

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL092222\
 Data File : VL039679.D
 Acq On : 23 Sep 2022 10:00
 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 09/27/2022
 Supervised By : Mahesh Dadoda 09/28/2022

Quant Time: Sep 23 16:51:40 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL091922AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon Sep 19 14:26:28 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.208	49	988367	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.664	114	2570717	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.475	117	2441668	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 13.783 95 1921221 10.540 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 105.400%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.751	85	857486	7.483	ppbv	96
3) Chlorodifluoromethane	2.697	51	1085767	9.257	ppbv	98
4) Chloromethane	2.835	50	585978	8.279	ppbv	98
5) Vinyl Chloride	2.941	62	551206	9.343	ppbv	97
6) Bromomethane	3.144	94	228958	10.523	ppbv	93
7) Chloroethane	3.221	64	196895	9.126	ppbv	92
8) Dichlorotetrafluoroethane	2.880	85	1199636	8.728	ppbv	96
9) Propene	2.716	41	474599	8.860	ppbv	99
10) Heptane	7.590	43	1250089	10.000	ppbv	98
11) Trichlorofluoromethane	3.584	101	1371614	9.666	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.086	101	1010540	9.429	ppbv	99
13) Ethanol	3.263	45	38628m	9.464	ppbv	
14) Bromoethene	3.388	108	402987	9.418	ppbv	97
15) Acetone	3.491	43	997382	9.069	ppbv	99
16) 1,3-Butadiene	3.009	39	555509	9.957	ppbv	96
17) tert-Butyl alcohol	3.896	59	989723	10.028	ppbv	100
18) 1,1-Dichloroethene	3.899	96	441706	9.367	ppbv	96
19) Isopropyl Alcohol	3.594	45	511568	9.125	ppbv	98
20) Methylene Chloride	3.954	84	368280	7.243	ppbv	99
21) Allyl Chloride	4.018	41	690185	9.216	ppbv	98
22) trans-1,2-Dichloroethene	4.465	96	436897	9.365	ppbv	95
23) Vinyl Acetate	4.642	43	258302	5.195	ppbv #	98
24) 1,1-Dichloroethane	4.581	63	975620	9.854	ppbv	98
25) Ethyl Acetate	5.221	43	2520638	10.511	ppbv	99
26) Hexane	5.227	57	901328	8.856	ppbv	83
27) Carbon Disulfide	4.144	76	1076649	10.066	ppbv	99
28) Methyl tert-Butyl Ether	4.607	73	766593	8.966	ppbv	99
29) Chloroform	5.291	83	1417192	9.646	ppbv	94
30) Cyclohexane	6.613	84	757264	9.609	ppbv	93
31) cis-1,2-Dichloroethene	5.095	61	843634	9.165	ppbv	99
32) 1,1,1-Trichloroethane	6.018	97	1385973	10.420	ppbv	98
34) 2-Butanone	4.806	43	1122797	8.892	ppbv	97
35) Carbon Tetrachloride	6.507	117	1447405	10.606	ppbv	95
36) Benzene	6.385	78	1901856	9.677	ppbv	97
37) 1,2-Dichloroethane	5.819	62	1001276	9.360	ppbv	99
38) Trichloroethene	7.301	130	882247	8.306	ppbv	99
39) 1,2-Dichloropropane	7.086	63	723045	9.527	ppbv	96
40) 1,4-Dioxane	7.295	88	284555	9.182	ppbv #	1
41) Tetrahydrofuran	5.571	42	753989	9.733	ppbv	97
42) Bromodichloromethane	7.259	83	1519641	10.214	ppbv	98
43) Methyl Methacrylate	7.488	69	784663	10.952	ppbv	98
44) 2,2,4-Trimethylpentane	7.340	57	3297064	9.733	ppbv	99
45) t-1,3-Dichloropropene	8.719	75	528320	8.727	ppbv	99

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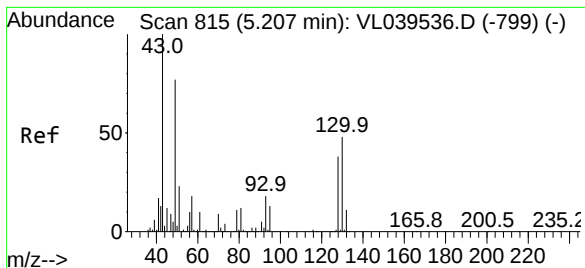
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2

QLast Update : Mon Sep 19 14:26:28 2022

Response via : Initial Calibration

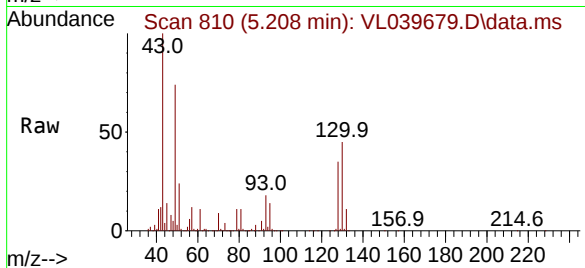
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.153	75	821950	9.537	ppbv	100
47) 1,1,2-Trichloroethane	8.905	97	805765	9.713	ppbv	98
48) Dibromochloromethane	9.716	129	1343920	10.758	ppbv	99
49) Bromoform	12.413	173	1152658	11.157	ppbv	99
50) 4-Methyl-2-Pentanone	8.192	43	2061570	10.390	ppbv	97
51) 2-Hexanone	9.561	43	1542633	10.503	ppbv	97
52) Tetrachloroethene	10.619	164	718943	9.588	ppbv	95
53) Toluene	9.227	91	2246596	10.278	ppbv	100
54) 1,2-Dibromoethane	10.015	107	1025160	11.552	ppbv	99
56) 1,1,1,2-Tetrachloroethane	11.516	131	1060853	10.751	ppbv	97
57) Chlorobenzene	11.532	112	1741157	9.697	ppbv	99
58) Ethyl Benzene	12.095	91	3031149	10.767	ppbv	98
59) m/p-Xylene	12.381	91	5190441m	20.717	ppbv	
60) o-Xylene	13.066	91	2519331	10.530	ppbv	99
61) Styrene	12.905	104	1423839	11.050	ppbv	99
62) Isopropylbenzene	14.037	105	3870379	10.751	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.053	83	1540728	16.145	ppbv	99
64) n-propylbenzene	14.925	120	1012931	10.987	ppbv	95
65) tert-Butylbenzene	16.095	119	3484924	10.956	ppbv	100
66) Benzyl Chloride	16.336	91	178145	7.034	ppbv	99
67) sec-Butylbenzene	16.645	105	4930469	11.052	ppbv	98
69) p-Isopropyltoluene	17.005	119	4121070	11.242	ppbv	99
70) n-Butylbenzene	17.895	91	4111338	11.441	ppbv	99
71) 2-Chlorotoluene	14.809	91	2870178	11.042	ppbv	99
72) 4-Ethyltoluene	15.201	105	2961887	10.844	ppbv	99
73) 1,3,5-Trimethylbenzene	15.359	105	2718345	10.876	ppbv	98
74) 1,2,4-Trimethylbenzene	16.117	105	2980178	10.638	ppbv	99
75) 1,3-Dichlorobenzene	16.339	146	1763563	10.550	ppbv	99
76) 1,4-Dichlorobenzene	16.481	146	1691377	10.114	ppbv	99
77) 1,2-Dichlorobenzene	17.146	146	1729052	10.607	ppbv	99
78) Hexachloro-1,3-Butadiene	22.638	225	1281609	10.290	ppbv	99
79) Naphthalene	21.391	128	2398201	12.971	ppbv	99
80) Naphthalene,2-methyl-	24.384	142	604816	8.700	ppbv	98
81) 1,2,4-Trichlorobenzene	21.146	180	1358428	11.186	ppbv	100

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.208 min Scan# 81
Delta R.T. 0.001 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

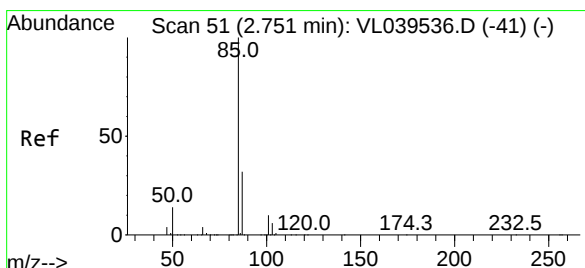
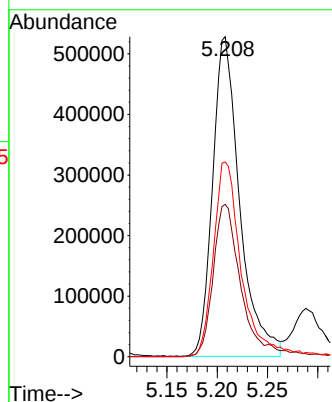
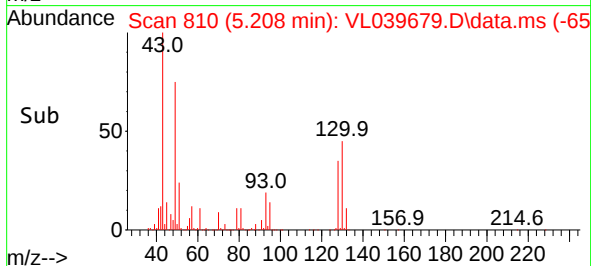
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 49 Resp: 98836
Ion Ratio Lower Upper
49 100
128 50.3 26.7 80.0
130 64.1 34.3 102.8

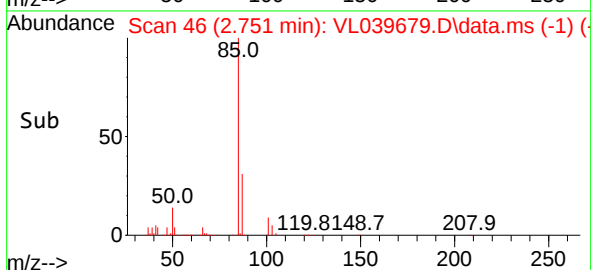
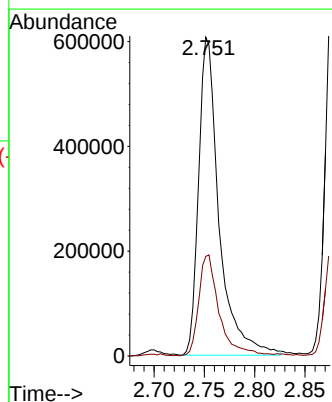
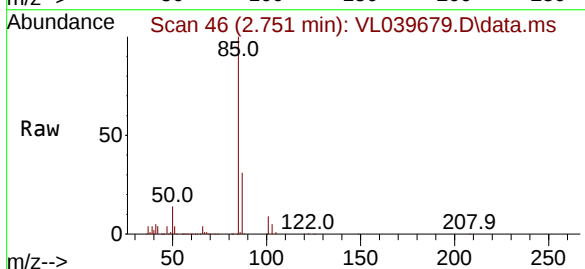
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#2
Dichlorodifluoromethane
Concen: 7.483 ppbv
RT: 2.751 min Scan# 46
Delta R.T. 0.001 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

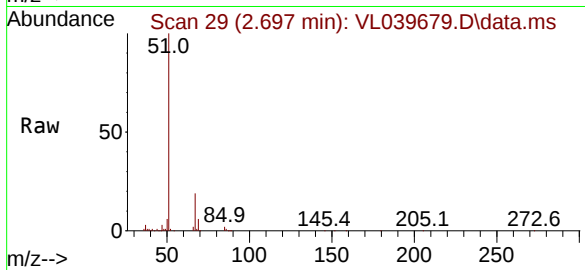
Tgt Ion: 85 Resp: 857486
Ion Ratio Lower Upper
85 100
87 31.3 26.7 40.1





#3
Chlorodifluoromethane
Concen: 9.257 ppbv
RT: 2.697 min Scan# 29
Delta R.T. 0.004 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

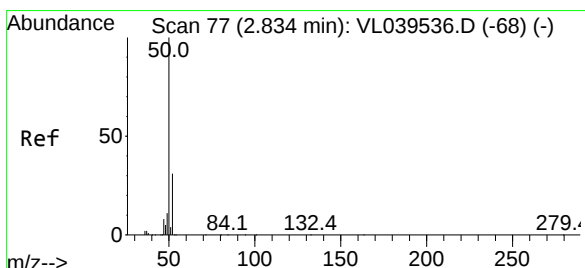
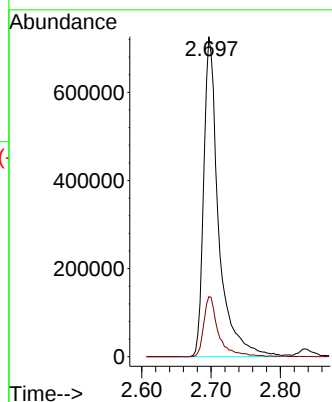
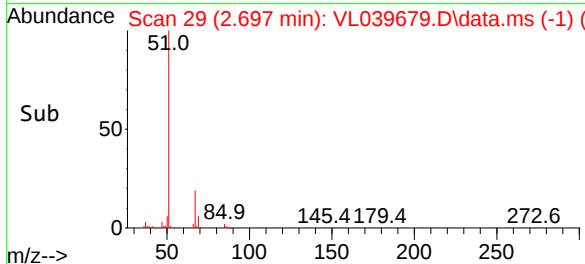
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



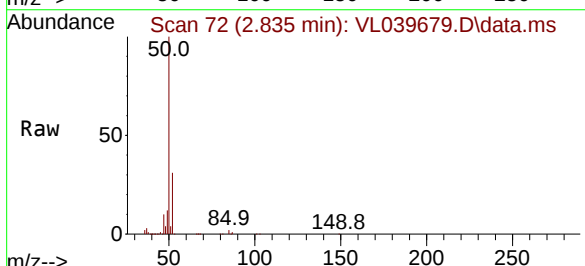
Tgt Ion: 51 Resp: 108576
Ion Ratio Lower Upper
51 100
67 18.7 15.7 23.5

Manual Integrations
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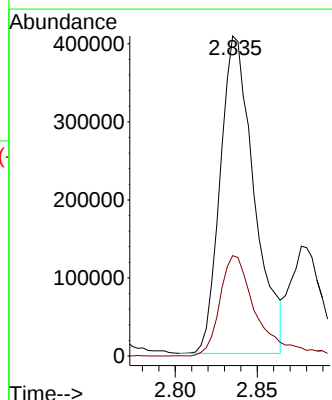
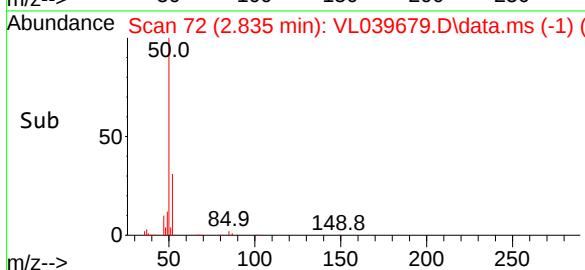
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

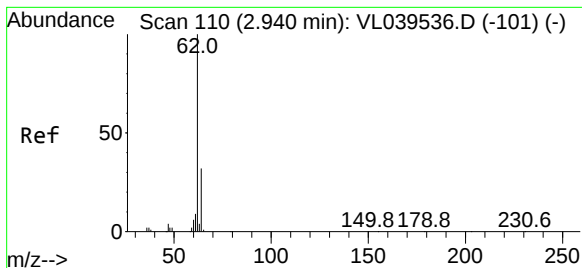


#4
Chloromethane
Concen: 8.279 ppbv
RT: 2.835 min Scan# 72
Delta R.T. 0.001 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00



Tgt Ion: 50 Resp: 585978
Ion Ratio Lower Upper
50 100
52 31.7 26.5 39.7





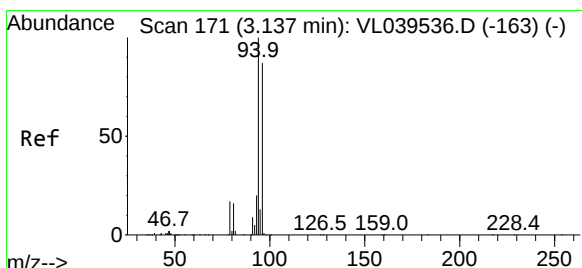
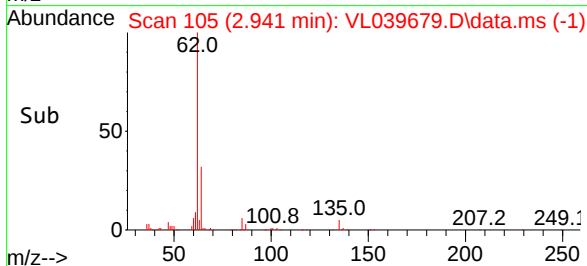
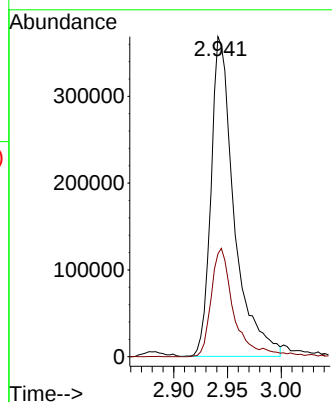
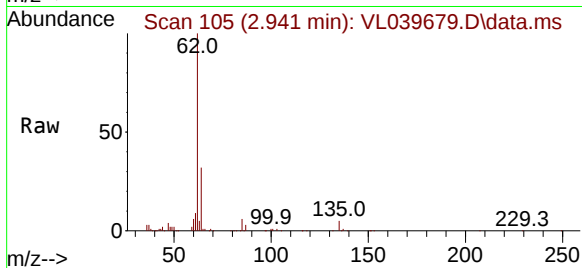
#5
 Vinyl Chloride
 Concen: 9.343 ppbv
 RT: 2.941 min Scan# 105
 Delta R.T. 0.001 min
 Lab File: VL039679.D
 Acq: 23 Sep 2022 10:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion: 62 Resp: 551200
 Ion Ratio Lower Upper
 62 100
 64 32.2 24.6 36.8

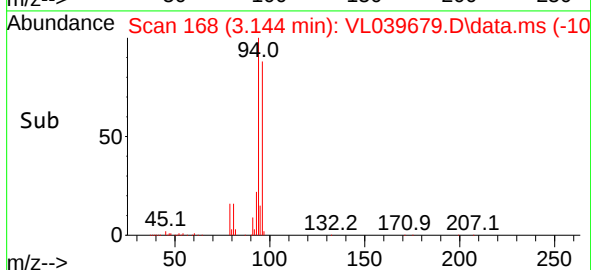
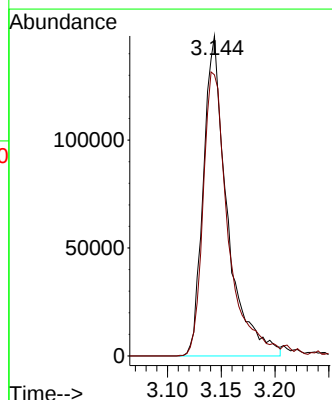
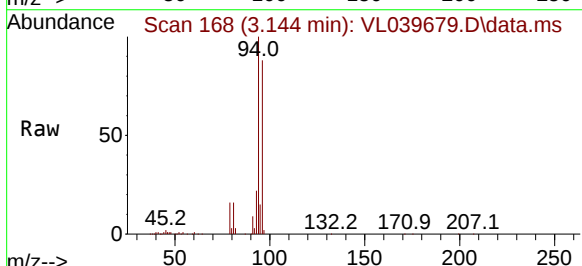
Manual Integrations
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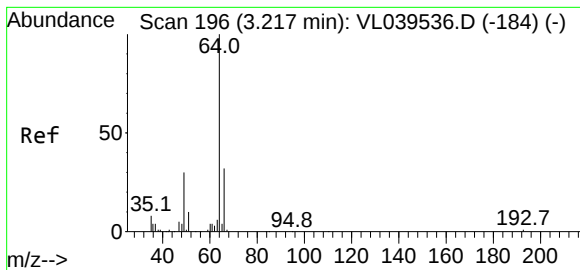
Reviewed By :Semsettin Yesilyurt 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022



#6
 Bromomethane
 Concen: 10.523 ppbv
 RT: 3.144 min Scan# 168
 Delta R.T. 0.007 min
 Lab File: VL039679.D
 Acq: 23 Sep 2022 10:00

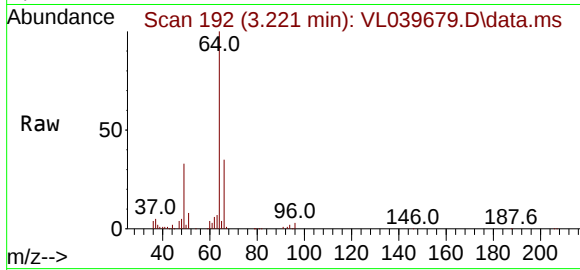
Tgt Ion: 94 Resp: 228958
 Ion Ratio Lower Upper
 94 100
 96 87.7 75.6 113.4





#7
Chloroethane
Concen: 9.126 ppbv
RT: 3.221 min Scan# 196
Delta R.T. 0.004 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

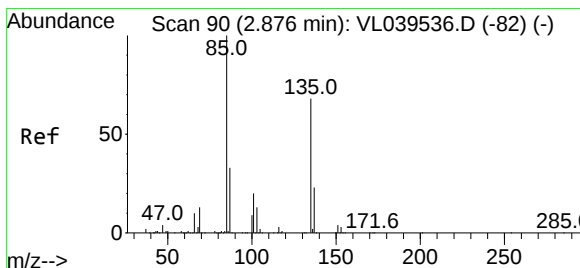
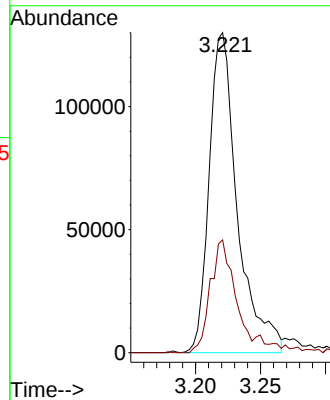
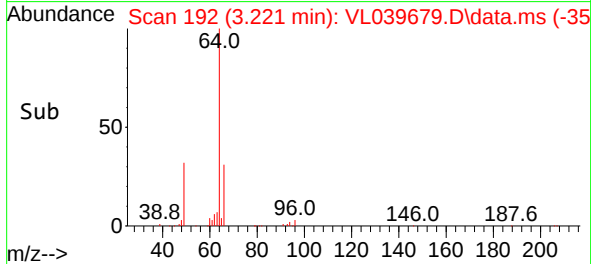
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 19689
Ion Ratio Lower Upper
64 100
66 35.3 24.7 37.1

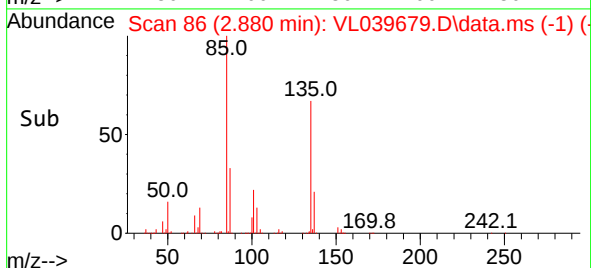
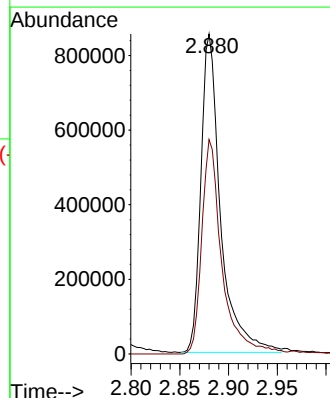
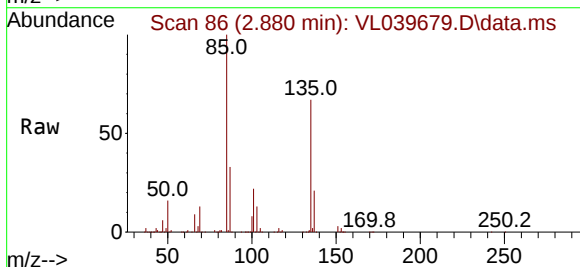
Manual Integrations
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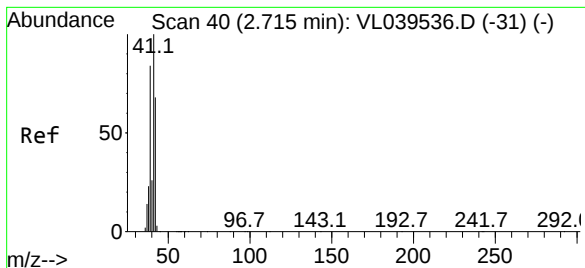
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#8
Dichlorotetrafluoroethane
Concen: 8.728 ppbv
RT: 2.880 min Scan# 86
Delta R.T. 0.004 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

