

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060822\
 Data File : VL039233.D
 Acq On : 8 Jun 2022 13:42
 Operator : SY/AP
 Sample : VL0608ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0608ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/09/2022
 Supervised By : Mahesh Dadoda 06/09/2022

Quant Time: Jun 09 06:40:04 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 09 2022

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

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.674	49	1210447	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.182	114	2826391	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.092	117	2617636	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.420 95 2385702 11.024 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 110.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.057	85	1876234	8.825	ppbv	99
3) Chlorodifluoromethane	2.996	51	1439200	9.345	ppbv	97
4) Chloromethane	3.150	50	659141	8.332	ppbv	99
5) Vinyl Chloride	3.266	62	719961	9.735	ppbv	96
6) Bromomethane	3.484	94	340880	9.370	ppbv	95
7) Chloroethane	3.568	64	268970	10.438	ppbv	91
8) Dichlorotetrafluoroethane	3.195	85	1849844	9.520	ppbv	100
9) Propene	3.015	41	518654	7.723	ppbv	98
10) Heptane	8.130	43	1323086	8.445	ppbv	99
11) Trichlorofluoromethane	3.960	101	1956661	10.167	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.491	101	1318713	10.361	ppbv	99
13) Ethanol	3.603	45	29762	8.126	ppbv #	100
14) Bromoethene	3.748	108	569432	9.952	ppbv	99
15) Acetone	3.854	43	1416080	11.231	ppbv	97
16) 1,3-Butadiene	3.333	39	669119	9.872	ppbv	100
17) tert-Butyl alcohol	4.288	59	1191457	12.182	ppbv	99
18) 1,1-Dichloroethene	4.298	96	597571	10.467	ppbv	90
19) Isopropyl Alcohol	3.970	45	642980	10.872	ppbv	100
20) Methylene Chloride	4.353	84	473369	8.909	ppbv	98
21) Allyl Chloride	4.420	41	828922	9.745	ppbv	97
22) trans-1,2-Dichloroethene	4.893	96	585590	10.660	ppbv	95
23) Vinyl Acetate	5.079	43	894845	8.578	ppbv	100
24) 1,1-Dichloroethane	5.018	63	1211466	8.475	ppbv	100
25) Ethyl Acetate	5.680	43	2791213	9.822	ppbv	100
26) Hexane	5.697	57	1057523	8.468	ppbv	86
27) Carbon Disulfide	4.558	76	1372675	10.605	ppbv	99
28) Methyl tert-Butyl Ether	5.041	73	1264307	9.170	ppbv	99
29) Chloroform	5.761	83	1912136	9.099	ppbv	98
30) Cyclohexane	7.137	84	846280	8.066	ppbv	98
31) cis-1,2-Dichloroethene	5.555	61	1141861	8.967	ppbv	96
32) 1,1,1-Trichloroethane	6.520	97	2006053	9.755	ppbv	99
34) 2-Butanone	5.250	43	1540962	10.035	ppbv	98
35) Carbon Tetrachloride	7.028	117	2161898	10.480	ppbv	99
36) Benzene	6.896	78	2072610	9.033	ppbv	97
37) 1,2-Dichloroethane	6.311	62	1575233	10.431	ppbv	98
38) Trichloroethene	7.841	130	880385	8.353	ppbv	96
39) 1,2-Dichloropropane	7.622	63	816247	8.943	ppbv	92
40) 1,4-Dioxane	7.831	88	300118	9.988	ppbv	85
41) Tetrahydrofuran	6.057	42	839639	9.092	ppbv	100
42) Bromodichloromethane	7.799	83	2105675	10.047	ppbv	96
43) Methyl Methacrylate	8.021	69	932095	10.428	ppbv	98
44) 2,2,4-Trimethylpentane	7.876	57	3595268	8.957	ppbv	97
45) t-1,3-Dichloropropene	9.282	75	799449	8.588	ppbv	99

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 09 2022

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

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.709	75	1069119	8.694	ppbv	93
47) 1,1,2-Trichloroethane	9.481	97	876193	9.202	ppbv	96
48) Dibromochloromethane	10.310	129	1753766	10.315	ppbv	99
49) Bromoform	13.043	173	1475758	10.415	ppbv	98
50) 4-Methyl-2-Pentanone	8.748	43	2222002	9.667	ppbv	99
51) 2-Hexanone	10.134	43	1754980	9.813	ppbv #	96
52) Tetrachloroethene	11.227	164	815683	9.104	ppbv	93
53) Toluene	9.812	91	2456429	9.297	ppbv	99
54) 1,2-Dibromoethane	10.616	107	1312319	10.256	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.130	131	1302504	10.516	ppbv	97
57) Chlorobenzene	12.153	112	1875956	9.525	ppbv	98
58) Ethyl Benzene	12.716	91	3504545	9.720	ppbv	98
59) m/p-Xylene	12.998	91	6294411m	19.824	ppbv	
60) o-Xylene	13.696	91	3084058	10.337	ppbv	96
61) Styrene	13.529	104	1582128	9.902	ppbv	97
62) Isopropylbenzene	14.670	105	4603813	10.382	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.680	83	1995035	11.913	ppbv	99
64) n-propylbenzene	15.564	120	1170884	10.741	ppbv	98
65) tert-Butylbenzene	16.744	119	4290172	10.580	ppbv	97
66) Benzyl Chloride	16.992	91	320958	6.087	ppbv	99
67) sec-Butylbenzene	17.294	105	5933856	10.725	ppbv	100
69) p-Isopropyltoluene	17.651	119	5045743	10.809	ppbv	98
70) n-Butylbenzene	18.551	91	5326611	11.117	ppbv	99
71) 2-Chlorotoluene	15.455	91	3582857	10.595	ppbv	98
72) 4-Ethyltoluene	15.844	105	3646395	10.428	ppbv	98
73) 1,3,5-Trimethylbenzene	15.998	105	3352991	10.631	ppbv	97
74) 1,2,4-Trimethylbenzene	16.764	105	3746371	10.644	ppbv	99
75) 1,3-Dichlorobenzene	17.002	146	2088082	10.481	ppbv	99
76) 1,4-Dichlorobenzene	17.140	146	2008539	10.105	ppbv	98
77) 1,2-Dichlorobenzene	17.818	146	2020511	10.063	ppbv	99
78) Hexachloro-1,3-Butadiene	23.371	225	1780289	9.696	ppbv	99
79) Naphthalene	22.191	128	2951222	10.892	ppbv	98
80) Naphthalene,2-methyl-	24.969	142	734323	7.295	ppbv	93
81) 1,2,4-Trichlorobenzene	21.927	180	1697486	9.889	ppbv #	100

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

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Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 06/09/2022
 Supervised By : Mahesh Dadoda 06/09/2022

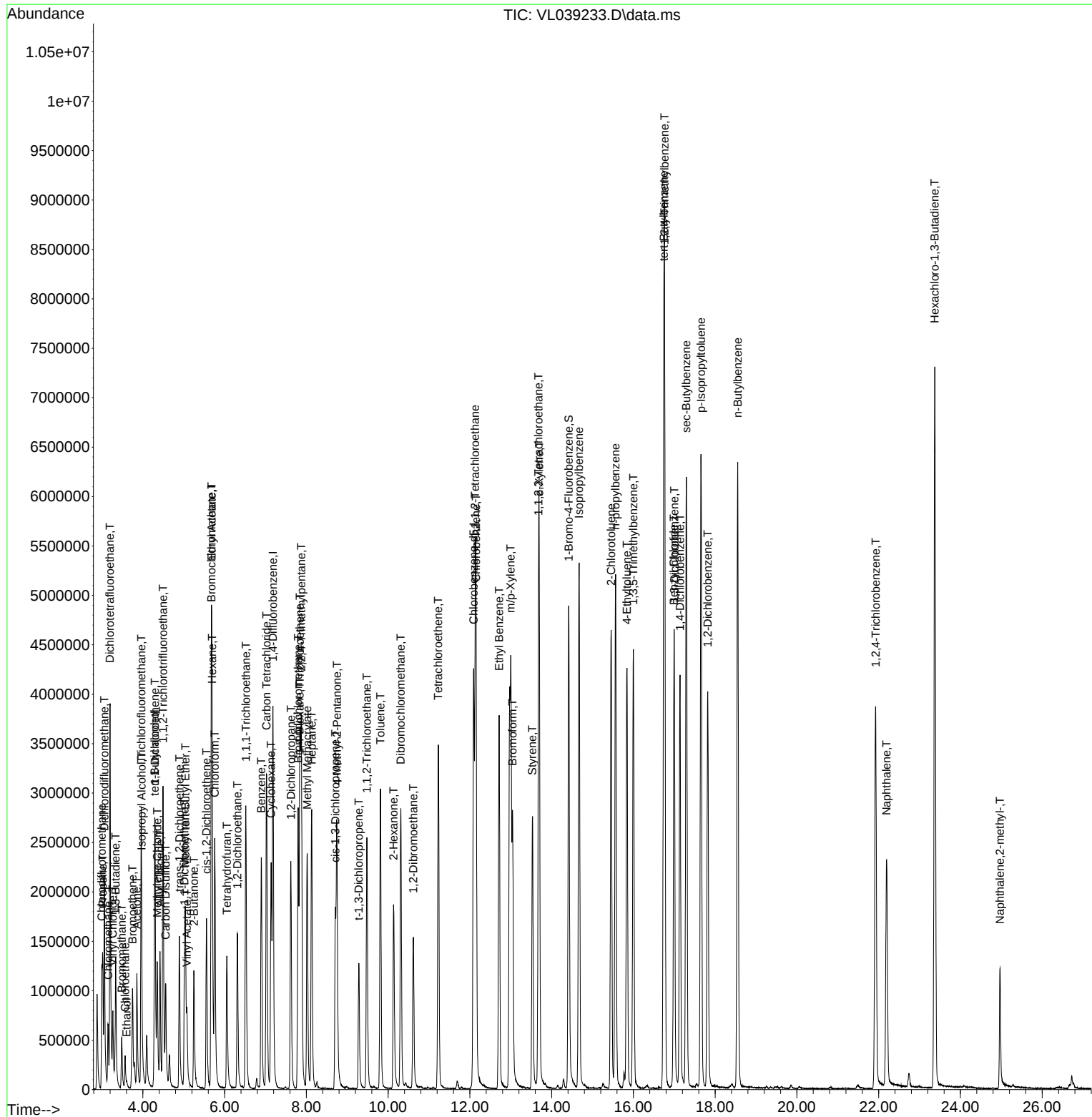
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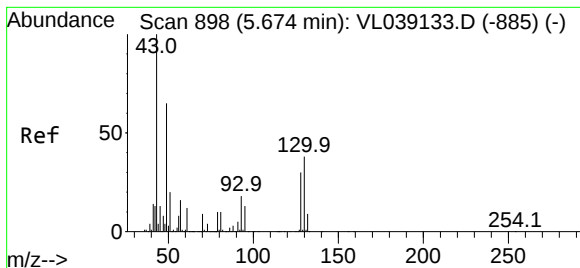
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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun

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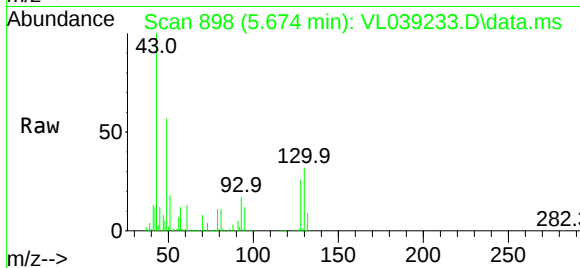
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.674 min Scan# 898
Delta R.T. -0.000 min
Lab File: VL039233.D
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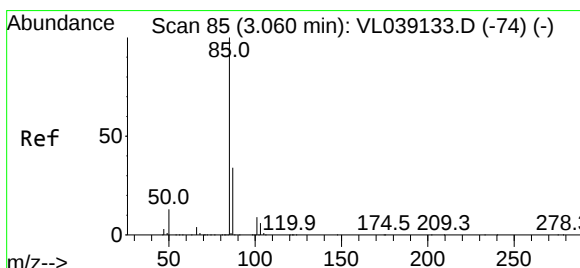
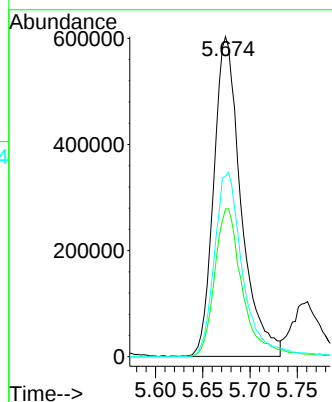
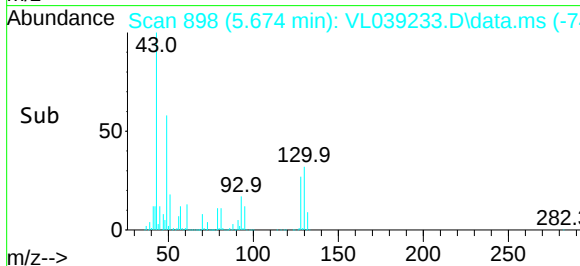
Instrument :
MSVOA_L
ClientSampleId :
VL0608ABS01



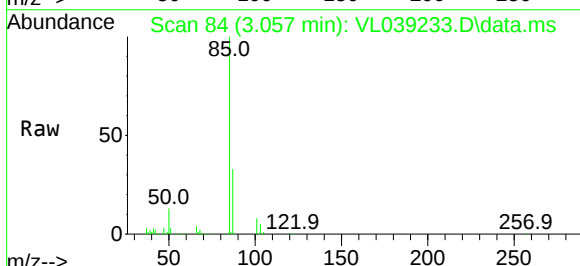
Tgt Ion: 49 Resp: 121044
Ion Ratio Lower Upper
49 100
128 48.2 24.7 74.1
130 60.9 31.4 94.0

Manual Integrations
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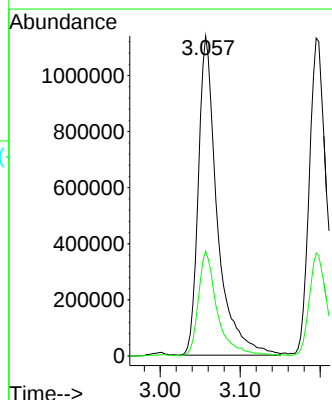
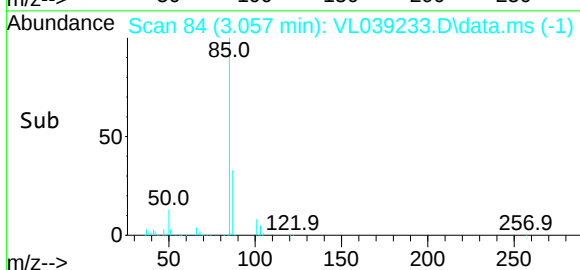
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

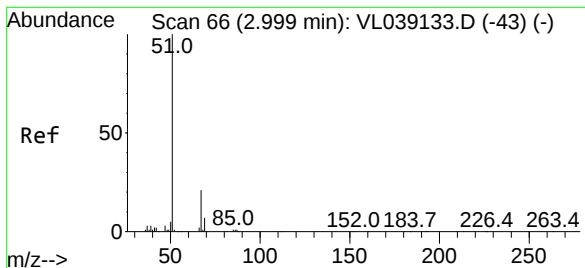


#2
Dichlorodifluoromethane
Concen: 8.825 ppbv
RT: 3.057 min Scan# 84
Delta R.T. -0.003 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42



Tgt Ion: 85 Resp: 1876234
Ion Ratio Lower Upper
85 100
87 32.8 26.9 40.3





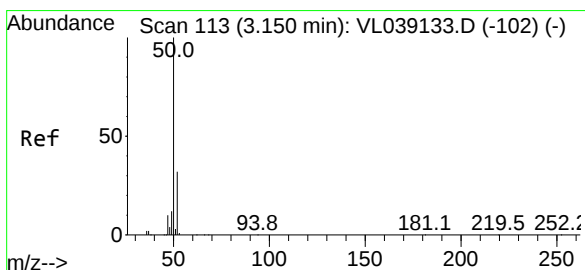
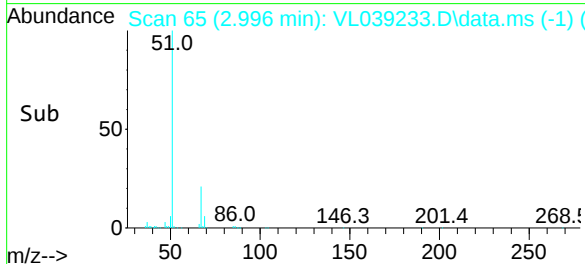
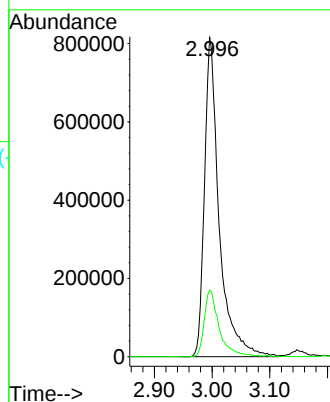
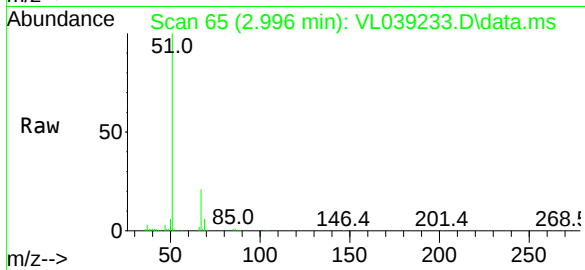
#3
Chlorodifluoromethane
Concen: 9.345 ppbv
RT: 2.996 min Scan# 66
Delta R.T. -0.003 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

Instrument :
MSVOA_L
ClientSampleId :
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Tgt Ion: 51 Resp: 1439200
Ion Ratio Lower Upper
51 100
67 21.5 16.2 24.4

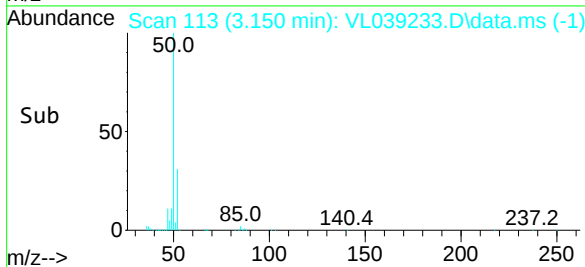
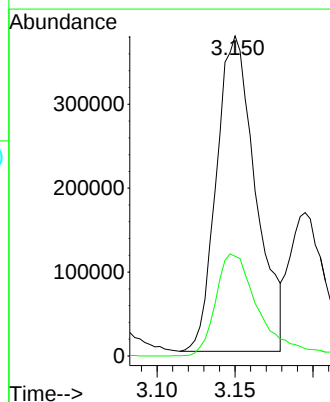
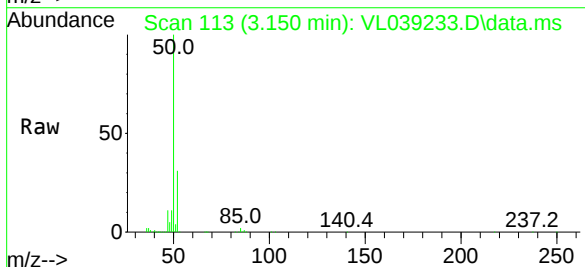
Manual Integrations
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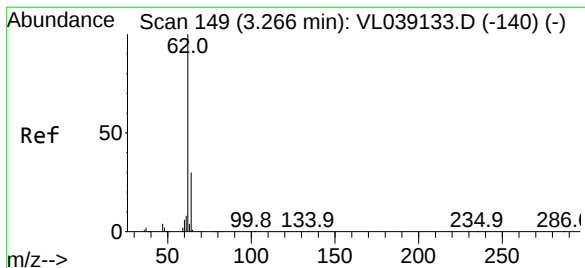
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#4
Chloromethane
Concen: 8.332 ppbv
RT: 3.150 min Scan# 113
Delta R.T. -0.000 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

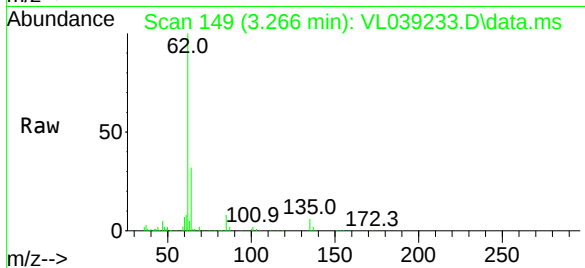
Tgt Ion: 50 Resp: 659141
Ion Ratio Lower Upper
50 100
52 31.6 25.9 38.9





#5
 Vinyl Chloride
 Concen: 9.735 ppbv
 RT: 3.266 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VL039233.D
 Acq: 8 Jun 2022 13:42

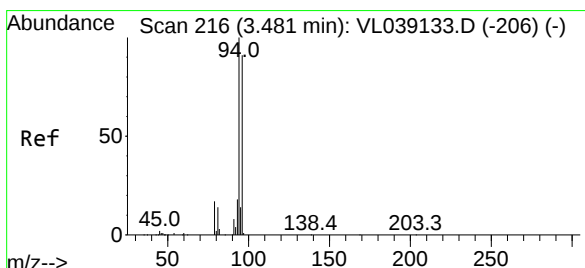
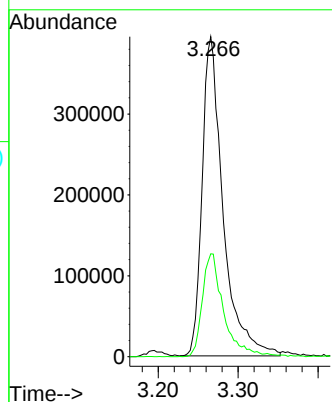
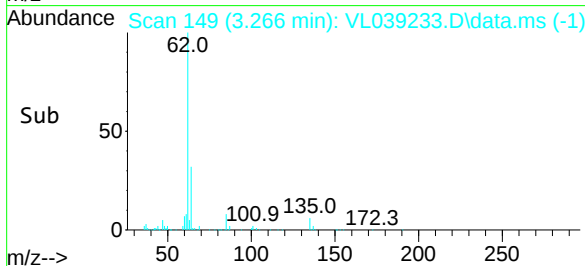
Instrument :
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 ClientSampleId :
 VL0608ABS01



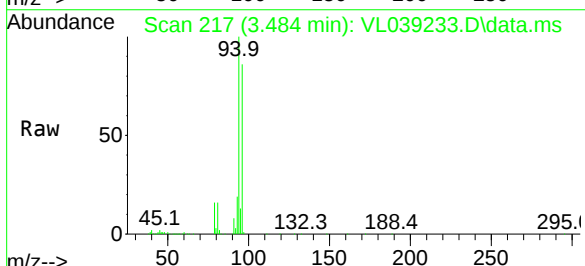
Tgt Ion: 62 Resp: 71996
 Ion Ratio Lower Upper
 62 100
 64 32.2 24.2 36.2

Manual Integrations
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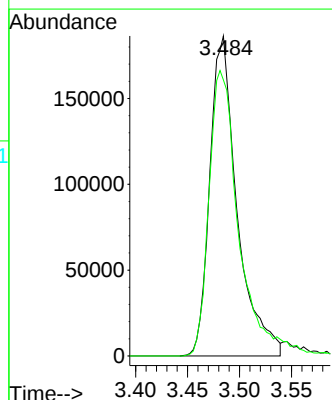
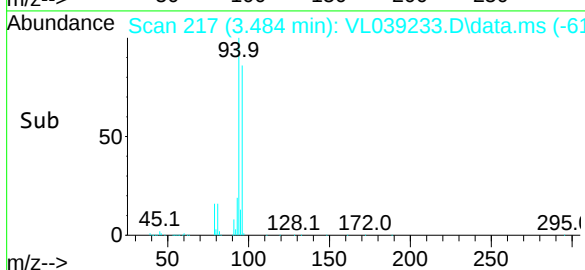
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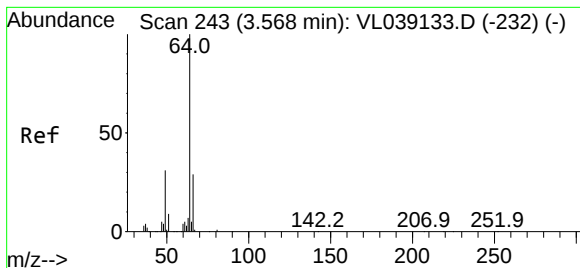


#6
 Bromomethane
 Concen: 9.370 ppbv
 RT: 3.484 min Scan# 217
 Delta R.T. 0.003 min
 Lab File: VL039233.D
 Acq: 8 Jun 2022 13:42



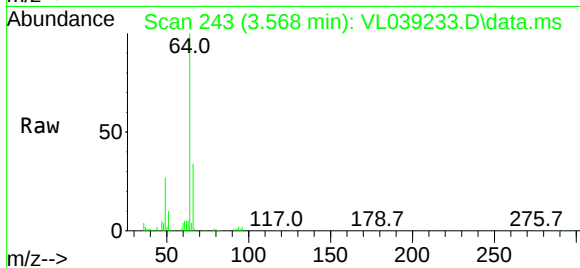
Tgt Ion: 94 Resp: 340880
 Ion Ratio Lower Upper
 94 100
 96 86.2 73.0 109.4





