

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041322\
 Data File : VL038906.D
 Acq On : 13 Apr 2022 16:17
 Operator : SY/AP
 Sample : VL0413ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0413ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/14/2022
 Supervised By : Mahesh Dadoda 04/18/2022

Quant Time: Apr 14 08:25:01 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 6 06:12:53 2022

QLast Update : Wed Apr 06 06:12:53 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.671	49	1101449	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.182	114	2666860	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.092	117	2669388	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.420 95 2112830 10.435 ppbv 0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.054	85	1479669	9.471	ppbv	99
3) Chlorodifluoromethane	2.993	51	1334084	9.925	ppbv	93
4) Chloromethane	3.147	50	643133	9.240	ppbv	94
5) Vinyl Chloride	3.266	62	628817	9.777	ppbv	96
6) Bromomethane	3.481	94	328346	10.552	ppbv	100
7) Chloroethane	3.562	64	202875	9.459	ppbv	96
8) Dichlorotetrafluoroethane	3.195	85	1557848	10.674	ppbv	92
9) Propene	3.018	41	561877	7.900	ppbv	94
10) Heptane	8.128	43	1473184	8.224	ppbv	95
11) Trichlorofluoromethane	3.957	101	1423461	11.338	ppbv	98
12) 1,1,2-Trichlorotrifluo...	4.491	101	997464	10.372	ppbv	92
13) Ethanol	3.604	45	45038m	10.420	ppbv	
14) Bromoethene	3.745	108	422837	9.998	ppbv	99
15) Acetone	3.851	43	1115966	10.177	ppbv	98
16) 1,3-Butadiene	3.334	39	594058	9.476	ppbv	98
17) tert-Butyl alcohol	4.288	59	792699	8.061	ppbv	99
18) 1,1-Dichloroethene	4.292	96	444045	10.129	ppbv	97
19) Isopropyl Alcohol	3.967	45	545486	9.733	ppbv #	100
20) Methylene Chloride	4.350	84	369443	9.289	ppbv	94
21) Allyl Chloride	4.417	41	742793	9.047	ppbv	98
22) trans-1,2-Dichloroethene	4.890	96	471633	10.626	ppbv	96
23) Vinyl Acetate	5.076	43	984252	9.217	ppbv	100
24) 1,1-Dichloroethane	5.015	63	923617	9.571	ppbv	99
25) Ethyl Acetate	5.681	43	2551917	9.171	ppbv	99
26) Hexane	5.694	57	1119407	8.839	ppbv	99
27) Carbon Disulfide	4.555	76	1137452	9.793	ppbv	100
28) Methyl tert-Butyl Ether	5.038	73	838572	8.573	ppbv	99
29) Chloroform	5.758	83	1840748	10.388	ppbv	95
30) Cyclohexane	7.137	84	945187	8.468	ppbv	98
31) cis-1,2-Dichloroethene	5.552	61	1184163	10.169	ppbv	90
32) 1,1,1-Trichloroethane	6.517	97	1863223	10.436	ppbv	97
34) 2-Butanone	5.247	43	1531673	14.535	ppbv	96
35) Carbon Tetrachloride	7.025	117	1921796	12.020	ppbv	96
36) Benzene	6.896	78	2277850	9.389	ppbv	97
37) 1,2-Dichloroethane	6.311	62	1508328	13.598	ppbv #	94
38) Trichloroethene	7.838	130	918866	9.231	ppbv	95
39) 1,2-Dichloropropane	7.616	63	915296	9.864	ppbv	95
40) 1,4-Dioxane	7.832	88	310908m	9.867	ppbv	
41) Tetrahydrofuran	6.050	42	939114	9.383	ppbv	99
42) Bromodichloromethane	7.796	83	2079633	11.873	ppbv	99
43) Methyl Methacrylate	8.018	69	961480	10.347	ppbv	96
44) 2,2,4-Trimethylpentane	7.877	57	3937191	9.585	ppbv	98
45) t-1,3-Dichloropropene	9.282	75	1058890	10.898	ppbv	98

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 Supervised By : Mahesh Dadoda 04/18/2022

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 6 06:12:53 2022

QLast Update : Wed Apr 06 06:12:53 2022

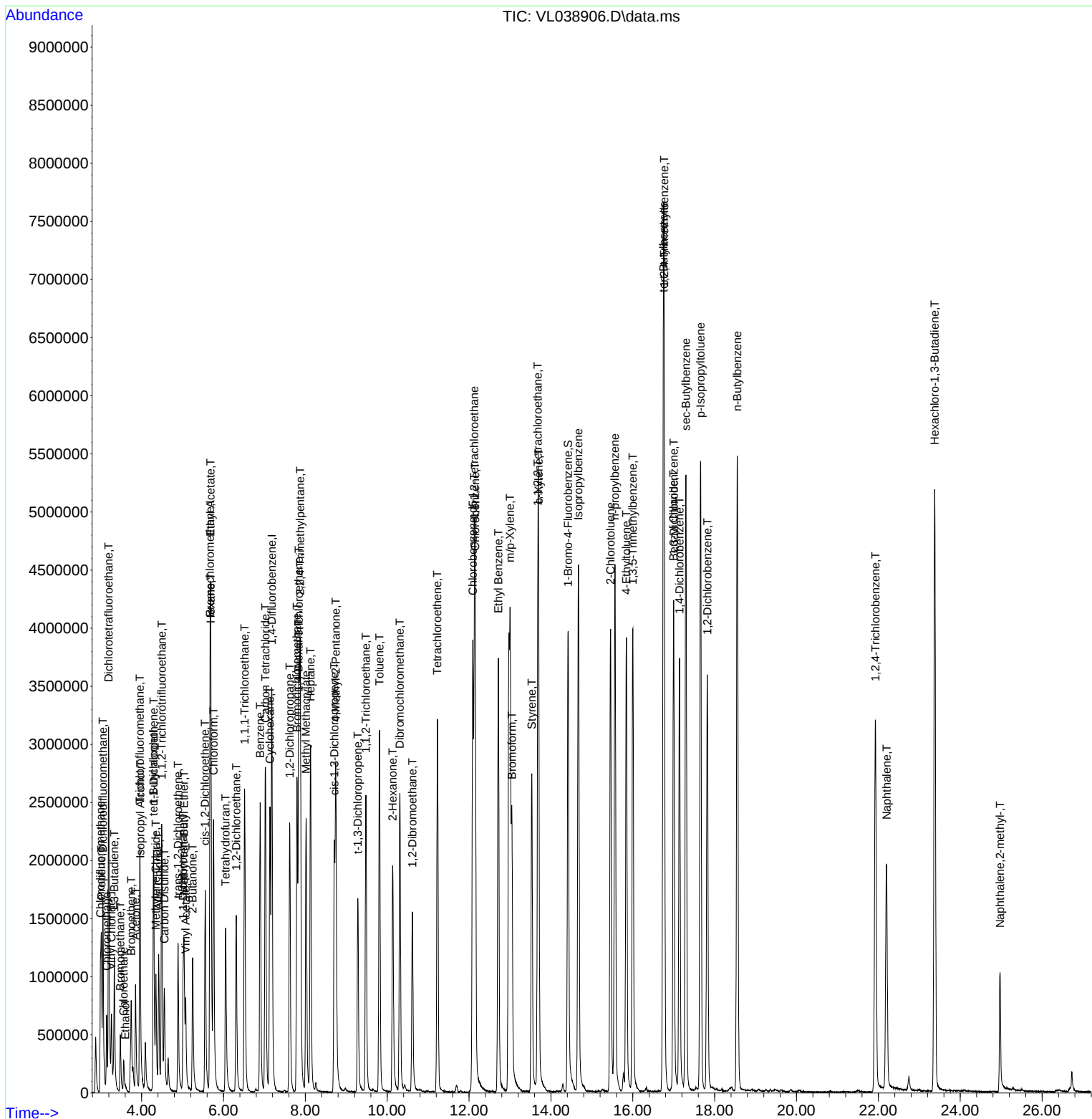
Response via : Initial Calibration

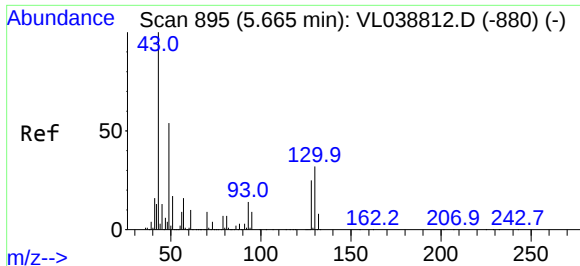
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.710	75	1307138	10.204	ppbv	95
47) 1,1,2-Trichloroethane	9.478	97	933058	9.813	ppbv	97
48) Dibromochloromethane	10.308	129	1665983	11.179	ppbv	99
49) Bromoform	13.050	173	1330526m	11.272	ppbv	
50) 4-Methyl-2-Pentanone	8.745	43	2411946	10.176	ppbv	100
51) 2-Hexanone	10.134	43	1918564	10.742	ppbv #	95
52) Tetrachloroethene	11.227	164	783441	9.245	ppbv	98
53) Toluene	9.812	91	2627556	9.382	ppbv	99
54) 1,2-Dibromoethane	10.616	107	1366602	10.347	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.131	131	1124450	9.612	ppbv	97
57) Chlorobenzene	12.153	112	1888611	8.639	ppbv	95
58) Ethyl Benzene	12.716	91	3651384	9.154	ppbv	93
59) m/p-Xylene	13.002	91	6226991m	18.582	ppbv	
60) o-Xylene	13.700	91	2923629	9.323	ppbv	94
61) Styrene	13.532	104	1675647	8.771	ppbv	94
62) Isopropylbenzene	14.671	105	4169995	8.860	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.680	83	1849998	9.315	ppbv	100
64) n-propylbenzene	15.565	120	1070264	8.757	ppbv	77
65) tert-Butylbenzene	16.751	119	3685658	8.826	ppbv	92
66) Benzyl Chloride	16.995	91	582385	6.850	ppbv #	92
67) sec-Butylbenzene	17.298	105	5359448	9.146	ppbv	97
69) p-Isopropyltoluene	17.654	119	4408004	9.162	ppbv	96
70) n-Butylbenzene	18.552	91	4869793	10.047	ppbv	97
71) 2-Chlorotoluene	15.458	91	3322316	9.387	ppbv	94
72) 4-Ethyltoluene	15.841	105	3595495	9.602	ppbv	96
73) 1,3,5-Trimethylbenzene	15.999	105	3238619	9.628	ppbv	94
74) 1,2,4-Trimethylbenzene	16.767	105	3380996	9.508	ppbv	96
75) 1,3-Dichlorobenzene	16.999	146	1878031	9.096	ppbv	98
76) 1,4-Dichlorobenzene	17.140	146	1860256	9.147	ppbv	98
77) 1,2-Dichlorobenzene	17.822	146	1847445	9.078	ppbv	98
78) Hexachloro-1,3-Butadiene	23.375	225	1305586	8.119	ppbv	99
79) Naphthalene	22.201	128	2600362	9.776	ppbv	99
80) Naphthalene,2-methyl-	24.973	142	650477	9.924	ppbv	95
81) 1,2,4-Trichlorobenzene	21.931	180	1450258	9.316	ppbv	99

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

Manual Integrations

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Apr
QLast Update : Wed Apr 06 06:12:53 2022
Response via : Initial Calibration





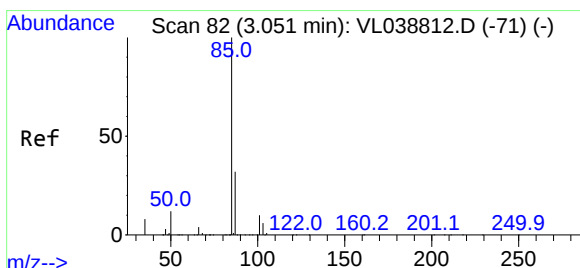
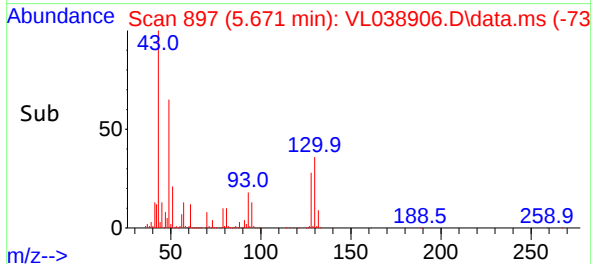
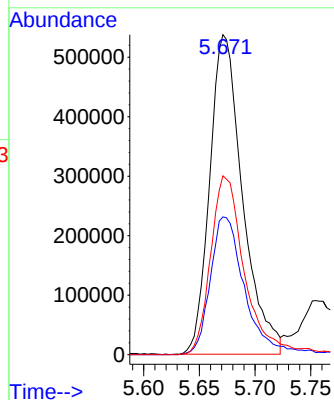
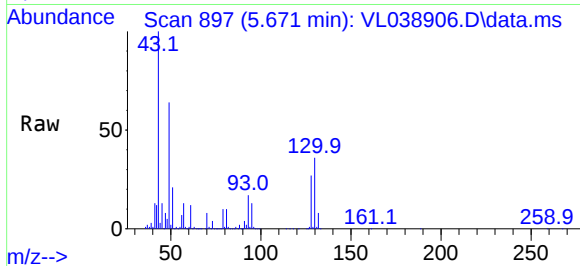
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 89
Delta R.T. 0.006 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01

Tgt Ion: 49 Resp: 1101449
Ion Ratio Lower Upper
49 100
128 46.5 24.1 72.3
130 59.7 30.9 92.8

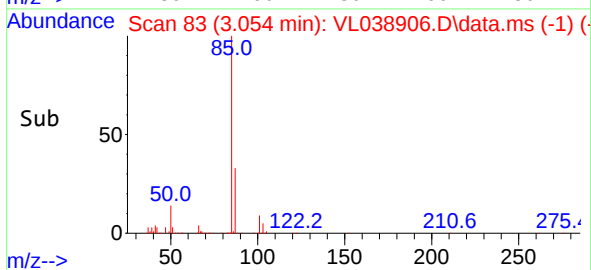
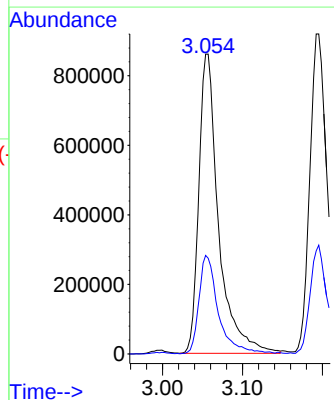
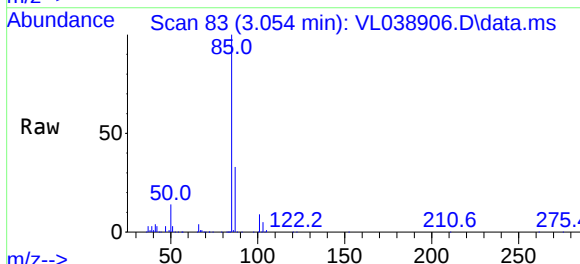
Manual Integrations
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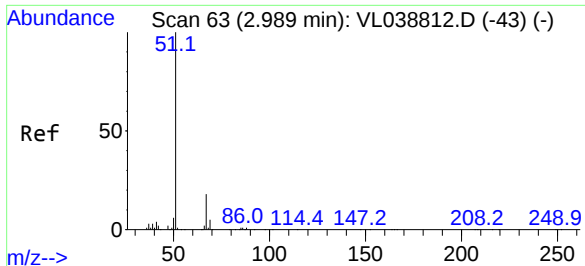
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#2
Dichlorodifluoromethane
Concen: 9.471 ppbv
RT: 3.054 min Scan# 83
Delta R.T. 0.003 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

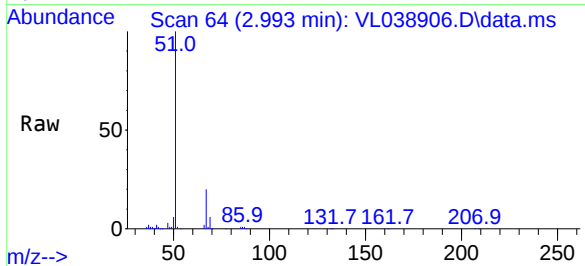
Tgt Ion: 85 Resp: 1479669
Ion Ratio Lower Upper
85 100
87 32.9 25.9 38.9





#3
Chlorodifluoromethane
Concen: 9.925 ppbv
RT: 2.993 min Scan# 64
Delta R.T. 0.003 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

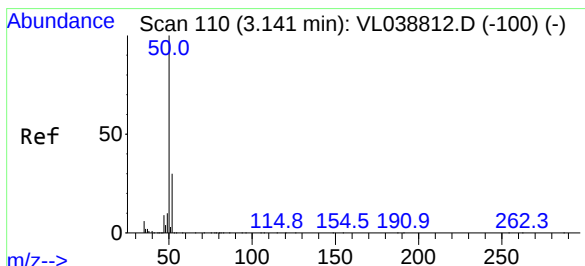
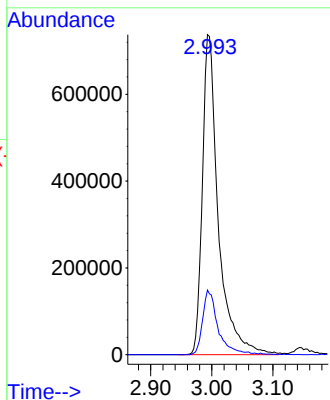
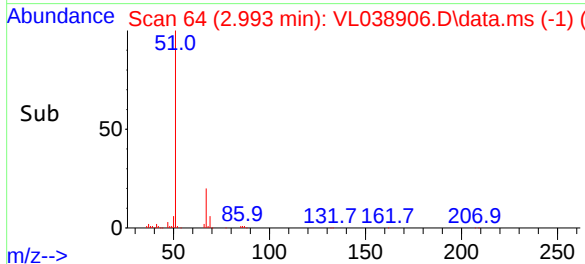
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



Tgt Ion: 51 Resp: 1334084
Ion Ratio Lower Upper
51 100
67 19.8 13.4 20.0

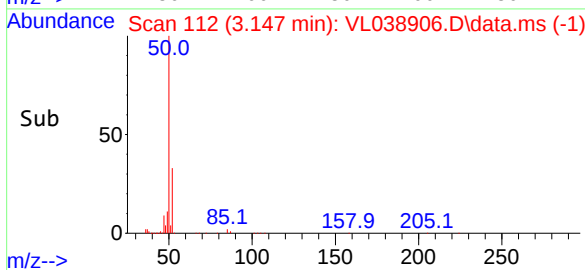
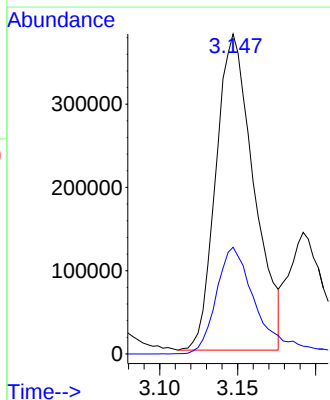
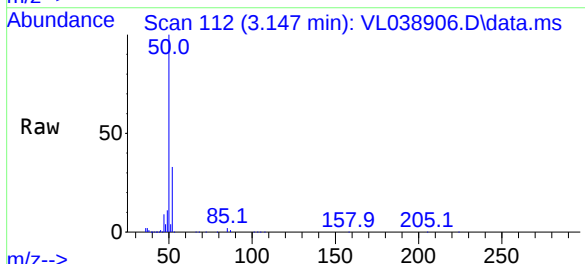
Manual Integrations
APPROVED

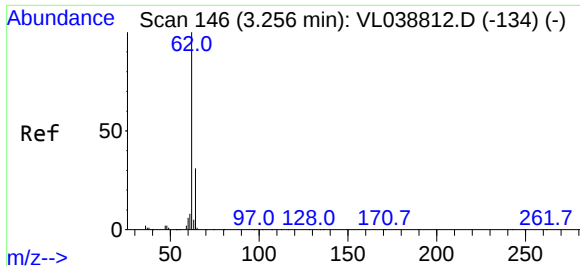
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#4
Chloromethane
Concen: 9.240 ppbv
RT: 3.147 min Scan# 112
Delta R.T. 0.006 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

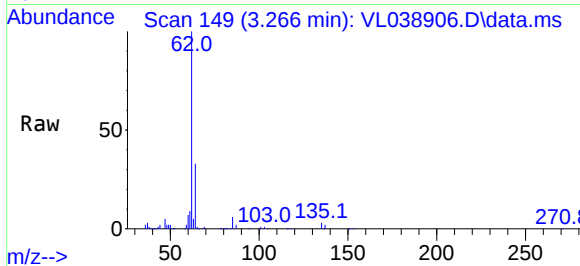
Tgt Ion: 50 Resp: 643133
Ion Ratio Lower Upper
50 100
52 33.6 24.3 36.5





#5
 Vinyl Chloride
 Concen: 9.777 ppbv
 RT: 3.266 min Scan# 146
 Delta R.T. 0.010 min
 Lab File: VL038906.D
 Acq: 13 Apr 2022 16:17

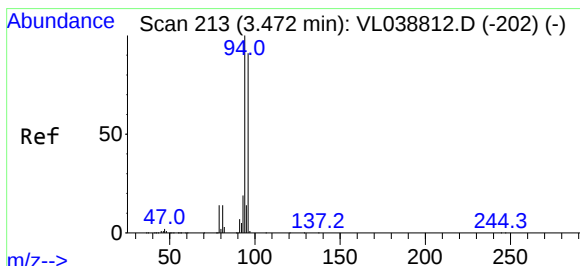
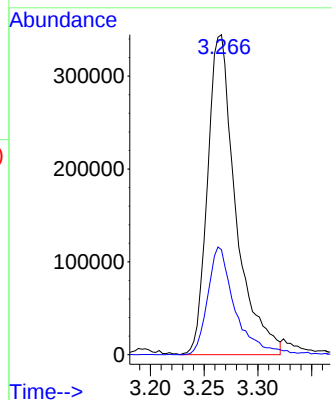
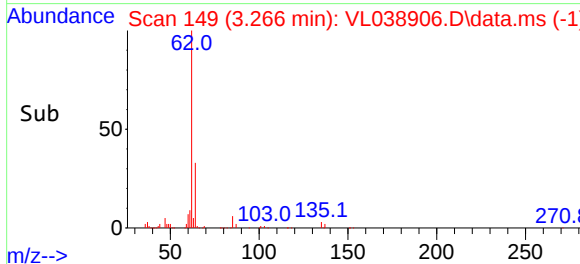
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0413ABS01



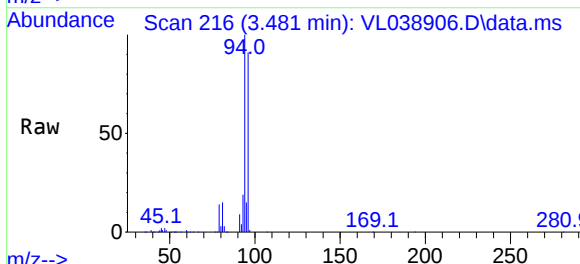
Tgt Ion: 62 Resp: 62881
 Ion Ratio Lower Upper
 62 100
 64 32.8 24.6 37.0

Manual Integrations
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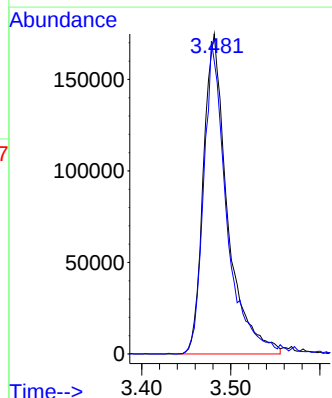
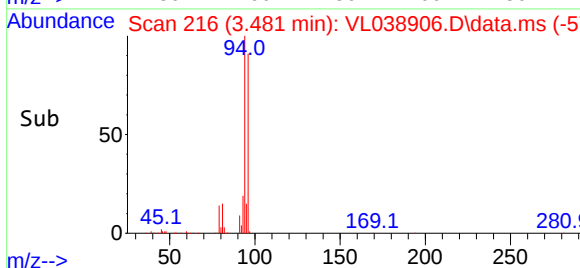
Reviewed By :Semsettin Yesilyurt 04/14/2022
 Supervised By :Mahesh Dadoda 04/18/2022

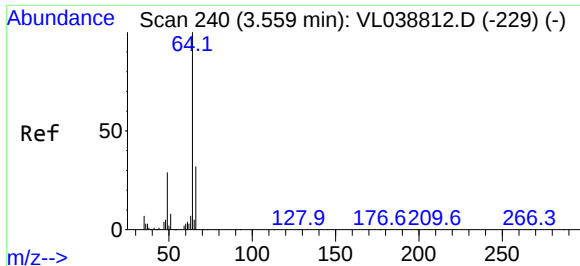


#6
 Bromomethane
 Concen: 10.552 ppbv
 RT: 3.481 min Scan# 216
 Delta R.T. 0.010 min
 Lab File: VL038906.D
 Acq: 13 Apr 2022 16:17



