

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL060122\
 Data File : VL039142.D
 Acq On : 1 Jun 2022 9:34
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

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

Quant Time: Jun 02 00:37:06 2022

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

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

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

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.665	49	1313638	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.173	114	3154509	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.082	117	2838624m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.410 95 2574650 10.971 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 109.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.054	85	1826837	7.918	ppbv	99
3) Chlorodifluoromethane	2.993	51	1502459	8.989	ppbv	99
4) Chloromethane	3.144	50	792355	9.229	ppbv	99
5) Vinyl Chloride	3.260	62	772192	9.621	ppbv	96
6) Bromomethane	3.478	94	370122	9.374	ppbv	94
7) Chloroethane	3.562	64	262932	9.402	ppbv	98
8) Dichlorotetrafluoroethane	3.192	85	1931338	9.159	ppbv	99
9) Propene	3.015	41	619252	8.497	ppbv	100
10) Heptane	8.121	43	1572943	9.252	ppbv	100
11) Trichlorofluoromethane	3.954	101	1944102	9.308	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.488	101	1356162	9.819	ppbv	100
13) Ethanol	3.604	45	32813	8.256	ppbv #	100
14) Bromoethene	3.742	108	595037	9.583	ppbv	98
15) Acetone	3.851	43	1274766	9.316	ppbv	100
16) 1,3-Butadiene	3.330	39	703805	9.568	ppbv	98
17) tert-Butyl alcohol	4.285	59	1001565	9.436	ppbv	98
18) 1,1-Dichloroethene	4.292	96	619348	9.996	ppbv	93
19) Isopropyl Alcohol	3.960	45	599008	9.333	ppbv #	98
20) Methylene Chloride	4.343	84	487022	8.446	ppbv	99
21) Allyl Chloride	4.414	41	896729	9.714	ppbv	97
22) trans-1,2-Dichloroethene	4.886	96	655277	10.992	ppbv	97
23) Vinyl Acetate	5.070	43	913075	8.065	ppbv	98
24) 1,1-Dichloroethane	5.012	63	1204469	7.765	ppbv	98
25) Ethyl Acetate	5.674	43	2852136	9.248	ppbv	99
26) Hexane	5.687	57	1215670	8.969	ppbv	98
27) Carbon Disulfide	4.552	76	1450123	10.323	ppbv	99
28) Methyl tert-Butyl Ether	5.034	73	1095048	7.319	ppbv	100
29) Chloroform	5.751	83	2095109	9.186	ppbv	100
30) Cyclohexane	7.128	84	1036029	9.099	ppbv	98
31) cis-1,2-Dichloroethene	5.549	61	1293733	9.361	ppbv	99
32) 1,1,1-Trichloroethane	6.513	97	2151690	9.641	ppbv	99
34) 2-Butanone	5.243	43	1715798	10.012	ppbv	100
35) Carbon Tetrachloride	7.018	117	2294171	9.964	ppbv	98
36) Benzene	6.890	78	2450650	9.569	ppbv	99
37) 1,2-Dichloroethane	6.304	62	1718522	10.196	ppbv	100
38) Trichloroethene	7.832	130	1220448	10.375	ppbv	97
39) 1,2-Dichloropropane	7.613	63	977949	9.600	ppbv	96
40) 1,4-Dioxane	7.828	88	352159m	10.501	ppbv	
41) Tetrahydrofuran	6.047	42	983571	9.542	ppbv	99
42) Bromodichloromethane	7.790	83	2354062	10.064	ppbv	99
43) Methyl Methacrylate	8.012	69	1015943	10.184	ppbv	99
44) 2,2,4-Trimethylpentane	7.867	57	4245860	9.477	ppbv	99
45) t-1,3-Dichloropropene	9.275	75	1159662	11.162	ppbv	99

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Reviewed By : Semsettin Yesilyurt 06/06/2022
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Quant Time: Jun 02 00:37:06 2022

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

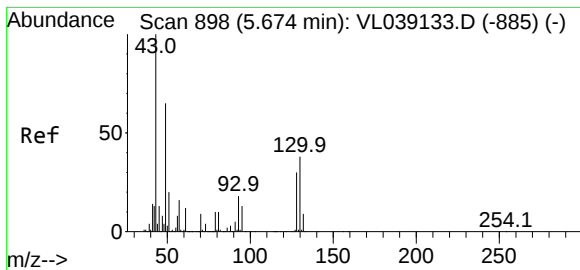
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 01 17:57:56 2022

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

Response via : Initial Calibration

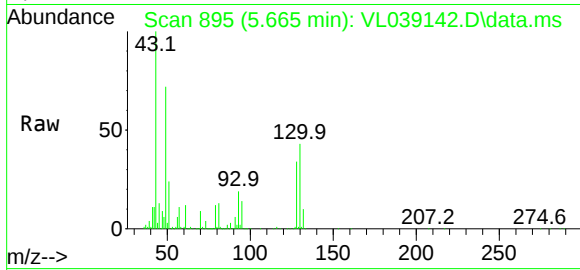
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.700	75	1451562	10.576	ppbv	96
47) 1,1,2-Trichloroethane	9.475	97	1016829	9.568	ppbv	99
48) Dibromochloromethane	10.301	129	1930388	10.173	ppbv	99
49) Bromoform	13.034	173	1602592	10.134	ppbv	99
50) 4-Methyl-2-Pentanone	8.735	43	2575699	10.040	ppbv	99
51) 2-Hexanone	10.127	43	2036612	10.203	ppbv #	98
52) Tetrachloroethene	11.217	164	936309	9.364	ppbv	96
53) Toluene	9.803	91	2881603	9.772	ppbv	100
54) 1,2-Dibromoethane	10.606	107	1467257	10.274	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.121	131	1324684	9.862	ppbv	97
57) Chlorobenzene	12.143	112	2115424	9.904	ppbv	97
58) Ethyl Benzene	12.706	91	3951452	10.106	ppbv	99
59) m/p-Xylene	12.989	91	6840999m	19.868	ppbv	
60) o-Xylene	13.687	91	3264983	10.091	ppbv	99
61) Styrene	13.520	104	1852733	10.693	ppbv	99
62) Isopropylbenzene	14.661	105	4725815	9.827	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.671	83	1729755	9.525	ppbv	100
64) n-propylbenzene	15.555	120	1231134	10.414	ppbv	99
65) tert-Butylbenzene	16.738	119	4330423	9.848	ppbv	98
66) Benzyl Chloride	16.979	91	714995	12.505	ppbv	97
67) sec-Butylbenzene	17.285	105	6018237	10.030	ppbv	100
69) p-Isopropyltoluene	17.645	119	5090089	10.055	ppbv	100
70) n-Butylbenzene	18.539	91	5370284	10.336	ppbv	100
71) 2-Chlorotoluene	15.445	91	3657514	9.974	ppbv	100
72) 4-Ethyltoluene	15.831	105	3930092	10.364	ppbv	98
73) 1,3,5-Trimethylbenzene	15.989	105	3547109	10.371	ppbv	97
74) 1,2,4-Trimethylbenzene	16.754	105	3864170	10.124	ppbv	97
75) 1,3-Dichlorobenzene	16.986	146	2220793	10.280	ppbv	100
76) 1,4-Dichlorobenzene	17.127	146	2145061	9.952	ppbv	99
77) 1,2-Dichlorobenzene	17.806	146	2165941	9.948	ppbv	100
78) Hexachloro-1,3-Butadiene	23.368	225	1871414	9.399	ppbv	99
79) Naphthalene	22.185	128	3467395	11.801	ppbv	100
80) Naphthalene,2-methyl-	24.960	142	1228805	11.257	ppbv	91
81) 1,2,4-Trichlorobenzene	21.915	180	1961613	10.538	ppbv #	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.665 min Scan# 89
Delta R.T. -0.010 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

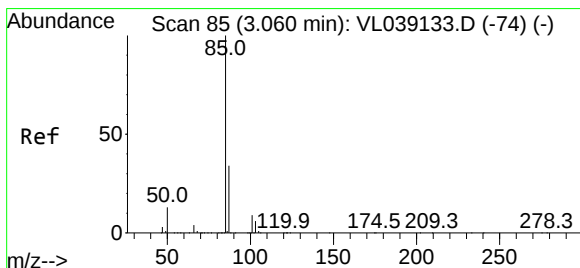
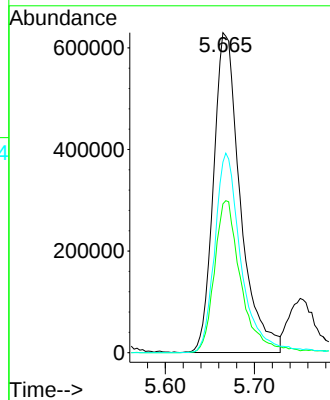
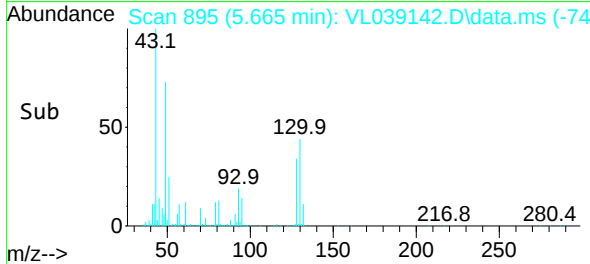
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



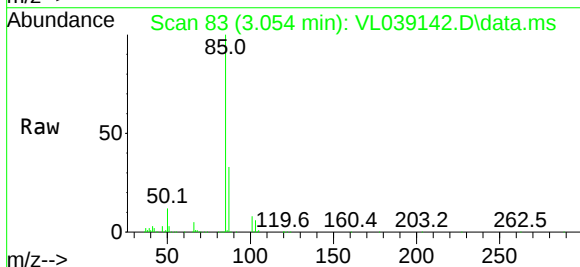
Tgt Ion: 49 Resp: 1313638
Ion Ratio Lower Upper
49 100
128 48.1 24.7 74.1
130 62.6 31.4 94.0

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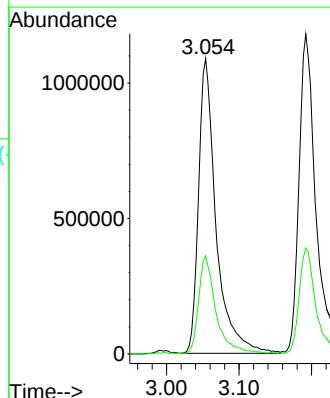
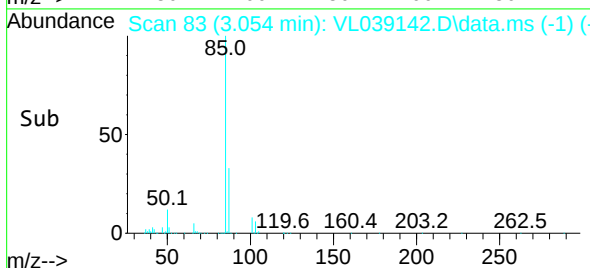
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

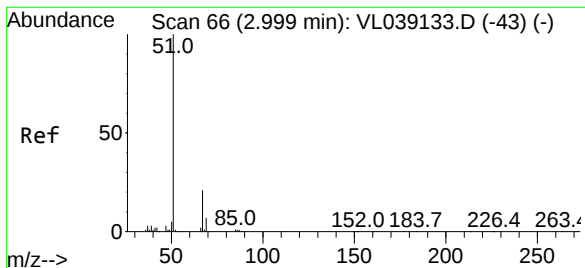


#2
Dichlorodifluoromethane
Concen: 7.918 ppbv
RT: 3.054 min Scan# 83
Delta R.T. -0.006 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34



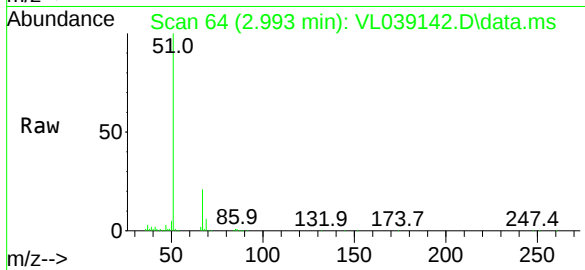
Tgt Ion: 85 Resp: 1826837
Ion Ratio Lower Upper
85 100
87 33.1 26.9 40.3





#3
Chlorodifluoromethane
Concen: 8.989 ppbv
RT: 2.993 min Scan# 64
Delta R.T. -0.006 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

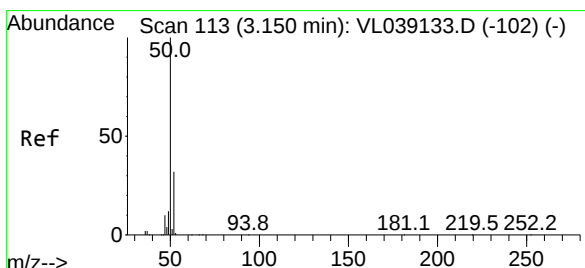
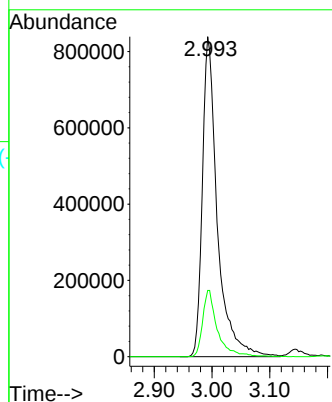
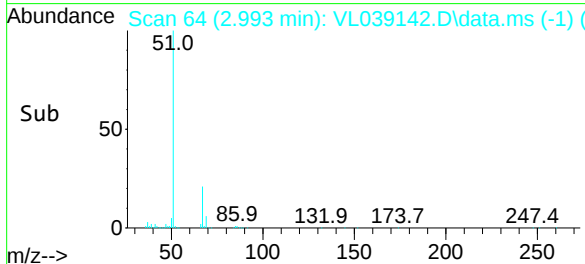
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 51 Resp: 150245
Ion Ratio Lower Upper
51 100
67 20.5 16.2 24.4

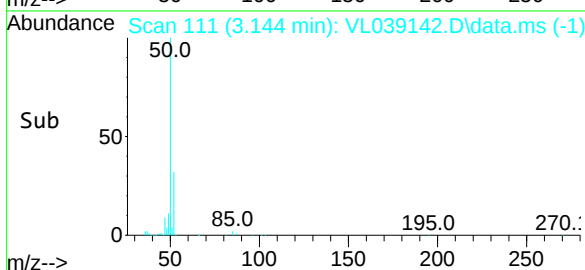
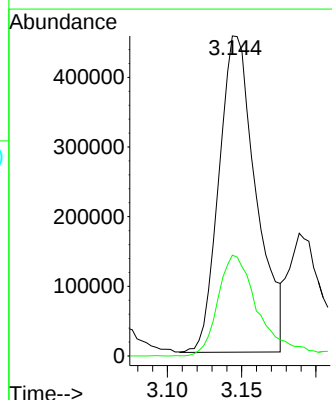
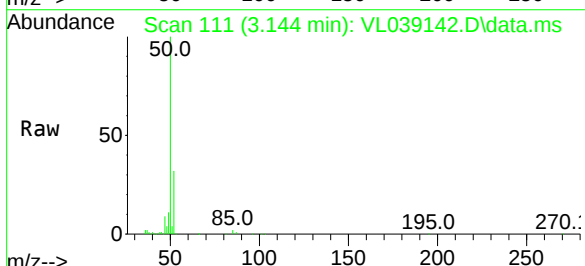
Manual Integrations
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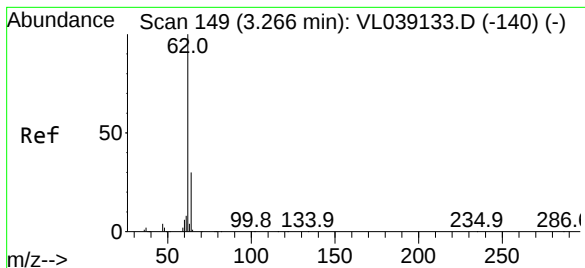
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022



#4
Chloromethane
Concen: 9.229 ppbv
RT: 3.144 min Scan# 111
Delta R.T. -0.006 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

Tgt Ion: 50 Resp: 792355
Ion Ratio Lower Upper
50 100
52 31.9 25.9 38.9





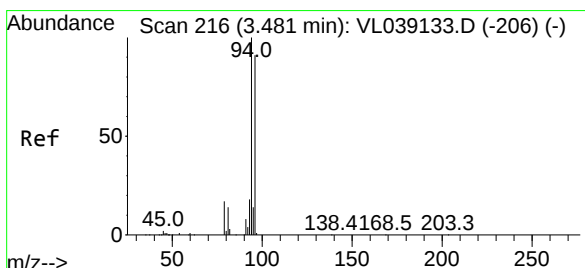
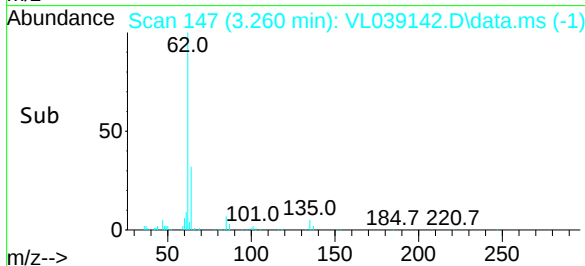
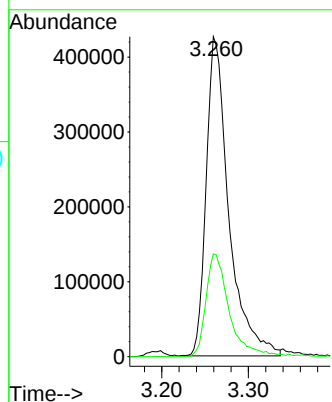
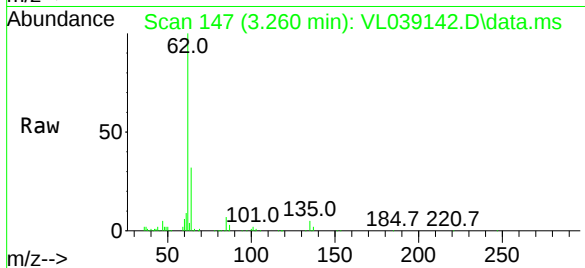
#5
 Vinyl Chloride
 Concen: 9.621 ppbv
 RT: 3.260 min Scan# 149
 Delta R.T. -0.006 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 9:34

Instrument : MSVOA_L
 ClientSampleId : VSTDCCC010

Tgt Ion: 62 Resp: 772192
 Ion Ratio Lower Upper
 62 100
 64 32.2 24.2 36.2

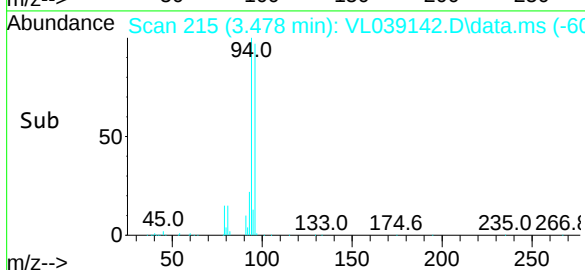
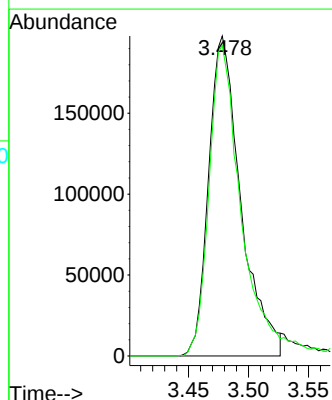
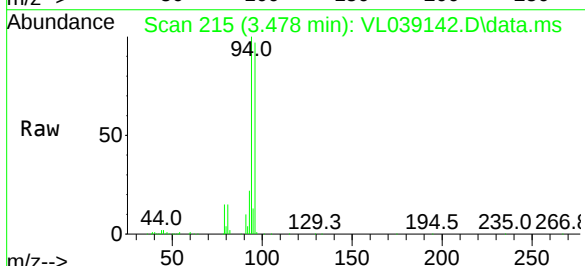
Manual Integrations
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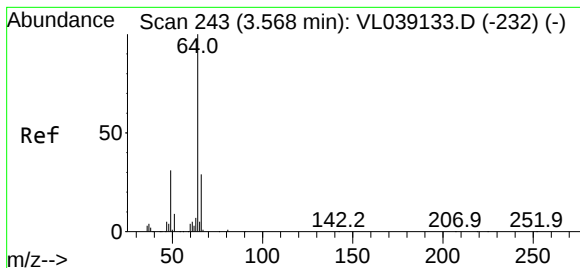
Reviewed By :Semsettin Yesilyurt 06/06/2022
 Supervised By :Mahesh Dadoda 06/06/2022



#6
 Bromomethane
 Concen: 9.374 ppbv
 RT: 3.478 min Scan# 215
 Delta R.T. -0.003 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 9:34

Tgt Ion: 94 Resp: 370122
 Ion Ratio Lower Upper
 94 100
 96 96.8 73.0 109.4





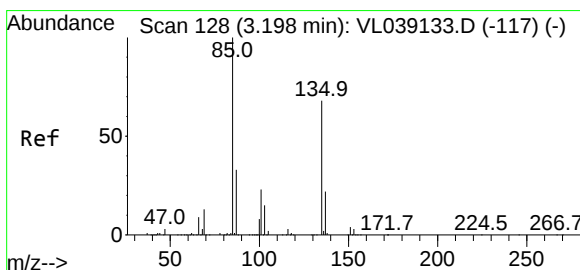
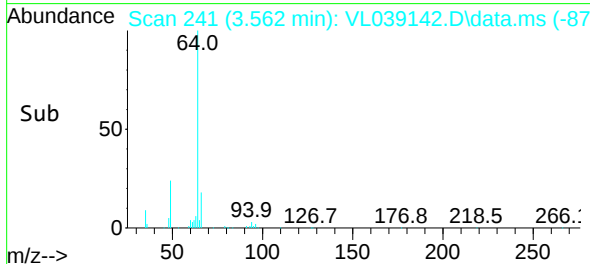
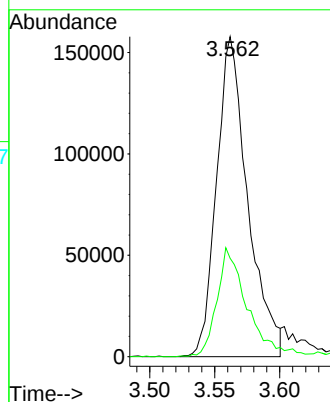
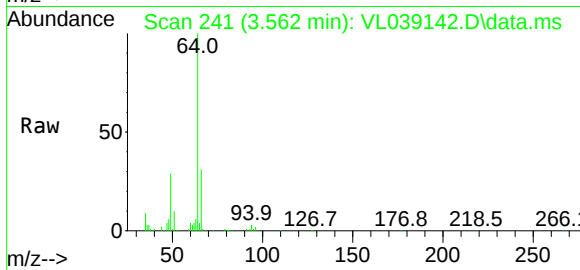
#7
Chloroethane
Concen: 9.402 ppbv
RT: 3.562 min Scan# 243
Delta R.T. -0.006 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 262933
Ion Ratio Lower Upper
64 100
66 30.8 23.6 35.4

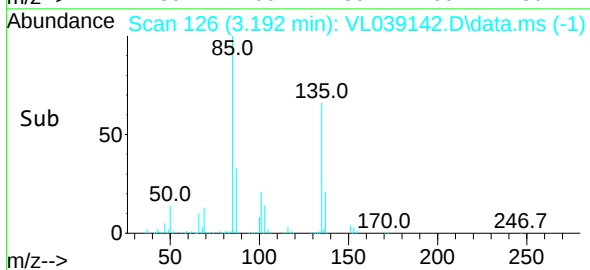
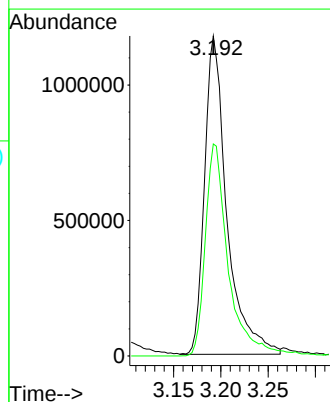
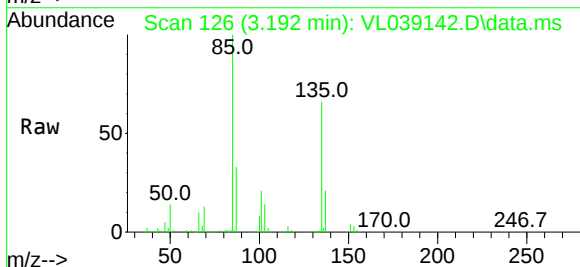
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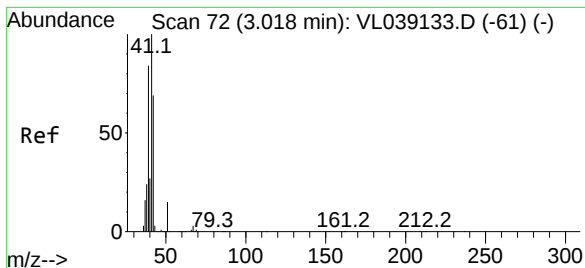
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022



