

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL062922\
 Data File : VL039417.D
 Acq On : 30 Jun 2022 9:50
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

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

Quant Time: Jul 01 08:02:23 2022

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

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

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

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.652	49	1254466	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.157	114	3501898	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.063	117	3294153m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.391 95 2411198 9.867 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 98.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.044	85	1747177	9.656	ppbv	96
3) Chlorodifluoromethane	2.983	51	1499459	9.421	ppbv	98
4) Chloromethane	3.134	50	847484	9.736	ppbv	99
5) Vinyl Chloride	3.253	62	791883	9.226	ppbv	96
6) Bromomethane	3.469	94	348774	9.655	ppbv	99
7) Chloroethane	3.552	64	293982	9.629	ppbv	100
8) Dichlorotetrafluoroethane	3.182	85	1921314	9.720	ppbv	96
9) Propene	3.006	41	705083	9.810	ppbv	99
10) Heptane	8.105	43	1794221	10.658	ppbv	100
11) Trichlorofluoromethane	3.941	101	1854445	9.197	ppbv	99
12) 1,1,2-Trichlorotrifluoro...	4.475	101	1393657	9.272	ppbv	99
13) Ethanol	3.594	45	39066	9.368	ppbv	81
14) Bromoethene	3.732	108	584641	9.252	ppbv	98
15) Acetone	3.838	43	1392606	9.383	ppbv	98
16) 1,3-Butadiene	3.321	39	782703	10.164	ppbv	100
17) tert-Butyl alcohol	4.269	59	1273851	10.113	ppbv	100
18) 1,1-Dichloroethene	4.279	96	636435	9.346	ppbv	99
19) Isopropyl Alcohol	3.951	45	769422	9.719	ppbv #	98
20) Methylene Chloride	4.333	84	517923	8.755	ppbv	96
21) Allyl Chloride	4.401	41	1012556	9.851	ppbv	97
22) trans-1,2-Dichloroethene	4.870	96	660527	10.021	ppbv	96
23) Vinyl Acetate	5.057	43	1069154	10.780	ppbv	99
24) 1,1-Dichloroethane	4.996	63	1299902	9.280	ppbv	99
25) Ethyl Acetate	5.658	43	3151786	10.357	ppbv	99
26) Hexane	5.674	57	1375613	11.214	ppbv	96
27) Carbon Disulfide	4.539	76	1513056	10.219	ppbv	100
28) Methyl tert-Butyl Ether	5.018	73	1209867	9.225	ppbv	97
29) Chloroform	5.735	83	1990175	9.330	ppbv	96
30) Cyclohexane	7.115	84	1156536	10.356	ppbv	100
31) cis-1,2-Dichloroethene	5.533	61	1326582	10.192	ppbv	98
32) 1,1,1-Trichloroethane	6.497	97	1942050	9.224	ppbv	99
34) 2-Butanone	5.227	43	1833263	10.400	ppbv	100
35) Carbon Tetrachloride	6.999	117	2062035	9.529	ppbv	98
36) Benzene	6.874	78	2794339	10.310	ppbv	97
37) 1,2-Dichloroethane	6.288	62	1517943	9.489	ppbv	99
38) Trichloroethene	7.819	130	1440913	9.830	ppbv	98
39) 1,2-Dichloropropane	7.594	63	1050255	10.373	ppbv	97
40) 1,4-Dioxane	7.809	88	392105	9.718	ppbv #	1
41) Tetrahydrofuran	6.031	42	1127623	11.039	ppbv	99
42) Bromodichloromethane	7.771	83	2160858	10.018	ppbv	99
43) Methyl Methacrylate	7.996	69	1120737	10.875	ppbv	98
44) 2,2,4-Trimethylpentane	7.851	57	4703112	10.240	ppbv	99
45) t-1,3-Dichloropropene	9.256	75	1101828	12.008	ppbv	97

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

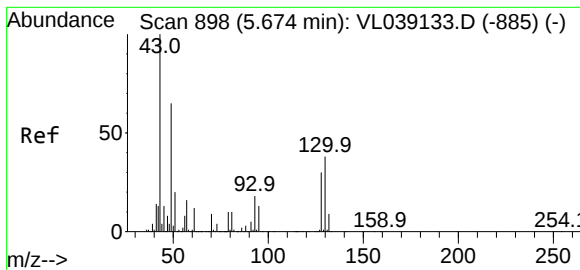
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Jun 30 2022

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

Response via : Initial Calibration

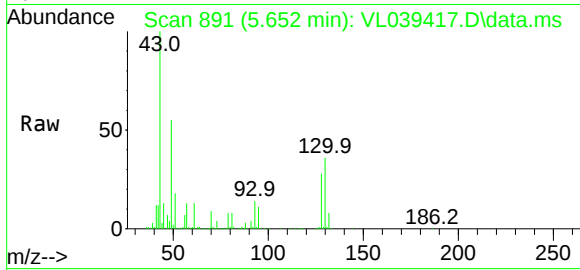
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.684	75	1444200	11.435	ppbv	97
47) 1,1,2-Trichloroethane	9.455	97	1144219	10.072	ppbv	99
48) Dibromochloromethane	10.282	129	1917342	10.618	ppbv	100
49) Bromoform	13.018	173	1592887	10.935	ppbv	100
50) 4-Methyl-2-Pentanone	8.719	43	2942535	11.039	ppbv	99
51) 2-Hexanone	10.108	43	2318973	11.502	ppbv #	100
52) Tetrachloroethene	11.201	164	1065402	9.765	ppbv	98
53) Toluene	9.783	91	3344081	10.697	ppbv	99
54) 1,2-Dibromoethane	10.590	107	1478581	10.460	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.105	131	1409286	9.684	ppbv	97
57) Chlorobenzene	12.124	112	2489722	9.749	ppbv	98
58) Ethyl Benzene	12.687	91	4377427	10.291	ppbv	99
59) m/p-Xylene	12.973	91	7492173m	19.979	ppbv	
60) o-Xylene	13.668	91	3603386	10.148	ppbv	99
61) Styrene	13.504	104	2162417	11.242	ppbv	100
62) Isopropylbenzene	14.645	105	5267186	9.740	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.651	83	1744573	9.373	ppbv	99
64) n-propylbenzene	15.539	120	1405476	10.254	ppbv	99
65) tert-Butylbenzene	16.719	119	4807376	9.620	ppbv	99
66) Benzyl Chloride	16.963	91	504446	10.623	ppbv	100
67) sec-Butylbenzene	17.269	105	6610740	9.822	ppbv	100
69) p-Isopropyltoluene	17.626	119	5666426	9.922	ppbv	100
70) n-Butylbenzene	18.526	91	5575046	10.058	ppbv	100
71) 2-Chlorotoluene	15.430	91	3918510	10.125	ppbv	100
72) 4-Ethyltoluene	15.812	105	4310988	10.326	ppbv	100
73) 1,3,5-Trimethylbenzene	15.970	105	3930505	10.250	ppbv	97
74) 1,2,4-Trimethylbenzene	16.738	105	4204272	9.911	ppbv	99
75) 1,3-Dichlorobenzene	16.970	146	2509025	9.916	ppbv	100
76) 1,4-Dichlorobenzene	17.114	146	2426724	9.676	ppbv	100
77) 1,2-Dichlorobenzene	17.790	146	2450706	9.771	ppbv	100
78) Hexachloro-1,3-Butadiene	23.349	225	1723682	8.545	ppbv	99
79) Naphthalene	22.166	128	3428532	11.745	ppbv	98
80) Naphthalene,2-methyl-	24.947	142	1195449	12.032	ppbv	94
81) 1,2,4-Trichlorobenzene	21.895	180	1978020	10.403	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.652 min Scan# 89
Delta R.T. 0.000 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

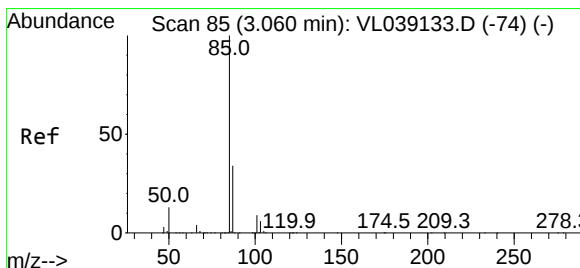
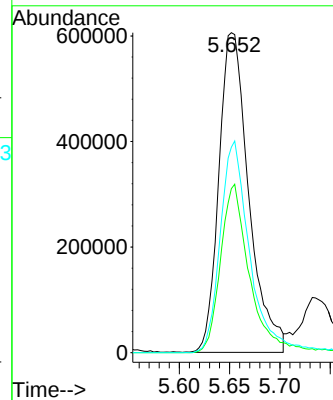
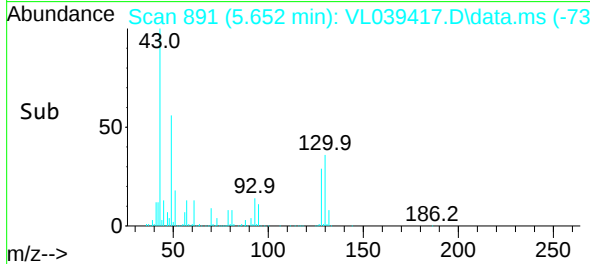
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



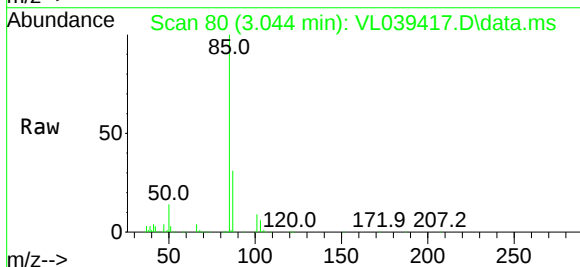
Tgt Ion: 49 Resp: 125446
Ion Ratio Lower Upper
49 100
128 52.5 26.7 80.0
130 67.3 34.3 102.8

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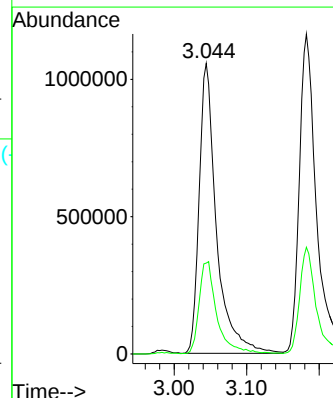
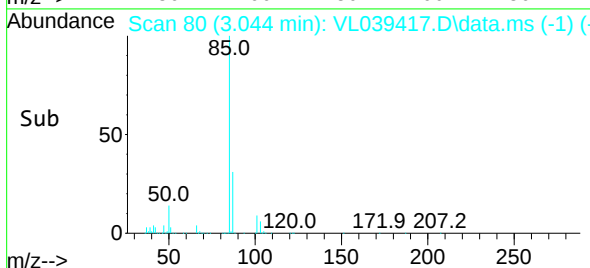
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

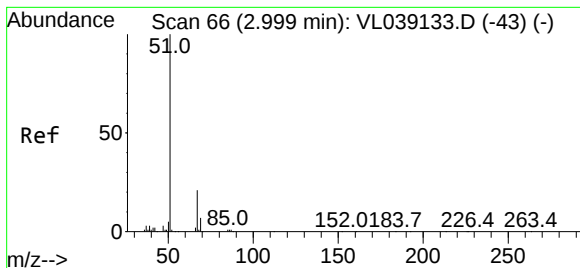


#2
Dichlorodifluoromethane
Concen: 9.656 ppbv
RT: 3.044 min Scan# 80
Delta R.T. 0.003 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50



Tgt Ion: 85 Resp: 1747177
Ion Ratio Lower Upper
85 100
87 31.2 26.7 40.1





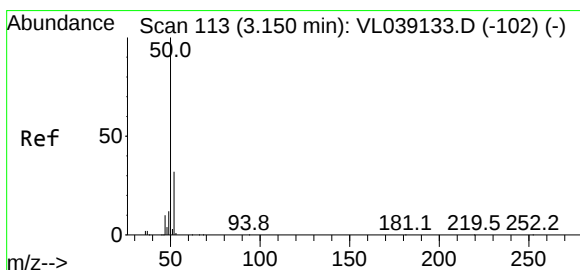
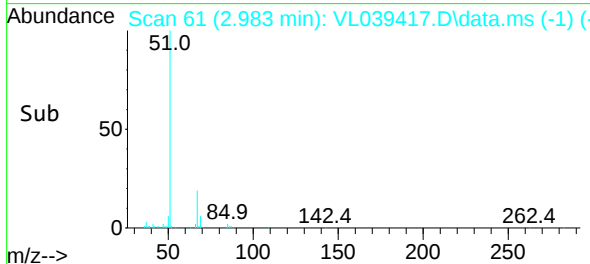
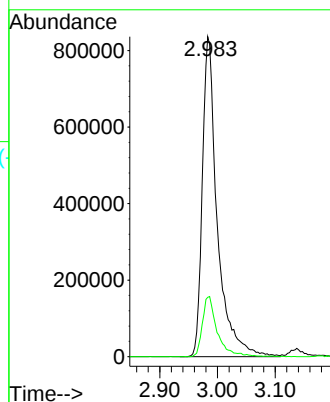
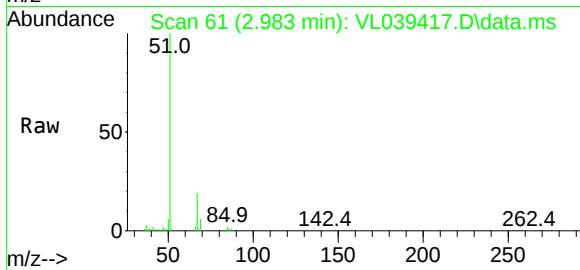
#3
Chlorodifluoromethane
Concen: 9.421 ppbv
RT: 2.983 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 51 Resp: 1499459
Ion Ratio Lower Upper
51 100
67 18.9 15.7 23.5

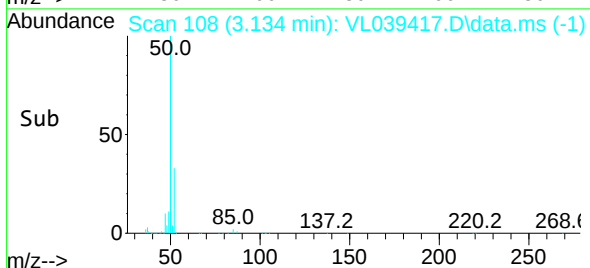
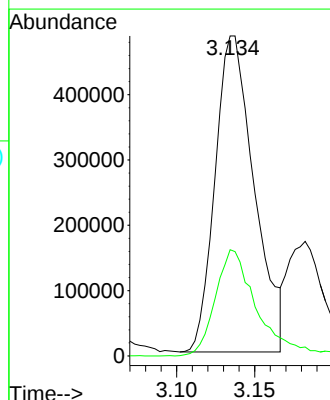
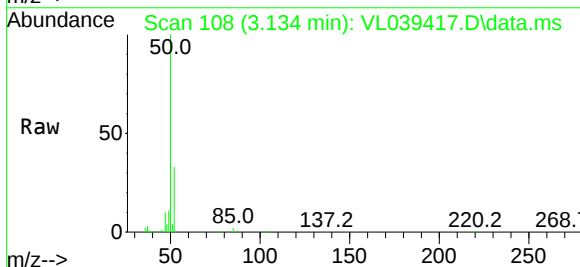
Manual Integrations
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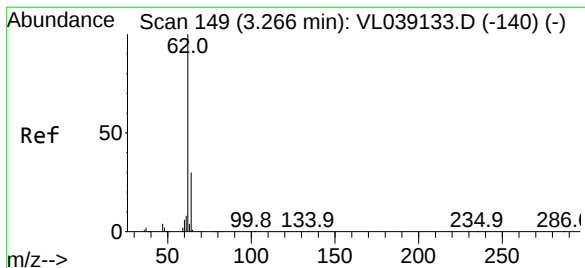
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#4
Chloromethane
Concen: 9.736 ppbv
RT: 3.134 min Scan# 108
Delta R.T. 0.003 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

Tgt Ion: 50 Resp: 847484
Ion Ratio Lower Upper
50 100
52 33.5 26.5 39.7





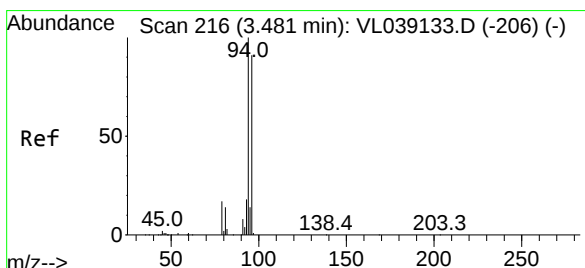
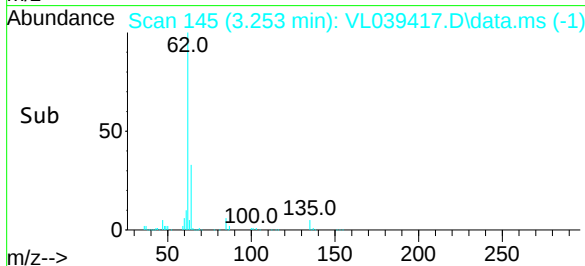
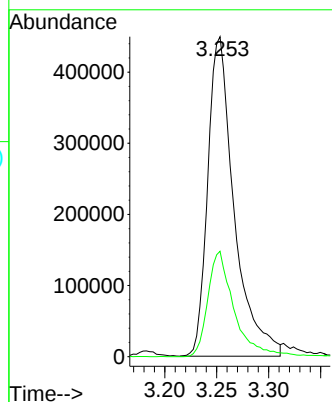
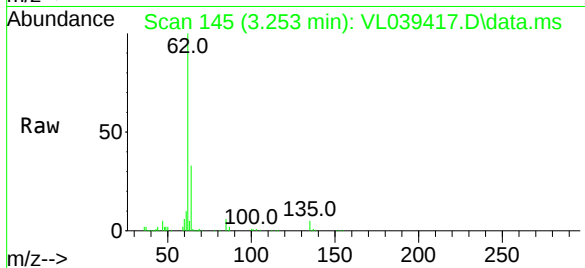
#5
 Vinyl Chloride
 Concen: 9.226 ppbv
 RT: 3.253 min Scan# 149
 Delta R.T. 0.007 min
 Lab File: VL039417.D
 Acq: 30 Jun 2022 9:50

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 62 Resp: 79188
 Ion Ratio Lower Upper
 62 100
 64 33.0 24.6 36.8

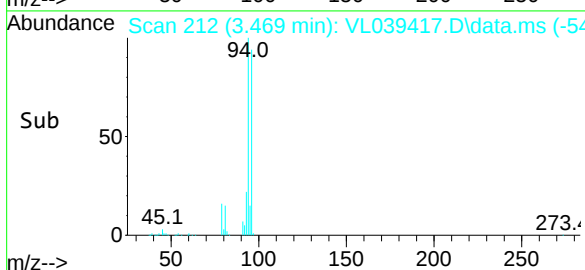
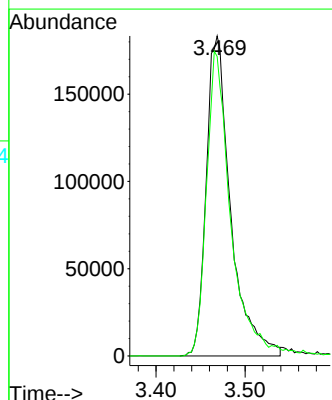
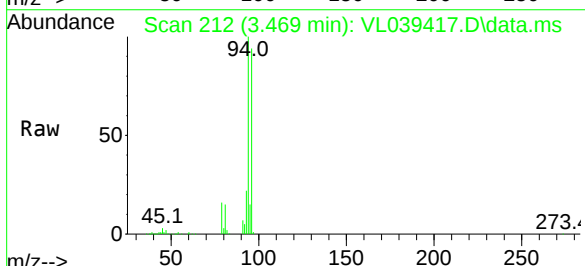
Manual Integrations
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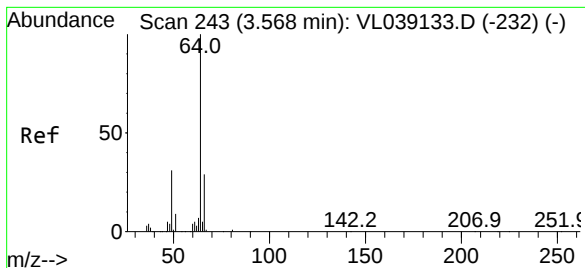
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022



#6
 Bromomethane
 Concen: 9.655 ppbv
 RT: 3.469 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VL039417.D
 Acq: 30 Jun 2022 9:50

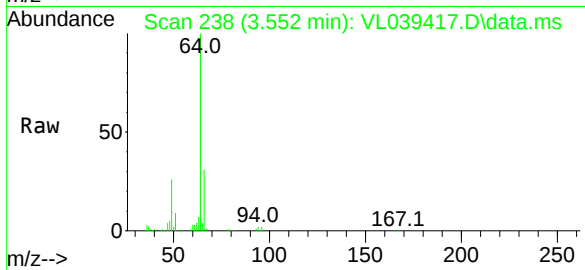
Tgt Ion: 94 Resp: 348774
 Ion Ratio Lower Upper
 94 100
 96 93.6 75.6 113.4





#7
Chloroethane
Concen: 9.629 ppbv
RT: 3.552 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

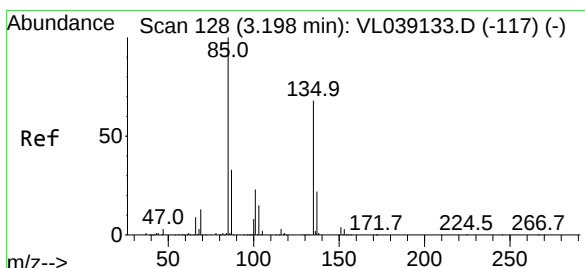
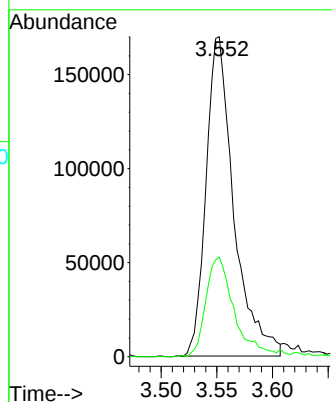
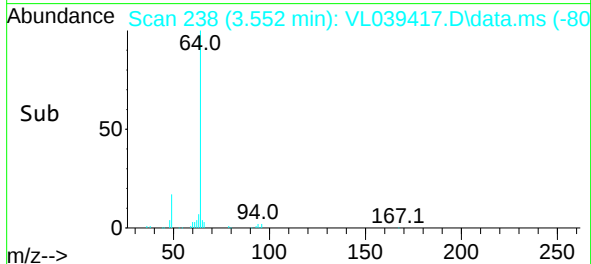
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 29398
Ion Ratio Lower Upper
64 100
66 31.2 24.7 37.1

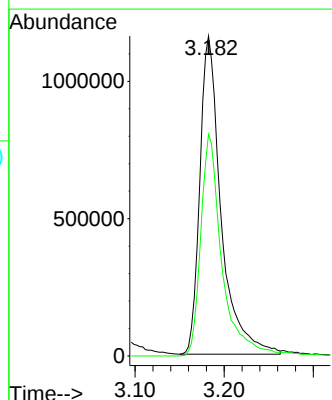
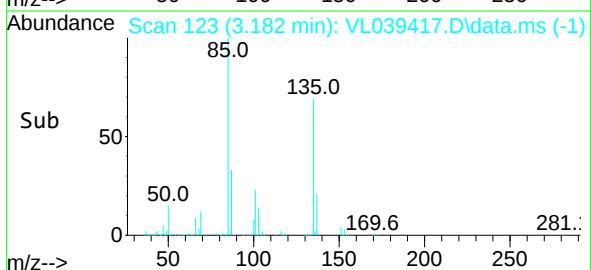
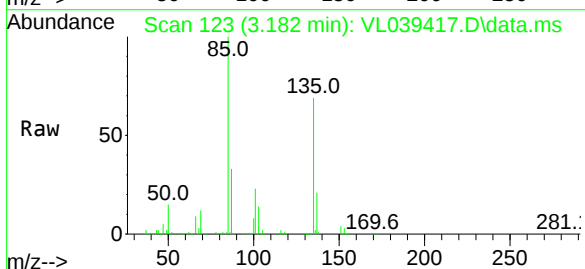
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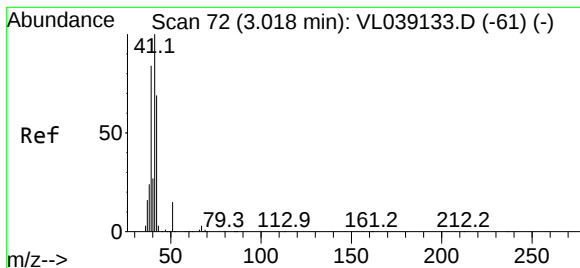
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#8
Dichlorotetrafluoroethane
Concen: 9.720 ppbv
RT: 3.182 min Scan# 123
Delta R.T. 0.003 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