#7
Chloroethane
Concen: 10.438 ppbv
RT: 3.568 min Scan# 243
Delta R.T. -0.000 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

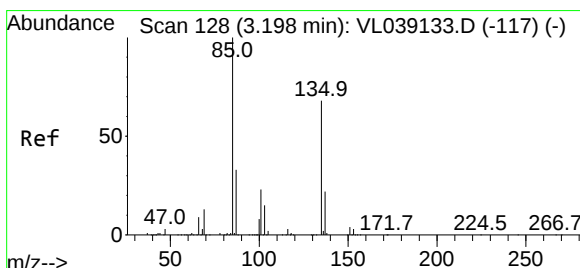
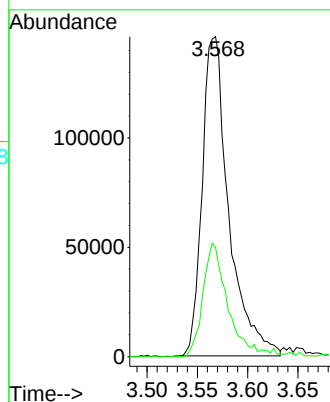
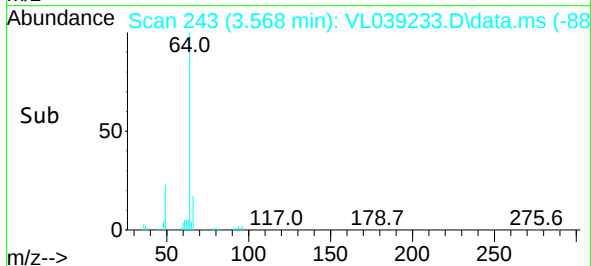
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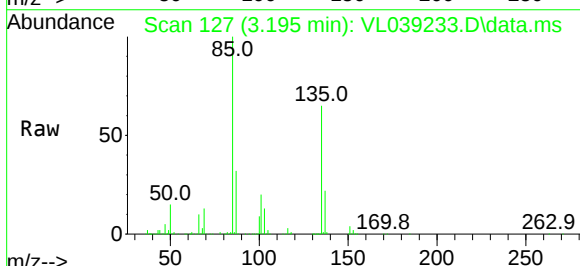
Tgt Ion: 64 Resp: 268970
Ion Ratio Lower Upper
64 100
66 34.1 23.6 35.4

Manual Integrations
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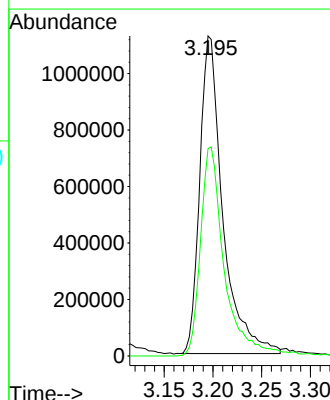
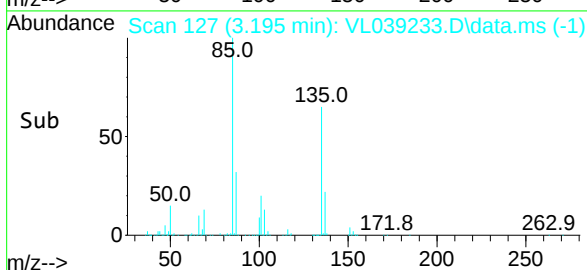
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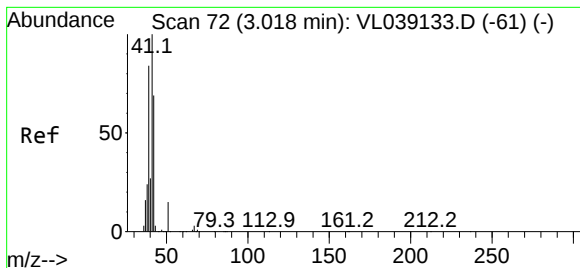


#8
Dichlorotetrafluoroethane
Concen: 9.520 ppbv
RT: 3.195 min Scan# 127
Delta R.T. -0.003 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42



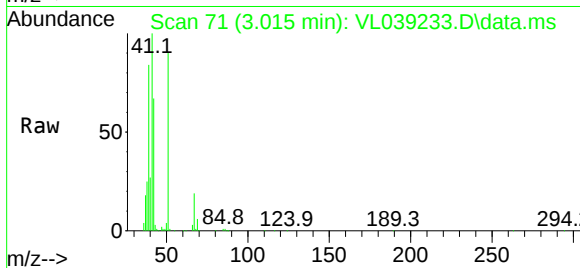
Tgt Ion: 85 Resp: 1849844
Ion Ratio Lower Upper
85 100
135 68.9 55.0 82.4





#9
 Propene
 Concen: 7.723 ppbv
 RT: 3.015 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL039233.D
 Acq: 8 Jun 2022 13:42

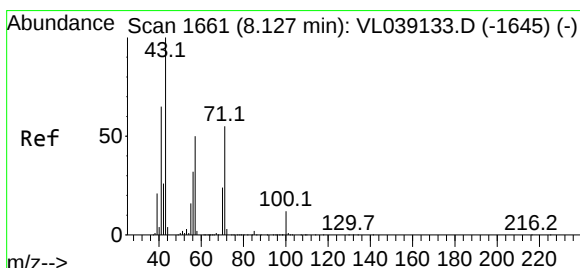
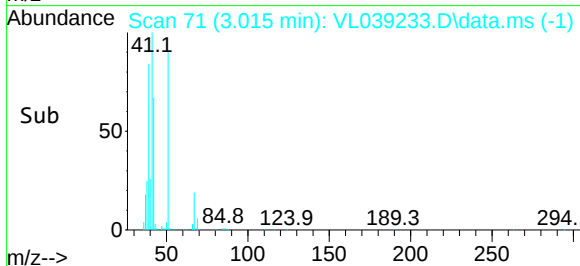
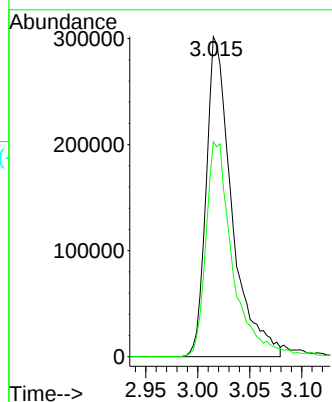
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Tgt Ion: 41 Resp: 518654
 Ion Ratio Lower Upper
 41 100
 42 70.9 55.4 83.2

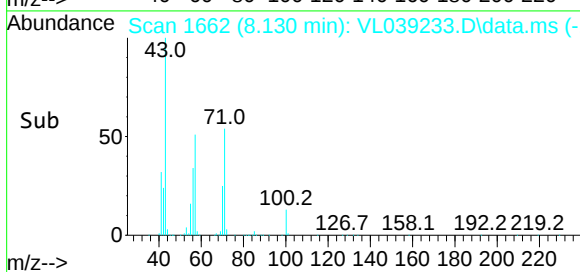
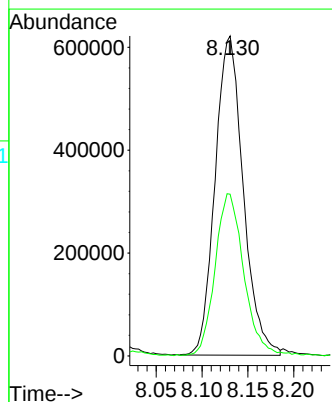
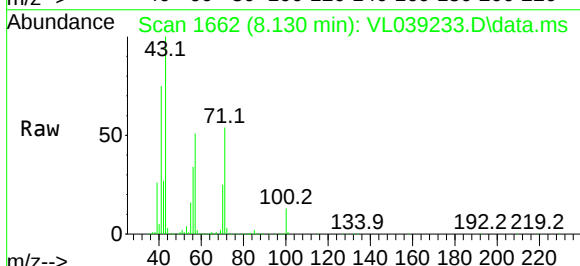
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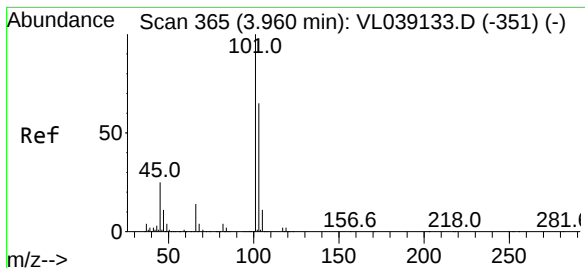
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022



#10
 Heptane
 Concen: 8.445 ppbv
 RT: 8.130 min Scan# 1662
 Delta R.T. 0.003 min
 Lab File: VL039233.D
 Acq: 8 Jun 2022 13:42

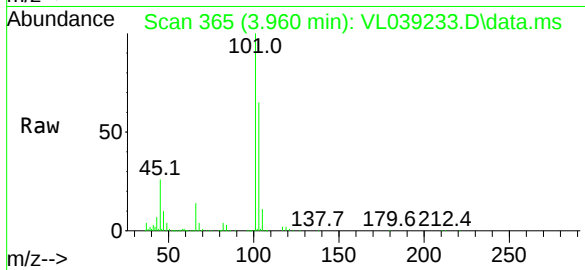
Tgt Ion: 43 Resp: 1323086
 Ion Ratio Lower Upper
 43 100
 57 52.5 41.4 62.2





#11
 Trichlorofluoromethane
 Concen: 10.167 ppbv
 RT: 3.960 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VL039233.D
 Acq: 8 Jun 2022 13:42

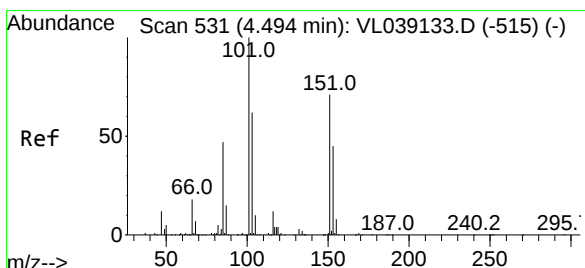
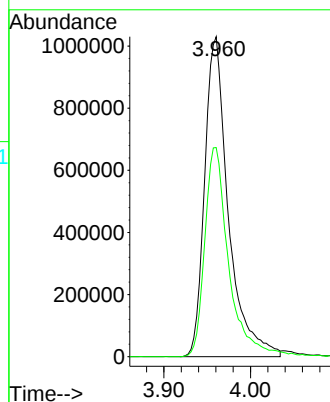
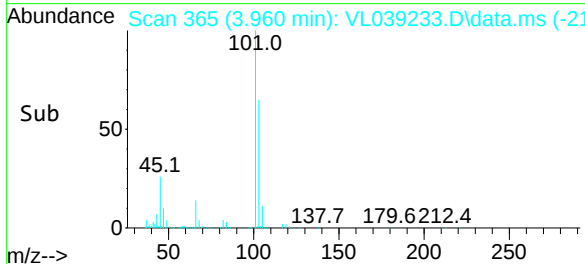
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0608ABS01



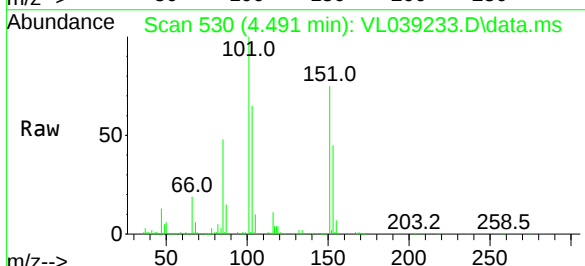
Tgt Ion:101 Resp: 195666
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.7 77.5

Manual Integrations
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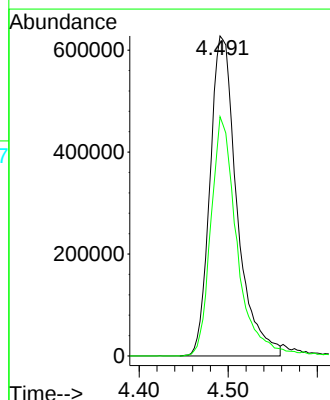
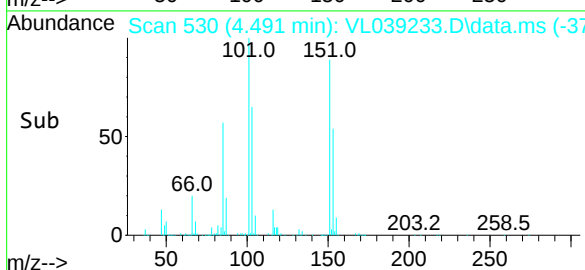
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

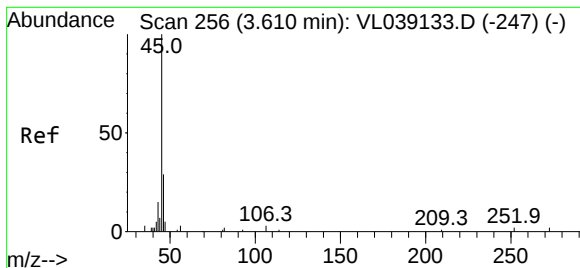


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.361 ppbv
 RT: 4.491 min Scan# 530
 Delta R.T. -0.003 min
 Lab File: VL039233.D
 Acq: 8 Jun 2022 13:42



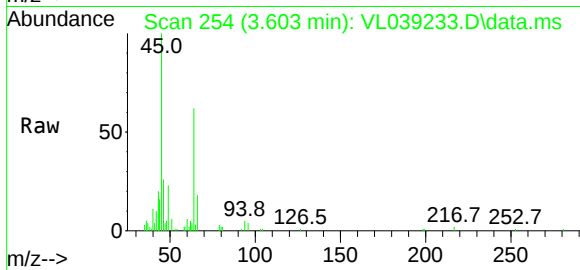
Tgt Ion:101 Resp: 1318713
 Ion Ratio Lower Upper
 101 100
 151 73.1 59.4 89.0





#13
Ethanol
Concen: 8.126 ppbv
RT: 3.603 min Scan# 21
Delta R.T. -0.007 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

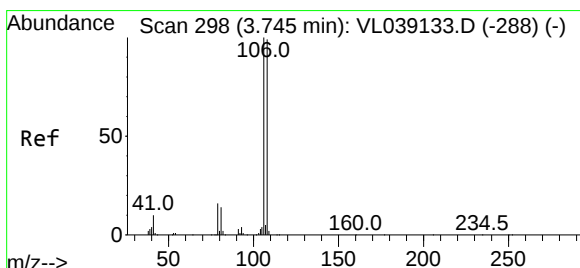
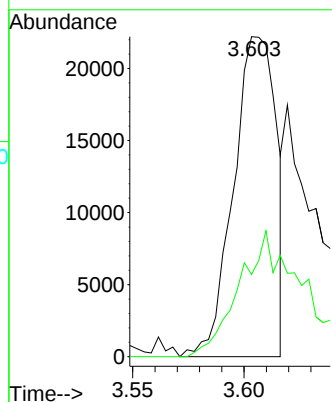
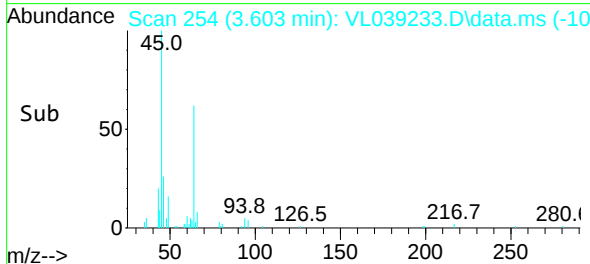
Instrument :
MSVOA_L
ClientSampleId :
VL0608ABS01



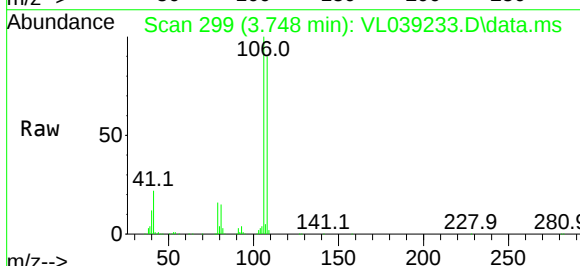
Tgt Ion: 45 Resp: 29762
Ion Ratio Lower Upper
45 100
46 72.8 0.0 0.0

Manual Integrations
APPROVED

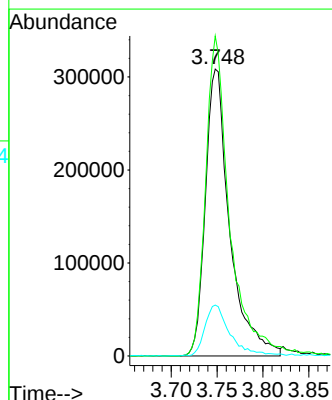
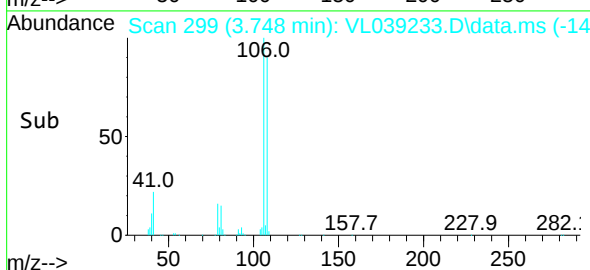
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

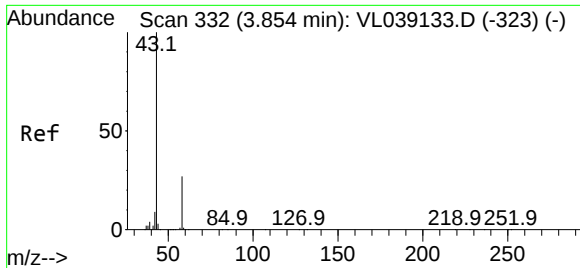


#14
Bromoethene
Concen: 9.952 ppbv
RT: 3.748 min Scan# 299
Delta R.T. 0.003 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42



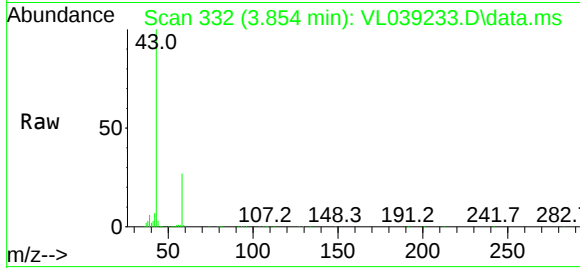
Tgt Ion:108 Resp: 569432
Ion Ratio Lower Upper
108 100
106 111.3 88.4 132.6
79 18.6 13.4 20.2





#15
Acetone
Concen: 11.231 ppbv
RT: 3.854 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

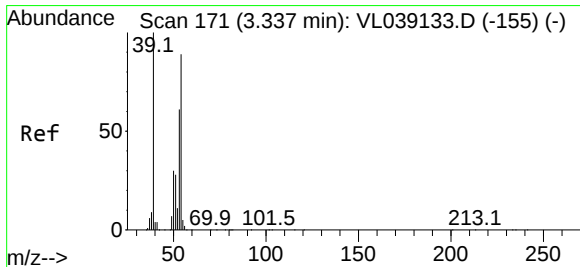
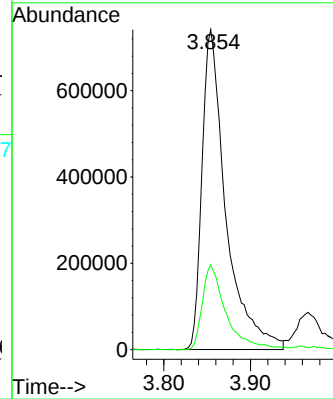
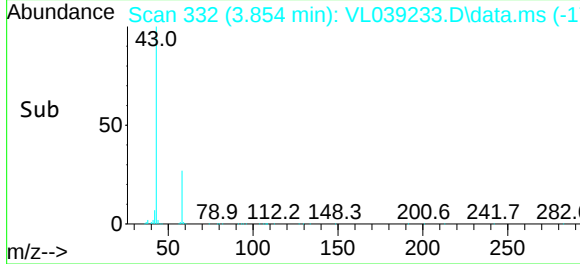
Instrument :
MSVOA_L
ClientSampleId :
VL0608ABS01



Tgt Ion: 43 Resp: 1416080
Ion Ratio Lower Upper
43 100
58 26.4 22.5 33.7

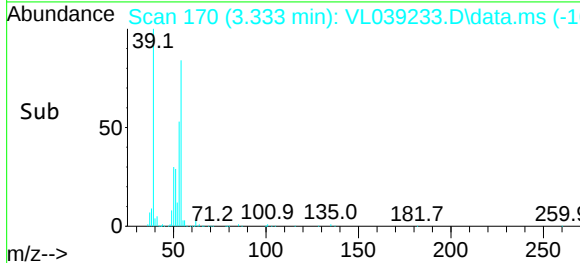
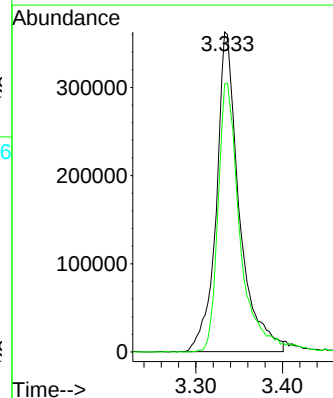
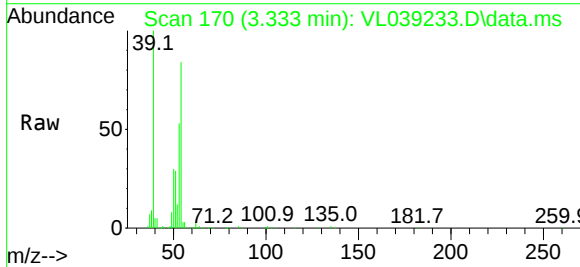
Manual Integrations
APPROVED

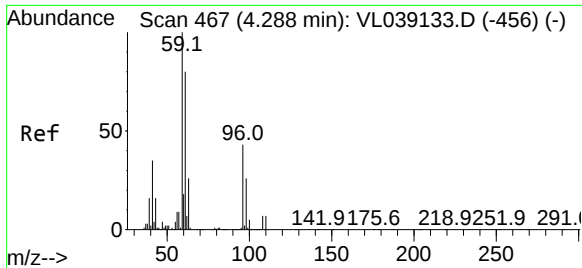
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#16
1,3-Butadiene
Concen: 9.872 ppbv
RT: 3.333 min Scan# 170
Delta R.T. -0.003 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

Tgt Ion: 39 Resp: 669119
Ion Ratio Lower Upper
39 100
54 82.4 65.8 98.6





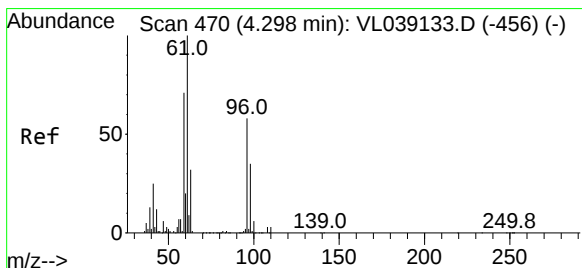
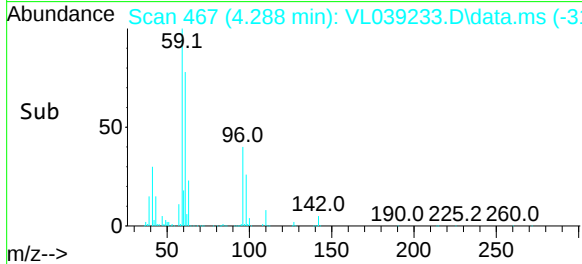
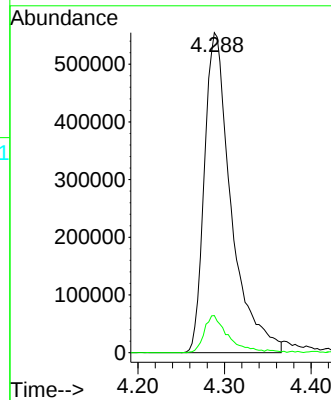
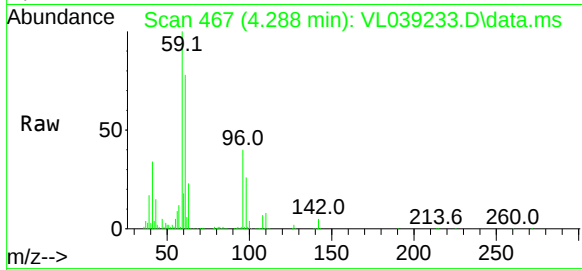
#17
tert-Butyl alcohol
Concen: 12.182 ppbv
RT: 4.288 min Scan# 467
Delta R.T. -0.000 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