Tgt Ion: 94 Resp: 328346
 Ion Ratio Lower Upper
 94 100
 96 91.4 73.2 109.8





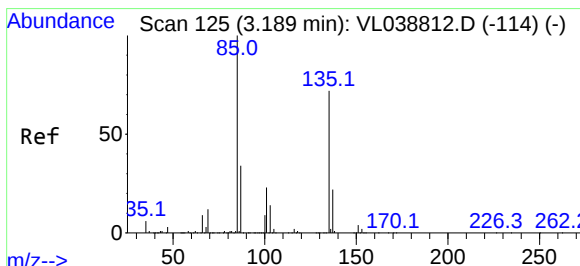
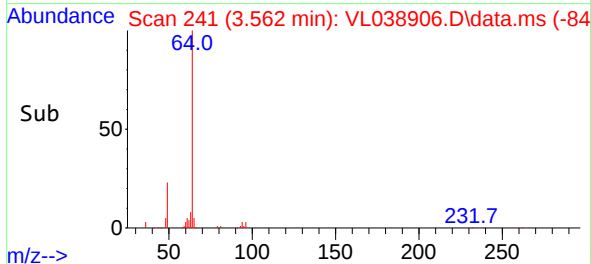
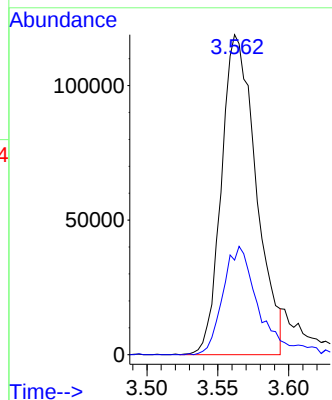
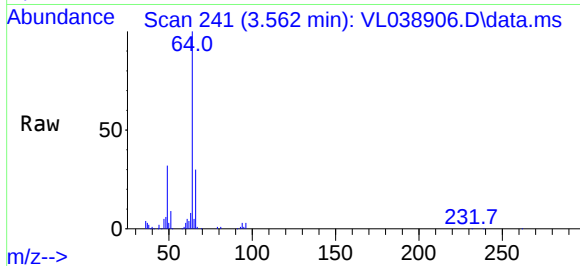
#7
Chloroethane
Concen: 9.459 ppbv
RT: 3.562 min Scan# 240
Delta R.T. 0.003 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01

Tgt Ion: 64 Resp: 202875
Ion Ratio Lower Upper
64 100
66 29.6 25.4 38.2

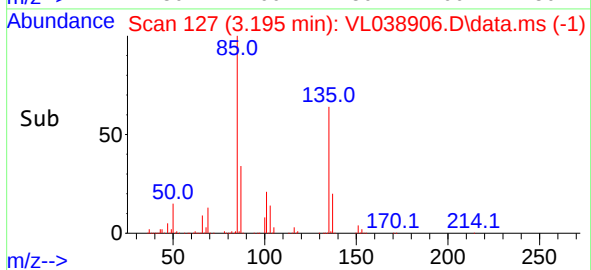
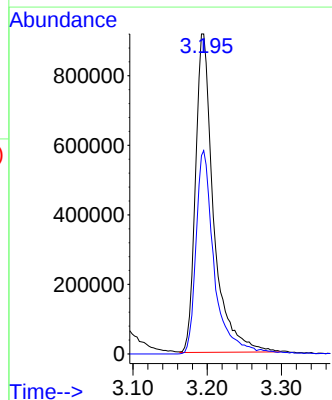
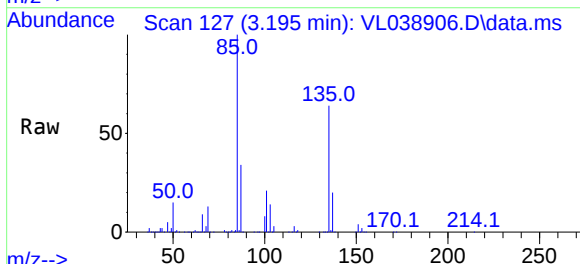
Manual Integrations
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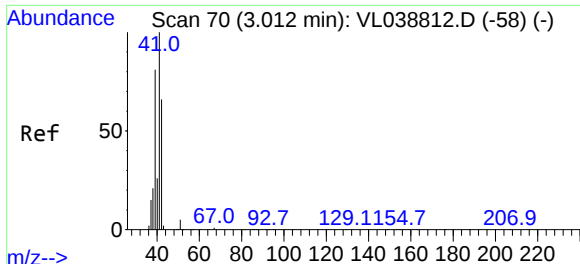
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#8
Dichlorotetrafluoroethane
Concen: 10.674 ppbv
RT: 3.195 min Scan# 127
Delta R.T. 0.006 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

Tgt Ion: 85 Resp: 1557848
Ion Ratio Lower Upper
85 100
135 64.9 57.0 85.6





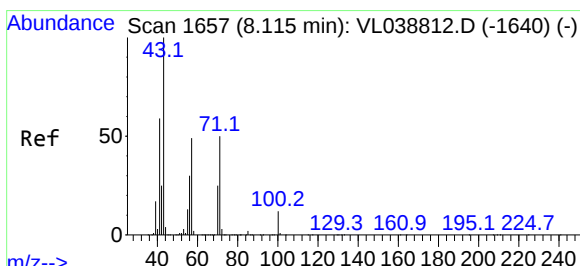
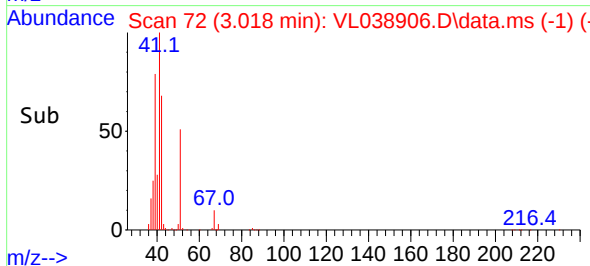
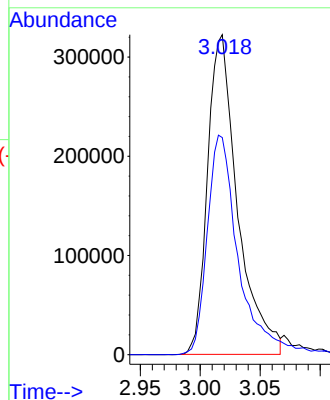
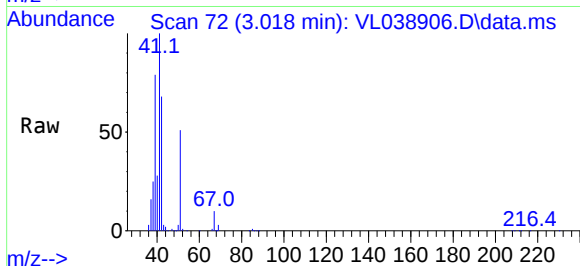
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Propene
Concen: 7.900 ppbv
RT: 3.018 min Scan# 70
Delta R.T. 0.006 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01

Tgt Ion: 41 Resp: 56187
Ion Ratio Lower Upper
41 100
42 72.3 54.2 81.4

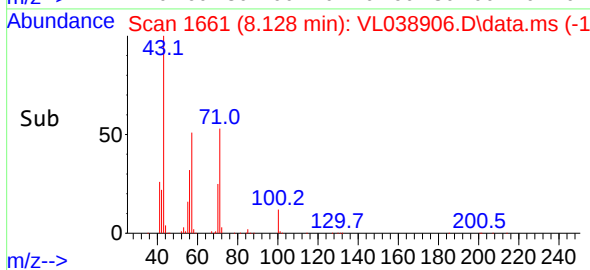
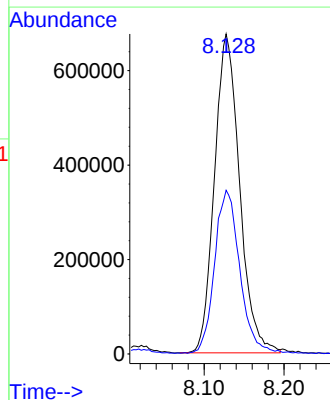
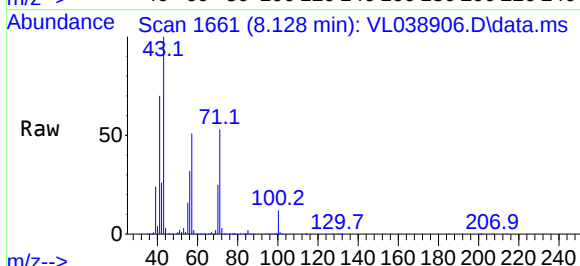
Manual Integrations
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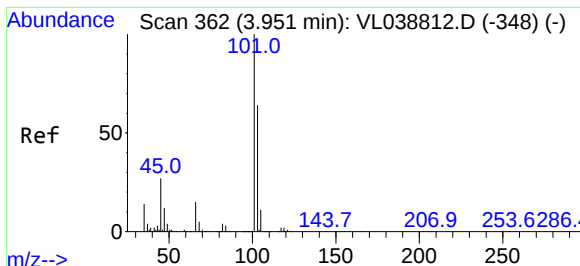
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#10
Heptane
Concen: 8.224 ppbv
RT: 8.128 min Scan# 1661
Delta R.T. 0.013 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

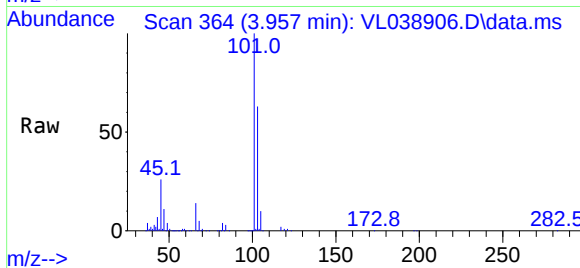
Tgt Ion: 43 Resp: 1473184
Ion Ratio Lower Upper
43 100
57 52.5 39.3 58.9





#11
Trichlorofluoromethane
Concen: 11.338 ppbv
RT: 3.957 min Scan# 30
Delta R.T. 0.006 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

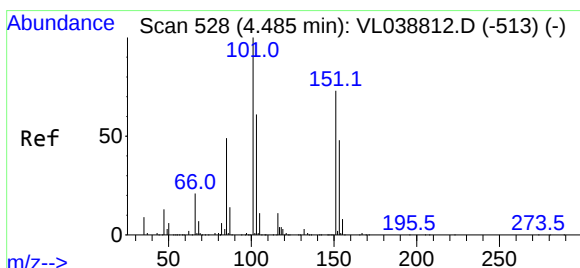
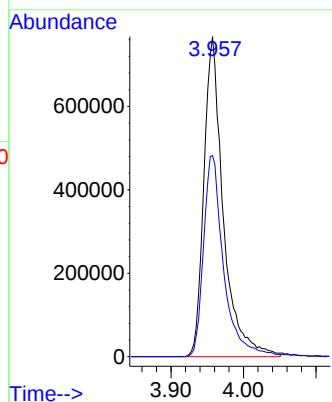
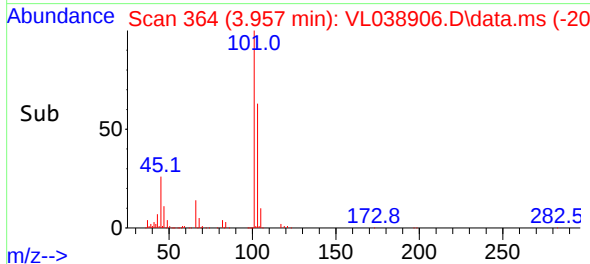
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



Tgt Ion:101 Resp: 142346
Ion Ratio Lower Upper
101 100
103 62.8 51.4 77.0

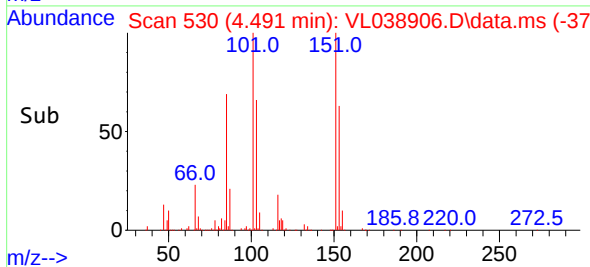
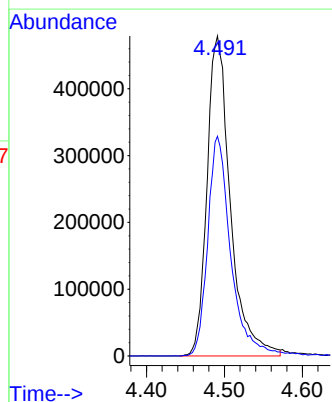
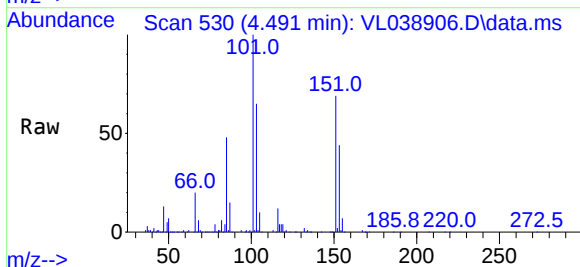
Manual Integrations
APPROVED

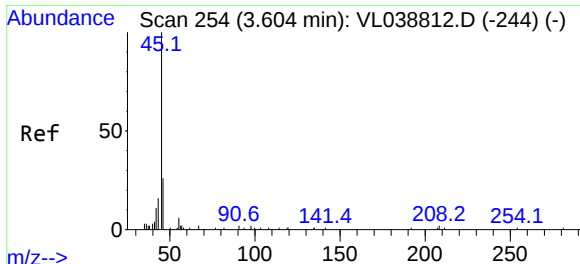
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.372 ppbv
RT: 4.491 min Scan# 530
Delta R.T. 0.006 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

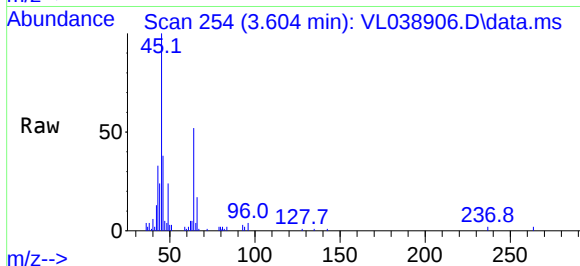
Tgt Ion:101 Resp: 997464
Ion Ratio Lower Upper
101 100
151 68.5 59.9 89.9





#13
Ethanol
Concen: 10.420 ppbv m
RT: 3.604 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

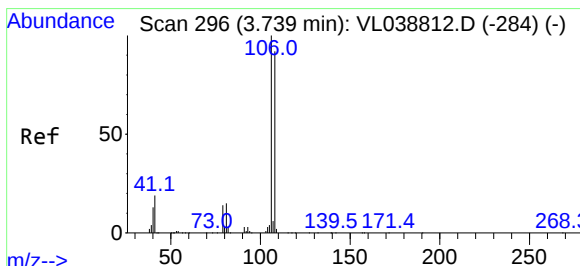
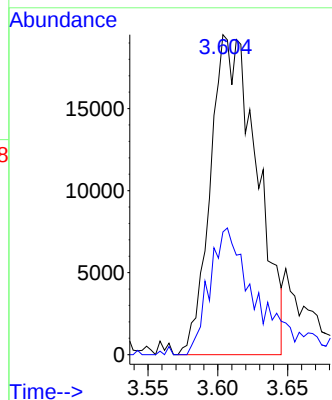
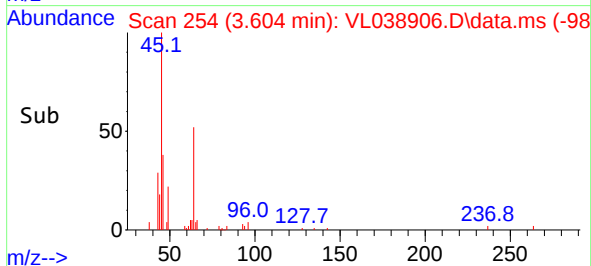
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



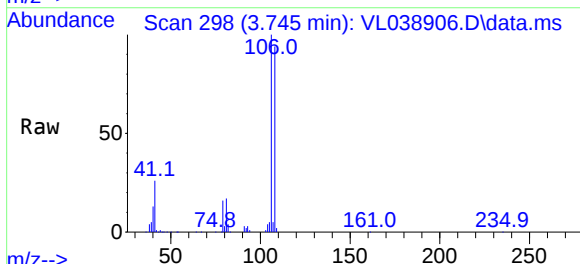
Tgt Ion: 45 Resp: 45038
Ion Ratio Lower Upper
45 100
46 42.1 0.0 0.0

Manual Integrations
APPROVED

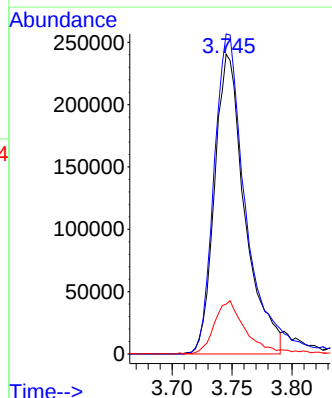
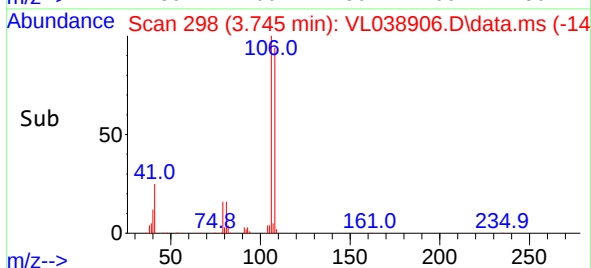
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

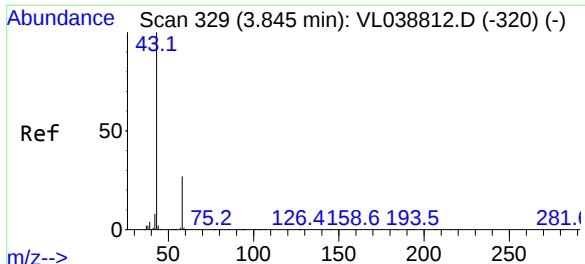


#14
Bromoethene
Concen: 9.998 ppbv
RT: 3.745 min Scan# 298
Delta R.T. 0.006 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17



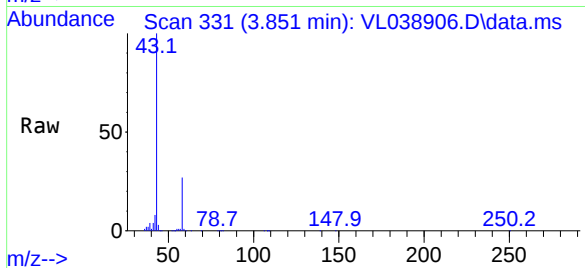
Tgt Ion:108 Resp: 422837
Ion Ratio Lower Upper
108 100
106 114.6 91.5 137.3
79 19.5 13.7 20.5





#15
Acetone
Concen: 10.177 ppbv
RT: 3.851 min Scan# 311
Delta R.T. 0.006 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

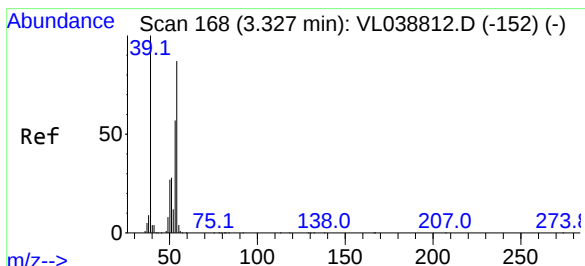
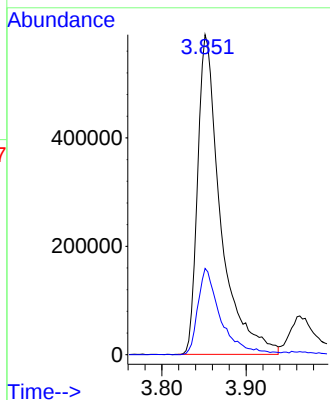
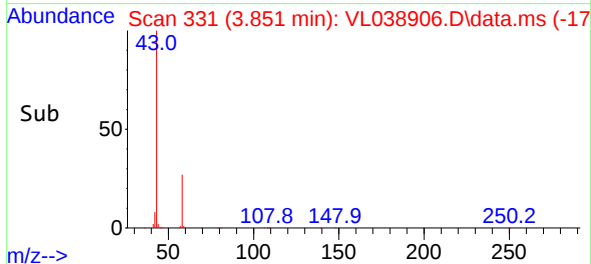
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



Tgt Ion: 43 Resp: 111596
Ion Ratio Lower Upper
43 100
58 26.8 22.5 33.7

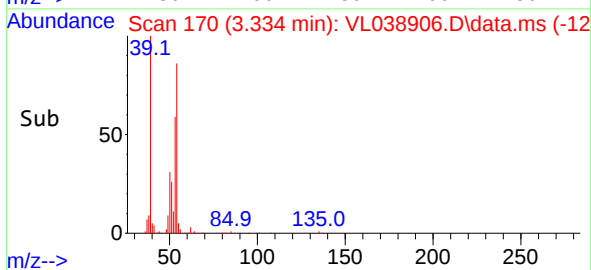
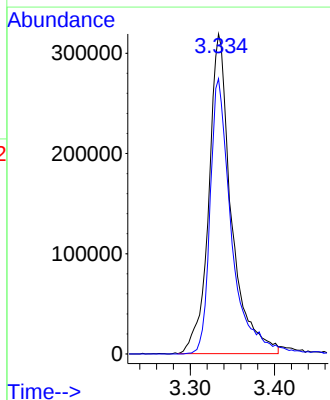
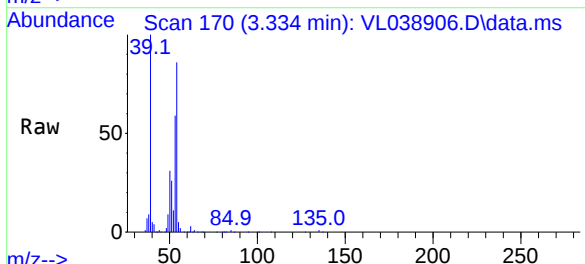
Manual Integrations
APPROVED

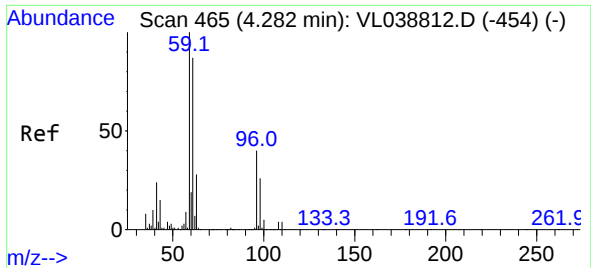
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#16
1,3-Butadiene
Concen: 9.476 ppbv
RT: 3.334 min Scan# 170
Delta R.T. 0.006 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

Tgt Ion: 39 Resp: 594058
Ion Ratio Lower Upper
39 100
54 82.4 64.8 97.2





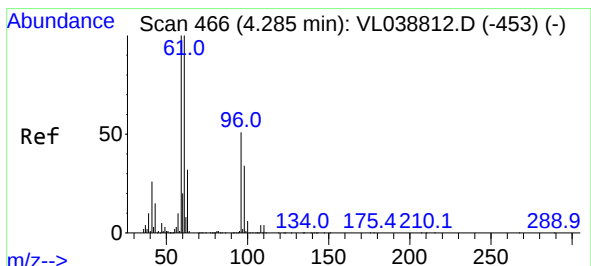
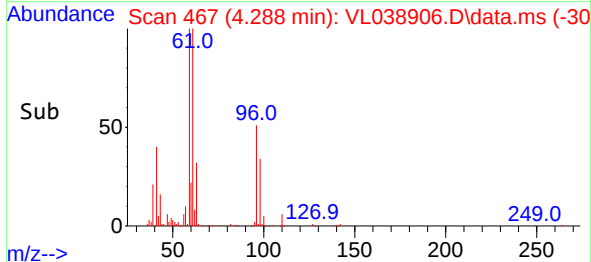
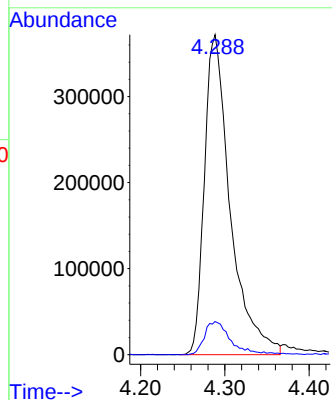
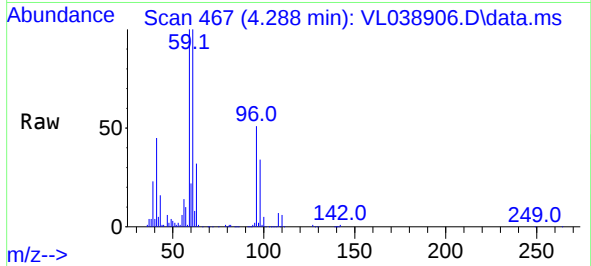
#17
tert-Butyl alcohol
Concen: 8.061 ppbv
RT: 4.288 min Scan# 467
Delta R.T. 0.006 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01