Tgt Ion: 85 Resp: 1921314
Ion Ratio Lower Upper
85 100
135 70.3 59.0 88.4





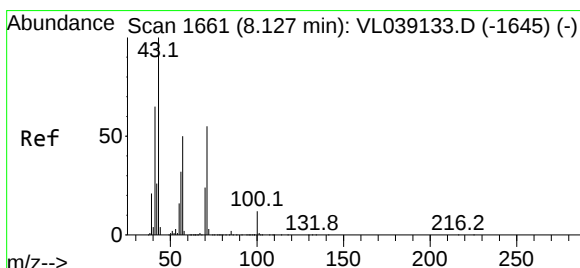
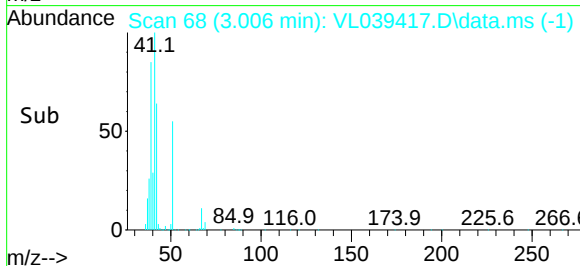
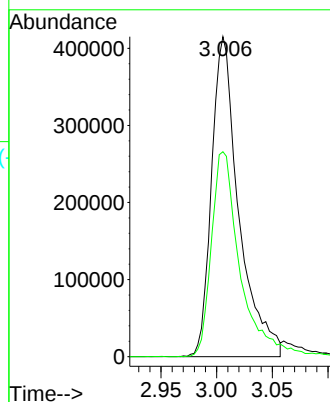
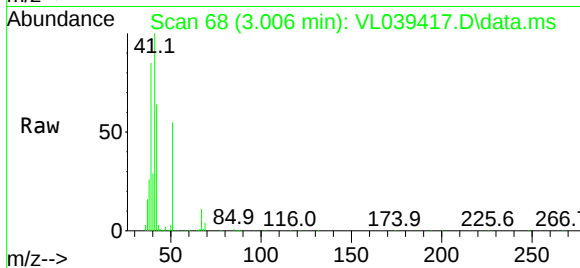
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 Propene
 Concen: 9.810 ppbv
 RT: 3.006 min Scan# 61
 Delta R.T. 0.003 min
 Lab File: VL039417.D
 Acq: 30 Jun 2022 9:50

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 70508
 Ion Ratio Lower Upper
 41 100
 42 68.5 55.2 82.8

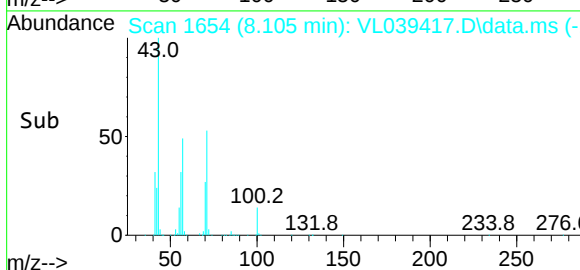
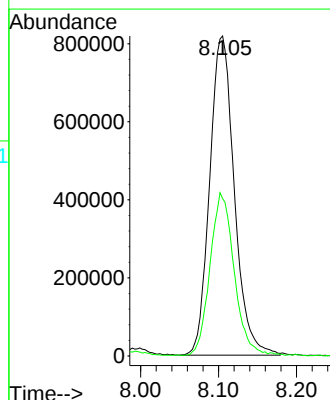
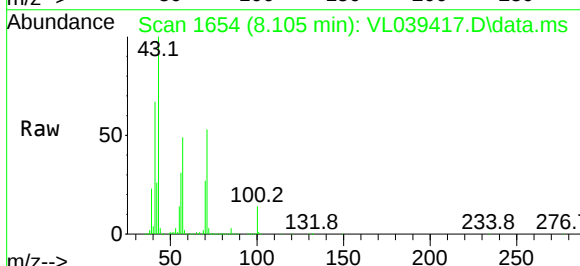
Manual Integrations
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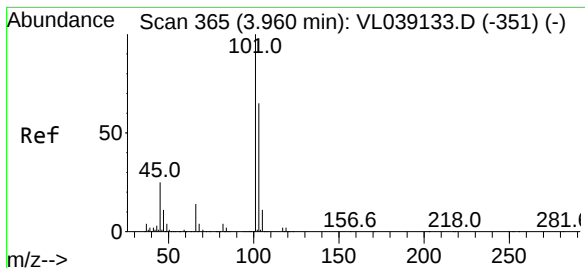
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022



#10
 Heptane
 Concen: 10.658 ppbv
 RT: 8.105 min Scan# 1654
 Delta R.T. 0.000 min
 Lab File: VL039417.D
 Acq: 30 Jun 2022 9:50

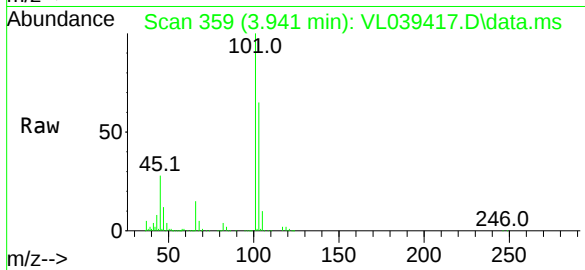
Tgt Ion: 43 Resp: 1794221
 Ion Ratio Lower Upper
 43 100
 57 50.6 40.5 60.7





#11
Trichlorofluoromethane
Concen: 9.197 ppbv
RT: 3.941 min Scan# 301
Delta R.T. 0.003 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

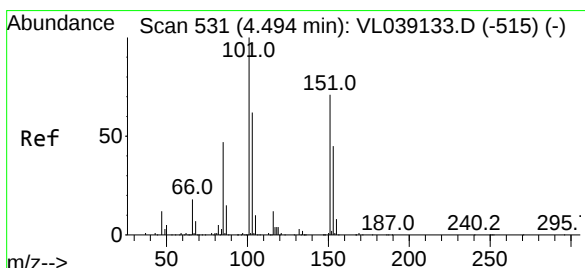
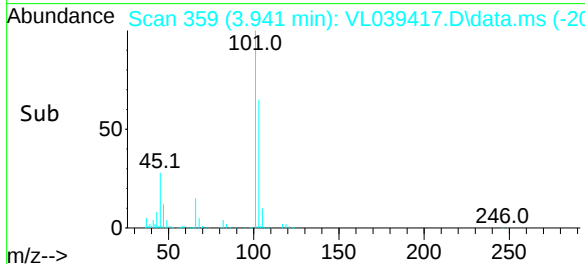
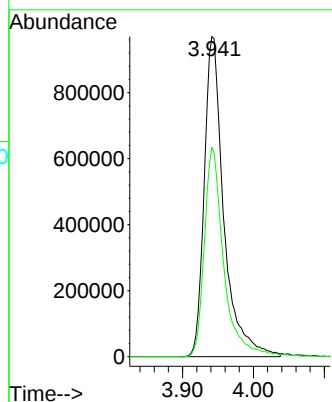
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:101 Resp: 185444
Ion Ratio Lower Upper
101 100
103 65.3 51.8 77.8

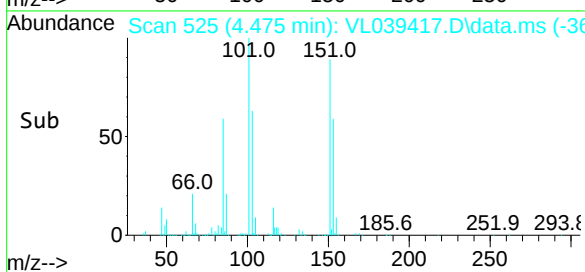
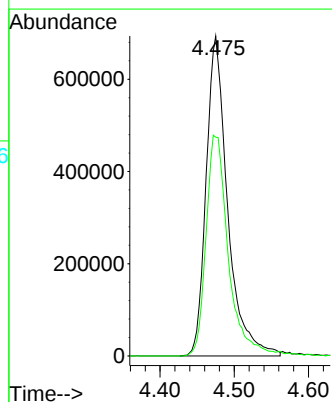
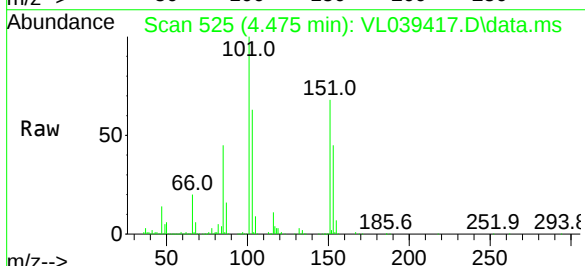
Manual Integrations
APPROVED

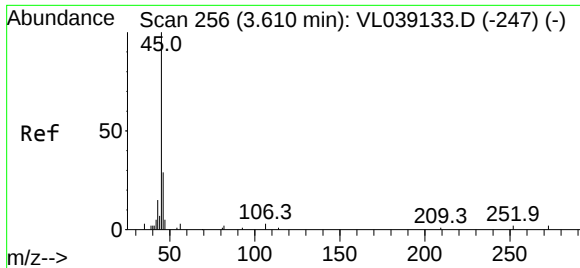
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.272 ppbv
RT: 4.475 min Scan# 525
Delta R.T. 0.003 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

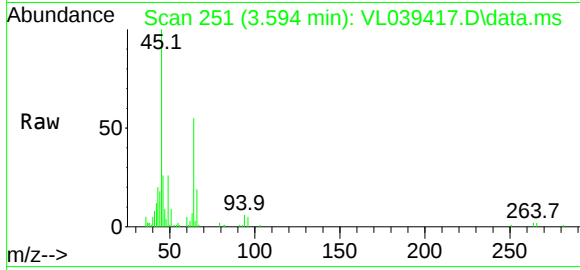
Tgt Ion:101 Resp: 1393657
Ion Ratio Lower Upper
101 100
151 72.5 58.9 88.3





#13
Ethanol
Concen: 9.368 ppbv
RT: 3.594 min Scan# 210
Delta R.T. 0.000 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

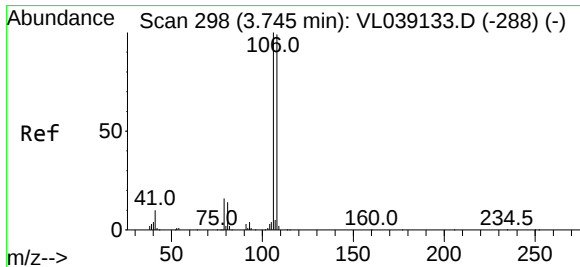
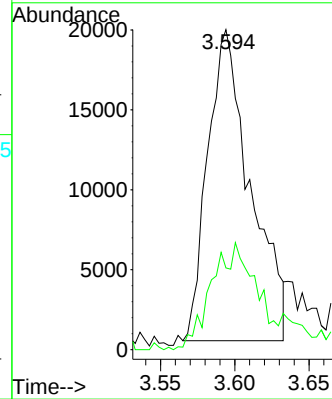
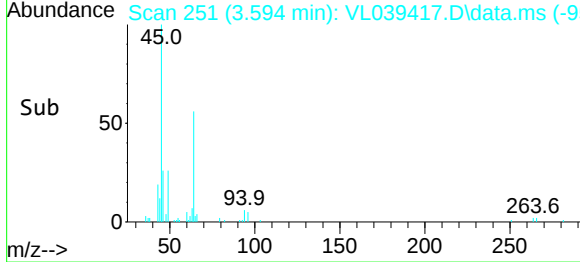
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 3906
Ion Ratio Lower Upper
45 100
46 43.1 22.8 91.2

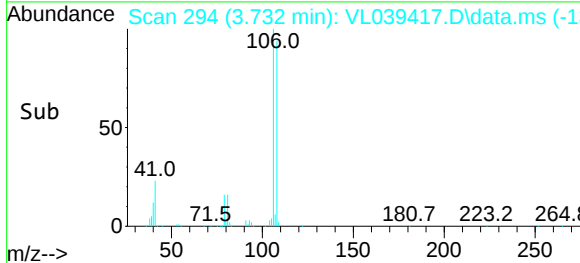
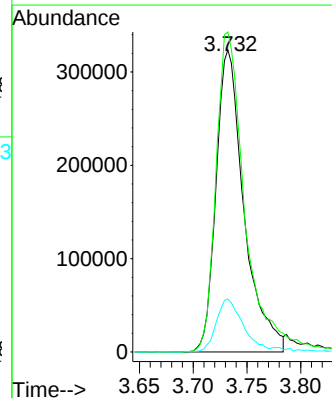
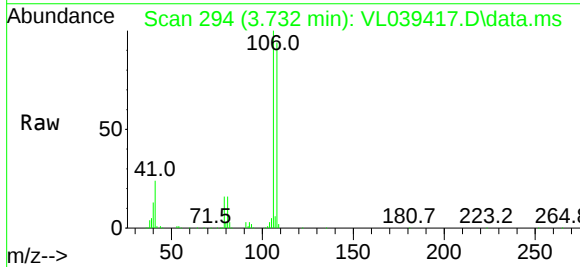
Manual Integrations
APPROVED

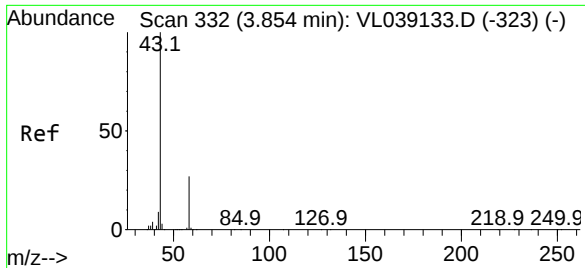
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#14
Bromoethene
Concen: 9.252 ppbv
RT: 3.732 min Scan# 294
Delta R.T. 0.003 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

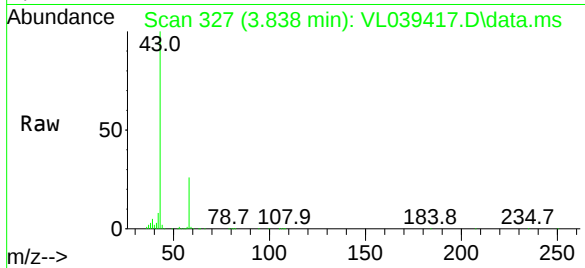
Tgt Ion:108 Resp: 584641
Ion Ratio Lower Upper
108 100
106 111.8 87.1 130.7
79 18.3 14.6 22.0





#15
Acetone
Concen: 9.383 ppbv
RT: 3.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

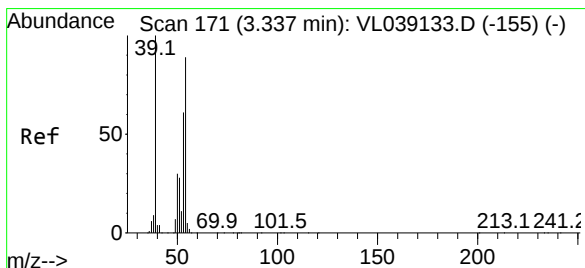
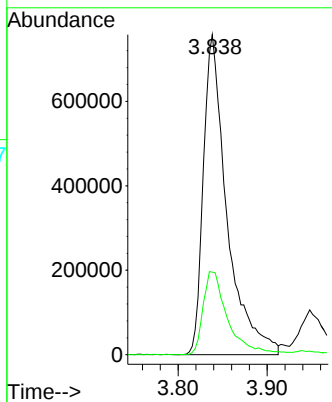
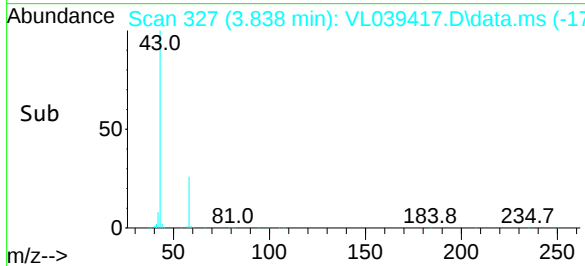
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 1392600
Ion Ratio Lower Upper
43 100
58 27.2 21.0 31.6

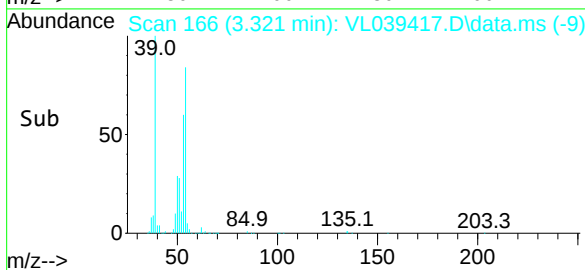
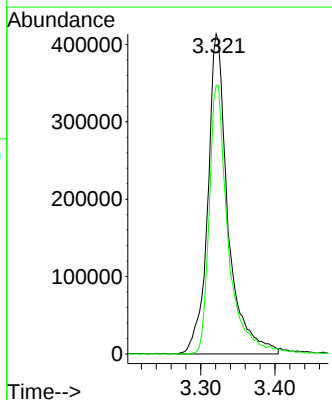
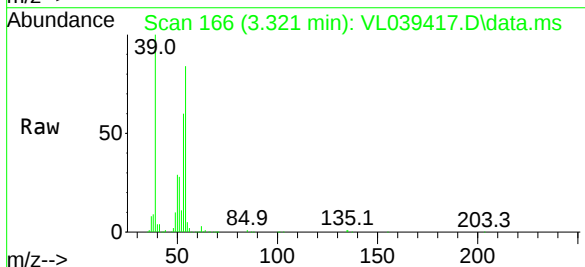
Manual Integrations
APPROVED

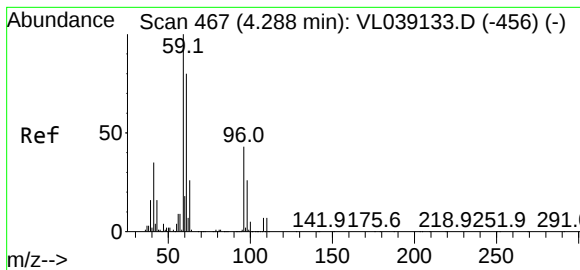
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#16
1,3-Butadiene
Concen: 10.164 ppbv
RT: 3.321 min Scan# 166
Delta R.T. 0.003 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

Tgt Ion: 39 Resp: 782703
Ion Ratio Lower Upper
39 100
54 79.4 63.7 95.5





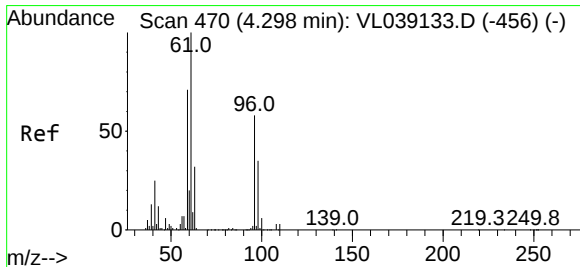
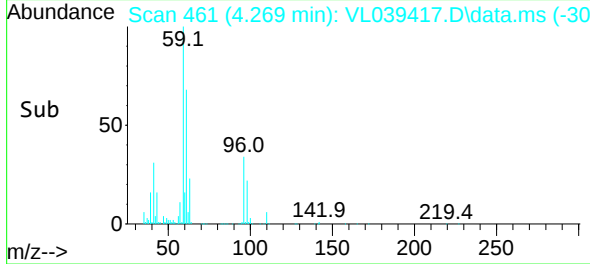
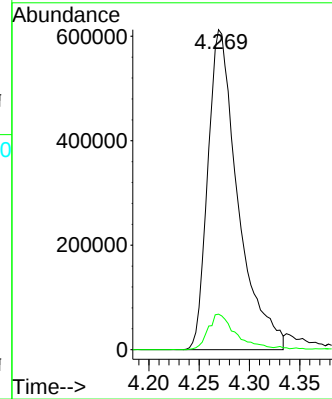
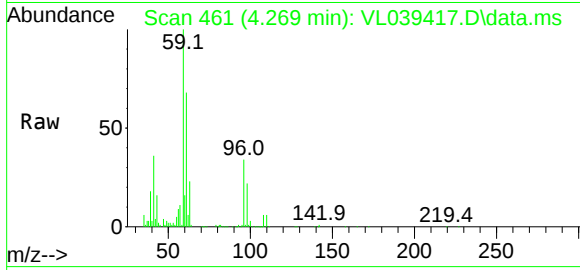
#17
tert-Butyl alcohol
Concen: 10.113 ppbv
RT: 4.269 min Scan# 40
Delta R.T. 0.000 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 127385
Ion Ratio Lower Upper
59 100
57 11.0 8.7 13.1

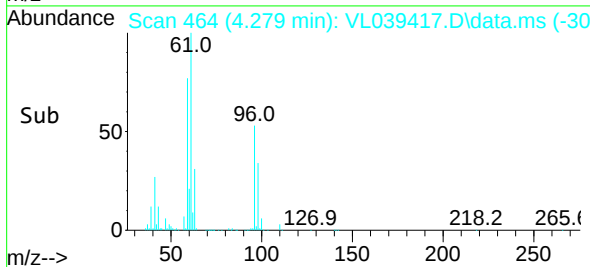
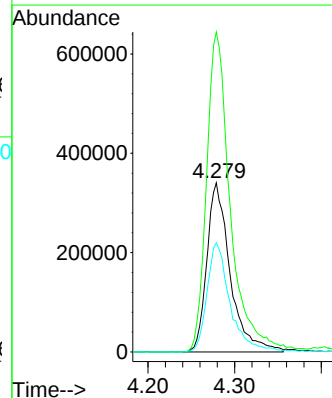
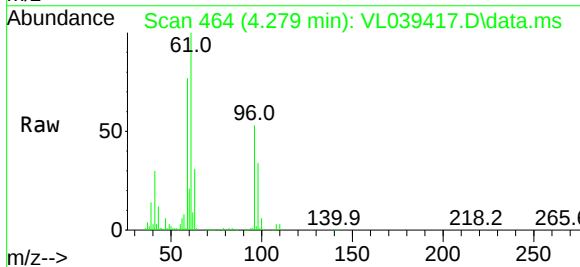
Manual Integrations
APPROVED

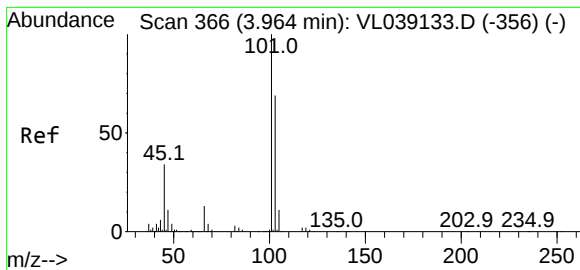
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#18
1,1-Dichloroethene
Concen: 9.346 ppbv
RT: 4.279 min Scan# 464
Delta R.T. 0.000 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

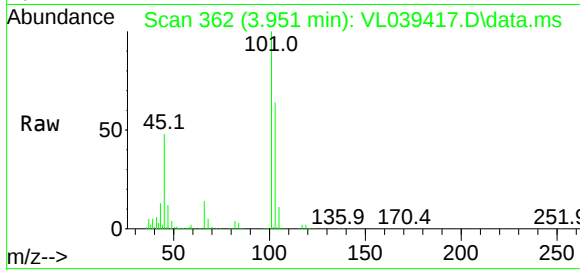
Tgt Ion: 96 Resp: 636435
Ion Ratio Lower Upper
96 100
61 189.1 152.2 228.4
98 64.5 51.8 77.6





#19
Isopropyl Alcohol
Concen: 9.719 ppbv
RT: 3.951 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