Instrument :
MSVOA_L
ClientSampleId :
VL0608ABS01

Tgt Ion: 59 Resp: 119145
Ion Ratio Lower Upper
59 100
57 10.9 9.1 13.7

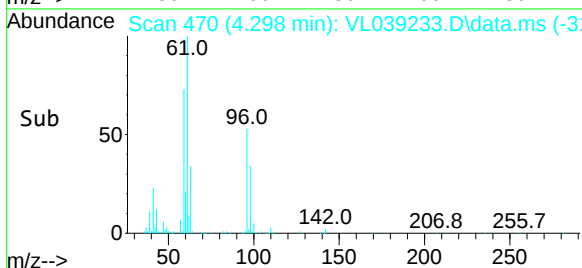
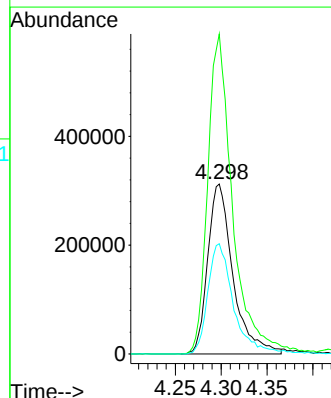
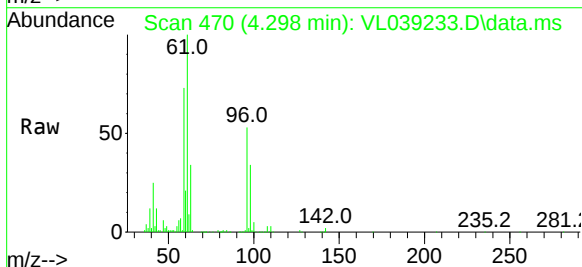
Manual Integrations
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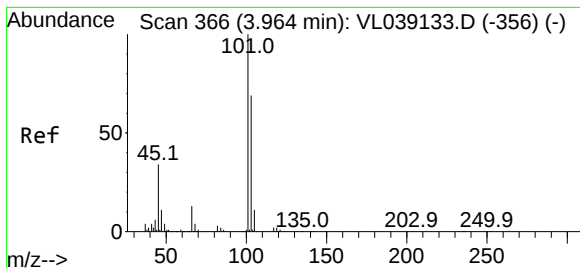
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#18
1,1-Dichloroethene
Concen: 10.467 ppbv
RT: 4.298 min Scan# 470
Delta R.T. -0.000 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

Tgt Ion: 96 Resp: 597571
Ion Ratio Lower Upper
96 100
61 188.2 138.4 207.6
98 64.9 47.8 71.8





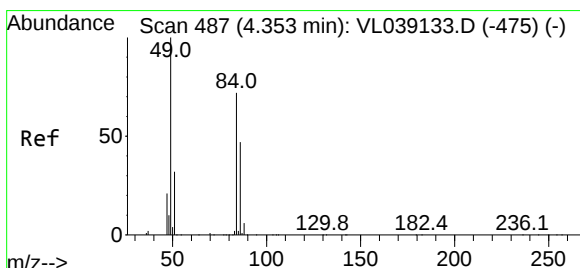
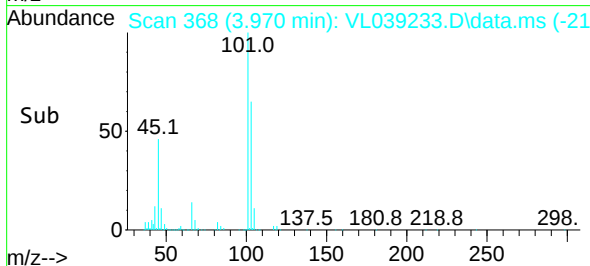
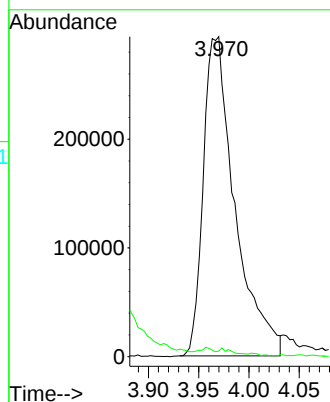
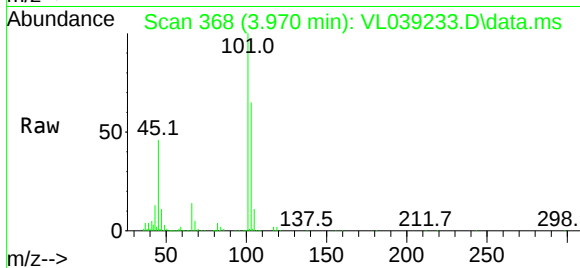
#19
Isopropyl Alcohol
Concen: 10.872 ppbv
RT: 3.970 min Scan# 368
Delta R.T. 0.006 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

Instrument :
MSVOA_L
ClientSampleId :
VL0608ABS01

Tgt Ion: 45 Resp: 642980
Ion Ratio Lower Upper
45 100
58 2.3 1.8 2.8

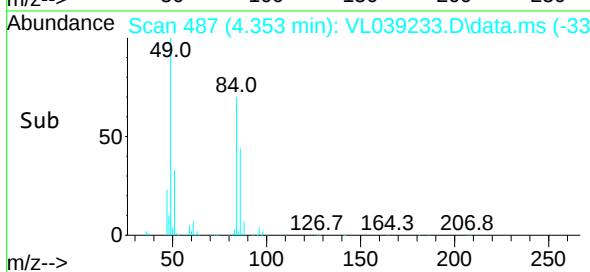
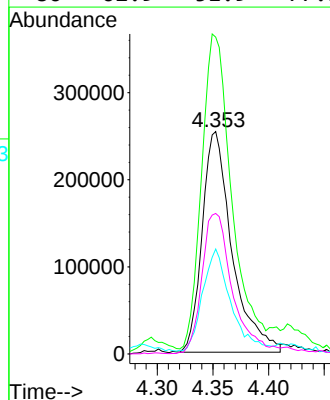
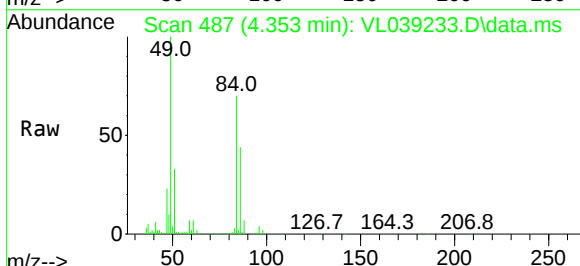
Manual Integrations
APPROVED

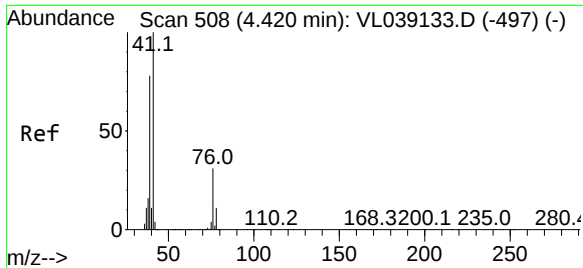
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#20
Methylene Chloride
Concen: 8.909 ppbv
RT: 4.353 min Scan# 487
Delta R.T. -0.000 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

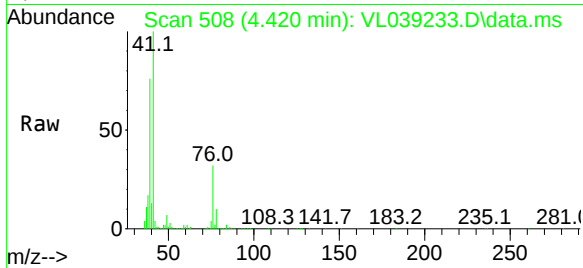
Tgt Ion: 84 Resp: 473369
Ion Ratio Lower Upper
84 100
49 141.2 111.1 166.7
51 45.9 35.3 52.9
86 62.9 51.9 77.9





#21
 Allyl Chloride
 Concen: 9.745 ppbv
 RT: 4.420 min Scan# 508
 Delta R.T. -0.000 min
 Lab File: VL039233.D
 Acq: 8 Jun 2022 13:42

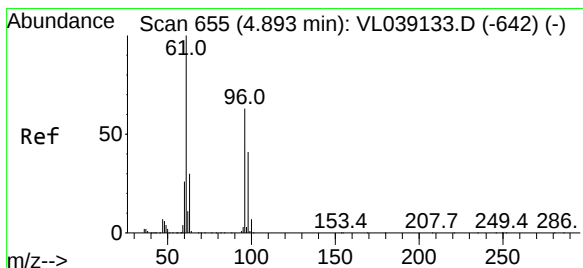
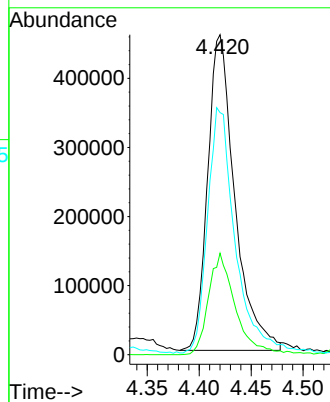
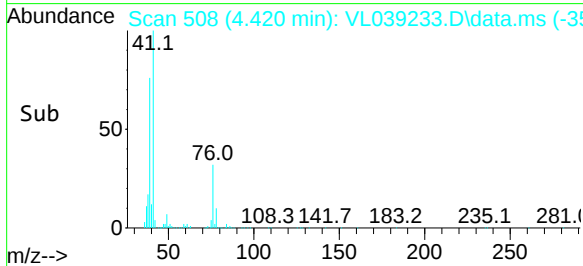
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0608ABS01



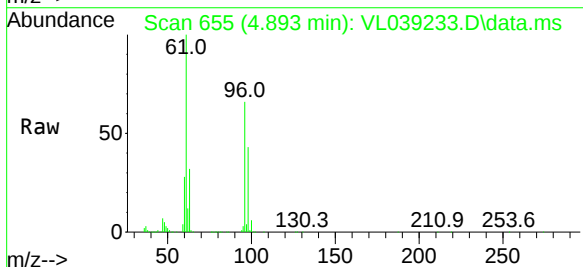
Tgt Ion: 41 Resp: 828922
 Ion Ratio Lower Upper
 41 100
 76 32.1 24.2 36.2
 39 80.5 62.2 93.2

Manual Integrations
 APPROVED

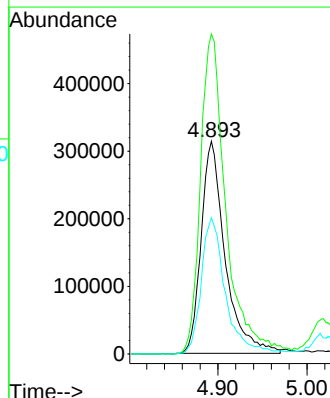
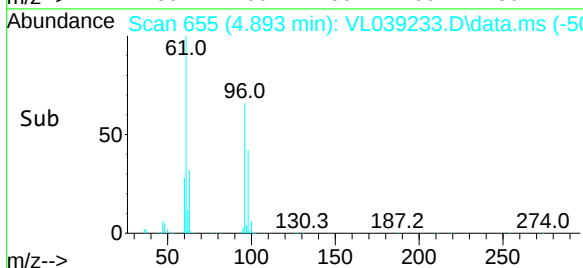
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

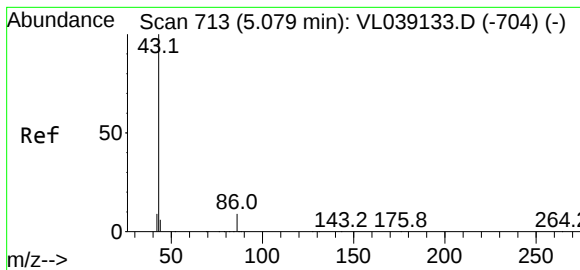


#22
 trans-1,2-Dichloroethene
 Concen: 10.660 ppbv
 RT: 4.893 min Scan# 655
 Delta R.T. -0.000 min
 Lab File: VL039233.D
 Acq: 8 Jun 2022 13:42



Tgt Ion: 96 Resp: 585590
 Ion Ratio Lower Upper
 96 100
 61 150.6 126.6 190.0
 98 63.9 52.5 78.7





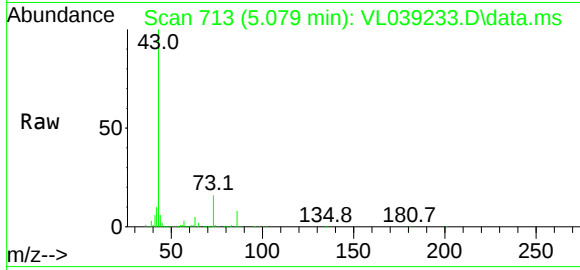
#23
 Vinyl Acetate
 Concen: 8.578 ppbv
 RT: 5.079 min Scan# 713
 Delta R.T. -0.000 min
 Lab File: VL039233.D
 Acq: 8 Jun 2022 13:42

Instrument :

MSVOA_L

ClientSampleId :

VL0608ABS01

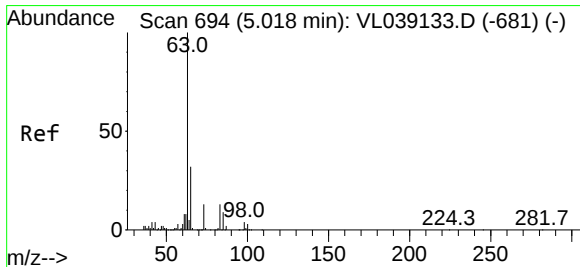
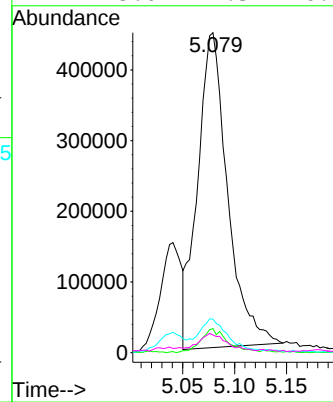
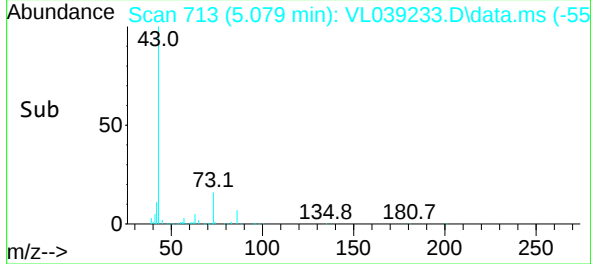


Tgt Ion: 43 Resp: 894845
 Ion Ratio Lower Upper
 43 100
 86 7.6 6.0 9.0
 42 10.2 8.2 12.4
 44 5.0 4.3 6.5

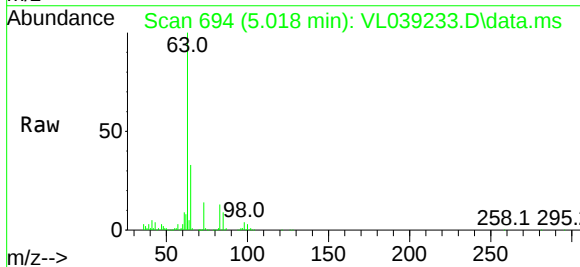
Manual Integrations

APPROVED

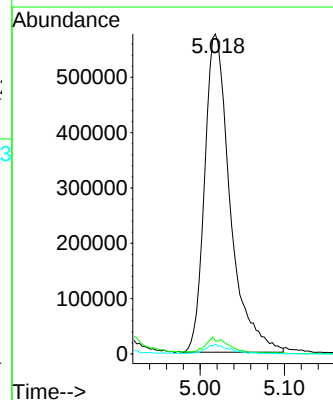
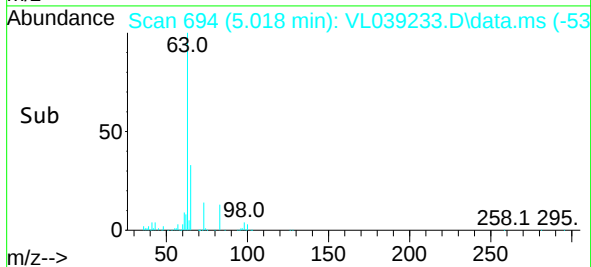
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

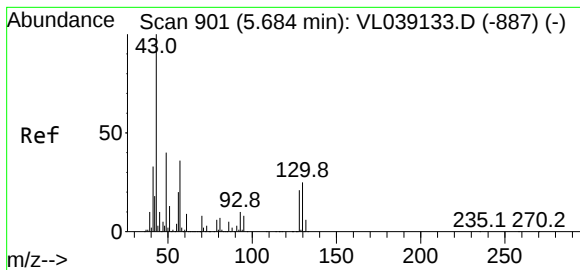


#24
 1,1-Dichloroethane
 Concen: 8.475 ppbv
 RT: 5.018 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VL039233.D
 Acq: 8 Jun 2022 13:42



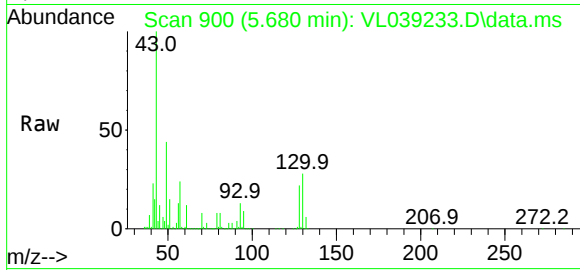
Tgt Ion: 63 Resp: 1211466
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.1 6.2
 100 3.0 1.5 4.5





#25
Ethyl Acetate
Concen: 9.822 ppbv
RT: 5.680 min Scan# 900
Delta R.T. -0.003 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

Instrument :
MSVOA_L
ClientSampleId :
VL0608ABS01

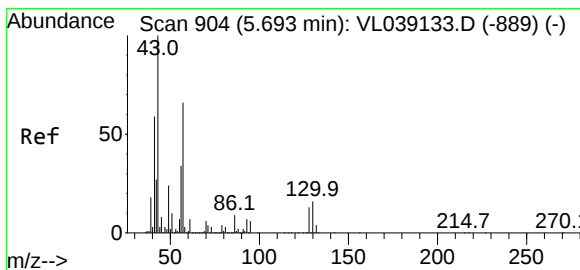
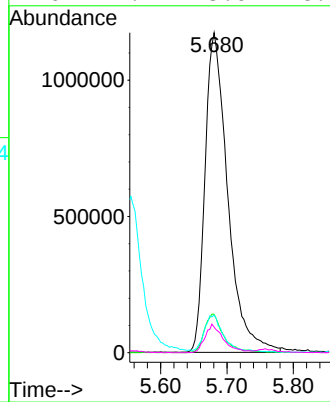
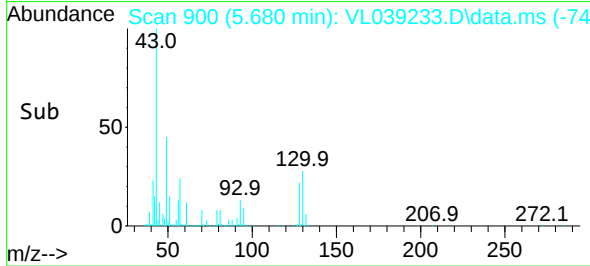


Tgt Ion: 43 Resp: 2791211

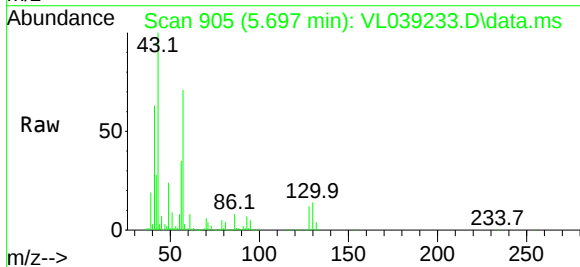
Ion	Ratio	Lower	Upper
43	100		
45	10.5	8.2	12.2
61	10.5	8.4	12.6
70	7.2	5.6	8.4

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

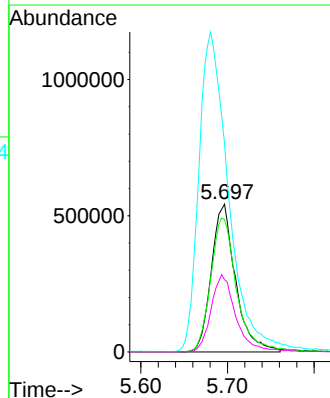
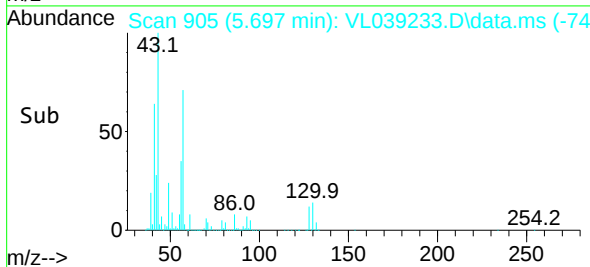


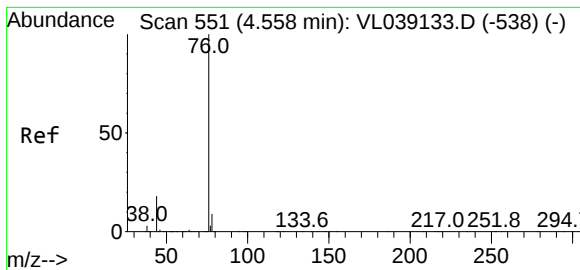
#26
Hexane
Concen: 8.468 ppbv
RT: 5.697 min Scan# 905
Delta R.T. 0.003 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42



Tgt Ion: 57 Resp: 1057523

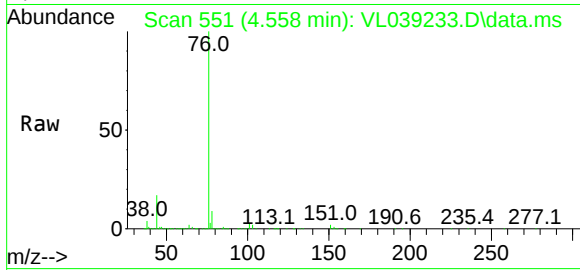
Ion	Ratio	Lower	Upper
57	100		
41	98.0	72.4	108.6
43	266.0	187.0	280.6
56	53.9	41.8	62.6





#27
Carbon Disulfide
Concen: 10.605 ppbv
RT: 4.558 min Scan# 511
Delta R.T. -0.000 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

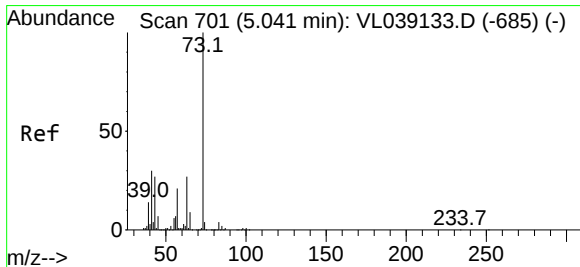
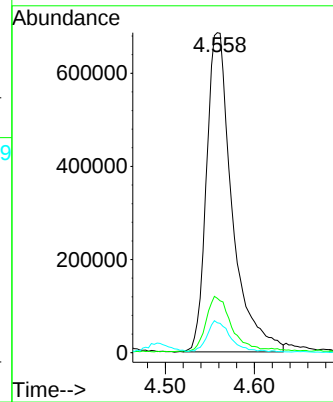
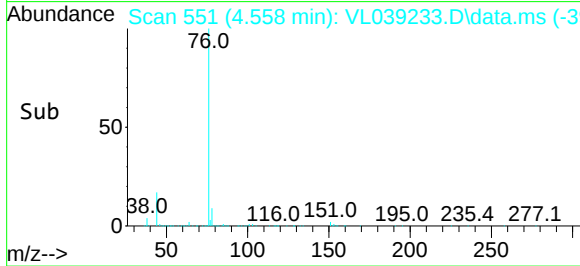
Instrument :
MSVOA_L
ClientSampleId :
VL0608ABS01



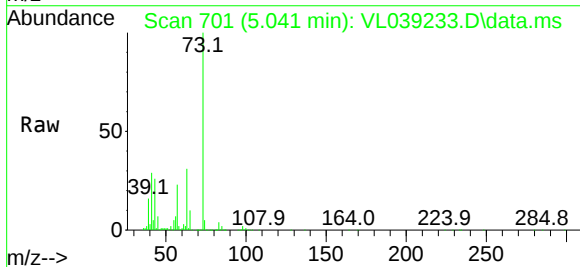
Tgt Ion: 76 Resp: 1372679
Ion Ratio Lower Upper
76 100
44 18.3 14.4 21.6
78 10.1 7.7 11.5

Manual Integrations
APPROVED

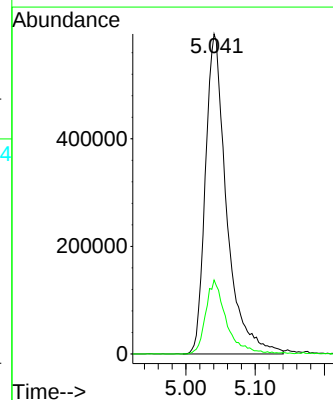
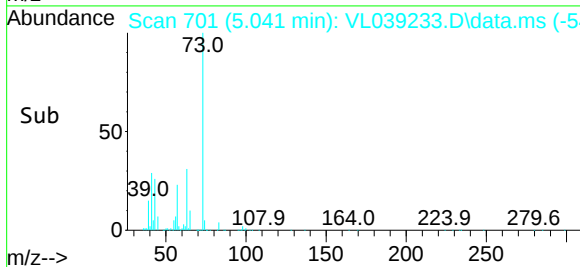
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

