

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
 Data File : VL039087.D
 Acq On : 23 May 2022 16:23
 Operator : SY/AP
 Sample : 0.4 MDL
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 MDL

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/25/2022
 Supervised By : Mahesh Dadoda 05/26/2022

Quant Time: May 24 05:58:53 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 26 12:59:29 2022

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.652	49	1075560	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.160	114	2520782	10.000	ppbv	-0.01
55) Chlorobenzene-d5	12.063	117	2202932	10.000	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.391 95 1901026 10.897 ppbv -0.01
 Spiked Amount 10.000 Range 65 - 135 Recovery = 109.000%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.044	85	87662	0.520	ppbv	94
3) Chlorodifluoromethane	2.986	51	58878	0.441	ppbv	99
4) Chloromethane	3.137	50	29743m	0.445	ppbv	
5) Vinyl Chloride	3.253	62	27115	0.444	ppbv	93
6) Bromomethane	3.469	94	15150m	0.525	ppbv	
7) Chloroethane	3.549	64	9816	0.481	ppbv	95
8) Dichlorotetrafluoroethane	3.179	85	64903	0.425	ppbv	97
9) Propene	3.009	41	24508	0.420	ppbv	99
10) Heptane	8.105	43	46477	0.325	ppbv	94
11) Trichlorofluoromethane	3.948	101	72556m	0.502	ppbv	
12) 1,1,2-Trichlorotrifluoro...	4.472	101	45760	0.459	ppbv	97
13) Ethanol	3.610	45	2438m	0.591	ppbv	
14) Bromoethene	3.729	108	16699	0.407	ppbv	83
15) Acetone	3.858	43	67888m	0.669	ppbv	
16) 1,3-Butadiene	3.324	39	25625m	0.440	ppbv	
17) tert-Butyl alcohol	4.295	59	37479m	0.481	ppbv	
18) 1,1-Dichloroethene	4.282	96	21826m	0.509	ppbv	
19) Isopropyl Alcohol	3.970	45	23562m	0.488	ppbv	
20) Methylene Chloride	4.337	84	24986m	0.653	ppbv	
21) Allyl Chloride	4.398	41	29337m	0.424	ppbv	
22) trans-1,2-Dichloroethene	4.877	96	22949m	0.496	ppbv	
23) Vinyl Acetate	5.070	43	41912m	0.522	ppbv	
24) 1,1-Dichloroethane	4.996	63	39228	0.424	ppbv	99
25) Ethyl Acetate	5.677	43	90439m	0.372	ppbv	
26) Hexane	5.674	57	40564	0.376	ppbv	95
27) Carbon Disulfide	4.539	76	38367m	0.374	ppbv	
28) Methyl tert-Butyl Ether	5.034	73	45138m	0.550	ppbv	
29) Chloroform	5.735	83	71884m	0.412	ppbv	
30) Cyclohexane	7.118	84	37541m	0.416	ppbv	
31) cis-1,2-Dichloroethene	5.539	61	43252m	0.393	ppbv	
32) 1,1,1-Trichloroethane	6.494	97	68122	0.390	ppbv	95
34) 2-Butanone	5.247	43	57052m	0.444	ppbv	
35) Carbon Tetrachloride	7.002	117	63375	0.382	ppbv	88
36) Benzene	6.874	78	72493m	0.336	ppbv	
37) 1,2-Dichloroethane	6.292	62	56296	0.422	ppbv	100
38) Trichloroethene	7.816	130	33311	0.347	ppbv	91
39) 1,2-Dichloropropane	7.597	63	32352m	0.385	ppbv	
40) 1,4-Dioxane	7.851	88	12137m	0.403	ppbv	
41) Tetrahydrofuran	6.054	42	28801m	0.333	ppbv	
42) Bromodichloromethane	7.767	83	70233m	0.385	ppbv	
43) Methyl Methacrylate	7.999	69	26990m	0.308	ppbv	
44) 2,2,4-Trimethylpentane	7.848	57	133384m	0.352	ppbv	
45) t-1,3-Dichloropropene	9.262	75	23175m	0.273	ppbv	

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Manual Integrations
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Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022

Quant Time: May 24 05:58:53 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 26 12:59:29 2022

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.684	75	32870m	0.292	ppbv	
47) 1,1,2-Trichloroethane	9.462	97	33077m	0.379	ppbv	
48) Dibromochloromethane	10.285	129	44529m	0.313	ppbv	
49) Bromoform	13.018	173	33003m	0.305	ppbv	
50) 4-Methyl-2-Pentanone	8.745	43	73158m	0.324	ppbv	
51) 2-Hexanone	10.127	43	53177m	0.323	ppbv	
52) Tetrachloroethene	11.201	164	29299m	0.380	ppbv	
53) Toluene	9.787	91	75783	0.313	ppbv	96
54) 1,2-Dibromoethane	10.587	107	39529	0.333	ppbv	85
56) 1,1,1,2-Tetrachloroethane	12.102	131	39325m	0.407	ppbv	
57) Chlorobenzene	12.127	112	69952m	0.424	ppbv	
58) Ethyl Benzene	12.690	91	112866m	0.356	ppbv	
59) m/p-Xylene	12.973	91	201742m	0.745	ppbv	
60) o-Xylene	13.667	91	91398	0.359	ppbv	95
61) Styrene	13.507	104	41055m	0.302	ppbv	
62) Isopropylbenzene	14.648	105	136957	0.368	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.658	83	56648m	0.378	ppbv	
64) n-propylbenzene	15.532	120	34217m	0.380	ppbv	
65) tert-Butylbenzene	16.719	119	119180	0.365	ppbv	90
66) Benzyl Chloride	16.966	91	12004m	0.281	ppbv	
67) sec-Butylbenzene	17.272	105	168378m	0.361	ppbv	
69) p-Isopropyltoluene	17.635	119	127440m	0.338	ppbv	
70) n-Butylbenzene	18.529	91	132224	0.330	ppbv	98
71) 2-Chlorotoluene	15.433	91	100439	0.350	ppbv	99
72) 4-Ethyltoluene	15.819	105	93999	0.324	ppbv #	91
73) 1,3,5-Trimethylbenzene	15.976	105	92490m	0.354	ppbv	
74) 1,2,4-Trimethylbenzene	16.738	105	97448	0.341	ppbv #	87
75) 1,3-Dichlorobenzene	16.966	146	60985m	0.389	ppbv	
76) 1,4-Dichlorobenzene	17.121	146	61761m	0.400	ppbv	
77) 1,2-Dichlorobenzene	17.799	146	56963m	0.367	ppbv	
78) Hexachloro-1,3-Butadiene	23.346	225	58627m	0.411	ppbv	
79) Naphthalene	22.178	128	67214m	0.289	ppbv	
80) Naphthalene,2-methyl-	24.985	142	9230m	0.131	ppbv	
81) 1,2,4-Trichlorobenzene	21.892	180	42669m	0.313	ppbv	

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

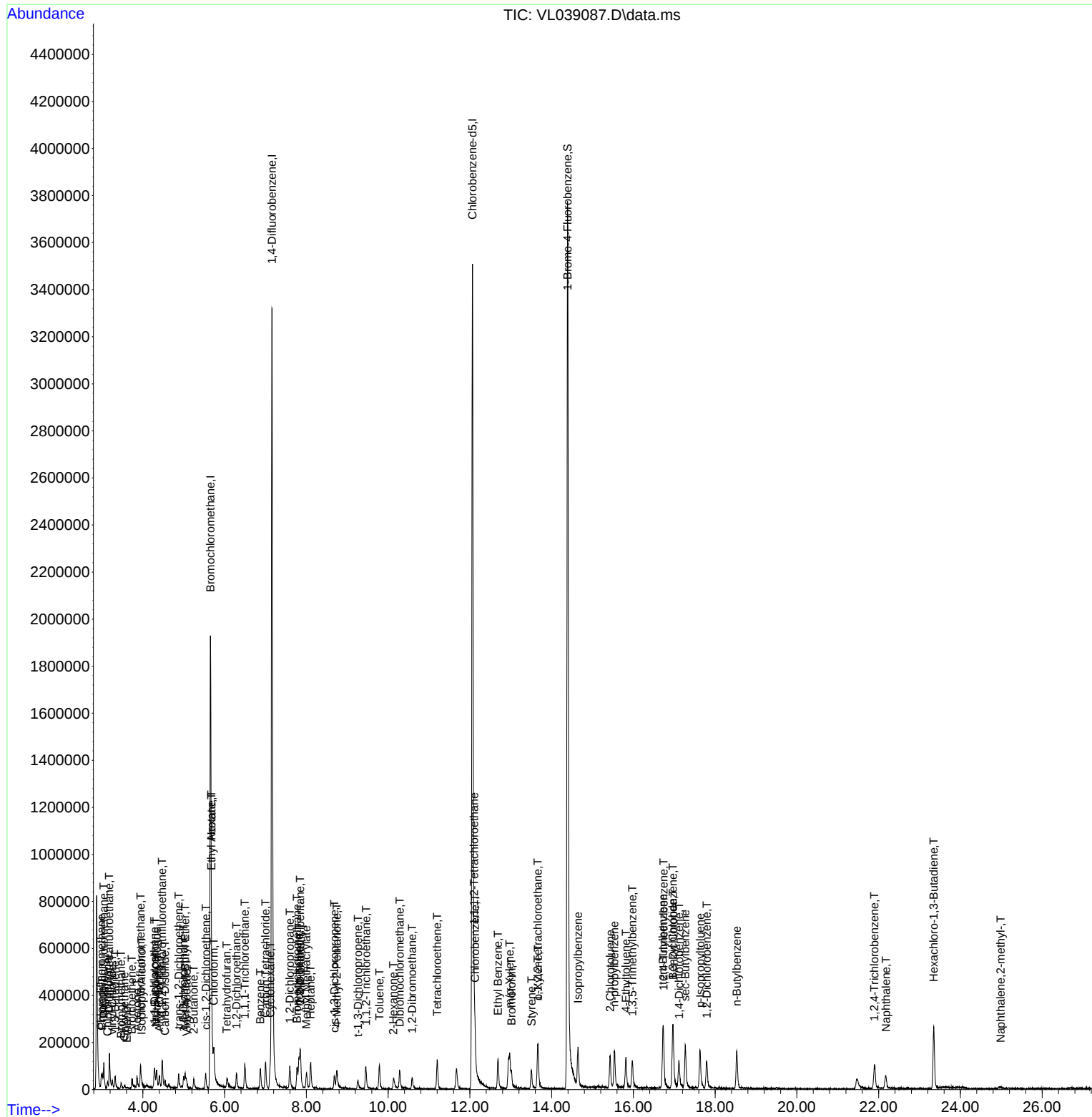
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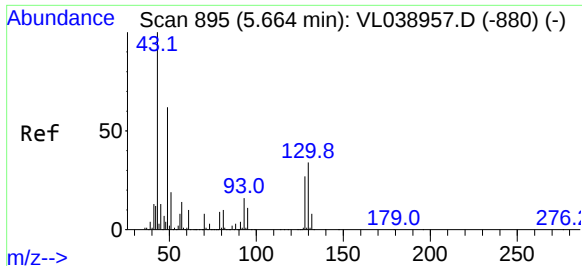
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May
QLast Update : Thu May 05 10:12:15 2022
Response via : Initial Calibration

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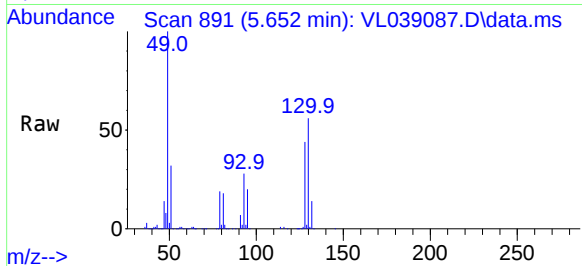
Reviewed By : Semsettin Yesilyurt 05/25/2022
Supervised By : Mahesh Dadoda 05/26/2022





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.652 min Scan# 891
Delta R.T. -0.013 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

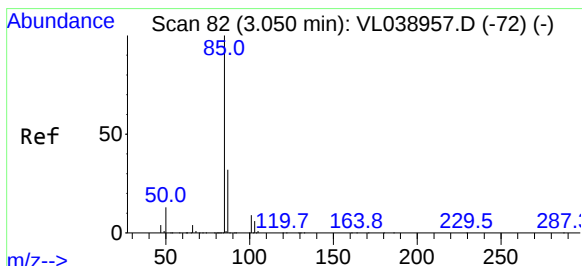
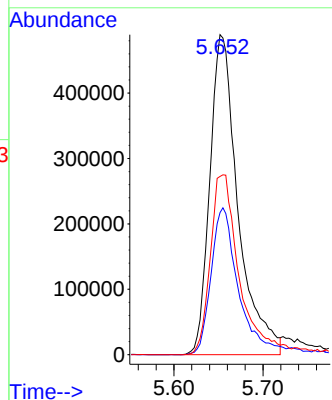
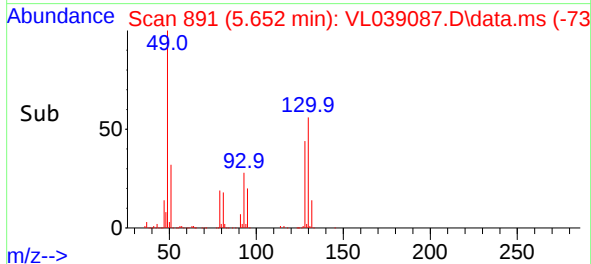
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



Tgt Ion: 49 Resp: 1075560
Ion Ratio Lower Upper
49 100
128 46.7 23.3 69.8
130 61.0 29.8 89.3

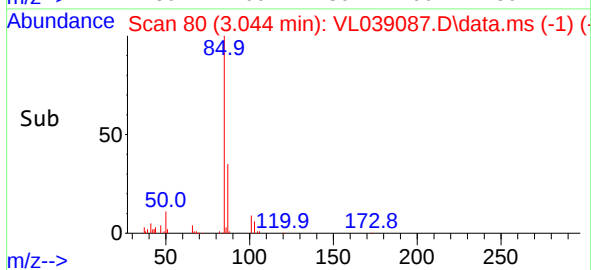
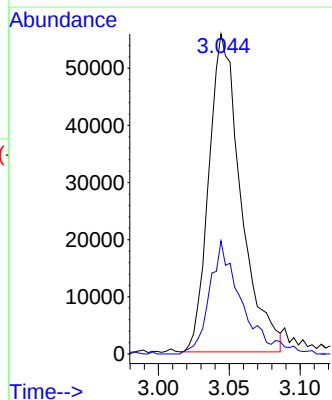
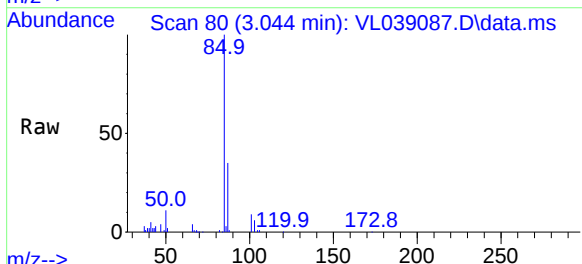
Manual Integrations
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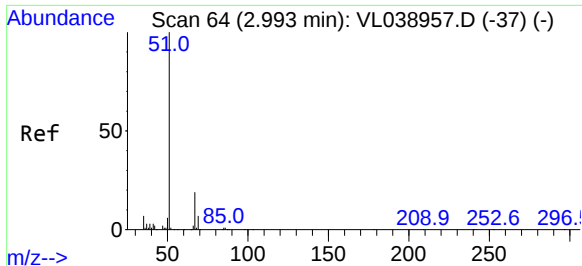
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#2
Dichlorodifluoromethane
Concen: 0.520 ppbv
RT: 3.044 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

Tgt Ion: 85 Resp: 87662
Ion Ratio Lower Upper
85 100
87 35.6 25.7 38.5





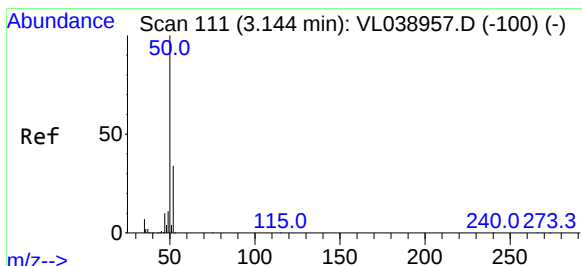
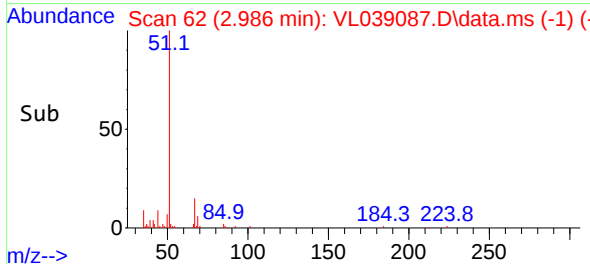
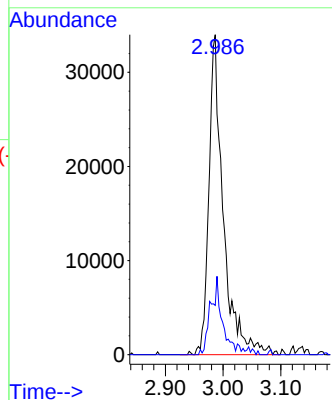
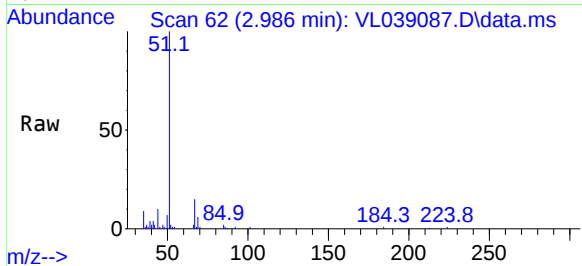
#3
Chlorodifluoromethane
Concen: 0.441 ppbv
RT: 2.986 min Scan# 61
Delta R.T. -0.006 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 51 Resp: 58878
Ion Ratio Lower Upper
51 100
67 20.2 15.8 23.8

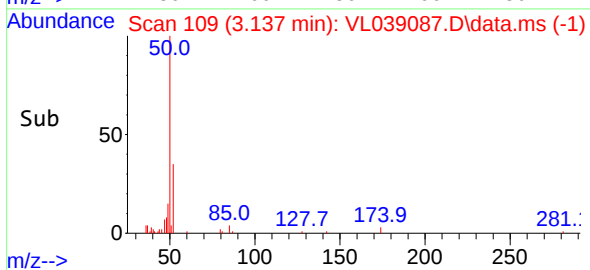
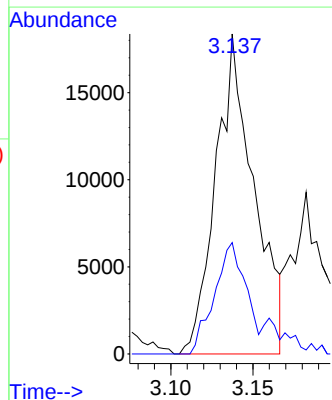
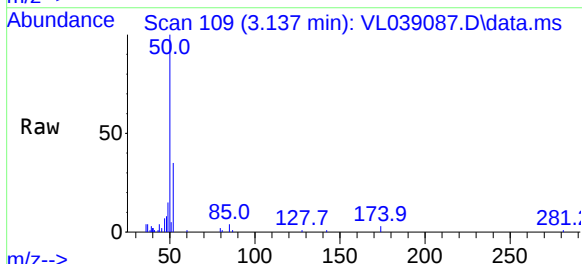
Manual Integrations
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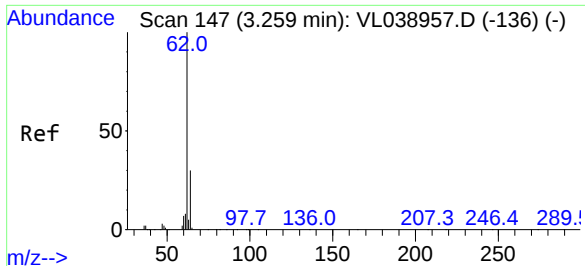
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#4
Chloromethane
Concen: 0.445 ppbv m
RT: 3.137 min Scan# 109
Delta R.T. -0.006 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

Tgt Ion: 50 Resp: 29743
Ion Ratio Lower Upper
50 100
52 34.8 27.3 40.9





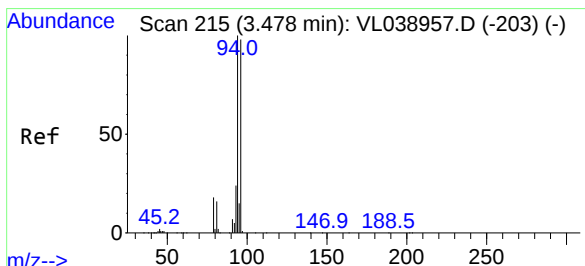
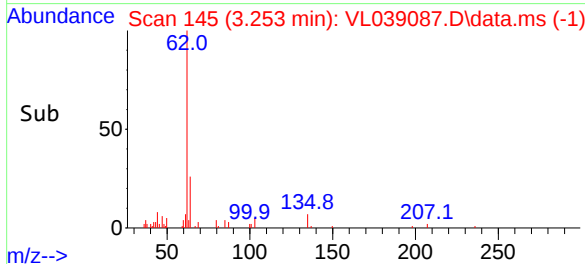
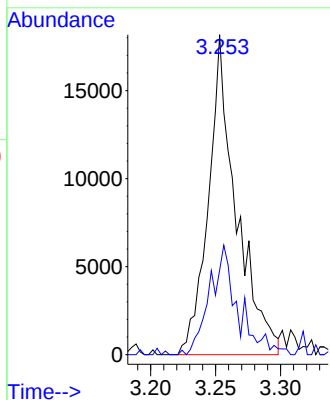
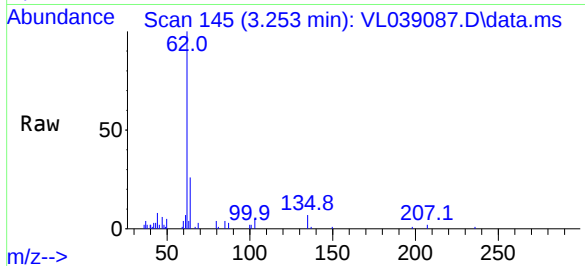
#5
 Vinyl Chloride
 Concen: 0.444 ppbv
 RT: 3.253 min Scan# 147
 Delta R.T. -0.006 min
 Lab File: VL039087.D
 Acq: 23 May 2022 16:23

Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 MDL

Tgt Ion: 62 Resp: 2711
 Ion Ratio Lower Upper
 62 100
 64 26.5 24.2 36.4

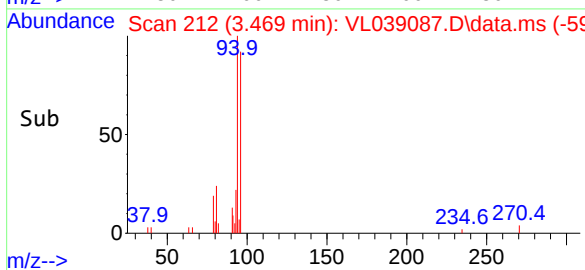
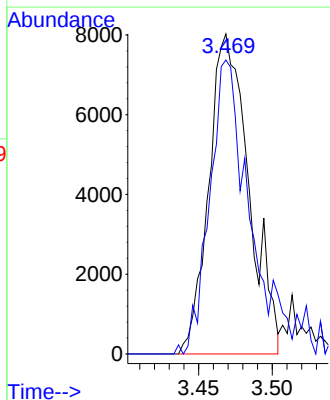
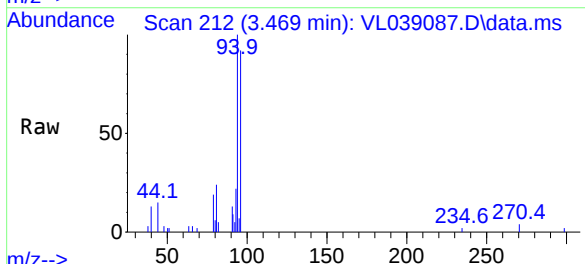
Manual Integrations
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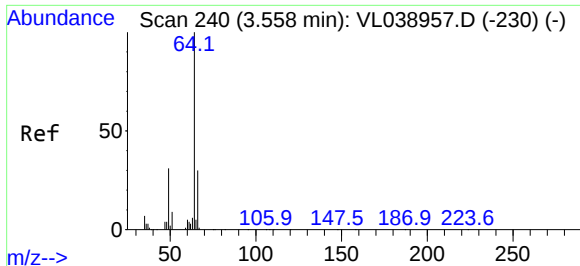
Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022



#6
 Bromomethane
 Concen: 0.525 ppbv m
 RT: 3.469 min Scan# 212
 Delta R.T. -0.010 min
 Lab File: VL039087.D
 Acq: 23 May 2022 16:23

