

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062722\
 Data File : VL039362.D
 Acq On : 27 Jun 2022 15:56
 Operator : SY/AP
 Sample : VL0627ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0627ABS01

Quant Time: Jun 28 02:38:33 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 28 02:38:33 2022

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

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 06/29/2022
 Supervised By : Mahesh Dadoda 06/30/2022

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

Internal Standards						
1) Bromochloromethane	5.671	49	1158395	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.179	114	3210642	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.089	117	3091882m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.416 95 2408443 9.422 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 94.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.054	85	1732964	8.517	ppbv	100
3) Chlorodifluoromethane	2.993	51	1416947	9.614	ppbv	99
4) Chloromethane	3.144	50	773435	10.216	ppbv	97
5) Vinyl Chloride	3.263	62	759168	10.727	ppbv	96
6) Bromomethane	3.478	94	332442	9.548	ppbv	95
7) Chloroethane	3.562	64	280698	11.382	ppbv	100
8) Dichlorotetrafluoroethane	3.192	85	1885109	10.138	ppbv	95
9) Propene	3.015	41	601900	9.365	ppbv	99
10) Heptane	8.127	43	1623510	10.829	ppbv	99
11) Trichlorofluoromethane	3.954	101	1916045	10.403	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.491	101	1397954	11.478	ppbv	100
13) Ethanol	3.607	45	38719	11.047	ppbv #	100
14) Bromoethene	3.745	108	593868	10.846	ppbv	99
15) Acetone	3.851	43	1378120	11.421	ppbv	96
16) 1,3-Butadiene	3.330	39	746997	11.516	ppbv	94
17) tert-Butyl alcohol	4.285	59	1192542	12.741	ppbv	99
18) 1,1-Dichloroethene	4.295	96	636962	11.658	ppbv	87
19) Isopropyl Alcohol	3.964	45	689769	12.188	ppbv #	97
20) Methylene Chloride	4.349	84	535492	10.531	ppbv	93
21) Allyl Chloride	4.414	41	965702	11.864	ppbv	98
22) trans-1,2-Dichloroethene	4.890	96	628359	11.953	ppbv	96
23) Vinyl Acetate	5.076	43	1105447	11.072	ppbv	98
24) 1,1-Dichloroethane	5.015	63	1426165	10.426	ppbv	99
25) Ethyl Acetate	5.677	43	2893769	10.640	ppbv	100
26) Hexane	5.690	57	1239591	10.372	ppbv	97
27) Carbon Disulfide	4.555	76	1544841	12.471	ppbv	100
28) Methyl tert-Butyl Ether	5.037	73	1345143	10.195	ppbv	99
29) Chloroform	5.758	83	1987910	9.884	ppbv	99
30) Cyclohexane	7.137	84	1092148	10.878	ppbv	95
31) cis-1,2-Dichloroethene	5.552	61	1244306	10.210	ppbv	95
32) 1,1,1-Trichloroethane	6.513	97	2000354	10.165	ppbv	98
34) 2-Butanone	5.246	43	1694387	9.714	ppbv	100
35) Carbon Tetrachloride	7.021	117	2158419	9.211	ppbv	99
36) Benzene	6.896	78	2570781	9.863	ppbv	97
37) 1,2-Dichloroethane	6.311	62	1539257	8.973	ppbv	97
38) Trichloroethene	7.841	130	1332456	11.129	ppbv	98
39) 1,2-Dichloropropane	7.619	63	947195	9.136	ppbv	95
40) 1,4-Dioxane	7.832	88	343370	10.060	ppbv #	1
41) Tetrahydrofuran	6.050	42	986827	9.407	ppbv	100
42) Bromodichloromethane	7.796	83	2150027	9.031	ppbv	98
43) Methyl Methacrylate	8.015	69	1032289	10.167	ppbv	98
44) 2,2,4-Trimethylpentane	7.873	57	4339817	9.517	ppbv	98
45) t-1,3-Dichloropropene	9.282	75	1033868	9.777	ppbv	96

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

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

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

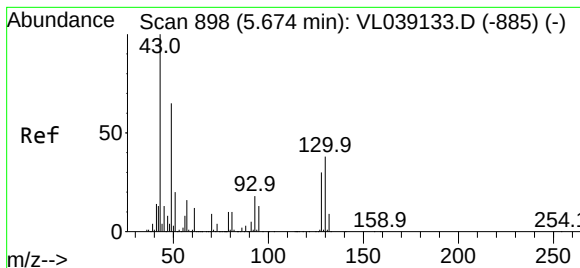
Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022

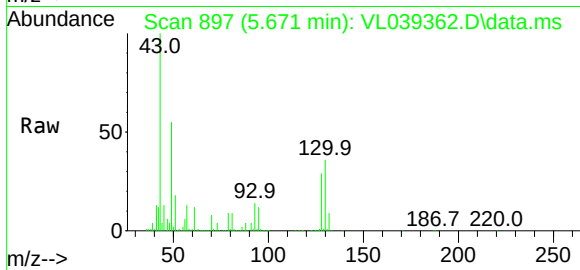
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.706	75	1334578	9.554	ppbv	96
47) 1,1,2-Trichloroethane	9.481	97	1073301	9.923	ppbv	98
48) Dibromochloromethane	10.307	129	1918136	9.932	ppbv	99
49) Bromoform	13.044	173	1582408	9.831	ppbv	99
50) 4-Methyl-2-Pentanone	8.745	43	2634277	10.089	ppbv	99
51) 2-Hexanone	10.134	43	2005126	9.869	ppbv #	98
52) Tetrachloroethene	11.227	164	1003357	9.859	ppbv	96
53) Toluene	9.809	91	3086647	10.284	ppbv	100
54) 1,2-Dibromoethane	10.613	107	1442893	9.927	ppbv	95
56) 1,1,1,2-Tetrachloroethane	12.127	131	1415704	9.677	ppbv	96
57) Chlorobenzene	12.150	112	2371780	10.195	ppbv	94
58) Ethyl Benzene	12.712	91	4215474	9.898	ppbv	99
59) m/p-Xylene	12.995	91	7217277m	19.244	ppbv	
60) o-Xylene	13.693	91	3505395	9.947	ppbv	100
61) Styrene	13.526	104	2034136	10.779	ppbv	96
62) Isopropylbenzene	14.667	105	5164154	9.859	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.677	83	1743191	8.812	ppbv	100
64) n-propylbenzene	15.561	120	1349281	10.479	ppbv	89
65) tert-Butylbenzene	16.744	119	4714638	9.843	ppbv	96
66) Benzyl Chloride	16.992	91	481723	7.735	ppbv	98
67) sec-Butylbenzene	17.294	105	6481357	9.918	ppbv	99
69) p-Isopropyltoluene	17.651	119	5532174	10.034	ppbv	98
70) n-Butylbenzene	18.548	91	5492194	9.704	ppbv	98
71) 2-Chlorotoluene	15.455	91	3767040	9.431	ppbv	97
72) 4-Ethyltoluene	15.838	105	4250725	10.291	ppbv	99
73) 1,3,5-Trimethylbenzene	15.995	105	3847585	10.328	ppbv	99
74) 1,2,4-Trimethylbenzene	16.764	105	4143711	9.967	ppbv #	90
75) 1,3-Dichlorobenzene	16.995	146	2373583	10.087	ppbv	99
76) 1,4-Dichlorobenzene	17.137	146	2337135	9.955	ppbv	99
77) 1,2-Dichlorobenzene	17.818	146	2342212	9.876	ppbv	99
78) Hexachloro-1,3-Butadiene	23.371	225	1748777	8.064	ppbv	99
79) Naphthalene	22.194	128	3440649	10.751	ppbv	99
80) Naphthalene,2-methyl-	24.966	142	1096305	9.220	ppbv	97
81) 1,2,4-Trichlorobenzene	21.921	180	1981819	9.775	ppbv #	100

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



#1
 Bromochloromethane
 Concen: 10.000 ppbv
 RT: 5.671 min Scan# 89
 Delta R.T. -0.003 min
 Lab File: VL039362.D
 Acq: 27 Jun 2022 15:56

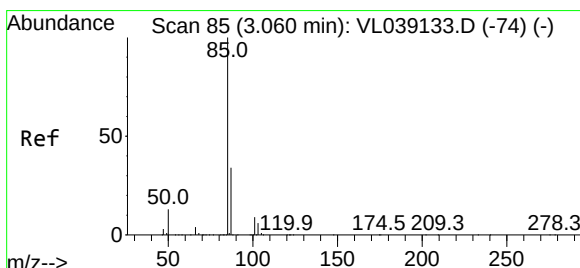
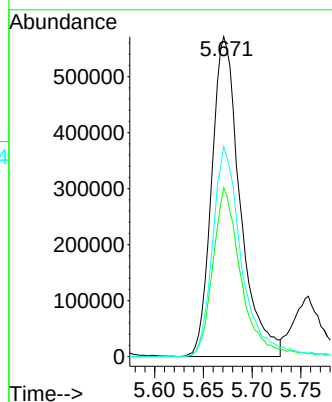
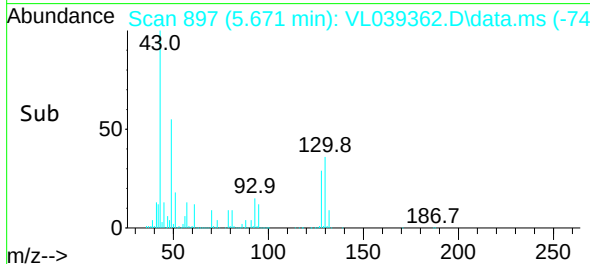
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0627ABS01



Tgt Ion: 49 Resp: 115839
 Ion Ratio Lower Upper
 49 100
 128 53.6 24.7 74.1
 130 68.1 31.4 94.0

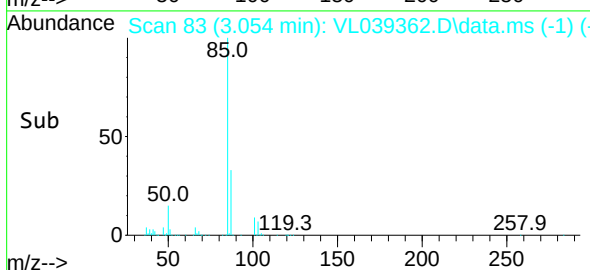
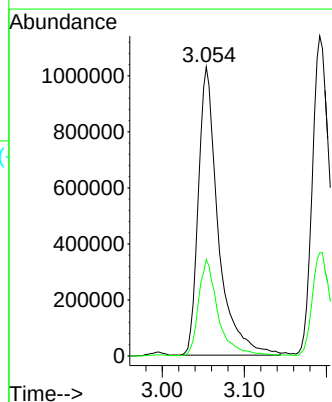
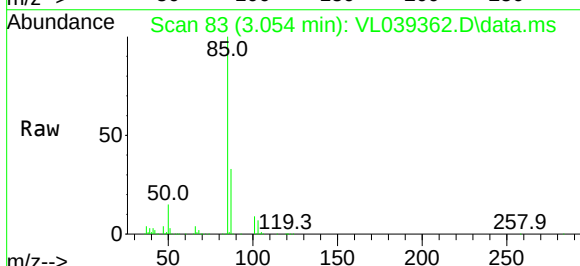
Manual Integrations
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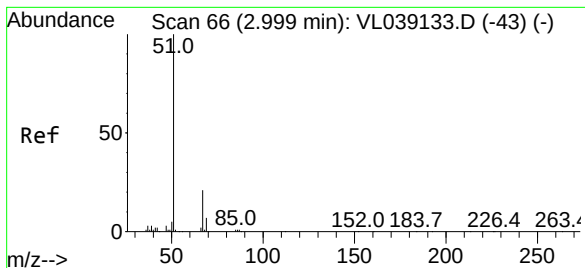
Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#2
 Dichlorodifluoromethane
 Concen: 8.517 ppbv
 RT: 3.054 min Scan# 83
 Delta R.T. -0.006 min
 Lab File: VL039362.D
 Acq: 27 Jun 2022 15:56

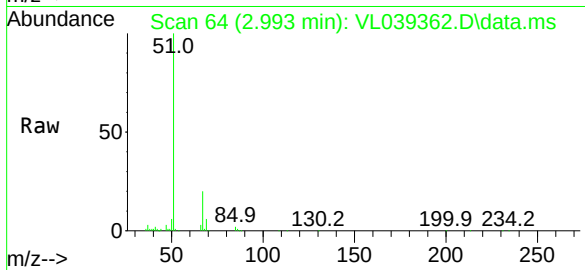
Tgt Ion: 85 Resp: 1732964
 Ion Ratio Lower Upper
 85 100
 87 33.4 26.9 40.3





#3
Chlorodifluoromethane
Concen: 9.614 ppbv
RT: 2.993 min Scan# 64
Delta R.T. -0.006 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

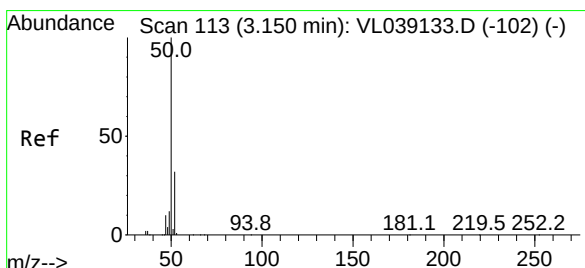
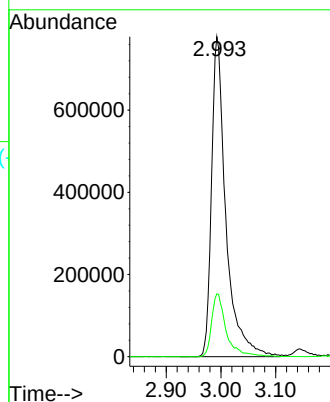
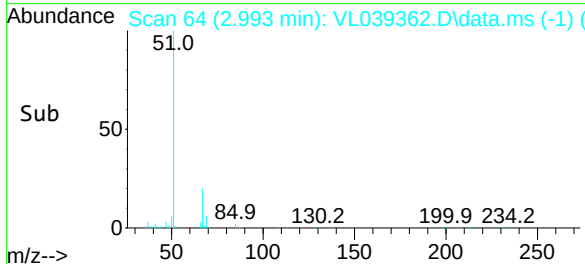
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01



Tgt Ion: 51 Resp: 141694
Ion Ratio Lower Upper
51 100
67 20.1 16.2 24.4

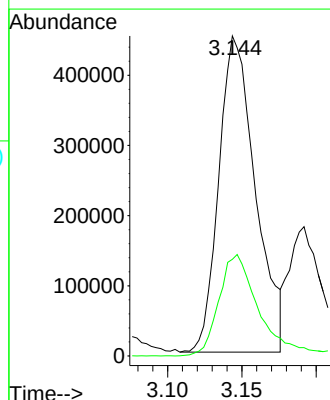
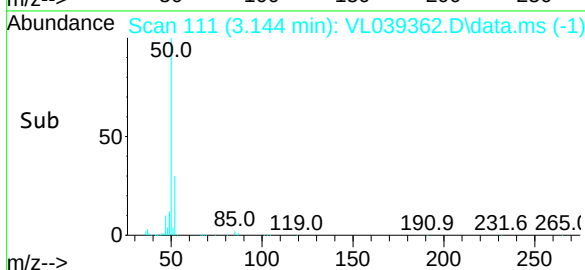
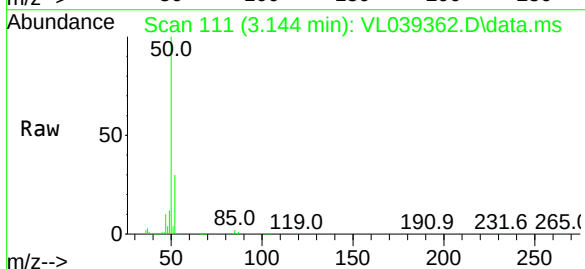
Manual Integrations
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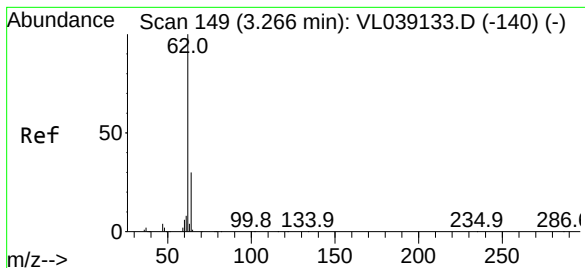
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#4
Chloromethane
Concen: 10.216 ppbv
RT: 3.144 min Scan# 111
Delta R.T. -0.006 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

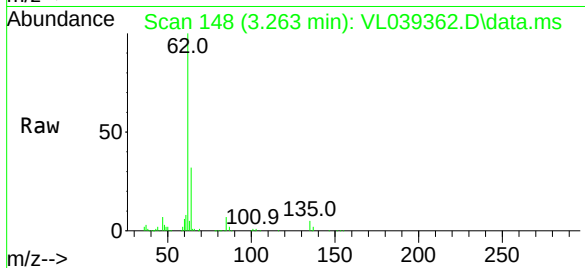
Tgt Ion: 50 Resp: 773435
Ion Ratio Lower Upper
50 100
52 30.7 25.9 38.9





#5
 Vinyl Chloride
 Concen: 10.727 ppbv
 RT: 3.263 min Scan# 149
 Delta R.T. -0.003 min
 Lab File: VL039362.D
 Acq: 27 Jun 2022 15:56

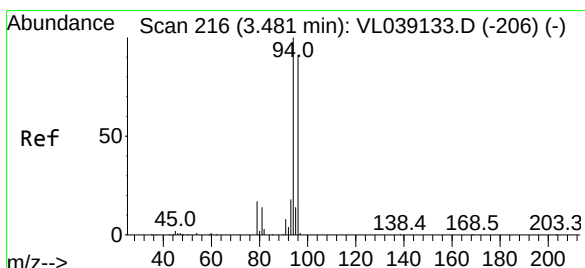
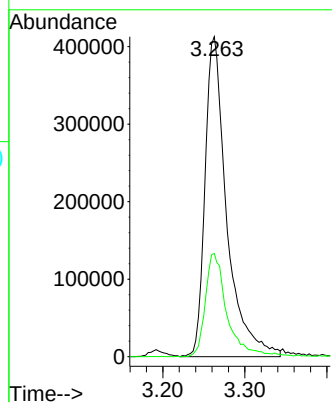
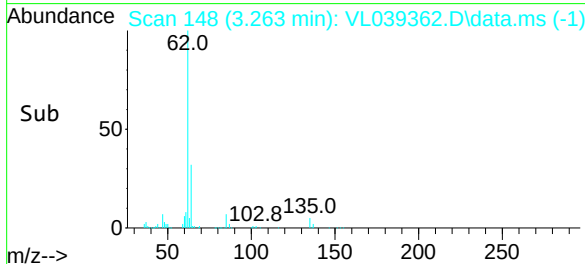
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0627ABS01



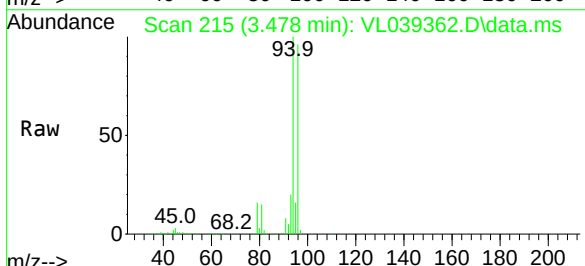
Tgt Ion: 62 Resp: 759168
 Ion Ratio Lower Upper
 62 100
 64 32.3 24.2 36.2

Manual Integrations
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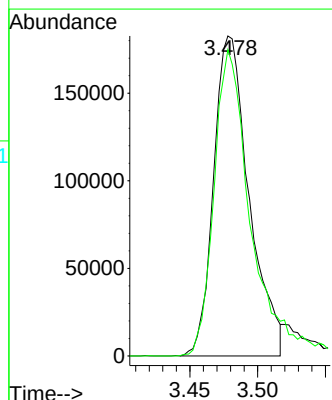
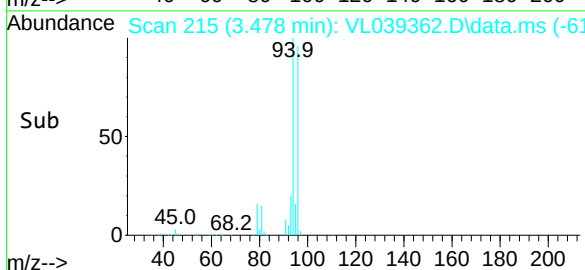
Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022

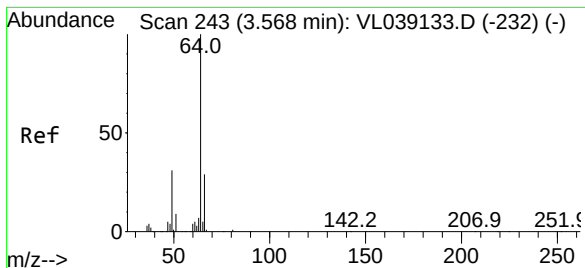


#6
 Bromomethane
 Concen: 9.548 ppbv
 RT: 3.478 min Scan# 215
 Delta R.T. -0.003 min
 Lab File: VL039362.D
 Acq: 27 Jun 2022 15:56



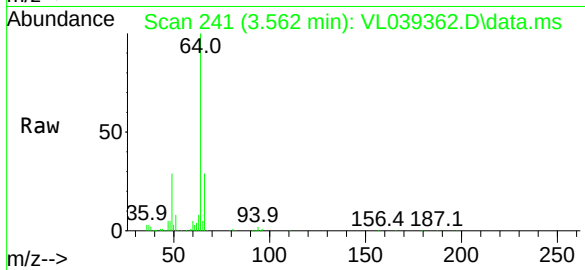
Tgt Ion: 94 Resp: 332442
 Ion Ratio Lower Upper
 94 100
 96 95.6 73.0 109.4





#7
Chloroethane
Concen: 11.382 ppbv
RT: 3.562 min Scan# 243
Delta R.T. -0.006 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

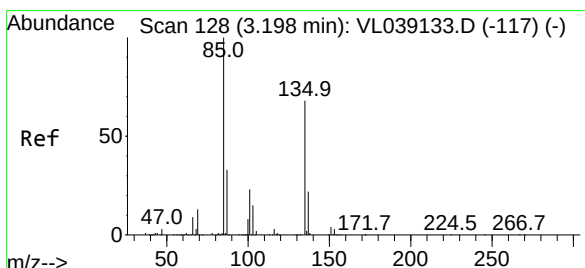
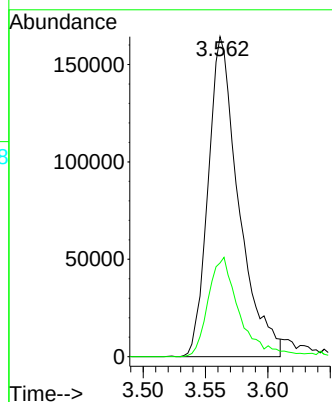
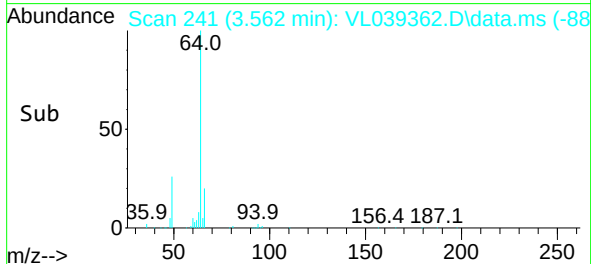
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01