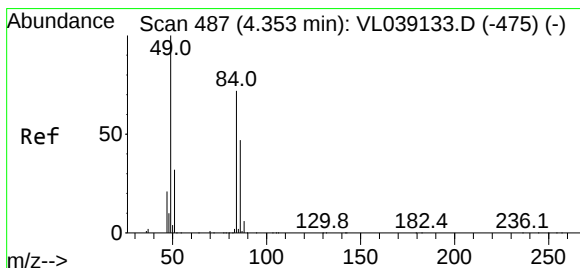
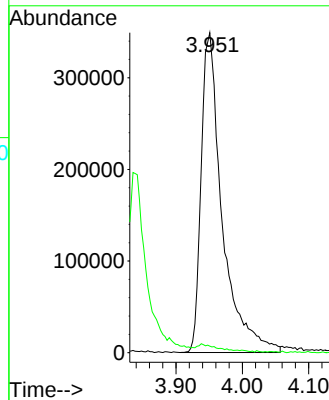
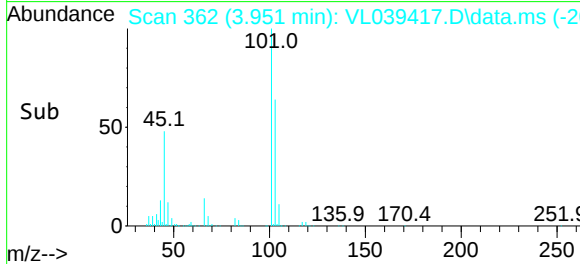
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 76942
Ion Ratio Lower Upper
45 100
58 3.2 3.2 4.8

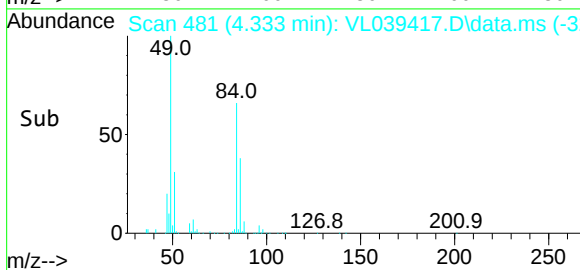
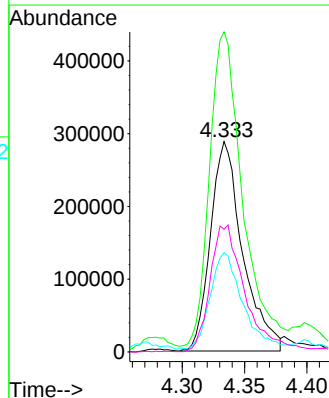
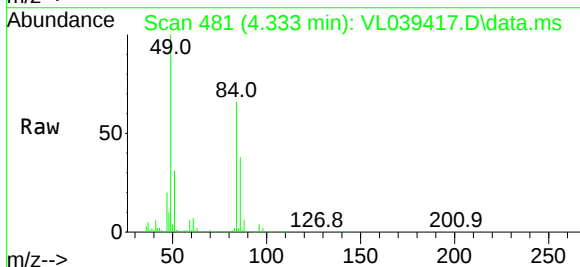
Manual Integrations
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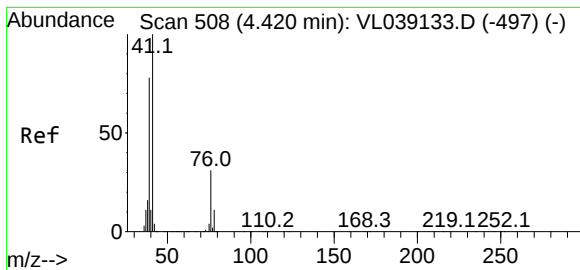
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#20
Methylene Chloride
Concen: 8.755 ppbv
RT: 4.333 min Scan# 481
Delta R.T. 0.003 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

Tgt Ion: 84 Resp: 517923
Ion Ratio Lower Upper
84 100
49 150.1 123.1 184.7
51 46.0 34.4 51.6
86 58.4 51.1 76.7





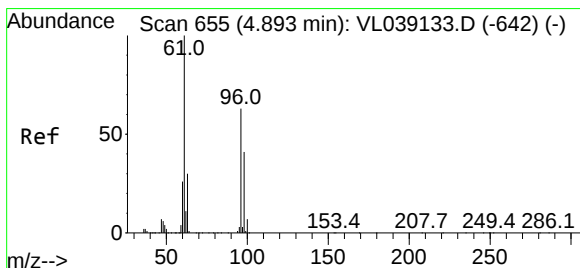
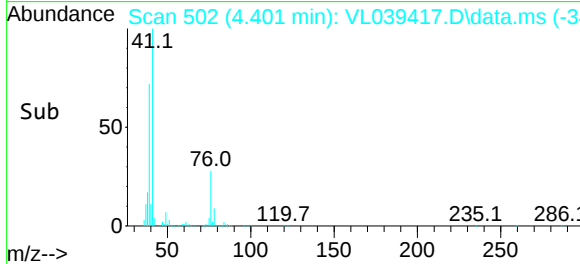
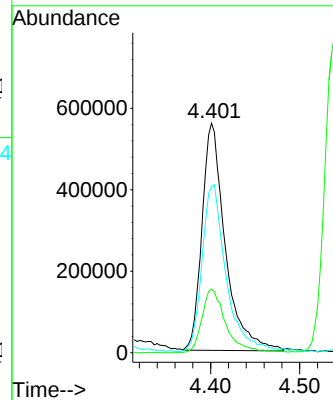
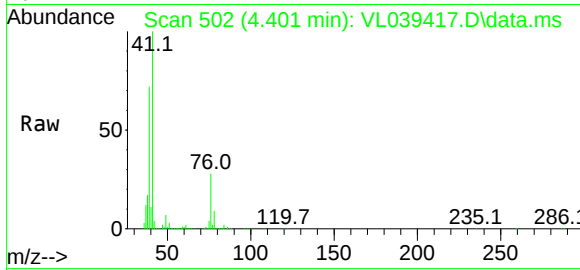
#21
 Allyl Chloride
 Concen: 9.851 ppbv
 RT: 4.401 min Scan# 508
 Delta R.T. 0.003 min
 Lab File: VL039417.D
 Acq: 30 Jun 2022 9:50

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 41 Resp: 1012550
 Ion Ratio Lower Upper
 41 100
 76 28.9 24.4 36.6
 39 76.5 63.5 95.3

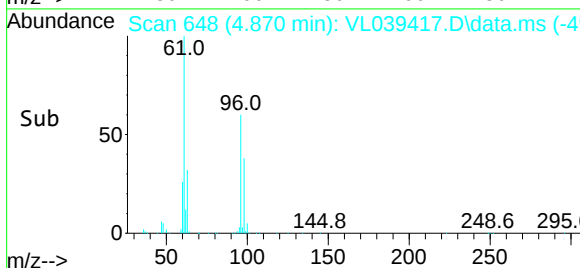
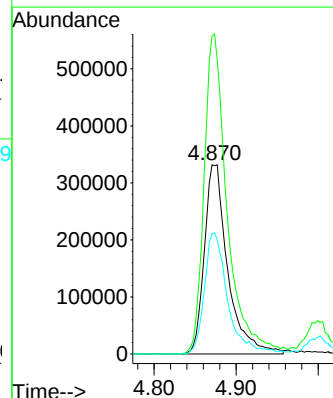
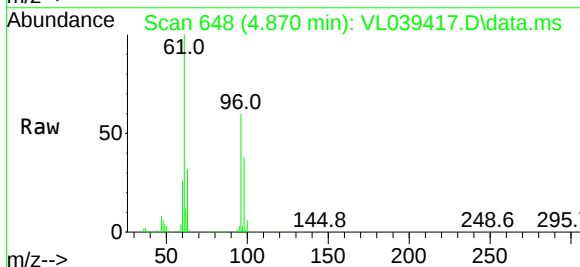
Manual Integrations
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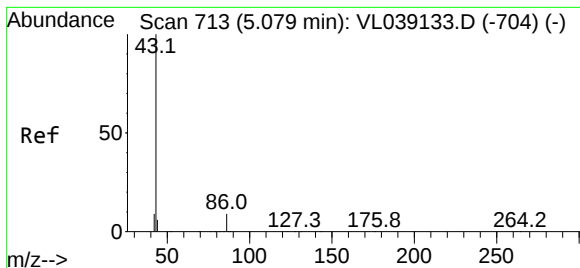
Reviewed By :Semsettin Yesilyurt 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.021 ppbv
 RT: 4.870 min Scan# 648
 Delta R.T. 0.000 min
 Lab File: VL039417.D
 Acq: 30 Jun 2022 9:50

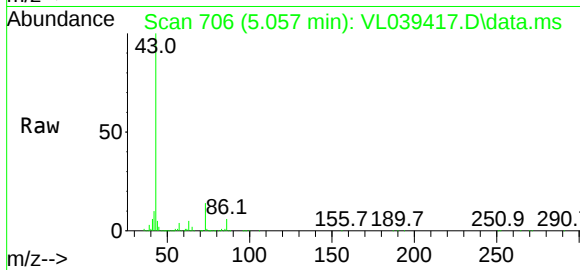
Tgt Ion: 96 Resp: 660527
 Ion Ratio Lower Upper
 96 100
 61 167.6 130.6 195.8
 98 63.4 53.4 80.0





#23
 Vinyl Acetate
 Concen: 10.780 ppbv
 RT: 5.057 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VL039417.D
 Acq: 30 Jun 2022 9:50

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

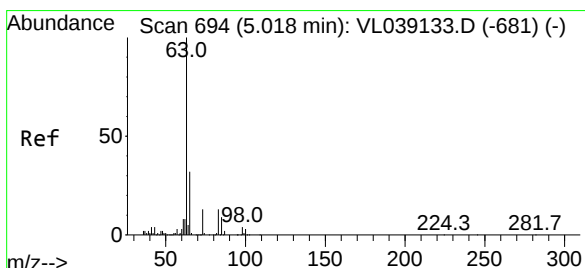
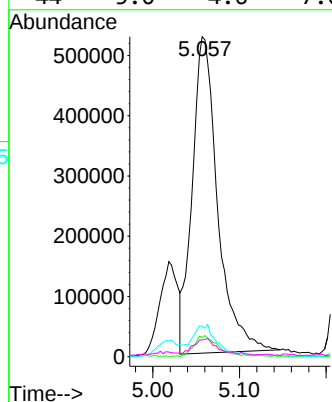
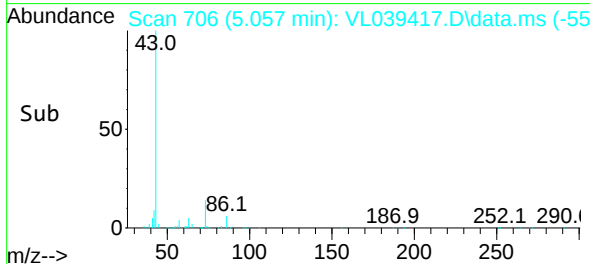


Tgt Ion: 43 Resp: 1069154

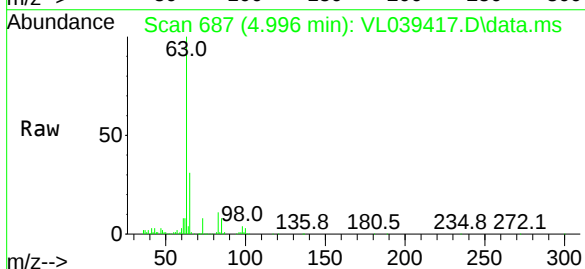
Ion	Ratio	Lower	Upper
43	100		
86	6.2	5.0	7.6
42	9.4	7.7	11.5
44	5.0	4.6	7.0

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

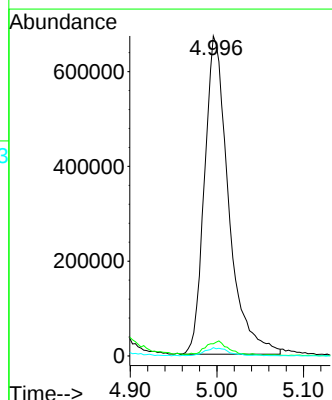
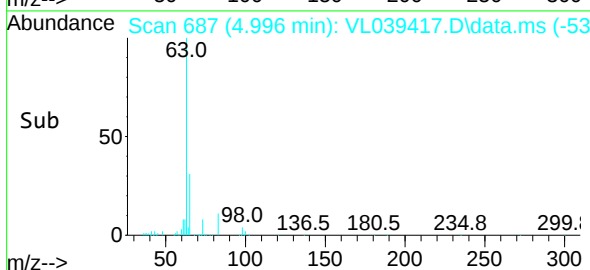


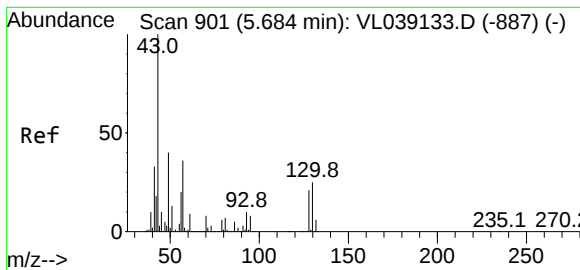
#24
 1,1-Dichloroethane
 Concen: 9.280 ppbv
 RT: 4.996 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VL039417.D
 Acq: 30 Jun 2022 9:50



Tgt Ion: 63 Resp: 1299902

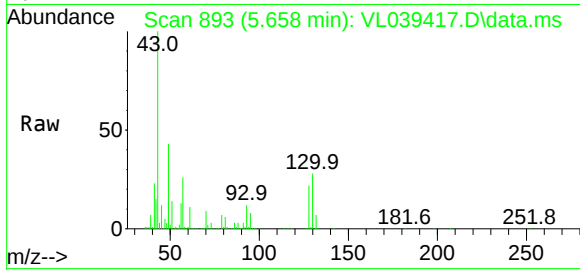
Ion	Ratio	Lower	Upper
63	100		
98	3.6	1.8	5.3
100	2.6	1.5	4.4





#25
Ethyl Acetate
Concen: 10.357 ppbv
RT: 5.658 min Scan# 893
Delta R.T. -0.003 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

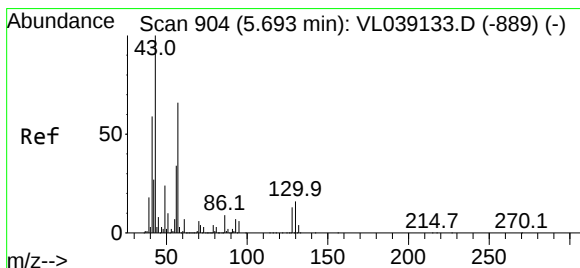
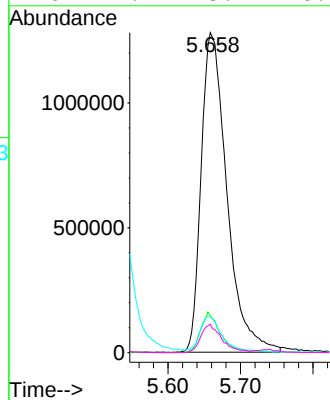
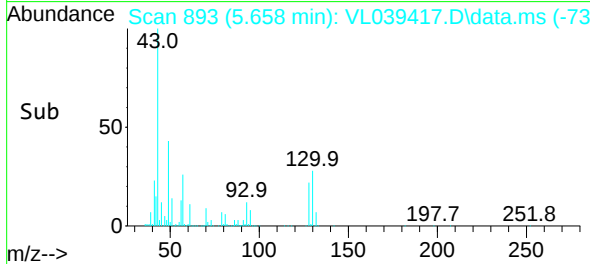
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



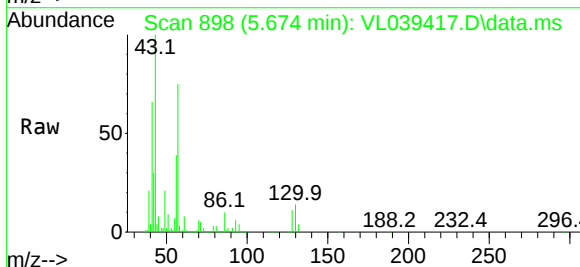
Tgt Ion: 43 Resp: 3151780
Ion Ratio Lower Upper
43 100
45 10.3 8.2 12.4
61 10.1 8.3 12.5
70 7.2 5.9 8.9

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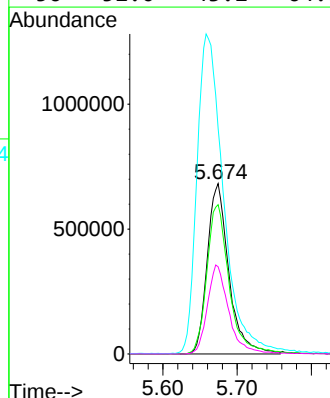
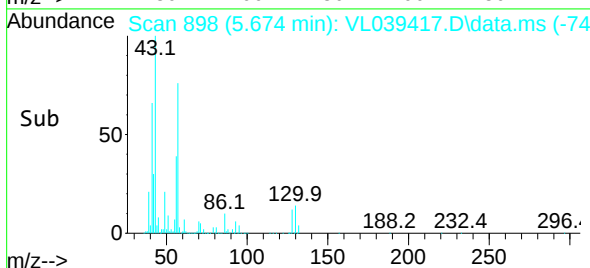
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

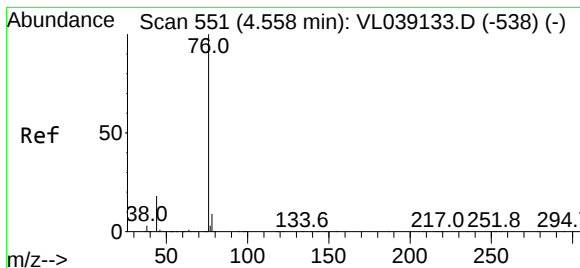


#26
Hexane
Concen: 11.214 ppbv
RT: 5.674 min Scan# 898
Delta R.T. 0.003 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50



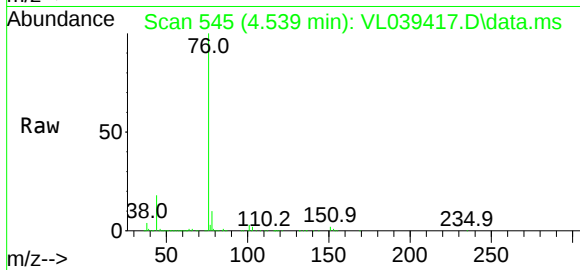
Tgt Ion: 57 Resp: 1375613
Ion Ratio Lower Upper
57 100
41 91.6 76.9 115.3
43 233.0 191.0 286.6
56 52.0 43.2 64.8





#27
Carbon Disulfide
Concen: 10.219 ppbv
RT: 4.539 min Scan# 54
Delta R.T. 0.003 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

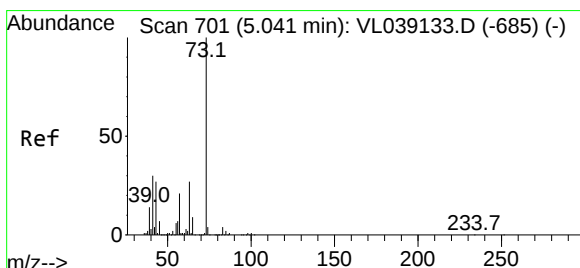
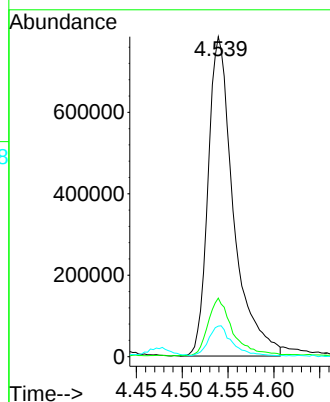
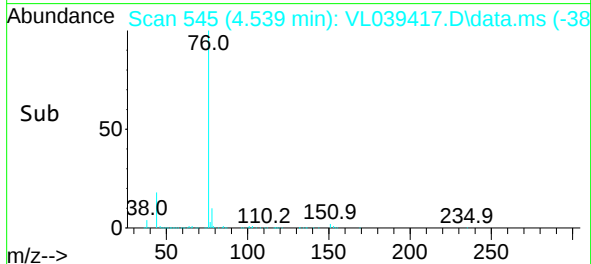
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 151305
Ion Ratio Lower Upper
76 100
44 18.2 14.6 21.8
78 9.5 7.8 11.6

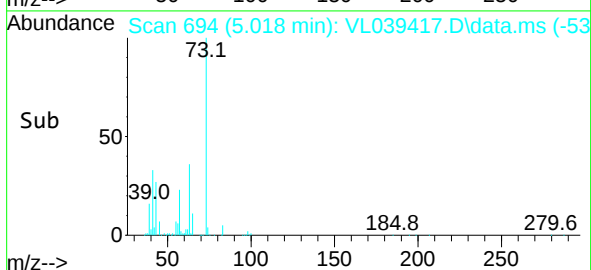
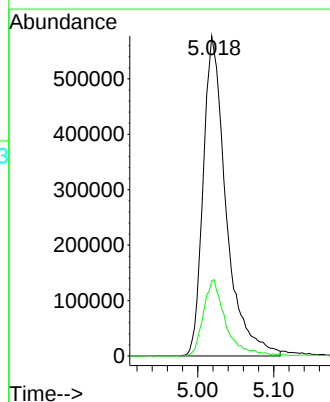
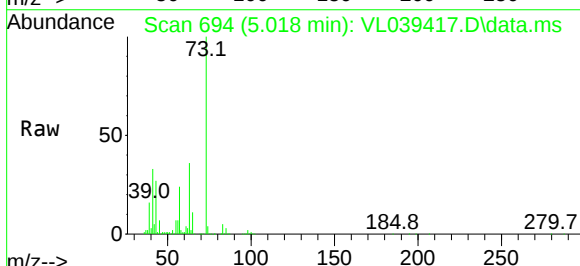
Manual Integrations
APPROVED

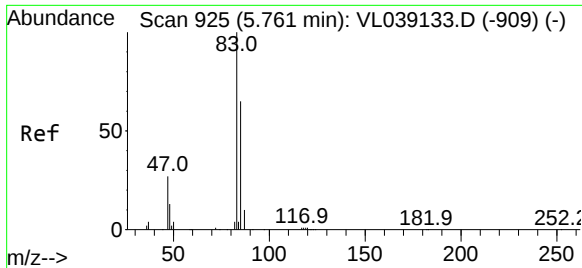
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#28
Methyl tert-Butyl Ether
Concen: 9.225 ppbv
RT: 5.018 min Scan# 694
Delta R.T. 0.000 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

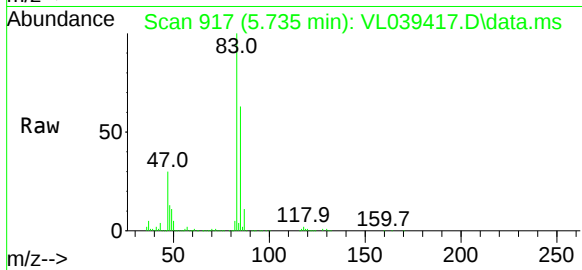
Tgt Ion: 73 Resp: 1209867
Ion Ratio Lower Upper
73 100
57 23.4 19.8 29.8





#29
Chloroform
Concen: 9.330 ppbv
RT: 5.735 min Scan# 917
Delta R.T. 0.000 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

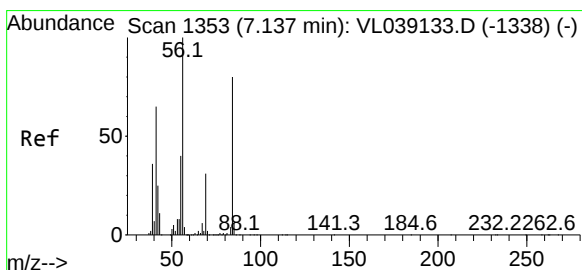
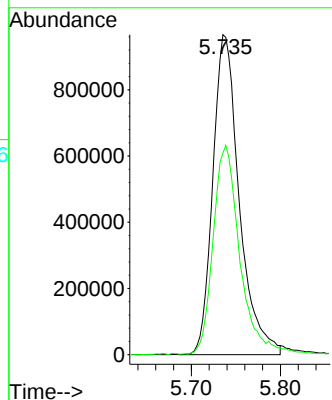
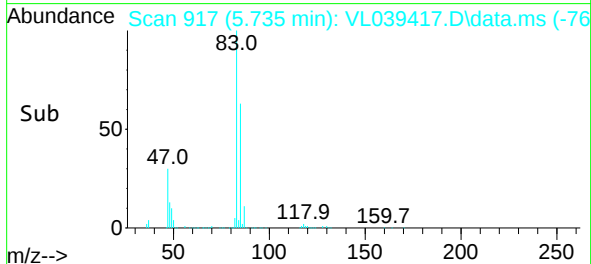
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



