

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL071922\
 Data File : VL039507.D
 Acq On : 20 Jul 2022 10:47
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0719ABS02

Quant Time: Jul 21 05:30:12 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 20 2022

QLast Update : Wed Jul 06 02:15:38 2022

Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 07/21/2022
 Supervised By : Mahesh Dadoda 07/21/2022

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

Internal Standards						
1) Bromochloromethane	5.677	49	960589	10.000	ppbv	0.03
33) 1,4-Difluorobenzene	7.185	114	2735386	10.000	ppbv	0.03
55) Chlorobenzene-d5	12.095	117	2699275m	10.000	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.426 95 2116713 10.571 ppbv 0.04
 Spiked Amount 10.000 Range 65 - 135 Recovery = 105.700%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.057	85	1000327	7.220	ppbv	100
3) Chlorodifluoromethane	2.996	51	1247293	10.235	ppbv	99
4) Chloromethane	3.147	50	682476	10.239	ppbv	98
5) Vinyl Chloride	3.266	62	652385	9.926	ppbv	97
6) Bromomethane	3.481	94	307603	11.120	ppbv	90
7) Chloroethane	3.568	64	252018	10.780	ppbv	97
8) Dichlorotetrafluoroethane	3.195	85	1441772	9.526	ppbv	99
9) Propene	3.018	41	513076	9.322	ppbv	100
10) Heptane	8.134	43	1416433	10.988	ppbv	100
11) Trichlorofluoromethane	3.960	101	1680129	10.882	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.494	101	1209340	10.507	ppbv	100
13) Ethanol	3.604	45	37839m	11.850	ppbv	
14) Bromoethene	3.748	108	522414	10.796	ppbv	98
15) Acetone	3.854	43	1261141	11.097	ppbv	99
16) 1,3-Butadiene	3.337	39	638503	10.828	ppbv	99
17) tert-Butyl alcohol	4.288	59	1127555	11.690	ppbv	100
18) 1,1-Dichloroethene	4.298	96	545077	10.453	ppbv	98
19) Isopropyl Alcohol	3.964	45	656777	10.835	ppbv	98
20) Methylene Chloride	4.356	84	460428	10.165	ppbv	95
21) Allyl Chloride	4.420	41	839591	10.667	ppbv	100
22) trans-1,2-Dichloroethene	4.893	96	556202	11.019	ppbv	95
23) Vinyl Acetate	5.079	43	949214	12.498	ppbv	99
24) 1,1-Dichloroethane	5.022	63	1163971	10.852	ppbv	98
25) Ethyl Acetate	5.684	43	2563166	11.000	ppbv	100
26) Hexane	5.697	57	1099700	11.708	ppbv	100
27) Carbon Disulfide	4.559	76	1314767	11.596	ppbv	100
28) Methyl tert-Butyl Ether	5.044	73	1095228	10.905	ppbv	98
29) Chloroform	5.761	83	1773032	10.855	ppbv	99
30) Cyclohexane	7.140	84	936969	10.957	ppbv	98
31) cis-1,2-Dichloroethene	5.558	61	1088937	10.926	ppbv	99
32) 1,1,1-Trichloroethane	6.523	97	1799795	11.164	ppbv	99
34) 2-Butanone	5.250	43	1534886	11.147	ppbv	100
35) Carbon Tetrachloride	7.031	117	1932133	11.431	ppbv	100
36) Benzene	6.902	78	2260983	10.680	ppbv	96
37) 1,2-Dichloroethane	6.314	62	1358211	10.869	ppbv	99
38) Trichloroethene	7.845	130	1255107	10.961	ppbv	97
39) 1,2-Dichloropropane	7.626	63	835048	10.558	ppbv	95
40) 1,4-Dioxane	7.838	88	325099	10.315	ppbv #	1
41) Tetrahydrofuran	6.060	42	857193	10.743	ppbv	99
42) Bromodichloromethane	7.803	83	1935771	11.489	ppbv	99
43) Methyl Methacrylate	8.021	69	928849	11.539	ppbv	99
44) 2,2,4-Trimethylpentane	7.880	57	3775144	10.523	ppbv	99
45) t-1,3-Dichloropropene	9.288	75	965122m	13.466	ppbv	

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 VL0719ABS02

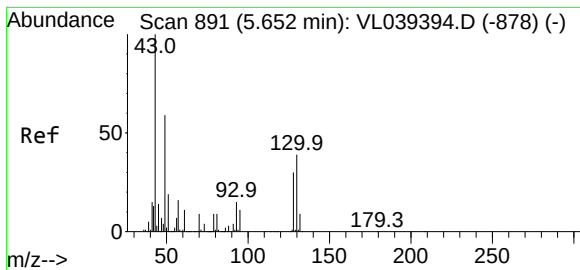
Quant Time: Jul 21 05:30:12 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL062922AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 20 2022
 QLast Update : Wed Jul 06 02:15:38 2022
 Response via : Initial Calibration

Manual Integrations
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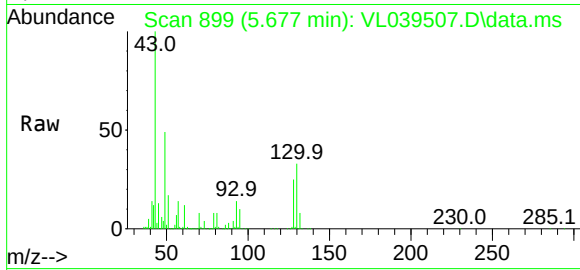
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.713	75	1251992	12.691	ppbv	100
47) 1,1,2-Trichloroethane	9.488	97	967955	10.908	ppbv	98
48) Dibromochloromethane	10.317	129	1730716	12.271	ppbv	99
49) Bromoform	13.050	173	1445071	12.700	ppbv	99
50) 4-Methyl-2-Pentanone	8.751	43	2399734	11.526	ppbv	99
51) 2-Hexanone	10.140	43	1877982	11.925	ppbv #	100
52) Tetrachloroethene	11.233	164	913941	10.724	ppbv	97
53) Toluene	9.819	91	2759324	11.300	ppbv	99
54) 1,2-Dibromoethane	10.623	107	1285310	11.640	ppbv	97
56) 1,1,1,2-Tetrachloroethane	12.137	131	1277971	10.717	ppbv	94
57) Chlorobenzene	12.159	112	2174101	10.389	ppbv	98
58) Ethyl Benzene	12.722	91	3761068	10.791	ppbv	99
59) m/p-Xylene	13.008	91	6486186m	21.108	ppbv	
60) o-Xylene	13.703	91	3124240	10.737	ppbv	99
61) Styrene	13.539	104	1894353	12.018	ppbv	100
62) Isopropylbenzene	14.677	105	4645407	10.484	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.687	83	1440162	9.443	ppbv	99
64) n-propylbenzene	15.574	120	1227570	10.930	ppbv	99
65) tert-Butylbenzene	16.757	119	4282888	10.460	ppbv	99
66) Benzyl Chloride	16.995	91	514004m	13.210	ppbv	
67) sec-Butylbenzene	17.304	105	5889166	10.678	ppbv	99
69) p-Isopropyltoluene	17.664	119	5090178	10.877	ppbv	100
70) n-Butylbenzene	18.561	91	4983414	10.972	ppbv	100
71) 2-Chlorotoluene	15.462	91	3428746	10.812	ppbv	100
72) 4-Ethyltoluene	15.851	105	3883397	11.352	ppbv	99
73) 1,3,5-Trimethylbenzene	16.008	105	3447955	10.974	ppbv	97
74) 1,2,4-Trimethylbenzene	16.773	105	3789611	10.903	ppbv	99
75) 1,3-Dichlorobenzene	17.005	146	2261271	10.906	ppbv	100
76) 1,4-Dichlorobenzene	17.146	146	2221599	10.811	ppbv	98
77) 1,2-Dichlorobenzene	17.828	146	2207174	10.739	ppbv	99
78) Hexachloro-1,3-Butadiene	23.384	225	1568405	9.489	ppbv	99
79) Naphthalene	22.207	128	3119481	13.041	ppbv	99
80) Naphthalene,2-methyl-	24.976	142	1172918	14.407	ppbv	97
81) 1,2,4-Trichlorobenzene	21.934	180	1759759	11.295	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.677 min Scan# 84
Delta R.T. 0.026 min
Lab File: VL039507.D
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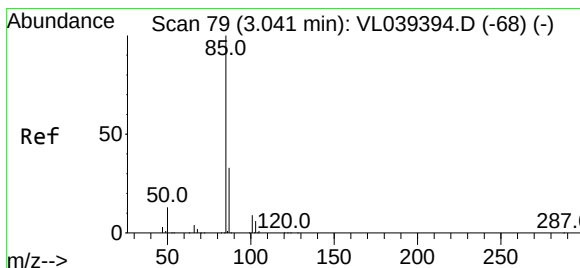
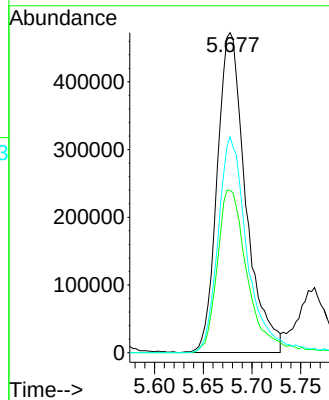
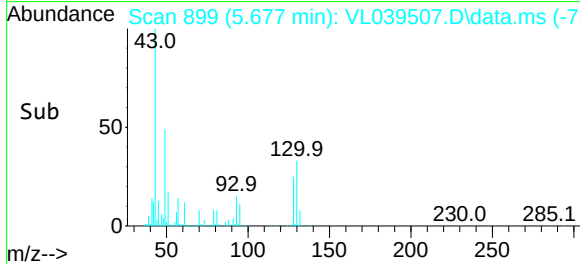
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS02



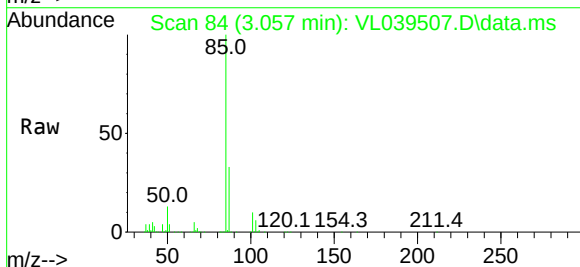
Tgt Ion: 49 Resp: 960589
Ion Ratio Lower Upper
49 100
128 55.0 26.7 80.0
130 71.3 34.3 102.8

Manual Integrations
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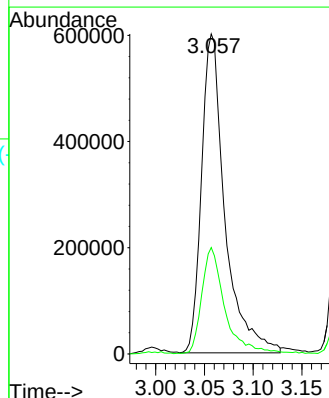
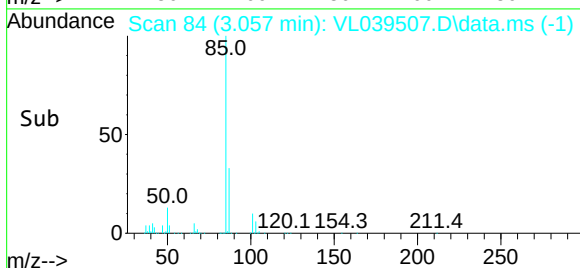
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

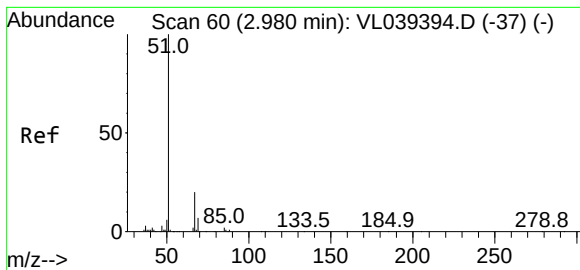


#2
Dichlorodifluoromethane
Concen: 7.220 ppbv
RT: 3.057 min Scan# 84
Delta R.T. 0.016 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47



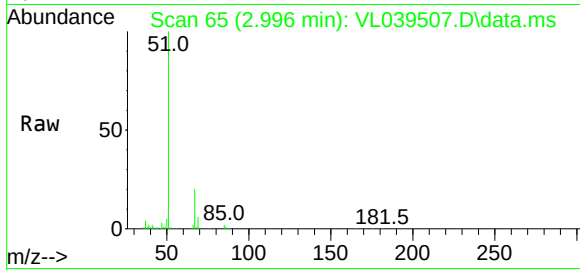
Tgt Ion: 85 Resp: 1000327
Ion Ratio Lower Upper
85 100
87 33.2 26.7 40.1





#3
Chlorodifluoromethane
Concen: 10.235 ppbv
RT: 2.996 min Scan# 60
Delta R.T. 0.016 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

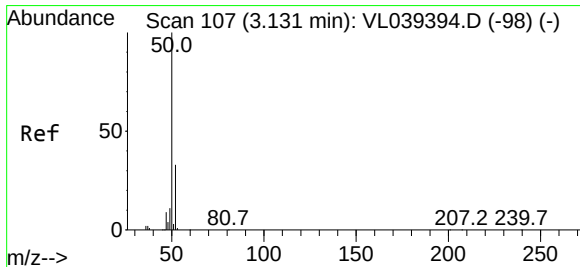
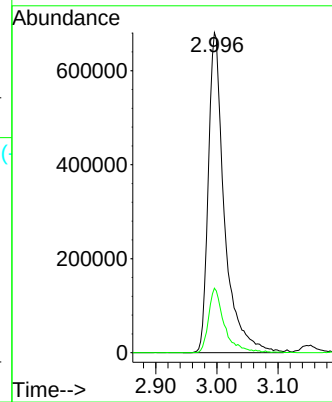
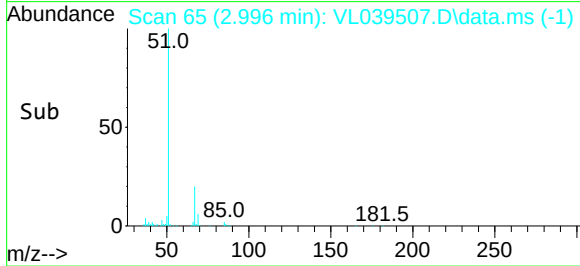
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS02



Tgt Ion: 51 Resp: 124729
Ion Ratio Lower Upper
51 100
67 20.0 15.7 23.5

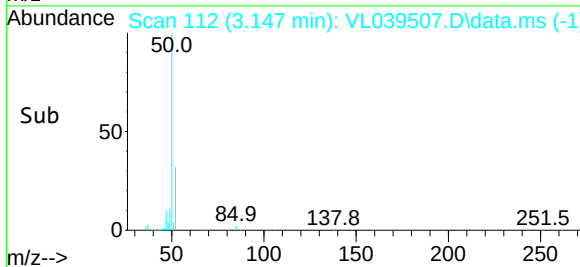
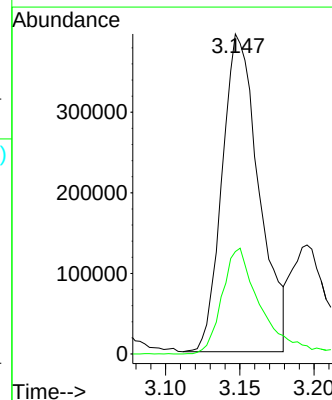
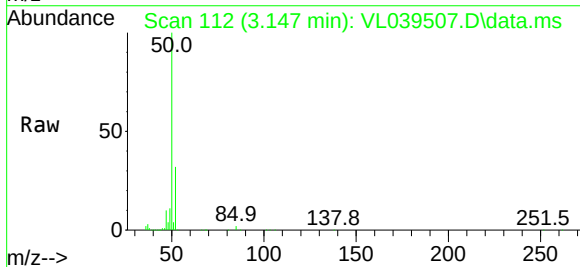
Manual Integrations
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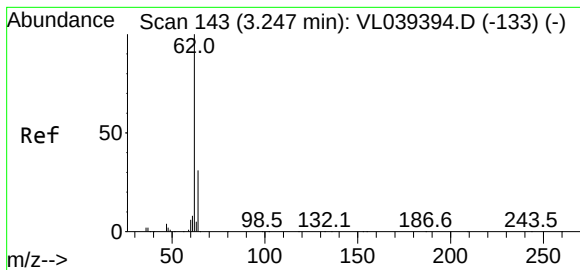
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#4
Chloromethane
Concen: 10.239 ppbv
RT: 3.147 min Scan# 112
Delta R.T. 0.016 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

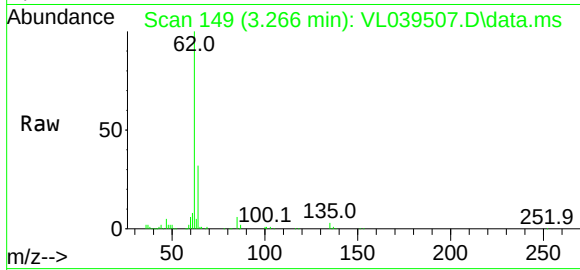
Tgt Ion: 50 Resp: 682476
Ion Ratio Lower Upper
50 100
52 32.2 26.5 39.7





#5
 Vinyl Chloride
 Concen: 9.926 ppbv
 RT: 3.266 min Scan# 143
 Delta R.T. 0.019 min
 Lab File: VL039507.D
 Acq: 20 Jul 2022 10:47

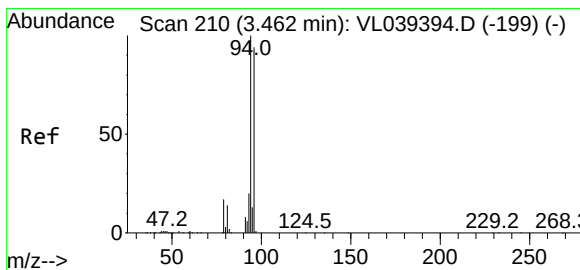
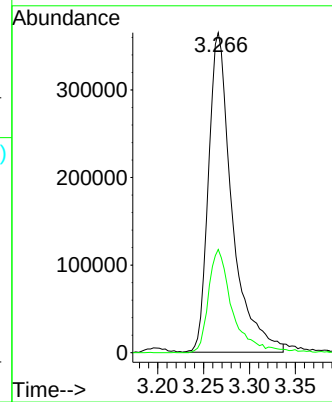
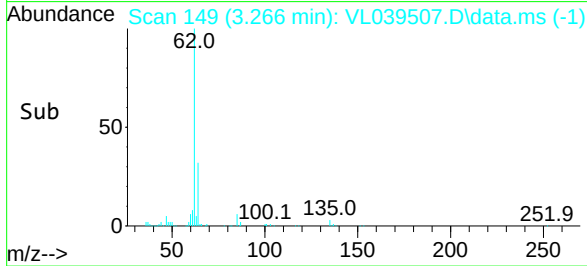
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0719ABS02



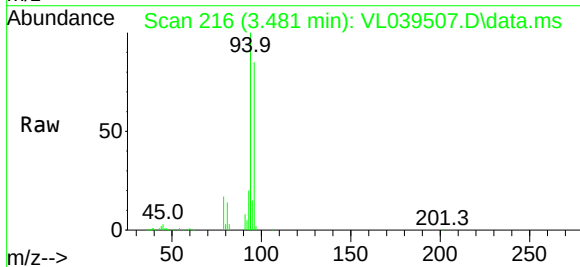
Tgt Ion: 62 Resp: 65238
 Ion Ratio Lower Upper
 62 100
 64 32.3 24.6 36.8

Manual Integrations
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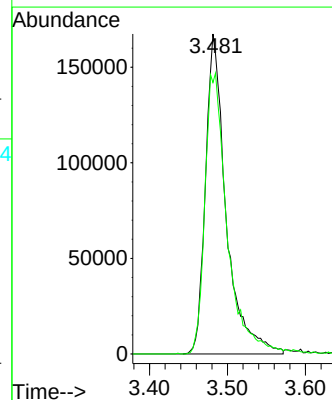
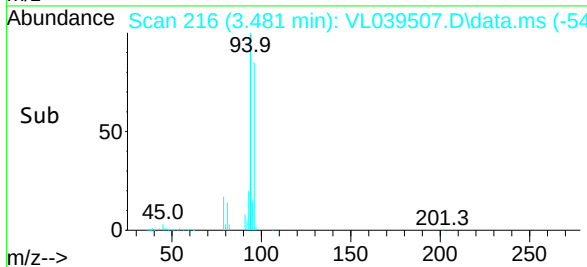
Reviewed By :Semsettin Yesilyurt 07/21/2022
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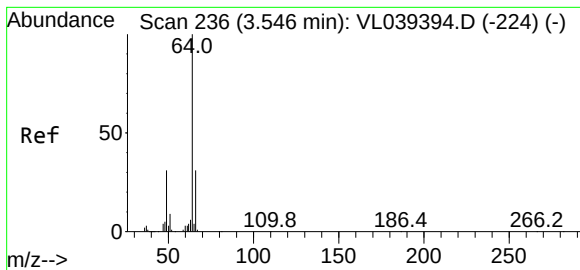


#6
 Bromomethane
 Concen: 11.120 ppbv
 RT: 3.481 min Scan# 216
 Delta R.T. 0.019 min
 Lab File: VL039507.D
 Acq: 20 Jul 2022 10:47



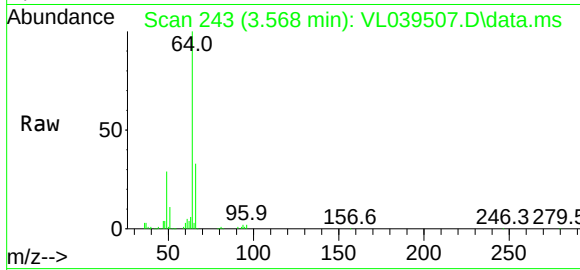
Tgt Ion: 94 Resp: 307603
 Ion Ratio Lower Upper
 94 100
 96 84.8 75.6 113.4





#7
Chloroethane
Concen: 10.780 ppbv
RT: 3.568 min Scan# 243
Delta R.T. 0.023 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

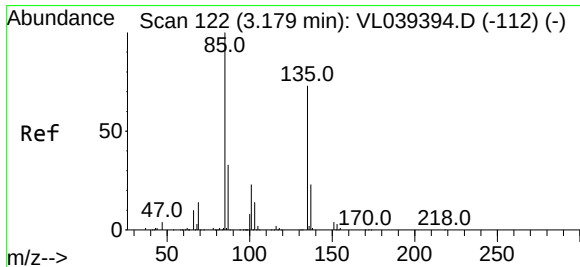
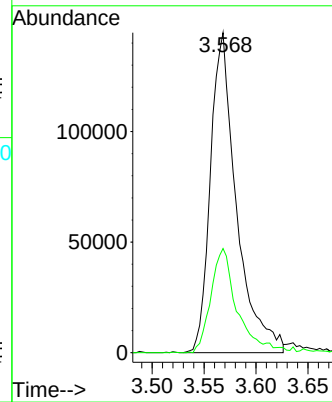
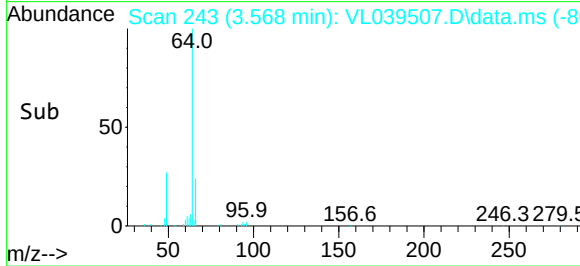
Instrument :
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ClientSampleId :
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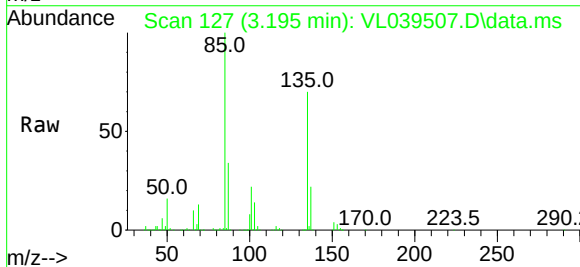
Tgt Ion: 64 Resp: 252018
Ion Ratio Lower Upper
64 100
66 32.5 24.7 37.1