Tgt Ion: 64 Resp: 280698
Ion Ratio Lower Upper
64 100
66 29.3 23.6 35.4

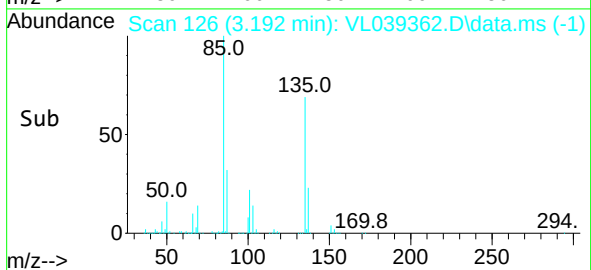
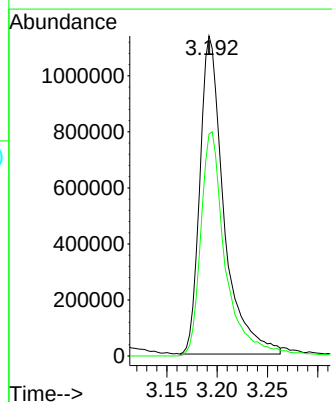
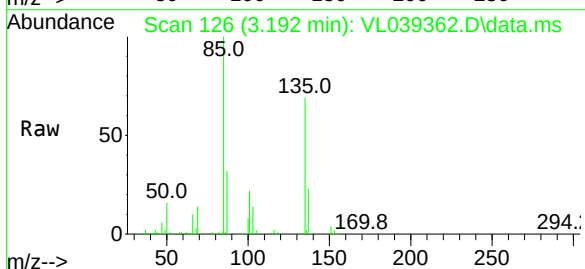
Manual Integrations
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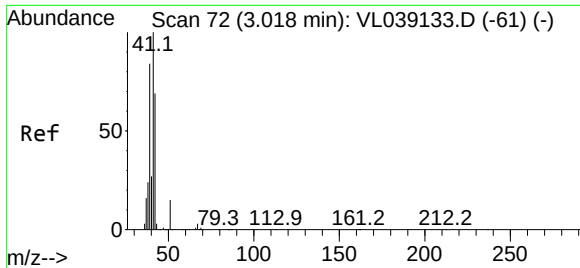
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#8
Dichlorotetrafluoroethane
Concen: 10.138 ppbv
RT: 3.192 min Scan# 126
Delta R.T. -0.006 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

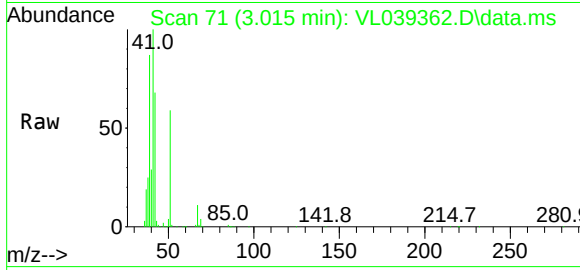
Tgt Ion: 85 Resp: 1885109
Ion Ratio Lower Upper
85 100
135 73.1 55.0 82.4





#9
 Propene
 Concen: 9.365 ppbv
 RT: 3.015 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL039362.D
 Acq: 27 Jun 2022 15:56

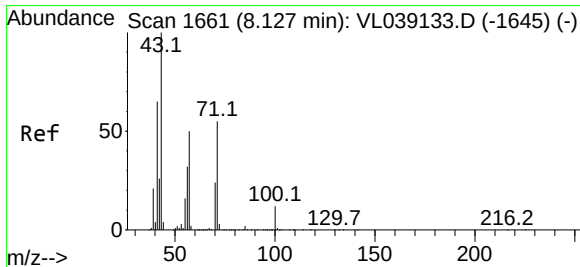
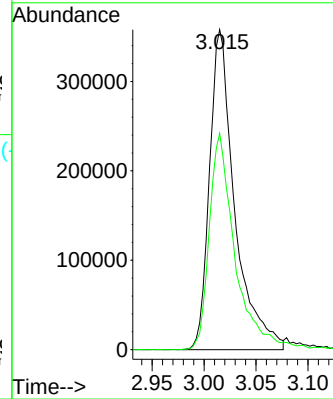
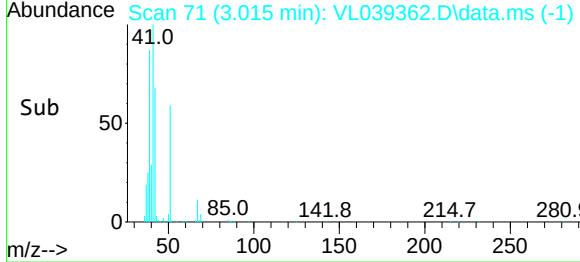
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0627ABS01



Tgt Ion: 41 Resp: 601900
 Ion Ratio Lower Upper
 41 100
 42 70.0 55.4 83.2

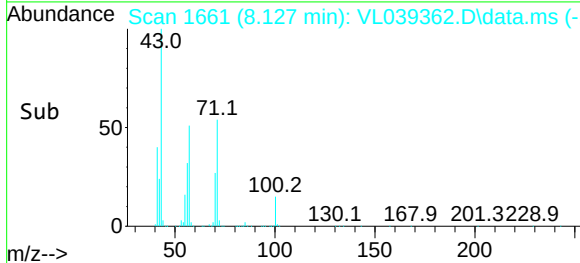
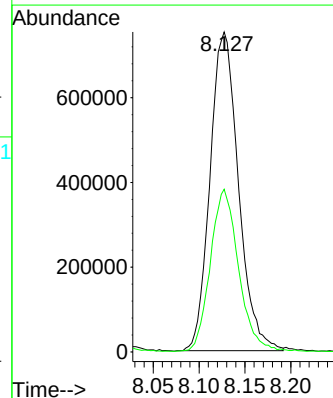
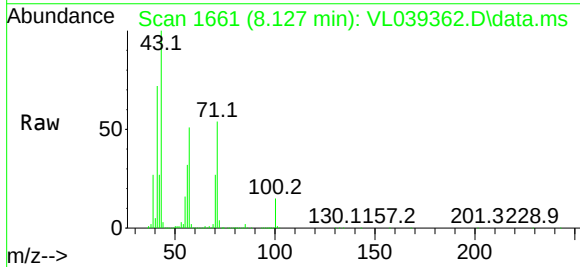
Manual Integrations
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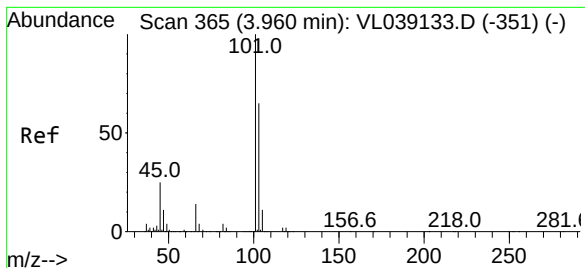
Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#10
 Heptane
 Concen: 10.829 ppbv
 RT: 8.127 min Scan# 1661
 Delta R.T. -0.000 min
 Lab File: VL039362.D
 Acq: 27 Jun 2022 15:56

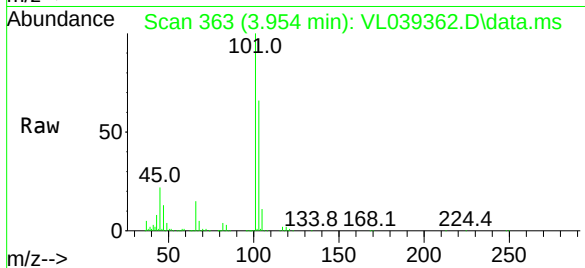
Tgt Ion: 43 Resp: 1623510
 Ion Ratio Lower Upper
 43 100
 57 51.3 41.4 62.2





#11
 Trichlorofluoromethane
 Concen: 10.403 ppbv
 RT: 3.954 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: VL039362.D
 Acq: 27 Jun 2022 15:56

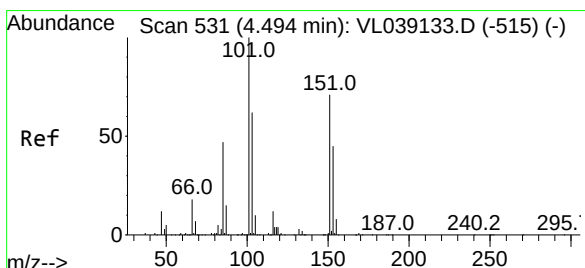
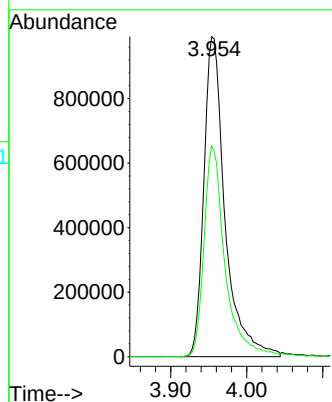
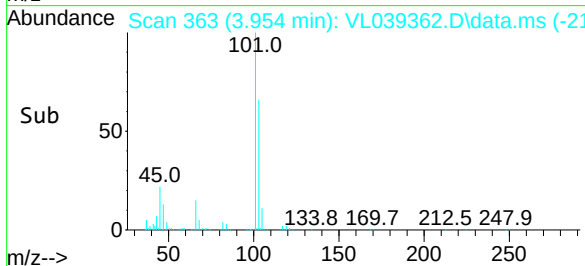
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0627ABS01



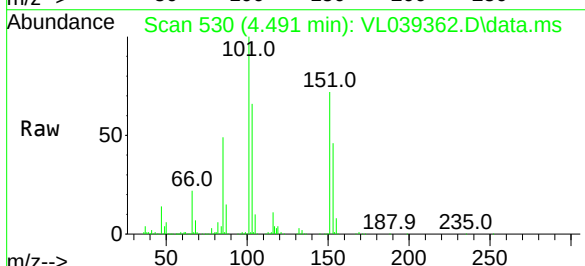
Tgt Ion:101 Resp: 1916049
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.7 77.5

Manual Integrations
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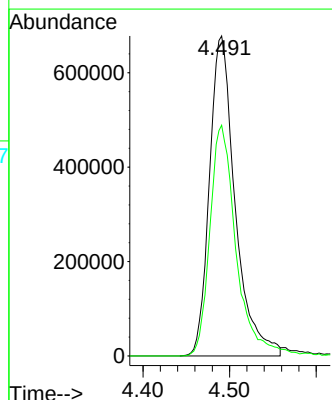
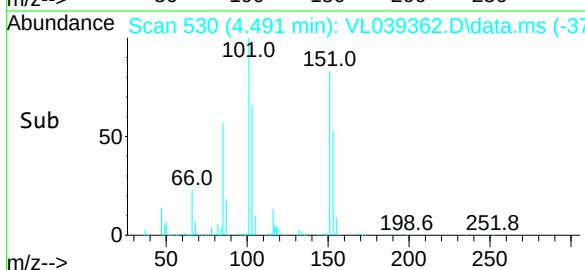
Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022

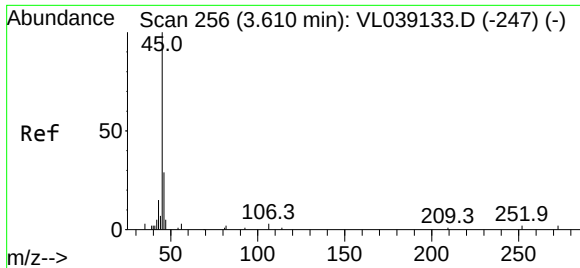


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.478 ppbv
 RT: 4.491 min Scan# 530
 Delta R.T. -0.003 min
 Lab File: VL039362.D
 Acq: 27 Jun 2022 15:56



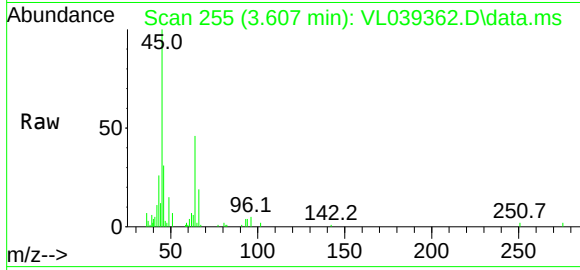
Tgt Ion:101 Resp: 1397954
 Ion Ratio Lower Upper
 101 100
 151 74.5 59.4 89.0





#13
Ethanol
Concen: 11.047 ppbv
RT: 3.607 min Scan# 255
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

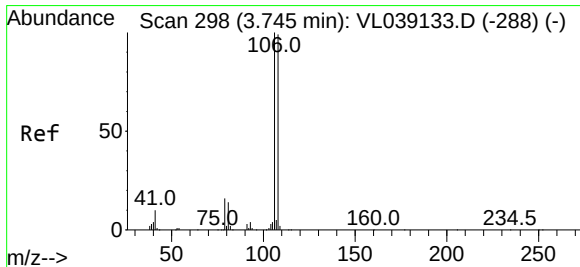
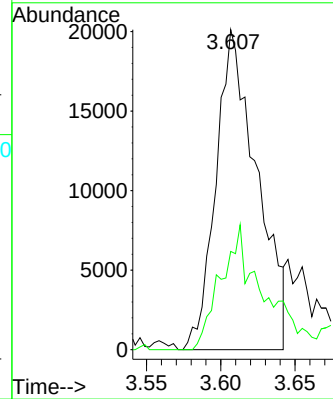
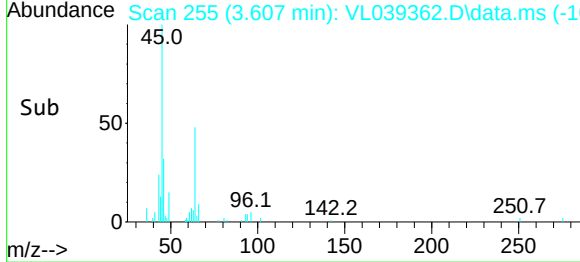
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01



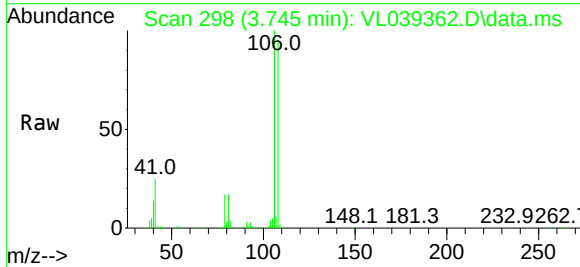
Tgt Ion: 45 Resp: 38719
Ion Ratio Lower Upper
45 100
46 45.5 0.0 0.0

Manual Integrations
APPROVED

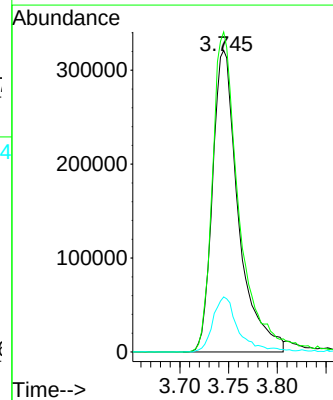
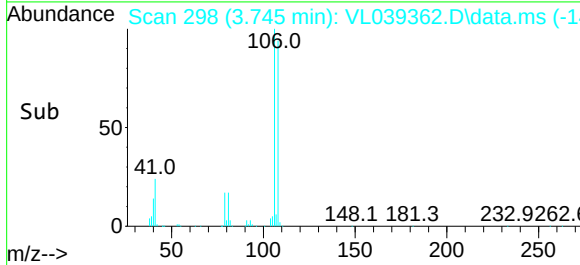
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

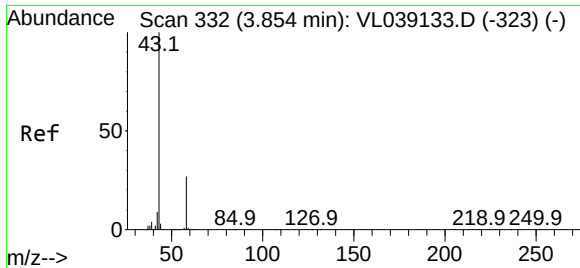


#14
Bromoethene
Concen: 10.846 ppbv
RT: 3.745 min Scan# 298
Delta R.T. -0.000 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56



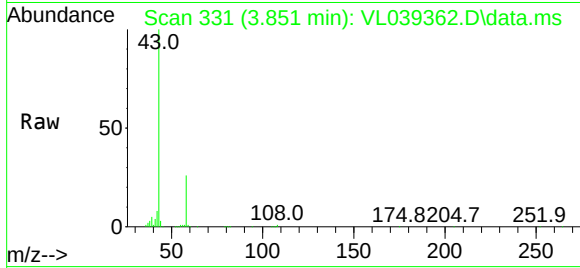
Tgt Ion:108 Resp: 593868
Ion Ratio Lower Upper
108 100
106 110.4 88.4 132.6
79 18.5 13.4 20.2





#15
Acetone
Concen: 11.421 ppbv
RT: 3.851 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

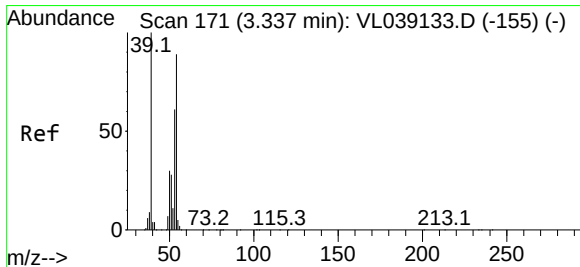
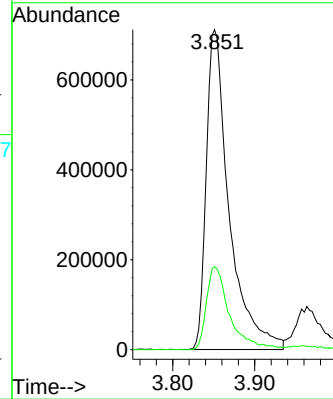
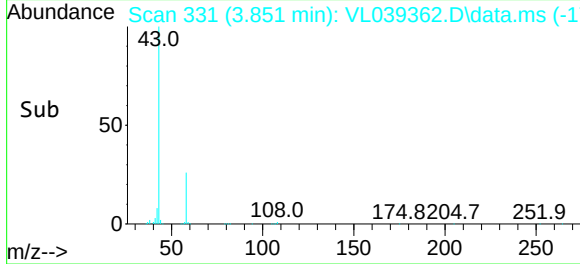
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01



Tgt Ion: 43 Resp: 1378120
Ion Ratio Lower Upper
43 100
58 26.2 22.5 33.7

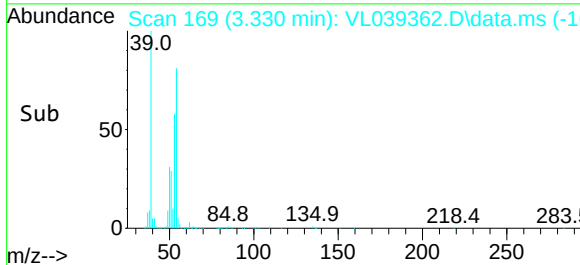
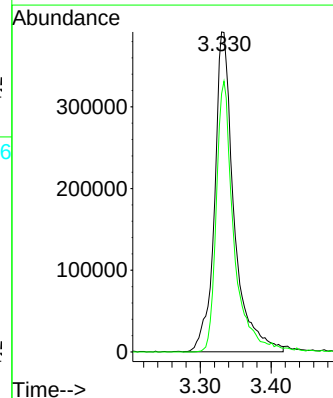
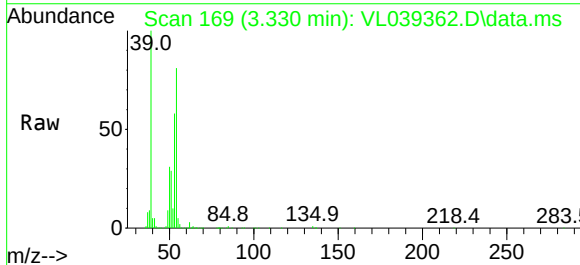
Manual Integrations
APPROVED

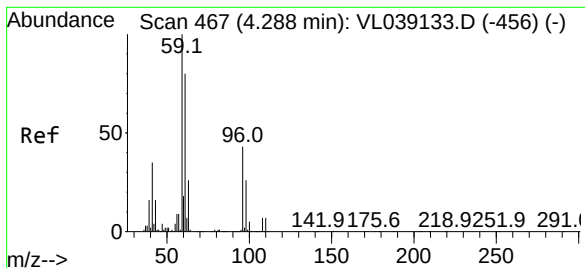
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#16
1,3-Butadiene
Concen: 11.516 ppbv
RT: 3.330 min Scan# 169
Delta R.T. -0.006 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

Tgt Ion: 39 Resp: 746997
Ion Ratio Lower Upper
39 100
54 77.1 65.8 98.6





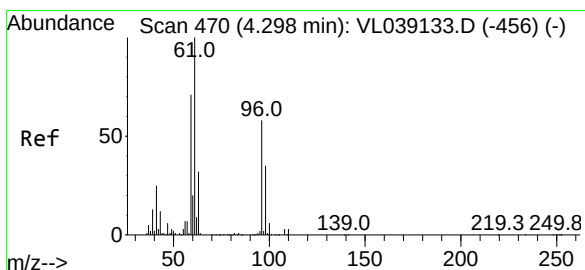
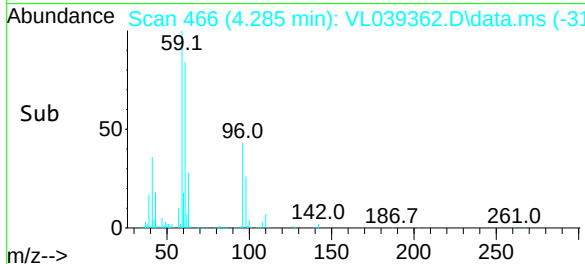
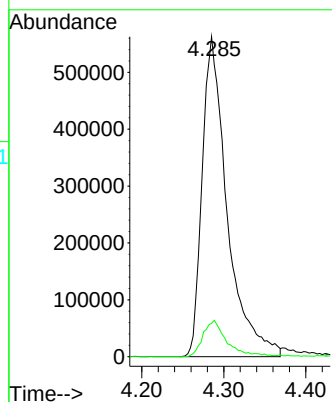
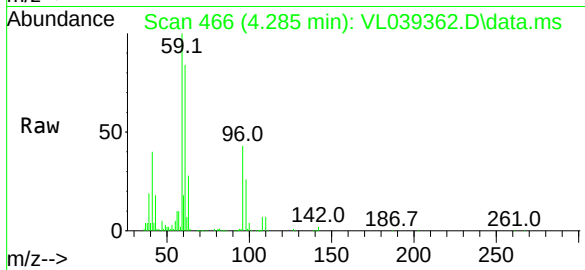
#17
tert-Butyl alcohol
Concen: 12.741 ppbv
RT: 4.285 min Scan# 466
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01

Tgt Ion: 59 Resp: 119254
Ion Ratio Lower Upper
59 100
57 11.1 9.1 13.7

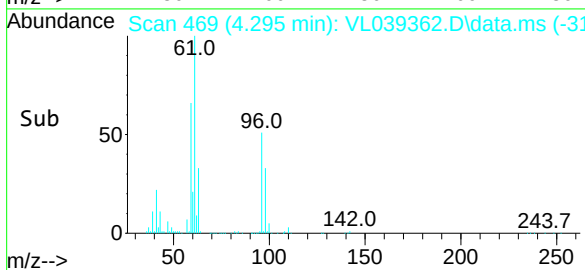
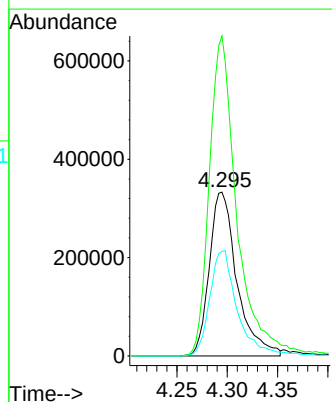
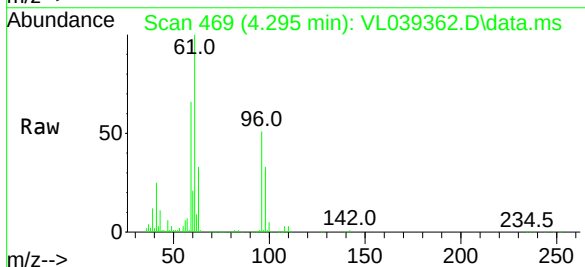
Manual Integrations
APPROVED

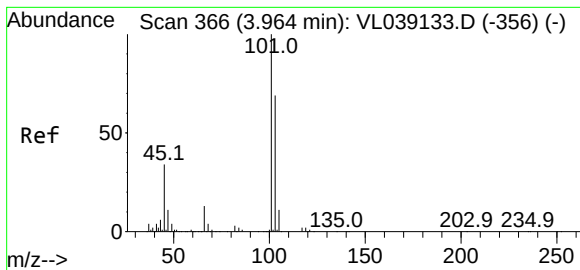
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#18
1,1-Dichloroethene
Concen: 11.658 ppbv
RT: 4.295 min Scan# 469
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

