

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL022422\
 Data File : VL038442.D
 Acq On : 25 Feb 2022 10:07
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 02/28/2022
 Supervised By : Mahesh Dadoda 02/28/2022

Quant Time: Feb 25 11:09:07 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.671	49	876085	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.176	114	2054646	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.085	117	2038539m	10.000	ppbv	0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.413 95 1626884 9.645 ppbv 0.03
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.057	85	1257583	9.063	ppbv	95
3) Chlorodifluoromethane	2.996	51	1558362	10.073	ppbv	100
4) Chloromethane	3.147	50	529288	9.847	ppbv	98
5) Vinyl Chloride	3.266	62	547107	9.736	ppbv	97
6) Bromomethane	3.481	94	293845	9.914	ppbv	96
7) Chloroethane	3.565	64	193695	10.732	ppbv	96
8) Dichlorotetrafluoroethane	3.195	85	1346948	10.435	ppbv	97
9) Propene	3.018	41	504888	9.885	ppbv	100
10) Heptane	8.124	43	1335537	10.741	ppbv	100
11) Trichlorofluoromethane	3.957	101	1396233	10.510	ppbv	97
12) 1,1,2-Trichlorotrifluo...	4.491	101	1012050	10.391	ppbv	100
13) Ethanol	3.629	45	47491m	9.316	ppbv	
14) Bromoethene	3.745	108	406338	10.472	ppbv	98
15) Acetone	3.857	43	671139	9.008	ppbv	100
16) 1,3-Butadiene	3.333	39	528847	10.627	ppbv	97
17) tert-Butyl alcohol	4.288	59	858159	11.545	ppbv	99
18) 1,1-Dichloroethene	4.295	96	445945	10.428	ppbv	97
19) Isopropyl Alcohol	3.973	45	433993	10.060	ppbv	99
20) Methylene Chloride	4.349	84	361174	9.784	ppbv	94
21) Allyl Chloride	4.417	41	624931	9.931	ppbv	97
22) trans-1,2-Dichloroethene	4.890	96	443899	10.288	ppbv	98
23) Vinyl Acetate	5.076	43	1036123	10.494	ppbv	100
24) 1,1-Dichloroethane	5.012	63	932507	10.505	ppbv	100
25) Ethyl Acetate	5.680	43	2058004	10.282	ppbv	99
26) Hexane	5.690	57	940893	10.380	ppbv	98
27) Carbon Disulfide	4.555	76	1112913	11.038	ppbv	99
28) Methyl tert-Butyl Ether	5.037	73	942464	10.208	ppbv	99
29) Chloroform	5.758	83	1541901	10.422	ppbv	100
30) Cyclohexane	7.131	84	779333	10.513	ppbv	99
31) cis-1,2-Dichloroethene	5.552	61	912265	10.388	ppbv	99
32) 1,1,1-Trichloroethane	6.513	97	1527760	10.269	ppbv	100
34) 2-Butanone	5.246	43	713660	11.044	ppbv	98
35) Carbon Tetrachloride	7.021	117	1586277	10.979	ppbv	98
36) Benzene	6.893	78	1922257	10.627	ppbv	99
37) 1,2-Dichloroethane	6.311	62	1153391	11.035	ppbv	100
38) Trichloroethene	7.838	130	691749	10.499	ppbv	96
39) 1,2-Dichloropropane	7.616	63	778080	10.800	ppbv	97
40) 1,4-Dioxane	7.841	88	138608m	8.111	ppbv	
41) Tetrahydrofuran	6.057	42	473244	10.839	ppbv	99
42) Bromodichloromethane	7.793	83	1699449	11.260	ppbv	98
43) Methyl Methacrylate	8.015	69	722747	11.494	ppbv	99
44) 2,2,4-Trimethylpentane	7.870	57	3343788	10.755	ppbv	99
45) t-1,3-Dichloropropene	9.278	75	548012	10.905	ppbv	98

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL022222AIR.M

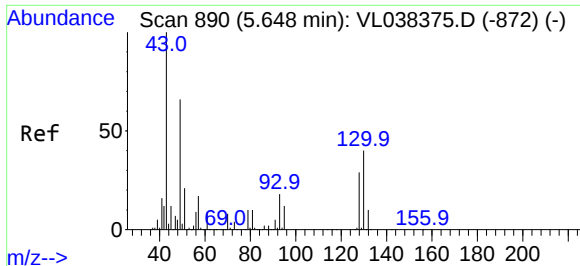
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Feb 22 19:45:51 2022

