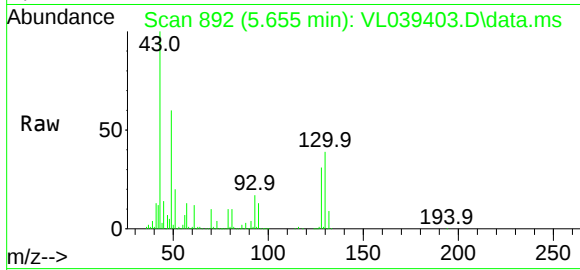
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.690	75	1411638	10.975	ppbv	98
47) 1,1,2-Trichloroethane	9.462	97	1094939	9.464	ppbv	97
48) Dibromochloromethane	10.291	129	1958128	10.649	ppbv	99
49) Bromoform	13.028	173	1635364	11.024	ppbv	99
50) 4-Methyl-2-Pentanone	8.725	43	2757305	10.158	ppbv	99
51) 2-Hexanone	10.114	43	2138669	10.416	ppbv	100
52) Tetrachloroethene	11.204	164	1025905	9.233	ppbv	98
53) Toluene	9.790	91	3167300	9.948	ppbv	99
54) 1,2-Dibromoethane	10.597	107	1452641	10.090	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.111	131	1421065	9.574	ppbv	95
57) Chlorobenzene	12.130	112	2442108	9.375	ppbv	97
58) Ethyl Benzene	12.693	91	4232284	9.755	ppbv	99
59) m/p-Xylene	12.982	91	7338786m	19.186	ppbv	
60) o-Xylene	13.677	91	3529932	9.746	ppbv	100
61) Styrene	13.513	104	2084017	10.622	ppbv	99
62) Isopropylbenzene	14.651	105	5200500	9.428	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.661	83	1686001	8.881	ppbv	100
64) n-propylbenzene	15.548	120	1373095	9.822	ppbv	100
65) tert-Butylbenzene	16.732	119	4763116	9.345	ppbv	100
66) Benzyl Chloride	16.969	91	534860	11.043	ppbv	100
67) sec-Butylbenzene	17.278	105	6523122	9.502	ppbv	100
69) p-Isopropyltoluene	17.635	119	5618096	9.645	ppbv	100
70) n-Butylbenzene	18.532	91	5517914	9.760	ppbv	100
71) 2-Chlorotoluene	15.433	91	3826156	9.692	ppbv	100
72) 4-Ethyltoluene	15.825	105	4277131	10.044	ppbv	99
73) 1,3,5-Trimethylbenzene	15.982	105	3855150	9.857	ppbv	97
74) 1,2,4-Trimethylbenzene	16.748	105	4181533	9.664	ppbv	98
75) 1,3-Dichlorobenzene	16.979	146	2472292	9.579	ppbv	100
76) 1,4-Dichlorobenzene	17.121	146	2382915	9.315	ppbv	100
77) 1,2-Dichlorobenzene	17.799	146	2394190	9.359	ppbv	99
78) Hexachloro-1,3-Butadiene	23.358	225	1731245	8.414	ppbv	99
79) Naphthalene	22.172	128	3357598	11.276	ppbv	99
80) Naphthalene,2-methyl-	24.953	142	1200404	11.845	ppbv	95
81) 1,2,4-Trichlorobenzene	21.902	180	1931152	9.957	ppbv	100

(#) = 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: VL039403.D
Acq: 29 Jun 2022 19:36

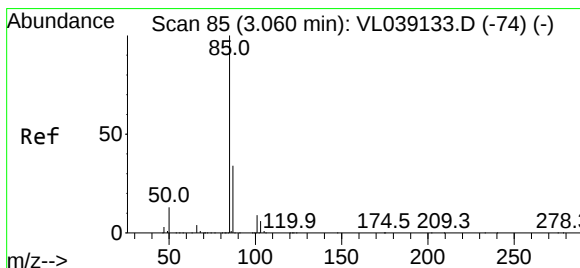
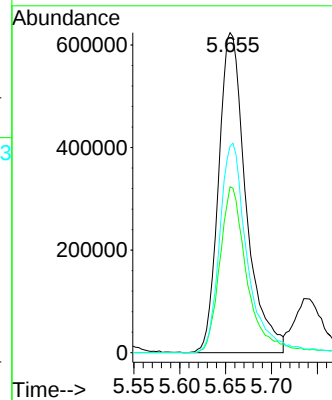
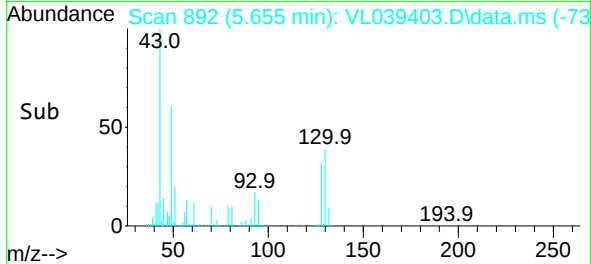
Instrument :
MSVOA_L
ClientSampleId :
VL0629ABS01



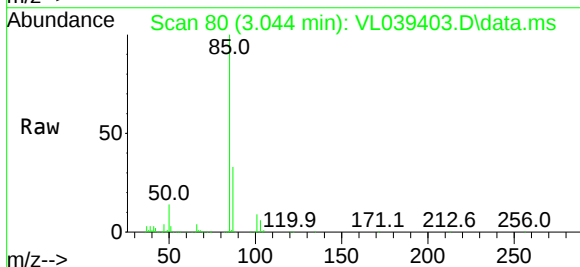
Tgt Ion: 49 Resp: 1296279
Ion Ratio Lower Upper
49 100
128 52.5 26.7 80.0
130 67.1 34.3 102.8

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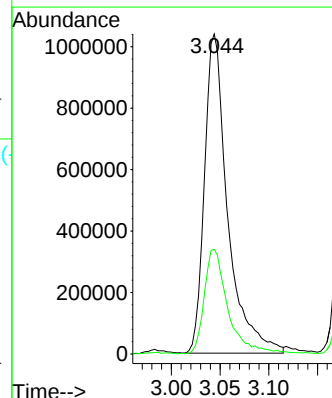
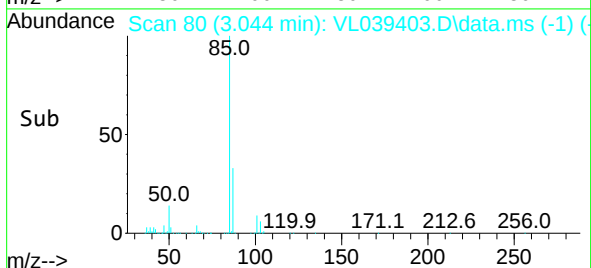
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

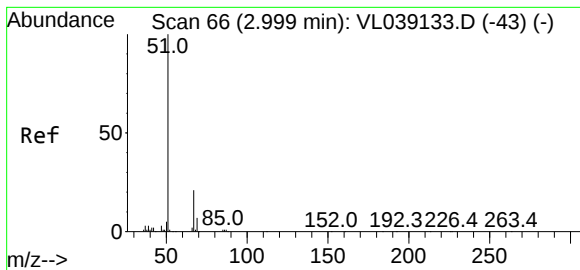


#2
Dichlorodifluoromethane
Concen: 9.203 ppbv
RT: 3.044 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36



Tgt Ion: 85 Resp: 1720709
Ion Ratio Lower Upper
85 100
87 32.7 26.7 40.1





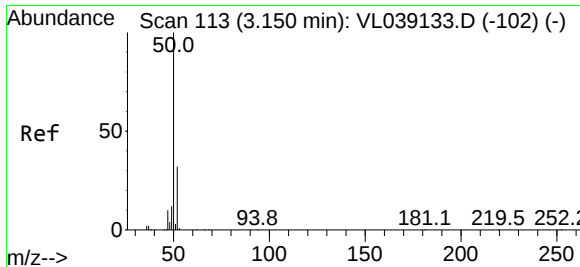
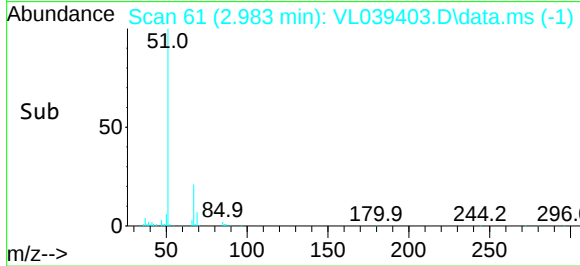
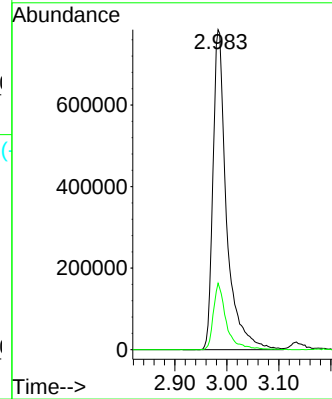
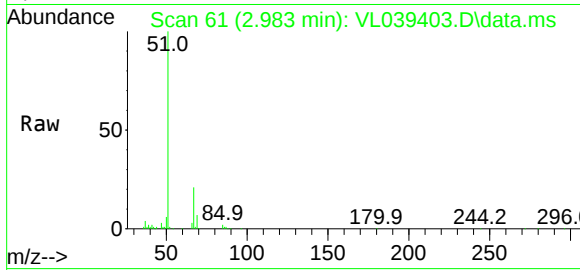
#3
Chlorodifluoromethane
Concen: 8.688 ppbv
RT: 2.983 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

Instrument :
MSVOA_L
ClientSampleId :
VL0629ABS01

Tgt Ion: 51 Resp: 1428799
Ion Ratio Lower Upper
51 100
67 19.7 15.7 23.5

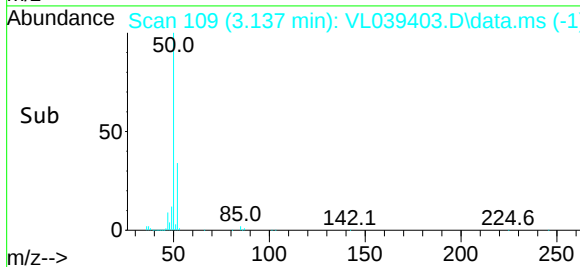
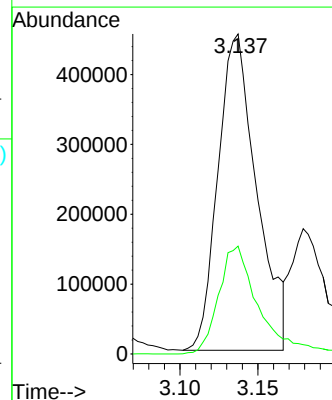
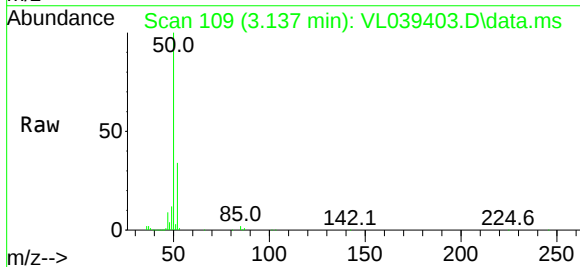
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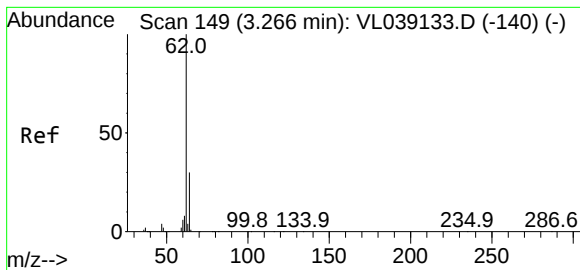
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#4
Chloromethane
Concen: 8.728 ppbv
RT: 3.137 min Scan# 109
Delta R.T. 0.006 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

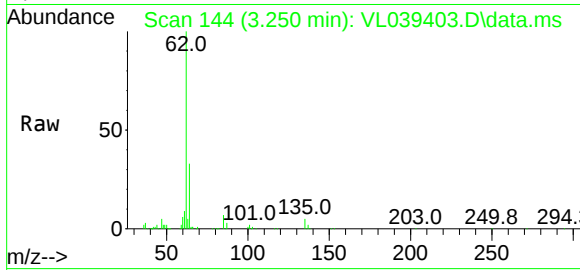
Tgt Ion: 50 Resp: 785041
Ion Ratio Lower Upper
50 100
52 34.0 26.5 39.7





#5
 Vinyl Chloride
 Concen: 8.521 ppbv
 RT: 3.250 min Scan# 149
 Delta R.T. 0.003 min
 Lab File: VL039403.D
 Acq: 29 Jun 2022 19:36

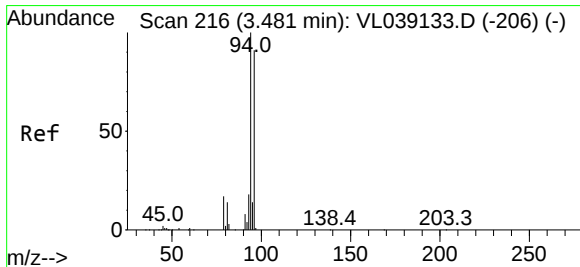
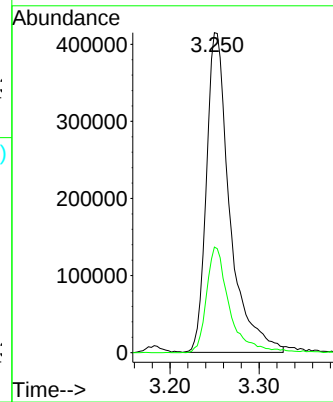
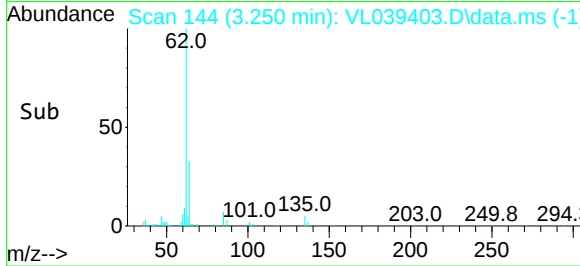
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0629ABS01



Tgt Ion: 62 Resp: 755769
 Ion Ratio Lower Upper
 62 100
 64 33.0 24.6 36.8

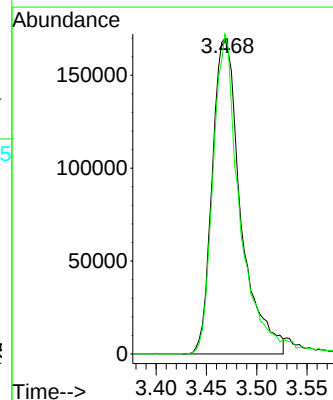
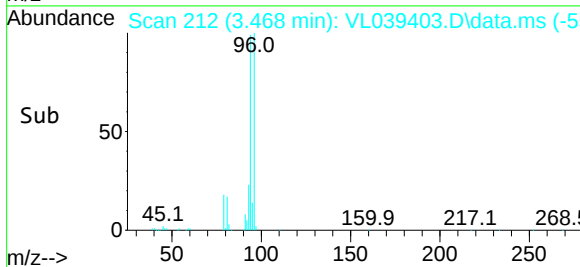
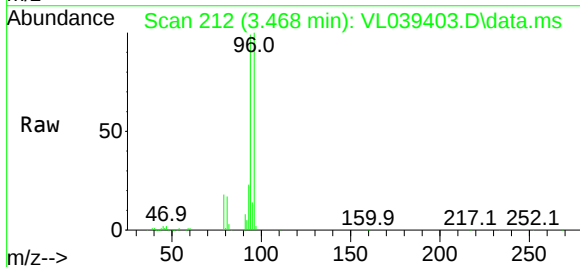
Manual Integrations
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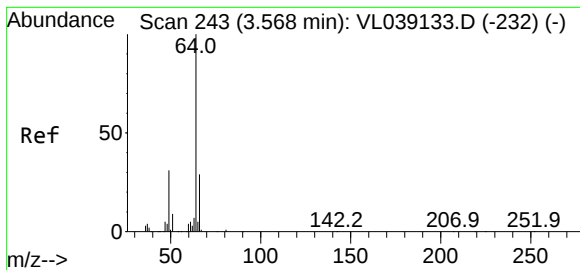
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022



#6
 Bromomethane
 Concen: 8.975 ppbv
 RT: 3.468 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VL039403.D
 Acq: 29 Jun 2022 19:36

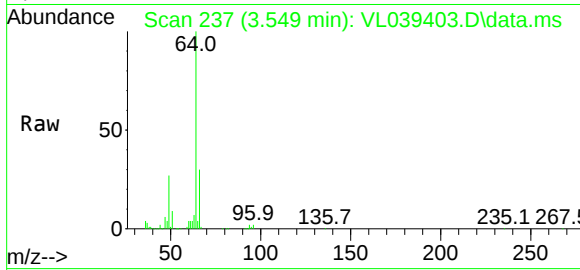
Tgt Ion: 94 Resp: 335002
 Ion Ratio Lower Upper
 94 100
 96 101.4 75.6 113.4





#7
Chloroethane
Concen: 8.594 ppbv
RT: 3.549 min Scan# 211
Delta R.T. 0.003 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

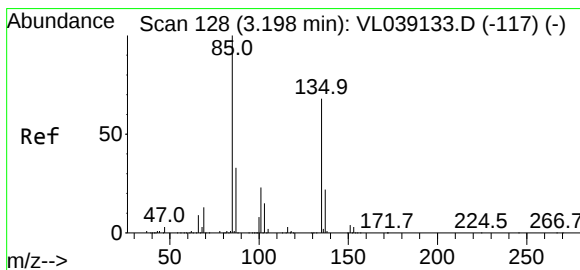
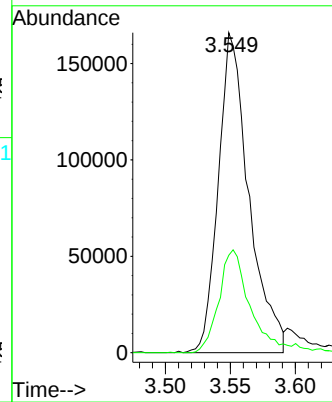
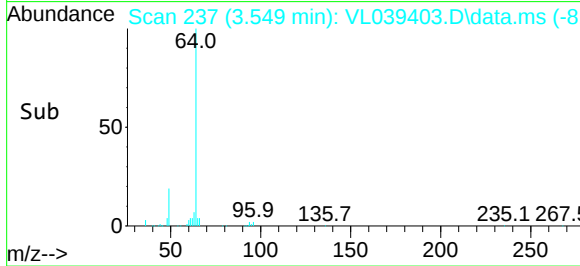
Instrument :
MSVOA_L
ClientSampleId :
VL0629ABS01



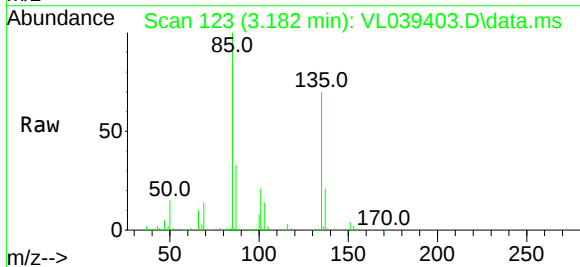
Tgt Ion: 64 Resp: 27111
Ion Ratio Lower Upper
64 100
66 30.4 24.7 37.1

Manual Integrations
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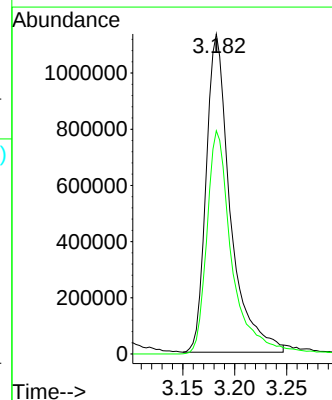
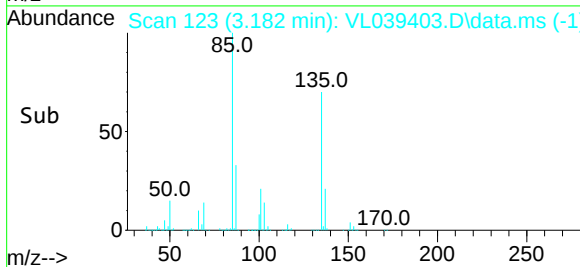
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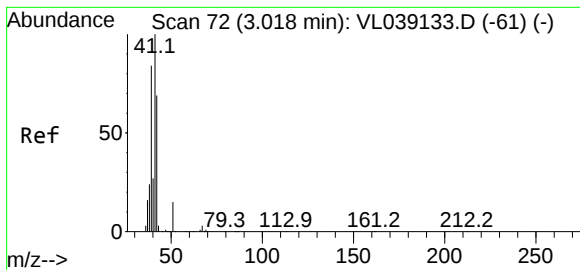


#8
Dichlorotetrafluoroethane
Concen: 8.997 ppbv
RT: 3.182 min Scan# 123
Delta R.T. 0.003 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36



Tgt Ion: 85 Resp: 1837598
Ion Ratio Lower Upper
85 100
135 73.4 59.0 88.4





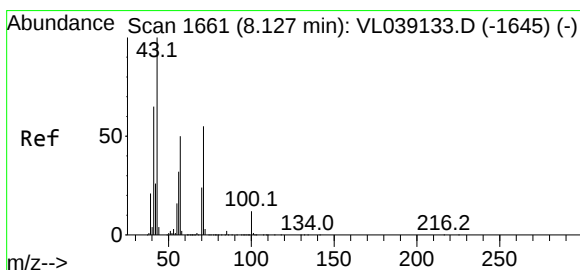
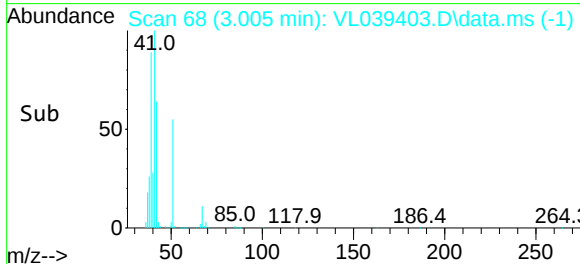
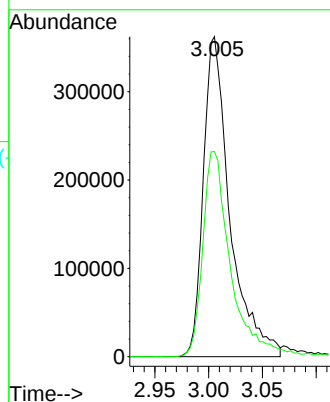
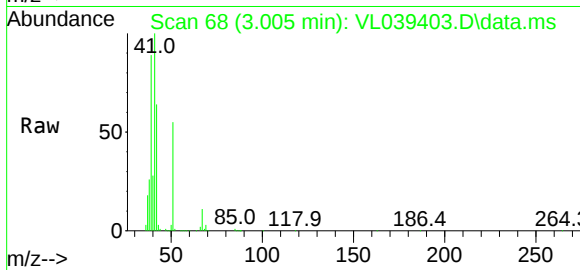
#9
 Propene
 Concen: 8.390 ppbv
 RT: 3.005 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL039403.D
 Acq: 29 Jun 2022 19:36