Manual Integrations
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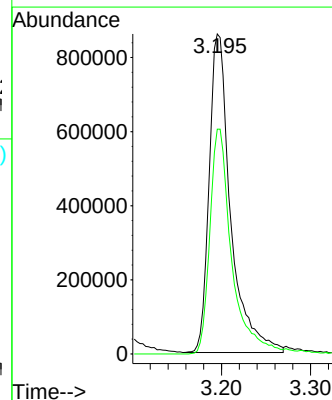
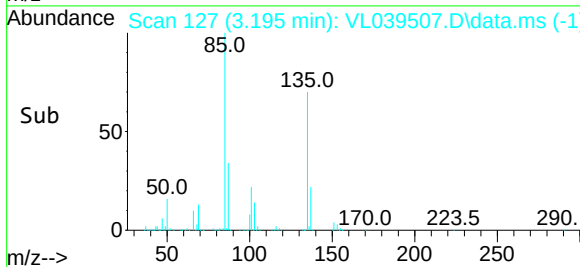
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

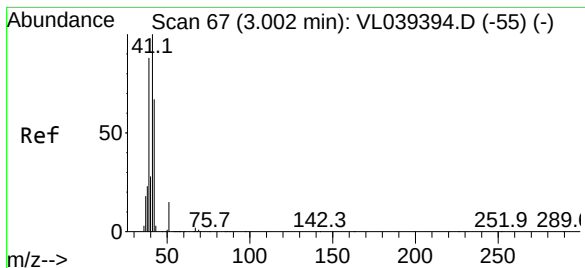


#8
Dichlorotetrafluoroethane
Concen: 9.526 ppbv
RT: 3.195 min Scan# 127
Delta R.T. 0.016 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47



Tgt Ion: 85 Resp: 1441772
Ion Ratio Lower Upper
85 100
135 72.6 59.0 88.4





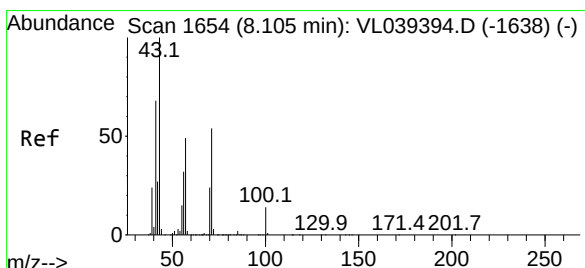
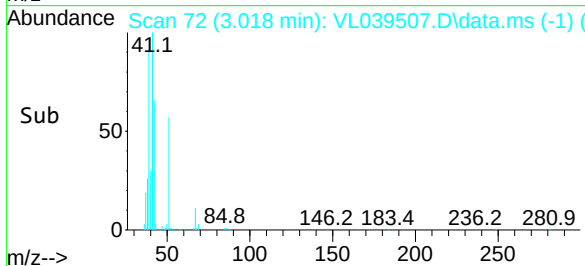
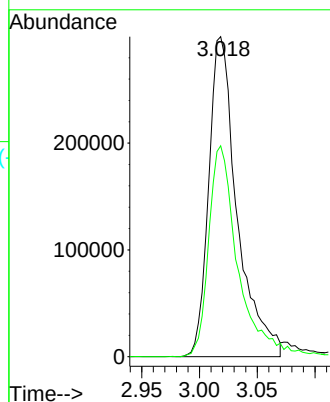
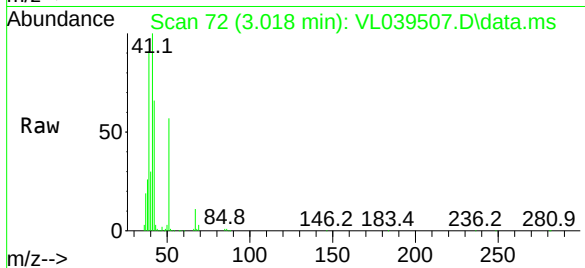
#9
 Propene
 Concen: 9.322 ppbv
 RT: 3.018 min Scan# 71
 Delta R.T. 0.016 min
 Lab File: VL039507.D
 Acq: 20 Jul 2022 10:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0719ABS02

Tgt Ion: 41 Resp: 513070
 Ion Ratio Lower Upper
 41 100
 42 68.9 55.2 82.8

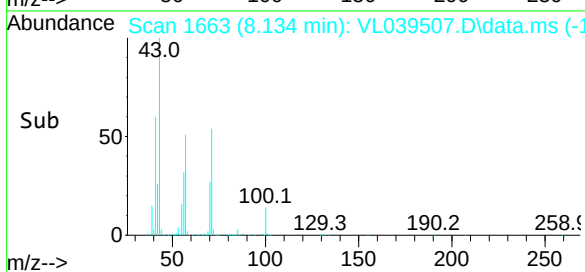
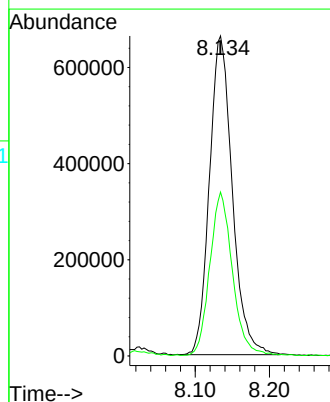
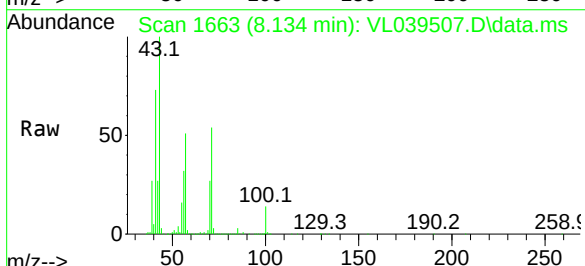
Manual Integrations
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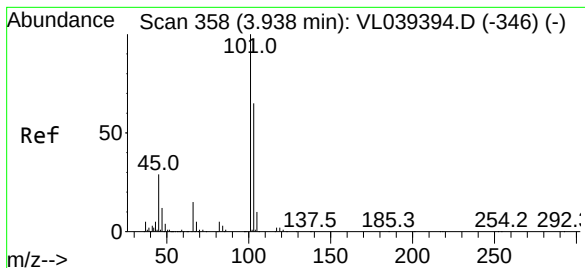
Reviewed By :Semsettin Yesilyurt 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022



#10
 Heptane
 Concen: 10.988 ppbv
 RT: 8.134 min Scan# 1663
 Delta R.T. 0.029 min
 Lab File: VL039507.D
 Acq: 20 Jul 2022 10:47

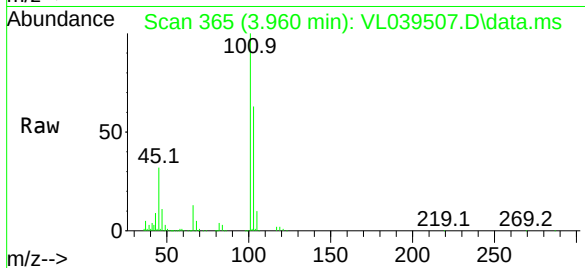
Tgt Ion: 43 Resp: 1416433
 Ion Ratio Lower Upper
 43 100
 57 50.8 40.5 60.7





#11
Trichlorofluoromethane
Concen: 10.882 ppbv
RT: 3.960 min Scan# 30
Delta R.T. 0.023 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

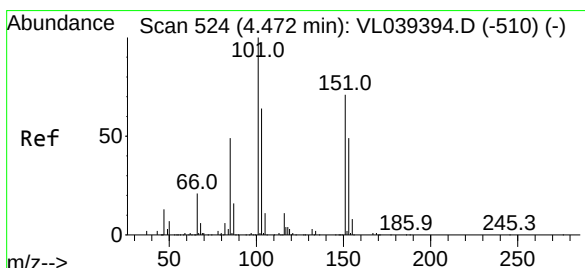
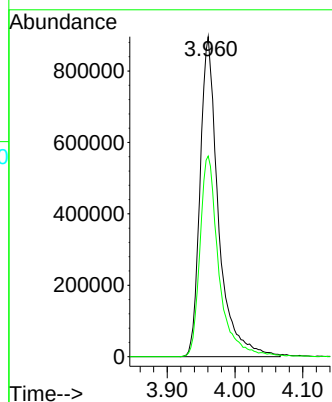
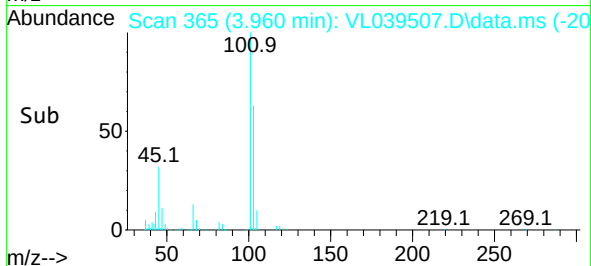
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS02



Tgt Ion:101 Resp: 1680129
Ion Ratio Lower Upper
101 100
103 62.7 51.8 77.8

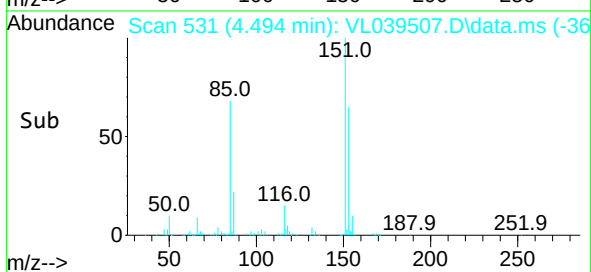
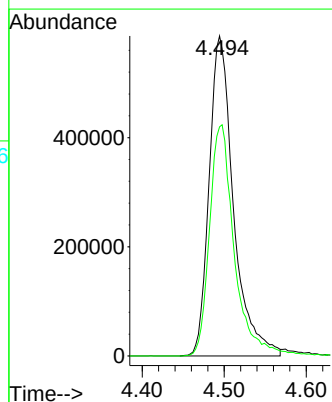
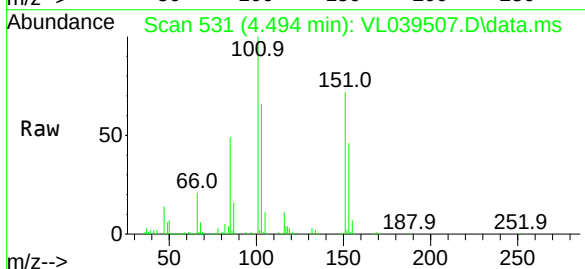
Manual Integrations
APPROVED

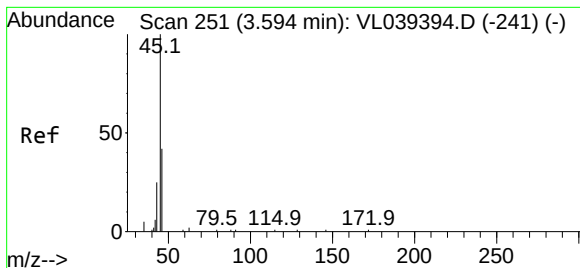
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.507 ppbv
RT: 4.494 min Scan# 531
Delta R.T. 0.023 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

Tgt Ion:101 Resp: 1209340
Ion Ratio Lower Upper
101 100
151 73.9 58.9 88.3





#13

Ethanol

Concen: 11.850 ppbv

RT: 3.604 min Scan# 21

Delta R.T. 0.010 min

Lab File: VL039507.D

Acq: 20 Jul 2022 10:47

Instrument :

MSVOA_L

ClientSampleId :

VL0719ABS02

Tgt Ion: 45 Resp: 37839

Ion Ratio Lower Upper

45 100

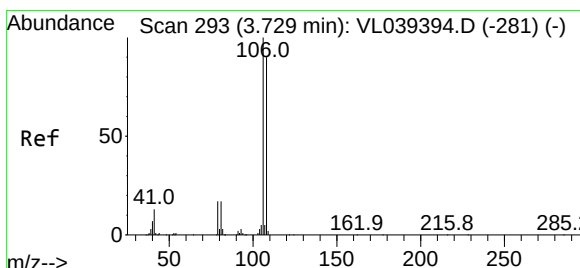
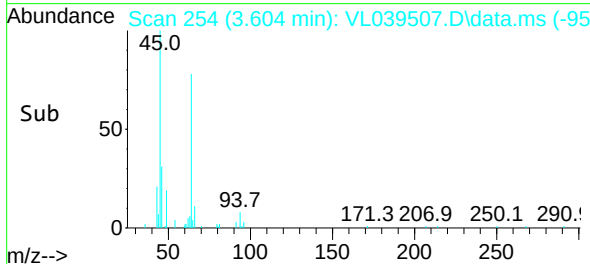
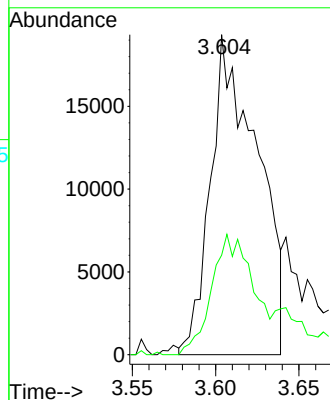
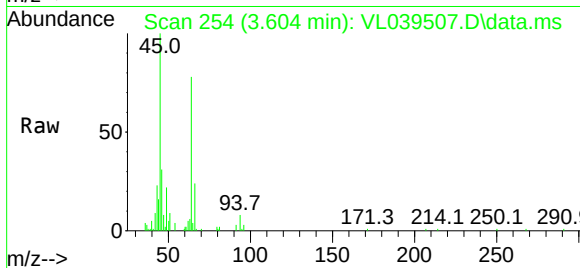
46 48.1 22.8 91.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#14

Bromoethene

Concen: 10.796 ppbv

RT: 3.748 min Scan# 299

Delta R.T. 0.019 min

Lab File: VL039507.D

Acq: 20 Jul 2022 10:47

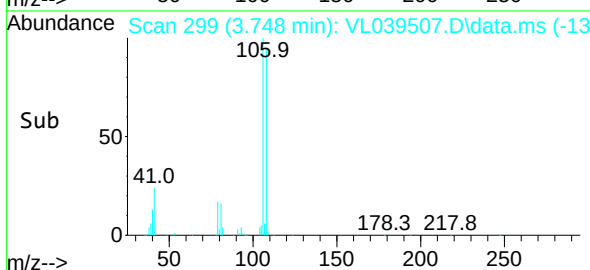
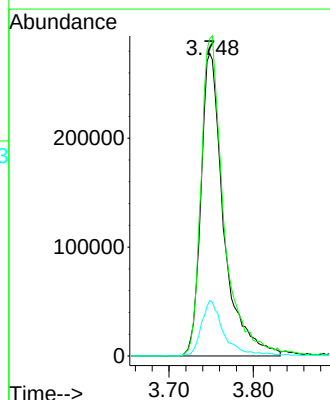
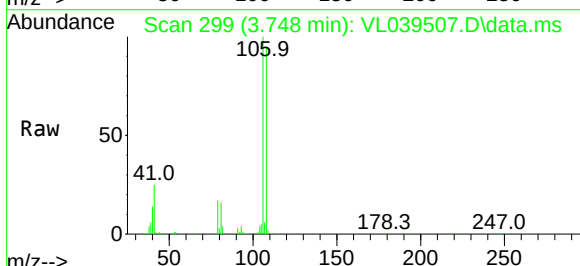
Tgt Ion:108 Resp: 522414

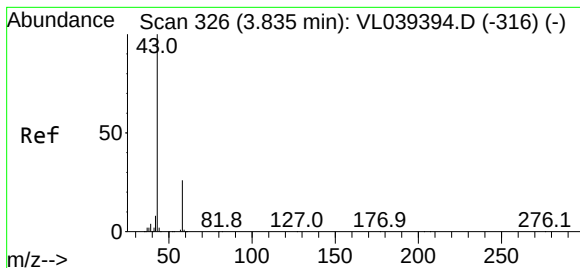
Ion Ratio Lower Upper

108 100

106 107.1 87.1 130.7

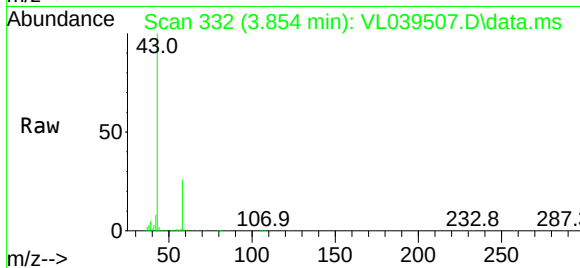
79 18.5 14.6 22.0





#15
Acetone
Concen: 11.097 ppbv
RT: 3.854 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

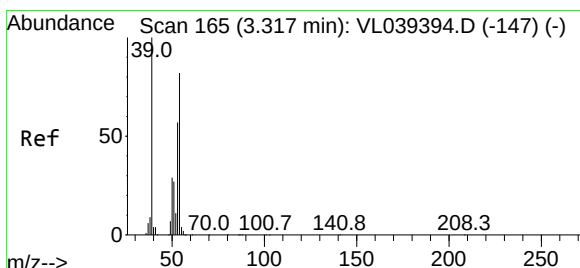
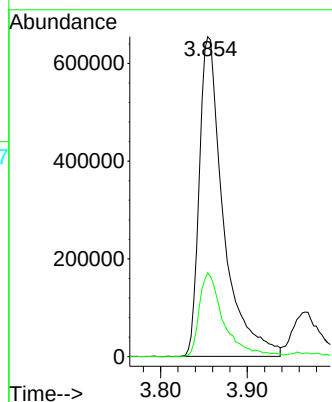
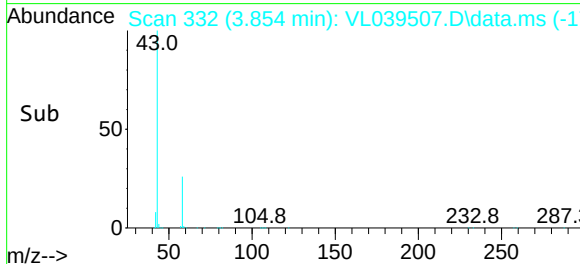
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS02



Tgt Ion: 43 Resp: 126114
Ion Ratio Lower Upper
43 100
58 26.8 21.0 31.6

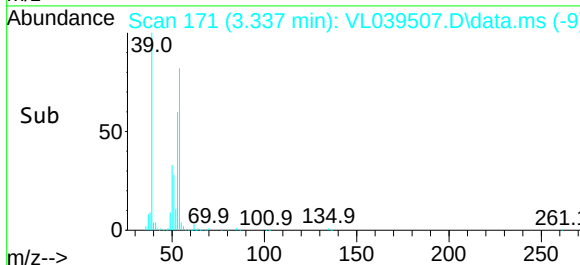
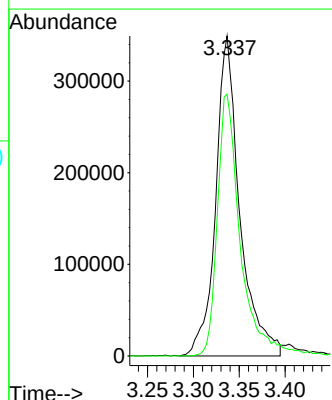
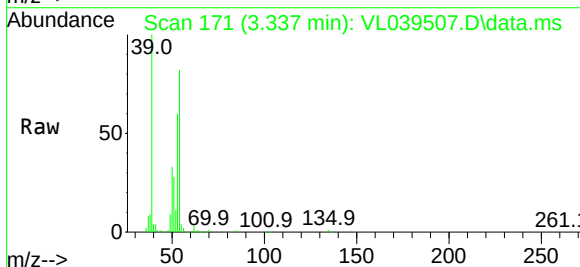
Manual Integrations
APPROVED

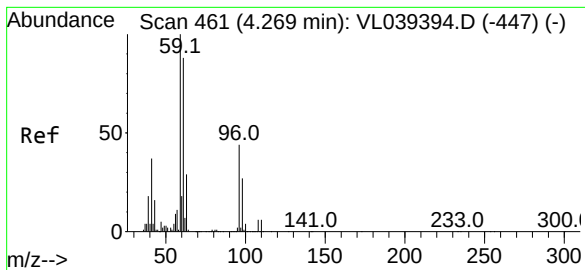
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#16
1,3-Butadiene
Concen: 10.828 ppbv
RT: 3.337 min Scan# 171
Delta R.T. 0.019 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

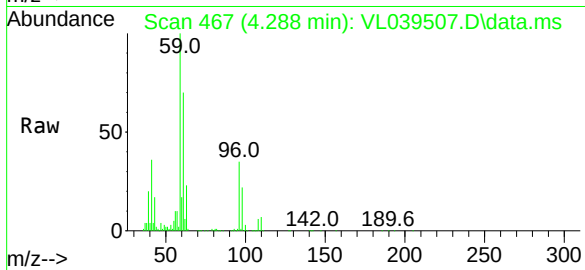
Tgt Ion: 39 Resp: 638503
Ion Ratio Lower Upper
39 100
54 78.9 63.7 95.5





#17
tert-Butyl alcohol
Concen: 11.690 ppbv
RT: 4.288 min Scan# 467
Delta R.T. 0.019 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

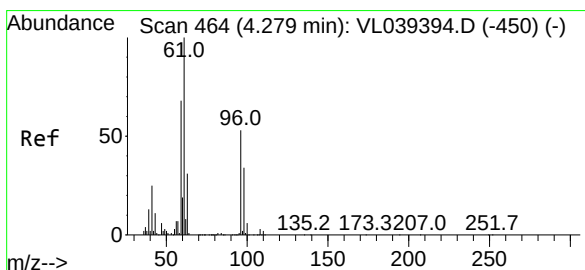
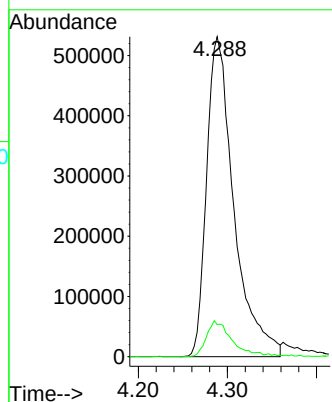
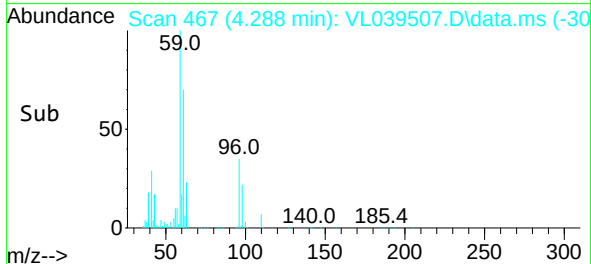
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS02



Tgt Ion: 59 Resp: 112755
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

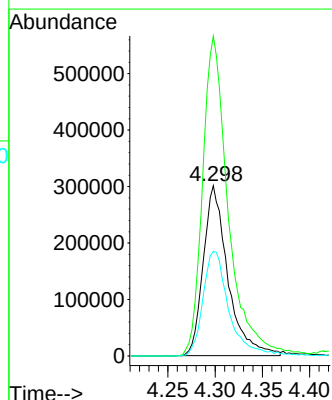
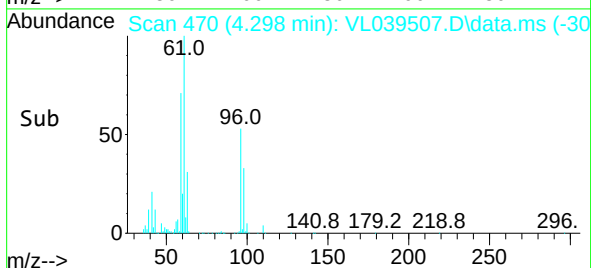
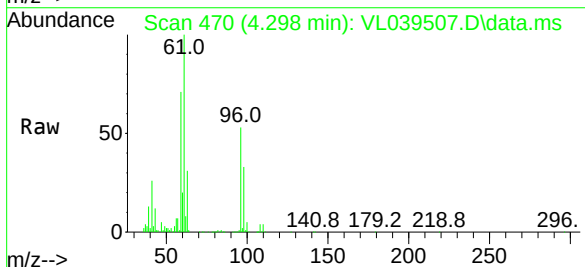
Manual Integrations
APPROVED

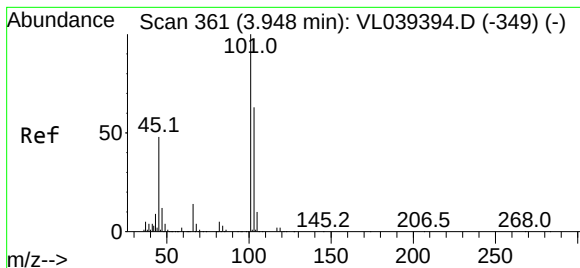
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#18
1,1-Dichloroethene
Concen: 10.453 ppbv
RT: 4.298 min Scan# 470
Delta R.T. 0.019 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

Tgt Ion: 96 Resp: 545077
Ion Ratio Lower Upper
96 100
61 187.9 152.2 228.4
98 61.3 51.8 77.6