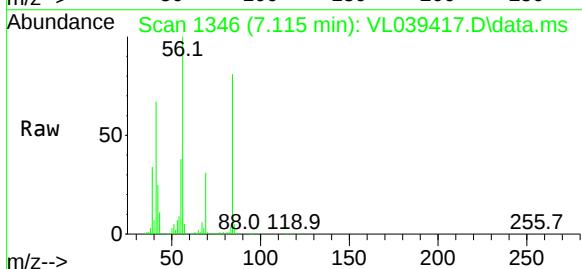
Tgt Ion: 83 Resp: 199017
Ion Ratio Lower Upper
83 100
85 62.8 52.8 79.2

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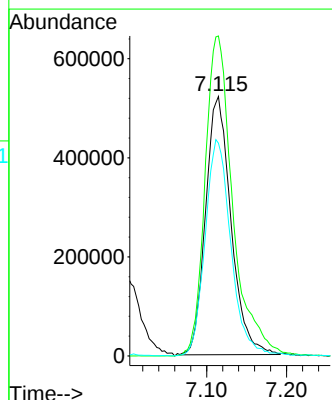
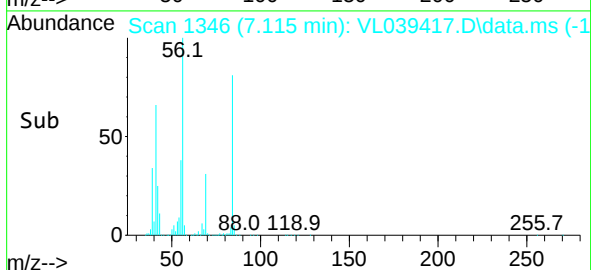
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

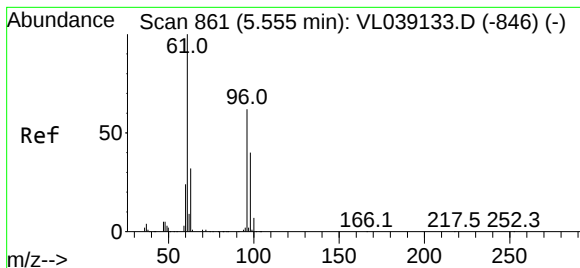


#30
Cyclohexane
Concen: 10.356 ppbv
RT: 7.115 min Scan# 1346
Delta R.T. 0.003 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50



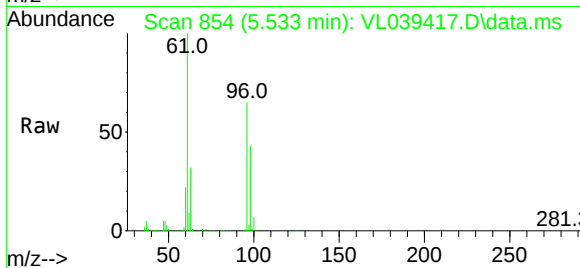
Tgt Ion: 84 Resp: 1156536
Ion Ratio Lower Upper
84 100
56 135.3 107.7 161.5
41 84.8 67.7 101.5





#31
cis-1,2-Dichloroethene
Concen: 10.192 ppbv
RT: 5.533 min Scan# 81
Delta R.T. 0.000 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

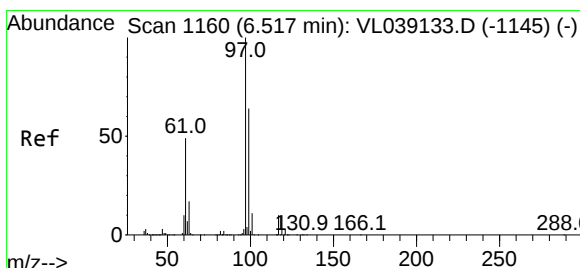
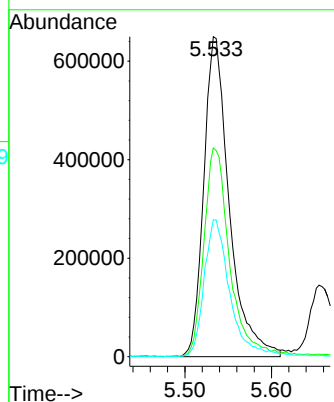
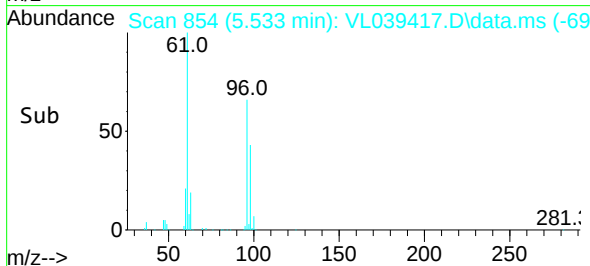
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



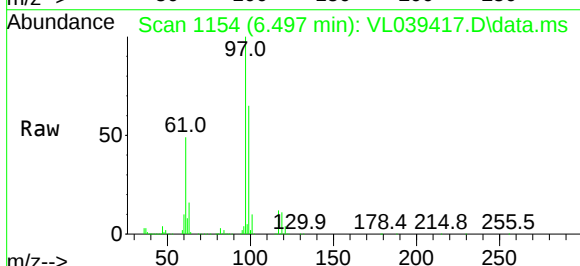
Tgt Ion: 61 Resp: 132658
Ion Ratio Lower Upper
61 100
96 65.1 54.1 81.1
98 42.6 34.6 52.0

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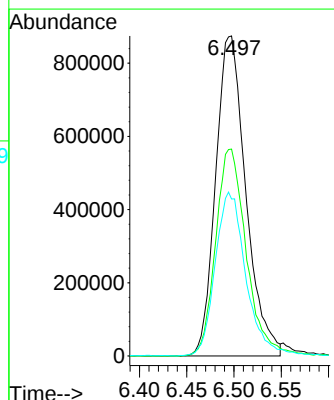
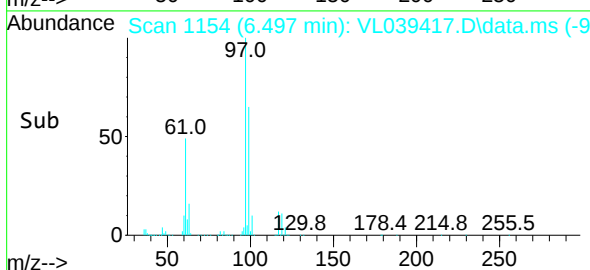
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

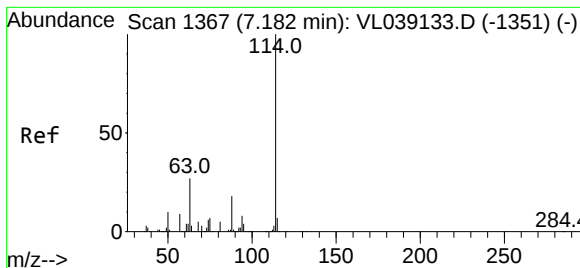


#32
1,1,1-Trichloroethane
Concen: 9.224 ppbv
RT: 6.497 min Scan# 1154
Delta R.T. 0.003 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50



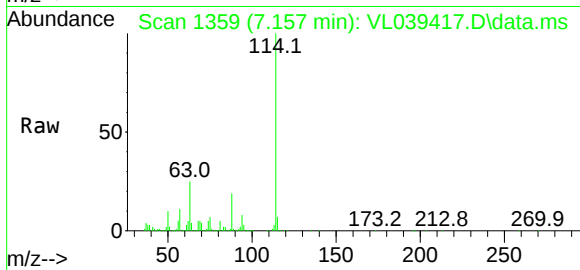
Tgt Ion: 97 Resp: 1942050
Ion Ratio Lower Upper
97 100
99 66.1 52.3 78.5
61 52.2 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.157 min Scan# 114
Delta R.T. 0.000 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

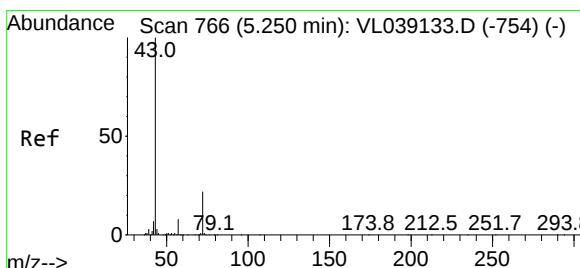
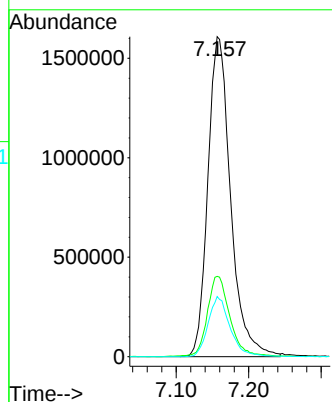
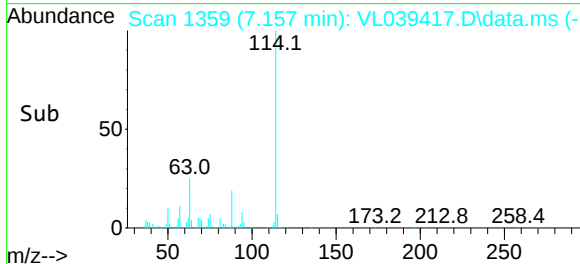
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



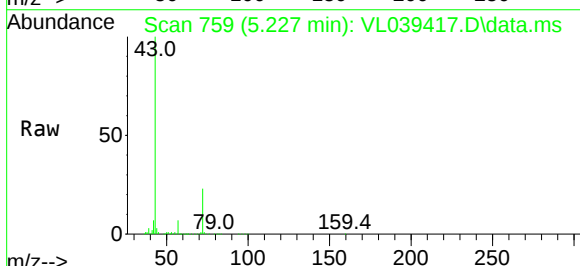
Tgt Ion:114 Resp: 3501898
Ion Ratio Lower Upper
114 100
63 25.3 20.2 30.4
88 18.2 14.5 21.7

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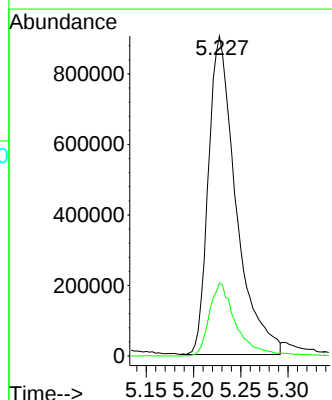
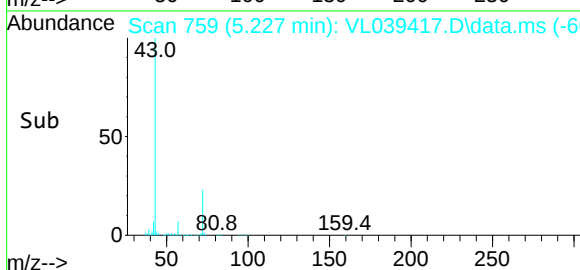
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

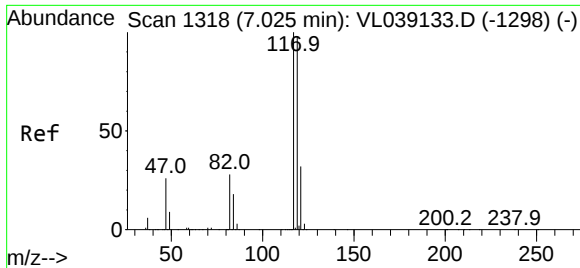


#34
2-Butanone
Concen: 10.400 ppbv
RT: 5.227 min Scan# 759
Delta R.T. 0.003 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50



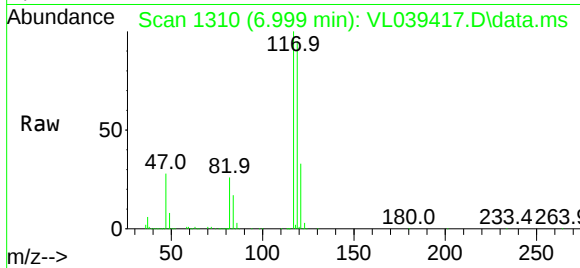
Tgt Ion: 43 Resp: 1833263
Ion Ratio Lower Upper
43 100
72 22.5 17.9 26.9





#35
Carbon Tetrachloride
Concen: 9.529 ppbv
RT: 6.999 min Scan# 111
Delta R.T. 0.000 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

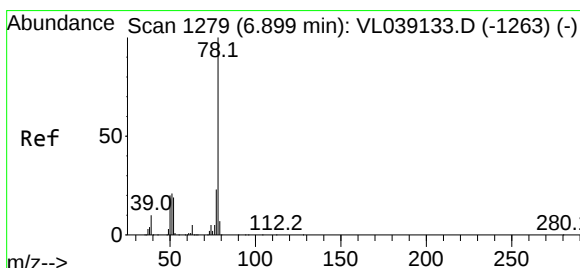
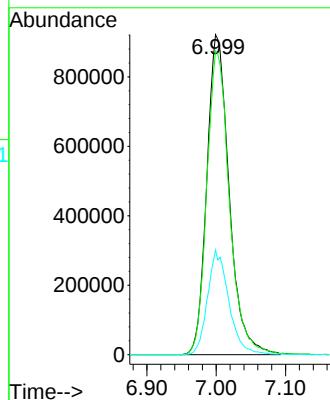
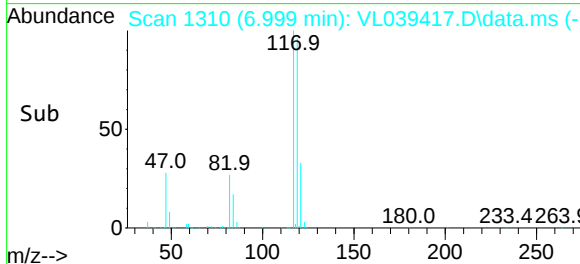
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



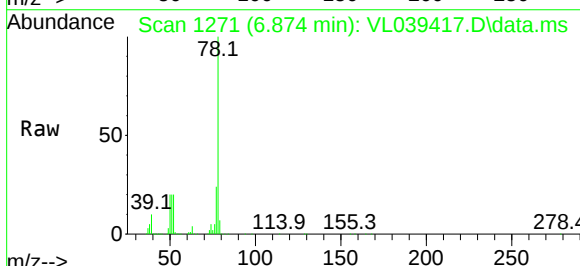
Tgt Ion:117 Resp: 2062035
Ion Ratio Lower Upper
117 100
119 94.9 75.4 113.2
121 32.7 24.2 36.2

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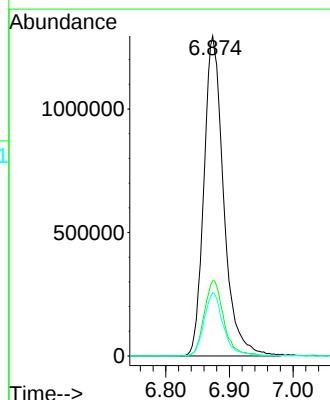
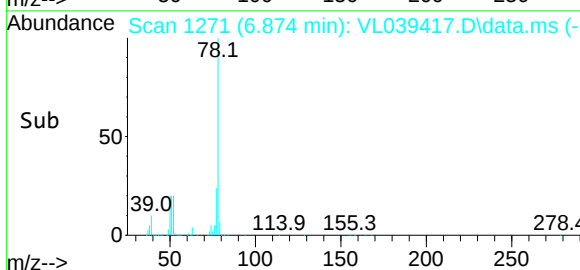
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

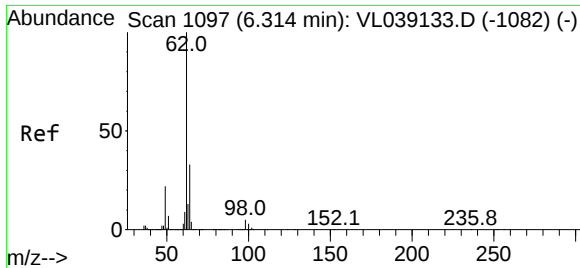


#36
Benzene
Concen: 10.310 ppbv
RT: 6.874 min Scan# 1271
Delta R.T. 0.000 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50



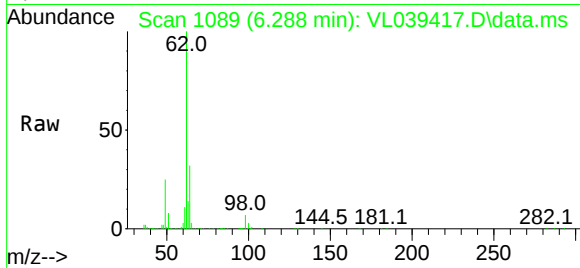
Tgt Ion: 78 Resp: 2794339
Ion Ratio Lower Upper
78 100
77 23.5 20.3 30.5
50 19.8 15.5 23.3





#37
1,2-Dichloroethane
Concen: 9.489 ppbv
RT: 6.288 min Scan# 1097
Delta R.T. 0.000 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

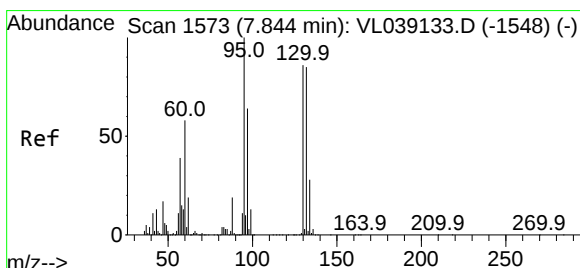
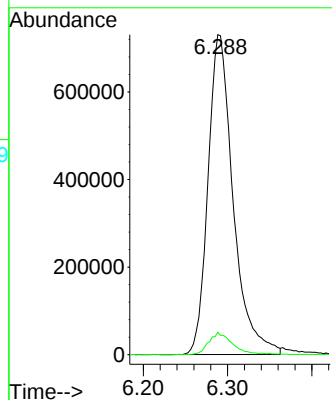
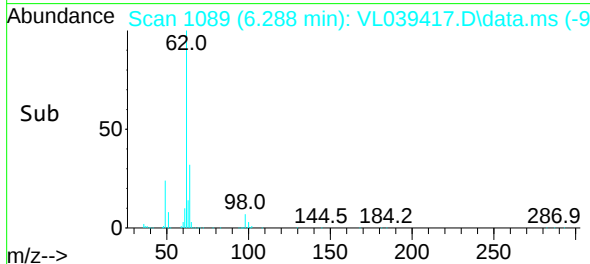
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 62 Resp: 151794
Ion Ratio Lower Upper
62 100
98 6.6 5.1 7.7

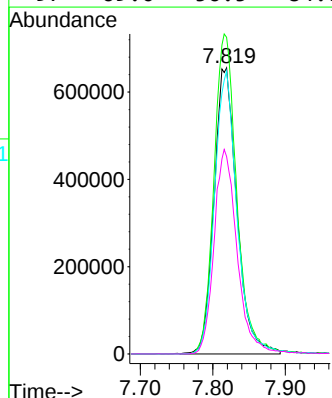
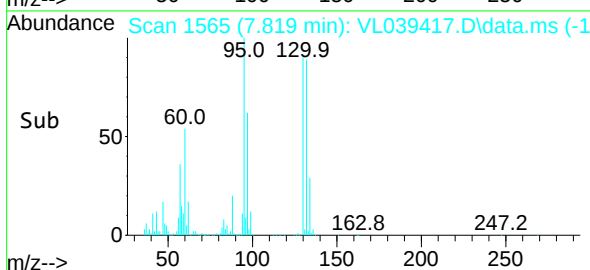
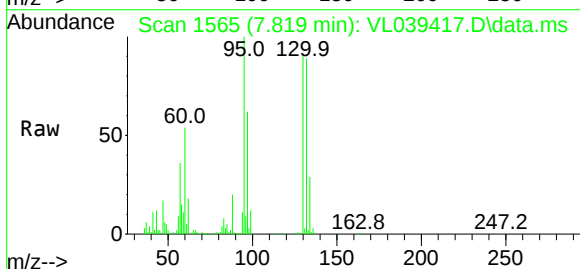
Manual Integrations
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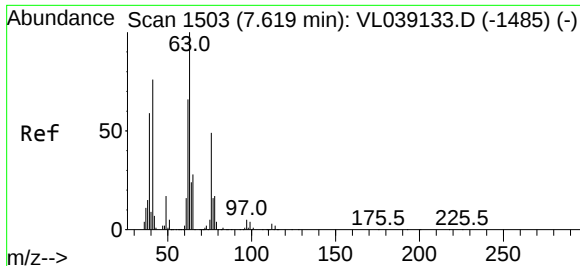
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#38
Trichloroethene
Concen: 9.830 ppbv
RT: 7.819 min Scan# 1565
Delta R.T. 0.003 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

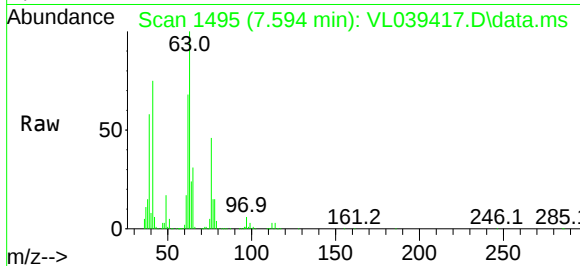
Tgt Ion:130 Resp: 1440913
Ion Ratio Lower Upper
130 100
95 110.6 87.3 130.9
132 99.0 76.7 115.1
97 69.0 56.5 84.7





#39
1,2-Dichloropropane
Concen: 10.373 ppbv
RT: 7.594 min Scan# 1495
Delta R.T. 0.000 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

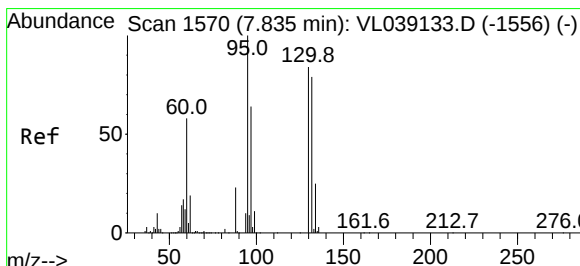
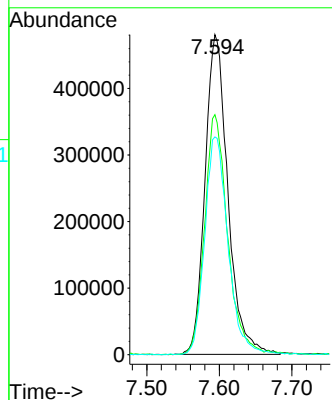
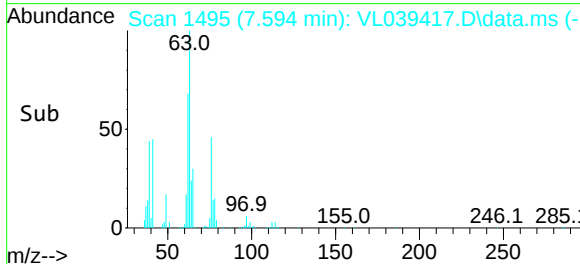
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



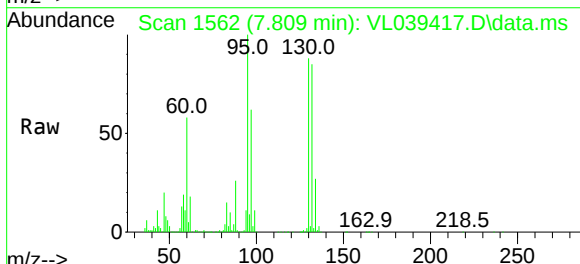
Tgt Ion: 63 Resp: 105025
Ion Ratio Lower Upper
63 100
41 74.9 59.6 89.4
62 68.0 51.4 77.0