#8
Dichlorotetrafluoroethane
Concen: 9.159 ppbv
RT: 3.192 min Scan# 126
Delta R.T. -0.006 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

Tgt Ion: 85 Resp: 1931338
Ion Ratio Lower Upper
85 100
135 69.5 55.0 82.4





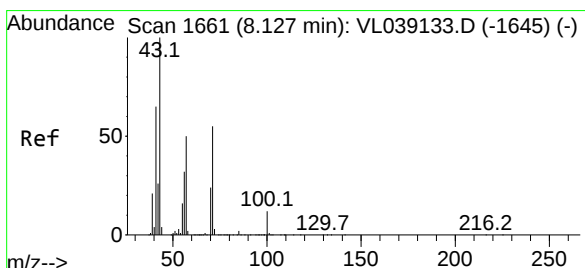
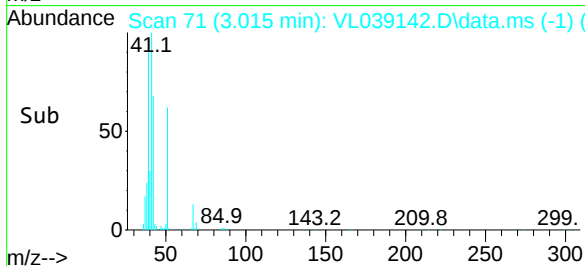
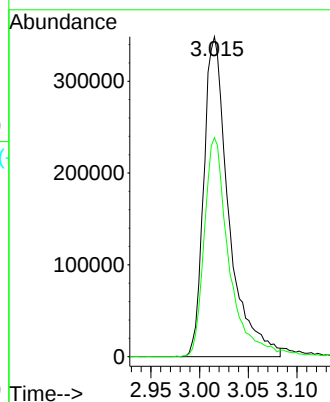
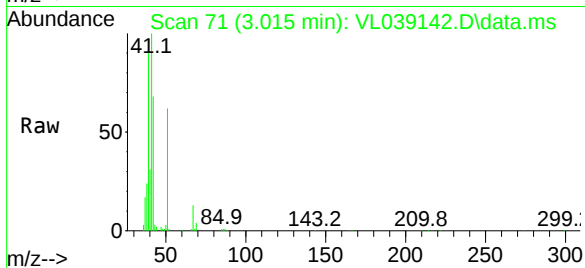
#9
 Propene
 Concen: 8.497 ppbv
 RT: 3.015 min Scan# 71
 Delta R.T. -0.003 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 9:34

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 61925
 Ion Ratio Lower Upper
 41 100
 42 69.0 55.4 83.2

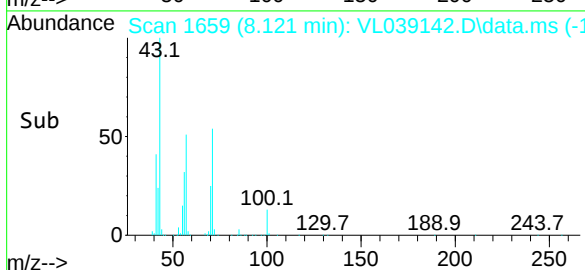
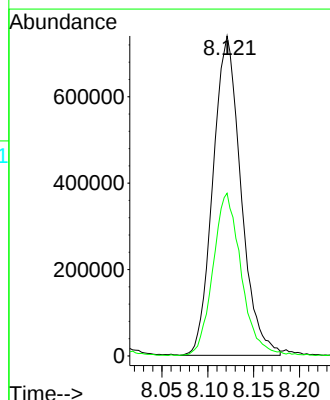
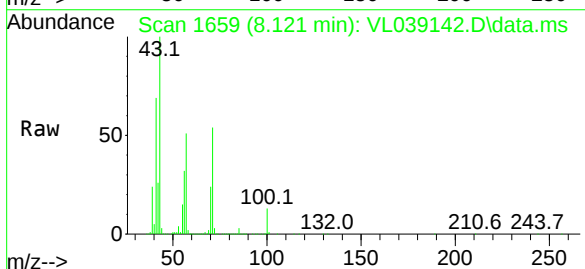
Manual Integrations
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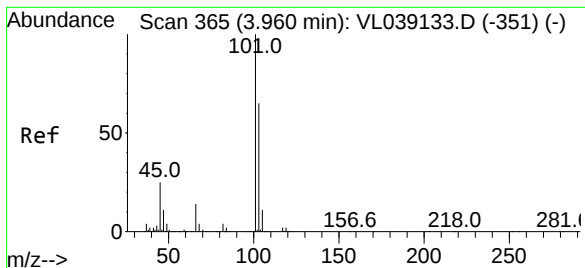
Reviewed By :Semsettin Yesilyurt 06/06/2022
 Supervised By :Mahesh Dadoda 06/06/2022



#10
 Heptane
 Concen: 9.252 ppbv
 RT: 8.121 min Scan# 1659
 Delta R.T. -0.006 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 9:34

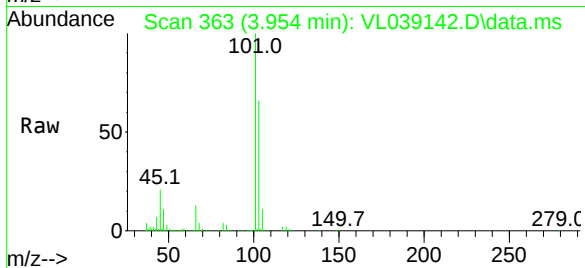
Tgt Ion: 43 Resp: 1572943
 Ion Ratio Lower Upper
 43 100
 57 51.6 41.4 62.2





#11
 Trichlorofluoromethane
 Concen: 9.308 ppbv
 RT: 3.954 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 9:34

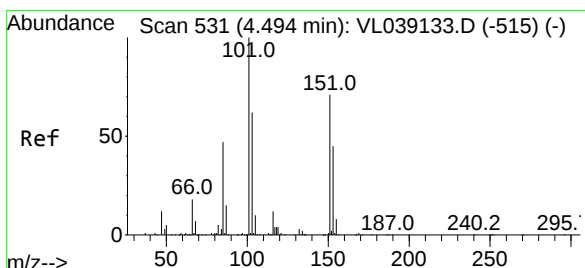
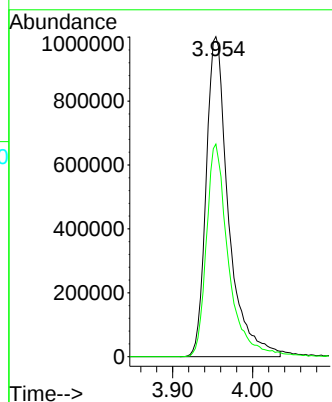
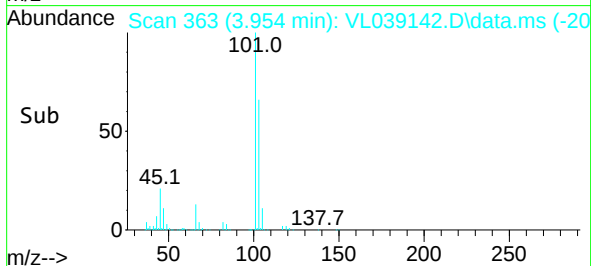
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



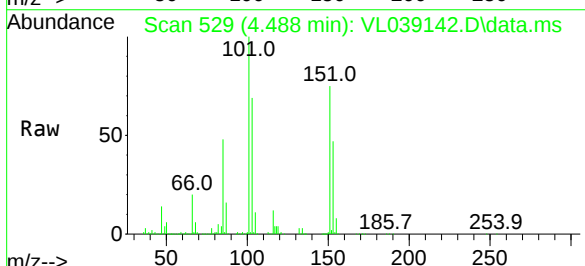
Tgt Ion:101 Resp: 194410
 Ion Ratio Lower Upper
 101 100
 103 66.5 51.7 77.5

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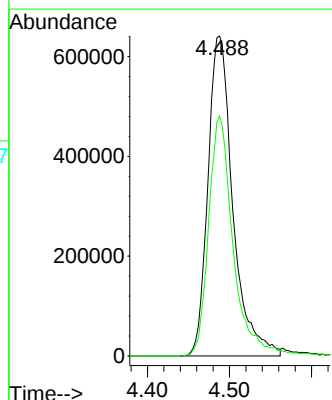
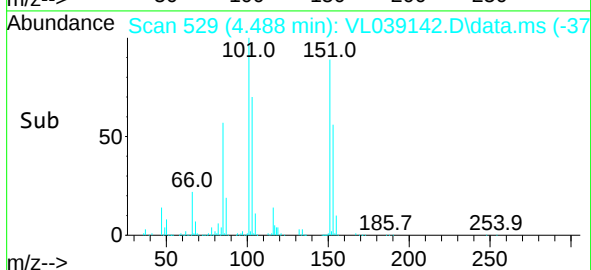
Reviewed By :Semsettin Yesilyurt 06/06/2022
 Supervised By :Mahesh Dadoda 06/06/2022

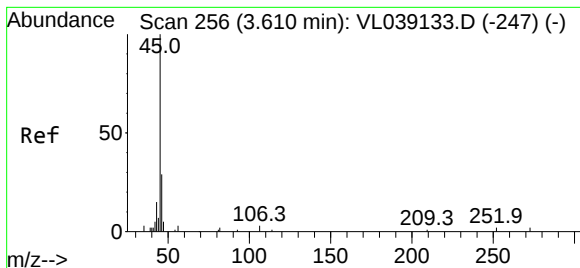


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.819 ppbv
 RT: 4.488 min Scan# 529
 Delta R.T. -0.006 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 9:34



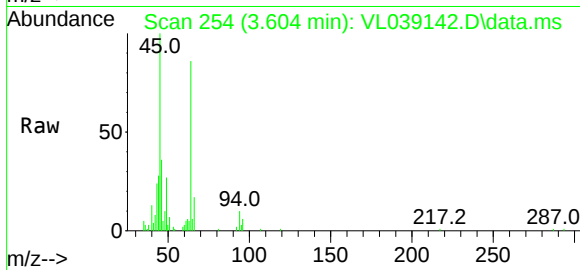
Tgt Ion:101 Resp: 1356162
 Ion Ratio Lower Upper
 101 100
 151 74.2 59.4 89.0





#13
Ethanol
Concen: 8.256 ppbv
RT: 3.604 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

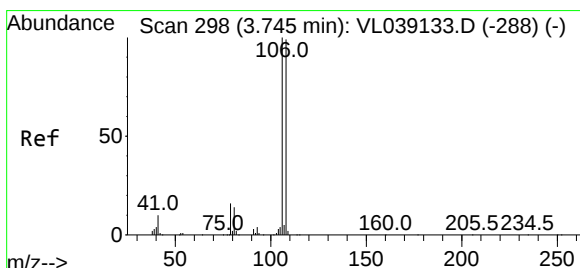
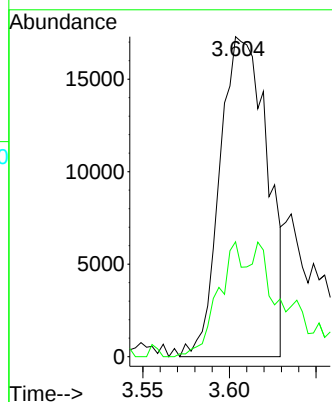
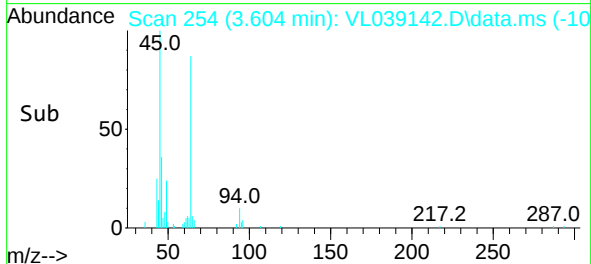
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



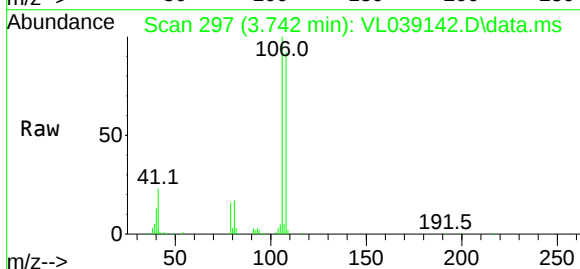
Tgt Ion: 45 Resp: 3281
Ion Ratio Lower Upper
45 100
46 49.7 0.0 0.0

Manual Integrations
APPROVED

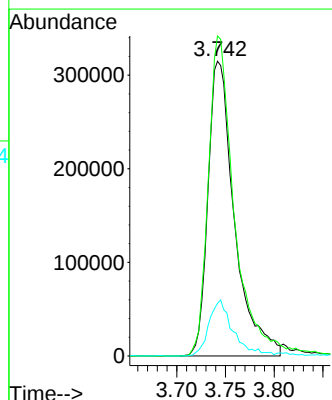
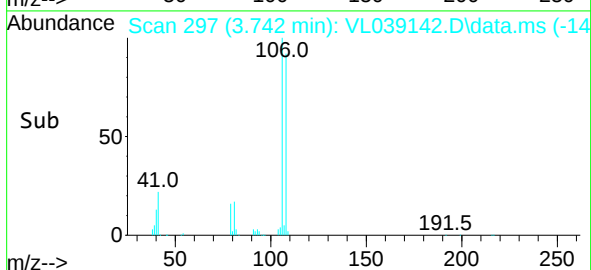
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

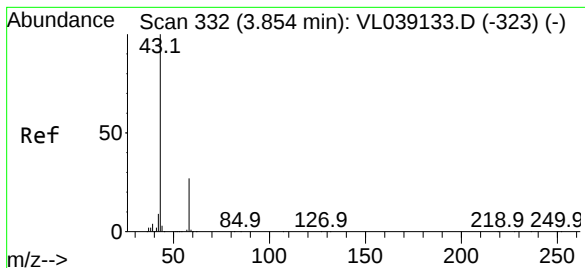


#14
Bromoethene
Concen: 9.583 ppbv
RT: 3.742 min Scan# 297
Delta R.T. -0.003 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34



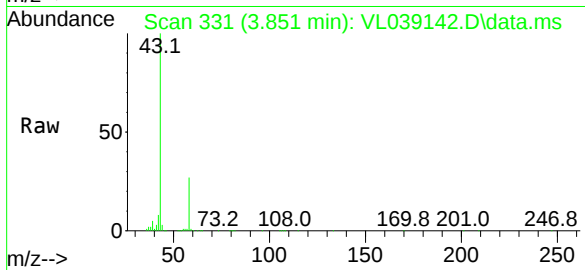
Tgt Ion:108 Resp: 595037
Ion Ratio Lower Upper
108 100
106 109.0 88.4 132.6
79 18.6 13.4 20.2





#15
Acetone
Concen: 9.316 ppbv
RT: 3.851 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

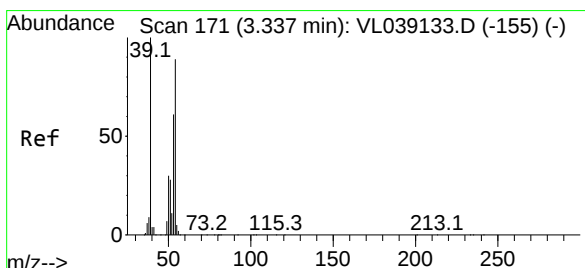
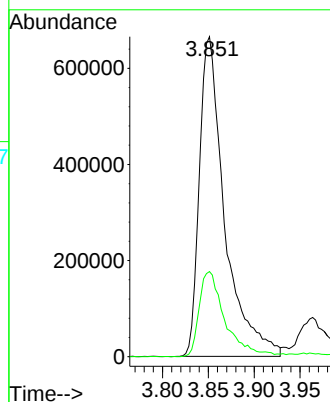
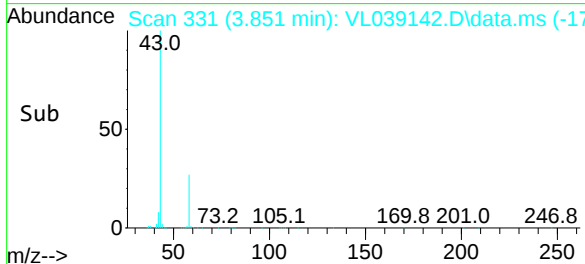
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



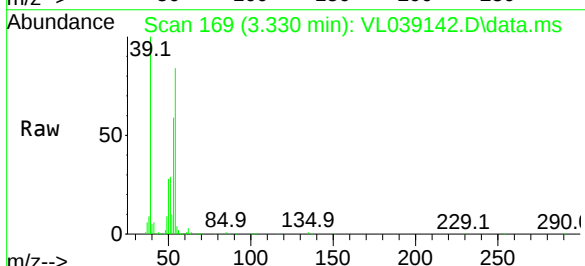
Tgt Ion: 43 Resp: 127476
Ion Ratio Lower Upper
43 100
58 27.8 22.5 33.7

Manual Integrations
APPROVED

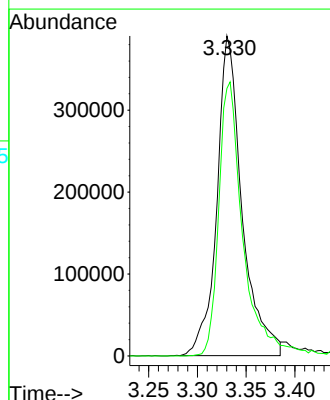
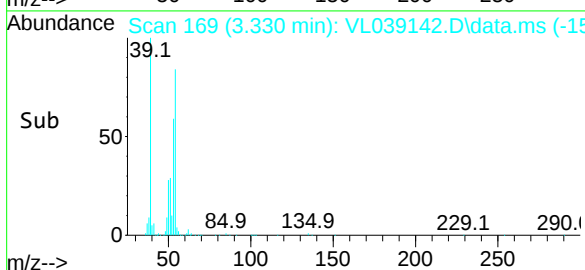
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

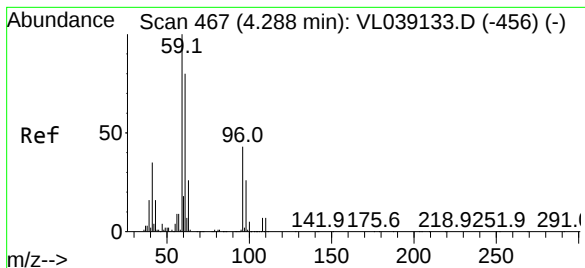


#16
1,3-Butadiene
Concen: 9.568 ppbv
RT: 3.330 min Scan# 169
Delta R.T. -0.006 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34



Tgt Ion: 39 Resp: 703805
Ion Ratio Lower Upper
39 100
54 83.8 65.8 98.6





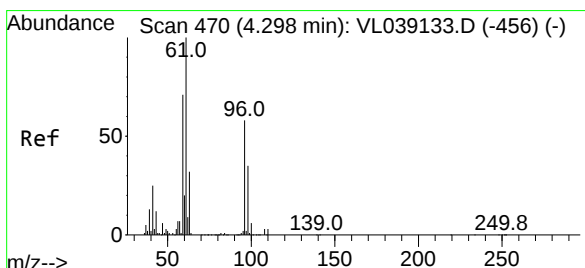
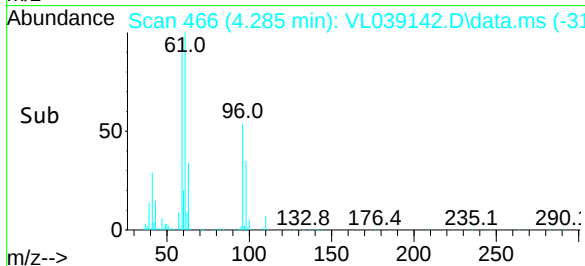
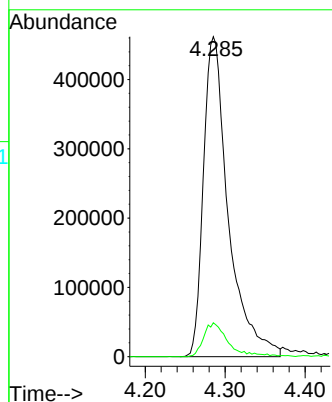
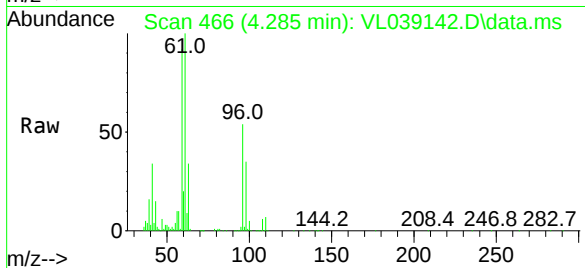
#17
tert-Butyl alcohol
Concen: 9.436 ppbv
RT: 4.285 min Scan# 40
Delta R.T. -0.003 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 100156
Ion Ratio Lower Upper
59 100
57 10.5 9.1 13.7

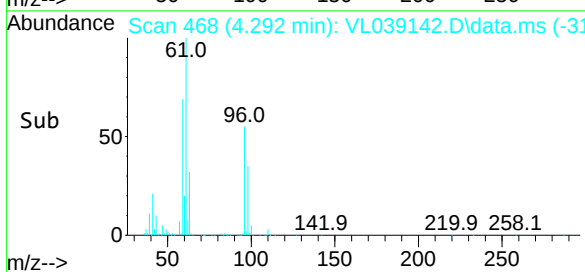
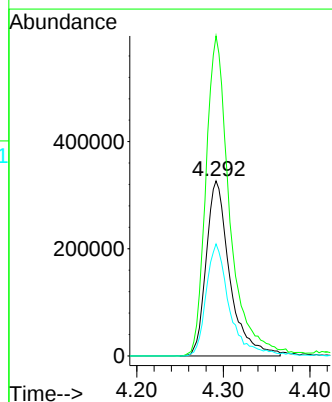
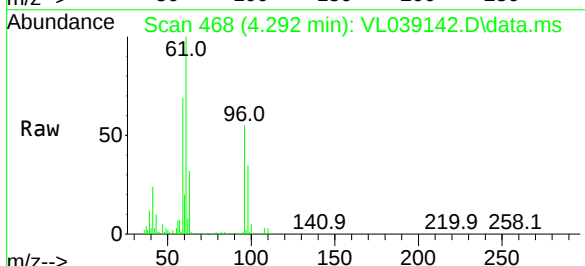
Manual Integrations
APPROVED

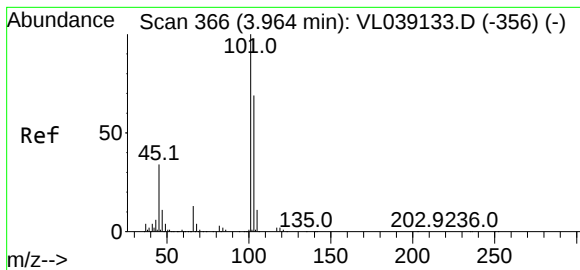
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022



#18
1,1-Dichloroethene
Concen: 9.996 ppbv
RT: 4.292 min Scan# 468
Delta R.T. -0.006 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

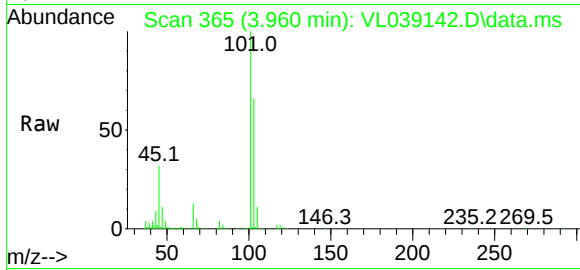
Tgt Ion: 96 Resp: 619348
Ion Ratio Lower Upper
96 100
61 182.8 138.4 207.6
98 64.0 47.8 71.8