#19

Isopropyl Alcohol

Concen: 10.835 ppbv

RT: 3.964 min Scan# 30

Delta R.T. 0.016 min

Lab File: VL039507.D

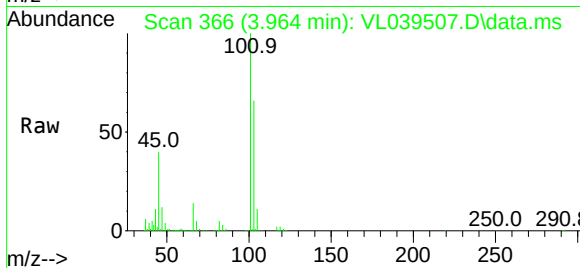
Acq: 20 Jul 2022 10:47

Instrument :

MSVOA_L

ClientSampleId :

VL0719ABS02



Tgt Ion: 45 Resp: 65677

Ion Ratio Lower Upper

45 100

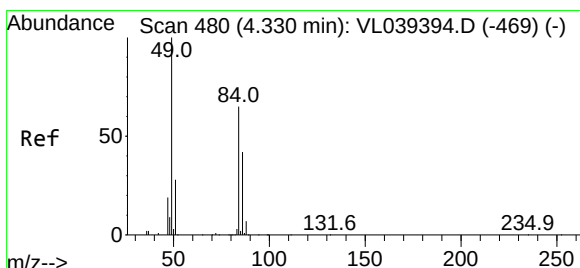
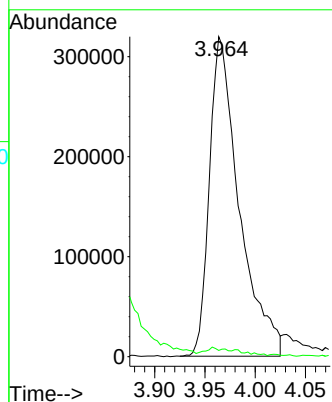
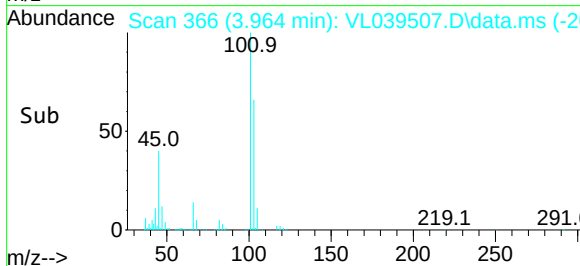
58 3.5 3.2 4.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#20

Methylene Chloride

Concen: 10.165 ppbv

RT: 4.356 min Scan# 488

Delta R.T. 0.026 min

Lab File: VL039507.D

Acq: 20 Jul 2022 10:47

Tgt Ion: 84 Resp: 460428

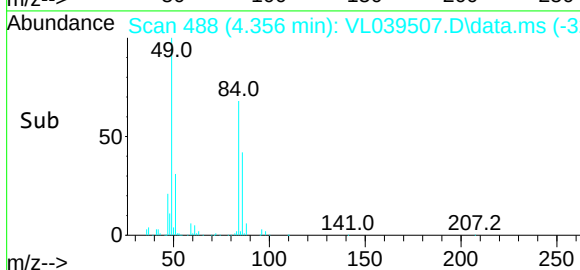
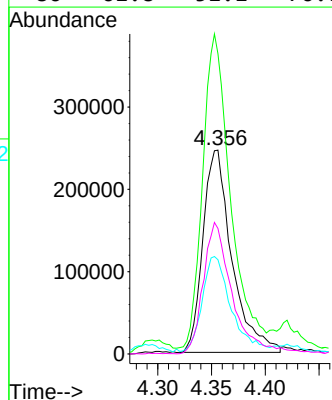
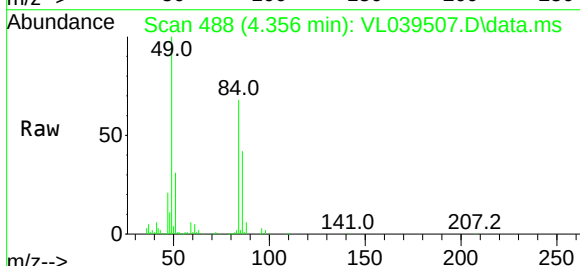
Ion Ratio Lower Upper

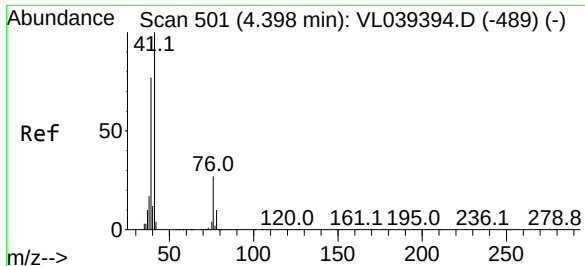
84 100

49 145.3 123.1 184.7

51 45.4 34.4 51.6

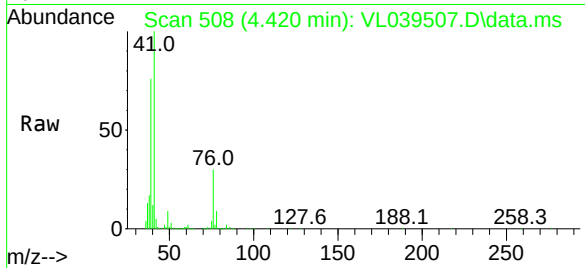
86 61.8 51.1 76.7





#21
 Allyl Chloride
 Concen: 10.667 ppbv
 RT: 4.420 min Scan# 501
 Delta R.T. 0.023 min
 Lab File: VL039507.D
 Acq: 20 Jul 2022 10:47

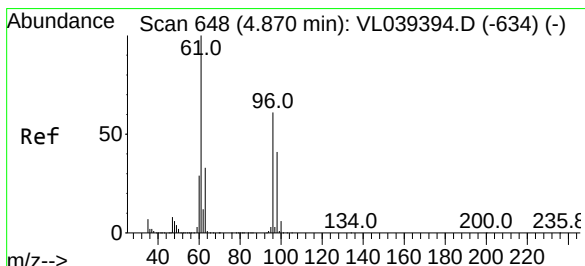
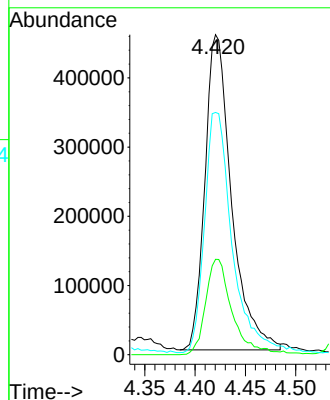
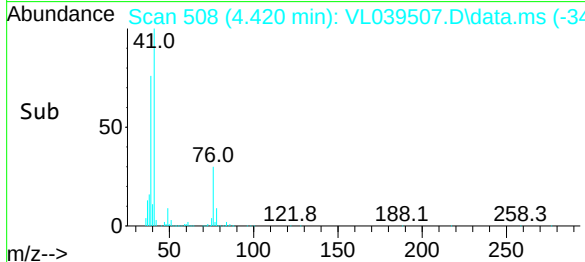
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0719ABS02



Tgt Ion: 41 Resp: 83959
 Ion Ratio Lower Upper
 41 100
 76 30.5 24.4 36.6
 39 79.8 63.5 95.3

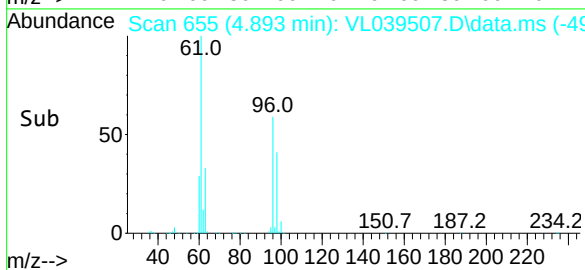
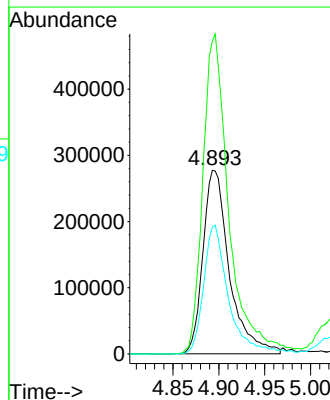
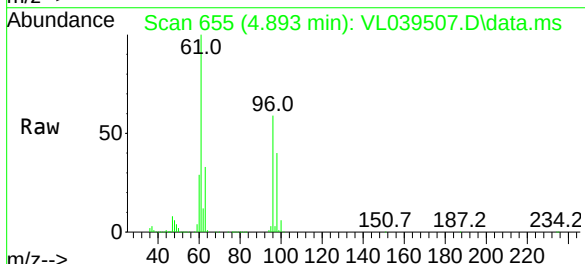
Manual Integrations
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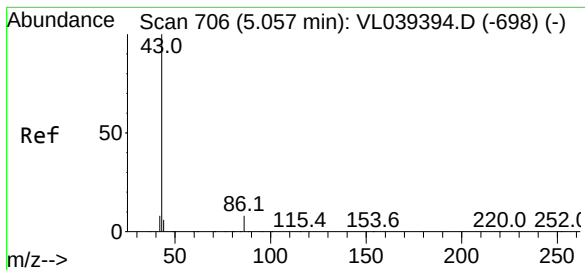
Reviewed By :Semsettin Yesilyurt 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022



#22
 trans-1,2-Dichloroethene
 Concen: 11.019 ppbv
 RT: 4.893 min Scan# 655
 Delta R.T. 0.023 min
 Lab File: VL039507.D
 Acq: 20 Jul 2022 10:47

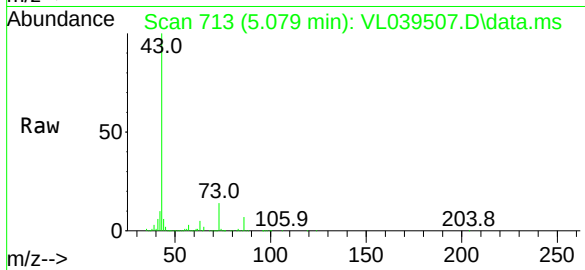
Tgt Ion: 96 Resp: 556202
 Ion Ratio Lower Upper
 96 100
 61 170.4 130.6 195.8
 98 69.0 53.4 80.0





#23
 Vinyl Acetate
 Concen: 12.498 ppbv
 RT: 5.079 min Scan# 706
 Delta R.T. 0.023 min
 Lab File: VL039507.D
 Acq: 20 Jul 2022 10:47

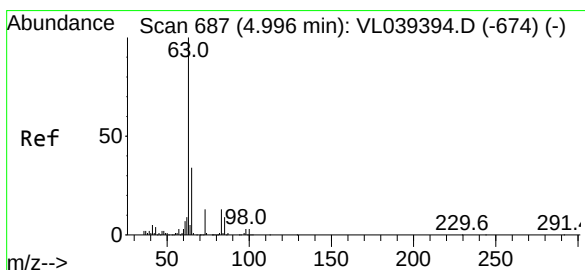
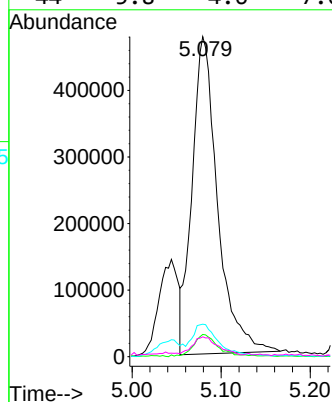
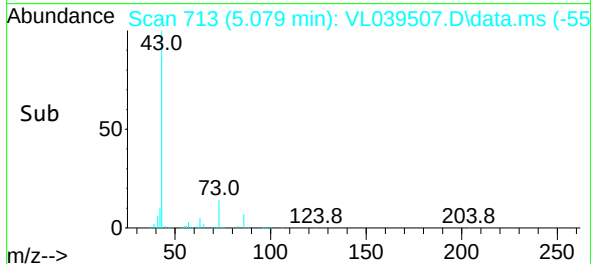
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0719ABS02



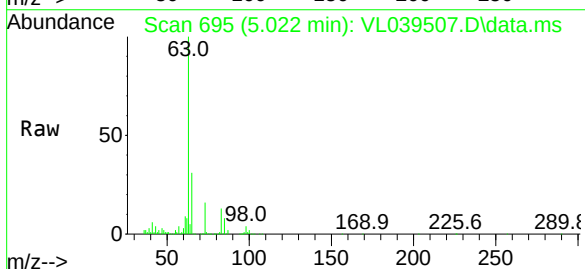
Tgt Ion: 43 Resp: 949214
 Ion Ratio Lower Upper
 43 100
 86 6.9 5.0 7.6
 42 10.0 7.7 11.5
 44 5.8 4.6 7.0

Manual Integrations
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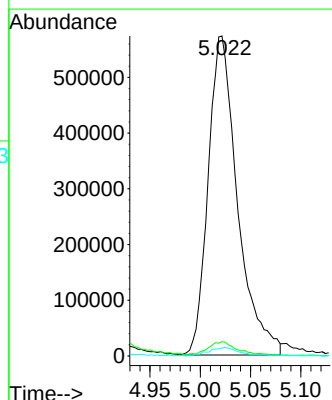
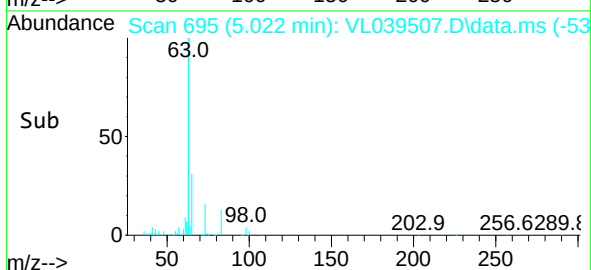
Reviewed By :Semsettin Yesilyurt 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022

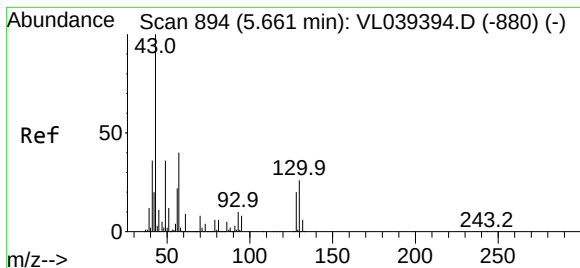


#24
 1,1-Dichloroethane
 Concen: 10.852 ppbv
 RT: 5.022 min Scan# 695
 Delta R.T. 0.026 min
 Lab File: VL039507.D
 Acq: 20 Jul 2022 10:47



Tgt Ion: 63 Resp: 1163971
 Ion Ratio Lower Upper
 63 100
 98 4.2 1.8 5.3
 100 2.3 1.5 4.4





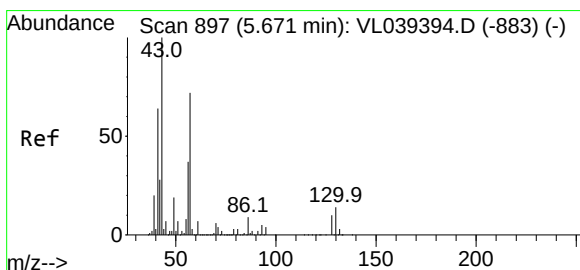
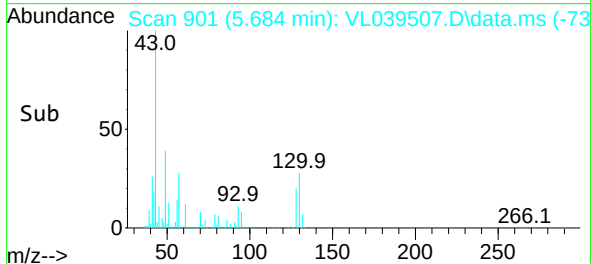
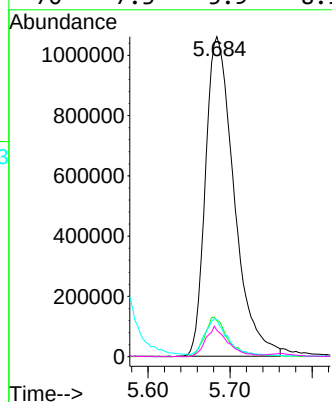
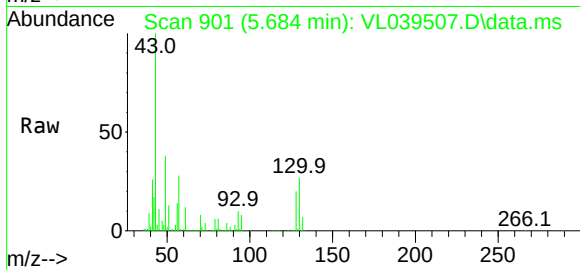
#25
Ethyl Acetate
Concen: 11.000 ppbv
RT: 5.684 min Scan# 901
Delta R.T. 0.023 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS02

Tgt Ion: 43 Resp: 256316
Ion Ratio Lower Upper
43 100
45 10.4 8.2 12.4
61 10.8 8.3 12.5
70 7.3 5.9 8.9

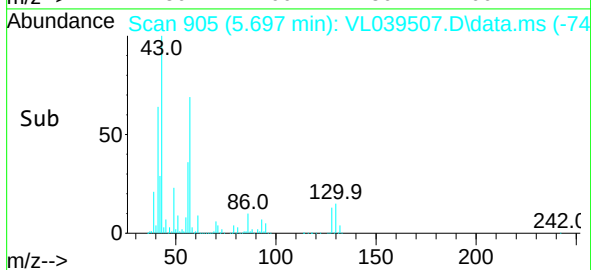
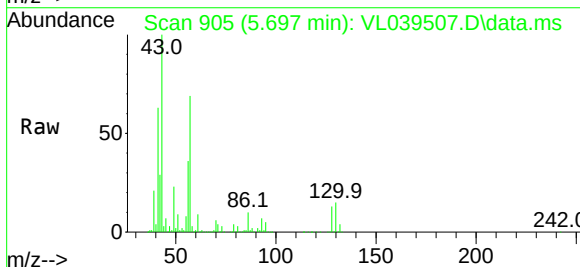
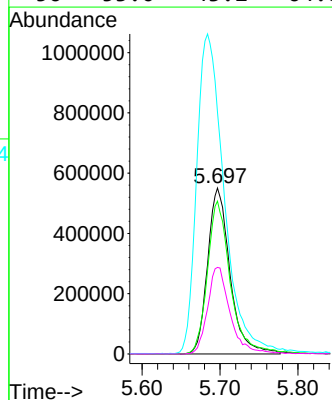
Manual Integrations
APPROVED

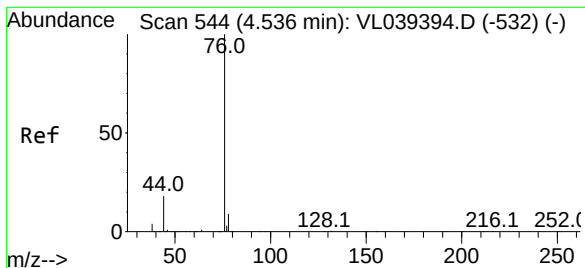
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#26
Hexane
Concen: 11.708 ppbv
RT: 5.697 min Scan# 905
Delta R.T. 0.026 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

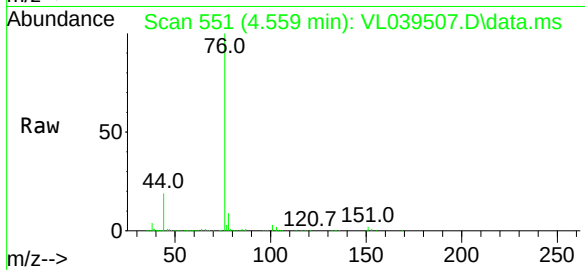
Tgt Ion: 57 Resp: 1099700
Ion Ratio Lower Upper
57 100
41 95.5 76.9 115.3
43 238.8 191.0 286.6
56 53.0 43.2 64.8





#27
Carbon Disulfide
Concen: 11.596 ppbv
RT: 4.559 min Scan# 51
Delta R.T. 0.023 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

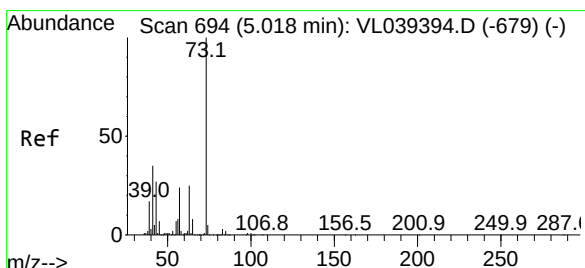
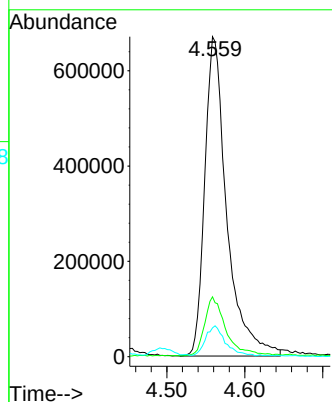
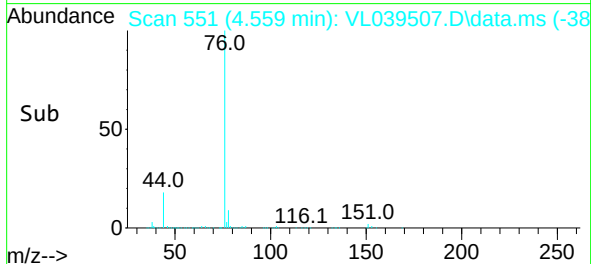
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS02



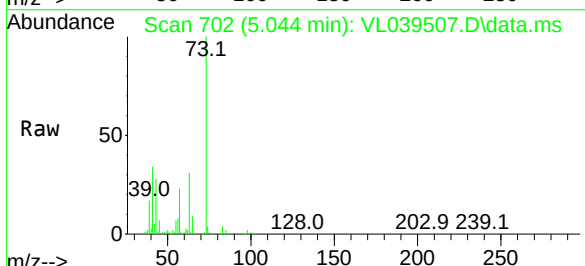
Tgt Ion: 76 Resp: 131476
Ion Ratio Lower Upper
76 100
44 18.2 14.6 21.8
78 9.6 7.8 11.6

Manual Integrations
APPROVED

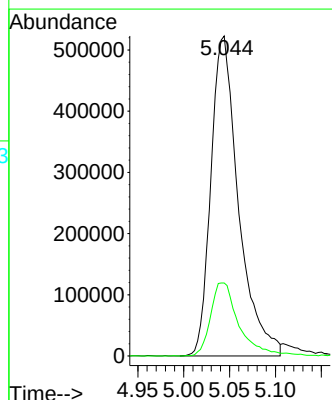
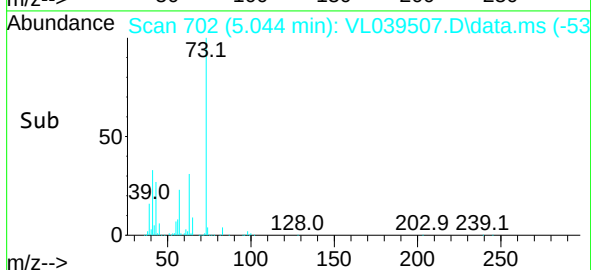
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

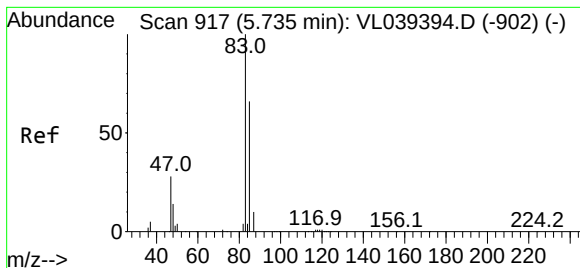


#28
Methyl tert-Butyl Ether
Concen: 10.905 ppbv
RT: 5.044 min Scan# 702
Delta R.T. 0.026 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47



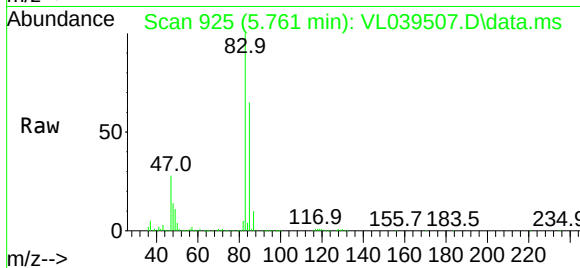
Tgt Ion: 73 Resp: 1095228
Ion Ratio Lower Upper
73 100
57 23.7 19.8 29.8





#29
Chloroform
Concen: 10.855 ppbv
RT: 5.761 min Scan# 917
Delta R.T. 0.026 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