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0629ABS01

Tgt Ion: 41 Resp: 623152
 Ion Ratio Lower Upper
 41 100
 42 67.7 55.2 82.8

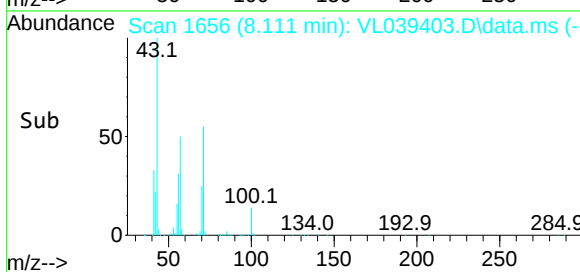
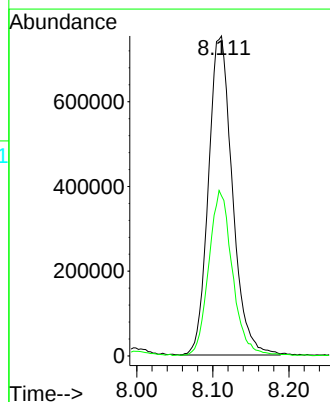
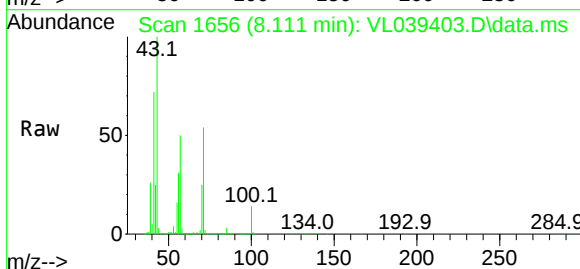
Manual Integrations
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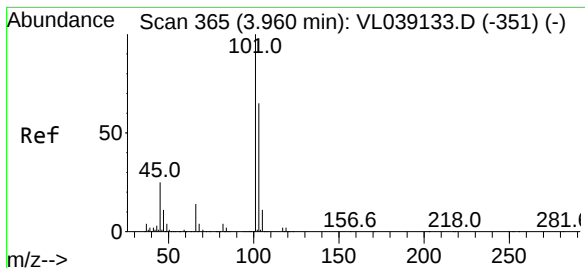
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022



#10
 Heptane
 Concen: 9.455 ppbv
 RT: 8.111 min Scan# 1656
 Delta R.T. 0.006 min
 Lab File: VL039403.D
 Acq: 29 Jun 2022 19:36

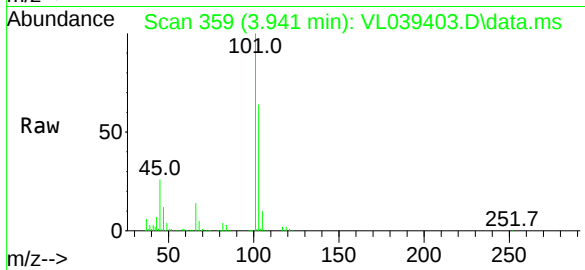
Tgt Ion: 43 Resp: 1644782
 Ion Ratio Lower Upper
 43 100
 57 51.6 40.5 60.7





#11
 Trichlorofluoromethane
 Concen: 8.869 ppbv
 RT: 3.941 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VL039403.D
 Acq: 29 Jun 2022 19:36

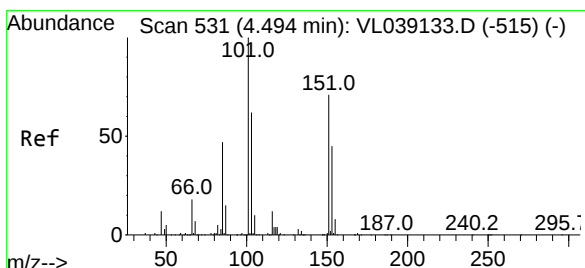
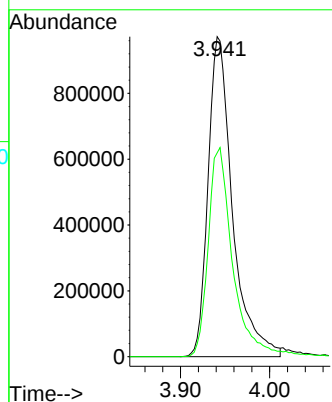
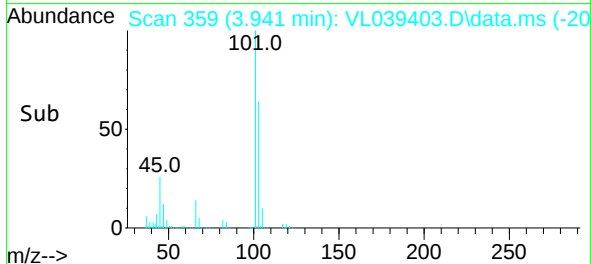
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0629ABS01



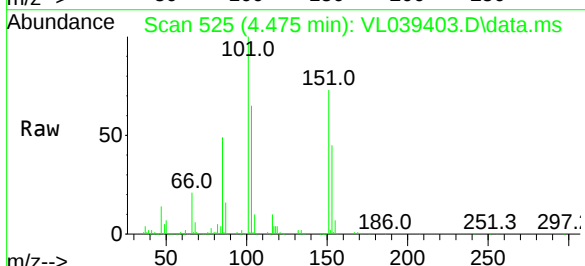
Tgt Ion:101 Resp: 1847948
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.8 77.8

Manual Integrations
 APPROVED

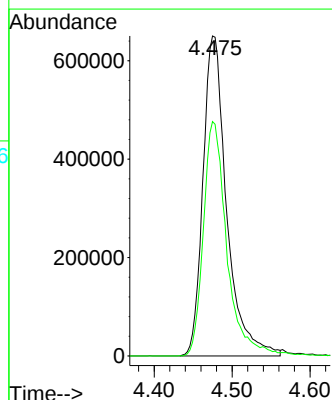
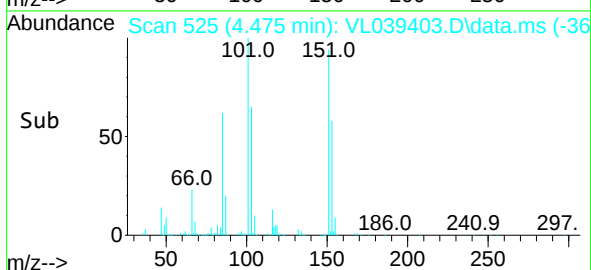
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

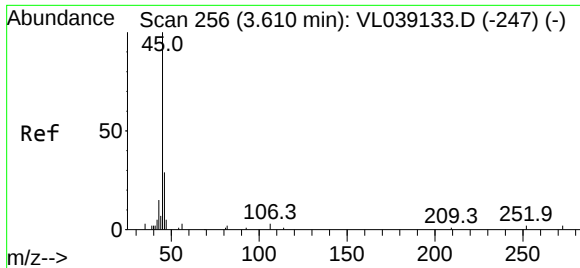


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 8.840 ppbv
 RT: 4.475 min Scan# 525
 Delta R.T. 0.003 min
 Lab File: VL039403.D
 Acq: 29 Jun 2022 19:36



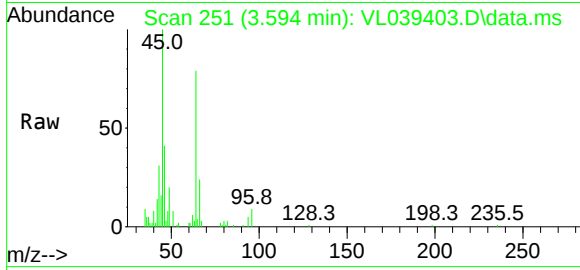
Tgt Ion:101 Resp: 1373009
 Ion Ratio Lower Upper
 101 100
 151 73.1 58.9 88.3





#13
Ethanol
Concen: 8.517 ppbv m
RT: 3.594 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

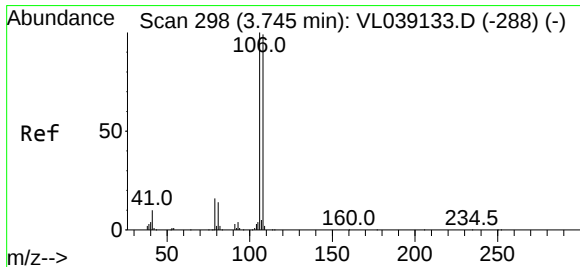
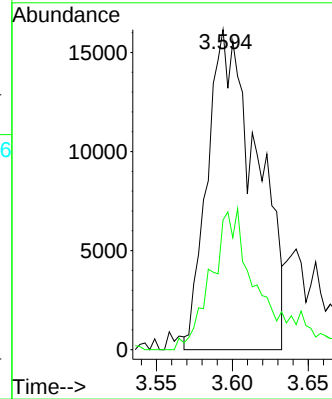
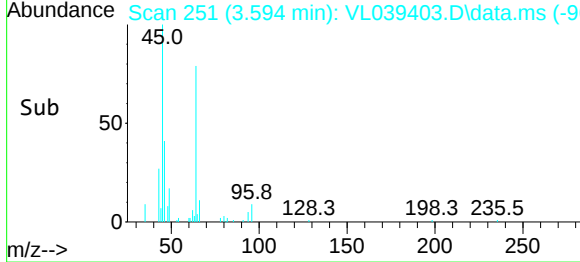
Instrument :
MSVOA_L
ClientSampleId :
VL0629ABS01



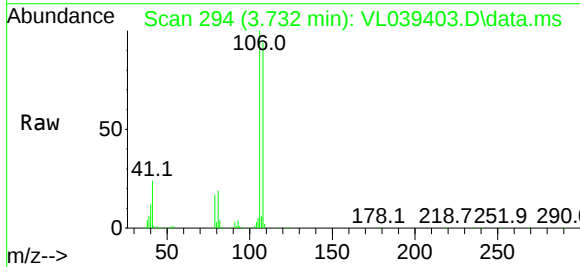
Tgt Ion: 45 Resp: 36700
Ion Ratio Lower Upper
45 100
46 43.0 22.8 91.2

Manual Integrations
APPROVED

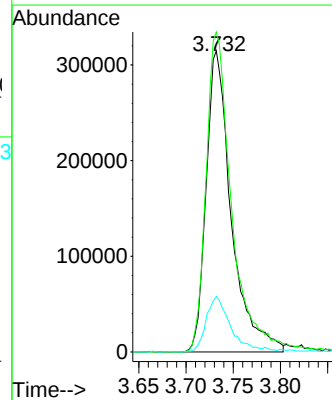
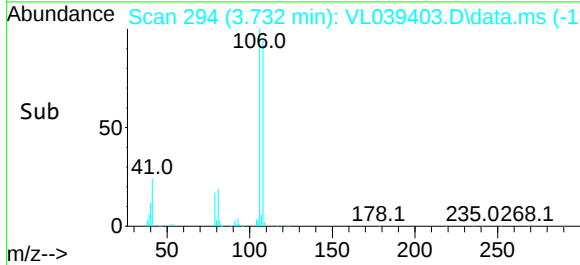
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

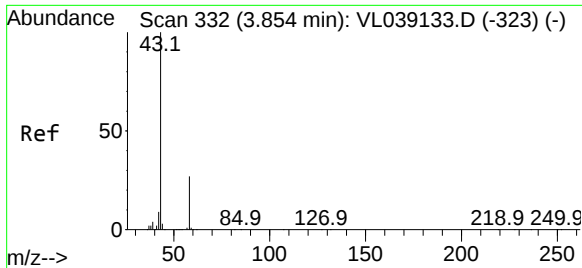


#14
Bromoethene
Concen: 8.913 ppbv
RT: 3.732 min Scan# 294
Delta R.T. 0.003 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36



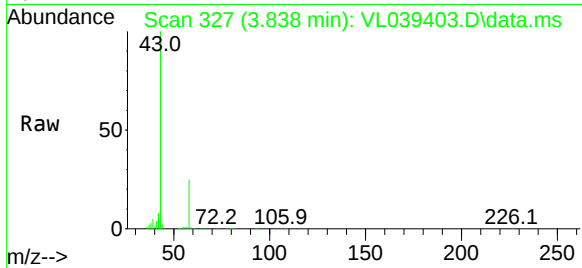
Tgt Ion:108 Resp: 581983
Ion Ratio Lower Upper
108 100
106 110.3 87.1 130.7
79 19.1 14.6 22.0





#15
Acetone
Concen: 8.639 ppbv
RT: 3.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

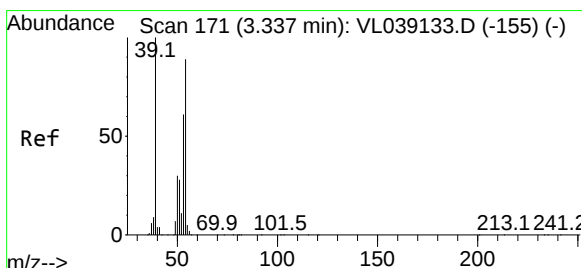
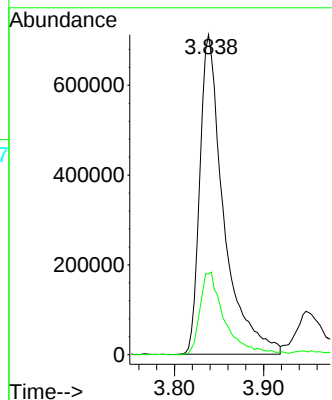
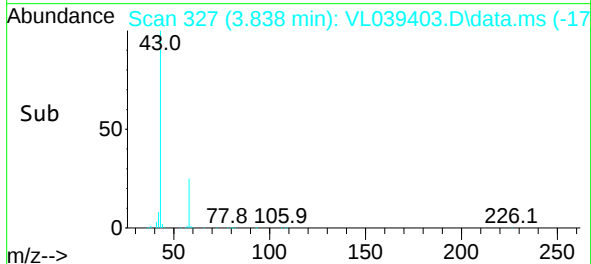
Instrument :
MSVOA_L
ClientSampleId :
VL0629ABS01



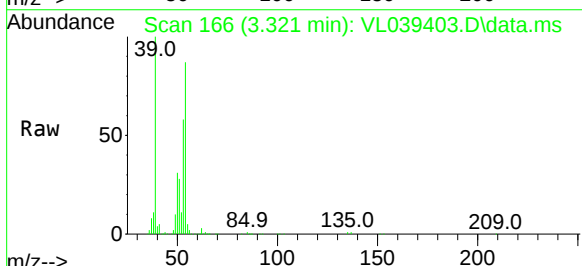
Tgt Ion: 43 Resp: 132486
Ion Ratio Lower Upper
43 100
58 26.7 21.0 31.6

Manual Integrations
APPROVED

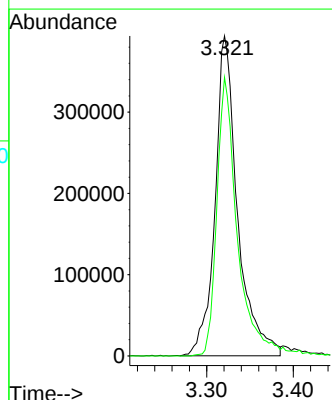
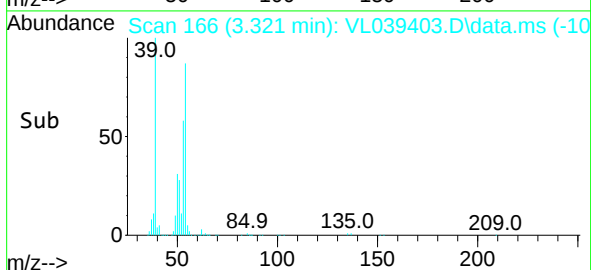
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

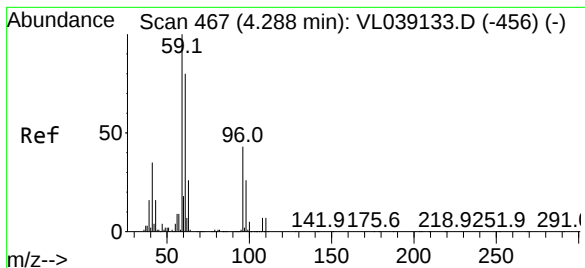


#16
1,3-Butadiene
Concen: 8.952 ppbv
RT: 3.321 min Scan# 166
Delta R.T. 0.003 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36



Tgt Ion: 39 Resp: 712336
Ion Ratio Lower Upper
39 100
54 80.7 63.7 95.5





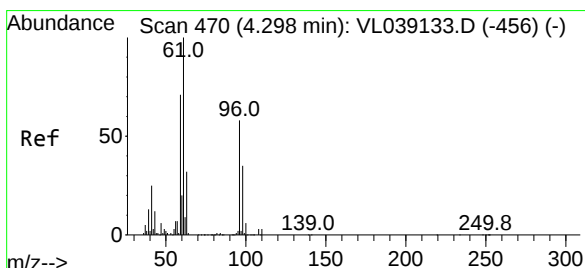
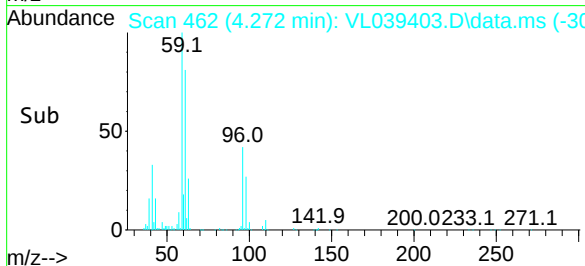
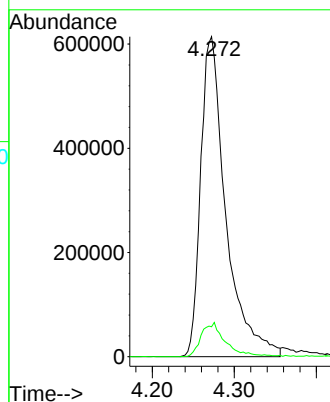
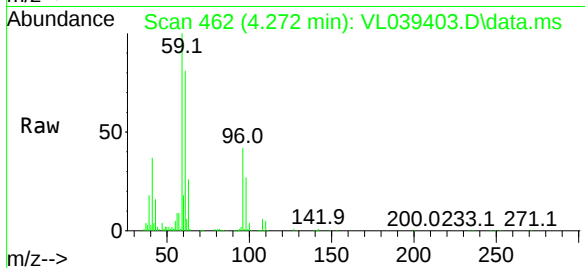
#17
tert-Butyl alcohol
Concen: 10.059 ppbv
RT: 4.272 min Scan# 462
Delta R.T. 0.003 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

Instrument :
MSVOA_L
ClientSampleId :
VL0629ABS01

Tgt Ion: 59 Resp: 1309340
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1

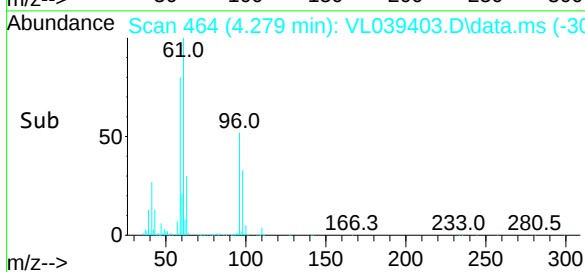
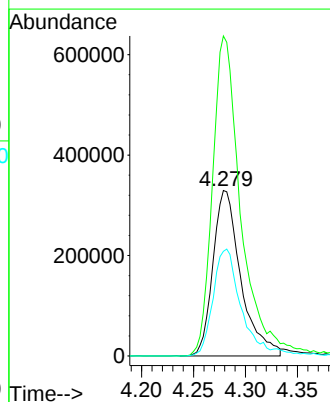
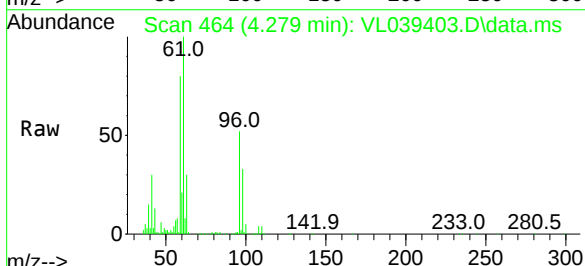
Manual Integrations
APPROVED

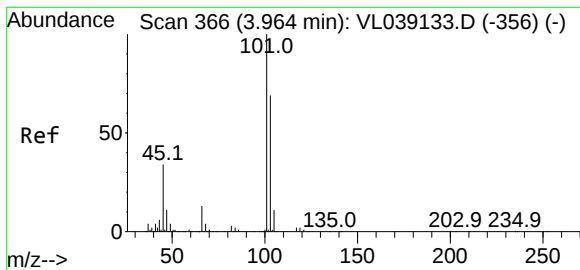
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#18
1,1-Dichloroethene
Concen: 8.742 ppbv
RT: 4.279 min Scan# 464
Delta R.T. -0.000 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

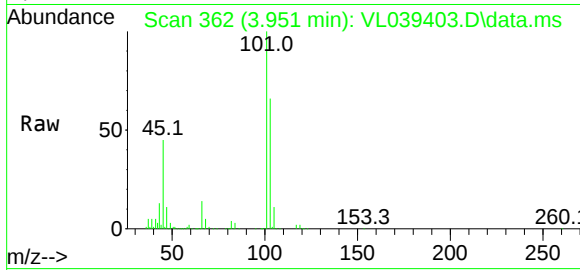
Tgt Ion: 96 Resp: 615136
Ion Ratio Lower Upper
96 100
61 193.4 152.2 228.4
98 63.3 51.8 77.6





#19
Isopropyl Alcohol
Concen: 8.932 ppbv
RT: 3.951 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

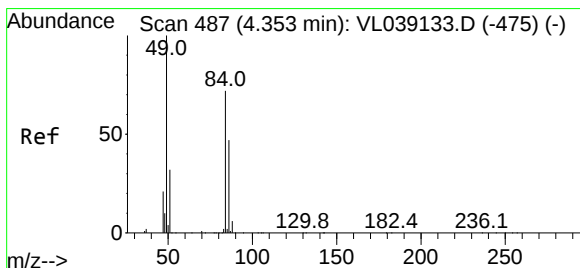
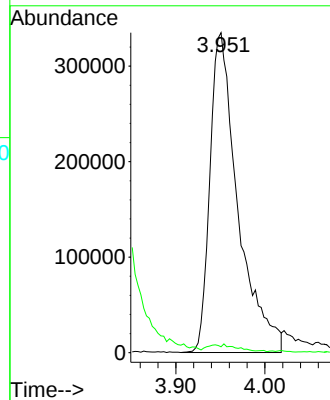
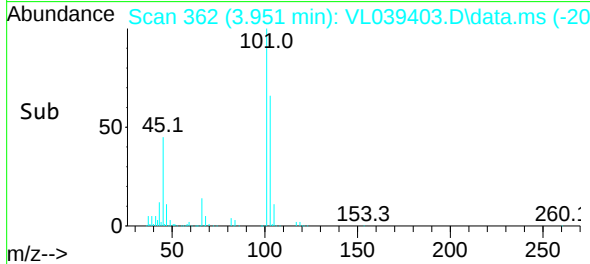
Instrument :
MSVOA_L
ClientSampleId :
VL0629ABS01



Tgt Ion: 45 Resp: 730694
Ion Ratio Lower Upper
45 100
58 3.0 3.2 4.8

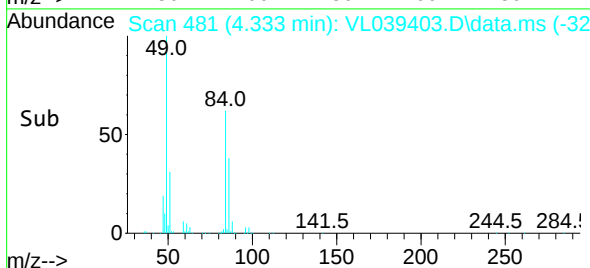
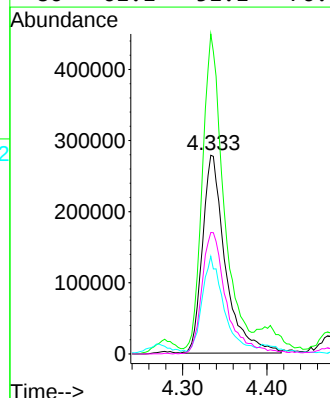
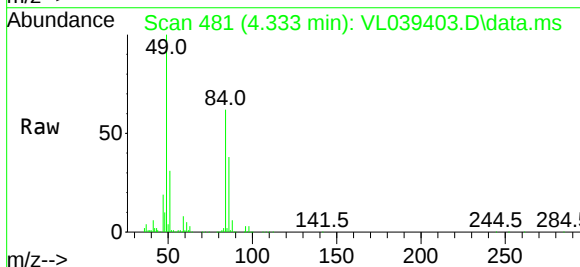
Manual Integrations
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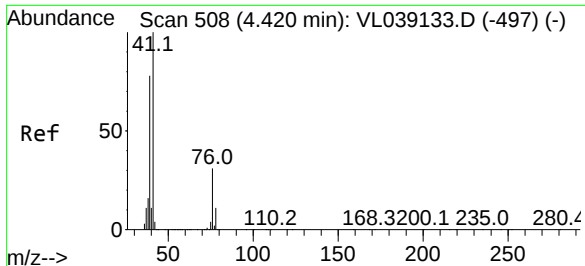
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#20
Methylene Chloride
Concen: 8.642 ppbv
RT: 4.333 min Scan# 481
Delta R.T. 0.003 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