#19
Isopropyl Alcohol
Concen: 9.333 ppbv
RT: 3.960 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

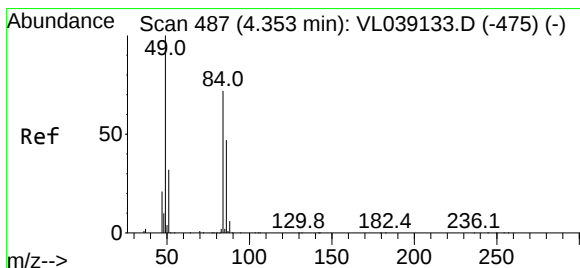
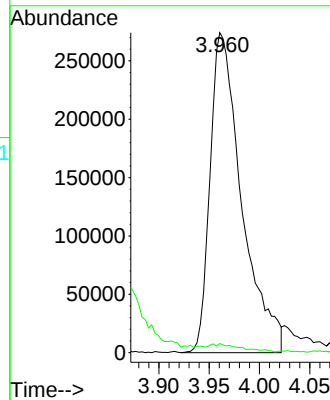
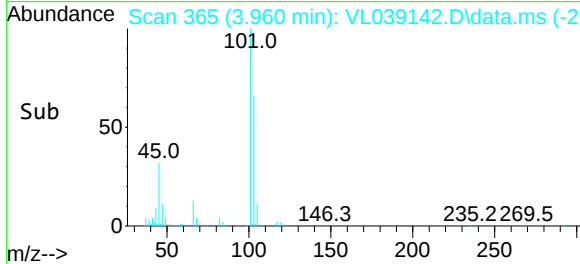
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



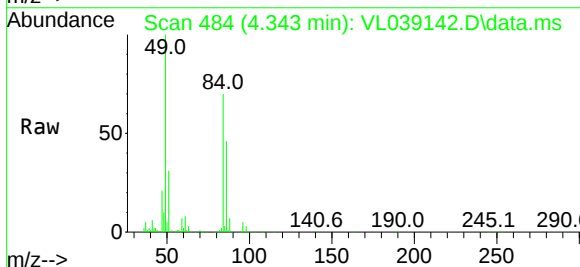
Tgt Ion: 45 Resp: 599008
Ion Ratio Lower Upper
45 100
58 3.1 1.8 2.8

Manual Integrations
APPROVED

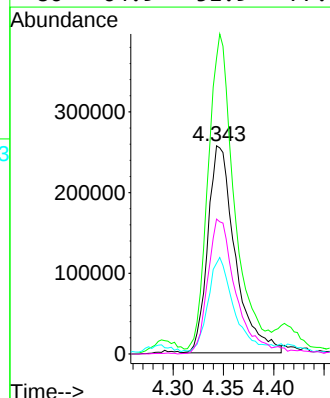
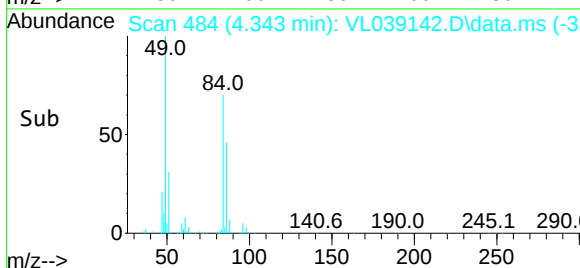
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

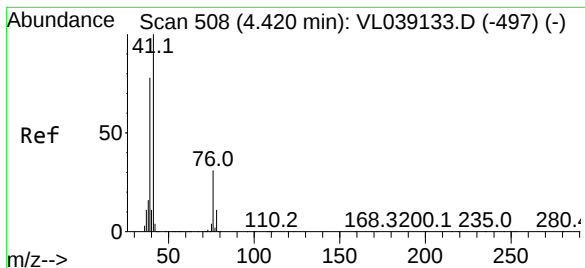


#20
Methylene Chloride
Concen: 8.446 ppbv
RT: 4.343 min Scan# 484
Delta R.T. -0.010 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34



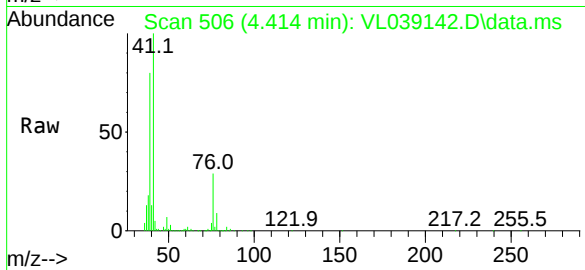
Tgt Ion: 84 Resp: 487022
Ion Ratio Lower Upper
84 100
49 139.4 111.1 166.7
51 42.6 35.3 52.9
86 64.9 51.9 77.9





#21
 Allyl Chloride
 Concen: 9.714 ppbv
 RT: 4.414 min Scan# 508
 Delta R.T. -0.006 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 9:34

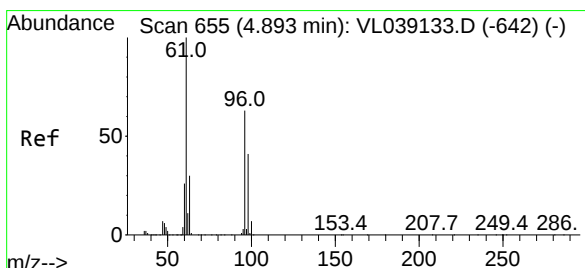
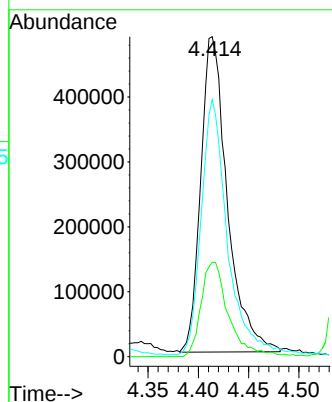
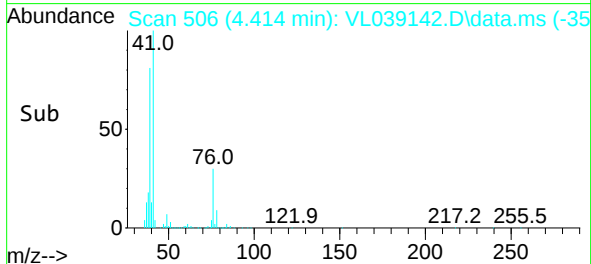
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 896729
 Ion Ratio Lower Upper
 41 100
 76 30.9 24.2 36.2
 39 80.3 62.2 93.2

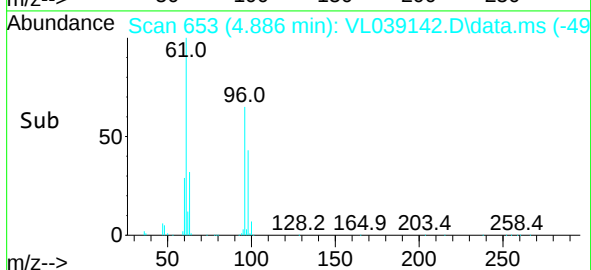
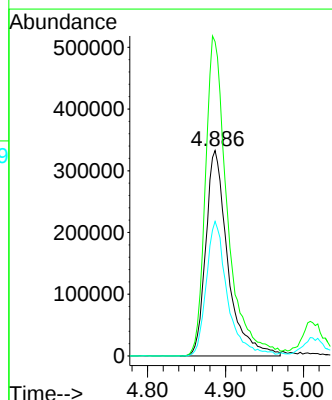
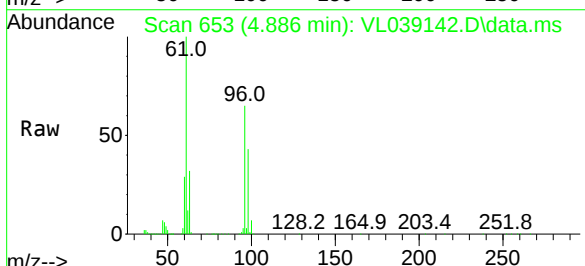
Manual Integrations
 APPROVED

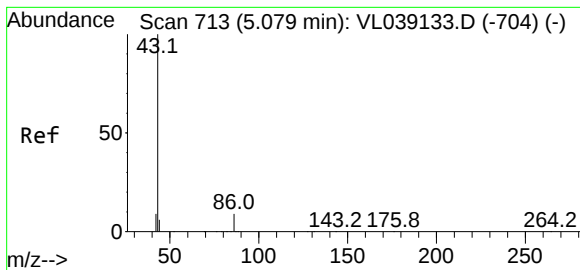
Reviewed By :Semsettin Yesilyurt 06/06/2022
 Supervised By :Mahesh Dadoda 06/06/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.992 ppbv
 RT: 4.886 min Scan# 653
 Delta R.T. -0.006 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 9:34

Tgt Ion: 96 Resp: 655277
 Ion Ratio Lower Upper
 96 100
 61 152.8 126.6 190.0
 98 65.5 52.5 78.7





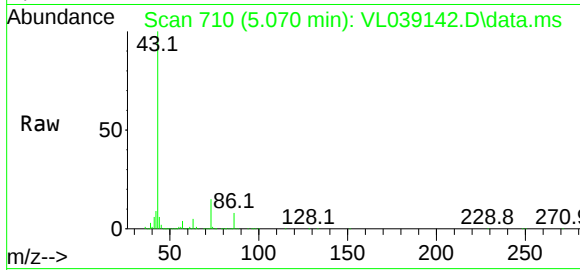
#23
 Vinyl Acetate
 Concen: 8.065 ppbv
 RT: 5.070 min Scan# 713
 Delta R.T. -0.010 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 9:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

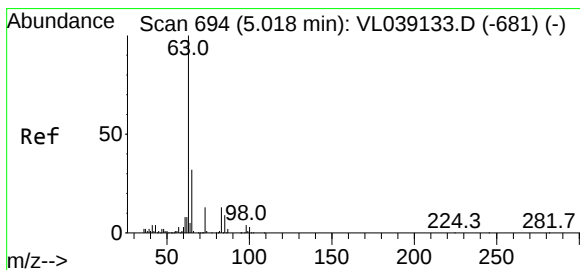
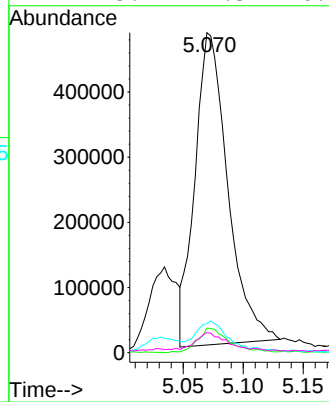
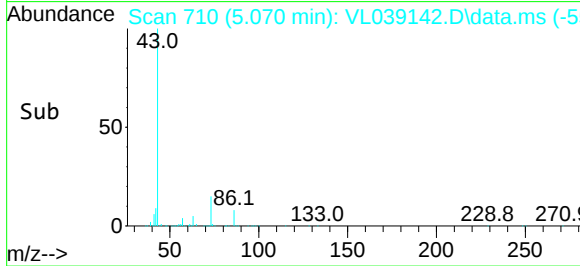


Tgt Ion: 43 Resp: 913075
 Ion Ratio Lower Upper
 43 100
 86 7.7 6.0 9.0
 42 8.8 8.2 12.4
 44 5.9 4.3 6.5

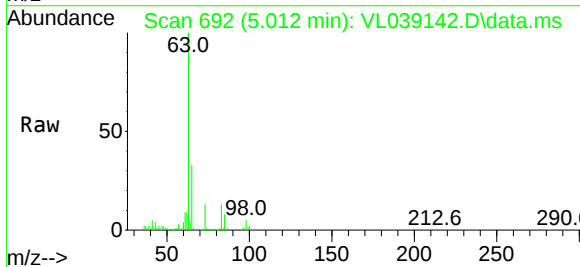
Manual Integrations

APPROVED

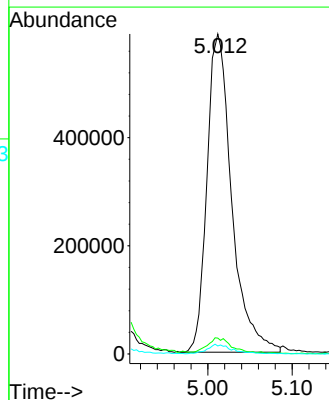
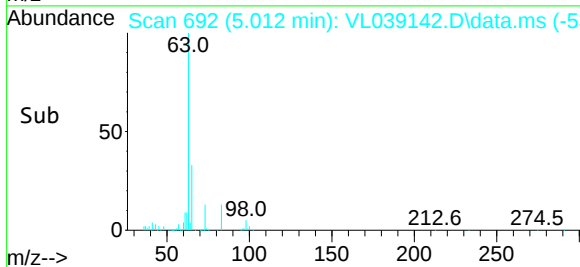
Reviewed By :Semsettin Yesilyurt 06/06/2022
 Supervised By :Mahesh Dadoda 06/06/2022

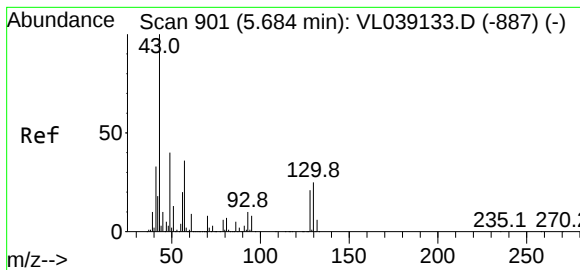


#24
 1,1-Dichloroethane
 Concen: 7.765 ppbv
 RT: 5.012 min Scan# 692
 Delta R.T. -0.006 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 9:34



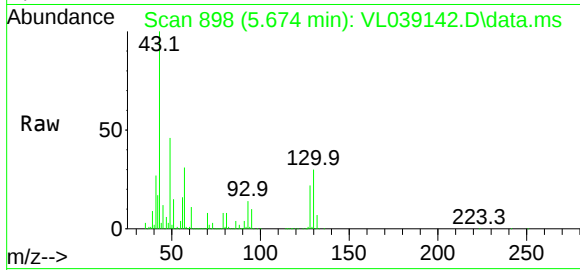
Tgt Ion: 63 Resp: 1204469
 Ion Ratio Lower Upper
 63 100
 98 4.7 2.1 6.2
 100 2.3 1.5 4.5





#25
Ethyl Acetate
Concen: 9.248 ppbv
RT: 5.674 min Scan# 898
Delta R.T. -0.010 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

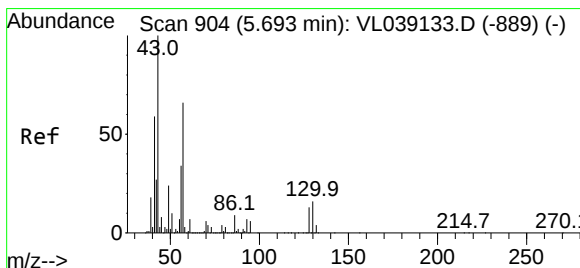
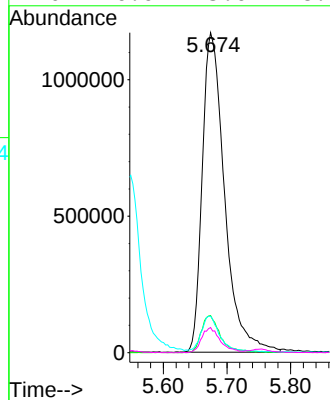
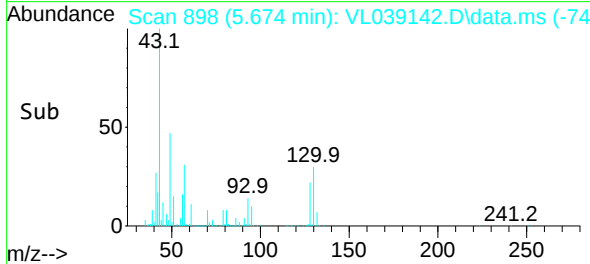
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



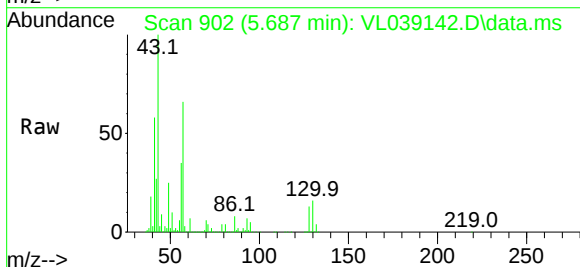
Tgt Ion: 43 Resp: 2852136
Ion Ratio Lower Upper
43 100
45 10.2 8.2 12.2
61 9.6 8.4 12.6
70 6.6 5.6 8.4

Manual Integrations
APPROVED

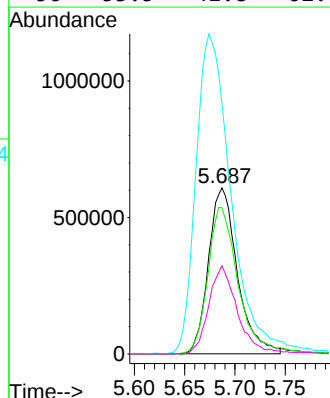
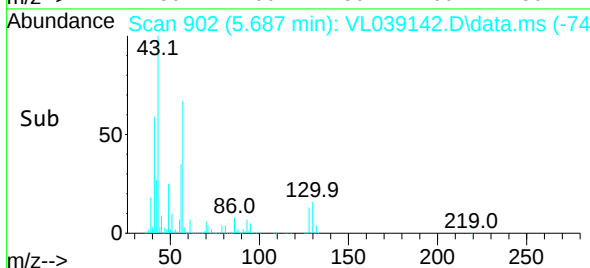
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

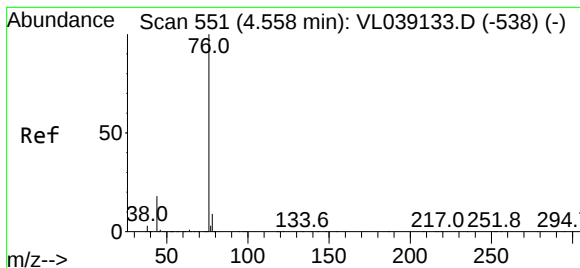


#26
Hexane
Concen: 8.969 ppbv
RT: 5.687 min Scan# 902
Delta R.T. -0.006 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34



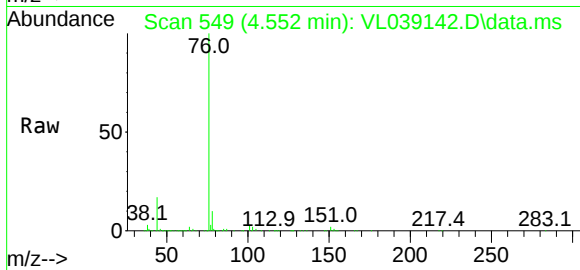
Tgt Ion: 57 Resp: 1215670
Ion Ratio Lower Upper
57 100
41 94.3 72.4 108.6
43 236.2 187.0 280.6
56 53.5 41.8 62.6





#27
Carbon Disulfide
Concen: 10.323 ppbv
RT: 4.552 min Scan# 549
Delta R.T. -0.006 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

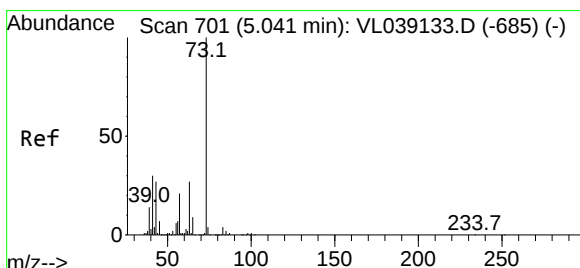
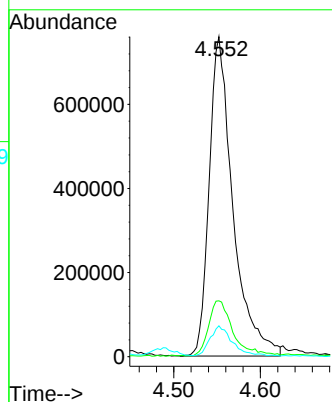
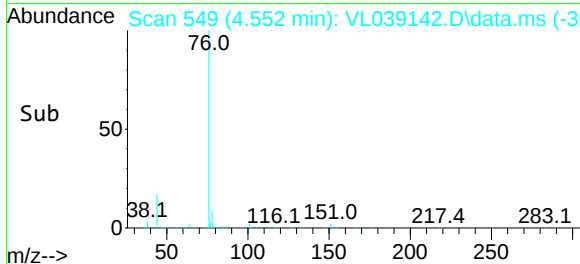
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 76 Resp: 145012
Ion Ratio Lower Upper
76 100
44 18.7 14.4 21.6
78 10.0 7.7 11.5

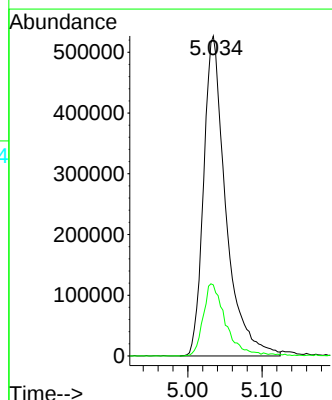
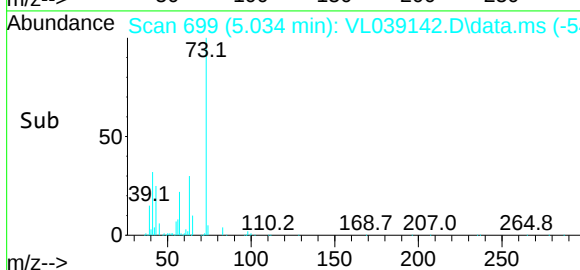
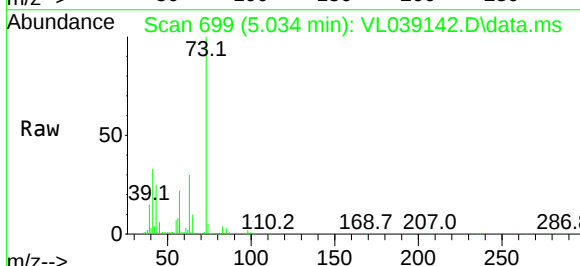
Manual Integrations
APPROVED

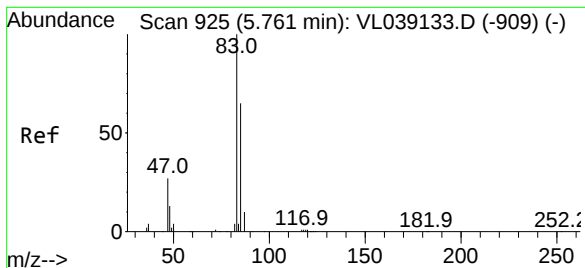
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022



#28
Methyl tert-Butyl Ether
Concen: 7.319 ppbv
RT: 5.034 min Scan# 699
Delta R.T. -0.006 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

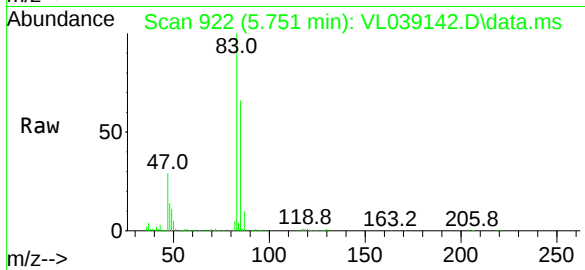
Tgt Ion: 73 Resp: 1095048
Ion Ratio Lower Upper
73 100
57 23.3 18.6 27.8





#29
Chloroform
Concen: 9.186 ppbv
RT: 5.751 min Scan# 91
Delta R.T. -0.010 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