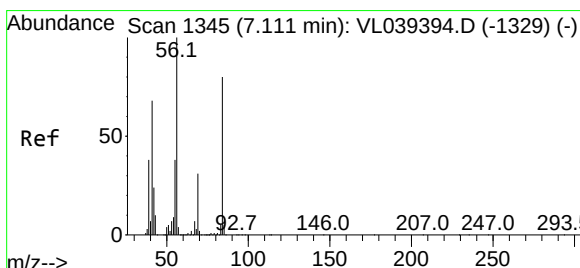
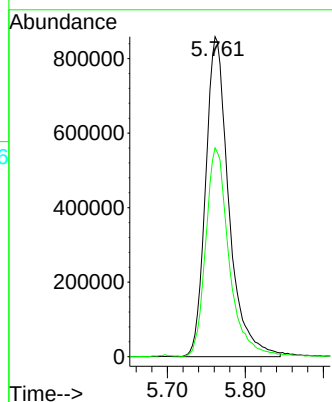
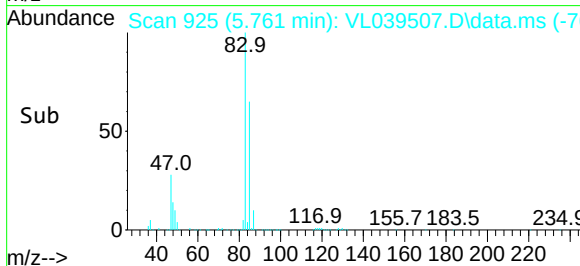
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS02



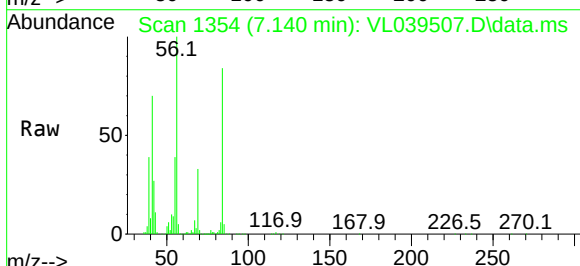
Tgt Ion: 83 Resp: 177303
Ion Ratio Lower Upper
83 100
85 65.1 52.8 79.2

Manual Integrations
APPROVED

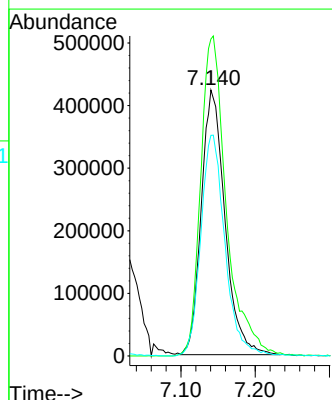
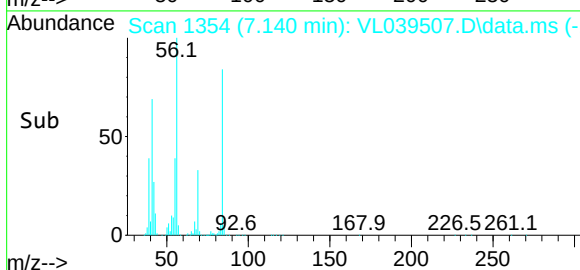
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

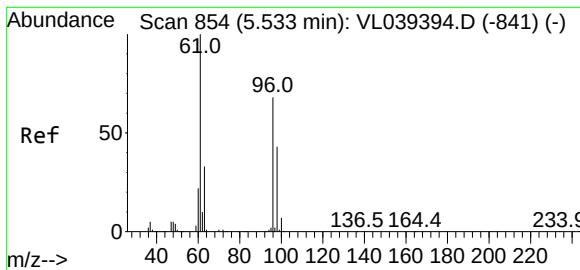


#30
Cyclohexane
Concen: 10.957 ppbv
RT: 7.140 min Scan# 1354
Delta R.T. 0.029 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47



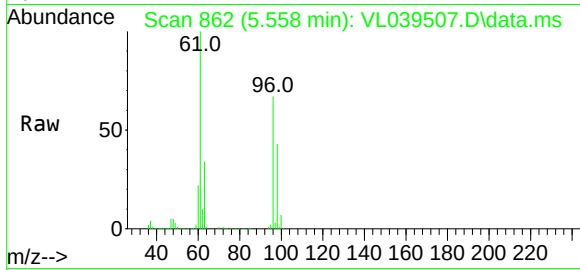
Tgt Ion: 84 Resp: 936969
Ion Ratio Lower Upper
84 100
56 131.6 107.7 161.5
41 85.6 67.7 101.5





#31
cis-1,2-Dichloroethene
Concen: 10.926 ppbv
RT: 5.558 min Scan# 80
Delta R.T. 0.026 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

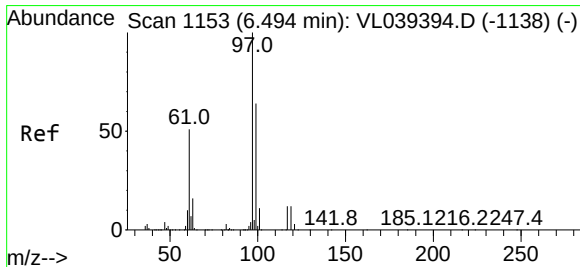
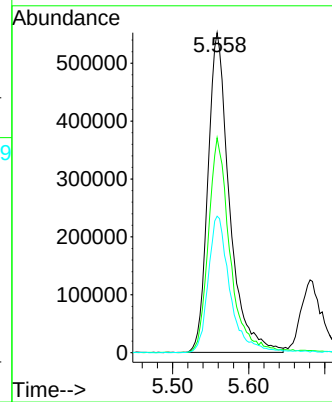
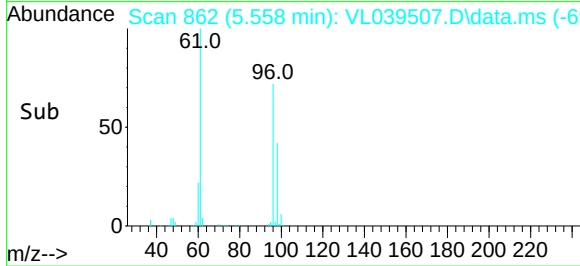
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS02



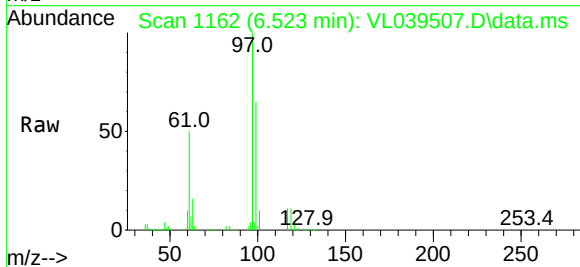
Tgt Ion: 61 Resp: 108893
Ion Ratio Lower Upper
61 100
96 67.1 54.1 81.1
98 42.7 34.6 52.0

Manual Integrations
APPROVED

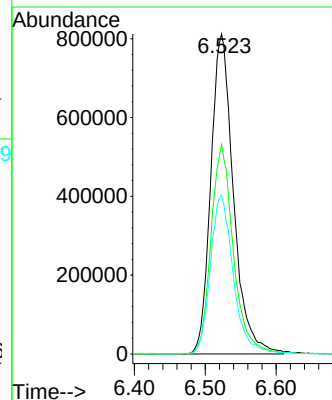
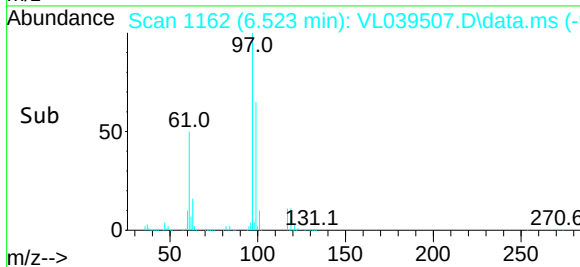
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

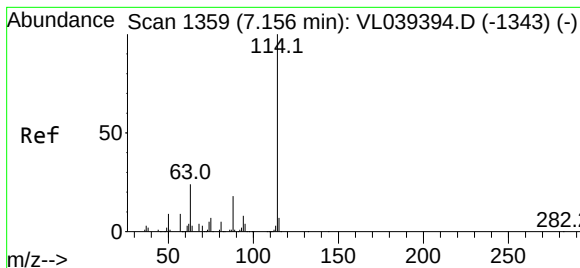


#32
1,1,1-Trichloroethane
Concen: 11.164 ppbv
RT: 6.523 min Scan# 1162
Delta R.T. 0.029 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47



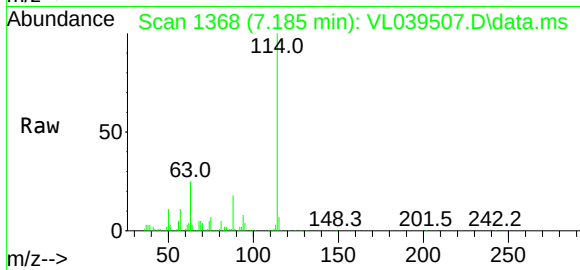
Tgt Ion: 97 Resp: 1799795
Ion Ratio Lower Upper
97 100
99 64.9 52.3 78.5
61 50.1 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.185 min Scan# 114
Delta R.T. 0.029 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

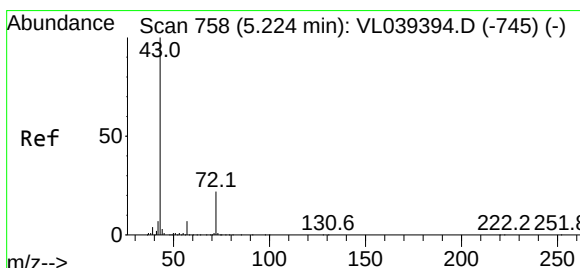
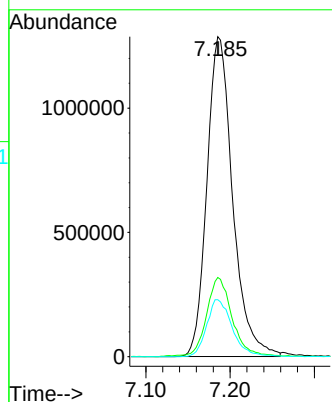
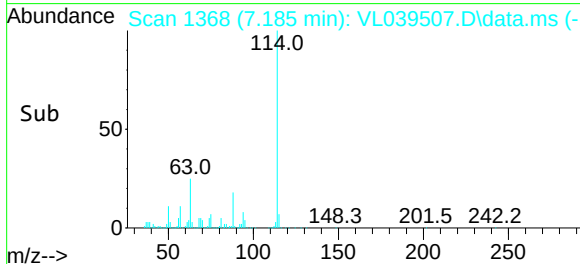
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS02



Tgt Ion:114 Resp: 2735386
Ion Ratio Lower Upper
114 100
63 25.0 20.2 30.4
88 17.9 14.5 21.7

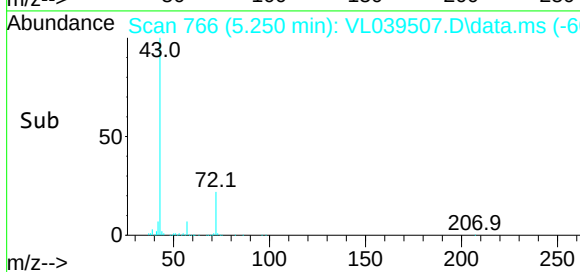
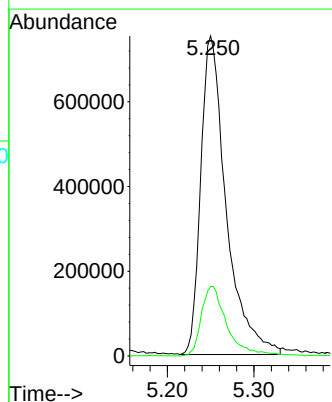
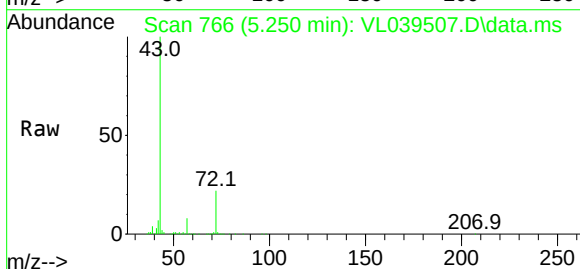
Manual Integrations
APPROVED

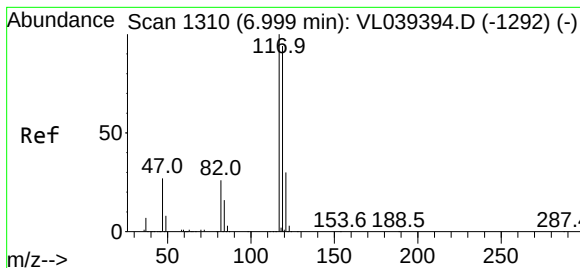
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#34
2-Butanone
Concen: 11.147 ppbv
RT: 5.250 min Scan# 766
Delta R.T. 0.026 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

Tgt Ion: 43 Resp: 1534886
Ion Ratio Lower Upper
43 100
72 22.2 17.9 26.9





#35

Carbon Tetrachloride

Concen: 11.431 ppbv

RT: 7.031 min Scan# 11

Delta R.T. 0.032 min

Lab File: VL039507.D

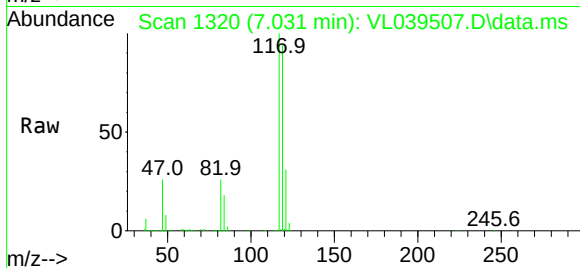
Acq: 20 Jul 2022 10:47

Instrument :

MSVOA_L

ClientSampleId :

VL0719ABS02



Tgt Ion:117 Resp: 193213

Ion Ratio Lower Upper

117 100

119 94.2 75.4 113.2

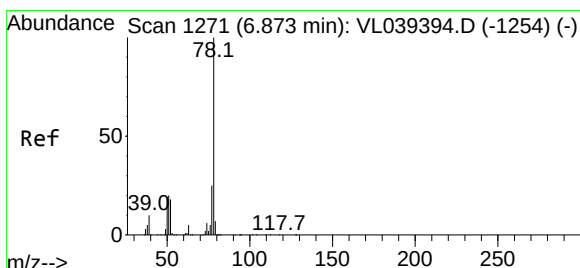
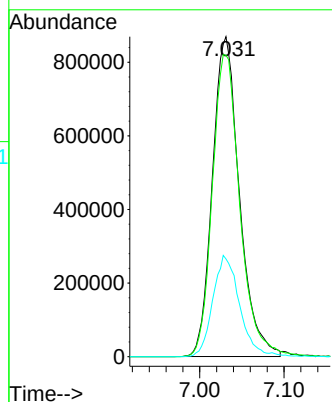
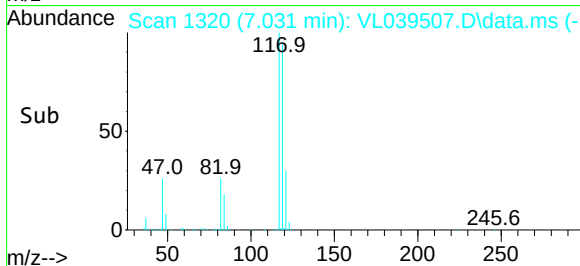
121 30.5 24.2 36.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#36

Benzene

Concen: 10.680 ppbv

RT: 6.902 min Scan# 1280

Delta R.T. 0.029 min

Lab File: VL039507.D

Acq: 20 Jul 2022 10:47

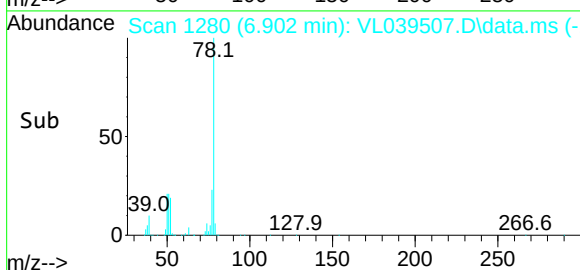
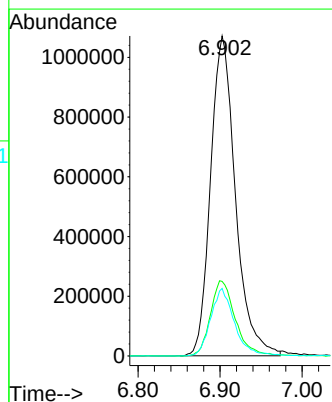
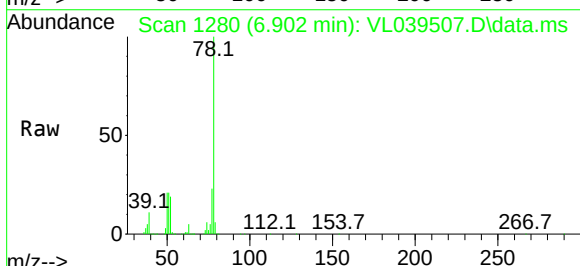
Tgt Ion: 78 Resp: 2260983

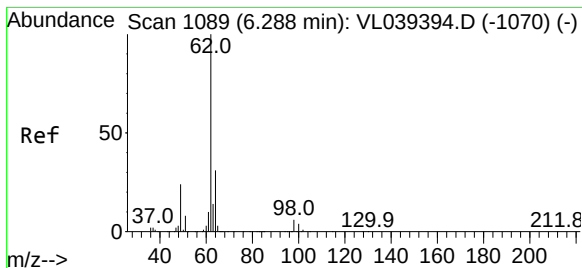
Ion Ratio Lower Upper

78 100

77 23.3 20.3 30.5

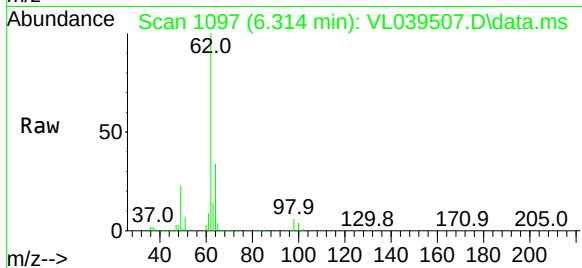
50 21.1 15.5 23.3





#37
1,2-Dichloroethane
Concen: 10.869 ppbv
RT: 6.314 min Scan# 1089
Delta R.T. 0.026 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

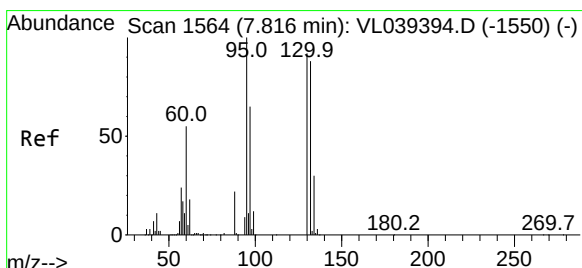
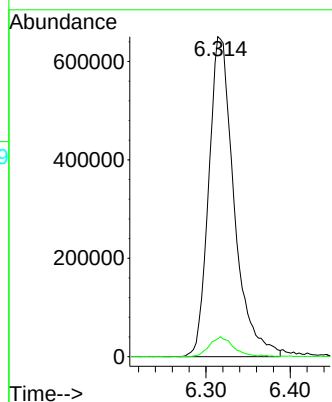
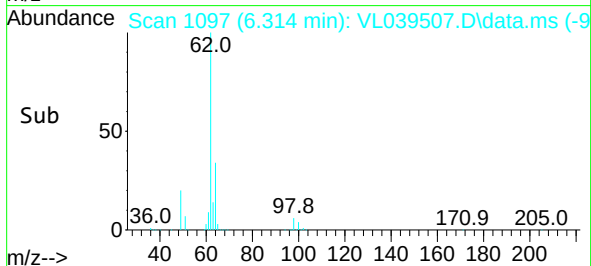
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS02



Tgt Ion: 62 Resp: 135821
Ion Ratio Lower Upper
62 100
98 6.2 5.1 7.7

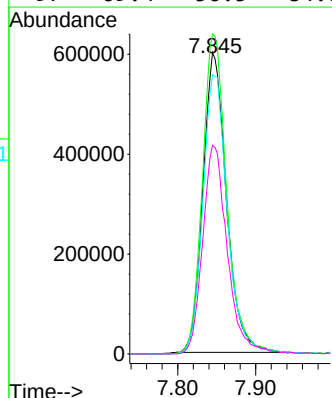
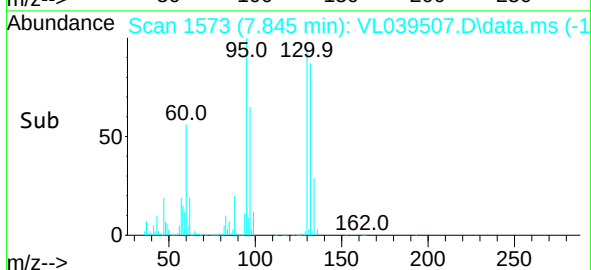
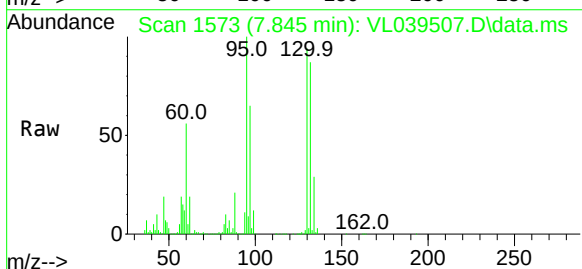
Manual Integrations
APPROVED

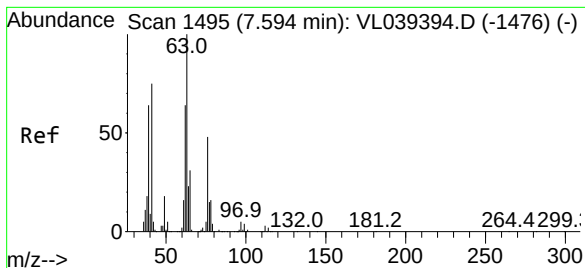
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#38
Trichloroethene
Concen: 10.961 ppbv
RT: 7.845 min Scan# 1573
Delta R.T. 0.029 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

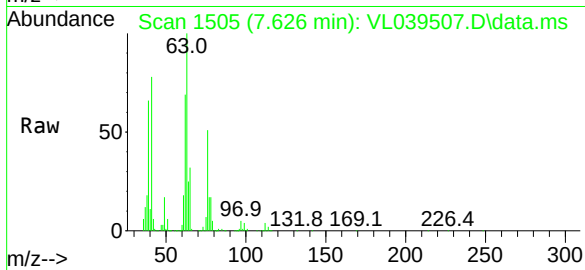
Tgt Ion:130 Resp: 1255107
Ion Ratio Lower Upper
130 100
95 106.2 87.3 130.9
132 92.8 76.7 115.1
97 69.4 56.5 84.7





#39
1,2-Dichloropropane
Concen: 10.558 ppbv
RT: 7.626 min Scan# 11
Delta R.T. 0.032 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

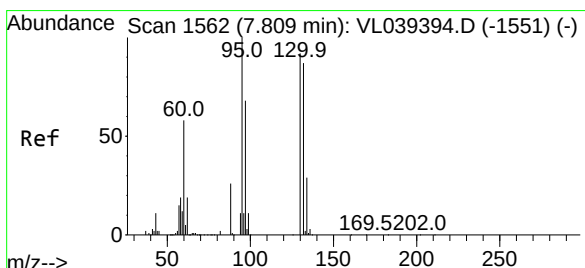
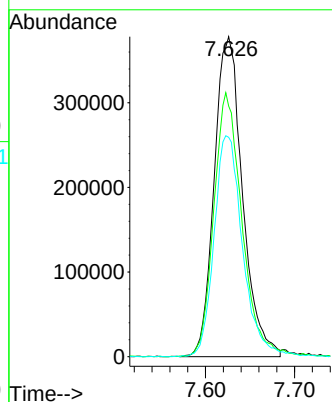
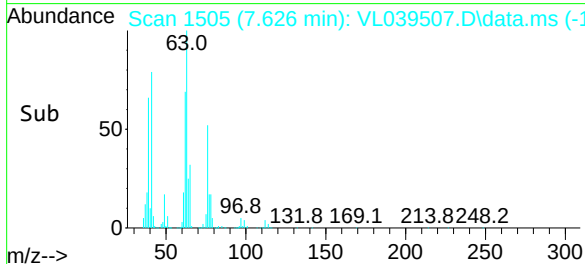
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS02