Tgt Ion: 59 Resp: 792699
Ion Ratio Lower Upper
59 100
57 10.8 8.5 12.7

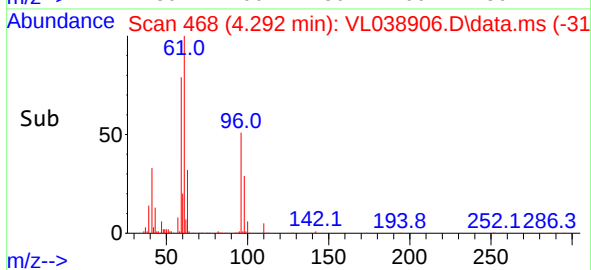
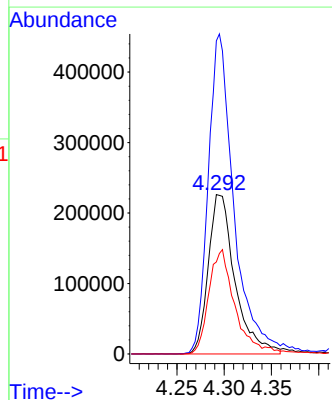
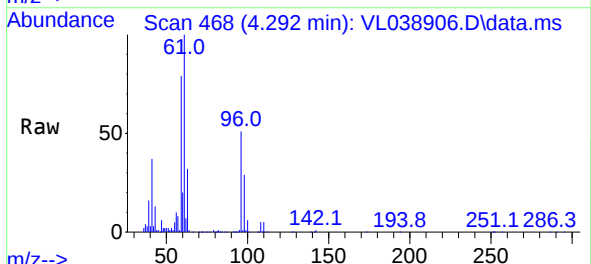
Manual Integrations
APPROVED

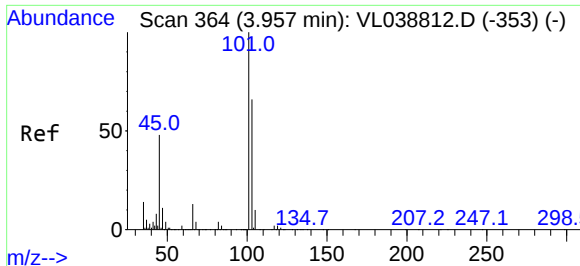
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#18
1,1-Dichloroethene
Concen: 10.129 ppbv
RT: 4.292 min Scan# 468
Delta R.T. 0.006 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

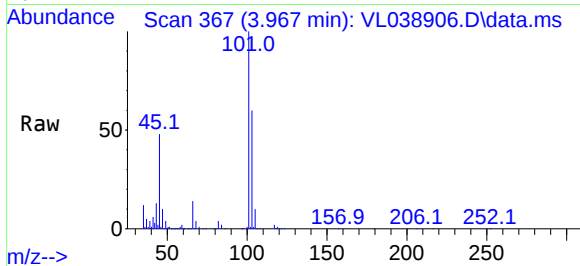
Tgt Ion: 96 Resp: 444045
Ion Ratio Lower Upper
96 100
61 196.2 156.1 234.1
98 57.7 53.0 79.6





#19
Isopropyl Alcohol
Concen: 9.733 ppbv
RT: 3.967 min Scan# 30
Delta R.T. 0.010 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

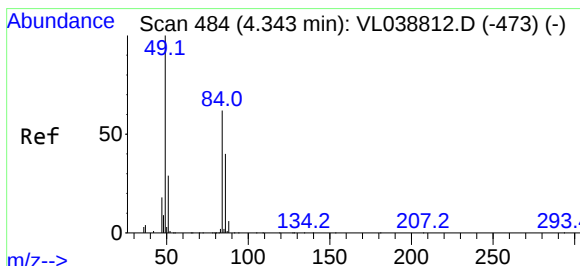
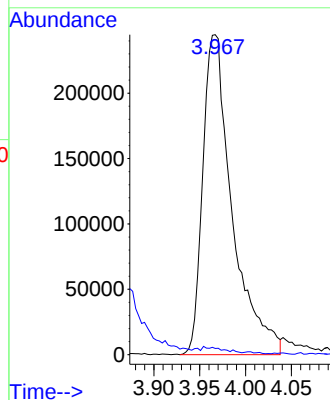
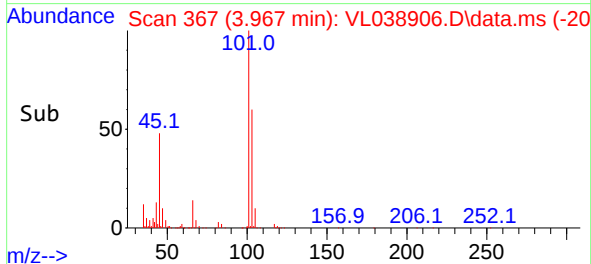
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



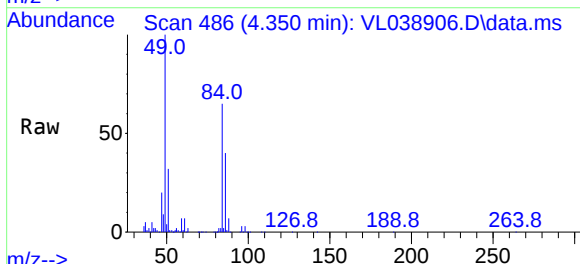
Tgt Ion: 45 Resp: 545480
Ion Ratio Lower Upper
45 100
58 2.9 0.0 0.0

Manual Integrations
APPROVED

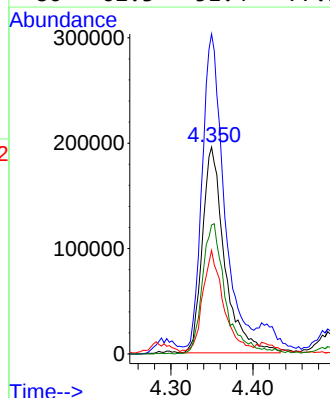
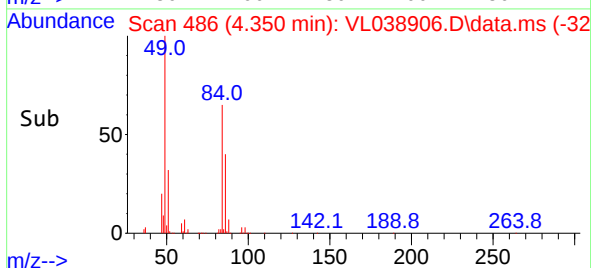
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

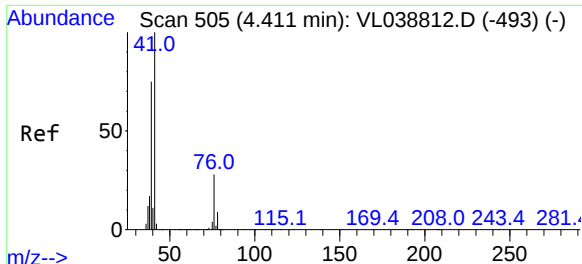


#20
Methylene Chloride
Concen: 9.289 ppbv
RT: 4.350 min Scan# 486
Delta R.T. 0.006 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17



Tgt Ion: 84 Resp: 369443
Ion Ratio Lower Upper
84 100
49 151.8 129.4 194.0
51 49.1 37.4 56.2
86 62.3 51.4 77.2





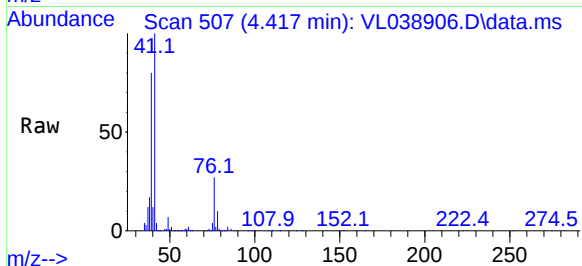
#21
 Allyl Chloride
 Concen: 9.047 ppbv
 RT: 4.417 min Scan# 505
 Delta R.T. 0.006 min
 Lab File: VL038906.D
 Acq: 13 Apr 2022 16:17

Instrument :

MSVOA_L

ClientSampleId :

VL0413ABS01

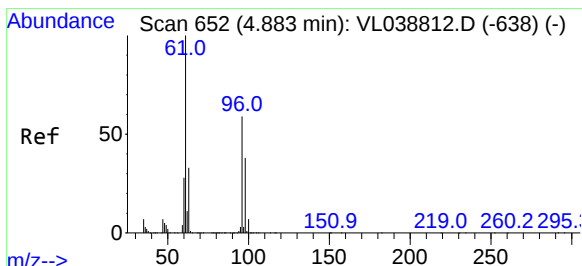
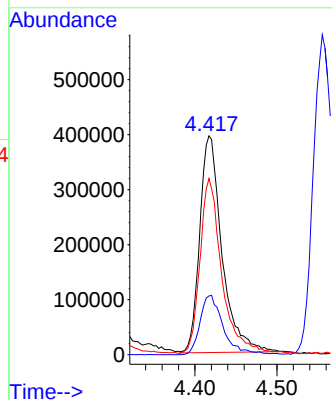
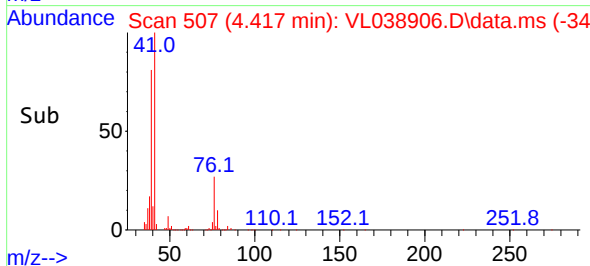


Tgt Ion: 41 Resp: 742793
 Ion Ratio Lower Upper
 41 100
 76 28.5 23.7 35.5
 39 79.8 62.0 93.0

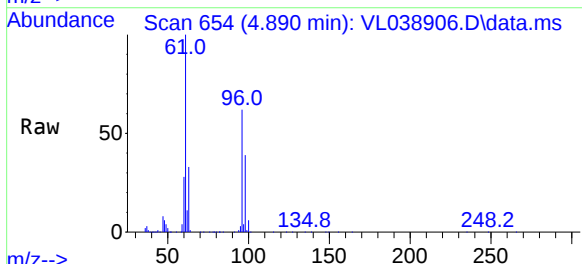
Manual Integrations

APPROVED

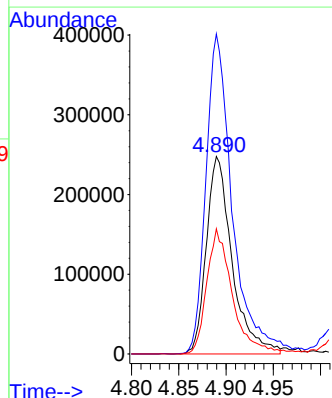
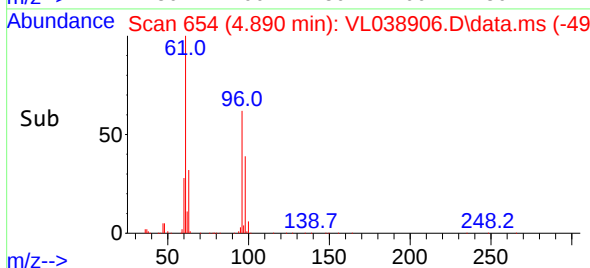
Reviewed By :Semsettin Yesilyurt 04/14/2022
 Supervised By :Mahesh Dadoda 04/18/2022

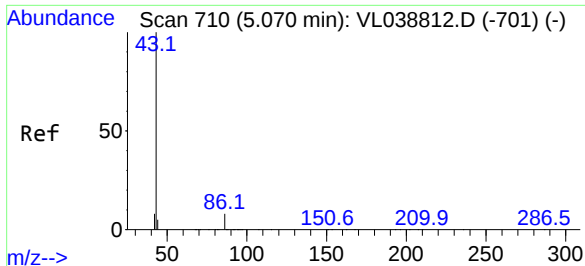


#22
 trans-1,2-Dichloroethene
 Concen: 10.626 ppbv
 RT: 4.890 min Scan# 654
 Delta R.T. 0.006 min
 Lab File: VL038906.D
 Acq: 13 Apr 2022 16:17



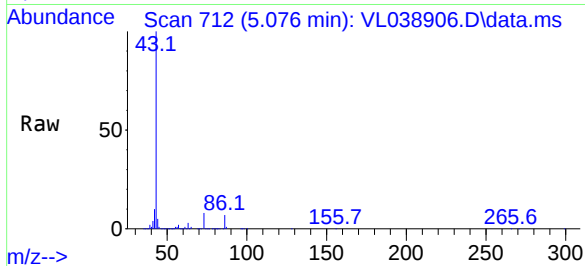
Tgt Ion: 96 Resp: 471633
 Ion Ratio Lower Upper
 96 100
 61 161.7 134.8 202.2
 98 63.4 51.9 77.9





#23
 Vinyl Acetate
 Concen: 9.217 ppbv
 RT: 5.076 min Scan# 710
 Delta R.T. 0.006 min
 Lab File: VL038906.D
 Acq: 13 Apr 2022 16:17

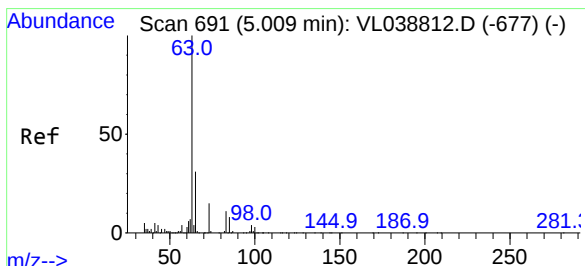
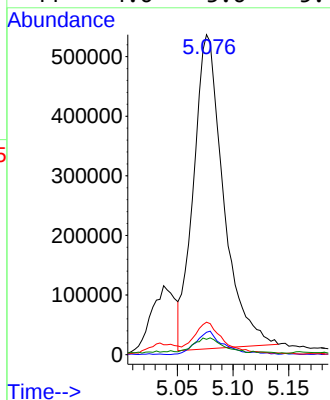
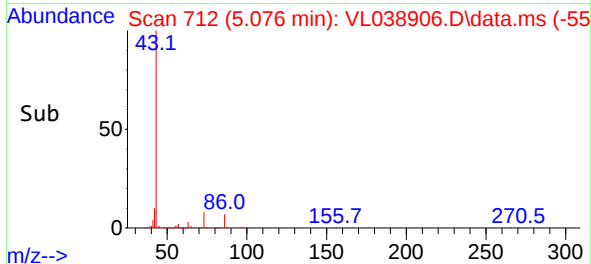
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0413ABS01



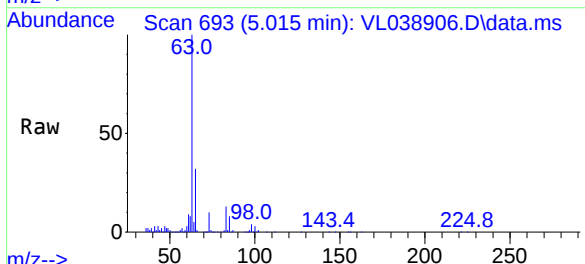
Tgt Ion: 43 Resp: 984252
 Ion Ratio Lower Upper
 43 100
 86 7.1 5.8 8.6
 42 9.9 7.8 11.6
 44 4.6 3.6 5.4

Manual Integrations
 APPROVED

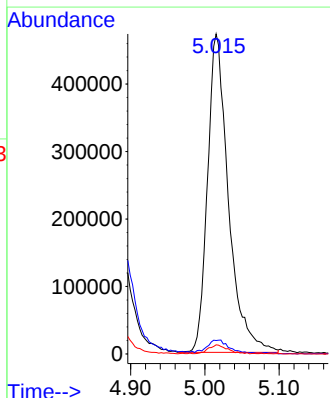
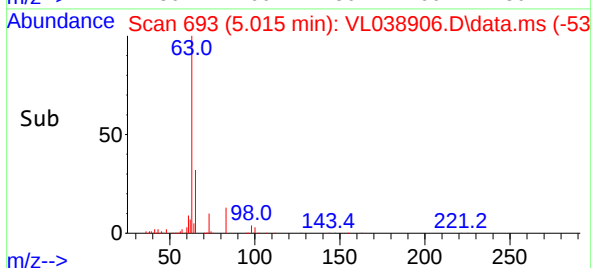
Reviewed By :Semsettin Yesilyurt 04/14/2022
 Supervised By :Mahesh Dadoda 04/18/2022

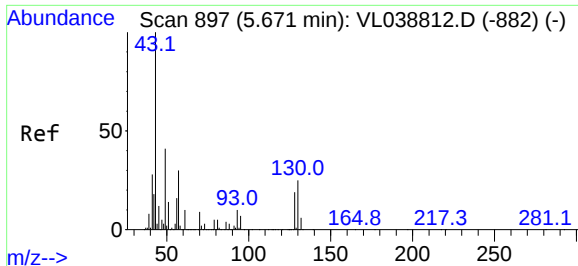


#24
 1,1-Dichloroethane
 Concen: 9.571 ppbv
 RT: 5.015 min Scan# 693
 Delta R.T. 0.006 min
 Lab File: VL038906.D
 Acq: 13 Apr 2022 16:17



Tgt Ion: 63 Resp: 923617
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.2 6.6
 100 2.8 1.4 4.0





#25
Ethyl Acetate
Concen: 9.171 ppbv
RT: 5.681 min Scan# 900
Delta R.T. 0.010 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

Instrument :

MSVOA_L

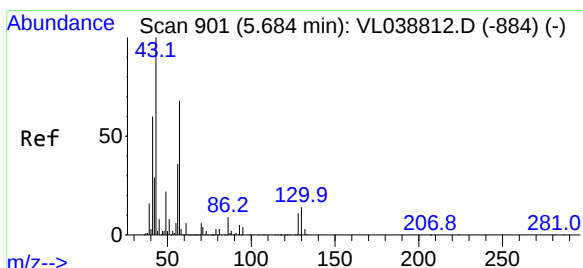
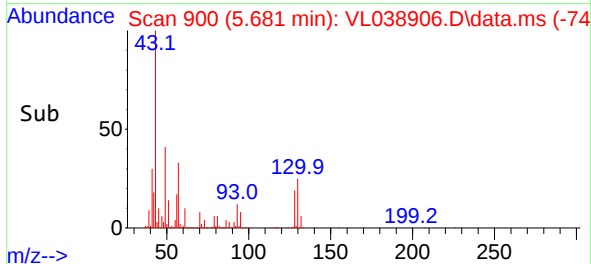
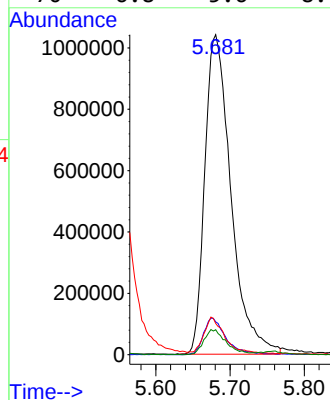
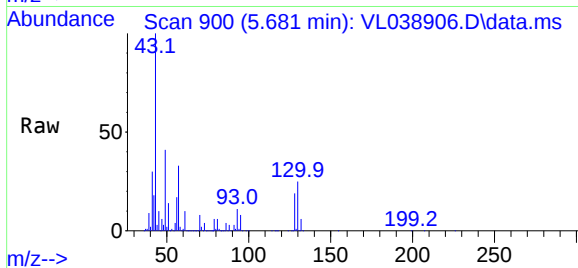
ClientSampleId :

VL0413ABS01

Tgt Ion: 43 Resp: 255191
Ion Ratio Lower Upper
43 100
45 10.1 8.4 12.6
61 9.9 7.9 11.9
70 6.8 5.6 8.4

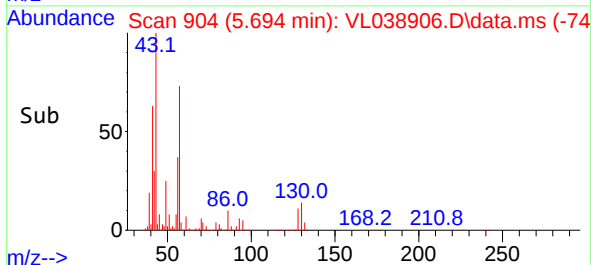
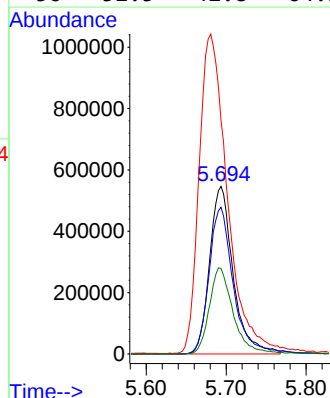
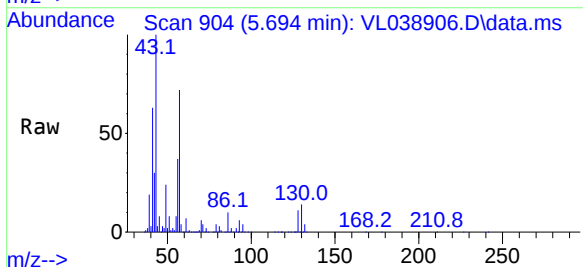
Manual Integrations
APPROVED

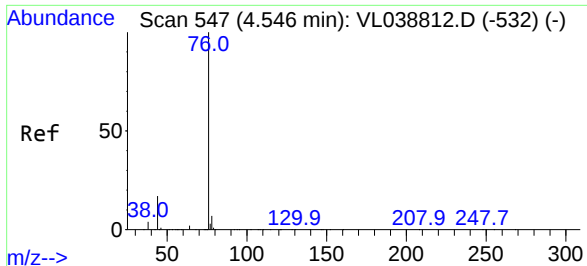
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#26
Hexane
Concen: 8.839 ppbv
RT: 5.694 min Scan# 904
Delta R.T. 0.010 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

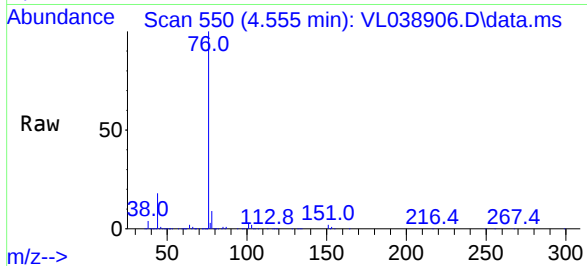
Tgt Ion: 57 Resp: 1119407
Ion Ratio Lower Upper
57 100
41 91.3 72.0 108.0
43 232.1 186.6 280.0
56 52.5 42.8 64.2





#27
Carbon Disulfide
Concen: 9.793 ppbv
RT: 4.555 min Scan# 511
Delta R.T. 0.010 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

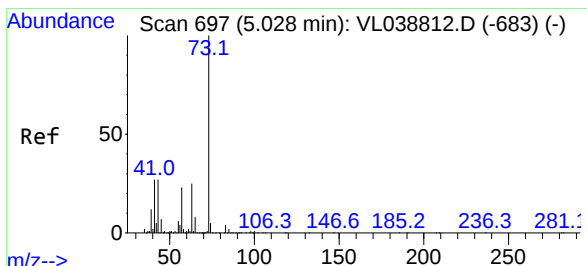
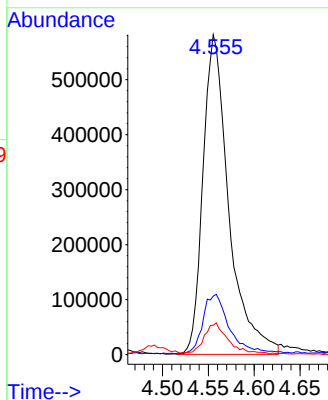
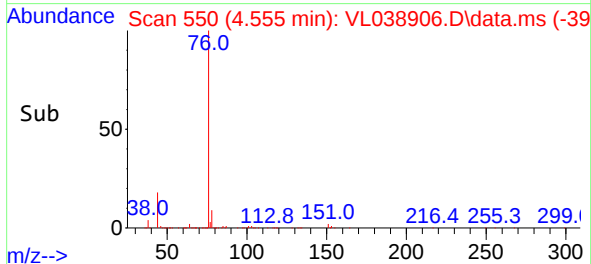
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



Tgt Ion: 76 Resp: 1137452
Ion Ratio Lower Upper
76 100
44 19.6 15.7 23.5
78 10.0 7.8 11.8

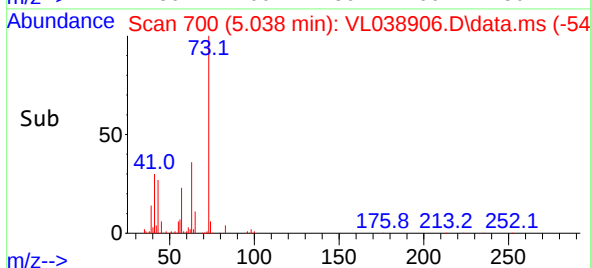
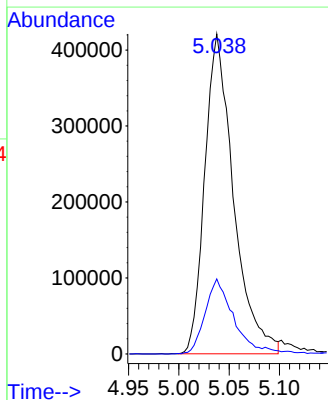
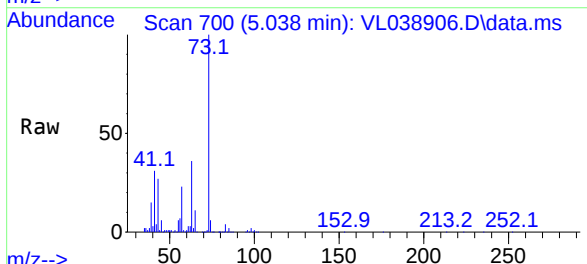
Manual Integrations
APPROVED