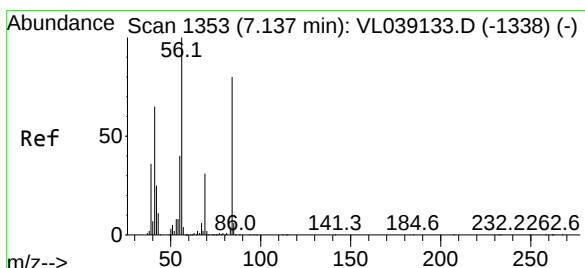
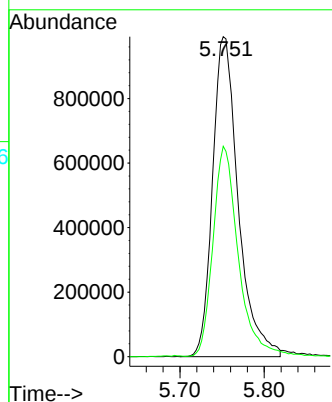
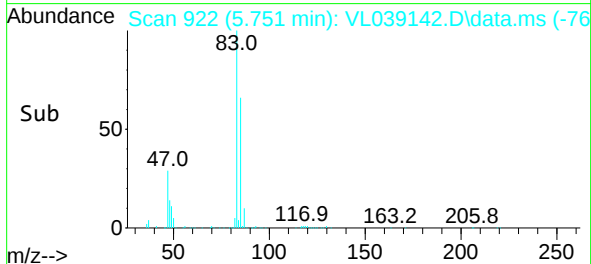
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



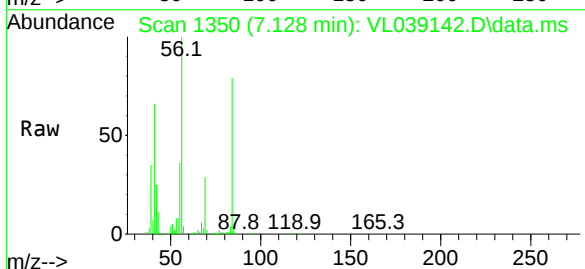
Tgt Ion: 83 Resp: 2095109
Ion Ratio Lower Upper
83 100
85 65.5 52.4 78.6

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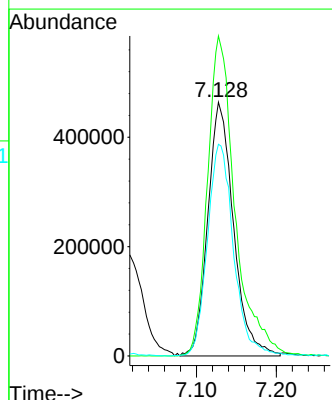
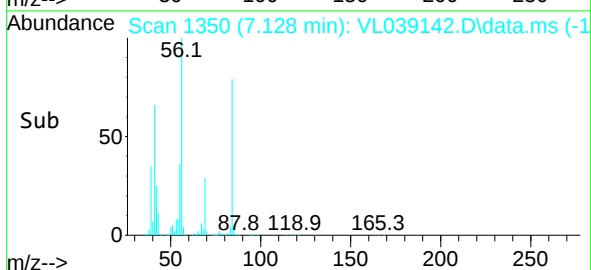
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

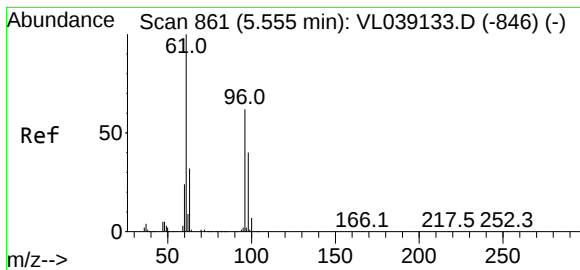


#30
Cyclohexane
Concen: 9.099 ppbv
RT: 7.128 min Scan# 1350
Delta R.T. -0.010 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34



Tgt Ion: 84 Resp: 1036029
Ion Ratio Lower Upper
84 100
56 135.4 110.6 165.8
41 85.1 68.9 103.3





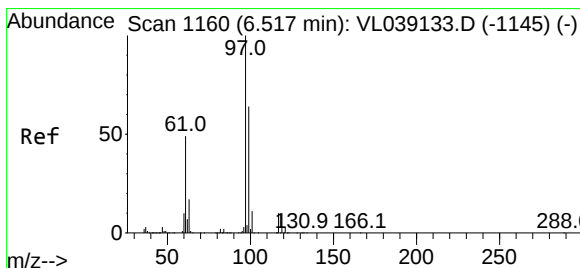
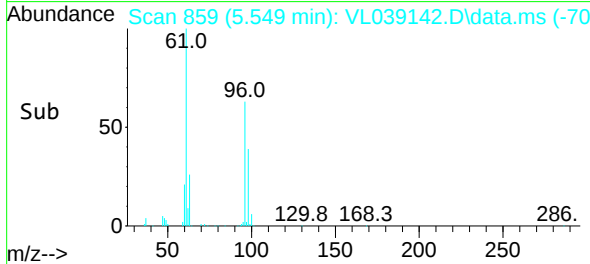
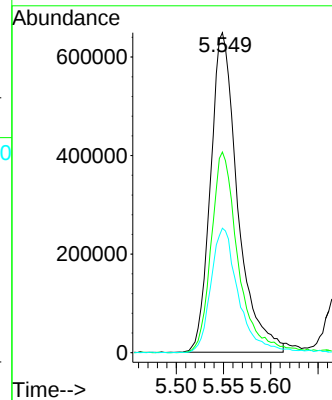
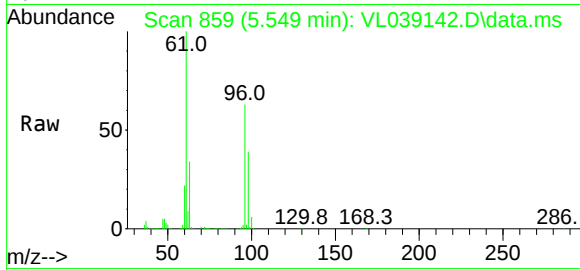
#31
cis-1,2-Dichloroethene
Concen: 9.361 ppbv
RT: 5.549 min Scan# 81
Delta R.T. -0.006 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 61 Resp: 129373
Ion Ratio Lower Upper
61 100
96 62.8 49.9 74.9
98 38.9 32.0 48.0

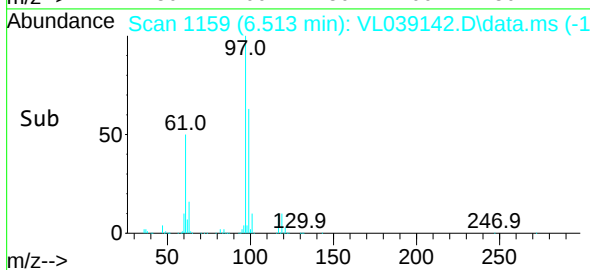
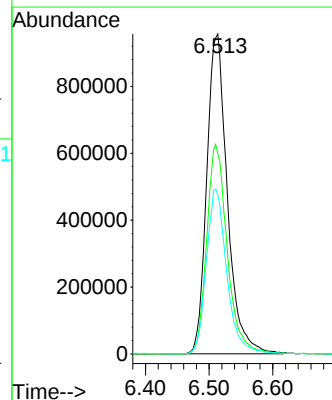
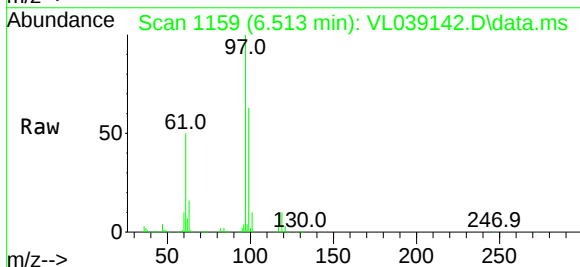
Manual Integrations
APPROVED

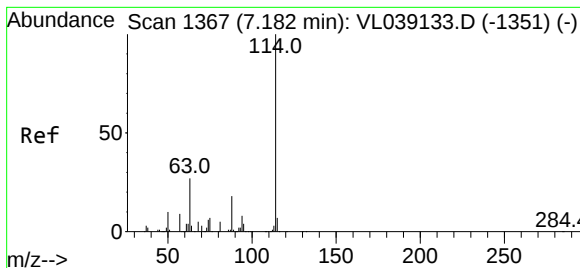
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022



#32
1,1,1-Trichloroethane
Concen: 9.641 ppbv
RT: 6.513 min Scan# 1159
Delta R.T. -0.003 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

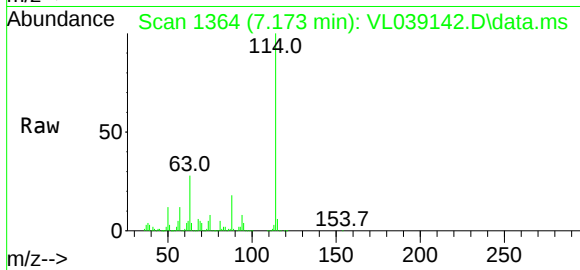
Tgt Ion: 97 Resp: 2151690
Ion Ratio Lower Upper
97 100
99 65.5 52.1 78.1
61 51.2 40.0 60.0





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.173 min Scan# 114
Delta R.T. -0.010 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

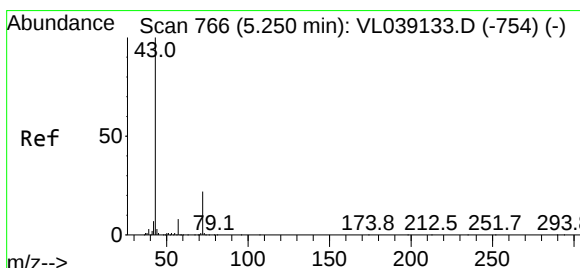
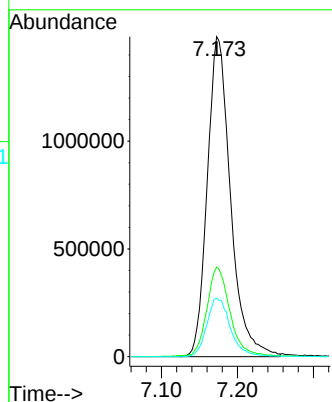
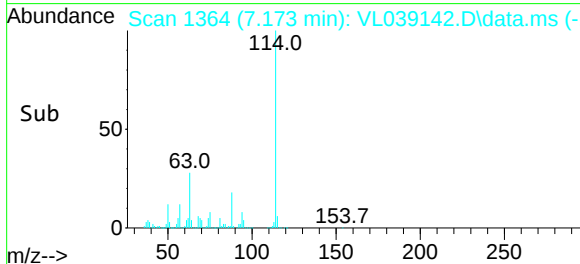
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



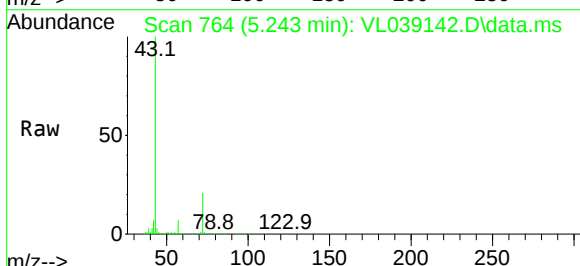
Tgt Ion:114 Resp: 3154509
Ion Ratio Lower Upper
114 100
63 28.2 21.7 32.5
88 18.7 14.8 22.2

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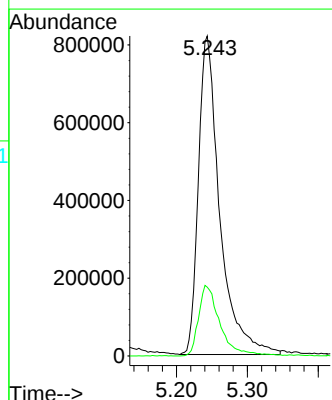
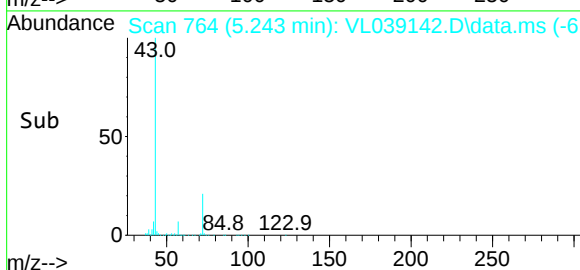
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

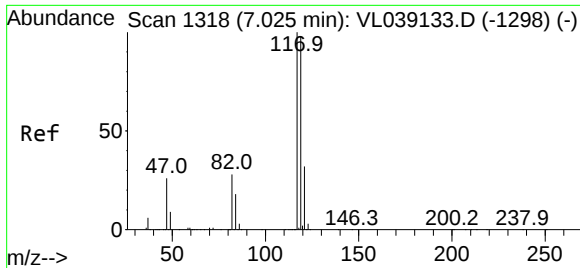


#34
2-Butanone
Concen: 10.012 ppbv
RT: 5.243 min Scan# 764
Delta R.T. -0.006 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34



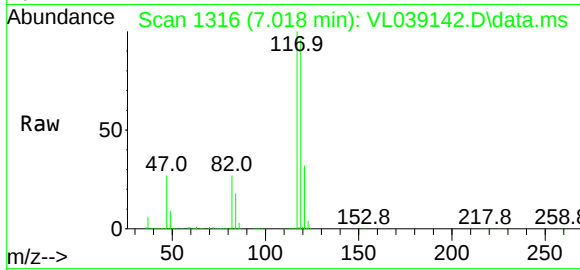
Tgt Ion: 43 Resp: 1715798
Ion Ratio Lower Upper
43 100
72 22.6 18.2 27.2





#35
Carbon Tetrachloride
Concen: 9.964 ppbv
RT: 7.018 min Scan# 117
Delta R.T. -0.006 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

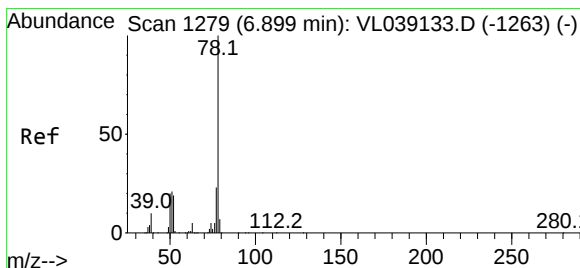
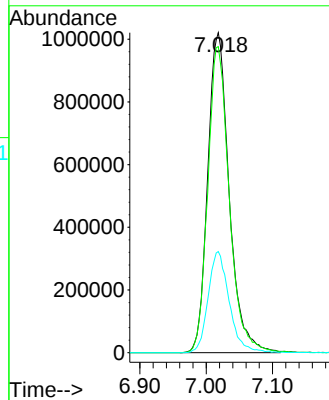
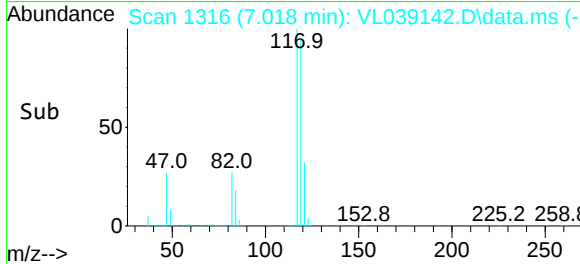
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



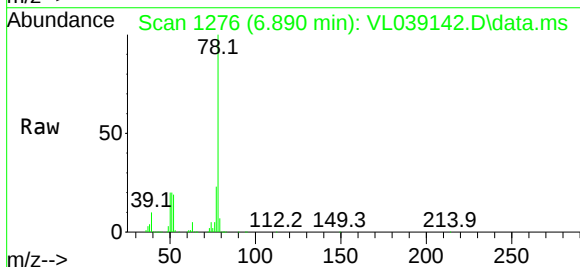
Tgt Ion: 117 Resp: 229417
Ion Ratio Lower Upper
117 100
119 95.6 78.6 118.0
121 31.6 25.4 38.0

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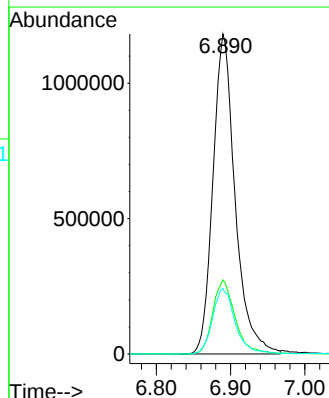
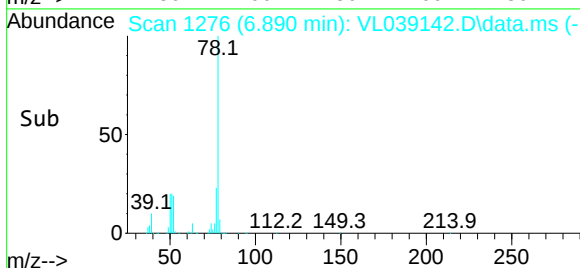
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

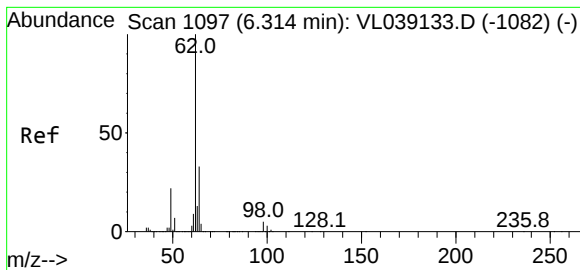


#36
Benzene
Concen: 9.569 ppbv
RT: 6.890 min Scan# 1276
Delta R.T. -0.010 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34



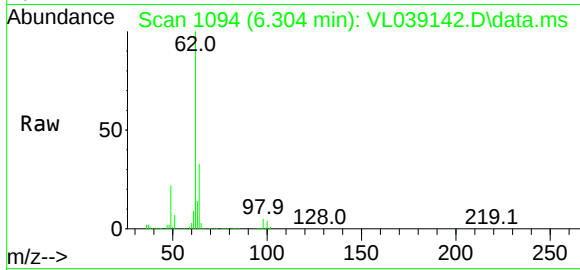
Tgt Ion: 78 Resp: 2450650
Ion Ratio Lower Upper
78 100
77 23.2 18.6 27.8
50 20.5 15.8 23.8





#37
1,2-Dichloroethane
Concen: 10.196 ppbv
RT: 6.304 min Scan# 1097
Delta R.T. -0.010 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

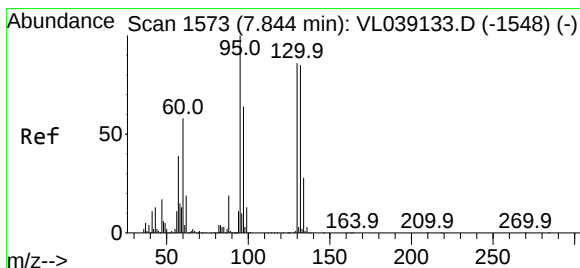
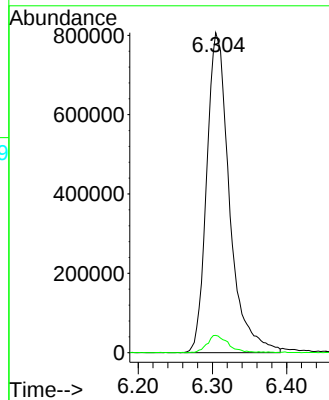
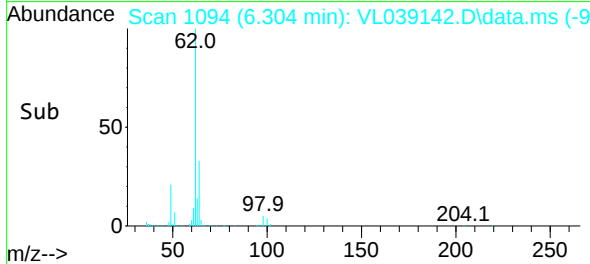
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 62 Resp: 171852
Ion Ratio Lower Upper
62 100
98 5.3 4.3 6.5

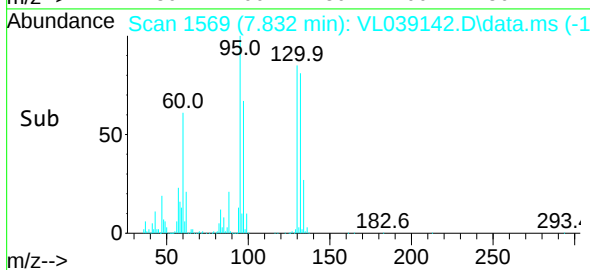
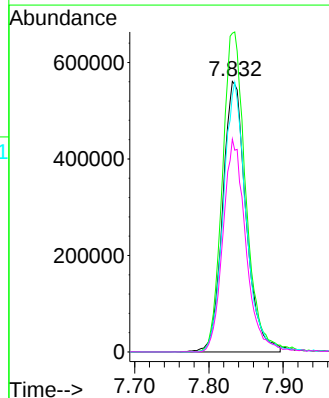
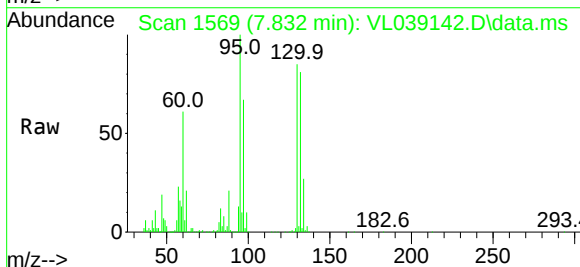
Manual Integrations
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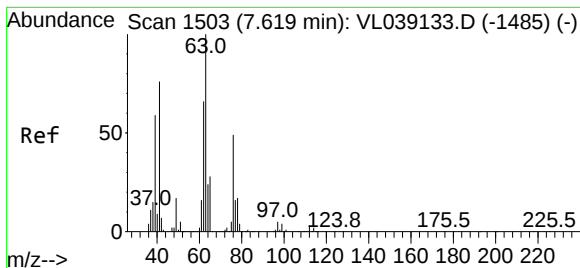
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022



#38
Trichloroethene
Concen: 10.375 ppbv
RT: 7.832 min Scan# 1569
Delta R.T. -0.013 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

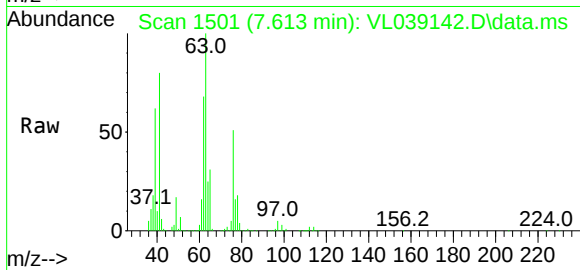
Tgt Ion:130 Resp: 1220448
Ion Ratio Lower Upper
130 100
95 117.8 93.3 139.9
132 95.0 79.0 118.4
97 78.7 59.4 89.2





#39
1,2-Dichloropropane
Concen: 9.600 ppbv
RT: 7.613 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

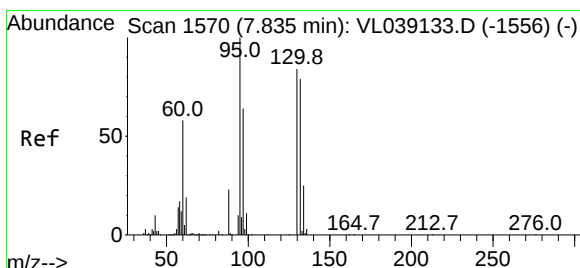
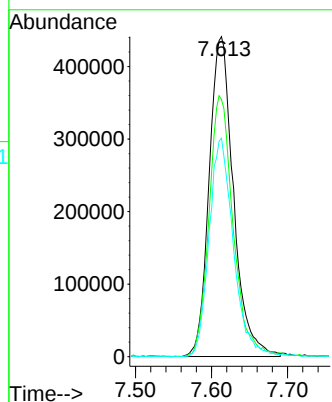
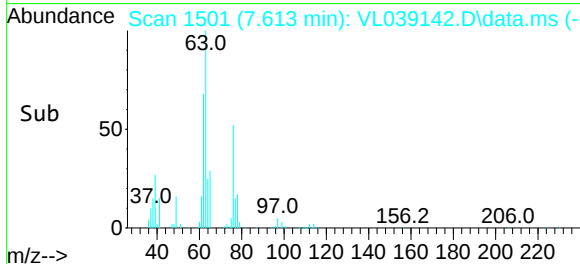
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 63 Resp: 977949
Ion Ratio Lower Upper
63 100
41 80.4 60.8 91.2
62 68.1 52.9 79.3