Tgt Ion: 94 Resp: 15150
 Ion Ratio Lower Upper
 94 100
 96 91.9 78.1 117.1





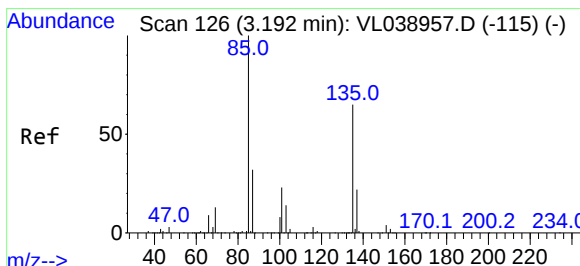
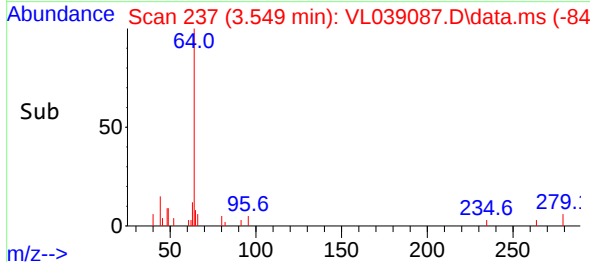
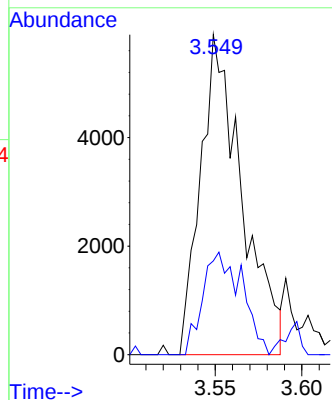
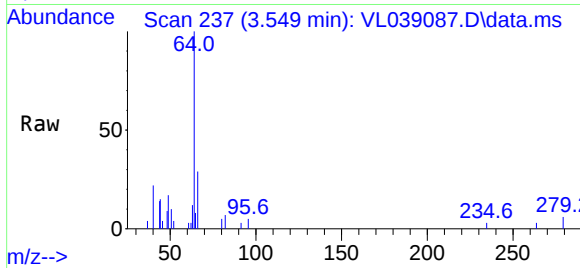
#7
Chloroethane
Concen: 0.481 ppbv
RT: 3.549 min Scan# 21
Delta R.T. -0.010 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 64 Resp: 9810
Ion Ratio Lower Upper
64 100
66 27.1 23.8 35.8

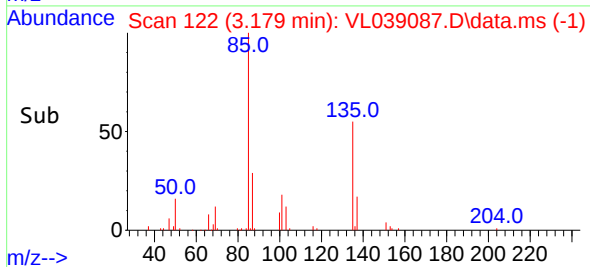
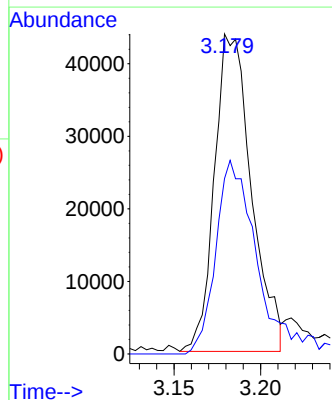
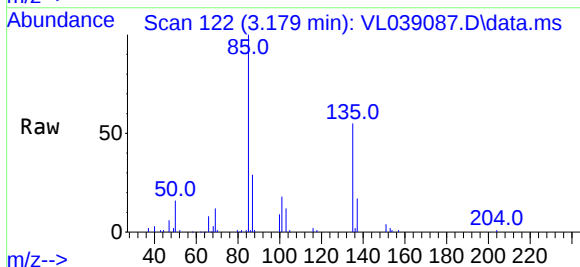
Manual Integrations
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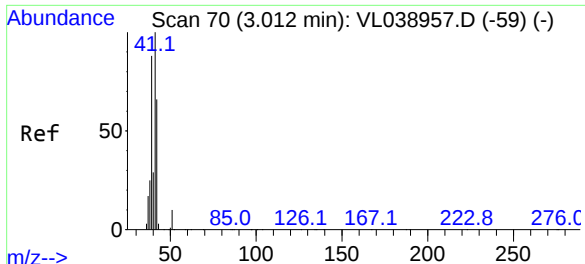
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#8
Dichlorotetrafluoroethane
Concen: 0.425 ppbv
RT: 3.179 min Scan# 122
Delta R.T. -0.013 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

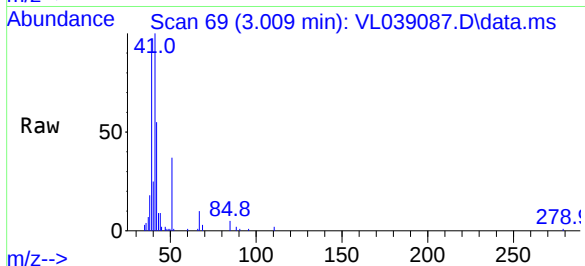
Tgt Ion: 85 Resp: 64903
Ion Ratio Lower Upper
85 100
135 69.0 53.6 80.4





#9
Propene
Concen: 0.420 ppbv
RT: 3.009 min Scan# 69
Delta R.T. -0.003 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

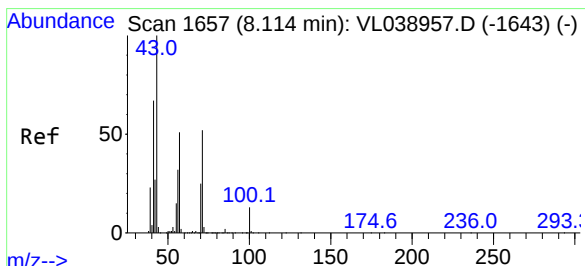
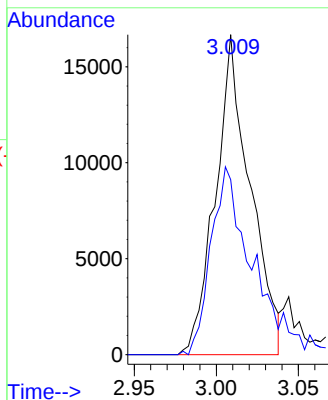
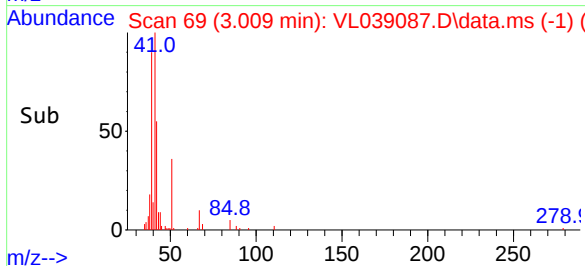
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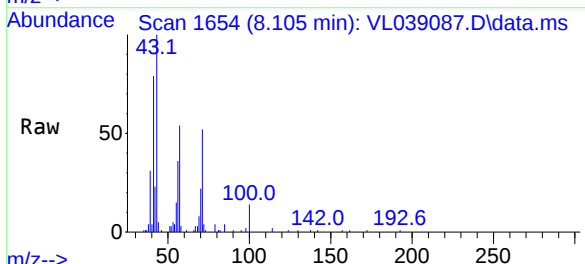
Tgt Ion: 41 Resp: 24508
Ion Ratio Lower Upper
41 100
42 73.9 58.3 87.5

Manual Integrations
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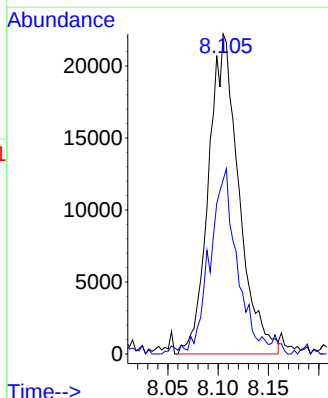
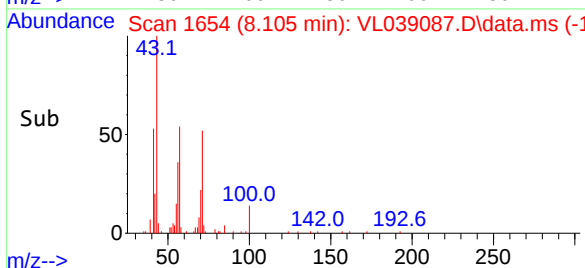
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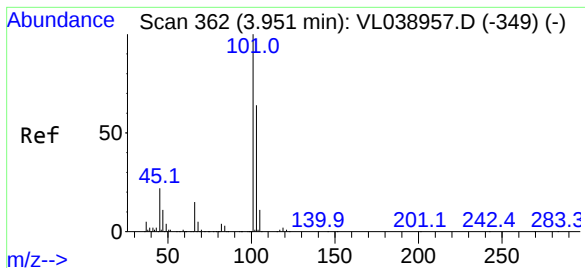


#10
Heptane
Concen: 0.325 ppbv
RT: 8.105 min Scan# 1654
Delta R.T. -0.010 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23



Tgt Ion: 43 Resp: 46477
Ion Ratio Lower Upper
43 100
57 54.5 40.5 60.7





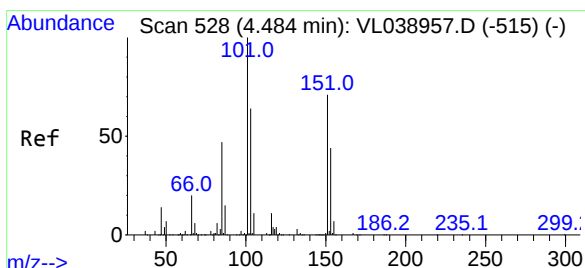
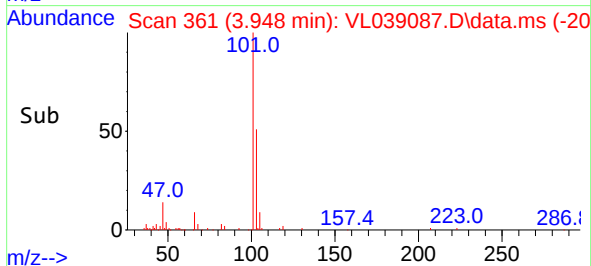
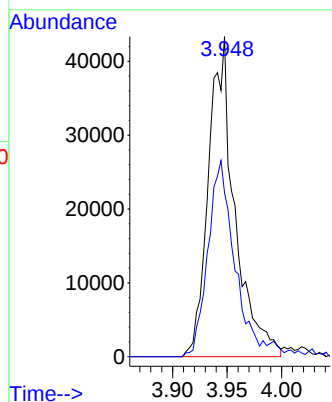
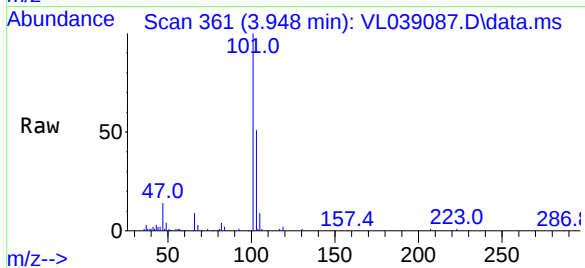
#11
Trichlorofluoromethane
Concen: 0.502 ppbv m
RT: 3.948 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion:101 Resp: 72550
Ion Ratio Lower Upper
101 100
103 51.2 51.5 77.3

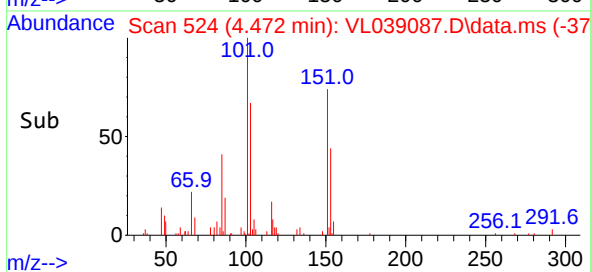
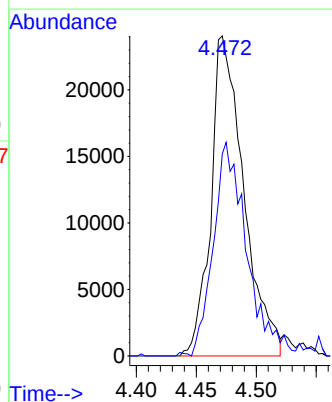
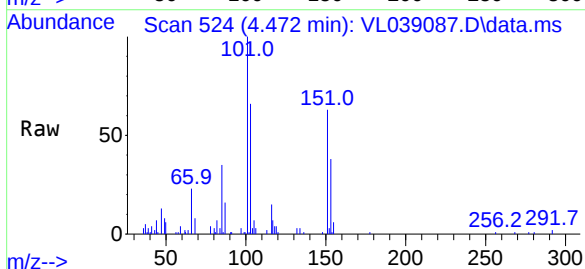
Manual Integrations
APPROVED

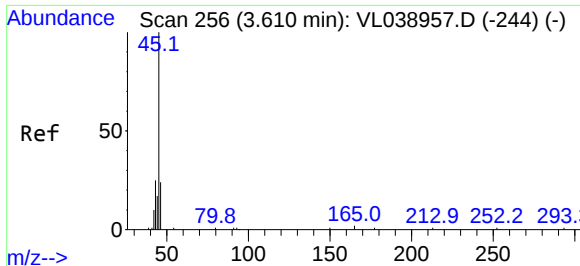
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.459 ppbv
RT: 4.472 min Scan# 524
Delta R.T. -0.013 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

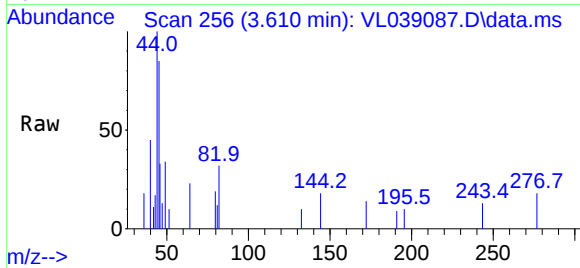
Tgt Ion:101 Resp: 45760
Ion Ratio Lower Upper
101 100
151 71.4 55.4 83.0





#13
Ethanol
Concen: 0.591 ppbv m
RT: 3.610 min Scan# 213
Delta R.T. 0.000 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

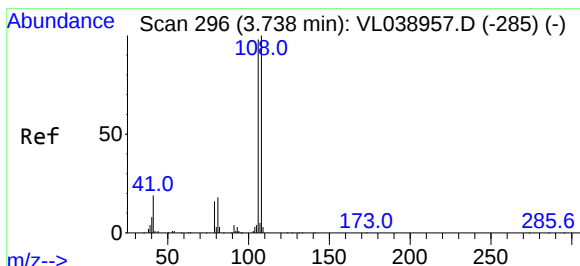
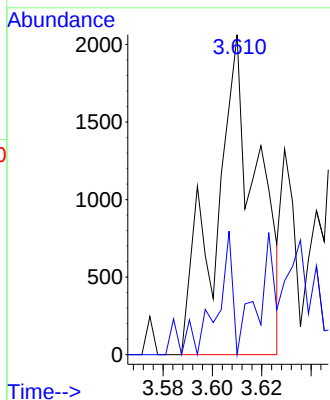
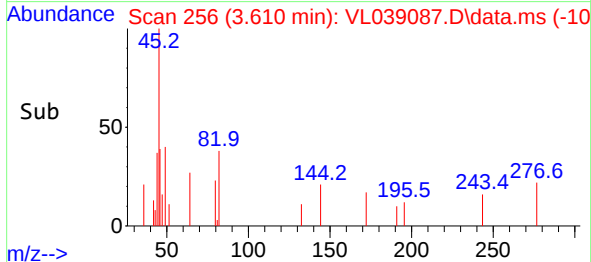
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



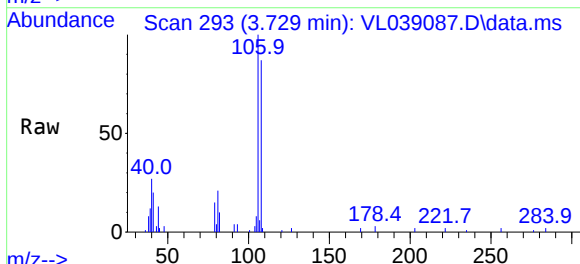
Tgt Ion: 45 Resp: 2438
Ion Ratio Lower Upper
45 100
46 57.4 18.0 72.2

Manual Integrations
APPROVED

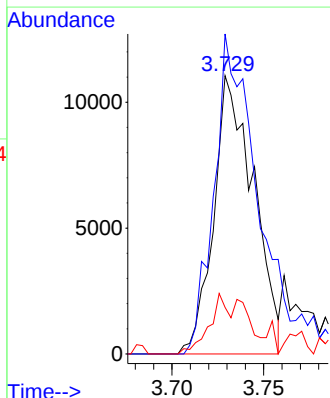
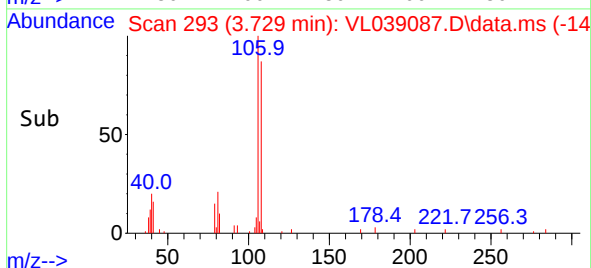
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

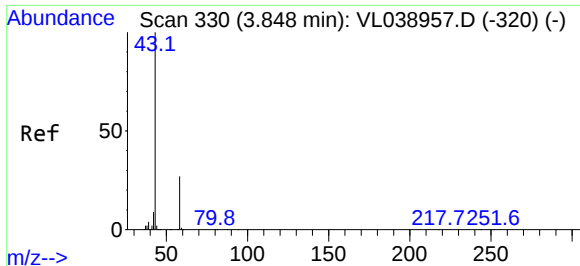


#14
Bromoethene
Concen: 0.407 ppbv
RT: 3.729 min Scan# 293
Delta R.T. -0.009 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23



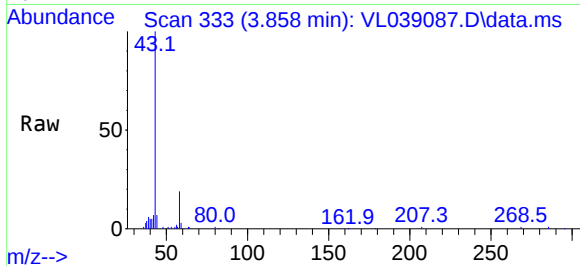
Tgt Ion:108 Resp: 16699
Ion Ratio Lower Upper
108 100
106 132.7 90.3 135.5
79 21.8 14.9 22.3





#15
Acetone
Concen: 0.669 ppbv m
RT: 3.858 min Scan# 31
Delta R.T. 0.010 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

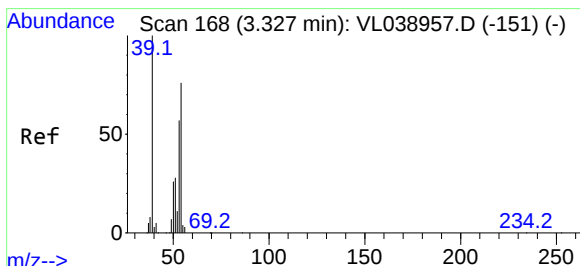
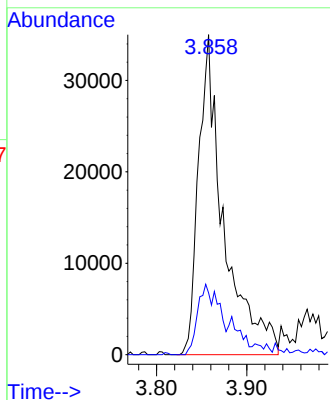
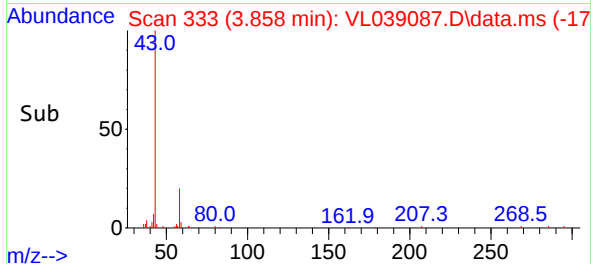
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



Tgt Ion: 43 Resp: 6788
Ion Ratio Lower Upper
43 100
58 27.2 21.3 31.9

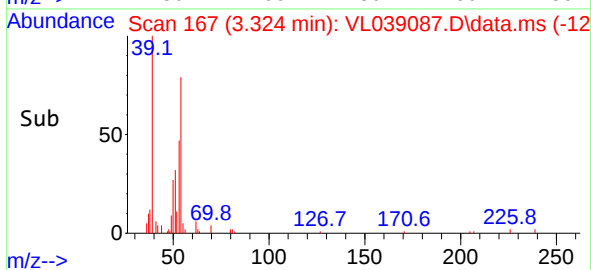
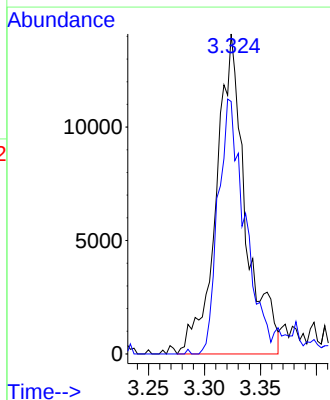
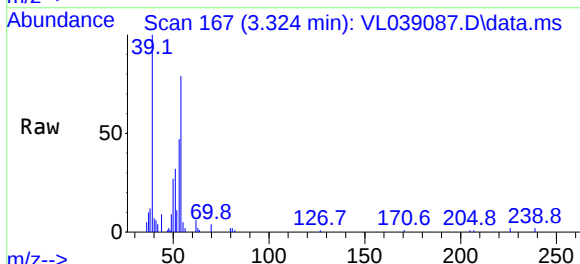
Manual Integrations
APPROVED

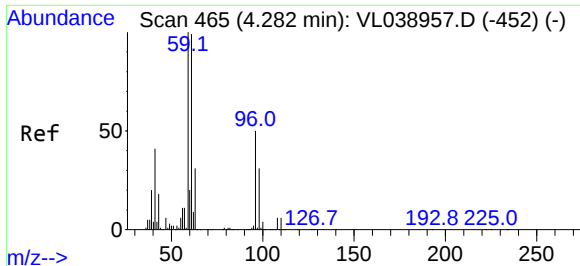
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#16
1,3-Butadiene
Concen: 0.440 ppbv m
RT: 3.324 min Scan# 167
Delta R.T. -0.003 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

Tgt Ion: 39 Resp: 25625
Ion Ratio Lower Upper
39 100
54 0.0 65.2 97.8#





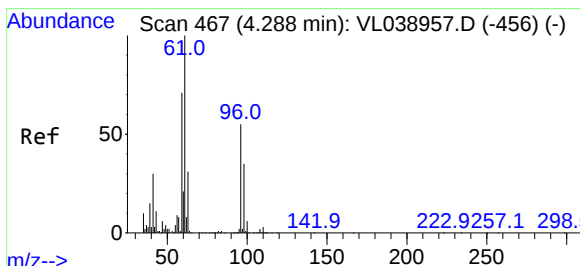
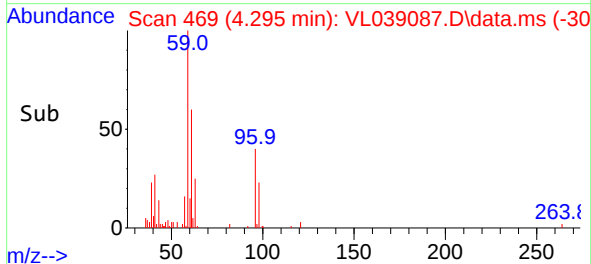
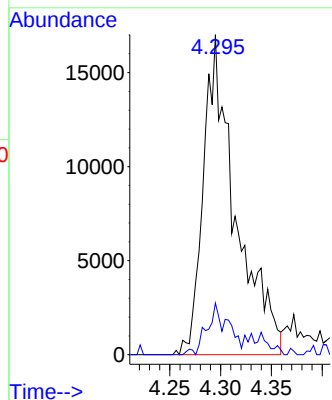
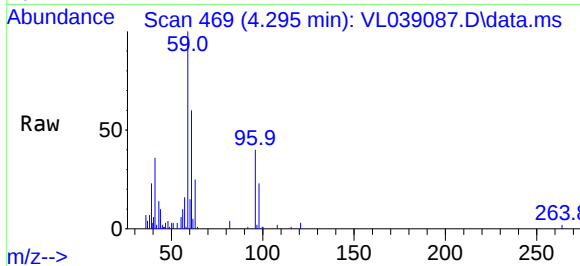
#17
tert-Butyl alcohol
Concen: 0.481 ppbv m
RT: 4.295 min Scan# 469
Delta R.T. 0.013 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 59 Resp: 37479
Ion Ratio Lower Upper
59 100
57 0.0 9.2 13.8