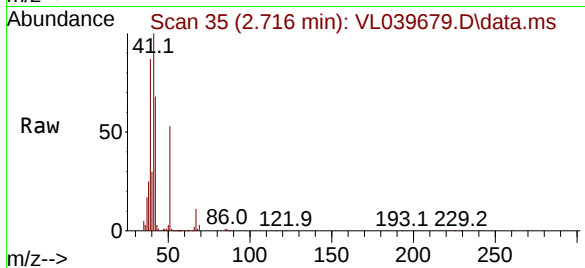
Tgt Ion: 85 Resp: 1199636
Ion Ratio Lower Upper
85 100
135 70.0 59.0 88.4





#9
 Propene
 Concen: 8.860 ppbv
 RT: 2.716 min Scan# 31
 Delta R.T. 0.001 min
 Lab File: VL039679.D
 Acq: 23 Sep 2022 10:00

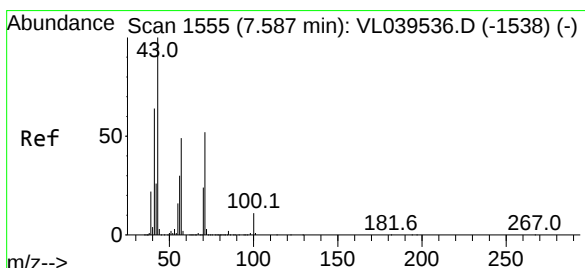
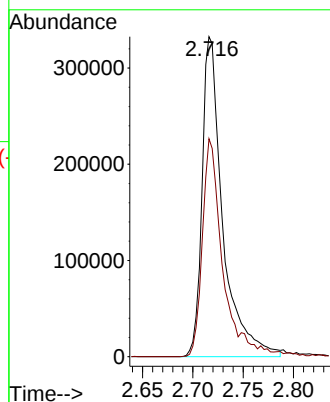
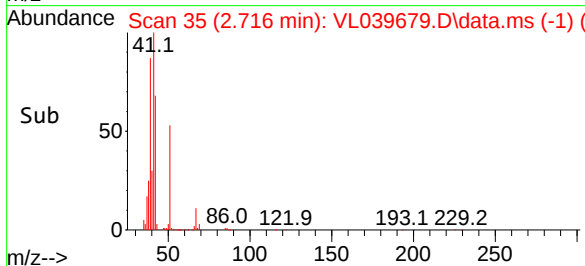
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 474599
 Ion Ratio Lower Upper
 41 100
 42 68.3 55.2 82.8

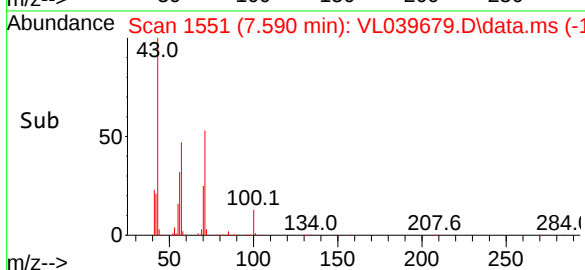
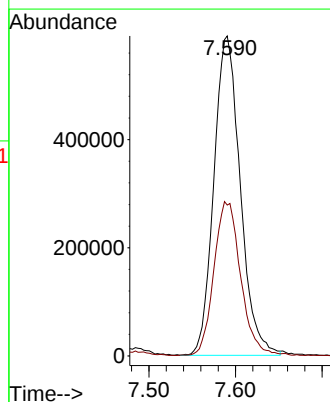
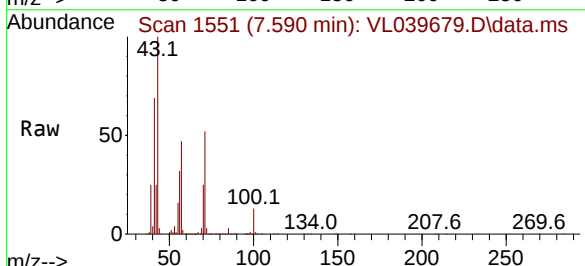
Manual Integrations
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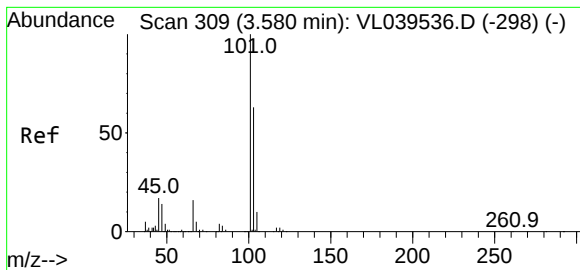
Reviewed By :Semsettin Yesilyurt 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022



#10
 Heptane
 Concen: 10.000 ppbv
 RT: 7.590 min Scan# 1551
 Delta R.T. 0.004 min
 Lab File: VL039679.D
 Acq: 23 Sep 2022 10:00

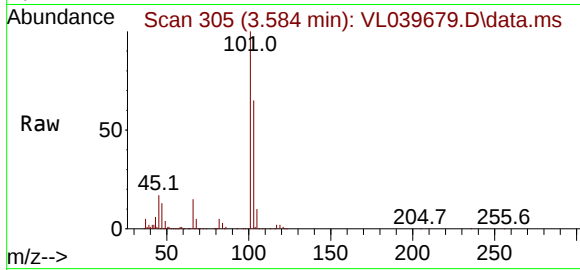
Tgt Ion: 43 Resp: 1250089
 Ion Ratio Lower Upper
 43 100
 57 49.3 40.5 60.7





#11
Trichlorofluoromethane
Concen: 9.666 ppbv
RT: 3.584 min Scan# 309
Delta R.T. 0.004 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

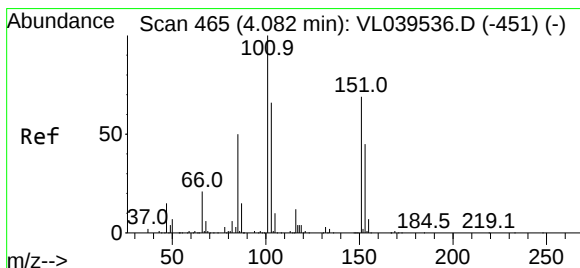
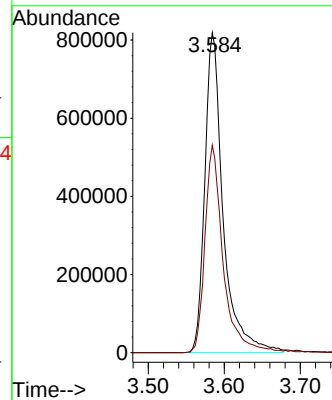
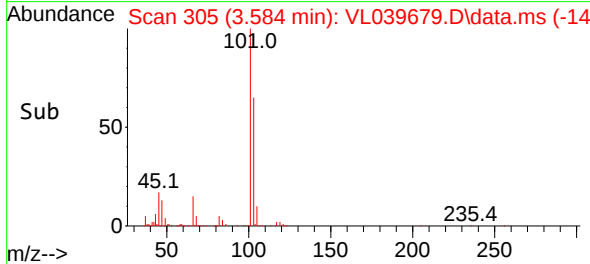
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:101 Resp: 1371614
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8

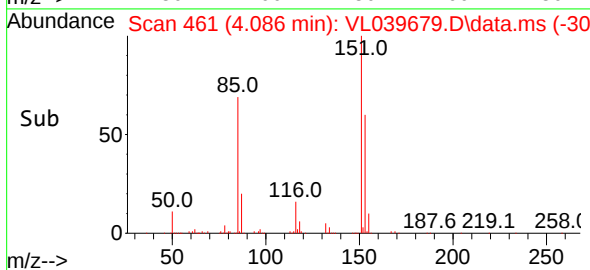
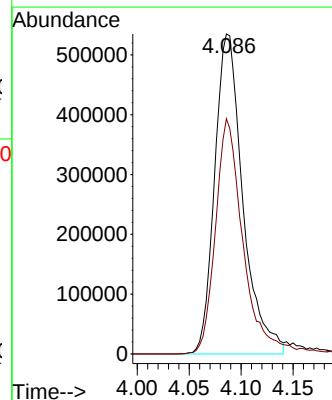
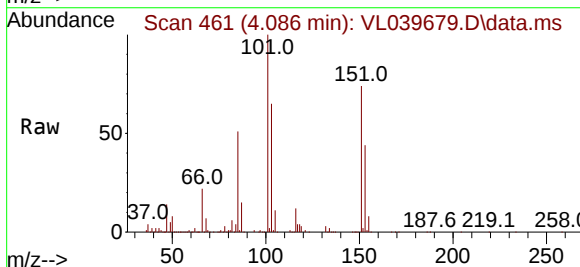
Manual Integrations
APPROVED

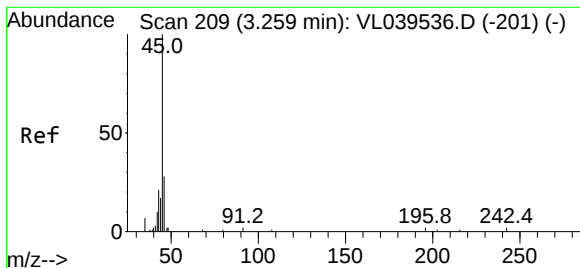
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.429 ppbv
RT: 4.086 min Scan# 461
Delta R.T. 0.004 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

Tgt Ion:101 Resp: 1010540
Ion Ratio Lower Upper
101 100
151 73.1 58.9 88.3





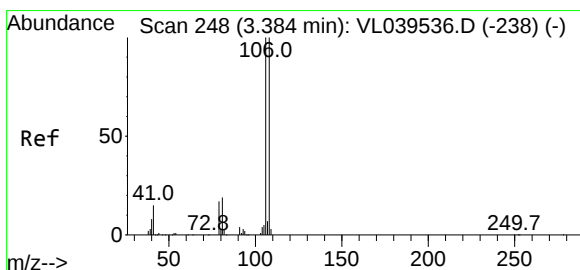
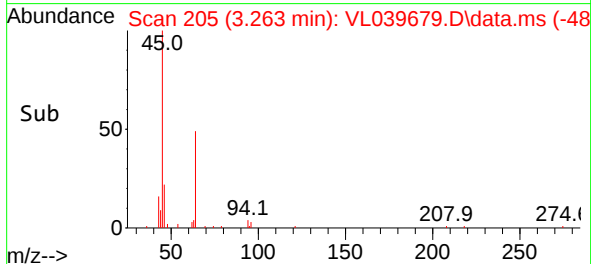
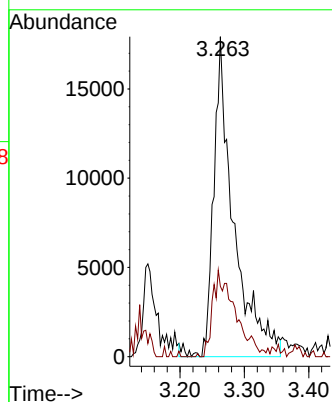
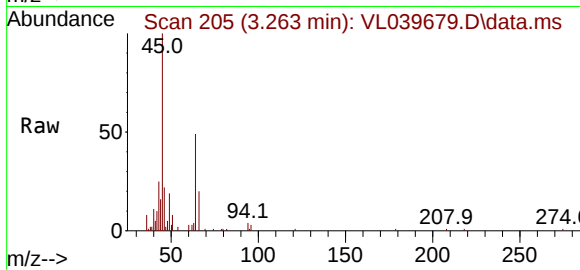
#13
Ethanol
Concen: 9.464 ppbv m
RT: 3.263 min Scan# 209
Delta R.T. 0.004 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 45 Resp: 38628
Ion Ratio Lower Upper
45 100
46 32.2 22.8 91.2

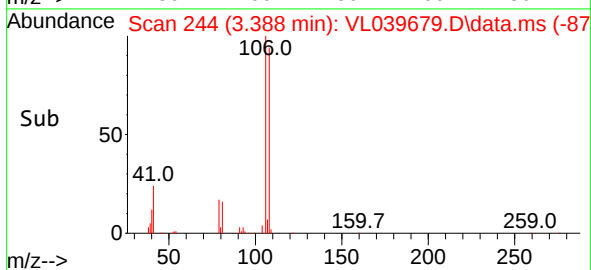
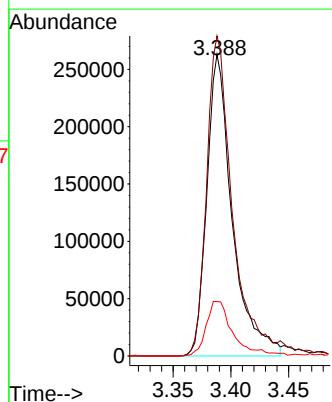
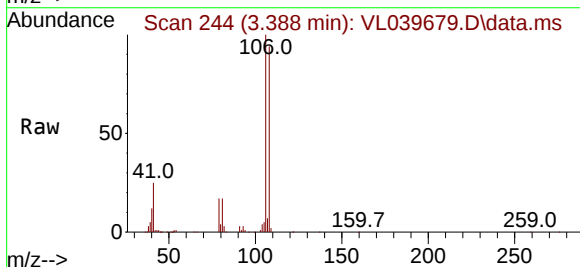
Manual Integrations
APPROVED

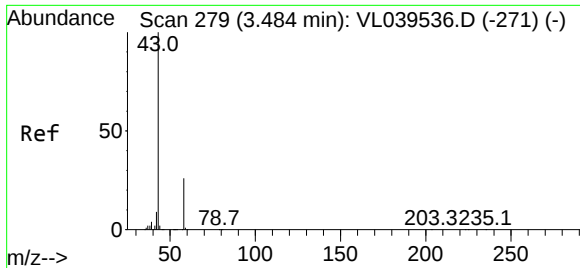
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#14
Bromoethene
Concen: 9.418 ppbv
RT: 3.388 min Scan# 244
Delta R.T. 0.004 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

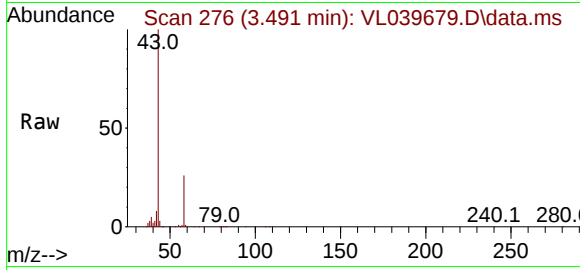
Tgt Ion:108 Resp: 402987
Ion Ratio Lower Upper
108 100
106 111.9 87.1 130.7
79 20.2 14.6 22.0





#15
Acetone
Concen: 9.069 ppbv
RT: 3.491 min Scan# 21
Delta R.T. 0.007 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

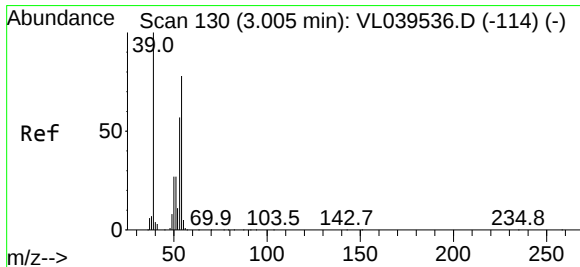
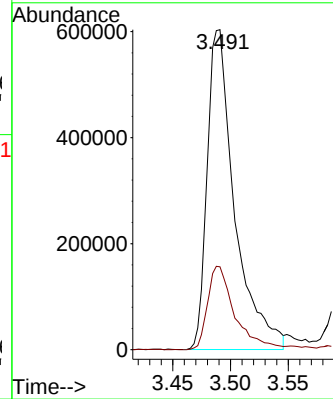
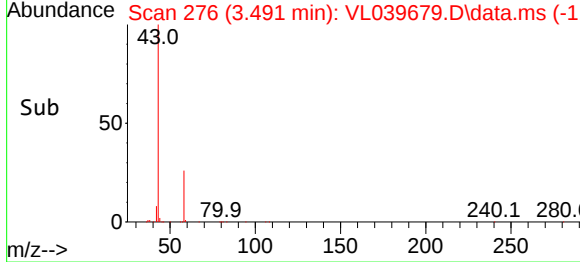
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



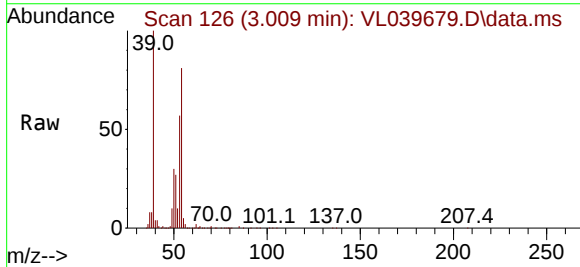
Tgt Ion: 43 Resp: 997382
Ion Ratio Lower Upper
43 100
58 26.6 21.0 31.6

Manual Integrations
APPROVED

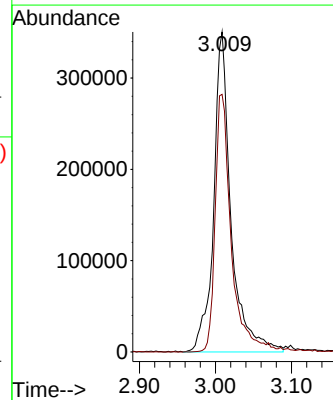
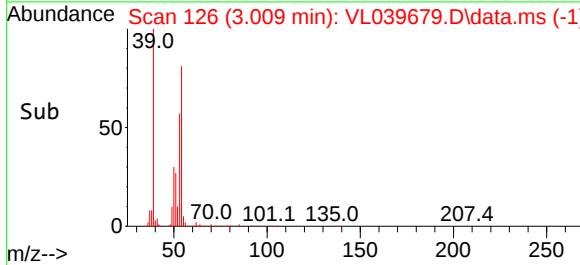
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

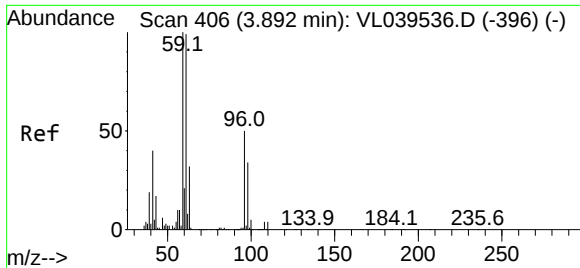


#16
1,3-Butadiene
Concen: 9.957 ppbv
RT: 3.009 min Scan# 126
Delta R.T. 0.004 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00



Tgt Ion: 39 Resp: 555509
Ion Ratio Lower Upper
39 100
54 76.1 63.7 95.5





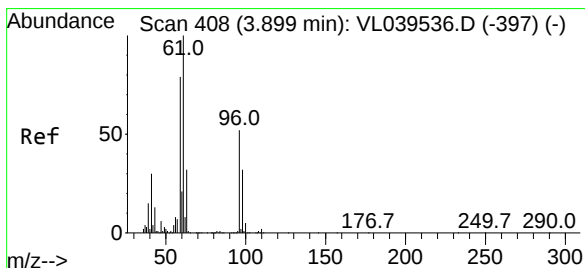
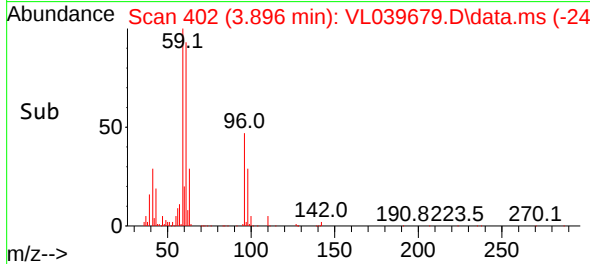
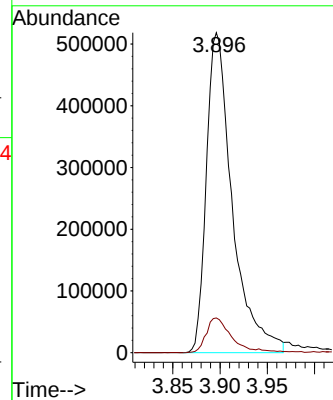
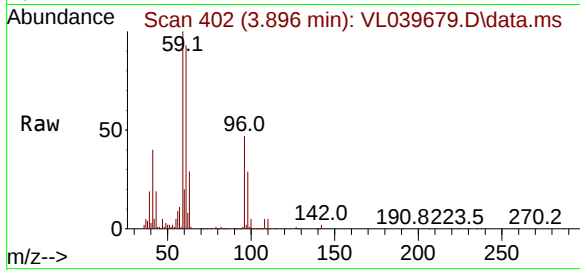
#17
tert-Butyl alcohol
Concen: 10.028 ppbv
RT: 3.896 min Scan# 406
Delta R.T. 0.004 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 59 Resp: 98972
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

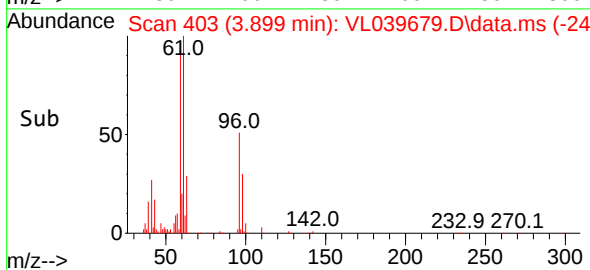
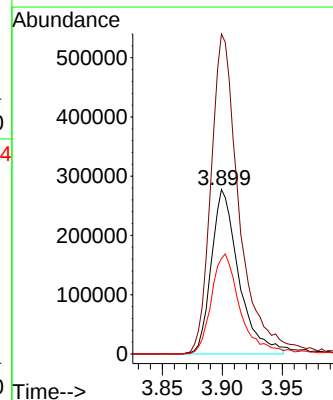
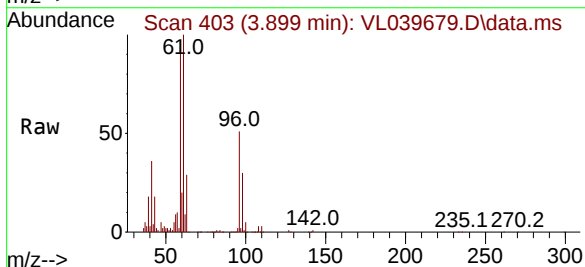
Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#18
1,1-Dichloroethene
Concen: 9.367 ppbv
RT: 3.899 min Scan# 403
Delta R.T. 0.001 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

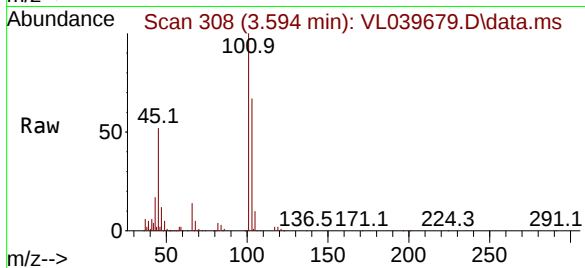
Tgt Ion: 96 Resp: 441706
Ion Ratio Lower Upper
96 100
61 194.5 152.2 228.4
98 58.1 51.8 77.6





#19
Isopropyl Alcohol
Concen: 9.125 ppbv
RT: 3.594 min Scan# 308
Delta R.T. 0.004 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

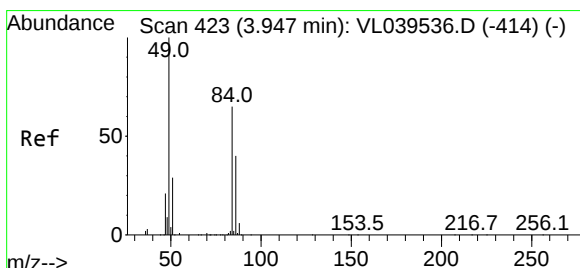
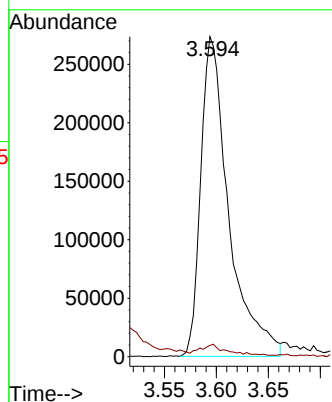
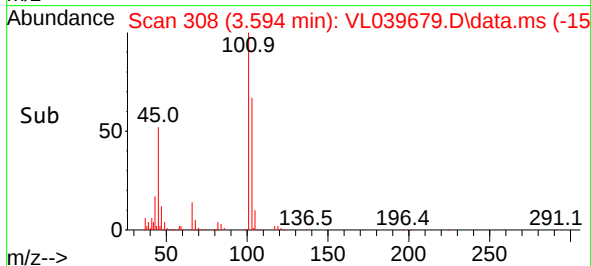
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 45 Resp: 51156
Ion Ratio Lower Upper
45 100
58 3.4 3.2 4.8