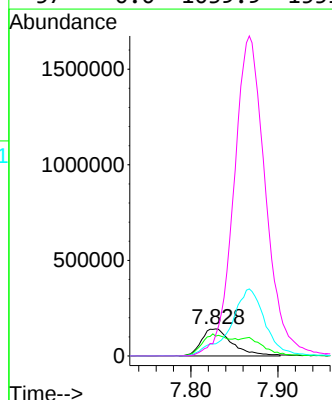
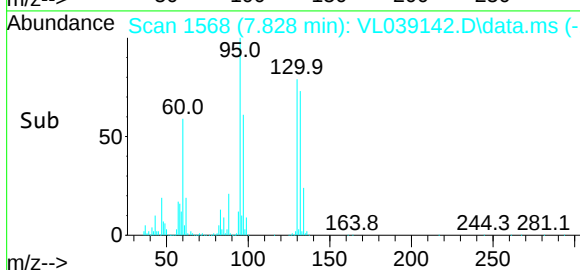
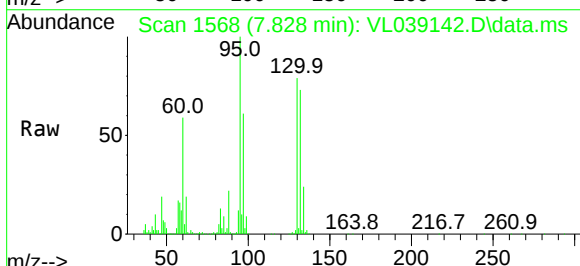
Manual Integrations
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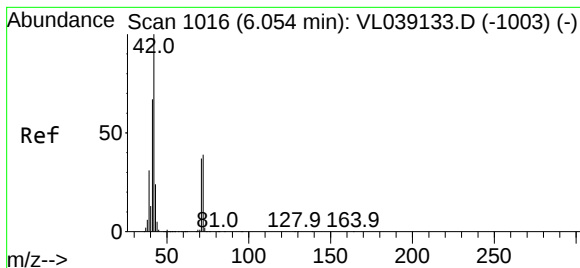
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022



#40
1,4-Dioxane
Concen: 10.501 ppbv m
RT: 7.828 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

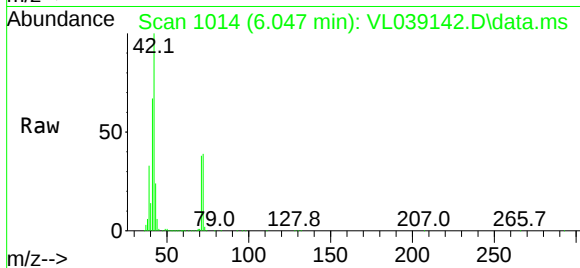
Tgt Ion: 88 Resp: 352159
Ion Ratio Lower Upper
88 100
58 0.0 111.2 166.8#
43 0.0 234.2 351.4#
57 0.0 1039.9 1559.9#





#41
Tetrahydrofuran
Concen: 9.542 ppbv
RT: 6.047 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

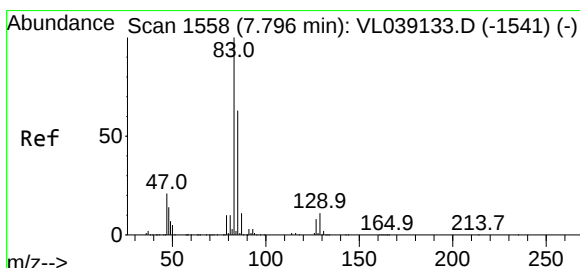
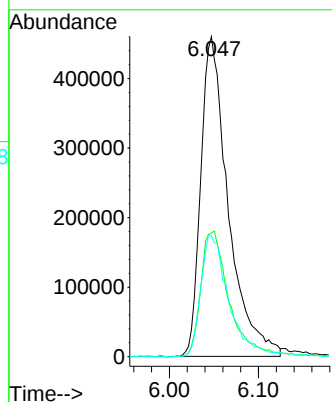
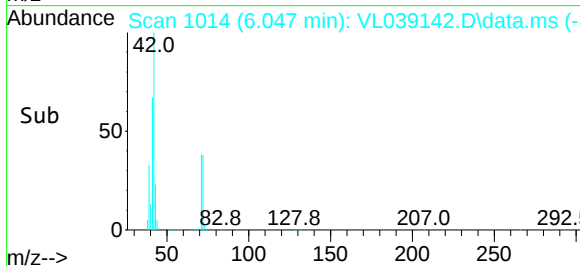
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 98357
Ion Ratio Lower Upper
42 100
72 40.8 32.0 48.0
71 39.6 31.1 46.7

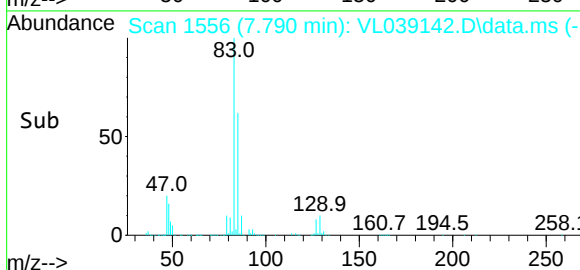
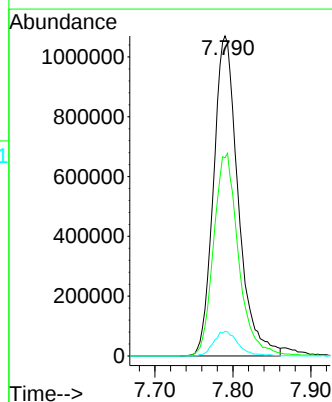
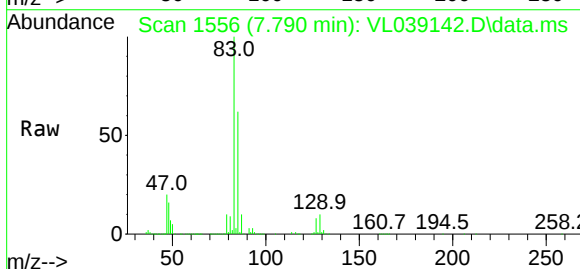
Manual Integrations
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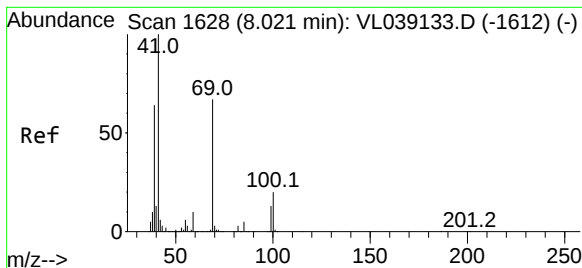
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022



#42
Bromodichloromethane
Concen: 10.064 ppbv
RT: 7.790 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

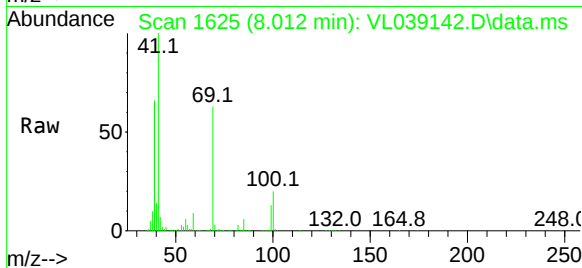
Tgt Ion: 83 Resp: 2354062
Ion Ratio Lower Upper
83 100
85 61.9 50.2 75.4
127 7.7 6.6 9.8





#43
Methyl Methacrylate
Concen: 10.184 ppbv
RT: 8.012 min Scan# 1625
Delta R.T. -0.010 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

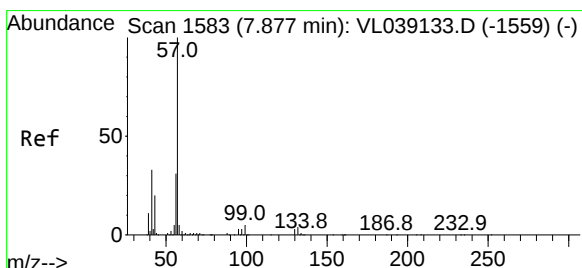
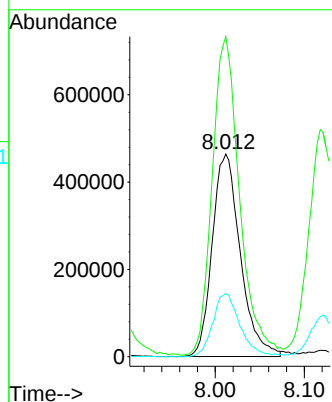
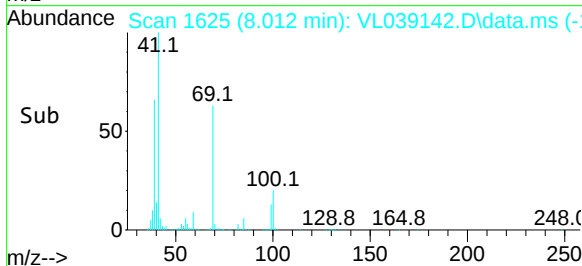


Tgt Ion: 69 Resp: 101594

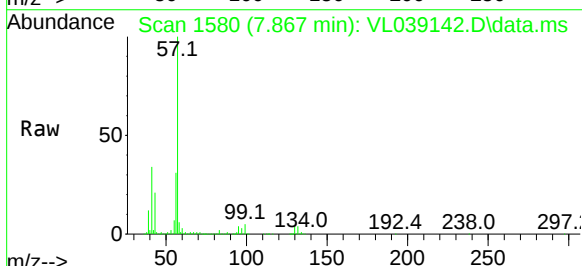
Ion	Ratio	Lower	Upper
69	100		
41	154.3	121.9	182.9
100	30.5	24.1	36.1

Manual Integrations
APPROVED

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

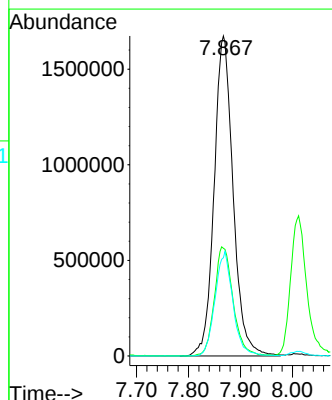
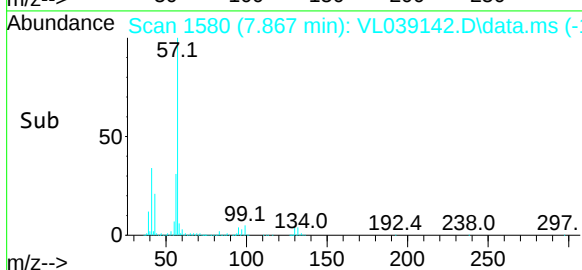


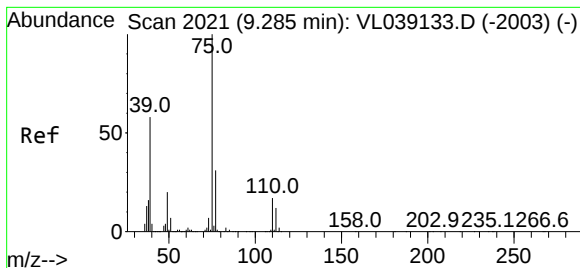
#44
2,2,4-Trimethylpentane
Concen: 9.477 ppbv
RT: 7.867 min Scan# 1580
Delta R.T. -0.010 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34



Tgt Ion: 57 Resp: 4245860

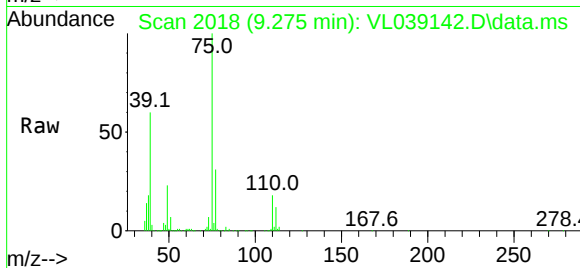
Ion	Ratio	Lower	Upper
57	100		
41	33.7	26.2	39.4
56	30.7	24.7	37.1





#45
t-1,3-Dichloropropene
Concen: 11.162 ppbv
RT: 9.275 min Scan# 20
Delta R.T. -0.010 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

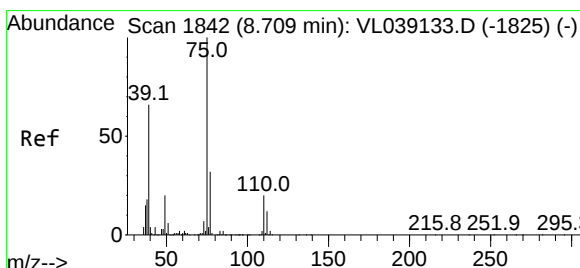
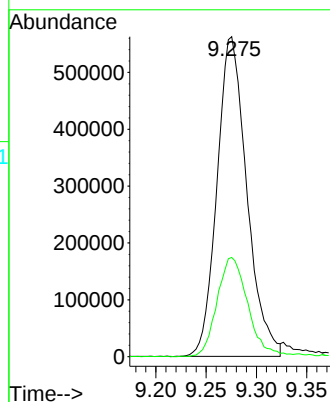
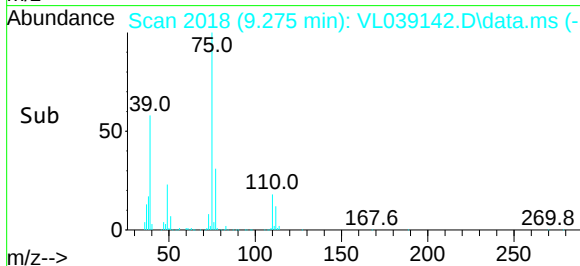
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



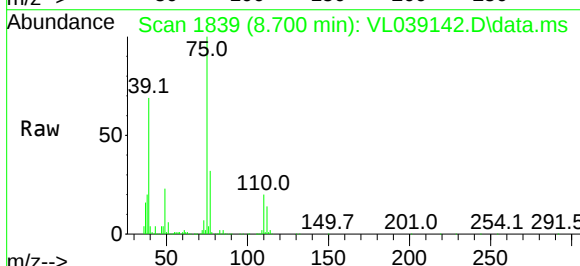
Tgt Ion: 75 Resp: 115966
Ion Ratio Lower Upper
75 100
77 31.0 24.4 36.6

Manual Integrations
APPROVED

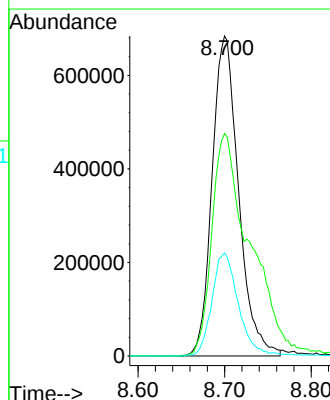
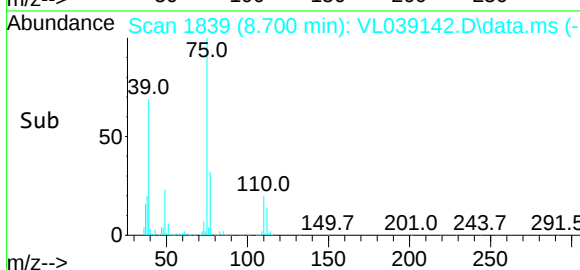
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

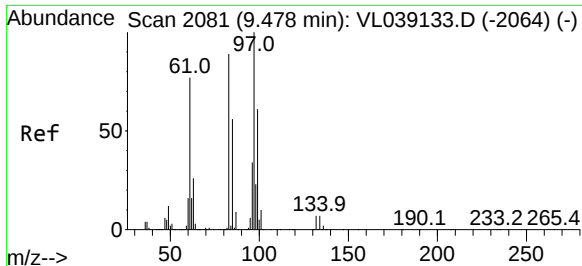


#46
cis-1,3-Dichloropropene
Concen: 10.576 ppbv
RT: 8.700 min Scan# 1839
Delta R.T. -0.010 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34



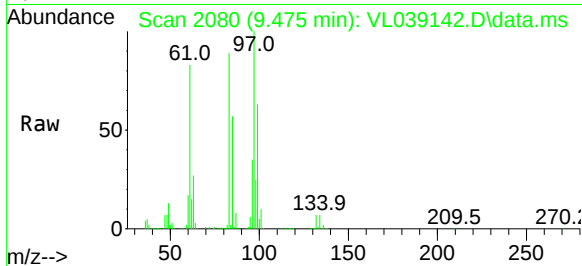
Tgt Ion: 75 Resp: 1451562
Ion Ratio Lower Upper
75 100
39 69.4 52.4 78.6
77 32.2 25.5 38.3





#47
1,1,2-Trichloroethane
Concen: 9.568 ppbv
RT: 9.475 min Scan# 2081
Delta R.T. -0.003 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

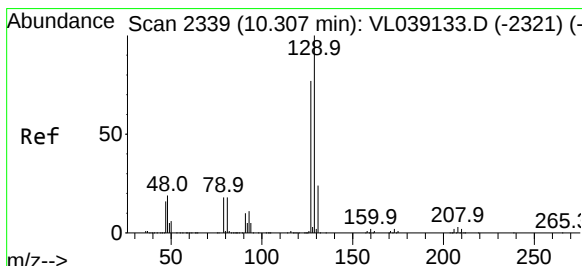
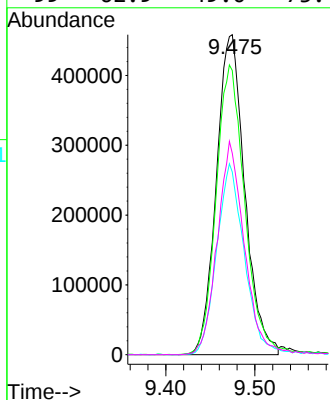
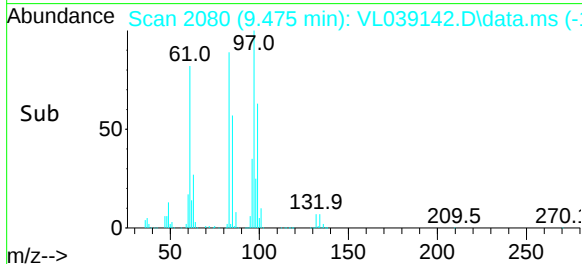
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



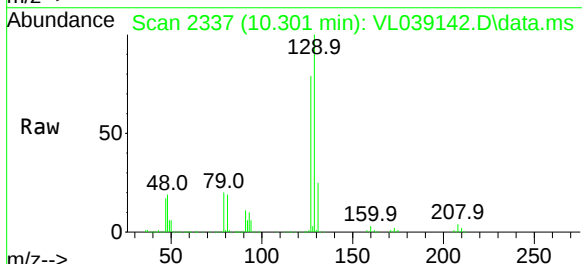
Tgt Ion: 97 Resp: 1016829
Ion Ratio Lower Upper
97 100
83 88.8 71.6 107.4
85 57.1 44.8 67.2
99 62.9 49.0 73.4

Manual Integrations
APPROVED

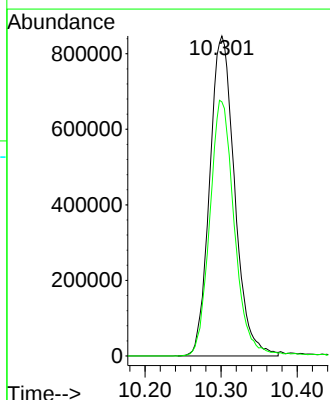
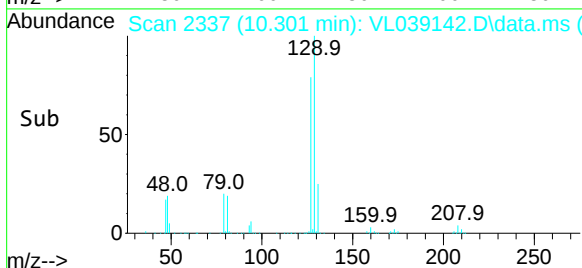
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

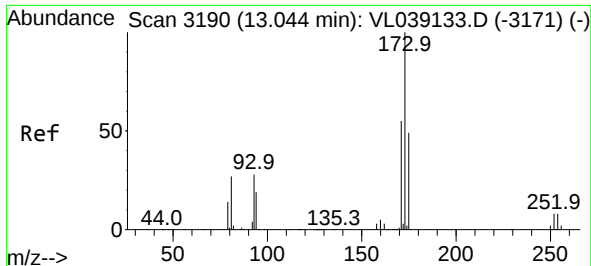


#48
Dibromochloromethane
Concen: 10.173 ppbv
RT: 10.301 min Scan# 2337
Delta R.T. -0.006 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34



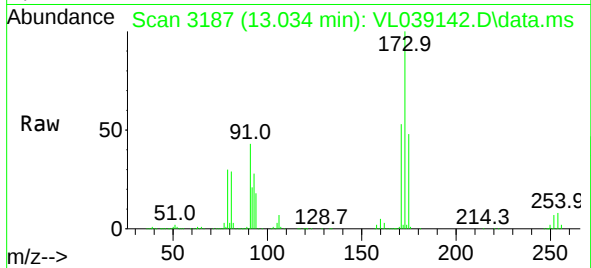
Tgt Ion:129 Resp: 1930388
Ion Ratio Lower Upper
129 100
127 79.3 40.0 119.9





#49
Bromoform
Concen: 10.134 ppbv
RT: 13.034 min Scan# 3190
Delta R.T. -0.010 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

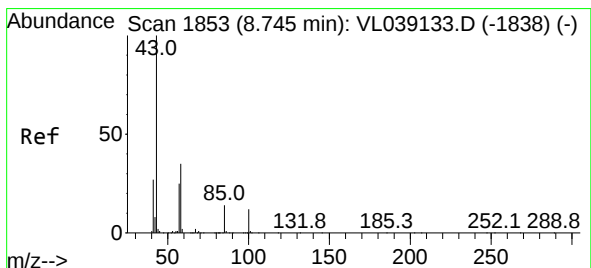
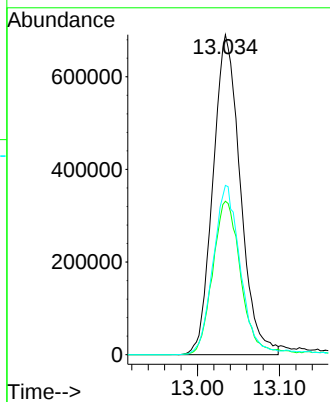
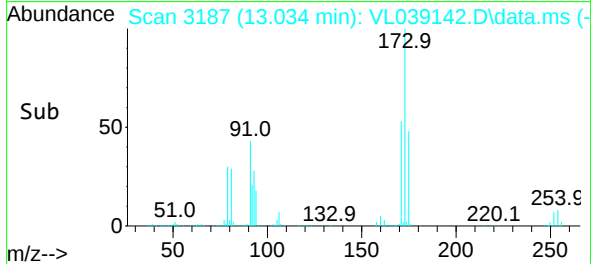
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



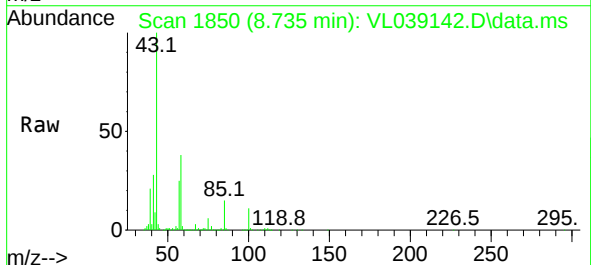
Tgt Ion:173 Resp: 1602592
Ion Ratio Lower Upper
173 100
175 51.4 40.2 60.2
171 54.9 43.9 65.9

Manual Integrations
APPROVED

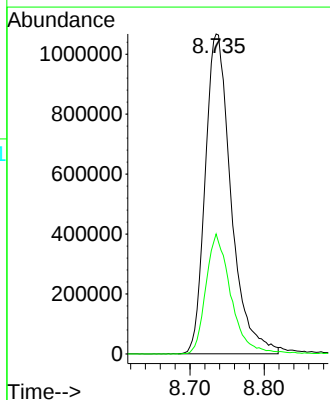
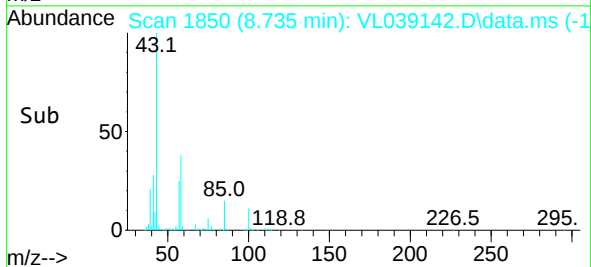
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