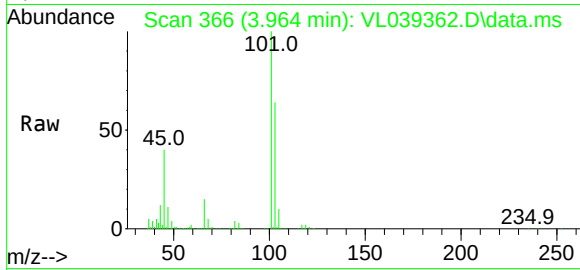
Tgt Ion: 96 Resp: 636962
Ion Ratio Lower Upper
96 100
61 195.4 138.4 207.6
98 63.8 47.8 71.8





#19
Isopropyl Alcohol
Concen: 12.188 ppbv
RT: 3.964 min Scan# 30
Delta R.T. -0.000 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

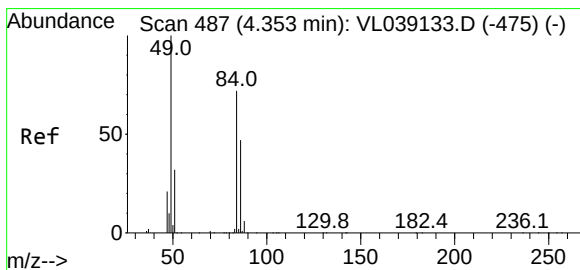
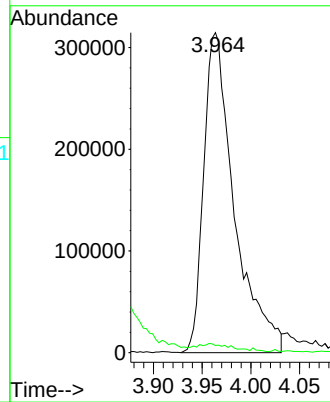
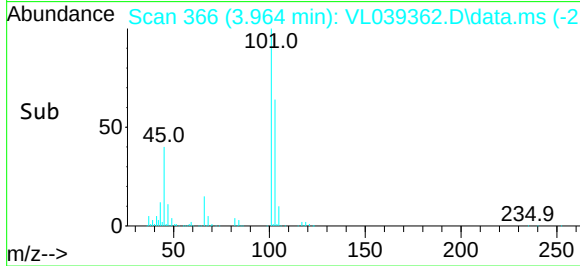
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01



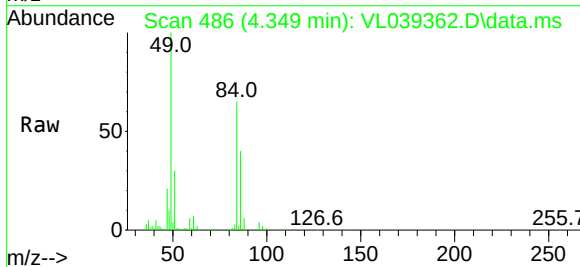
Tgt Ion: 45 Resp: 689769
Ion Ratio Lower Upper
45 100
58 3.5 1.8 2.8

Manual Integrations
APPROVED

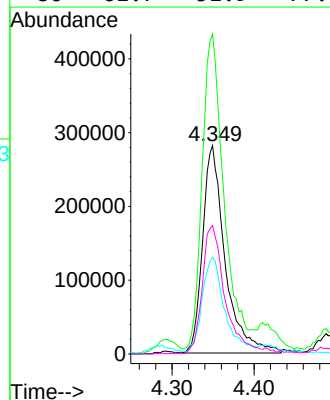
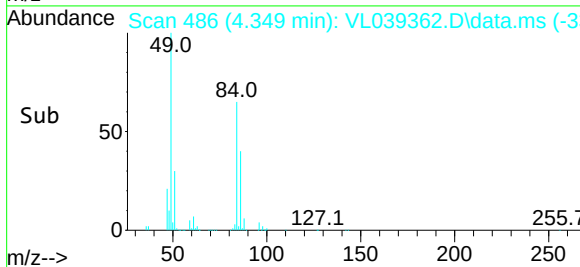
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

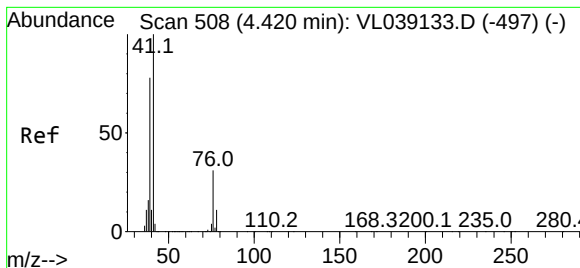


#20
Methylene Chloride
Concen: 10.531 ppbv
RT: 4.349 min Scan# 486
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56



Tgt Ion: 84 Resp: 535492
Ion Ratio Lower Upper
84 100
49 151.4 111.1 166.7
51 45.4 35.3 52.9
86 61.7 51.9 77.9





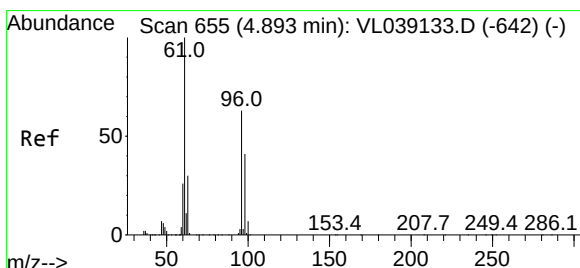
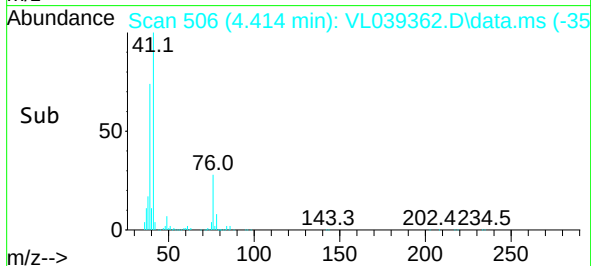
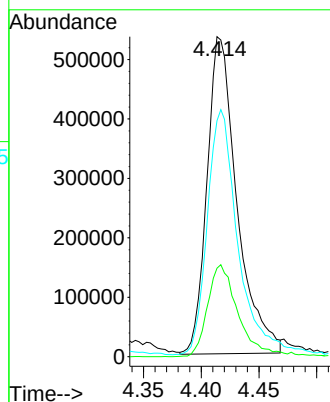
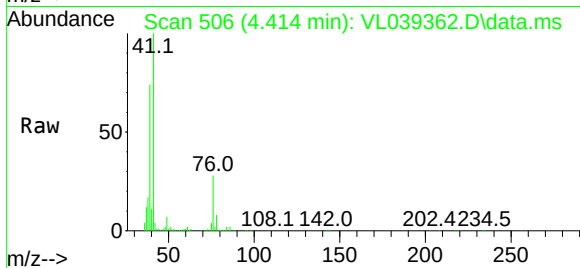
#21
 Allyl Chloride
 Concen: 11.864 ppbv
 RT: 4.414 min Scan# 508
 Delta R.T. -0.006 min
 Lab File: VL039362.D
 Acq: 27 Jun 2022 15:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0627ABS01

Tgt Ion: 41 Resp: 965702
 Ion Ratio Lower Upper
 41 100
 76 30.0 24.2 36.2
 39 79.8 62.2 93.2

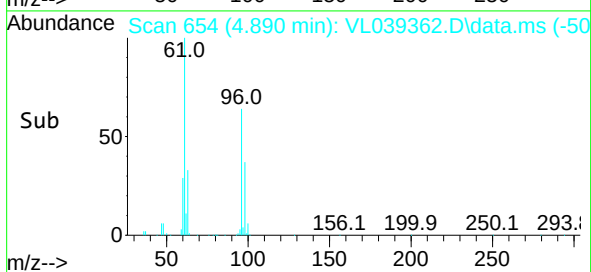
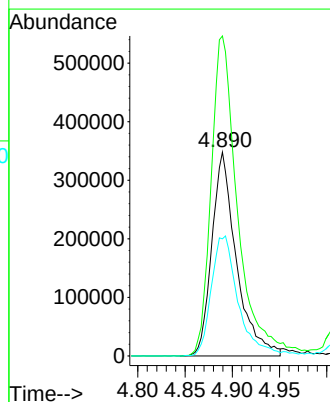
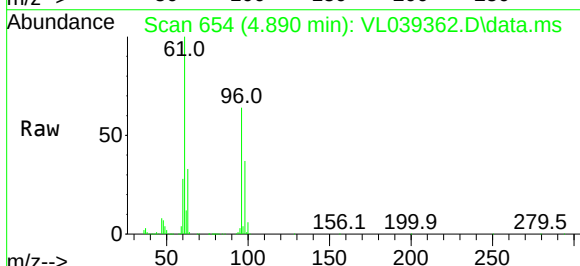
Manual Integrations
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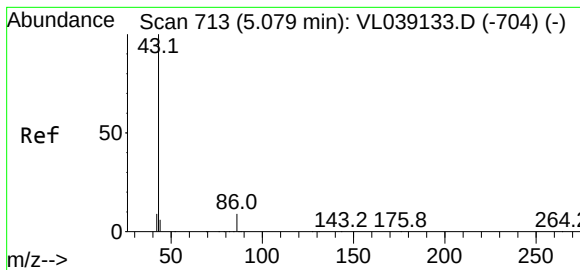
Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#22
 trans-1,2-Dichloroethene
 Concen: 11.953 ppbv
 RT: 4.890 min Scan# 654
 Delta R.T. -0.003 min
 Lab File: VL039362.D
 Acq: 27 Jun 2022 15:56

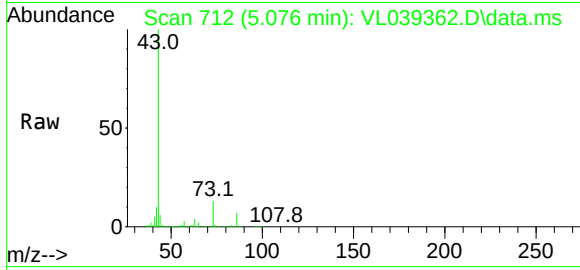
Tgt Ion: 96 Resp: 628359
 Ion Ratio Lower Upper
 96 100
 61 156.9 126.6 190.0
 98 57.5 52.5 78.7





#23
 Vinyl Acetate
 Concen: 11.072 ppbv
 RT: 5.076 min Scan# 713
 Delta R.T. -0.003 min
 Lab File: VL039362.D
 Acq: 27 Jun 2022 15:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0627ABS01

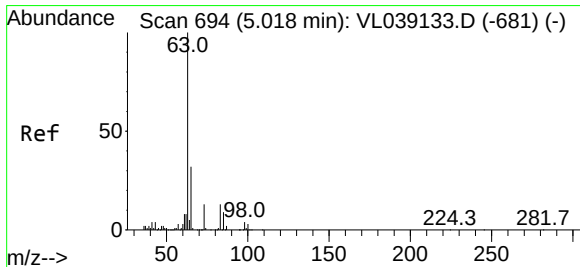
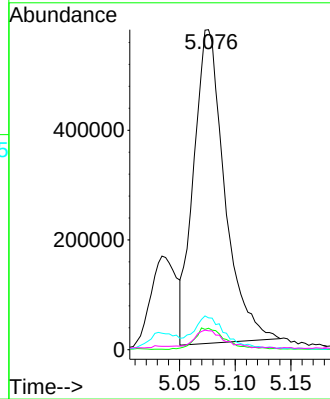
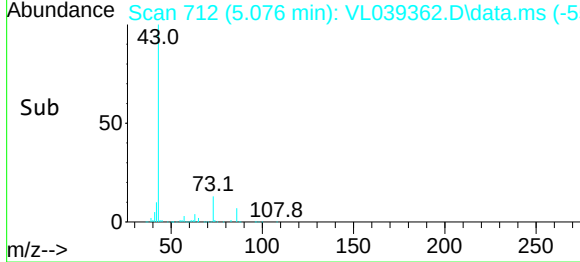


Tgt Ion: 43 Resp: 110544

Ion	Ratio	Lower	Upper
43	100		
86	6.7	6.0	9.0
42	9.6	8.2	12.4
44	5.7	4.3	6.5

Manual Integrations
 APPROVED

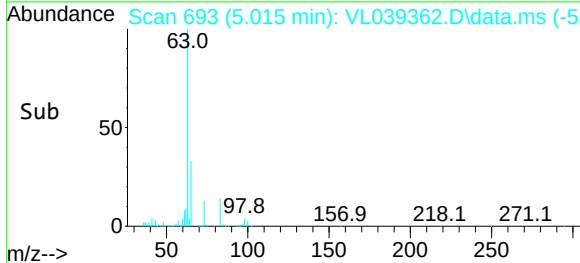
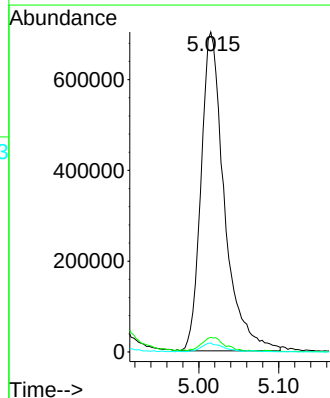
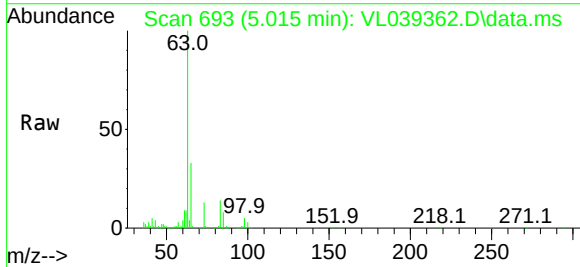
Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022

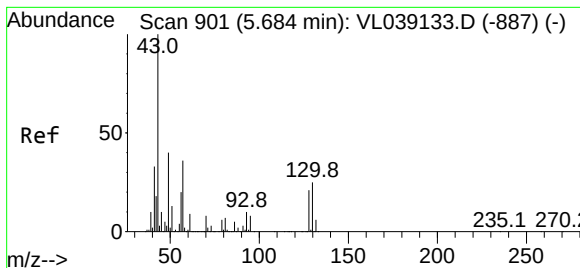


#24
 1,1-Dichloroethane
 Concen: 10.426 ppbv
 RT: 5.015 min Scan# 693
 Delta R.T. -0.003 min
 Lab File: VL039362.D
 Acq: 27 Jun 2022 15:56

Tgt Ion: 63 Resp: 1426165

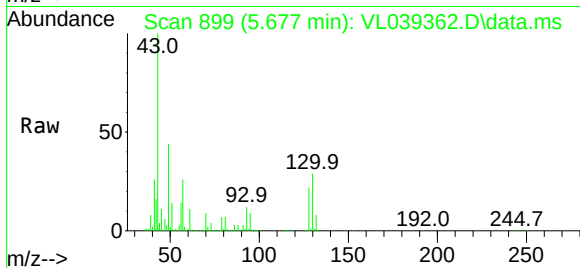
Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.1	6.2
100	2.7	1.5	4.5





#25
Ethyl Acetate
Concen: 10.640 ppbv
RT: 5.677 min Scan# 899
Delta R.T. -0.007 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01

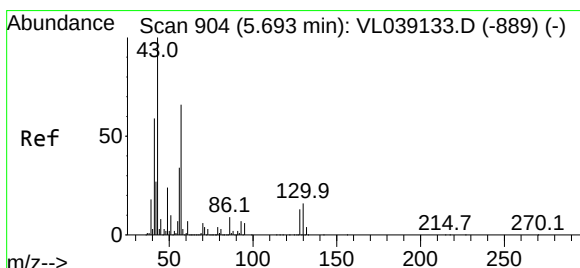
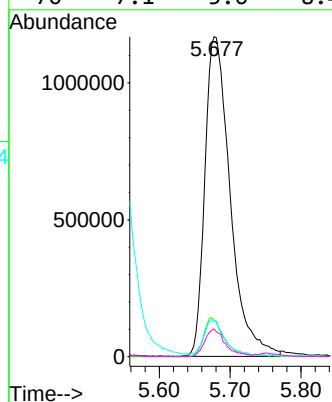
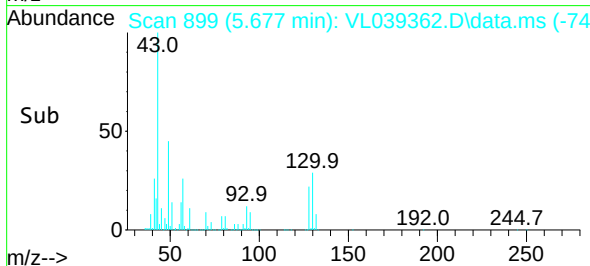


Tgt Ion: 43 Resp: 2893769

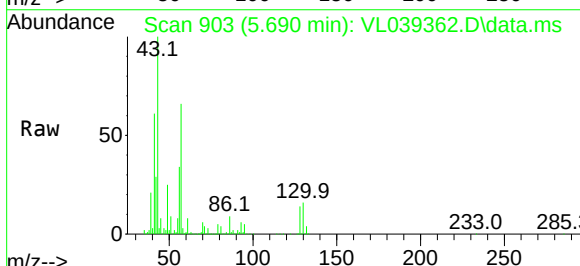
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.2	12.2
61	10.5	8.4	12.6
70	7.1	5.6	8.4

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

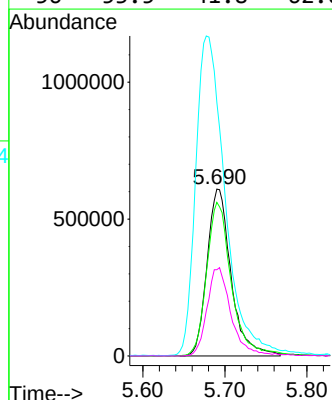
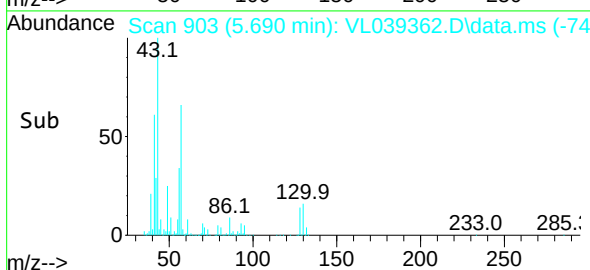


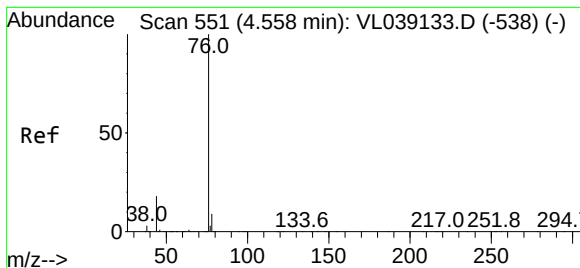
#26
Hexane
Concen: 10.372 ppbv
RT: 5.690 min Scan# 903
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56



Tgt Ion: 57 Resp: 1239591

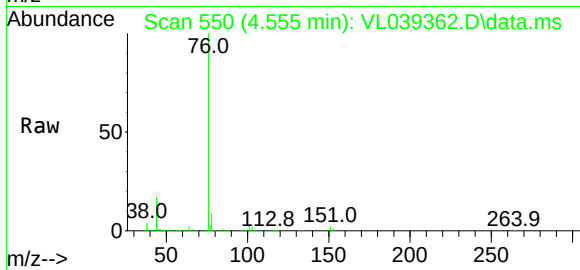
Ion	Ratio	Lower	Upper
57	100		
41	95.8	72.4	108.6
43	236.3	187.0	280.6
56	53.5	41.8	62.6





#27
Carbon Disulfide
Concen: 12.471 ppbv
RT: 4.555 min Scan# 511
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01

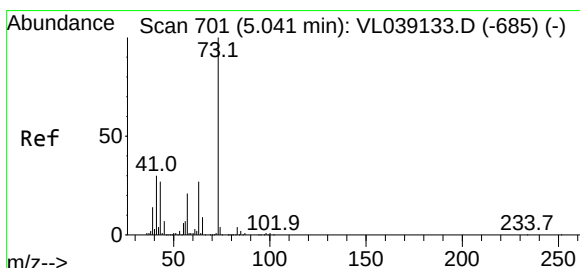
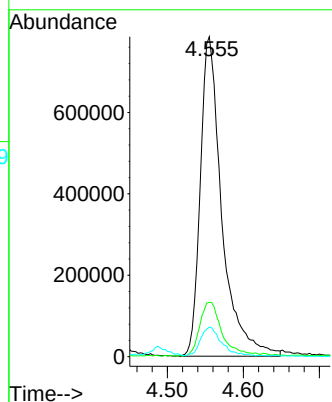
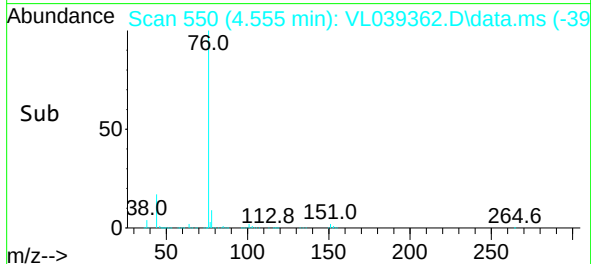


Tgt Ion: 76 Resp: 154484

Ion	Ratio	Lower	Upper
76	100		
44	18.1	14.4	21.6
78	9.6	7.7	11.5

Manual Integrations
APPROVED

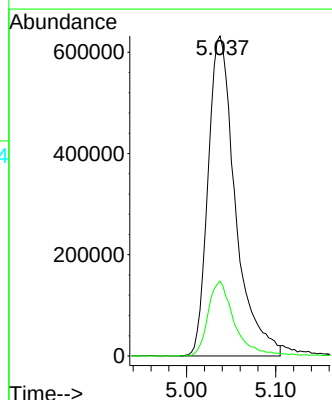
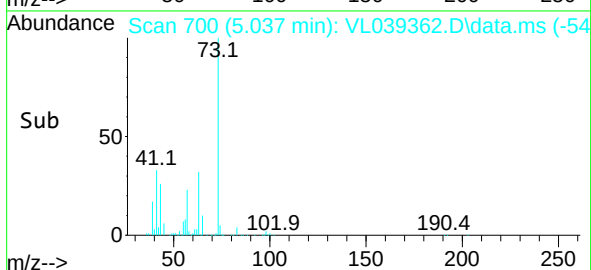
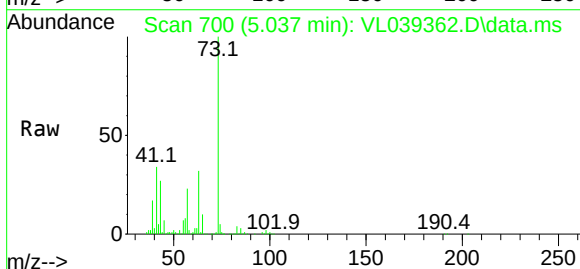
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

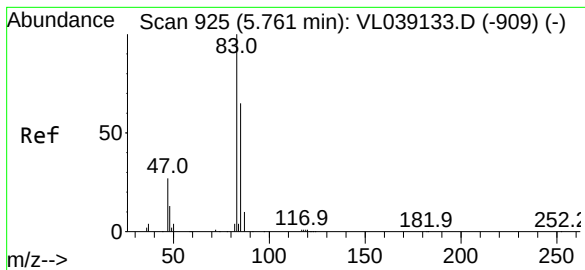


#28
Methyl tert-Butyl Ether
Concen: 10.195 ppbv
RT: 5.037 min Scan# 700
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

Tgt Ion: 73 Resp: 1345143

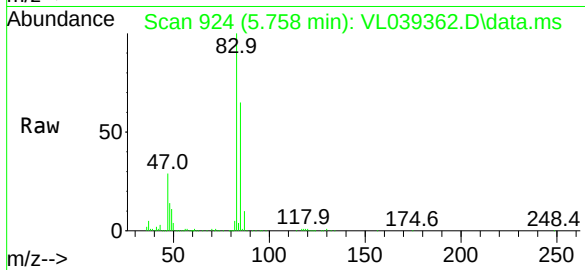
Ion	Ratio	Lower	Upper
73	100		
57	22.7	18.6	27.8





#29
Chloroform
Concen: 9.884 ppbv
RT: 5.758 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