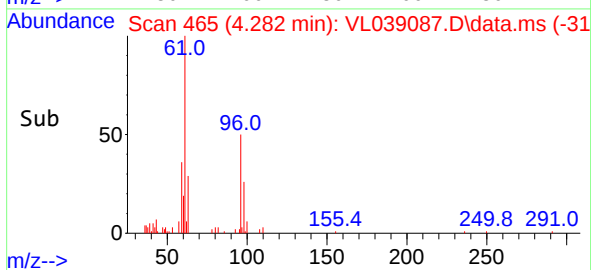
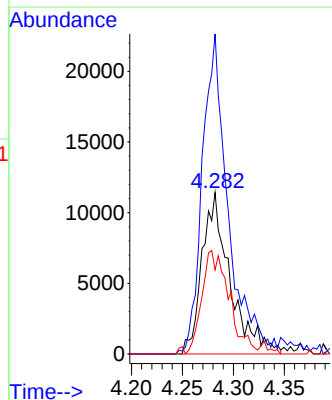
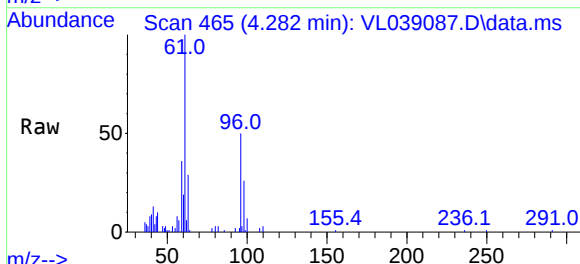
Manual Integrations
APPROVED

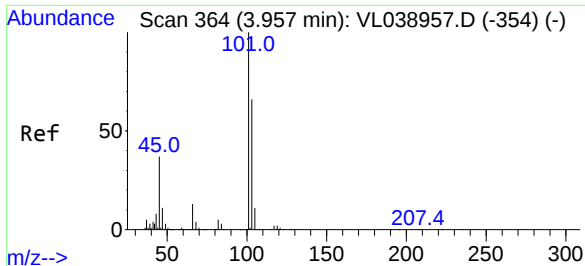
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#18
1,1-Dichloroethene
Concen: 0.509 ppbv m
RT: 4.282 min Scan# 465
Delta R.T. -0.006 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

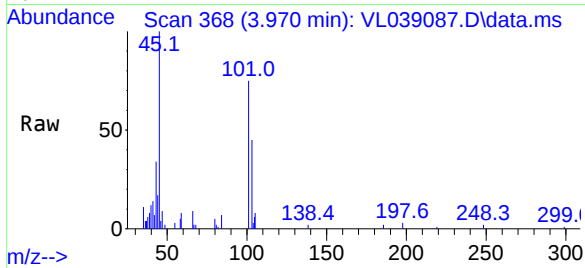
Tgt Ion: 96 Resp: 21826
Ion Ratio Lower Upper
96 100
61 198.3 146.3 219.5
98 52.1 50.6 75.8





#19
Isopropyl Alcohol
Concen: 0.488 ppbv m
RT: 3.970 min Scan# 30
Delta R.T. 0.013 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

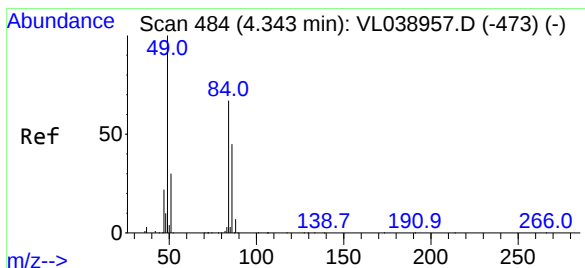
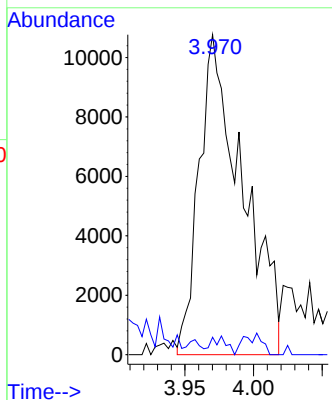
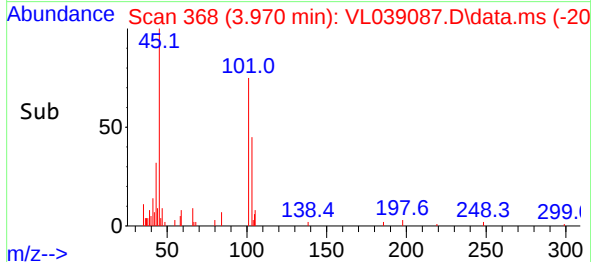
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



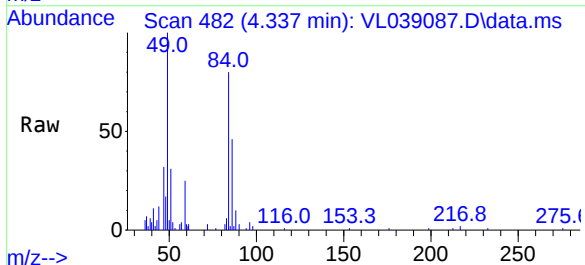
Tgt Ion: 45 Resp: 2356
Ion Ratio Lower Upper
45 100
58 6.0 1.4 2.2

Manual Integrations
APPROVED

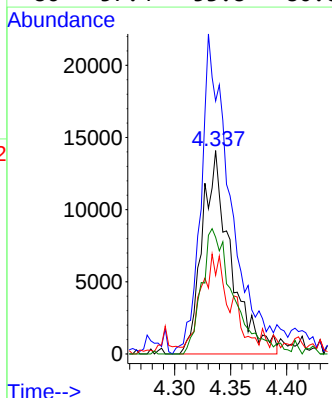
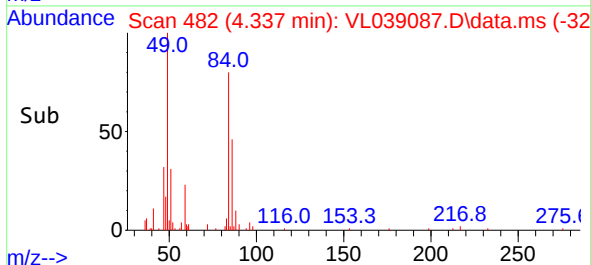
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

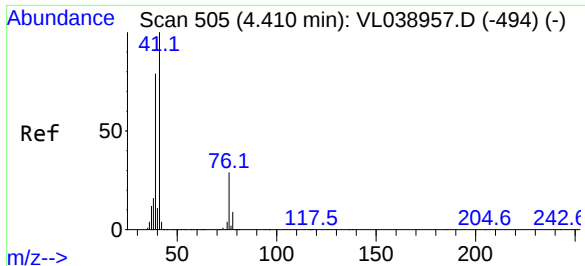


#20
Methylene Chloride
Concen: 0.653 ppbv m
RT: 4.337 min Scan# 482
Delta R.T. -0.006 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23



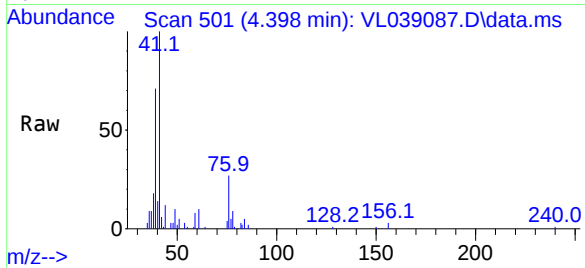
Tgt Ion: 84 Resp: 24986
Ion Ratio Lower Upper
84 100
49 124.3 119.9 179.9
51 38.7 35.7 53.5
86 57.4 53.8 80.6





#21
 Allyl Chloride
 Concen: 0.424 ppbv m
 RT: 4.398 min Scan# 505
 Delta R.T. -0.013 min
 Lab File: VL039087.D
 Acq: 23 May 2022 16:23

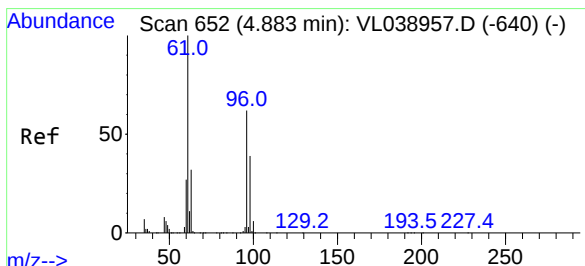
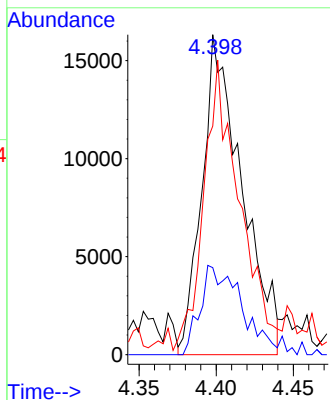
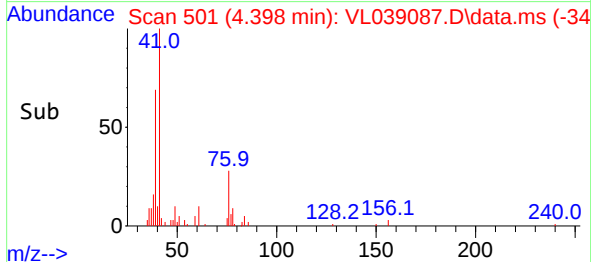
Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 MDL



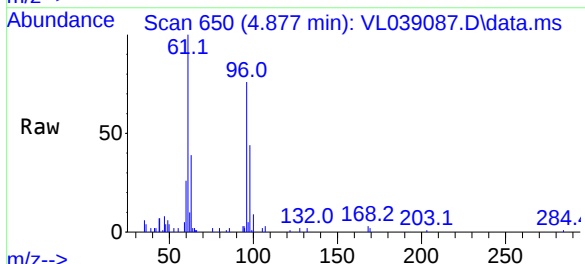
Tgt Ion: 41 Resp: 2933
 Ion Ratio Lower Upper
 41 100
 76 30.1 24.2 36.4
 39 95.8 63.8 95.8

Manual Integrations
 APPROVED

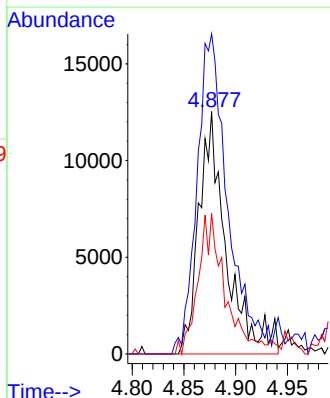
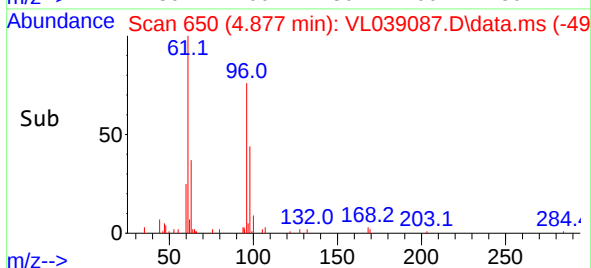
Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022

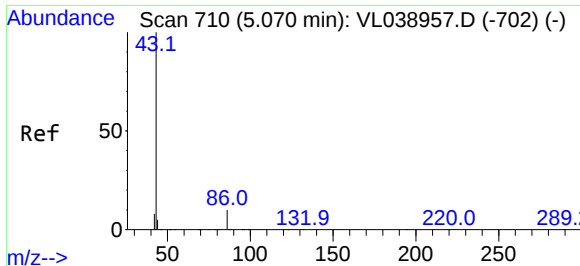


#22
 trans-1,2-Dichloroethene
 Concen: 0.496 ppbv m
 RT: 4.877 min Scan# 650
 Delta R.T. -0.006 min
 Lab File: VL039087.D
 Acq: 23 May 2022 16:23



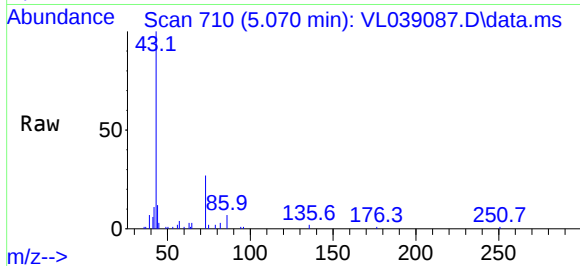
Tgt Ion: 96 Resp: 22949
 Ion Ratio Lower Upper
 96 100
 61 132.0 128.2 192.2
 98 58.0 50.1 75.1





#23
 Vinyl Acetate
 Concen: 0.522 ppbv m
 RT: 5.070 min Scan# 710
 Delta R.T. 0.000 min
 Lab File: VL039087.D
 Acq: 23 May 2022 16:23

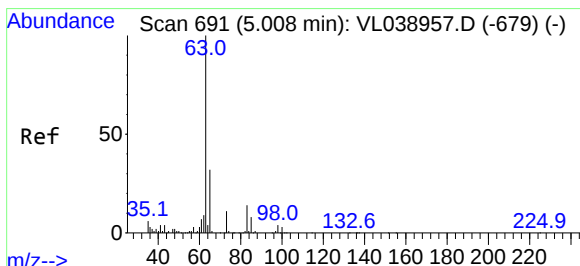
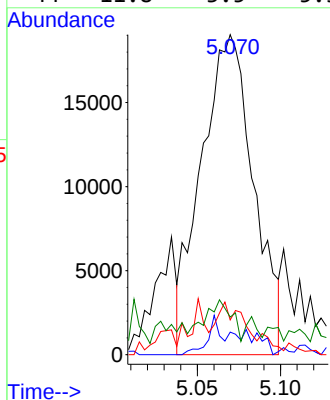
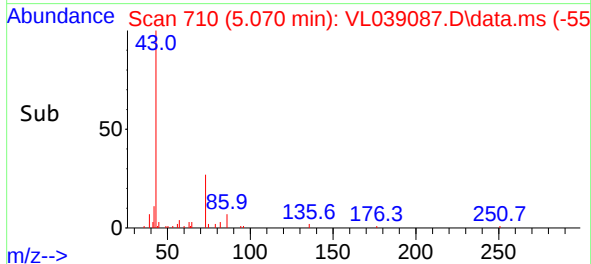
Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 MDL



Tgt Ion: 43 Resp: 41912
 Ion Ratio Lower Upper
 43 100
 86 7.1 6.6 9.8
 42 10.9 8.1 12.1
 44 11.8 3.5 5.3#

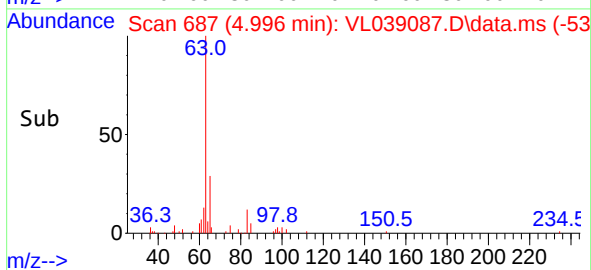
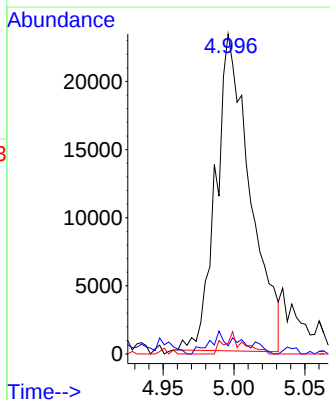
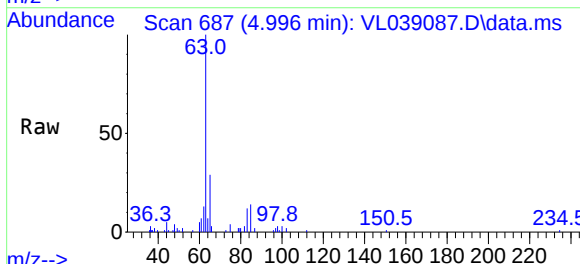
Manual Integrations
 APPROVED

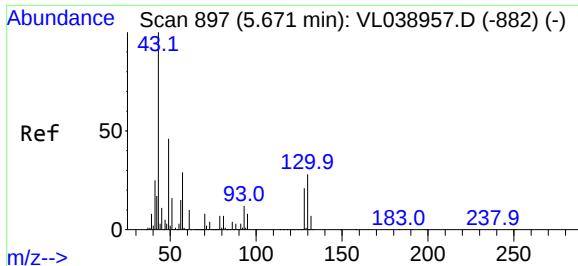
Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022



#24
 1,1-Dichloroethane
 Concen: 0.424 ppbv
 RT: 4.996 min Scan# 687
 Delta R.T. -0.013 min
 Lab File: VL039087.D
 Acq: 23 May 2022 16:23

Tgt Ion: 63 Resp: 39228
 Ion Ratio Lower Upper
 63 100
 98 3.9 2.1 6.2
 100 3.4 1.4 4.2





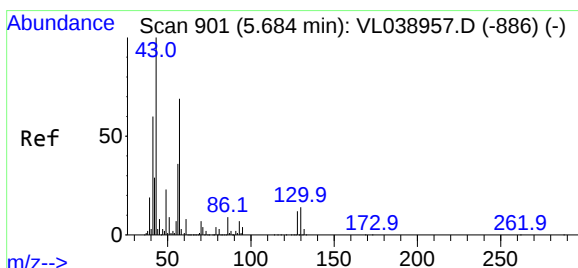
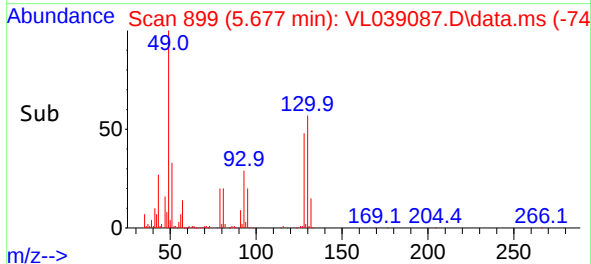
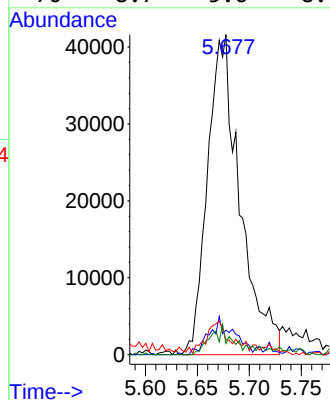
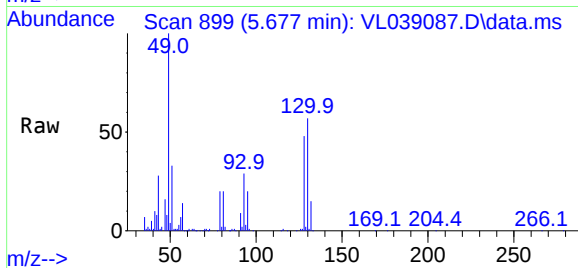
#25
Ethyl Acetate
Concen: 0.372 ppbv m
RT: 5.677 min Scan# 899
Delta R.T. 0.007 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 43	Resp: 90439
Ion Ratio	Lower Upper
43 100	
45 11.7	8.1 12.1
61 9.8	7.8 11.6
70 8.7	5.6 8.4#

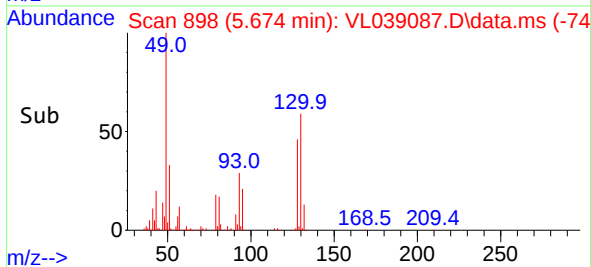
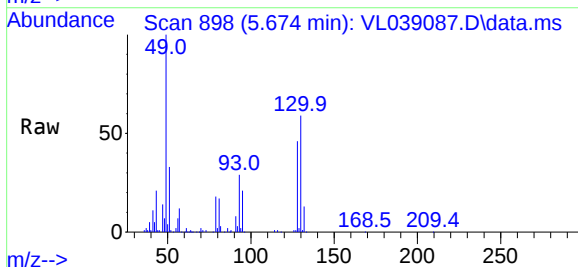
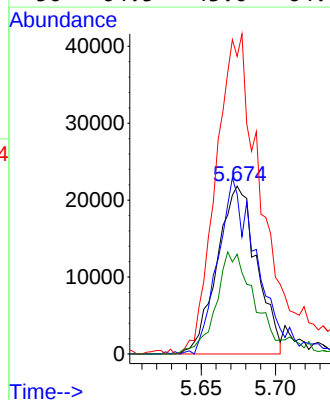
Manual Integrations
APPROVED

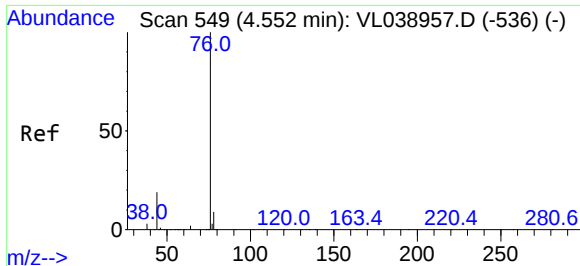
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#26
Hexane
Concen: 0.376 ppbv
RT: 5.674 min Scan# 898
Delta R.T. -0.010 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

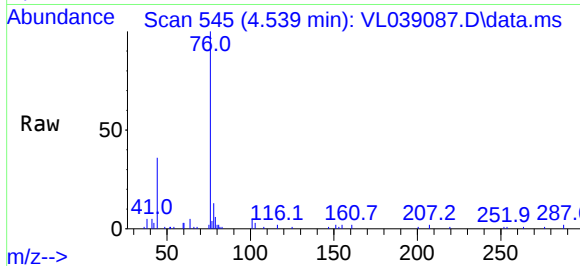
Tgt Ion: 57	Resp: 40564		
Ion	Ratio	Lower	Upper
57	100		
41	106.0	75.2	112.8
43	238.9	190.8	286.2
56	64.5	43.0	64.6





#27
Carbon Disulfide
Concen: 0.374 ppbv m
RT: 4.539 min Scan# 549
Delta R.T. -0.013 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

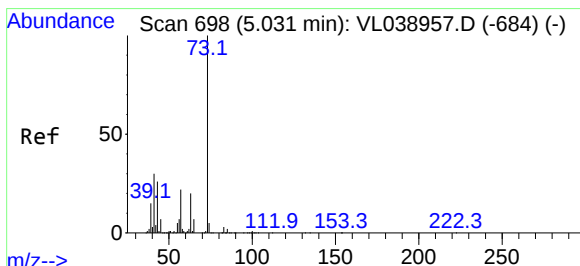
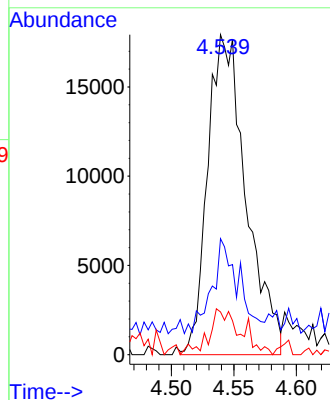
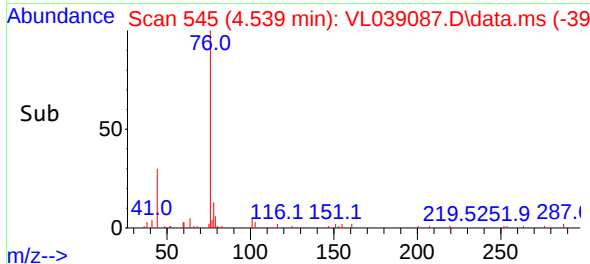
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



Tgt Ion: 76 Resp: 3836
Ion Ratio Lower Upper
76 100
44 21.6 15.3 22.9
78 12.0 8.2 12.2

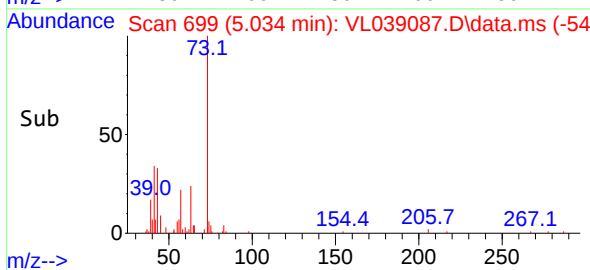
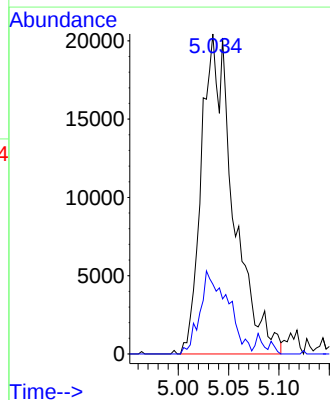
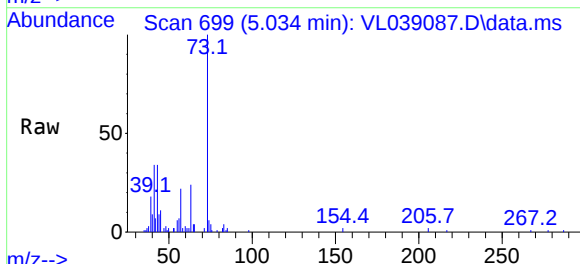
Manual Integrations
APPROVED