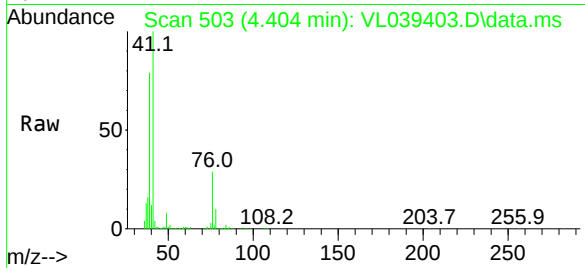
Tgt Ion: 84 Resp: 528271
Ion Ratio Lower Upper
84 100
49 159.2 123.1 184.7
51 48.0 34.4 51.6
86 61.1 51.1 76.7





#21
 Allyl Chloride
 Concen: 9.082 ppbv
 RT: 4.404 min Scan# 508
 Delta R.T. 0.006 min
 Lab File: VL039403.D
 Acq: 29 Jun 2022 19:36

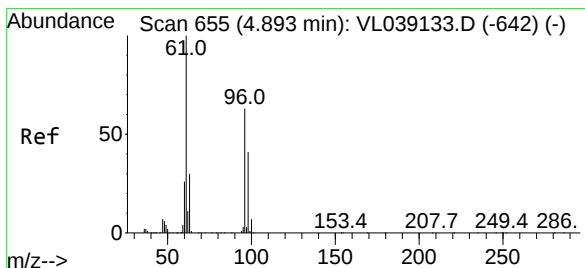
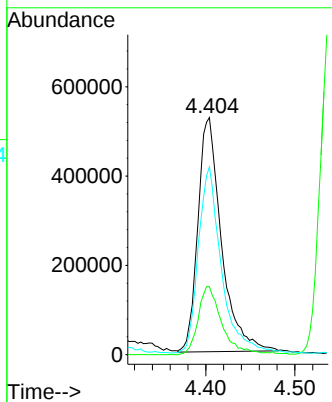
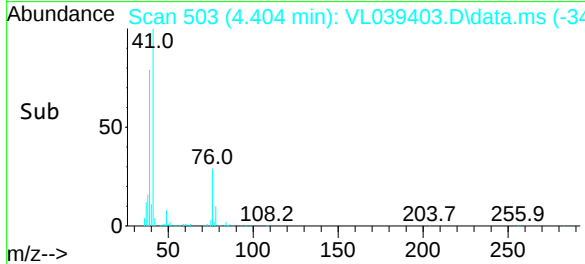
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0629ABS01



Tgt Ion: 41 Resp: 964709
 Ion Ratio Lower Upper
 41 100
 76 29.7 24.4 36.6
 39 79.0 63.5 95.3

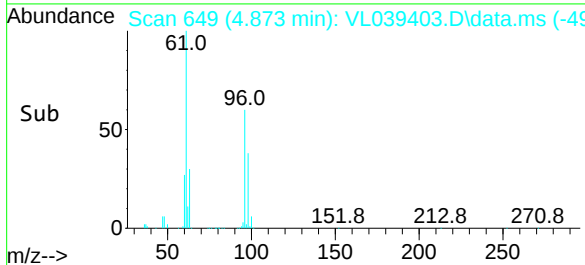
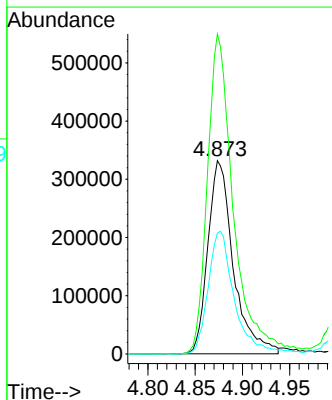
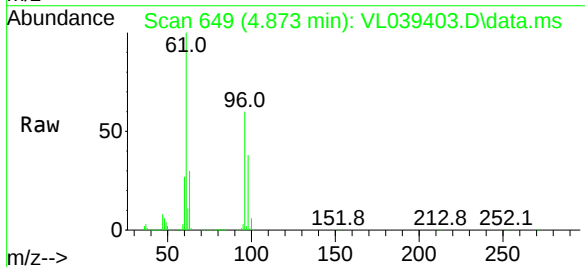
Manual Integrations
 APPROVED

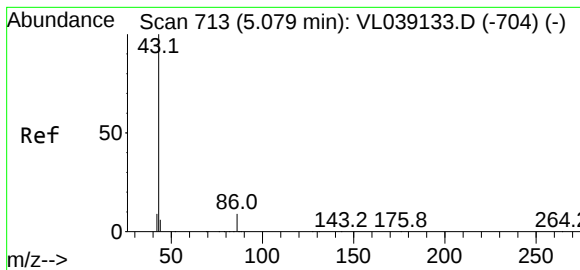
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022



#22
 trans-1,2-Dichloroethene
 Concen: 9.156 ppbv
 RT: 4.873 min Scan# 649
 Delta R.T. 0.003 min
 Lab File: VL039403.D
 Acq: 29 Jun 2022 19:36

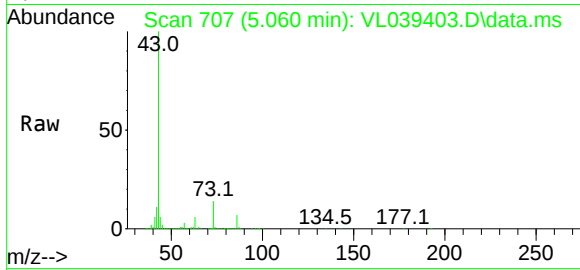
Tgt Ion: 96 Resp: 623661
 Ion Ratio Lower Upper
 96 100
 61 165.5 130.6 195.8
 98 62.6 53.4 80.0





#23
 Vinyl Acetate
 Concen: 9.863 ppbv
 RT: 5.060 min Scan# 707
 Delta R.T. 0.003 min
 Lab File: VL039403.D
 Acq: 29 Jun 2022 19:36

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0629ABS01

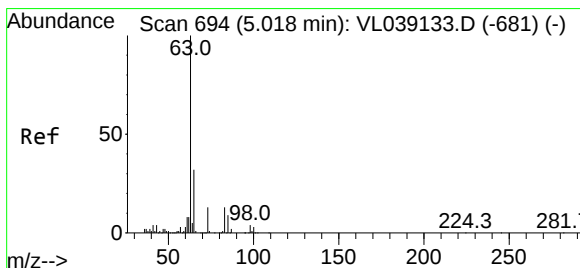
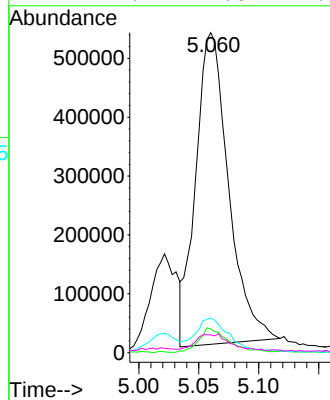
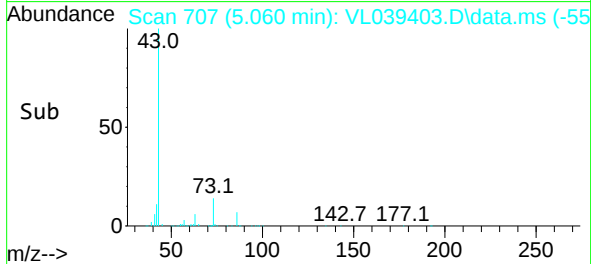


Tgt Ion: 43 Resp: 101085

Ion	Ratio	Lower	Upper
43	100		
86	7.4	5.0	7.6
42	10.7	7.7	11.5
44	4.9	4.6	7.0

Manual Integrations
 APPROVED

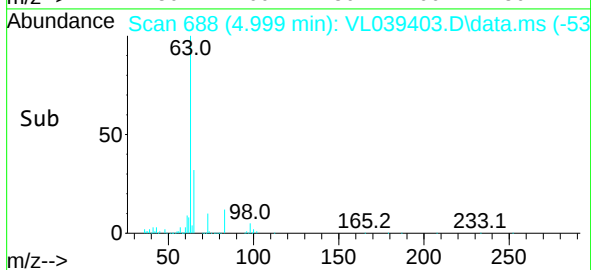
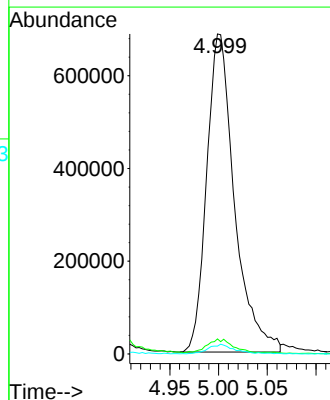
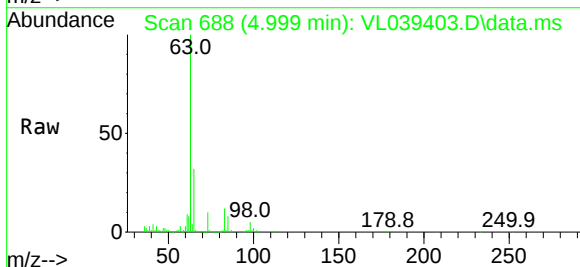
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

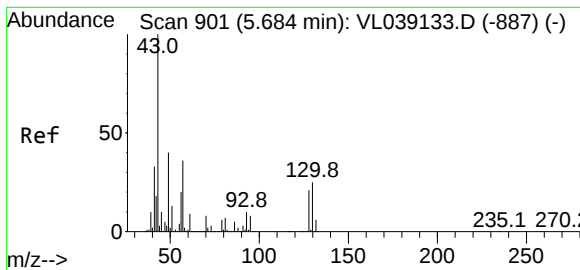


#24
 1,1-Dichloroethane
 Concen: 9.407 ppbv
 RT: 4.999 min Scan# 688
 Delta R.T. 0.003 min
 Lab File: VL039403.D
 Acq: 29 Jun 2022 19:36

Tgt Ion: 63 Resp: 1361625

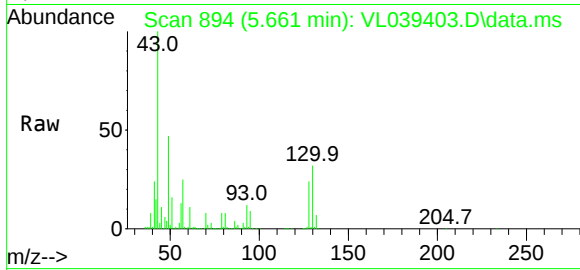
Ion	Ratio	Lower	Upper
63	100		
98	4.4	1.8	5.3
100	2.4	1.5	4.4





#25
Ethyl Acetate
Concen: 9.477 ppbv
RT: 5.661 min Scan# 894
Delta R.T. -0.000 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

Instrument : MSVOA_L
Client Sample Id : VL0629ABS01

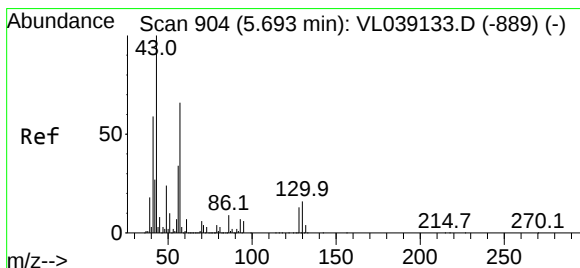
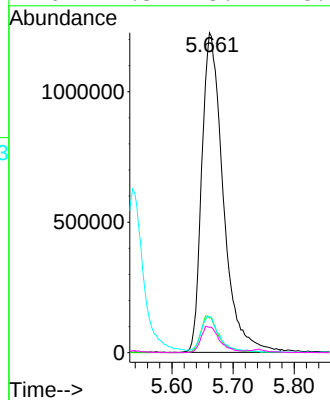
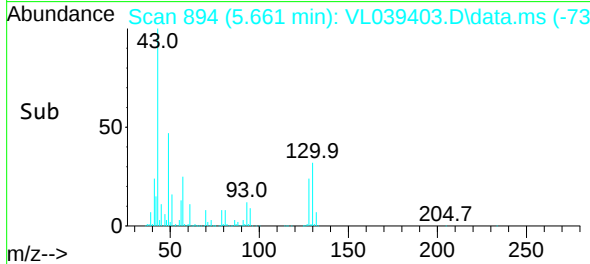


Tgt Ion: 43 Resp: 2980270

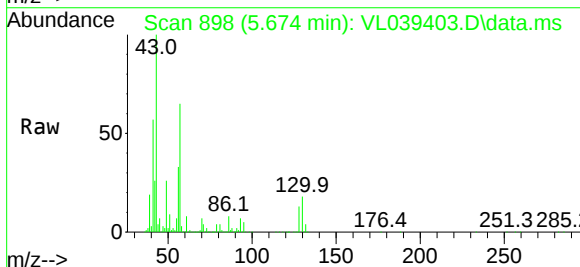
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.2	12.4
61	9.8	8.3	12.5
70	7.3	5.9	8.9

Manual Integrations
APPROVED

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

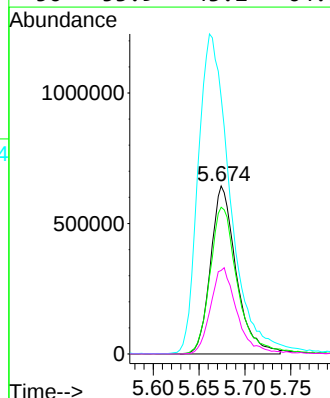
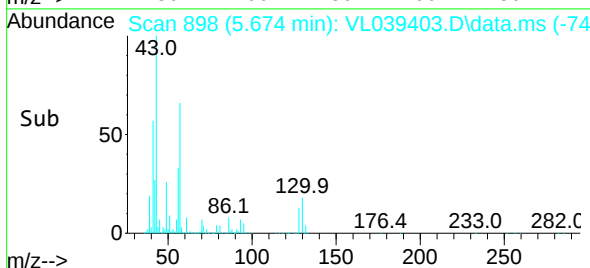


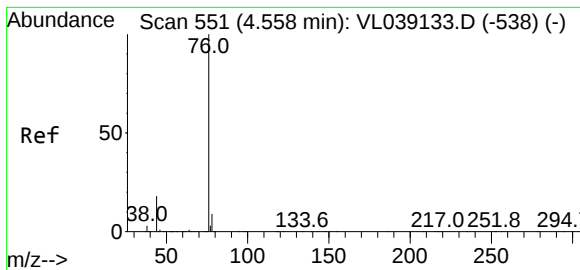
#26
Hexane
Concen: 9.834 ppbv
RT: 5.674 min Scan# 898
Delta R.T. 0.003 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36



Tgt Ion: 57 Resp: 1246551

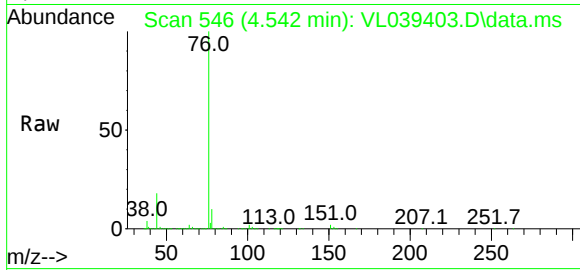
Ion	Ratio	Lower	Upper
57	100		
41	95.3	76.9	115.3
43	240.5	191.0	286.6
56	53.9	43.2	64.8





#27
Carbon Disulfide
Concen: 10.146 ppbv
RT: 4.542 min Scan# 54
Delta R.T. 0.006 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

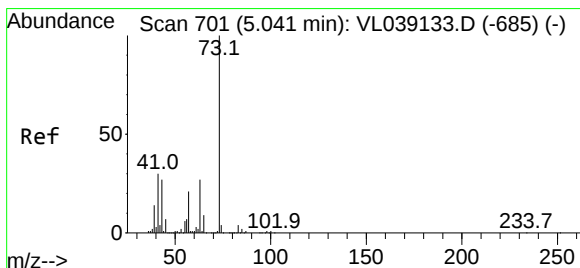
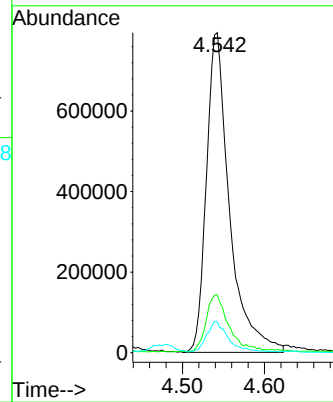
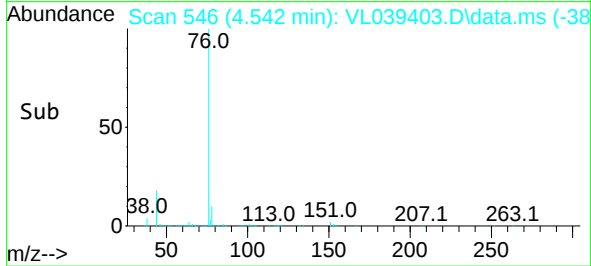
Instrument :
MSVOA_L
ClientSampleId :
VL0629ABS01



Tgt Ion: 76 Resp: 155238
Ion Ratio Lower Upper
76 100
44 18.3 14.6 21.8
78 9.5 7.8 11.6

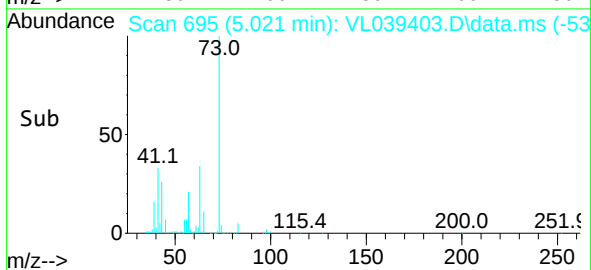
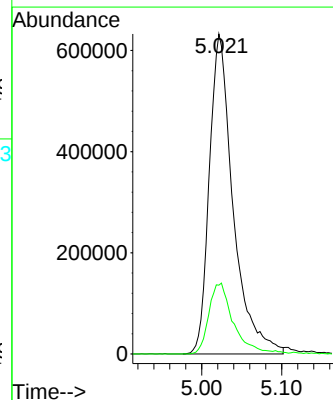
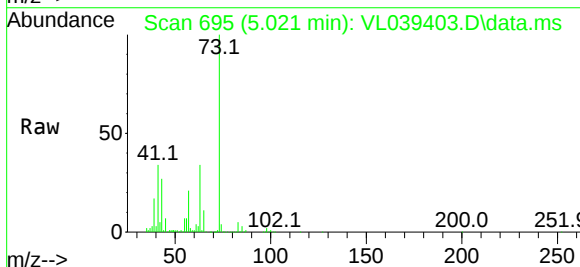
Manual Integrations
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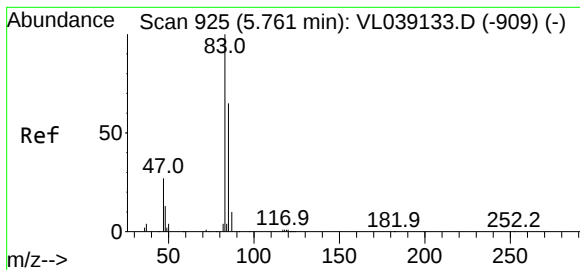
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#28
Methyl tert-Butyl Ether
Concen: 9.664 ppbv
RT: 5.021 min Scan# 695
Delta R.T. 0.003 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

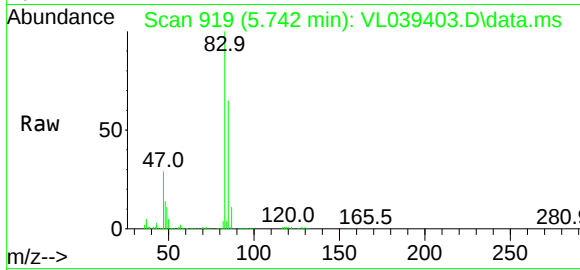
Tgt Ion: 73 Resp: 1309773
Ion Ratio Lower Upper
73 100
57 23.3 19.8 29.8





#29
Chloroform
Concen: 9.002 ppbv
RT: 5.742 min Scan# 919
Delta R.T. 0.006 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

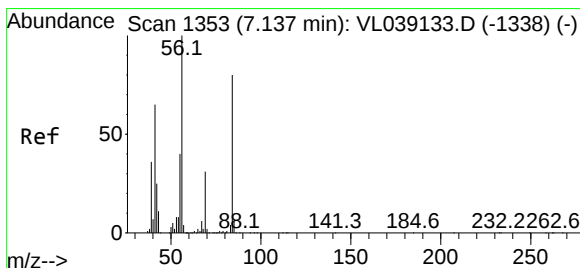
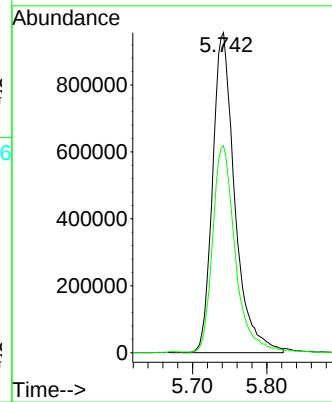
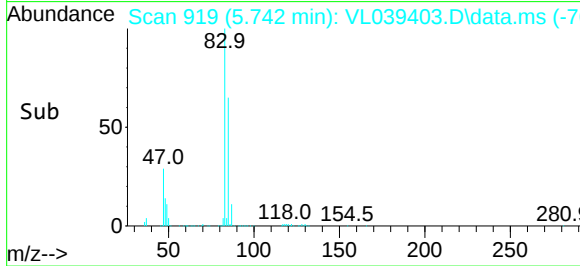
Instrument :
MSVOA_L
ClientSampleId :
VL0629ABS01



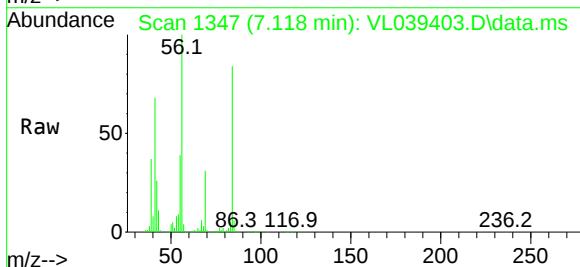
Tgt Ion: 83 Resp: 198424
Ion Ratio Lower Upper
83 100
85 64.4 52.8 79.2

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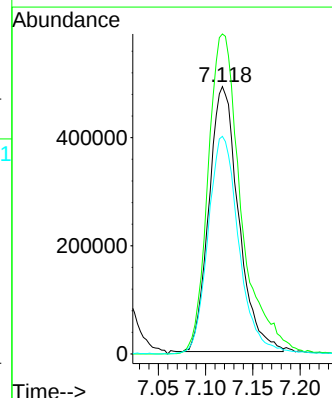
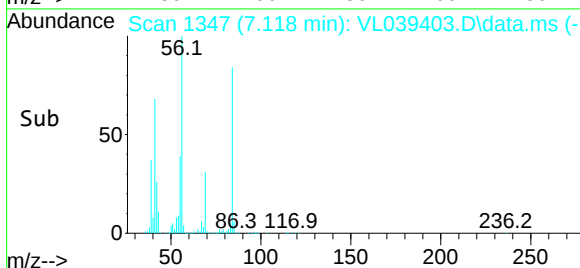
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