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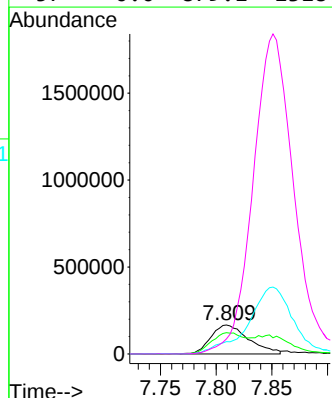
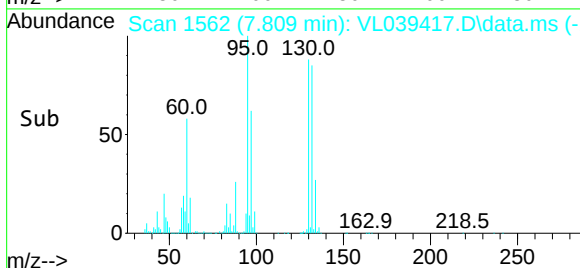
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

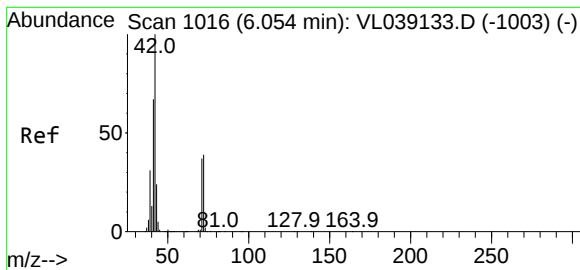


#40
1,4-Dioxane
Concen: 9.718 ppbv
RT: 7.809 min Scan# 1562
Delta R.T. 0.000 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50



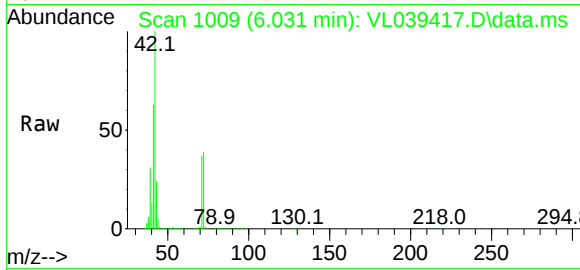
Tgt Ion: 88 Resp: 392105
Ion Ratio Lower Upper
88 100
58 63.6 100.2 150.4#
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#





#41
Tetrahydrofuran
Concen: 11.039 ppbv
RT: 6.031 min Scan# 1016
Delta R.T. 0.003 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

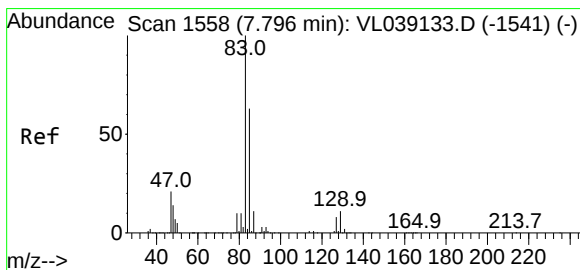
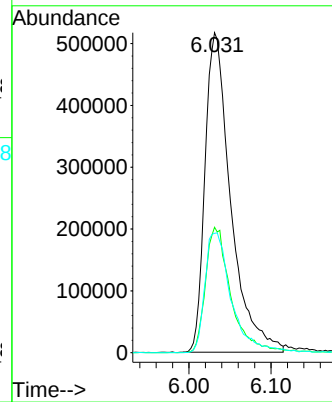
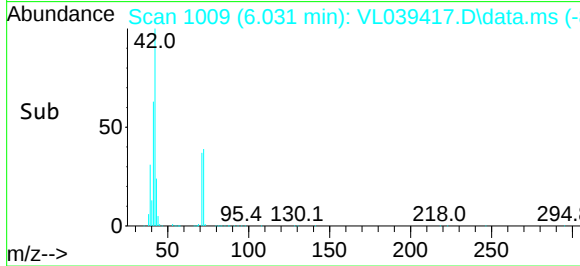


Tgt Ion: 42 Resp: 112762

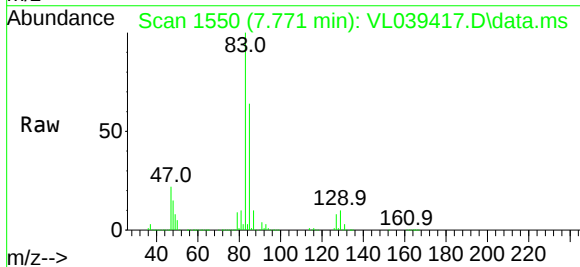
Ion	Ratio	Lower	Upper
42	100		
72	39.3	31.8	47.8
71	39.1	31.8	47.8

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

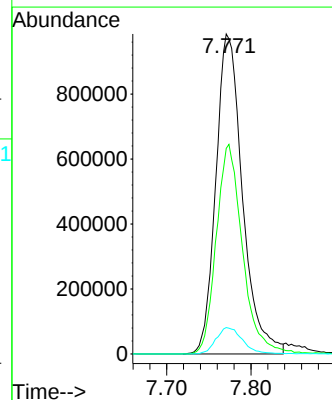
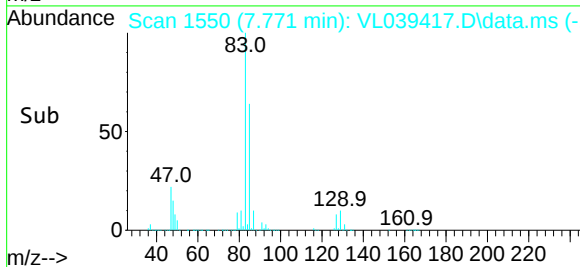


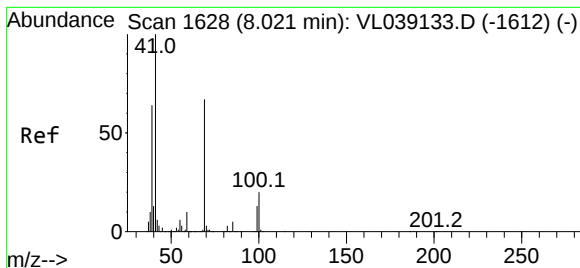
#42
Bromodichloromethane
Concen: 10.018 ppbv
RT: 7.771 min Scan# 1550
Delta R.T. 0.000 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50



Tgt Ion: 83 Resp: 2160858

Ion	Ratio	Lower	Upper
83	100		
85	64.2	50.7	76.1
127	8.3	6.6	9.8





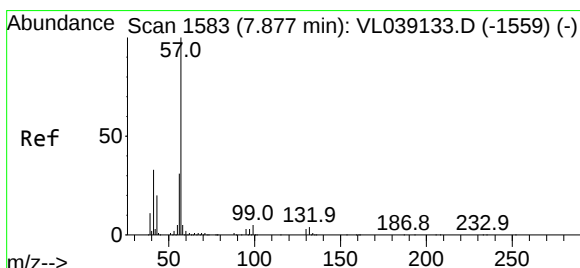
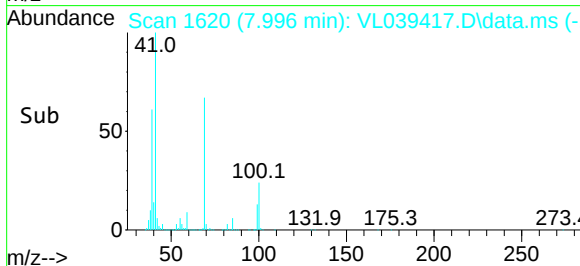
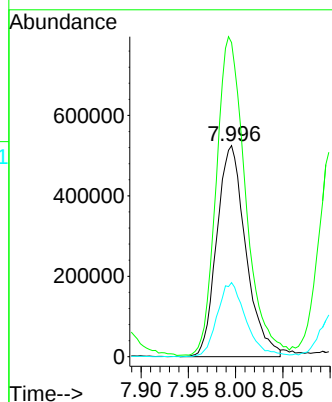
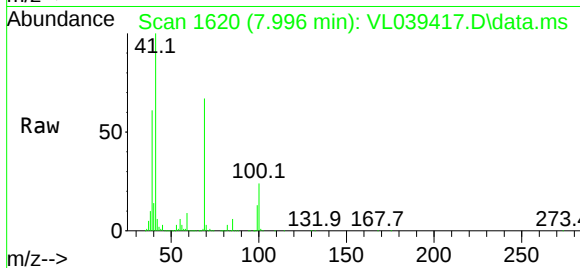
#43
Methyl Methacrylate
Concen: 10.875 ppbv
RT: 7.996 min Scan# 112073
Delta R.T. 0.000 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 69 Resp: 112073
Ion Ratio Lower Upper
69 100
41 154.3 120.8 181.2
100 34.7 27.8 41.6

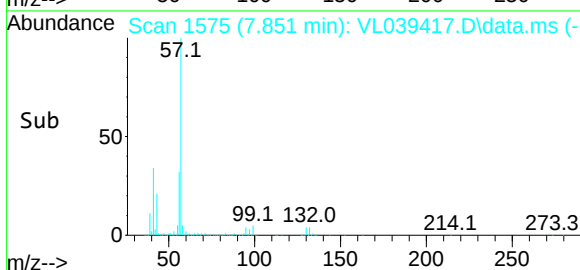
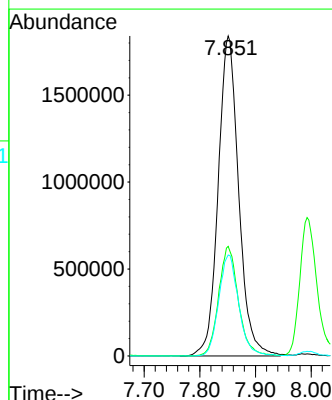
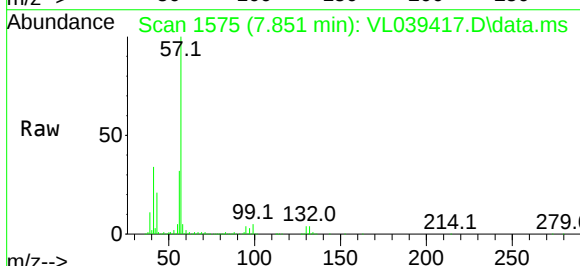
Manual Integrations
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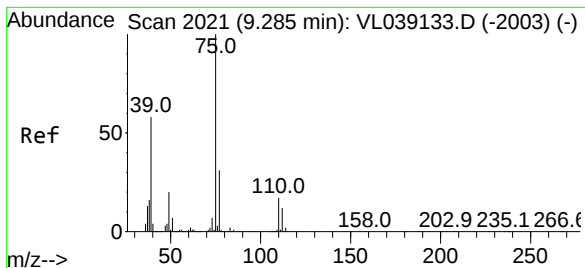
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#44
2,2,4-Trimethylpentane
Concen: 10.240 ppbv
RT: 7.851 min Scan# 1575
Delta R.T. 0.000 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

Tgt Ion: 57 Resp: 4703112
Ion Ratio Lower Upper
57 100
41 33.0 27.4 41.2
56 30.9 24.5 36.7





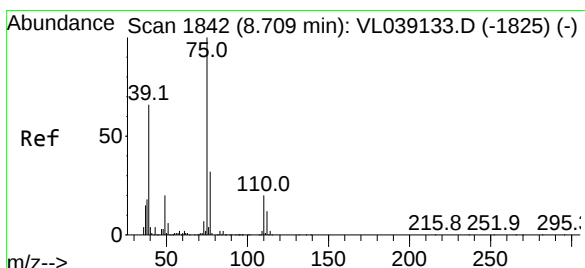
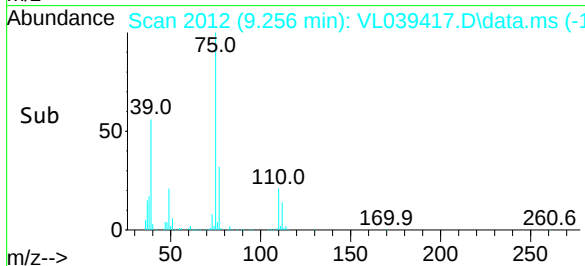
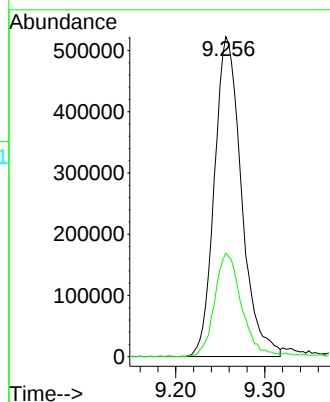
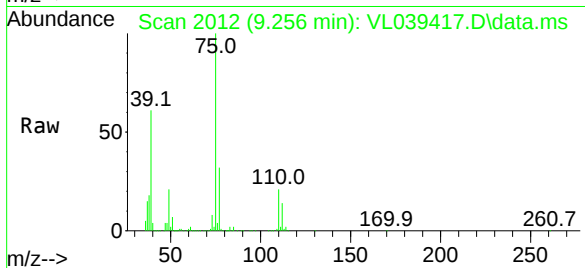
#45
t-1,3-Dichloropropene
Concen: 12.008 ppbv
RT: 9.256 min Scan# 20
Delta R.T. -0.003 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 75 Resp: 1101828
Ion Ratio Lower Upper
75 100
77 32.3 24.6 36.8

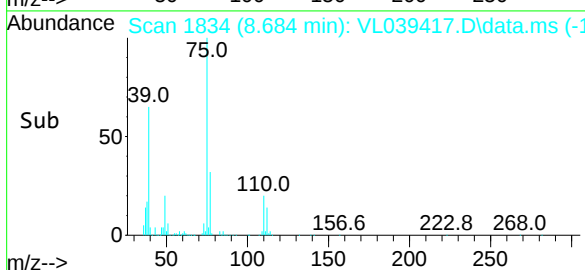
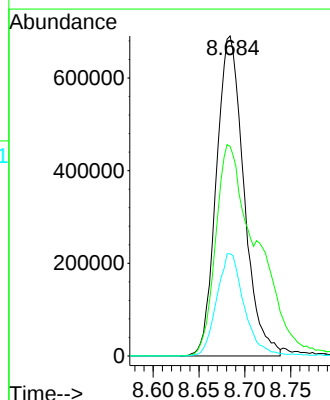
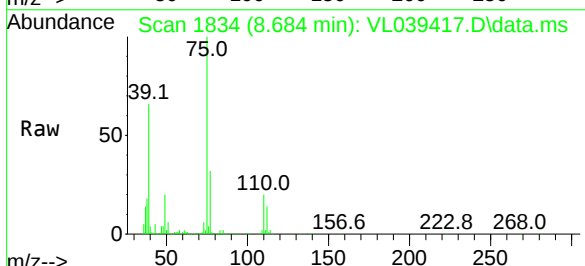
Manual Integrations
APPROVED

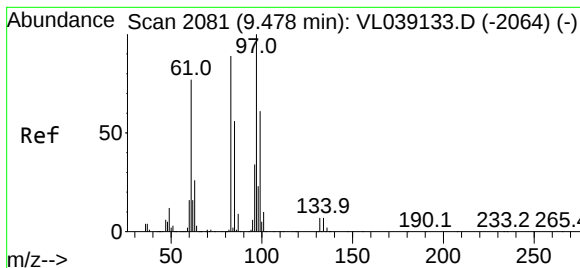
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#46
cis-1,3-Dichloropropene
Concen: 11.435 ppbv
RT: 8.684 min Scan# 1834
Delta R.T. 0.003 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

Tgt Ion: 75 Resp: 1444200
Ion Ratio Lower Upper
75 100
39 65.4 55.0 82.4
77 31.9 25.7 38.5





#47

1,1,2-Trichloroethane

Concen: 10.072 ppbv

RT: 9.455 min Scan# 2081

Delta R.T. 0.003 min

Lab File: VL039417.D

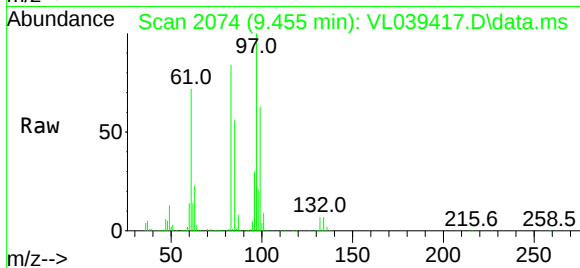
Acq: 30 Jun 2022 9:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion: 97 Resp: 1144219

Ion Ratio Lower Upper

97 100

83 84.0 67.4 101.0

85 55.5 45.1 67.7

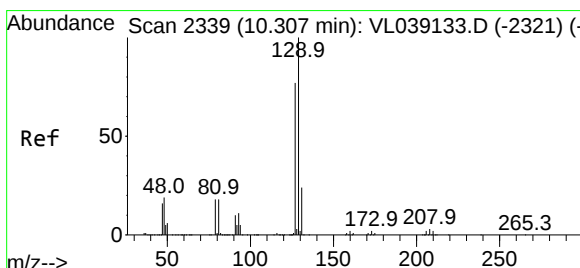
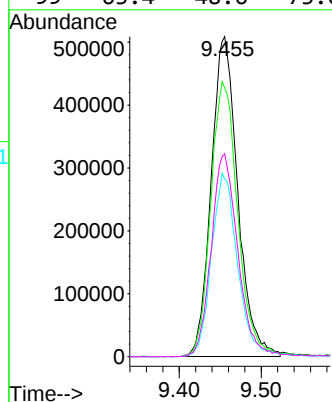
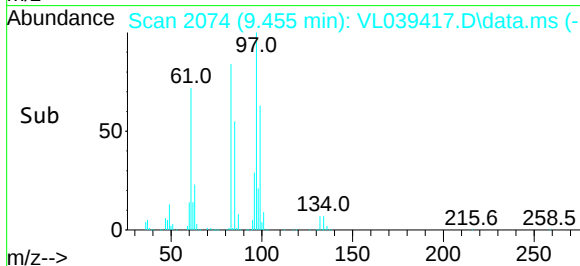
99 63.4 48.6 73.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#48

Dibromochloromethane

Concen: 10.618 ppbv

RT: 10.282 min Scan# 2331

Delta R.T. 0.000 min

Lab File: VL039417.D

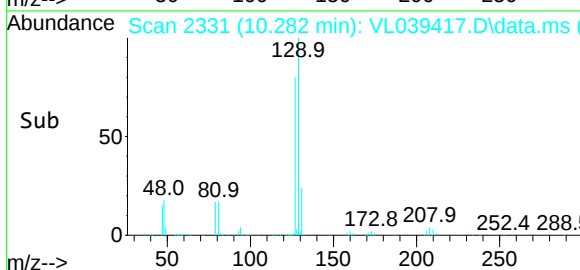
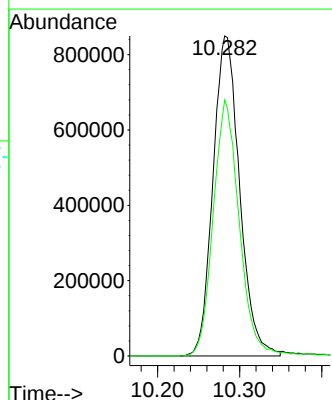
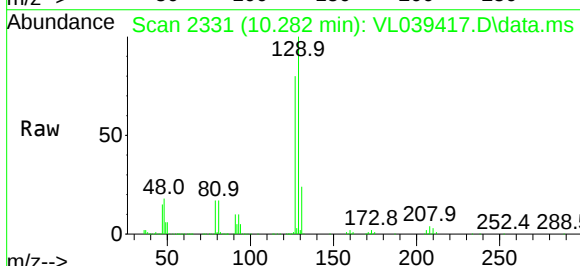
Acq: 30 Jun 2022 9:50

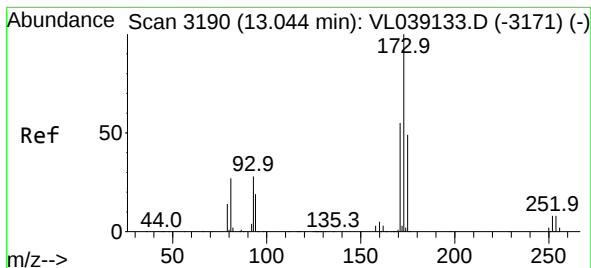
Tgt Ion:129 Resp: 1917342

Ion Ratio Lower Upper

129 100

127 78.9 39.3 117.9





#49

Bromoform

Concen: 10.935 ppbv

RT: 13.018 min Scan# 31

Delta R.T. 0.003 min

Lab File: VL039417.D

Acq: 30 Jun 2022 9:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:173 Resp: 159288

Ion Ratio Lower Upper

173 100

175 50.0 40.3 60.5

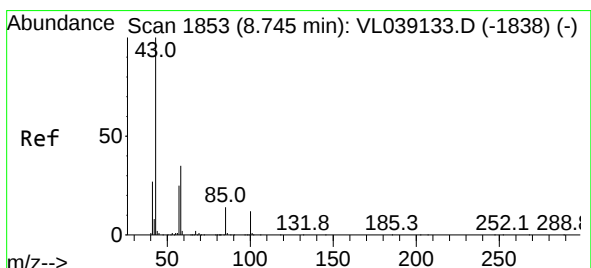
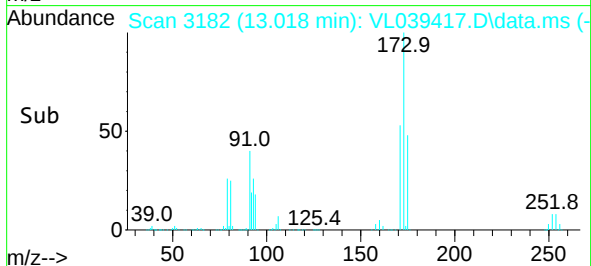
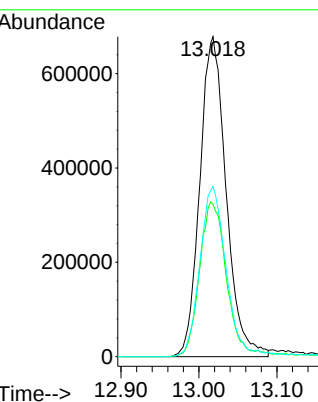
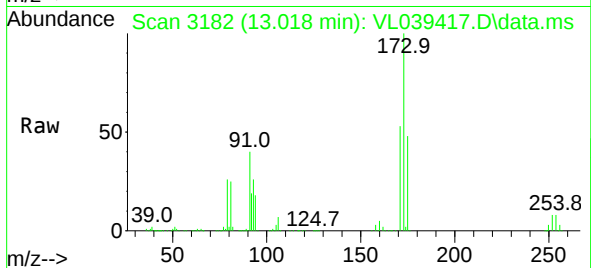
171 53.8 42.9 64.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#50

4-Methyl-2-Pentanone

Concen: 11.039 ppbv

RT: 8.719 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VL039417.D

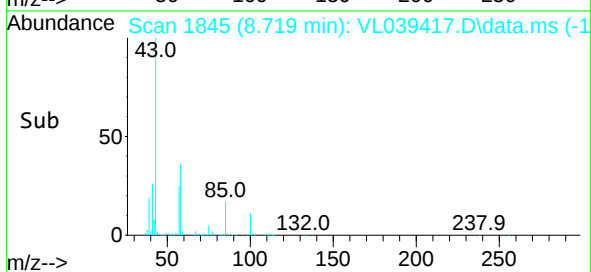
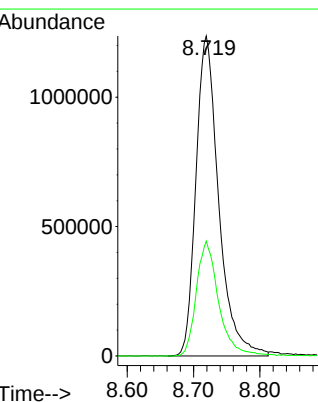
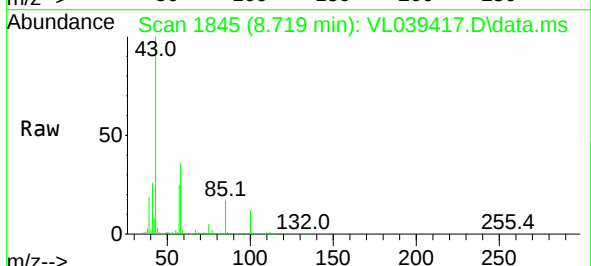
Acq: 30 Jun 2022 9:50