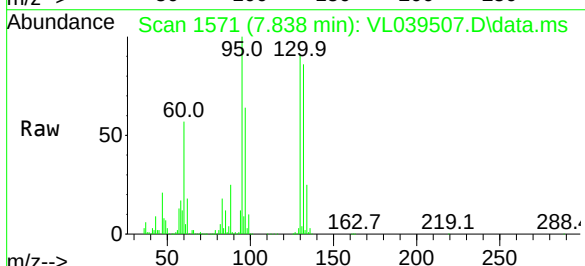
Tgt Ion: 63 Resp: 835048
Ion Ratio Lower Upper
63 100
41 78.1 59.6 89.4
62 68.5 51.4 77.0

Manual Integrations
APPROVED

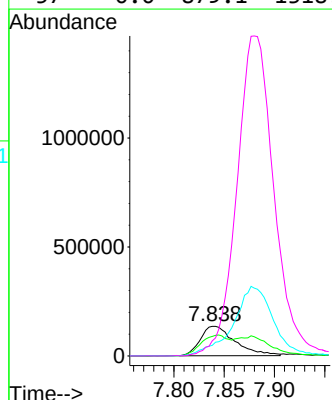
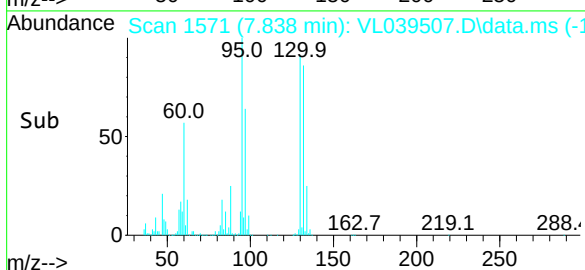
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

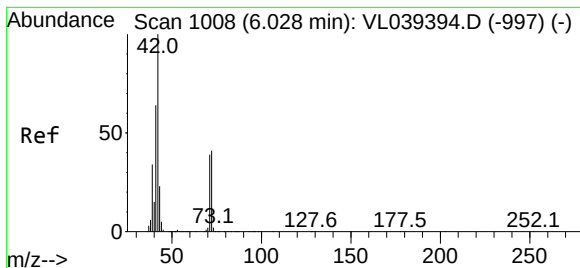


#40
1,4-Dioxane
Concen: 10.315 ppbv
RT: 7.838 min Scan# 1571
Delta R.T. 0.029 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47



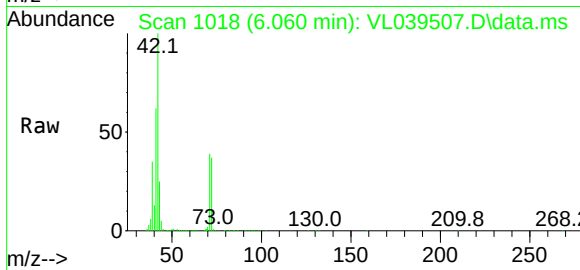
Tgt Ion: 88 Resp: 325099
Ion Ratio Lower Upper
88 100
58 62.1 100.2 150.4#
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#





#41
Tetrahydrofuran
Concen: 10.743 ppbv
RT: 6.060 min Scan# 1008
Delta R.T. 0.032 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

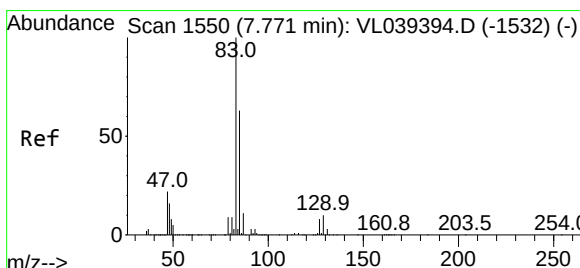
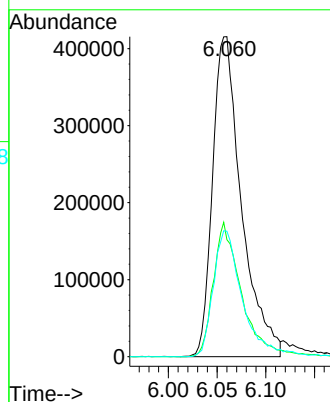
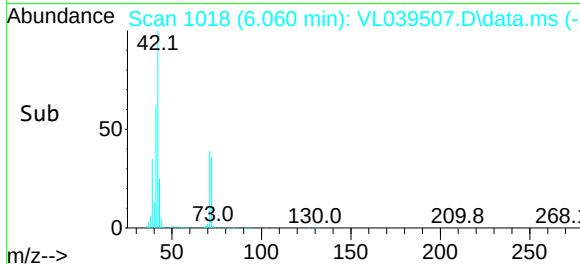
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS02



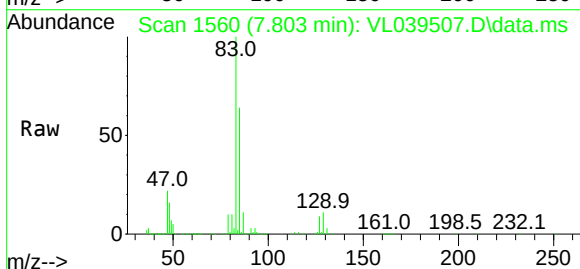
Tgt Ion: 42 Resp: 857193
Ion Ratio Lower Upper
42 100
72 41.1 31.8 47.8
71 40.1 31.8 47.8

Manual Integrations
APPROVED

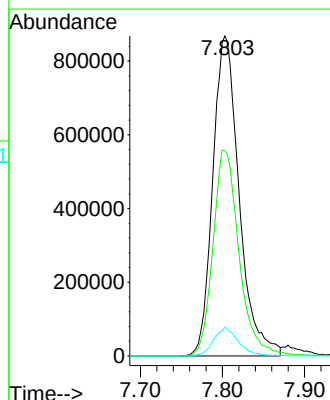
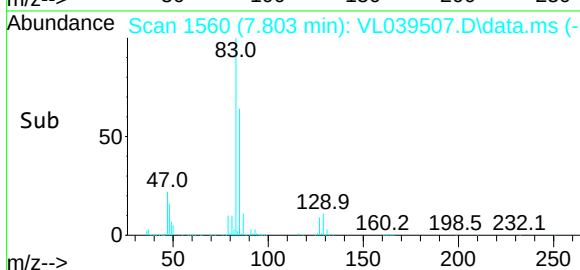
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

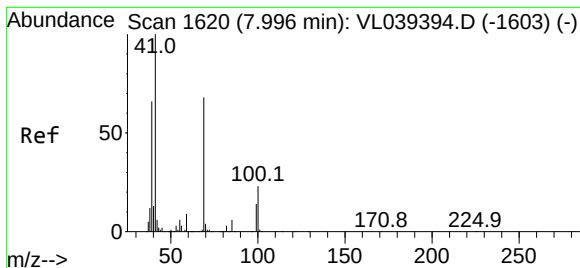


#42
Bromodichloromethane
Concen: 11.489 ppbv
RT: 7.803 min Scan# 1560
Delta R.T. 0.032 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47



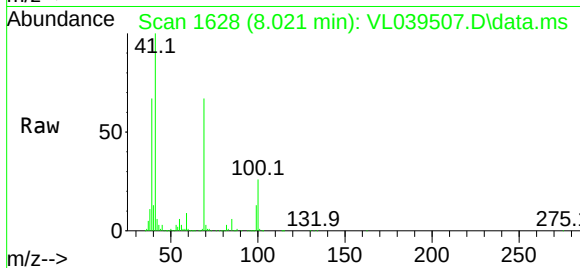
Tgt Ion: 83 Resp: 1935771
Ion Ratio Lower Upper
83 100
85 64.3 50.7 76.1
127 9.0 6.6 9.8





#43
Methyl Methacrylate
Concen: 11.539 ppbv
RT: 8.021 min Scan# 1620
Delta R.T. 0.026 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

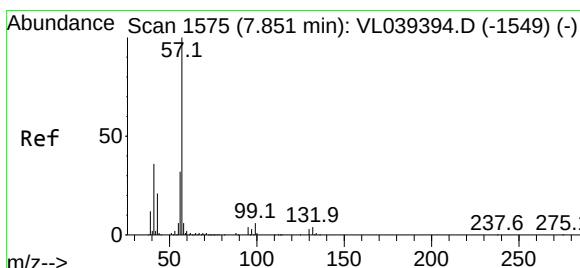
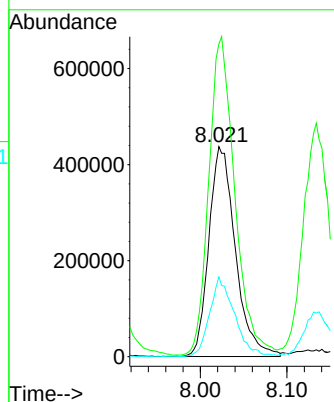
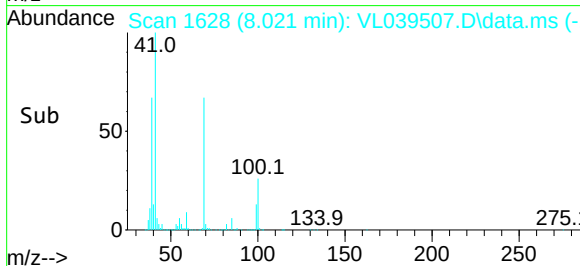
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS02



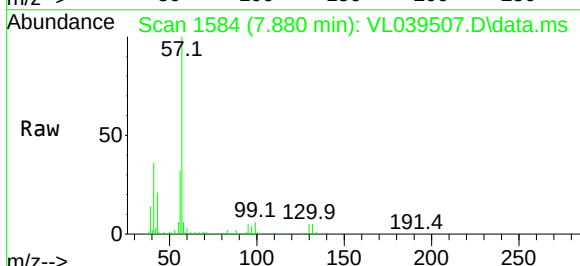
Tgt Ion: 69 Resp: 928849
Ion Ratio Lower Upper
69 100
41 150.2 120.8 181.2
100 35.9 27.8 41.6

Manual Integrations
APPROVED

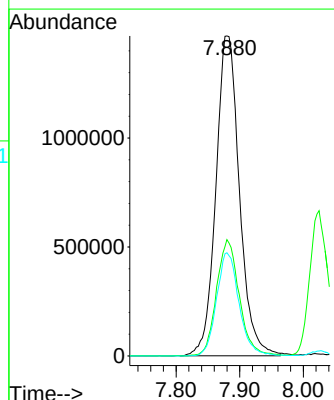
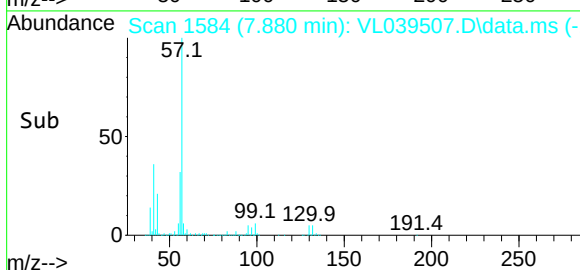
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

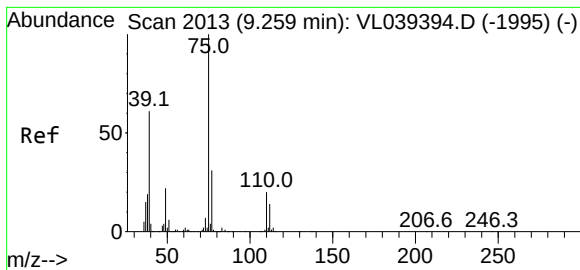


#44
2,2,4-Trimethylpentane
Concen: 10.523 ppbv
RT: 7.880 min Scan# 1584
Delta R.T. 0.029 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47



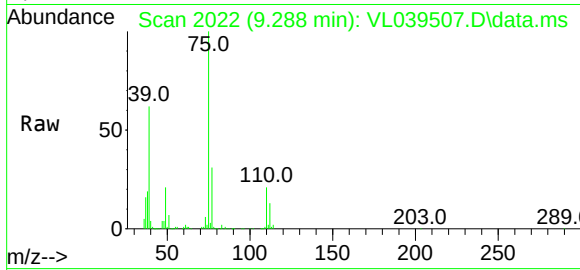
Tgt Ion: 57 Resp: 3775144
Ion Ratio Lower Upper
57 100
41 35.1 27.4 41.2
56 30.9 24.5 36.7





#45
 t-1,3-Dichloropropene
 Concen: 13.466 ppbv m
 RT: 9.288 min Scan# 2013
 Delta R.T. 0.029 min
 Lab File: VL039507.D
 Acq: 20 Jul 2022 10:47

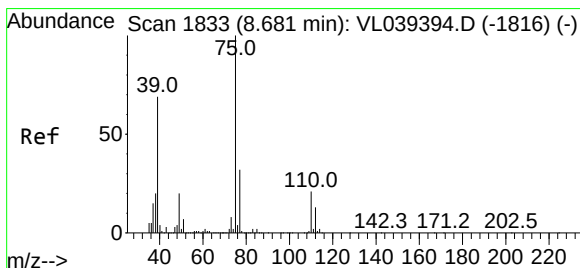
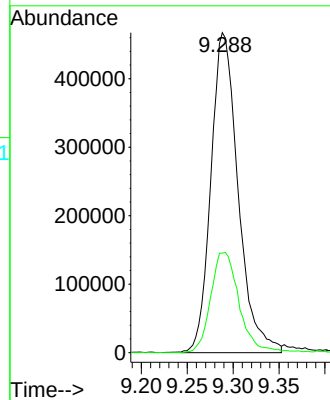
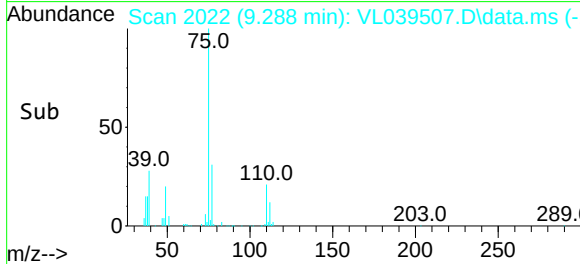
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0719ABS02



Tgt Ion: 75 Resp: 96512
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.6 36.8

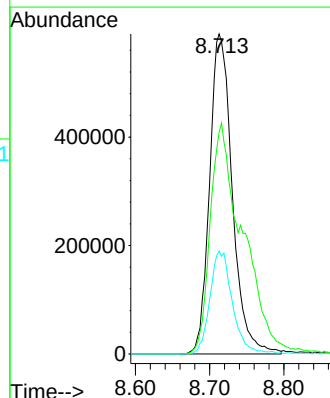
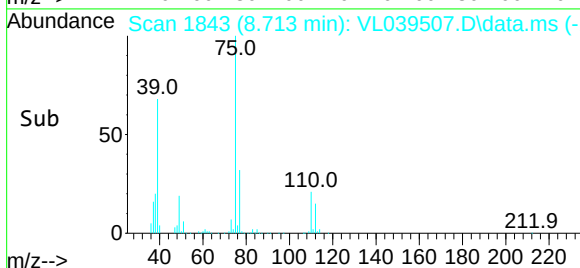
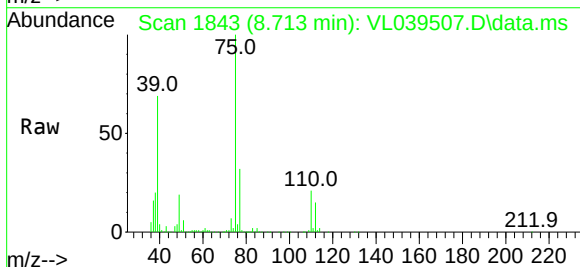
Manual Integrations
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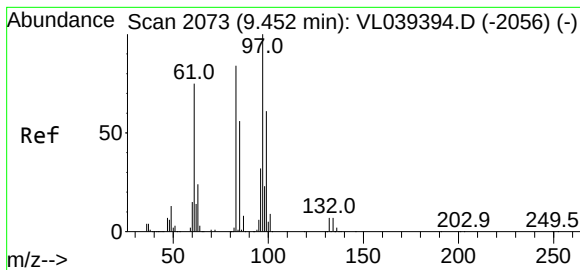
Reviewed By :Semsettin Yesilyurt 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022



#46
 cis-1,3-Dichloropropene
 Concen: 12.691 ppbv
 RT: 8.713 min Scan# 1843
 Delta R.T. 0.032 min
 Lab File: VL039507.D
 Acq: 20 Jul 2022 10:47

Tgt Ion: 75 Resp: 1251992
 Ion Ratio Lower Upper
 75 100
 39 69.2 55.0 82.4
 77 32.2 25.7 38.5





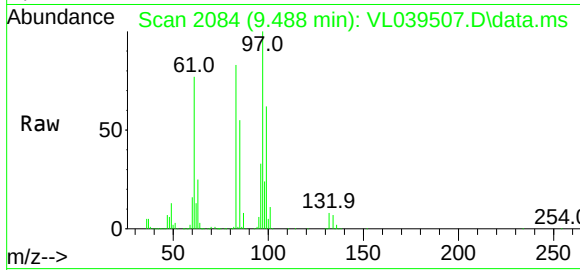
#47
1,1,2-Trichloroethane
Concen: 10.908 ppbv
RT: 9.488 min Scan# 2073
Delta R.T. 0.035 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

Instrument :

MSVOA_L

ClientSampleId :

VL0719ABS02

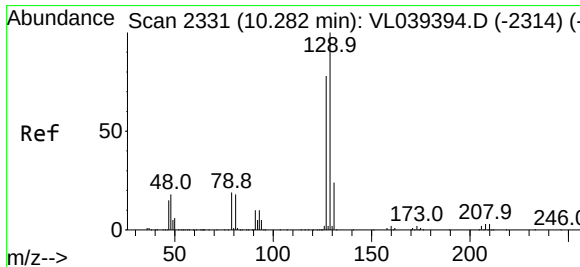
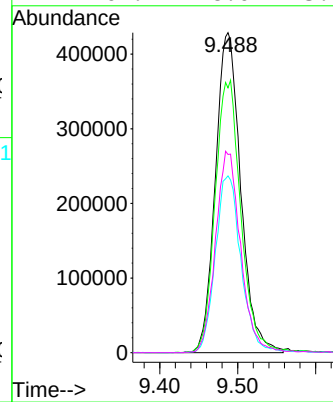
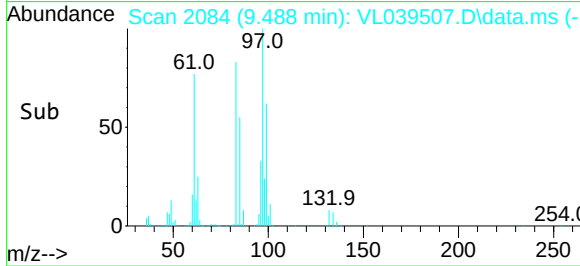


Tgt Ion: 97 Resp: 96795
Ion Ratio Lower Upper
97 100
83 82.6 67.4 101.0
85 55.2 45.1 67.7
99 61.9 48.6 73.0

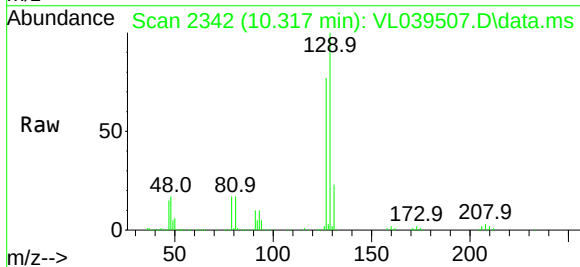
Manual Integrations

APPROVED

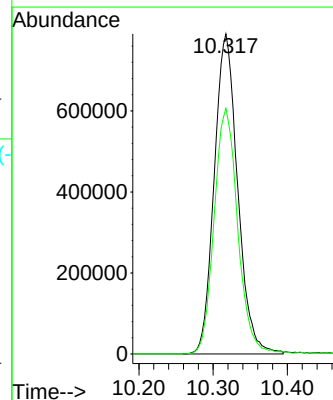
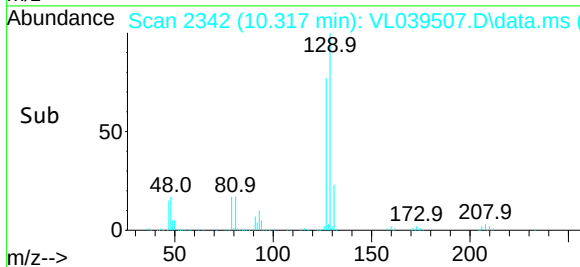
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

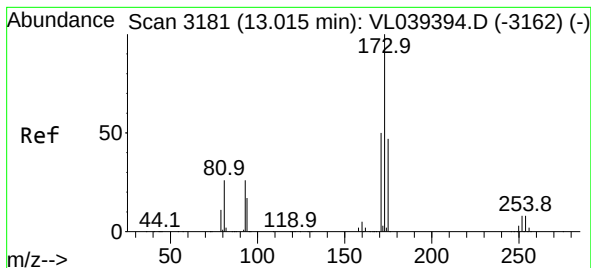


#48
Dibromochloromethane
Concen: 12.271 ppbv
RT: 10.317 min Scan# 2342
Delta R.T. 0.035 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47



Tgt Ion:129 Resp: 1730716
Ion Ratio Lower Upper
129 100
127 77.9 39.3 117.9





#49

Bromoform

Concen: 12.700 ppbv

RT: 13.050 min Scan# 3181

Delta R.T. 0.035 min

Lab File: VL039507.D

Acq: 20 Jul 2022 10:47

Instrument :

MSVOA_L

ClientSampleId :

VL0719ABS02

Tgt Ion:173 Resp: 144507

Ion Ratio Lower Upper

173 100

175 50.2 40.3 60.5

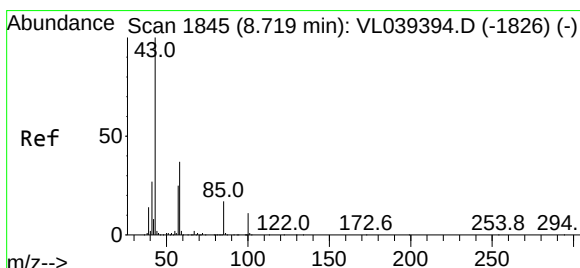
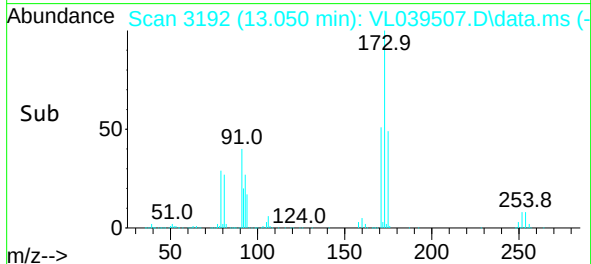
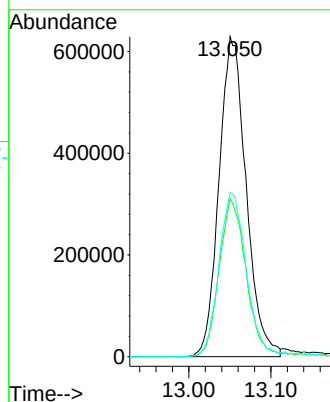
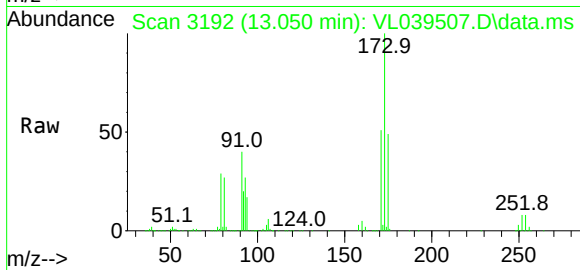
171 52.8 42.9 64.3

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#50

4-Methyl-2-Pentanone

Concen: 11.526 ppbv

RT: 8.751 min Scan# 1855

Delta R.T. 0.032 min

Lab File: VL039507.D

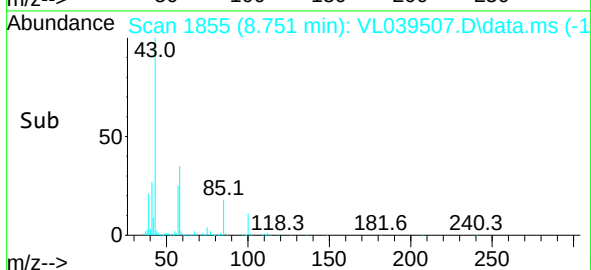
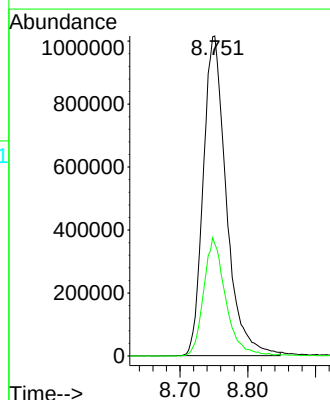
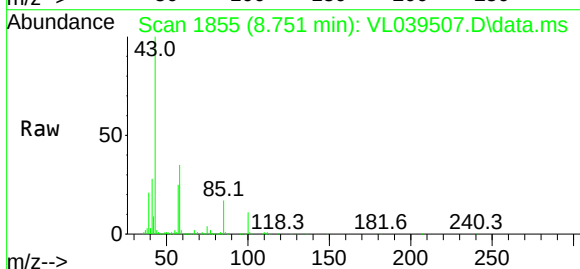
Acq: 20 Jul 2022 10:47