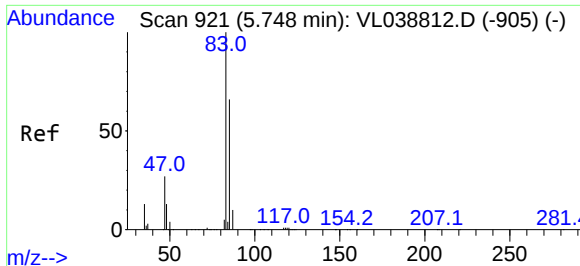
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#28
Methyl tert-Butyl Ether
Concen: 8.573 ppbv
RT: 5.038 min Scan# 700
Delta R.T. 0.010 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

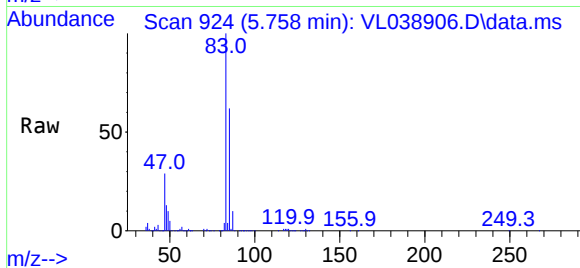
Tgt Ion: 73 Resp: 838572
Ion Ratio Lower Upper
73 100
57 24.1 19.7 29.5





#29
Chloroform
Concen: 10.388 ppbv
RT: 5.758 min Scan# 91
Delta R.T. 0.010 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

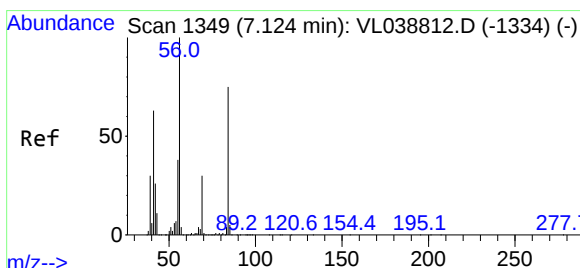
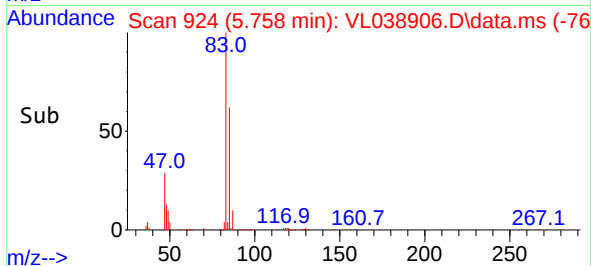
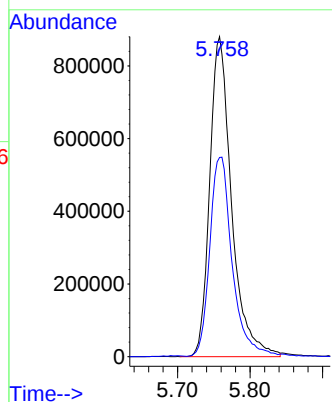
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



Tgt Ion: 83 Resp: 1840748
Ion Ratio Lower Upper
83 100
85 62.0 52.5 78.7

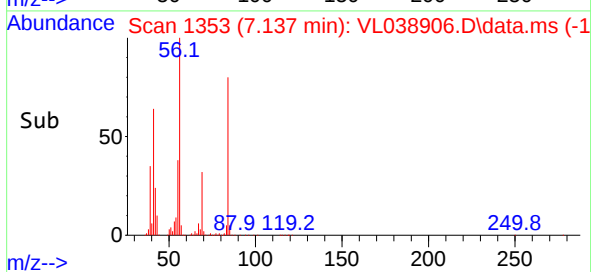
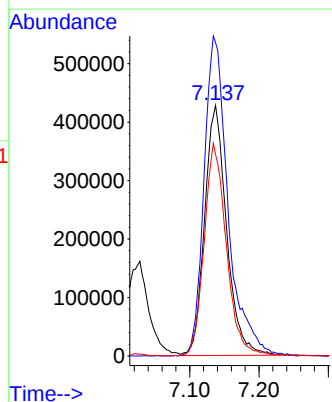
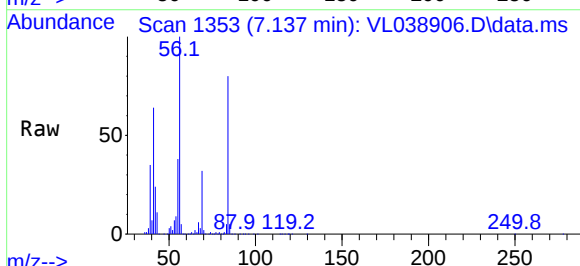
Manual Integrations
APPROVED

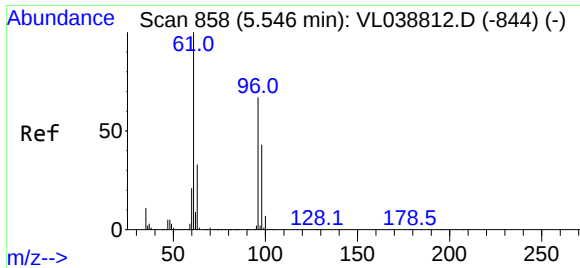
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#30
Cyclohexane
Concen: 8.468 ppbv
RT: 7.137 min Scan# 1353
Delta R.T. 0.013 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

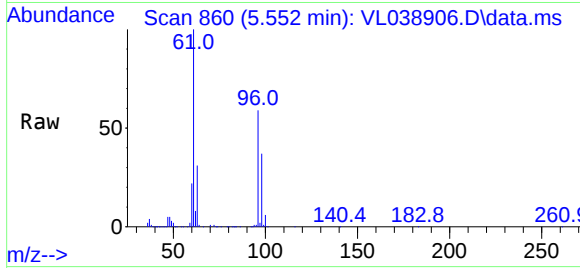
Tgt Ion: 84 Resp: 945187
Ion Ratio Lower Upper
84 100
56 139.9 114.4 171.6
41 86.1 69.0 103.4





#31
cis-1,2-Dichloroethene
Concen: 10.169 ppbv
RT: 5.552 min Scan# 80
Delta R.T. 0.006 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

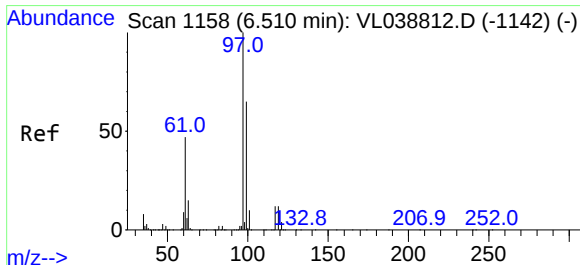
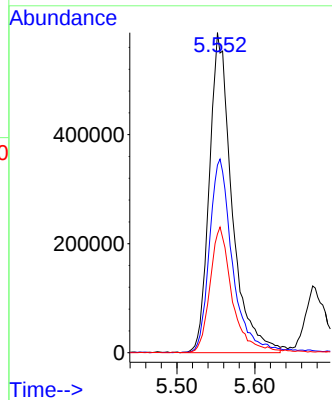
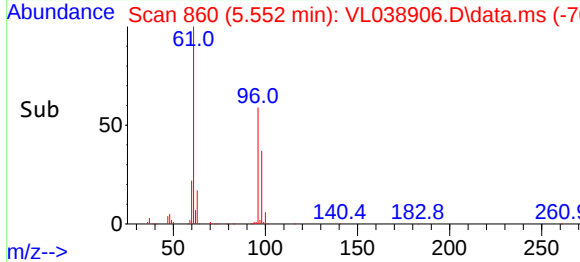
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



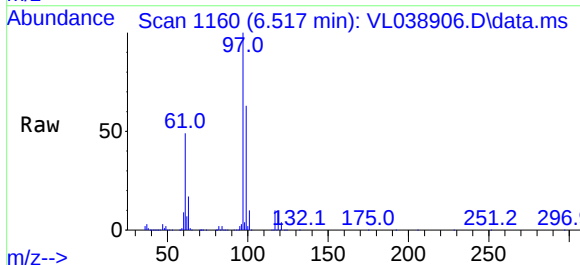
Tgt Ion: 61 Resp: 118416
Ion Ratio Lower Upper
61 100
96 58.6 53.4 80.0
98 37.0 34.2 51.4

Manual Integrations
APPROVED

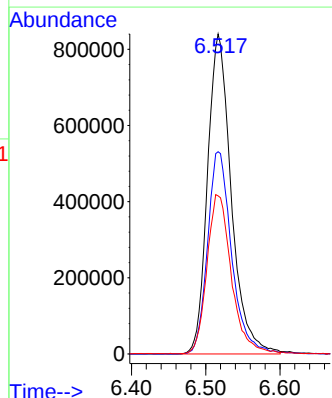
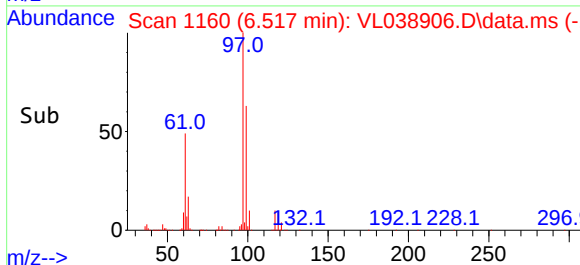
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

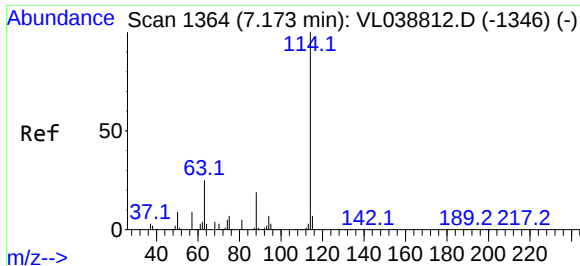


#32
1,1,1-Trichloroethane
Concen: 10.436 ppbv
RT: 6.517 min Scan# 1160
Delta R.T. 0.006 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17



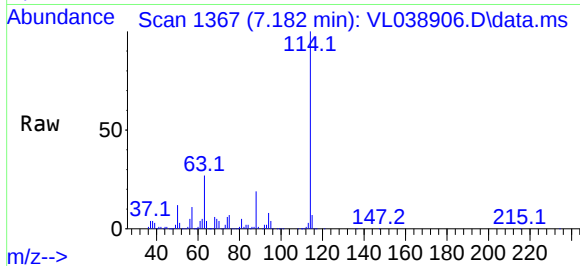
Tgt Ion: 97 Resp: 1863223
Ion Ratio Lower Upper
97 100
99 64.6 52.4 78.6
61 51.5 38.6 57.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.182 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

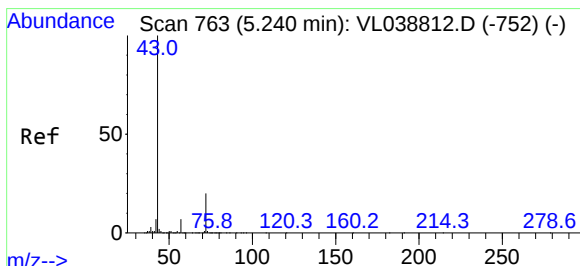
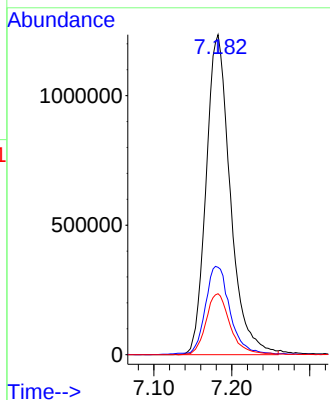
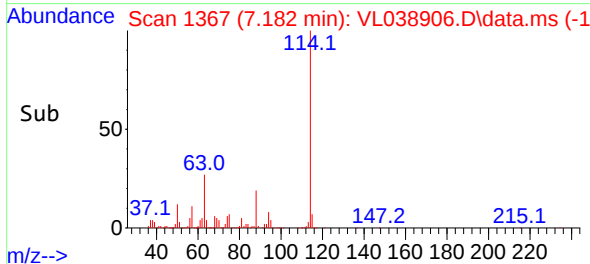
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



Tgt Ion:114 Resp: 2666860
Ion Ratio Lower Upper
114 100
63 28.7 19.8 29.8
88 19.2 14.2 21.4

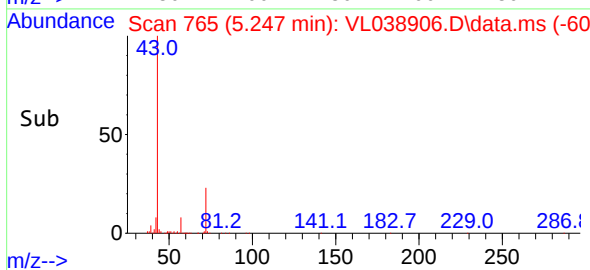
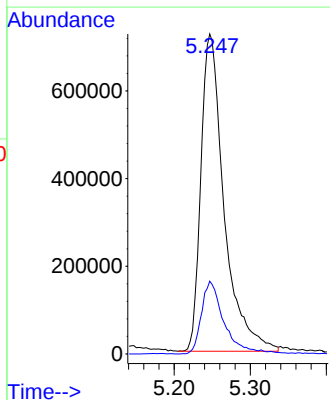
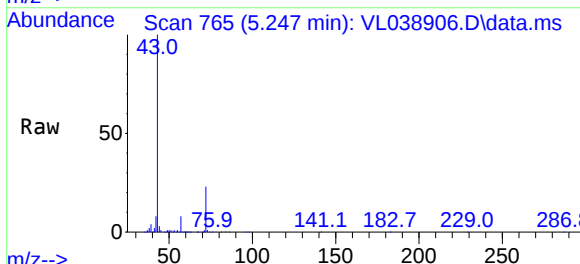
Manual Integrations
APPROVED

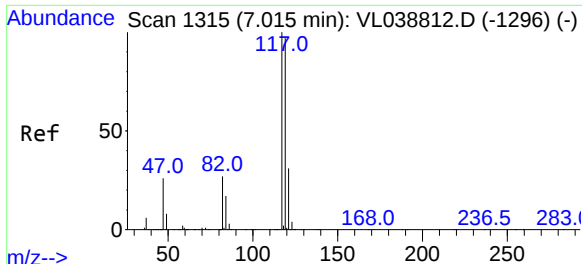
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#34
2-Butanone
Concen: 14.535 ppbv
RT: 5.247 min Scan# 765
Delta R.T. 0.006 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

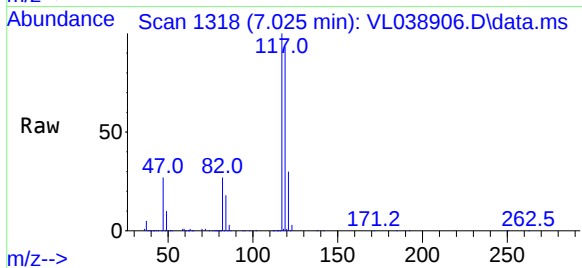
Tgt Ion: 43 Resp: 1531673
Ion Ratio Lower Upper
43 100
72 22.8 16.9 25.3





#35
Carbon Tetrachloride
Concen: 12.020 ppbv
RT: 7.025 min Scan# 11
Delta R.T. 0.010 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

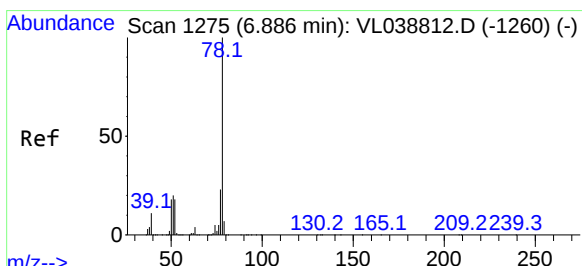
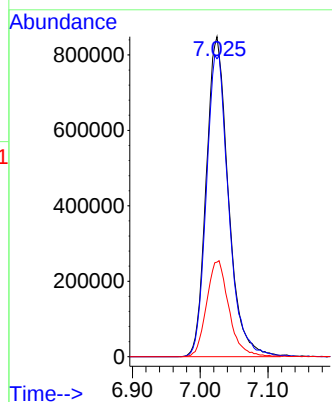
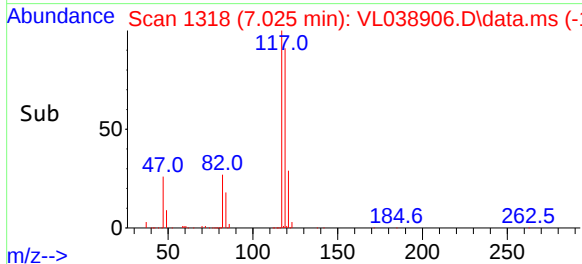
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



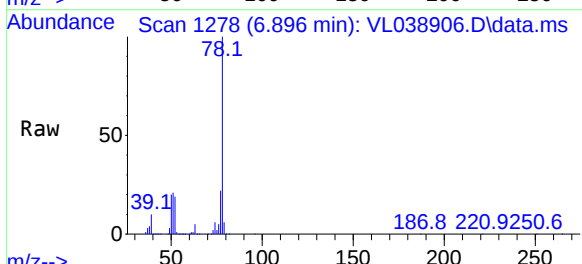
Tgt Ion: 117 Resp: 1921790
Ion Ratio Lower Upper
117 100
119 93.1 77.7 116.5
121 29.5 24.5 36.7

Manual Integrations
APPROVED

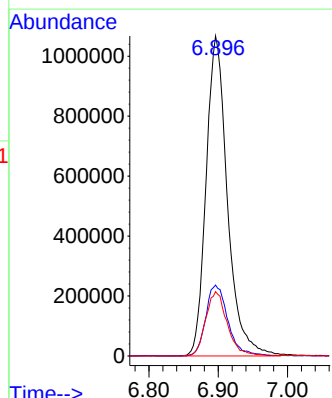
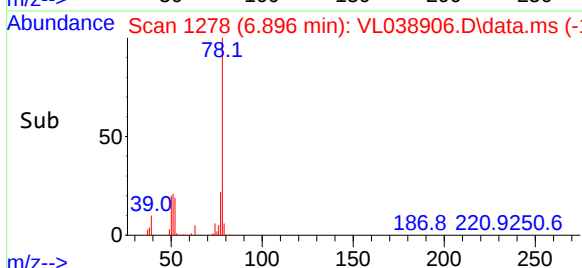
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

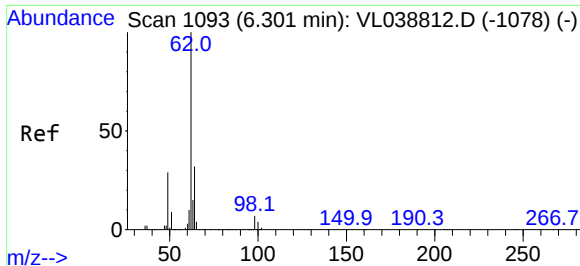


#36
Benzene
Concen: 9.389 ppbv
RT: 6.896 min Scan# 1278
Delta R.T. 0.010 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17



Tgt Ion: 78 Resp: 2277850
Ion Ratio Lower Upper
78 100
77 22.1 18.2 27.2
50 20.1 14.0 21.0





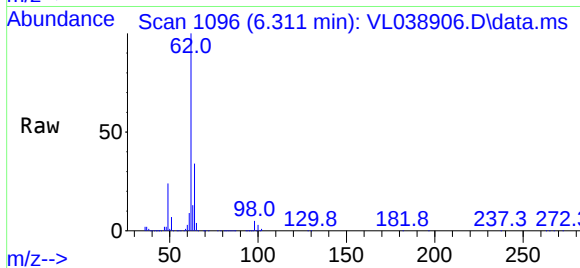
#37
1,2-Dichloroethane
Concen: 13.598 ppbv
RT: 6.311 min Scan# 1096
Delta R.T. 0.010 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

Instrument :

MSVOA_L

ClientSampleId :

VL0413ABS01

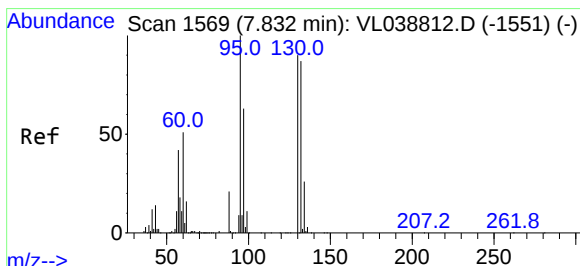
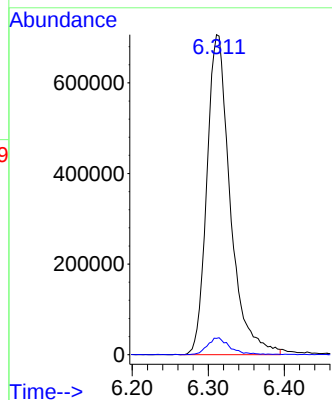
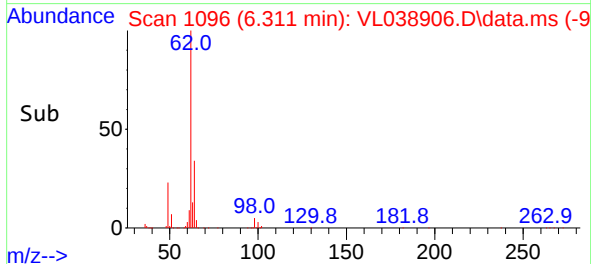


Tgt Ion: 62 Resp: 1508328
Ion Ratio Lower Upper
62 100
98 5.2 5.9 8.9

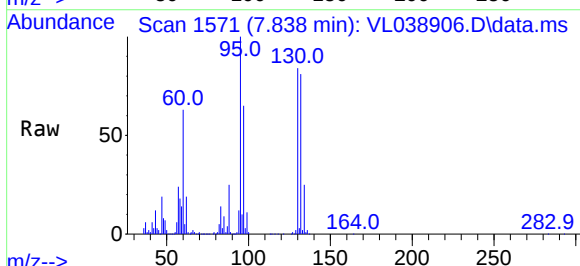
Manual Integrations

APPROVED

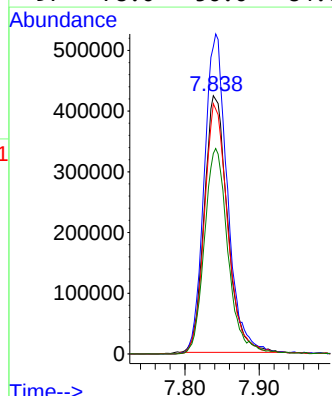
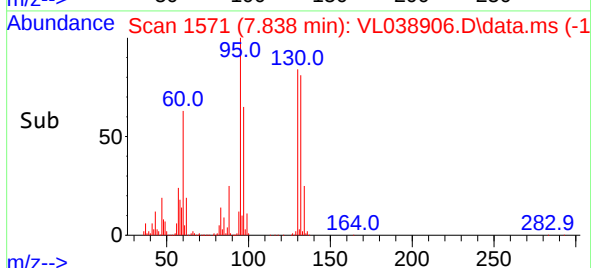
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

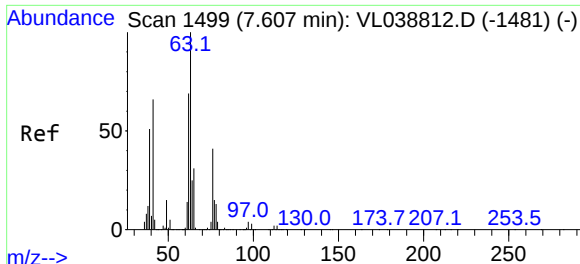


#38
Trichloroethene
Concen: 9.231 ppbv
RT: 7.838 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17



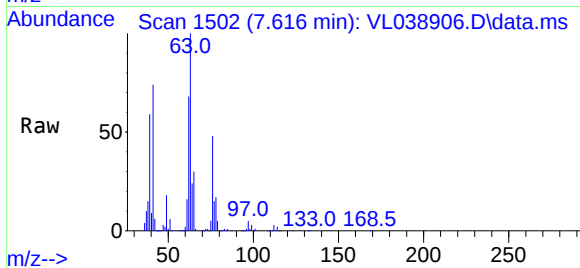
Tgt Ion:130 Resp: 918866
Ion Ratio Lower Upper
130 100
95 119.5 89.4 134.0
132 97.3 77.7 116.5
97 78.0 56.0 84.0





#39
1,2-Dichloropropane
Concen: 9.864 ppbv
RT: 7.616 min Scan# 1499
Delta R.T. 0.010 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