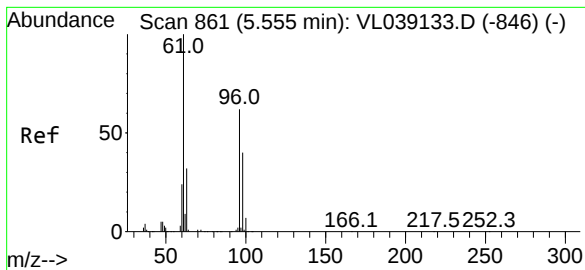


#30
Cyclohexane
Concen: 9.272 ppbv
RT: 7.118 min Scan# 1347
Delta R.T. 0.006 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36



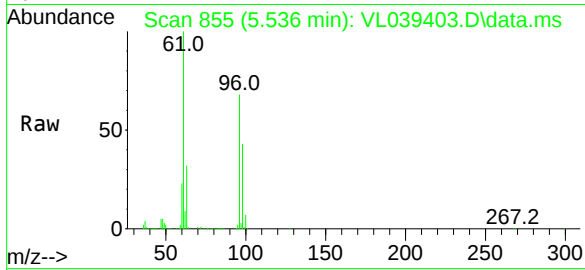
Tgt Ion: 84 Resp: 1069979
Ion Ratio Lower Upper
84 100
56 135.9 107.7 161.5
41 86.1 67.7 101.5





#31
cis-1,2-Dichloroethene
Concen: 9.203 ppbv
RT: 5.536 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

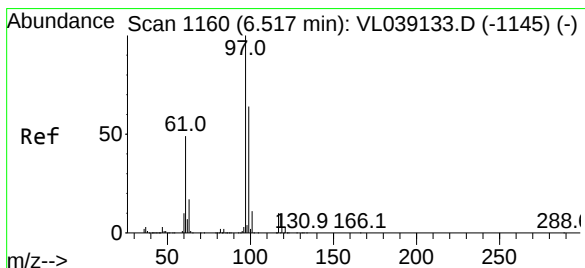
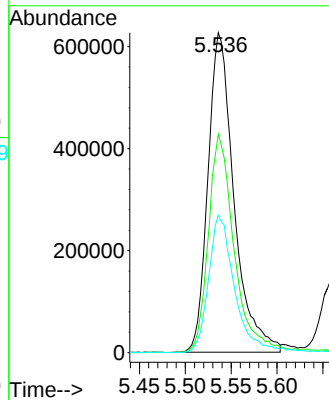
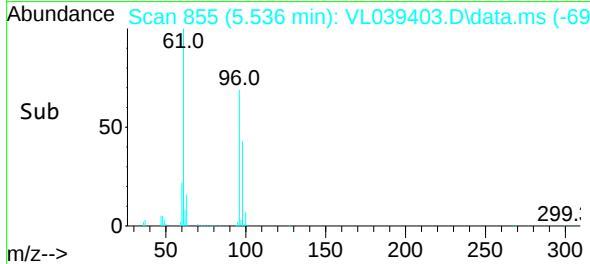
Instrument :
MSVOA_L
ClientSampleId :
VL0629ABS01



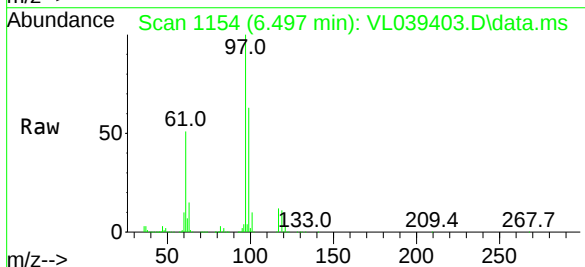
Tgt Ion: 61 Resp: 1237728
Ion Ratio Lower Upper
61 100
96 68.3 54.1 81.1
98 42.9 34.6 52.0

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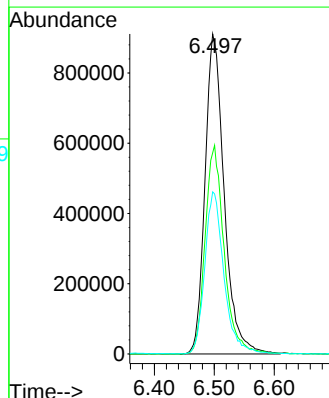
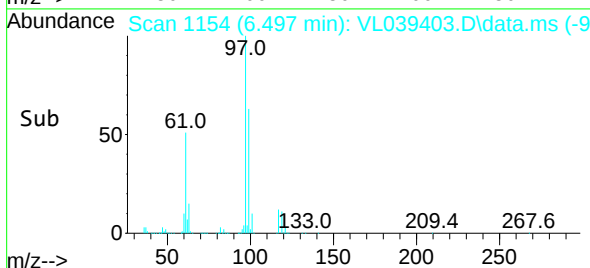
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

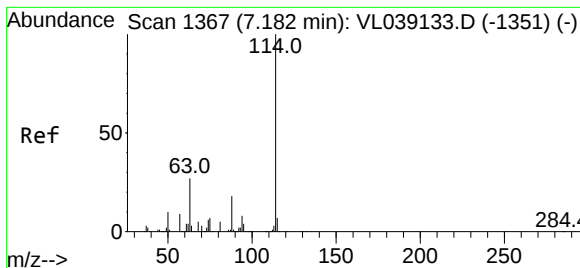


#32
1,1,1-Trichloroethane
Concen: 9.316 ppbv
RT: 6.497 min Scan# 1154
Delta R.T. 0.003 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36



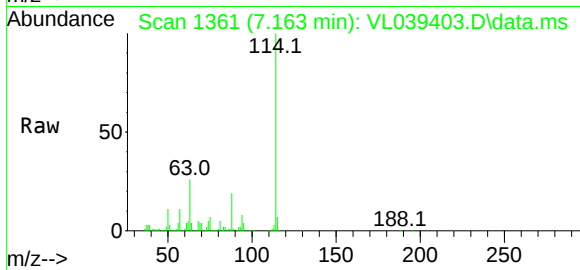
Tgt Ion: 97 Resp: 2026787
Ion Ratio Lower Upper
97 100
99 64.8 52.3 78.5
61 50.6 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.163 min Scan# 114
Delta R.T. 0.006 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

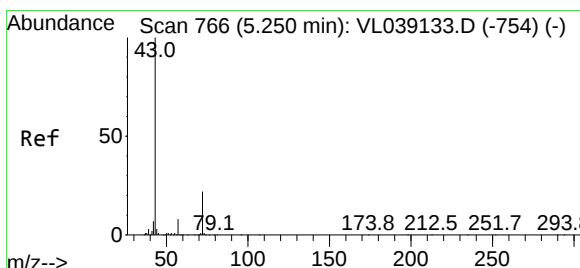
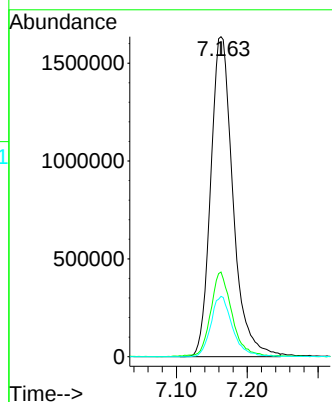
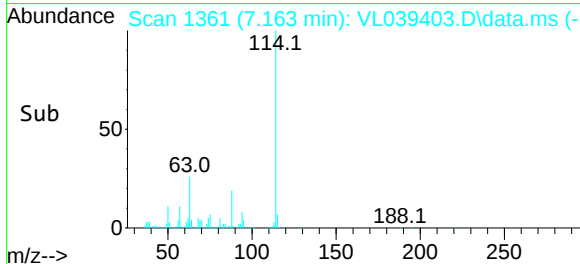
Instrument :
MSVOA_L
ClientSampleId :
VL0629ABS01



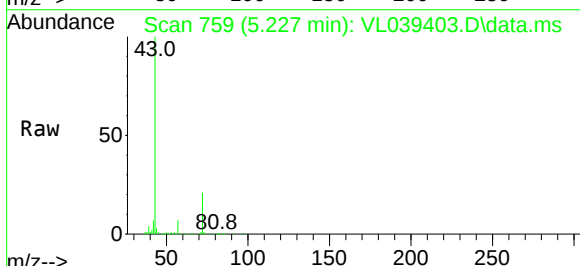
Tgt Ion:114 Resp: 356628
Ion Ratio Lower Upper
114 100
63 25.6 20.2 30.4
88 18.5 14.5 21.7

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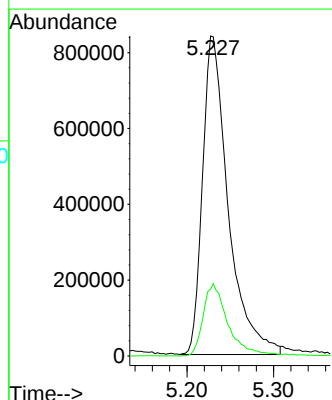
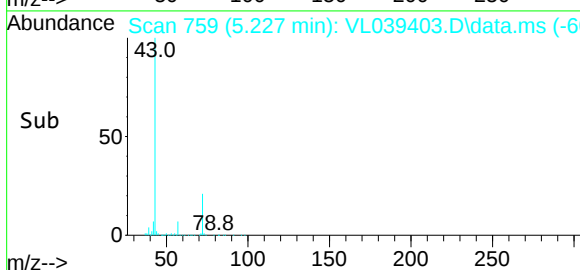
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

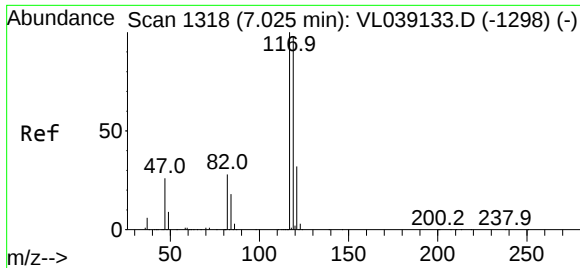


#34
2-Butanone
Concen: 9.655 ppbv
RT: 5.227 min Scan# 759
Delta R.T. 0.003 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36



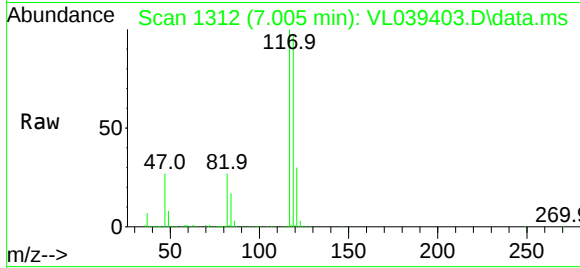
Tgt Ion: 43 Resp: 1733228
Ion Ratio Lower Upper
43 100
72 22.3 17.9 26.9





#35
Carbon Tetrachloride
Concen: 9.785 ppbv
RT: 7.005 min Scan# 11
Delta R.T. 0.006 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

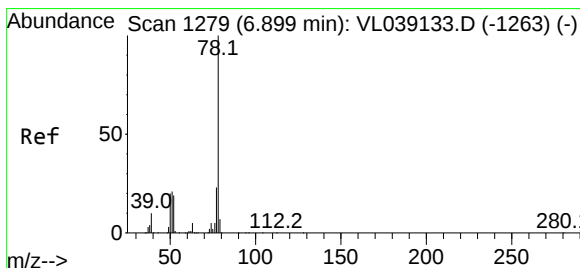
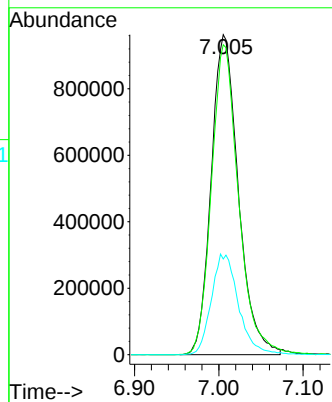
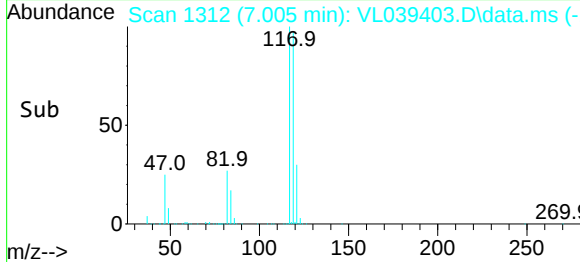
Instrument :
MSVOA_L
ClientSampleId :
VL0629ABS01



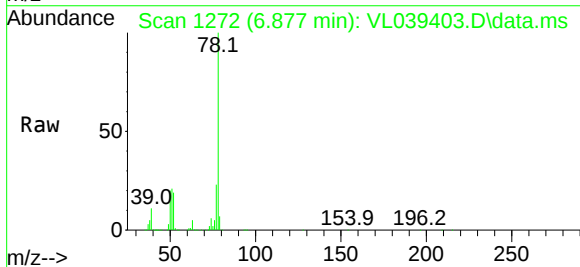
Tgt Ion:117 Resp: 215615
Ion Ratio Lower Upper
117 100
119 96.8 75.4 113.2
121 29.9 24.2 36.2

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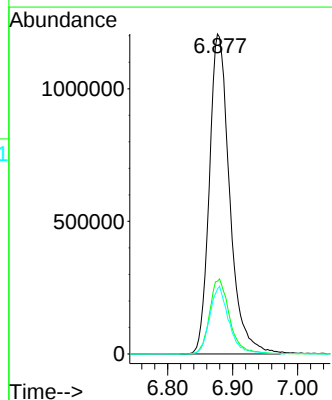
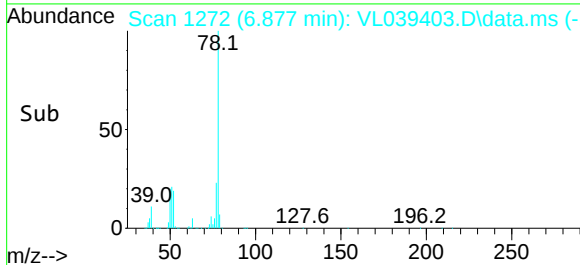
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

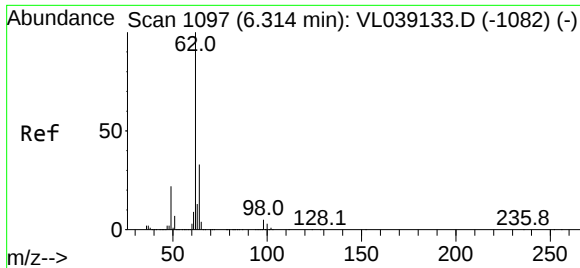


#36
Benzene
Concen: 9.501 ppbv
RT: 6.877 min Scan# 1272
Delta R.T. 0.003 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36



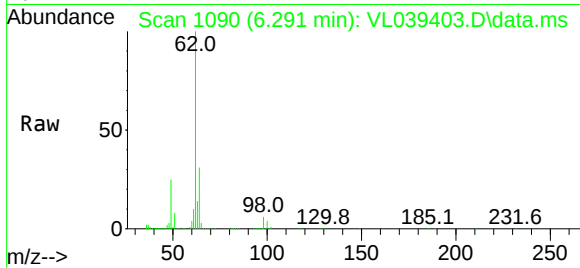
Tgt Ion: 78 Resp: 2622489
Ion Ratio Lower Upper
78 100
77 22.7 20.3 30.5
50 20.3 15.5 23.3





#37
1,2-Dichloroethane
Concen: 9.479 ppbv
RT: 6.291 min Scan# 1097
Delta R.T. 0.003 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

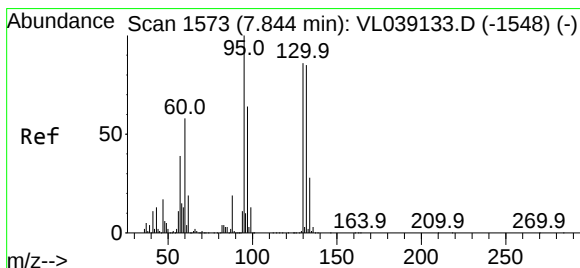
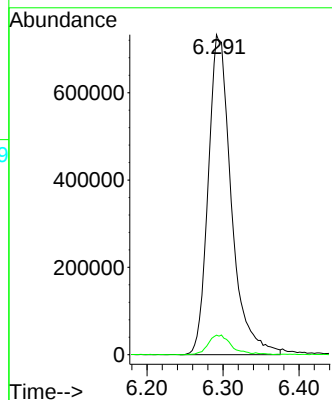
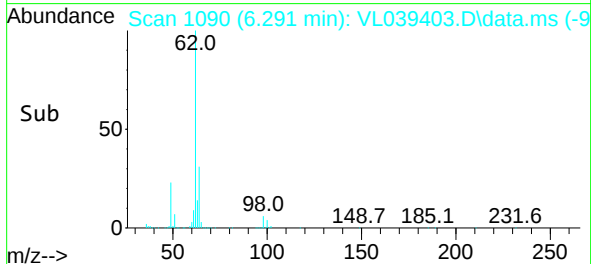
Instrument :
MSVOA_L
ClientSampleId :
VL0629ABS01



Tgt Ion: 62 Resp: 1544339
Ion Ratio Lower Upper
62 100
98 6.5 5.1 7.7

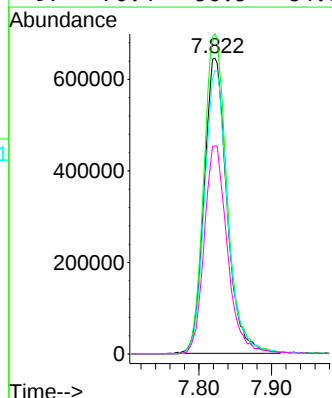
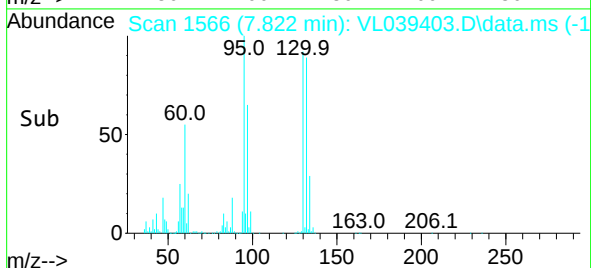
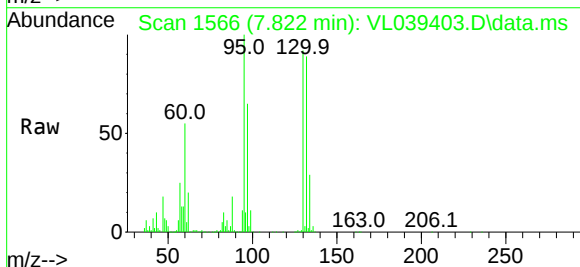
Manual Integrations
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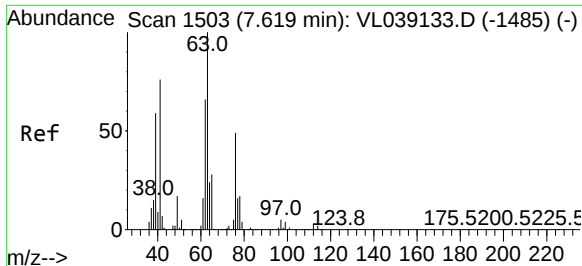
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#38
Trichloroethene
Concen: 9.427 ppbv
RT: 7.822 min Scan# 1566
Delta R.T. 0.006 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

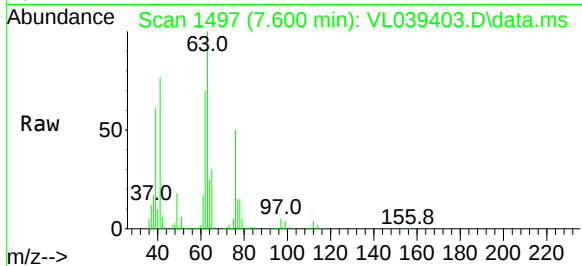
Tgt Ion:130 Resp: 1407284
Ion Ratio Lower Upper
130 100
95 108.3 87.3 130.9
132 95.9 76.7 115.1
97 70.4 56.5 84.7





#39
1,2-Dichloropropane
Concen: 9.580 ppbv
RT: 7.600 min Scan# 14
Delta R.T. 0.006 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

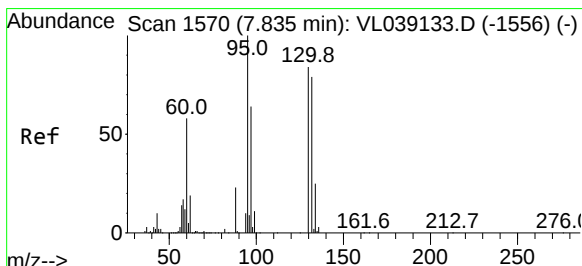
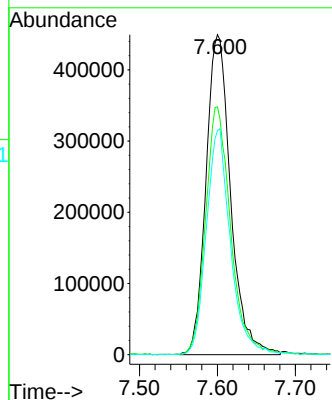
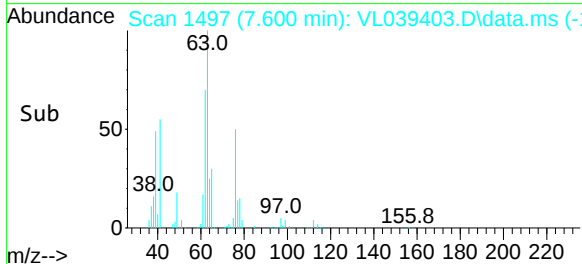
Instrument :
MSVOA_L
ClientSampleId :
VL0629ABS01



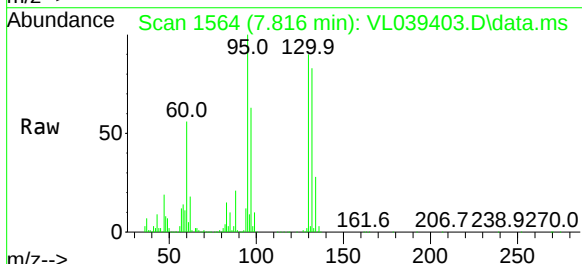
Tgt Ion: 63 Resp: 987839
Ion Ratio Lower Upper
63 100
41 77.3 59.6 89.4
62 69.8 51.4 77.0

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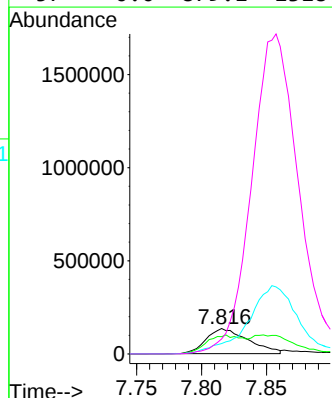
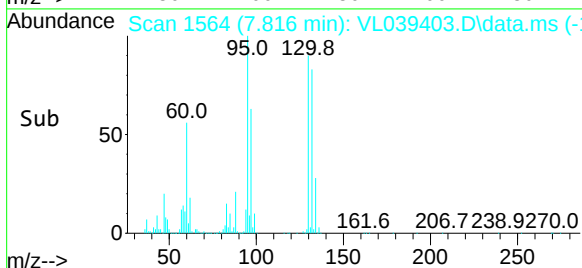
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

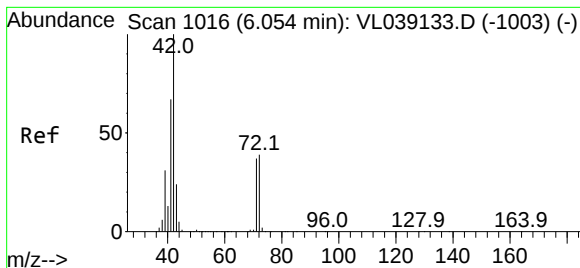


#40
1,4-Dioxane
Concen: 7.359 ppbv
RT: 7.816 min Scan# 1564
Delta R.T. 0.006 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36



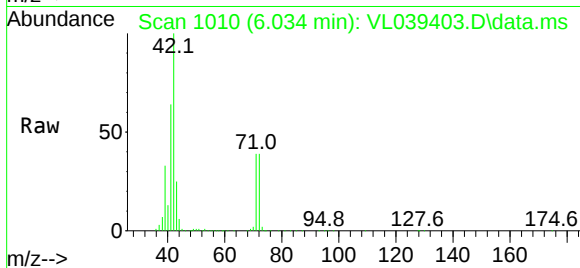
Tgt Ion: 88 Resp: 302392
Ion Ratio Lower Upper
88 100
58 71.2 100.2 150.4#
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#