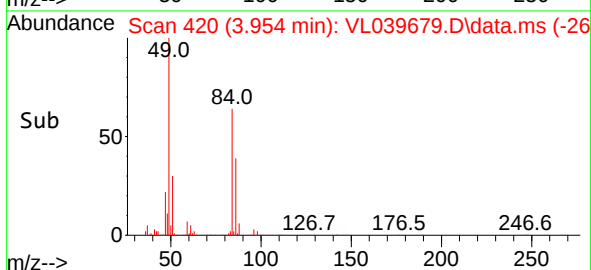
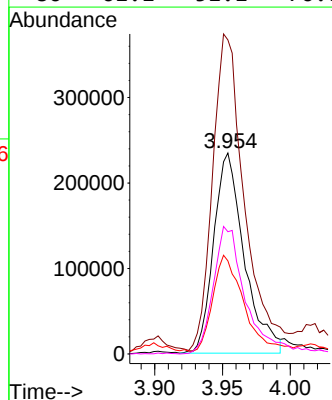
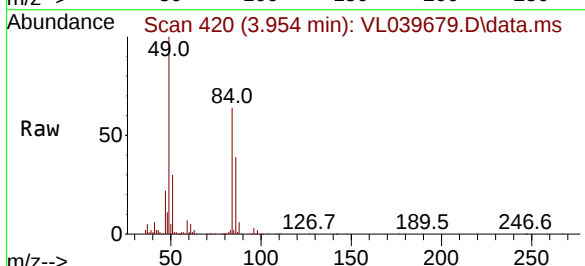
Manual Integrations
APPROVED

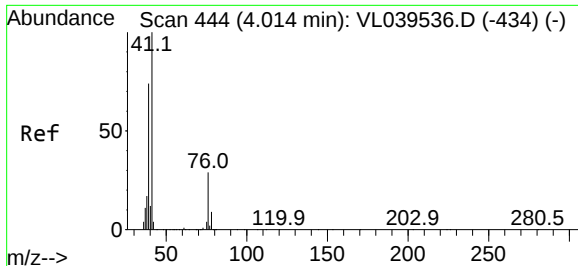
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#20
Methylene Chloride
Concen: 7.243 ppbv
RT: 3.954 min Scan# 420
Delta R.T. 0.007 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

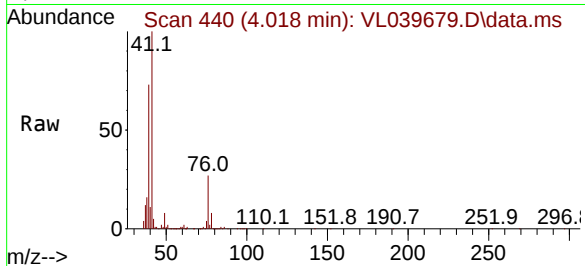
Tgt Ion: 84 Resp: 368280
Ion Ratio Lower Upper
84 100
49 154.1 123.1 184.7
51 44.9 34.4 51.6
86 61.1 51.1 76.7





#21
 Allyl Chloride
 Concen: 9.216 ppbv
 RT: 4.018 min Scan# 444
 Delta R.T. 0.004 min
 Lab File: VL039679.D
 Acq: 23 Sep 2022 10:00

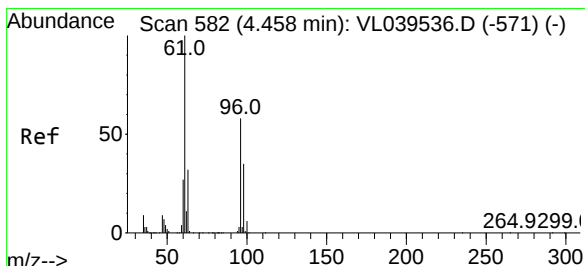
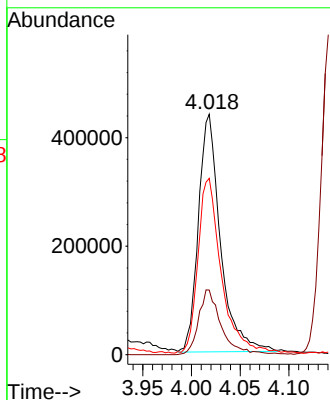
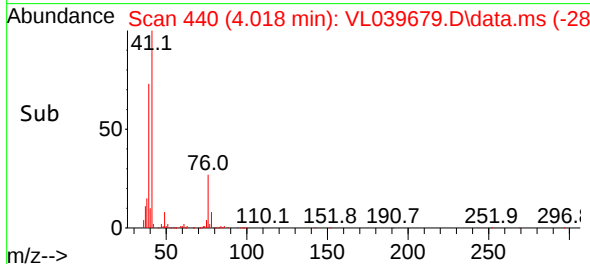
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion: 41 Resp: 690185
 Ion Ratio Lower Upper
 41 100
 76 28.0 24.4 36.6
 39 79.0 63.5 95.3

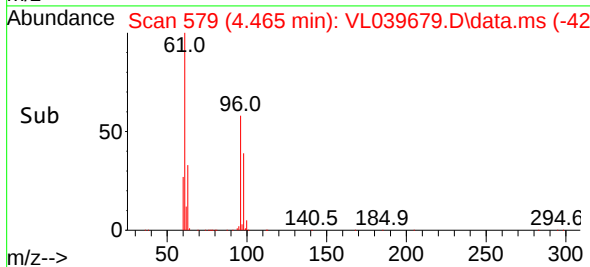
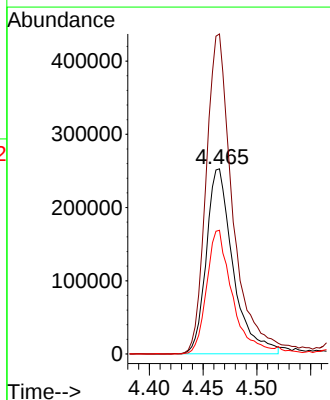
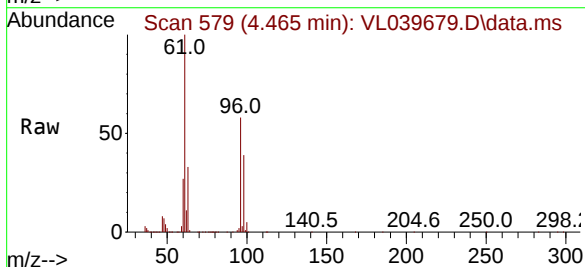
Manual Integrations
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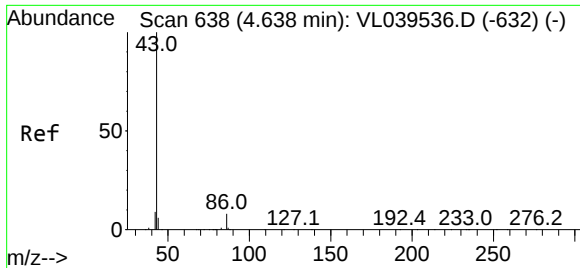
Reviewed By :Semsettin Yesilyurt 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022



#22
 trans-1,2-Dichloroethene
 Concen: 9.365 ppbv
 RT: 4.465 min Scan# 579
 Delta R.T. 0.007 min
 Lab File: VL039679.D
 Acq: 23 Sep 2022 10:00

Tgt Ion: 96 Resp: 436897
 Ion Ratio Lower Upper
 96 100
 61 172.9 130.6 195.8
 98 66.7 53.4 80.0





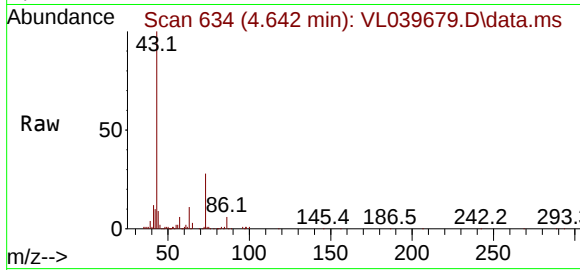
#23
 Vinyl Acetate
 Concen: 5.195 ppbv
 RT: 4.642 min Scan# 615
 Delta R.T. 0.004 min
 Lab File: VL039679.D
 Acq: 23 Sep 2022 10:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

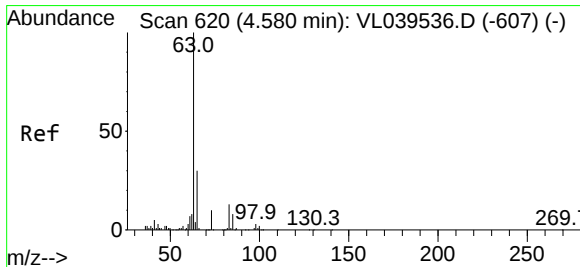
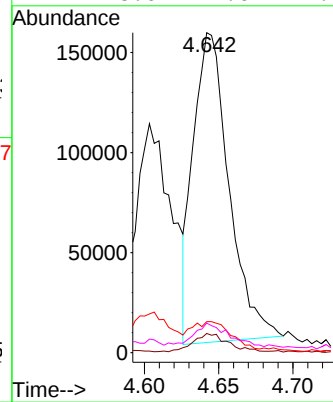
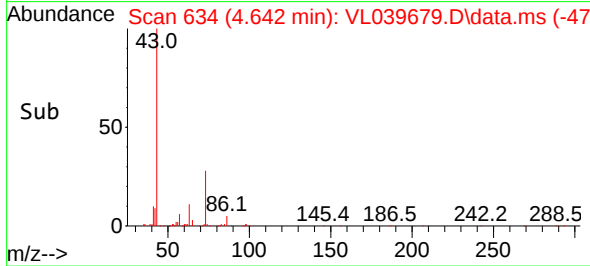


Tgt Ion: 43 Resp: 258302
 Ion Ratio Lower Upper
 43 100
 86 6.1 5.0 7.6
 42 9.3 7.7 11.5
 44 8.0 4.6 7.0#

Manual Integrations

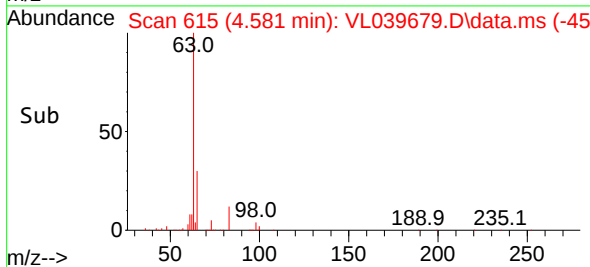
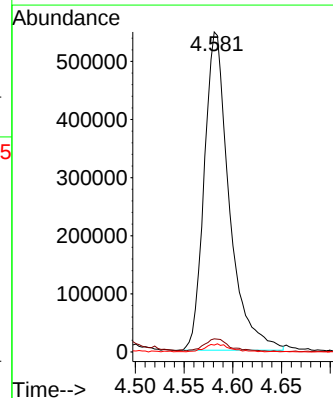
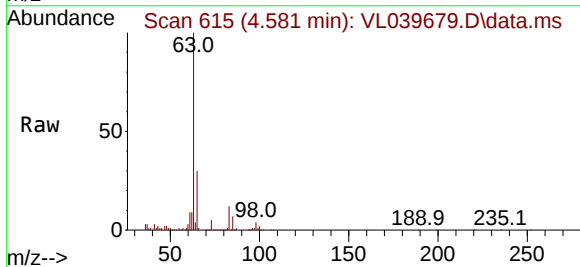
APPROVED

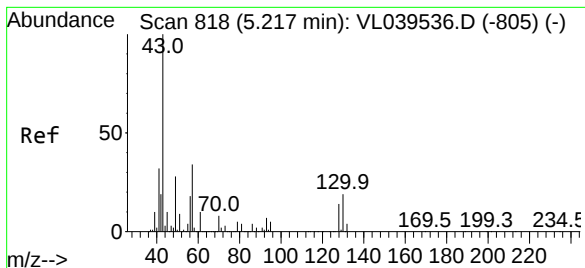
Reviewed By :Semsettin Yesilyurt 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022



#24
 1,1-Dichloroethane
 Concen: 9.854 ppbv
 RT: 4.581 min Scan# 615
 Delta R.T. 0.001 min
 Lab File: VL039679.D
 Acq: 23 Sep 2022 10:00

Tgt Ion: 63 Resp: 975620
 Ion Ratio Lower Upper
 63 100
 98 4.0 1.8 5.3
 100 2.1 1.5 4.4





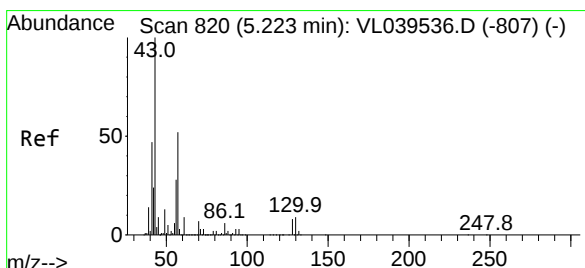
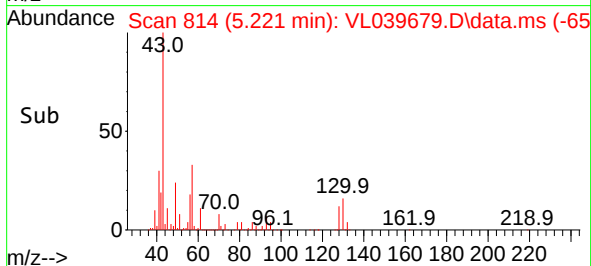
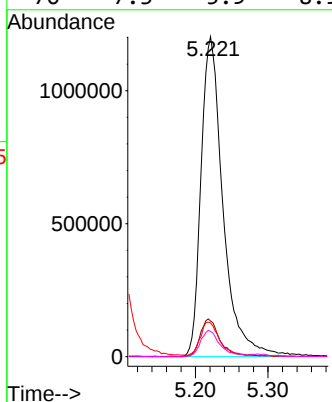
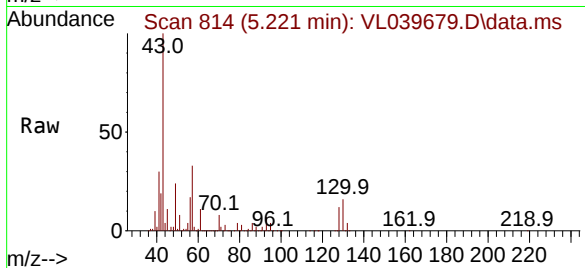
#25
Ethyl Acetate
Concen: 10.511 ppbv
RT: 5.221 min Scan# 814
Delta R.T. 0.004 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 43 Resp: 2520638
Ion Ratio Lower Upper
43 100
45 11.0 8.2 12.4
61 10.4 8.3 12.5
70 7.3 5.9 8.9

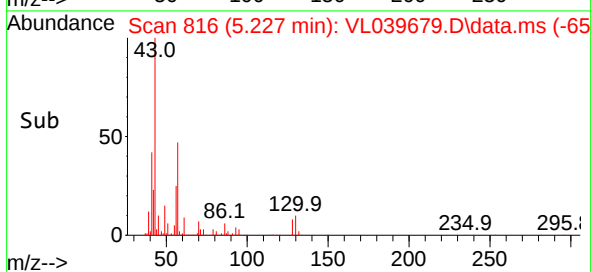
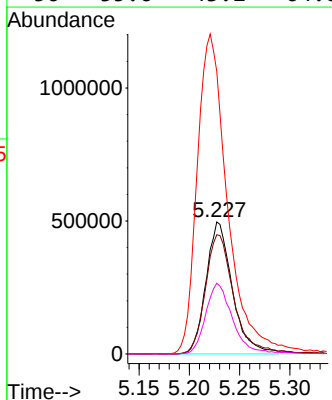
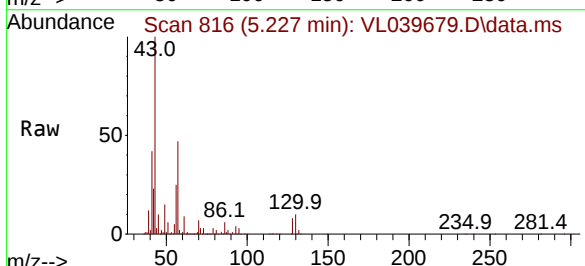
Manual Integrations
APPROVED

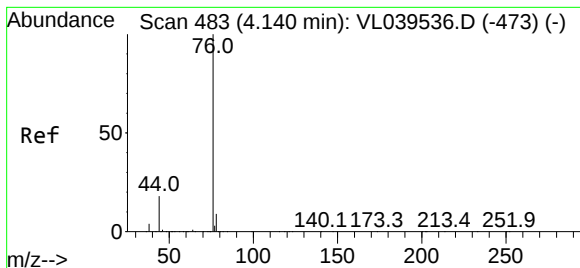
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#26
Hexane
Concen: 8.856 ppbv
RT: 5.227 min Scan# 816
Delta R.T. 0.004 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

Tgt Ion: 57 Resp: 901328
Ion Ratio Lower Upper
57 100
41 98.9 76.9 115.3
43 283.3 191.0 286.6
56 55.6 43.2 64.8





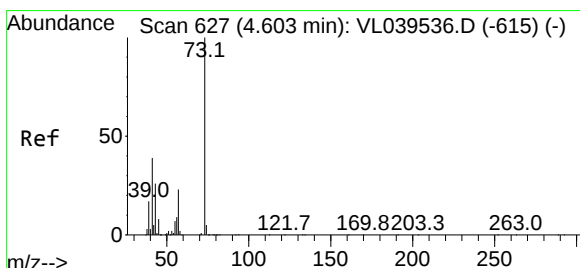
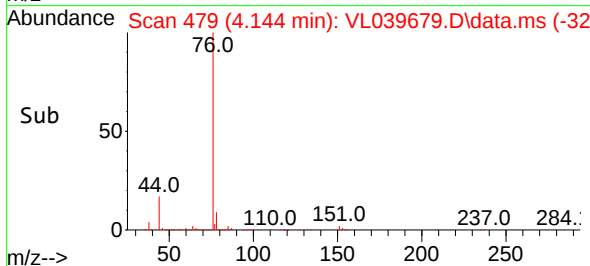
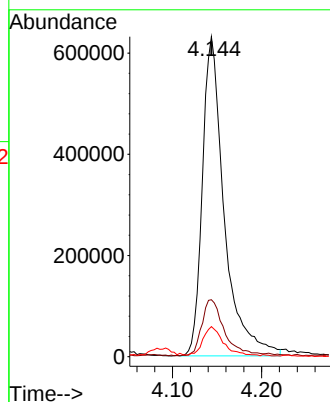
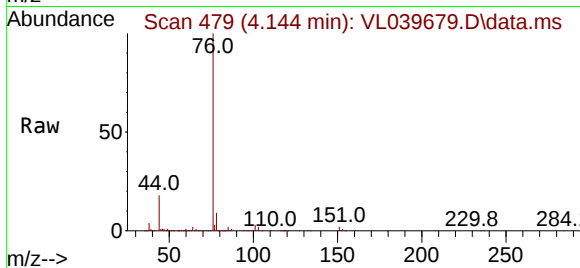
#27
Carbon Disulfide
Concen: 10.066 ppbv
RT: 4.144 min Scan# 41
Delta R.T. 0.004 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 76 Resp: 1076649
Ion Ratio Lower Upper
76 100
44 18.7 14.6 21.8
78 10.1 7.8 11.6

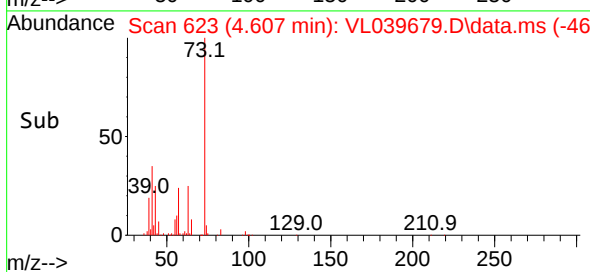
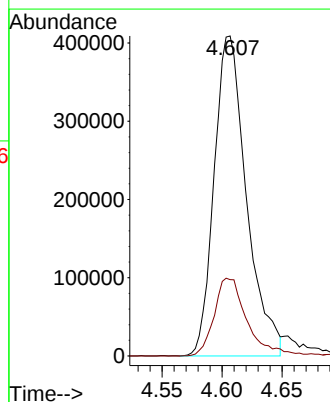
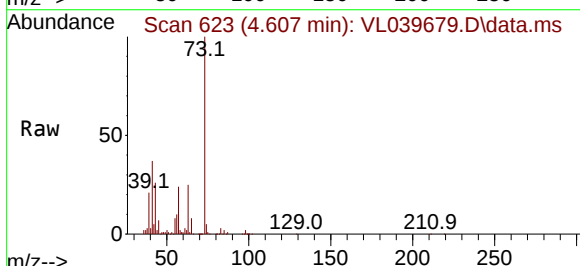
Manual Integrations
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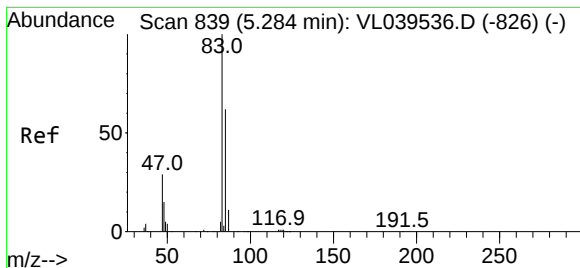
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#28
Methyl tert-Butyl Ether
Concen: 8.966 ppbv
RT: 4.607 min Scan# 623
Delta R.T. 0.004 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

Tgt Ion: 73 Resp: 766593
Ion Ratio Lower Upper
73 100
57 25.2 19.8 29.8





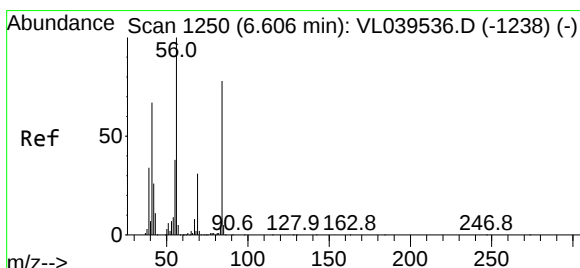
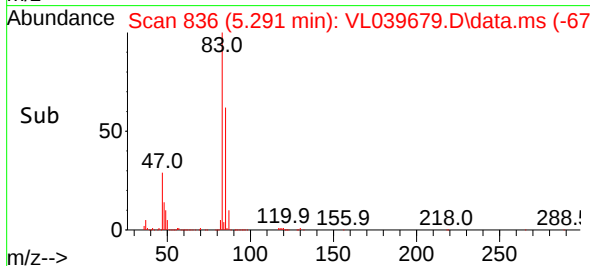
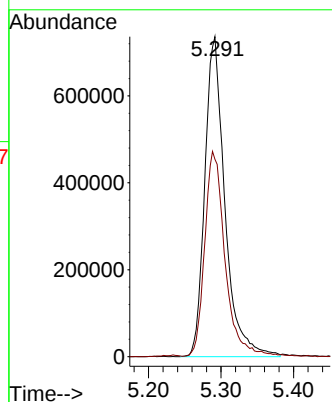
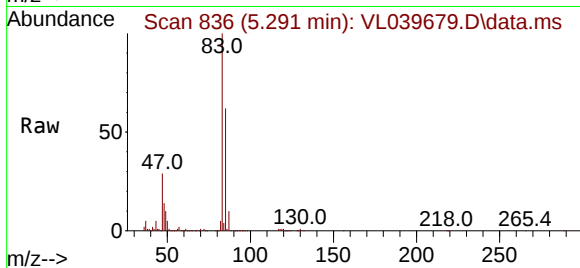
#29
Chloroform
Concen: 9.646 ppbv
RT: 5.291 min Scan# 81
Delta R.T. 0.007 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 83 Resp: 141719
Ion Ratio Lower Upper
83 100
85 61.5 52.8 79.2