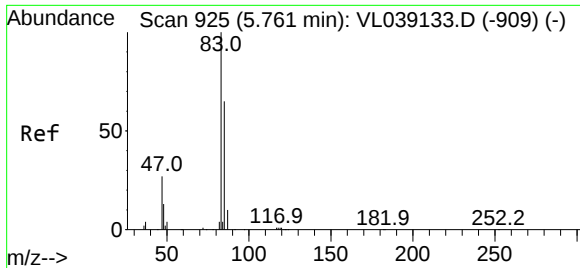


#28
Methyl tert-Butyl Ether
Concen: 9.170 ppbv
RT: 5.041 min Scan# 701
Delta R.T. -0.000 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42



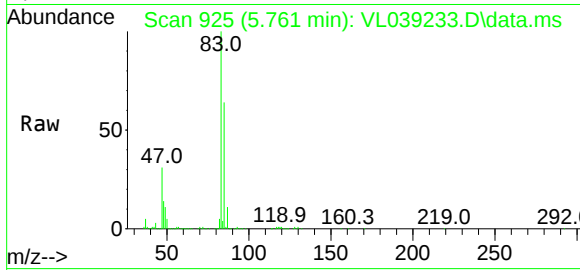
Tgt Ion: 73 Resp: 1264307
Ion Ratio Lower Upper
73 100
57 22.7 18.6 27.8





#29
Chloroform
Concen: 9.099 ppbv
RT: 5.761 min Scan# 911
Delta R.T. -0.000 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

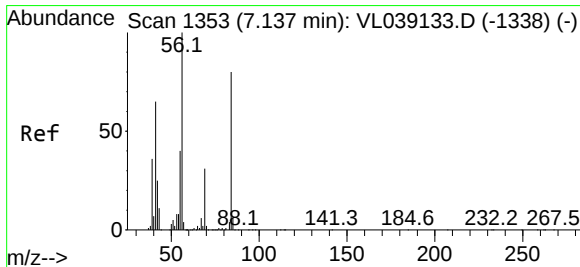
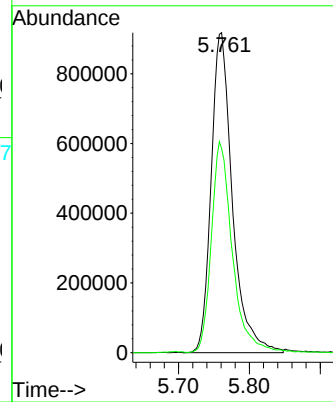
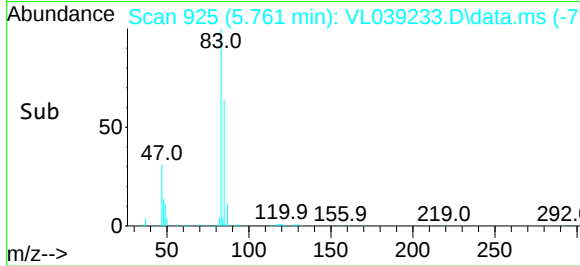
Instrument :
MSVOA_L
ClientSampleId :
VL0608ABS01



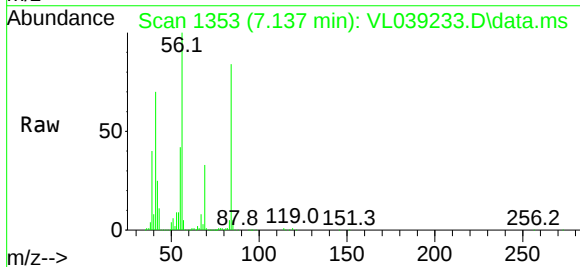
Tgt Ion: 83 Resp: 1912136
Ion Ratio Lower Upper
83 100
85 63.5 52.4 78.6

Manual Integrations
APPROVED

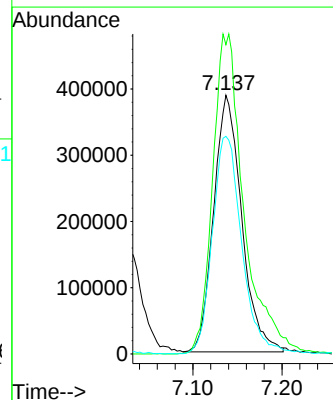
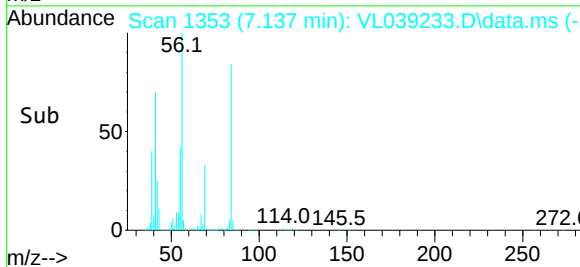
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

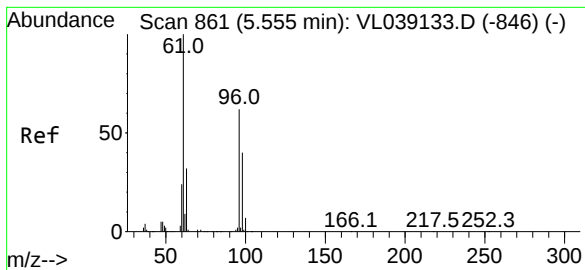


#30
Cyclohexane
Concen: 8.066 ppbv
RT: 7.137 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42



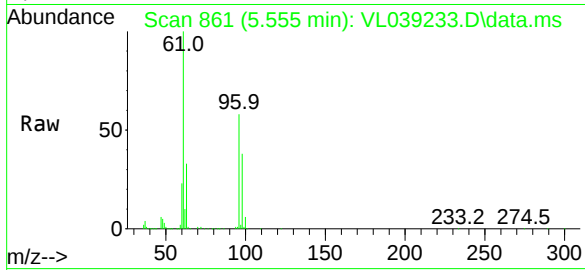
Tgt Ion: 84 Resp: 846280
Ion Ratio Lower Upper
84 100
56 140.0 110.6 165.8
41 89.1 68.9 103.3





#31
 cis-1,2-Dichloroethene
 Concen: 8.967 ppbv
 RT: 5.555 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: VL039233.D
 Acq: 8 Jun 2022 13:42

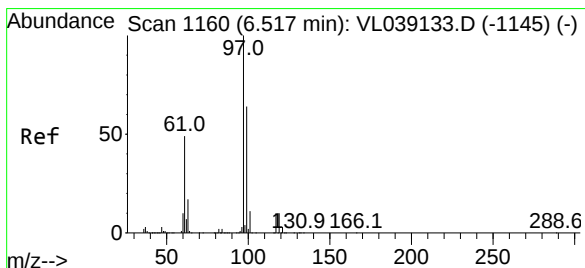
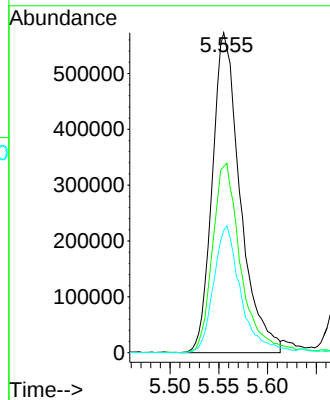
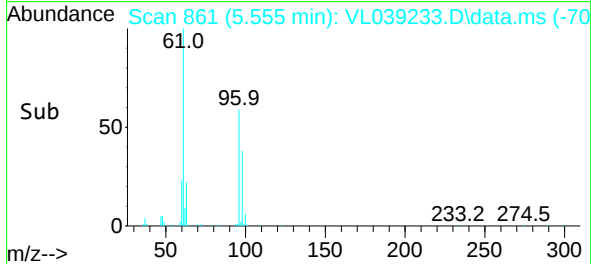
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0608ABS01



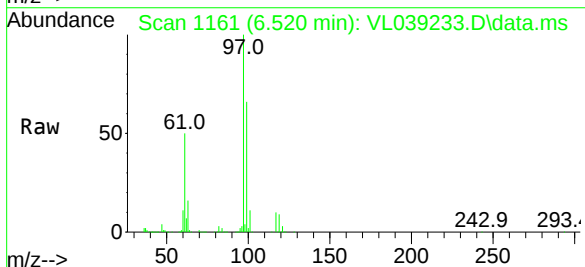
Tgt Ion: 61 Resp: 114186
 Ion Ratio Lower Upper
 61 100
 96 58.2 49.9 74.9
 98 38.1 32.0 48.0

Manual Integrations
 APPROVED

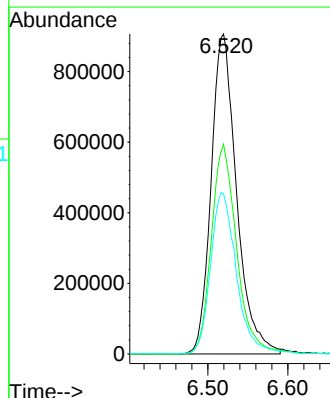
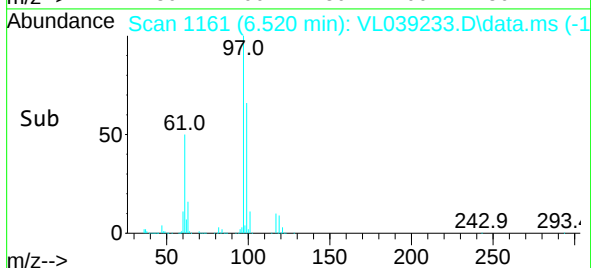
Reviewed By :Semsettin Yesilyurt 06/09/2022
 Supervised By :Mahesh Dadoda 06/09/2022

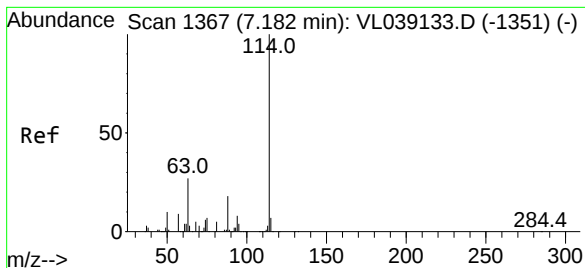


#32
 1,1,1-Trichloroethane
 Concen: 9.755 ppbv
 RT: 6.520 min Scan# 1161
 Delta R.T. 0.003 min
 Lab File: VL039233.D
 Acq: 8 Jun 2022 13:42



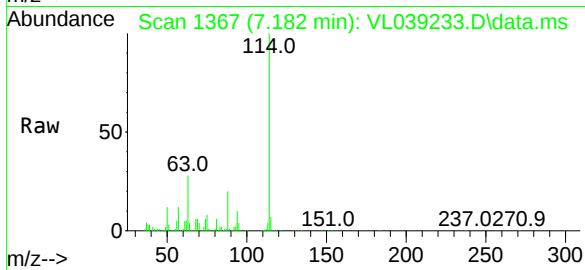
Tgt Ion: 97 Resp: 2006053
 Ion Ratio Lower Upper
 97 100
 99 65.2 52.1 78.1
 61 51.6 40.0 60.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.182 min Scan# 114
Delta R.T. -0.000 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

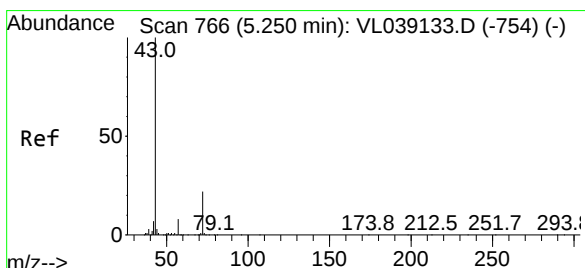
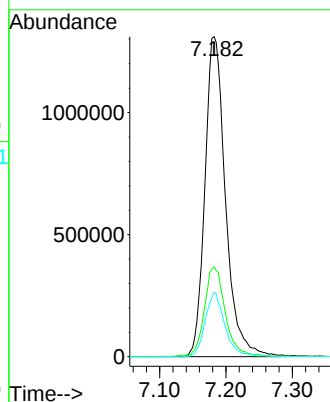
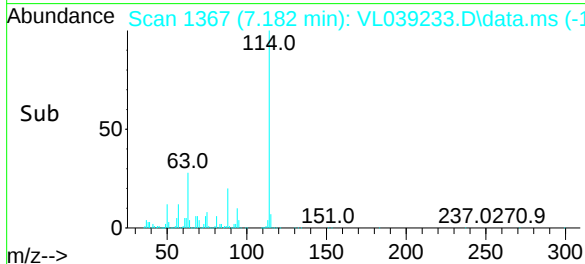
Instrument : MSVOA_L
ClientSampleId : VL0608ABS01



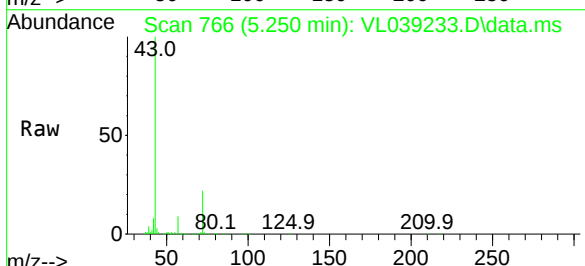
Tgt Ion:114 Resp: 282639
Ion Ratio Lower Upper
114 100
63 28.7 21.7 32.5
88 19.3 14.8 22.2

Manual Integrations
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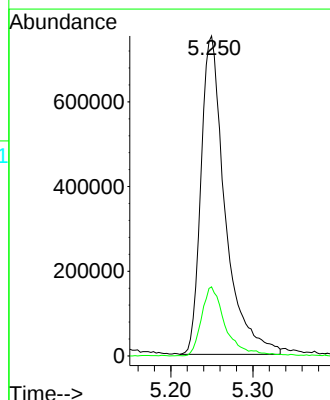
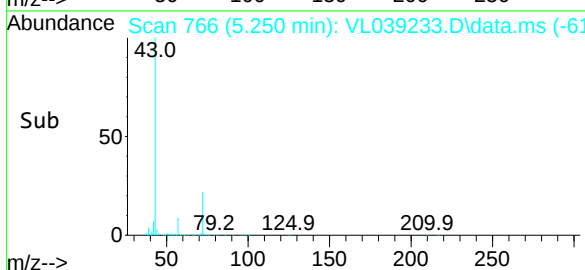
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

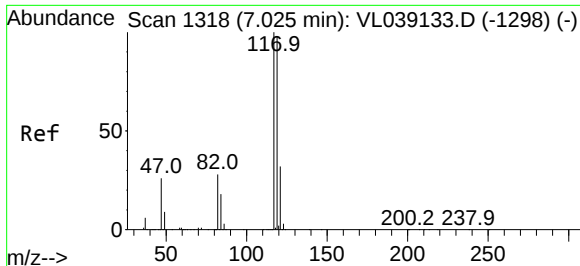


#34
2-Butanone
Concen: 10.035 ppbv
RT: 5.250 min Scan# 766
Delta R.T. -0.000 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42



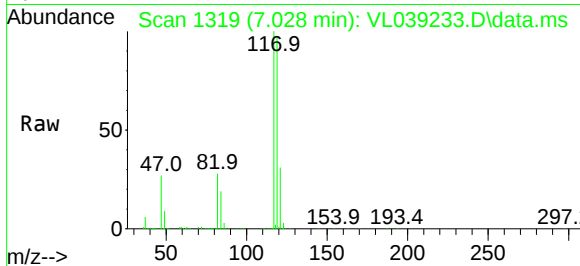
Tgt Ion: 43 Resp: 1540962
Ion Ratio Lower Upper
43 100
72 21.7 18.2 27.2





#35
Carbon Tetrachloride
Concen: 10.480 ppbv
RT: 7.028 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

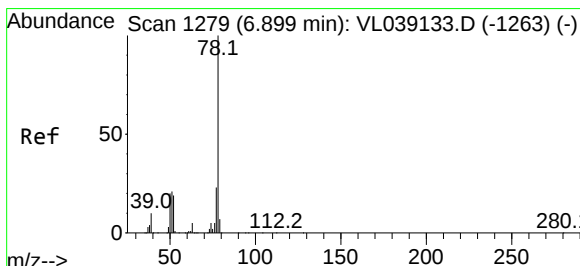
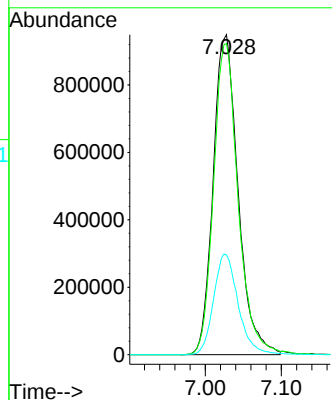
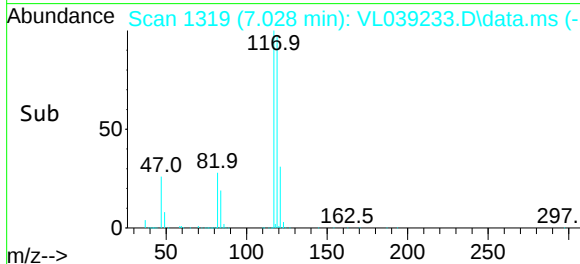
Instrument :
MSVOA_L
ClientSampleId :
VL0608ABS01



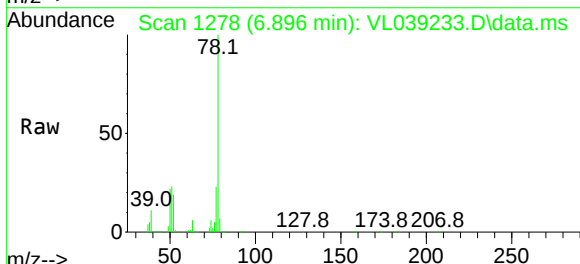
Tgt Ion: 117 Resp: 216189
Ion Ratio Lower Upper
117 100
119 97.3 78.6 118.0
121 31.2 25.4 38.0

Manual Integrations
APPROVED

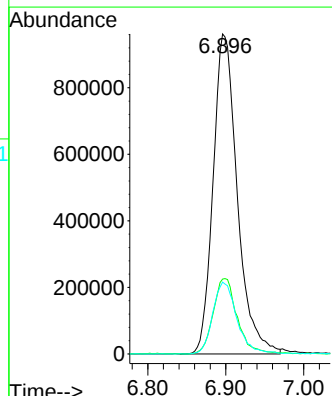
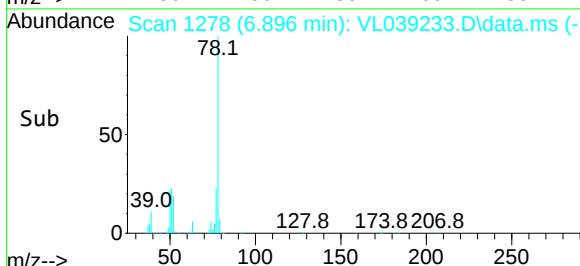
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

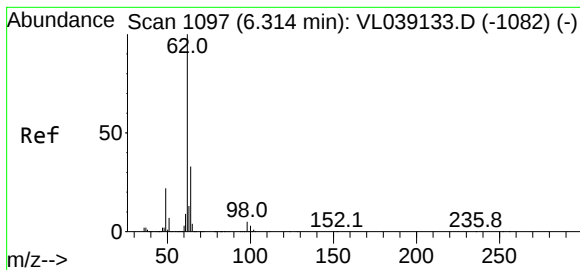


#36
Benzene
Concen: 9.033 ppbv
RT: 6.896 min Scan# 1278
Delta R.T. -0.003 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42



Tgt Ion: 78 Resp: 2072610
Ion Ratio Lower Upper
78 100
77 23.3 18.6 27.8
50 22.4 15.8 23.8





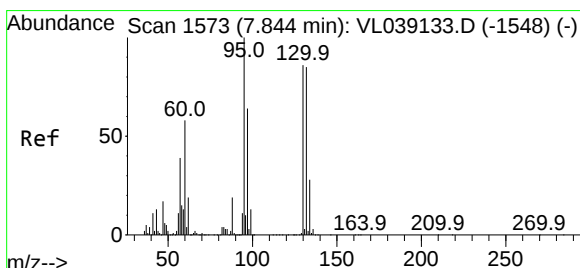
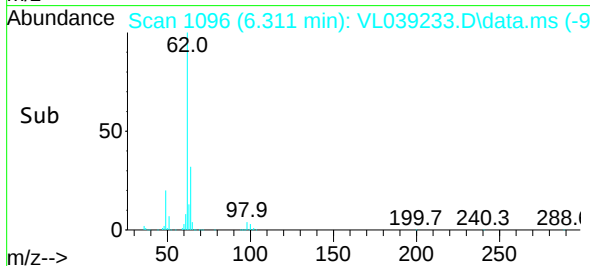
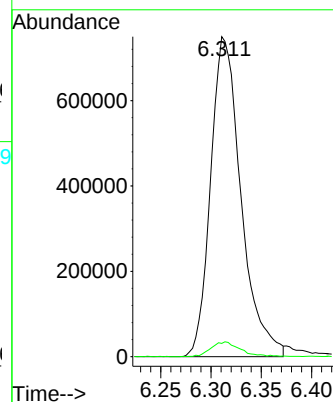
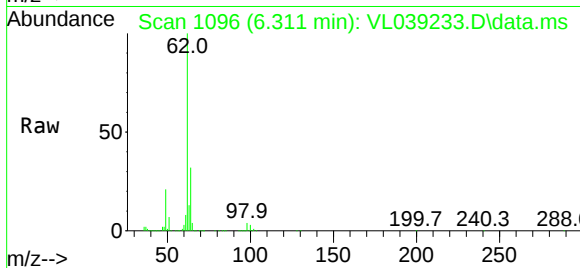
#37
1,2-Dichloroethane
Concen: 10.431 ppbv
RT: 6.311 min Scan# 1096
Delta R.T. -0.003 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

Instrument :
MSVOA_L
ClientSampleId :
VL0608ABS01

Tgt Ion: 62 Resp: 157523
Ion Ratio Lower Upper
62 100
98 4.6 4.3 6.5

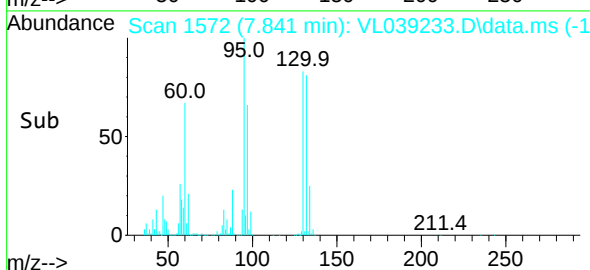
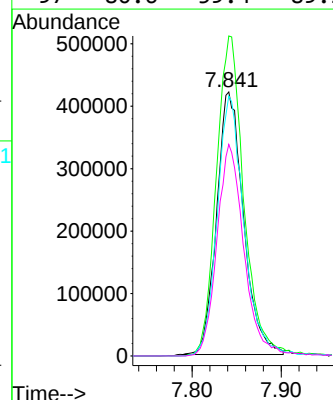
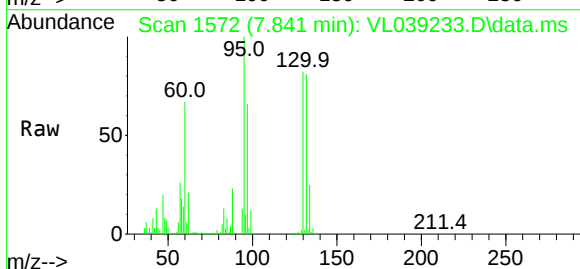
Manual Integrations
APPROVED

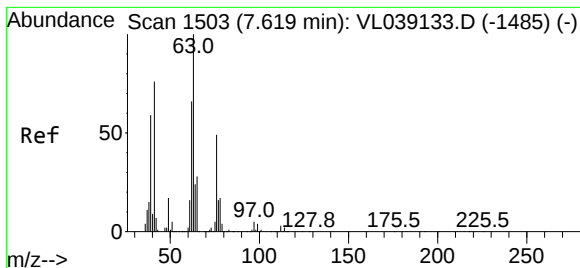
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#38
Trichloroethene
Concen: 8.353 ppbv
RT: 7.841 min Scan# 1572
Delta R.T. -0.003 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

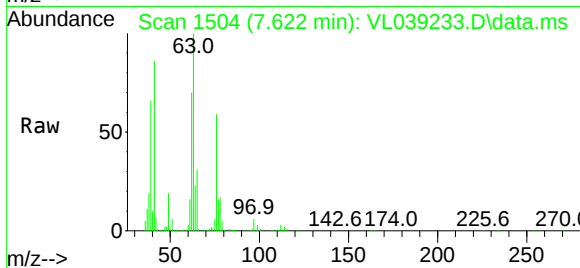
Tgt Ion:130 Resp: 880385
Ion Ratio Lower Upper
130 100
95 121.8 93.3 139.9
132 99.0 79.0 118.4
97 80.6 59.4 89.2





#39
1,2-Dichloropropane
Concen: 8.943 ppbv
RT: 7.622 min Scan# 1504
Delta R.T. 0.003 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