#41
Tetrahydrofuran
Concen: 9.832 ppbv
RT: 6.034 min Scan# 1016
Delta R.T. 0.006 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

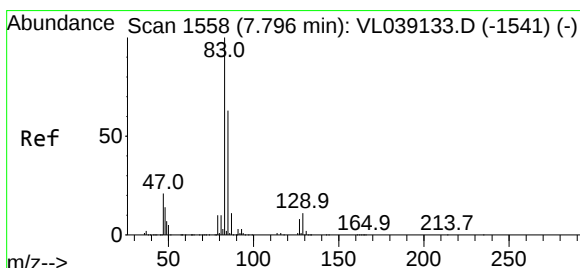
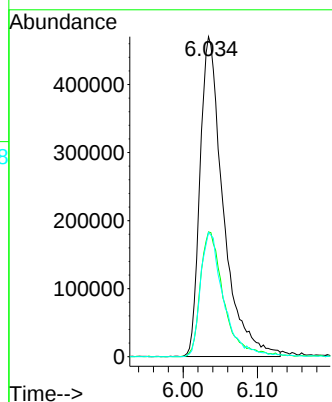
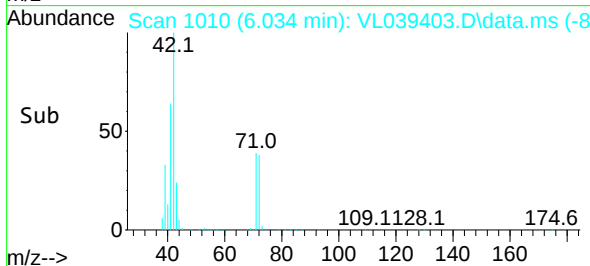
Instrument :
MSVOA_L
ClientSampleId :
VL0629ABS01



Tgt Ion: 42 Resp: 102278
Ion Ratio Lower Upper
42 100
72 40.0 31.8 47.8
71 39.1 31.8 47.8

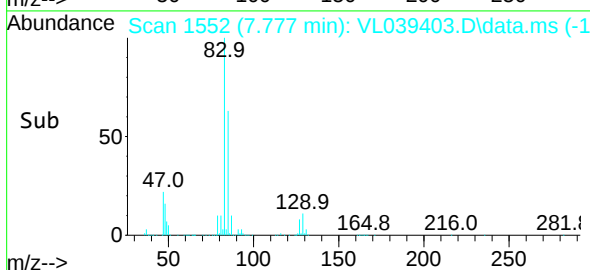
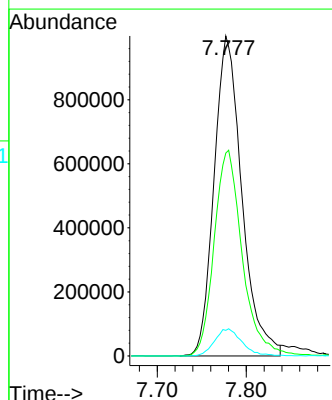
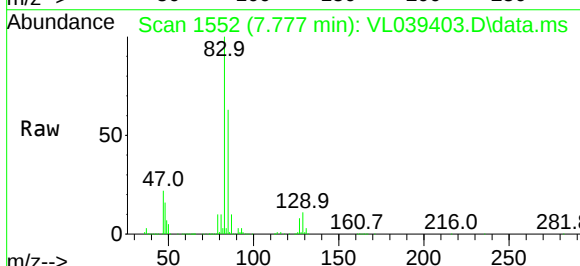
Manual Integrations
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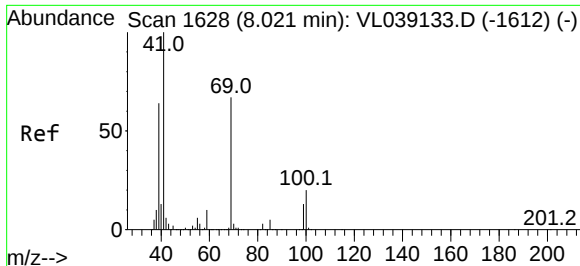
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#42
Bromodichloromethane
Concen: 9.835 ppbv
RT: 7.777 min Scan# 1552
Delta R.T. 0.006 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

Tgt Ion: 83 Resp: 2160466
Ion Ratio Lower Upper
83 100
85 63.4 50.7 76.1
127 8.0 6.6 9.8





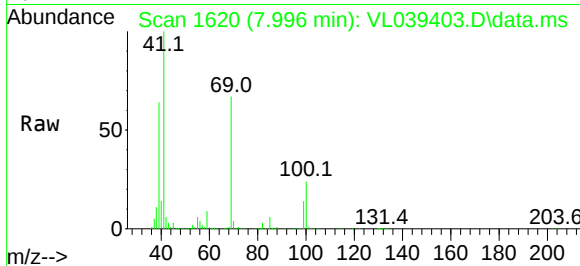
#43
Methyl Methacrylate
Concen: 10.112 ppbv
RT: 7.996 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

Instrument :

MSVOA_L

ClientSampleId :

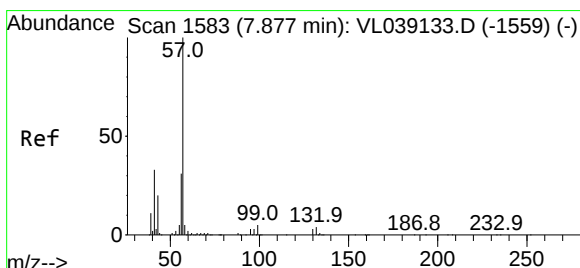
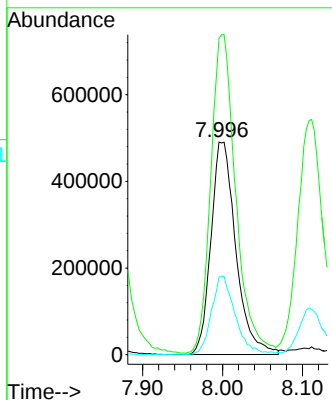
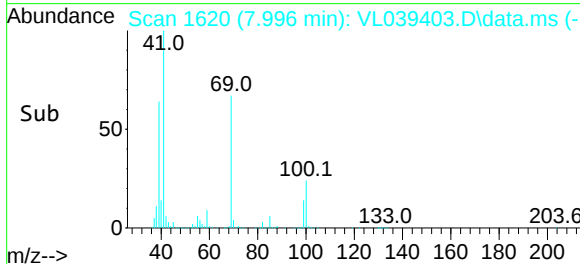
VL0629ABS01



Tgt Ion: 69 Resp: 106125
Ion Ratio Lower Upper
69 100
41 150.5 120.8 181.2
100 35.5 27.8 41.6

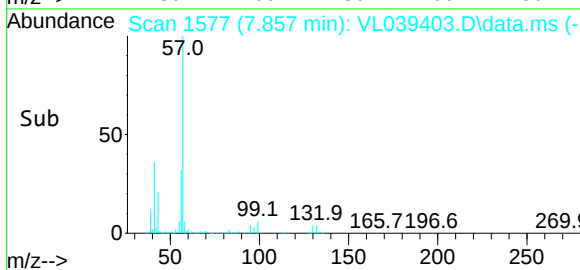
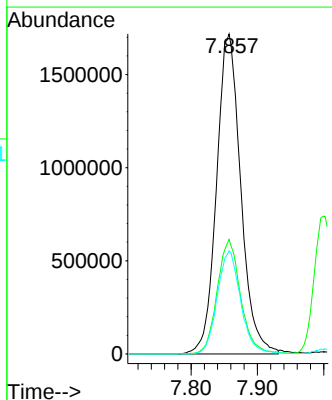
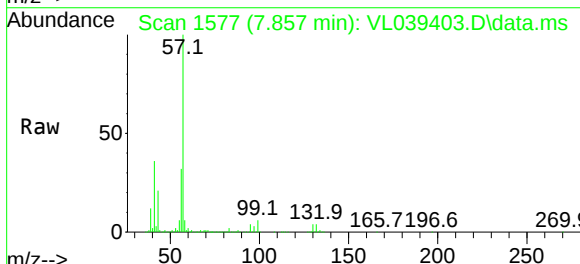
Manual Integrations
APPROVED

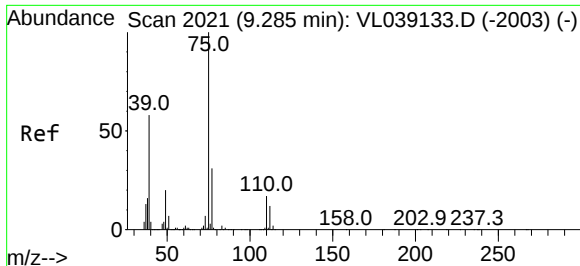
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#44
2,2,4-Trimethylpentane
Concen: 9.302 ppbv
RT: 7.857 min Scan# 1577
Delta R.T. 0.006 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

Tgt Ion: 57 Resp: 4350735
Ion Ratio Lower Upper
57 100
41 34.5 27.4 41.2
56 31.2 24.5 36.7





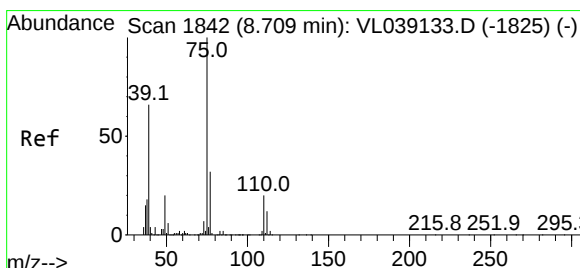
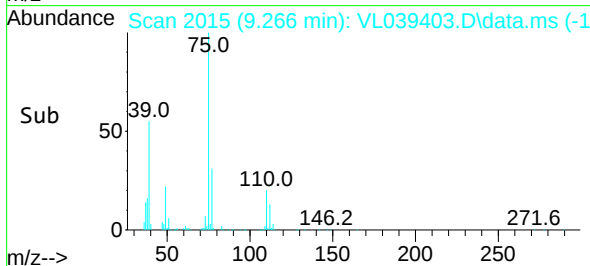
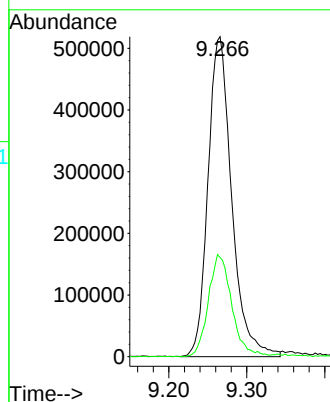
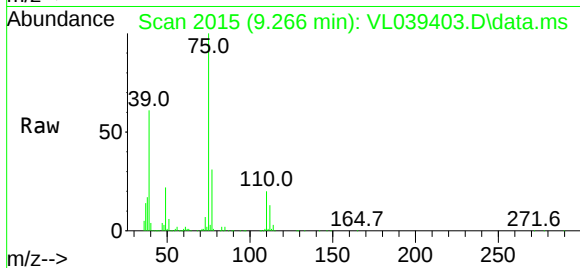
#45
t-1,3-Dichloropropene
Concen: 11.749 ppbv
RT: 9.266 min Scan# 20
Delta R.T. 0.006 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

Instrument :
MSVOA_L
ClientSampleId :
VL0629ABS01

Tgt Ion: 75 Resp: 1097889
Ion Ratio Lower Upper
75 100
77 31.0 24.6 36.8

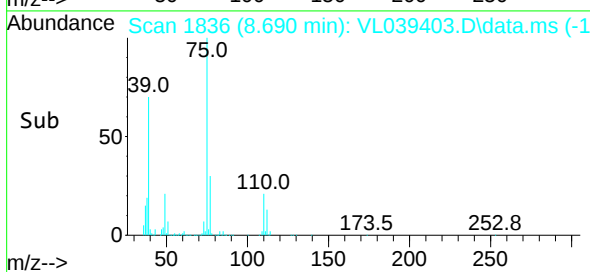
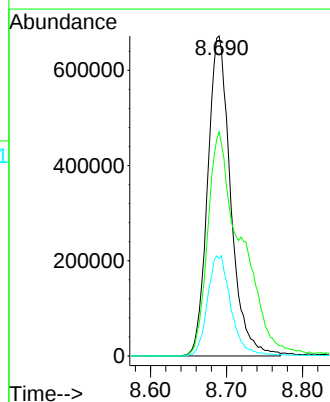
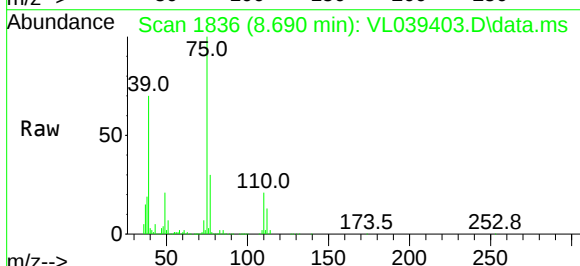
Manual Integrations
APPROVED

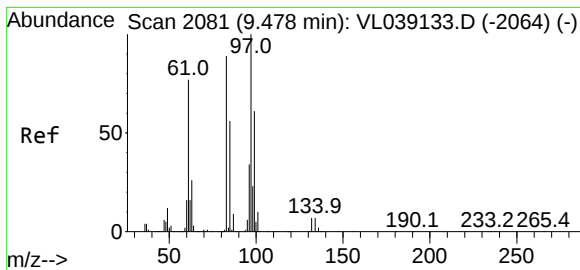
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#46
cis-1,3-Dichloropropene
Concen: 10.975 ppbv
RT: 8.690 min Scan# 1836
Delta R.T. 0.010 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

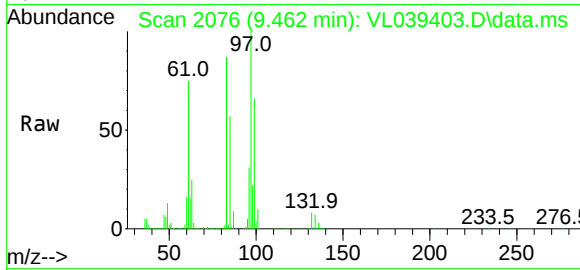
Tgt Ion: 75 Resp: 1411638
Ion Ratio Lower Upper
75 100
39 69.9 55.0 82.4
77 30.5 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 9.464 ppbv
RT: 9.462 min Scan# 2081
Delta R.T. 0.010 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

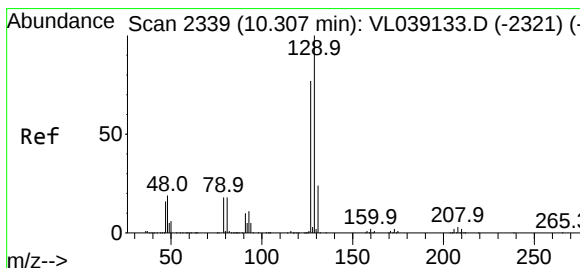
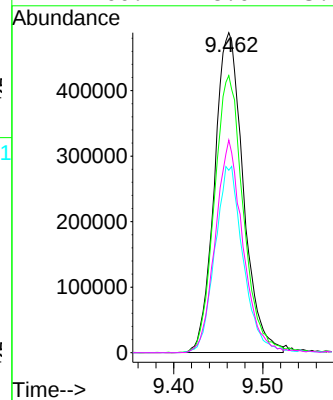
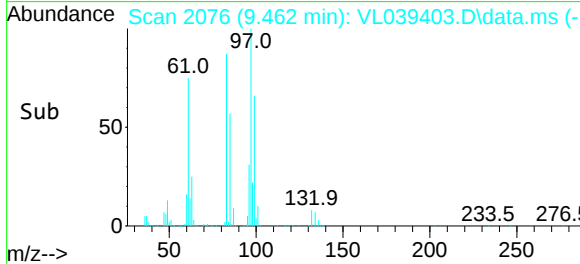
Instrument :
MSVOA_L
ClientSampleId :
VL0629ABS01



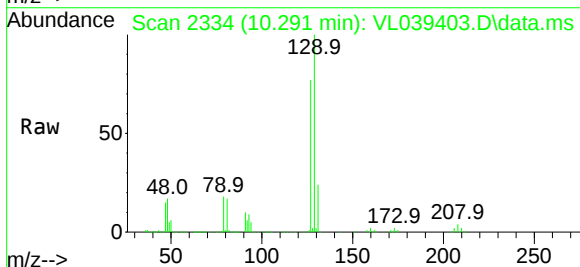
Tgt Ion: 97 Resp: 1094939
Ion Ratio Lower Upper
97 100
83 86.5 67.4 101.0
85 56.9 45.1 67.7
99 66.4 48.6 73.0

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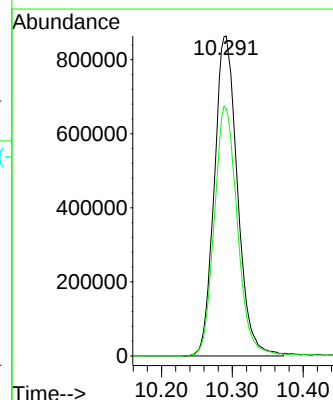
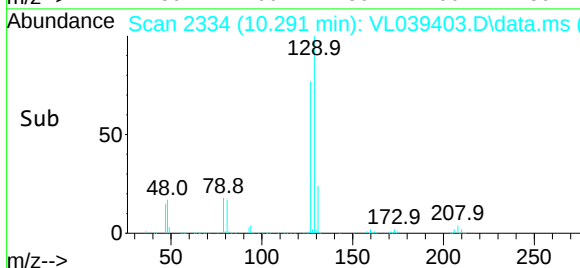
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

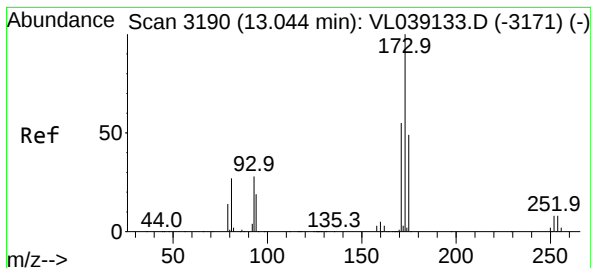


#48
Dibromochloromethane
Concen: 10.649 ppbv
RT: 10.291 min Scan# 2334
Delta R.T. 0.010 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36



Tgt Ion:129 Resp: 1958128
Ion Ratio Lower Upper
129 100
127 78.2 39.3 117.9





#49

Bromoform

Concen: 11.024 ppbv

RT: 13.028 min Scan# 3190

Delta R.T. 0.013 min

Lab File: VL039403.D

Acq: 29 Jun 2022 19:36

Instrument :

MSVOA_L

ClientSampleId :

VL0629ABS01

Tgt Ion:173 Resp: 163536

Ion Ratio Lower Upper

173 100

175 49.6 40.3 60.5

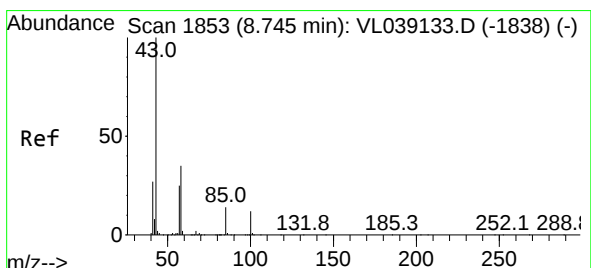
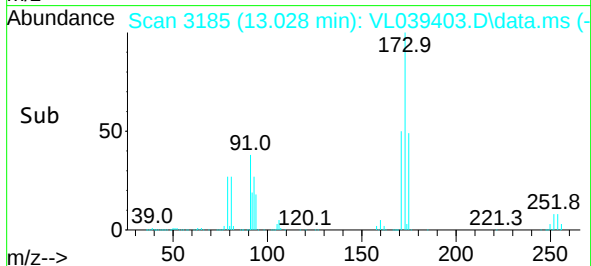
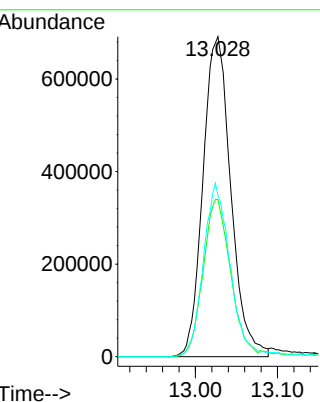
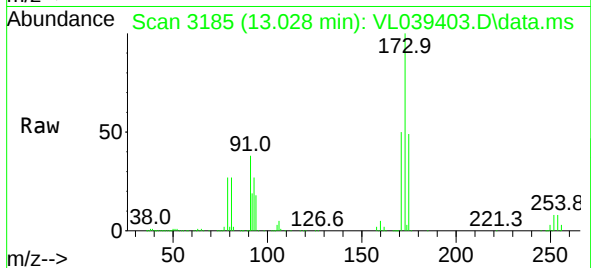
171 53.3 42.9 64.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#50

4-Methyl-2-Pentanone

Concen: 10.158 ppbv

RT: 8.725 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VL039403.D

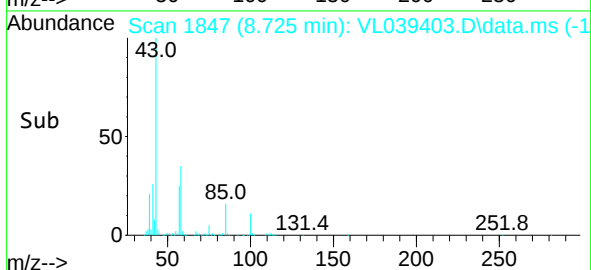
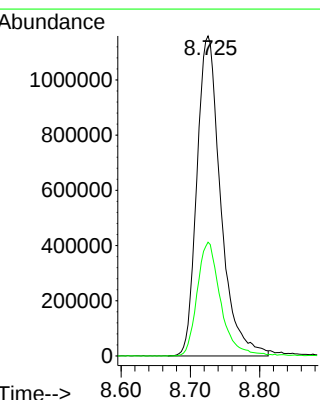
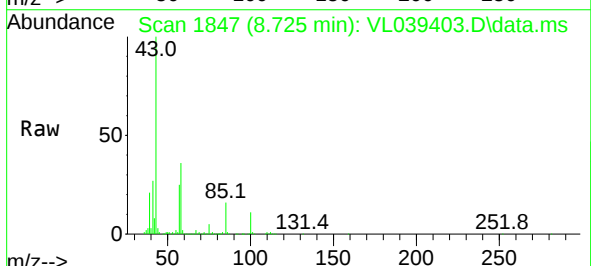
Acq: 29 Jun 2022 19:36

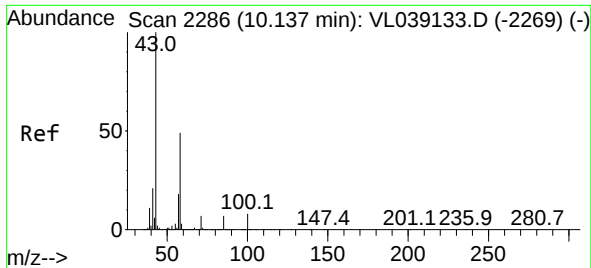
Tgt Ion: 43 Resp: 2757305

Ion Ratio Lower Upper

43 100

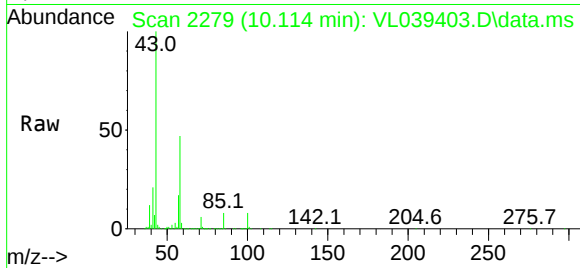
58 35.4 28.8 43.2





#51
2-Hexanone
Concen: 10.416 ppbv
RT: 10.114 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