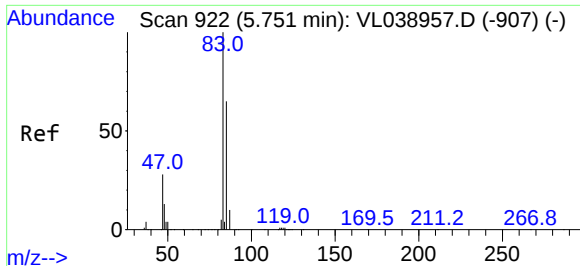
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#28
Methyl tert-Butyl Ether
Concen: 0.550 ppbv m
RT: 5.034 min Scan# 699
Delta R.T. 0.003 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

Tgt Ion: 73 Resp: 45138
Ion Ratio Lower Upper
73 100
57 24.8 18.8 28.2





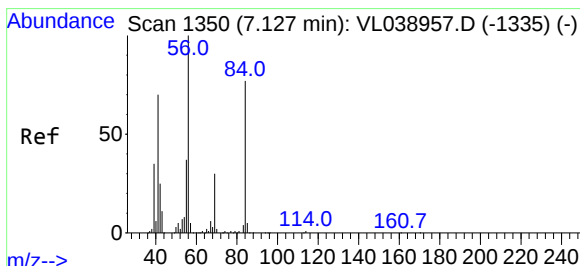
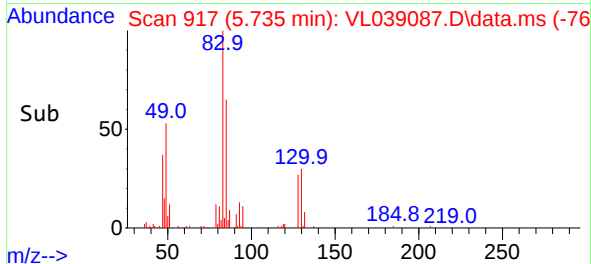
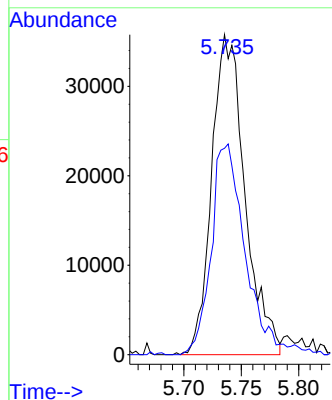
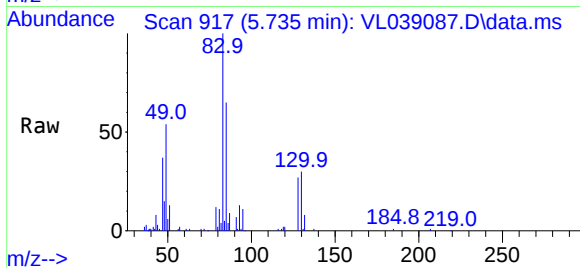
#29
Chloroform
Concen: 0.412 ppbv m
RT: 5.735 min Scan# 917
Delta R.T. -0.016 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 83 Resp: 71884
Ion Ratio Lower Upper
83 100
85 64.5 51.8 77.6

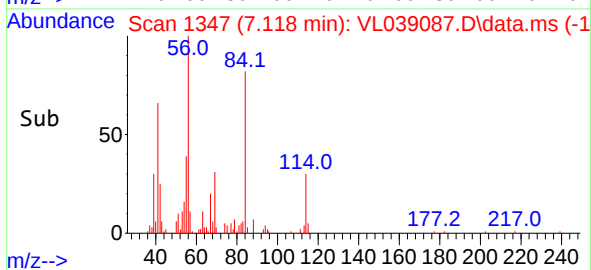
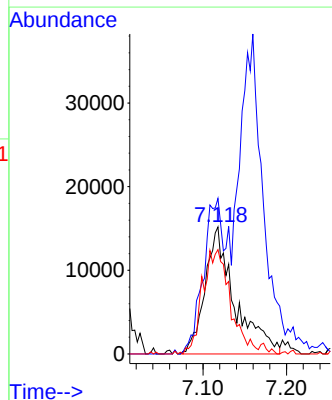
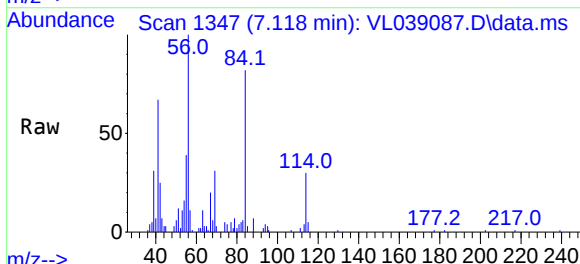
Manual Integrations
APPROVED

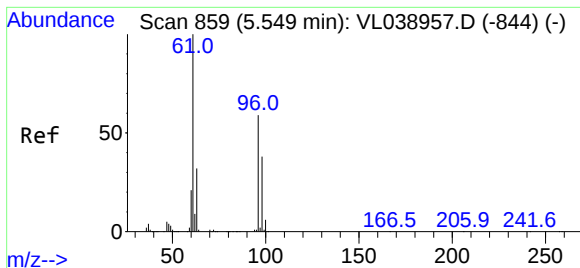
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#30
Cyclohexane
Concen: 0.416 ppbv m
RT: 7.118 min Scan# 1347
Delta R.T. -0.010 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

Tgt Ion: 84 Resp: 37541
Ion Ratio Lower Upper
84 100
56 97.7 115.3 172.9#
41 79.5 72.0 108.0





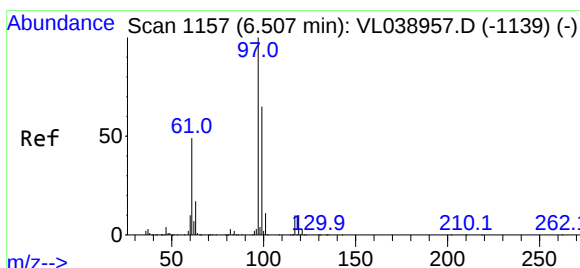
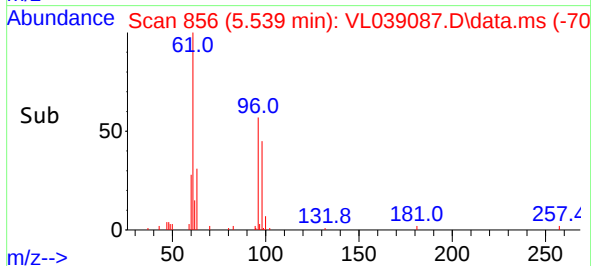
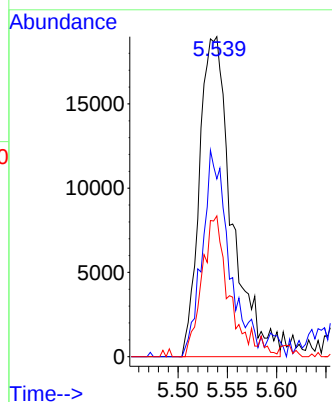
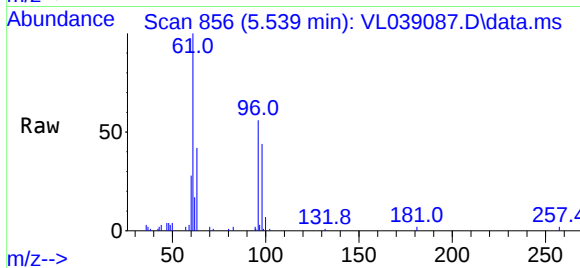
#31
cis-1,2-Dichloroethene
Concen: 0.393 ppbv m
RT: 5.539 min Scan# 81
Delta R.T. -0.010 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 61 Resp: 4325
Ion Ratio Lower Upper
61 100
96 55.6 47.4 71.0
98 44.0 30.6 45.8

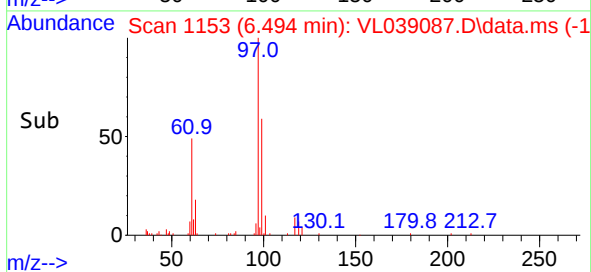
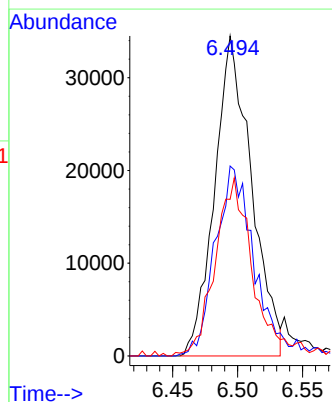
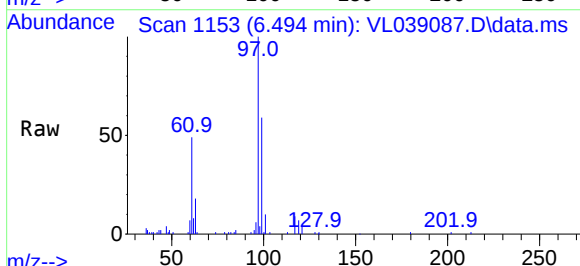
Manual Integrations
APPROVED

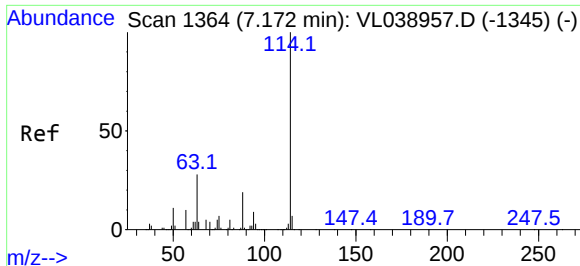
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#32
1,1,1-Trichloroethane
Concen: 0.390 ppbv
RT: 6.494 min Scan# 1153
Delta R.T. -0.013 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

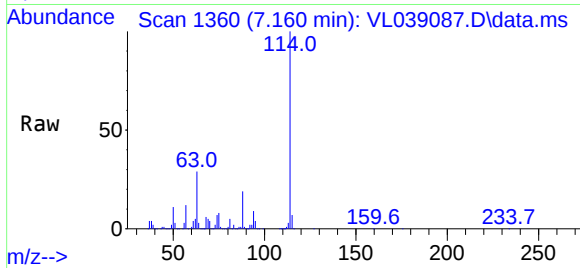
Tgt Ion: 97 Resp: 68122
Ion Ratio Lower Upper
97 100
99 64.1 51.9 77.9
61 57.8 40.9 61.3





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.160 min Scan# 114
Delta R.T. -0.013 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

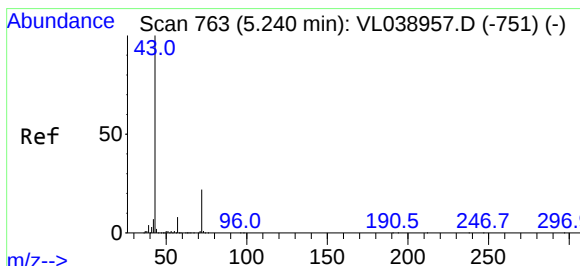
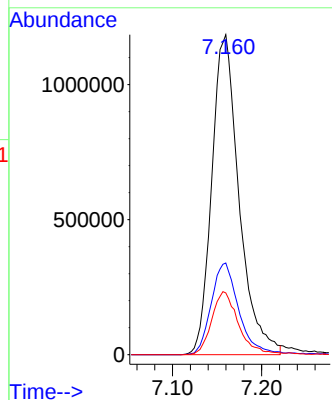
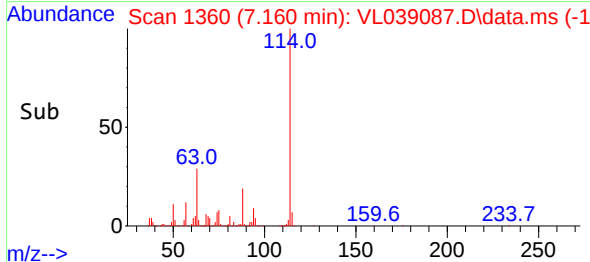
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



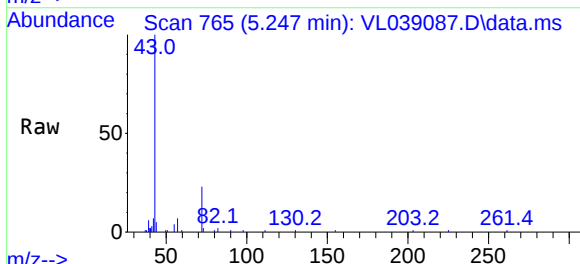
Tgt Ion:114 Resp: 252078
Ion Ratio Lower Upper
114 100
63 29.5 22.6 33.8
88 19.7 15.4 23.0

Manual Integrations
APPROVED

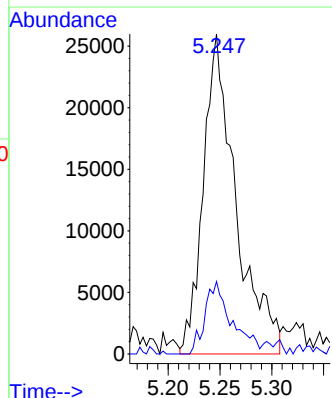
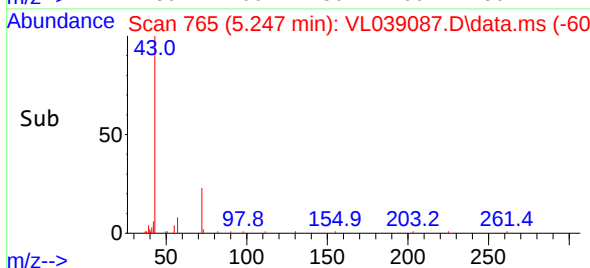
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

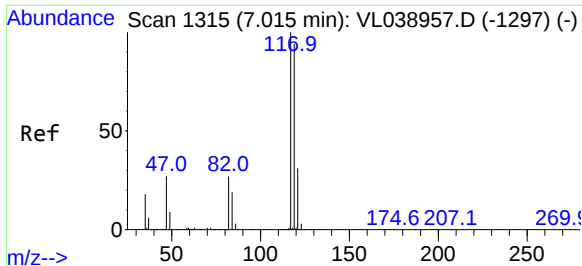


#34
2-Butanone
Concen: 0.444 ppbv m
RT: 5.247 min Scan# 765
Delta R.T. 0.007 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23



Tgt Ion: 43 Resp: 57052
Ion Ratio Lower Upper
43 100
72 21.5 17.8 26.6





#35
Carbon Tetrachloride
Concen: 0.382 ppbv
RT: 7.002 min Scan# 117
Delta R.T. -0.013 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

Instrument :

MSVOA_L

ClientSampleId :

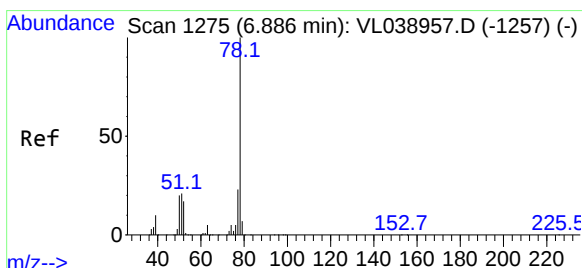
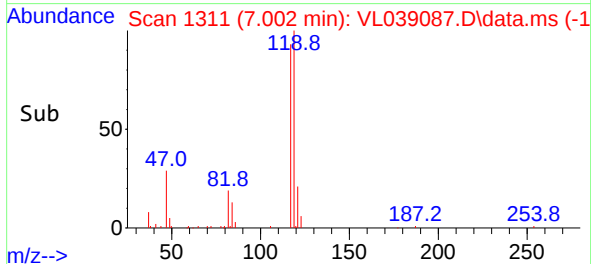
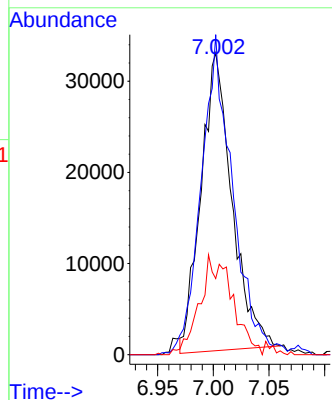
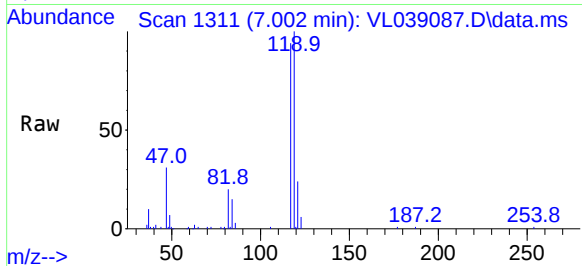
0.4 MDL

Tgt Ion:117 Resp: 63375
Ion Ratio Lower Upper
117 100
119 105.9 75.2 112.8
121 24.7 24.6 37.0

Manual Integrations

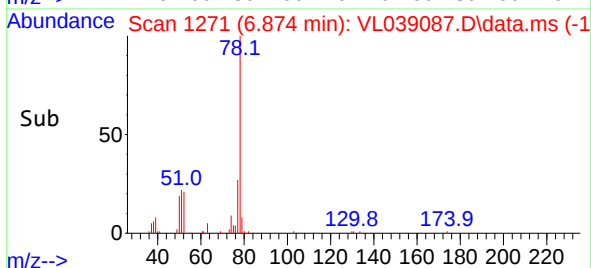
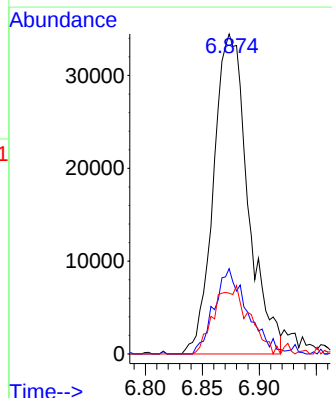
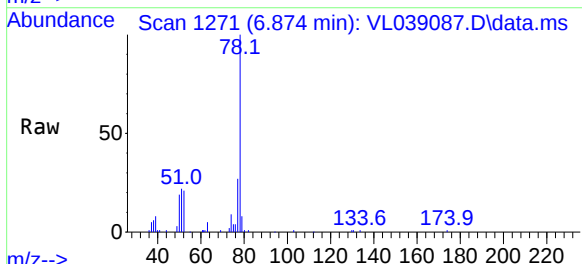
APPROVED

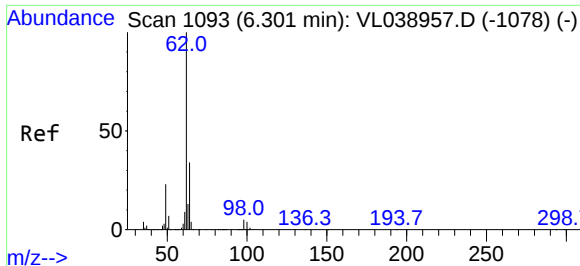
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#36
Benzene
Concen: 0.336 ppbv m
RT: 6.874 min Scan# 1271
Delta R.T. -0.013 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

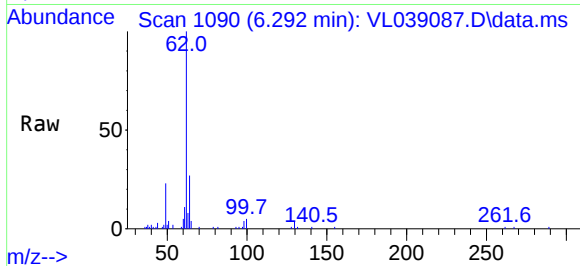
Tgt Ion: 78 Resp: 72493
Ion Ratio Lower Upper
78 100
77 26.7 18.6 28.0
50 19.0 15.6 23.4





#37
1,2-Dichloroethane
Concen: 0.422 ppbv
RT: 6.292 min Scan# 1093
Delta R.T. -0.010 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

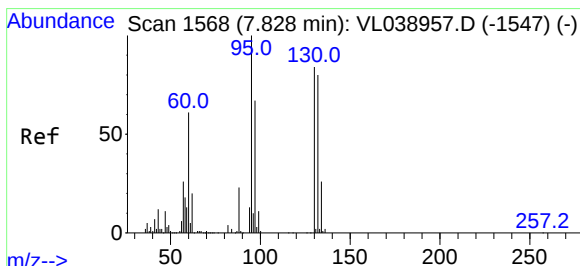
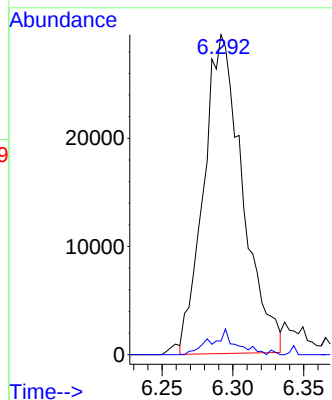
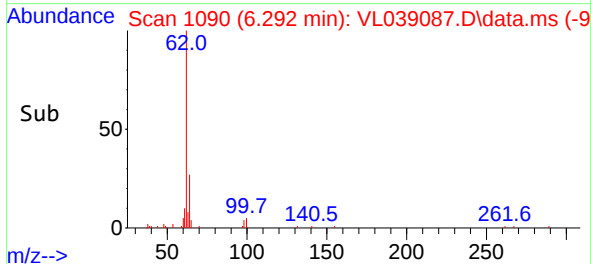
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



Tgt Ion: 62 Resp: 56290
Ion Ratio Lower Upper
62 100
98 5.7 4.5 6.7

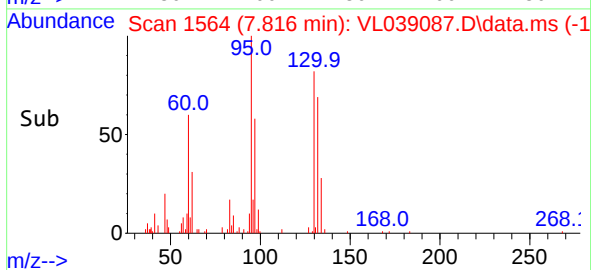
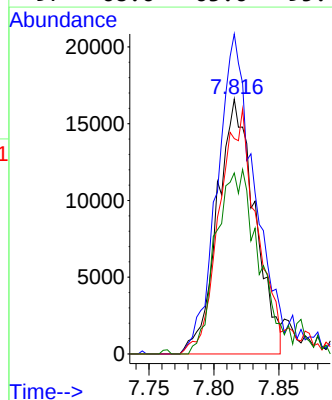
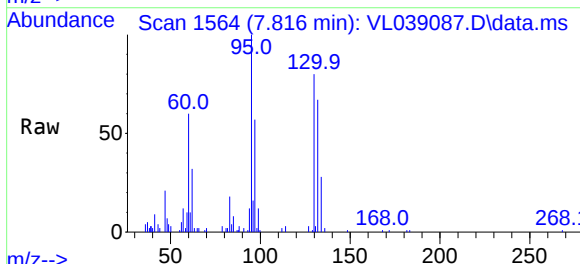
Manual Integrations
APPROVED

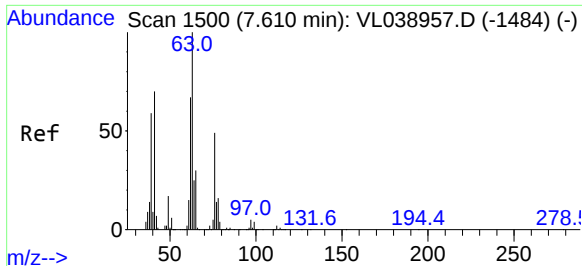
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#38
Trichloroethene
Concen: 0.347 ppbv
RT: 7.816 min Scan# 1564
Delta R.T. -0.013 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

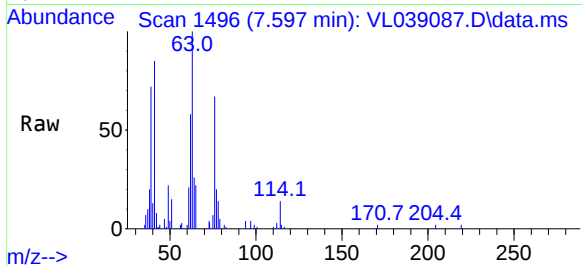
Tgt Ion:130 Resp: 33311
Ion Ratio Lower Upper
130 100
95 121.4 94.8 142.2
132 81.7 75.8 113.8
97 68.6 63.6 95.4