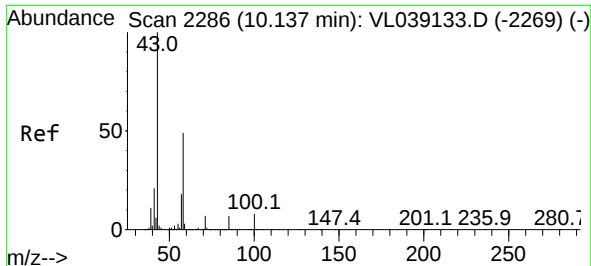
Tgt Ion: 43 Resp: 2942535

Ion Ratio Lower Upper

43 100

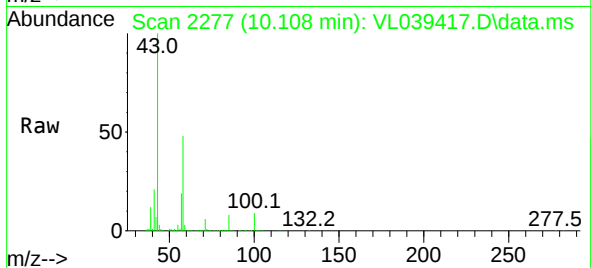
58 35.4 28.8 43.2





#51
2-Hexanone
Concen: 11.502 ppbv
RT: 10.108 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

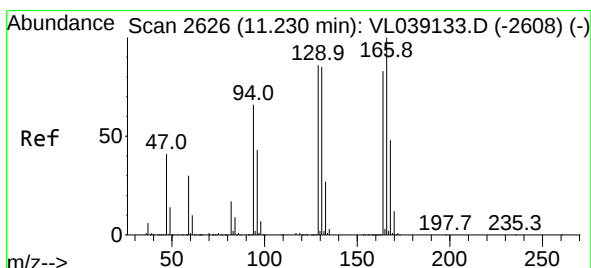
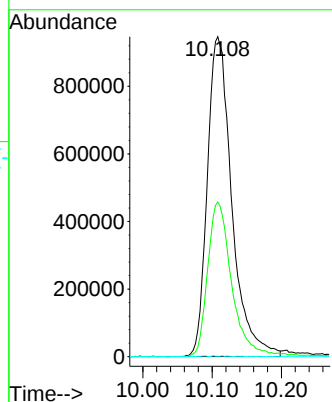
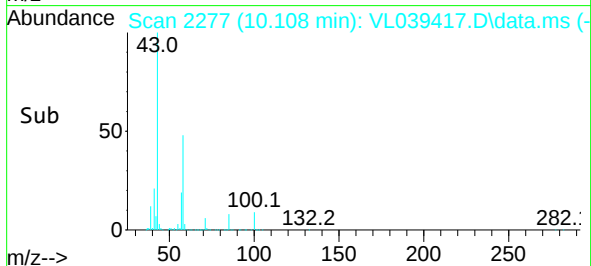
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



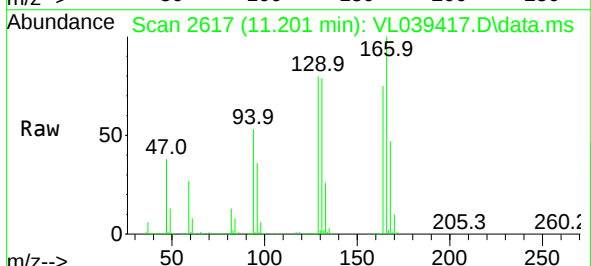
Tgt Ion: 43 Resp: 231897
Ion Ratio Lower Upper
43 100
58 48.3 38.4 57.6
98 0.3 0.3 0.5

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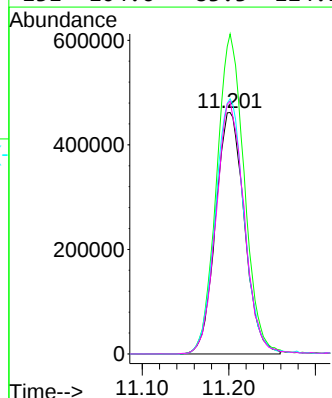
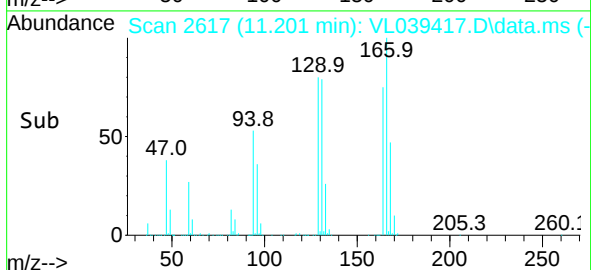
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

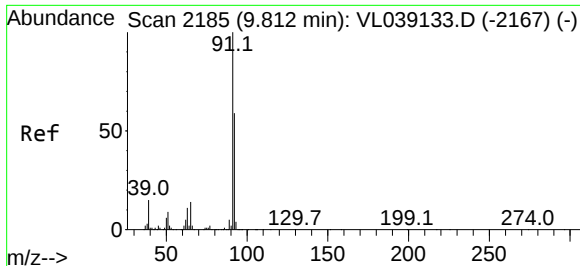


#52
Tetrachloroethene
Concen: 9.765 ppbv
RT: 11.201 min Scan# 2617
Delta R.T. 0.003 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50



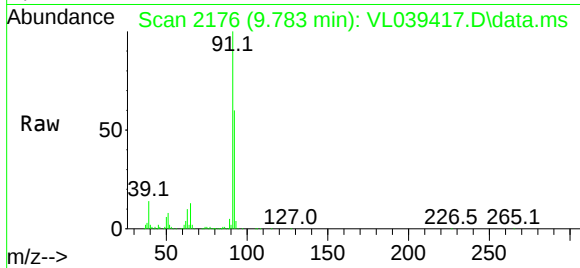
Tgt Ion:164 Resp: 1065402
Ion Ratio Lower Upper
164 100
166 132.4 102.2 153.2
129 105.7 85.8 128.8
131 104.6 83.3 124.9





#53
Toluene
Concen: 10.697 ppbv
RT: 9.783 min Scan# 2185
Delta R.T. 0.000 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

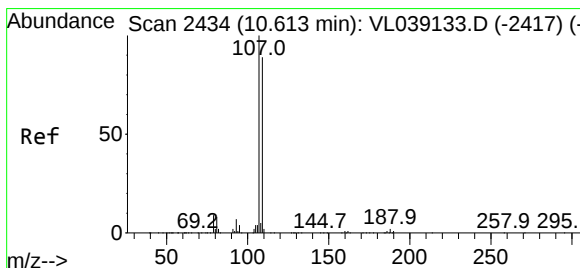
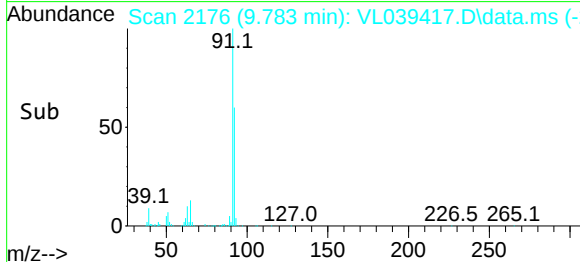
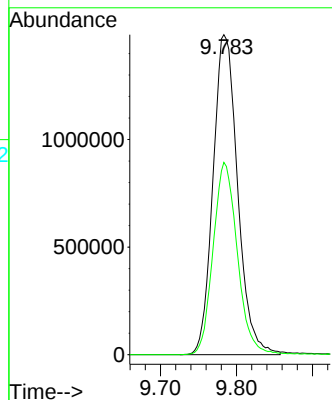
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 91 Resp: 334408
Ion Ratio Lower Upper
91 100
92 59.6 48.2 72.2

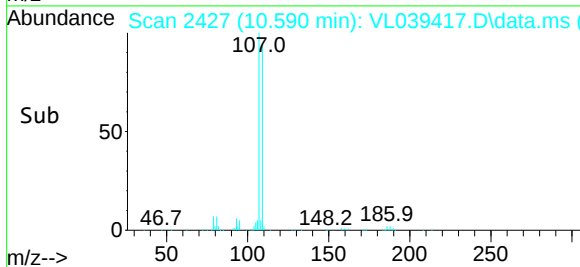
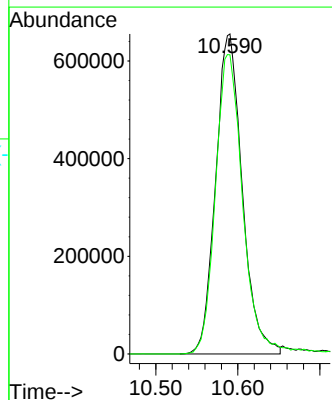
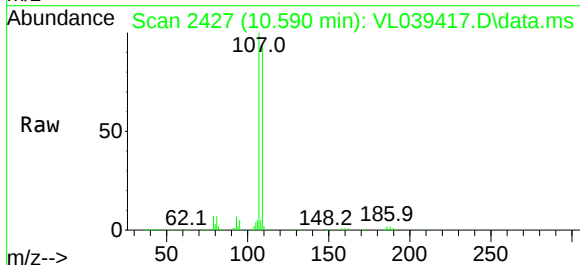
Manual Integrations
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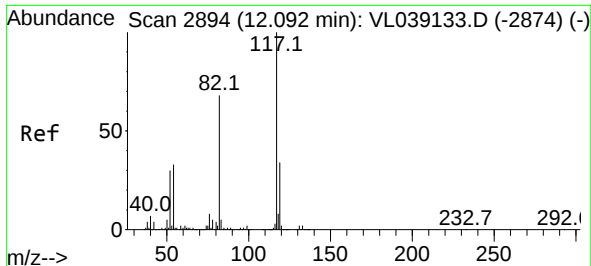
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#54
1,2-Dibromoethane
Concen: 10.460 ppbv
RT: 10.590 min Scan# 2427
Delta R.T. 0.003 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

Tgt Ion:107 Resp: 1478581
Ion Ratio Lower Upper
107 100
109 93.5 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.063 min Scan# 2885

Delta R.T. -0.003 min

Lab File: VL039417.D

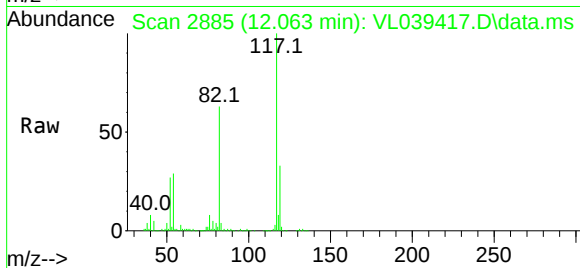
Acq: 30 Jun 2022 9:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



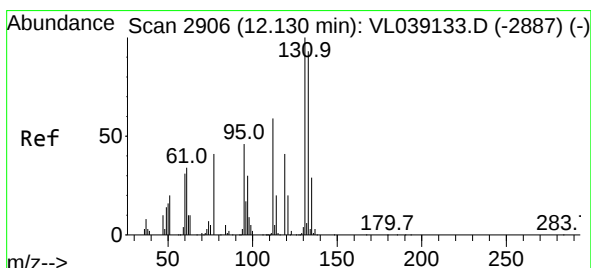
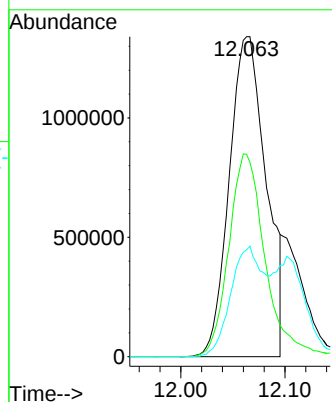
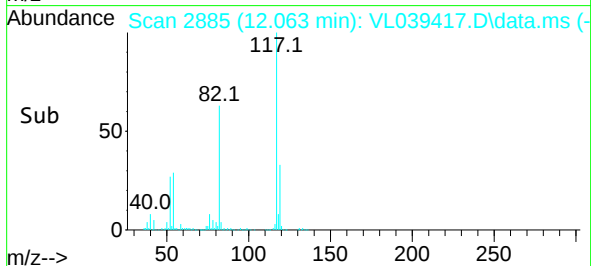
Tgt Ion: 117 Resp: 329415

Ion	Ratio	Lower	Upper
117	100		
82	63.9	50.8	76.2
119	33.9	24.1	36.1

Manual Integrations

APPROVED

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



#56

1,1,1,2-Tetrachloroethane

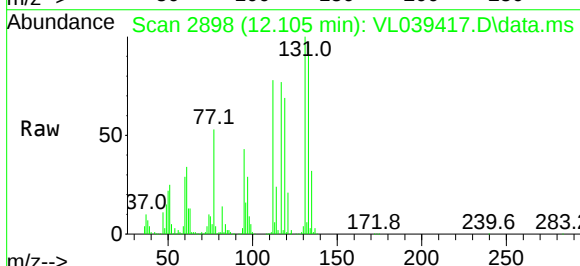
Concen: 9.684 ppbv

RT: 12.105 min Scan# 2898

Delta R.T. 0.000 min

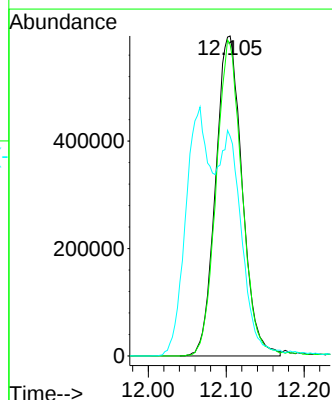
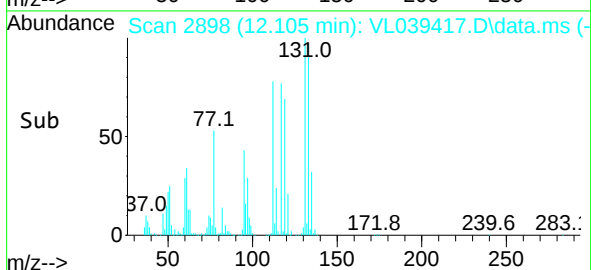
Lab File: VL039417.D

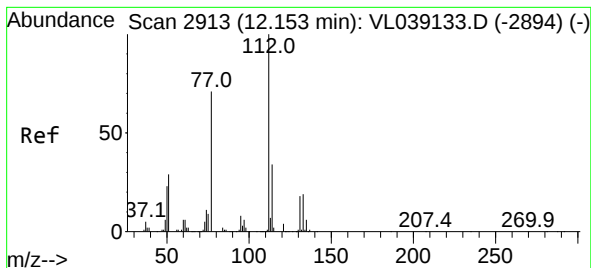
Acq: 30 Jun 2022 9:50



Tgt Ion: 131 Resp: 1409286

Ion	Ratio	Lower	Upper
131	100		
133	97.4	76.8	115.2
119	62.1	46.2	69.4





#57

Chlorobenzene

Concen: 9.749 ppbv

RT: 12.124 min Scan# 2913

Delta R.T. 0.003 min

Lab File: VL039417.D

Acq: 30 Jun 2022 9:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:112 Resp: 248972

Ion Ratio Lower Upper

112 100

77 64.6 51.0 76.4

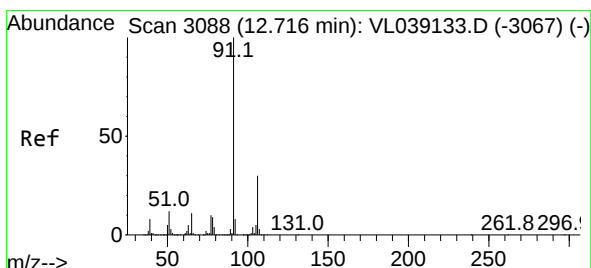
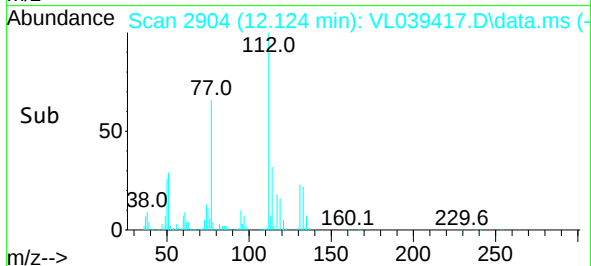
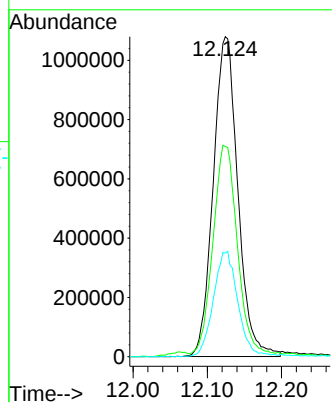
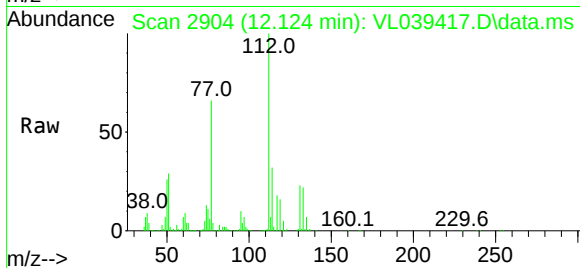
114 32.4 27.5 33.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#58

Ethyl Benzene

Concen: 10.291 ppbv

RT: 12.687 min Scan# 3079

Delta R.T. 0.000 min

Lab File: VL039417.D

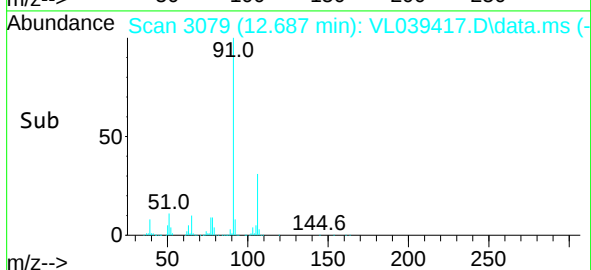
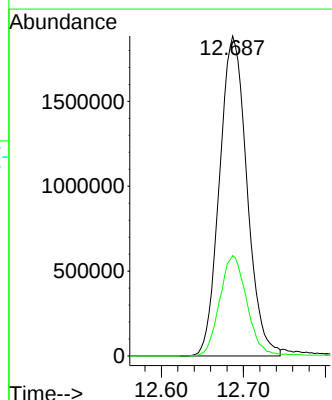
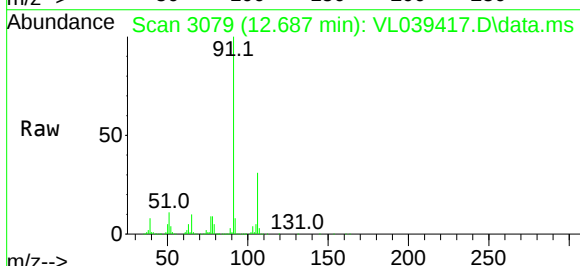
Acq: 30 Jun 2022 9:50

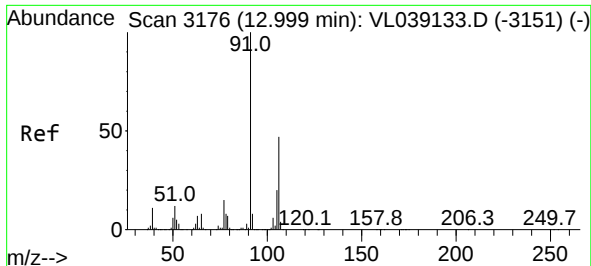
Tgt Ion: 91 Resp: 4377427

Ion Ratio Lower Upper

91 100

106 31.4 25.4 38.0





#59

m/p-Xylene

Concen: 19.979 ppbv

RT: 12.973 min Scan# 3176

Delta R.T. 0.000 min

Lab File: VL039417.D

Acq: 30 Jun 2022 9:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 749217

Ion Ratio Lower Upper

91 100

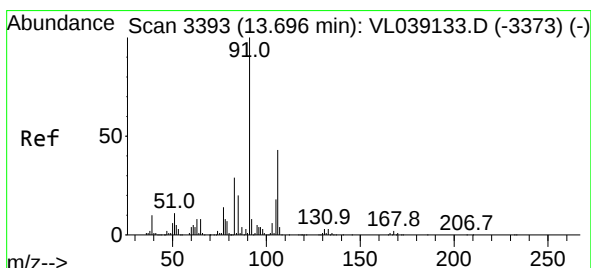
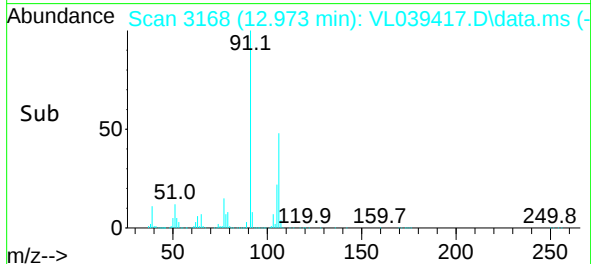
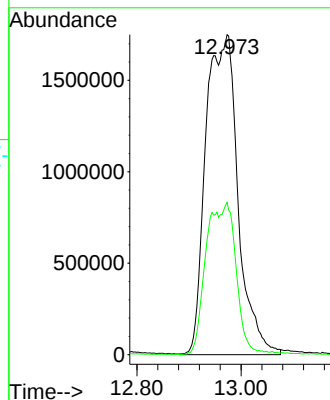
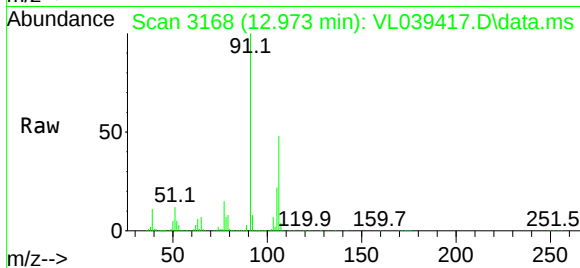
106 44.6 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#60

o-Xylene

Concen: 10.148 ppbv

RT: 13.668 min Scan# 3384

Delta R.T. 0.000 min

Lab File: VL039417.D

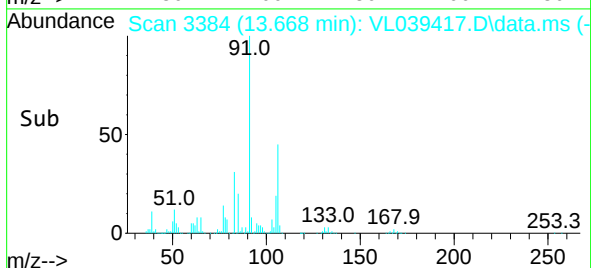
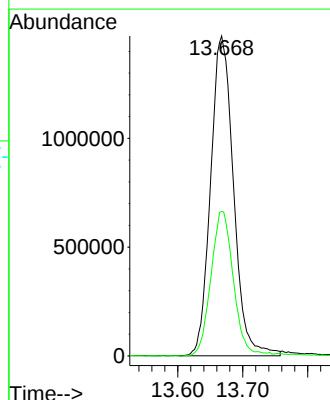
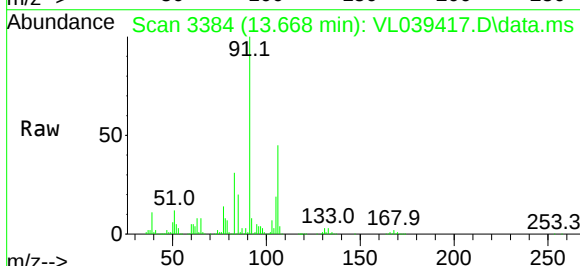
Acq: 30 Jun 2022 9:50