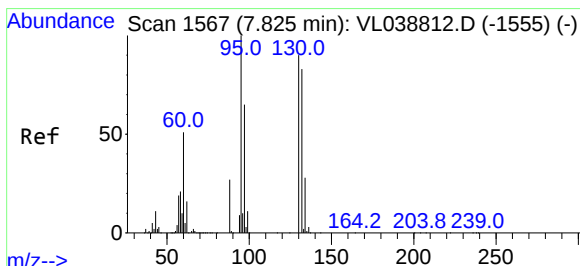
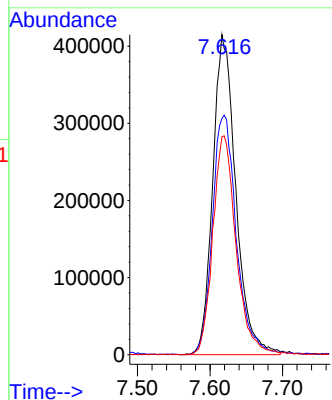
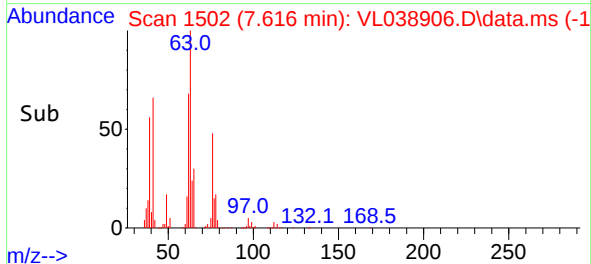
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



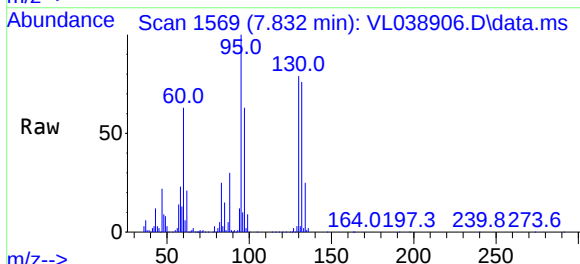
Tgt Ion: 63 Resp: 915290
Ion Ratio Lower Upper
63 100
41 73.7 53.0 79.6
62 68.1 55.0 82.4

Manual Integrations
APPROVED

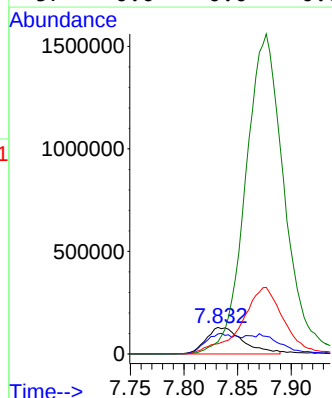
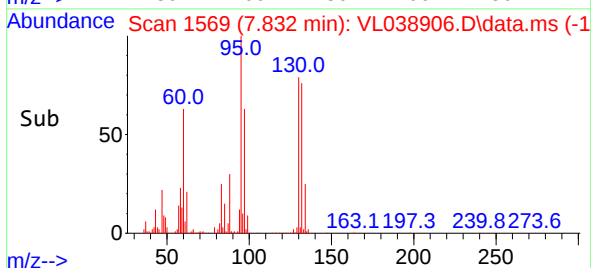
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

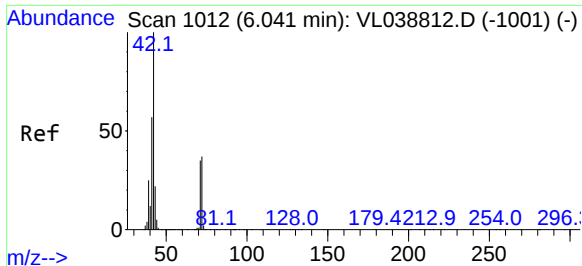


#40
1,4-Dioxane
Concen: 9.867 ppbv m
RT: 7.832 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17



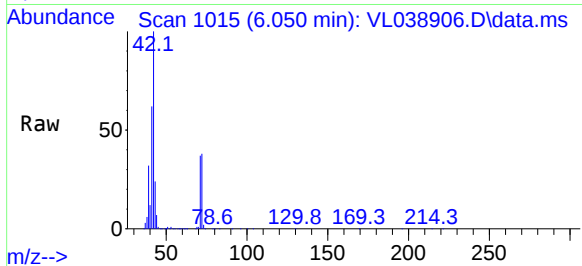
Tgt Ion: 88 Resp: 310908
Ion Ratio Lower Upper
88 100
58 137.9 49.4 74.0#
43 0.0 0.0 0.0
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 9.383 ppbv
RT: 6.050 min Scan# 1012
Delta R.T. 0.010 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

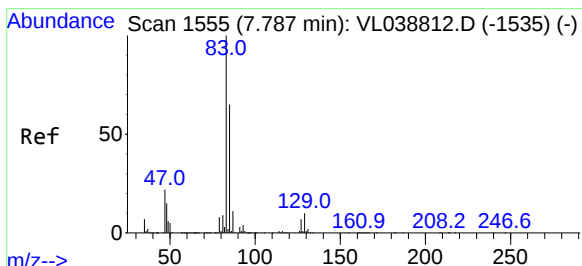
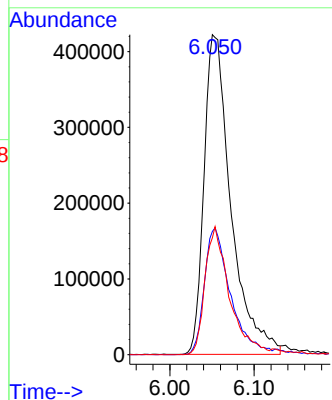
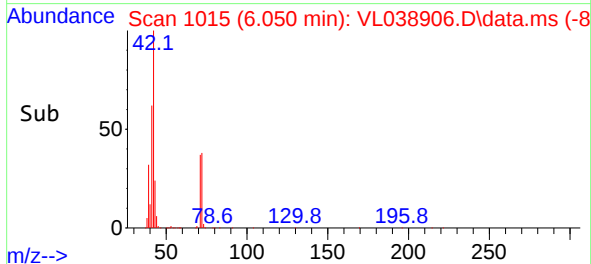
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



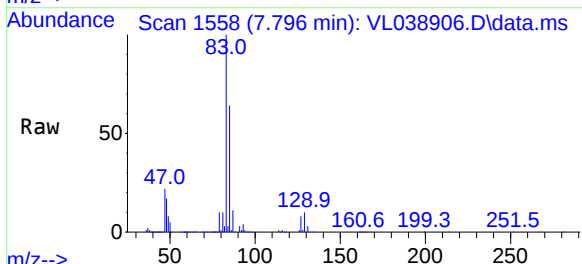
Tgt Ion: 42 Resp: 939114
Ion Ratio Lower Upper
42 100
72 39.7 31.4 47.0
71 38.0 30.2 45.4

Manual Integrations
APPROVED

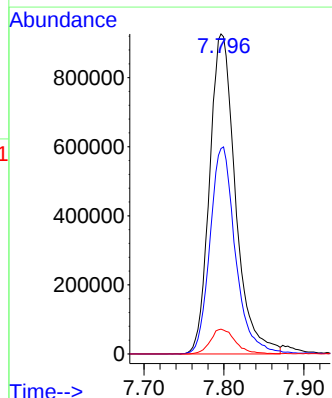
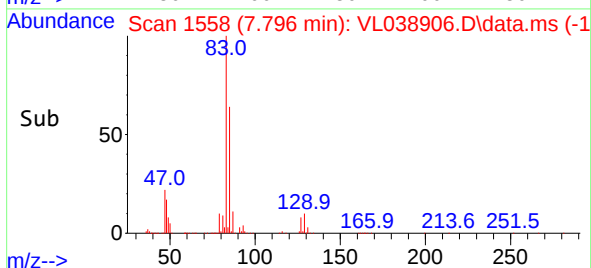
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

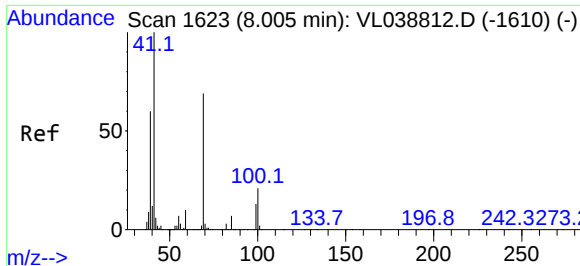


#42
Bromodichloromethane
Concen: 11.873 ppbv
RT: 7.796 min Scan# 1558
Delta R.T. 0.010 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17



Tgt Ion: 83 Resp: 2079633
Ion Ratio Lower Upper
83 100
85 64.2 51.7 77.5
127 7.8 5.9 8.9





#43

Methyl Methacrylate

Concen: 10.347 ppbv

RT: 8.018 min Scan# 1

Delta R.T. 0.013 min

Lab File: VL038906.D

Acq: 13 Apr 2022 16:17

Instrument :

MSVOA_L

ClientSampleId :

VL0413ABS01

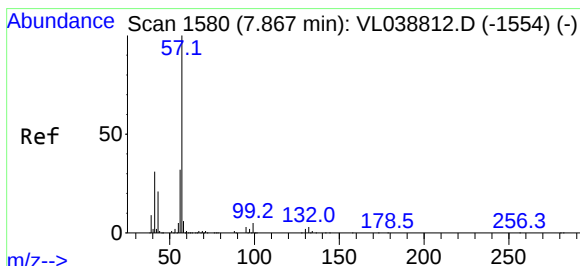
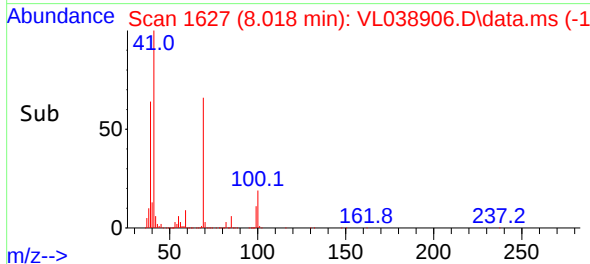
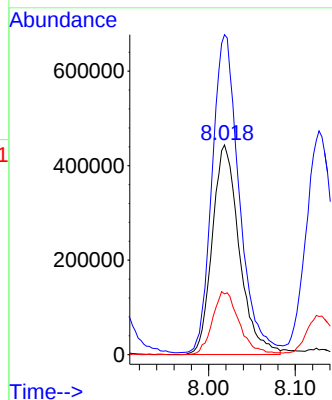
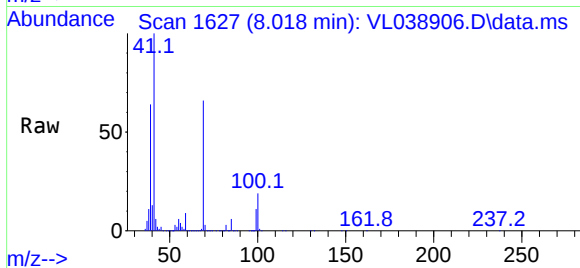
Tgt Ion: 69 Resp: 961480

Ion	Ratio	Lower	Upper
69	100		
41	154.1	119.0	178.4
100	30.1	26.4	39.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#44

2,2,4-Trimethylpentane

Concen: 9.585 ppbv

RT: 7.877 min Scan# 1583

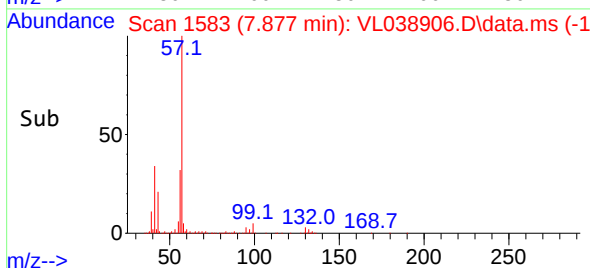
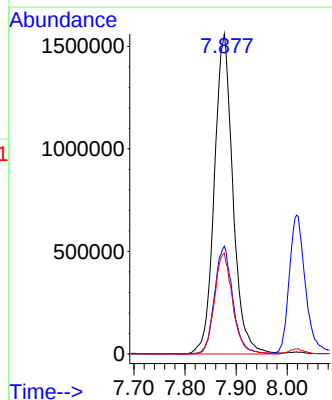
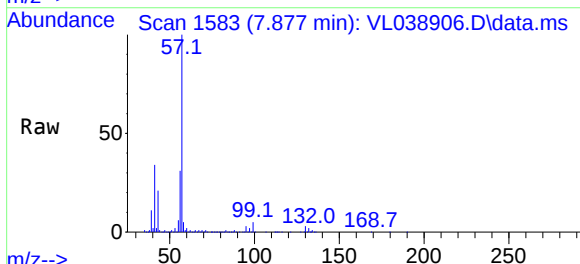
Delta R.T. 0.010 min

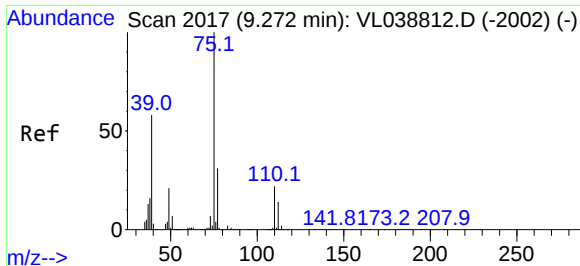
Lab File: VL038906.D

Acq: 13 Apr 2022 16:17

Tgt Ion: 57 Resp: 3937191

Ion	Ratio	Lower	Upper
57	100		
41	33.0	25.0	37.4
56	30.8	25.3	37.9





#45
t-1,3-Dichloropropene
Concen: 10.898 ppbv
RT: 9.282 min Scan# 2017
Delta R.T. 0.010 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

Instrument :

MSVOA_L

ClientSampleId :

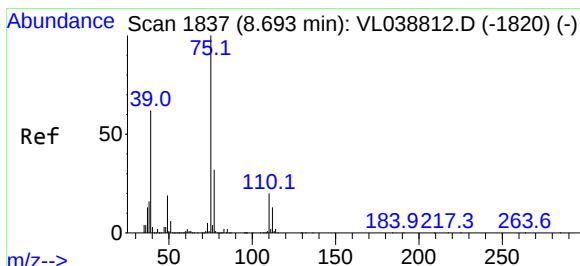
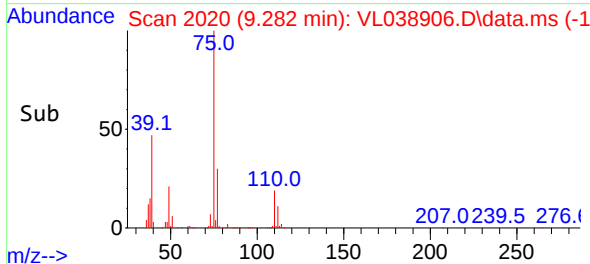
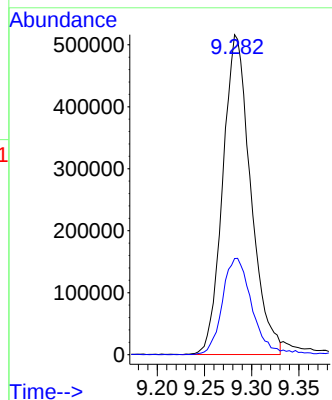
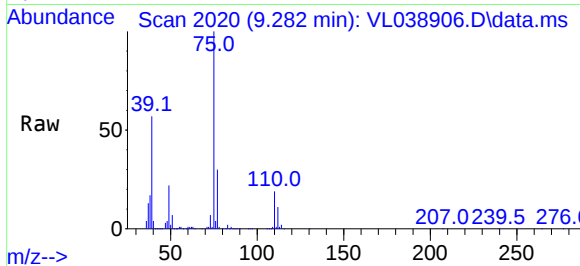
VL0413ABS01

Tgt Ion: 75 Resp: 1058890
Ion Ratio Lower Upper
75 100
77 30.0 25.0 37.4

Manual Integrations

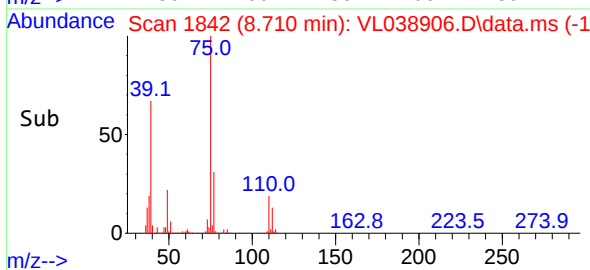
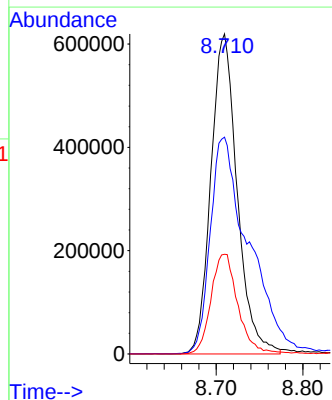
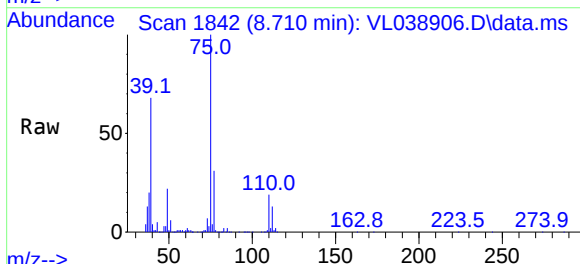
APPROVED

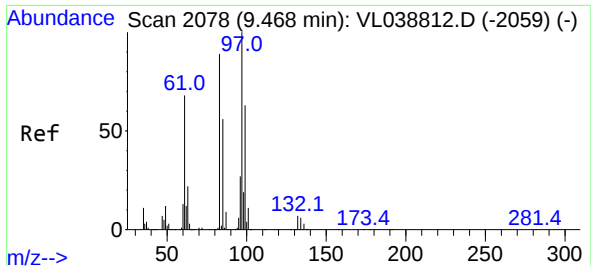
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#46
cis-1,3-Dichloropropene
Concen: 10.204 ppbv
RT: 8.710 min Scan# 1842
Delta R.T. 0.016 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

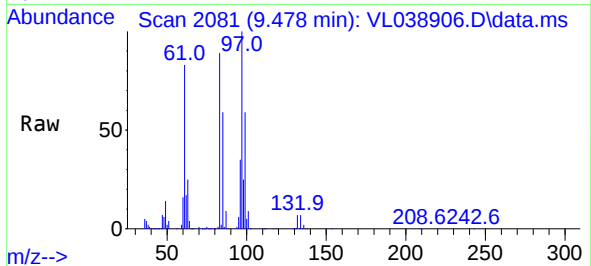
Tgt Ion: 75 Resp: 1307138
Ion Ratio Lower Upper
75 100
39 67.6 49.7 74.5
77 31.2 25.6 38.4





#47
1,1,2-Trichloroethane
Concen: 9.813 ppbv
RT: 9.478 min Scan# 2078
Delta R.T. 0.010 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

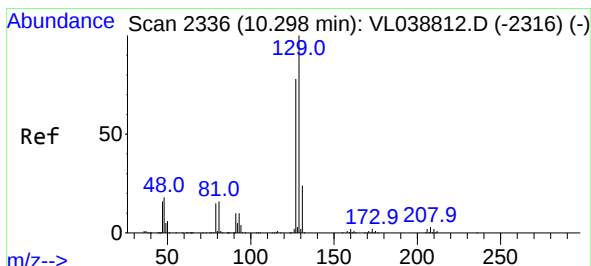
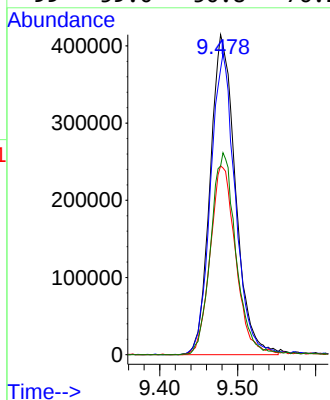
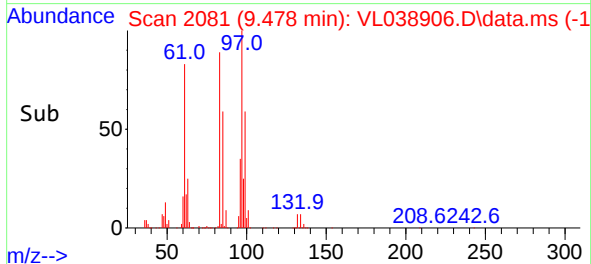
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



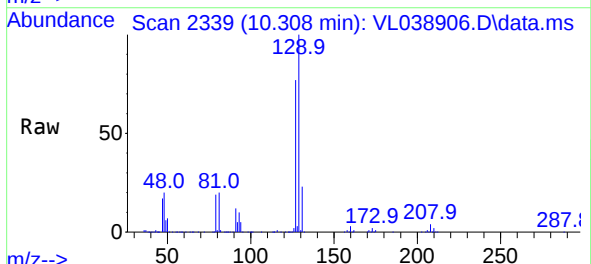
Tgt Ion: 97 Resp: 933058
Ion Ratio Lower Upper
97 100
83 89.2 71.1 106.7
85 59.0 45.1 67.7
99 59.0 50.8 76.2

Manual Integrations
APPROVED

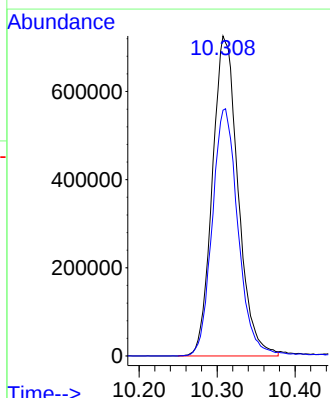
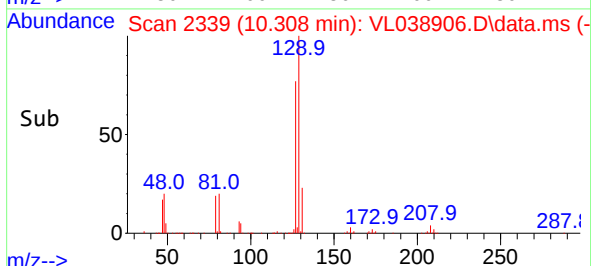
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

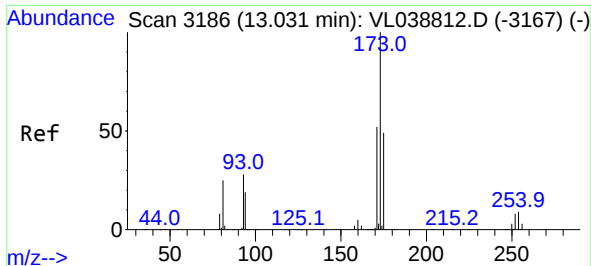


#48
Dibromochloromethane
Concen: 11.179 ppbv
RT: 10.308 min Scan# 2339
Delta R.T. 0.010 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17



Tgt Ion:129 Resp: 1665983
Ion Ratio Lower Upper
129 100
127 78.4 38.9 116.6





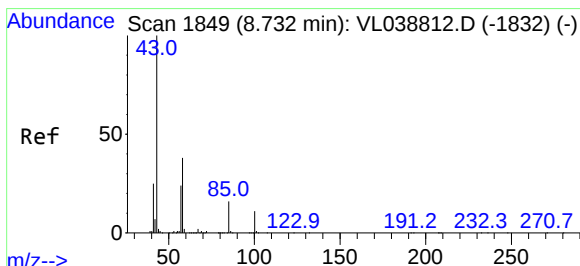
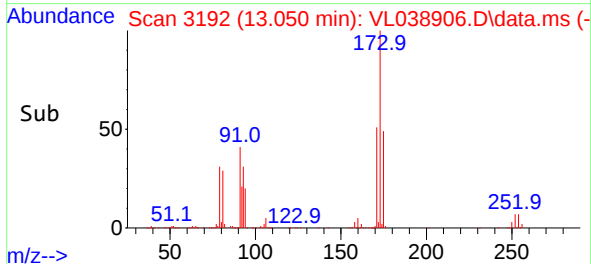
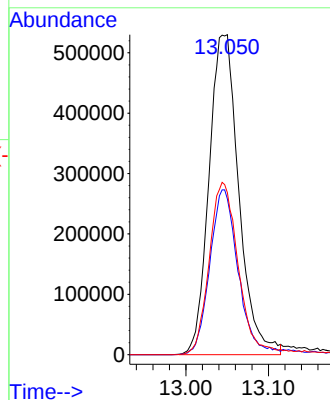
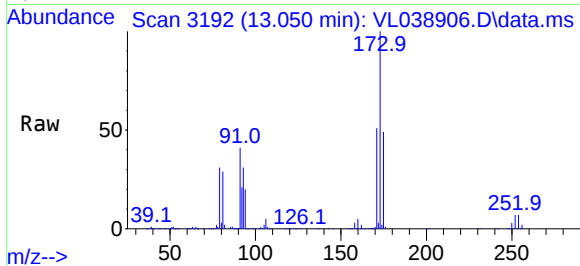
#49
Bromoform
Concen: 11.272 ppbv m
RT: 13.050 min Scan# 3186
Delta R.T. 0.019 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01