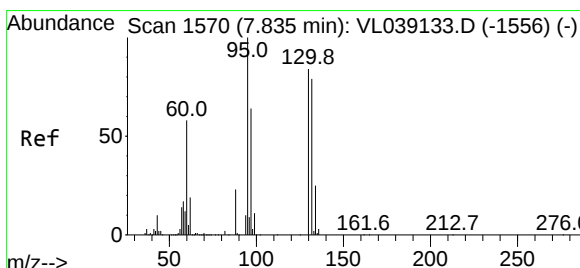
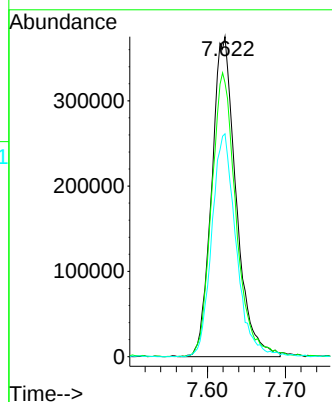
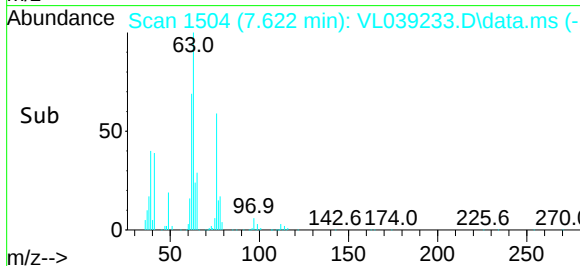
Instrument :
MSVOA_L
ClientSampleId :
VL0608ABS01



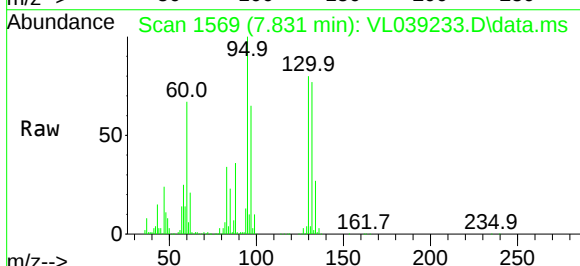
Tgt Ion: 63 Resp: 81624
Ion Ratio Lower Upper
63 100
41 85.5 60.8 91.2
62 69.5 52.9 79.3

Manual Integrations
APPROVED

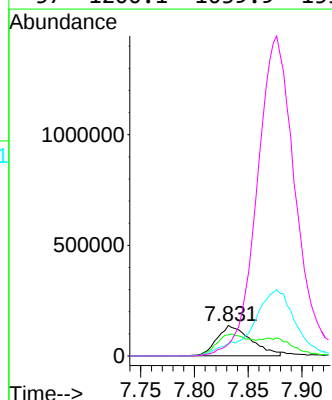
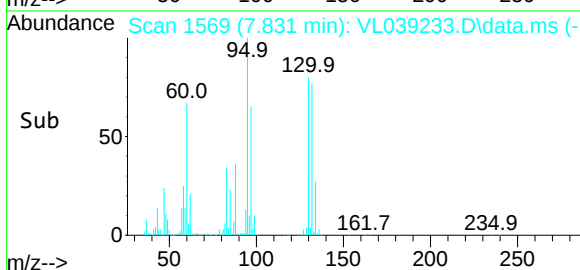
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

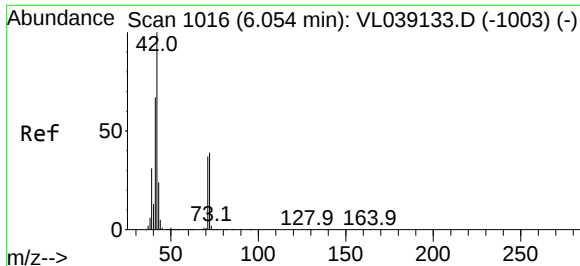


#40
1,4-Dioxane
Concen: 9.988 ppbv
RT: 7.831 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42



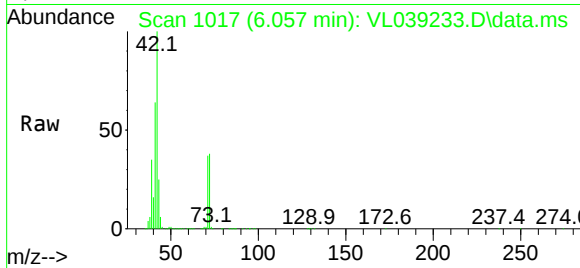
Tgt Ion: 88 Resp: 300118
Ion Ratio Lower Upper
88 100
58 132.3 111.2 166.8
43 282.1 234.2 351.4
57 1200.1 1039.9 1559.9





#41
Tetrahydrofuran
Concen: 9.092 ppbv
RT: 6.057 min Scan# 1016
Delta R.T. 0.003 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

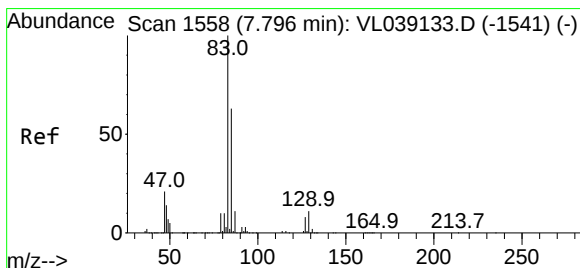
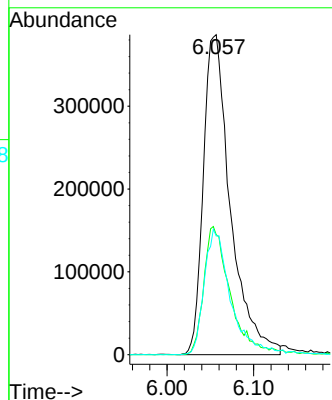
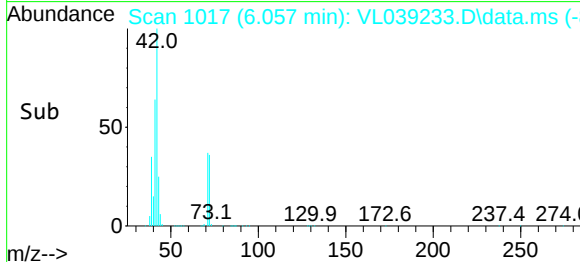
Instrument :
MSVOA_L
ClientSampleId :
VL0608ABS01



Tgt Ion: 42 Resp: 839639
Ion Ratio Lower Upper
42 100
72 39.9 32.0 48.0
71 39.3 31.1 46.7

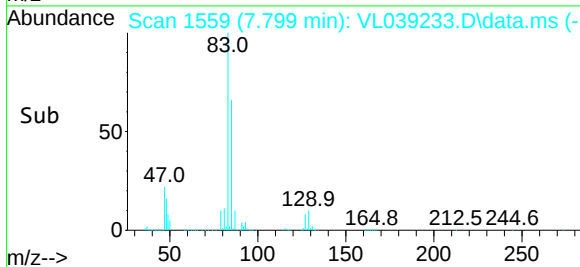
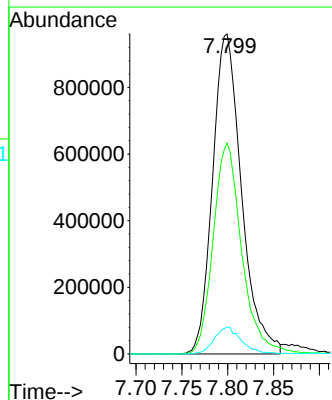
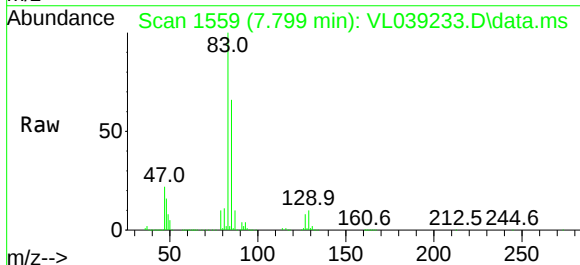
Manual Integrations
APPROVED

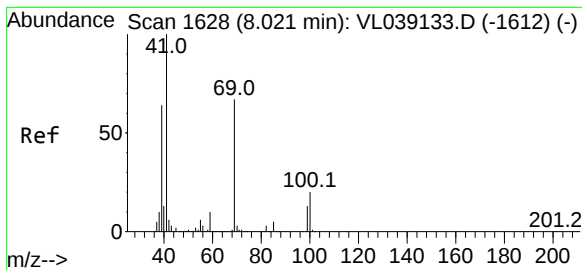
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#42
Bromodichloromethane
Concen: 10.047 ppbv
RT: 7.799 min Scan# 1559
Delta R.T. 0.003 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

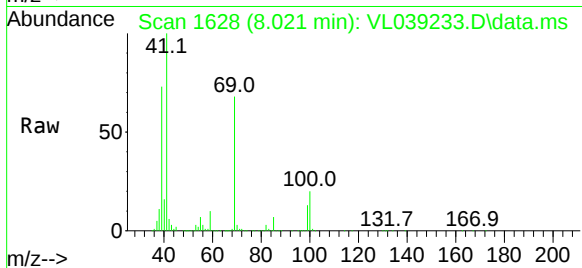
Tgt Ion: 83 Resp: 2105675
Ion Ratio Lower Upper
83 100
85 65.9 50.2 75.4
127 8.4 6.6 9.8





#43
Methyl Methacrylate
Concen: 10.428 ppbv
RT: 8.021 min Scan# 1628
Delta R.T. -0.000 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

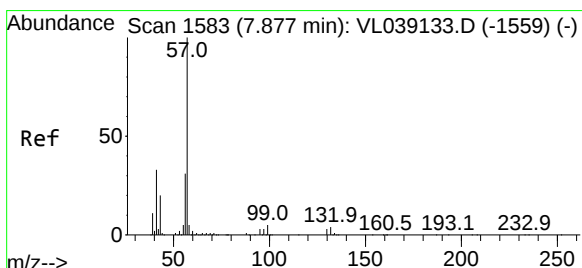
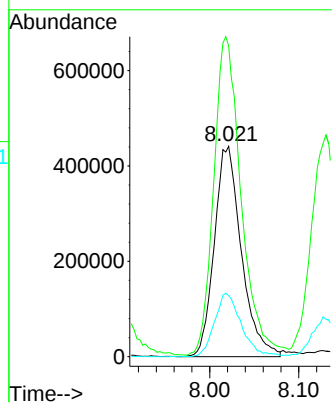
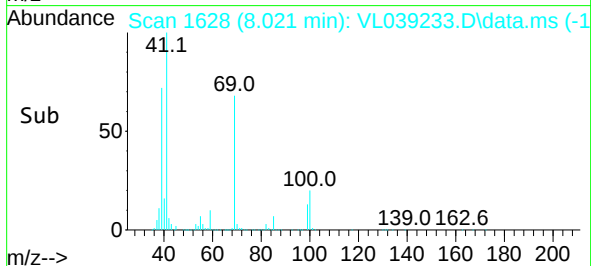
Instrument :
MSVOA_L
ClientSampleId :
VL0608ABS01



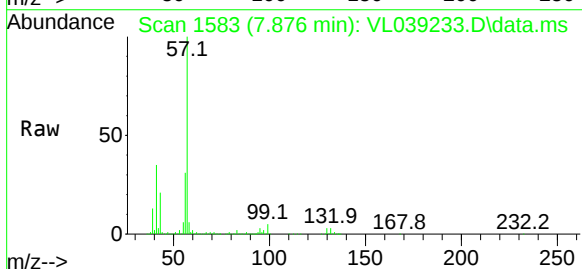
Tgt Ion: 69 Resp: 932095
Ion Ratio Lower Upper
69 100
41 154.8 121.9 182.9
100 30.0 24.1 36.1

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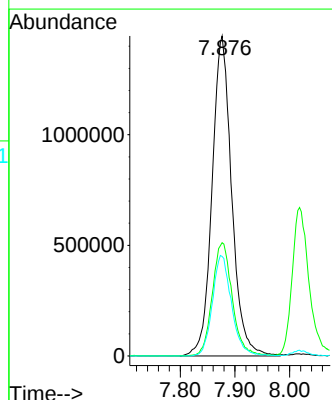
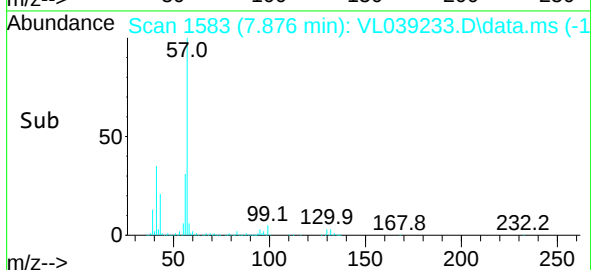
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

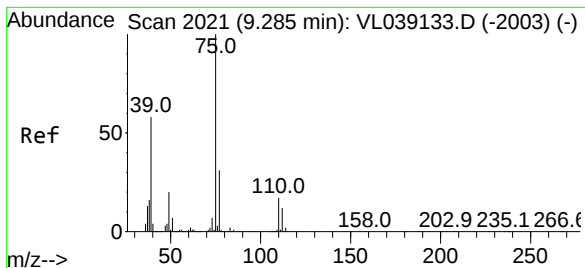


#44
2,2,4-Trimethylpentane
Concen: 8.957 ppbv
RT: 7.876 min Scan# 1583
Delta R.T. -0.000 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42



Tgt Ion: 57 Resp: 3595268
Ion Ratio Lower Upper
57 100
41 36.0 26.2 39.4
56 30.7 24.7 37.1





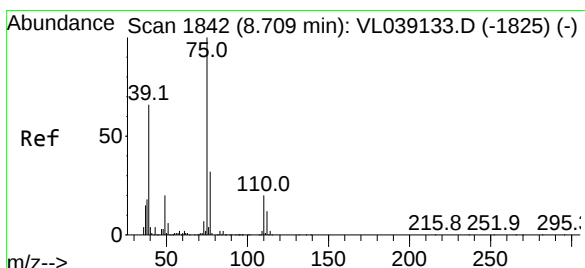
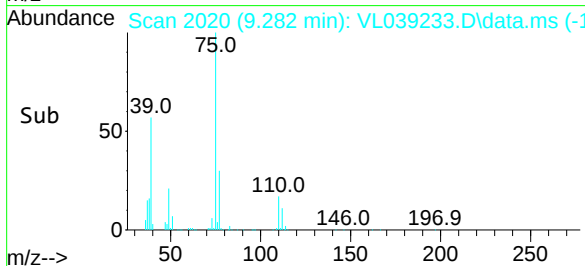
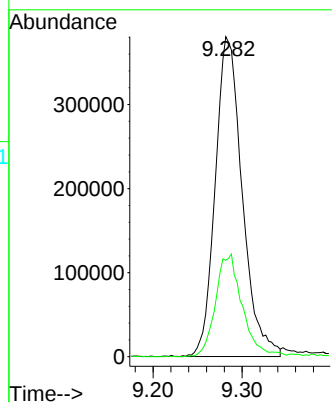
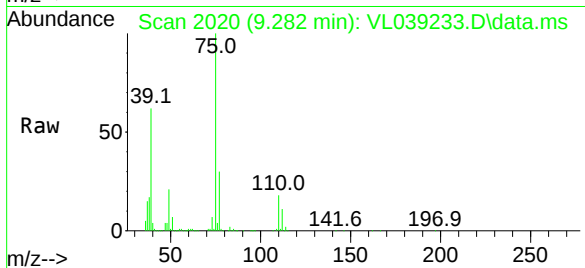
#45
t-1,3-Dichloropropene
Concen: 8.588 ppbv
RT: 9.282 min Scan# 2021
Delta R.T. -0.003 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

Instrument :
MSVOA_L
ClientSampleId :
VL0608ABS01

Tgt Ion: 75 Resp: 799449
Ion Ratio Lower Upper
75 100
77 30.2 24.4 36.6

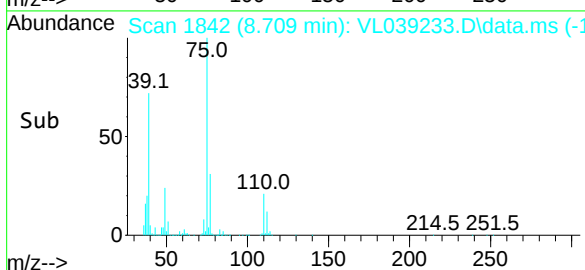
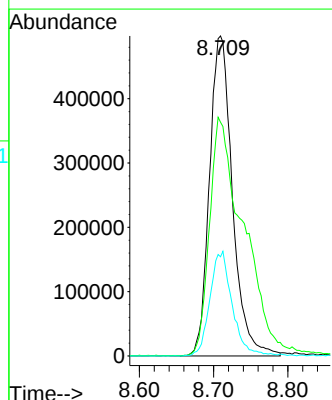
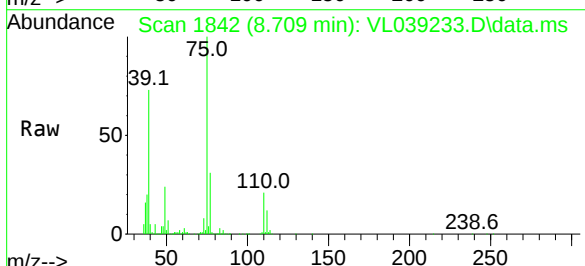
Manual Integrations
APPROVED

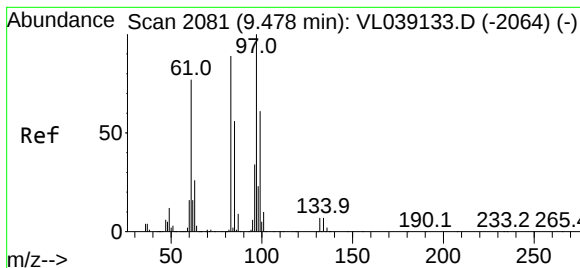
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#46
cis-1,3-Dichloropropene
Concen: 8.694 ppbv
RT: 8.709 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

Tgt Ion: 75 Resp: 1069119
Ion Ratio Lower Upper
75 100
39 72.9 52.4 78.6
77 31.0 25.5 38.3





#47

1,1,2-Trichloroethane

Concen: 9.202 ppbv

RT: 9.481 min Scan# 2081

Delta R.T. 0.003 min

Lab File: VL039233.D

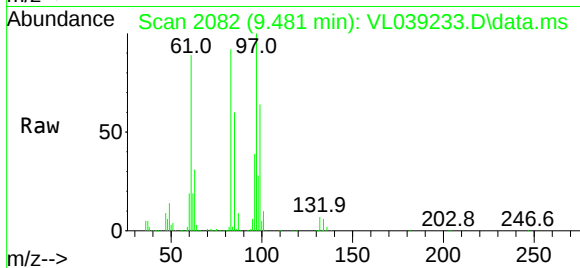
Acq: 8 Jun 2022 13:42

Instrument :

MSVOA_L

ClientSampleId :

VL0608ABS01



Tgt Ion: 97 Resp: 87619

Ion Ratio Lower Upper

97 100

83 92.0 71.6 107.4

85 59.7 44.8 67.2

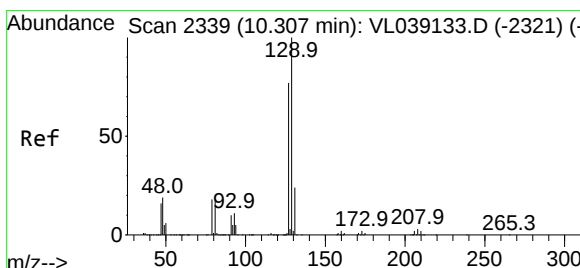
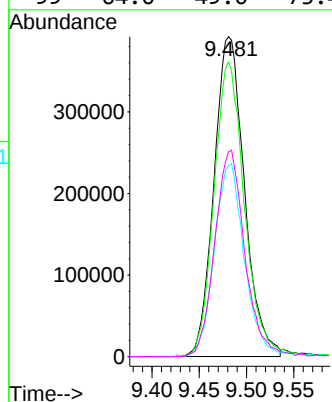
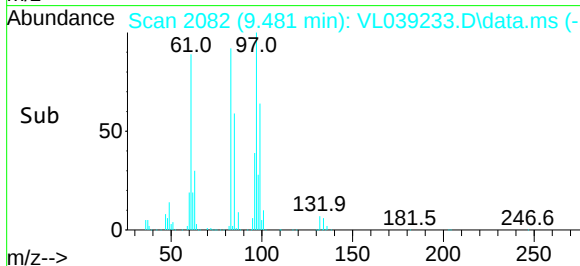
99 64.0 49.0 73.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#48

Dibromochloromethane

Concen: 10.315 ppbv

RT: 10.310 min Scan# 2340

Delta R.T. 0.003 min

Lab File: VL039233.D

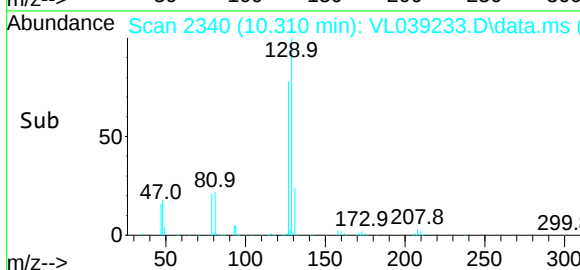
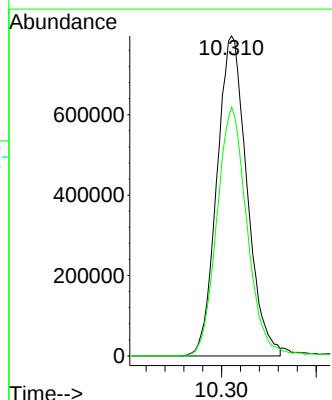
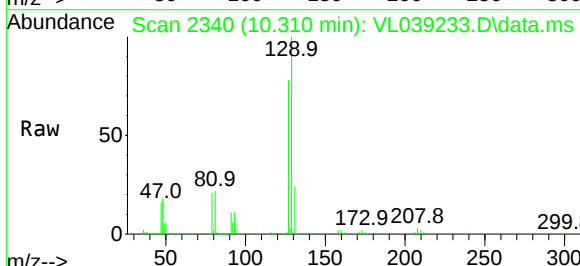
Acq: 8 Jun 2022 13:42

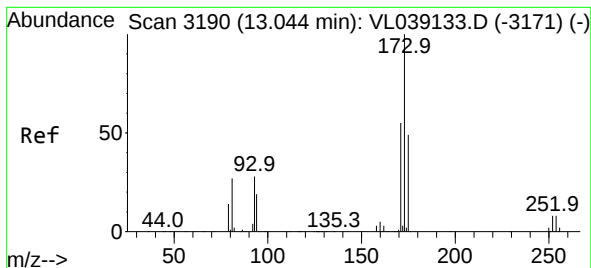
Tgt Ion:129 Resp: 1753766

Ion Ratio Lower Upper

129 100

127 78.8 40.0 119.9





#49

Bromoform

Concen: 10.415 ppbv

RT: 13.043 min Scan# 3190

Delta R.T. -0.000 min

Lab File: VL039233.D

Acq: 8 Jun 2022 13:42

Instrument :

MSVOA_L

ClientSampleId :

VL0608ABS01

Tgt Ion:173 Resp: 147575

Ion Ratio Lower Upper

173 100

175 50.0 40.2 60.2

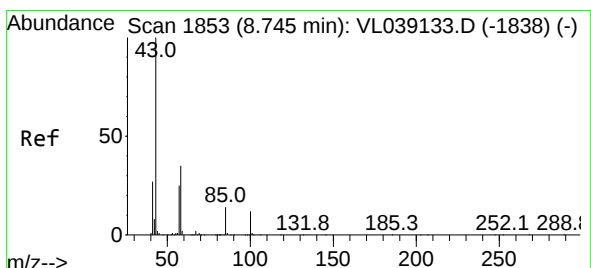
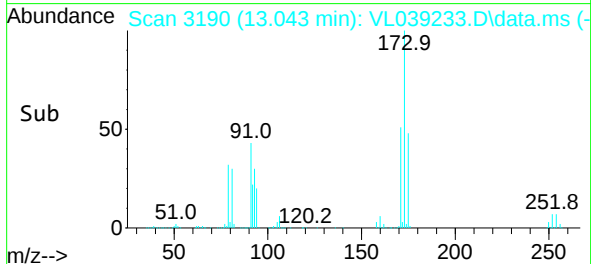
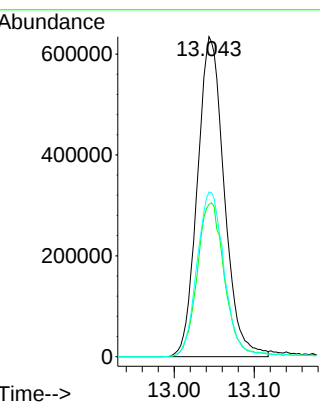
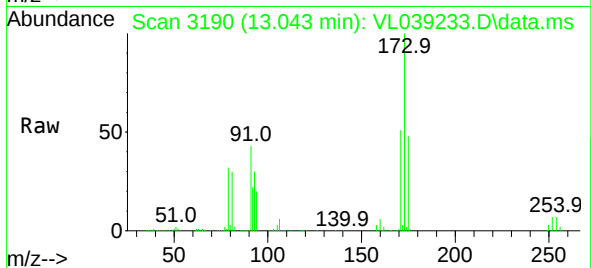
171 53.0 43.9 65.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#50