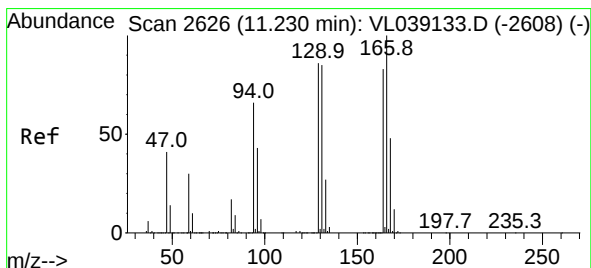
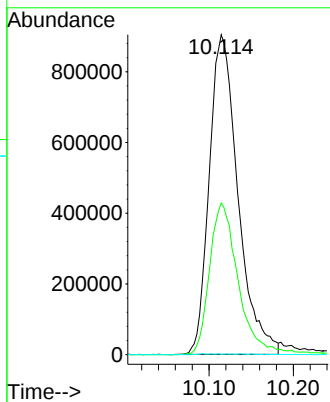
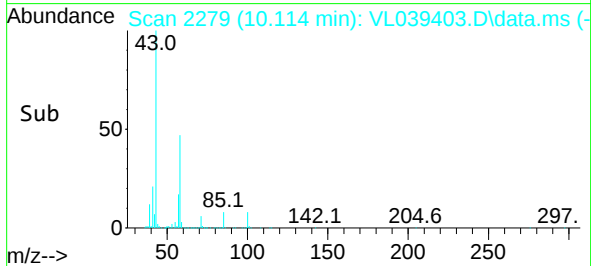
Instrument :
MSVOA_L
ClientSampleId :
VL0629ABS01



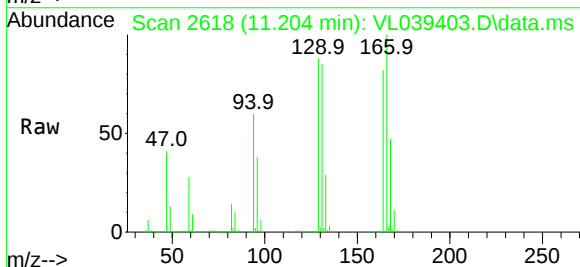
Tgt Ion: 43 Resp: 213866
Ion Ratio Lower Upper
43 100
58 48.1 38.4 57.6
98 0.4 0.3 0.5

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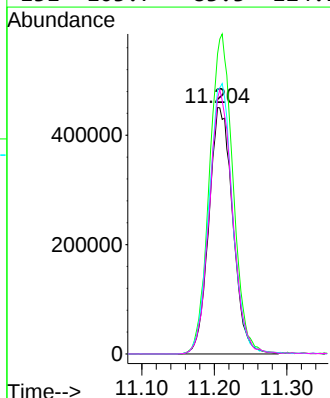
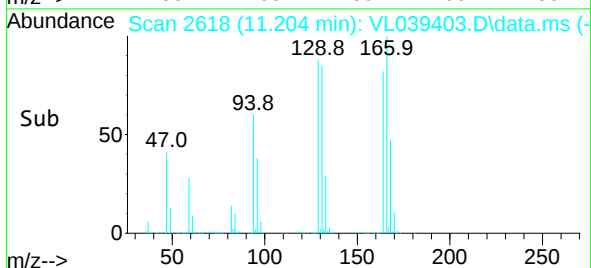
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

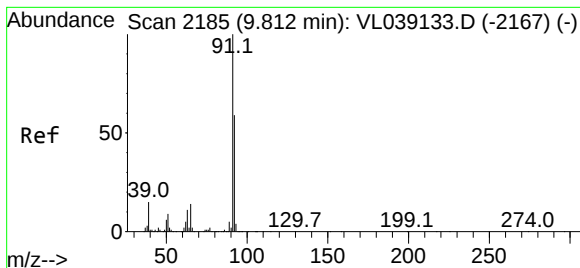


#52
Tetrachloroethene
Concen: 9.233 ppbv
RT: 11.204 min Scan# 2618
Delta R.T. 0.006 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36



Tgt Ion:164 Resp: 1025905
Ion Ratio Lower Upper
164 100
166 121.8 102.2 153.2
129 107.2 85.8 128.8
131 103.7 83.3 124.9





#53

Toluene

Concen: 9.948 ppbv

RT: 9.790 min Scan# 2185

Delta R.T. 0.006 min

Lab File: VL039403.D

Acq: 29 Jun 2022 19:36

Instrument :

MSVOA_L

ClientSampleId :

VL0629ABS01

Tgt Ion: 91 Resp: 3167300

Ion Ratio Lower Upper

91 100

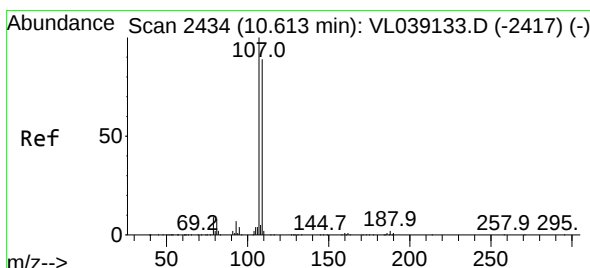
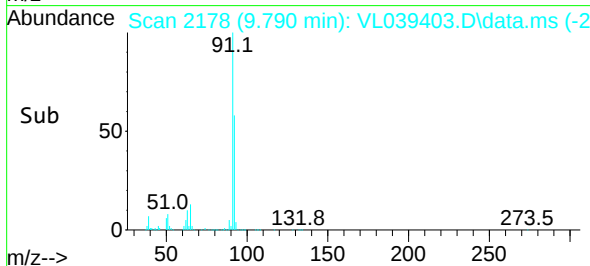
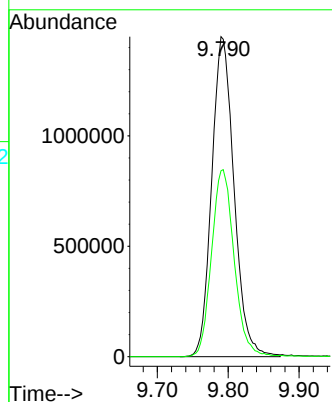
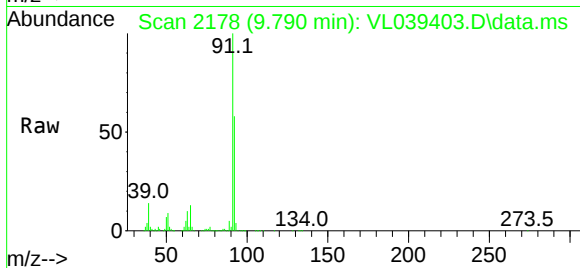
92 59.5 48.2 72.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#54

1,2-Dibromoethane

Concen: 10.090 ppbv

RT: 10.597 min Scan# 2429

Delta R.T. 0.010 min

Lab File: VL039403.D

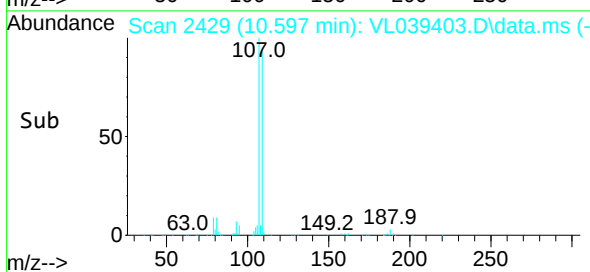
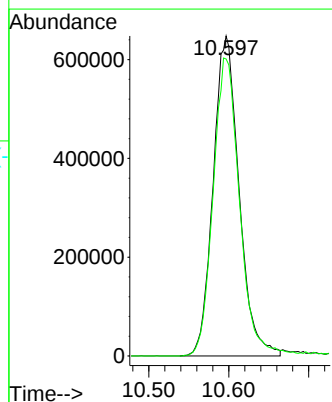
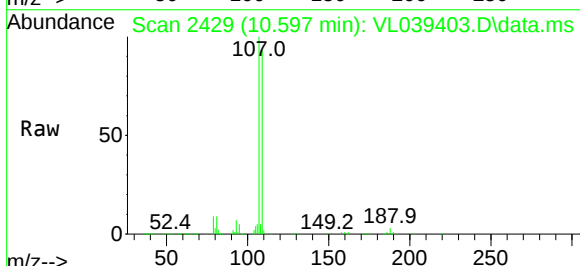
Acq: 29 Jun 2022 19:36

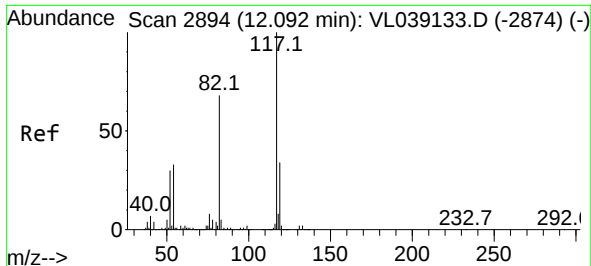
Tgt Ion:107 Resp: 1452641

Ion Ratio Lower Upper

107 100

109 92.8 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.073 min Scan# 2888

Delta R.T. 0.006 min

Lab File: VL039403.D

Acq: 29 Jun 2022 19:36

Instrument :

MSVOA_L

ClientSampleId :

VL0629ABS01

Tgt Ion:117 Resp: 336002

Ion Ratio Lower Upper

117 100

82 65.0 50.8 76.2

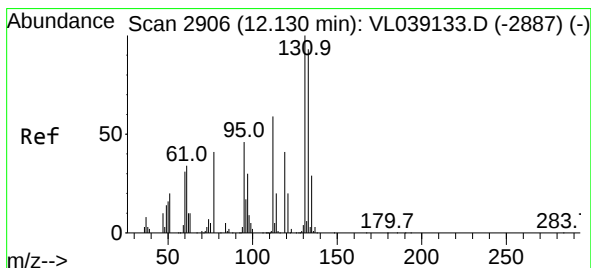
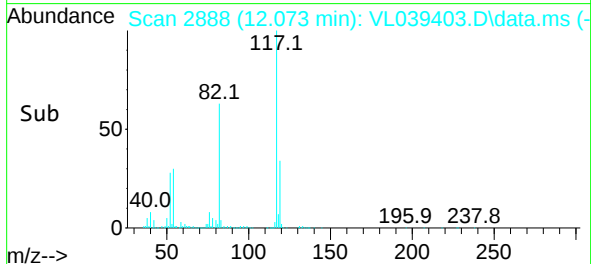
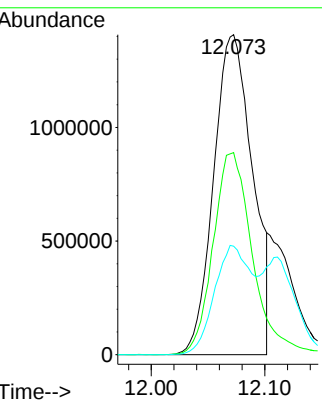
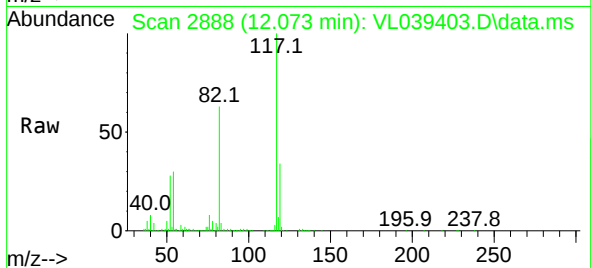
119 29.7 24.1 36.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 9.574 ppbv

RT: 12.111 min Scan# 2900

Delta R.T. 0.006 min

Lab File: VL039403.D

Acq: 29 Jun 2022 19:36

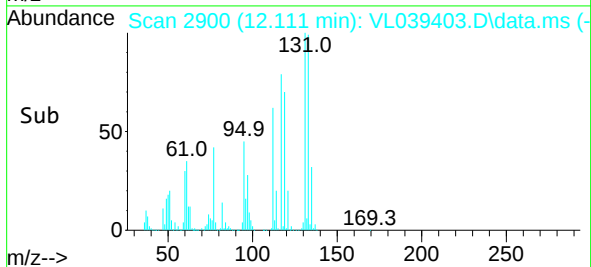
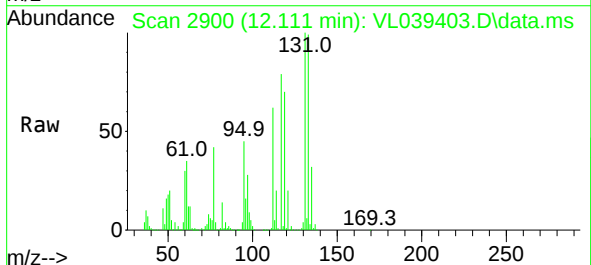
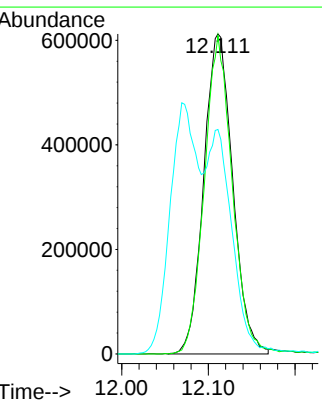
Tgt Ion:131 Resp: 1421065

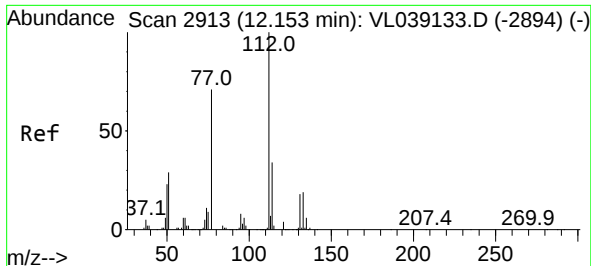
Ion Ratio Lower Upper

131 100

133 96.9 76.8 115.2

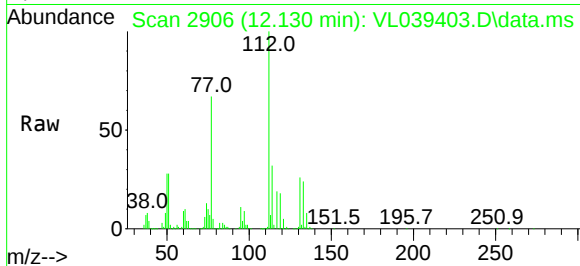
119 65.8 46.2 69.4





#57
Chlorobenzene
Concen: 9.375 ppbv
RT: 12.130 min Scan# 2913
Delta R.T. 0.010 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

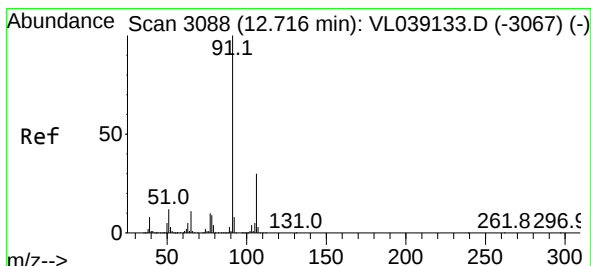
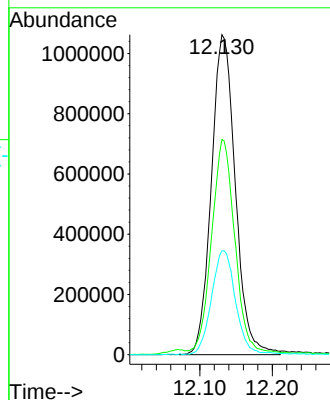
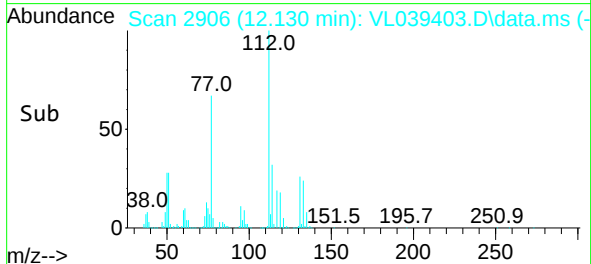
Instrument :
MSVOA_L
ClientSampleId :
VL0629ABS01



Tgt Ion:112 Resp: 2442108
Ion Ratio Lower Upper
112 100
77 66.5 51.0 76.4
114 32.1 27.5 33.6

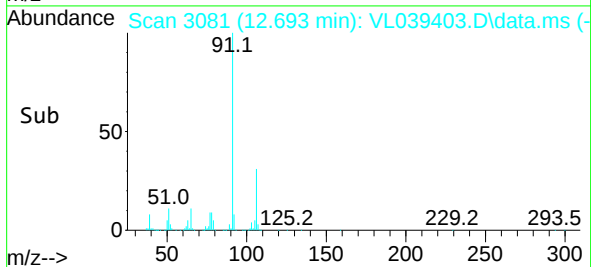
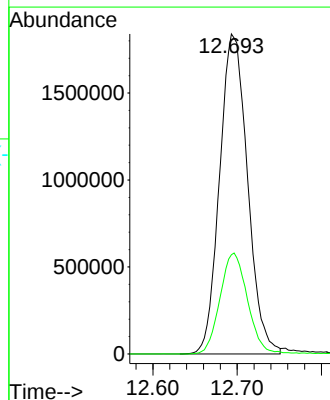
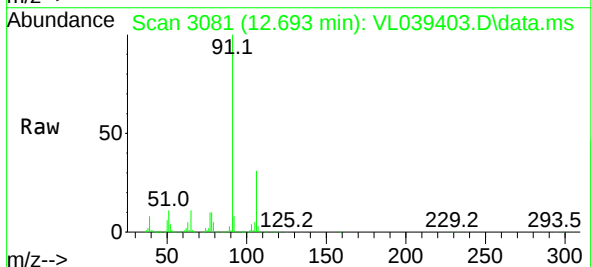
Manual Integrations
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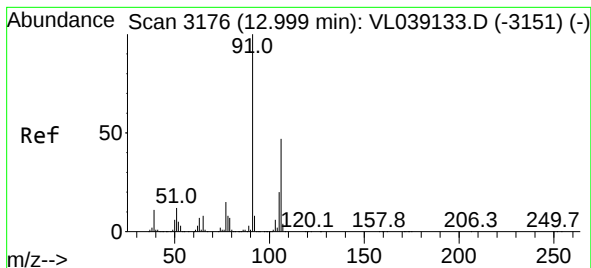
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#58
Ethyl Benzene
Concen: 9.755 ppbv
RT: 12.693 min Scan# 3081
Delta R.T. 0.006 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

Tgt Ion: 91 Resp: 4232284
Ion Ratio Lower Upper
91 100
106 31.0 25.4 38.0





#59

m/p-Xylene

Concen: 19.186 ppbv

RT: 12.982 min Scan# 3171

Delta R.T. 0.010 min

Lab File: VL039403.D

Acq: 29 Jun 2022 19:36

Instrument :

MSVOA_L

ClientSampleId :

VL0629ABS01

Tgt Ion: 91 Resp: 733878

Ion Ratio Lower Upper

91 100

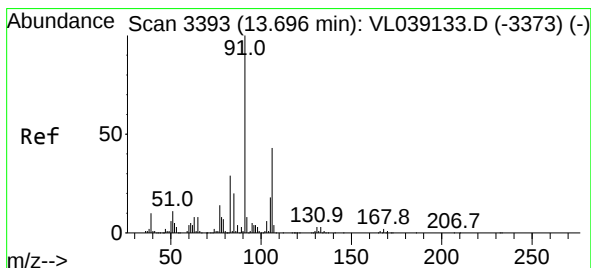
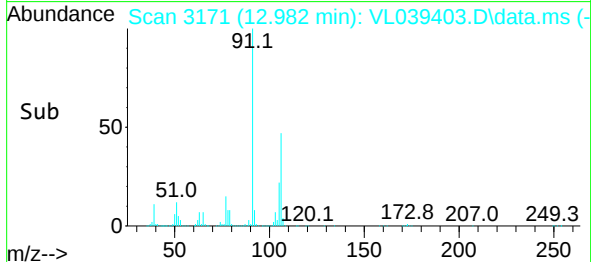
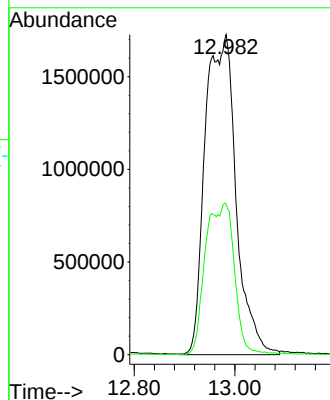
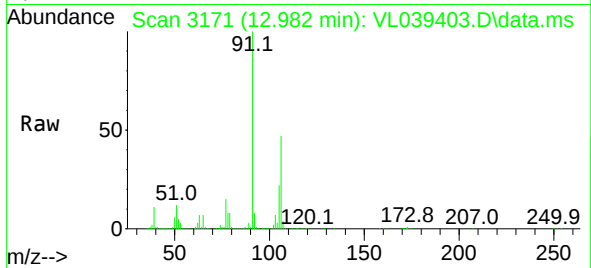
106 44.7 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#60

o-Xylene

Concen: 9.746 ppbv

RT: 13.677 min Scan# 3387

Delta R.T. 0.010 min

Lab File: VL039403.D

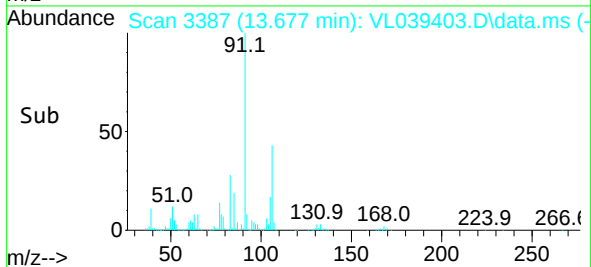
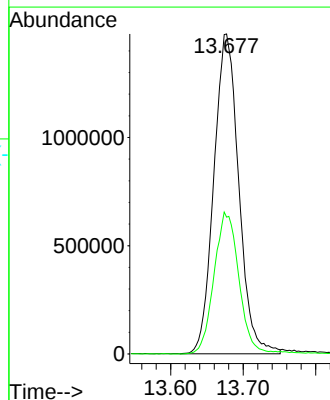
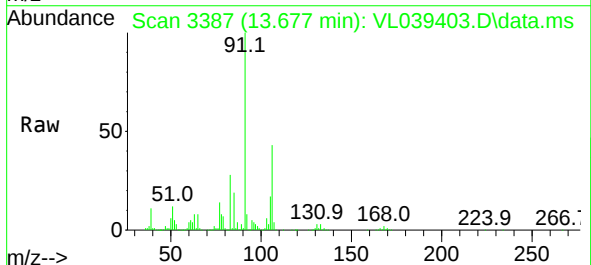
Acq: 29 Jun 2022 19:36

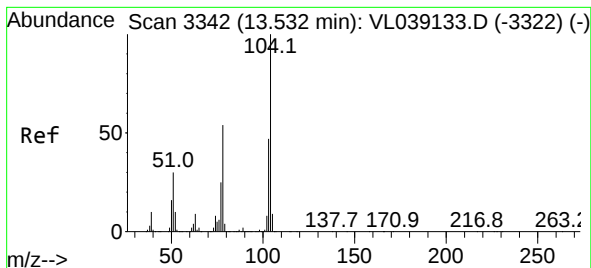
Tgt Ion: 91 Resp: 3529932

Ion Ratio Lower Upper

91 100

106 44.9 22.4 67.3





#61

Styrene

Concen: 10.622 ppbv

RT: 13.513 min Scan# 31

Delta R.T. 0.010 min

Lab File: VL039403.D

Acq: 29 Jun 2022 19:36

Instrument :

MSVOA_L

ClientSampleId :