Tgt Ion:173 Resp: 1330520
Ion Ratio Lower Upper
173 100
175 0.0 39.9 59.9
171 0.0 43.4 65.0

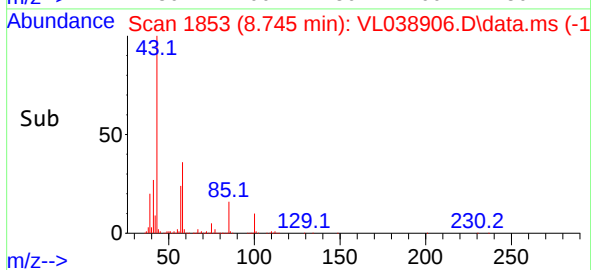
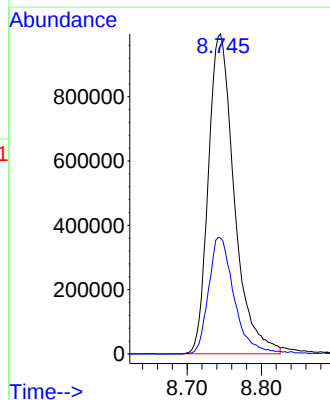
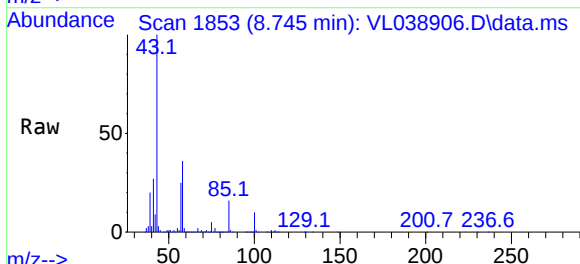
Manual Integrations
APPROVED

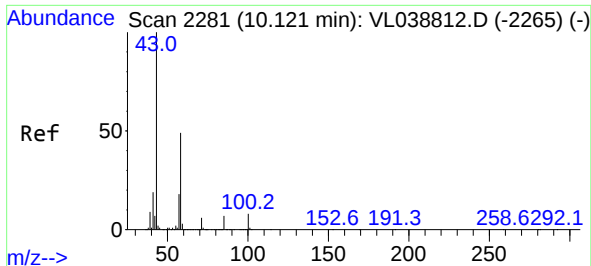
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022



#50
4-Methyl-2-Pentanone
Concen: 10.176 ppbv
RT: 8.745 min Scan# 1853
Delta R.T. 0.013 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

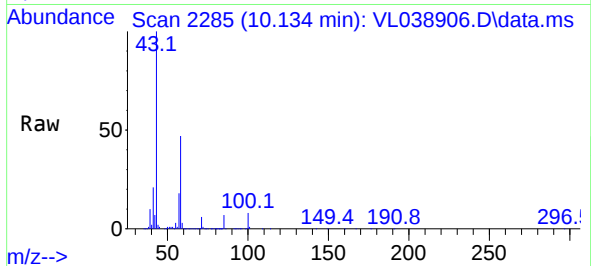
Tgt Ion: 43 Resp: 2411946
Ion Ratio Lower Upper
43 100
58 36.4 29.0 43.6





#51
2-Hexanone
Concen: 10.742 ppbv
RT: 10.134 min Scan# 21
Delta R.T. 0.013 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

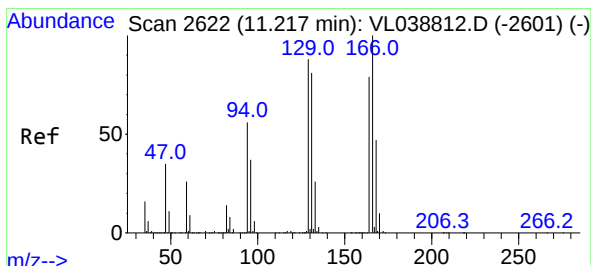
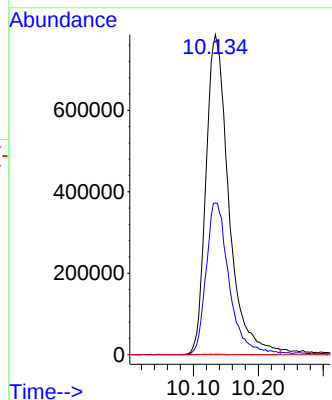
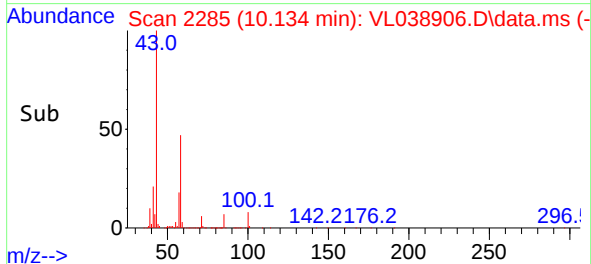
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



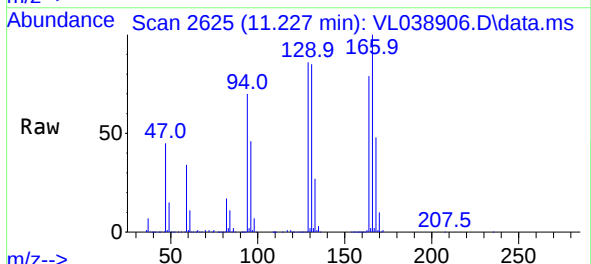
Tgt Ion: 43 Resp: 1918564
Ion Ratio Lower Upper
43 100
58 48.3 41.4 62.0
98 0.2 0.1 0.1

Manual Integrations
APPROVED

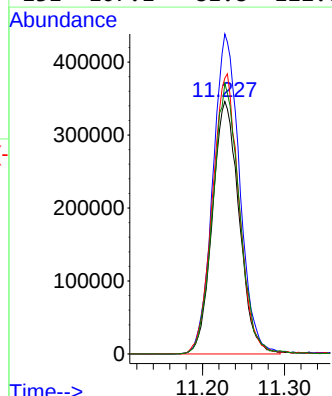
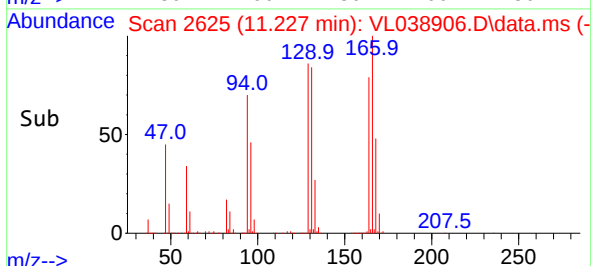
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

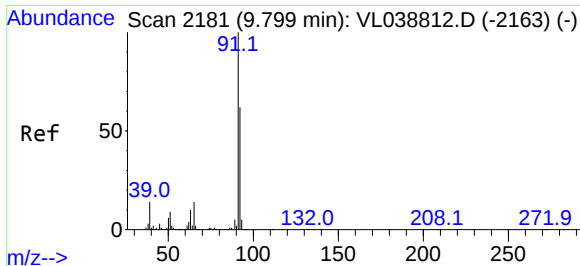


#52
Tetrachloroethene
Concen: 9.245 ppbv
RT: 11.227 min Scan# 2625
Delta R.T. 0.010 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17



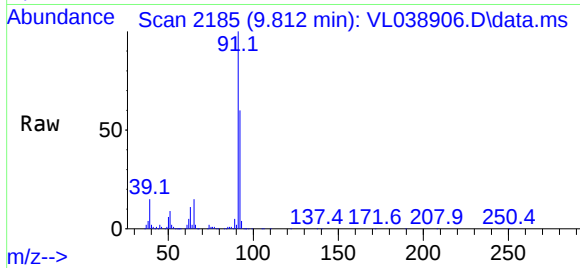
Tgt Ion:164 Resp: 783441
Ion Ratio Lower Upper
164 100
166 126.6 101.0 151.6
129 109.1 88.7 133.1
131 107.1 81.8 122.6





#53
Toluene
Concen: 9.382 ppbv
RT: 9.812 min Scan# 2181
Delta R.T. 0.013 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

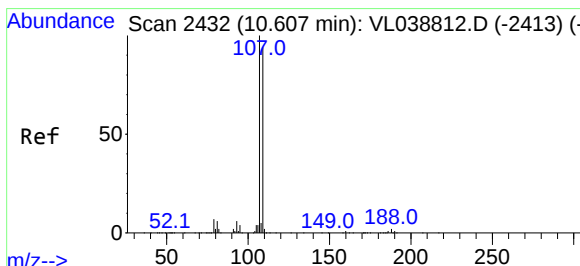
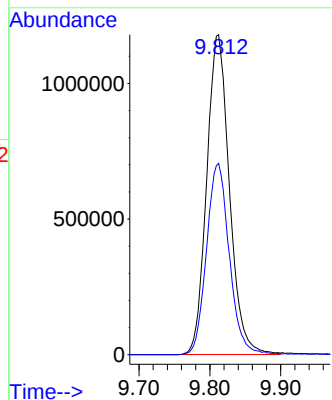
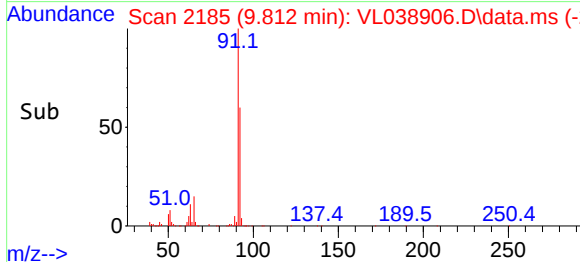
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



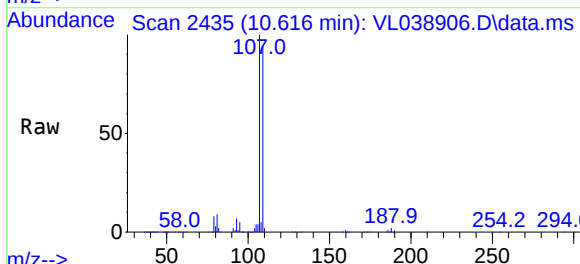
Tgt Ion: 91 Resp: 262755
Ion Ratio Lower Upper
91 100
92 60.4 49.2 73.8

Manual Integrations
APPROVED

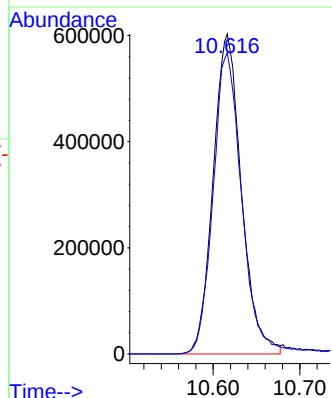
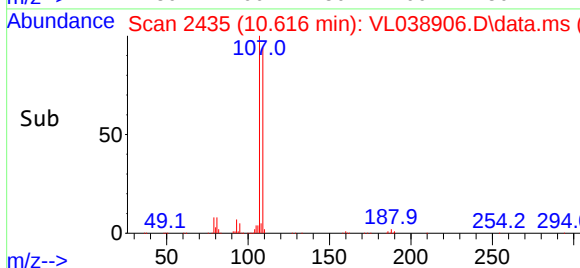
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

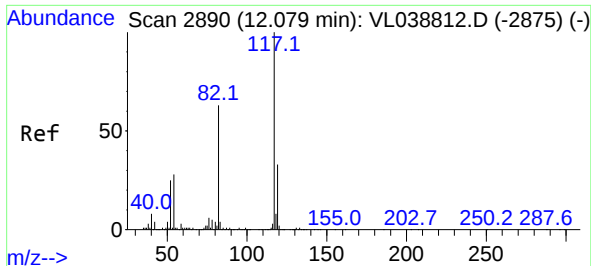


#54
1,2-Dibromoethane
Concen: 10.347 ppbv
RT: 10.616 min Scan# 2435
Delta R.T. 0.010 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17



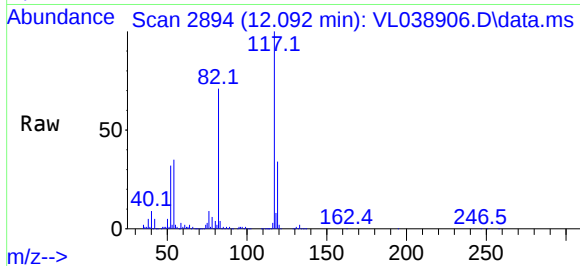
Tgt Ion:107 Resp: 1366602
Ion Ratio Lower Upper
107 100
109 94.0 75.5 113.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.092 min Scan# 2894
Delta R.T. 0.013 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

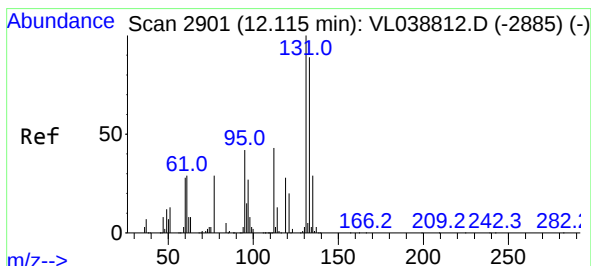
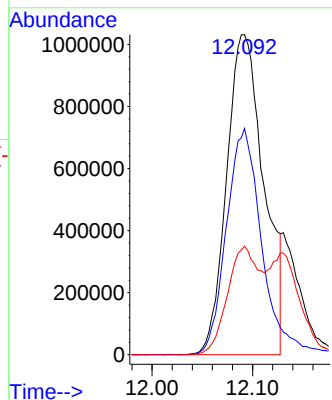
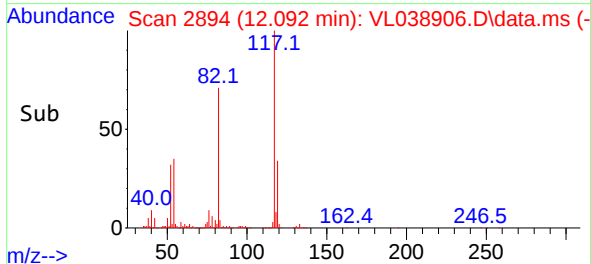
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



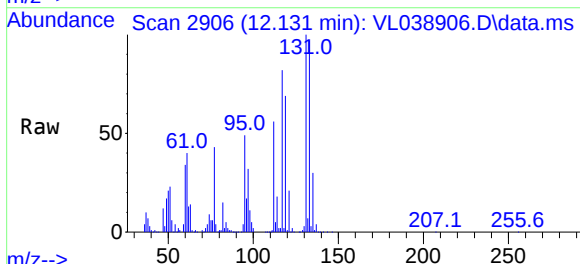
Tgt Ion:117 Resp: 266938
Ion Ratio Lower Upper
117 100
82 68.1 53.0 79.6
119 31.2 24.9 37.3

Manual Integrations
APPROVED

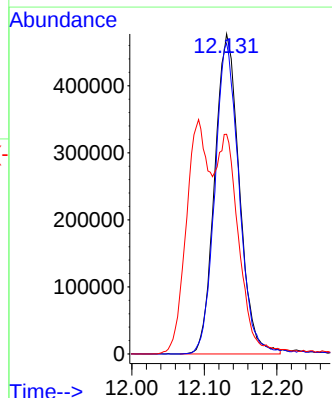
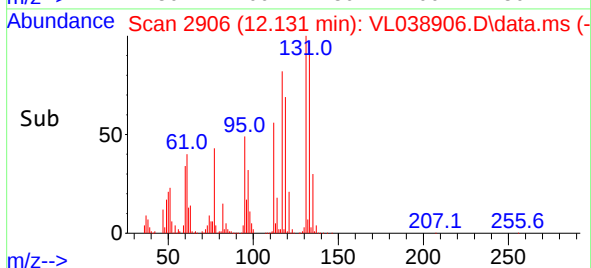
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

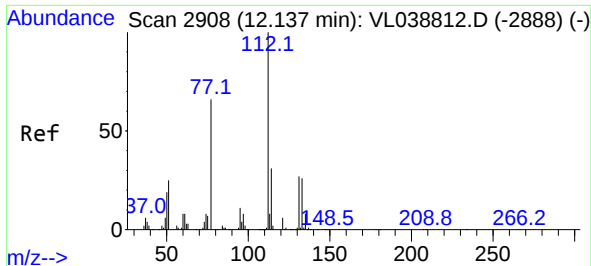


#56
1,1,1,2-Tetrachloroethane
Concen: 9.612 ppbv
RT: 12.131 min Scan# 2906
Delta R.T. 0.016 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17



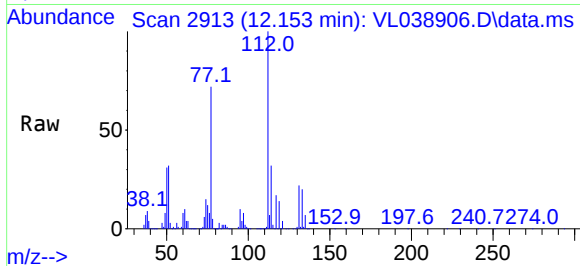
Tgt Ion:131 Resp: 1124450
Ion Ratio Lower Upper
131 100
133 97.2 78.2 117.4
119 67.9 58.6 87.8





#57
Chlorobenzene
Concen: 8.639 ppbv
RT: 12.153 min Scan# 2908
Delta R.T. 0.016 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

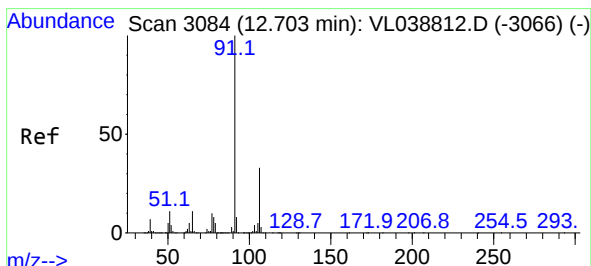
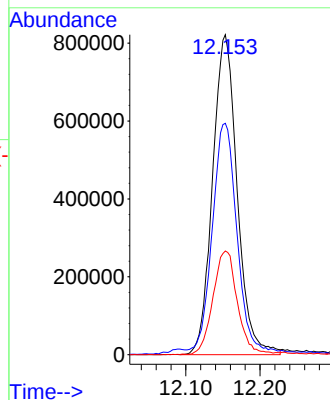
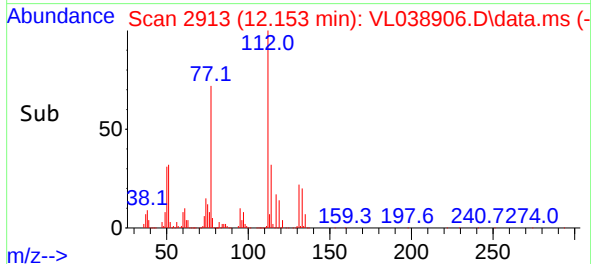
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



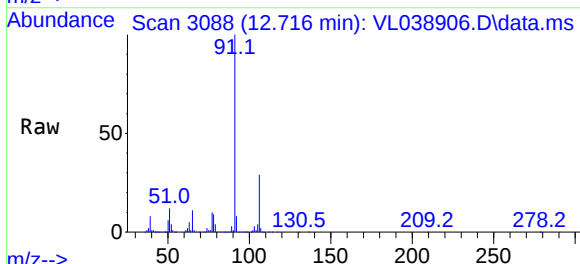
Tgt Ion:112 Resp: 188861
Ion Ratio Lower Upper
112 100
77 71.1 52.4 78.6
114 32.3 28.1 34.3

Manual Integrations
APPROVED

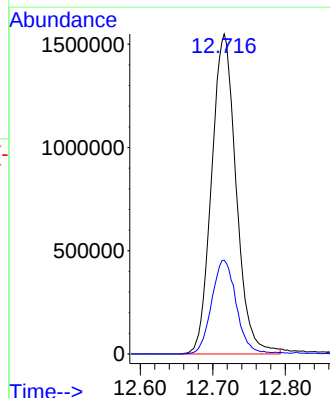
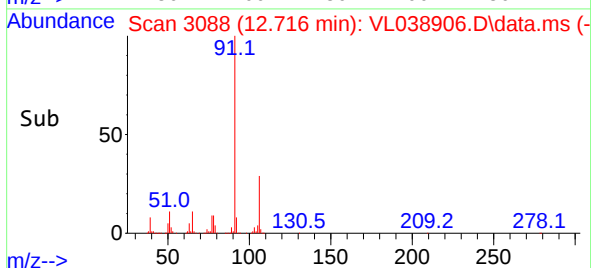
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

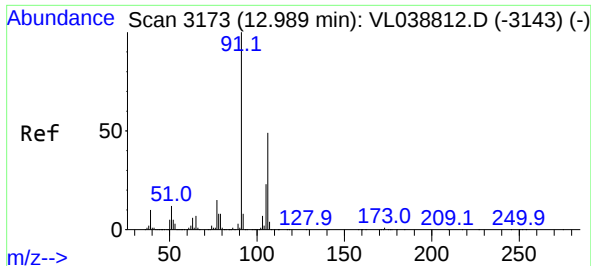


#58
Ethyl Benzene
Concen: 9.154 ppbv
RT: 12.716 min Scan# 3088
Delta R.T. 0.013 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17



Tgt Ion: 91 Resp: 3651384
Ion Ratio Lower Upper
91 100
106 29.3 26.7 40.1





#59

m/p-Xylene

Concen: 18.582 ppbv m

RT: 13.002 min Scan# 3173

Delta R.T. 0.013 min

Lab File: VL038906.D

Acq: 13 Apr 2022 16:17

Instrument :

MSVOA_L

ClientSampleId :

VL0413ABS01

Tgt Ion: 91 Resp: 622699

Ion Ratio Lower Upper

91 100

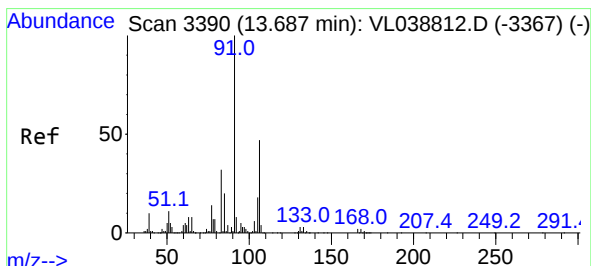
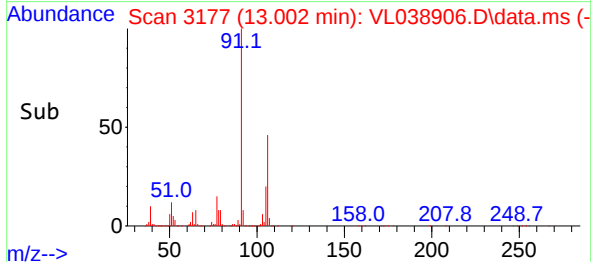
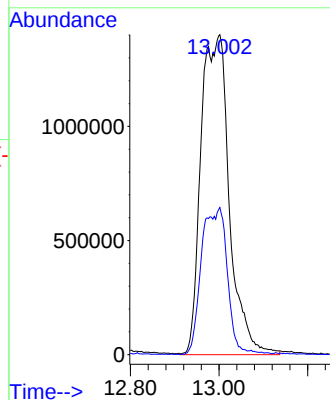
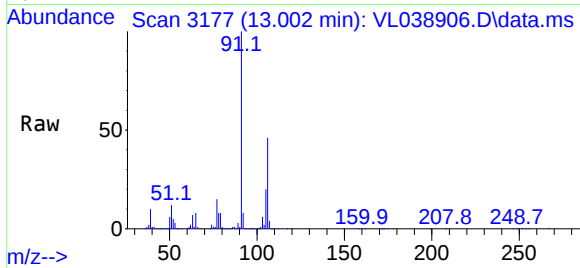
106 42.3 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2022

Supervised By :Mahesh Dadoda 04/18/2022



#60

o-Xylene

Concen: 9.323 ppbv

RT: 13.700 min Scan# 3394

Delta R.T. 0.013 min

Lab File: VL038906.D

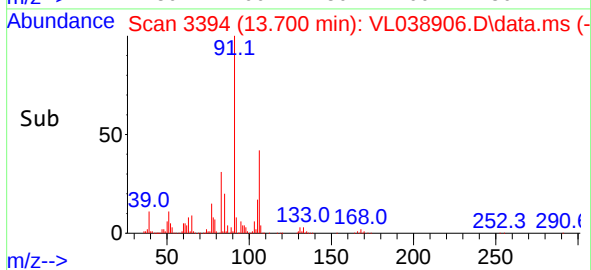
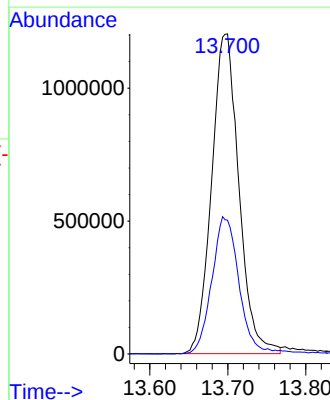
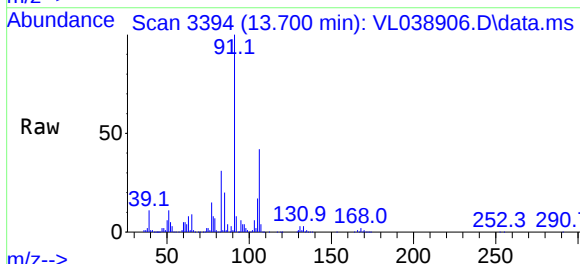
Acq: 13 Apr 2022 16:17