#39
1,2-Dichloropropane
Concen: 0.385 ppbv m
RT: 7.597 min Scan# 14
Delta R.T. -0.013 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

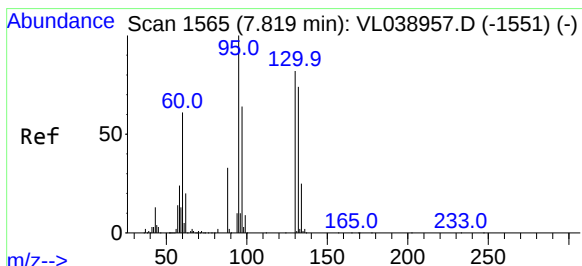
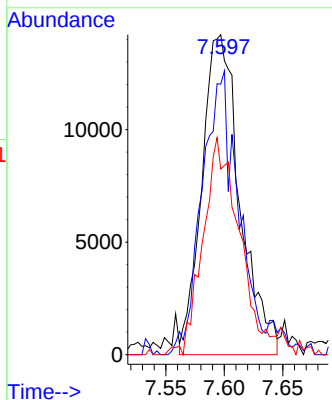
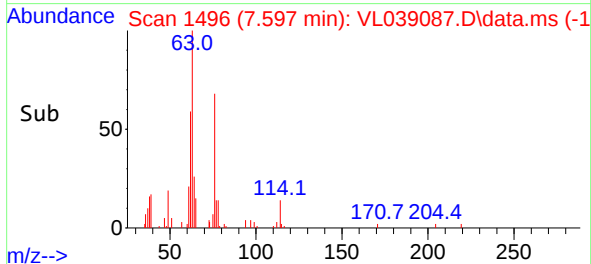
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



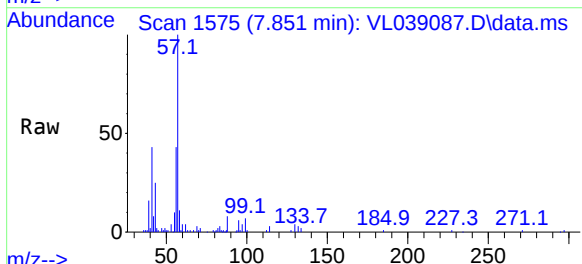
Tgt Ion: 63 Resp: 32352
Ion Ratio Lower Upper
63 100
41 84.5 55.9 83.9#
62 58.0 53.8 80.6

Manual Integrations
APPROVED

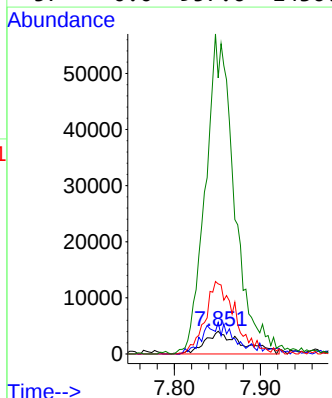
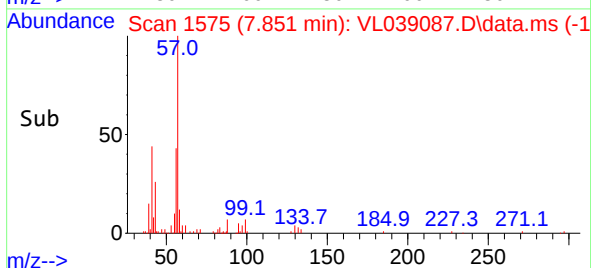
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

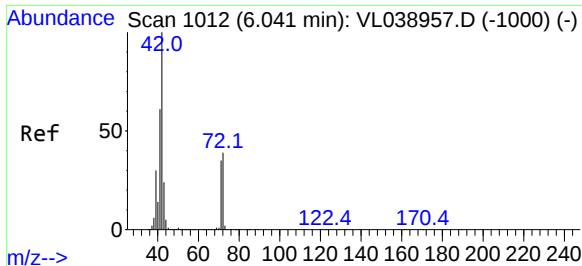


#40
1,4-Dioxane
Concen: 0.403 ppbv m
RT: 7.851 min Scan# 1575
Delta R.T. 0.032 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23



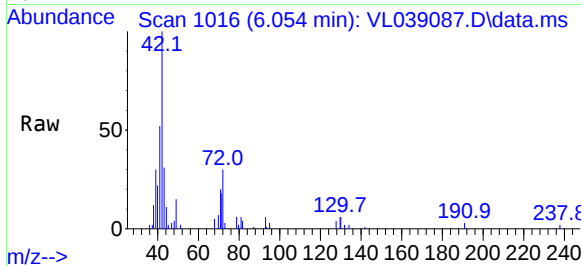
Tgt Ion: 88 Resp: 12137
Ion Ratio Lower Upper
88 100
58 0.0 106.1 159.1#
43 0.0 222.9 334.3#
57 0.0 957.6 1436.4#





#41
Tetrahydrofuran
Concen: 0.333 ppbv m
RT: 6.054 min Scan# 1012
Delta R.T. 0.013 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

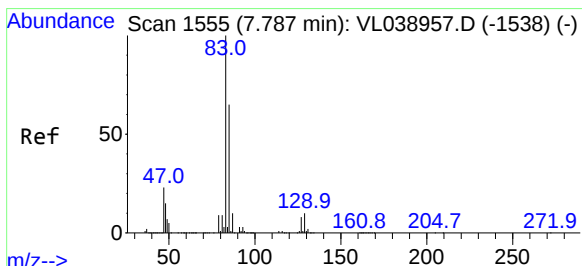
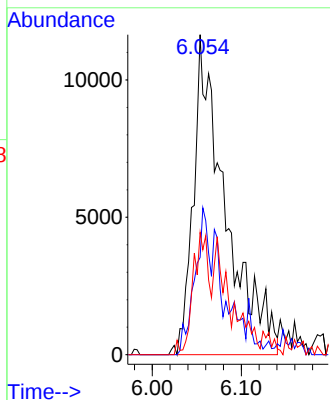
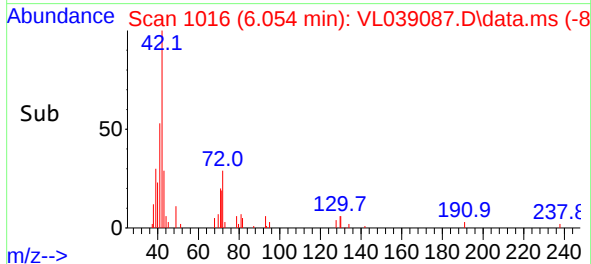
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



Tgt Ion: 42 Resp: 2880
Ion Ratio Lower Upper
42 100
72 41.2 31.8 47.6
71 41.7 30.6 45.8

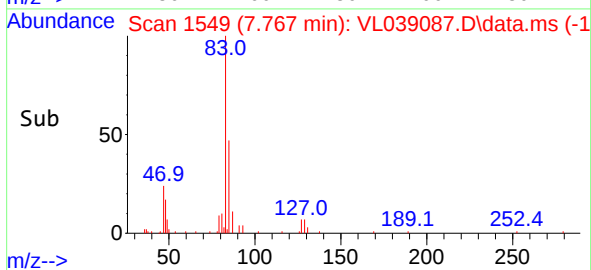
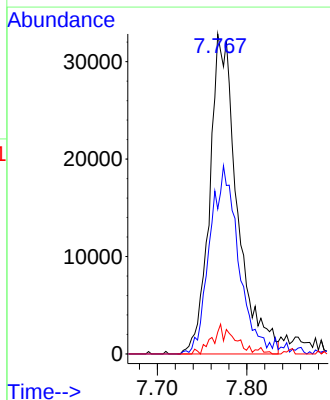
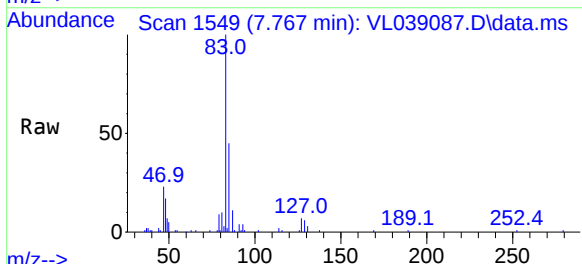
Manual Integrations
APPROVED

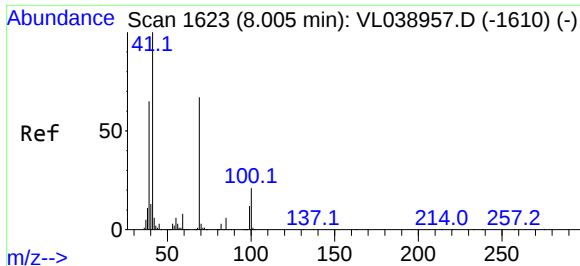
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#42
Bromodichloromethane
Concen: 0.385 ppbv m
RT: 7.767 min Scan# 1549
Delta R.T. -0.019 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

Tgt Ion: 83 Resp: 70233
Ion Ratio Lower Upper
83 100
85 45.3 52.0 78.0#
127 6.8 6.0 9.0





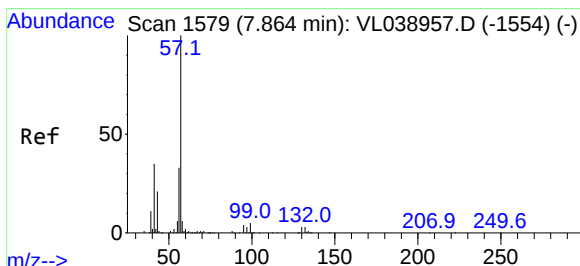
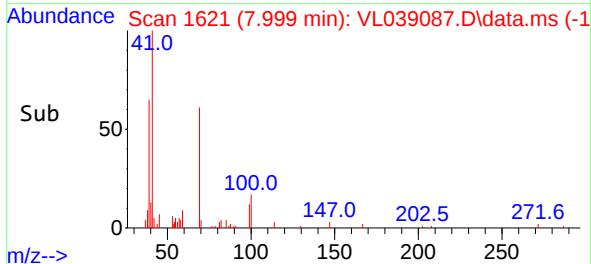
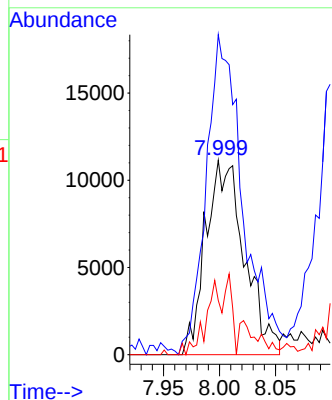
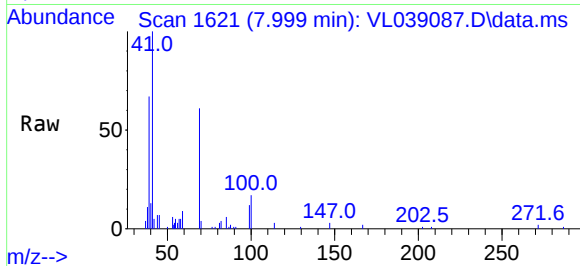
#43
Methyl Methacrylate
Concen: 0.308 ppbv m
RT: 7.999 min Scan# 1623
Delta R.T. -0.006 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 69 Resp: 26990
Ion Ratio Lower Upper
69 100
41 0.0 121.9 182.9#
100 0.0 24.6 36.8#

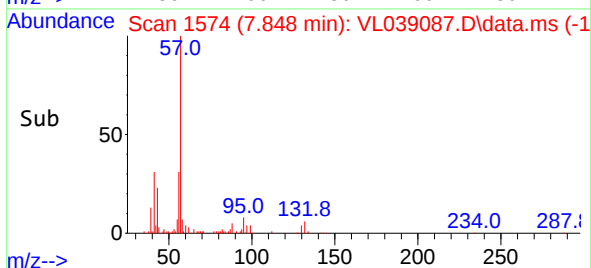
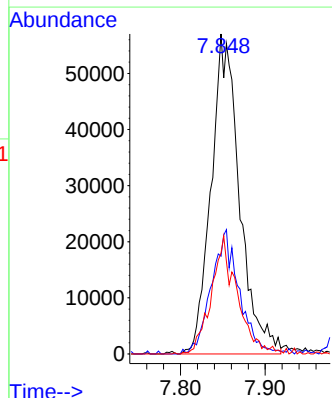
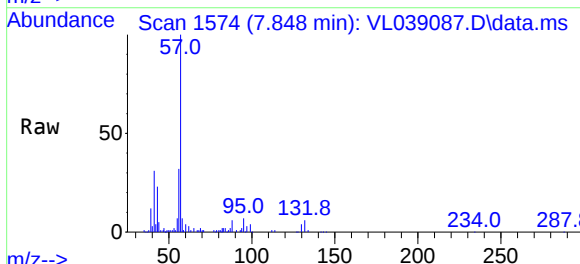
Manual Integrations
APPROVED

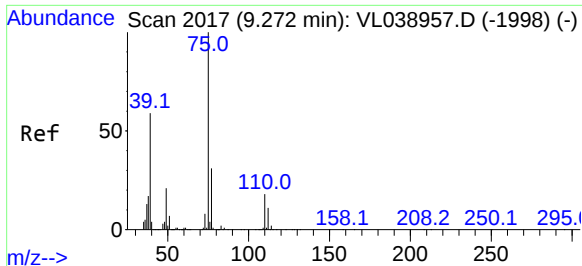
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#44
2,2,4-Trimethylpentane
Concen: 0.352 ppbv m
RT: 7.848 min Scan# 1574
Delta R.T. -0.016 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

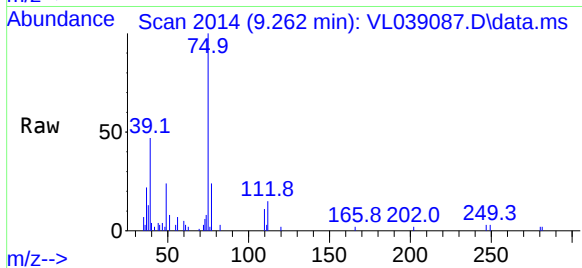
Tgt Ion: 57 Resp: 133384
Ion Ratio Lower Upper
57 100
41 0.0 26.3 39.5#
56 0.0 24.6 37.0#





#45
t-1,3-Dichloropropene
Concen: 0.273 ppbv m
RT: 9.262 min Scan# 2017
Delta R.T. -0.009 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

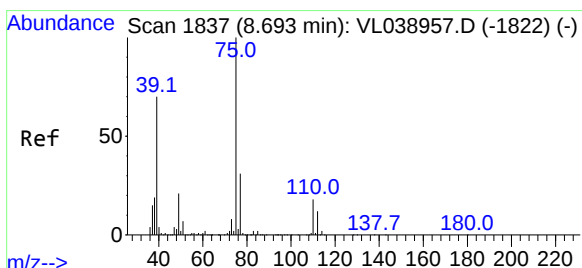
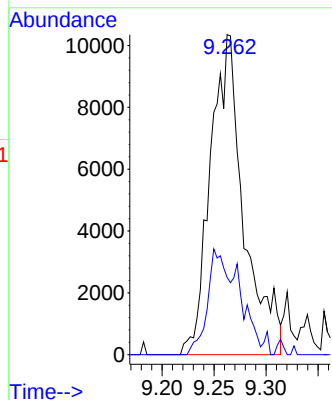
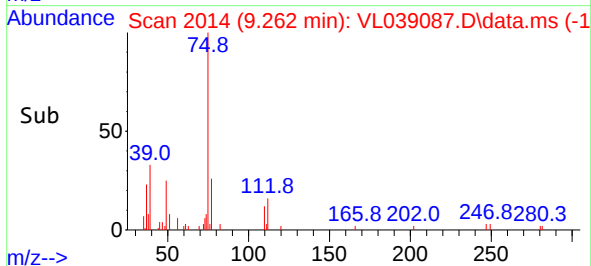
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



Tgt Ion: 75 Resp: 2317
Ion Ratio Lower Upper
75 100
77 24.2 24.6 37.0

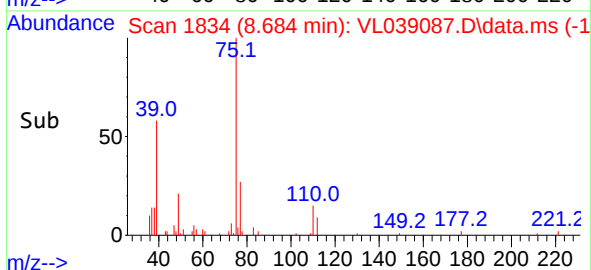
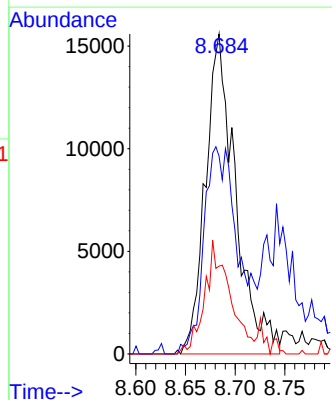
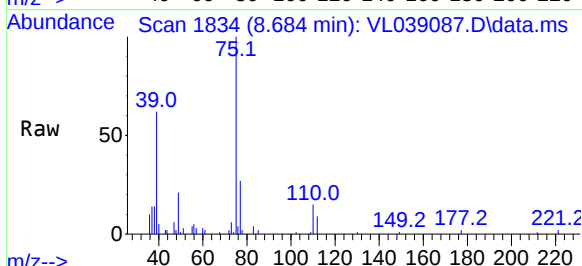
Manual Integrations
APPROVED

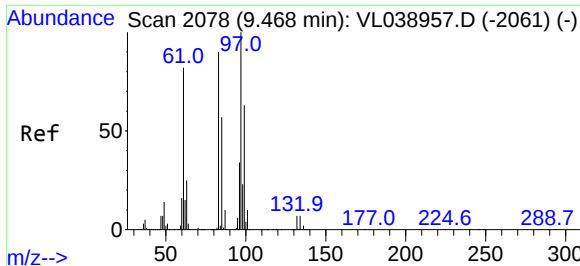
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#46
cis-1,3-Dichloropropene
Concen: 0.292 ppbv m
RT: 8.684 min Scan# 1834
Delta R.T. -0.010 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

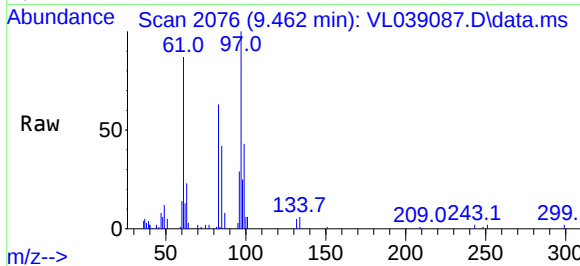
Tgt Ion: 75 Resp: 32870
Ion Ratio Lower Upper
75 100
39 61.8 55.8 83.6
77 27.5 24.8 37.2





#47
1,1,2-Trichloroethane
Concen: 0.379 ppbv m
RT: 9.462 min Scan# 2078
Delta R.T. -0.006 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

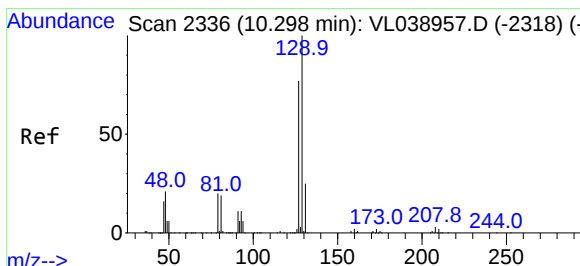
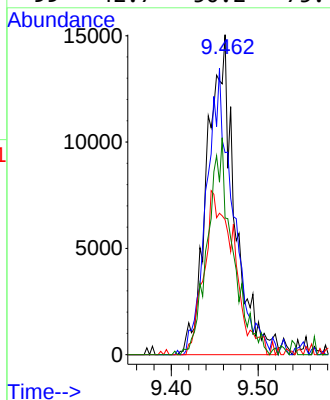
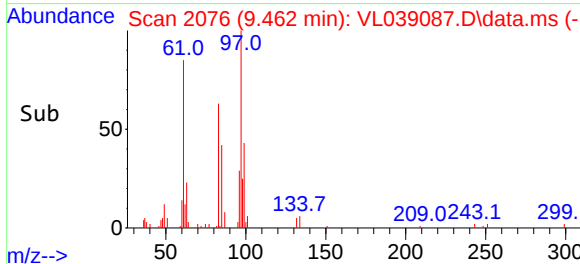
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



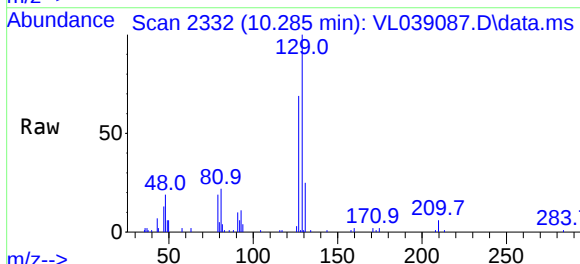
Tgt Ion: 97 Resp: 3307
Ion Ratio Lower Upper
97 100
83 63.2 72.0 108.0
85 42.2 45.7 68.5
99 42.7 50.2 75.4

Manual Integrations
APPROVED

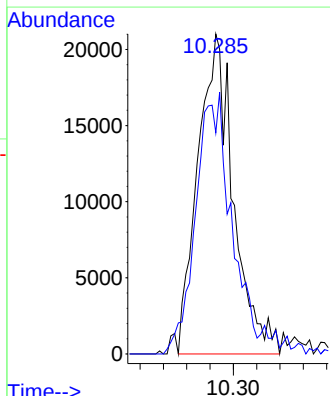
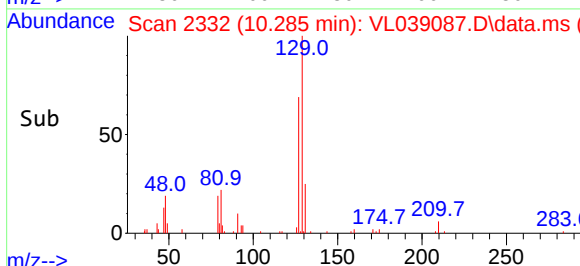
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

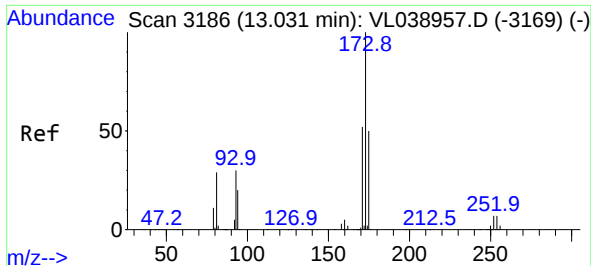


#48
Dibromochloromethane
Concen: 0.313 ppbv m
RT: 10.285 min Scan# 2332
Delta R.T. -0.013 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23



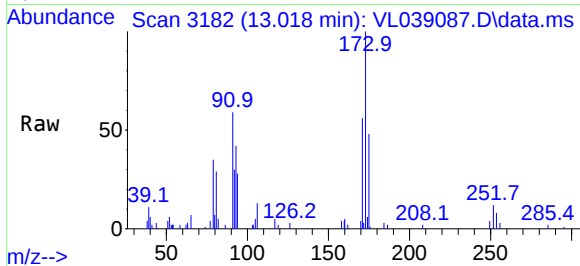
Tgt Ion:129 Resp: 44529
Ion Ratio Lower Upper
129 100
127 84.7 39.3 117.9





#49
Bromoform
Concen: 0.305 ppbv m
RT: 13.018 min Scan# 3186
Delta R.T. -0.013 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

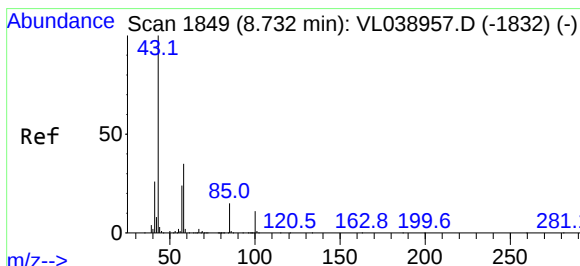
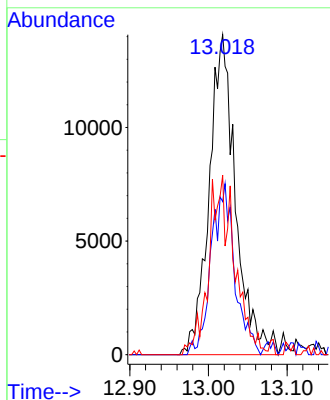
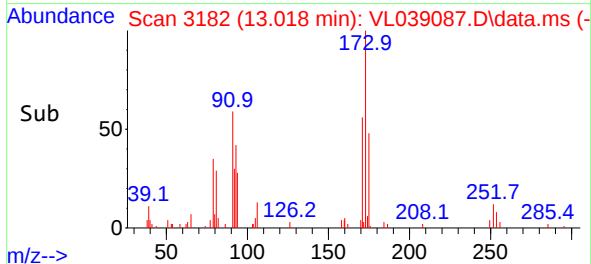
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