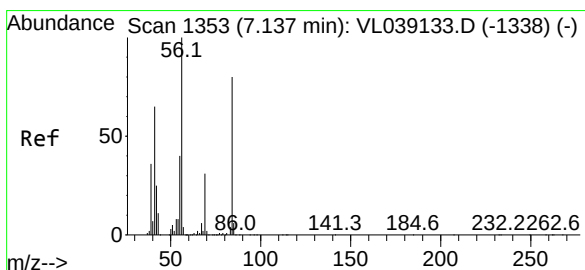
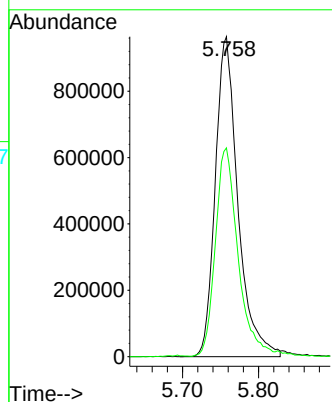
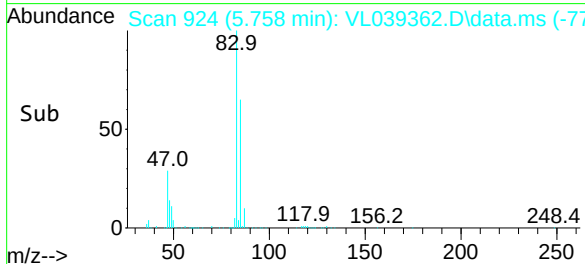
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01



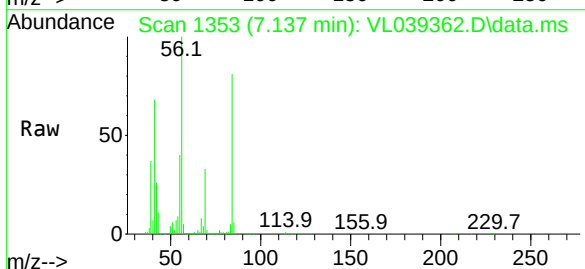
Tgt Ion: 83 Resp: 1987910
Ion Ratio Lower Upper
83 100
85 65.0 52.4 78.6

Manual Integrations
APPROVED

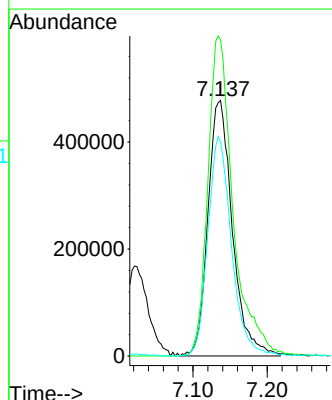
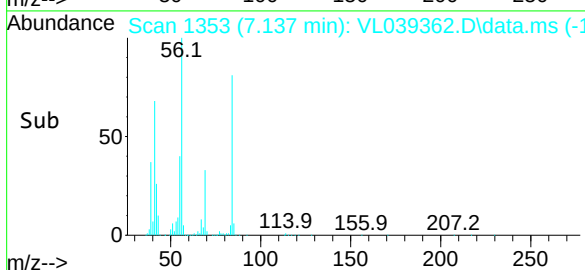
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

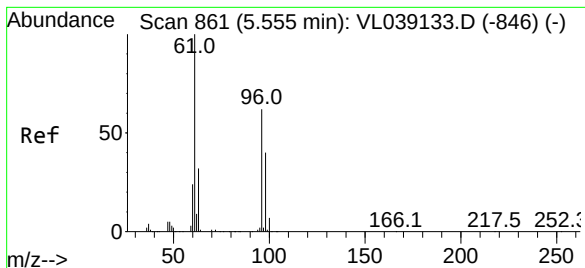


#30
Cyclohexane
Concen: 10.878 ppbv
RT: 7.137 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56



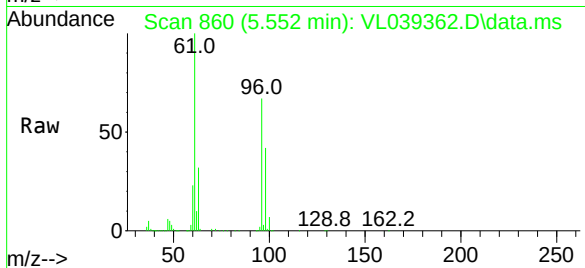
Tgt Ion: 84 Resp: 1092148
Ion Ratio Lower Upper
84 100
56 129.9 110.6 165.8
41 83.8 68.9 103.3





#31
cis-1,2-Dichloroethene
Concen: 10.210 ppbv
RT: 5.552 min Scan# 80
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

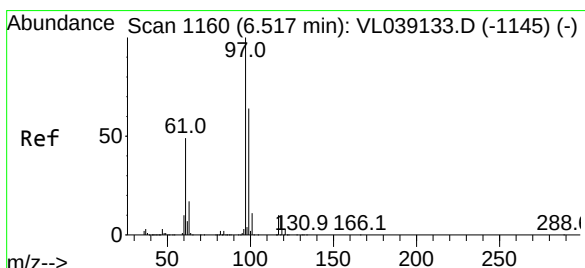
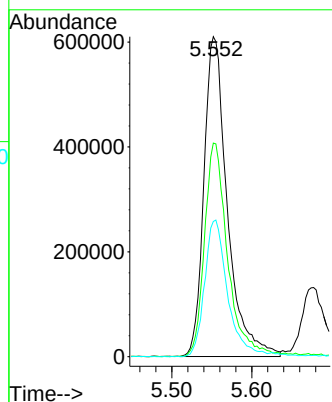
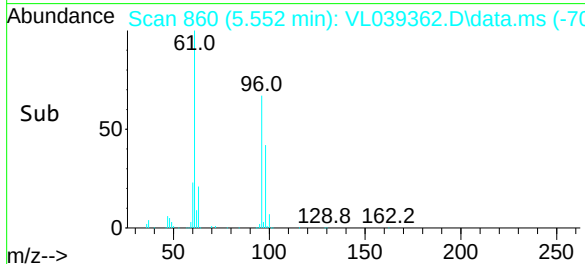
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01



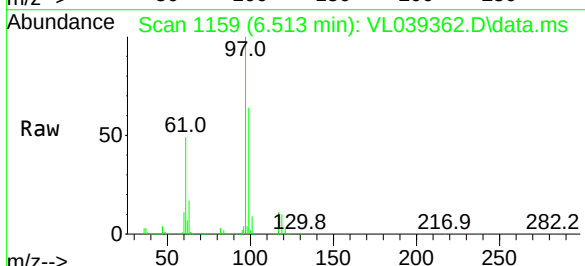
Tgt Ion: 61 Resp: 1244300
Ion Ratio Lower Upper
61 100
96 66.7 49.9 74.9
98 42.3 32.0 48.0

Manual Integrations
APPROVED

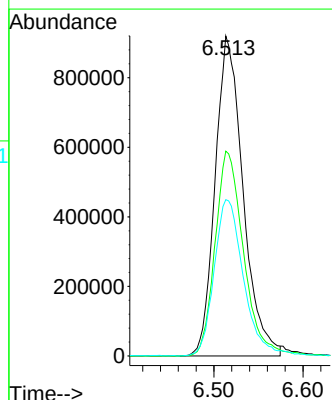
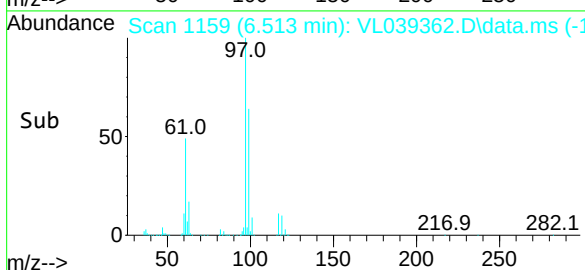
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

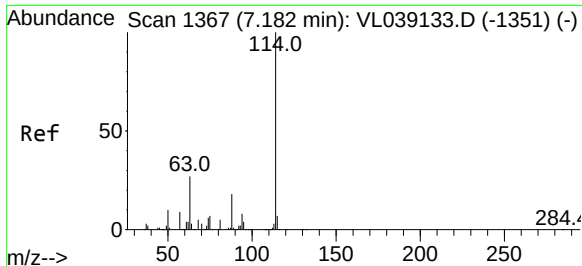


#32
1,1,1-Trichloroethane
Concen: 10.165 ppbv
RT: 6.513 min Scan# 1159
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56



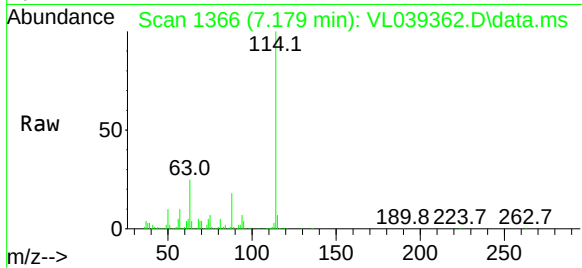
Tgt Ion: 97 Resp: 2000354
Ion Ratio Lower Upper
97 100
99 65.6 52.1 78.1
61 52.0 40.0 60.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.179 min Scan# 114
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

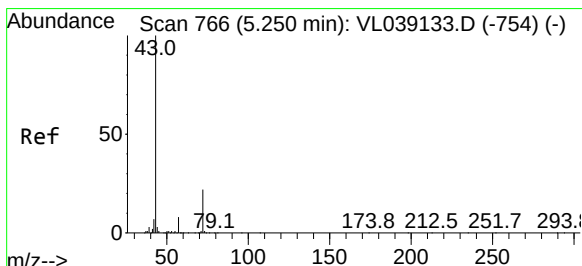
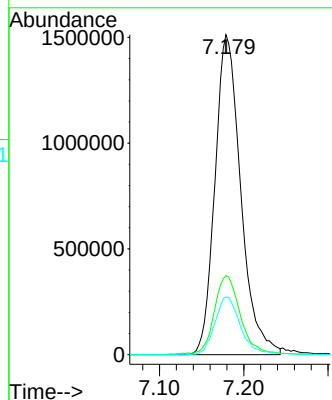
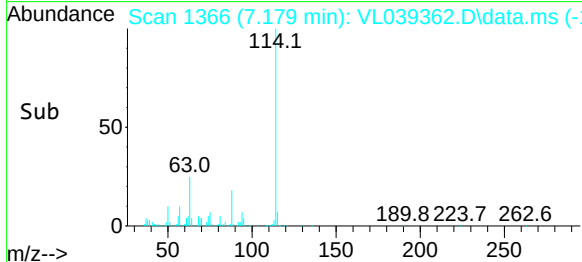
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01



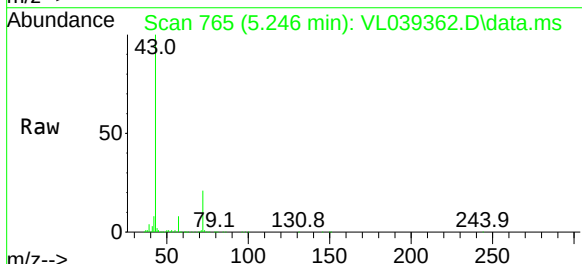
Tgt Ion:114 Resp: 321064
Ion Ratio Lower Upper
114 100
63 25.2 21.7 32.5
88 18.1 14.8 22.2

Manual Integrations
APPROVED

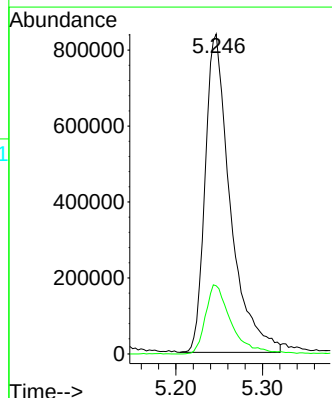
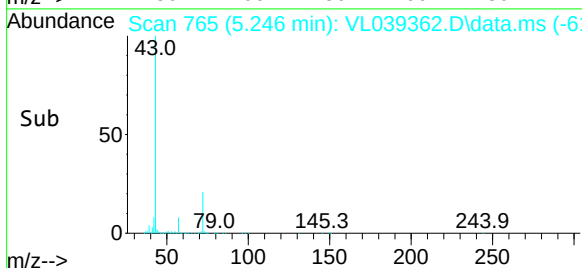
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

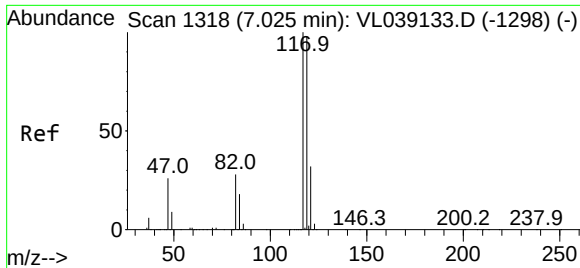


#34
2-Butanone
Concen: 9.714 ppbv
RT: 5.246 min Scan# 765
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56



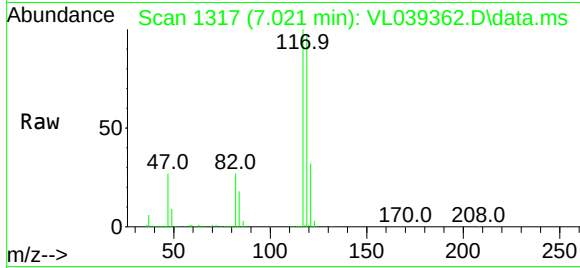
Tgt Ion: 43 Resp: 1694387
Ion Ratio Lower Upper
43 100
72 22.6 18.2 27.2





#35
Carbon Tetrachloride
Concen: 9.211 ppbv
RT: 7.021 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

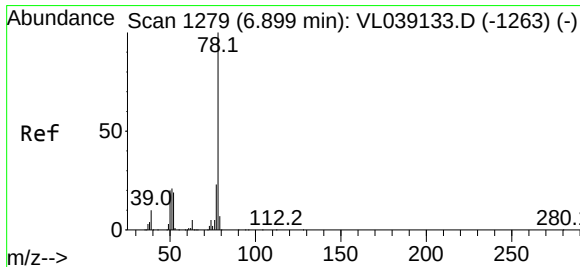
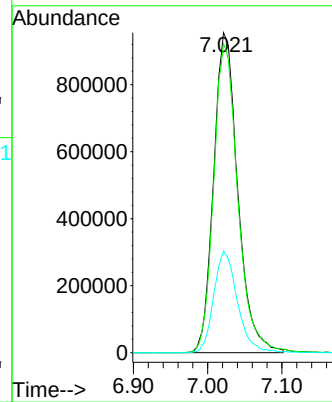
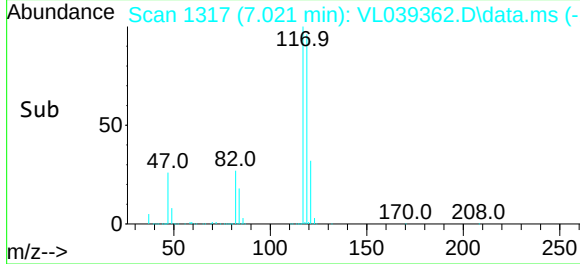
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01



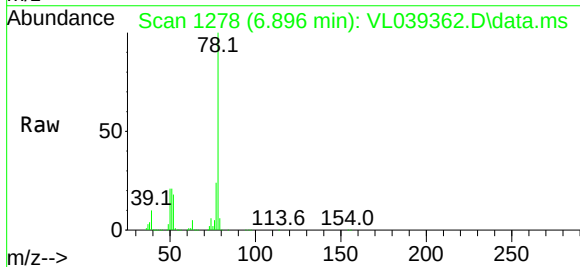
Tgt Ion:117 Resp: 2158419
Ion Ratio Lower Upper
117 100
119 96.5 78.6 118.0
121 31.8 25.4 38.0

Manual Integrations
APPROVED

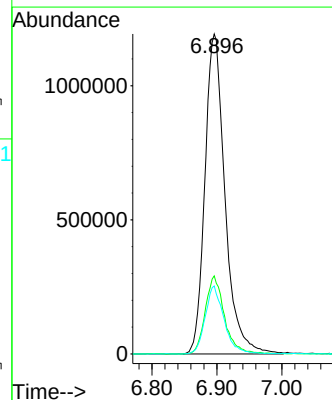
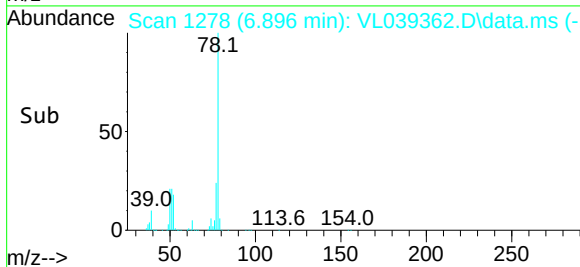
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

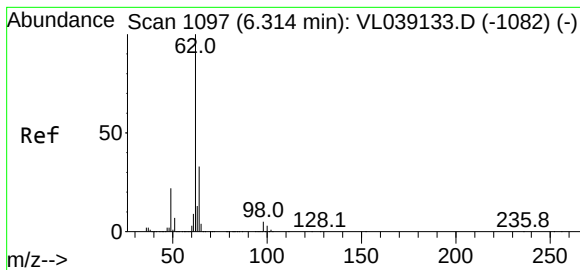


#36
Benzene
Concen: 9.863 ppbv
RT: 6.896 min Scan# 1278
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56



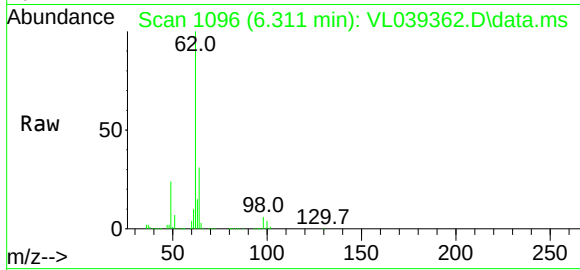
Tgt Ion: 78 Resp: 2570781
Ion Ratio Lower Upper
78 100
77 24.3 18.6 27.8
50 21.2 15.8 23.8





#37
1,2-Dichloroethane
Concen: 8.973 ppbv
RT: 6.311 min Scan# 1096
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

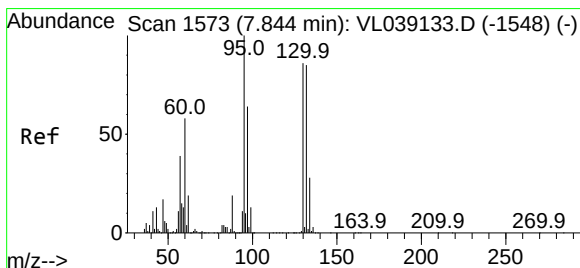
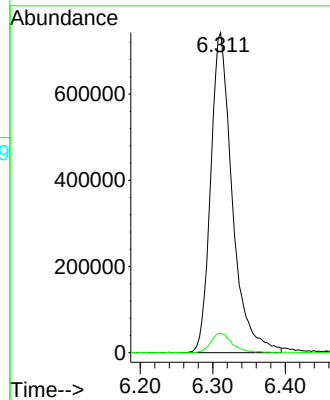
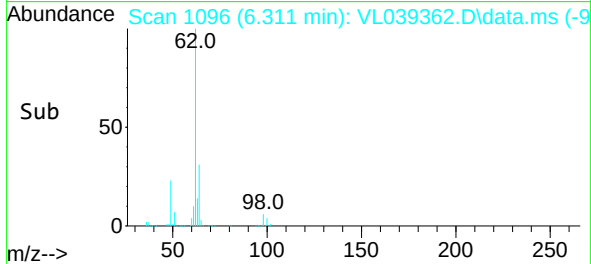
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01



Tgt Ion: 62 Resp: 153925
Ion Ratio Lower Upper
62 100
98 6.3 4.3 6.5

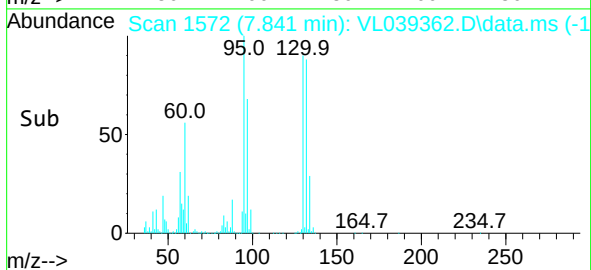
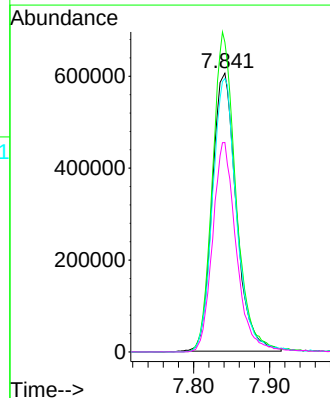
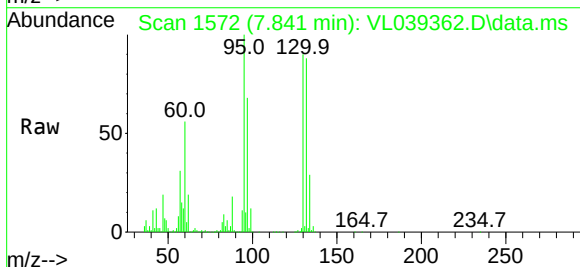
Manual Integrations
APPROVED

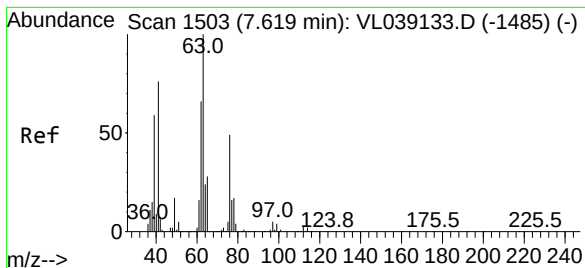
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#38
Trichloroethene
Concen: 11.129 ppbv
RT: 7.841 min Scan# 1572
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

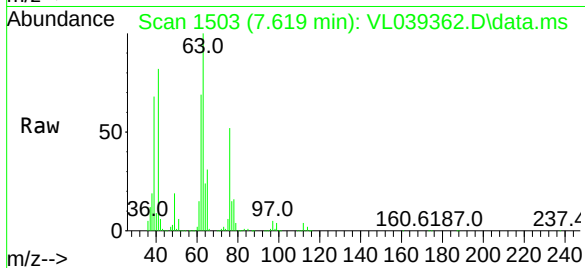
Tgt Ion:130 Resp: 1332456
Ion Ratio Lower Upper
130 100
95 111.4 93.3 139.9
132 98.3 79.0 118.4
97 75.3 59.4 89.2





#39
1,2-Dichloropropane
Concen: 9.136 ppbv
RT: 7.619 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

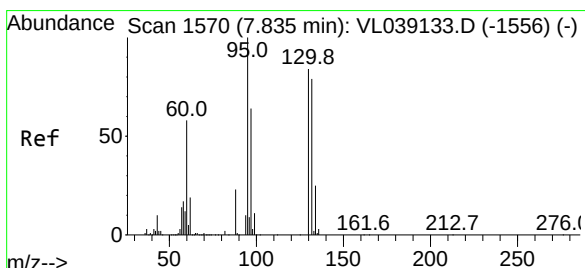
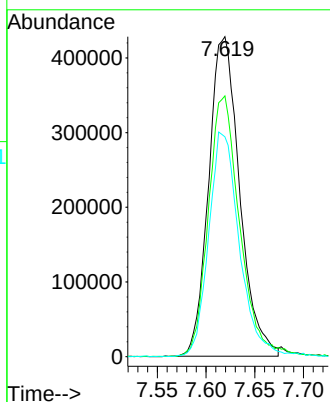
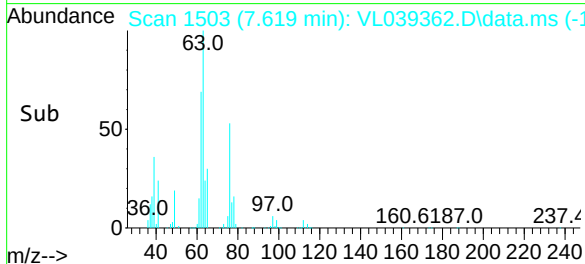
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01



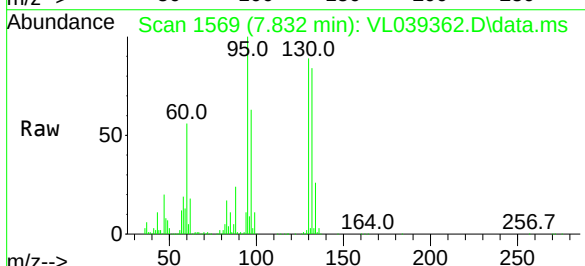
Tgt Ion: 63 Resp: 94719
Ion Ratio Lower Upper
63 100
41 81.4 60.8 91.2
62 68.4 52.9 79.3