VL0629ABS01

Tgt Ion:104 Resp: 208401

Ion Ratio Lower Upper

104 100

78 52.3 41.2 61.8

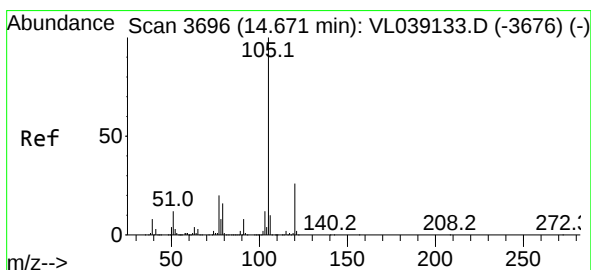
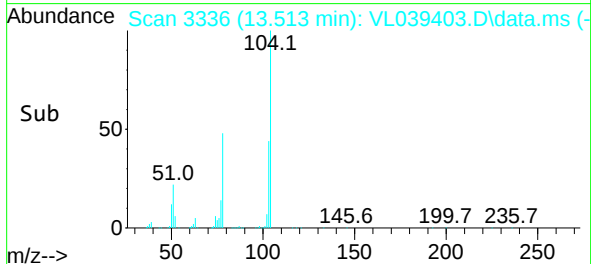
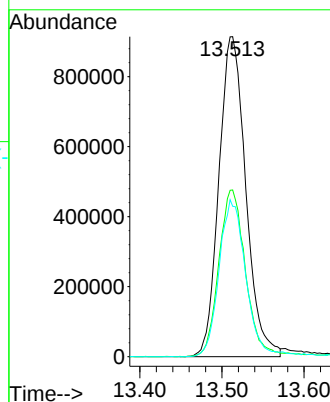
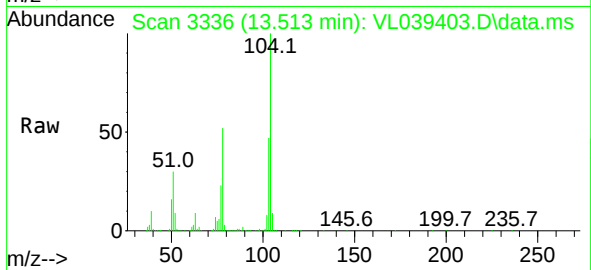
103 49.2 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#62

Isopropylbenzene

Concen: 9.428 ppbv

RT: 14.651 min Scan# 3690

Delta R.T. 0.006 min

Lab File: VL039403.D

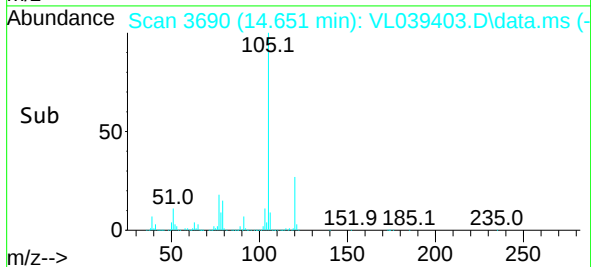
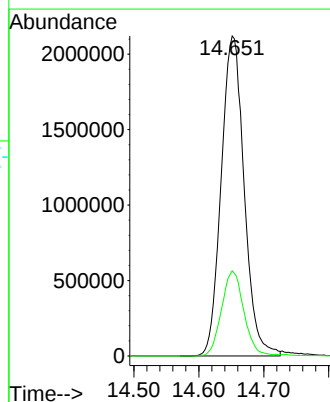
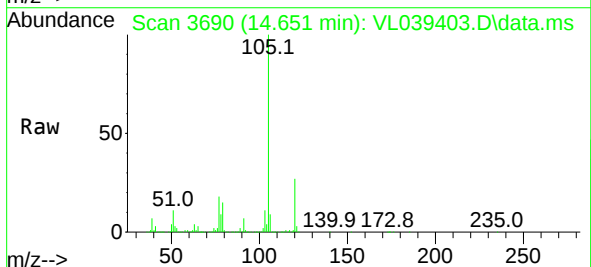
Acq: 29 Jun 2022 19:36

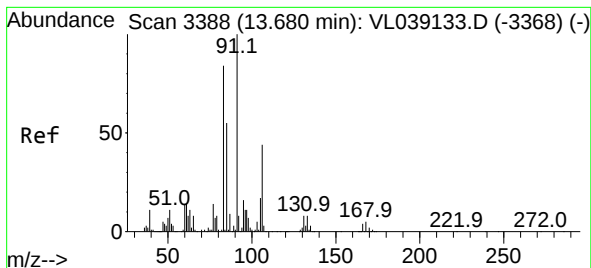
Tgt Ion:105 Resp: 5200500

Ion Ratio Lower Upper

105 100

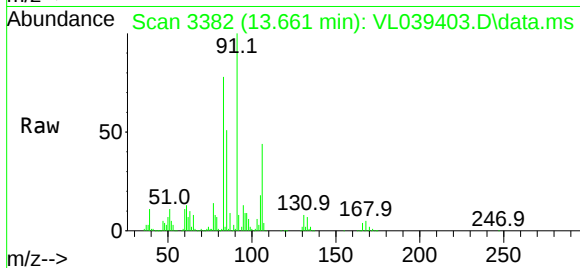
120 26.1 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 8.881 ppbv
RT: 13.661 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

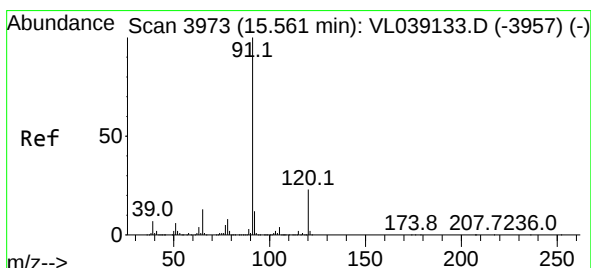
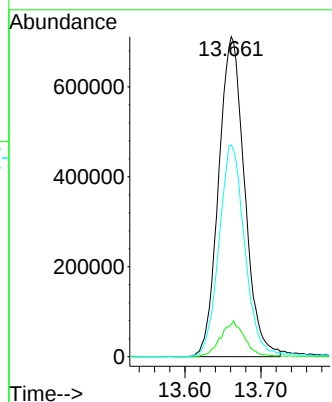
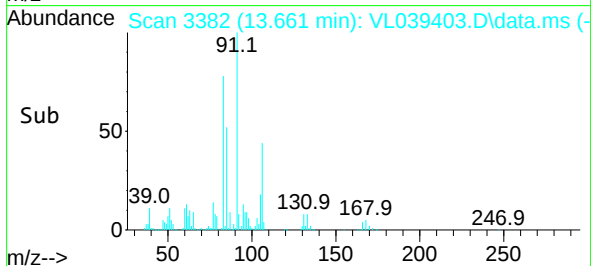
Instrument :
MSVOA_L
ClientSampleId :
VL0629ABS01



Tgt Ion: 83 Resp: 168600
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.8
85 66.2 33.1 99.5

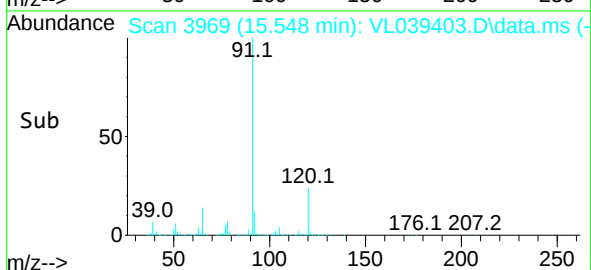
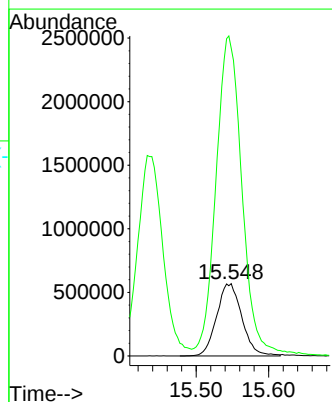
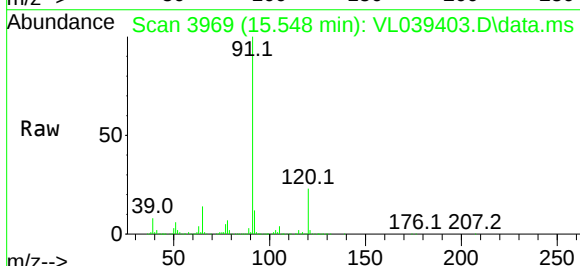
Manual Integrations
APPROVED

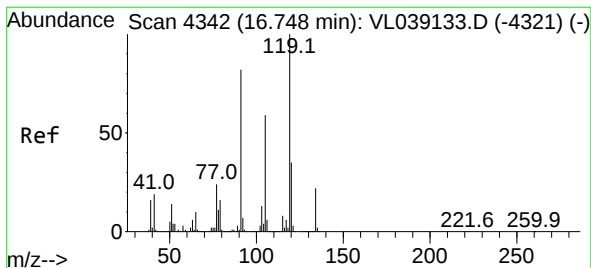
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#64
n-propylbenzene
Concen: 9.822 ppbv
RT: 15.548 min Scan# 3969
Delta R.T. 0.010 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

Tgt Ion:120 Resp: 1373095
Ion Ratio Lower Upper
120 100
91 458.9 367.2 550.8





#65

tert-Butylbenzene

Concen: 9.345 ppbv

RT: 16.732 min Scan# 41

Delta R.T. 0.013 min

Lab File: VL039403.D

Acq: 29 Jun 2022 19:36

Instrument :

MSVOA_L

ClientSampleId :

VL0629ABS01

Tgt Ion:119 Resp: 4763110

Ion Ratio Lower Upper

119 100

91 79.6 63.4 95.2

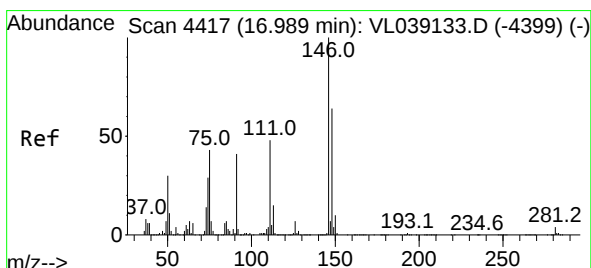
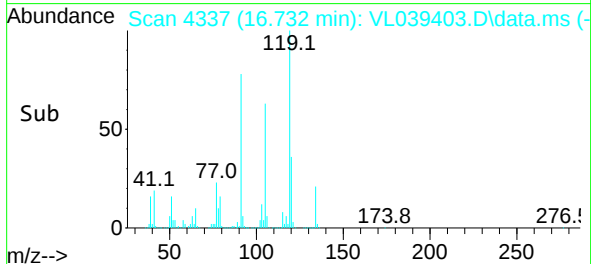
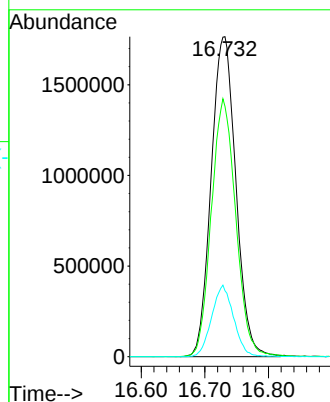
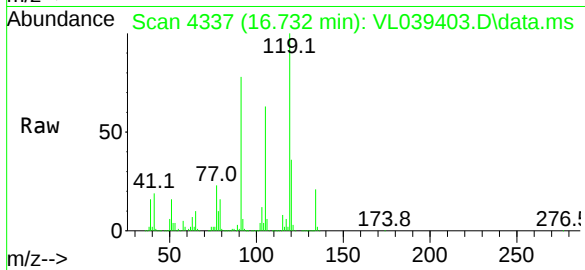
134 19.9 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#66

Benzyl Chloride

Concen: 11.043 ppbv

RT: 16.969 min Scan# 4411

Delta R.T. 0.006 min

Lab File: VL039403.D

Acq: 29 Jun 2022 19:36

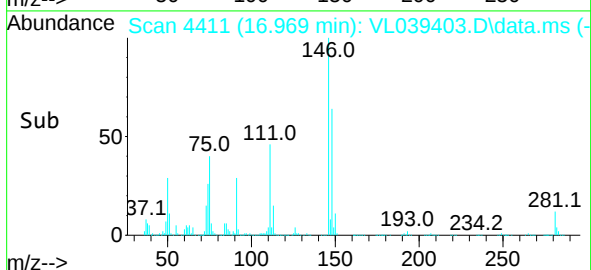
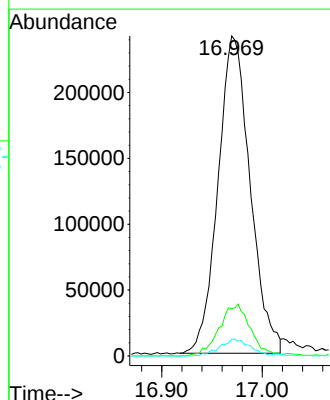
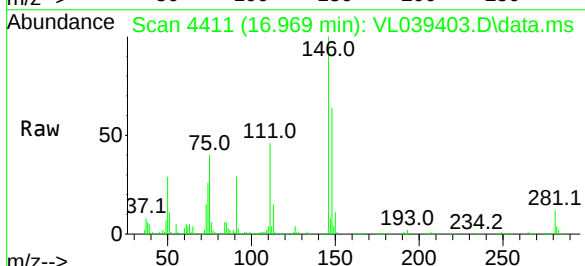
Tgt Ion: 91 Resp: 534860

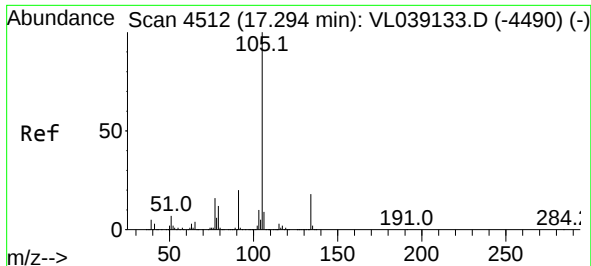
Ion Ratio Lower Upper

91 100

126 16.3 13.1 19.7

128 5.3 4.4 6.6





#67

sec-Butylbenzene

Concen: 9.502 ppbv

RT: 17.278 min Scan# 4512

Delta R.T. 0.010 min

Lab File: VL039403.D

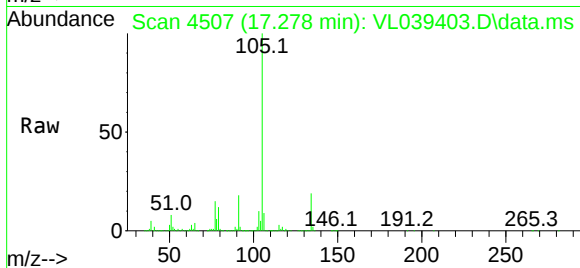
Acq: 29 Jun 2022 19:36

Instrument :

MSVOA_L

ClientSampleId :

VL0629ABS01



Tgt Ion:105 Resp: 652312

Ion Ratio Lower Upper

105 100

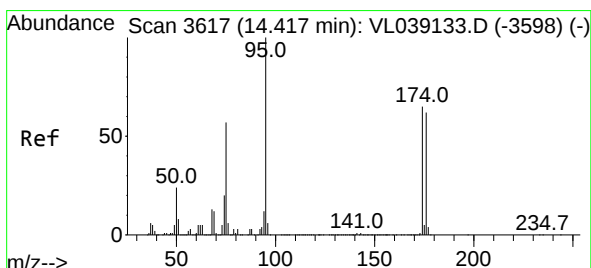
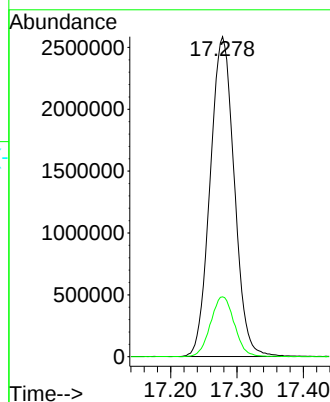
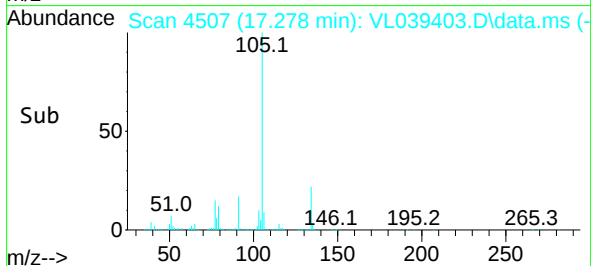
134 18.5 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.350 ppbv

RT: 14.397 min Scan# 3611

Delta R.T. 0.006 min

Lab File: VL039403.D

Acq: 29 Jun 2022 19:36

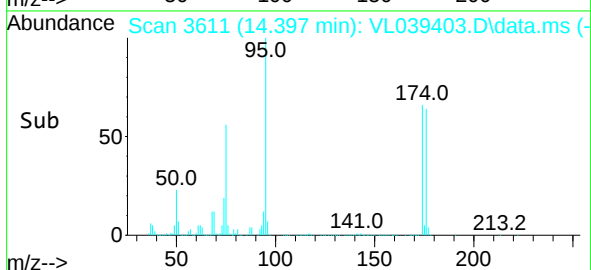
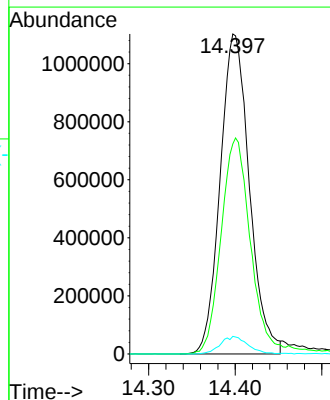
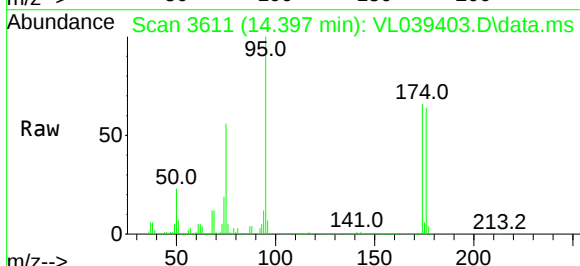
Tgt Ion: 95 Resp: 2579994

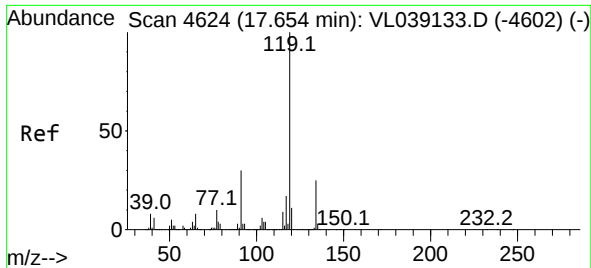
Ion Ratio Lower Upper

95 100

174 70.1 55.9 83.9

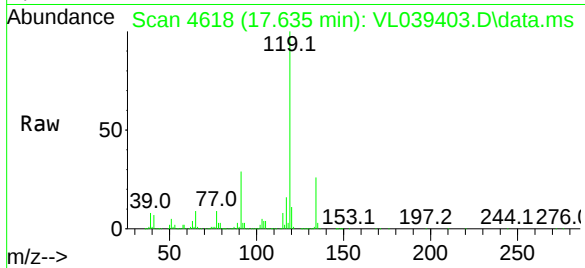
175 5.2 4.2 6.4





#69
p-Isopropyltoluene
Concen: 9.645 ppbv
RT: 17.635 min Scan# 4618
Delta R.T. 0.010 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

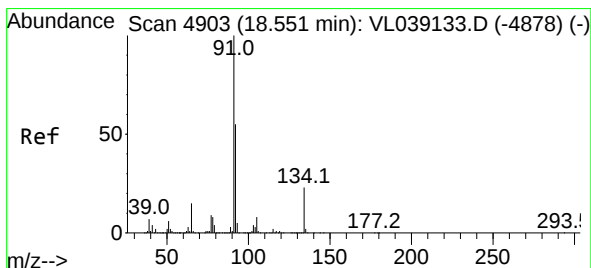
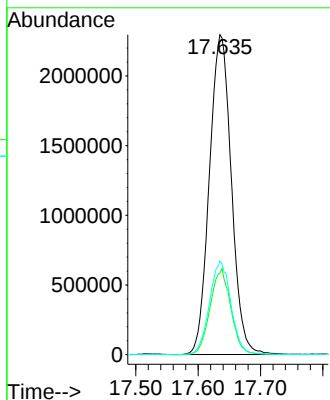
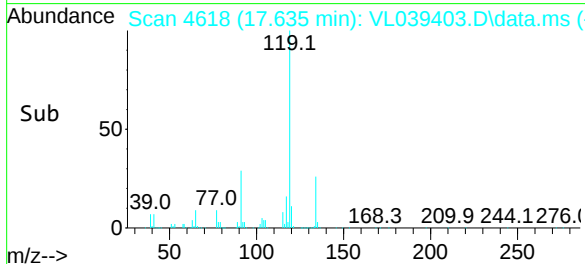
Instrument :
MSVOA_L
ClientSampleId :
VL0629ABS01



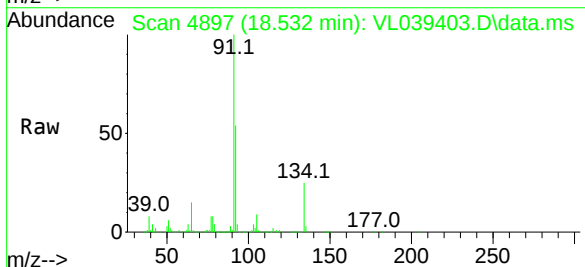
Tgt Ion: 119 Resp: 5618090
Ion Ratio Lower Upper
119 100
134 25.4 20.3 30.5
91 28.7 22.9 34.3

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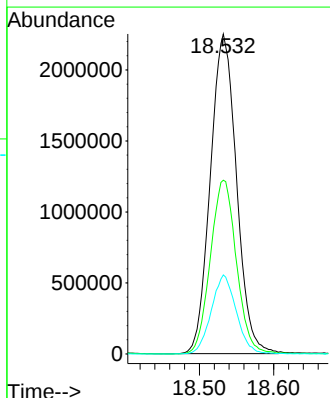
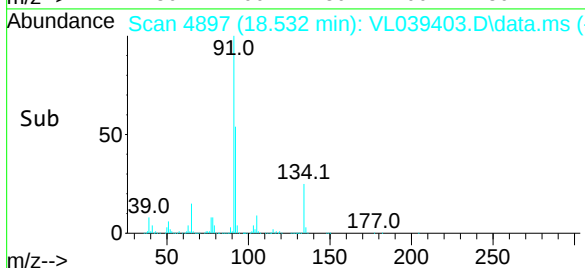
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

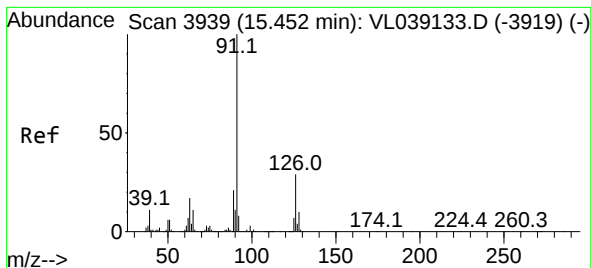


#70
n-Butylbenzene
Concen: 9.760 ppbv
RT: 18.532 min Scan# 4897
Delta R.T. 0.010 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36



Tgt Ion: 91 Resp: 5517914
Ion Ratio Lower Upper
91 100
92 54.4 43.4 65.2
134 23.8 18.9 28.3