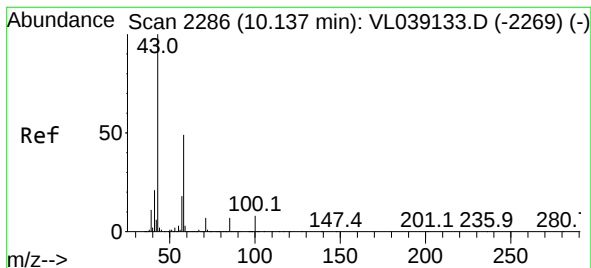


#50
4-Methyl-2-Pentanone
Concen: 10.040 ppbv
RT: 8.735 min Scan# 1850
Delta R.T. -0.010 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34



Tgt Ion: 43 Resp: 2575699
Ion Ratio Lower Upper
43 100
58 36.8 28.7 43.1





#51

2-Hexanone

Concen: 10.203 ppbv

RT: 10.127 min Scan# 21

Delta R.T. -0.010 min

Lab File: VL039142.D

Acq: 1 Jun 2022 9:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 43 Resp: 203661

Ion Ratio Lower Upper

43 100

58 48.7 40.0 60.0

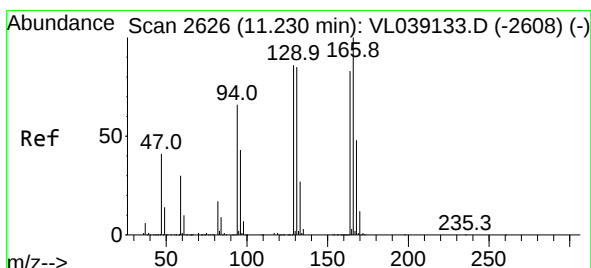
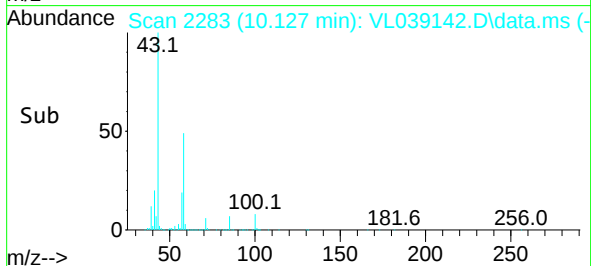
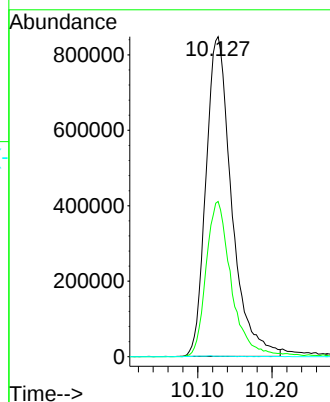
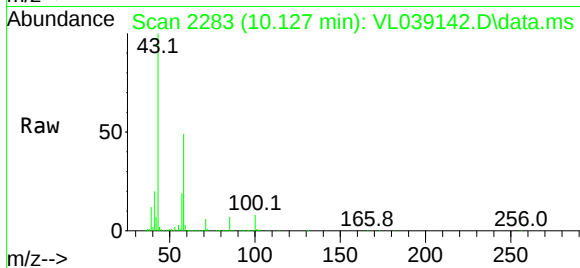
98 0.2 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2022

Supervised By :Mahesh Dadoda 06/06/2022



#52

Tetrachloroethene

Concen: 9.364 ppbv

RT: 11.217 min Scan# 2622

Delta R.T. -0.013 min

Lab File: VL039142.D

Acq: 1 Jun 2022 9:34

Tgt Ion:164 Resp: 936309

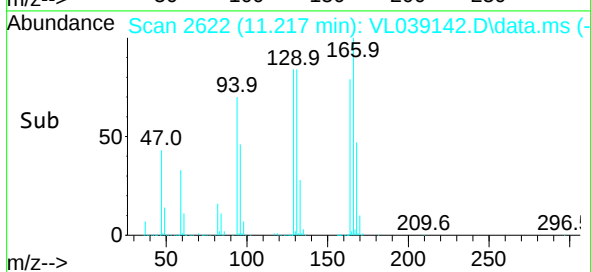
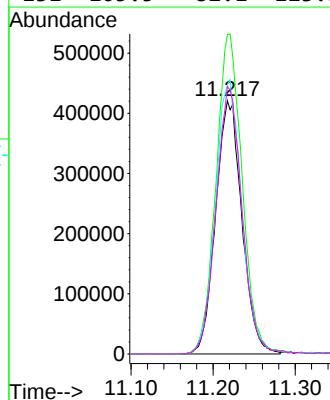
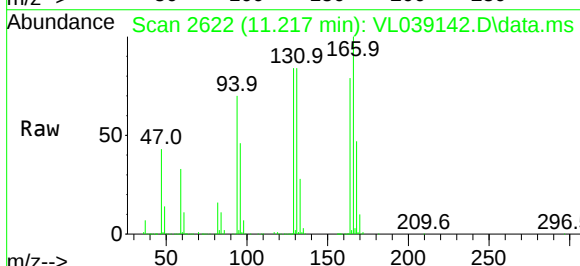
Ion Ratio Lower Upper

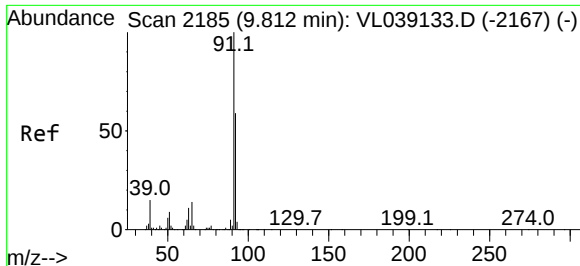
164 100

166 126.3 96.3 144.5

129 106.4 82.5 123.7

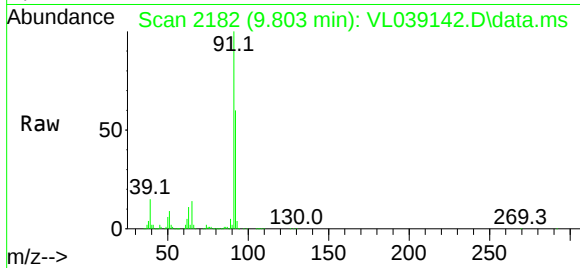
131 105.5 82.1 123.1





#53
Toluene
Concen: 9.772 ppbv
RT: 9.803 min Scan# 2185
Delta R.T. -0.010 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

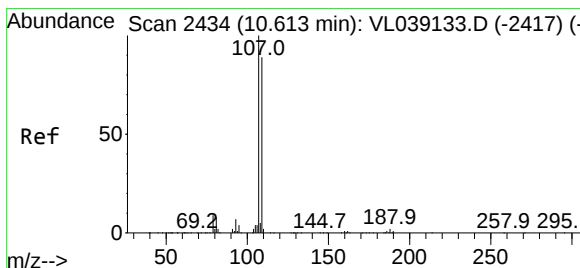
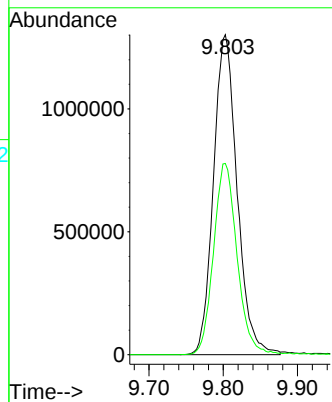
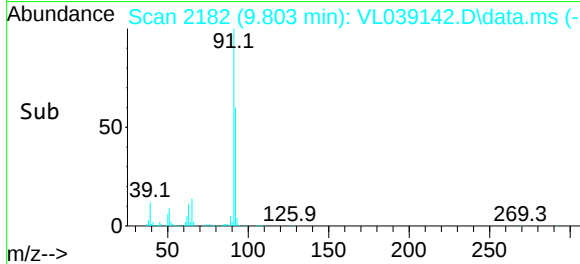
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



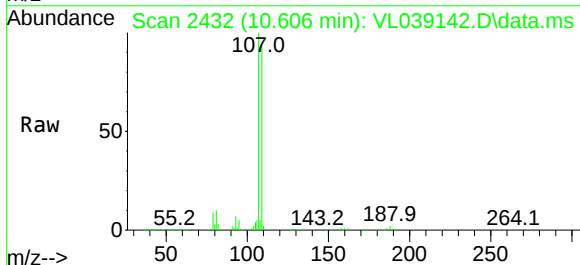
Tgt Ion: 91 Resp: 288160
Ion Ratio Lower Upper
91 100
92 59.9 48.1 72.1

Manual Integrations
APPROVED

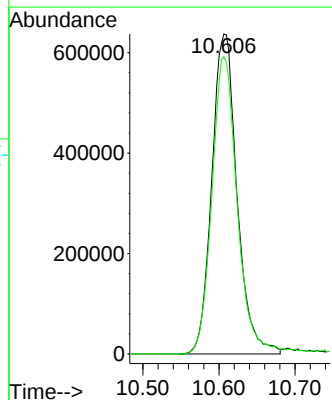
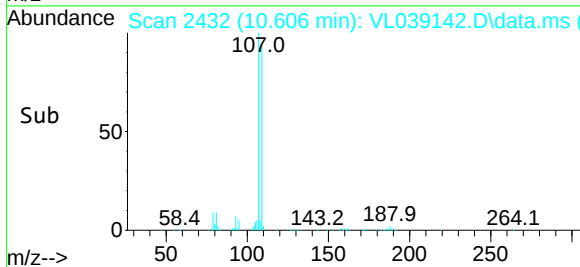
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

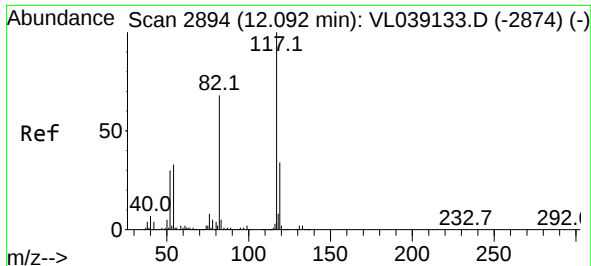


#54
1,2-Dibromoethane
Concen: 10.274 ppbv
RT: 10.606 min Scan# 2432
Delta R.T. -0.006 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34



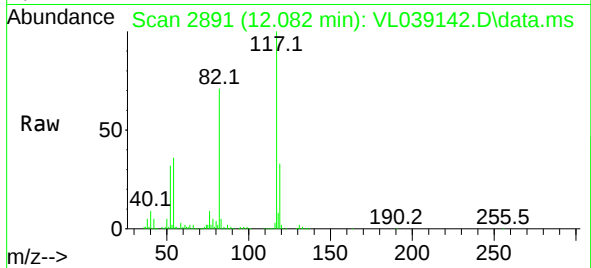
Tgt Ion:107 Resp: 1467257
Ion Ratio Lower Upper
107 100
109 92.9 71.4 107.0





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.082 min Scan# 2894
Delta R.T. -0.010 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

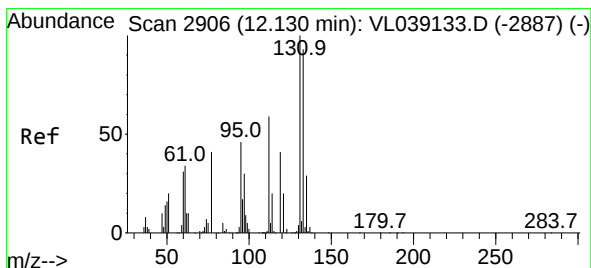
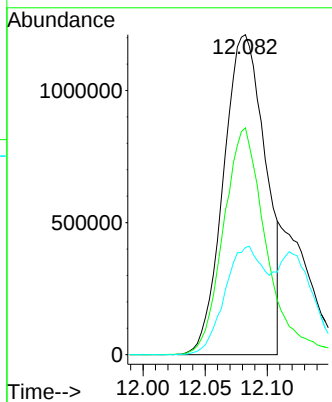
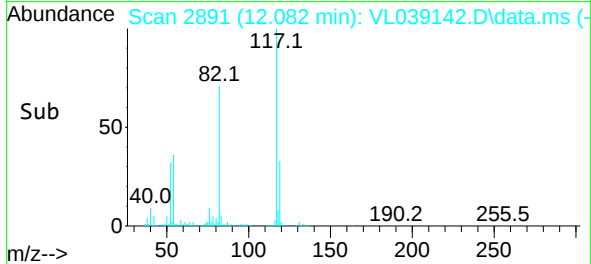
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



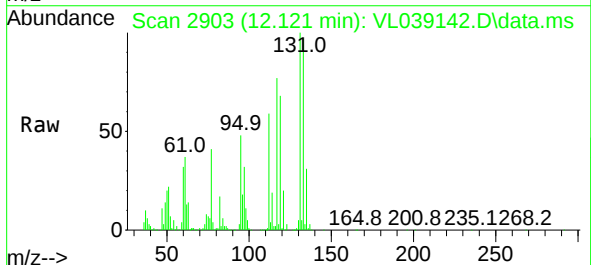
Tgt Ion:117 Resp: 2838624
Ion Ratio Lower Upper
117 100
82 74.6 55.1 82.7
119 36.5 24.7 37.1

Manual Integrations
APPROVED

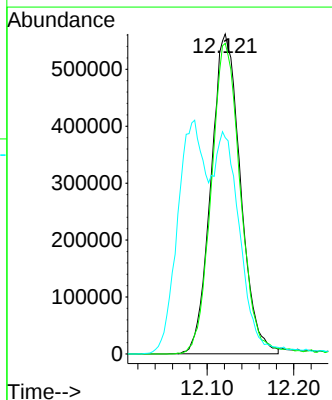
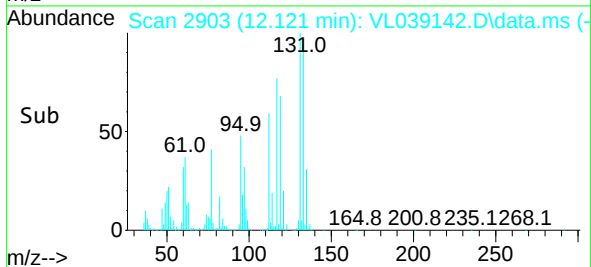
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

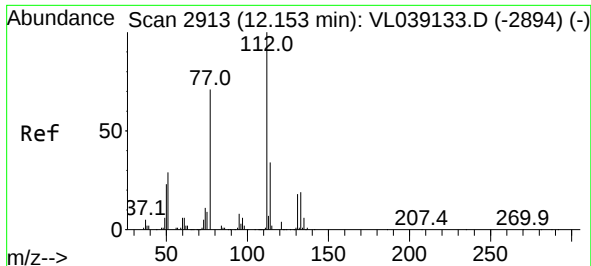


#56
1,1,1,2-Tetrachloroethane
Concen: 9.862 ppbv
RT: 12.121 min Scan# 2903
Delta R.T. -0.010 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34



Tgt Ion:131 Resp: 1324684
Ion Ratio Lower Upper
131 100
133 96.6 78.6 117.8
119 61.4 51.7 77.5





#57

Chlorobenzene

Concen: 9.904 ppbv

RT: 12.143 min Scan# 2913

Delta R.T. -0.010 min

Lab File: VL039142.D

Acq: 1 Jun 2022 9:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:112 Resp: 2115424

Ion Ratio Lower Upper

112 100

77 68.4 56.5 84.7

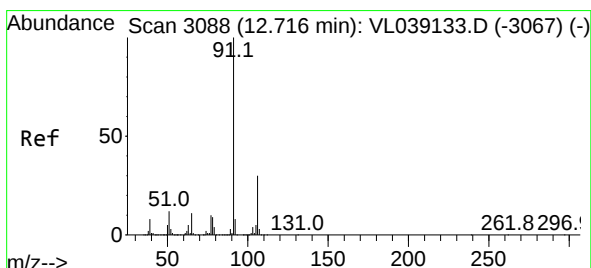
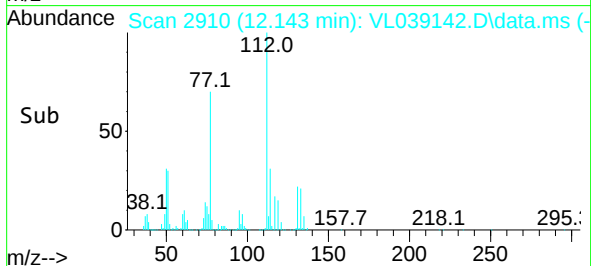
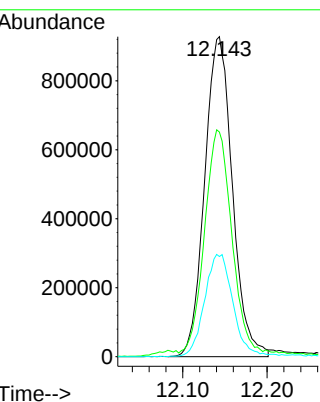
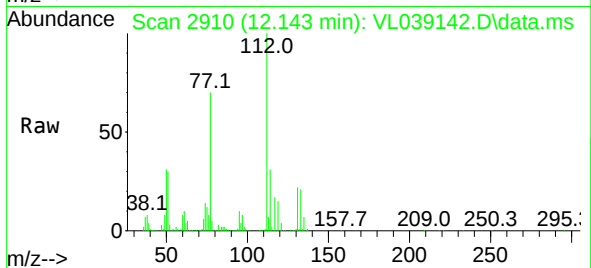
114 31.2 30.3 37.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2022

Supervised By :Mahesh Dadoda 06/06/2022



#58

Ethyl Benzene

Concen: 10.106 ppbv

RT: 12.706 min Scan# 3085

Delta R.T. -0.010 min

Lab File: VL039142.D

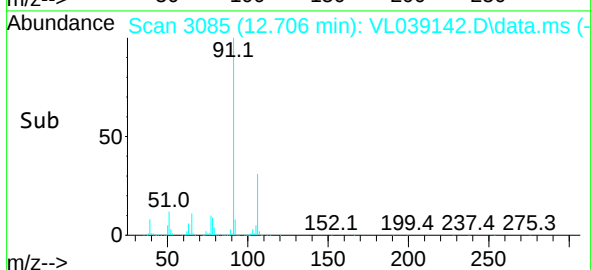
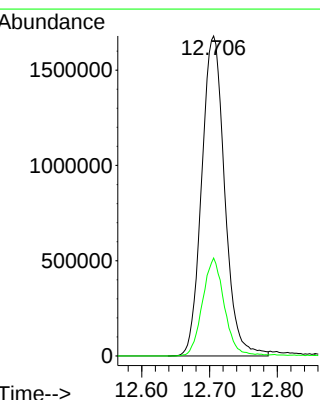
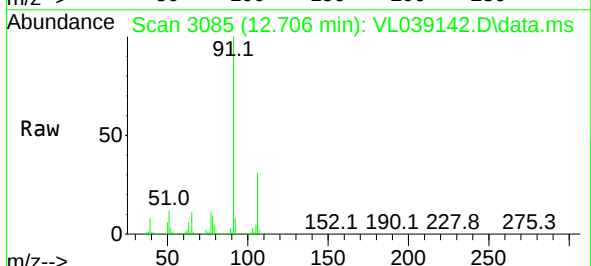
Acq: 1 Jun 2022 9:34

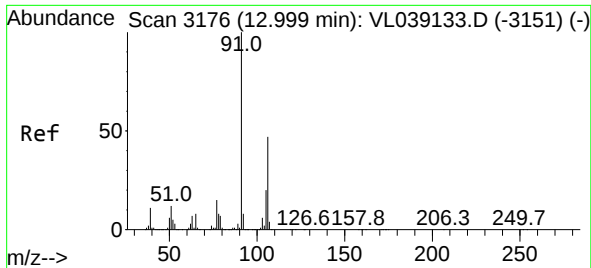
Tgt Ion: 91 Resp: 3951452

Ion Ratio Lower Upper

91 100

106 30.6 24.2 36.4





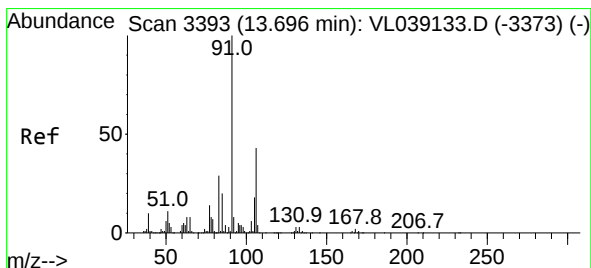
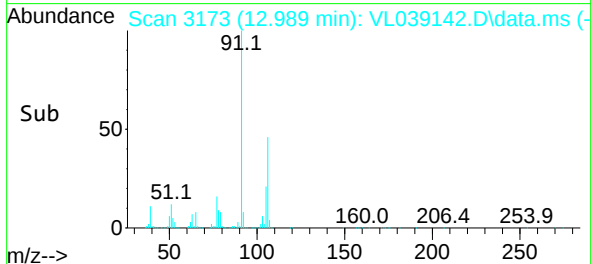
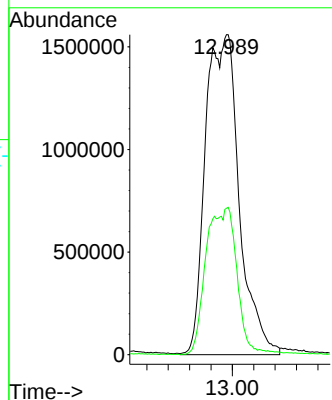
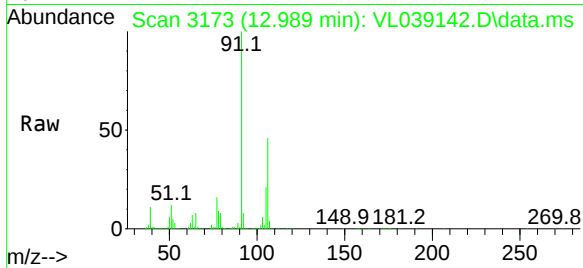
#59
m/p-Xylene
Concen: 19.868 ppbv m
RT: 12.989 min Scan# 3176
Delta R.T. -0.010 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 6840999
Ion Ratio Lower Upper
91 100
106 42.6 34.3 51.5

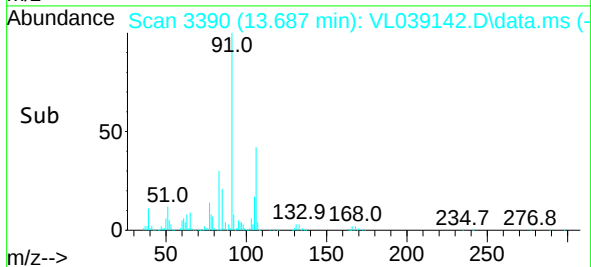
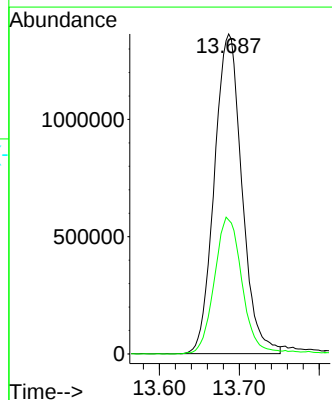
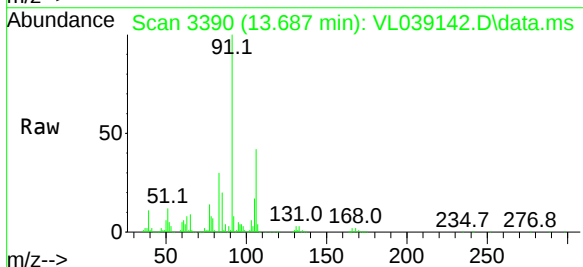
Manual Integrations
APPROVED

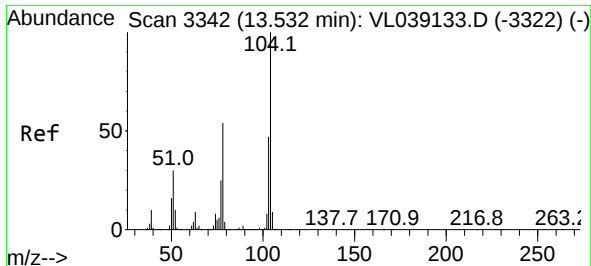
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022



#60
o-Xylene
Concen: 10.091 ppbv
RT: 13.687 min Scan# 3390
Delta R.T. -0.010 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

Tgt Ion: 91 Resp: 3264983
Ion Ratio Lower Upper
91 100
106 43.7 22.3 66.9





#61

Styrene

Concen: 10.693 ppbv

RT: 13.520 min Scan# 31

Delta R.T. -0.013 min

Lab File: VL039142.D

Acq: 1 Jun 2022 9:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:104 Resp: 185273