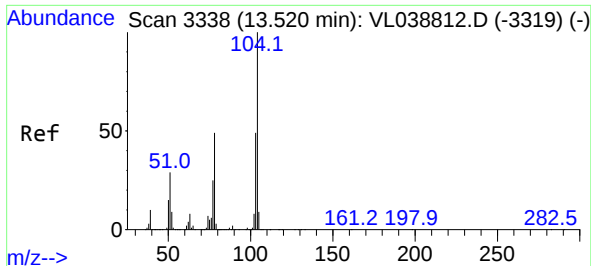
Tgt Ion: 91 Resp: 2923629

Ion Ratio Lower Upper

91 100

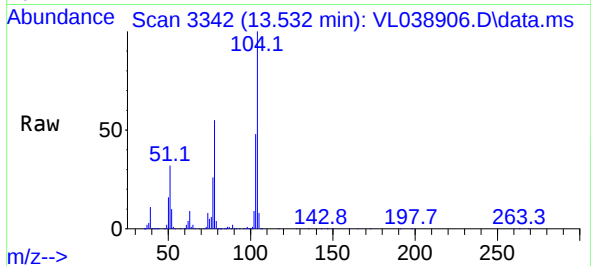
106 43.6 23.8 71.4





#61
Styrene
Concen: 8.771 ppbv
RT: 13.532 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

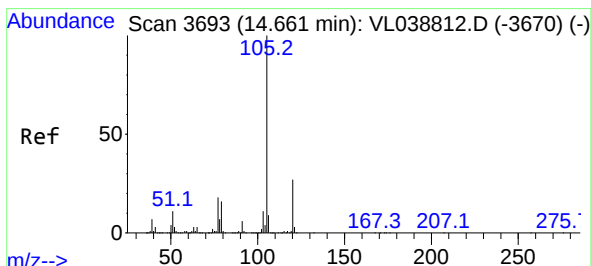
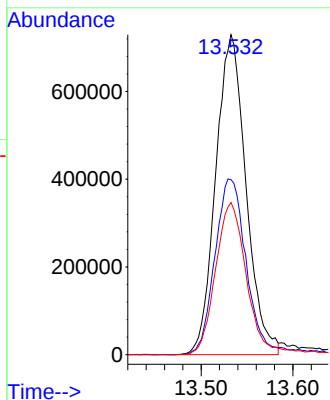
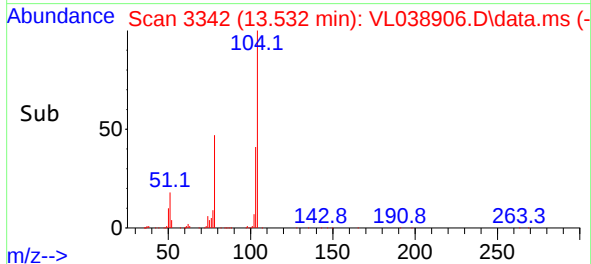
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



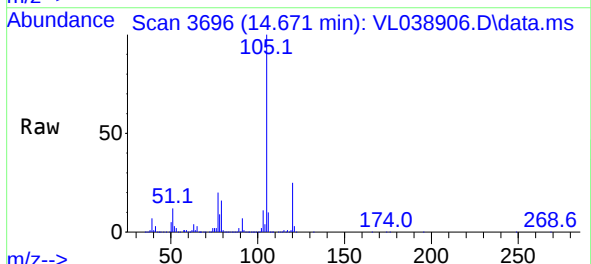
Tgt Ion:104 Resp: 167564
Ion Ratio Lower Upper
104 100
78 58.4 40.5 60.7
103 49.2 39.0 58.4

Manual Integrations
APPROVED

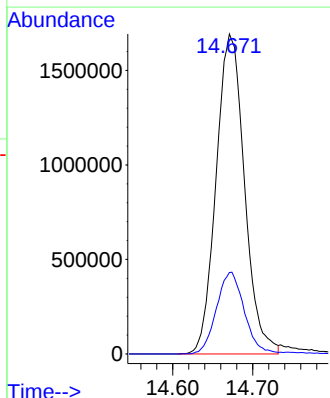
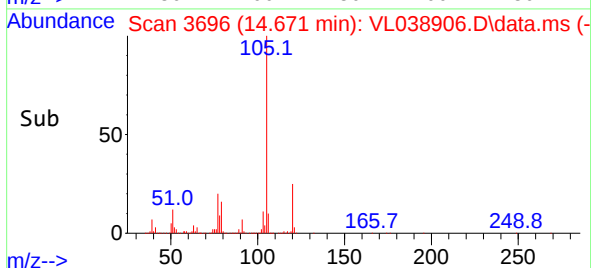
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

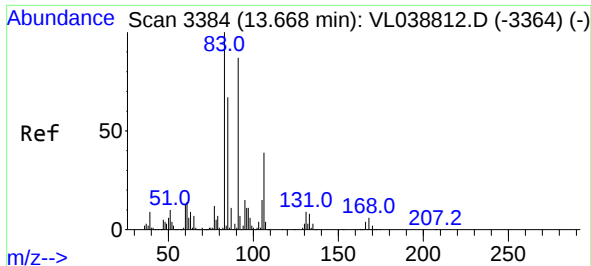


#62
Isopropylbenzene
Concen: 8.860 ppbv
RT: 14.671 min Scan# 3696
Delta R.T. 0.010 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17



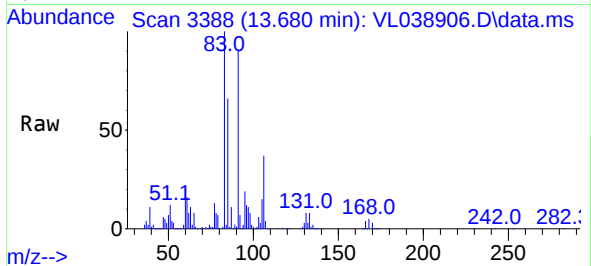
Tgt Ion:105 Resp: 4169995
Ion Ratio Lower Upper
105 100
120 25.6 21.8 32.8





#63
1,1,2,2-Tetrachloroethane
Concen: 9.315 ppbv
RT: 13.680 min Scan# 31
Delta R.T. 0.013 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

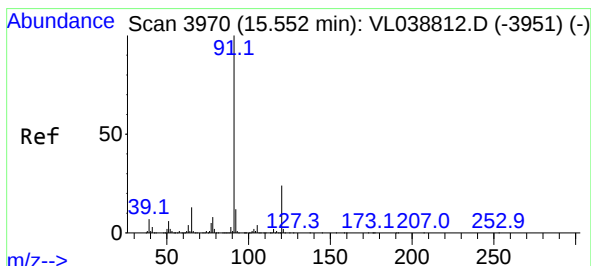
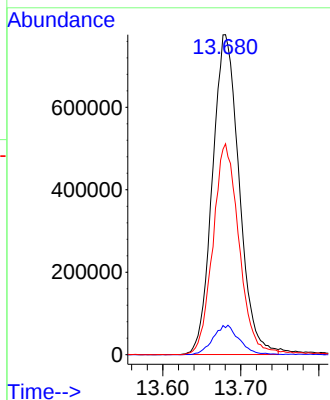
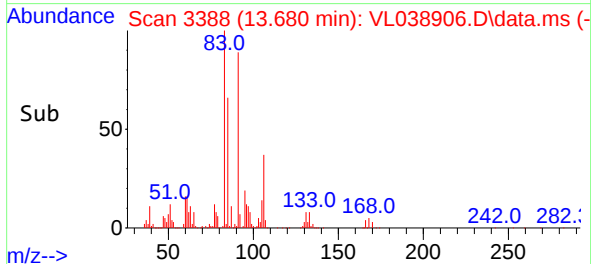
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



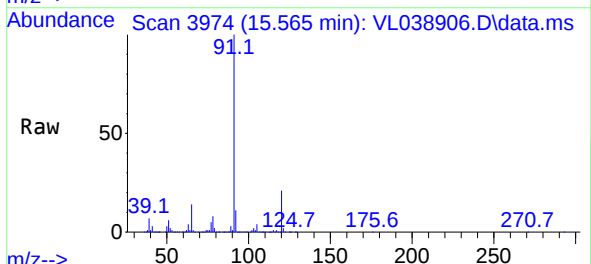
Tgt Ion: 83 Resp: 1849998
Ion Ratio Lower Upper
83 100
131 9.1 4.6 13.8
85 65.7 33.0 99.0

Manual Integrations
APPROVED

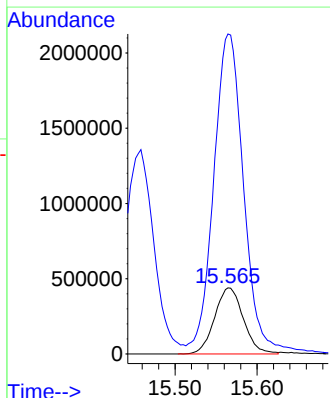
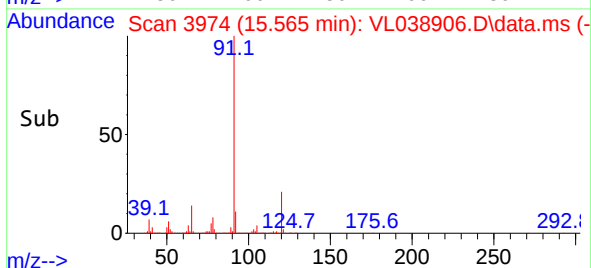
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

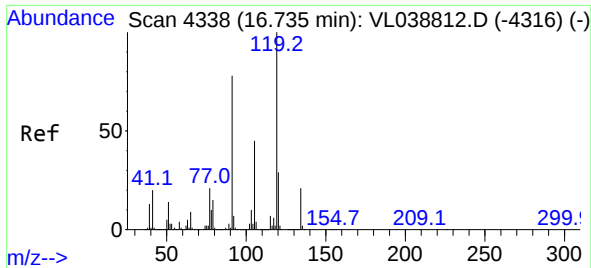


#64
n-propylbenzene
Concen: 8.757 ppbv
RT: 15.565 min Scan# 3974
Delta R.T. 0.013 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17



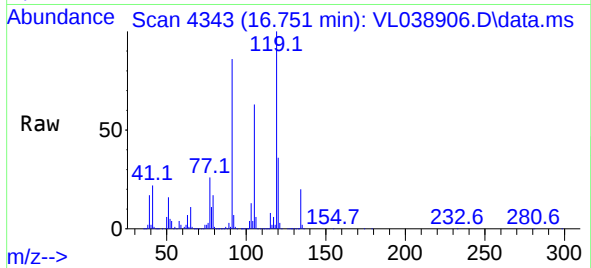
Tgt Ion:120 Resp: 1070264
Ion Ratio Lower Upper
120 100
91 508.5 360.6 540.8





#65
tert-Butylbenzene
Concen: 8.826 ppbv
RT: 16.751 min Scan# 4119
Delta R.T. 0.016 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

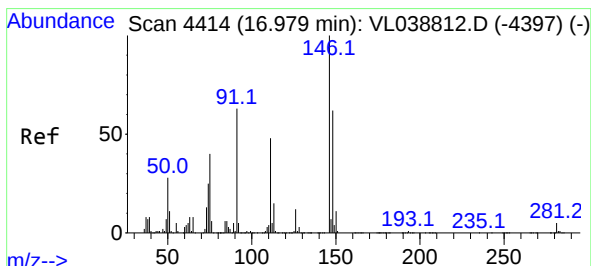
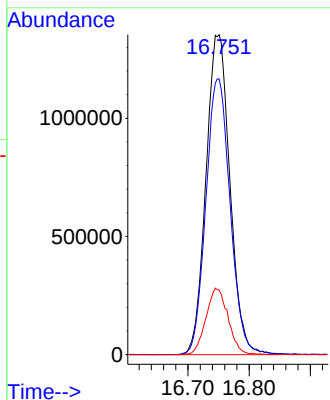
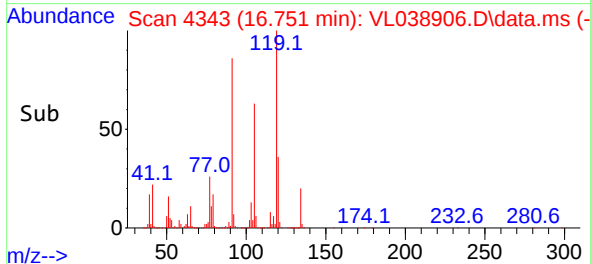
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



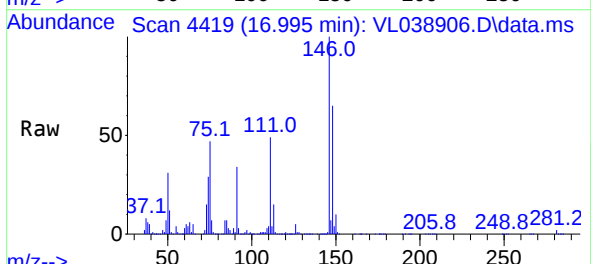
Tgt Ion: 119 Resp: 368565
Ion Ratio Lower Upper
119 100
91 87.3 62.8 94.2
134 19.3 16.2 24.4

Manual Integrations
APPROVED

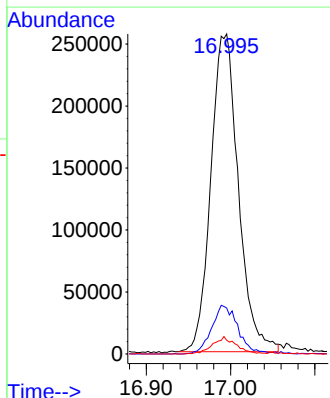
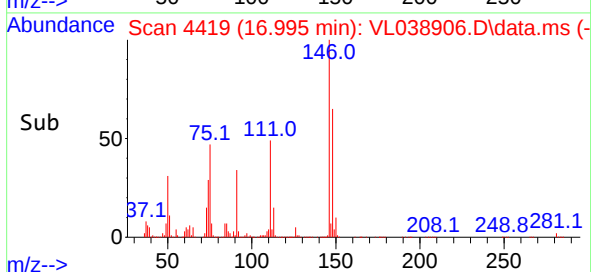
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

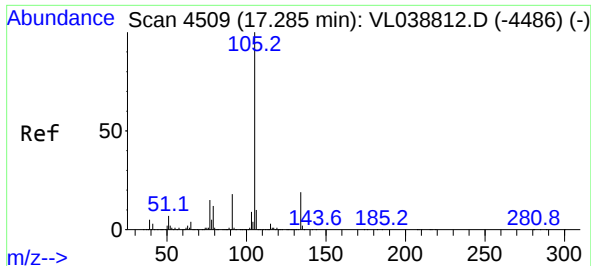


#66
Benzyl Chloride
Concen: 6.850 ppbv
RT: 16.995 min Scan# 4419
Delta R.T. 0.016 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17



Tgt Ion: 91 Resp: 582385
Ion Ratio Lower Upper
91 100
126 14.8 15.4 23.0#
128 4.9 4.7 7.1





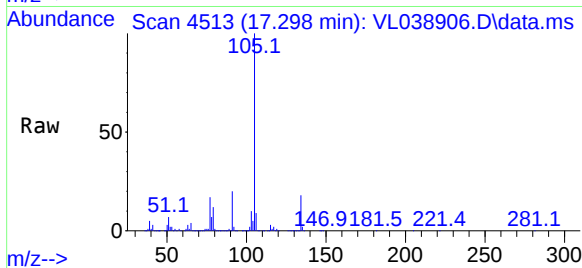
#67
 sec-Butylbenzene
 Concen: 9.146 ppbv
 RT: 17.298 min Scan# 413
 Delta R.T. 0.013 min
 Lab File: VL038906.D
 Acq: 13 Apr 2022 16:17

Instrument :

MSVOA_L

ClientSampleId :

VL0413ABS01

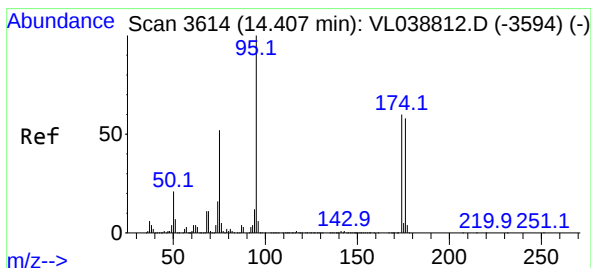
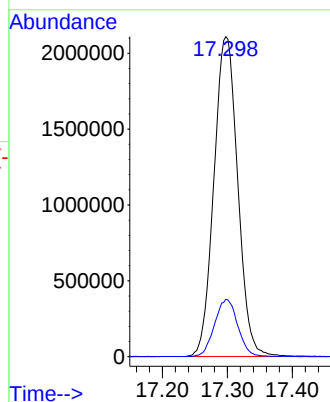
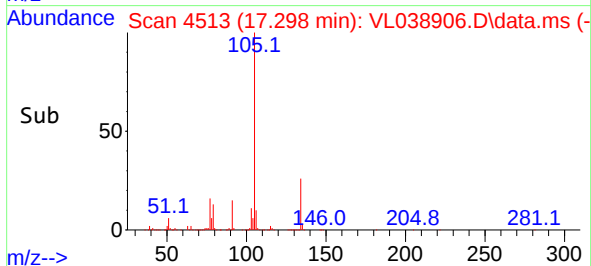


Tgt Ion:105 Resp: 535944
 Ion Ratio Lower Upper
 105 100
 134 17.6 15.1 22.7

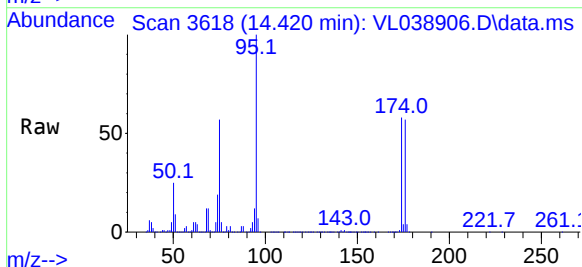
Manual Integrations

APPROVED

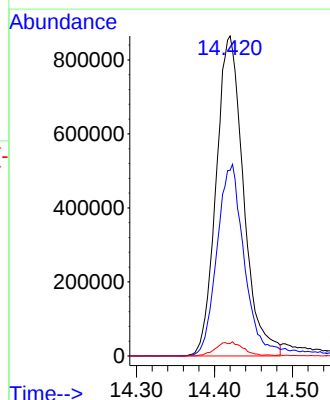
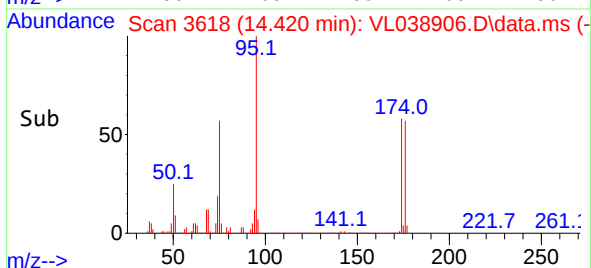
Reviewed By :Semsettin Yesilyurt 04/14/2022
 Supervised By :Mahesh Dadoda 04/18/2022

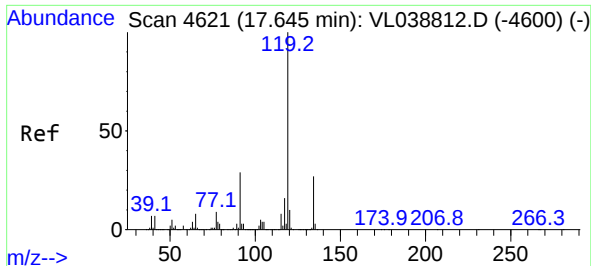


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.435 ppbv
 RT: 14.420 min Scan# 3618
 Delta R.T. 0.013 min
 Lab File: VL038906.D
 Acq: 13 Apr 2022 16:17



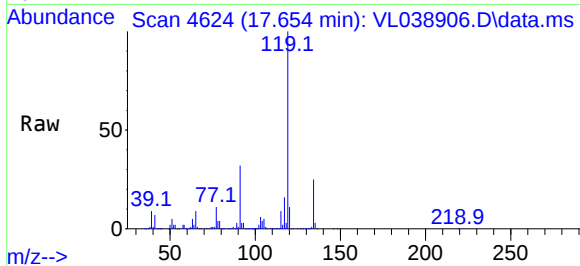
Tgt Ion: 95 Resp: 2112830
 Ion Ratio Lower Upper
 95 100
 174 62.2 52.0 78.0
 175 4.6 4.0 6.0





#69
p-Isopropyltoluene
Concen: 9.162 ppbv
RT: 17.654 min Scan# 410
Delta R.T. 0.010 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

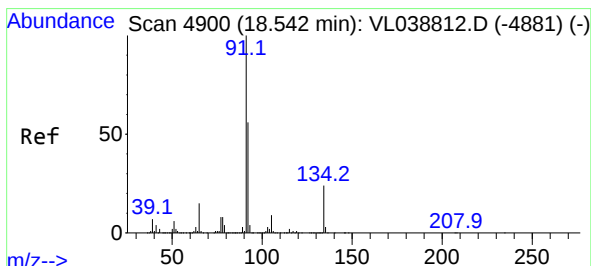
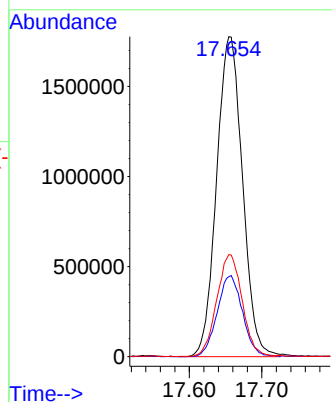
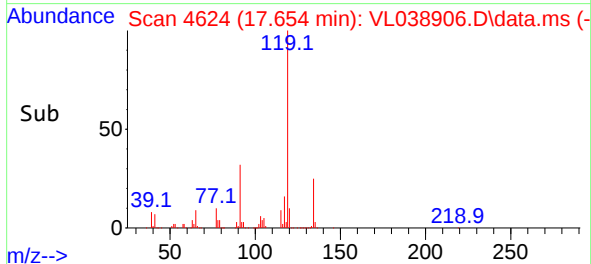
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



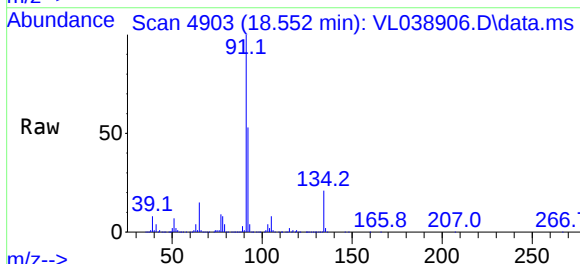
Tgt Ion:119 Resp: 4408004
Ion Ratio Lower Upper
119 100
134 24.9 20.8 31.2
91 31.3 22.6 34.0

Manual Integrations
APPROVED

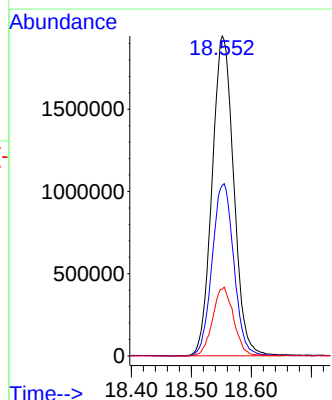
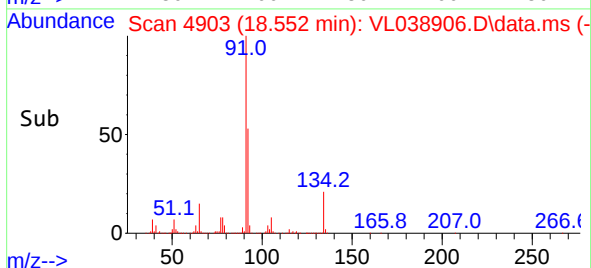
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

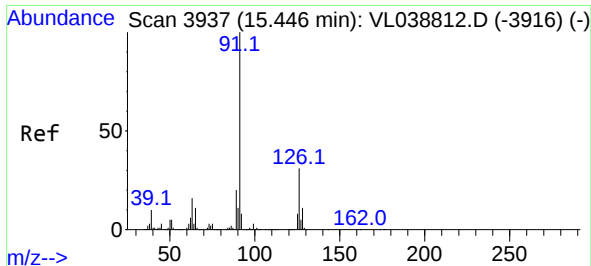


#70
n-Butylbenzene
Concen: 10.047 ppbv
RT: 18.552 min Scan# 4903
Delta R.T. 0.010 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17



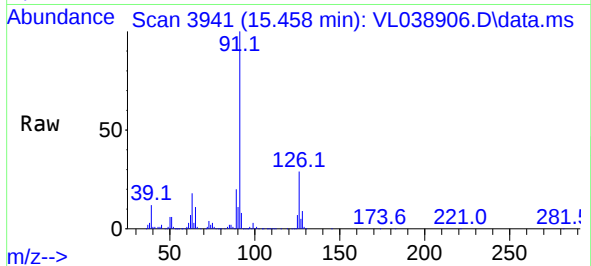
Tgt Ion: 91 Resp: 4869793
Ion Ratio Lower Upper
91 100
92 54.1 44.6 66.8
134 20.9 19.2 28.8