Manual Integrations
APPROVED

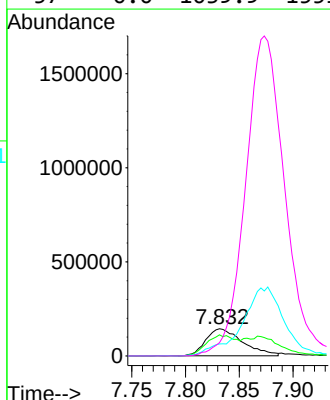
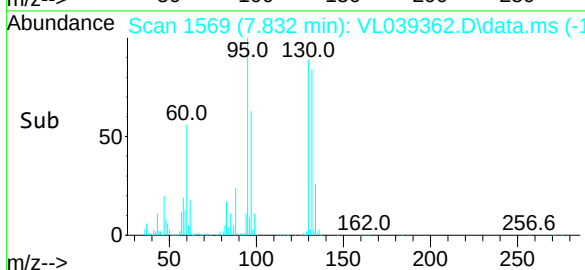
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

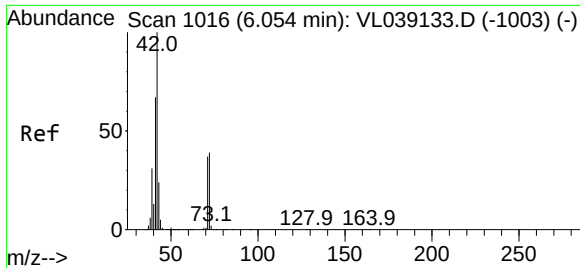


#40
1,4-Dioxane
Concen: 10.060 ppbv
RT: 7.832 min Scan# 1569
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56



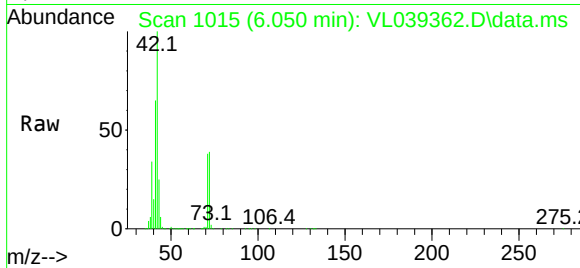
Tgt Ion: 88 Resp: 343370
Ion Ratio Lower Upper
88 100
58 63.2 111.2 166.8#
43 0.0 234.2 351.4#
57 0.0 1039.9 1559.9#





#41
Tetrahydrofuran
Concen: 9.407 ppbv
RT: 6.050 min Scan# 1016
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

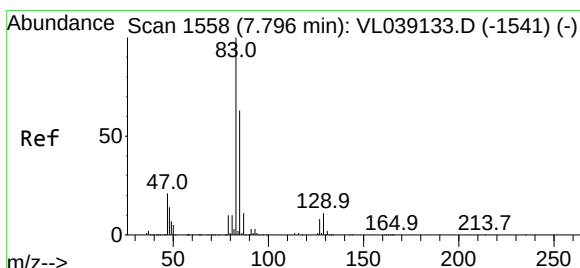
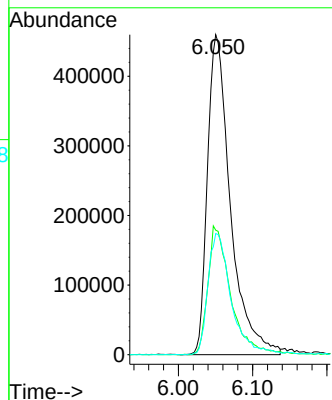
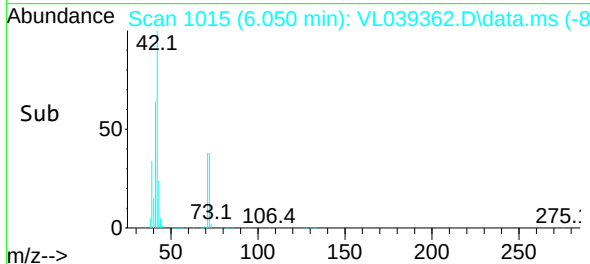
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01



Tgt Ion: 42 Resp: 986827
Ion Ratio Lower Upper
42 100
72 40.4 32.0 48.0
71 38.8 31.1 46.7

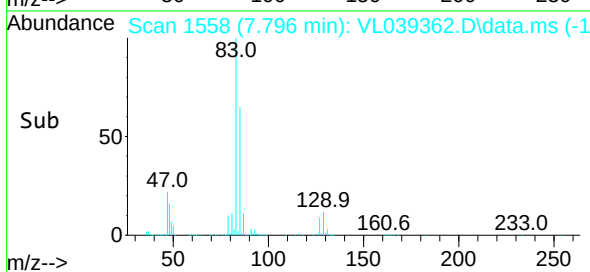
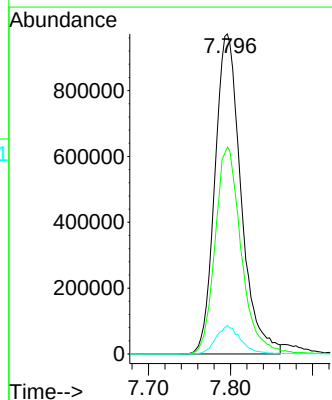
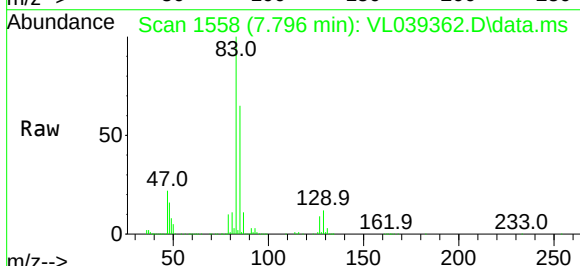
Manual Integrations
APPROVED

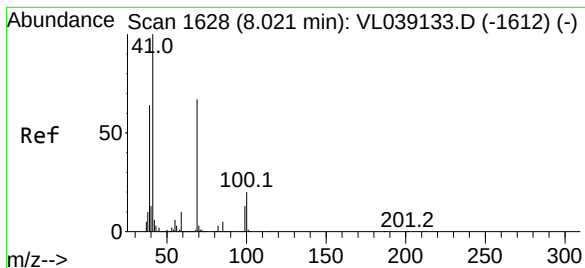
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#42
Bromodichloromethane
Concen: 9.031 ppbv
RT: 7.796 min Scan# 1558
Delta R.T. -0.000 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

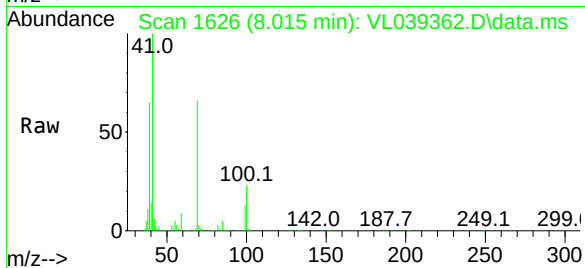
Tgt Ion: 83 Resp: 2150027
Ion Ratio Lower Upper
83 100
85 64.6 50.2 75.4
127 9.0 6.6 9.8





#43
Methyl Methacrylate
Concen: 10.167 ppbv
RT: 8.015 min Scan# 1626
Delta R.T. -0.007 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

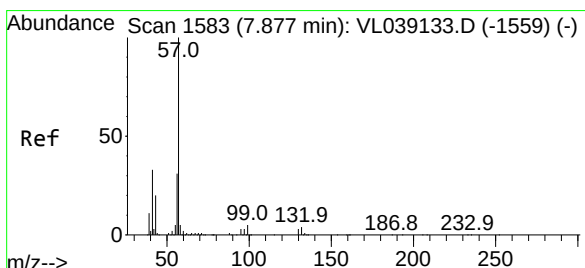
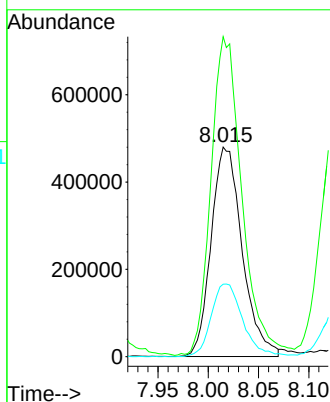
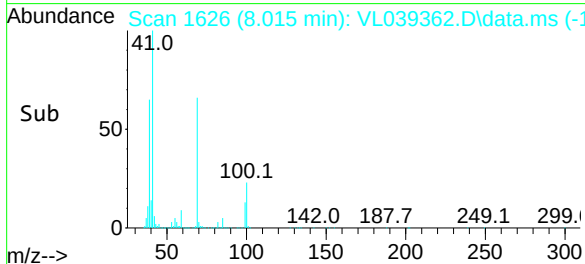
Instrument : MSVOA_L
ClientSampleId : VL0627ABS01



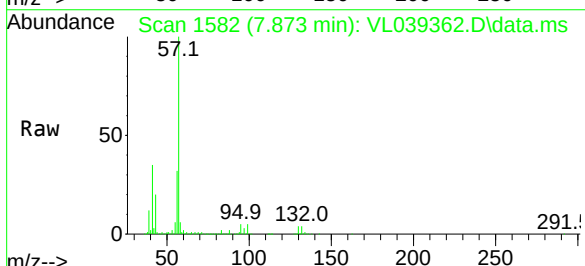
Tgt Ion: 69 Resp: 1032289
Ion Ratio Lower Upper
69 100
41 152.6 121.9 182.9
100 35.4 24.1 36.1

Manual Integrations
APPROVED

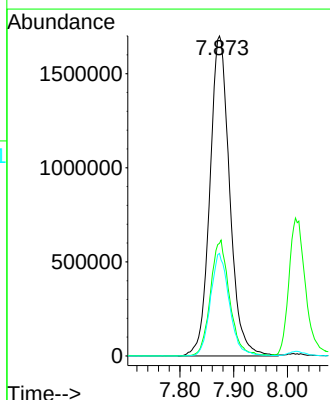
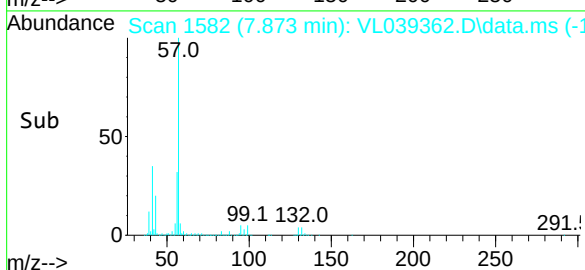
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

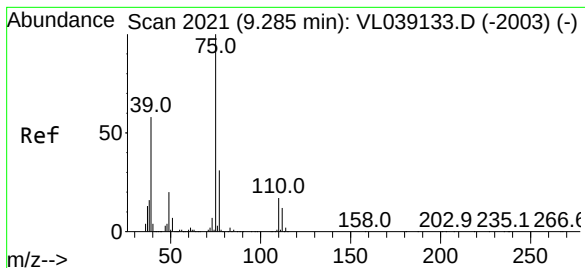


#44
2,2,4-Trimethylpentane
Concen: 9.517 ppbv
RT: 7.873 min Scan# 1582
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56



Tgt Ion: 57 Resp: 4339817
Ion Ratio Lower Upper
57 100
41 35.0 26.2 39.4
56 30.6 24.7 37.1





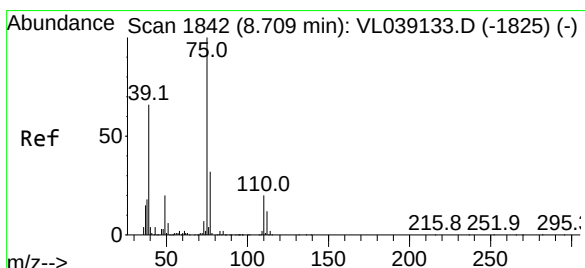
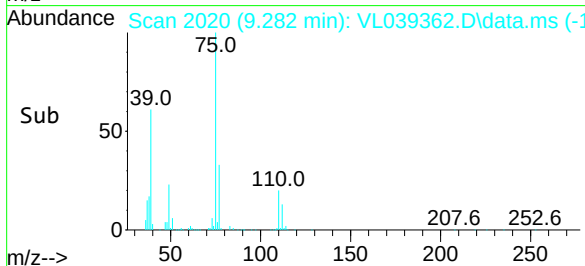
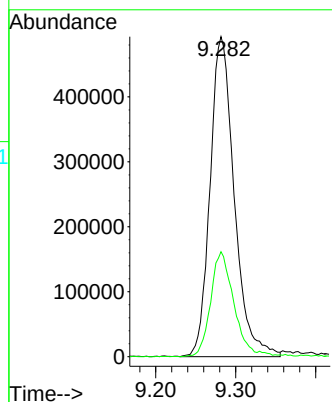
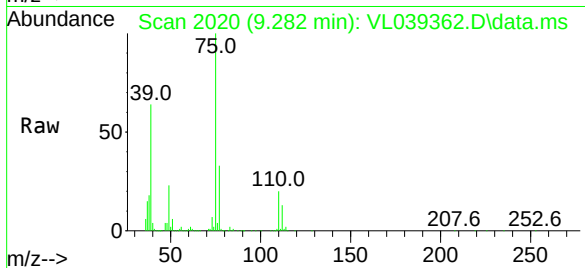
#45
t-1,3-Dichloropropene
Concen: 9.777 ppbv
RT: 9.282 min Scan# 2021
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01

Tgt Ion: 75 Resp: 103386
Ion Ratio Lower Upper
75 100
77 32.8 24.4 36.6

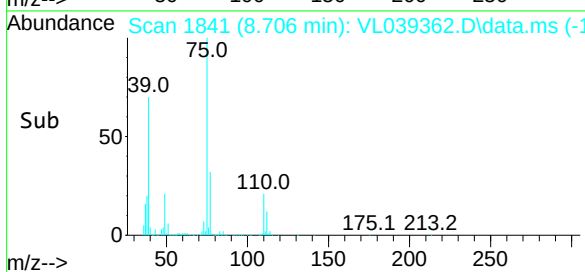
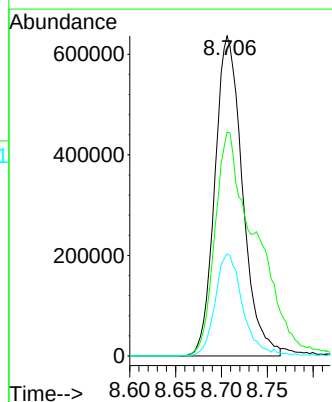
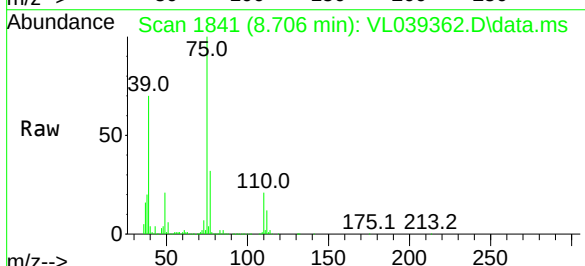
Manual Integrations
APPROVED

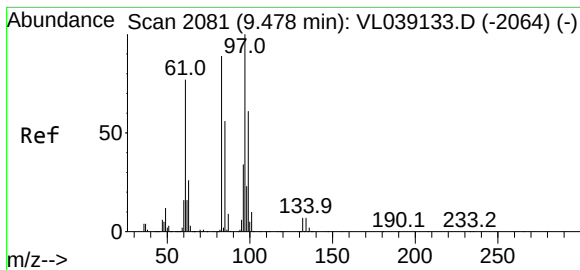
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#46
cis-1,3-Dichloropropene
Concen: 9.554 ppbv
RT: 8.706 min Scan# 1841
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

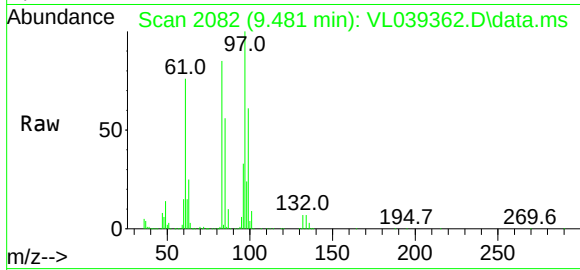
Tgt Ion: 75 Resp: 1334578
Ion Ratio Lower Upper
75 100
39 69.8 52.4 78.6
77 31.9 25.5 38.3





#47
1,1,2-Trichloroethane
Concen: 9.923 ppbv
RT: 9.481 min Scan# 2081
Delta R.T. 0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

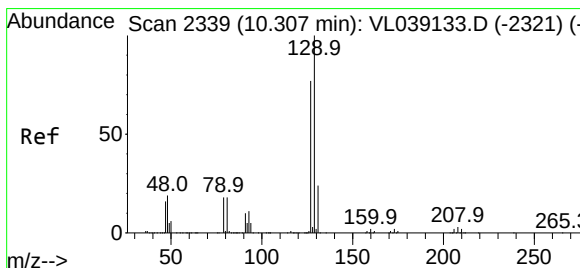
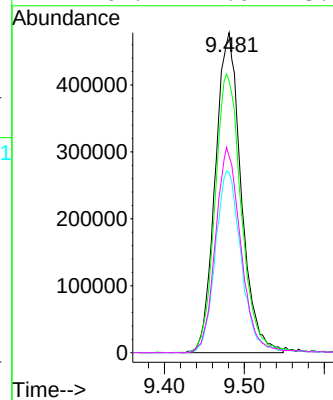
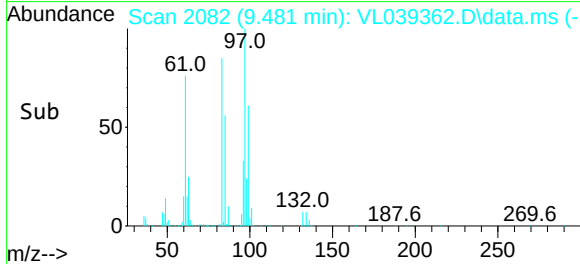
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01



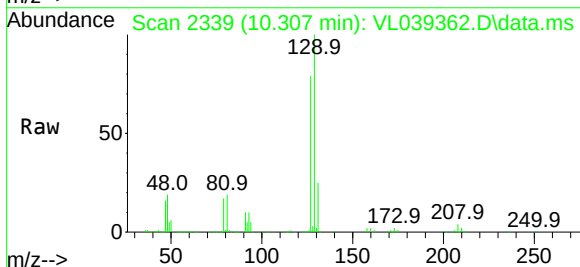
Tgt Ion: 97 Resp: 107330
Ion Ratio Lower Upper
97 100
83 84.8 71.6 107.4
85 56.3 44.8 67.2
99 61.4 49.0 73.4

Manual Integrations
APPROVED

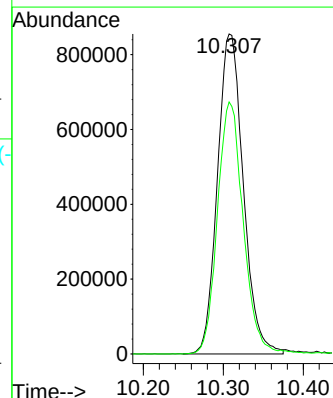
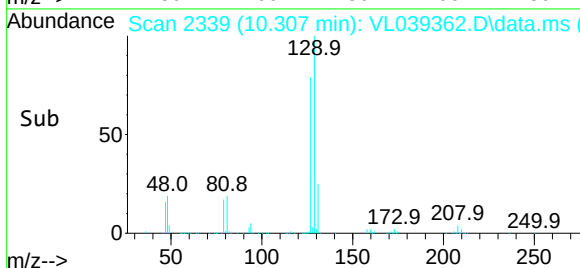
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

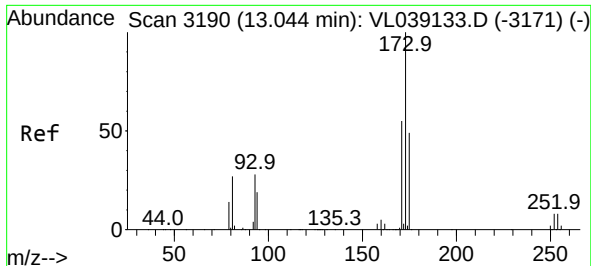


#48
Dibromochloromethane
Concen: 9.932 ppbv
RT: 10.307 min Scan# 2339
Delta R.T. -0.000 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56



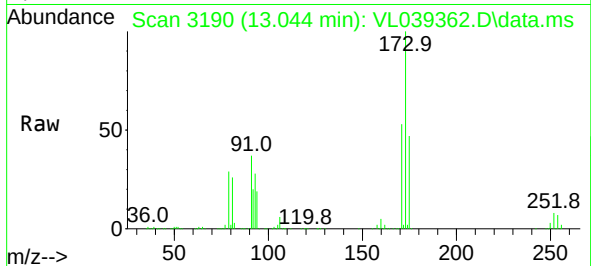
Tgt Ion:129 Resp: 1918136
Ion Ratio Lower Upper
129 100
127 79.0 40.0 119.9





#49
Bromoform
Concen: 9.831 ppbv
RT: 13.044 min Scan# 3190
Delta R.T. -0.000 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

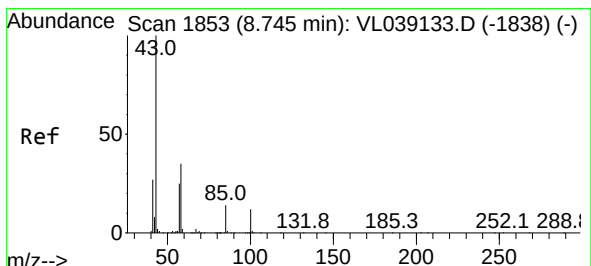
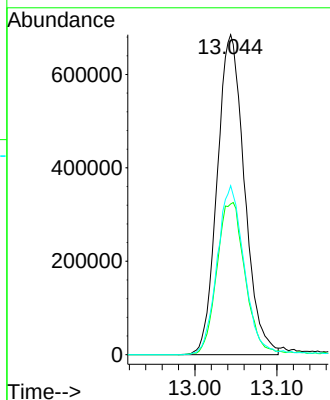
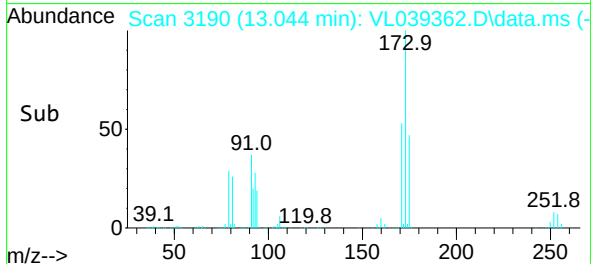
Instrument : MSVOA_L
ClientSampleId : VL0627ABS01



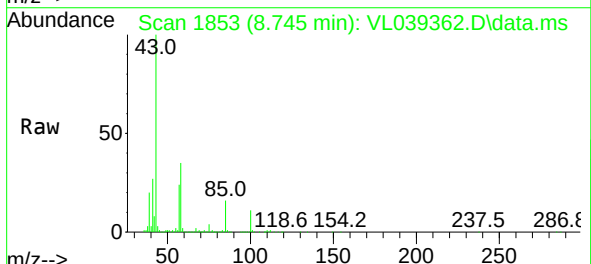
Tgt Ion: 173 Resp: 1582408
Ion Ratio Lower Upper
173 100
175 50.5 40.2 60.2
171 53.5 43.9 65.9

Manual Integrations
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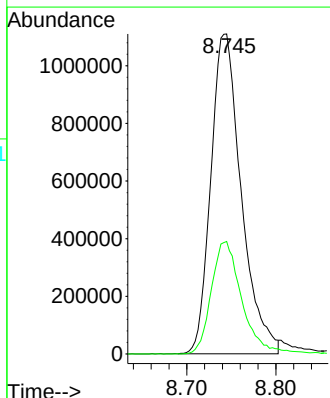
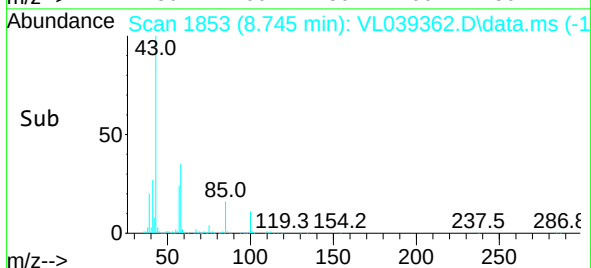
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