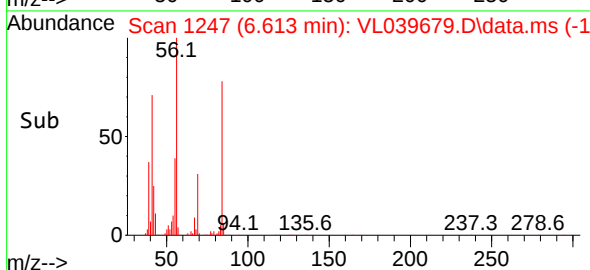
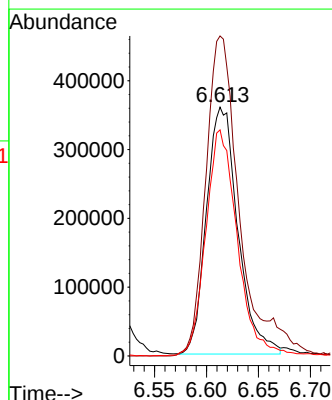
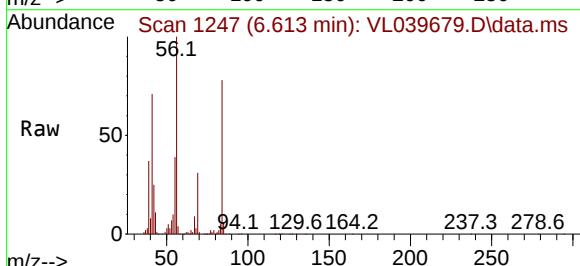
Manual Integrations
APPROVED

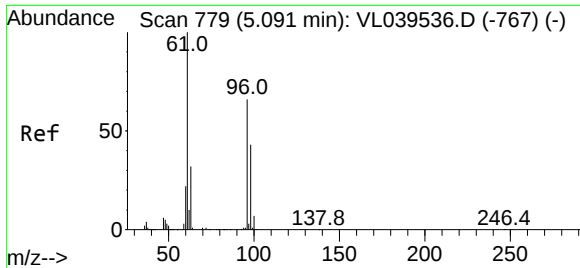
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#30
Cyclohexane
Concen: 9.609 ppbv
RT: 6.613 min Scan# 1247
Delta R.T. 0.007 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

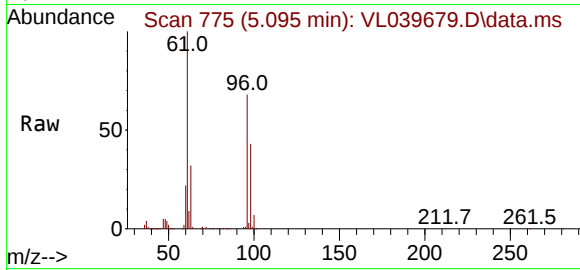
Tgt Ion: 84 Resp: 757264
Ion Ratio Lower Upper
84 100
56 141.0 107.7 161.5
41 92.7 67.7 101.5





#31
 cis-1,2-Dichloroethene
 Concen: 9.165 ppbv
 RT: 5.095 min Scan# 71
 Delta R.T. 0.004 min
 Lab File: VL039679.D
 Acq: 23 Sep 2022 10:00

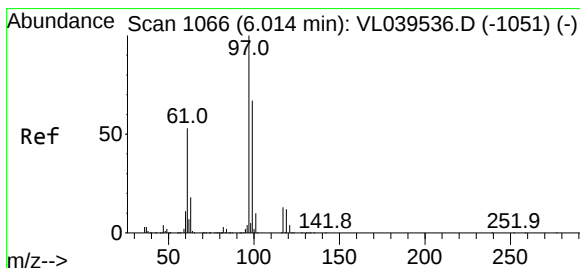
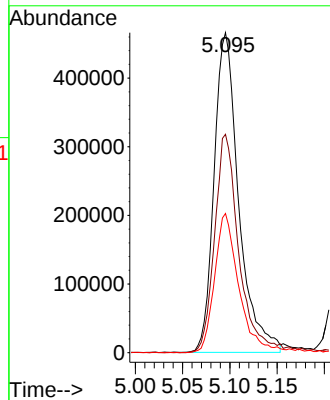
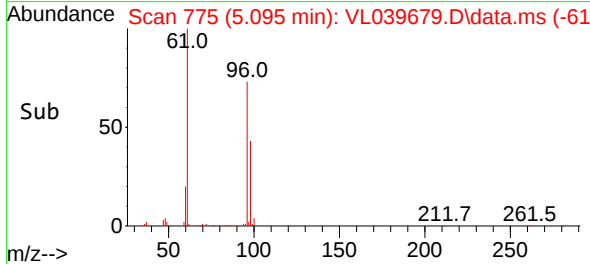
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



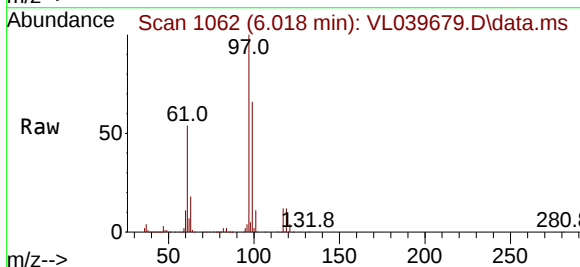
Tgt Ion: 61 Resp: 843634
 Ion Ratio Lower Upper
 61 100
 96 68.3 54.1 81.1
 98 43.5 34.6 52.0

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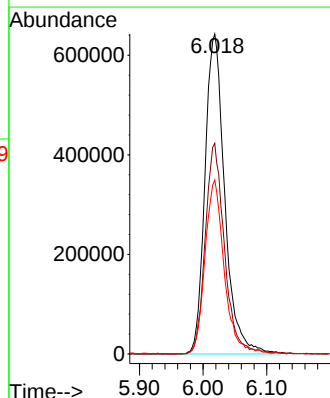
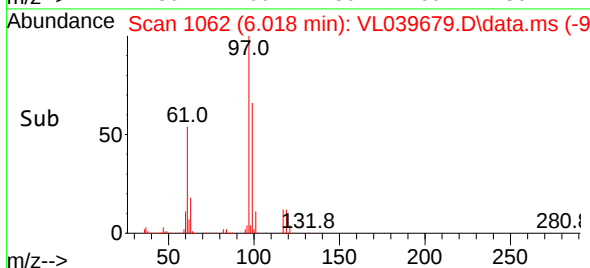
Reviewed By :Semsettin Yesilyurt 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022

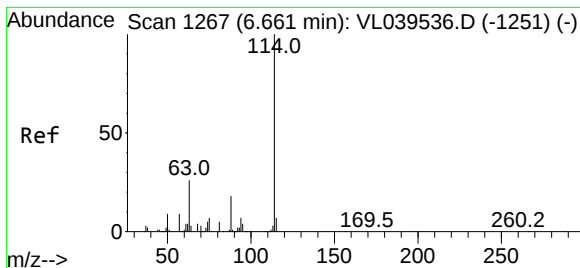


#32
 1,1,1-Trichloroethane
 Concen: 10.420 ppbv
 RT: 6.018 min Scan# 1062
 Delta R.T. 0.004 min
 Lab File: VL039679.D
 Acq: 23 Sep 2022 10:00



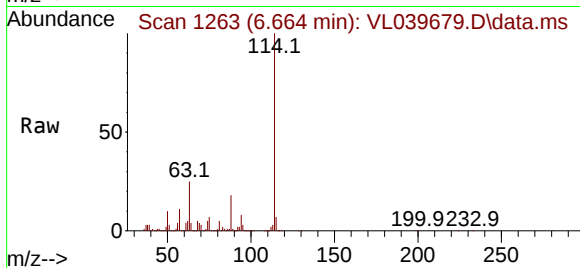
Tgt Ion: 97 Resp: 1385973
 Ion Ratio Lower Upper
 97 100
 99 64.3 52.3 78.5
 61 53.1 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 6.664 min Scan# 114
Delta R.T. 0.004 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

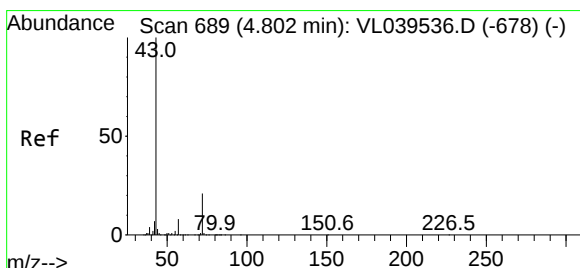
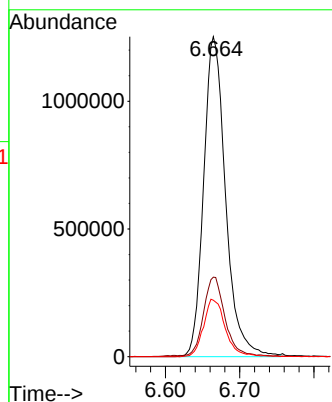
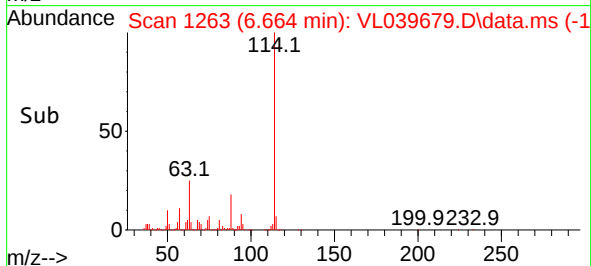
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:114 Resp: 257071
Ion Ratio Lower Upper
114 100
63 24.8 20.2 30.4
88 17.9 14.5 21.7

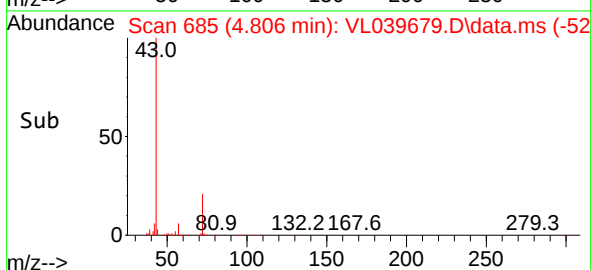
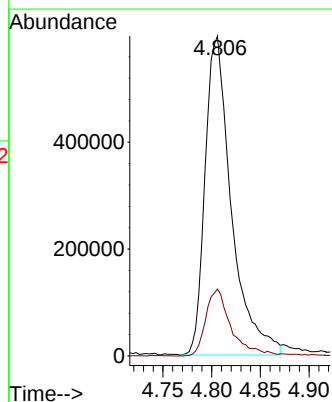
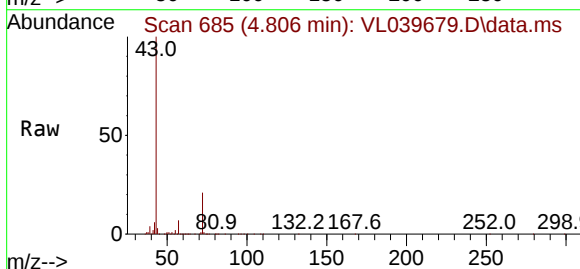
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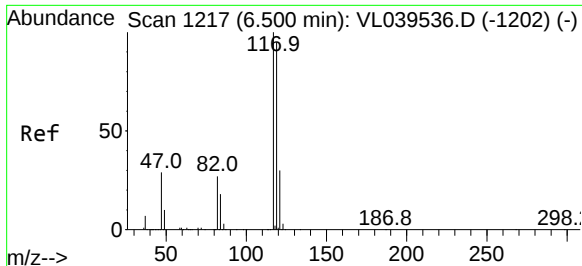
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#34
2-Butanone
Concen: 8.892 ppbv
RT: 4.806 min Scan# 685
Delta R.T. 0.004 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

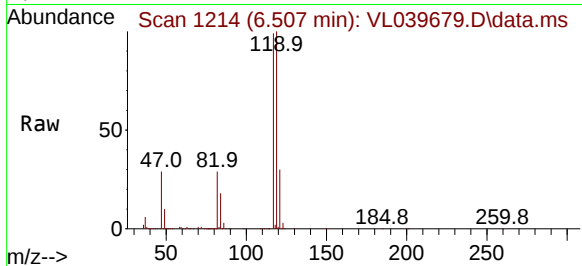
Tgt Ion: 43 Resp: 1122797
Ion Ratio Lower Upper
43 100
72 21.0 17.9 26.9





#35
Carbon Tetrachloride
Concen: 10.606 ppbv
RT: 6.507 min Scan# 1176
Delta R.T. 0.007 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

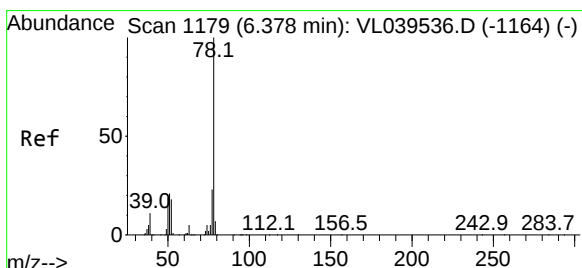
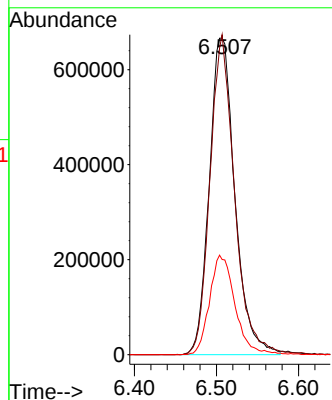
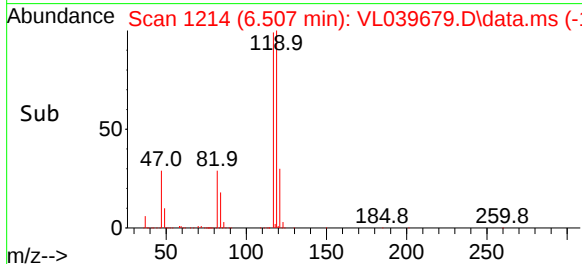
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 117 Resp: 144740
Ion Ratio Lower Upper
117 100
119 101.1 75.4 113.2
121 30.1 24.2 36.2

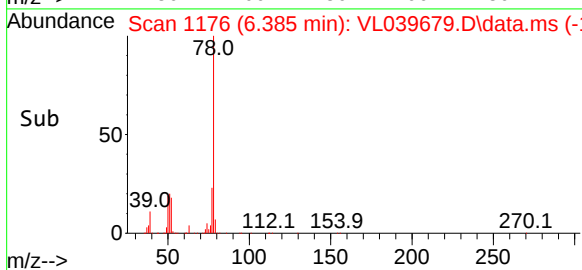
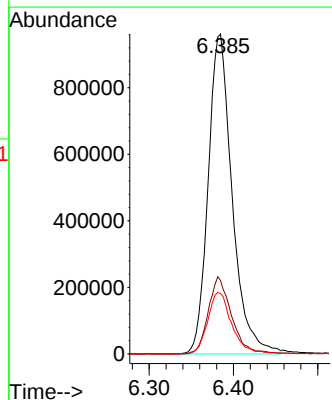
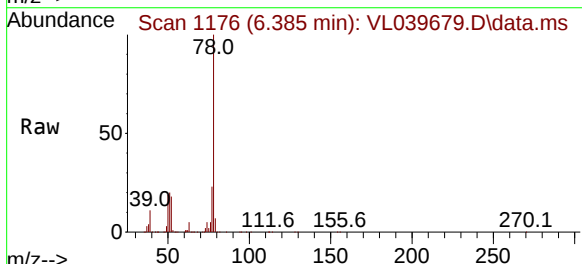
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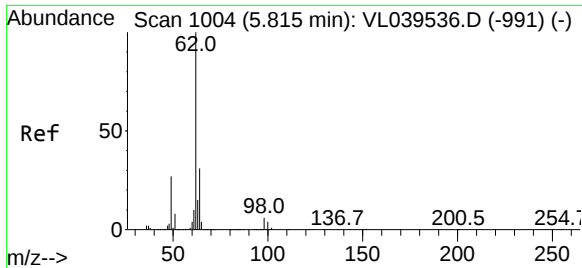
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#36
Benzene
Concen: 9.677 ppbv
RT: 6.385 min Scan# 1176
Delta R.T. 0.007 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

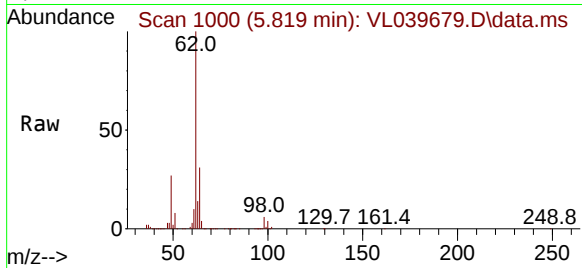
Tgt Ion: 78 Resp: 1901856
Ion Ratio Lower Upper
78 100
77 22.9 20.3 30.5
50 18.8 15.5 23.3





#37
1,2-Dichloroethane
Concen: 9.360 ppbv
RT: 5.819 min Scan# 1004
Delta R.T. 0.004 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

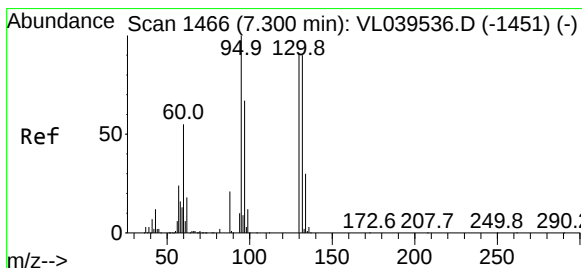
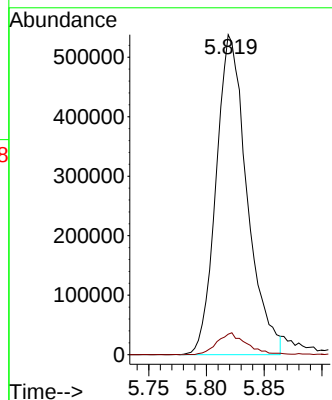
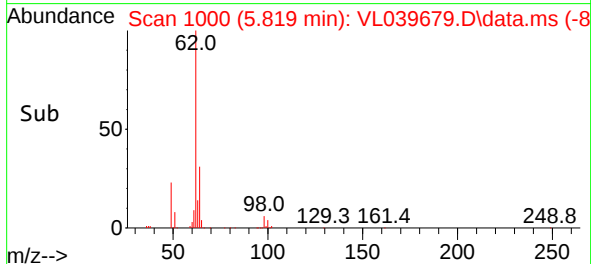
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 62 Resp: 1001270
Ion Ratio Lower Upper
62 100
98 6.8 5.1 7.7

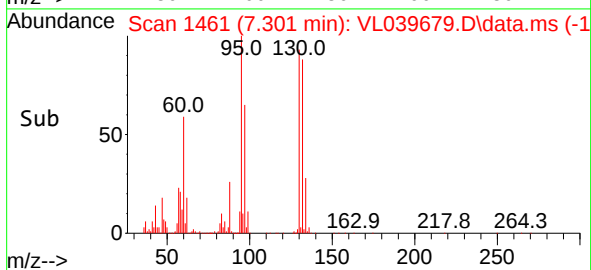
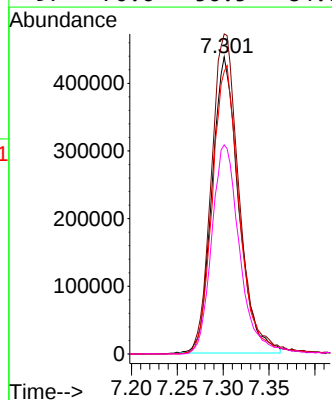
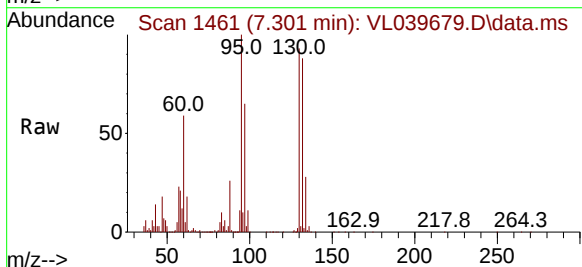
Manual Integrations
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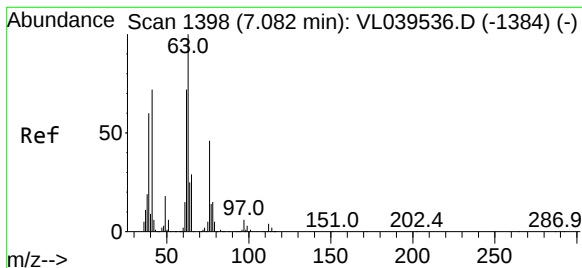
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#38
Trichloroethene
Concen: 8.306 ppbv
RT: 7.301 min Scan# 1461
Delta R.T. 0.001 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

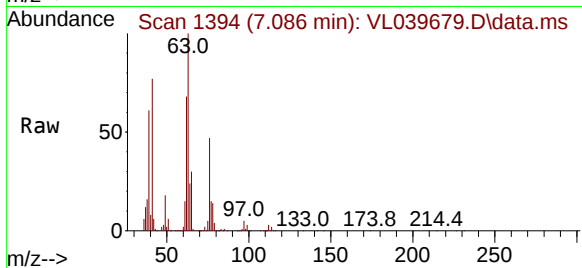
Tgt Ion:130 Resp: 882247
Ion Ratio Lower Upper
130 100
95 108.1 87.3 130.9
132 95.2 76.7 115.1
97 70.6 56.5 84.7





#39
1,2-Dichloropropane
Concen: 9.527 ppbv
RT: 7.086 min Scan# 11
Delta R.T. 0.004 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

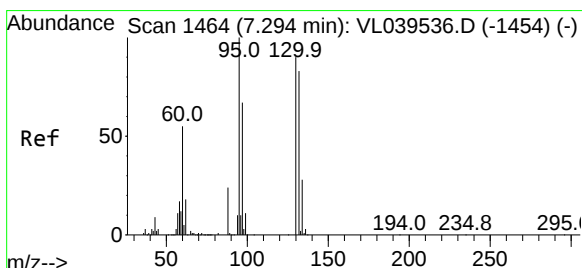
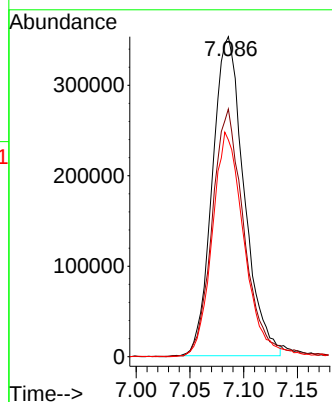
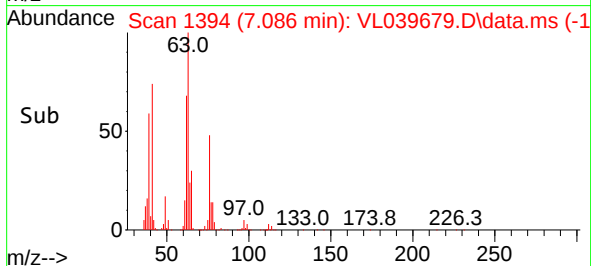
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 63 Resp: 723045
Ion Ratio Lower Upper
63 100
41 77.4 59.6 89.4
62 67.8 51.4 77.0

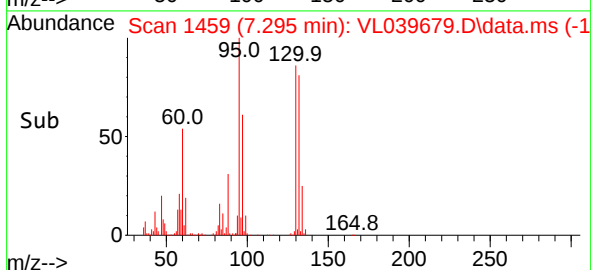
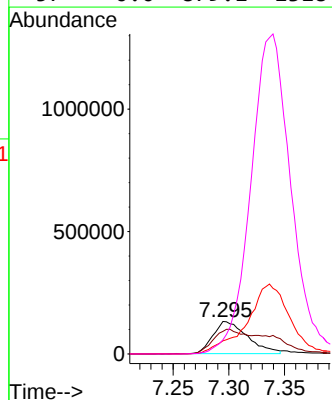
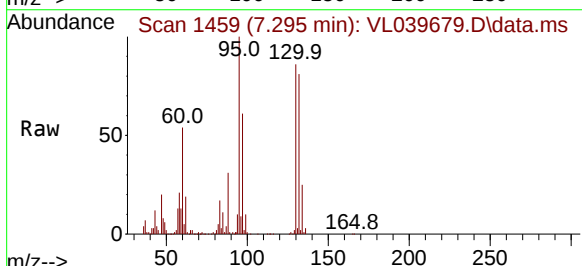
Manual Integrations
APPROVED