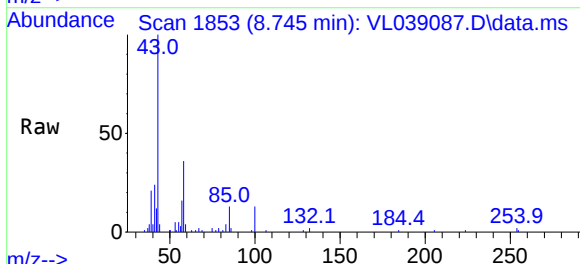
Tgt Ion:173 Resp: 3300
Ion Ratio Lower Upper
173 100
175 48.7 41.0 61.6
171 55.1 42.6 64.0

Manual Integrations
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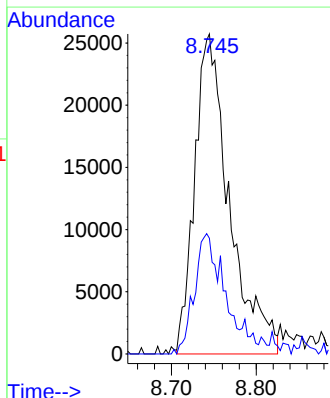
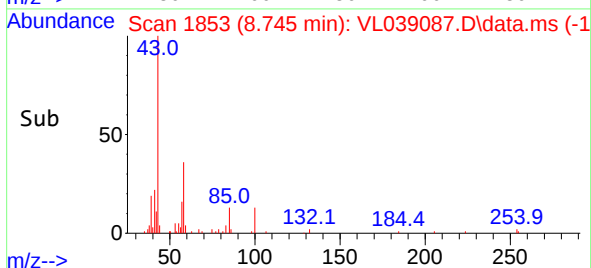
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

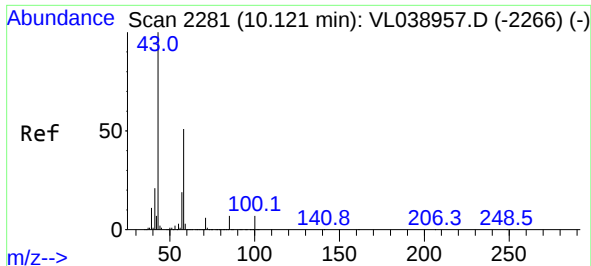


#50
4-Methyl-2-Pentanone
Concen: 0.324 ppbv m
RT: 8.745 min Scan# 1853
Delta R.T. 0.013 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23



Tgt Ion: 43 Resp: 73158
Ion Ratio Lower Upper
43 100
58 35.3 28.4 42.6





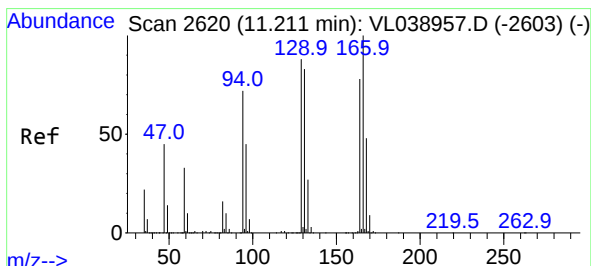
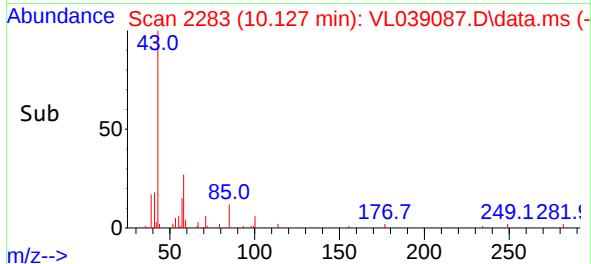
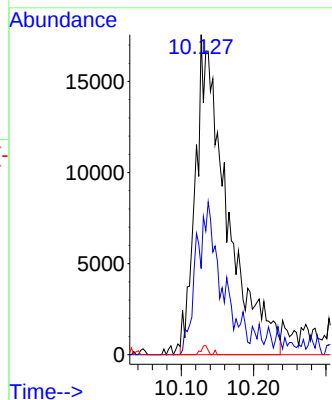
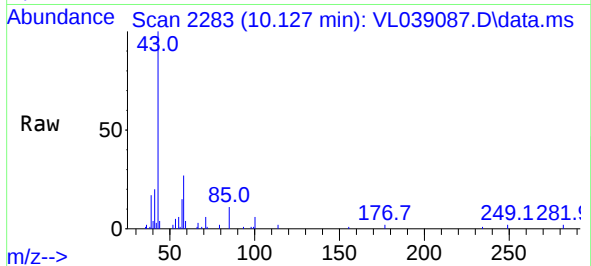
#51
2-Hexanone
Concen: 0.323 ppbv m
RT: 10.127 min Scan# 2177
Delta R.T. 0.007 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 43 Resp: 5317
Ion Ratio Lower Upper
43 100
58 0.0 39.3 58.9
98 0.0 0.2 0.2

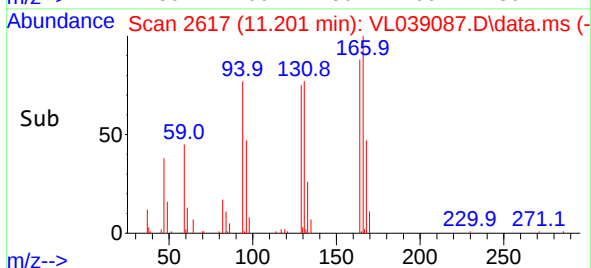
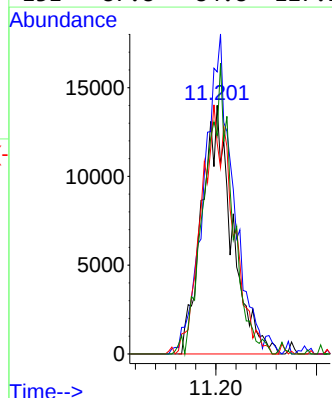
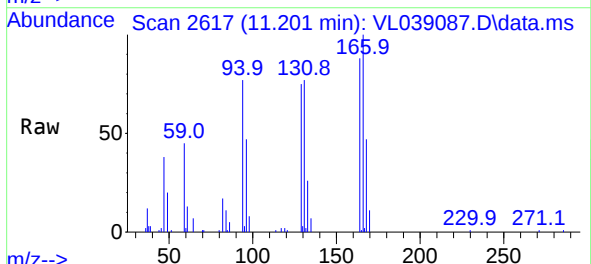
Manual Integrations
APPROVED

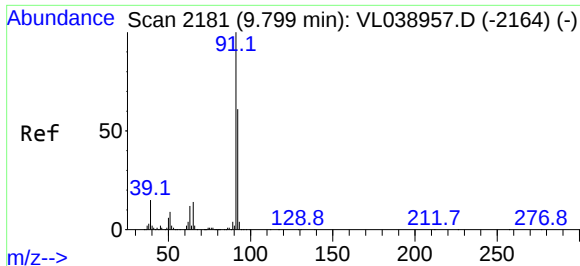
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#52
Tetrachloroethene
Concen: 0.380 ppbv m
RT: 11.201 min Scan# 2617
Delta R.T. -0.009 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

Tgt Ion:164 Resp: 29299
Ion Ratio Lower Upper
164 100
166 113.4 102.5 153.7
129 84.8 90.1 135.1#
131 87.8 84.8 127.2





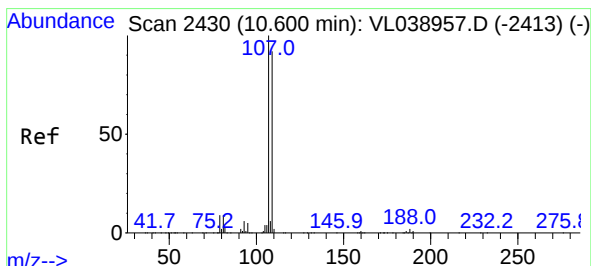
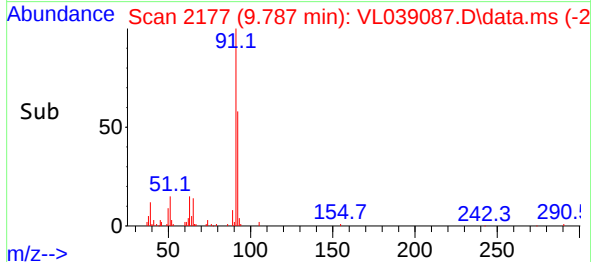
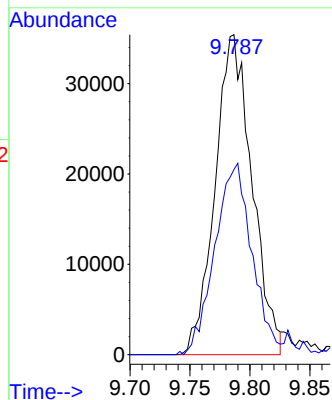
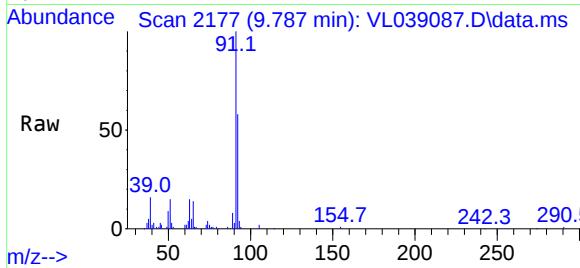
#53
Toluene
Concen: 0.313 ppbv
RT: 9.787 min Scan# 2181
Delta R.T. -0.013 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 91 Resp: 7578
Ion Ratio Lower Upper
91 100
92 63.1 48.2 72.2

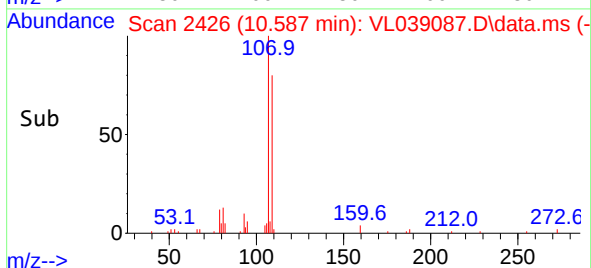
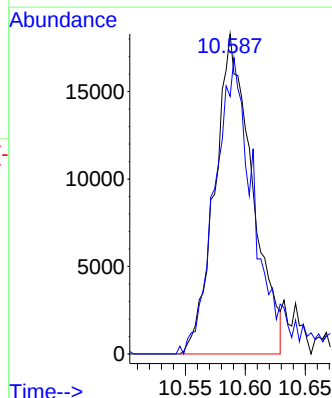
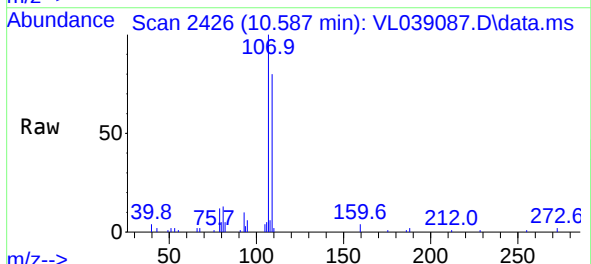
Manual Integrations
APPROVED

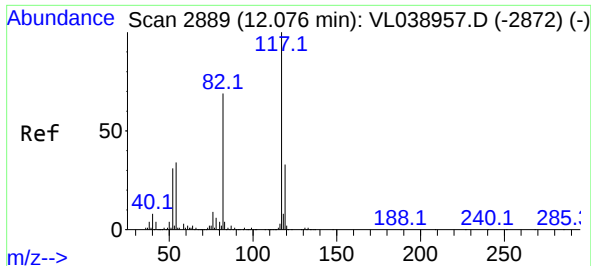
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#54
1,2-Dibromoethane
Concen: 0.333 ppbv
RT: 10.587 min Scan# 2426
Delta R.T. -0.013 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

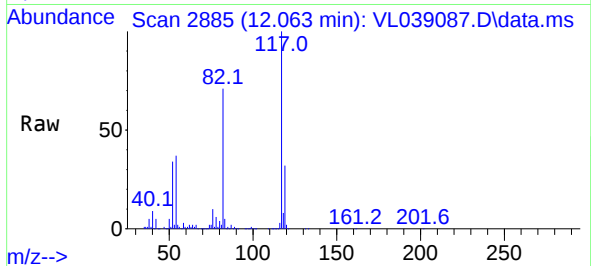
Tgt Ion:107 Resp: 39529
Ion Ratio Lower Upper
107 100
109 78.1 73.8 110.8





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.063 min Scan# 2885
Delta R.T. -0.013 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

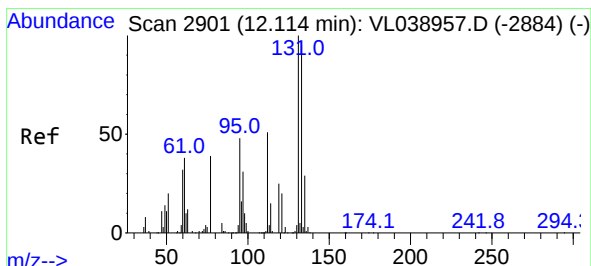
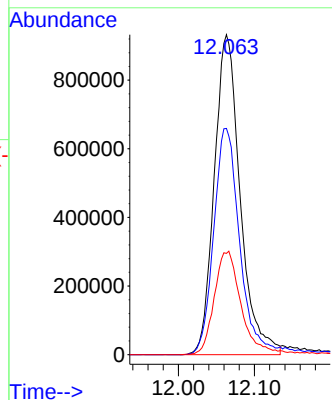
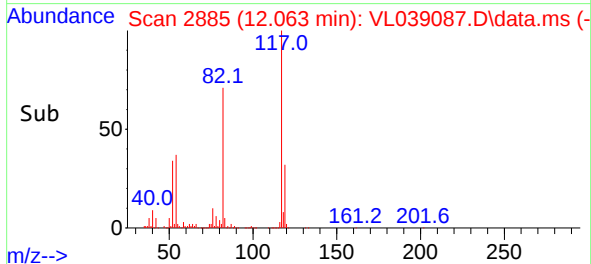
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



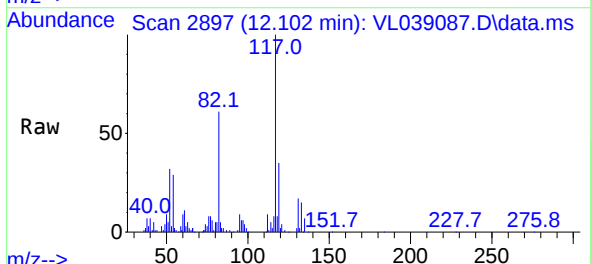
Tgt Ion:117 Resp: 220293
Ion Ratio Lower Upper
117 100
82 74.3 57.0 85.6
119 34.2 27.2 40.8

Manual Integrations
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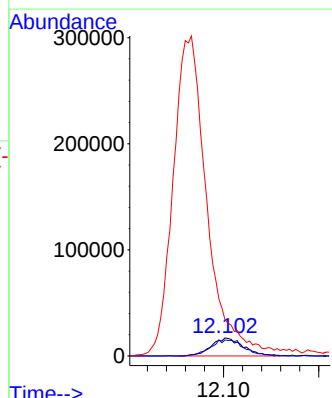
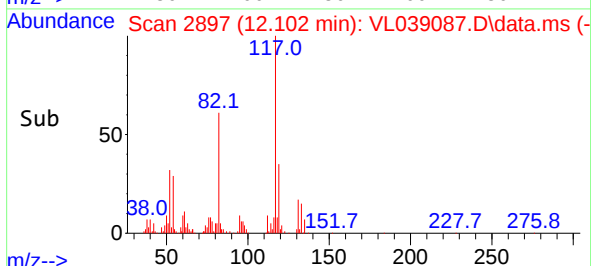
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

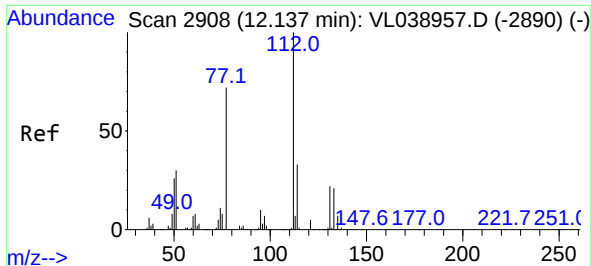


#56
1,1,1,2-Tetrachloroethane
Concen: 0.407 ppbv m
RT: 12.102 min Scan# 2897
Delta R.T. -0.013 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23



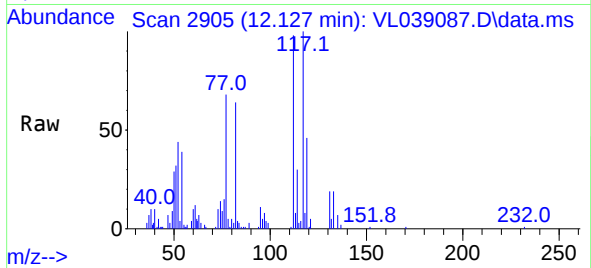
Tgt Ion:131 Resp: 39325
Ion Ratio Lower Upper
131 100
133 0.0 76.9 115.3#
119 0.0 47.4 71.0#





#57
Chlorobenzene
Concen: 0.424 ppbv m
RT: 12.127 min Scan# 2905
Delta R.T. -0.009 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

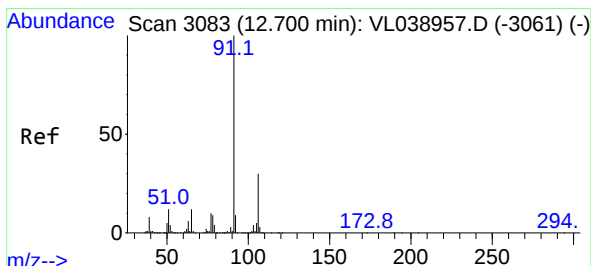
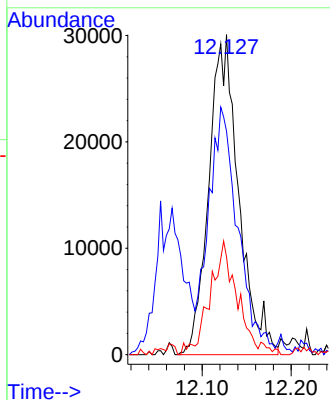
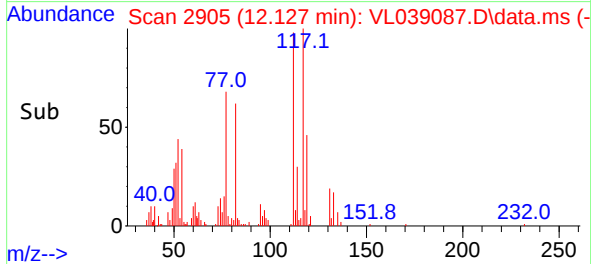
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



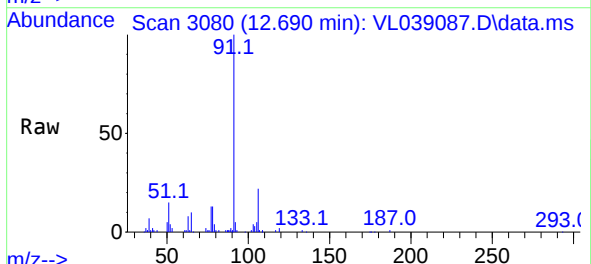
Tgt Ion:112 Resp: 69952
Ion Ratio Lower Upper
112 100
77 69.9 57.7 86.5
114 30.6 30.1 36.7

Manual Integrations
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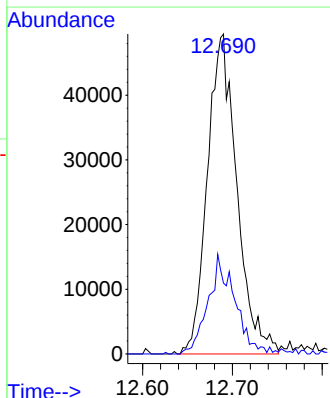
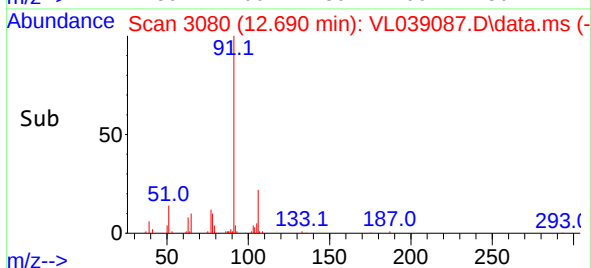
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

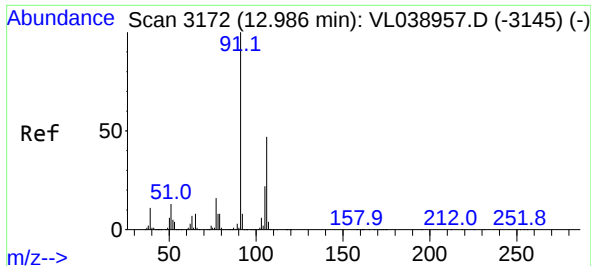


#58
Ethyl Benzene
Concen: 0.356 ppbv m
RT: 12.690 min Scan# 3080
Delta R.T. -0.010 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23



Tgt Ion: 91 Resp: 112866
Ion Ratio Lower Upper
91 100
106 22.2 24.2 36.4#





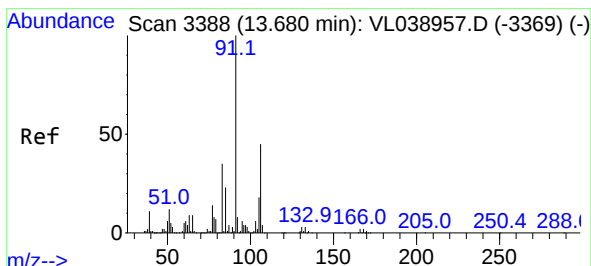
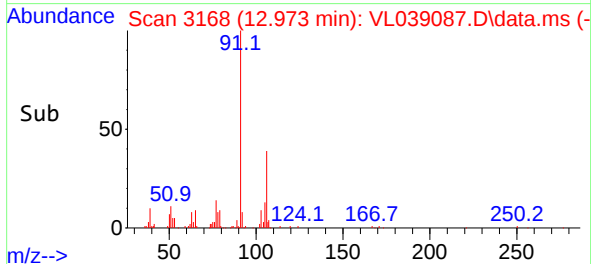
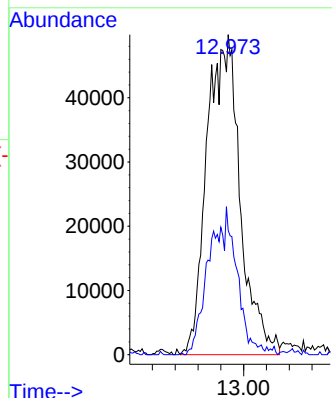
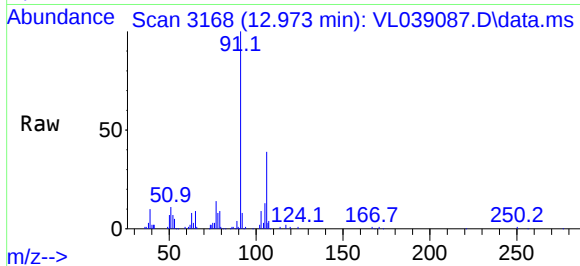
#59
m/p-Xylene
Concen: 0.745 ppbv m
RT: 12.973 min Scan# 3172
Delta R.T. -0.013 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 91 Resp: 20174
Ion Ratio Lower Upper
91 100
106 39.4 34.6 52.0

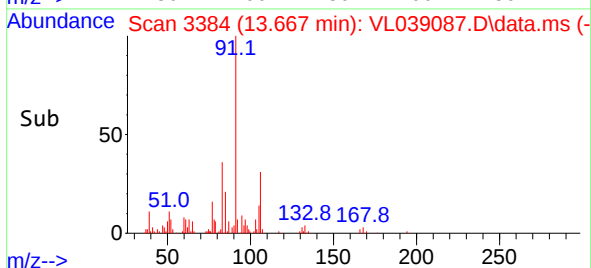
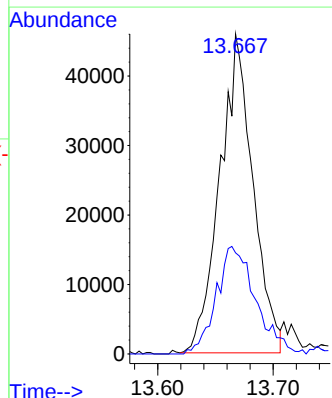
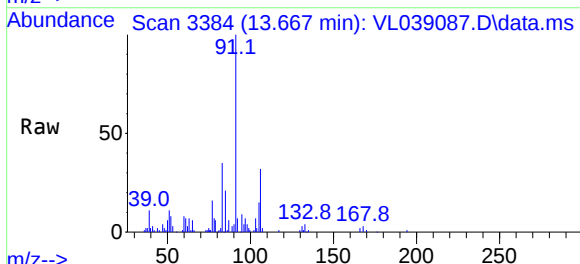
Manual Integrations
APPROVED