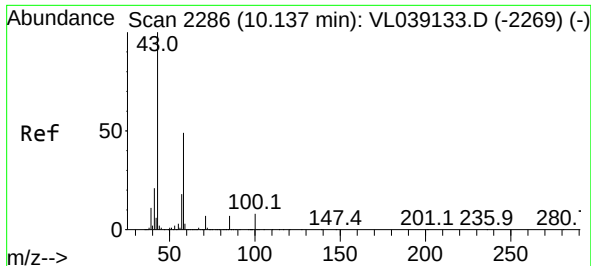


#50
4-Methyl-2-Pentanone
Concen: 10.089 ppbv
RT: 8.745 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56



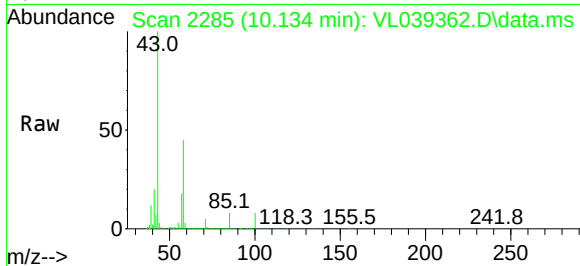
Tgt Ion: 43 Resp: 2634277
Ion Ratio Lower Upper
43 100
58 35.6 28.7 43.1





#51
2-Hexanone
Concen: 9.869 ppbv
RT: 10.134 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

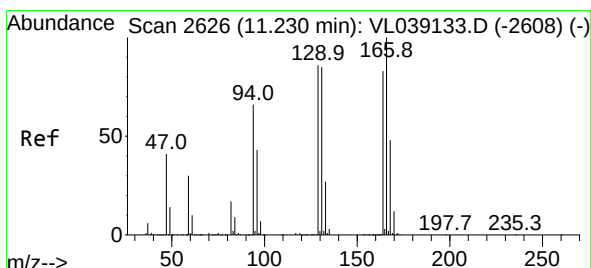
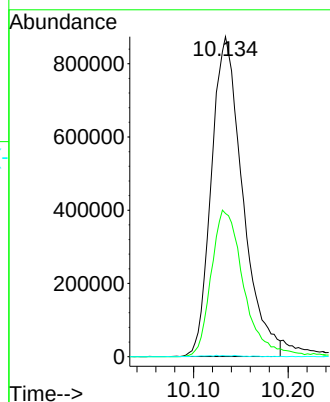
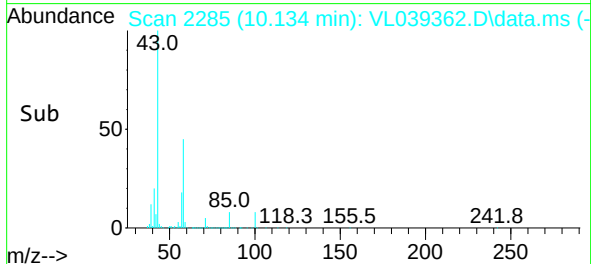
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01



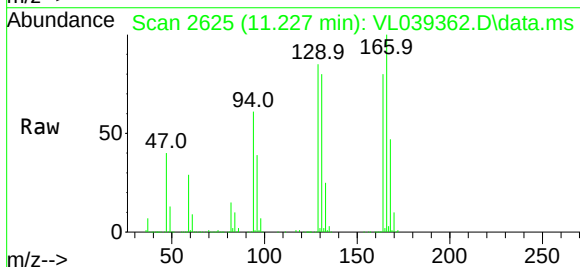
Tgt Ion: 43 Resp: 2005120
Ion Ratio Lower Upper
43 100
58 48.9 40.0 60.0
98 0.4 0.1 0.1

Manual Integrations
APPROVED

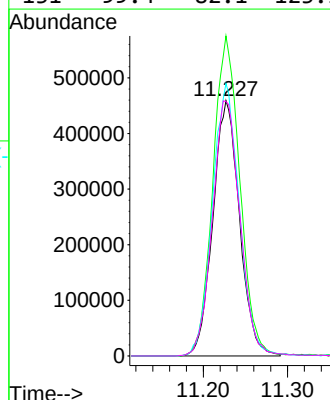
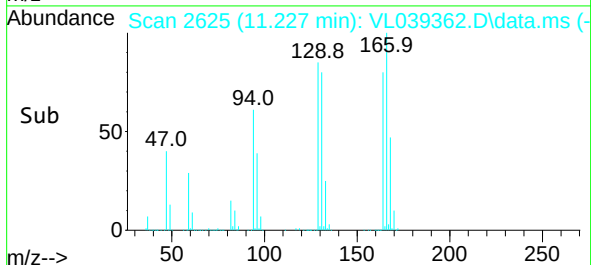
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

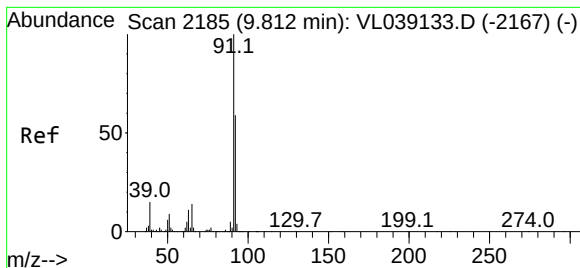


#52
Tetrachloroethene
Concen: 9.859 ppbv
RT: 11.227 min Scan# 2625
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56



Tgt Ion:164 Resp: 1003357
Ion Ratio Lower Upper
164 100
166 125.3 96.3 144.5
129 106.6 82.5 123.7
131 99.4 82.1 123.1





#53

Toluene

Concen: 10.284 ppbv

RT: 9.809 min Scan# 2185

Delta R.T. -0.003 min

Lab File: VL039362.D

Acq: 27 Jun 2022 15:56

Instrument :

MSVOA_L

ClientSampleId :

VL0627ABS01

Tgt Ion: 91 Resp: 308664

Ion Ratio Lower Upper

91 100

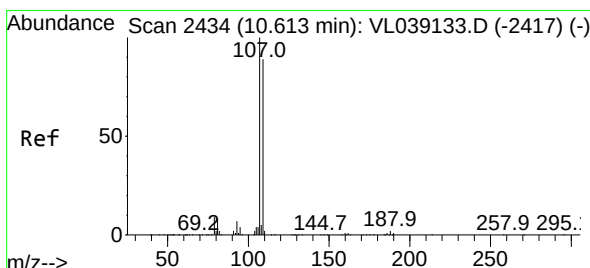
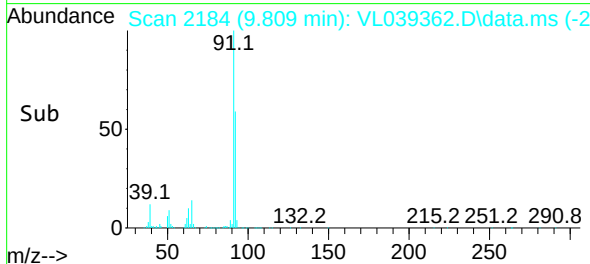
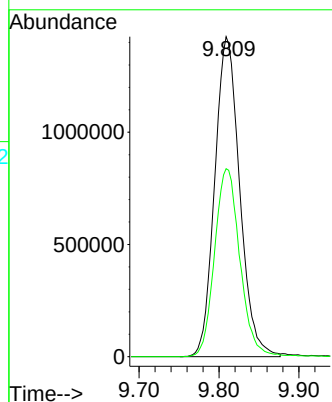
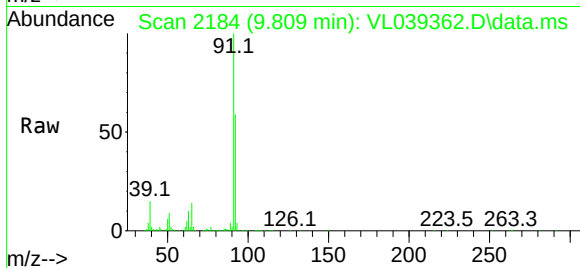
92 60.0 48.1 72.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022

Supervised By :Mahesh Dadoda 06/30/2022



#54

1,2-Dibromoethane

Concen: 9.927 ppbv

RT: 10.613 min Scan# 2434

Delta R.T. -0.000 min

Lab File: VL039362.D

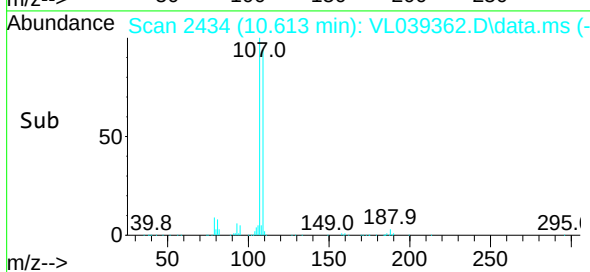
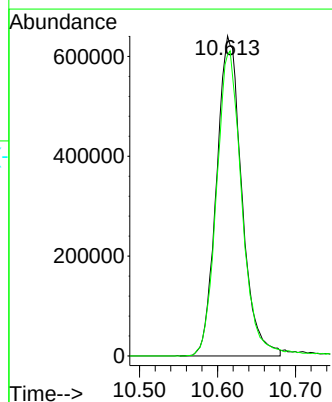
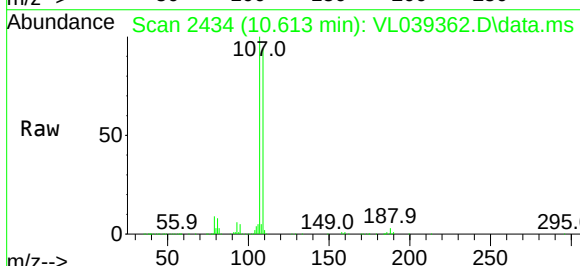
Acq: 27 Jun 2022 15:56

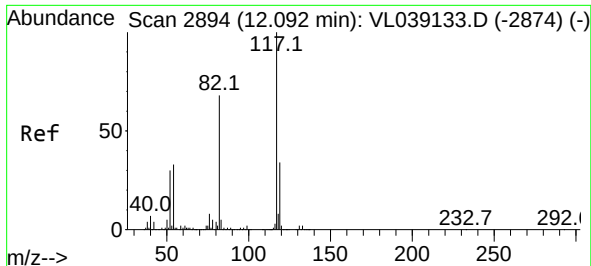
Tgt Ion:107 Resp: 1442893

Ion Ratio Lower Upper

107 100

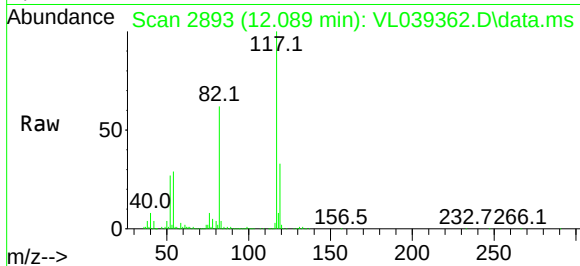
109 94.1 71.4 107.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.089 min Scan# 2893
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

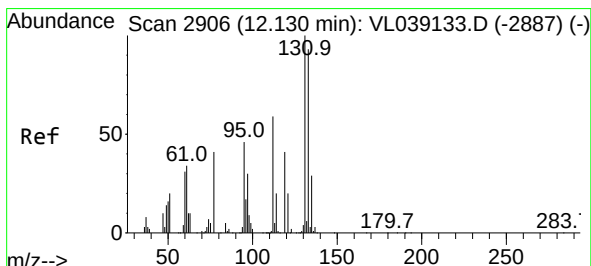
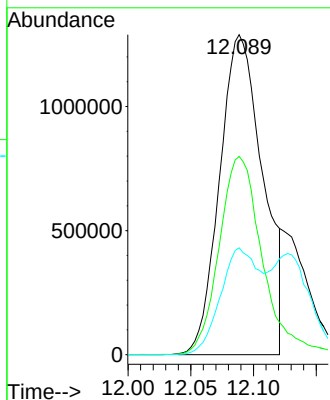
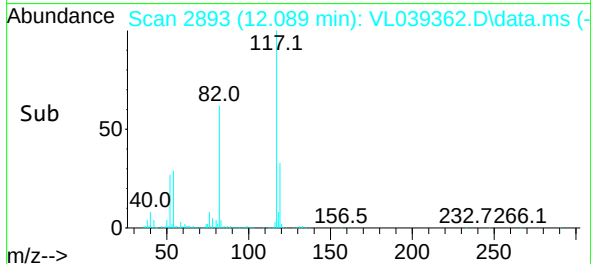
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01



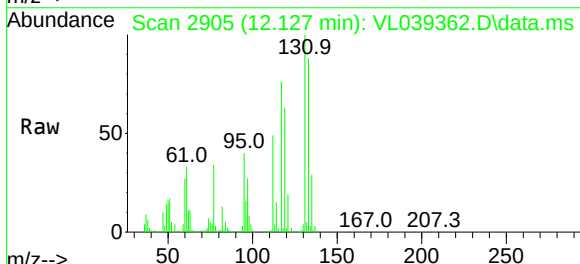
Tgt Ion:117 Resp: 309188
Ion Ratio Lower Upper
117 100
82 63.1 55.1 82.7
119 29.7 24.7 37.1

Manual Integrations
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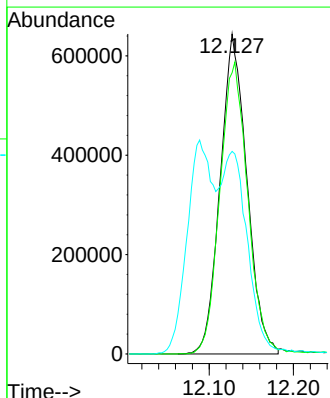
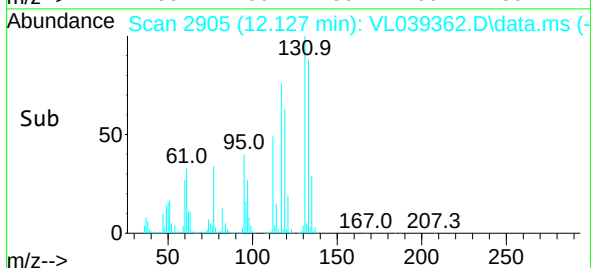
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

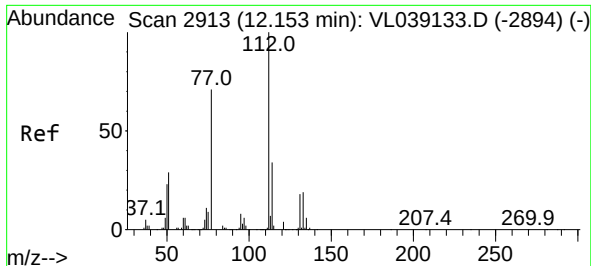


#56
1,1,1,2-Tetrachloroethane
Concen: 9.677 ppbv
RT: 12.127 min Scan# 2905
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56



Tgt Ion:131 Resp: 1415704
Ion Ratio Lower Upper
131 100
133 95.4 78.6 117.8
119 60.6 51.7 77.5





#57

Chlorobenzene

Concen: 10.195 ppbv

RT: 12.150 min Scan# 2912

Delta R.T. -0.003 min

Lab File: VL039362.D

Acq: 27 Jun 2022 15:56

Instrument :

MSVOA_L

ClientSampleId :

VL0627ABS01

Tgt Ion:112 Resp: 2371780

Ion Ratio Lower Upper

112 100

77 62.9 56.5 84.7

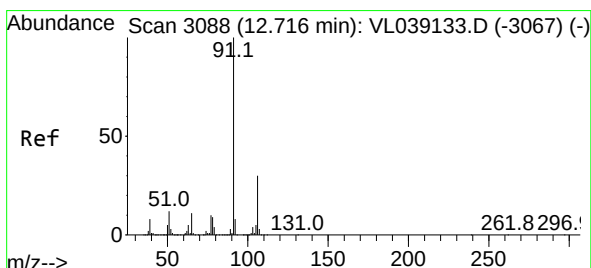
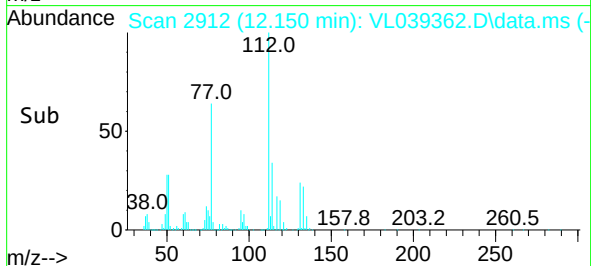
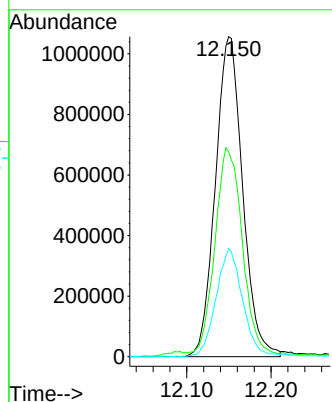
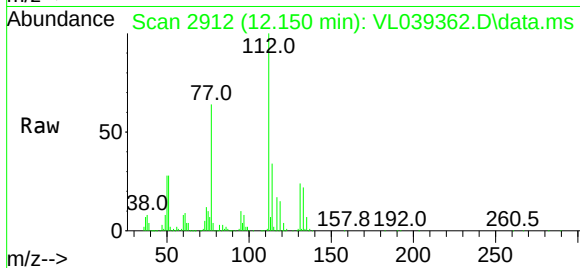
114 33.7 30.3 37.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022

Supervised By :Mahesh Dadoda 06/30/2022



#58

Ethyl Benzene

Concen: 9.898 ppbv

RT: 12.712 min Scan# 3087

Delta R.T. -0.003 min

Lab File: VL039362.D

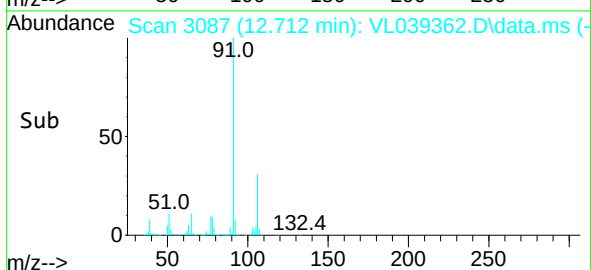
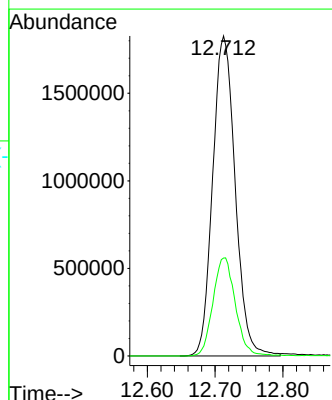
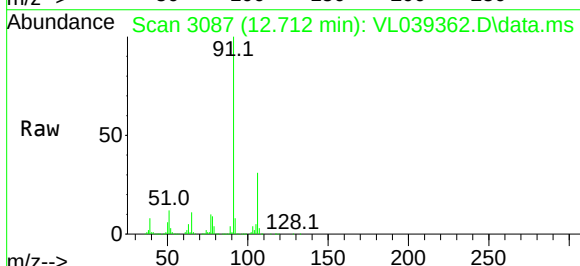
Acq: 27 Jun 2022 15:56

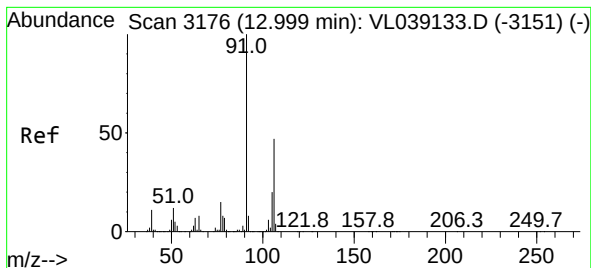
Tgt Ion: 91 Resp: 4215474

Ion Ratio Lower Upper

91 100

106 30.6 24.2 36.4





#59

m/p-Xylene

Concen: 19.244 ppbv m

RT: 12.995 min Scan# 3175

Delta R.T. -0.003 min

Lab File: VL039362.D

Acq: 27 Jun 2022 15:56

Instrument :

MSVOA_L

ClientSampleId :

VL0627ABS01

Tgt Ion: 91 Resp: 721727

Ion Ratio Lower Upper

91 100

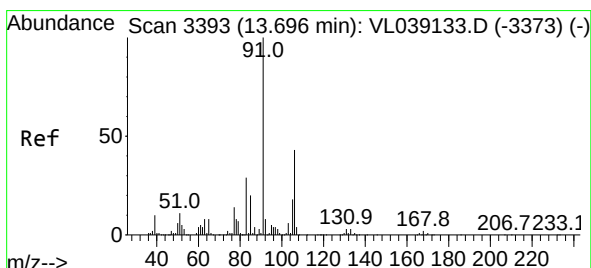
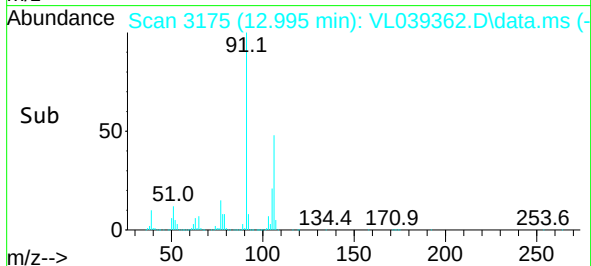
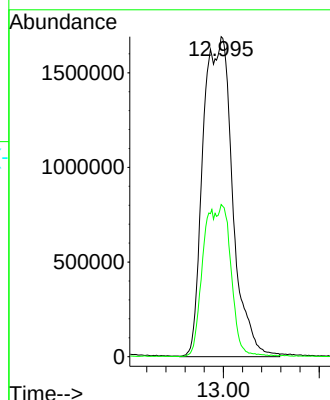
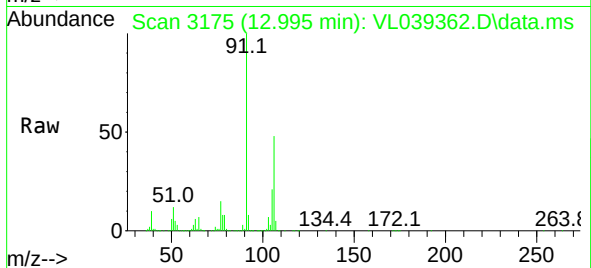
106 44.7 34.3 51.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022

Supervised By :Mahesh Dadoda 06/30/2022



#60

o-Xylene

Concen: 9.947 ppbv

RT: 13.693 min Scan# 3392

Delta R.T. -0.003 min

Lab File: VL039362.D

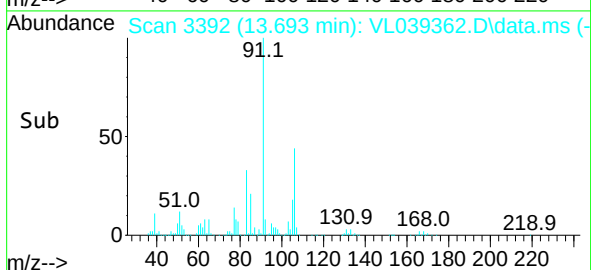
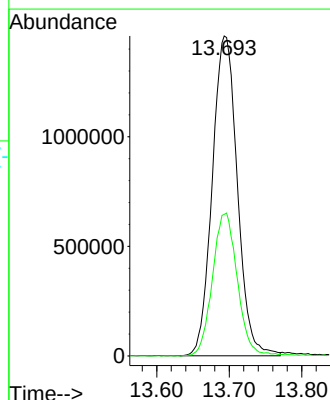
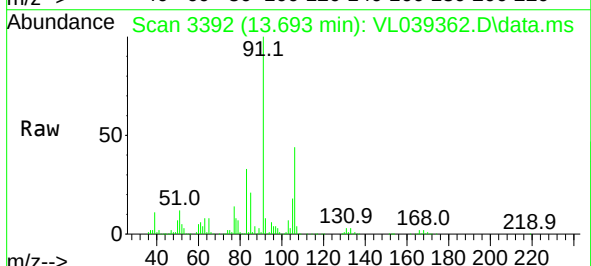
Acq: 27 Jun 2022 15:56