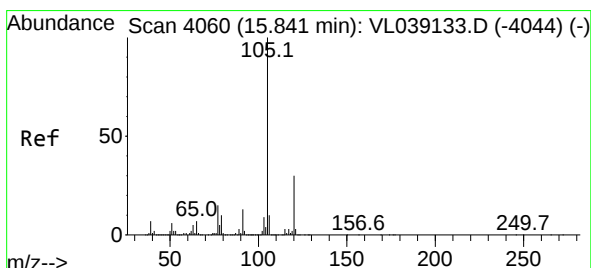
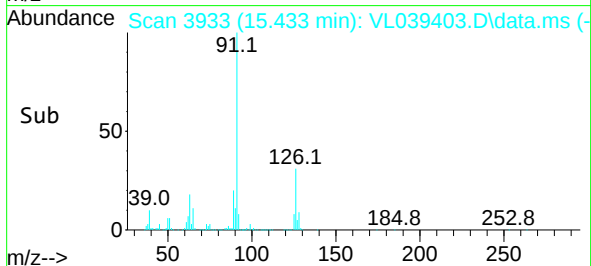
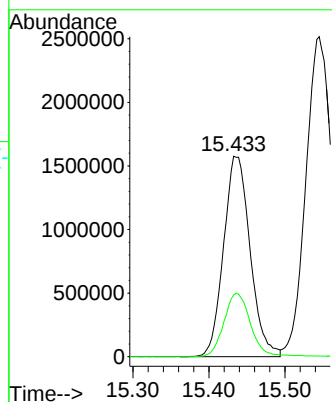
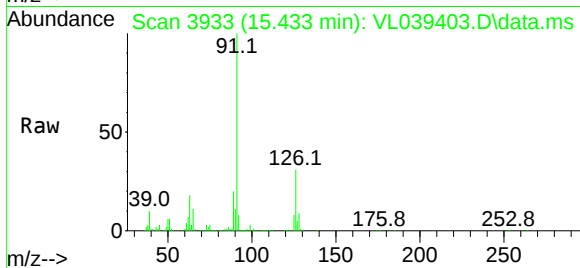
#71
2-Chlorotoluene
Concen: 9.692 ppbv
RT: 15.433 min Scan# 3933
Delta R.T. 0.006 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

Instrument :
MSVOA_L
ClientSampleId :
VL0629ABS01

Tgt Ion: 91 Resp: 3826150
Ion Ratio Lower Upper
91 100
126 32.1 13.0 51.8

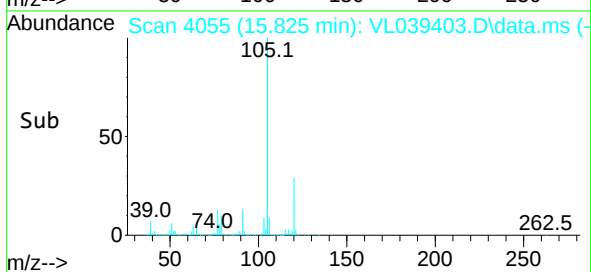
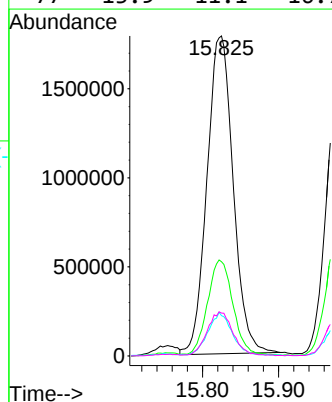
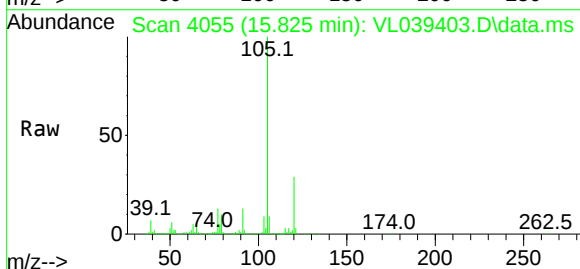
Manual Integrations
APPROVED

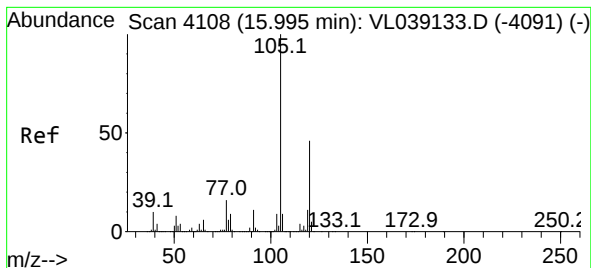
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#72
4-Ethyltoluene
Concen: 10.044 ppbv
RT: 15.825 min Scan# 4055
Delta R.T. 0.010 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

Tgt Ion:105 Resp: 4277131
Ion Ratio Lower Upper
105 100
120 29.8 24.2 36.2
91 12.5 10.2 15.4
77 13.9 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 9.857 ppbv

RT: 15.982 min Scan# 4108

Delta R.T. 0.010 min

Lab File: VL039403.D

Acq: 29 Jun 2022 19:36

Instrument :

MSVOA_L

ClientSampleId :

VL0629ABS01

Tgt Ion:105 Resp: 3855150

Ion Ratio Lower Upper

105 100

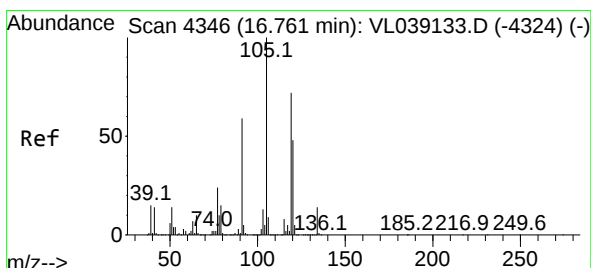
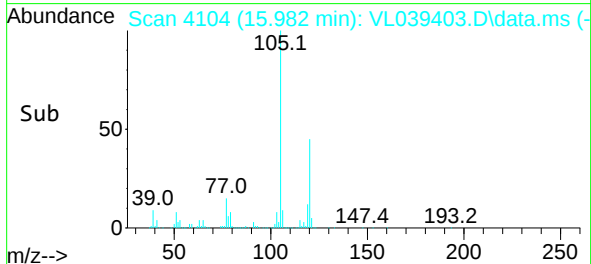
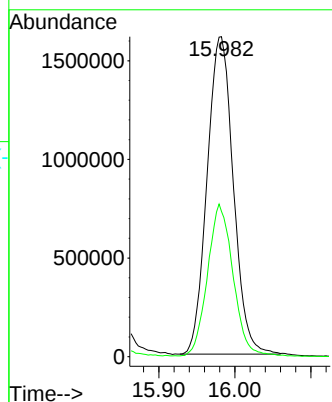
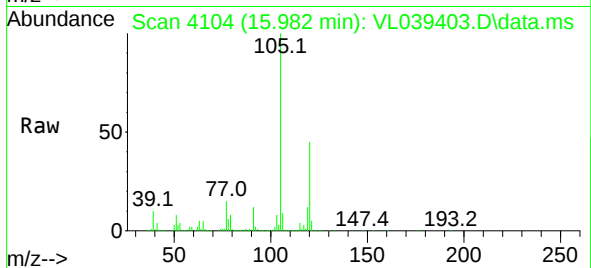
120 45.6 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#74

1,2,4-Trimethylbenzene

Concen: 9.664 ppbv

RT: 16.748 min Scan# 4342

Delta R.T. 0.010 min

Lab File: VL039403.D

Acq: 29 Jun 2022 19:36

Tgt Ion:105 Resp: 4181533

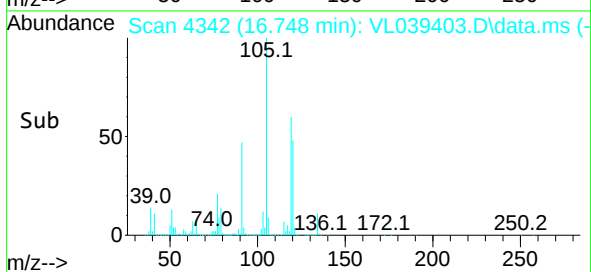
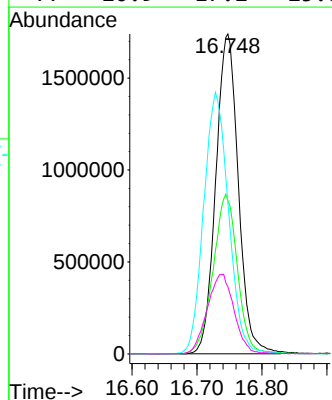
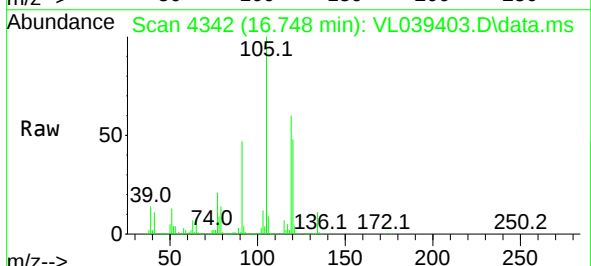
Ion Ratio Lower Upper

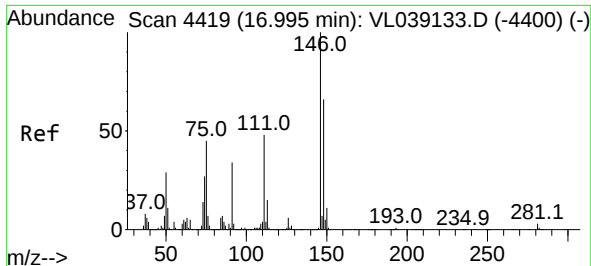
105 100

120 47.8 39.5 59.3

91 47.1 39.2 58.8

77 20.9 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 9.579 ppbv

RT: 16.979 min Scan# 4419

Delta R.T. 0.010 min

Lab File: VL039403.D

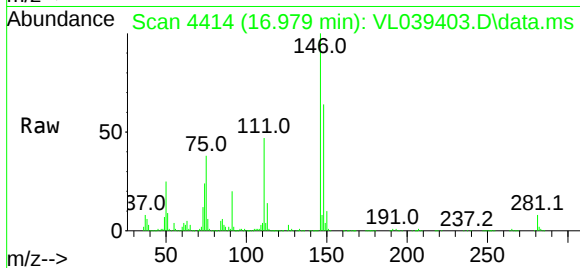
Acq: 29 Jun 2022 19:36

Instrument :

MSVOA_L

ClientSampleId :

VL0629ABS01



Tgt Ion:146 Resp: 247229

Ion Ratio Lower Upper

146 100

111 46.4 22.9 68.7

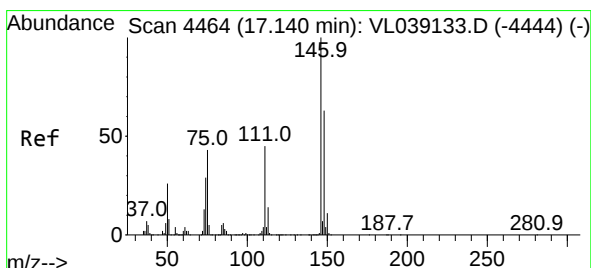
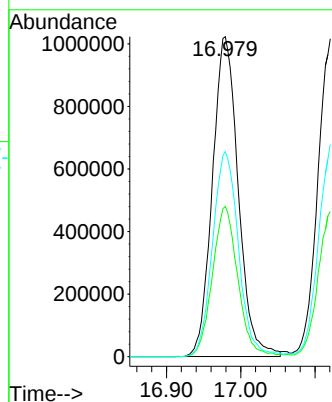
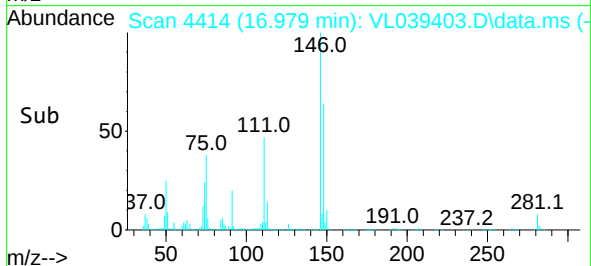
148 64.5 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#76

1,4-Dichlorobenzene

Concen: 9.315 ppbv

RT: 17.121 min Scan# 4458

Delta R.T. 0.010 min

Lab File: VL039403.D

Acq: 29 Jun 2022 19:36

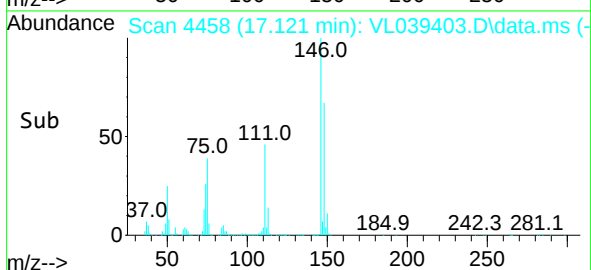
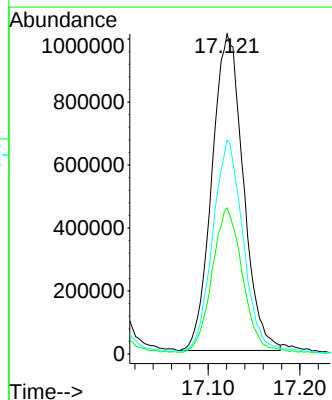
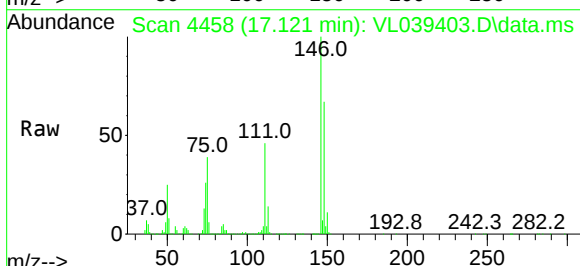
Tgt Ion:146 Resp: 2382915

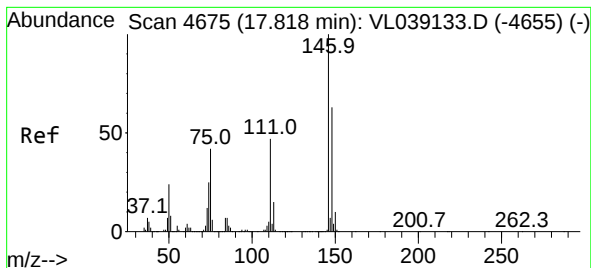
Ion Ratio Lower Upper

146 100

111 46.2 22.9 68.8

148 67.6 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 9.359 ppbv

RT: 17.799 min Scan# 40

Delta R.T. 0.006 min

Lab File: VL039403.D

Acq: 29 Jun 2022 19:36

Instrument :

MSVOA_L

ClientSampleId :

VL0629ABS01

Tgt Ion:146 Resp: 2394190

Ion Ratio Lower Upper

146 100

111 48.3 23.8 71.5

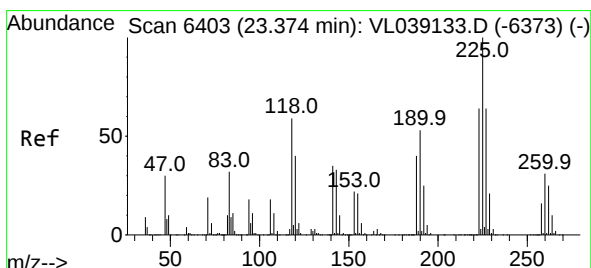
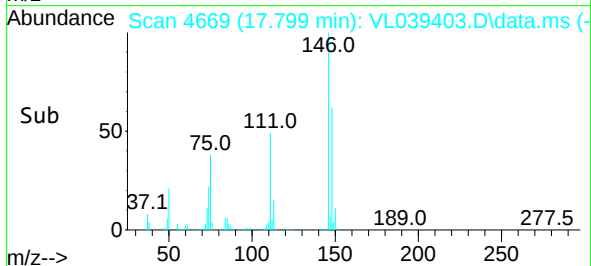
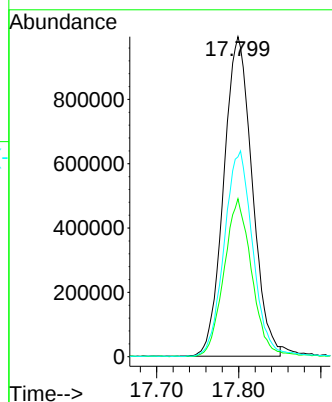
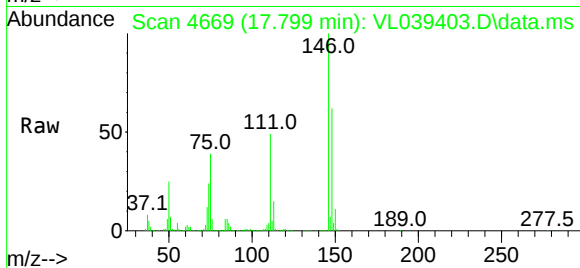
148 65.1 32.3 96.8

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: 8.414 ppbv

RT: 23.358 min Scan# 6398

Delta R.T. 0.013 min

Lab File: VL039403.D

Acq: 29 Jun 2022 19:36

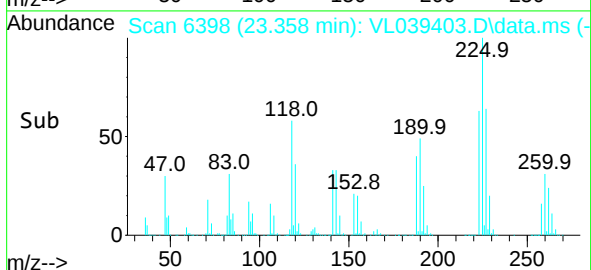
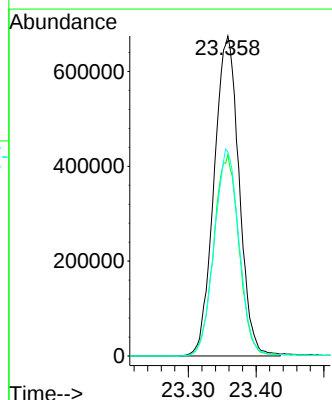
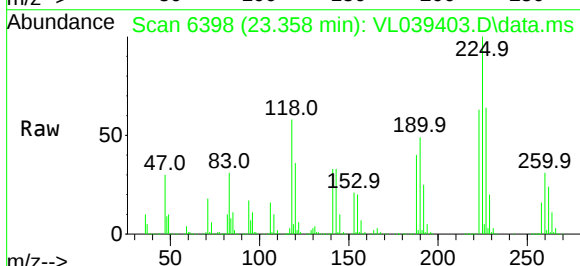
Tgt Ion:225 Resp: 1731245

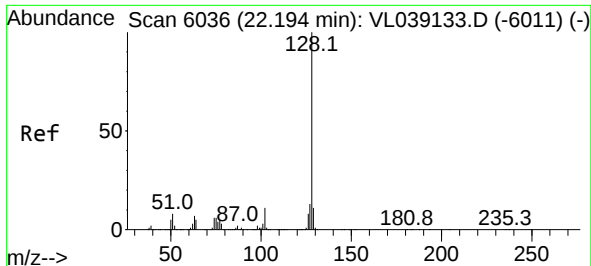
Ion Ratio Lower Upper

225 100

223 63.5 51.8 77.6

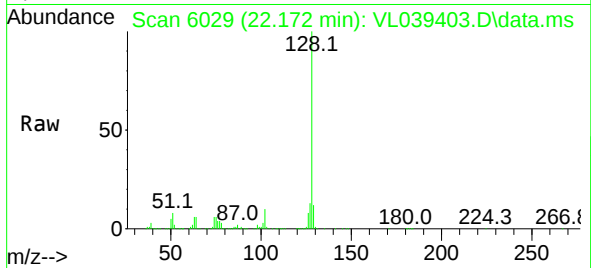
227 64.7 51.4 77.2





#79
Naphthalene
Concen: 11.276 ppbv
RT: 22.172 min Scan# 6036
Delta R.T. 0.013 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36

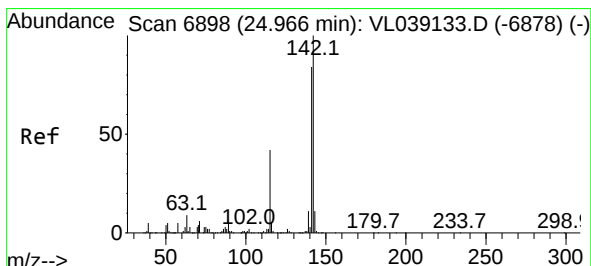
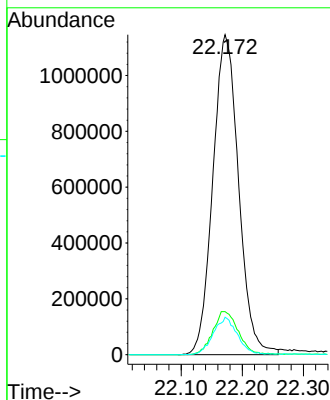
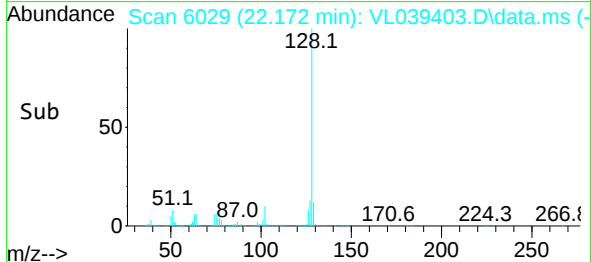
Instrument :
MSVOA_L
ClientSampleId :
VL0629ABS01



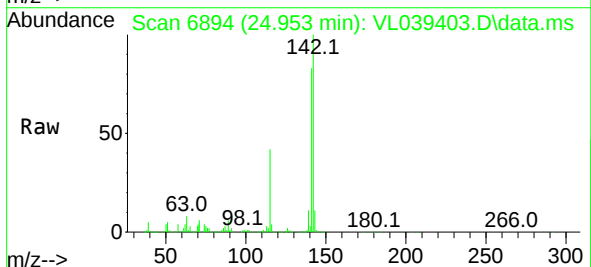
Tgt Ion:128 Resp: 3357598
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 11.7 8.8 13.2

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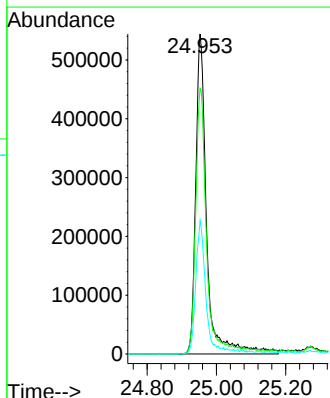
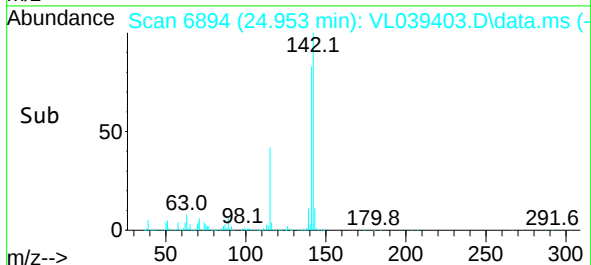
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

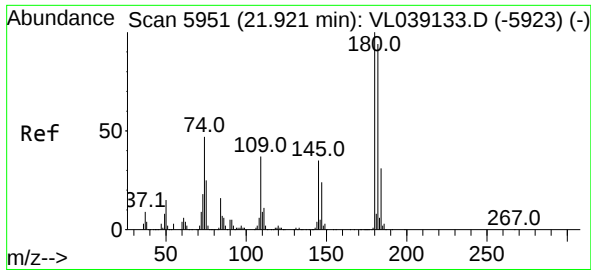


#80
Naphthalene,2-methyl-
Concen: 11.845 ppbv
RT: 24.953 min Scan# 6894
Delta R.T. 0.010 min
Lab File: VL039403.D
Acq: 29 Jun 2022 19:36



Tgt Ion:142 Resp: 1200404
Ion Ratio Lower Upper
142 100
141 81.1 68.9 103.3
115 40.3 30.0 45.0





#81

1,2,4-Trichlorobenzene

Concen: 9.957 ppbv

RT: 21.902 min Scan# 5945

Delta R.T. 0.013 min

Lab File: VL039403.D

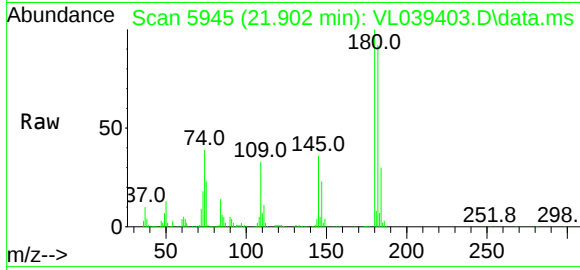
Acq: 29 Jun 2022 19:36

Instrument :

MSVOA_L

ClientSampleId :

VL0629ABS01



Tgt Ion:180 Resp: 1931152

Ion Ratio Lower Upper

180 100

182 95.9 77.1 115.7

184 30.6 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022