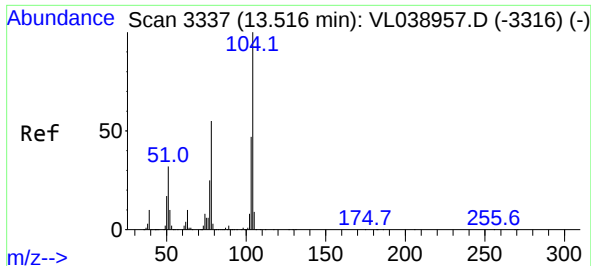
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#60
o-Xylene
Concen: 0.359 ppbv
RT: 13.667 min Scan# 3384
Delta R.T. -0.013 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

Tgt Ion: 91 Resp: 91398
Ion Ratio Lower Upper
91 100
106 41.5 22.2 66.6





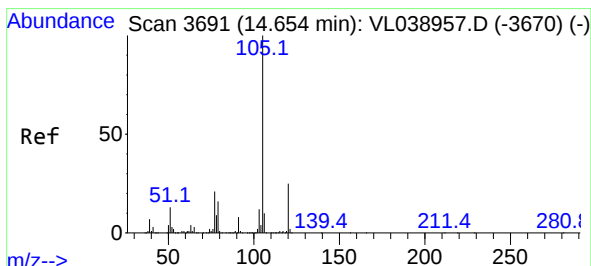
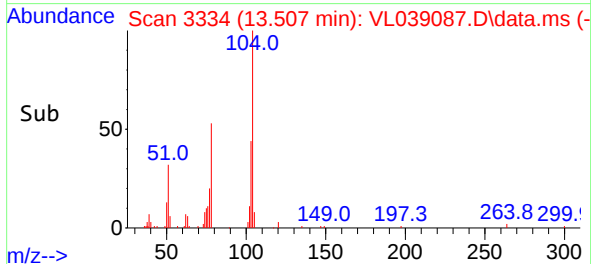
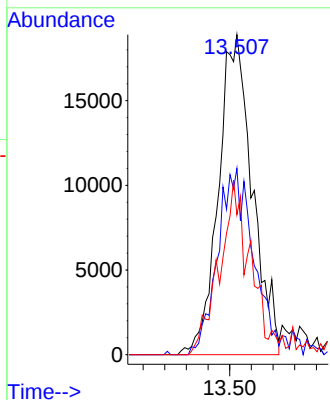
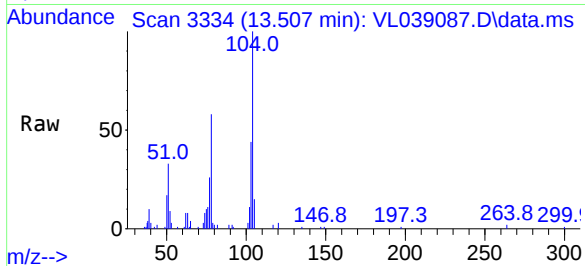
#61
Styrene
Concen: 0.302 ppbv m
RT: 13.507 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion:104 Resp: 4105
Ion Ratio Lower Upper
104 100
78 65.7 46.4 69.6
103 51.6 39.3 58.9

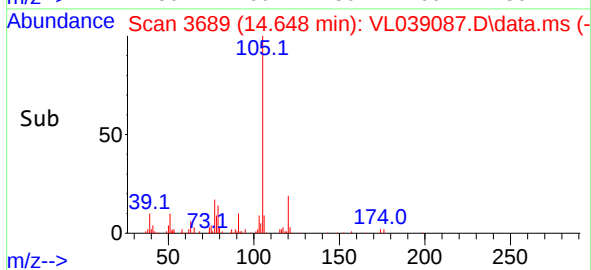
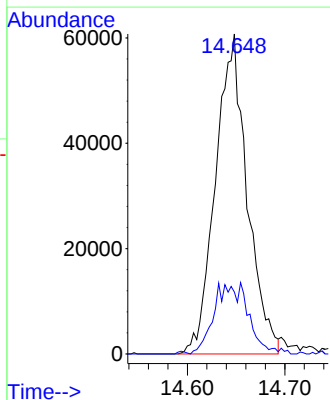
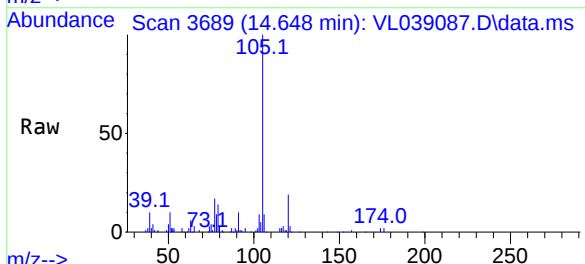
Manual Integrations
APPROVED

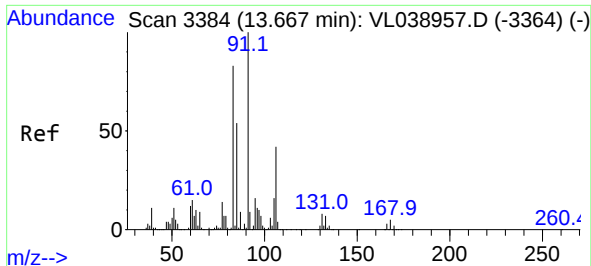
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#62
Isopropylbenzene
Concen: 0.368 ppbv
RT: 14.648 min Scan# 3689
Delta R.T. -0.006 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

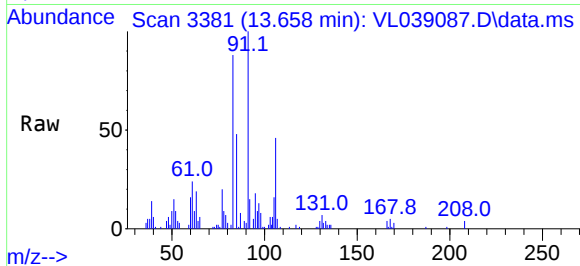
Tgt Ion:105 Resp: 136957
Ion Ratio Lower Upper
105 100
120 24.3 20.5 30.7





#63
1,1,2,2-Tetrachloroethane
Concen: 0.378 ppbv m
RT: 13.658 min Scan# 31
Delta R.T. -0.009 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

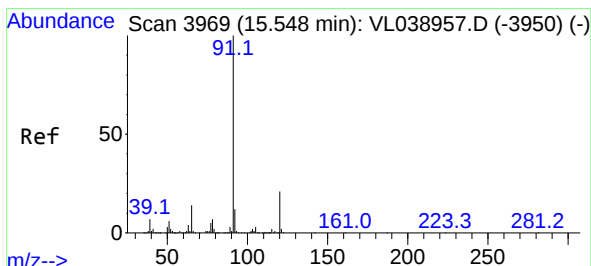
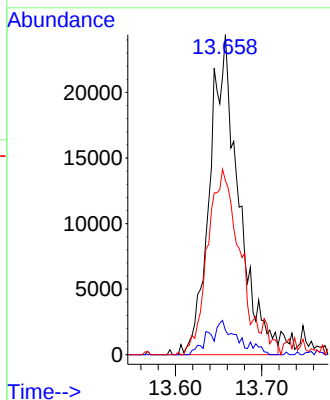
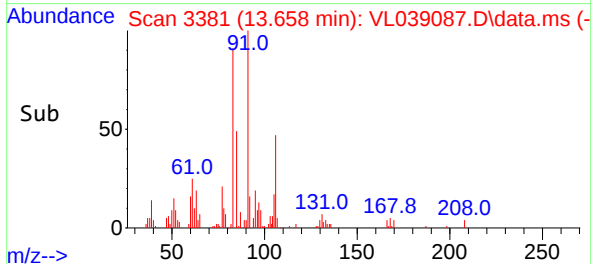
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



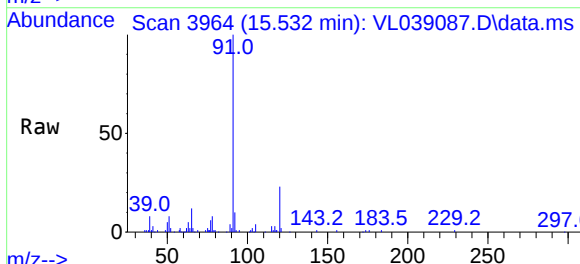
Tgt Ion: 83 Resp: 5664
Ion Ratio Lower Upper
83 100
131 10.5 4.5 13.7
85 67.0 32.8 98.3

Manual Integrations
APPROVED

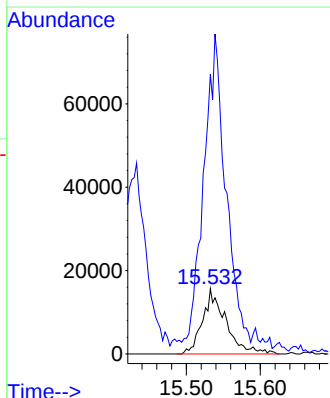
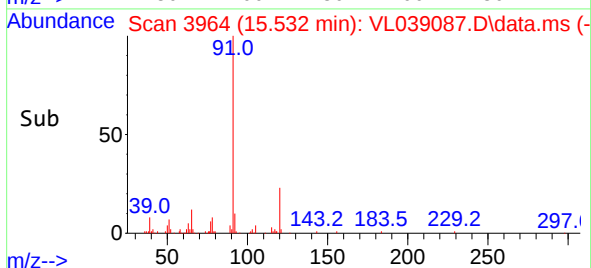
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

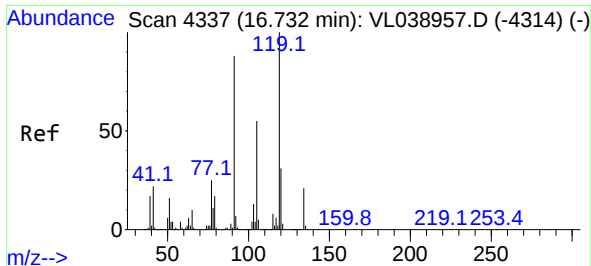


#64
n-propylbenzene
Concen: 0.380 ppbv m
RT: 15.532 min Scan# 3964
Delta R.T. -0.016 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23



Tgt Ion:120 Resp: 34217
Ion Ratio Lower Upper
120 100
91 527.6 400.6 601.0





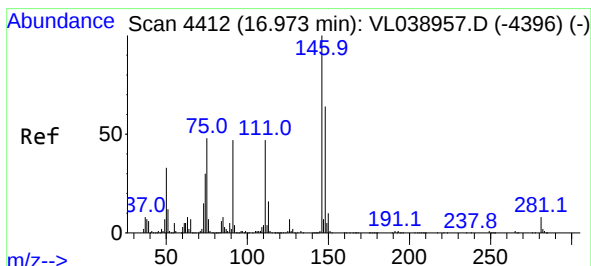
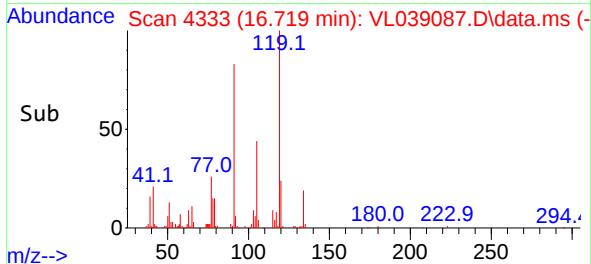
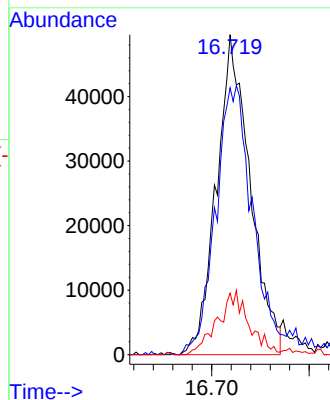
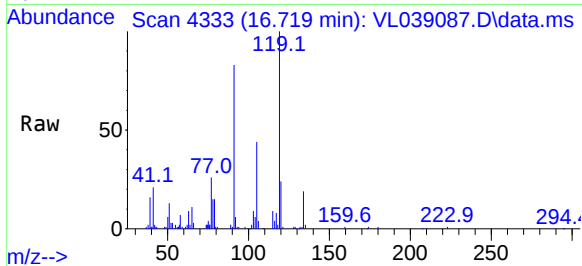
#65
tert-Butylbenzene
Concen: 0.365 ppbv
RT: 16.719 min Scan# 411
Delta R.T. -0.013 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 119 Resp: 119180
Ion Ratio Lower Upper
119 100
91 97.9 69.4 104.2
134 19.5 15.8 23.8

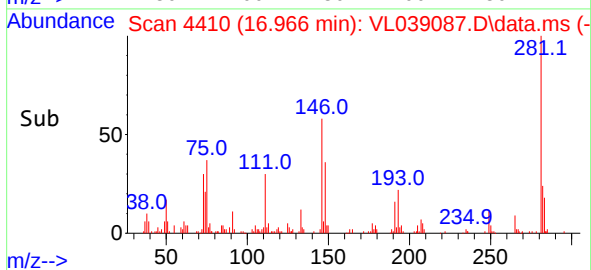
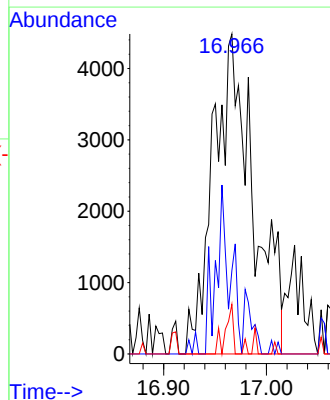
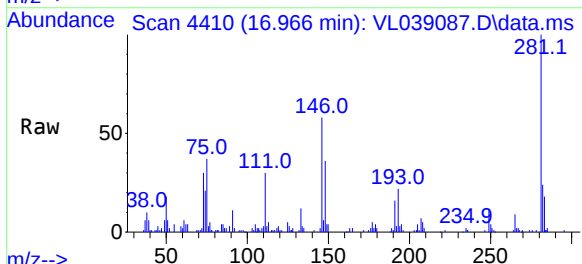
Manual Integrations
APPROVED

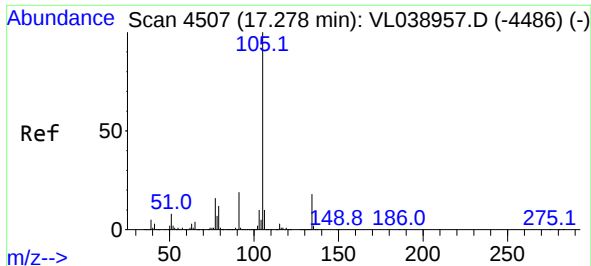
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#66
Benzyl Chloride
Concen: 0.281 ppbv m
RT: 16.966 min Scan# 4410
Delta R.T. -0.006 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

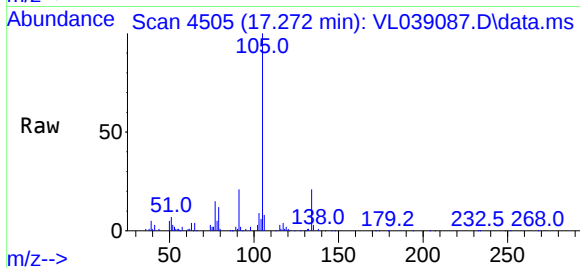
Tgt Ion: 91 Resp: 12004
Ion Ratio Lower Upper
91 100
126 0.0 11.8 17.6#
128 3.3 4.2 6.2#





#67
 sec-Butylbenzene
 Concen: 0.361 ppbv
 RT: 17.272 min Scan# 410
 Delta R.T. -0.006 min
 Lab File: VL039087.D
 Acq: 23 May 2022 16:23

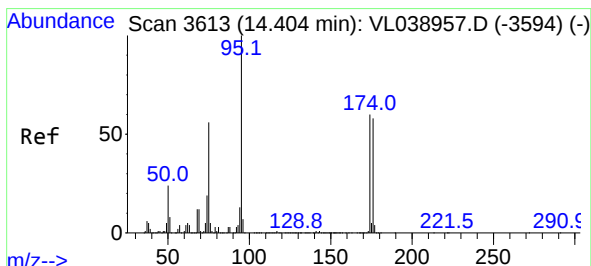
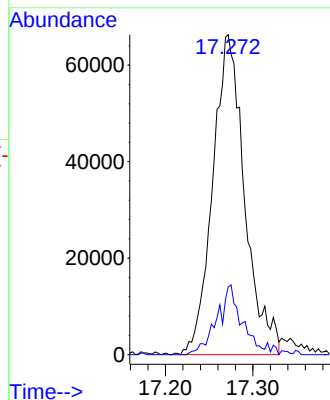
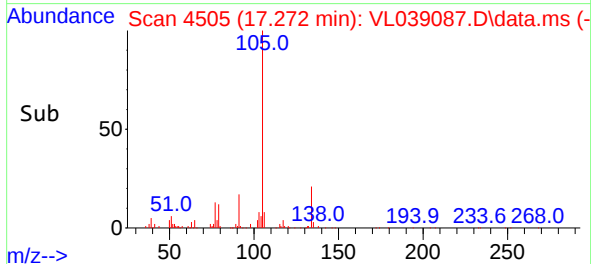
Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 MDL



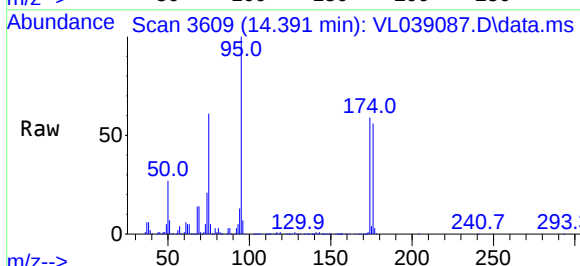
Tgt Ion:105 Resp: 168378
 Ion Ratio Lower Upper
 105 100
 134 17.7 14.2 21.4

Manual Integrations
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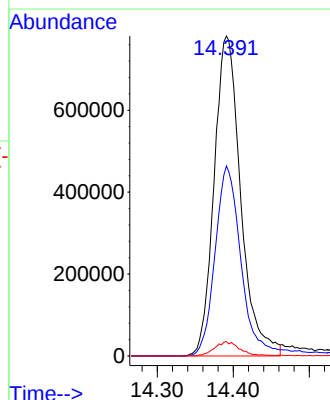
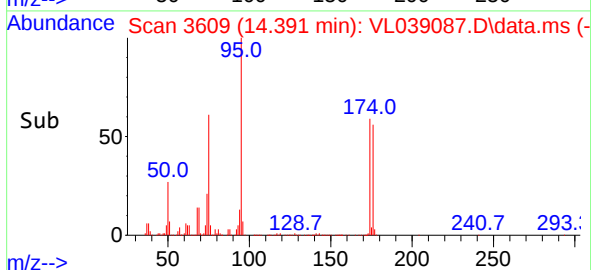
Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022

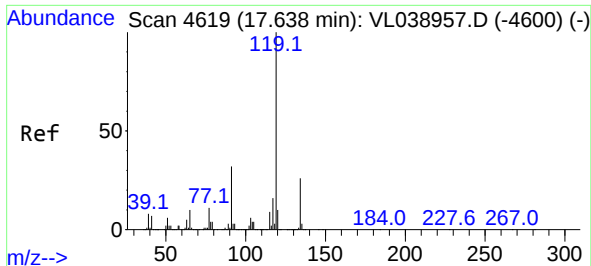


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.897 ppbv
 RT: 14.391 min Scan# 3609
 Delta R.T. -0.013 min
 Lab File: VL039087.D
 Acq: 23 May 2022 16:23



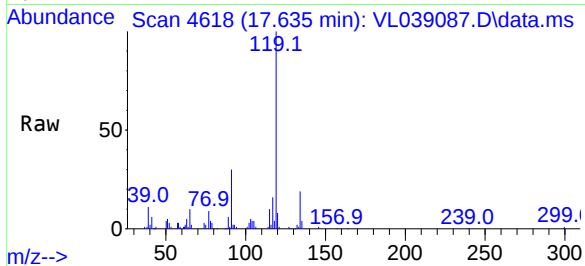
Tgt Ion: 95 Resp: 1901026
 Ion Ratio Lower Upper
 95 100
 174 60.7 50.8 76.2
 175 4.4 3.8 5.6





#69
p-Isopropyltoluene
Concen: 0.338 ppbv m
RT: 17.635 min Scan# 4619
Delta R.T. -0.003 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

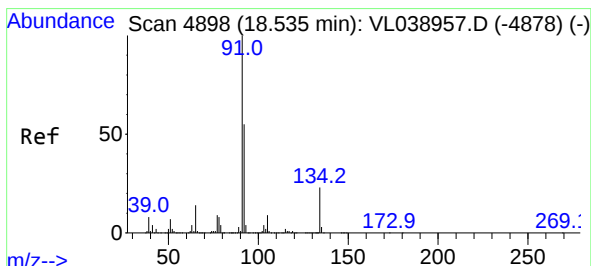
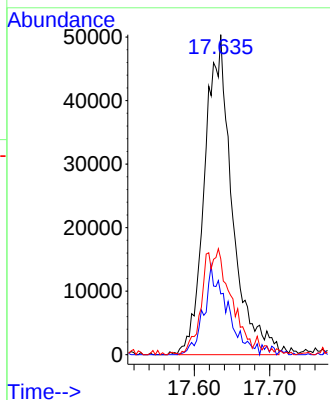
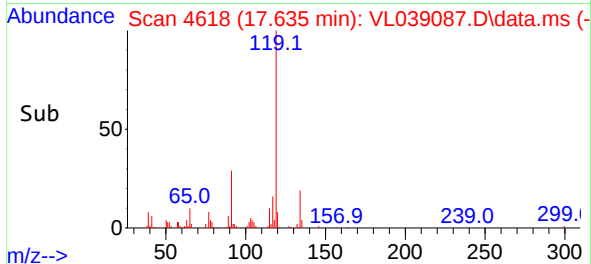
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



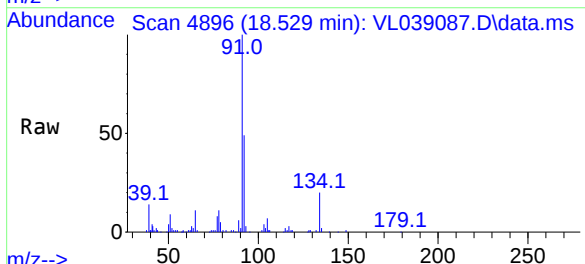
Tgt Ion: 119 Resp: 127440
Ion Ratio Lower Upper
119 100
134 25.1 20.0 30.0
91 0.0 24.8 37.2

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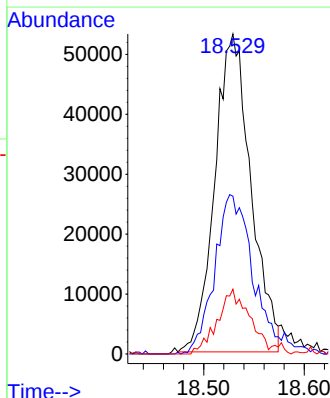
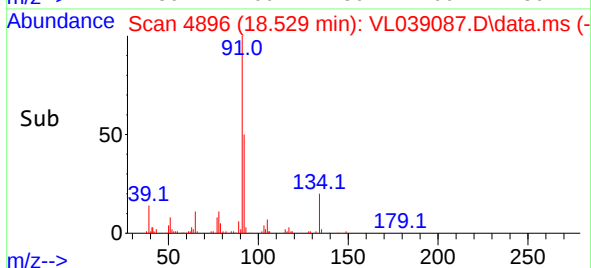
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

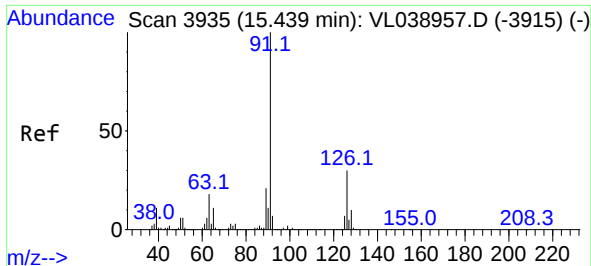


#70
n-Butylbenzene
Concen: 0.330 ppbv
RT: 18.529 min Scan# 4896
Delta R.T. -0.006 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23



Tgt Ion: 91 Resp: 132224
Ion Ratio Lower Upper
91 100
92 54.9 43.1 64.7
134 19.1 17.0 25.4