#71
2-Chlorotoluene
Concen: 9.387 ppbv
RT: 15.458 min Scan# 3937
Delta R.T. 0.013 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

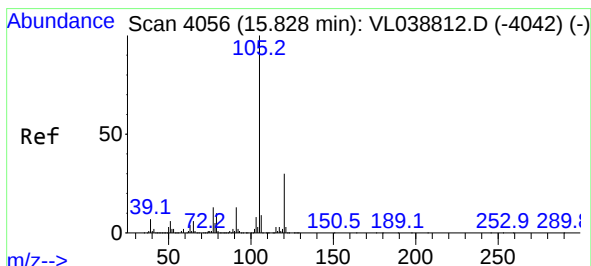
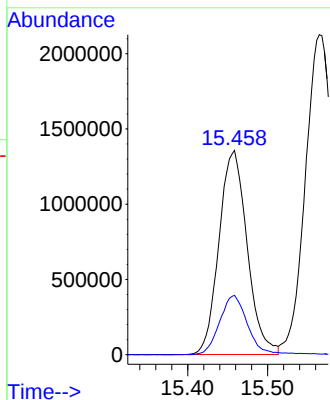
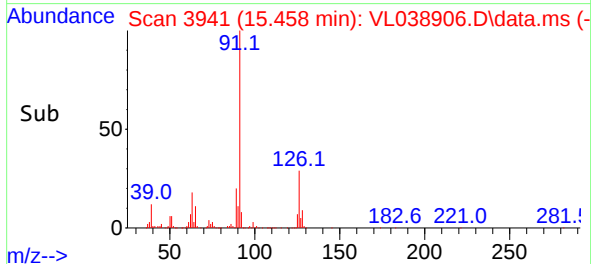
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



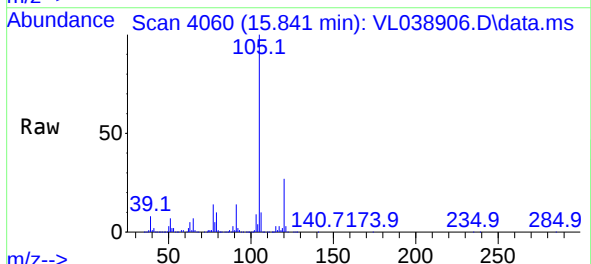
Tgt Ion: 91 Resp: 3322310
Ion Ratio Lower Upper
91 100
126 29.3 13.0 51.8

Manual Integrations
APPROVED

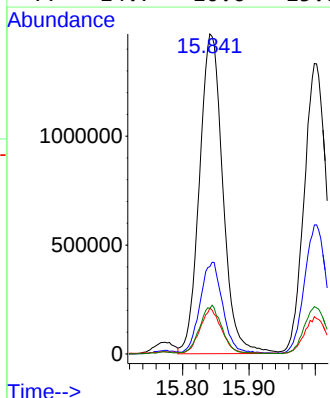
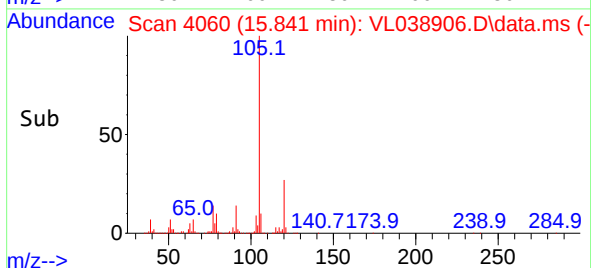
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

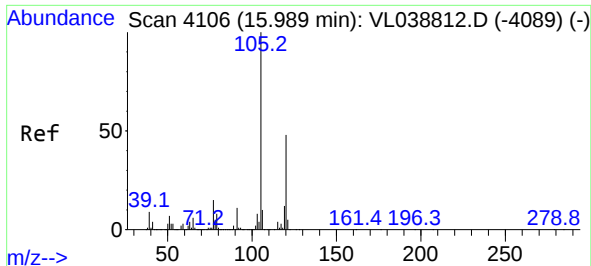


#72
4-Ethyltoluene
Concen: 9.602 ppbv
RT: 15.841 min Scan# 4060
Delta R.T. 0.013 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17



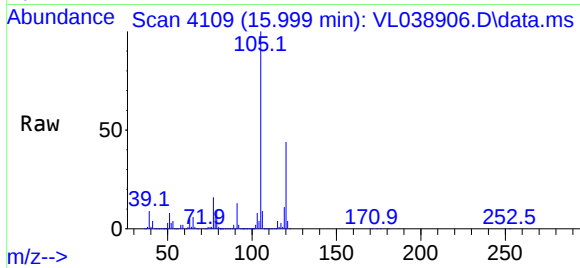
Tgt Ion:105 Resp: 3595495
Ion Ratio Lower Upper
105 100
120 28.3 24.3 36.5
91 12.9 9.4 14.2
77 14.7 10.6 15.8





#73
 1,3,5-Trimethylbenzene
 Concen: 9.628 ppbv
 RT: 15.999 min Scan# 4106
 Delta R.T. 0.010 min
 Lab File: VL038906.D
 Acq: 13 Apr 2022 16:17

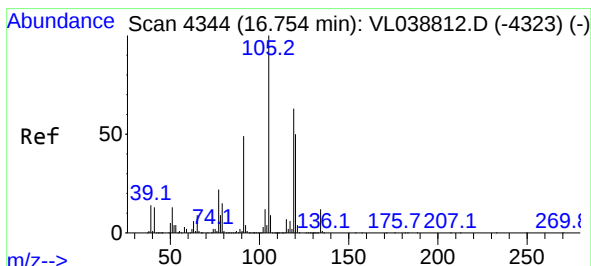
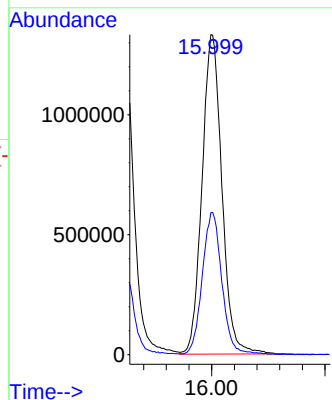
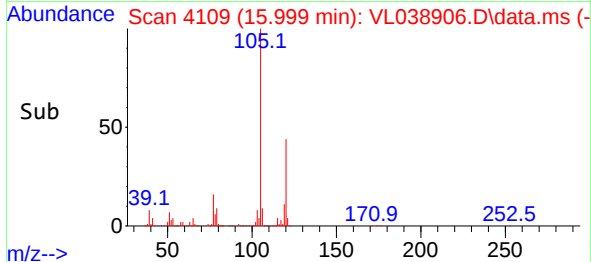
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0413ABS01



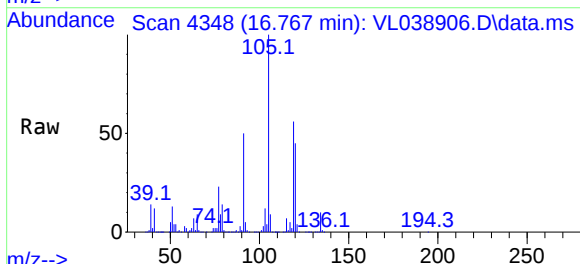
Tgt Ion:105 Resp: 3238619
 Ion Ratio Lower Upper
 105 100
 120 44.4 38.7 58.1

Manual Integrations
 APPROVED

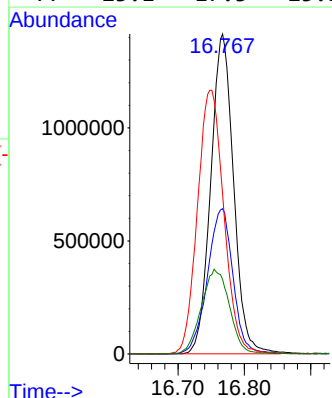
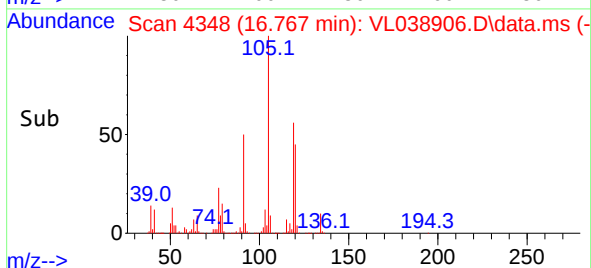
Reviewed By :Semsettin Yesilyurt 04/14/2022
 Supervised By :Mahesh Dadoda 04/18/2022

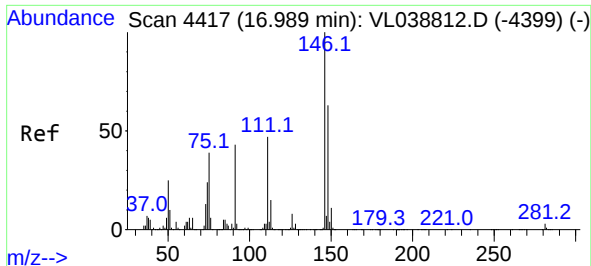


#74
 1,2,4-Trimethylbenzene
 Concen: 9.508 ppbv
 RT: 16.767 min Scan# 4348
 Delta R.T. 0.013 min
 Lab File: VL038906.D
 Acq: 13 Apr 2022 16:17



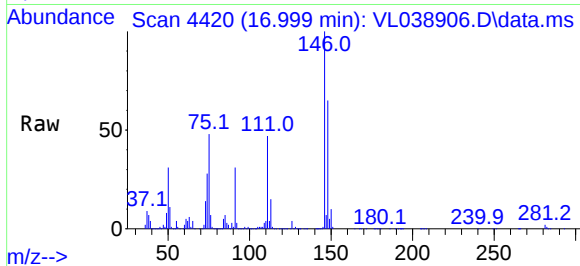
Tgt Ion:105 Resp: 3380996
 Ion Ratio Lower Upper
 105 100
 120 45.3 39.8 59.8
 91 49.7 39.4 59.0
 77 23.1 17.3 25.9





#75
1,3-Dichlorobenzene
Concen: 9.096 ppbv
RT: 16.999 min Scan# 4417
Delta R.T. 0.010 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

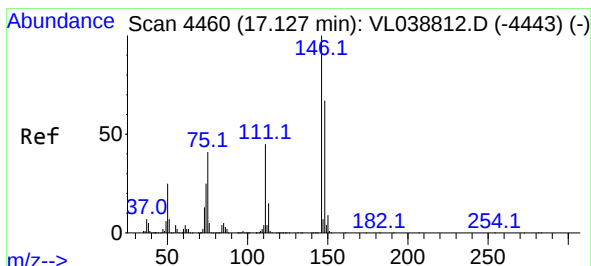
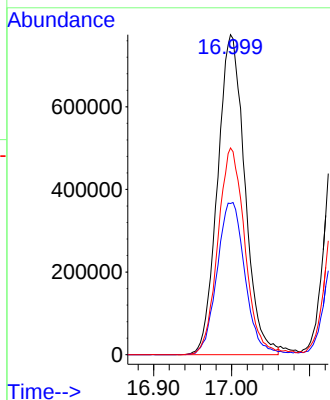
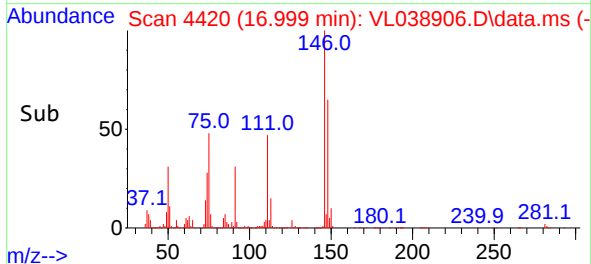
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



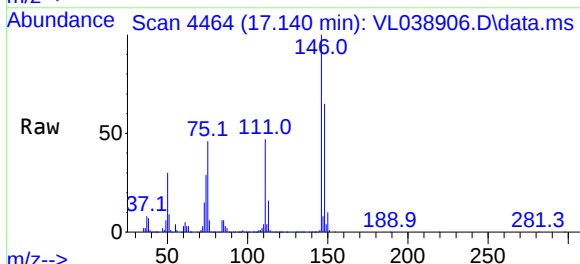
Tgt Ion:146 Resp: 187803
Ion Ratio Lower Upper
146 100
111 49.1 23.8 71.2
148 64.5 31.8 95.4

Manual Integrations
APPROVED

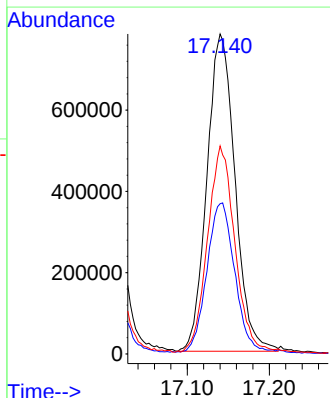
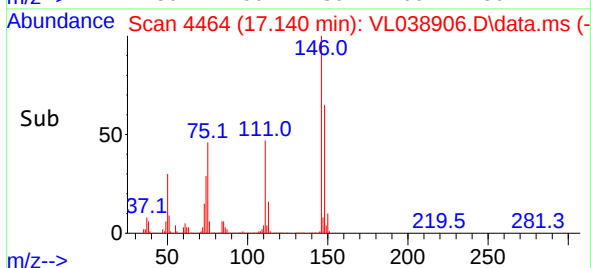
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

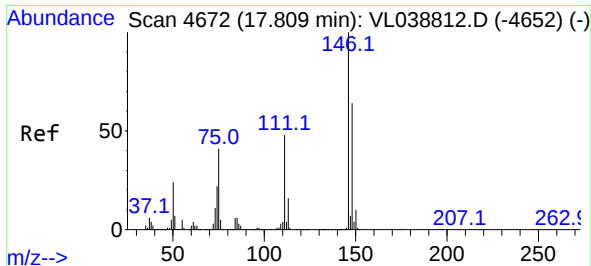


#76
1,4-Dichlorobenzene
Concen: 9.147 ppbv
RT: 17.140 min Scan# 4464
Delta R.T. 0.013 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17



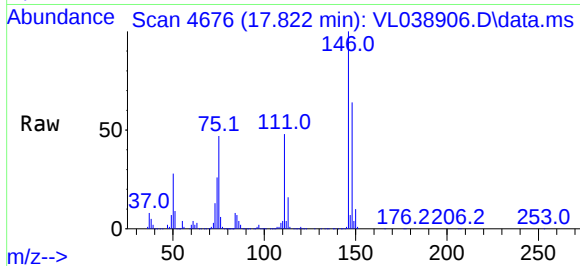
Tgt Ion:146 Resp: 1860256
Ion Ratio Lower Upper
146 100
111 48.8 23.6 70.8
148 65.6 33.6 100.6





#77
1,2-Dichlorobenzene
Concen: 9.078 ppbv
RT: 17.822 min Scan# 40
Delta R.T. 0.013 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

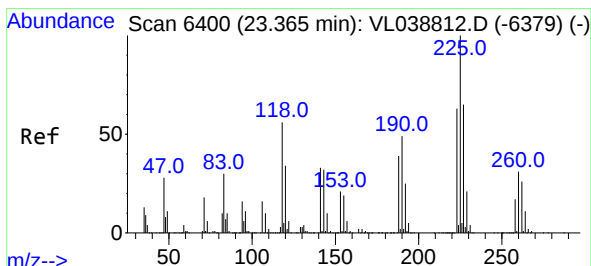
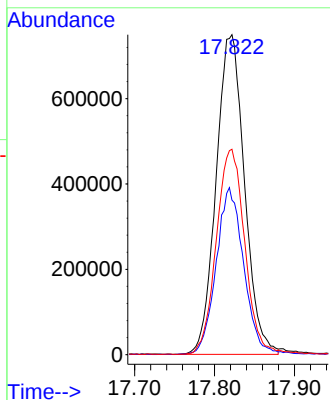
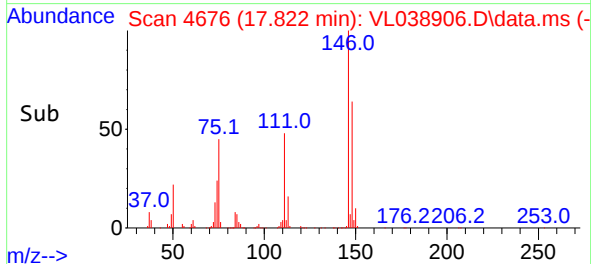
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



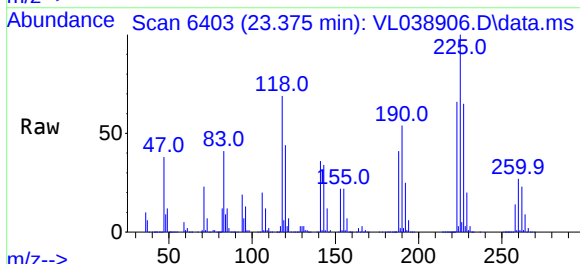
Tgt Ion:146 Resp: 184744
Ion Ratio Lower Upper
146 100
111 51.0 24.8 74.3
148 64.9 31.9 95.7

Manual Integrations
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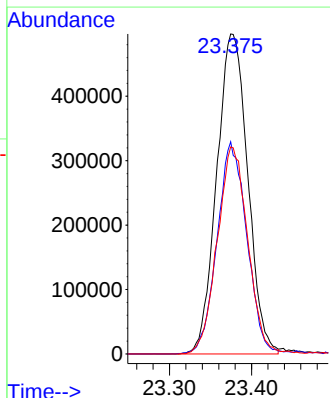
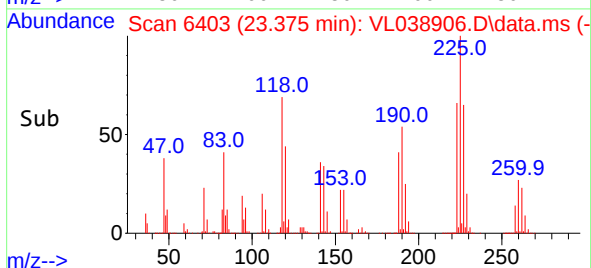
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

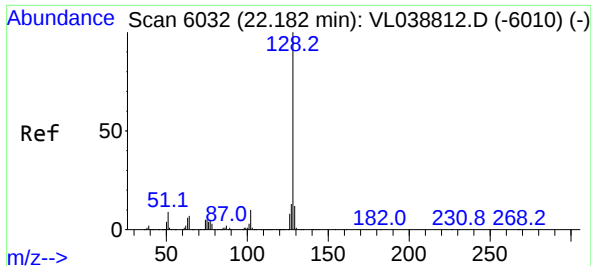


#78
Hexachloro-1,3-Butadiene
Concen: 8.119 ppbv
RT: 23.375 min Scan# 6403
Delta R.T. 0.010 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17



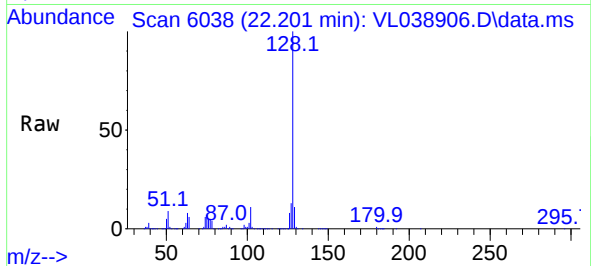
Tgt Ion:225 Resp: 1305586
Ion Ratio Lower Upper
225 100
223 64.0 51.6 77.4
227 63.7 52.3 78.5





#79
Naphthalene
Concen: 9.776 ppbv
RT: 22.201 min Scan# 6032
Delta R.T. 0.019 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17

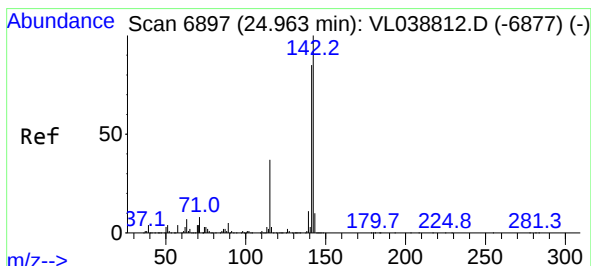
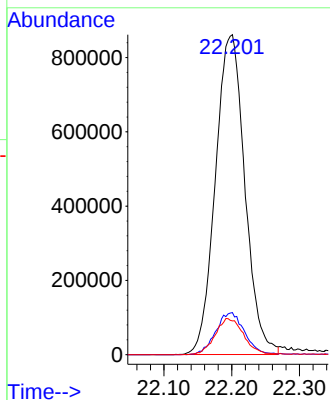
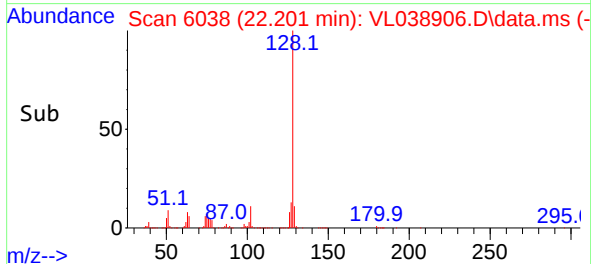
Instrument :
MSVOA_L
ClientSampleId :
VL0413ABS01



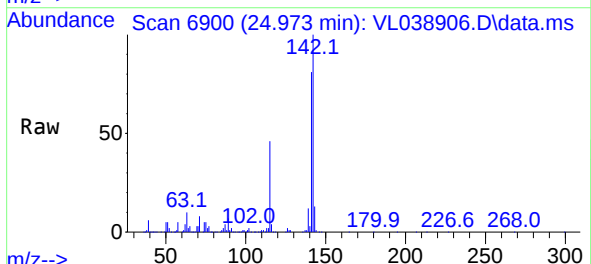
Tgt Ion:128 Resp: 2600362
Ion Ratio Lower Upper
128 100
127 13.2 10.6 15.8
129 10.5 9.4 14.0

Manual Integrations
APPROVED

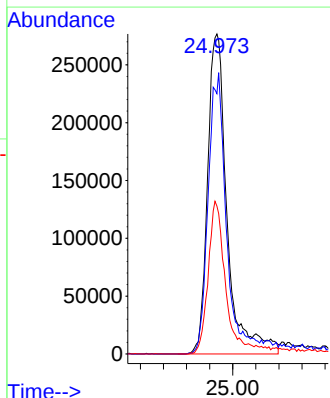
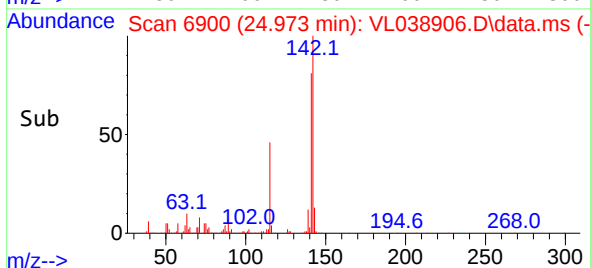
Reviewed By :Semsettin Yesilyurt 04/14/2022
Supervised By :Mahesh Dadoda 04/18/2022

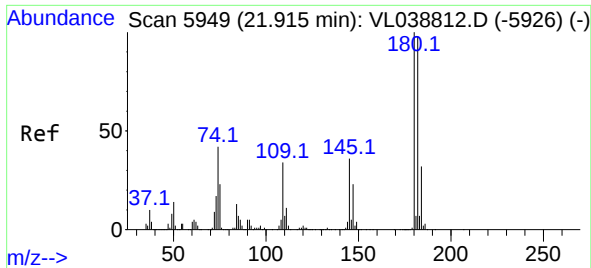


#80
Naphthalene,2-methyl-
Concen: 9.924 ppbv
RT: 24.973 min Scan# 6900
Delta R.T. 0.010 min
Lab File: VL038906.D
Acq: 13 Apr 2022 16:17



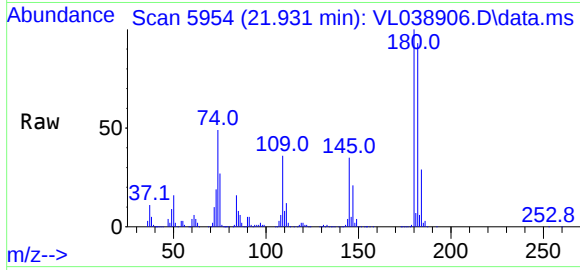
Tgt Ion:142 Resp: 650477
Ion Ratio Lower Upper
142 100
141 84.4 68.8 103.2
115 46.9 31.6 47.4





#81
 1,2,4-Trichlorobenzene
 Concen: 9.316 ppbv
 RT: 21.931 min Scan# 5954
 Delta R.T. 0.016 min
 Lab File: VL038906.D
 Acq: 13 Apr 2022 16:17

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0413ABS01



Tgt Ion:180 Resp: 1450258

Ion	Ratio	Lower	Upper
180	100		
182	98.2	79.4	119.0
184	30.4	25.0	37.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/14/2022
 Supervised By :Mahesh Dadoda 04/18/2022