Ion Ratio Lower Upper

104 100

78 57.5 45.7 68.5

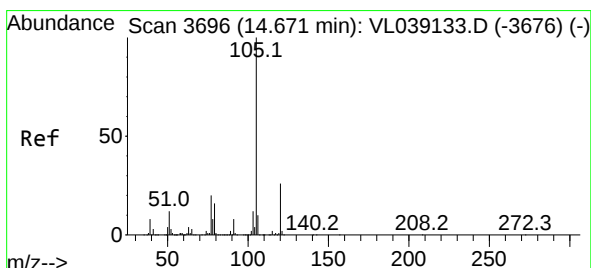
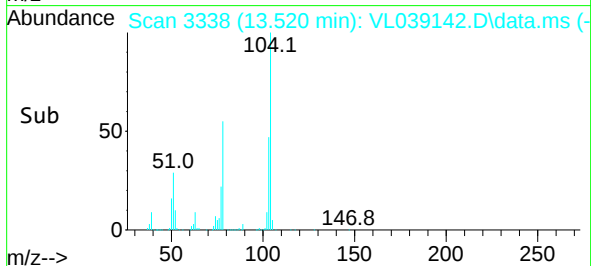
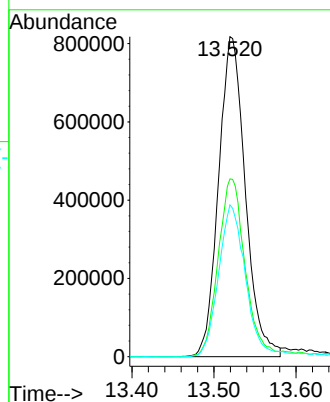
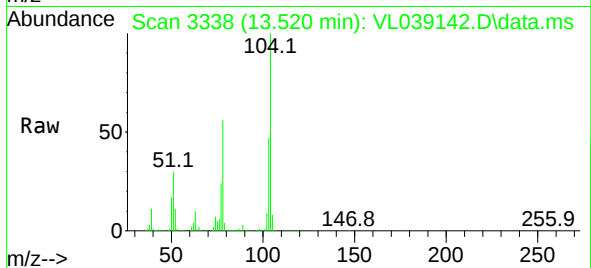
103 48.8 39.6 59.4

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 06/06/2022

Supervised By :Mahesh Dadoda 06/06/2022



#62

Isopropylbenzene

Concen: 9.827 ppbv

RT: 14.661 min Scan# 3693

Delta R.T. -0.010 min

Lab File: VL039142.D

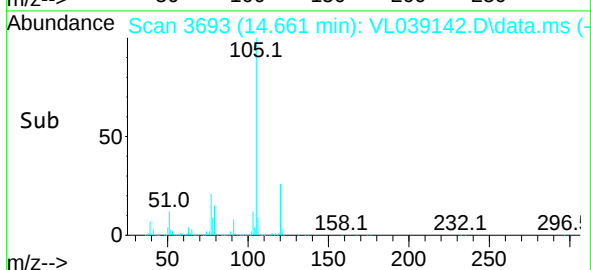
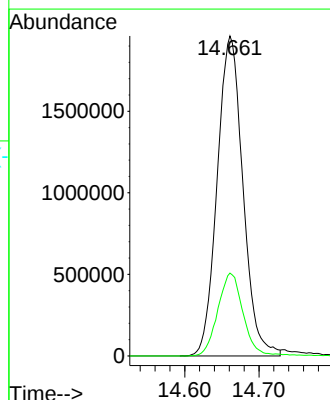
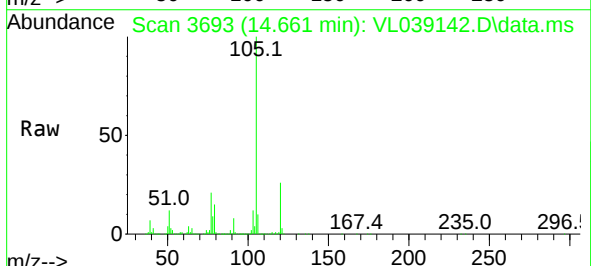
Acq: 1 Jun 2022 9:34

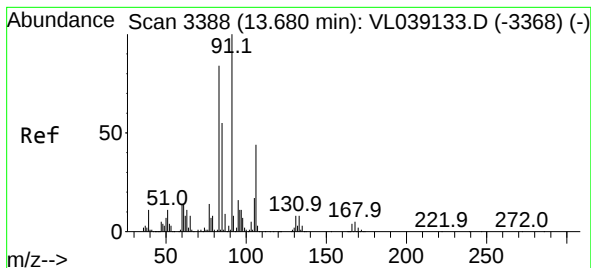
Tgt Ion:105 Resp: 4725815

Ion Ratio Lower Upper

105 100

120 25.7 20.3 30.5





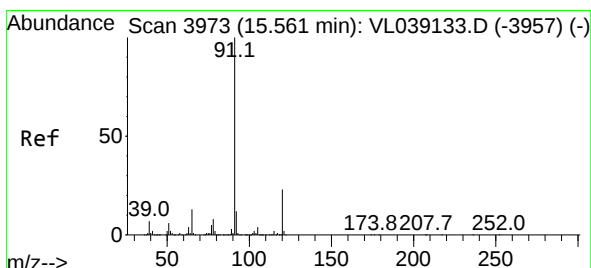
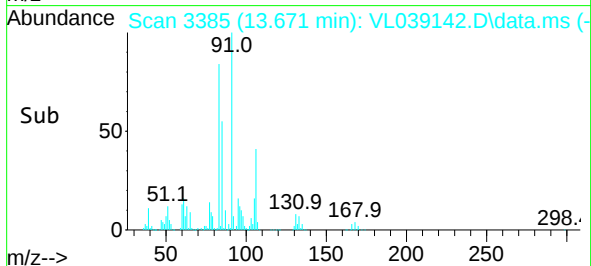
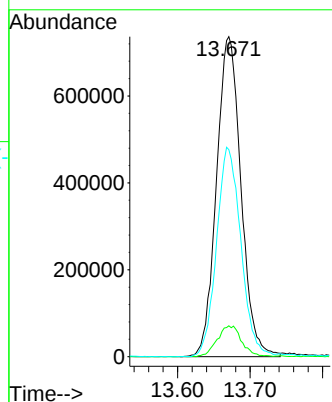
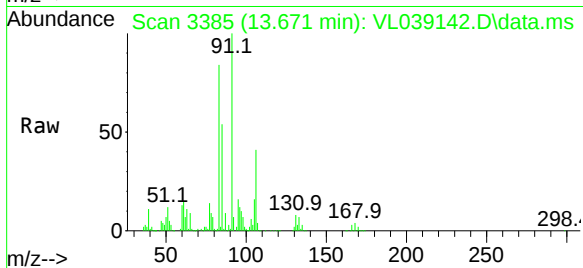
#63
1,1,2,2-Tetrachloroethane
Concen: 9.525 ppbv
RT: 13.671 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 83 Resp: 172975
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.3
85 66.1 33.0 99.0

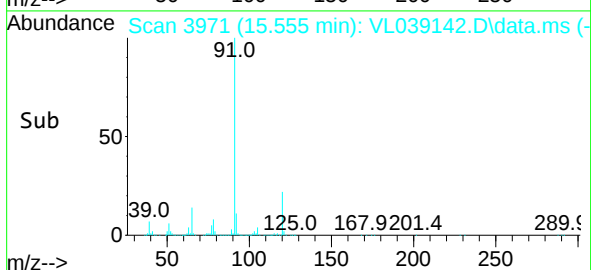
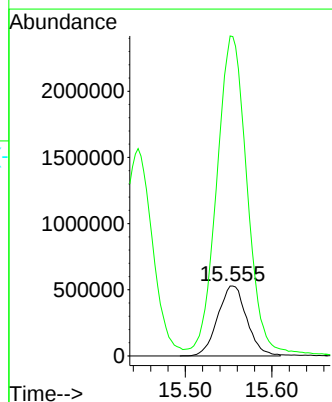
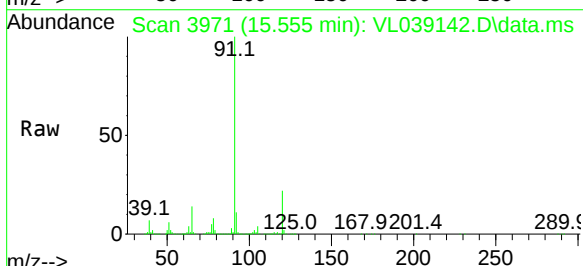
Manual Integrations
APPROVED

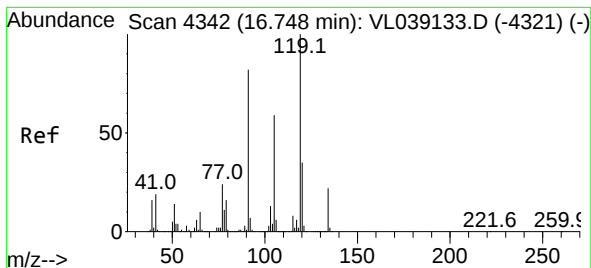
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022



#64
n-propylbenzene
Concen: 10.414 ppbv
RT: 15.555 min Scan# 3971
Delta R.T. -0.006 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

Tgt Ion:120 Resp: 1231134
Ion Ratio Lower Upper
120 100
91 482.6 388.4 582.6





#65

tert-Butylbenzene

Concen: 9.848 ppbv

RT: 16.738 min Scan# 41

Delta R.T. -0.010 min

Lab File: VL039142.D

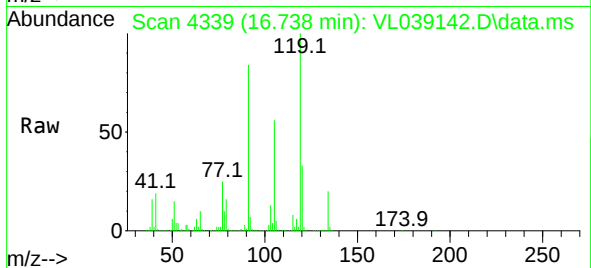
Acq: 1 Jun 2022 9:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion: 119 Resp: 433042

Ion Ratio Lower Upper

119 100

91 85.5 67.1 100.7

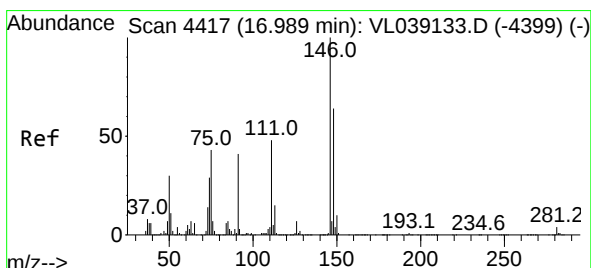
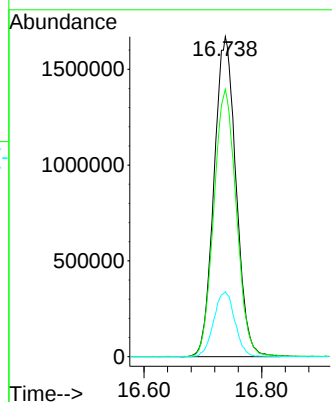
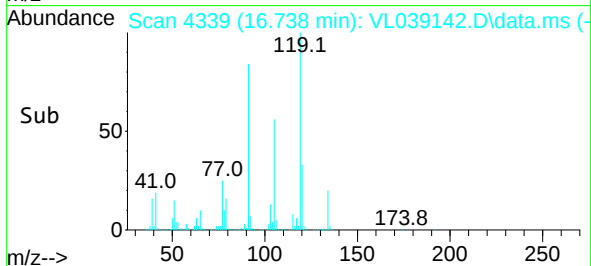
134 19.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2022

Supervised By :Mahesh Dadoda 06/06/2022



#66

Benzyl Chloride

Concen: 12.505 ppbv

RT: 16.979 min Scan# 4414

Delta R.T. -0.010 min

Lab File: VL039142.D

Acq: 1 Jun 2022 9:34

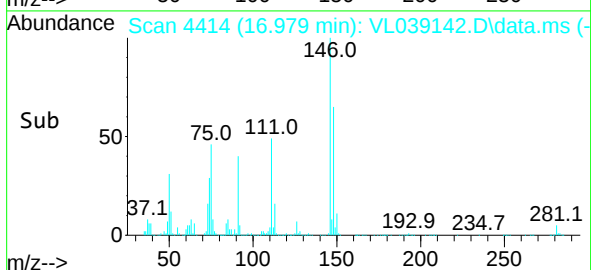
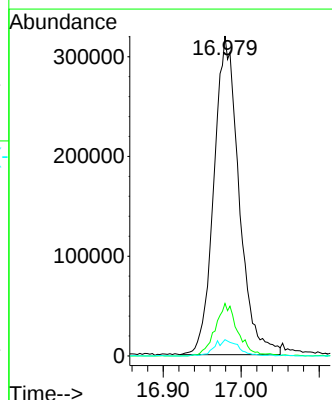
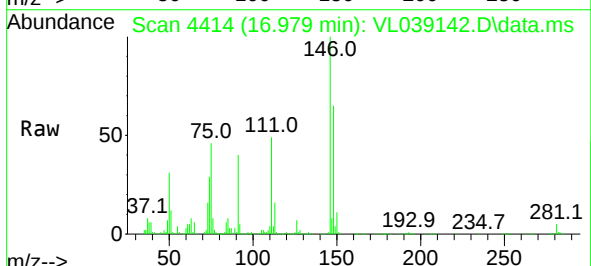
Tgt Ion: 91 Resp: 714995

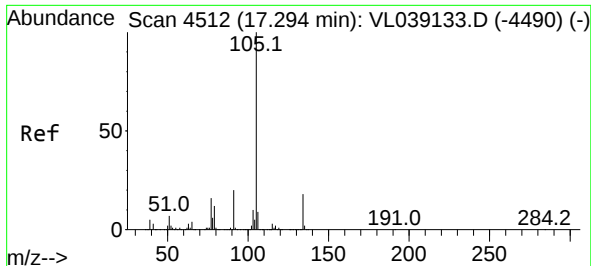
Ion Ratio Lower Upper

91 100

126 15.1 13.4 20.0

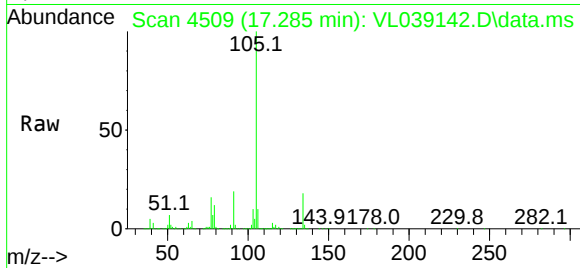
128 4.9 4.1 6.1





#67
 sec-Butylbenzene
 Concen: 10.030 ppbv
 RT: 17.285 min Scan# 4509
 Delta R.T. -0.010 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 9:34

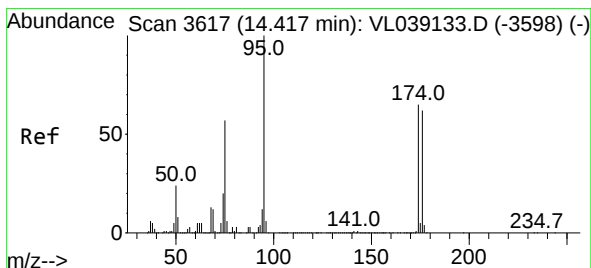
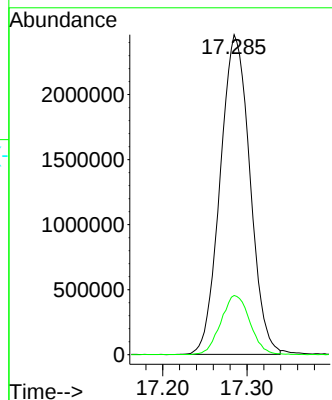
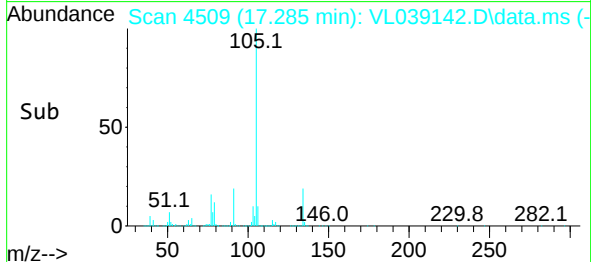
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



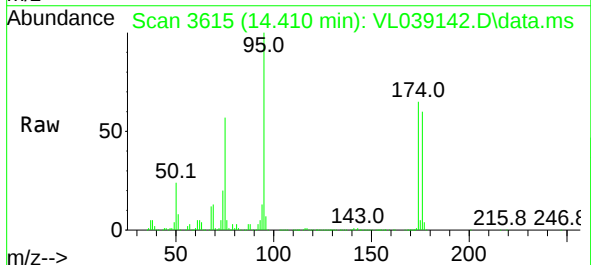
Tgt Ion:105 Resp: 601823
 Ion Ratio Lower Upper
 105 100
 134 18.1 14.4 21.6

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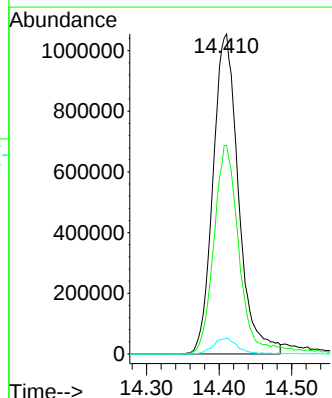
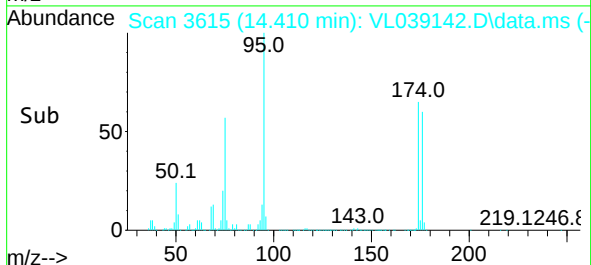
Reviewed By :Semsettin Yesilyurt 06/06/2022
 Supervised By :Mahesh Dadoda 06/06/2022

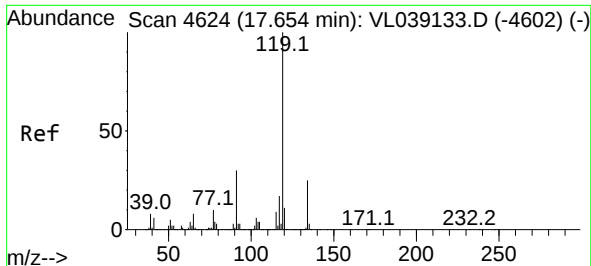


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.971 ppbv
 RT: 14.410 min Scan# 3615
 Delta R.T. -0.006 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 9:34



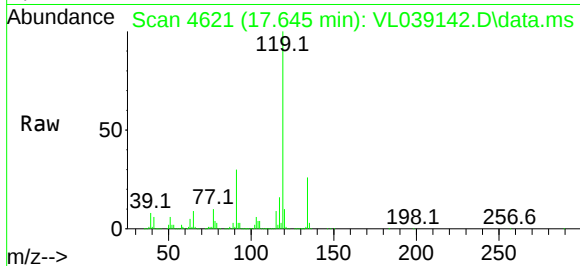
Tgt Ion: 95 Resp: 2574650
 Ion Ratio Lower Upper
 95 100
 174 65.9 53.8 80.8
 175 4.9 4.1 6.1





#69
p-Isopropyltoluene
Concen: 10.055 ppbv
RT: 17.645 min Scan# 4621
Delta R.T. -0.010 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

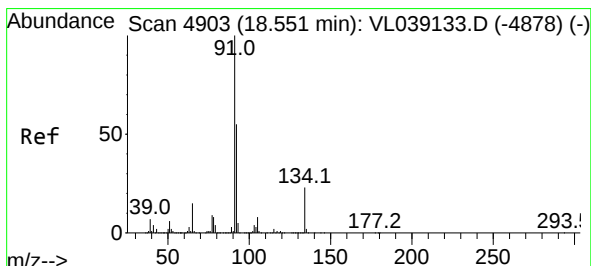
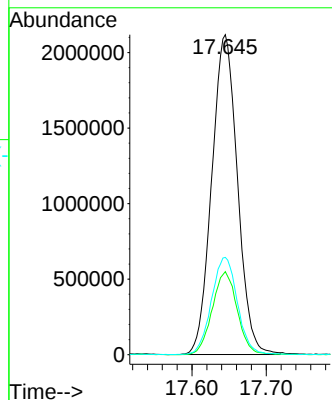
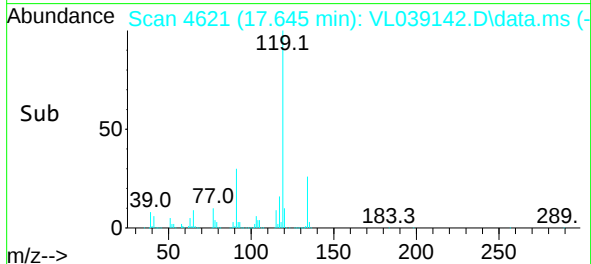
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



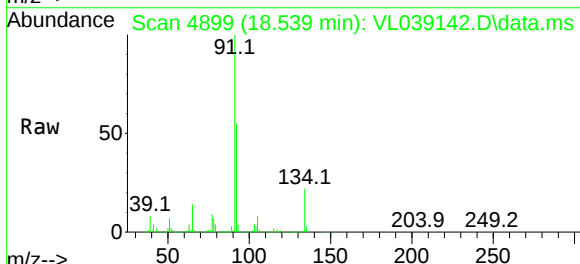
Tgt Ion: 119 Resp: 5090089
Ion Ratio Lower Upper
119 100
134 25.3 20.4 30.6
91 30.6 24.2 36.4

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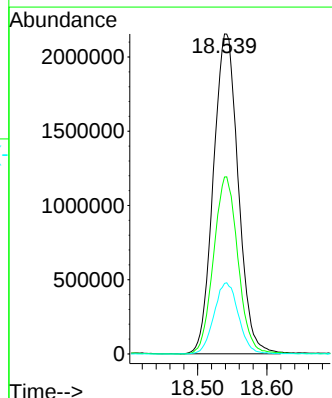
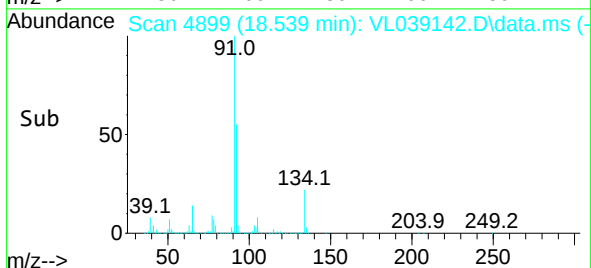
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

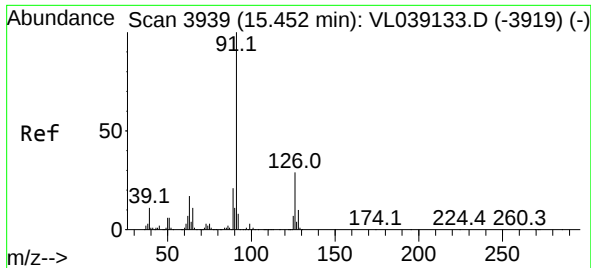


#70
n-Butylbenzene
Concen: 10.336 ppbv
RT: 18.539 min Scan# 4899
Delta R.T. -0.013 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34



Tgt Ion: 91 Resp: 5370284
Ion Ratio Lower Upper
91 100
92 54.6 43.6 65.4
134 22.0 17.7 26.5