4-Methyl-2-Pentanone

Concen: 9.667 ppbv

RT: 8.748 min Scan# 1854

Delta R.T. 0.003 min

Lab File: VL039233.D

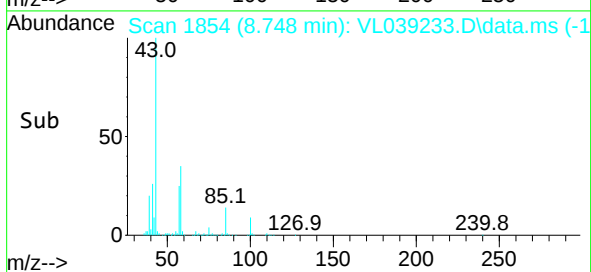
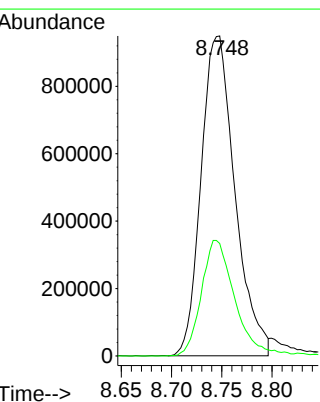
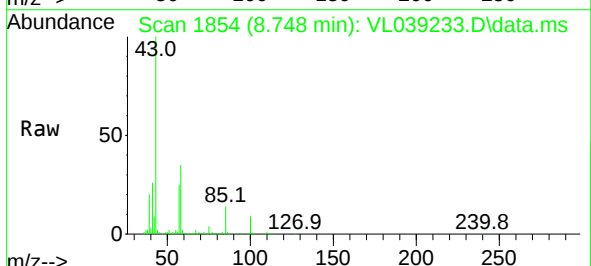
Acq: 8 Jun 2022 13:42

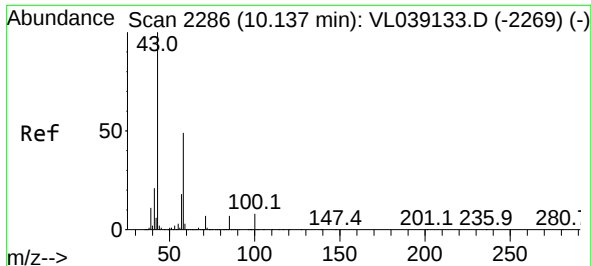
Tgt Ion: 43 Resp: 2222002

Ion Ratio Lower Upper

43 100

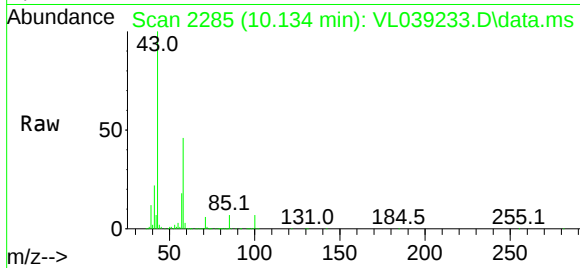
58 36.4 28.7 43.1





#51
2-Hexanone
Concen: 9.813 ppbv
RT: 10.134 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

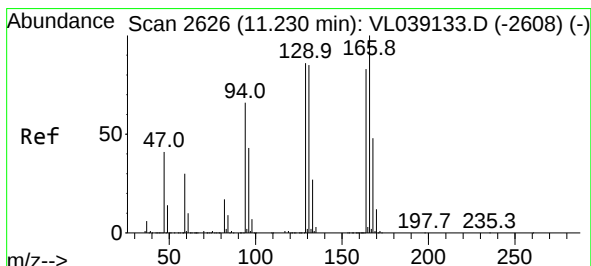
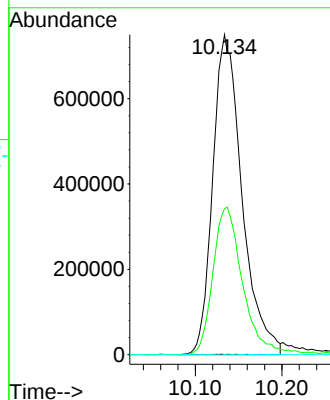
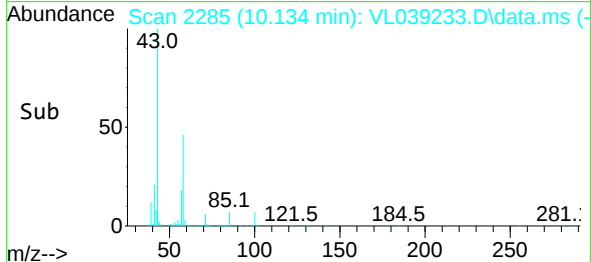
Instrument :
MSVOA_L
ClientSampleId :
VL0608ABS01



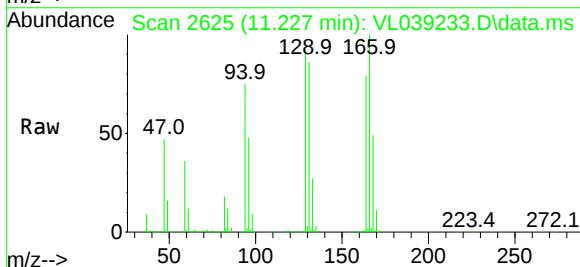
Tgt Ion: 43 Resp: 1754980
Ion Ratio Lower Upper
43 100
58 47.2 40.0 60.0
98 0.2 0.1 0.1

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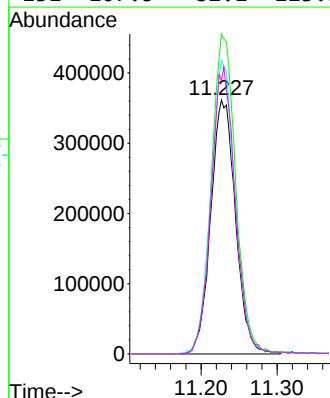
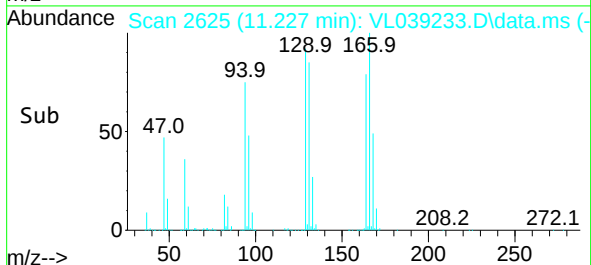
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

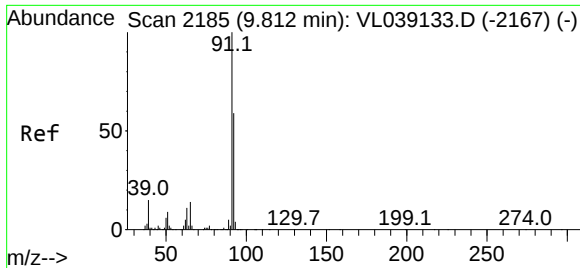


#52
Tetrachloroethene
Concen: 9.104 ppbv
RT: 11.227 min Scan# 2625
Delta R.T. -0.003 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42



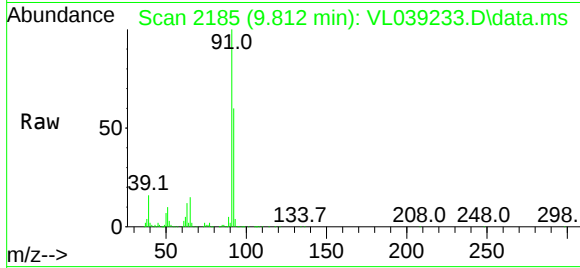
Tgt Ion:164 Resp: 815683
Ion Ratio Lower Upper
164 100
166 125.9 96.3 144.5
129 115.5 82.5 123.7
131 107.5 82.1 123.1





#53
Toluene
Concen: 9.297 ppbv
RT: 9.812 min Scan# 2185
Delta R.T. -0.000 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

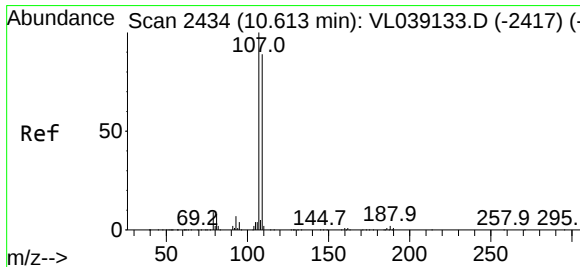
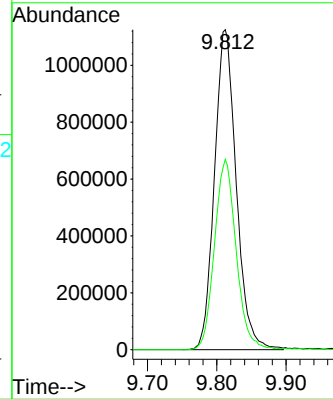
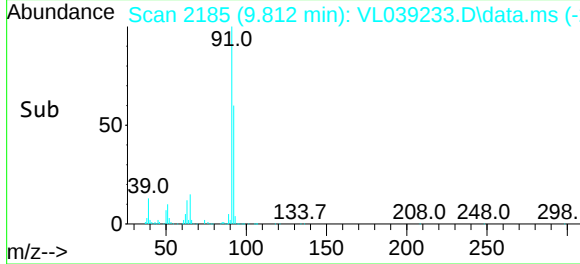
Instrument : MSVOA_L
ClientSampleId : VL0608ABS01



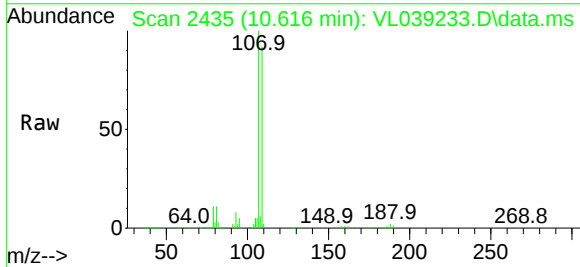
Tgt Ion: 91 Resp: 2456429
Ion Ratio Lower Upper
91 100
92 59.5 48.1 72.1

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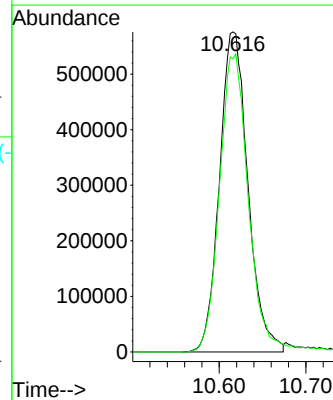
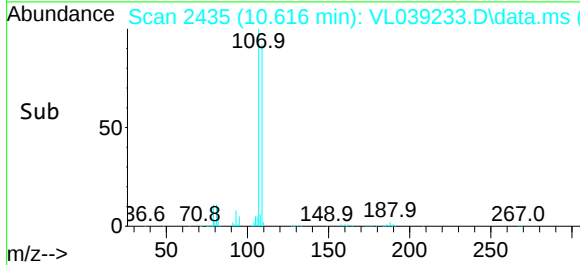
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

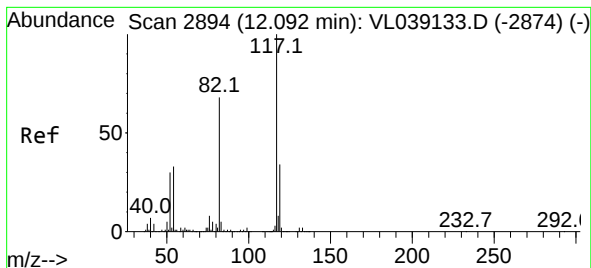


#54
1,2-Dibromoethane
Concen: 10.256 ppbv
RT: 10.616 min Scan# 2435
Delta R.T. 0.003 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42



Tgt Ion:107 Resp: 1312319
Ion Ratio Lower Upper
107 100
109 91.6 71.4 107.0





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.092 min Scan# 2894

Delta R.T. -0.000 min

Lab File: VL039233.D

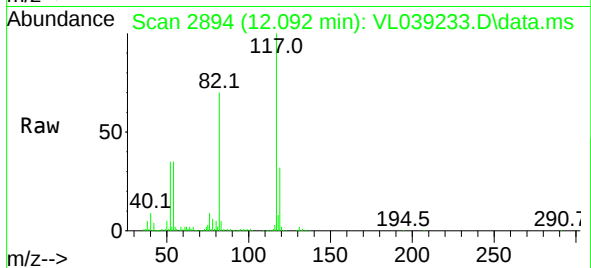
Acq: 8 Jun 2022 13:42

Instrument :

MSVOA_L

ClientSampleId :

VL0608ABS01



Tgt Ion:117 Resp: 261763

Ion Ratio Lower Upper

117 100

82 73.7 55.1 82.7

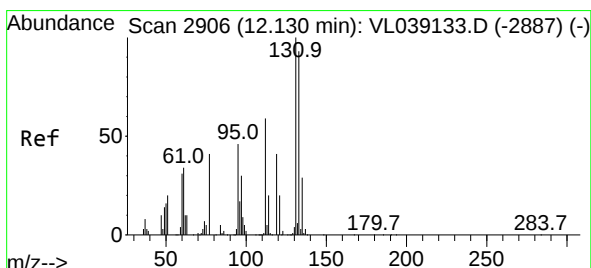
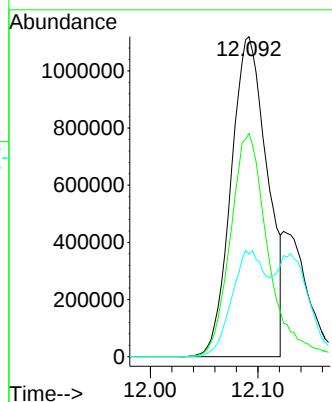
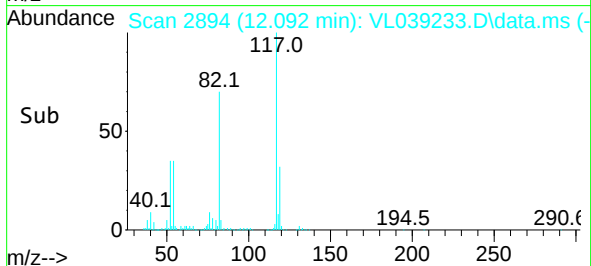
119 31.1 24.7 37.1

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Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 10.516 ppbv

RT: 12.130 min Scan# 2906

Delta R.T. -0.000 min

Lab File: VL039233.D

Acq: 8 Jun 2022 13:42

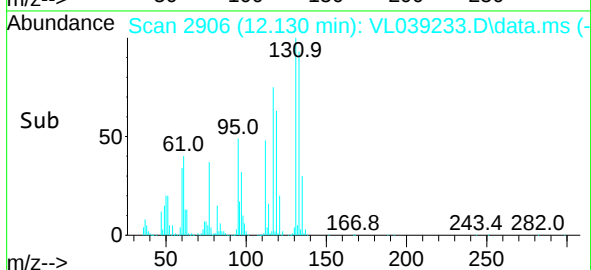
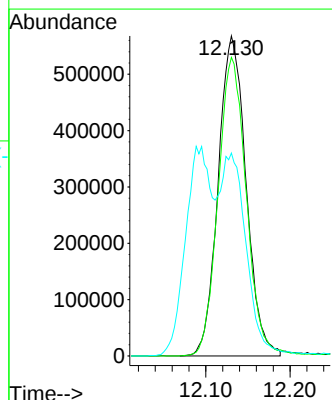
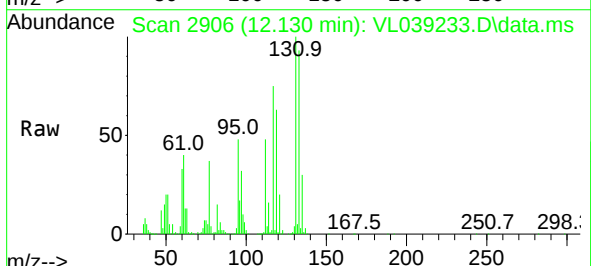
Tgt Ion:131 Resp: 1302504

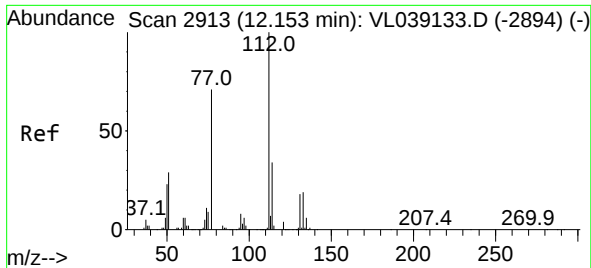
Ion Ratio Lower Upper

131 100

133 95.3 78.6 117.8

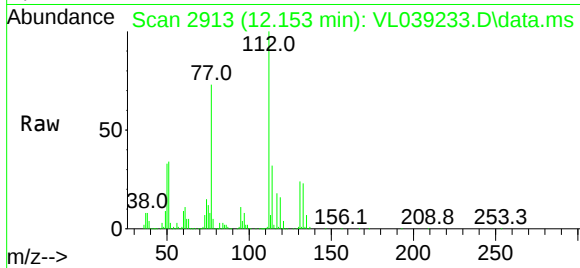
119 62.1 51.7 77.5





#57
Chlorobenzene
Concen: 9.525 ppbv
RT: 12.153 min Scan# 2913
Delta R.T. -0.000 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

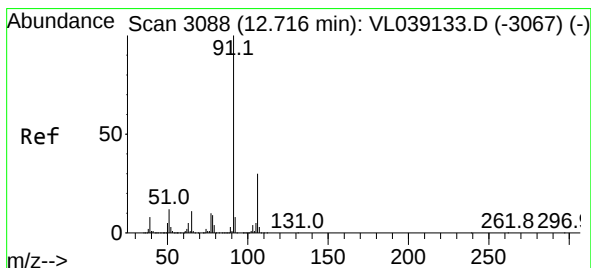
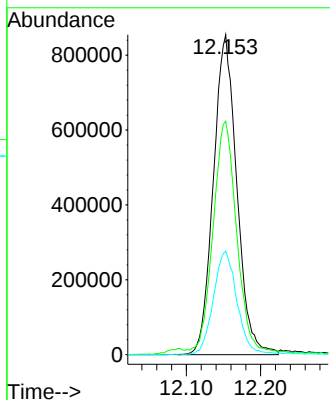
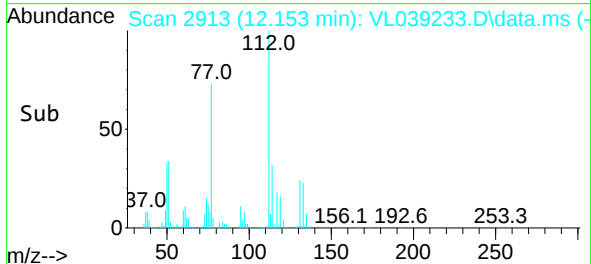
Instrument :
MSVOA_L
ClientSampleId :
VL0608ABS01



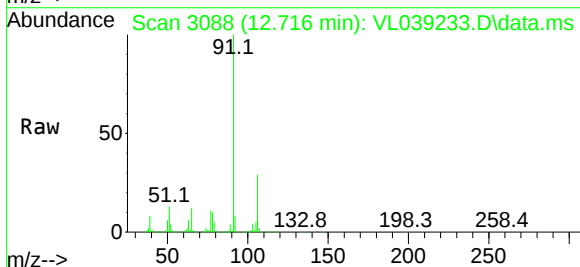
Tgt Ion: 112 Resp: 1875950
Ion Ratio Lower Upper
112 100
77 72.1 56.5 84.7
114 32.2 30.3 37.1

Manual Integrations
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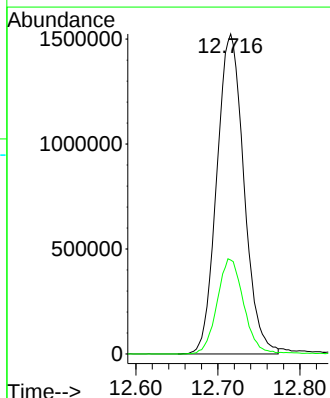
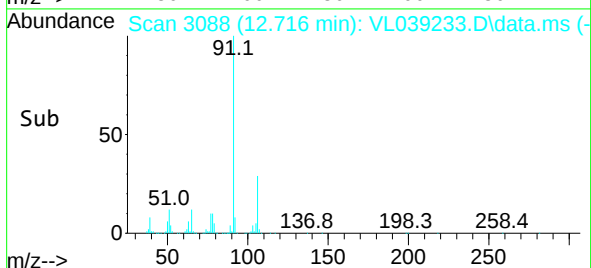
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

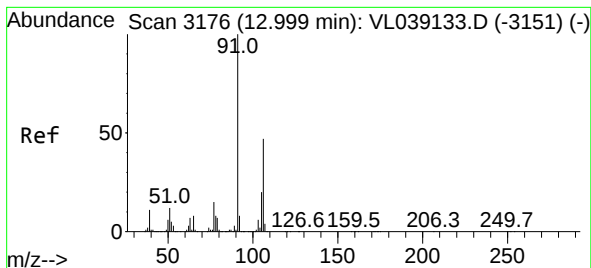


#58
Ethyl Benzene
Concen: 9.720 ppbv
RT: 12.716 min Scan# 3088
Delta R.T. -0.000 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42



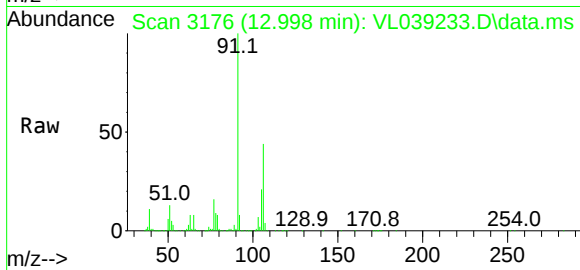
Tgt Ion: 91 Resp: 3504545
Ion Ratio Lower Upper
91 100
106 29.3 24.2 36.4





#59
m/p-Xylene
Concen: 19.824 ppbv m
RT: 12.998 min Scan# 3176
Delta R.T. -0.000 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

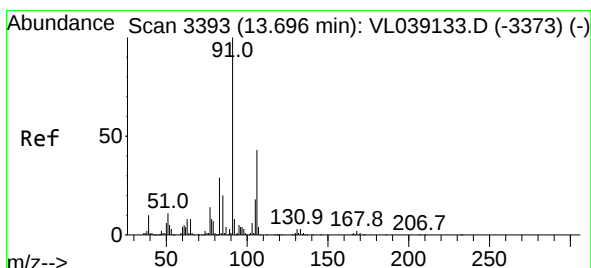
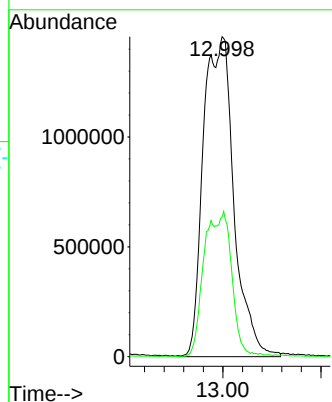
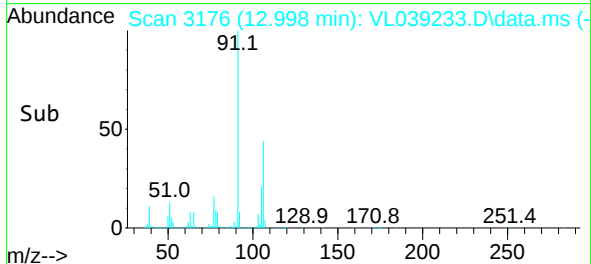
Instrument : MSVOA_L
ClientSampleId : VL0608ABS01



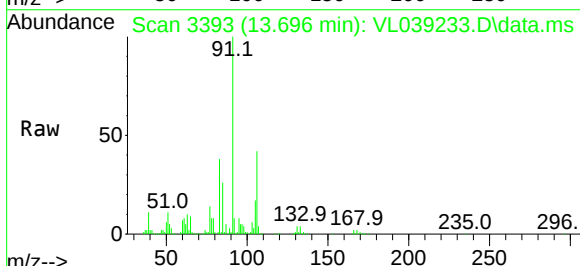
Tgt Ion: 91 Resp: 629441
Ion Ratio Lower Upper
91 100
106 41.4 34.3 51.5

Manual Integrations
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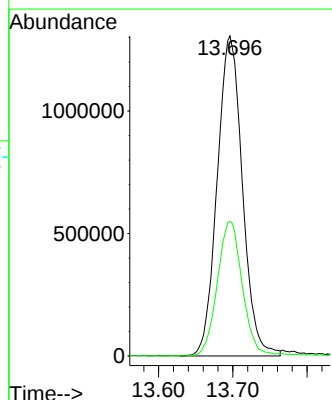
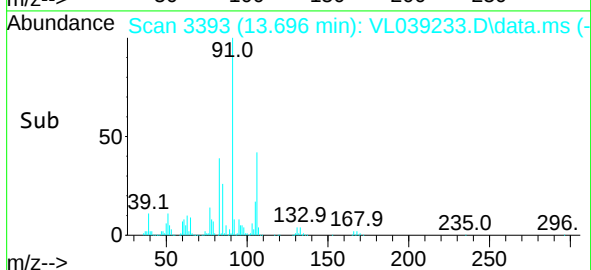
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