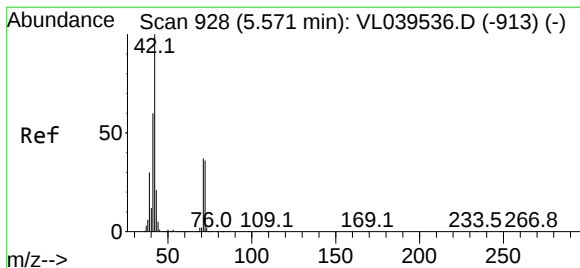
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#40
1,4-Dioxane
Concen: 9.182 ppbv
RT: 7.295 min Scan# 1459
Delta R.T. 0.001 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

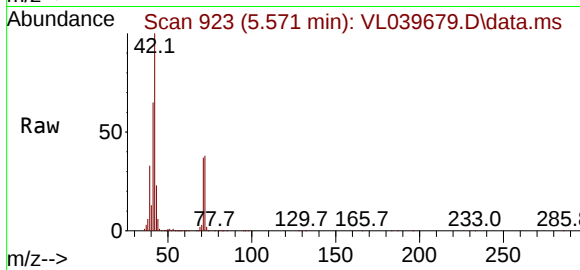
Tgt Ion: 88 Resp: 284555
Ion Ratio Lower Upper
88 100
58 131.4 100.2 150.4
43 0.0 205.8 308.6#
57 0.0 879.1 1318.7#





#41
Tetrahydrofuran
Concen: 9.733 ppbv
RT: 5.571 min Scan# 91
Delta R.T. 0.001 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

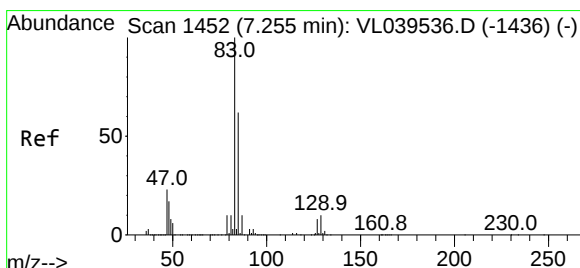
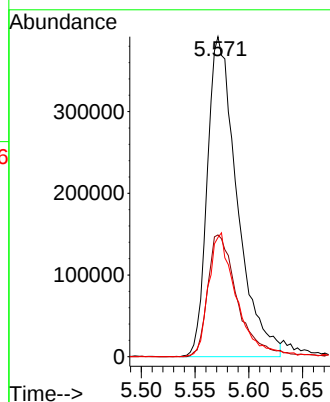
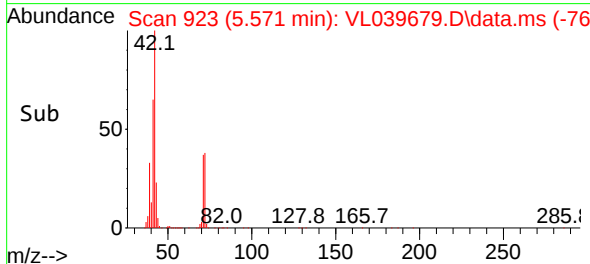
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



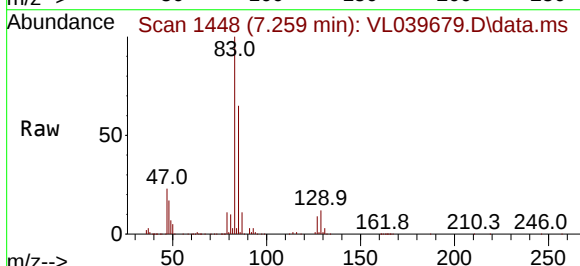
Tgt Ion: 42 Resp: 753989
Ion Ratio Lower Upper
42 100
72 38.9 31.8 47.8
71 37.2 31.8 47.8

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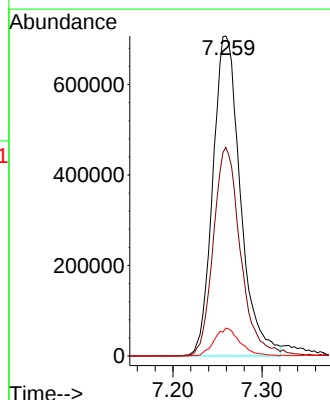
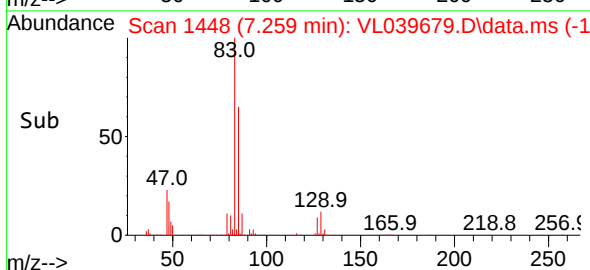
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

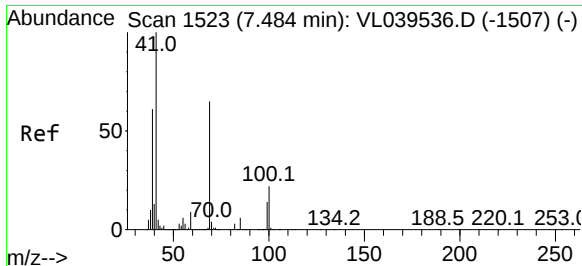


#42
Bromodichloromethane
Concen: 10.214 ppbv
RT: 7.259 min Scan# 1448
Delta R.T. 0.004 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00



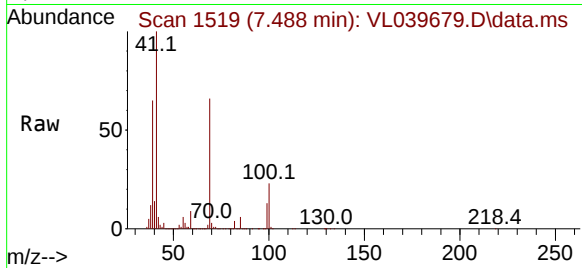
Tgt Ion: 83 Resp: 1519641
Ion Ratio Lower Upper
83 100
85 65.2 50.7 76.1
127 8.7 6.6 9.8





#43
Methyl Methacrylate
Concen: 10.952 ppbv
RT: 7.488 min Scan# 1519
Delta R.T. 0.004 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

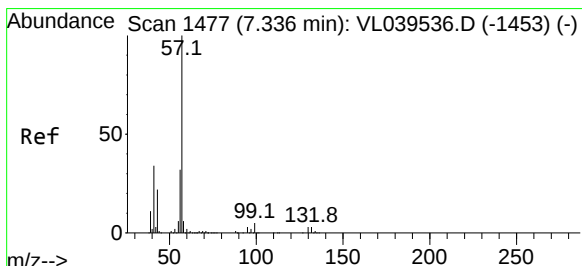
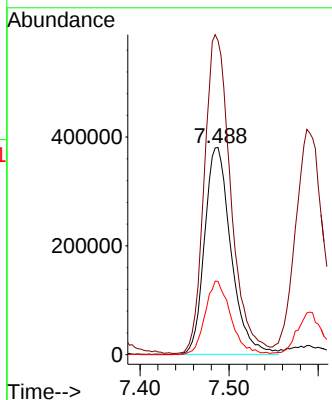
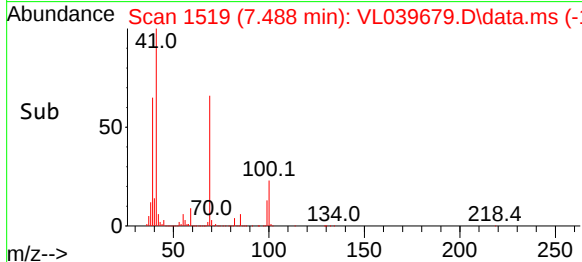
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 69 Resp: 78466
Ion Ratio Lower Upper
69 100
41 154.8 120.8 181.2
100 34.6 27.8 41.6

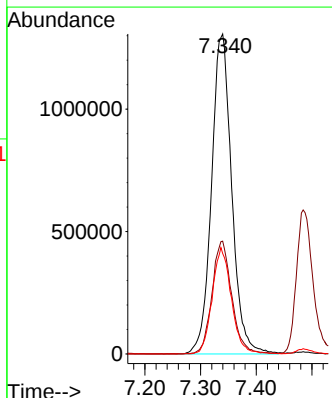
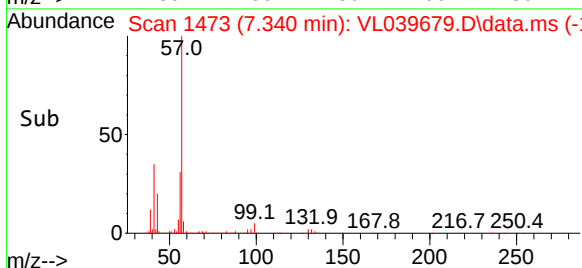
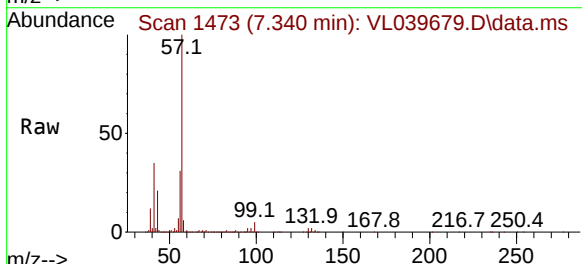
Manual Integrations
APPROVED

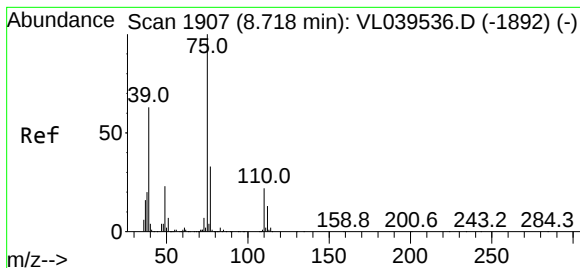
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#44
2,2,4-Trimethylpentane
Concen: 9.733 ppbv
RT: 7.340 min Scan# 1473
Delta R.T. 0.004 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

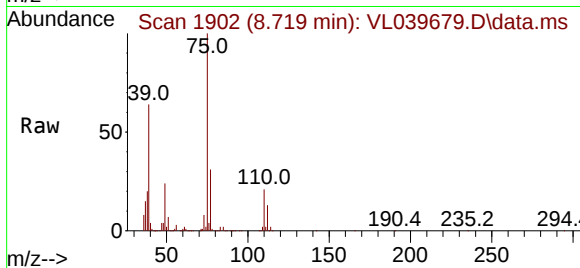
Tgt Ion: 57 Resp: 3297064
Ion Ratio Lower Upper
57 100
41 34.5 27.4 41.2
56 31.5 24.5 36.7





#45
t-1,3-Dichloropropene
Concen: 8.727 ppbv
RT: 8.719 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

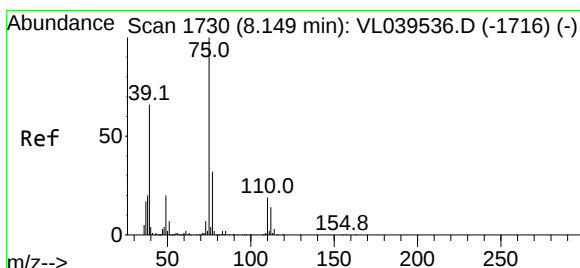
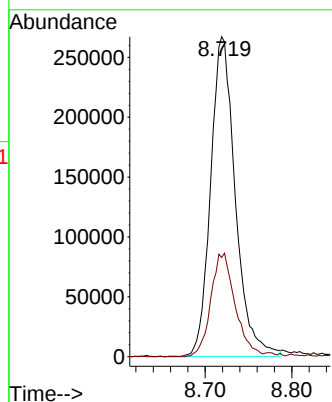
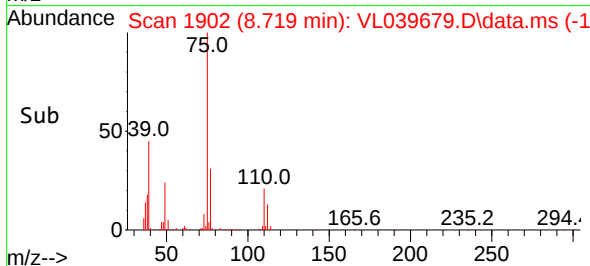
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 75 Resp: 528320
Ion Ratio Lower Upper
75 100
77 31.0 24.6 36.8

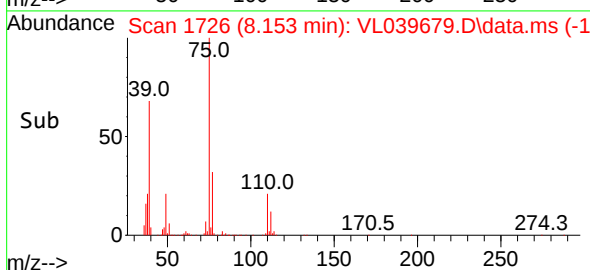
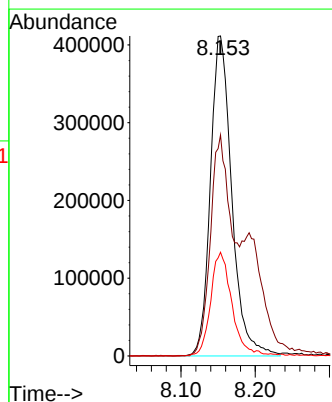
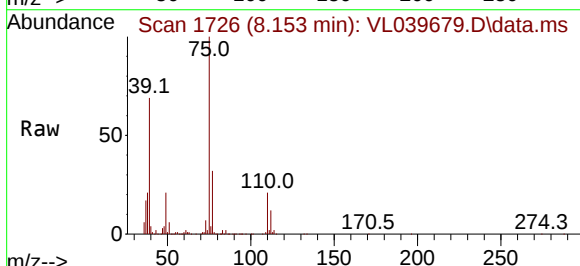
Manual Integrations
APPROVED

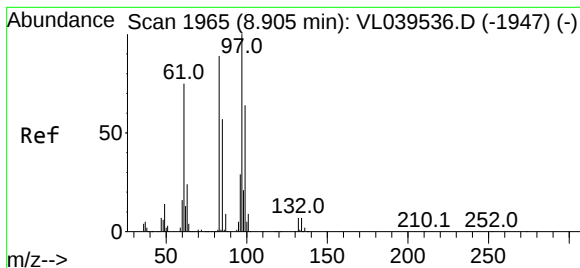
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#46
cis-1,3-Dichloropropene
Concen: 9.537 ppbv
RT: 8.153 min Scan# 1726
Delta R.T. 0.004 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

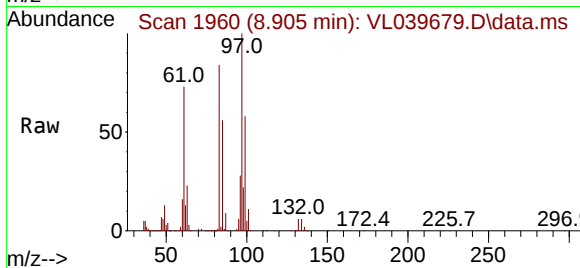
Tgt Ion: 75 Resp: 821950
Ion Ratio Lower Upper
75 100
39 68.9 55.0 82.4
77 32.4 25.7 38.5





#47
1,1,2-Trichloroethane
Concen: 9.713 ppbv
RT: 8.905 min Scan# 1965
Delta R.T. 0.001 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

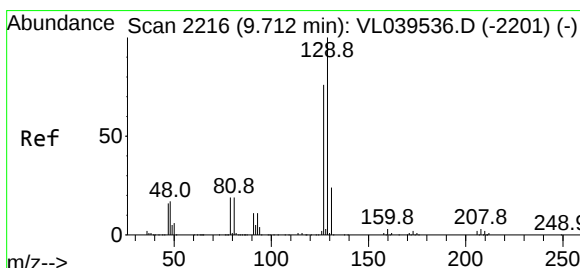
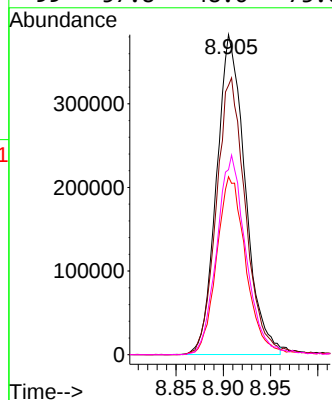
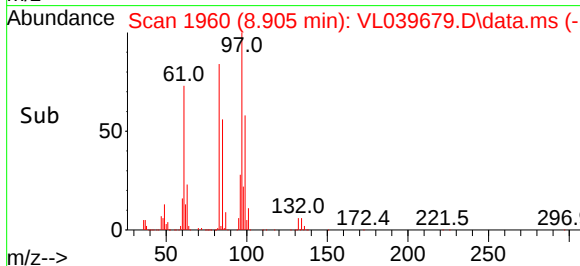
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 97 Resp: 805768
Ion Ratio Lower Upper
97 100
83 84.2 67.4 101.0
85 55.5 45.1 67.7
99 57.8 48.6 73.0

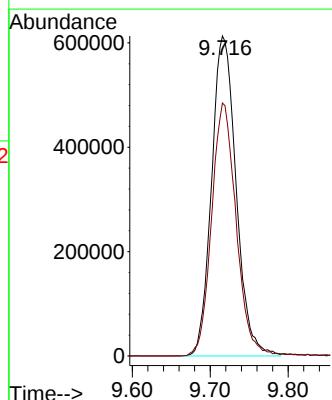
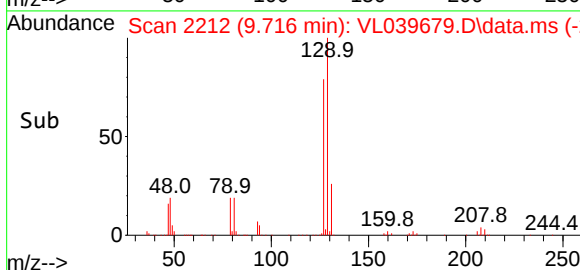
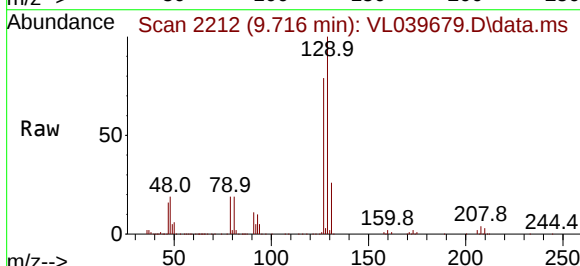
Manual Integrations
APPROVED

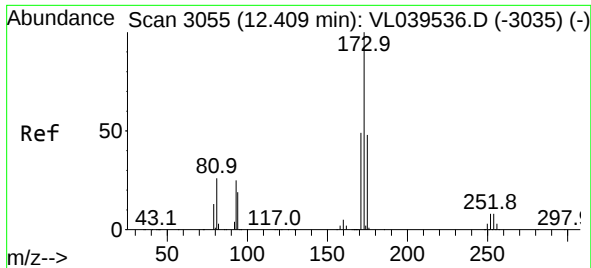
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#48
Dibromochloromethane
Concen: 10.758 ppbv
RT: 9.716 min Scan# 2212
Delta R.T. 0.004 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

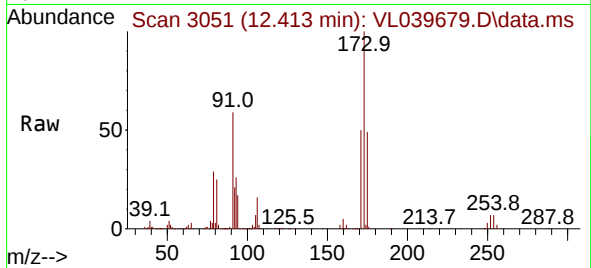
Tgt Ion:129 Resp: 1343920
Ion Ratio Lower Upper
129 100
127 79.6 39.3 117.9





#49
Bromoform
Concen: 11.157 ppbv
RT: 12.413 min Scan# 3055
Delta R.T. 0.004 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

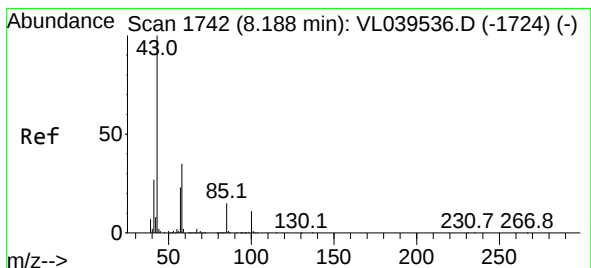
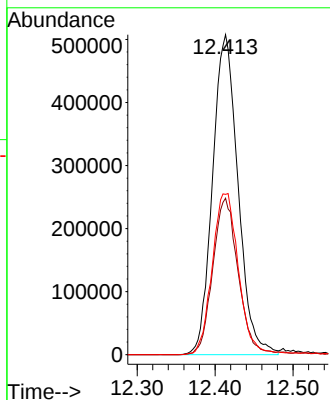
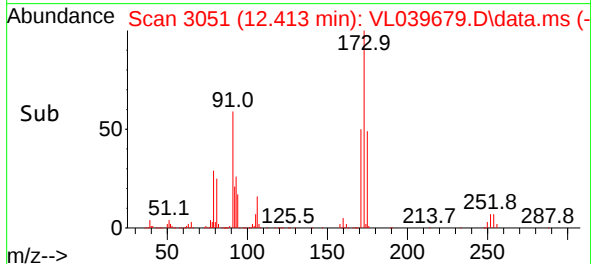
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:173 Resp: 115265
Ion Ratio Lower Upper
173 100
175 49.6 40.3 60.5
171 52.8 42.9 64.3

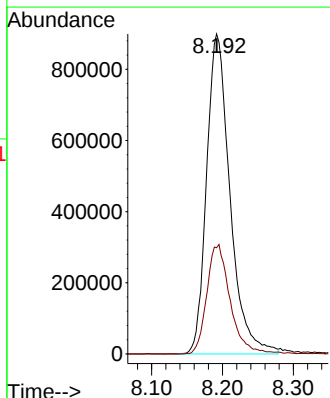
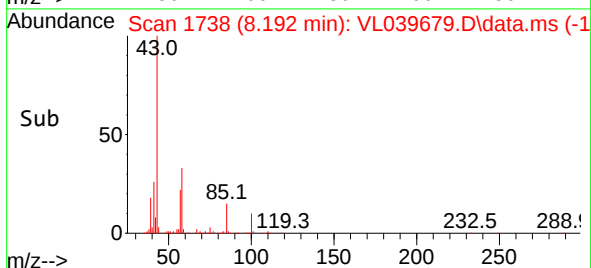
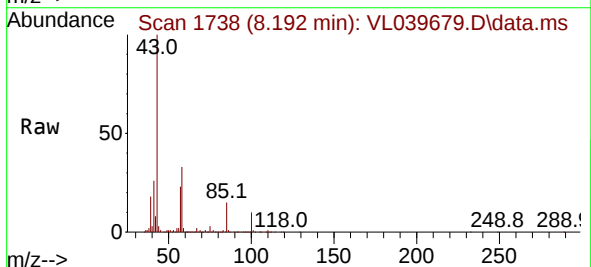
Manual Integrations
APPROVED

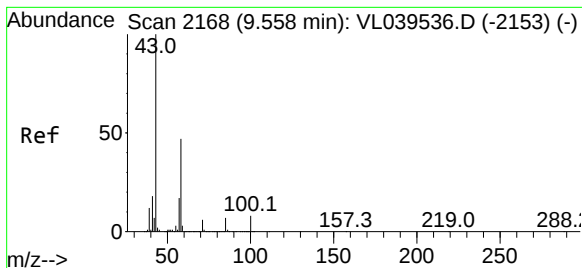
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#50
4-Methyl-2-Pentanone
Concen: 10.390 ppbv
RT: 8.192 min Scan# 1738
Delta R.T. 0.004 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