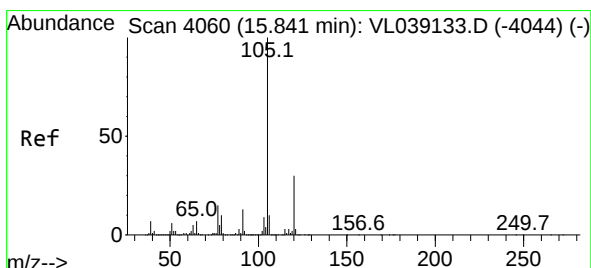
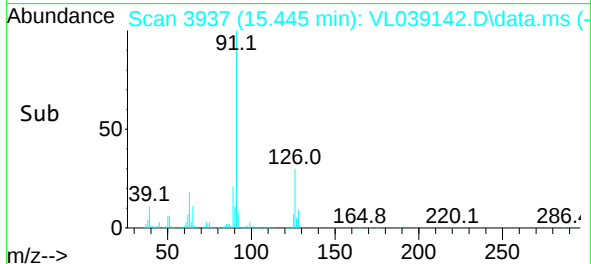
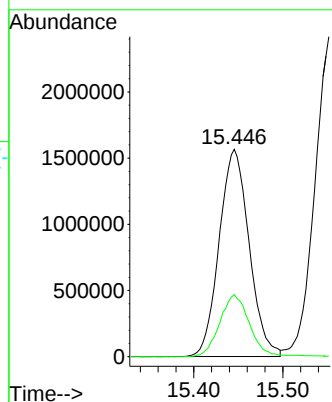
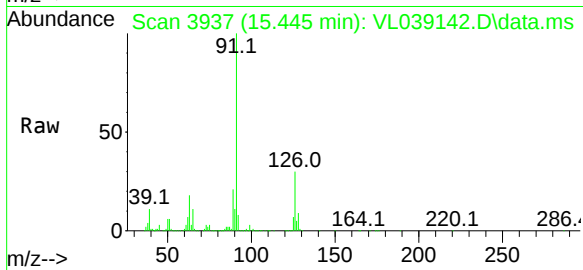
#71
2-Chlorotoluene
Concen: 9.974 ppbv
RT: 15.445 min Scan# 3919
Delta R.T. -0.006 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 3657514
Ion Ratio Lower Upper
91 100
126 30.3 12.2 48.6

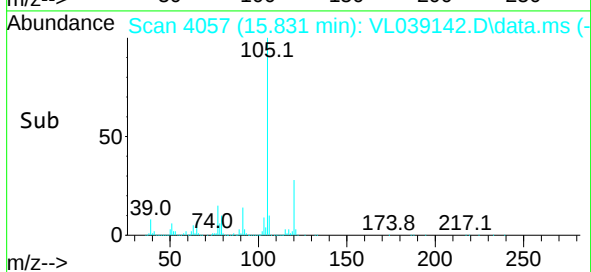
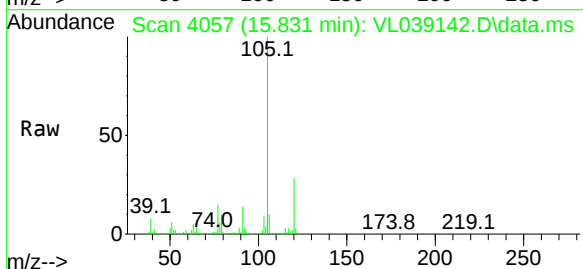
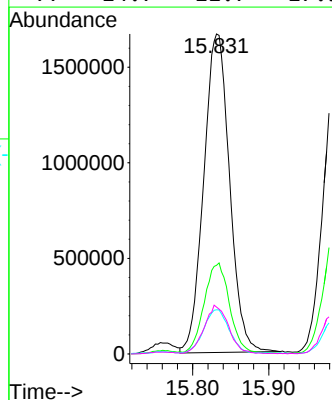
Manual Integrations
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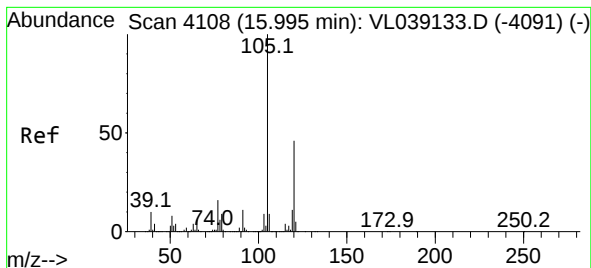
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022



#72
4-Ethyltoluene
Concen: 10.364 ppbv
RT: 15.831 min Scan# 4057
Delta R.T. -0.010 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

Tgt Ion:105 Resp: 3930092
Ion Ratio Lower Upper
105 100
120 28.4 23.9 35.9
91 13.7 10.6 16.0
77 14.7 11.7 17.5





#73

1,3,5-Trimethylbenzene

Concen: 10.371 ppbv

RT: 15.989 min Scan# 4108

Delta R.T. -0.006 min

Lab File: VL039142.D

Acq: 1 Jun 2022 9:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:105 Resp: 3547109

Ion Ratio Lower Upper

105 100

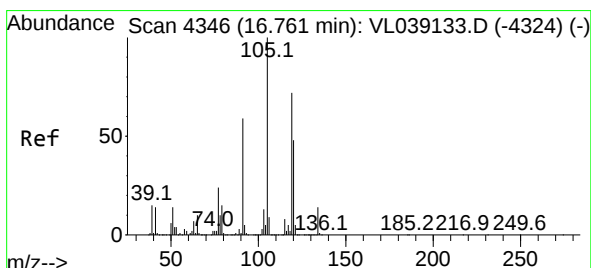
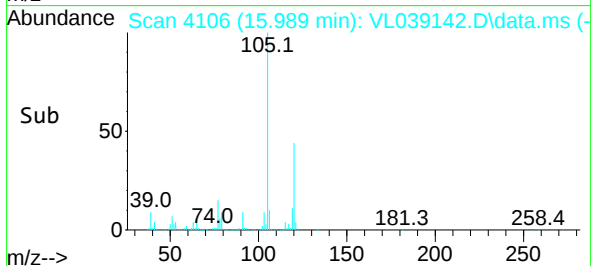
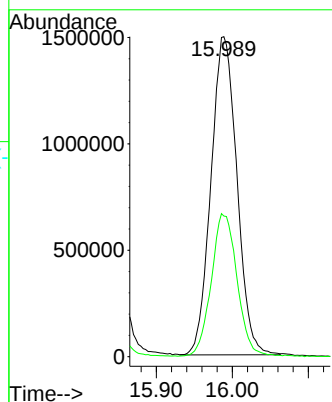
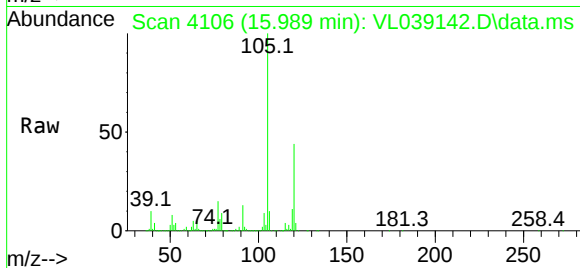
120 44.0 36.7 55.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2022

Supervised By :Mahesh Dadoda 06/06/2022



#74

1,2,4-Trimethylbenzene

Concen: 10.124 ppbv

RT: 16.754 min Scan# 4344

Delta R.T. -0.006 min

Lab File: VL039142.D

Acq: 1 Jun 2022 9:34

Tgt Ion:105 Resp: 3864170

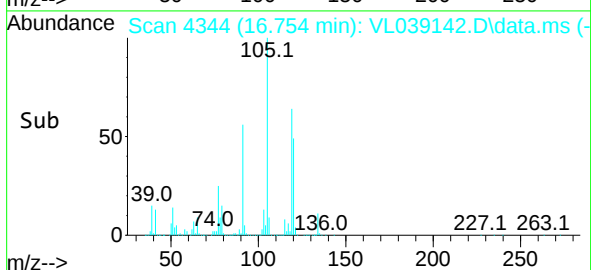
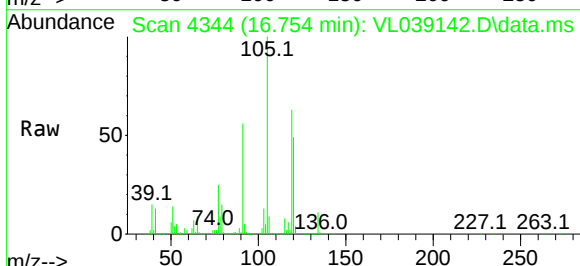
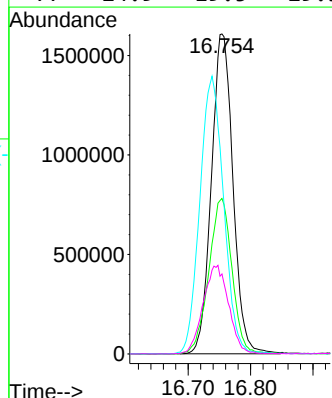
Ion Ratio Lower Upper

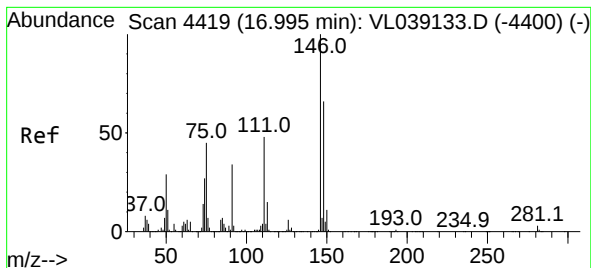
105 100

120 48.5 38.1 57.1

91 55.5 47.4 71.0

77 24.9 19.5 29.3





#75

1,3-Dichlorobenzene

Concen: 10.280 ppbv

RT: 16.986 min Scan# 4419

Delta R.T. -0.010 min

Lab File: VL039142.D

Acq: 1 Jun 2022 9:34

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 222079

Ion Ratio Lower Upper

146 100

111 47.6 23.8 71.4

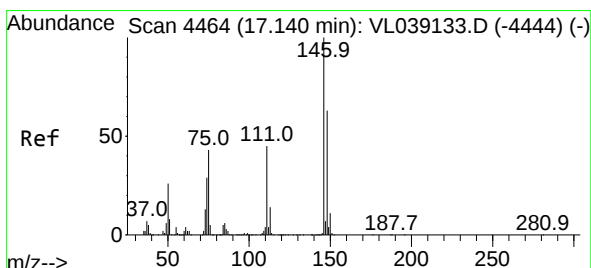
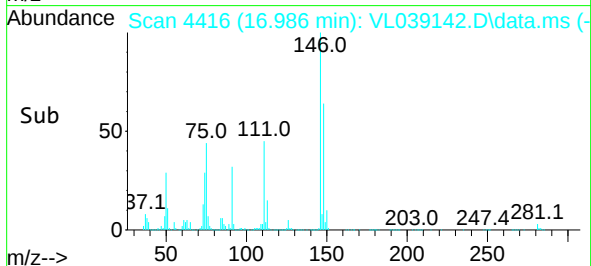
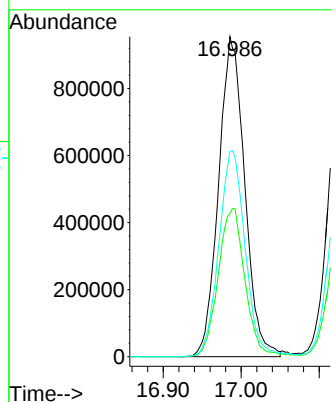
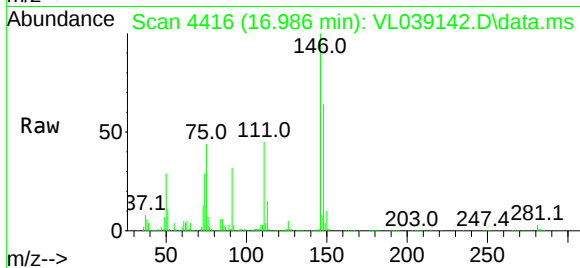
148 65.0 32.4 97.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 06/06/2022

Supervised By :Mahesh Dadoda 06/06/2022



#76

1,4-Dichlorobenzene

Concen: 9.952 ppbv

RT: 17.127 min Scan# 4460

Delta R.T. -0.013 min

Lab File: VL039142.D

Acq: 1 Jun 2022 9:34

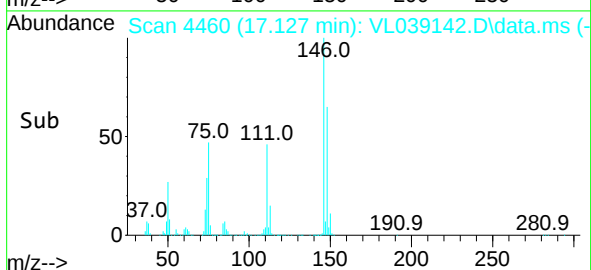
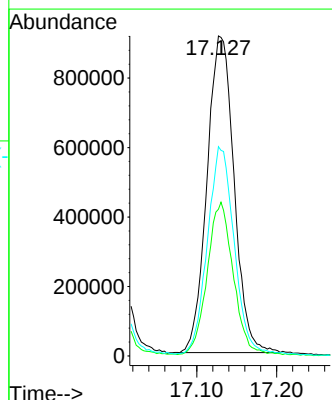
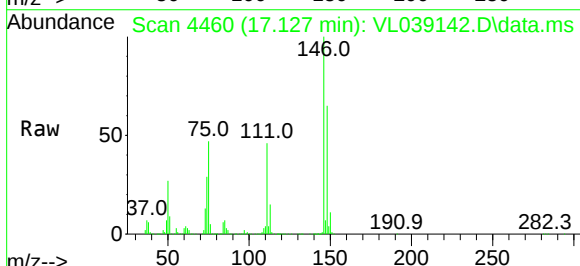
Tgt Ion:146 Resp: 2145061

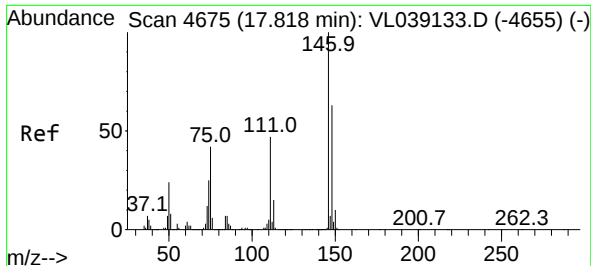
Ion Ratio Lower Upper

146 100

111 47.6 23.6 71.0

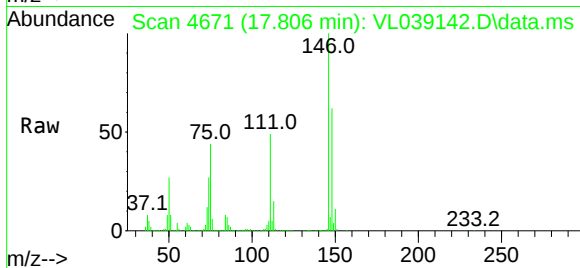
148 66.8 33.7 101.0





#77
1,2-Dichlorobenzene
Concen: 9.948 ppbv
RT: 17.806 min Scan# 401
Delta R.T. -0.013 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

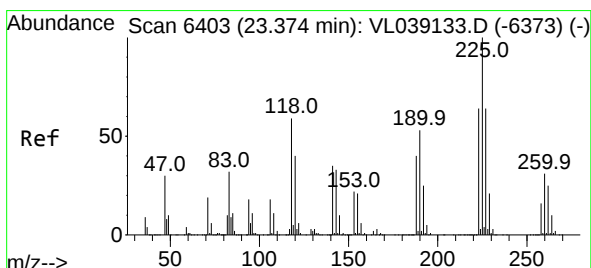
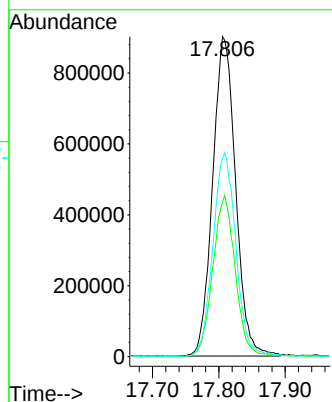
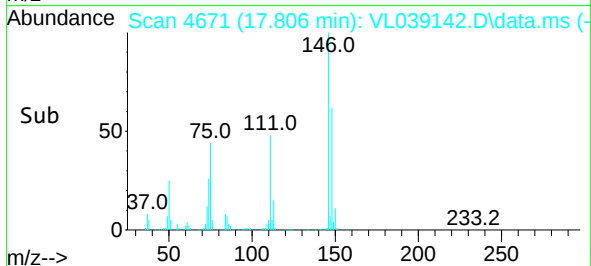
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



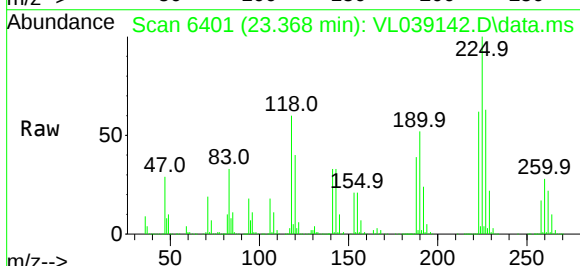
Tgt Ion:146 Resp: 216594
Ion Ratio Lower Upper
146 100
111 49.7 24.4 73.4
148 64.3 32.1 96.5

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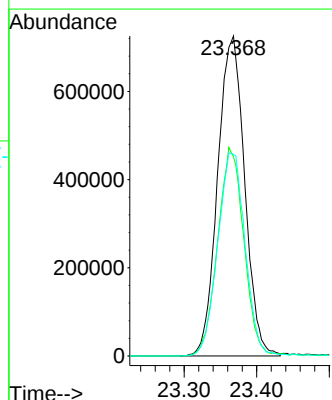
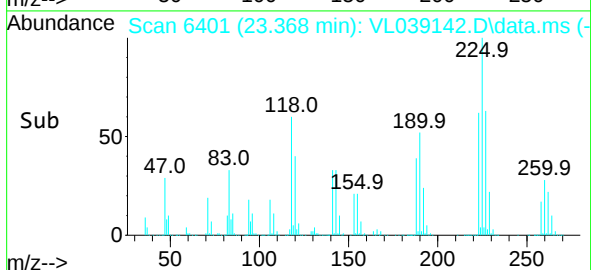
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

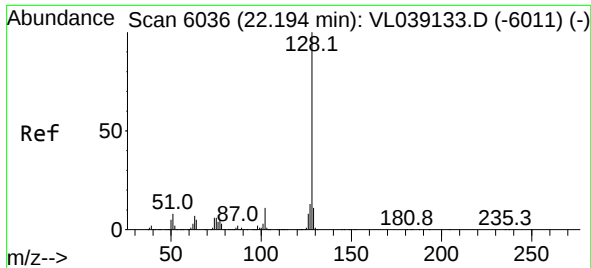


#78
Hexachloro-1,3-Butadiene
Concen: 9.399 ppbv
RT: 23.368 min Scan# 6401
Delta R.T. -0.006 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34



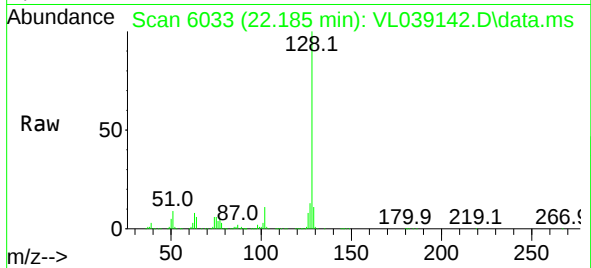
Tgt Ion:225 Resp: 1871414
Ion Ratio Lower Upper
225 100
223 64.2 51.4 77.0
227 65.0 50.6 75.8





#79
Naphthalene
Concen: 11.801 ppbv
RT: 22.185 min Scan# 6033
Delta R.T. -0.010 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34

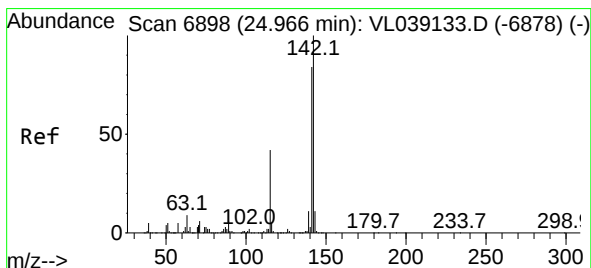
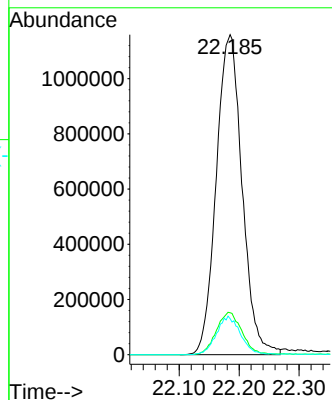
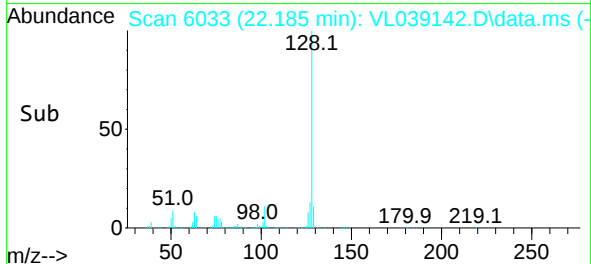
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



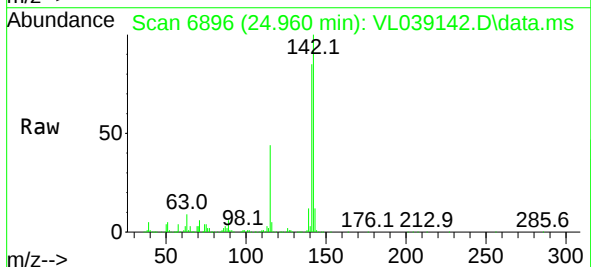
Tgt Ion:128 Resp: 346739
Ion Ratio Lower Upper
128 100
127 13.1 10.4 15.6
129 11.2 9.0 13.6

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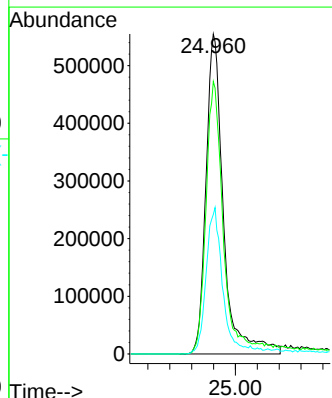
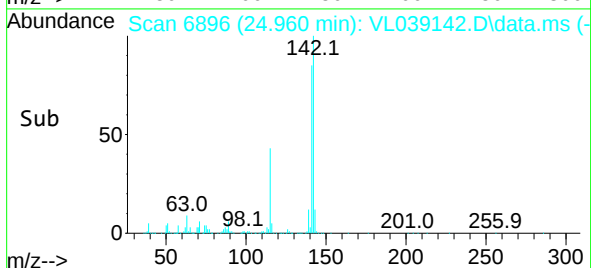
Reviewed By :Semsettin Yesilyurt 06/06/2022
Supervised By :Mahesh Dadoda 06/06/2022

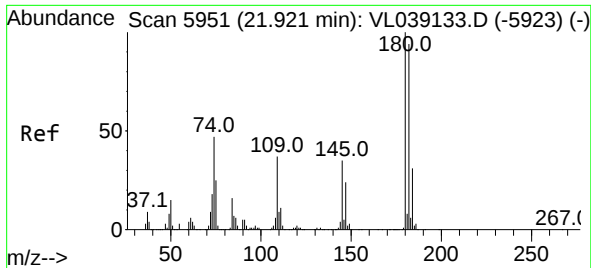


#80
Naphthalene,2-methyl-
Concen: 11.257 ppbv
RT: 24.960 min Scan# 6896
Delta R.T. -0.006 min
Lab File: VL039142.D
Acq: 1 Jun 2022 9:34



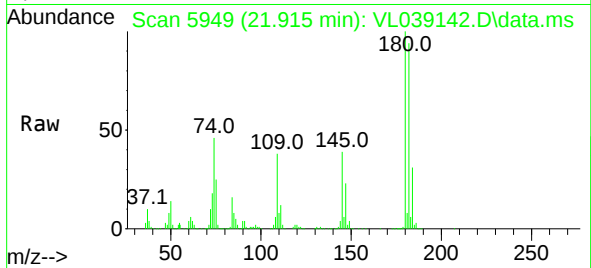
Tgt Ion:142 Resp: 1228805
Ion Ratio Lower Upper
142 100
141 90.0 64.6 96.8
115 45.0 32.7 49.1





#81
 1,2,4-Trichlorobenzene
 Concen: 10.538 ppbv
 RT: 21.915 min Scan# 5949
 Delta R.T. -0.006 min
 Lab File: VL039142.D
 Acq: 1 Jun 2022 9:34

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion:180 Resp: 1961611
 Ion Ratio Lower Upper
 180 100
 182 97.1 0.0 0.0
 184 30.6 0.0 0.0

Manual Integrations
 APPROVED

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