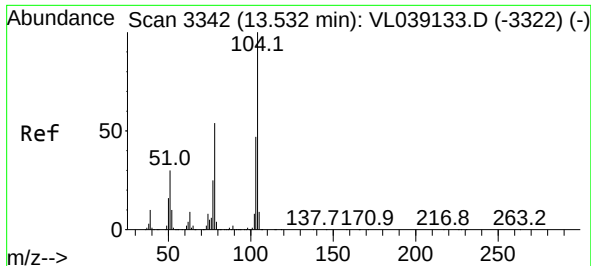
Tgt Ion: 91 Resp: 3505395

Ion Ratio Lower Upper

91 100

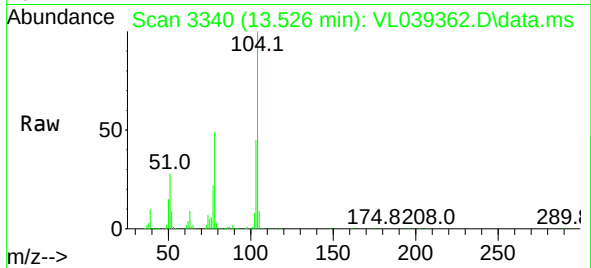
106 44.8 22.3 66.9





#61
Styrene
Concen: 10.779 ppbv
RT: 13.526 min Scan# 31
Delta R.T. -0.007 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

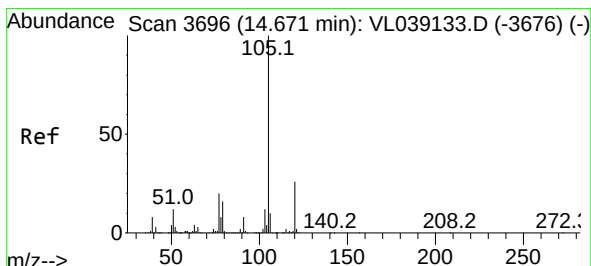
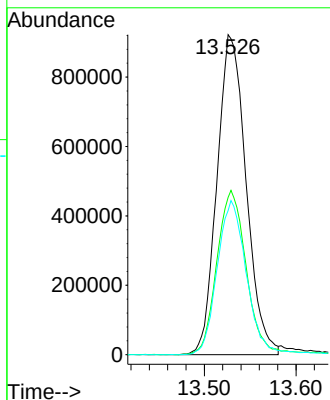
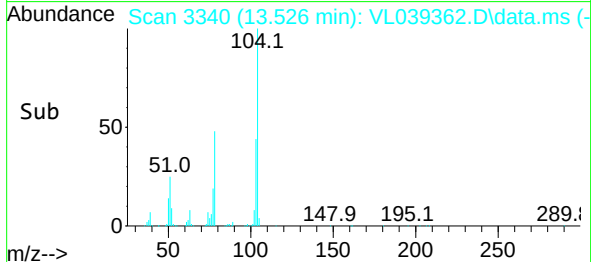
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01



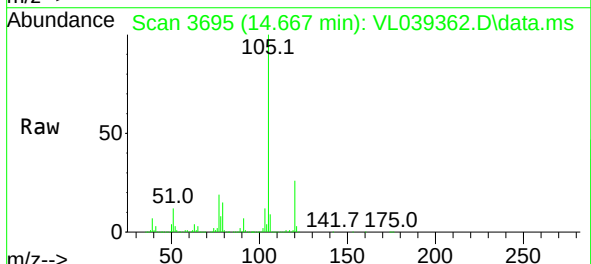
Tgt Ion:104 Resp: 2034130
Ion Ratio Lower Upper
104 100
78 52.4 45.7 68.5
103 48.9 39.6 59.4

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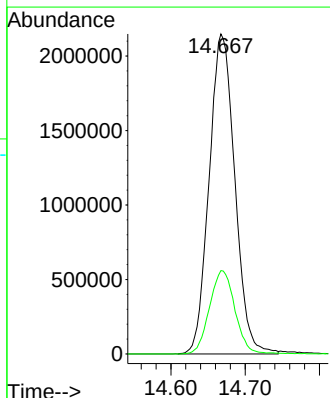
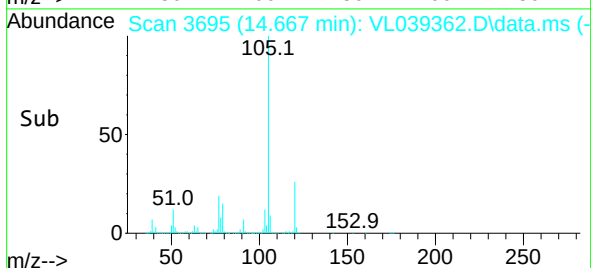
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

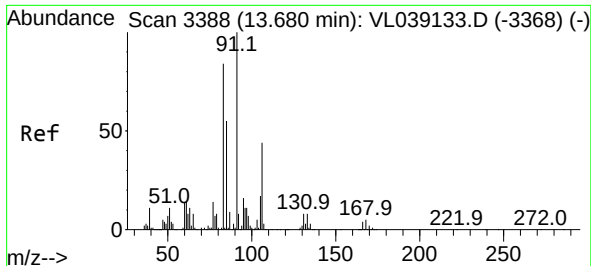


#62
Isopropylbenzene
Concen: 9.859 ppbv
RT: 14.667 min Scan# 3695
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56



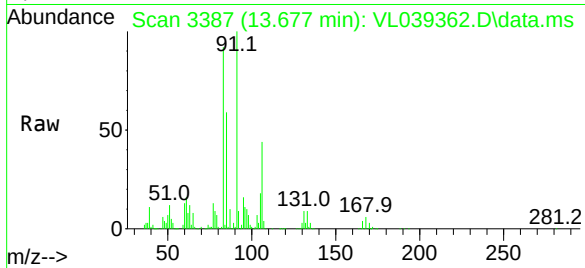
Tgt Ion:105 Resp: 5164154
Ion Ratio Lower Upper
105 100
120 26.0 20.3 30.5





#63
1,1,2,2-Tetrachloroethane
Concen: 8.812 ppbv
RT: 13.677 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

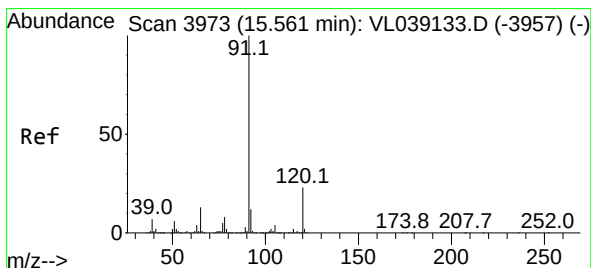
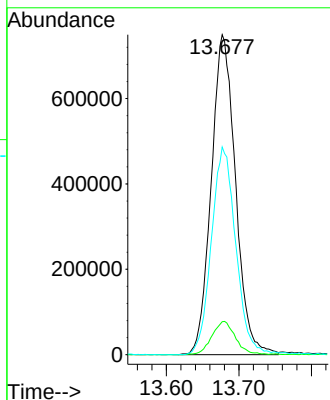
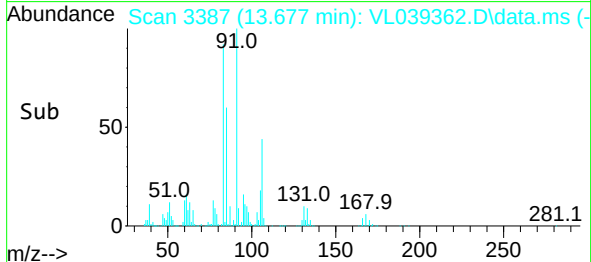
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01



Tgt Ion: 83 Resp: 174319
Ion Ratio Lower Upper
83 100
131 10.3 4.8 14.3
85 66.0 33.0 99.0

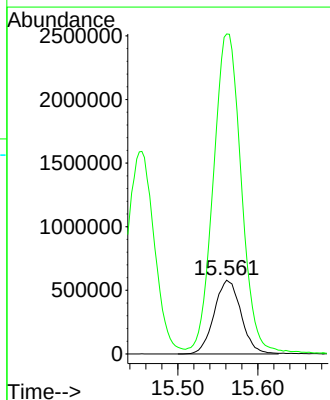
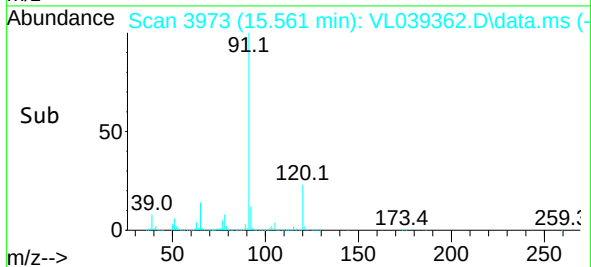
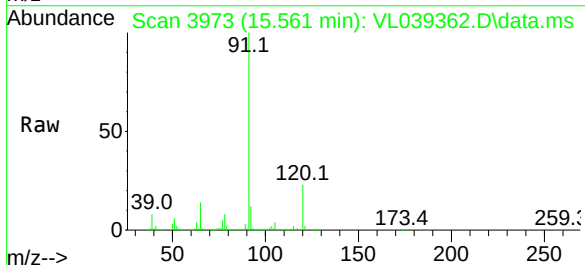
Manual Integrations
APPROVED

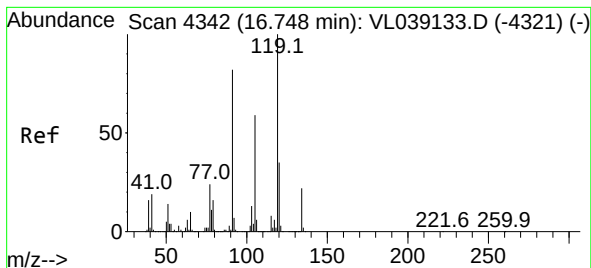
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#64
n-propylbenzene
Concen: 10.479 ppbv
RT: 15.561 min Scan# 3973
Delta R.T. -0.000 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

Tgt Ion:120 Resp: 1349281
Ion Ratio Lower Upper
120 100
91 455.1 388.4 582.6





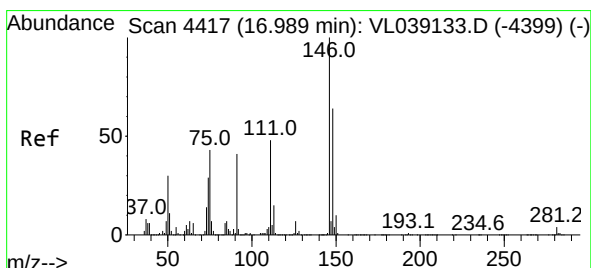
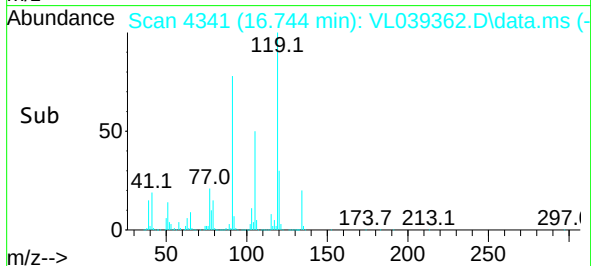
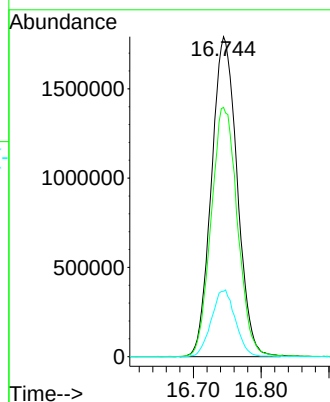
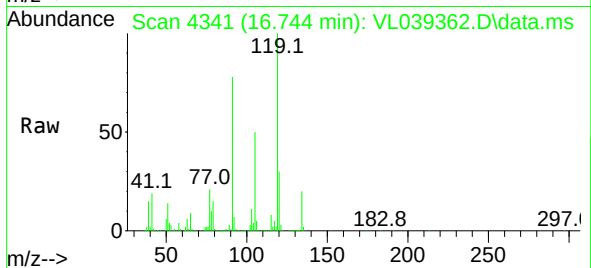
#65
tert-Butylbenzene
Concen: 9.843 ppbv
RT: 16.744 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01

Tgt Ion: 119 Resp: 4714638
Ion Ratio Lower Upper
119 100
91 79.9 67.1 100.7
134 19.6 15.8 23.8

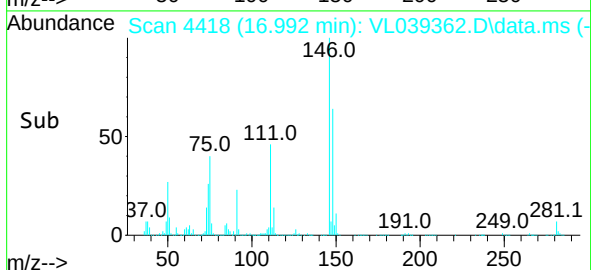
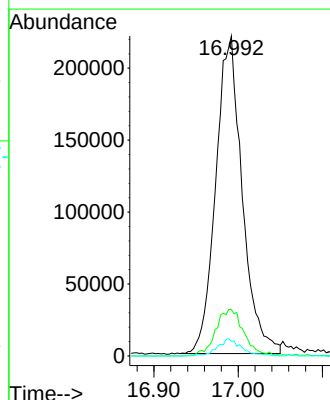
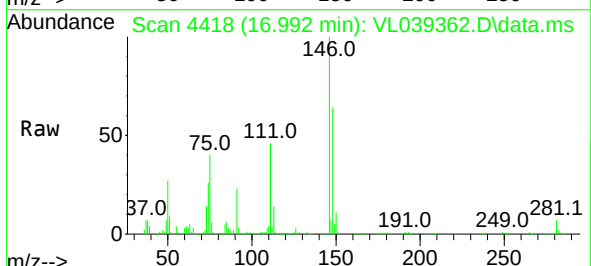
Manual Integrations
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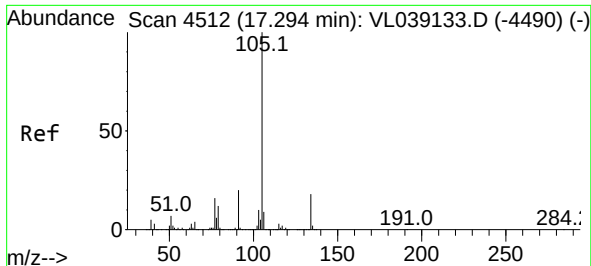
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#66
Benzyl Chloride
Concen: 7.735 ppbv
RT: 16.992 min Scan# 4418
Delta R.T. 0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

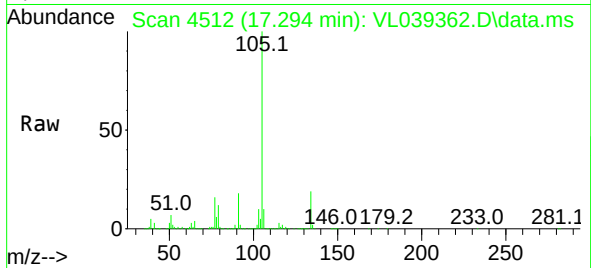
Tgt Ion: 91 Resp: 481723
Ion Ratio Lower Upper
91 100
126 15.7 13.4 20.0
128 5.0 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 9.918 ppbv
 RT: 17.294 min Scan# 4512
 Delta R.T. -0.000 min
 Lab File: VL039362.D
 Acq: 27 Jun 2022 15:56

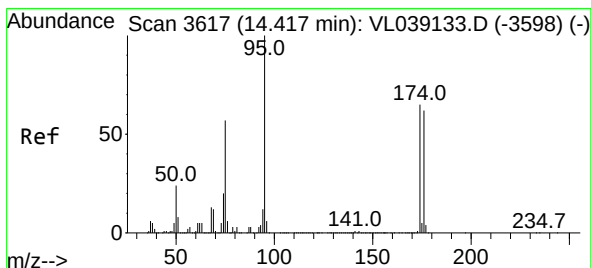
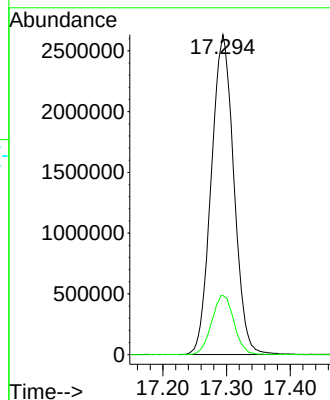
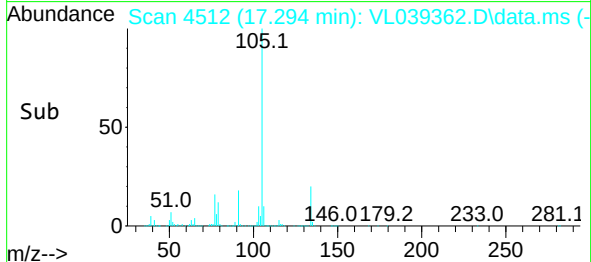
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0627ABS01



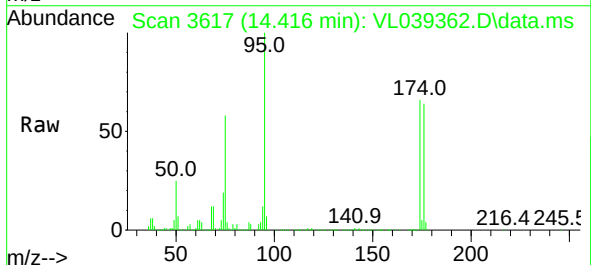
Tgt Ion: 105 Resp: 648135
 Ion Ratio Lower Upper
 105 100
 134 18.4 14.4 21.6

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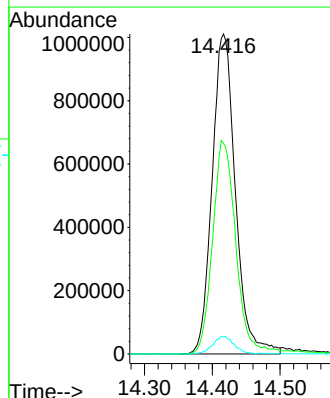
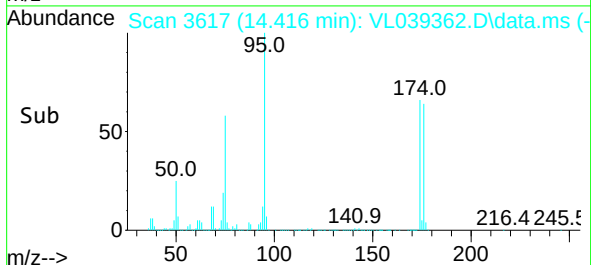
Reviewed By : Semsettin Yesilyurt 06/29/2022
 Supervised By : Mahesh Dadoda 06/30/2022

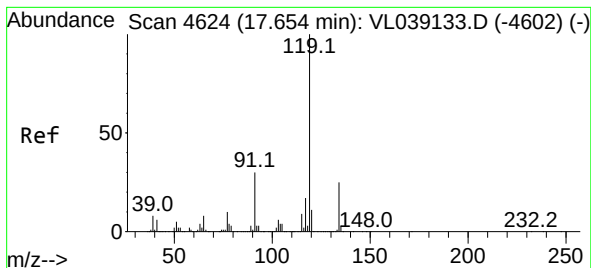


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.422 ppbv
 RT: 14.416 min Scan# 3617
 Delta R.T. -0.000 min
 Lab File: VL039362.D
 Acq: 27 Jun 2022 15:56



Tgt Ion: 95 Resp: 2408443
 Ion Ratio Lower Upper
 95 100
 174 67.9 53.8 80.8
 175 5.2 4.1 6.1





#69

p-Isopropyltoluene

Concen: 10.034 ppbv

RT: 17.651 min Scan# 4623

Delta R.T. -0.003 min

Lab File: VL039362.D

Acq: 27 Jun 2022 15:56

Instrument :

MSVOA_L

ClientSampleId :

VL0627ABS01

Tgt Ion:119 Resp: 5532174

Ion Ratio Lower Upper

119 100

134 25.3 20.4 30.6

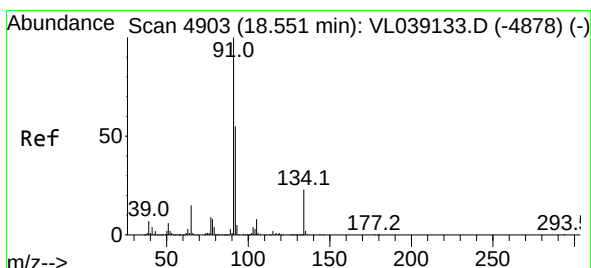
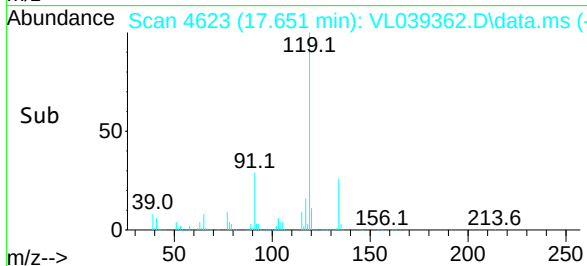
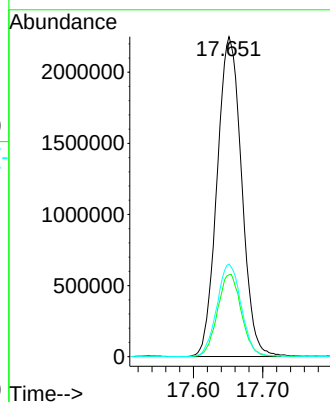
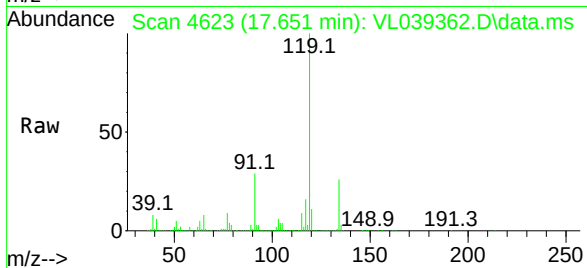
91 28.8 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022

Supervised By :Mahesh Dadoda 06/30/2022



#70

n-Butylbenzene

Concen: 9.704 ppbv

RT: 18.548 min Scan# 4902

Delta R.T. -0.003 min

Lab File: VL039362.D

Acq: 27 Jun 2022 15:56

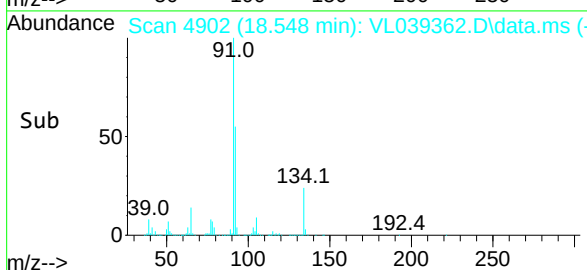
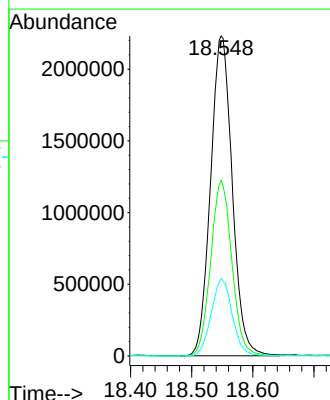
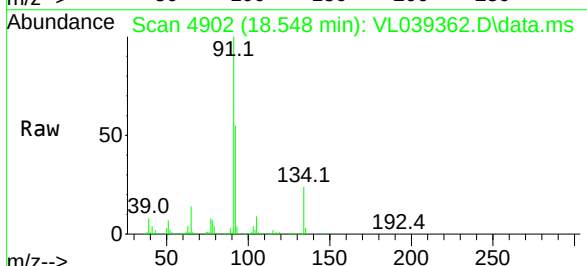
Tgt Ion: 91 Resp: 5492194