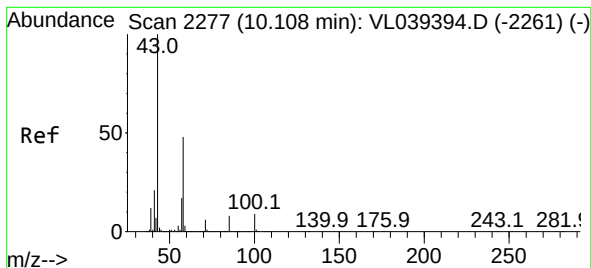
Tgt Ion: 43 Resp: 2399734

Ion Ratio Lower Upper

43 100

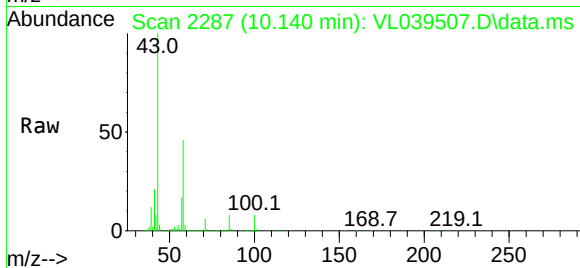
58 35.6 28.8 43.2





#51
2-Hexanone
Concen: 11.925 ppbv
RT: 10.140 min Scan# 21
Delta R.T. 0.032 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

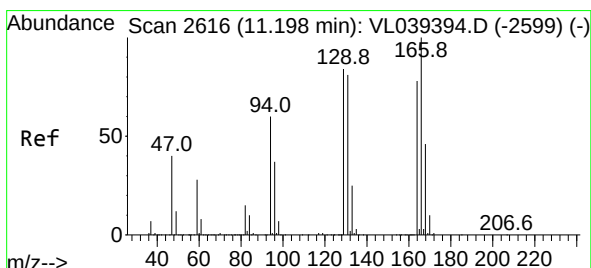
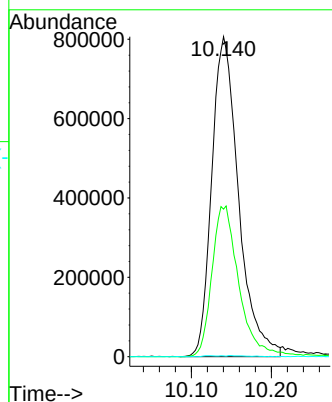
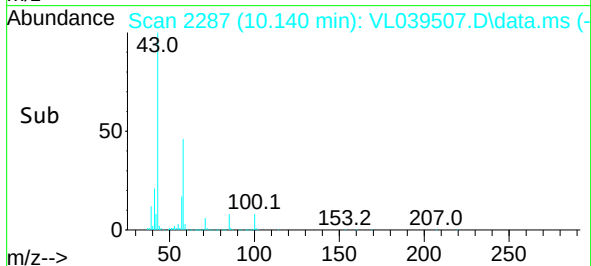
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS02



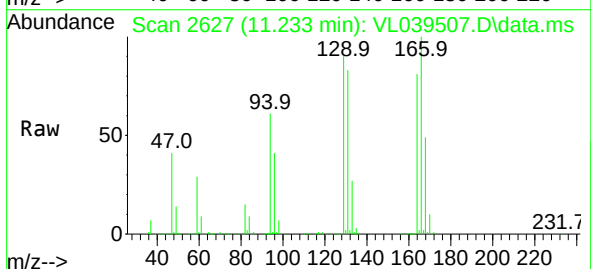
Tgt Ion: 43 Resp: 1877982
Ion Ratio Lower Upper
43 100
58 48.1 38.4 57.6
98 0.5 0.3 0.5

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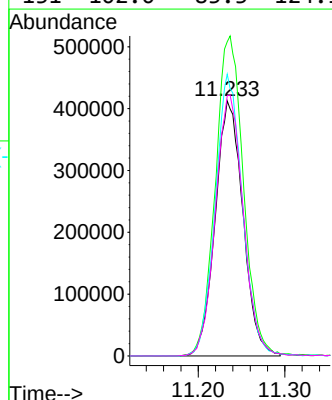
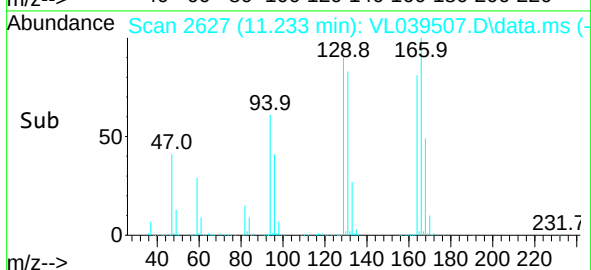
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

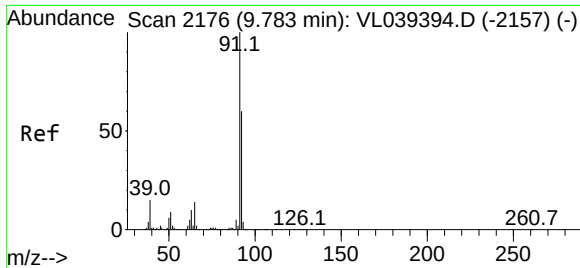


#52
Tetrachloroethene
Concen: 10.724 ppbv
RT: 11.233 min Scan# 2627
Delta R.T. 0.035 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47



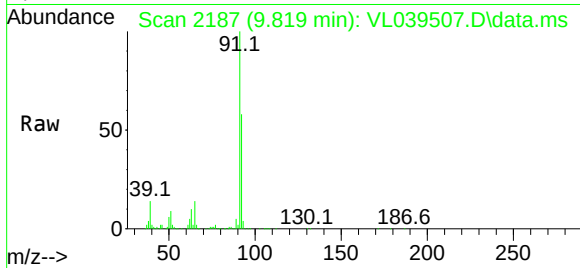
Tgt Ion:164 Resp: 913941
Ion Ratio Lower Upper
164 100
166 123.2 102.2 153.2
129 110.5 85.8 128.8
131 102.0 83.3 124.9





#53
Toluene
Concen: 11.300 ppbv
RT: 9.819 min Scan# 2176
Delta R.T. 0.035 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

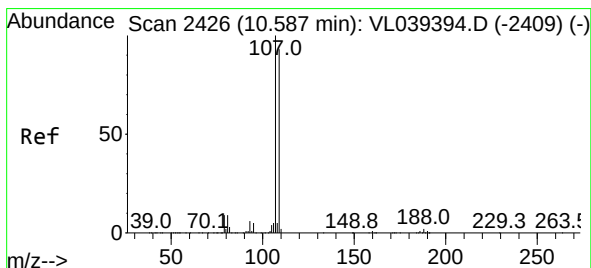
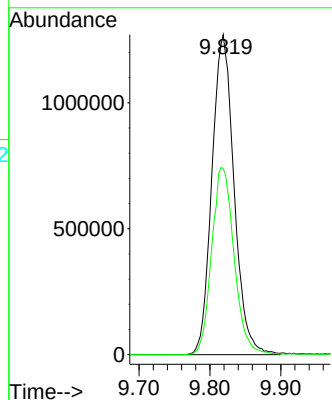
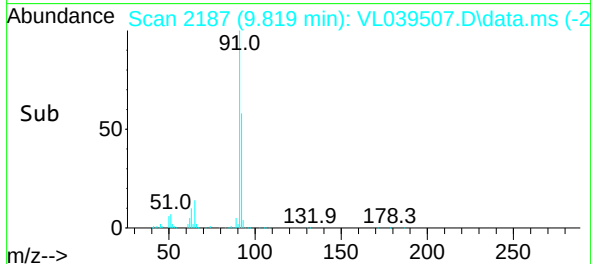
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS02



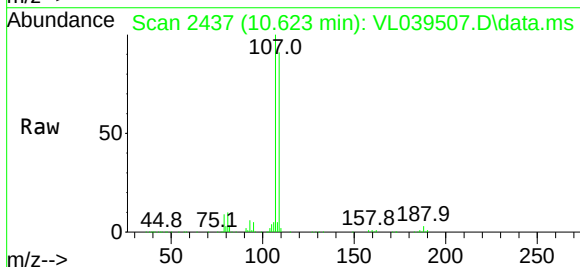
Tgt Ion: 91 Resp: 2759324
Ion Ratio Lower Upper
91 100
92 59.6 48.2 72.2

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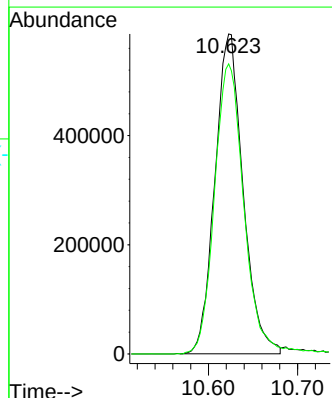
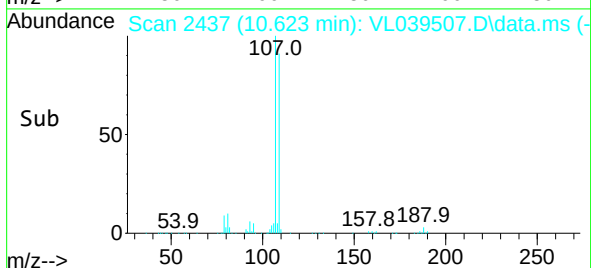
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

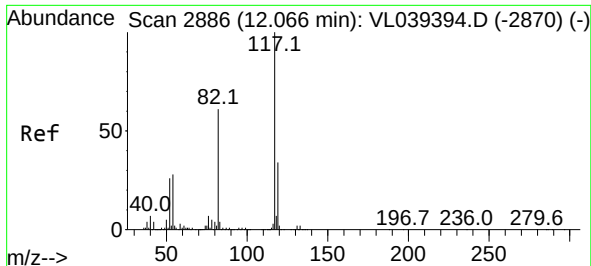


#54
1,2-Dibromoethane
Concen: 11.640 ppbv
RT: 10.623 min Scan# 2437
Delta R.T. 0.035 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47



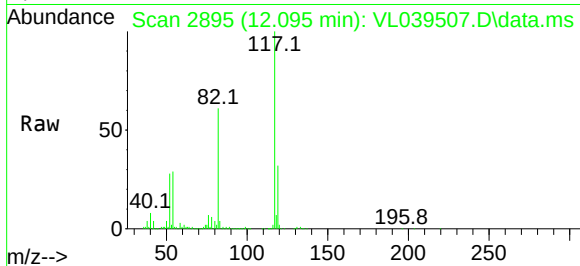
Tgt Ion:107 Resp: 1285310
Ion Ratio Lower Upper
107 100
109 90.6 74.8 112.2





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.095 min Scan# 2886
Delta R.T. 0.029 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

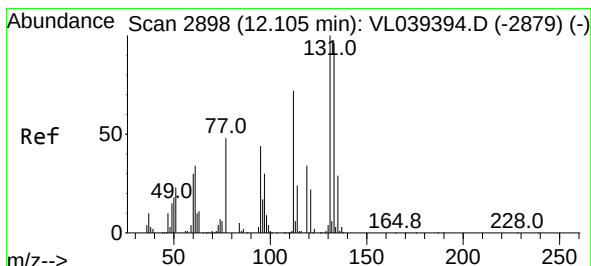
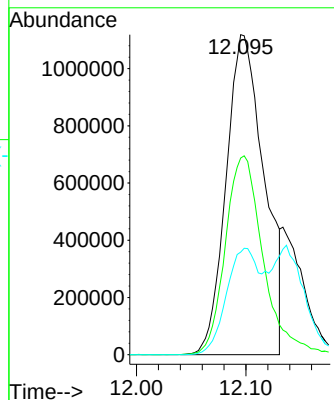
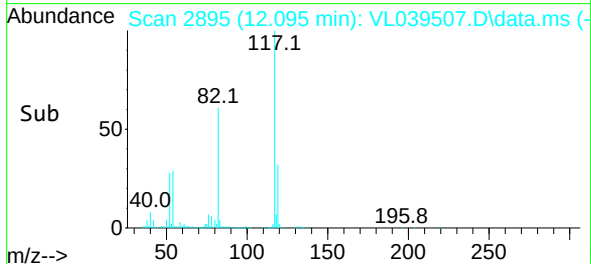
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS02



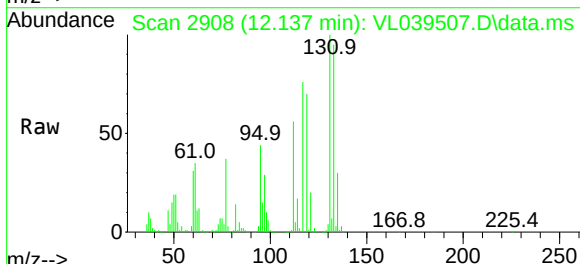
Tgt Ion:117 Resp: 269927
Ion Ratio Lower Upper
117 100
82 62.9 50.8 76.2
119 28.3 24.1 36.1

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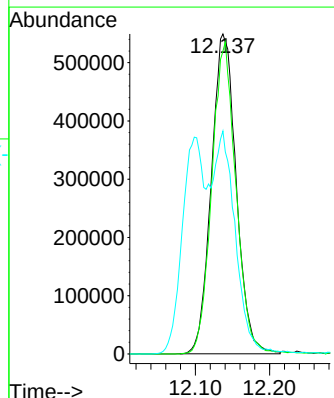
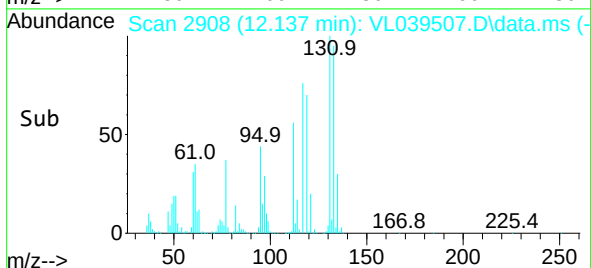
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

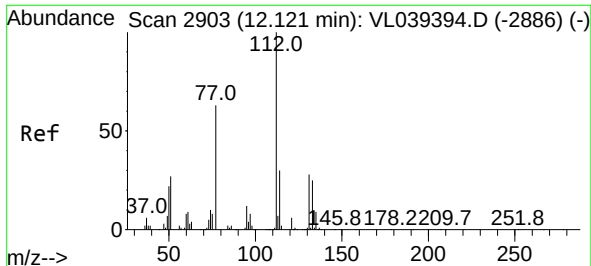


#56
1,1,1,2-Tetrachloroethane
Concen: 10.717 ppbv
RT: 12.137 min Scan# 2908
Delta R.T. 0.032 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47



Tgt Ion:131 Resp: 1277971
Ion Ratio Lower Upper
131 100
133 95.0 76.8 115.2
119 67.9 46.2 69.4





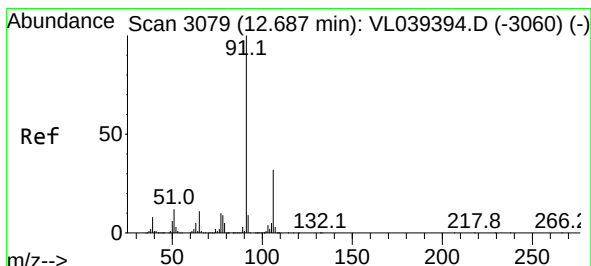
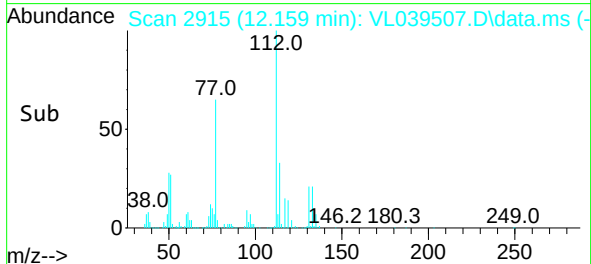
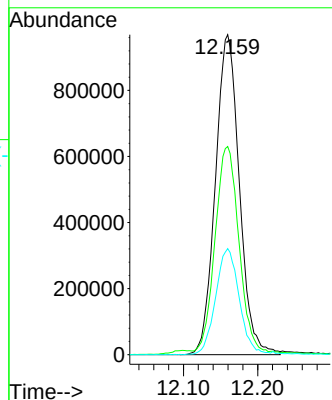
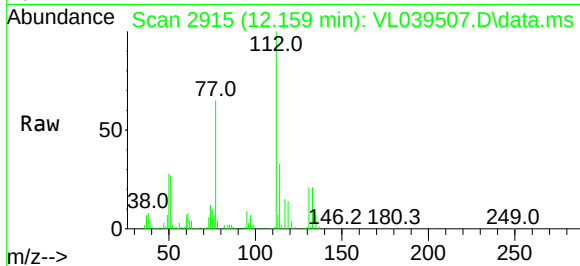
#57
Chlorobenzene
Concen: 10.389 ppbv
RT: 12.159 min Scan# 2915
Delta R.T. 0.039 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS02

Tgt Ion:112 Resp: 217410
Ion Ratio Lower Upper
112 100
77 64.4 51.0 76.4
114 33.1 27.5 33.6

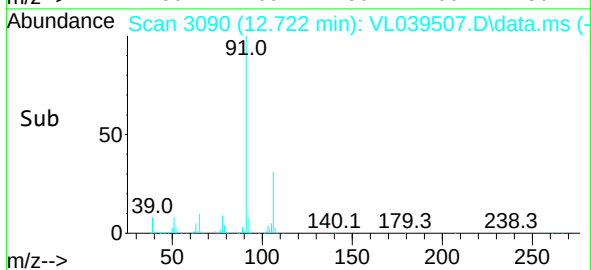
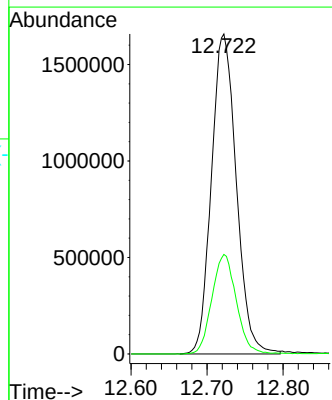
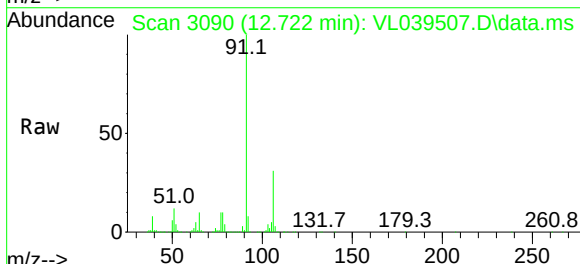
Manual Integrations
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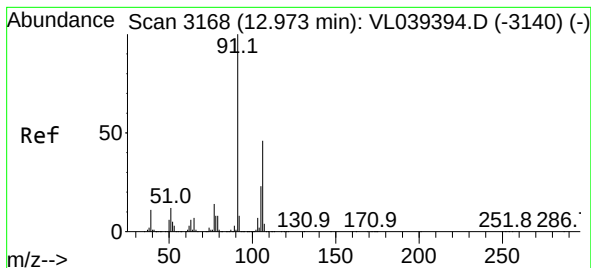
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022



#58
Ethyl Benzene
Concen: 10.791 ppbv
RT: 12.722 min Scan# 3090
Delta R.T. 0.035 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

Tgt Ion: 91 Resp: 3761068
Ion Ratio Lower Upper
91 100
106 31.1 25.4 38.0





#59

m/p-Xylene

Concen: 21.108 ppbv m

RT: 13.008 min Scan# 3168

Delta R.T. 0.035 min

Lab File: VL039507.D

Acq: 20 Jul 2022 10:47

Instrument :

MSVOA_L

ClientSampleId :

VL0719ABS02

Tgt Ion: 91 Resp: 648618

Ion Ratio Lower Upper

91 100

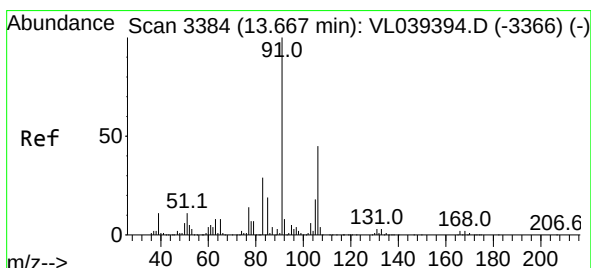
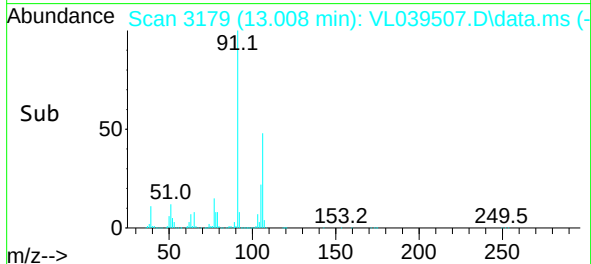
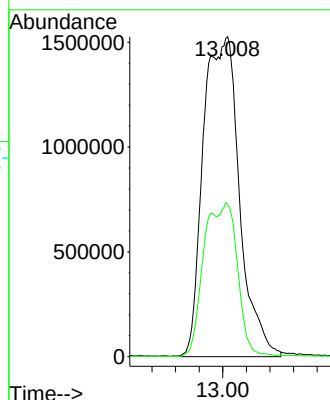
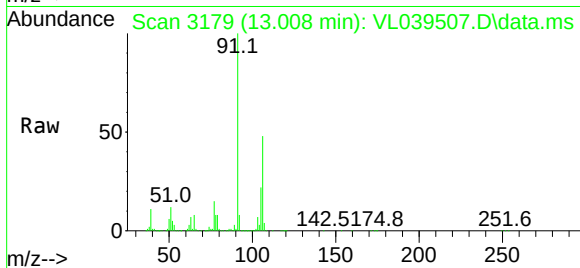
106 44.9 35.4 53.2

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#60

o-Xylene

Concen: 10.737 ppbv

RT: 13.703 min Scan# 3395

Delta R.T. 0.035 min

Lab File: VL039507.D

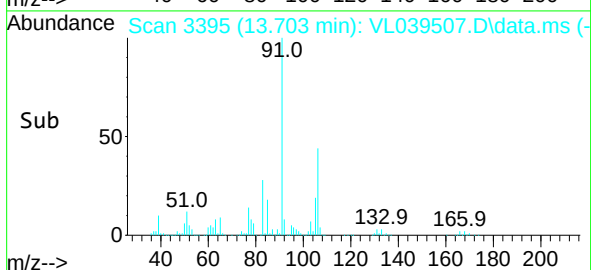
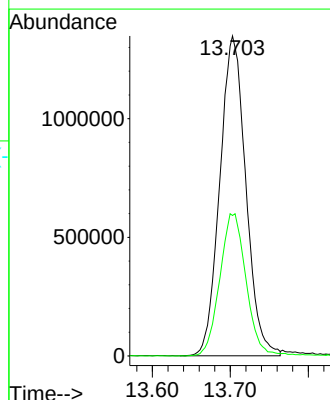
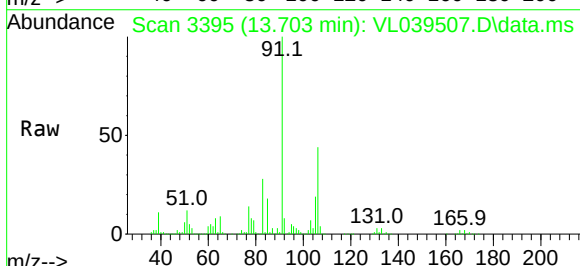
Acq: 20 Jul 2022 10:47

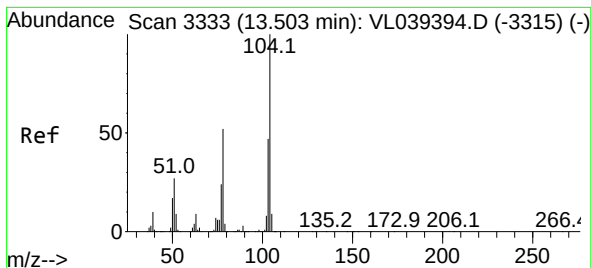
Tgt Ion: 91 Resp: 3124240

Ion Ratio Lower Upper

91 100

106 45.7 22.4 67.3





#61

Styrene

Concen: 12.018 ppbv

RT: 13.539 min Scan# 31

Delta R.T. 0.035 min

Lab File: VL039507.D

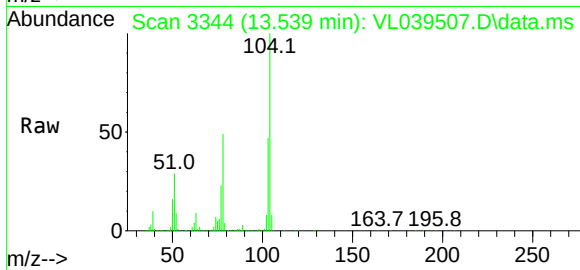
Acq: 20 Jul 2022 10:47

Instrument :