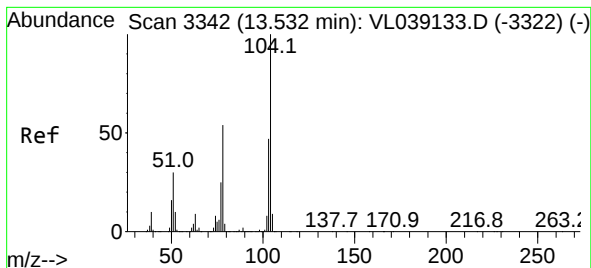
Tgt Ion: 91 Resp: 3603386

Ion Ratio Lower Upper

91 100

106 45.2 22.4 67.3





#61

Styrene

Concen: 11.242 ppbv

RT: 13.504 min Scan# 31

Delta R.T. 0.000 min

Lab File: VL039417.D

Acq: 30 Jun 2022 9:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

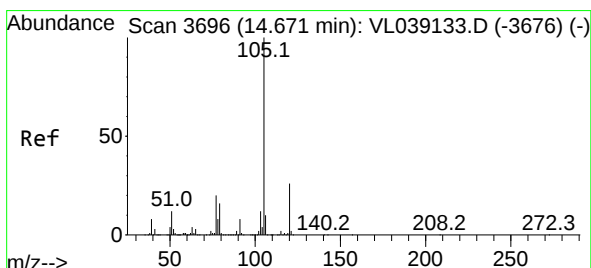
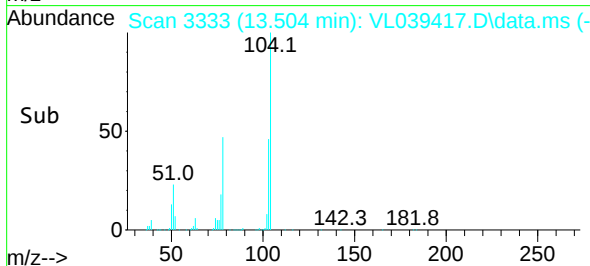
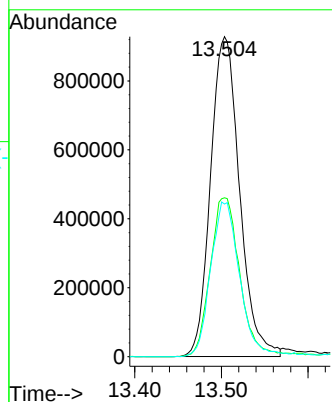
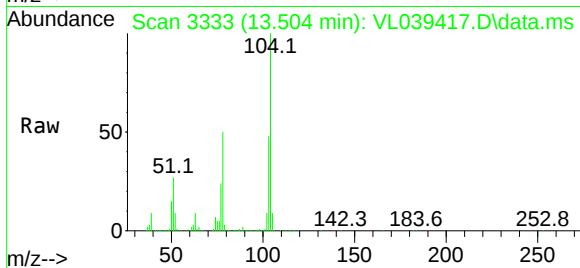
Tgt Ion:104 Resp: 216241

Ion	Ratio	Lower	Upper
104	100		
78	51.4	41.2	61.8
103	48.8	38.7	58.1

Manual Integrations

APPROVED

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



#62

Isopropylbenzene

Concen: 9.740 ppbv

RT: 14.645 min Scan# 3688

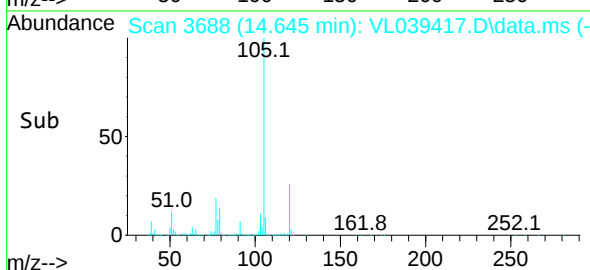
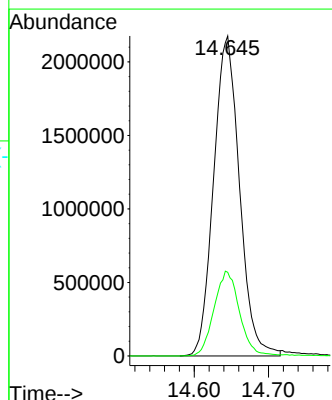
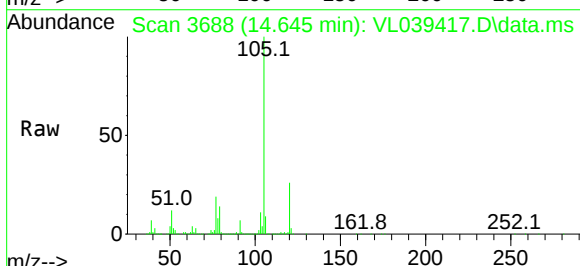
Delta R.T. 0.000 min

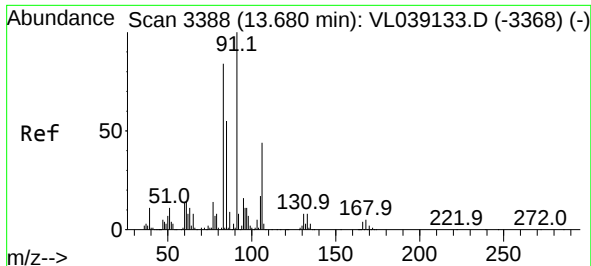
Lab File: VL039417.D

Acq: 30 Jun 2022 9:50

Tgt Ion:105 Resp: 5267186

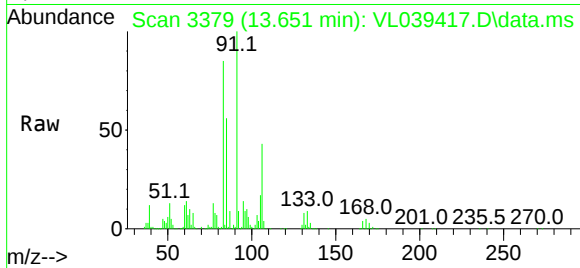
Ion	Ratio	Lower	Upper
105	100		
120	26.4	20.7	31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 9.373 ppbv
RT: 13.651 min Scan# 31
Delta R.T. 0.000 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

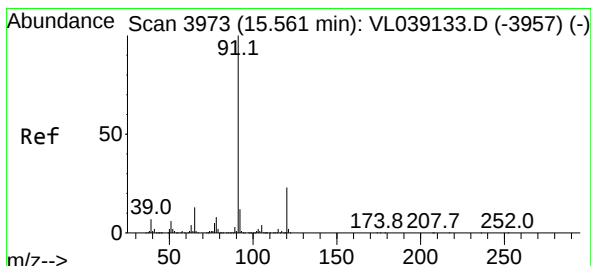
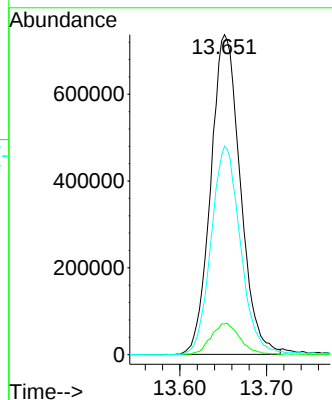
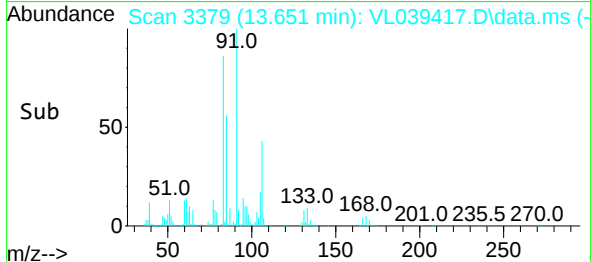
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



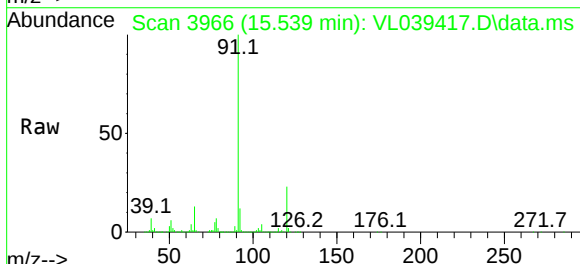
Tgt Ion: 83 Resp: 174457
Ion Ratio Lower Upper
83 100
131 9.7 5.3 15.8
85 66.0 33.1 99.5

Manual Integrations
APPROVED

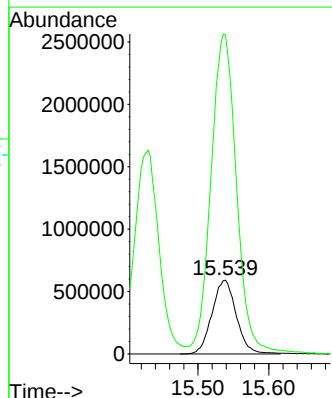
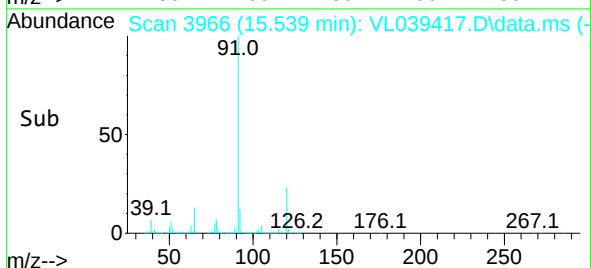
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

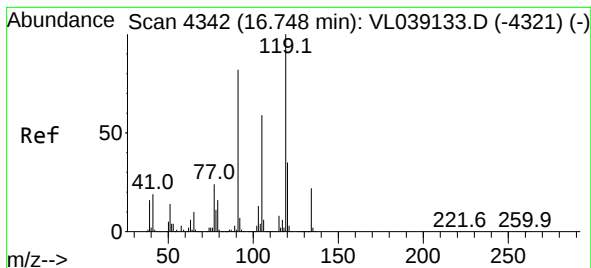


#64
n-propylbenzene
Concen: 10.254 ppbv
RT: 15.539 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50



Tgt Ion:120 Resp: 1405476
Ion Ratio Lower Upper
120 100
91 457.6 367.2 550.8





#65

tert-Butylbenzene

Concen: 9.620 ppbv

RT: 16.719 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL039417.D

Acq: 30 Jun 2022 9:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:119 Resp: 4807370

Ion Ratio Lower Upper

119 100

91 78.7 63.4 95.2

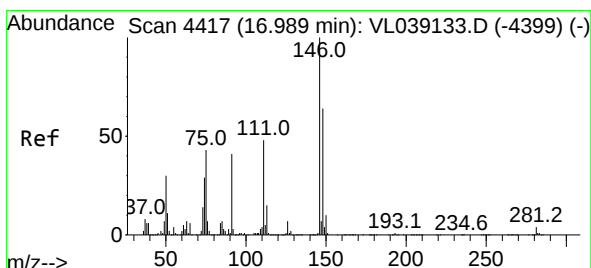
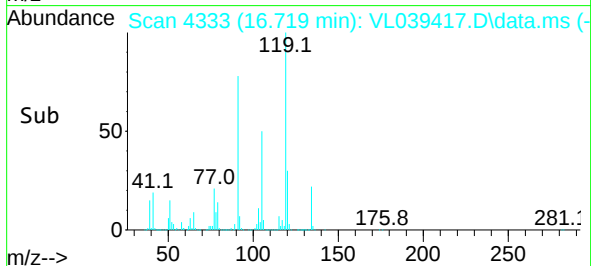
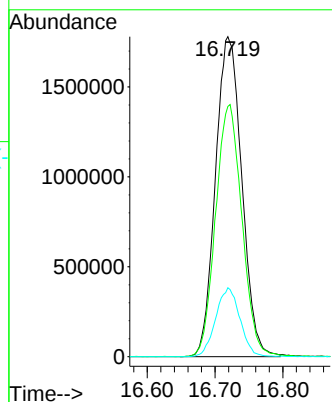
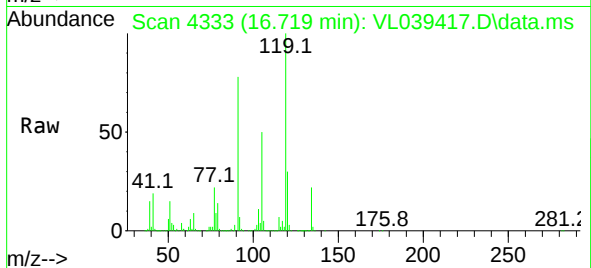
134 19.9 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#66

Benzyl Chloride

Concen: 10.623 ppbv

RT: 16.963 min Scan# 4409

Delta R.T. 0.000 min

Lab File: VL039417.D

Acq: 30 Jun 2022 9:50

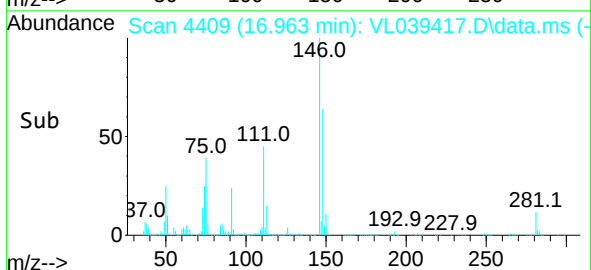
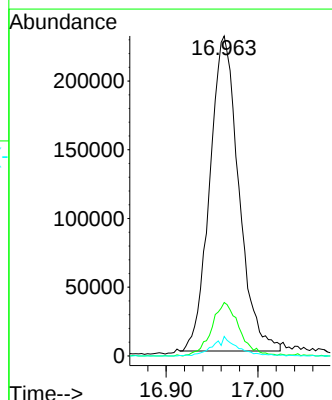
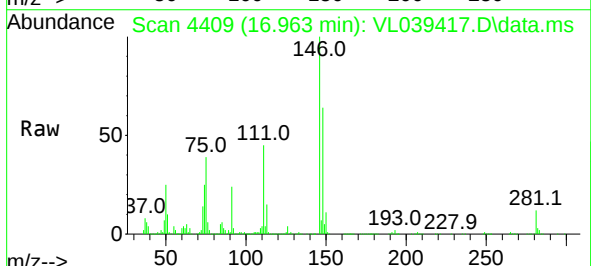
Tgt Ion: 91 Resp: 504446

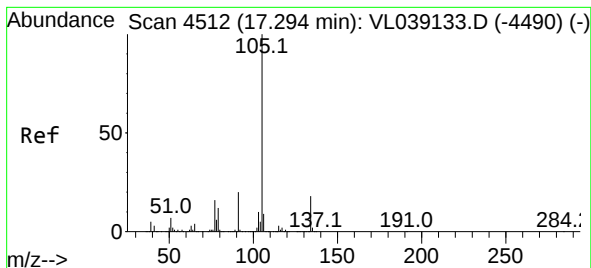
Ion Ratio Lower Upper

91 100

126 16.6 13.1 19.7

128 5.3 4.4 6.6





#67

sec-Butylbenzene

Concen: 9.822 ppbv

RT: 17.269 min Scan# 41

Delta R.T. 0.000 min

Lab File: VL039417.D

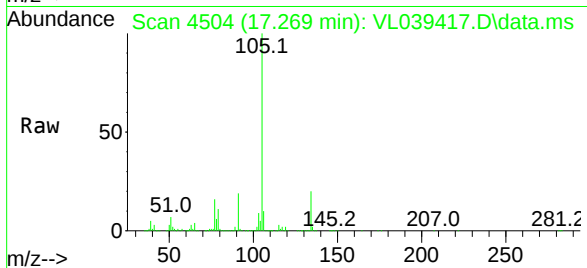
Acq: 30 Jun 2022 9:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:105 Resp: 6610740

Ion Ratio Lower Upper

105 100

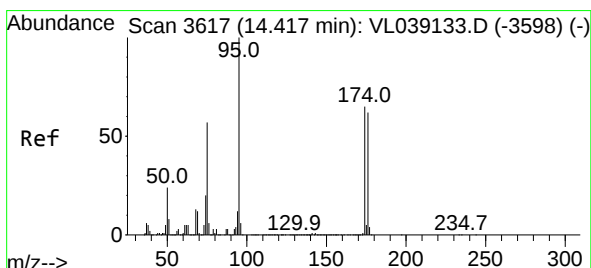
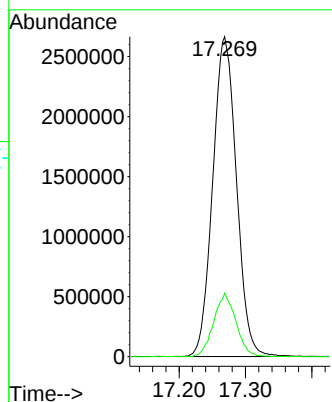
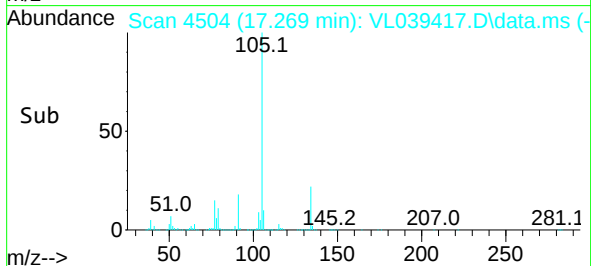
134 18.7 14.8 22.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.867 ppbv

RT: 14.391 min Scan# 3609

Delta R.T. 0.000 min

Lab File: VL039417.D

Acq: 30 Jun 2022 9:50

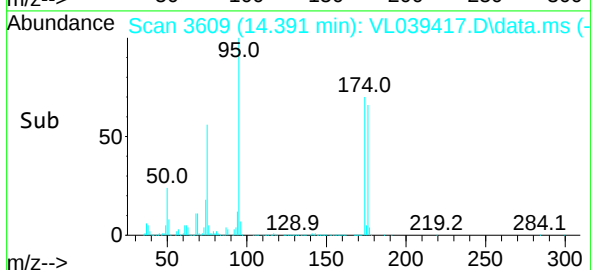
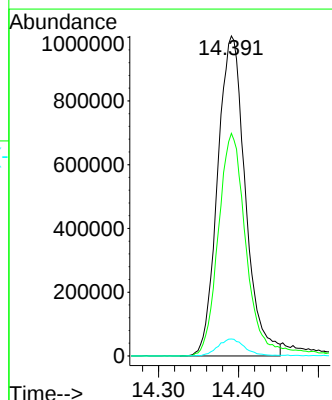
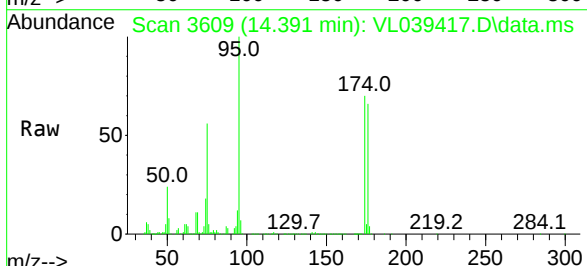
Tgt Ion: 95 Resp: 2411198

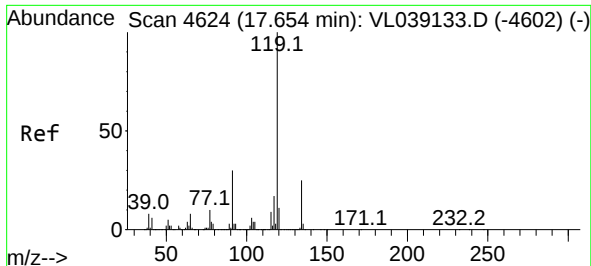
Ion Ratio Lower Upper

95 100

174 71.7 55.9 83.9

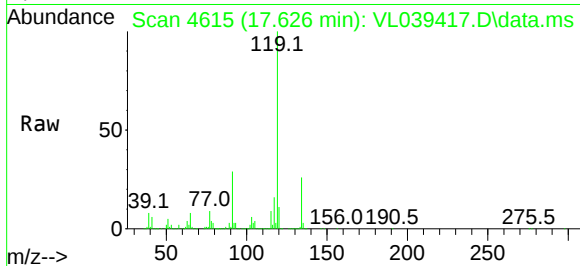
175 5.3 4.2 6.4





#69
p-Isopropyltoluene
Concen: 9.922 ppbv
RT: 17.626 min Scan# 4615
Delta R.T. 0.000 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

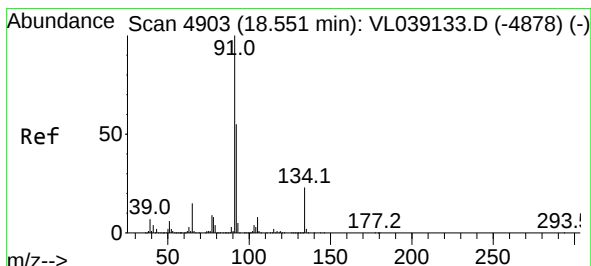
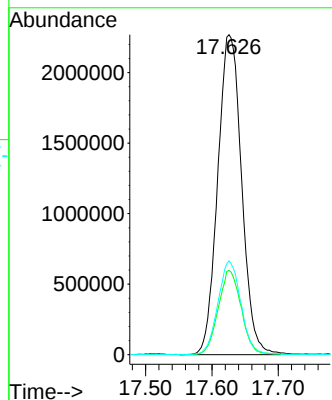
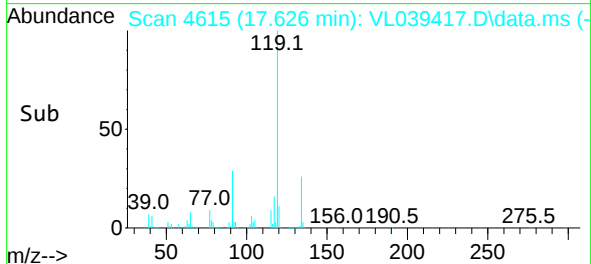
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



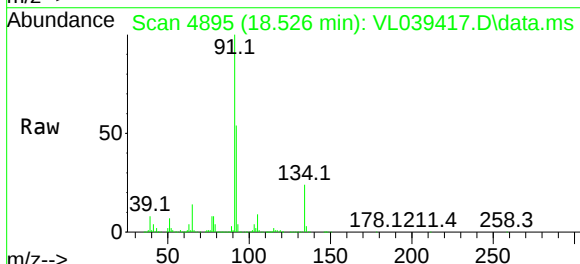
Tgt Ion: 119 Resp: 5666420
Ion Ratio Lower Upper
119 100
134 25.4 20.3 30.5
91 28.2 22.9 34.3

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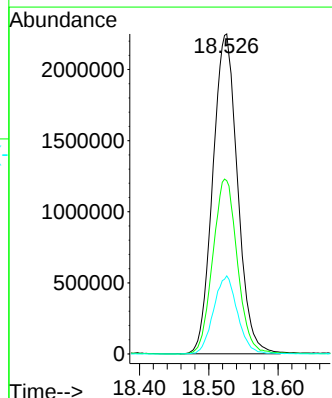
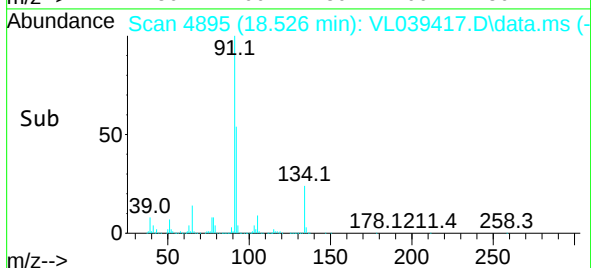
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022

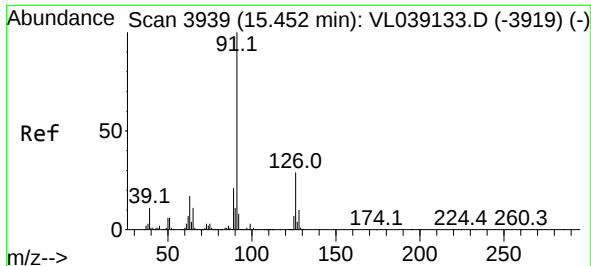


#70
n-Butylbenzene
Concen: 10.058 ppbv
RT: 18.526 min Scan# 4895
Delta R.T. 0.003 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50



Tgt Ion: 91 Resp: 5575046
Ion Ratio Lower Upper
91 100
92 54.6 43.4 65.2
134 23.7 18.9 28.3