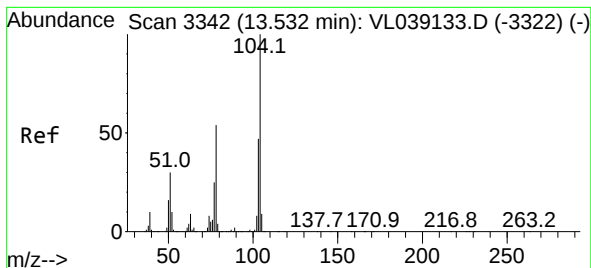


#60
o-Xylene
Concen: 10.337 ppbv
RT: 13.696 min Scan# 3393
Delta R.T. -0.000 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42



Tgt Ion: 91 Resp: 3084058
Ion Ratio Lower Upper
91 100
106 42.3 22.3 66.9





#61

Styrene

Concen: 9.902 ppbv

RT: 13.529 min Scan# 3342

Delta R.T. -0.003 min

Lab File: VL039233.D

Acq: 8 Jun 2022 13:42

Instrument :

MSVOA_L

ClientSampleId :

VL0608ABS01

Tgt Ion:104 Resp: 1582128

Ion Ratio Lower Upper

104 100

78 60.5 45.7 68.5

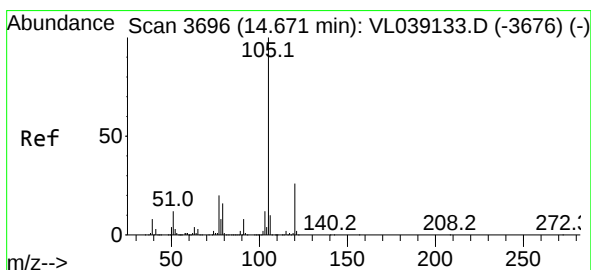
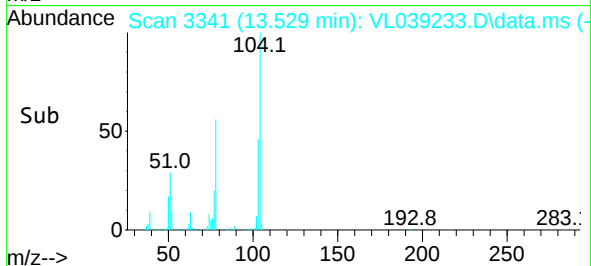
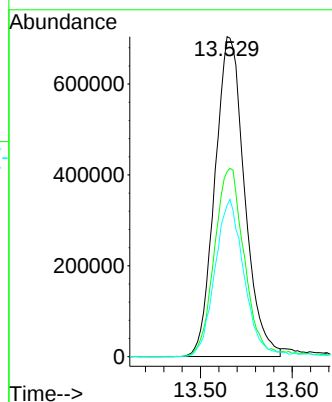
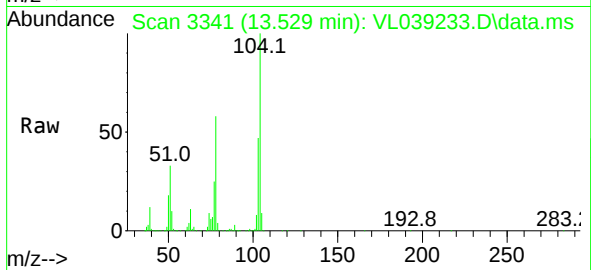
103 48.9 39.6 59.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#62

Isopropylbenzene

Concen: 10.382 ppbv

RT: 14.670 min Scan# 3696

Delta R.T. -0.000 min

Lab File: VL039233.D

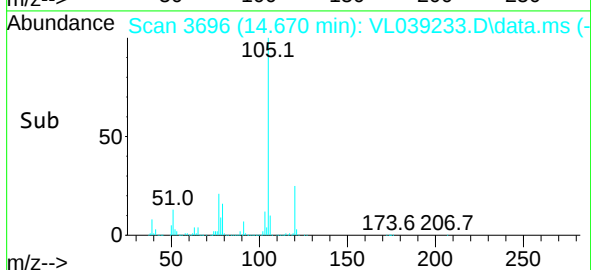
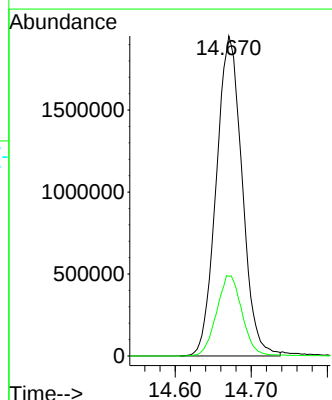
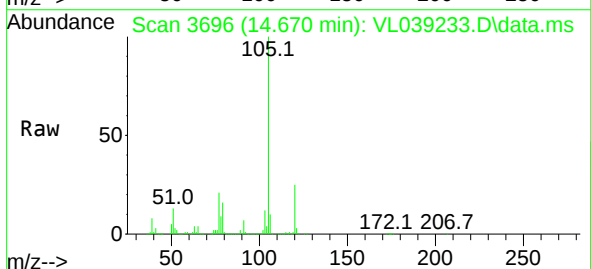
Acq: 8 Jun 2022 13:42

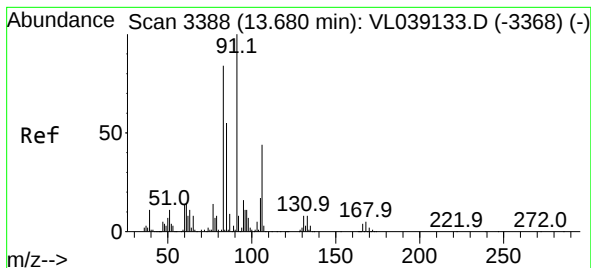
Tgt Ion:105 Resp: 4603813

Ion Ratio Lower Upper

105 100

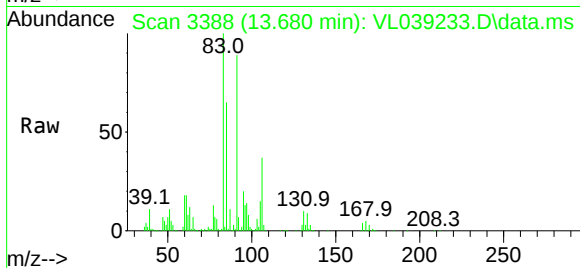
120 25.0 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 11.913 ppbv
RT: 13.680 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

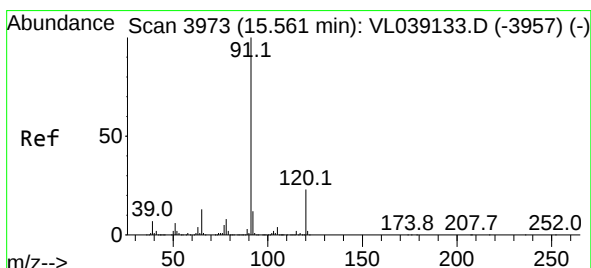
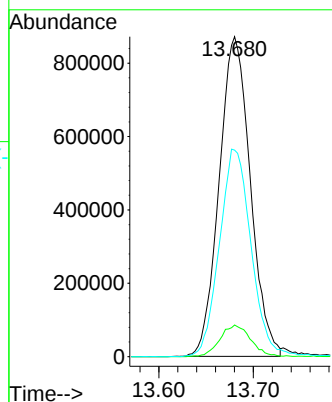
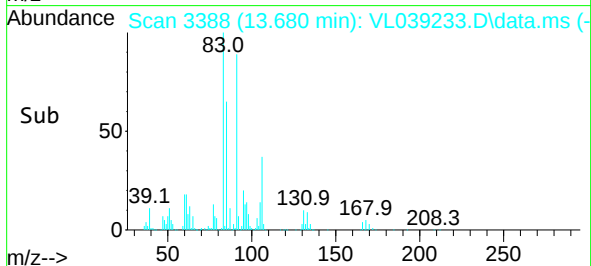
Instrument :
MSVOA_L
ClientSampleId :
VL0608ABS01



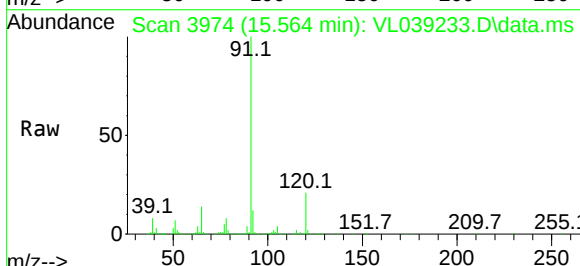
Tgt Ion: 83 Resp: 199503
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.3
85 66.5 33.0 99.0

Manual Integrations
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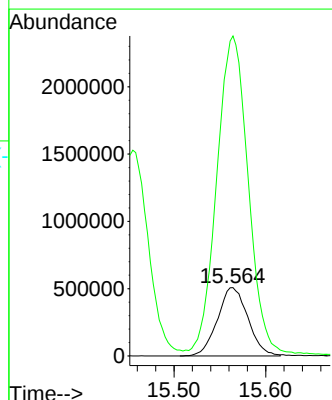
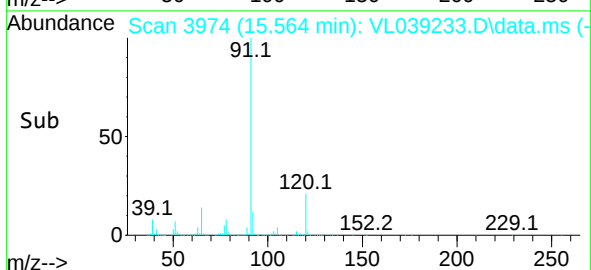
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

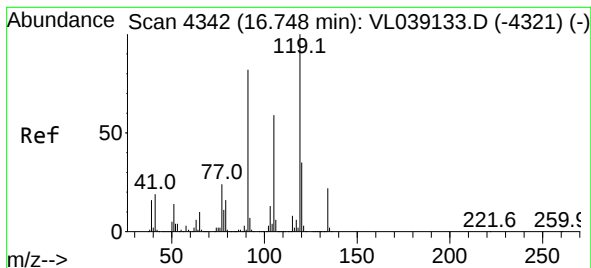


#64
n-propylbenzene
Concen: 10.741 ppbv
RT: 15.564 min Scan# 3974
Delta R.T. 0.003 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42



Tgt Ion:120 Resp: 1170884
Ion Ratio Lower Upper
120 100
91 491.6 388.4 582.6





#65

tert-Butylbenzene

Concen: 10.580 ppbv

RT: 16.744 min Scan# 41

Delta R.T. -0.003 min

Lab File: VL039233.D

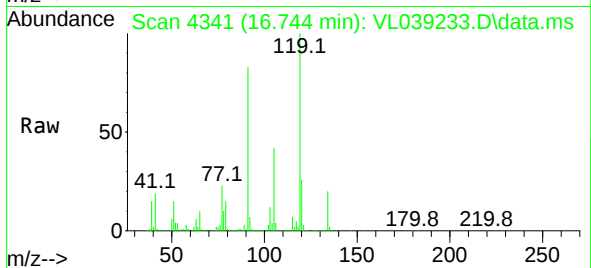
Acq: 8 Jun 2022 13:42

Instrument :

MSVOA_L

ClientSampleId :

VL0608ABS01



Tgt Ion: 119 Resp: 429017

Ion Ratio Lower Upper

119 100

91 87.3 67.1 100.7

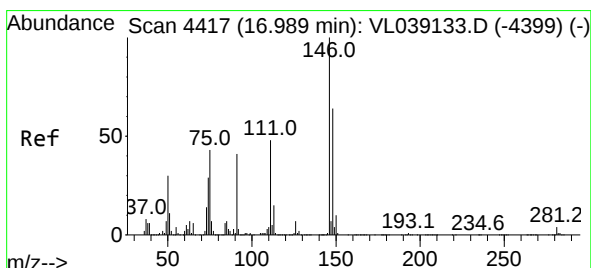
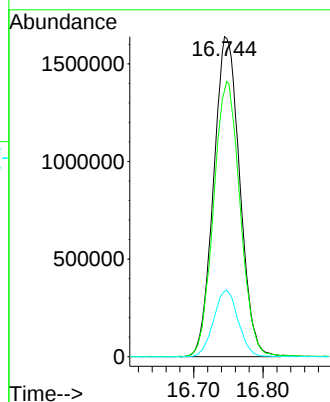
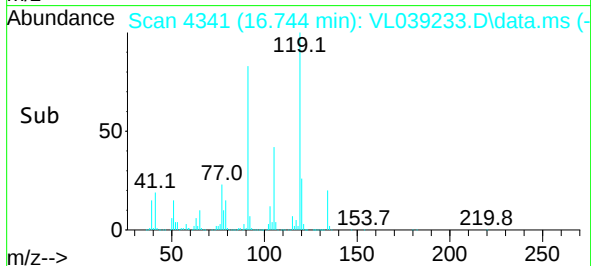
134 19.6 15.8 23.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#66

Benzyl Chloride

Concen: 6.087 ppbv

RT: 16.992 min Scan# 4418

Delta R.T. 0.003 min

Lab File: VL039233.D

Acq: 8 Jun 2022 13:42

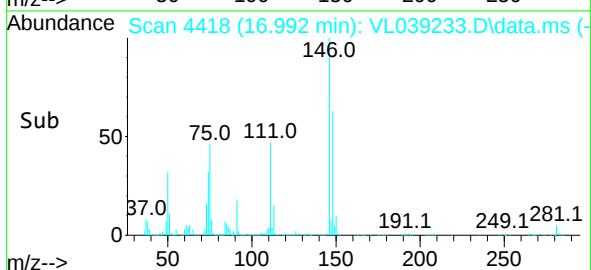
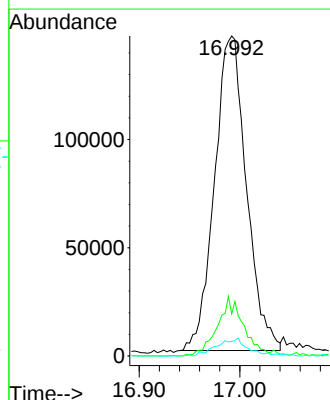
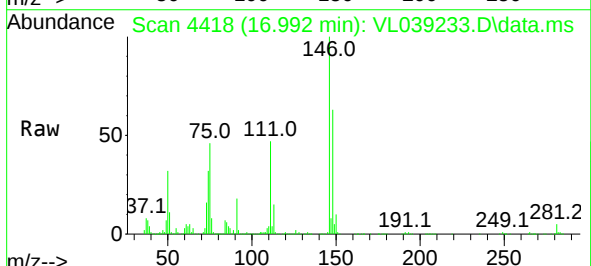
Tgt Ion: 91 Resp: 320958

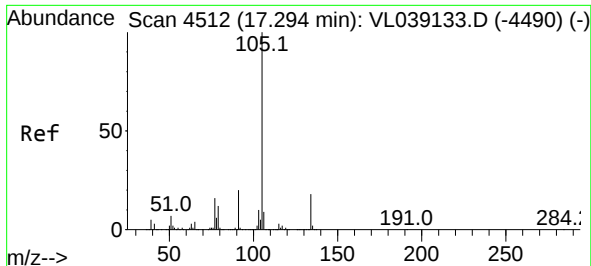
Ion Ratio Lower Upper

91 100

126 16.3 13.4 20.0

128 5.7 4.1 6.1





#67

sec-Butylbenzene

Concen: 10.725 ppbv

RT: 17.294 min Scan# 4512

Delta R.T. -0.000 min

Lab File: VL039233.D

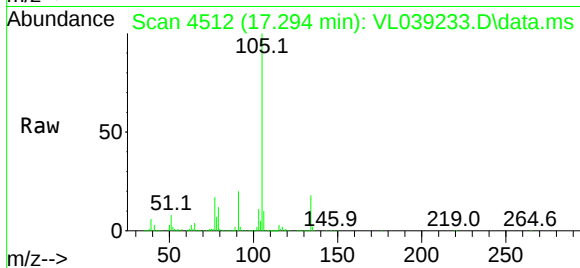
Acq: 8 Jun 2022 13:42

Instrument :

MSVOA_L

ClientSampleId :

VL0608ABS01



Tgt Ion:105 Resp: 593385

Ion Ratio Lower Upper

105 100

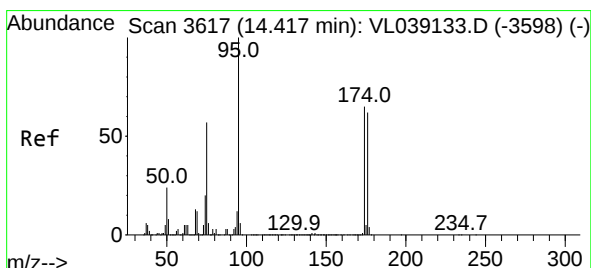
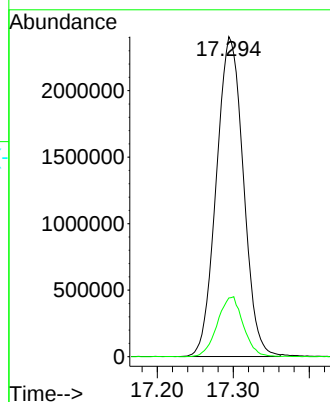
134 18.0 14.4 21.6

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 11.024 ppbv

RT: 14.420 min Scan# 3618

Delta R.T. 0.003 min

Lab File: VL039233.D

Acq: 8 Jun 2022 13:42

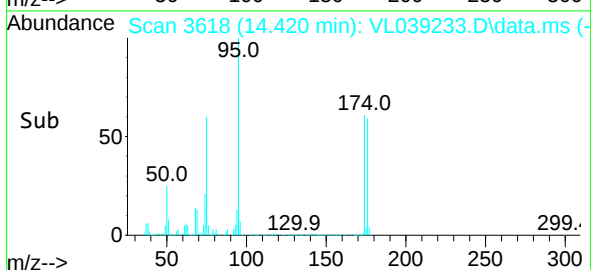
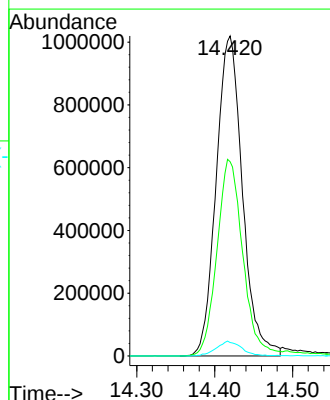
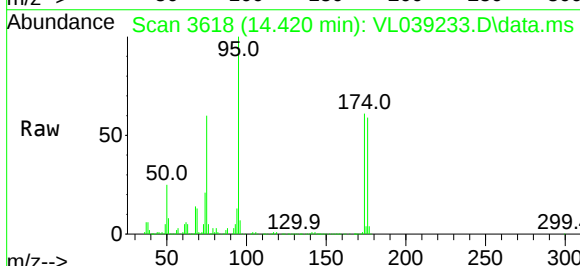
Tgt Ion: 95 Resp: 2385702

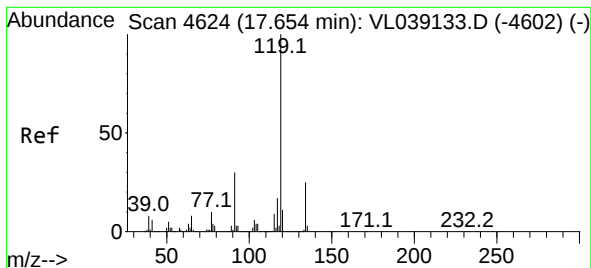
Ion Ratio Lower Upper

95 100

174 62.4 53.8 80.8

175 4.6 4.1 6.1





#69

p-Isopropyltoluene

Concen: 10.809 ppbv

RT: 17.651 min Scan# 4624

Delta R.T. -0.003 min

Lab File: VL039233.D

Acq: 8 Jun 2022 13:42

Instrument :

MSVOA_L

ClientSampleId :

VL0608ABS01

Tgt Ion:119 Resp: 504574

Ion Ratio Lower Upper

119 100

134 24.7 20.4 30.6

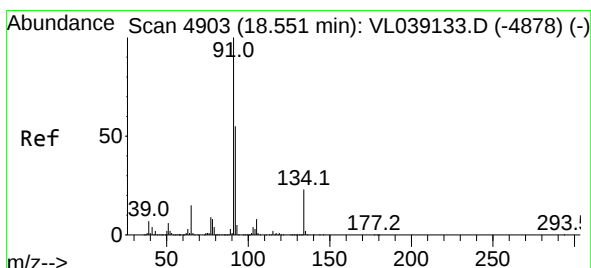
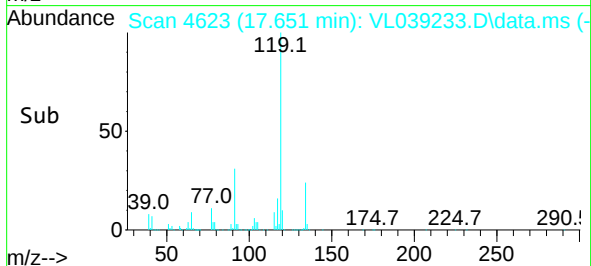
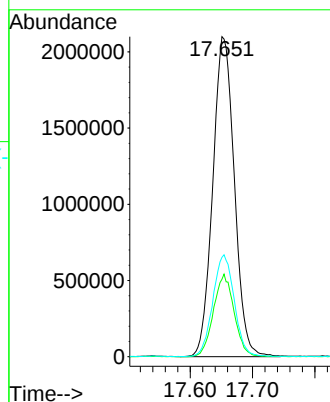
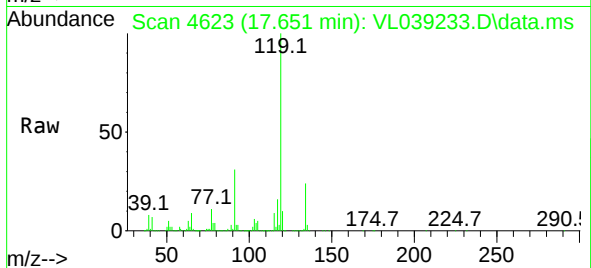
91 31.7 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#70

n-Butylbenzene

Concen: 11.117 ppbv

RT: 18.551 min Scan# 4903

Delta R.T. -0.000 min

Lab File: VL039233.D

Acq: 8 Jun 2022 13:42

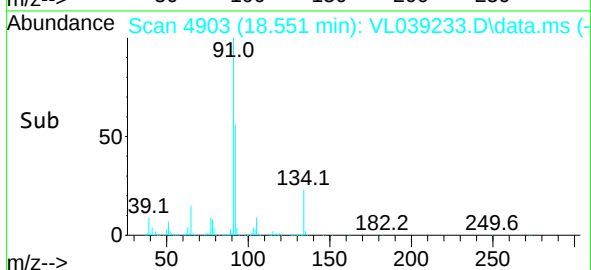
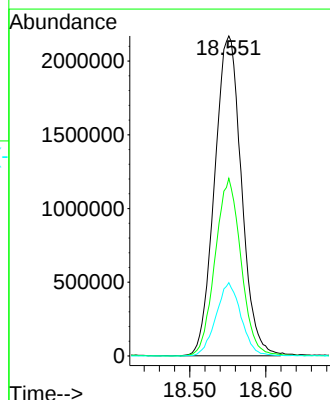
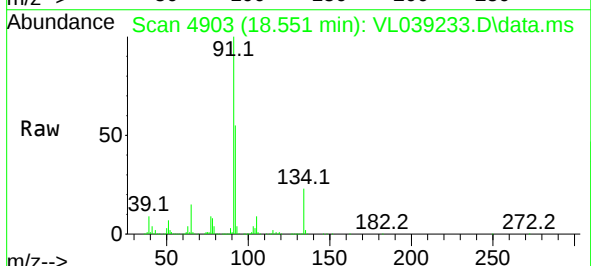
Tgt Ion: 91 Resp: 5326611