MSVOA_L

ClientSampleId :

VL0719ABS02



Tgt Ion:104 Resp: 189435

Ion Ratio Lower Upper

104 100

78 51.4 41.2 61.8

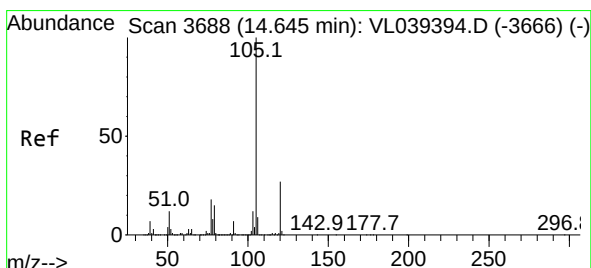
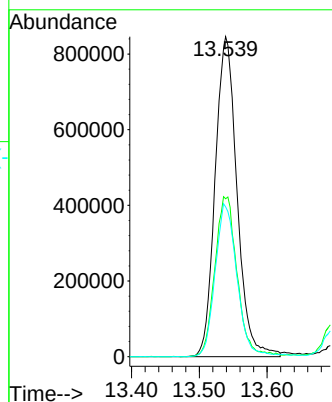
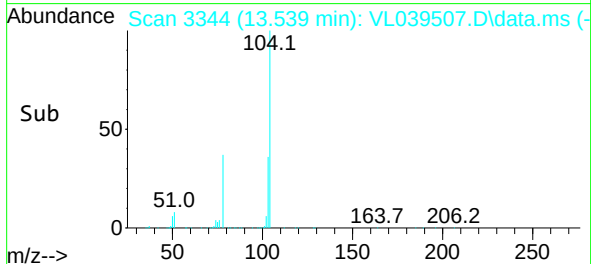
103 48.0 38.7 58.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#62

Isopropylbenzene

Concen: 10.484 ppbv

RT: 14.677 min Scan# 3698

Delta R.T. 0.032 min

Lab File: VL039507.D

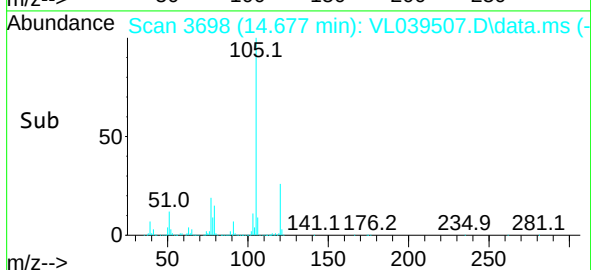
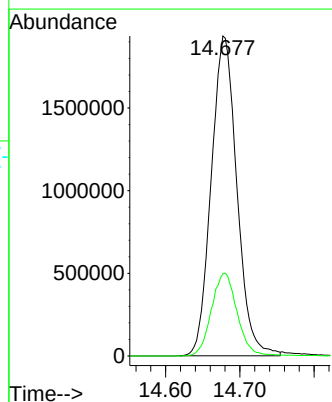
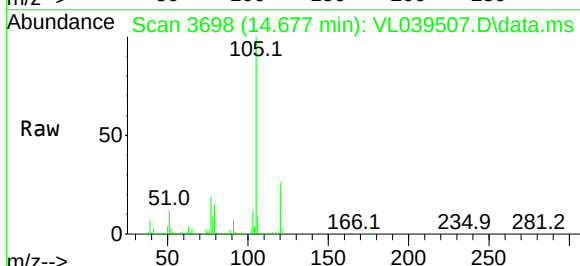
Acq: 20 Jul 2022 10:47

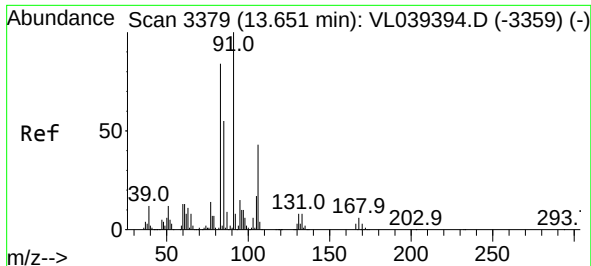
Tgt Ion:105 Resp: 4645407

Ion Ratio Lower Upper

105 100

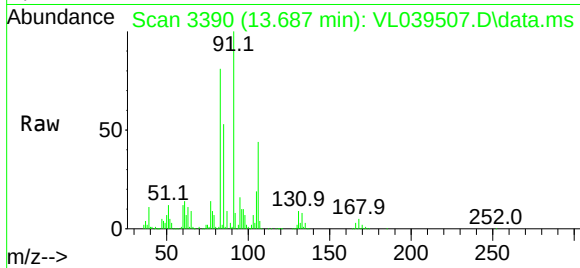
120 26.1 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 9.443 ppbv
RT: 13.687 min Scan# 31
Delta R.T. 0.035 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

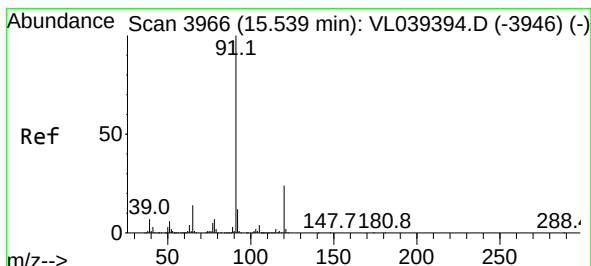
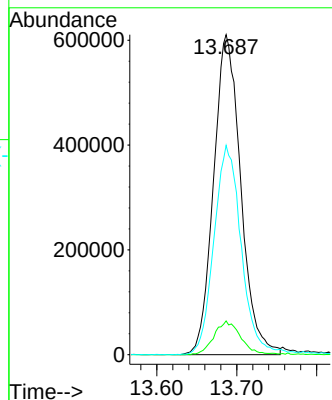
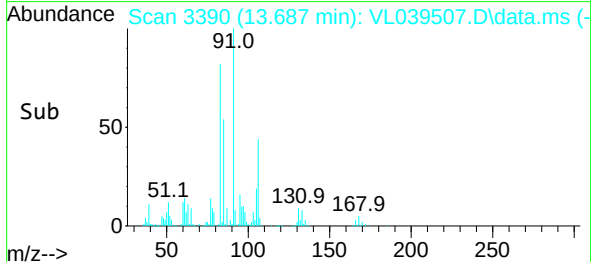
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS02



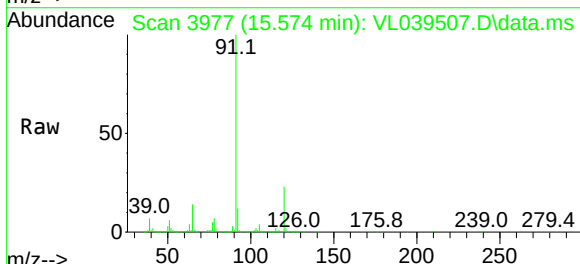
Tgt Ion: 83 Resp: 1440162
Ion Ratio Lower Upper
83 100
131 10.6 5.3 15.8
85 66.9 33.1 99.5

Manual Integrations
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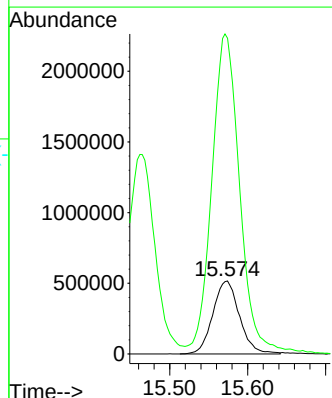
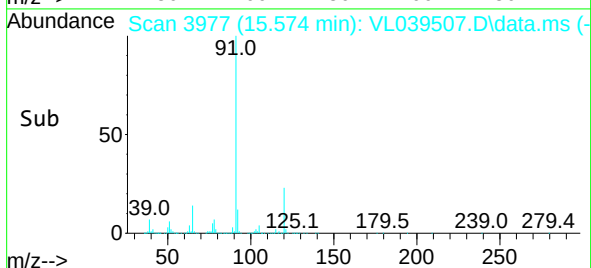
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

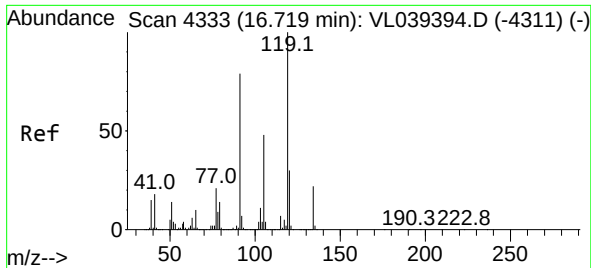


#64
n-propylbenzene
Concen: 10.930 ppbv
RT: 15.574 min Scan# 3977
Delta R.T. 0.035 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47



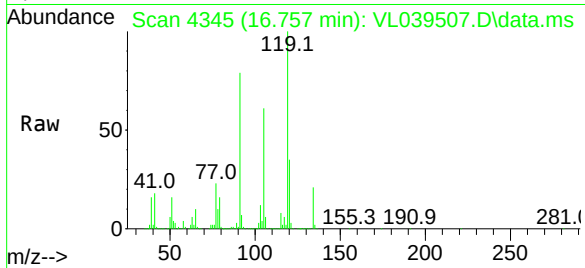
Tgt Ion:120 Resp: 1227570
Ion Ratio Lower Upper
120 100
91 460.6 367.2 550.8





#65
 tert-Butylbenzene
 Concen: 10.460 ppbv
 RT: 16.757 min Scan# 41
 Delta R.T. 0.039 min
 Lab File: VL039507.D
 Acq: 20 Jul 2022 10:47

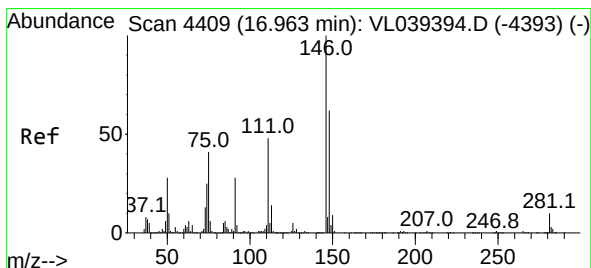
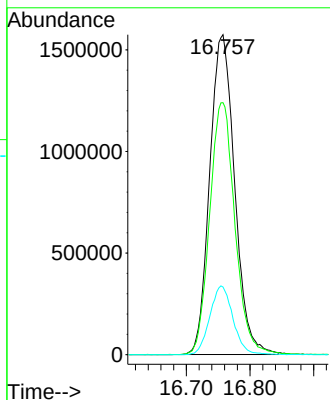
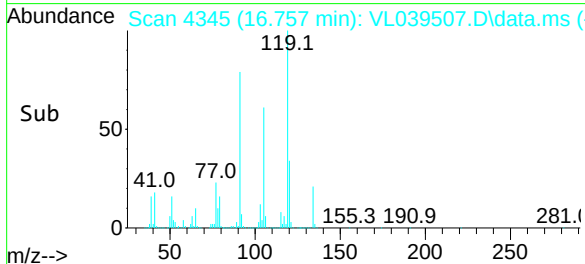
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0719ABS02



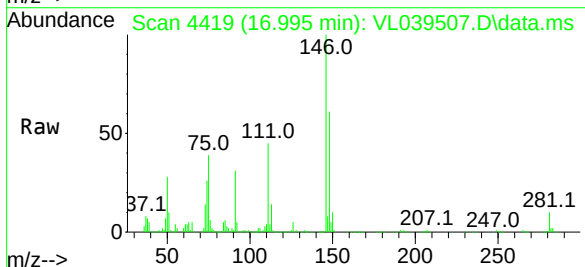
Tgt Ion: 119 Resp: 428288
 Ion Ratio Lower Upper
 119 100
 91 80.0 63.4 95.2
 134 20.0 15.9 23.9

Manual Integrations
 APPROVED

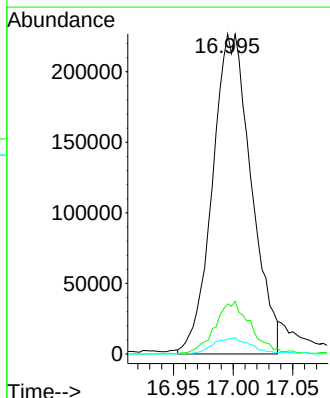
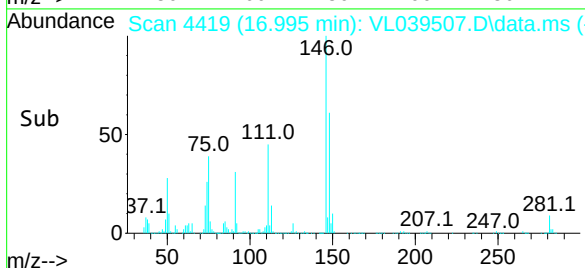
Reviewed By :Semsettin Yesilyurt 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022

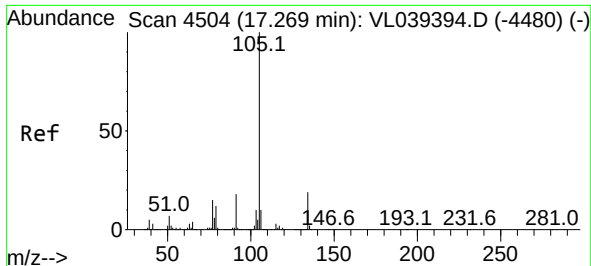


#66
 Benzyl Chloride
 Concen: 13.210 ppbv m
 RT: 16.995 min Scan# 4419
 Delta R.T. 0.032 min
 Lab File: VL039507.D
 Acq: 20 Jul 2022 10:47



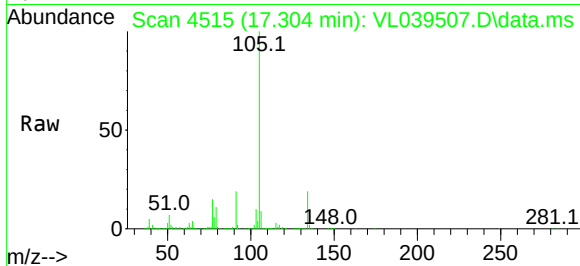
Tgt Ion: 91 Resp: 514004
 Ion Ratio Lower Upper
 91 100
 126 15.7 13.1 19.7
 128 5.2 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 10.678 ppbv
 RT: 17.304 min Scan# 41
 Delta R.T. 0.035 min
 Lab File: VL039507.D
 Acq: 20 Jul 2022 10:47

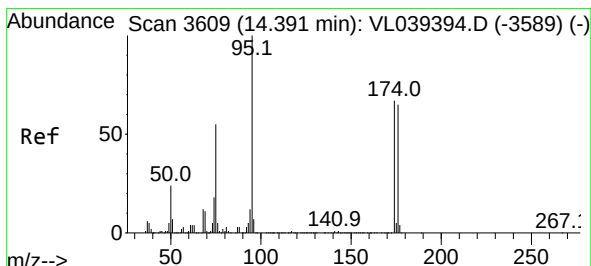
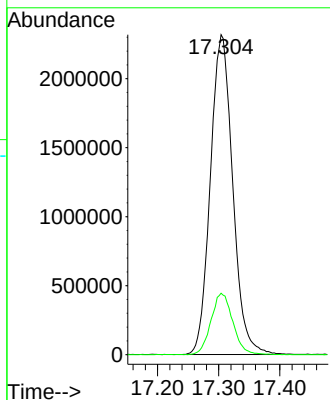
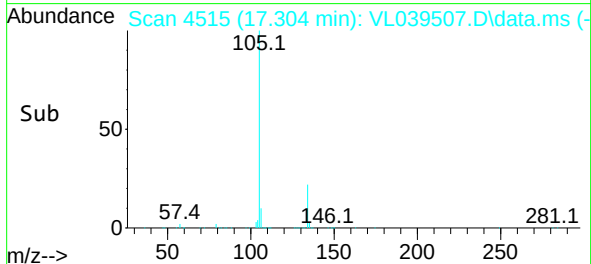
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0719ABS02



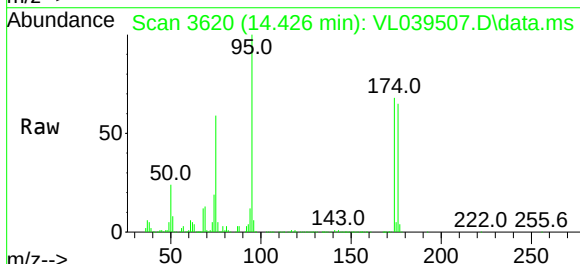
Tgt Ion:105 Resp: 588916
 Ion Ratio Lower Upper
 105 100
 134 18.8 14.8 22.2

Manual Integrations
 APPROVED

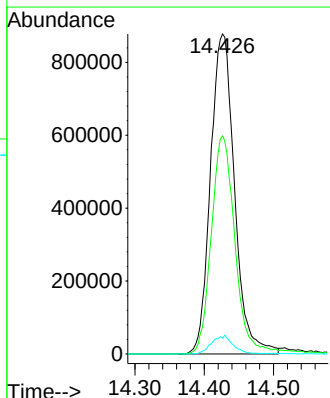
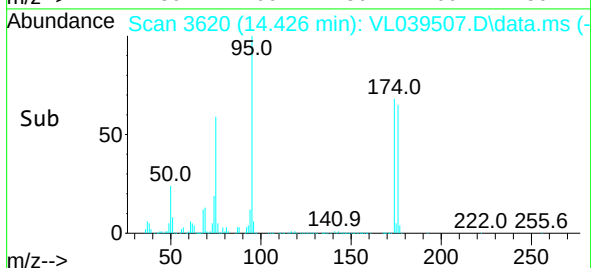
Reviewed By :Semsettin Yesilyurt 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022

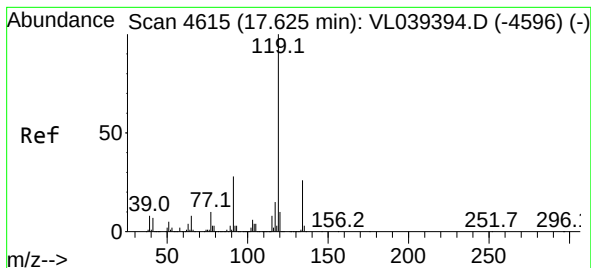


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.571 ppbv
 RT: 14.426 min Scan# 3620
 Delta R.T. 0.035 min
 Lab File: VL039507.D
 Acq: 20 Jul 2022 10:47



Tgt Ion: 95 Resp: 2116713
 Ion Ratio Lower Upper
 95 100
 174 68.2 55.9 83.9
 175 5.3 4.2 6.4





#69

p-Isopropyltoluene

Concen: 10.877 ppbv

RT: 17.664 min Scan# 4090

Delta R.T. 0.039 min

Lab File: VL039507.D

Acq: 20 Jul 2022 10:47

Instrument :

MSVOA_L

ClientSampleId :

VL0719ABS02

Tgt Ion:119 Resp: 5090178

Ion Ratio Lower Upper

119 100

134 25.2 20.3 30.5

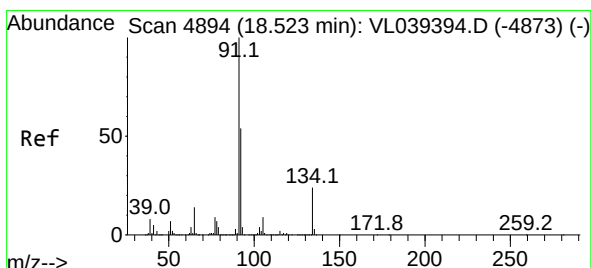
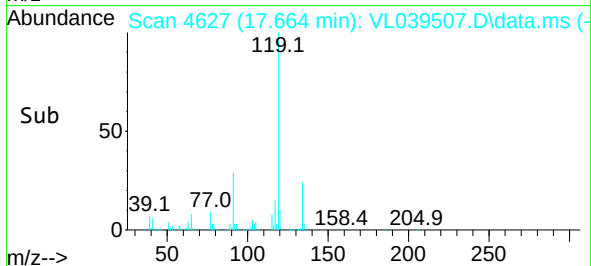
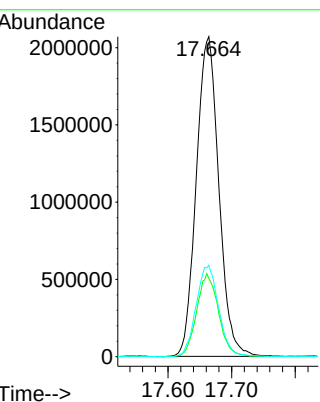
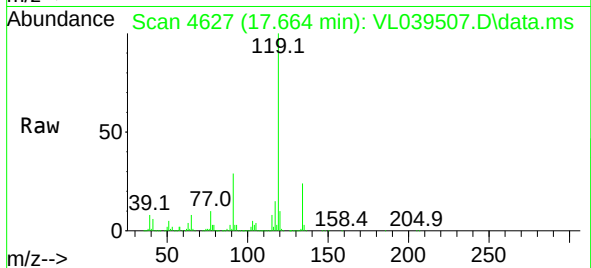
91 28.5 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#70

n-Butylbenzene

Concen: 10.972 ppbv

RT: 18.561 min Scan# 4906

Delta R.T. 0.039 min

Lab File: VL039507.D

Acq: 20 Jul 2022 10:47

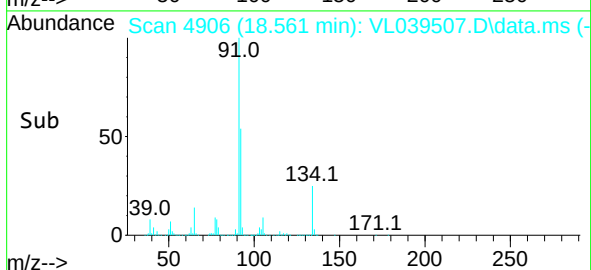
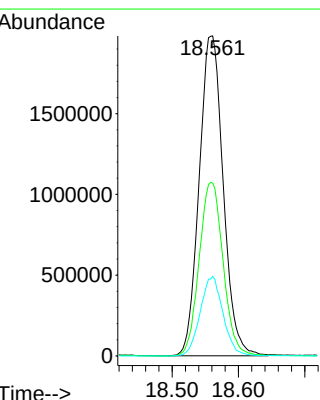
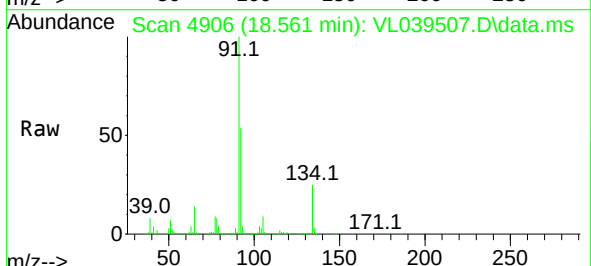
Tgt Ion: 91 Resp: 4983414

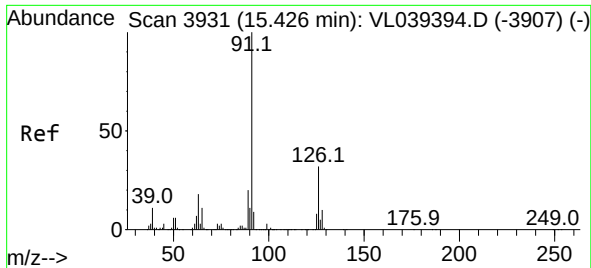
Ion Ratio Lower Upper

91 100

92 54.3 43.4 65.2

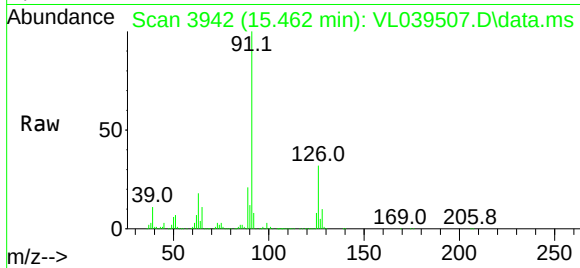
134 23.8 18.9 28.3





#71
2-Chlorotoluene
Concen: 10.812 ppbv
RT: 15.462 min Scan# 3931
Delta R.T. 0.035 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