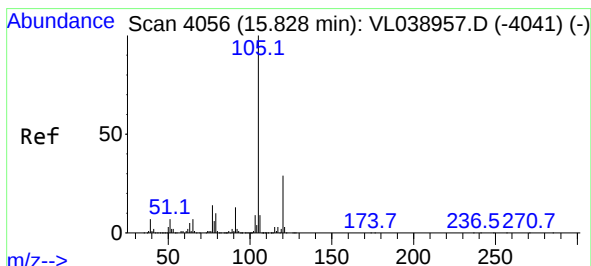
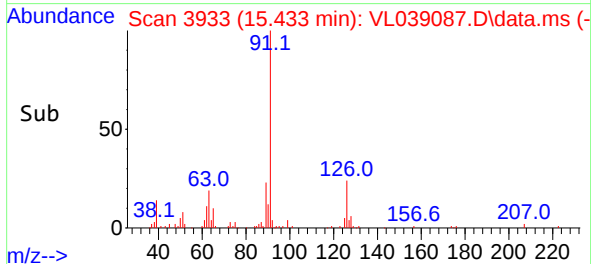
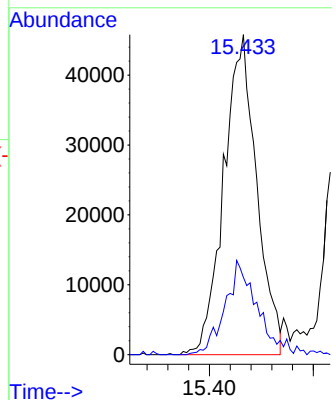
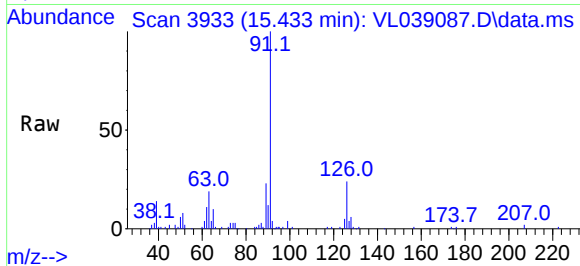
#71
2-Chlorotoluene
Concen: 0.350 ppbv
RT: 15.433 min Scan# 3935
Delta R.T. -0.006 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion: 91 Resp: 100439
Ion Ratio Lower Upper
91 100
126 29.3 11.9 47.5

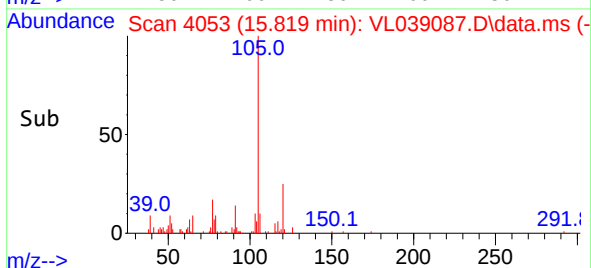
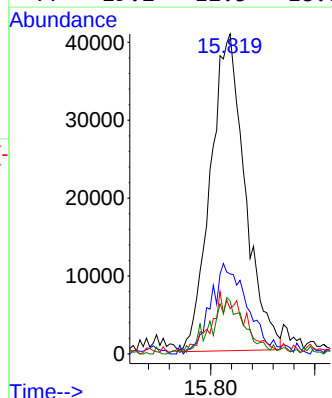
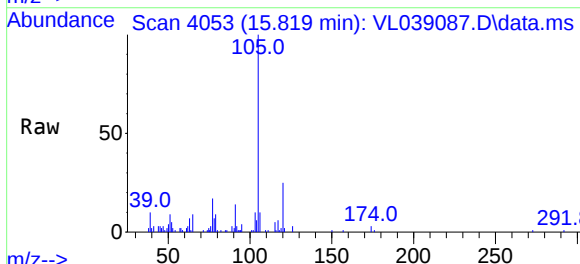
Manual Integrations
APPROVED

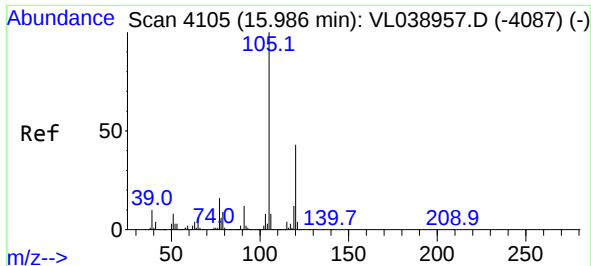
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#72
4-Ethyltoluene
Concen: 0.324 ppbv
RT: 15.819 min Scan# 4053
Delta R.T. -0.009 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

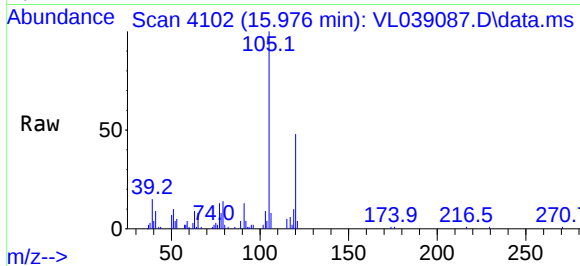
Tgt Ion:105 Resp: 93999
Ion Ratio Lower Upper
105 100
120 31.3 23.4 35.0
91 21.2 10.6 16.0#
77 19.2 12.5 18.7#





#73
1,3,5-Trimethylbenzene
Concen: 0.354 ppbv m
RT: 15.976 min Scan# 4105
Delta R.T. -0.009 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

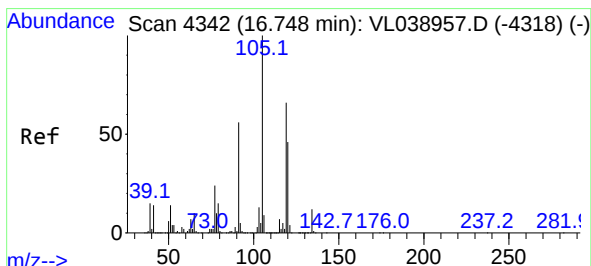
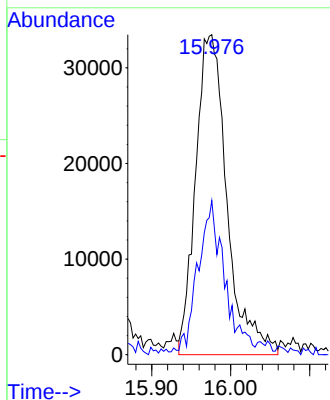
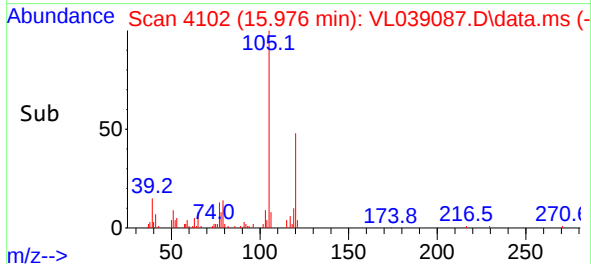
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



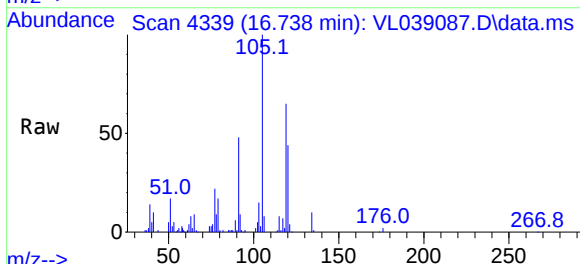
Tgt Ion:105 Resp: 92490
Ion Ratio Lower Upper
105 100
120 48.2 34.4 51.6

Manual Integrations
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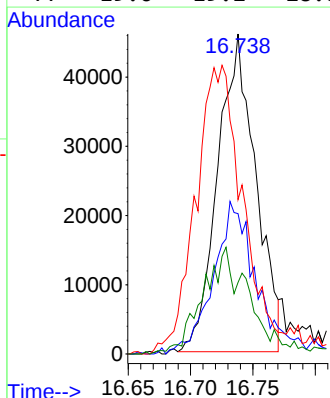
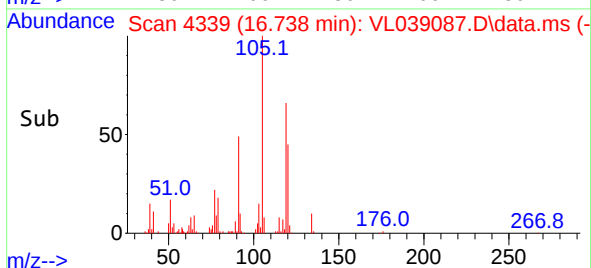
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

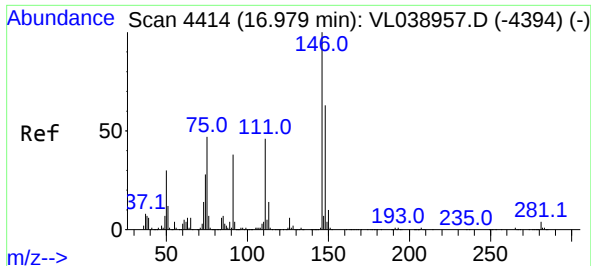


#74
1,2,4-Trimethylbenzene
Concen: 0.341 ppbv
RT: 16.738 min Scan# 4339
Delta R.T. -0.009 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23



Tgt Ion:105 Resp: 97448
Ion Ratio Lower Upper
105 100
120 41.3 36.9 55.3
91 41.8 45.0 67.4#
77 19.6 19.2 28.8





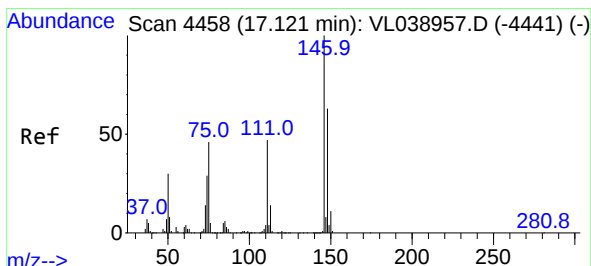
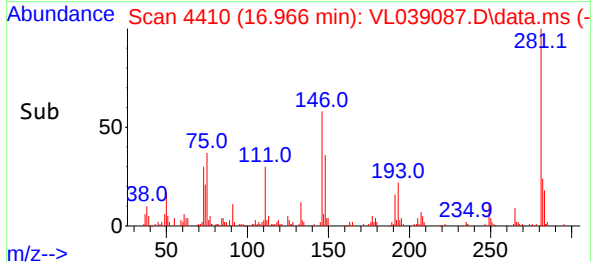
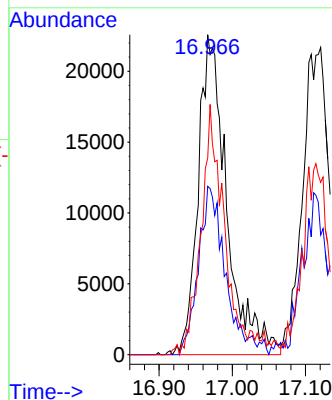
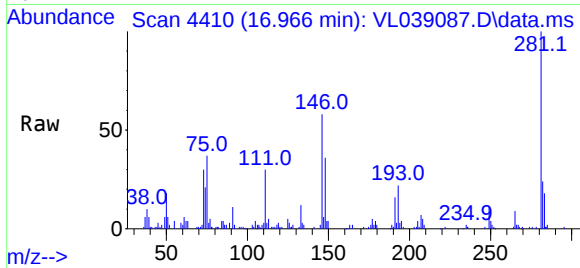
#75
1,3-Dichlorobenzene
Concen: 0.389 ppbv m
RT: 16.966 min Scan# 4410
Delta R.T. -0.013 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion:146 Resp: 6098
Ion Ratio Lower Upper
146 100
111 0.0 24.1 72.2
148 0.0 32.4 97.2

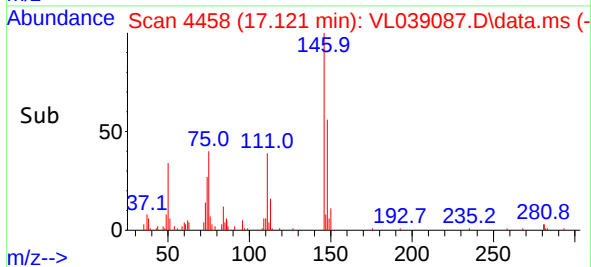
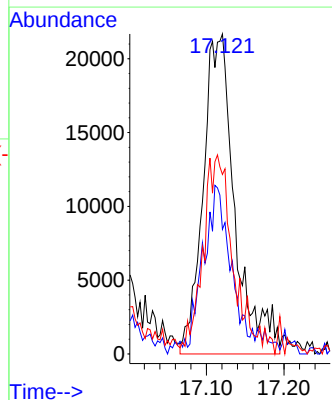
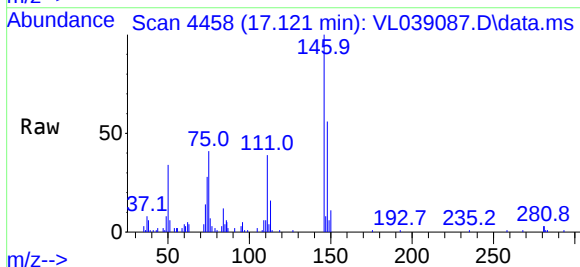
Manual Integrations
APPROVED

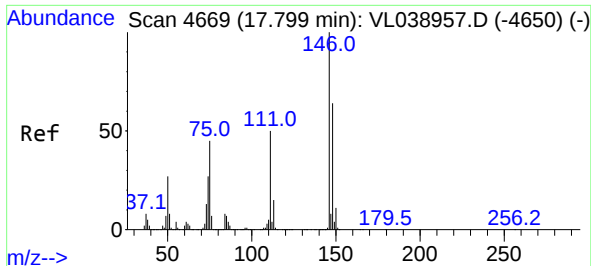
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#76
1,4-Dichlorobenzene
Concen: 0.400 ppbv m
RT: 17.121 min Scan# 4458
Delta R.T. 0.000 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

Tgt Ion:146 Resp: 61761
Ion Ratio Lower Upper
146 100
111 49.3 23.6 71.0
148 59.2 32.2 96.6





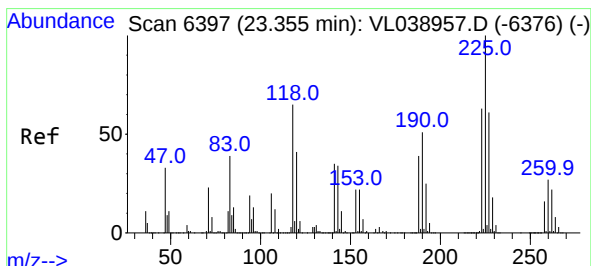
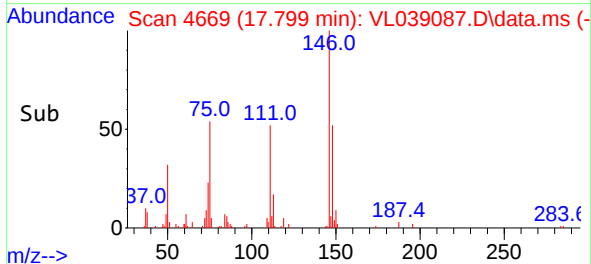
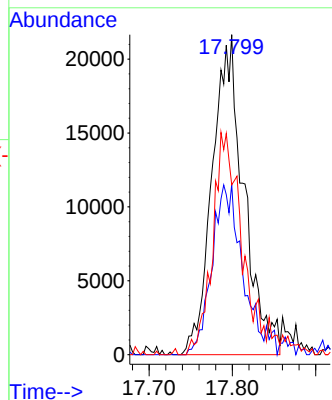
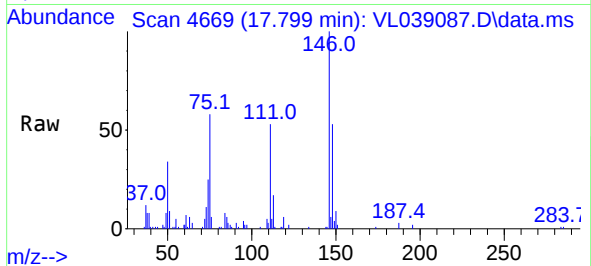
#77
1,2-Dichlorobenzene
Concen: 0.367 ppbv m
RT: 17.799 min Scan# 4669
Delta R.T. 0.000 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL

Tgt Ion:146 Resp: 5696
Ion Ratio Lower Upper
146 100
111 0.0 25.3 75.9
148 68.3 32.3 96.9

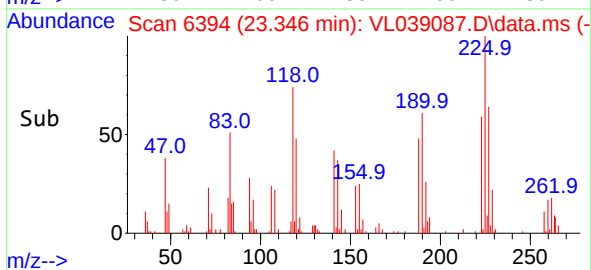
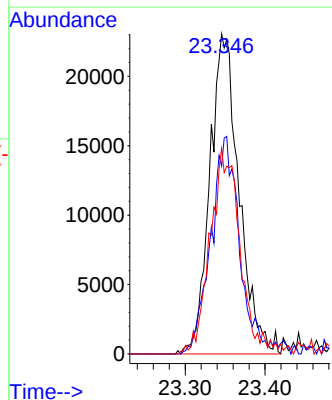
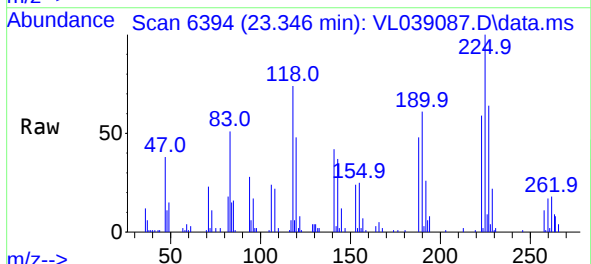
Manual Integrations
APPROVED

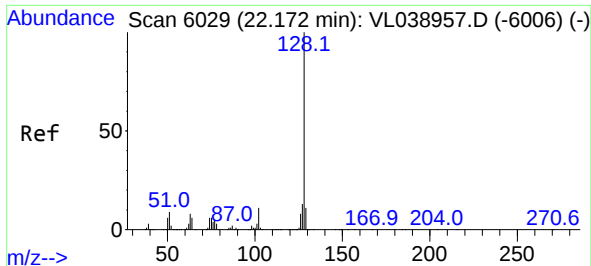
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022



#78
Hexachloro-1,3-Butadiene
Concen: 0.411 ppbv m
RT: 23.346 min Scan# 6394
Delta R.T. -0.010 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

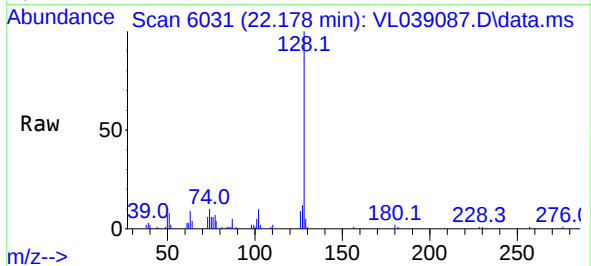
Tgt Ion:225 Resp: 58627
Ion Ratio Lower Upper
225 100
223 0.0 51.4 77.0
227 66.3 51.4 77.0





#79
Naphthalene
Concen: 0.289 ppbv m
RT: 22.178 min Scan# 6029
Delta R.T. 0.007 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23

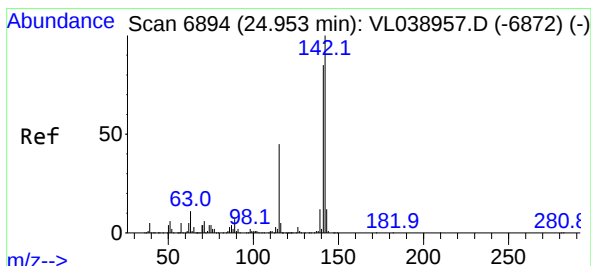
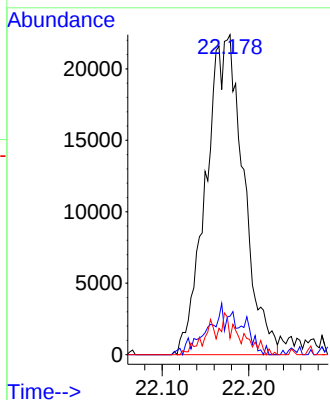
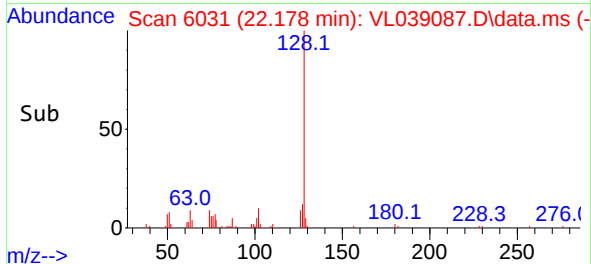
Instrument :
MSVOA_L
ClientSampleId :
0.4 MDL



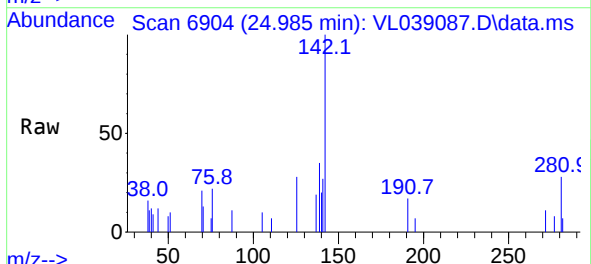
Tgt Ion:128 Resp: 67214
Ion Ratio Lower Upper
128 100
127 12.1 10.2 15.2
129 5.2 8.9 13.3

Manual Integrations
APPROVED

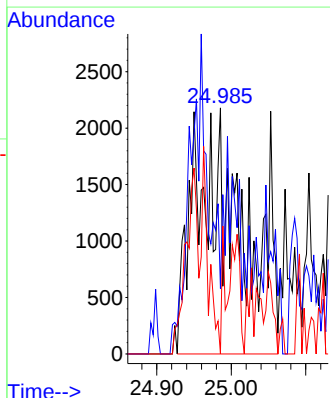
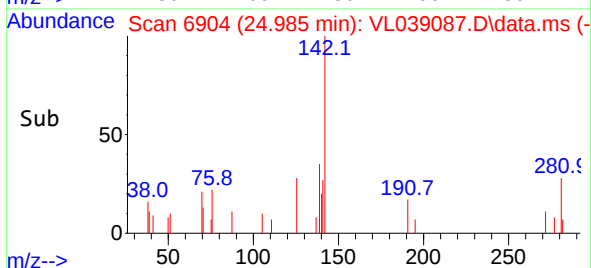
Reviewed By :Semsettin Yesilyurt 05/25/2022
Supervised By :Mahesh Dadoda 05/26/2022

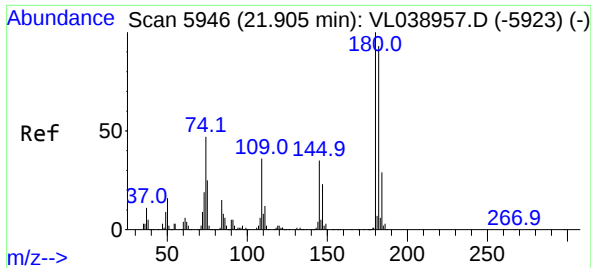


#80
Naphthalene,2-methyl-
Concen: 0.131 ppbv m
RT: 24.985 min Scan# 6904
Delta R.T. 0.032 min
Lab File: VL039087.D
Acq: 23 May 2022 16:23



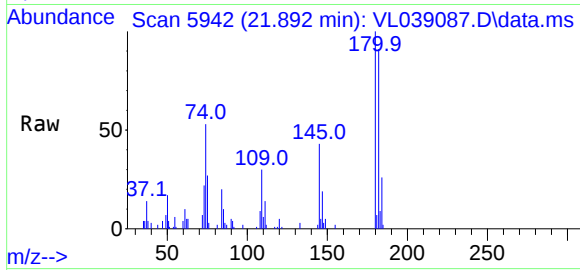
Tgt Ion:142 Resp: 9230
Ion Ratio Lower Upper
142 100
141 27.6 70.8 106.2#
115 11.9 35.1 52.7#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.313 ppbv m
 RT: 21.892 min Scan# 5942
 Delta R.T. -0.013 min
 Lab File: VL039087.D
 Acq: 23 May 2022 16:23

Instrument :
 MSVOA_L
 ClientSampleId :
 0.4 MDL



Tgt Ion:180 Resp: 42669
 Ion Ratio Lower Upper
 180 100
 182 94.6 78.4 117.6
 184 32.6 24.4 36.6

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/25/2022
 Supervised By :Mahesh Dadoda 05/26/2022