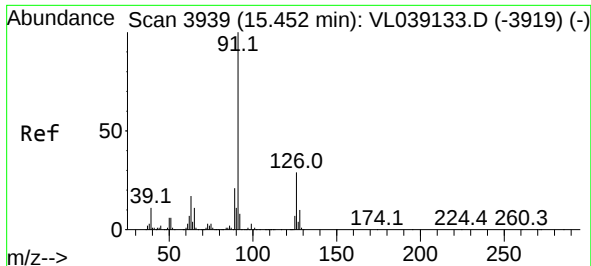
Ion Ratio Lower Upper

91 100

92 53.6 43.6 65.4

134 21.6 17.7 26.5





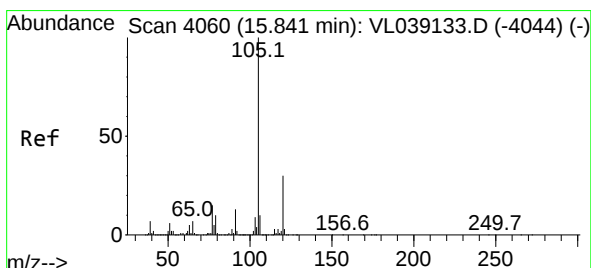
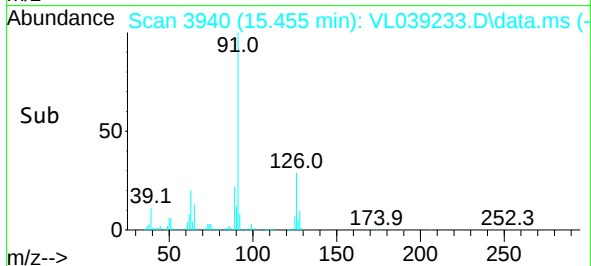
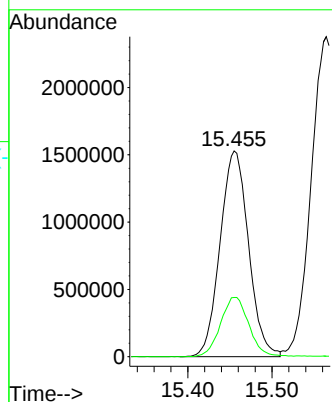
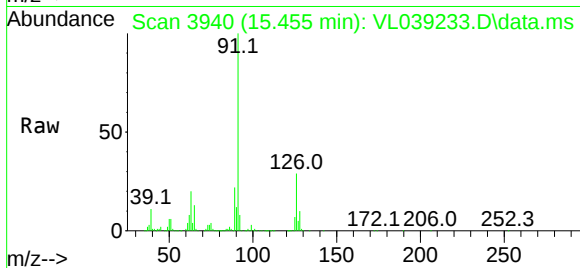
#71
2-Chlorotoluene
Concen: 10.595 ppbv
RT: 15.455 min Scan# 3939
Delta R.T. 0.003 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

Instrument :
MSVOA_L
ClientSampleId :
VL0608ABS01

Tgt Ion: 91 Resp: 358285
Ion Ratio Lower Upper
91 100
126 29.3 12.2 48.6

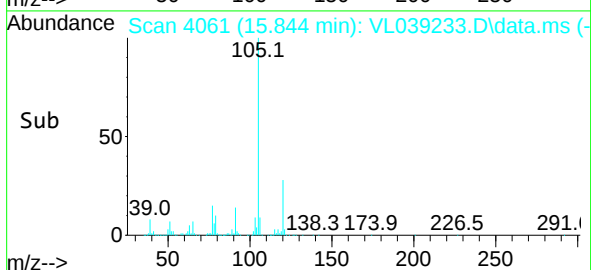
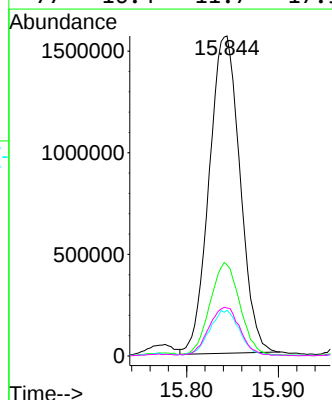
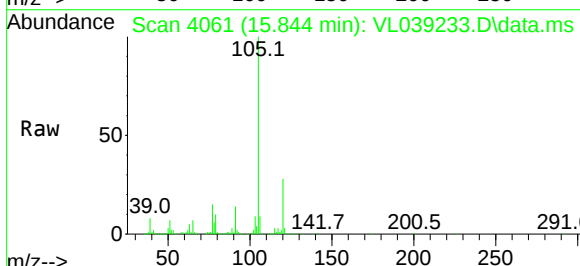
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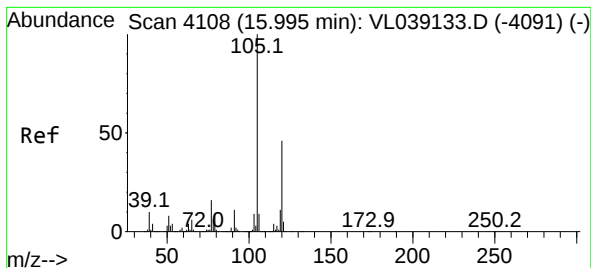
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022



#72
4-Ethyltoluene
Concen: 10.428 ppbv
RT: 15.844 min Scan# 4061
Delta R.T. 0.003 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

Tgt Ion:105 Resp: 3646395
Ion Ratio Lower Upper
105 100
120 29.1 23.9 35.9
91 13.7 10.6 16.0
77 16.4 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 10.631 ppbv

RT: 15.998 min Scan# 4109

Delta R.T. 0.003 min

Lab File: VL039233.D

Acq: 8 Jun 2022 13:42

Instrument :

MSVOA_L

ClientSampleId :

VL0608ABS01

Tgt Ion:105 Resp: 335299

Ion Ratio Lower Upper

105 100

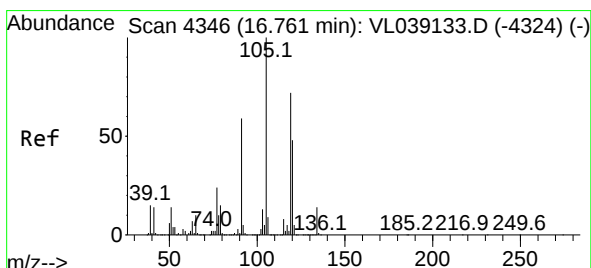
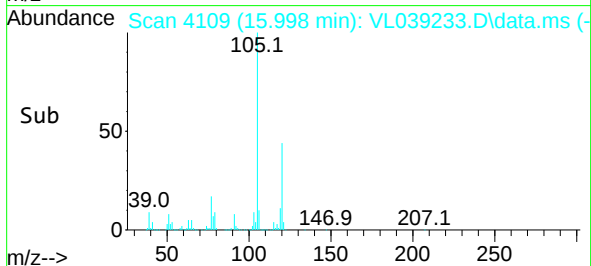
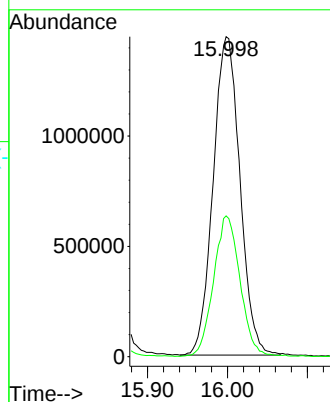
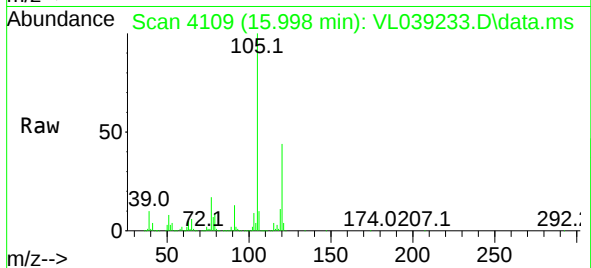
120 44.1 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#74

1,2,4-Trimethylbenzene

Concen: 10.644 ppbv

RT: 16.764 min Scan# 4347

Delta R.T. 0.003 min

Lab File: VL039233.D

Acq: 8 Jun 2022 13:42

Tgt Ion:105 Resp: 3746371

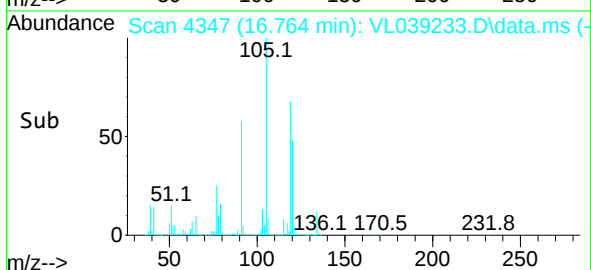
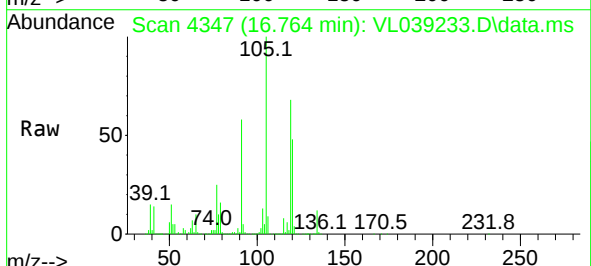
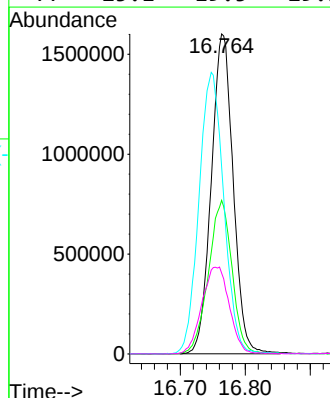
Ion Ratio Lower Upper

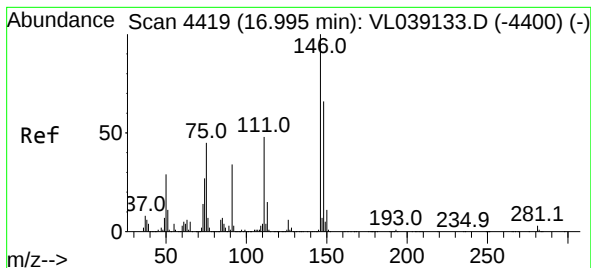
105 100

120 47.8 38.1 57.1

91 58.3 47.4 71.0

77 25.1 19.5 29.3





#75

1,3-Dichlorobenzene

Concen: 10.481 ppbv

RT: 17.002 min Scan# 4421

Delta R.T. 0.006 min

Lab File: VL039233.D

Acq: 8 Jun 2022 13:42

Instrument :

MSVOA_L

ClientSampleId :

VL0608ABS01

Tgt Ion:146 Resp: 208808

Ion Ratio Lower Upper

146 100

111 48.6 23.8 71.4

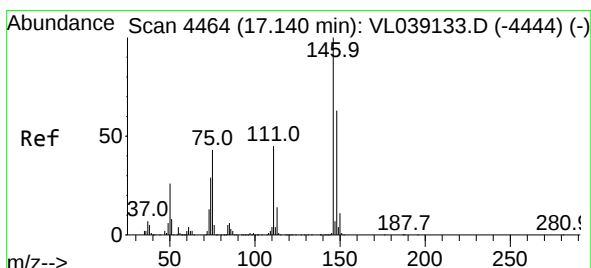
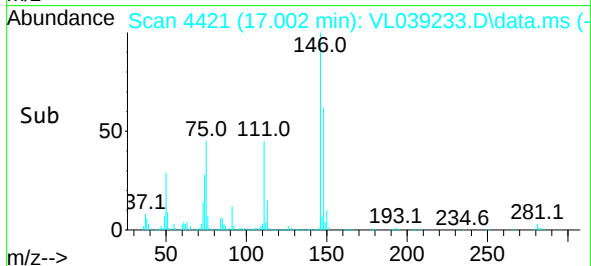
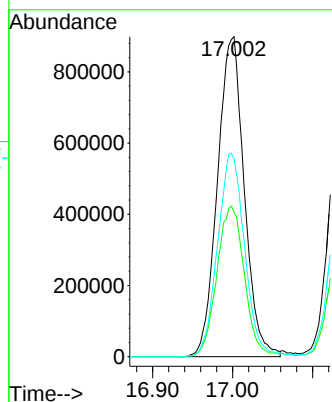
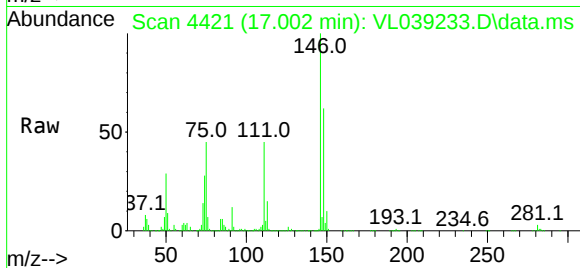
148 64.3 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#76

1,4-Dichlorobenzene

Concen: 10.105 ppbv

RT: 17.140 min Scan# 4464

Delta R.T. -0.000 min

Lab File: VL039233.D

Acq: 8 Jun 2022 13:42

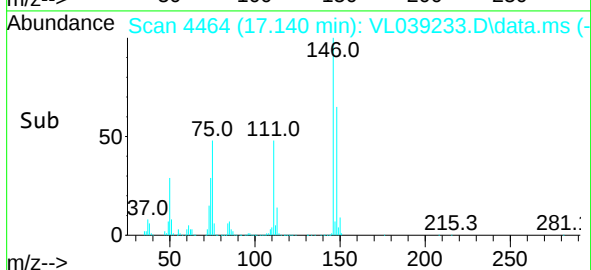
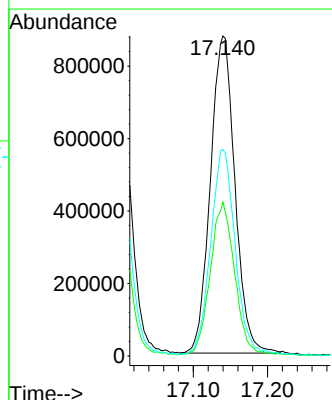
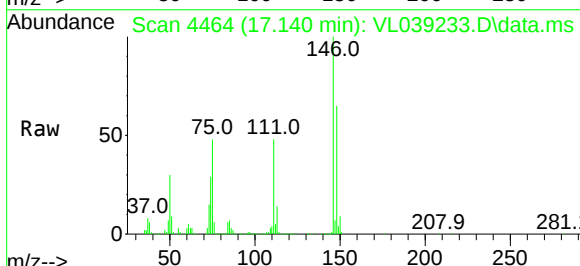
Tgt Ion:146 Resp: 2008539

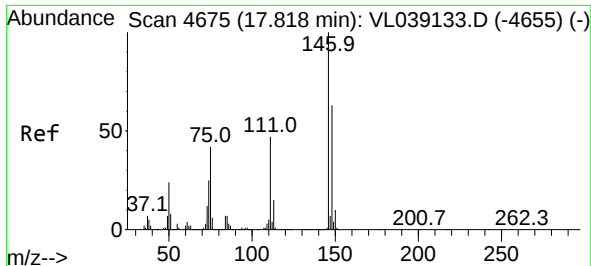
Ion Ratio Lower Upper

146 100

111 48.6 23.6 71.0

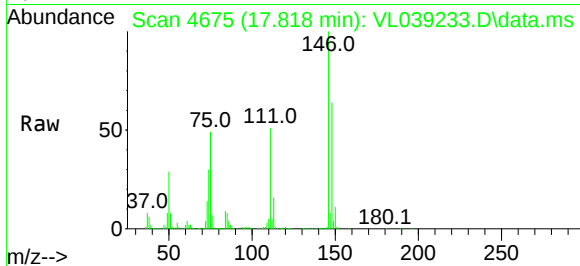
148 66.2 33.7 101.0





#77
1,2-Dichlorobenzene
Concen: 10.063 ppbv
RT: 17.818 min Scan# 4675
Delta R.T. -0.000 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42

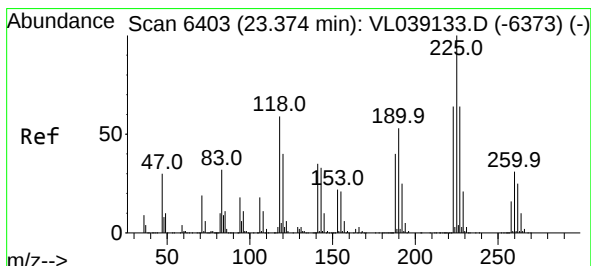
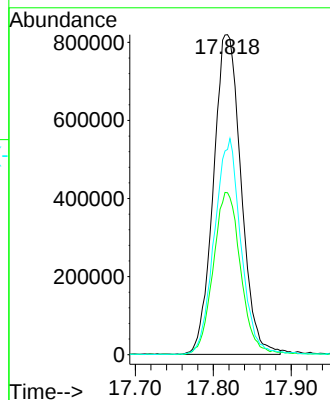
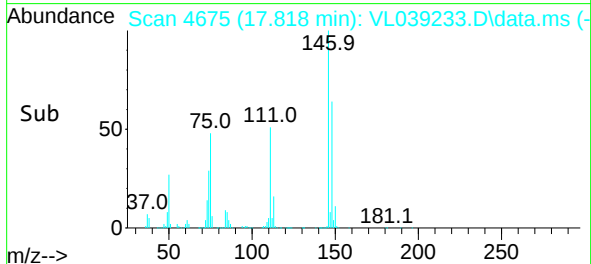
Instrument :
MSVOA_L
ClientSampleId :
VL0608ABS01



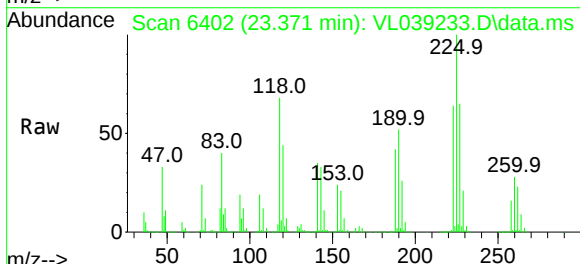
Tgt Ion:146 Resp: 202051
Ion Ratio Lower Upper
146 100
111 50.6 24.4 73.4
148 64.8 32.1 96.5

Manual Integrations
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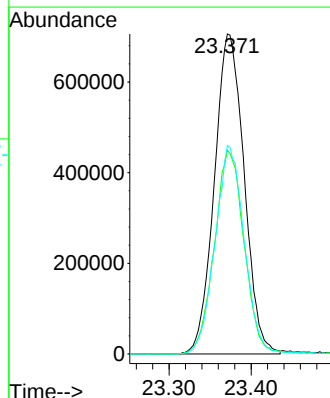
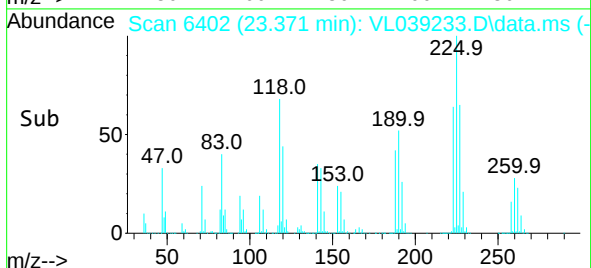
Reviewed By :Semsettin Yesilyurt 06/09/2022
Supervised By :Mahesh Dadoda 06/09/2022

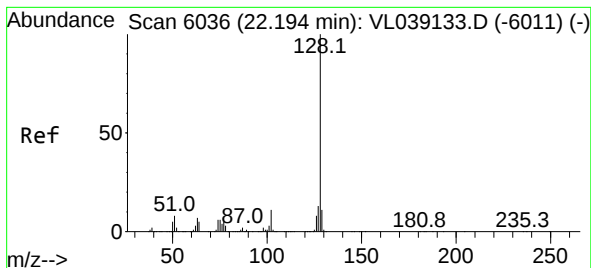


#78
Hexachloro-1,3-Butadiene
Concen: 9.696 ppbv
RT: 23.371 min Scan# 6402
Delta R.T. -0.003 min
Lab File: VL039233.D
Acq: 8 Jun 2022 13:42



Tgt Ion:225 Resp: 1780289
Ion Ratio Lower Upper
225 100
223 63.7 51.4 77.0
227 64.1 50.6 75.8





#79

Naphthalene

Concen: 10.892 ppbv

RT: 22.191 min Scan# 6036

Delta R.T. -0.003 min

Lab File: VL039233.D

Acq: 8 Jun 2022 13:42

Instrument :

MSVOA_L

ClientSampleId :

VL0608ABS01

Tgt Ion:128 Resp: 295122

Ion Ratio Lower Upper

128 100

127 12.5 10.4 15.6

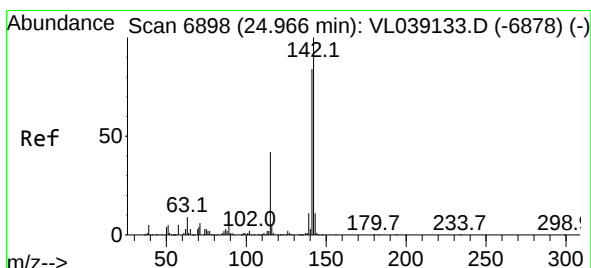
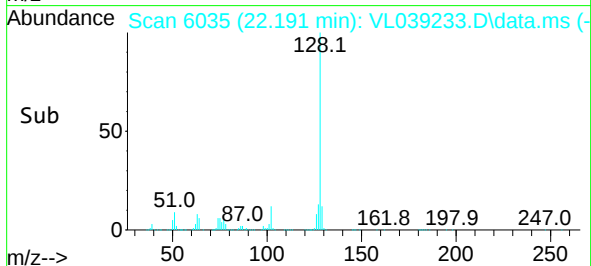
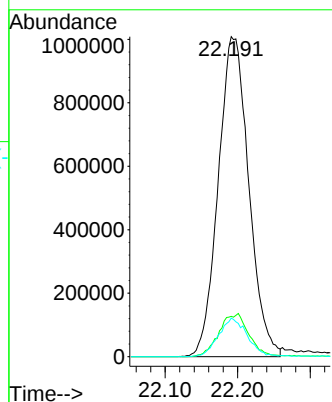
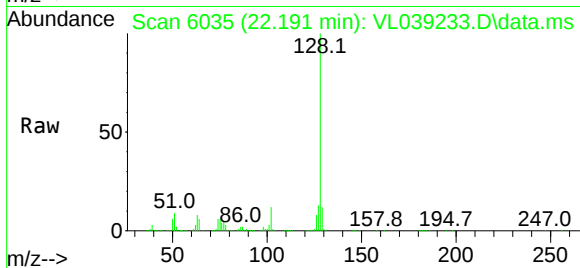
129 12.1 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022



#80

Naphthalene,2-methyl-

Concen: 7.295 ppbv

RT: 24.969 min Scan# 6899

Delta R.T. 0.003 min

Lab File: VL039233.D

Acq: 8 Jun 2022 13:42

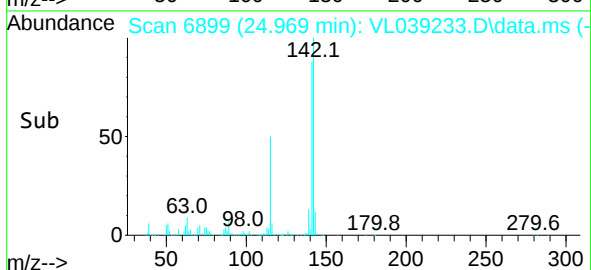
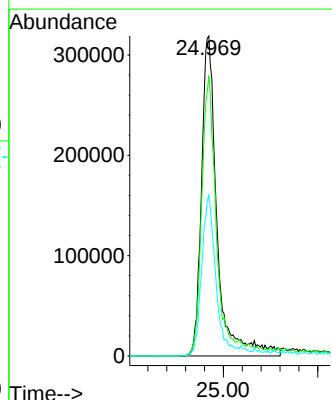
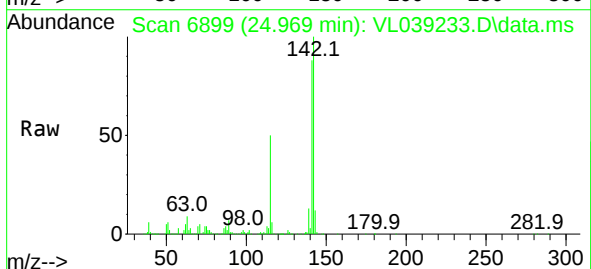
Tgt Ion:142 Resp: 734323

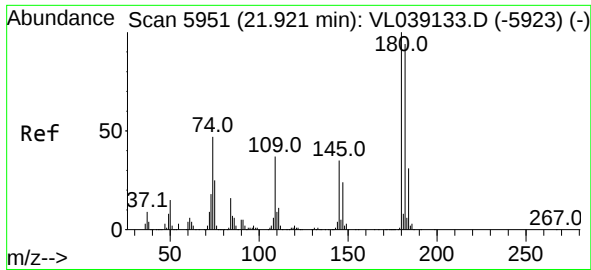
Ion Ratio Lower Upper

142 100

141 85.2 64.6 96.8

115 48.3 32.7 49.1





#81

1,2,4-Trichlorobenzene

Concen: 9.889 ppbv

RT: 21.927 min Scan# 5953

Delta R.T. 0.006 min

Lab File: VL039233.D

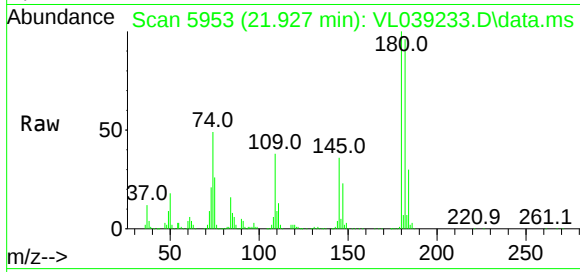
Acq: 8 Jun 2022 13:42

Instrument :

MSVOA_L

ClientSampleId :

VL0608ABS01



Tgt Ion:180 Resp: 1697480

Ion Ratio Lower Upper

180 100

182 97.2 0.0 0.0

184 30.6 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/09/2022

Supervised By :Mahesh Dadoda 06/09/2022