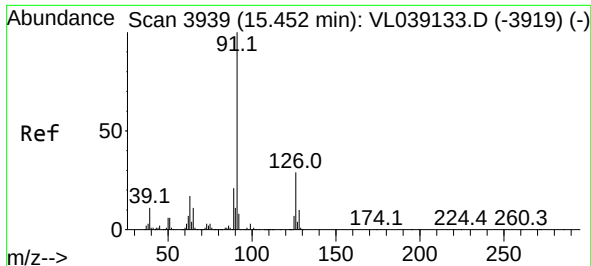
Ion Ratio Lower Upper

91 100

92 53.9 43.6 65.4

134 23.6 17.7 26.5





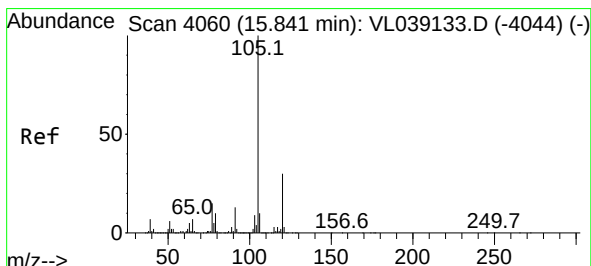
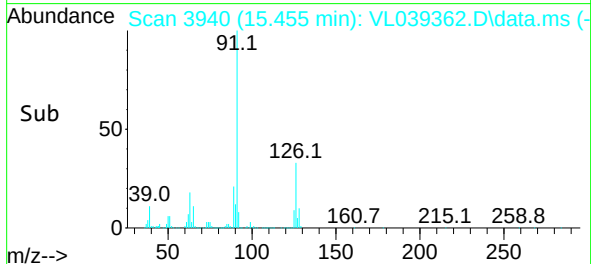
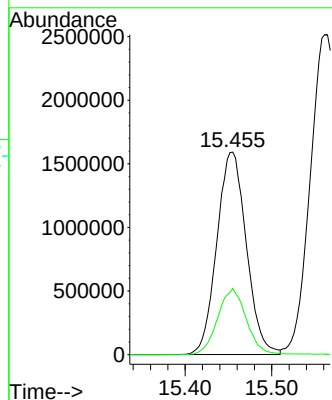
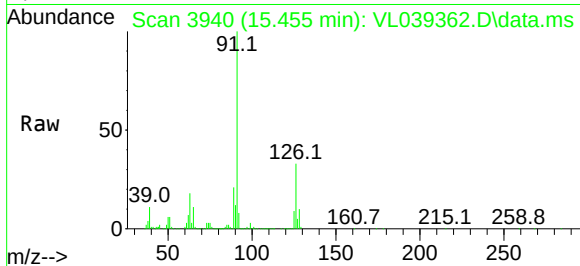
#71
2-Chlorotoluene
Concen: 9.431 ppbv
RT: 15.455 min Scan# 3939
Delta R.T. 0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01

Tgt Ion: 91 Resp: 3767040
Ion Ratio Lower Upper
91 100
126 32.2 12.2 48.6

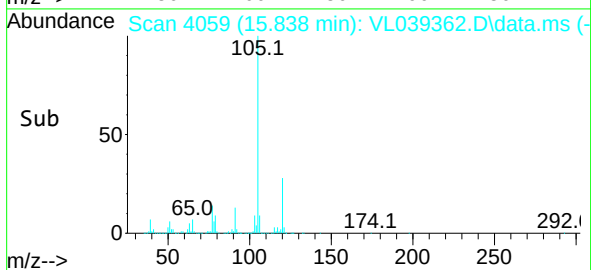
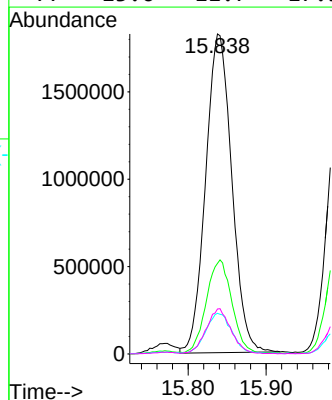
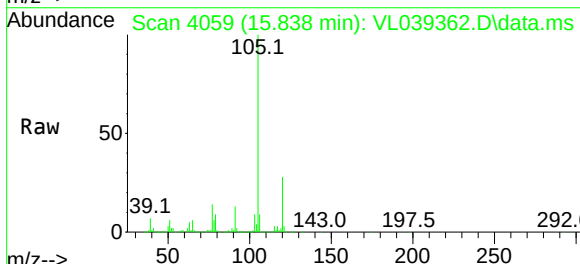
Manual Integrations
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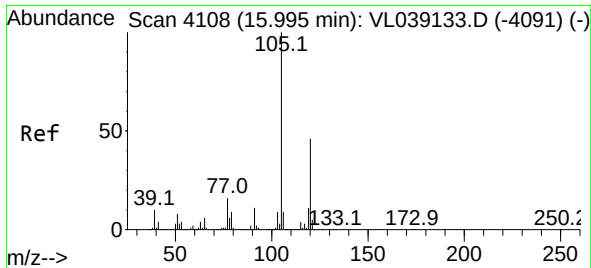
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022



#72
4-Ethyltoluene
Concen: 10.291 ppbv
RT: 15.838 min Scan# 4059
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

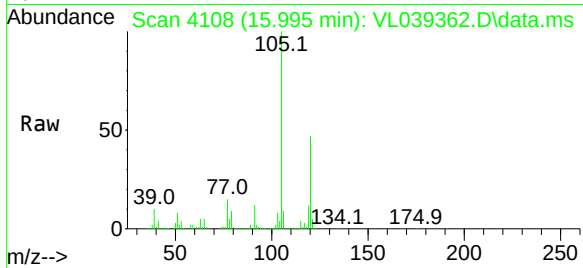
Tgt Ion:105 Resp: 4250725
Ion Ratio Lower Upper
105 100
120 29.3 23.9 35.9
91 12.7 10.6 16.0
77 13.6 11.7 17.5





#73
 1,3,5-Trimethylbenzene
 Concen: 10.328 ppbv
 RT: 15.995 min Scan# 4108
 Delta R.T. -0.000 min
 Lab File: VL039362.D
 Acq: 27 Jun 2022 15:56

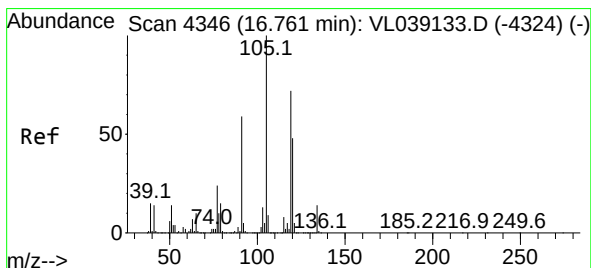
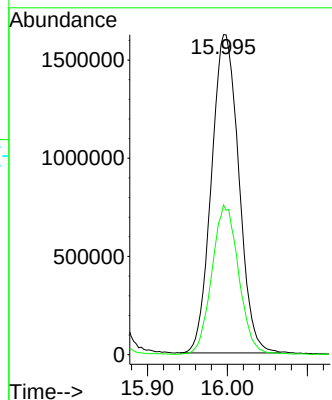
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0627ABS01



Tgt Ion:105 Resp: 384758
 Ion Ratio Lower Upper
 105 100
 120 46.8 36.7 55.1

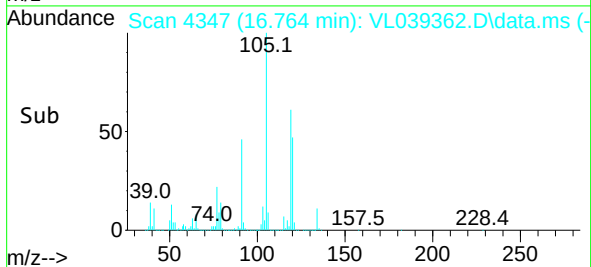
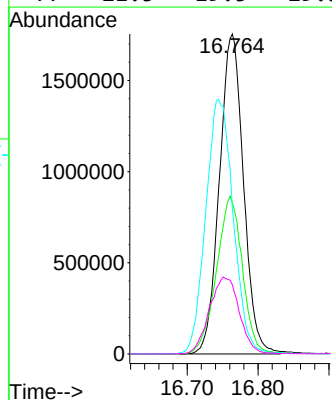
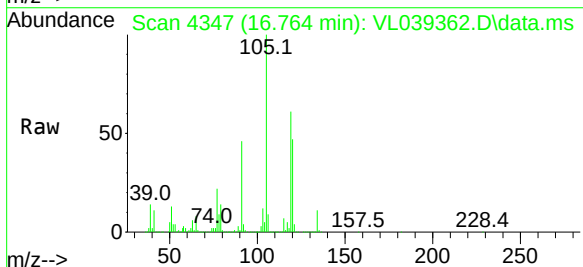
Manual Integrations
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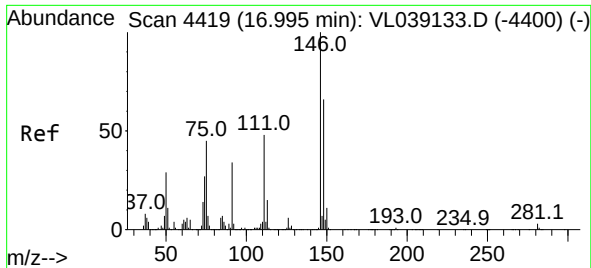
Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 9.967 ppbv
 RT: 16.764 min Scan# 4347
 Delta R.T. 0.003 min
 Lab File: VL039362.D
 Acq: 27 Jun 2022 15:56

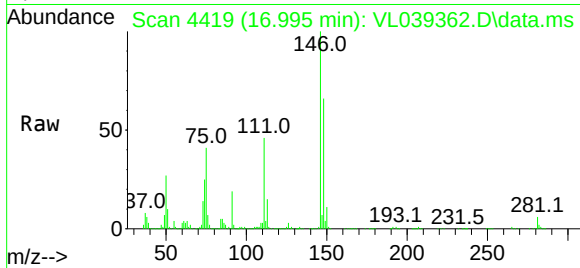
Tgt Ion:105 Resp: 4143711
 Ion Ratio Lower Upper
 105 100
 120 47.2 38.1 57.1
 91 45.5 47.4 71.0#
 77 21.5 19.5 29.3





#75
1,3-Dichlorobenzene
Concen: 10.087 ppbv
RT: 16.995 min Scan# 4419
Delta R.T. -0.000 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

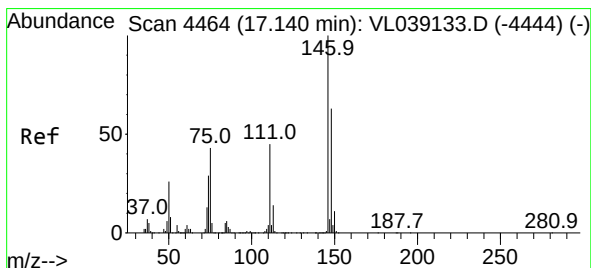
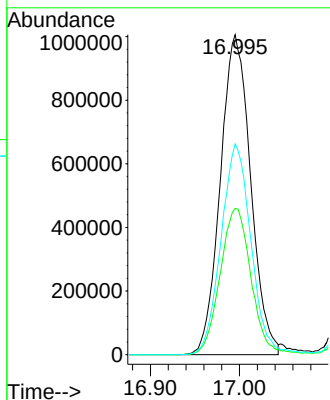
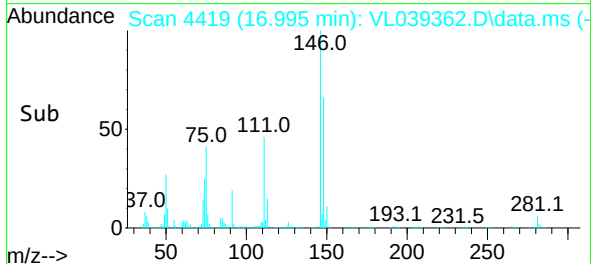
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01



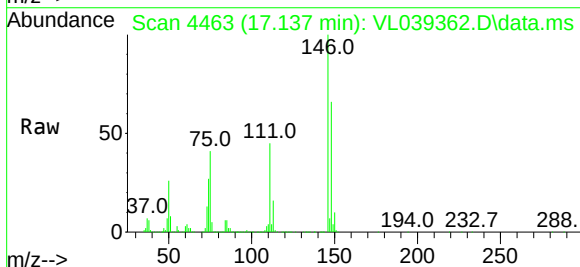
Tgt Ion:146 Resp: 237358
Ion Ratio Lower Upper
146 100
111 46.7 23.8 71.4
148 65.4 32.4 97.0

Manual Integrations
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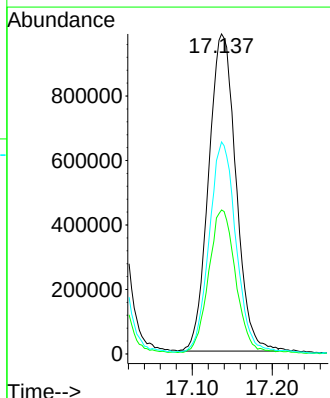
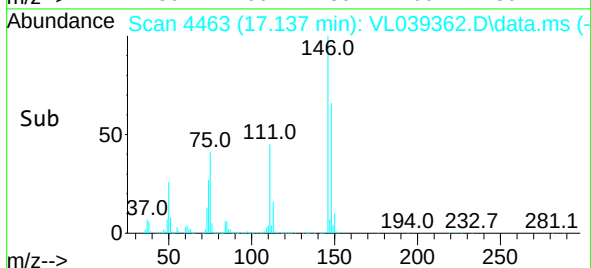
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

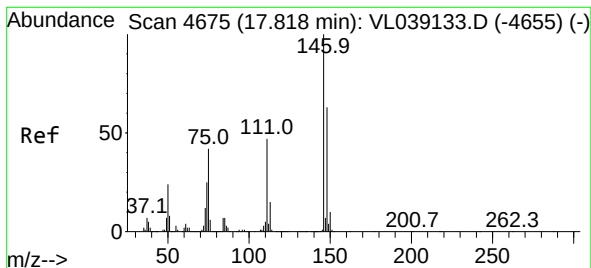


#76
1,4-Dichlorobenzene
Concen: 9.955 ppbv
RT: 17.137 min Scan# 4463
Delta R.T. -0.003 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56



Tgt Ion:146 Resp: 2337135
Ion Ratio Lower Upper
146 100
111 45.8 23.6 71.0
148 66.6 33.7 101.0





#77

1,2-Dichlorobenzene

Concen: 9.876 ppbv

RT: 17.818 min Scan# 40

Delta R.T. -0.000 min

Lab File: VL039362.D

Acq: 27 Jun 2022 15:56

Instrument :

MSVOA_L

ClientSampleId :

VL0627ABS01

Tgt Ion:146 Resp: 234221

Ion Ratio Lower Upper

146 100

111 48.0 24.4 73.4

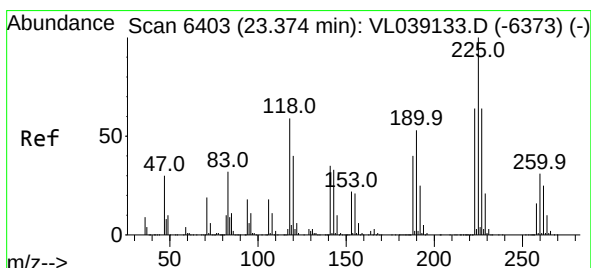
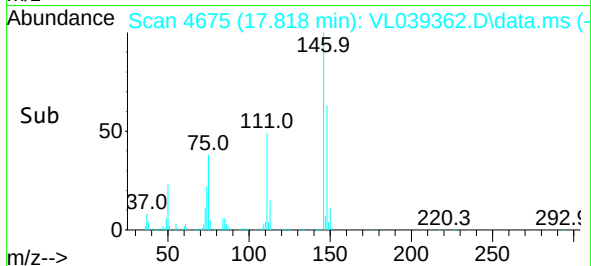
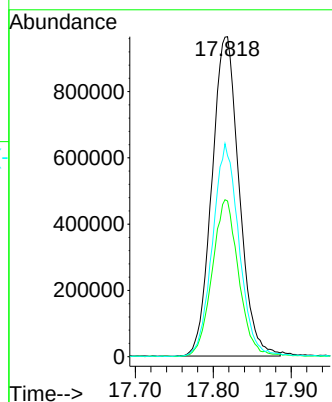
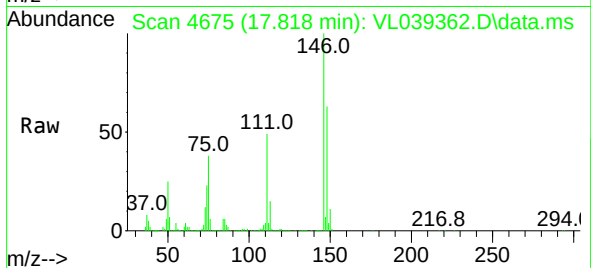
148 65.1 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022

Supervised By :Mahesh Dadoda 06/30/2022



#78

Hexachloro-1,3-Butadiene

Concen: 8.064 ppbv

RT: 23.371 min Scan# 6402

Delta R.T. -0.003 min

Lab File: VL039362.D

Acq: 27 Jun 2022 15:56

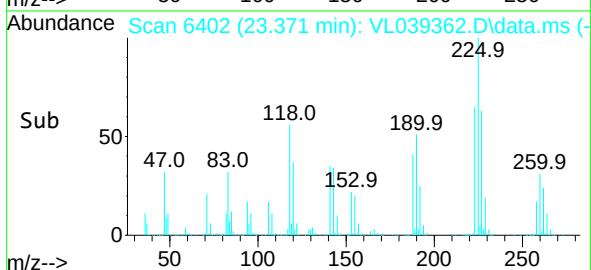
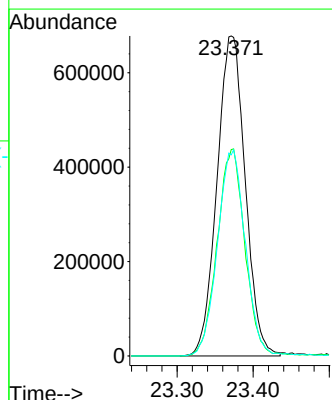
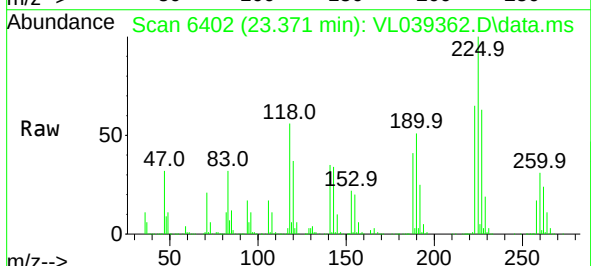
Tgt Ion:225 Resp: 1748777

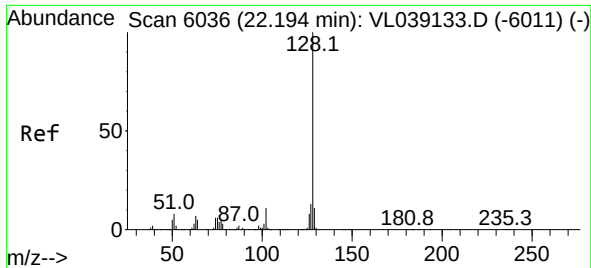
Ion Ratio Lower Upper

225 100

223 63.7 51.4 77.0

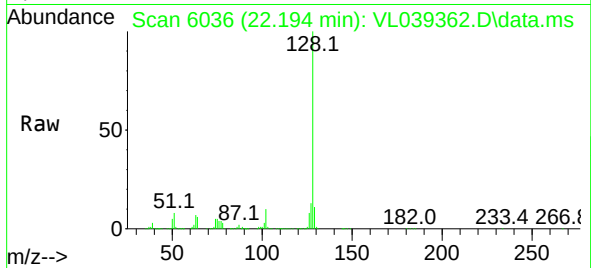
227 63.9 50.6 75.8





#79
Naphthalene
Concen: 10.751 ppbv
RT: 22.194 min Scan# 6036
Delta R.T. -0.000 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56

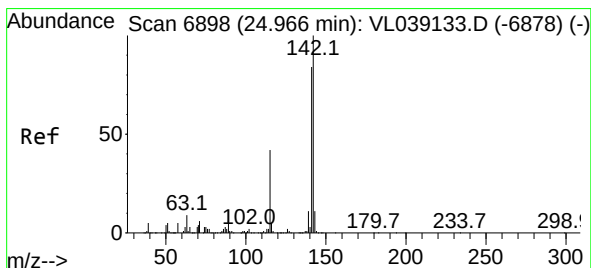
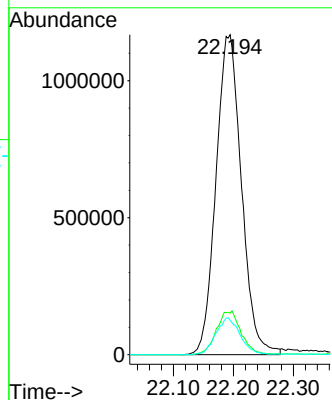
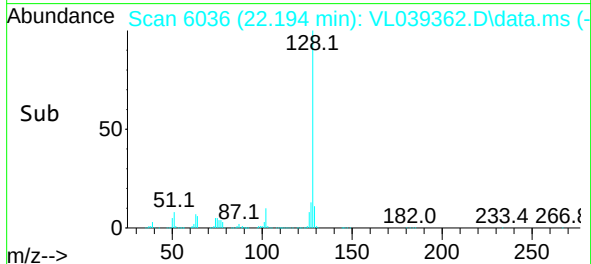
Instrument :
MSVOA_L
ClientSampleId :
VL0627ABS01



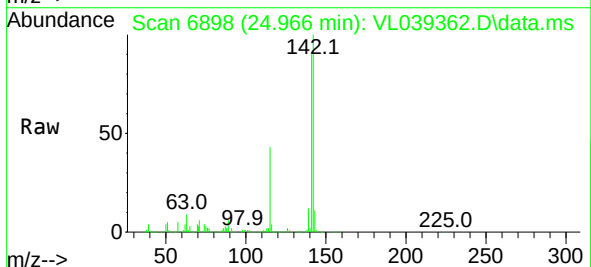
Tgt Ion:128 Resp: 3440649
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.8 9.0 13.6

Manual Integrations
APPROVED

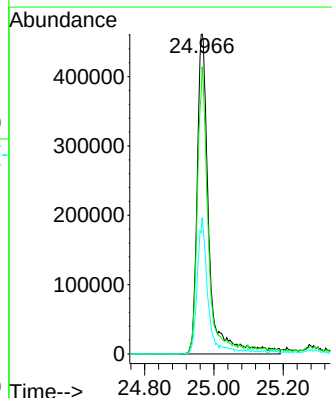
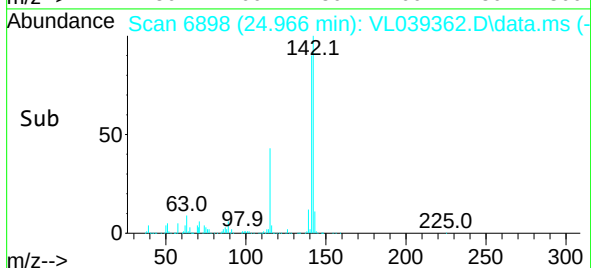
Reviewed By :Semsettin Yesilyurt 06/29/2022
Supervised By :Mahesh Dadoda 06/30/2022

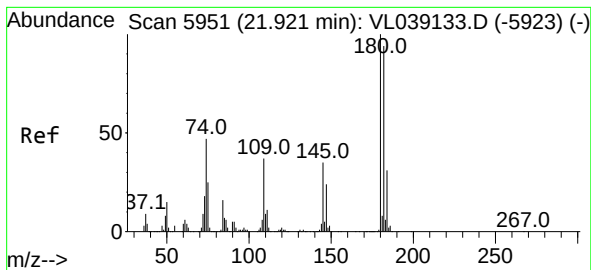


#80
Naphthalene,2-methyl-
Concen: 9.220 ppbv
RT: 24.966 min Scan# 6898
Delta R.T. -0.000 min
Lab File: VL039362.D
Acq: 27 Jun 2022 15:56



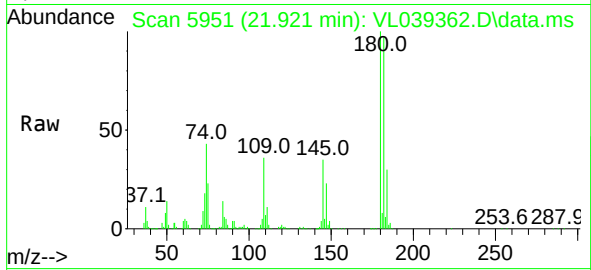
Tgt Ion:142 Resp: 1096305
Ion Ratio Lower Upper
142 100
141 83.5 64.6 96.8
115 38.9 32.7 49.1





#81
 1,2,4-Trichlorobenzene
 Concen: 9.775 ppbv
 RT: 21.921 min Scan# 5951
 Delta R.T. -0.000 min
 Lab File: VL039362.D
 Acq: 27 Jun 2022 15:56

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0627ABS01



Tgt Ion:180 Resp: 1981819
 Ion Ratio Lower Upper
 180 100
 182 98.2 0.0 0.0
 184 31.1 0.0 0.0

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 06/29/2022
 Supervised By :Mahesh Dadoda 06/30/2022