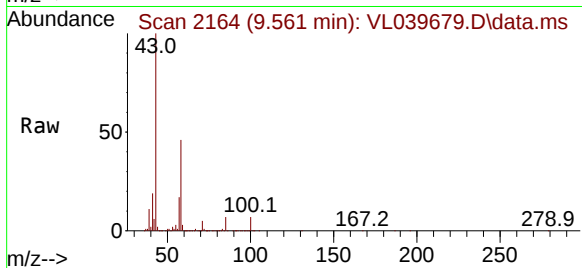
Tgt Ion: 43 Resp: 2061570
Ion Ratio Lower Upper
43 100
58 34.4 28.8 43.2





#51
2-Hexanone
Concen: 10.503 ppbv
RT: 9.561 min Scan# 2168
Delta R.T. 0.004 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

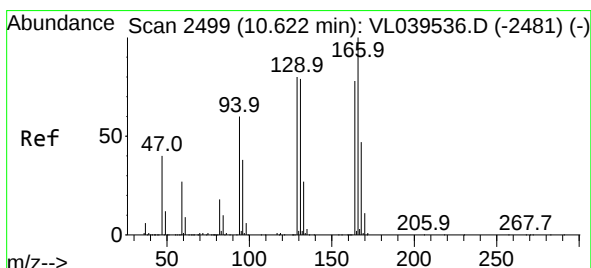
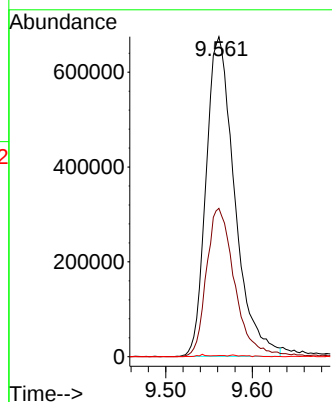
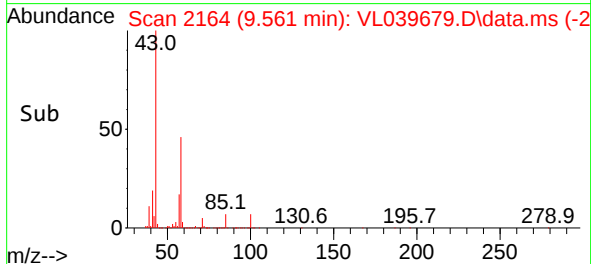
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 154263
Ion Ratio Lower Upper
43 100
58 46.1 38.4 57.6
98 0.4 0.3 0.5

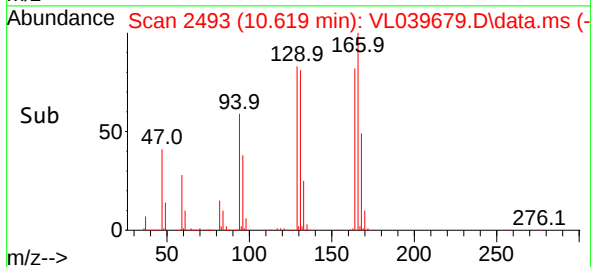
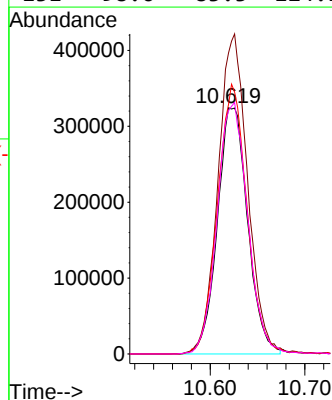
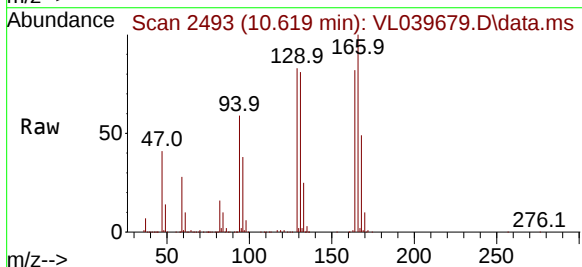
Manual Integrations
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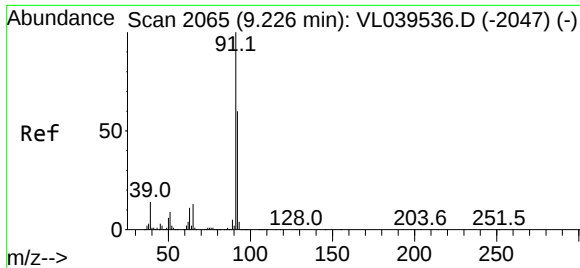
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#52
Tetrachloroethene
Concen: 9.588 ppbv
RT: 10.619 min Scan# 2493
Delta R.T. -0.003 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

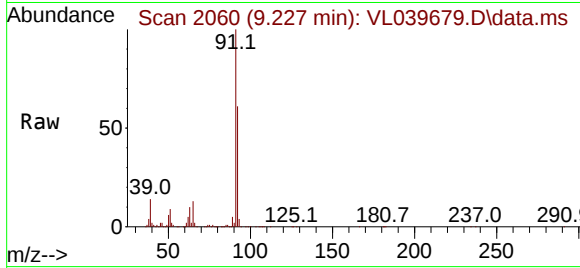
Tgt Ion:164 Resp: 718943
Ion Ratio Lower Upper
164 100
166 122.2 102.2 153.2
129 101.2 85.8 128.8
131 98.6 83.3 124.9





#53
Toluene
Concen: 10.278 ppbv
RT: 9.227 min Scan# 2065
Delta R.T. 0.001 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

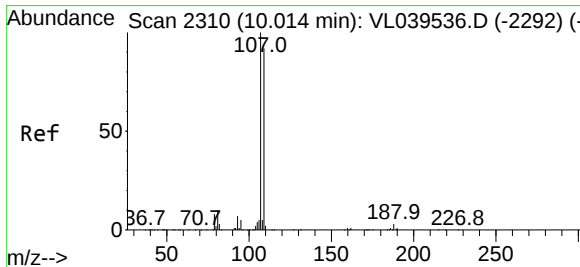
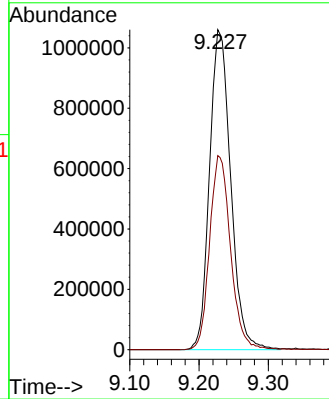
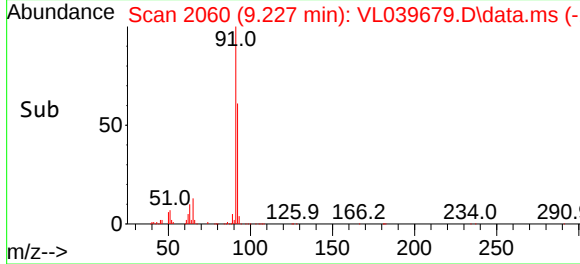
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



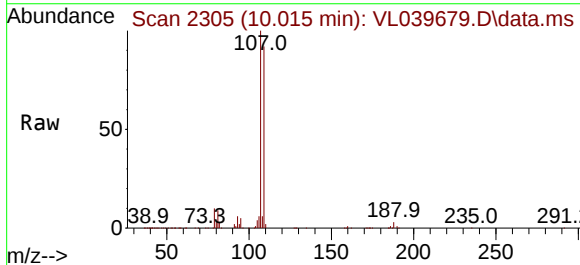
Tgt Ion: 91 Resp: 2246590
Ion Ratio Lower Upper
91 100
92 60.2 48.2 72.2

Manual Integrations
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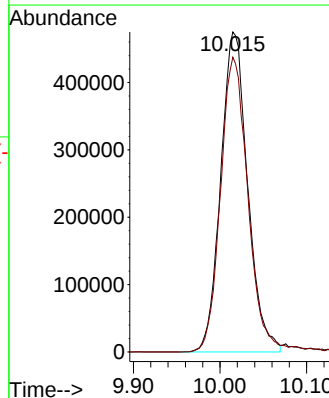
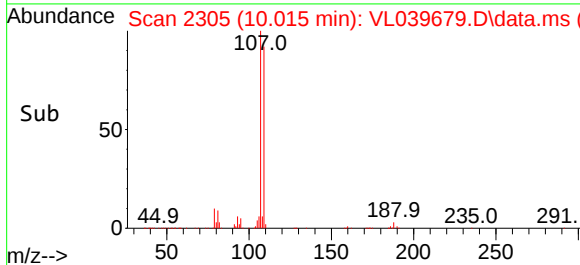
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

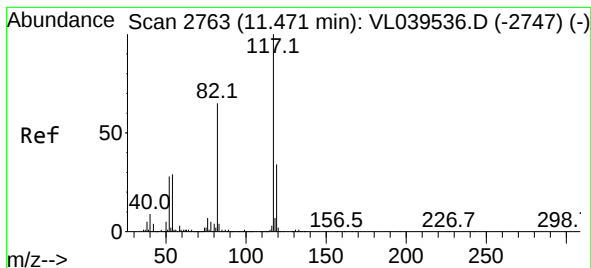


#54
1,2-Dibromoethane
Concen: 11.552 ppbv
RT: 10.015 min Scan# 2305
Delta R.T. 0.001 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00



Tgt Ion:107 Resp: 1025160
Ion Ratio Lower Upper
107 100
109 92.1 74.8 112.2





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 11.475 min Scan# 2763

Delta R.T. 0.004 min

Lab File: VL039679.D

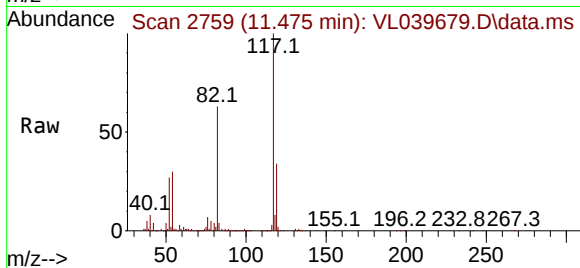
Acq: 23 Sep 2022 10:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:117 Resp: 244166

Ion Ratio Lower Upper

117 100

82 64.8 50.8 76.2

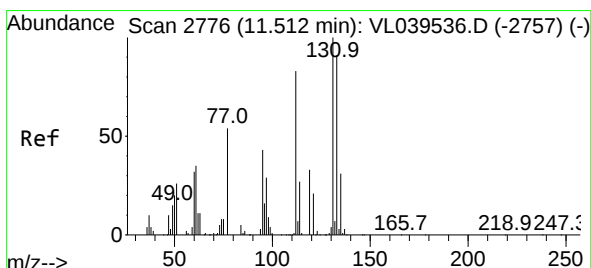
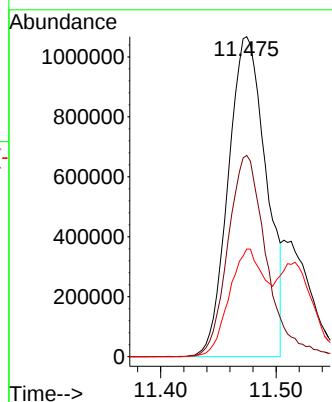
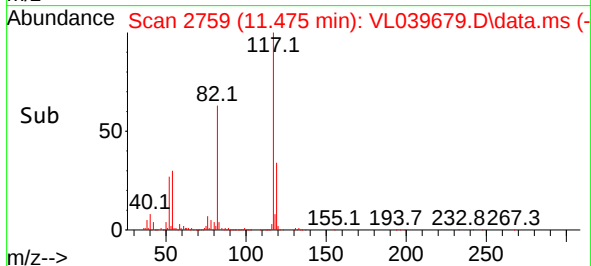
119 32.7 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/27/2022

Supervised By :Mahesh Dadoda 09/28/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 10.751 ppbv

RT: 11.516 min Scan# 2772

Delta R.T. 0.004 min

Lab File: VL039679.D

Acq: 23 Sep 2022 10:00

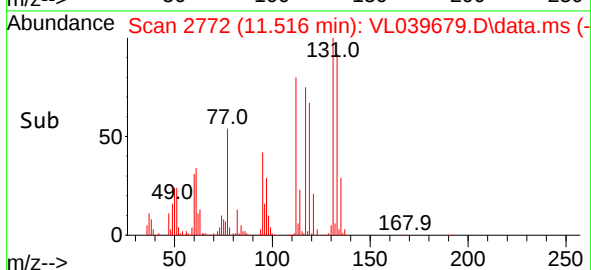
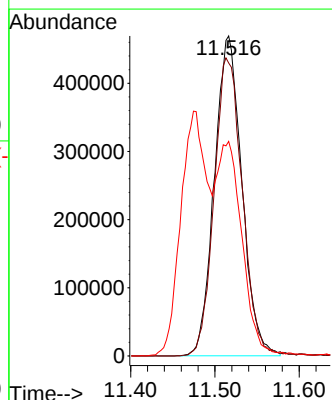
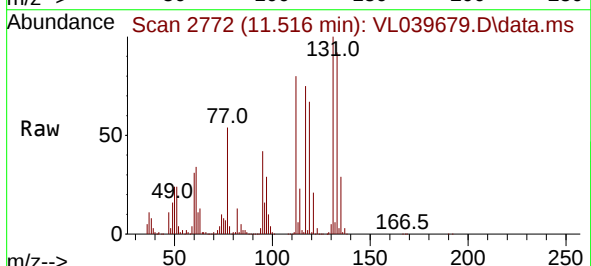
Tgt Ion:131 Resp: 1060853

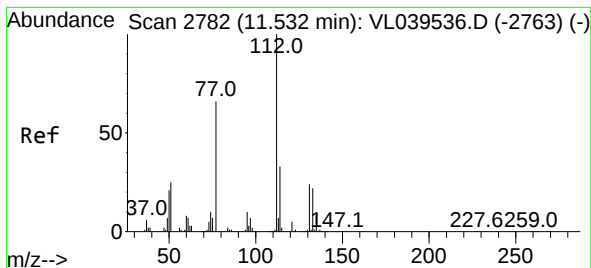
Ion Ratio Lower Upper

131 100

133 96.4 76.8 115.2

119 62.4 46.2 69.4





#57

Chlorobenzene

Concen: 9.697 ppbv

RT: 11.532 min Scan# 21

Delta R.T. 0.001 min

Lab File: VL039679.D

Acq: 23 Sep 2022 10:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:112 Resp: 174115

Ion Ratio Lower Upper

112 100

77 63.0 51.0 76.4

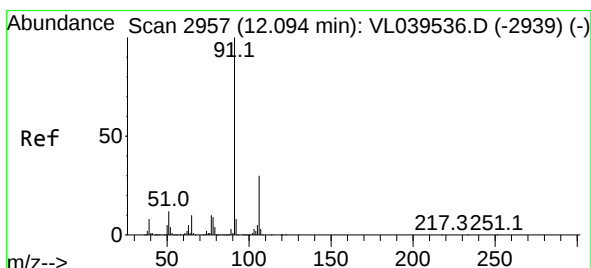
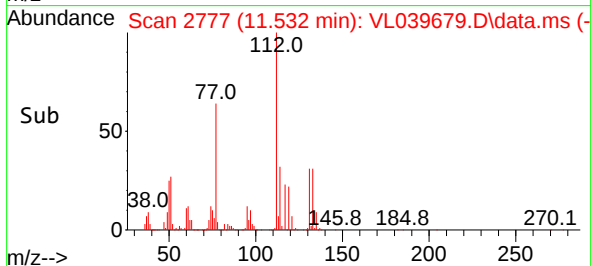
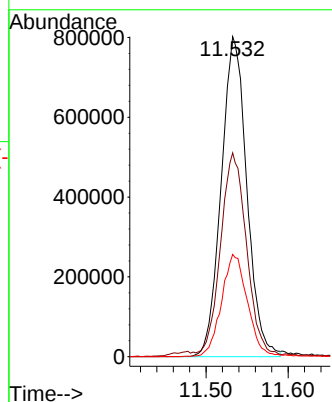
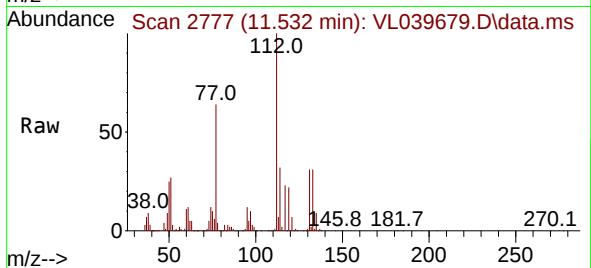
114 31.9 27.5 33.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/27/2022

Supervised By :Mahesh Dadoda 09/28/2022



#58

Ethyl Benzene

Concen: 10.767 ppbv

RT: 12.095 min Scan# 2952

Delta R.T. 0.001 min

Lab File: VL039679.D

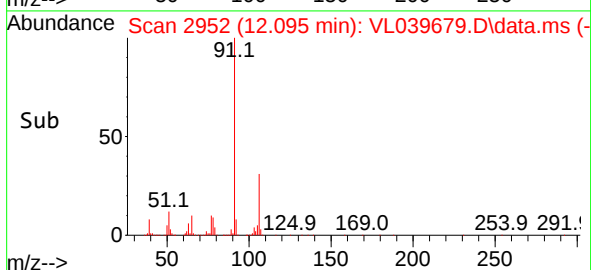
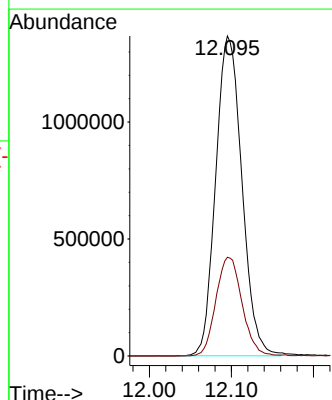
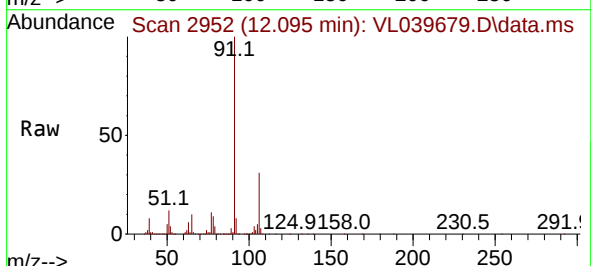
Acq: 23 Sep 2022 10:00

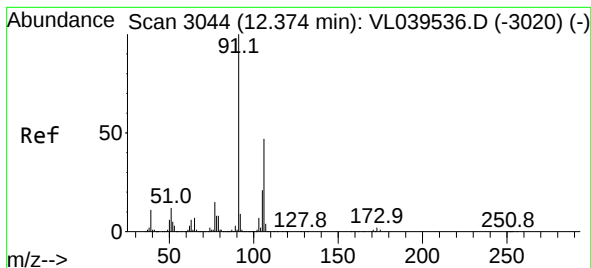
Tgt Ion: 91 Resp: 3031149

Ion Ratio Lower Upper

91 100

106 30.9 25.4 38.0





#59

m/p-Xylene

Concen: 20.717 ppbv m

RT: 12.381 min Scan# 3044

Delta R.T. 0.007 min

Lab File: VL039679.D

Acq: 23 Sep 2022 10:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion: 91 Resp: 519044

Ion Ratio Lower Upper

91 100

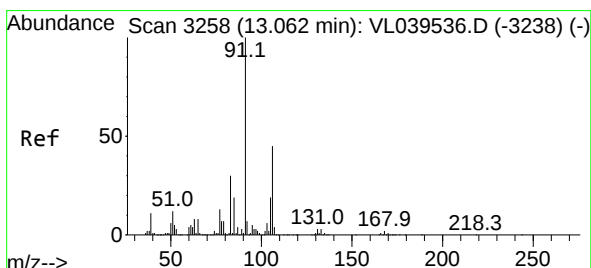
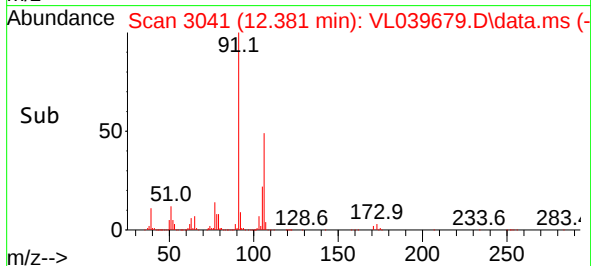
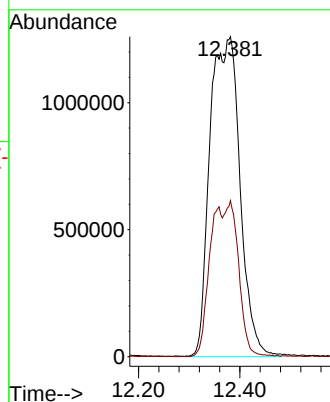
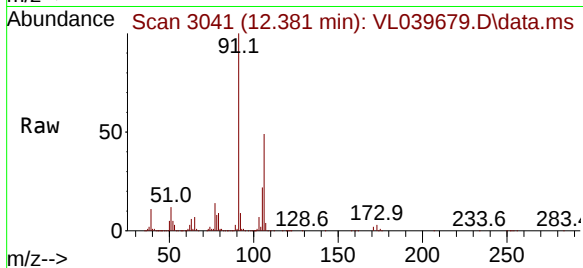
106 45.3 35.4 53.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/27/2022

Supervised By :Mahesh Dadoda 09/28/2022



#60

o-Xylene

Concen: 10.530 ppbv

RT: 13.066 min Scan# 3254

Delta R.T. 0.004 min

Lab File: VL039679.D

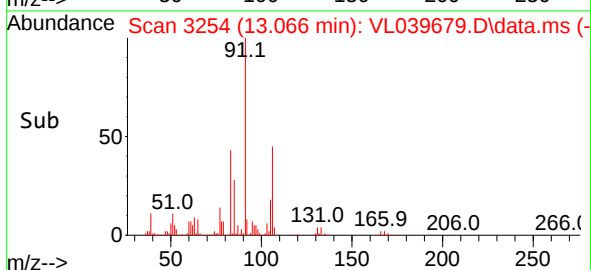
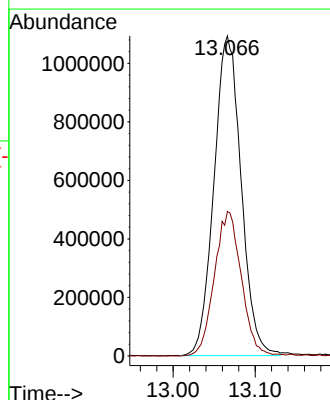
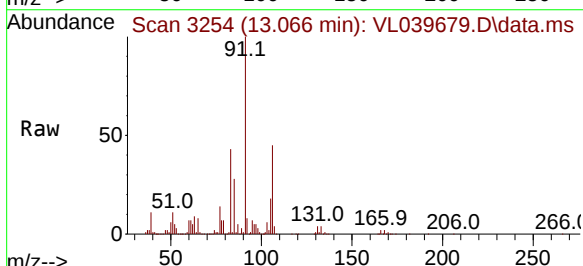
Acq: 23 Sep 2022 10:00

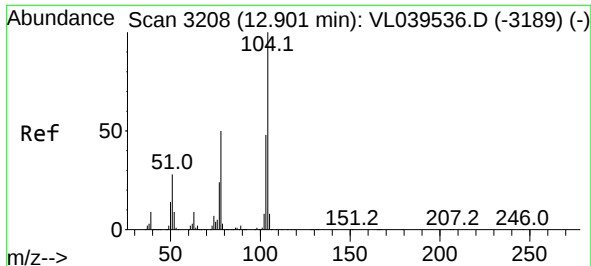
Tgt Ion: 91 Resp: 2519331

Ion Ratio Lower Upper

91 100

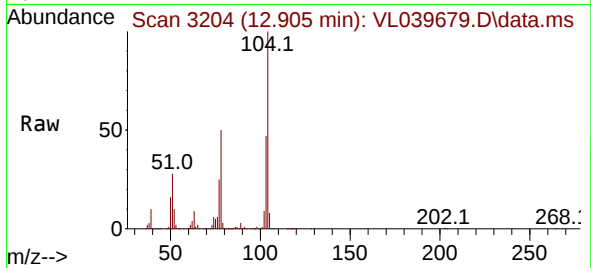
106 45.2 22.4 67.3





#61
Styrene
Concen: 11.050 ppbv
RT: 12.905 min Scan# 3189
Delta R.T. 0.004 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