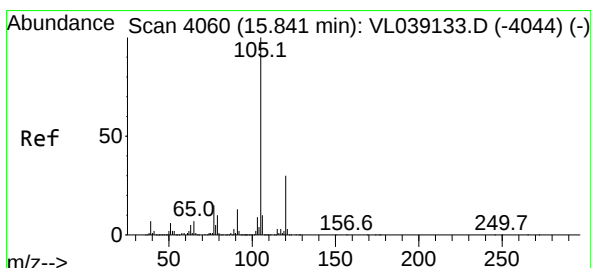
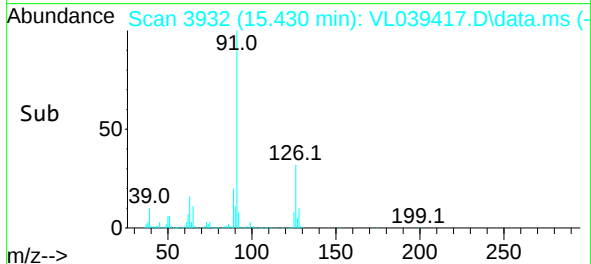
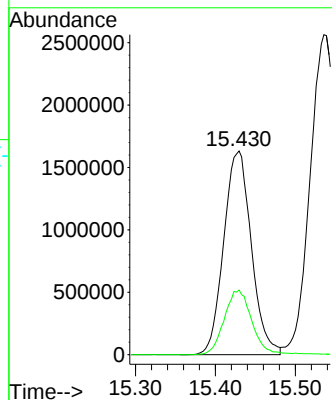
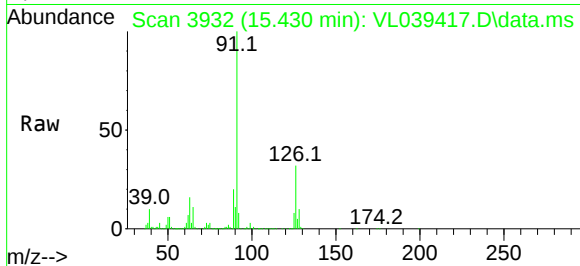
#71
2-Chlorotoluene
Concen: 10.125 ppbv
RT: 15.430 min Scan# 3918
Delta R.T. 0.003 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 3918510
Ion Ratio Lower Upper
91 100
126 32.2 13.0 51.8

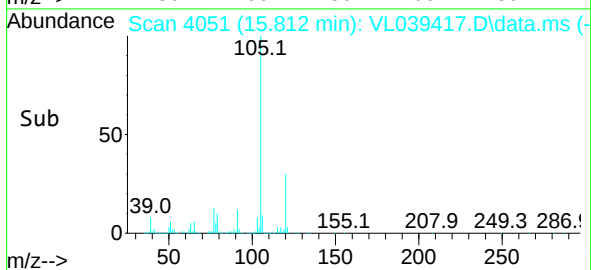
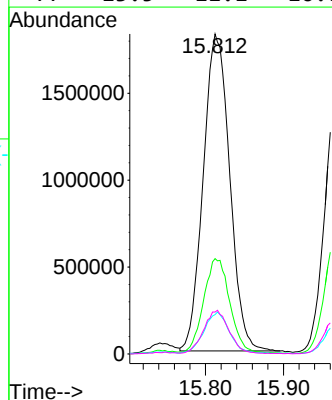
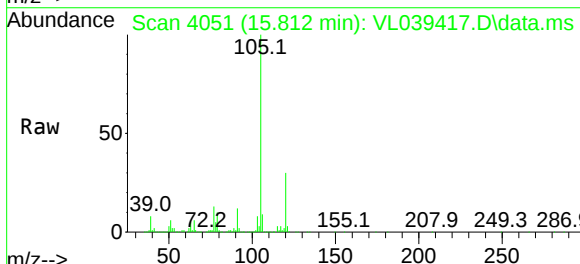
Manual Integrations
APPROVED

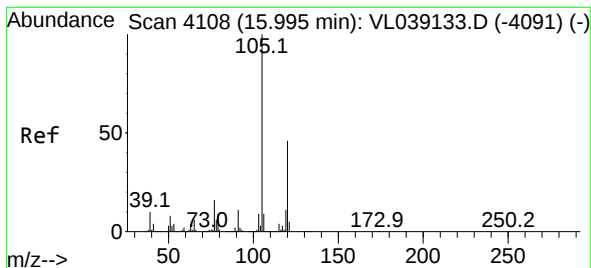
Reviewed By :Semsettin Yesilyurt 07/01/2022
Supervised By :Mahesh Dadoda 07/01/2022



#72
4-Ethyltoluene
Concen: 10.326 ppbv
RT: 15.812 min Scan# 4051
Delta R.T. -0.003 min
Lab File: VL039417.D
Acq: 30 Jun 2022 9:50

Tgt Ion:105 Resp: 4310988
Ion Ratio Lower Upper
105 100
120 30.3 24.2 36.2
91 12.6 10.2 15.4
77 13.5 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 10.250 ppbv

RT: 15.970 min Scan# 4108

Delta R.T. -0.003 min

Lab File: VL039417.D

Acq: 30 Jun 2022 9:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:105 Resp: 393050

Ion Ratio Lower Upper

105 100

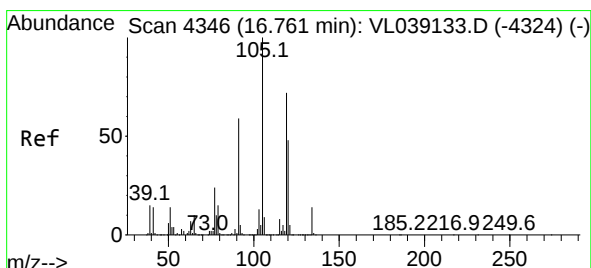
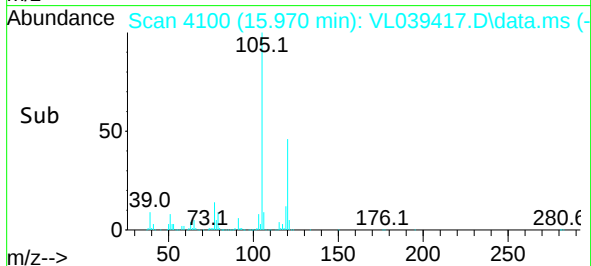
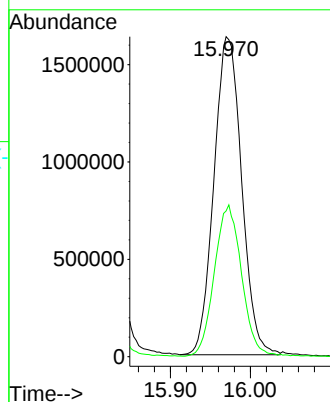
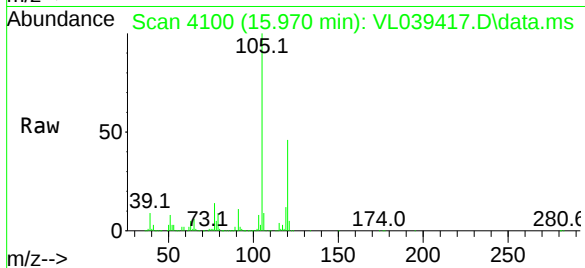
120 45.6 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#74

1,2,4-Trimethylbenzene

Concen: 9.911 ppbv

RT: 16.738 min Scan# 4339

Delta R.T. 0.000 min

Lab File: VL039417.D

Acq: 30 Jun 2022 9:50

Tgt Ion:105 Resp: 4204272

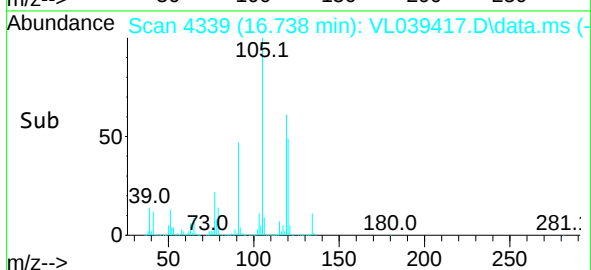
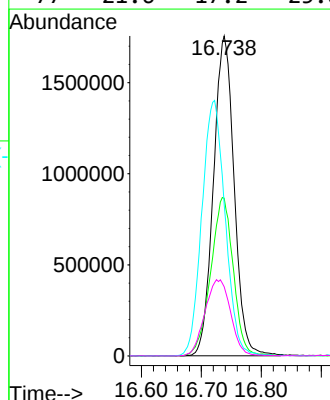
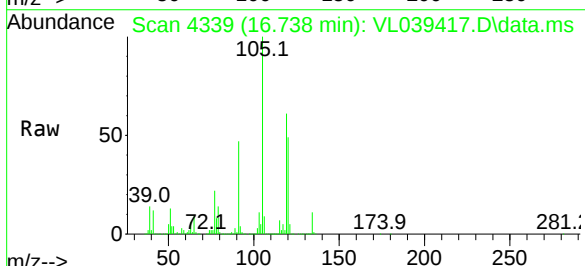
Ion Ratio Lower Upper

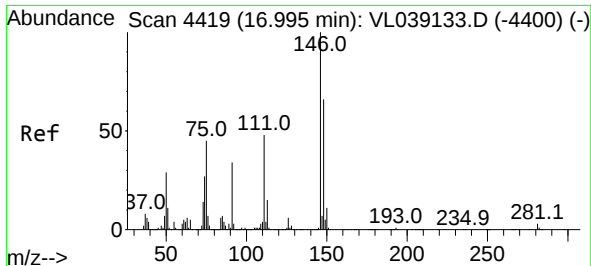
105 100

120 49.2 39.5 59.3

91 47.0 39.2 58.8

77 21.6 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 9.916 ppbv

RT: 16.970 min Scan# 4419

Delta R.T. 0.000 min

Lab File: VL039417.D

Acq: 30 Jun 2022 9:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 2509029

Ion Ratio Lower Upper

146 100

111 45.8 22.9 68.7

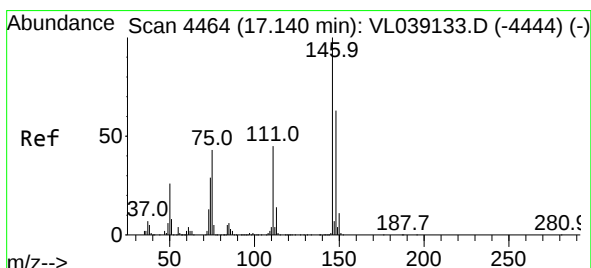
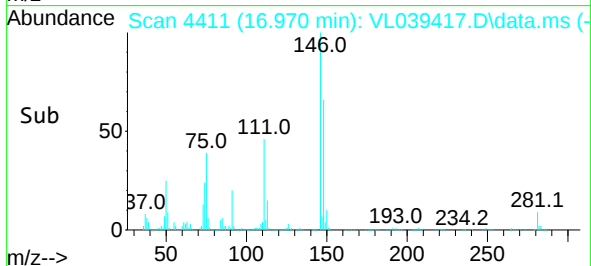
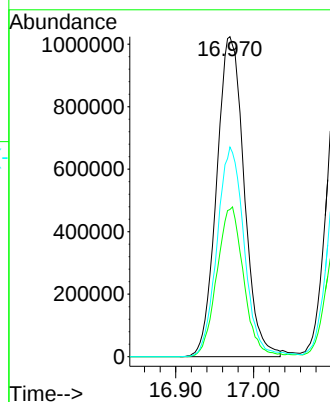
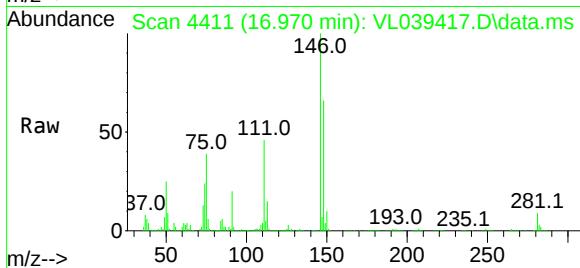
148 64.7 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#76

1,4-Dichlorobenzene

Concen: 9.676 ppbv

RT: 17.114 min Scan# 4456

Delta R.T. 0.003 min

Lab File: VL039417.D

Acq: 30 Jun 2022 9:50

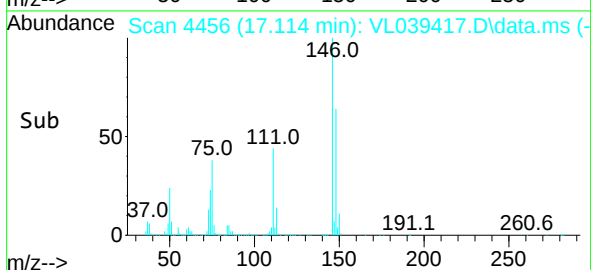
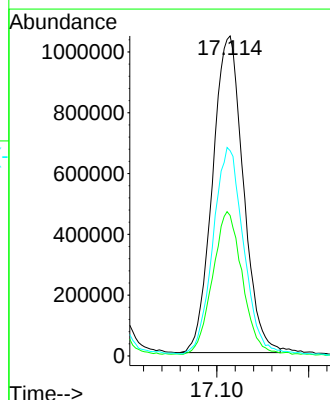
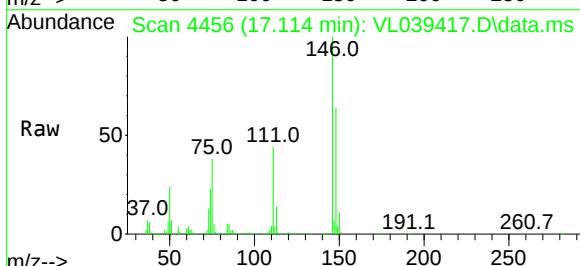
Tgt Ion:146 Resp: 2426724

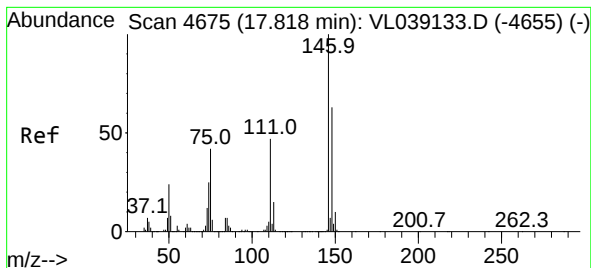
Ion Ratio Lower Upper

146 100

111 45.7 22.9 68.8

148 66.9 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 9.771 ppbv

RT: 17.790 min Scan# 4666

Delta R.T. -0.003 min

Lab File: VL039417.D

Acq: 30 Jun 2022 9:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 2450700

Ion Ratio Lower Upper

146 100

111 47.2 23.8 71.5

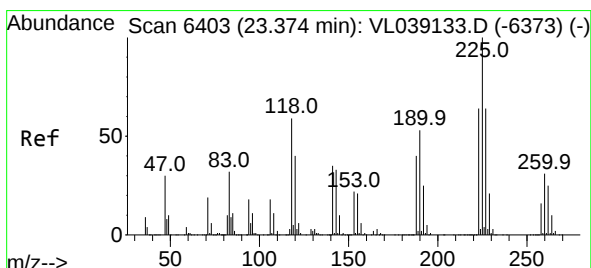
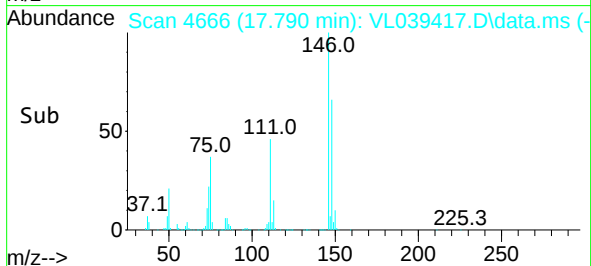
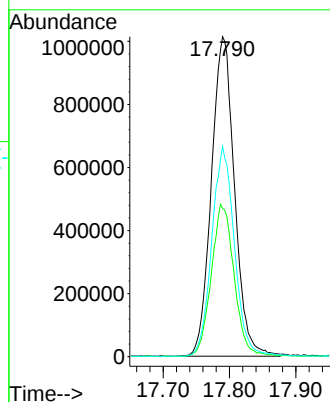
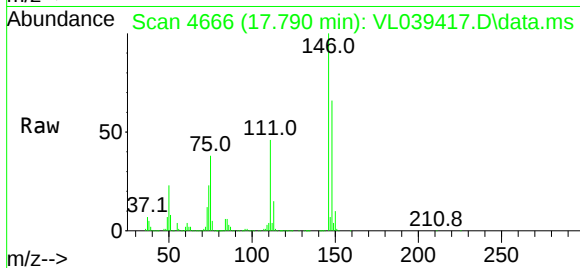
148 64.5 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#78

Hexachloro-1,3-Butadiene

Concen: 8.545 ppbv

RT: 23.349 min Scan# 6395

Delta R.T. 0.003 min

Lab File: VL039417.D

Acq: 30 Jun 2022 9:50

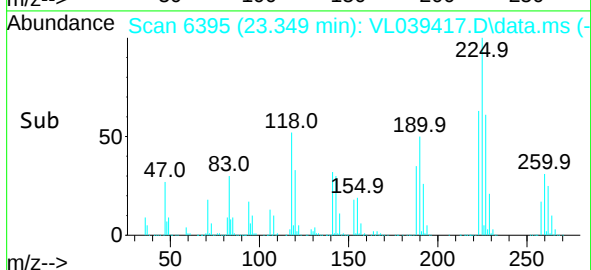
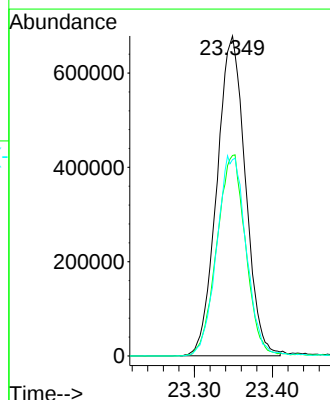
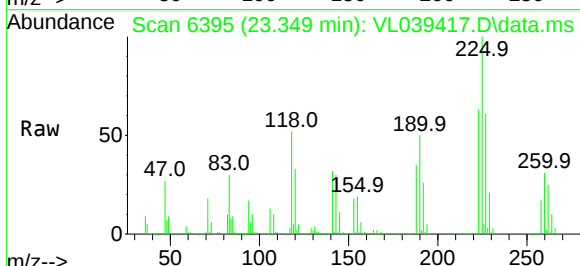
Tgt Ion:225 Resp: 1723682

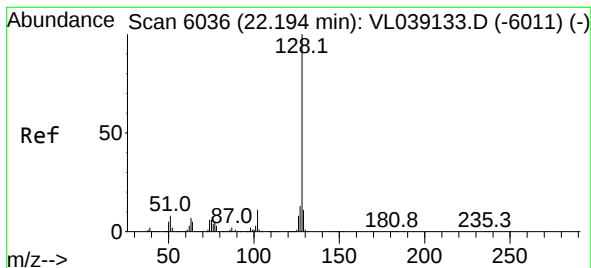
Ion Ratio Lower Upper

225 100

223 64.2 51.8 77.6

227 65.1 51.4 77.2





#79

Naphthalene

Concen: 11.745 ppbv

RT: 22.166 min Scan# 6036

Delta R.T. 0.006 min

Lab File: VL039417.D

Acq: 30 Jun 2022 9:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:128 Resp: 342853

Ion Ratio Lower Upper

128 100

127 12.1 10.6 15.8

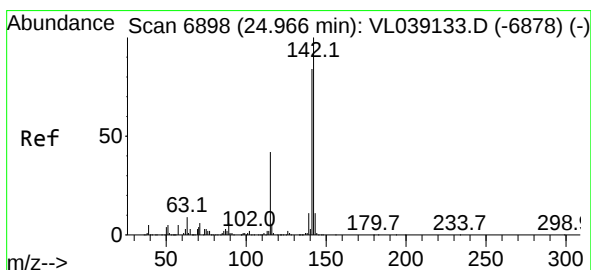
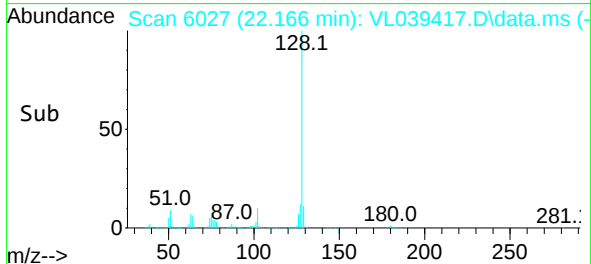
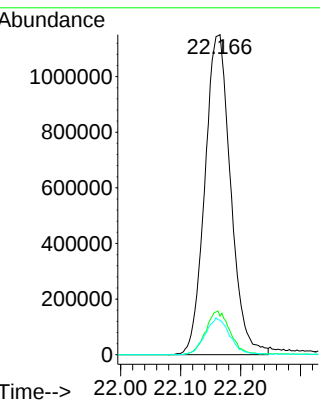
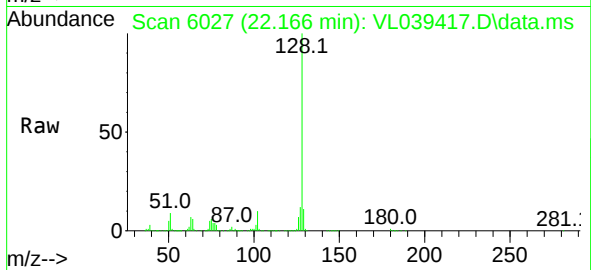
129 10.7 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022



#80

Naphthalene,2-methyl-

Concen: 12.032 ppbv

RT: 24.947 min Scan# 6892

Delta R.T. 0.003 min

Lab File: VL039417.D

Acq: 30 Jun 2022 9:50

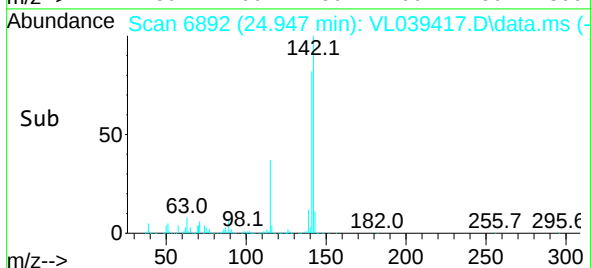
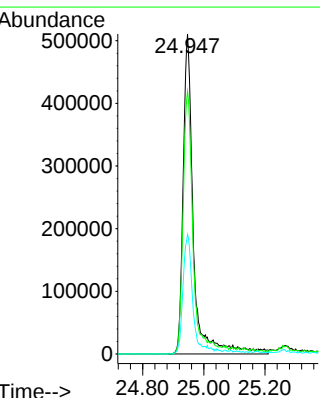
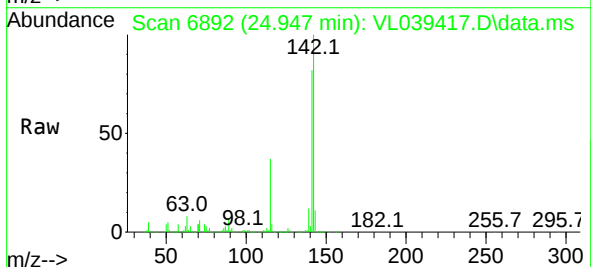
Tgt Ion:142 Resp: 1195449

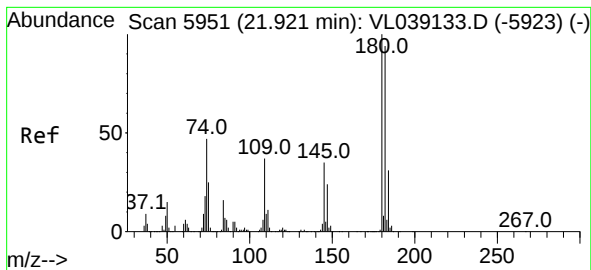
Ion Ratio Lower Upper

142 100

141 78.3 68.9 103.3

115 37.7 30.0 45.0





#81

1,2,4-Trichlorobenzene

Concen: 10.403 ppbv

RT: 21.895 min Scan# 5943

Delta R.T. 0.007 min

Lab File: VL039417.D

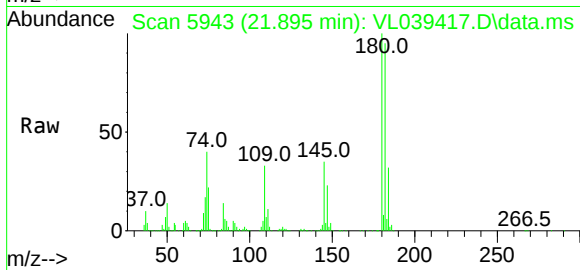
Acq: 30 Jun 2022 9:50

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:180 Resp: 1978020

Ion Ratio Lower Upper

180 100

182 96.1 77.1 115.7

184 30.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/01/2022

Supervised By :Mahesh Dadoda 07/01/2022