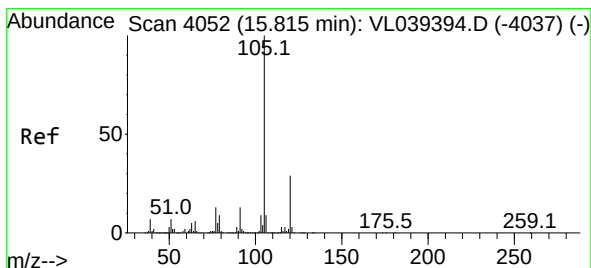
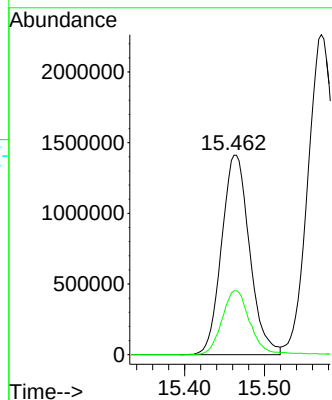
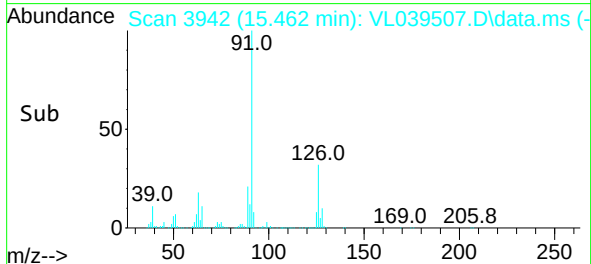
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS02



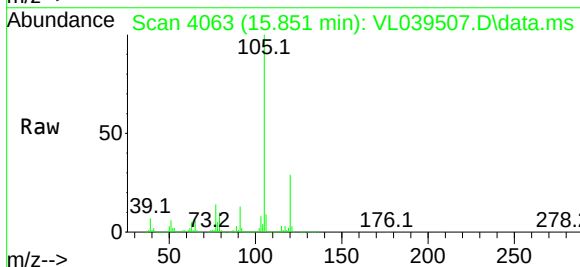
Tgt Ion: 91 Resp: 3428740
Ion Ratio Lower Upper
91 100
126 32.6 13.0 51.8

Manual Integrations
APPROVED

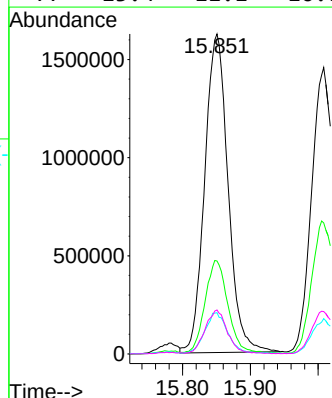
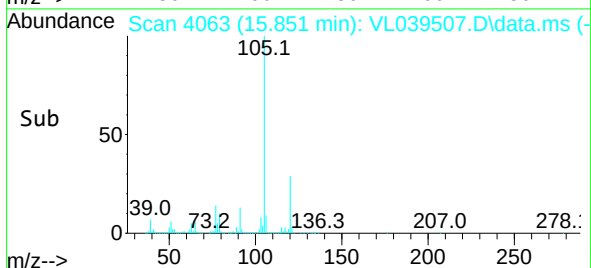
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

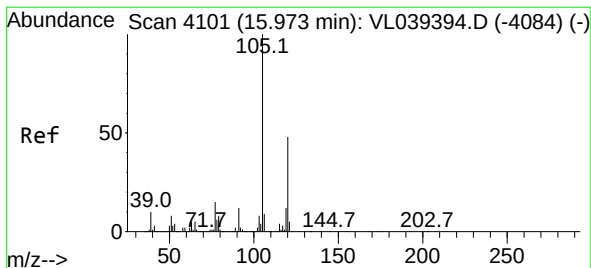


#72
4-Ethyltoluene
Concen: 11.352 ppbv
RT: 15.851 min Scan# 4063
Delta R.T. 0.035 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47



Tgt Ion:105 Resp: 3883397
Ion Ratio Lower Upper
105 100
120 29.3 24.2 36.2
91 12.5 10.2 15.4
77 13.4 11.1 16.7





#73

1,3,5-Trimethylbenzene

Concen: 10.974 ppbv

RT: 16.008 min Scan# 4101

Delta R.T. 0.035 min

Lab File: VL039507.D

Acq: 20 Jul 2022 10:47

Instrument :

MSVOA_L

ClientSampleId :

VL0719ABS02

Tgt Ion:105 Resp: 344795

Ion Ratio Lower Upper

105 100

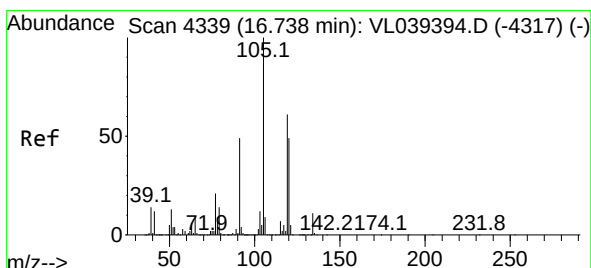
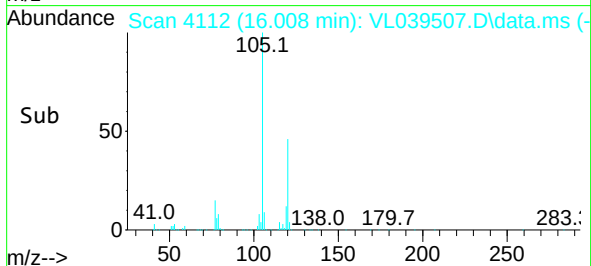
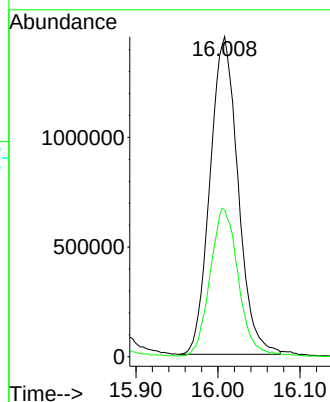
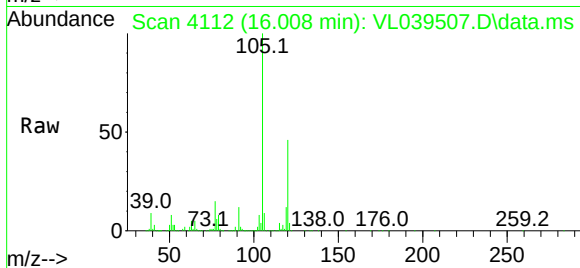
120 45.8 38.2 57.4

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#74

1,2,4-Trimethylbenzene

Concen: 10.903 ppbv

RT: 16.773 min Scan# 4350

Delta R.T. 0.035 min

Lab File: VL039507.D

Acq: 20 Jul 2022 10:47

Tgt Ion:105 Resp: 3789611

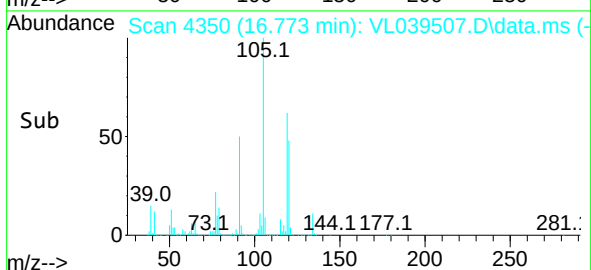
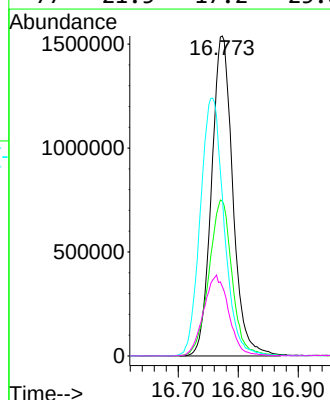
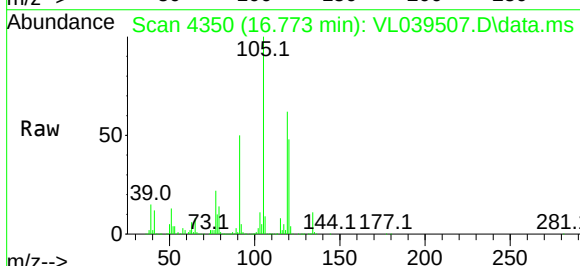
Ion Ratio Lower Upper

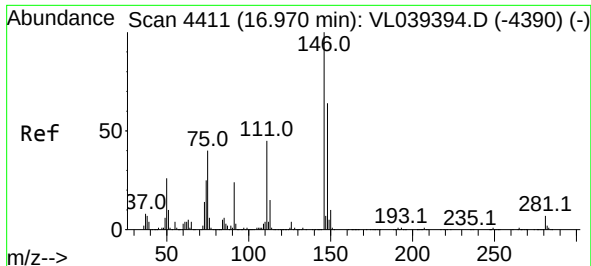
105 100

120 48.3 39.5 59.3

91 49.9 39.2 58.8

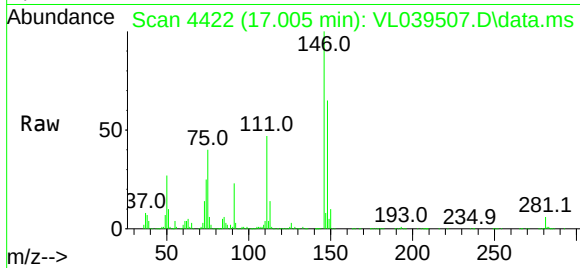
77 21.5 17.2 25.8





#75
1,3-Dichlorobenzene
Concen: 10.906 ppbv
RT: 17.005 min Scan# 4411
Delta R.T. 0.035 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

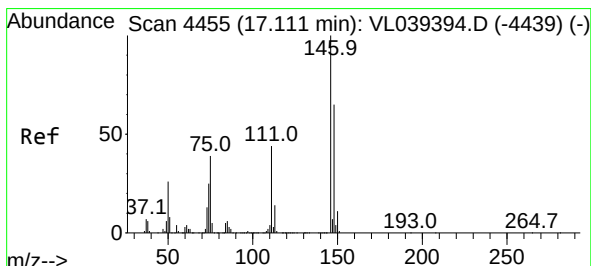
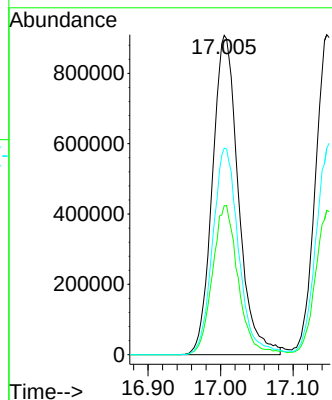
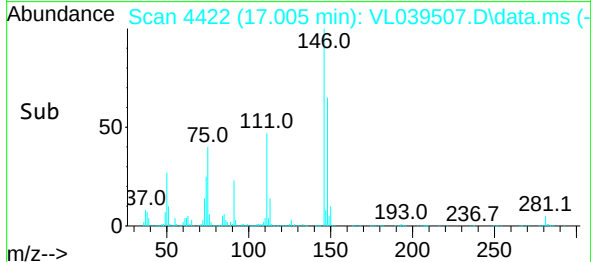
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS02



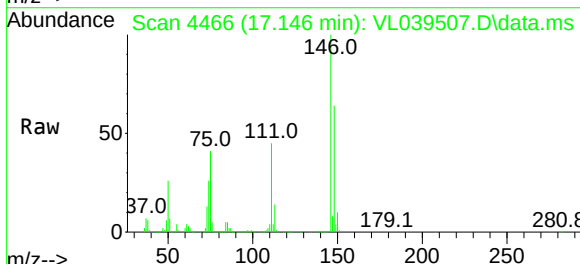
Tgt Ion:146 Resp: 226127
Ion Ratio Lower Upper
146 100
111 46.3 22.9 68.7
148 64.5 32.1 96.5

Manual Integrations
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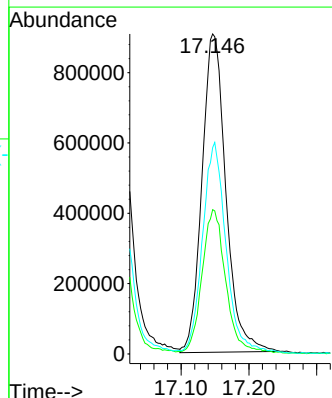
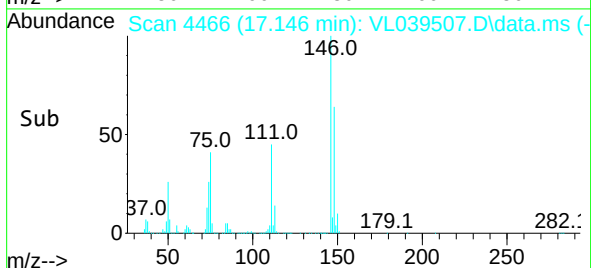
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

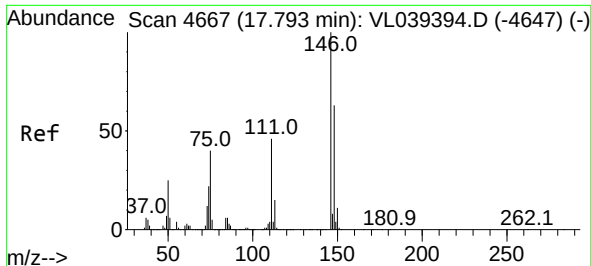


#76
1,4-Dichlorobenzene
Concen: 10.811 ppbv
RT: 17.146 min Scan# 4466
Delta R.T. 0.035 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47



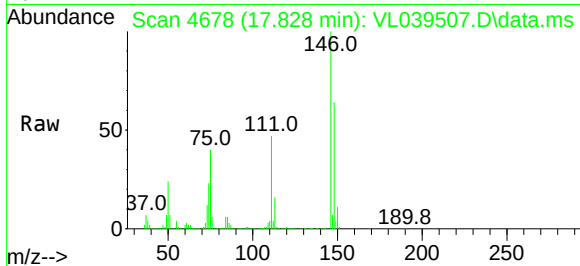
Tgt Ion:146 Resp: 2221599
Ion Ratio Lower Upper
146 100
111 45.3 22.9 68.8
148 65.5 33.6 100.8





#77
1,2-Dichlorobenzene
Concen: 10.739 ppbv
RT: 17.828 min Scan# 4060
Delta R.T. 0.035 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47

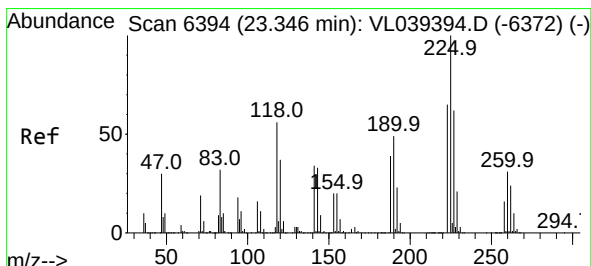
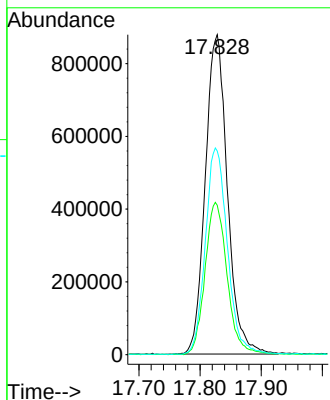
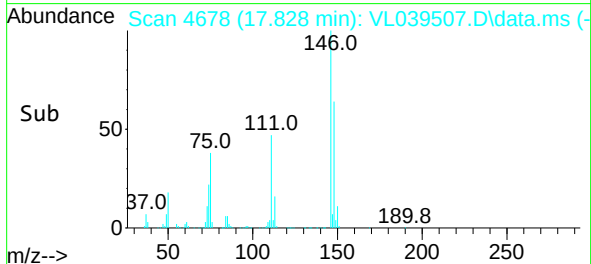
Instrument :
MSVOA_L
ClientSampleId :
VL0719ABS02



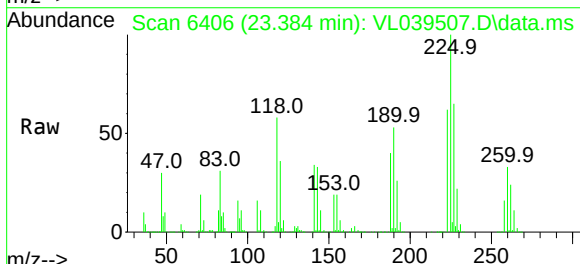
Tgt Ion:146 Resp: 2207174
Ion Ratio Lower Upper
146 100
111 48.1 23.8 71.5
148 64.9 32.3 96.8

Manual Integrations
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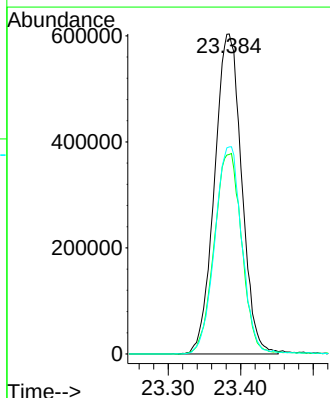
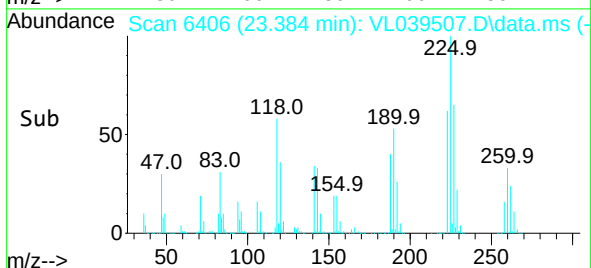
Reviewed By :Semsettin Yesilyurt 07/21/2022
Supervised By :Mahesh Dadoda 07/21/2022

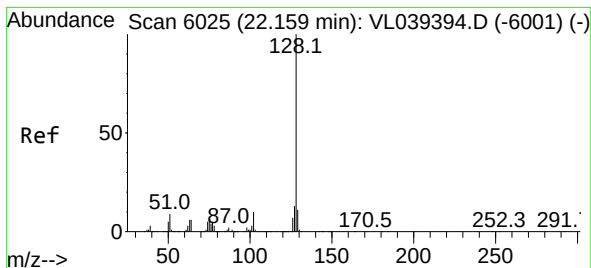


#78
Hexachloro-1,3-Butadiene
Concen: 9.489 ppbv
RT: 23.384 min Scan# 6406
Delta R.T. 0.039 min
Lab File: VL039507.D
Acq: 20 Jul 2022 10:47



Tgt Ion:225 Resp: 1568405
Ion Ratio Lower Upper
225 100
223 63.8 51.8 77.6
227 65.1 51.4 77.2





#79

Naphthalene

Concen: 13.041 ppbv

RT: 22.207 min Scan# 6025

Delta R.T. 0.048 min

Lab File: VL039507.D

Acq: 20 Jul 2022 10:47

Instrument :

MSVOA_L

ClientSampleId :

VL0719ABS02

Tgt Ion:128 Resp: 311948

Ion Ratio Lower Upper

128 100

127 13.9 10.6 15.8

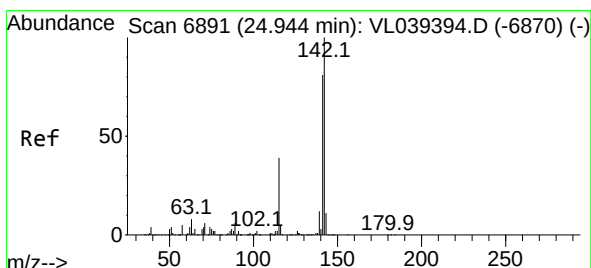
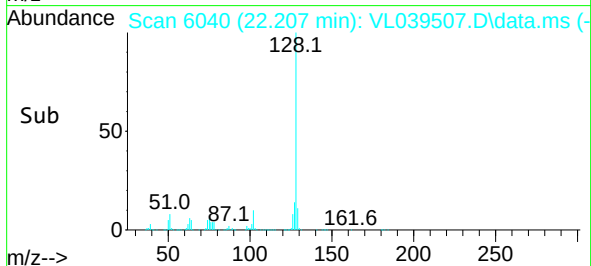
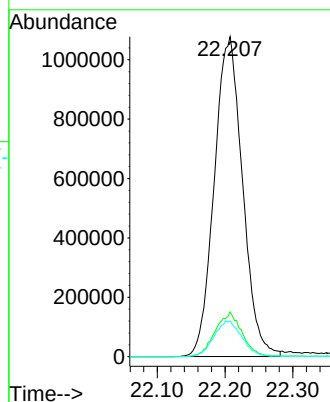
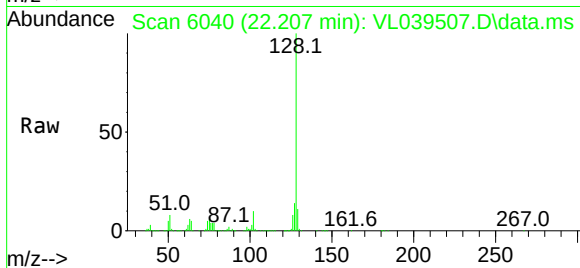
129 11.2 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022

Supervised By :Mahesh Dadoda 07/21/2022



#80

Naphthalene,2-methyl-

Concen: 14.407 ppbv

RT: 24.976 min Scan# 6901

Delta R.T. 0.032 min

Lab File: VL039507.D

Acq: 20 Jul 2022 10:47

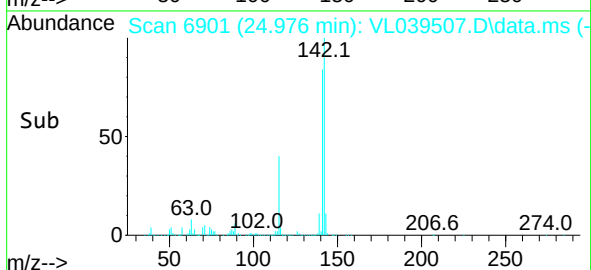
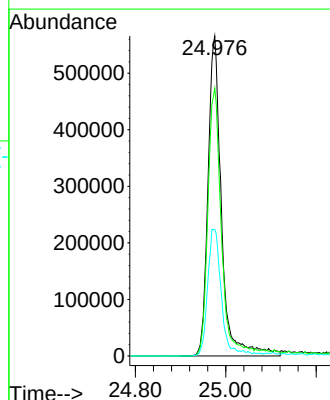
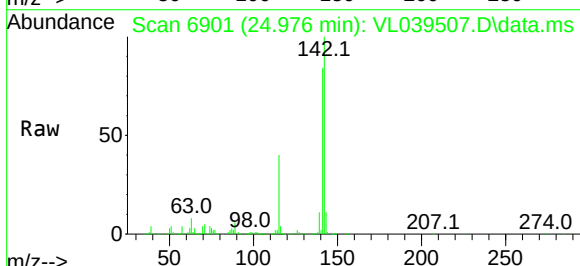
Tgt Ion:142 Resp: 1172918

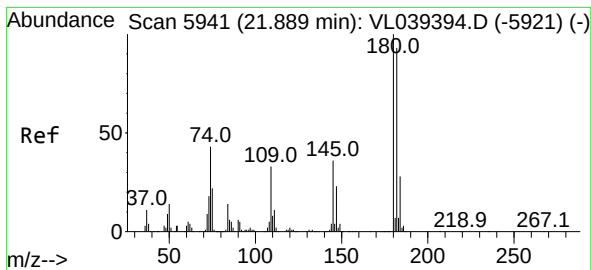
Ion Ratio Lower Upper

142 100

141 84.0 68.9 103.3

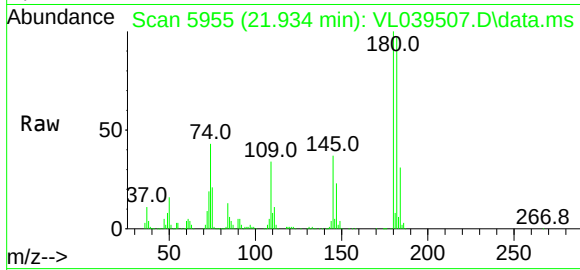
115 40.8 30.0 45.0





#81
 1,2,4-Trichlorobenzene
 Concen: 11.295 ppbv
 RT: 21.934 min Scan# 5955
 Delta R.T. 0.045 min
 Lab File: VL039507.D
 Acq: 20 Jul 2022 10:47

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0719ABS02



Tgt Ion:180 Resp: 1759759

Ion	Ratio	Lower	Upper
180	100		
182	97.3	77.1	115.7
184	30.6	24.3	36.5

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022
 Supervised By :Mahesh Dadoda 07/21/2022