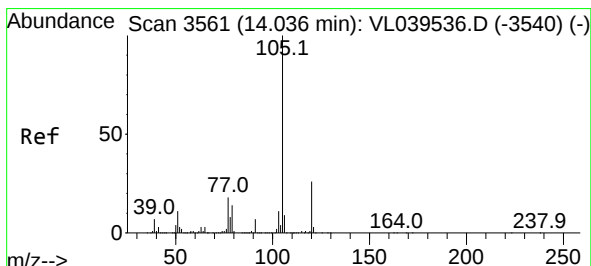
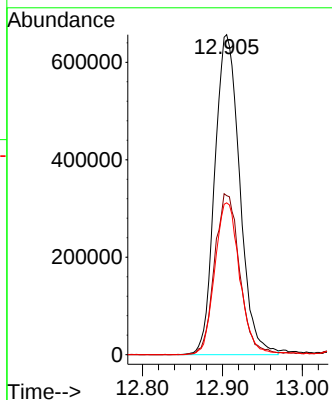
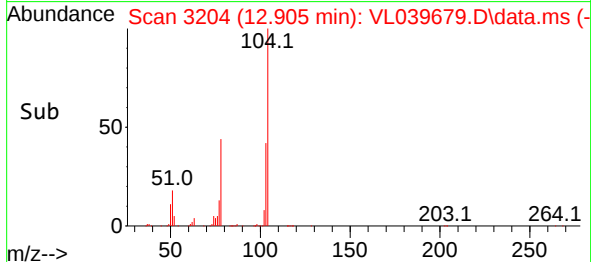
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



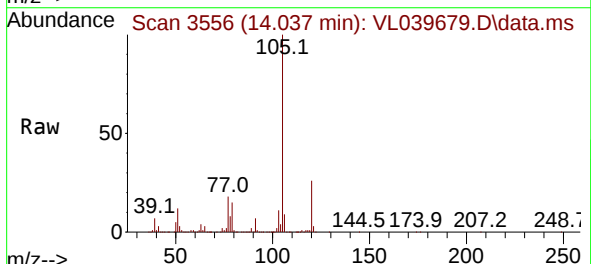
Tgt Ion:104 Resp: 1423839
Ion Ratio Lower Upper
104 100
78 50.5 41.2 61.8
103 48.0 38.7 58.1

Manual Integrations
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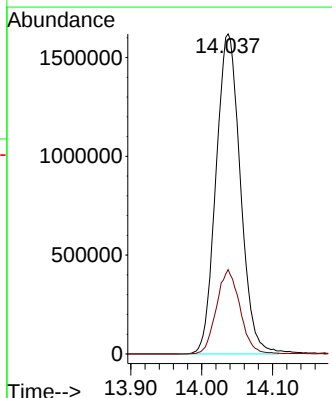
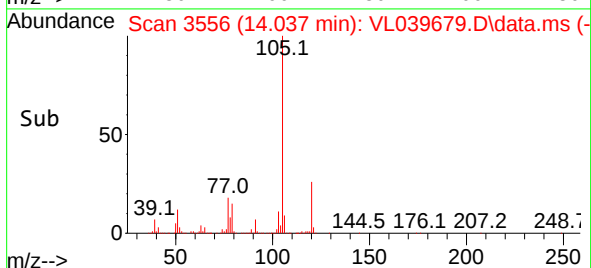
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

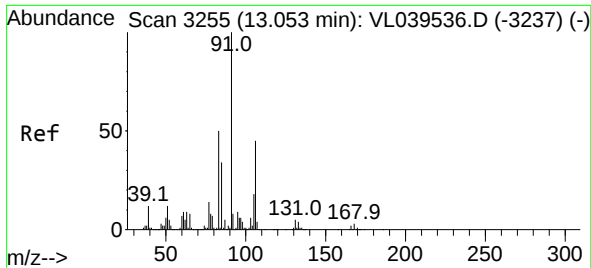


#62
Isopropylbenzene
Concen: 10.751 ppbv
RT: 14.037 min Scan# 3556
Delta R.T. 0.001 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00



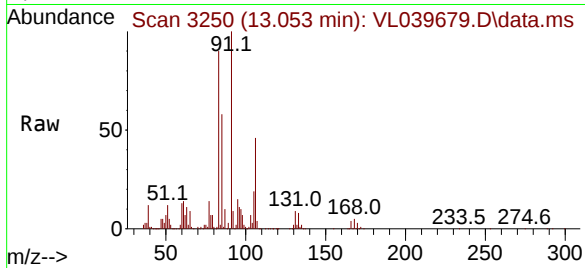
Tgt Ion:105 Resp: 3870379
Ion Ratio Lower Upper
105 100
120 25.6 20.7 31.1





#63
1,1,2,2-Tetrachloroethane
Concen: 16.145 ppbv
RT: 13.053 min Scan# 31
Delta R.T. 0.001 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

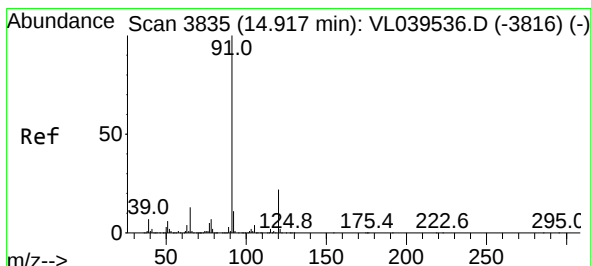
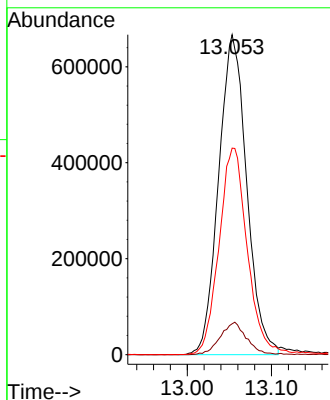
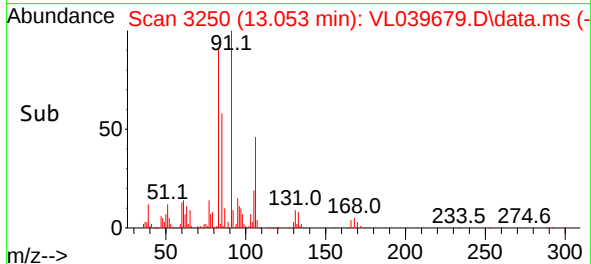
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



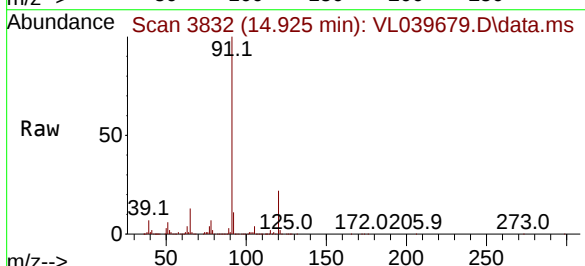
Tgt Ion: 83 Resp: 1540728
Ion Ratio Lower Upper
83 100
131 9.6 5.3 15.8
85 65.9 33.1 99.5

Manual Integrations
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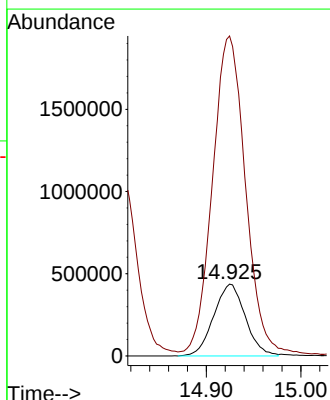
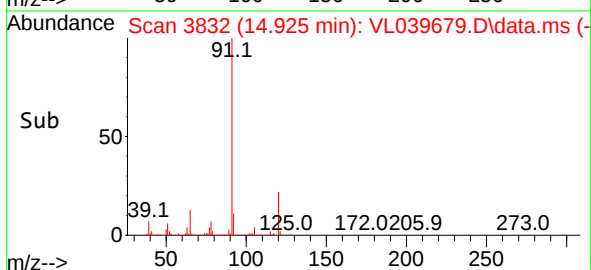
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022

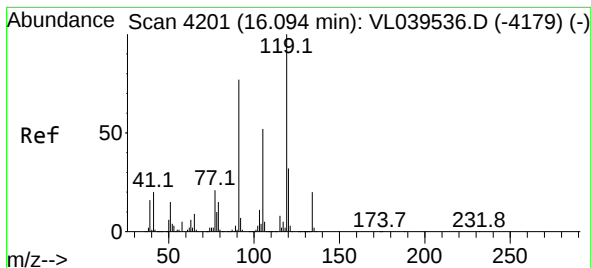


#64
n-propylbenzene
Concen: 10.987 ppbv
RT: 14.925 min Scan# 3832
Delta R.T. 0.007 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00



Tgt Ion:120 Resp: 1012931
Ion Ratio Lower Upper
120 100
91 472.2 367.2 550.8





#65

tert-Butylbenzene

Concen: 10.956 ppbv

RT: 16.095 min Scan# 41

Delta R.T. 0.001 min

Lab File: VL039679.D

Acq: 23 Sep 2022 10:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:119 Resp: 3484924

Ion Ratio Lower Upper

119 100

91 79.6 63.4 95.2

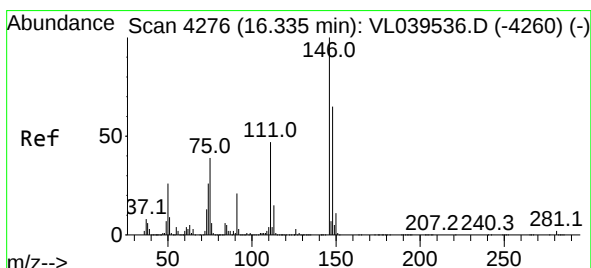
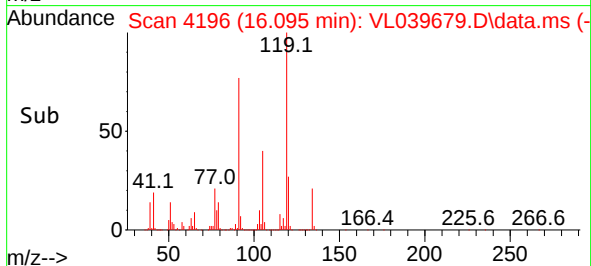
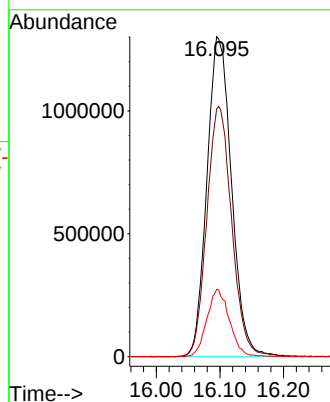
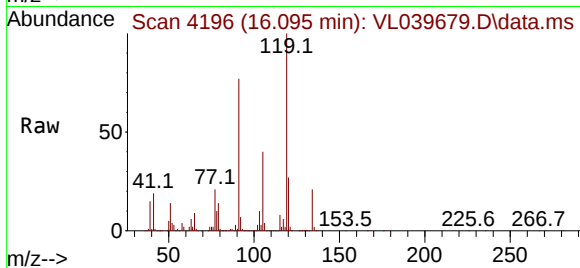
134 19.5 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/27/2022

Supervised By :Mahesh Dadoda 09/28/2022



#66

Benzyl Chloride

Concen: 7.034 ppbv

RT: 16.336 min Scan# 4271

Delta R.T. 0.001 min

Lab File: VL039679.D

Acq: 23 Sep 2022 10:00

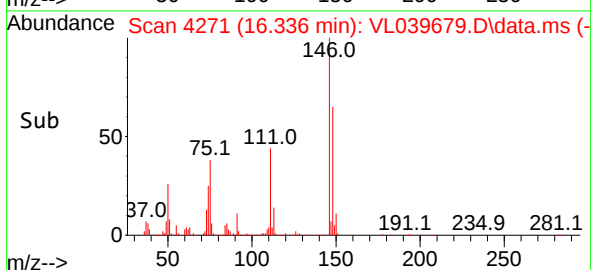
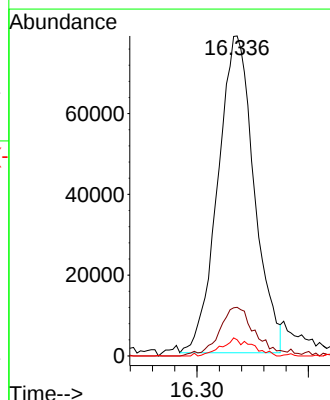
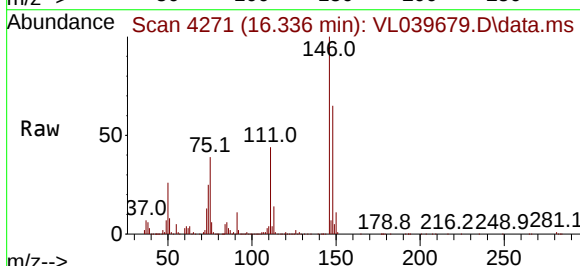
Tgt Ion: 91 Resp: 178145

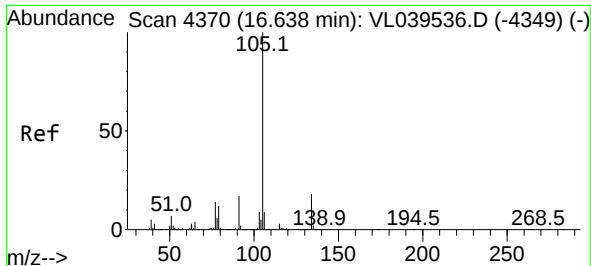
Ion Ratio Lower Upper

91 100

126 15.9 13.1 19.7

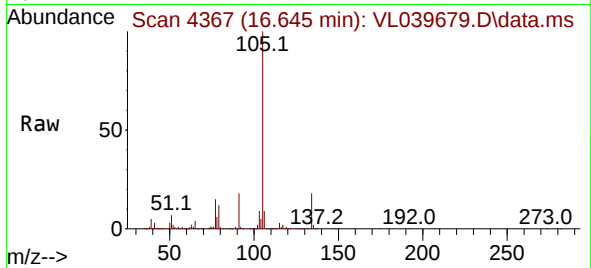
128 4.9 4.4 6.6





#67
 sec-Butylbenzene
 Concen: 11.052 ppbv
 RT: 16.645 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VL039679.D
 Acq: 23 Sep 2022 10:00

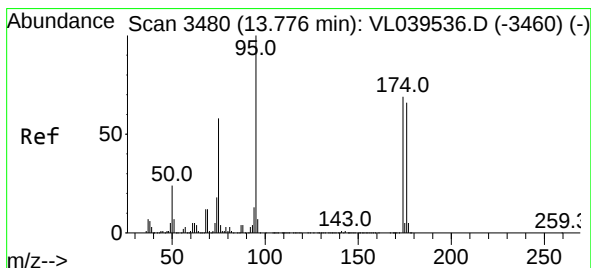
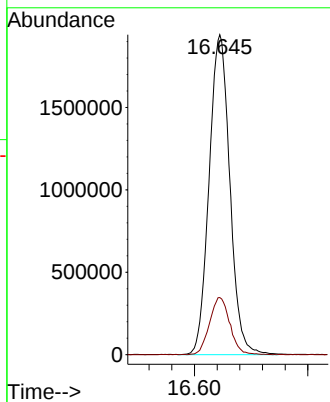
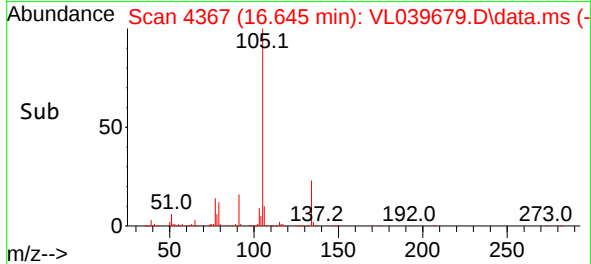
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



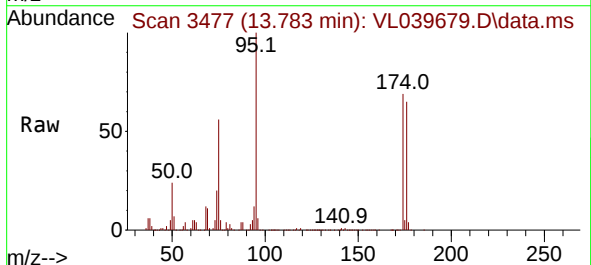
Tgt Ion: 105 Resp: 4930469
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.8 22.2

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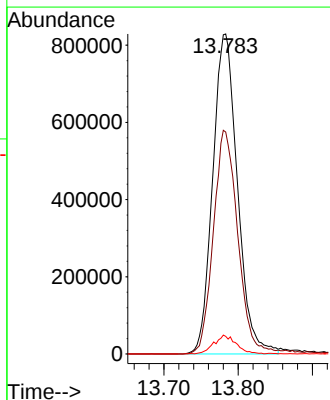
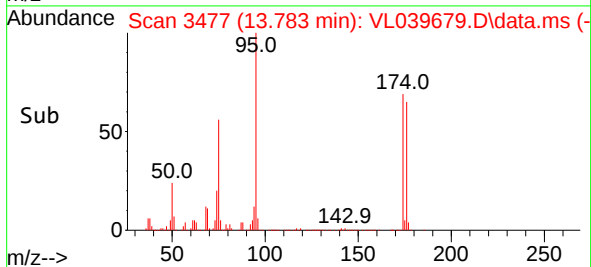
Reviewed By :Semsettin Yesilyurt 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022

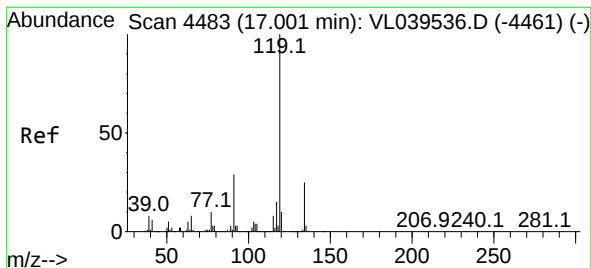


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.540 ppbv
 RT: 13.783 min Scan# 3477
 Delta R.T. 0.007 min
 Lab File: VL039679.D
 Acq: 23 Sep 2022 10:00



Tgt Ion: 95 Resp: 1921221
 Ion Ratio Lower Upper
 95 100
 174 70.4 55.9 83.9
 175 5.4 4.2 6.4





#69

p-Isopropyltoluene

Concen: 11.242 ppbv

RT: 17.005 min Scan# 4483

Delta R.T. 0.004 min

Lab File: VL039679.D

Acq: 23 Sep 2022 10:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:119 Resp: 4121070

Ion Ratio Lower Upper

119 100

134 25.1 20.3 30.5

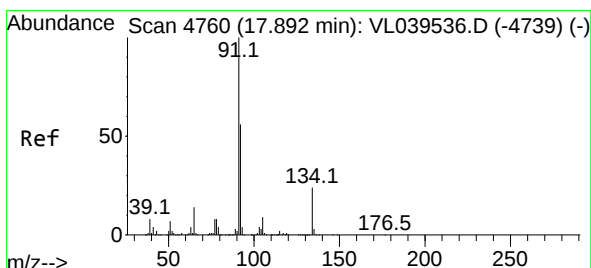
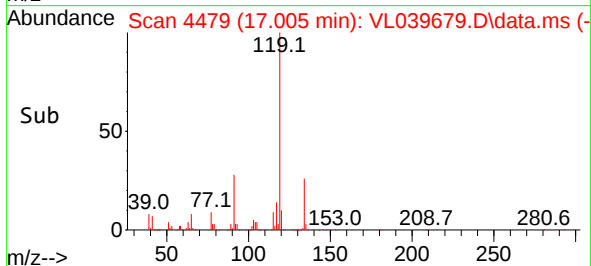
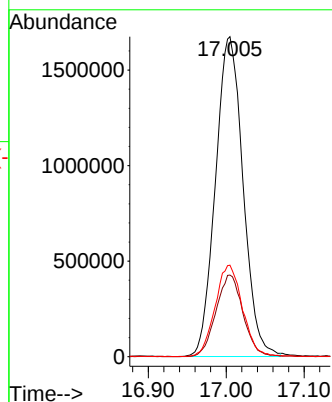
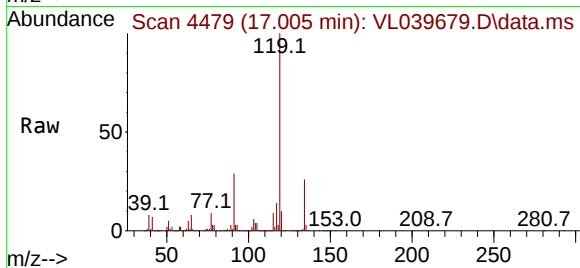
91 28.3 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/27/2022

Supervised By :Mahesh Dadoda 09/28/2022



#70

n-Butylbenzene

Concen: 11.441 ppbv

RT: 17.895 min Scan# 4756

Delta R.T. 0.004 min

Lab File: VL039679.D

Acq: 23 Sep 2022 10:00

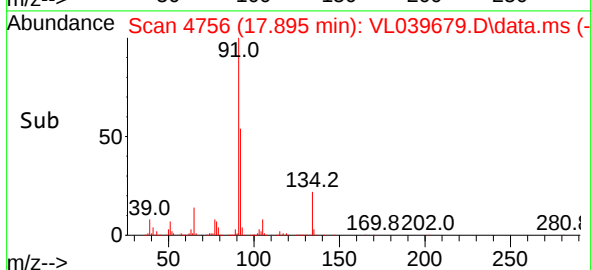
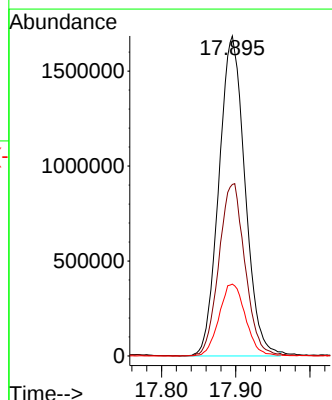
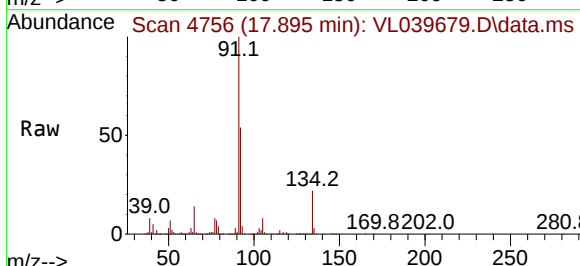
Tgt Ion: 91 Resp: 4111338

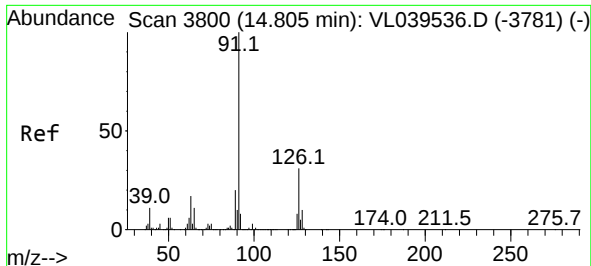
Ion Ratio Lower Upper

91 100

92 54.0 43.4 65.2

134 22.9 18.9 28.3





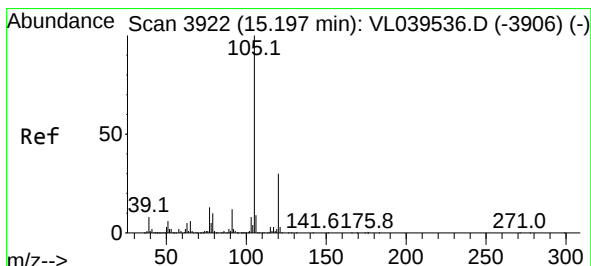
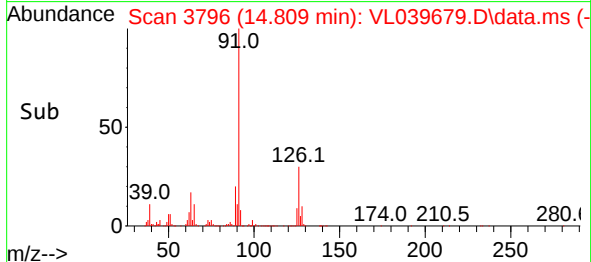
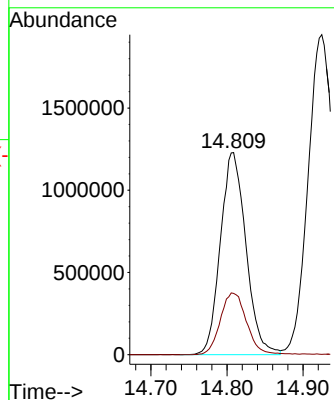
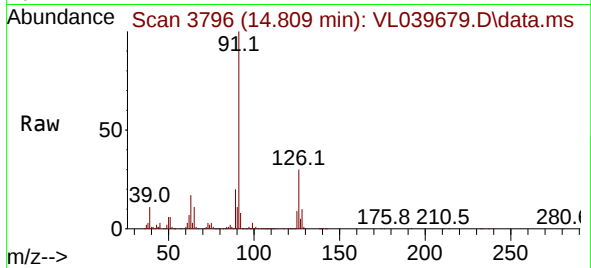
#71
2-Chlorotoluene
Concen: 11.042 ppbv
RT: 14.809 min Scan# 31
Delta R.T. 0.004 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 2870178
Ion Ratio Lower Upper
91 100
126 31.9 13.0 51.8

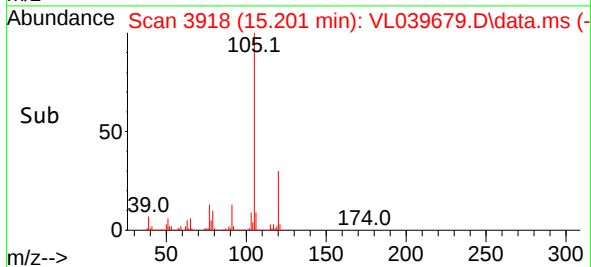
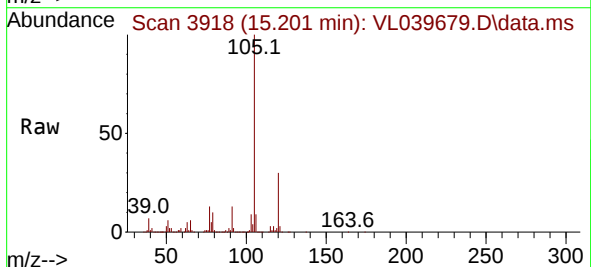
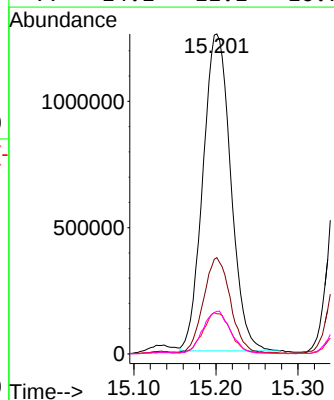
Manual Integrations
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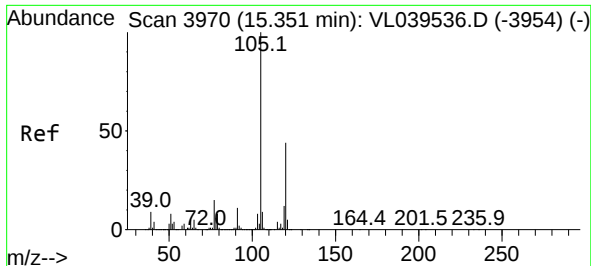
Reviewed By :Semsettin Yesilyurt 09/27/2022
Supervised By :Mahesh Dadoda 09/28/2022



#72
4-Ethyltoluene
Concen: 10.844 ppbv
RT: 15.201 min Scan# 3918
Delta R.T. 0.004 min
Lab File: VL039679.D
Acq: 23 Sep 2022 10:00

Tgt Ion:105 Resp: 2961887
Ion Ratio Lower Upper
105 100
120 30.9 24.2 36.2
91 13.0 10.2 15.4
77 14.1 11.1 16.7





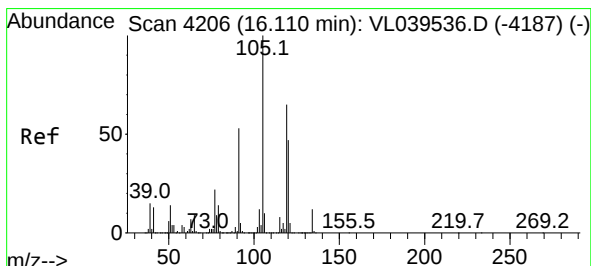
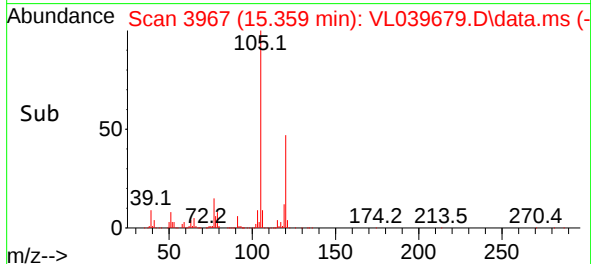
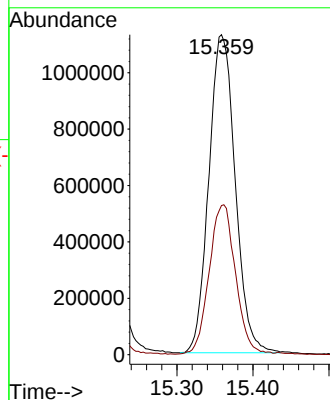
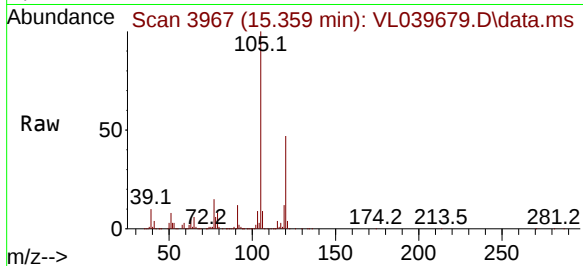
#73
 1,3,5-Trimethylbenzene
 Concen: 10.876 ppbv
 RT: 15.359 min Scan# 3970
 Delta R.T. 0.007 min
 Lab File: VL039679.D
 Acq: 23 Sep 2022 10:00

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Tgt Ion:105 Resp: 271834
 Ion Ratio Lower Upper
 105 100
 120 46.6 38.2 57.4

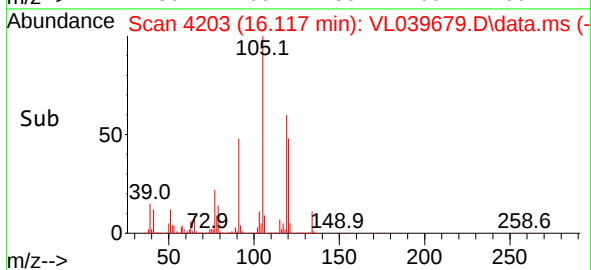
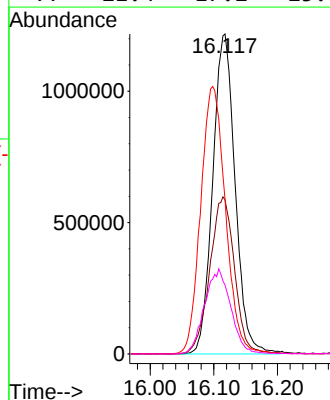
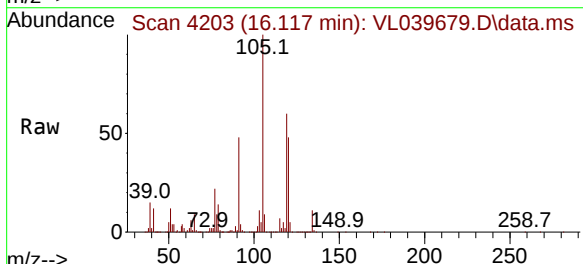
Manual Integrations
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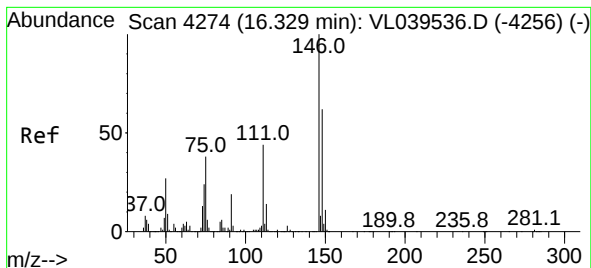
Reviewed By :Semsettin Yesilyurt 09/27/2022
 Supervised By :Mahesh Dadoda 09/28/2022



#74
 1,2,4-Trimethylbenzene
 Concen: 10.638 ppbv
 RT: 16.117 min Scan# 4203
 Delta R.T. 0.007 min
 Lab File: VL039679.D
 Acq: 23 Sep 2022 10:00

Tgt Ion:105 Resp: 2980178
 Ion Ratio Lower Upper
 105 100
 120 48.1 39.5 59.3
 91 48.3 39.2 58.8
 77 21.4 17.2 25.8





#75

1,3-Dichlorobenzene

Concen: 10.550 ppbv

RT: 16.339 min Scan# 4316

Delta R.T. 0.010 min

Lab File: VL039679.D

Acq: 23 Sep 2022 10:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:146 Resp: 176356

Ion Ratio Lower Upper

146 100

111 45.0 22.9 68.7

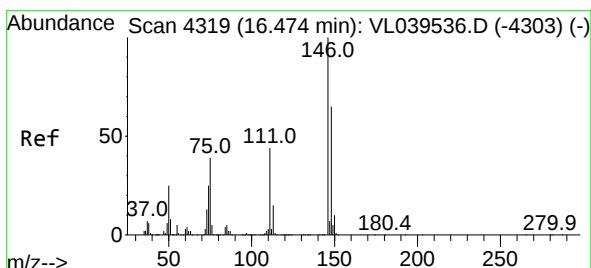
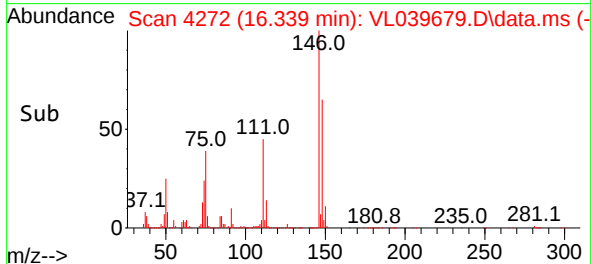
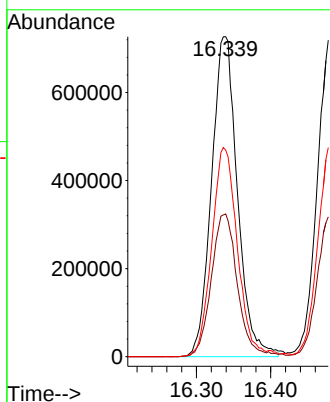
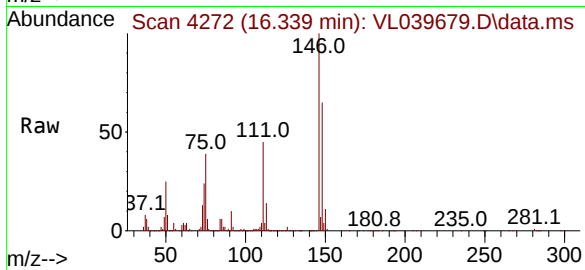
148 65.1 32.1 96.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/27/2022

Supervised By :Mahesh Dadoda 09/28/2022



#76

1,4-Dichlorobenzene

Concen: 10.114 ppbv

RT: 16.481 min Scan# 4316

Delta R.T. 0.007 min

Lab File: VL039679.D

Acq: 23 Sep 2022 10:00

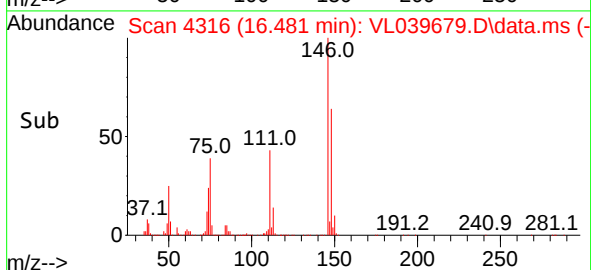
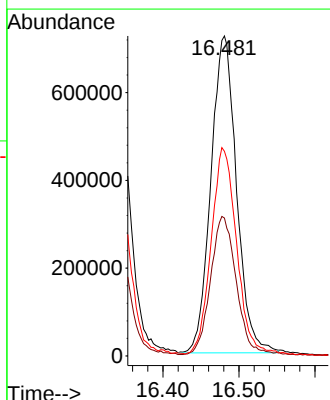
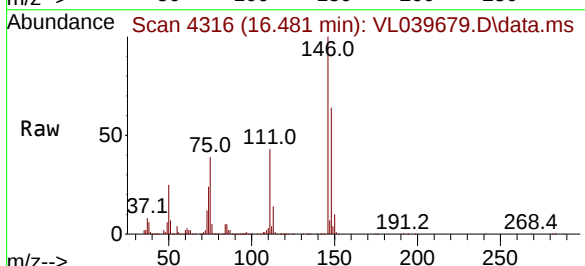
Tgt Ion:146 Resp: 1691377

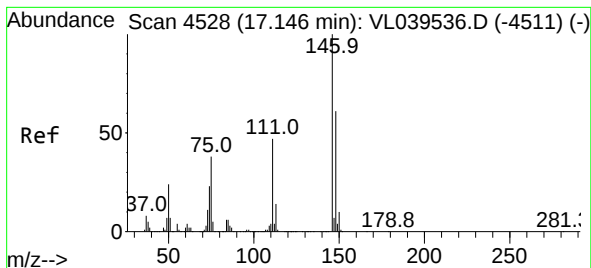
Ion Ratio Lower Upper

146 100

111 45.3 22.9 68.8

148 66.0 33.6 100.8





#77

1,2-Dichlorobenzene

Concen: 10.607 ppbv

RT: 17.146 min Scan# 4528

Delta R.T. 0.001 min

Lab File: VL039679.D

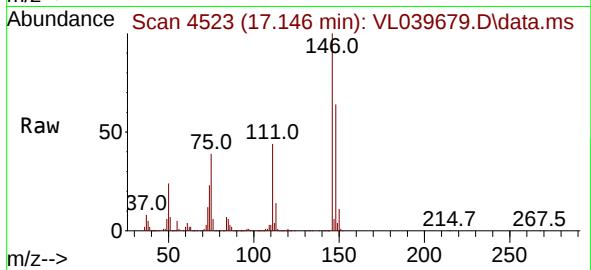
Acq: 23 Sep 2022 10:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:146 Resp: 172905

Ion Ratio Lower Upper

146 100

111 47.0 23.8 71.5

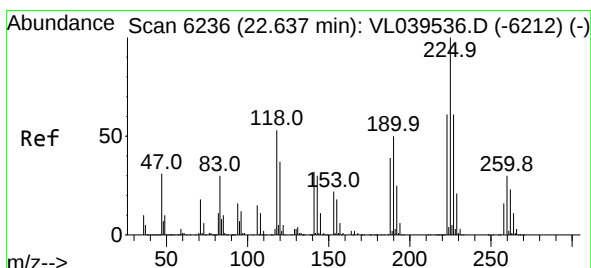
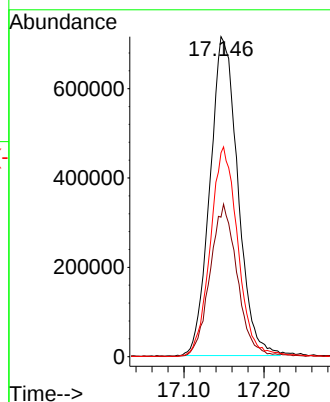
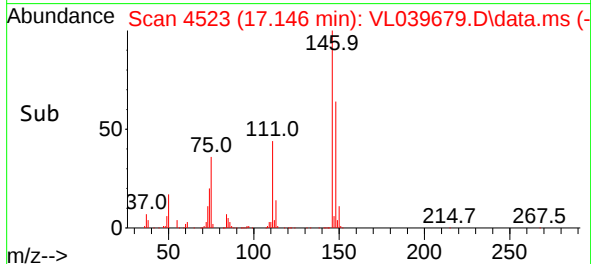
148 65.4 32.3 96.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/27/2022

Supervised By :Mahesh Dadoda 09/28/2022



#78

Hexachloro-1,3-Butadiene

Concen: 10.290 ppbv

RT: 22.638 min Scan# 6231

Delta R.T. 0.001 min

Lab File: VL039679.D

Acq: 23 Sep 2022 10:00

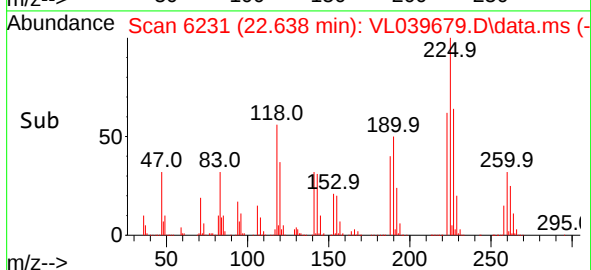
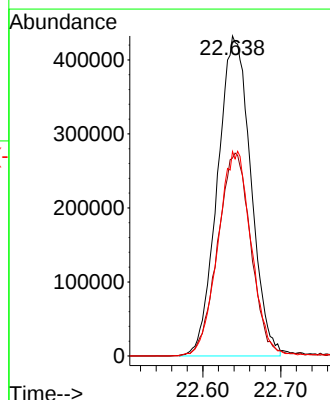
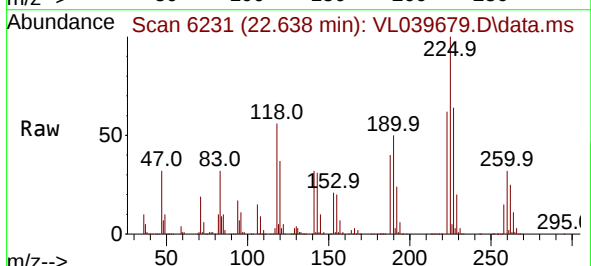
Tgt Ion:225 Resp: 1281609

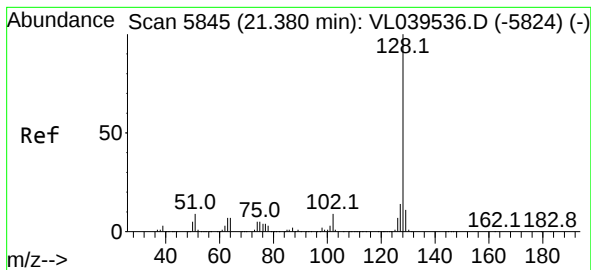
Ion Ratio Lower Upper

225 100

223 63.8 51.8 77.6

227 64.8 51.4 77.2





#79

Naphthalene

Concen: 12.971 ppbv

RT: 21.391 min Scan# 5843

Delta R.T. 0.010 min

Lab File: VL039679.D

Acq: 23 Sep 2022 10:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

Tgt Ion:128 Resp: 239820

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

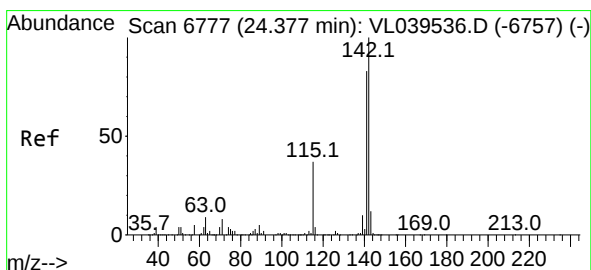
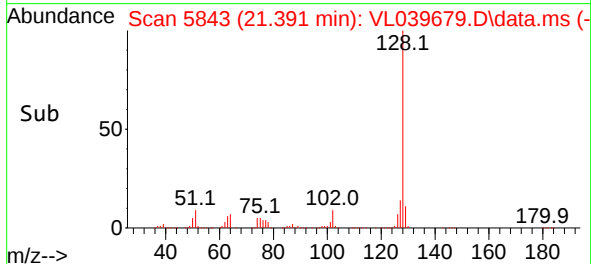
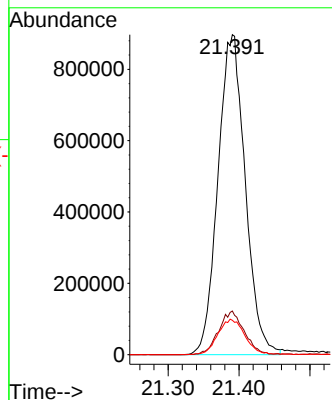
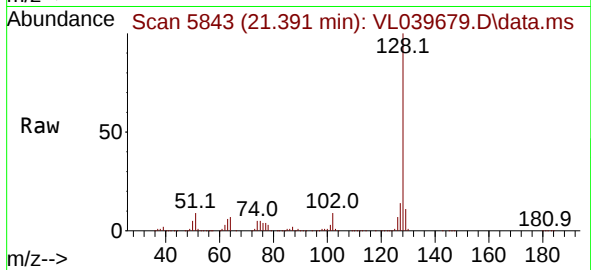
129 10.8 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/27/2022

Supervised By :Mahesh Dadoda 09/28/2022



#80

Naphthalene,2-methyl-

Concen: 8.700 ppbv

RT: 24.384 min Scan# 6774

Delta R.T. 0.007 min

Lab File: VL039679.D

Acq: 23 Sep 2022 10:00

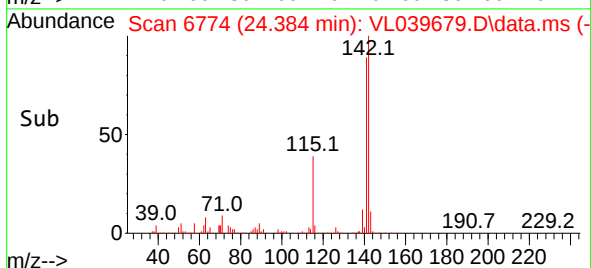
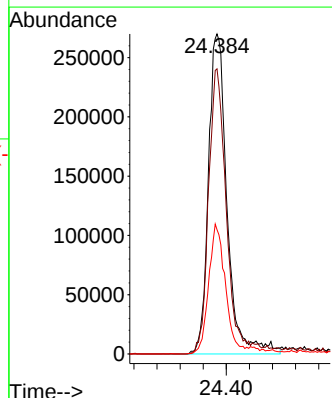
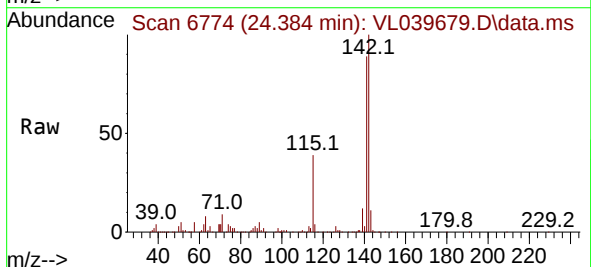
Tgt Ion:142 Resp: 604816

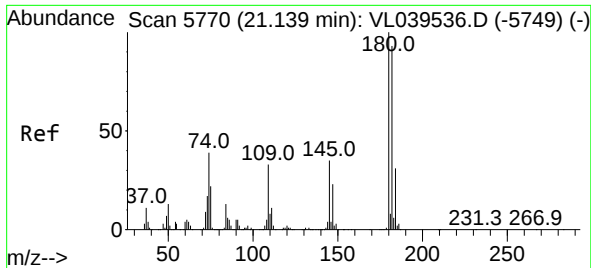
Ion Ratio Lower Upper

142 100

141 87.8 68.9 103.3

115 38.8 30.0 45.0





#81

1,2,4-Trichlorobenzene

Concen: 11.186 ppbv

RT: 21.146 min Scan# 51

Delta R.T. 0.007 min

Lab File: VL039679.D

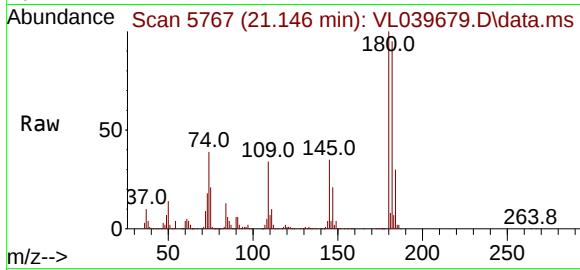
Acq: 23 Sep 2022 10:00

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



Tgt Ion:180 Resp: 1358428

Ion Ratio Lower Upper

180 100

182 96.6 77.1 115.7

184 30.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 09/27/2022

Supervised By :Mahesh Dadoda 09/28/2022