QLast Update : Tue Feb 22 19:45:51 2022

Response via : Initial Calibration

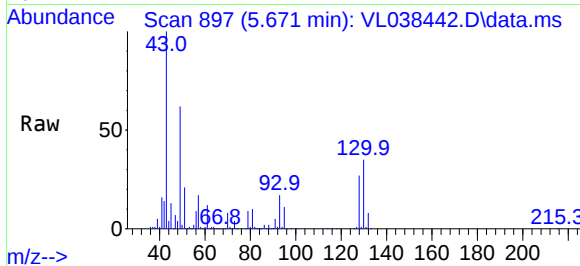
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.703	75	687082	10.432	ppbv	98
47) 1,1,2-Trichloroethane	9.475	97	781466	10.902	ppbv	99
48) Dibromochloromethane	10.304	129	1322362	11.283	ppbv	98
49) Bromoform	13.040	173	1007180	11.642	ppbv	98
50) 4-Methyl-2-Pentanone	8.741	43	1360539	11.908	ppbv	99
51) 2-Hexanone	10.137	43	605177	11.831	ppbv #	99
52) Tetrachloroethene	11.224	164	608428	10.133	ppbv	97
53) Toluene	9.806	91	2174753	11.074	ppbv	100
54) 1,2-Dibromoethane	10.610	107	1140708	11.305	ppbv	96
56) 1,1,1,2-Tetrachloroethane	12.124	131	894569	10.528	ppbv	99
57) Chlorobenzene	12.146	112	1553315	9.876	ppbv	99
58) Ethyl Benzene	12.709	91	2945351	10.566	ppbv	99
59) m/p-Xylene	12.995	91	5126534m	21.414	ppbv	
60) o-Xylene	13.693	91	2408481	10.642	ppbv	100
61) Styrene	13.523	104	1190384	11.404	ppbv	99
62) Isopropylbenzene	14.664	105	3149959	10.370	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.677	83	1787317	9.720	ppbv	100
64) n-propylbenzene	15.561	120	807157	10.733	ppbv	90
65) tert-Butylbenzene	16.744	119	2803580	10.656	ppbv	100
66) Benzyl Chloride	16.985	91	137542	9.675	ppbv	96
67) sec-Butylbenzene	17.294	105	3993386	10.713	ppbv	99
69) p-Isopropyltoluene	17.651	119	3266032	11.154	ppbv	99
70) n-Butylbenzene	18.545	91	3515922	11.604	ppbv	100
71) 2-Chlorotoluene	15.452	91	2430083	10.404	ppbv	99
72) 4-Ethyltoluene	15.838	105	2813195	11.282	ppbv	99
73) 1,3,5-Trimethylbenzene	15.995	105	2493094	11.010	ppbv	97
74) 1,2,4-Trimethylbenzene	16.764	105	2641858	11.050	ppbv	95
75) 1,3-Dichlorobenzene	16.995	146	1449486	10.825	ppbv	100
76) 1,4-Dichlorobenzene	17.140	146	1378590	10.440	ppbv	99
77) 1,2-Dichlorobenzene	17.815	146	1368988	10.621	ppbv	99
78) Hexachloro-1,3-Butadiene	23.371	225	1015420	10.330	ppbv	99
79) Naphthalene	22.191	128	1875861	14.481	ppbv	99
80) Naphthalene,2-methyl-	24.972	142	380175	15.018	ppbv	96
81) 1,2,4-Trichlorobenzene	21.921	180	1034831	13.213	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.671 min Scan# 84
Delta R.T. 0.023 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

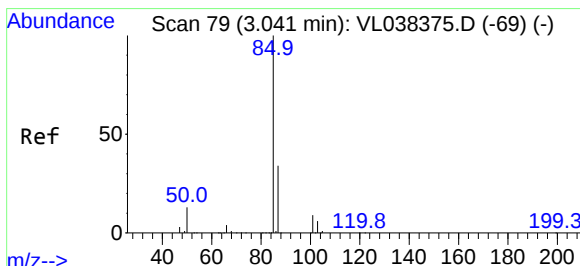
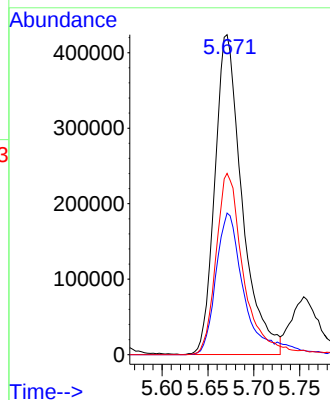
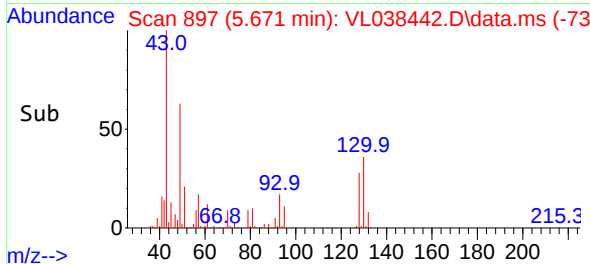
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



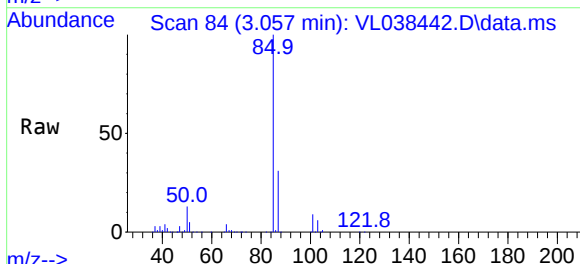
Tgt Ion: 49 Resp: 876085
Ion Ratio Lower Upper
49 100
128 47.1 24.3 72.9
130 58.3 30.1 90.5

Manual Integrations
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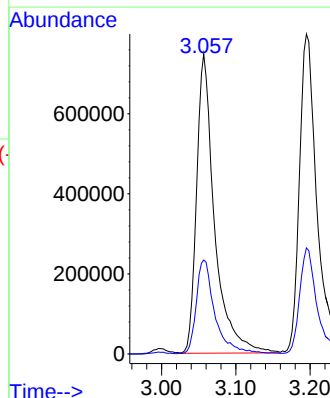
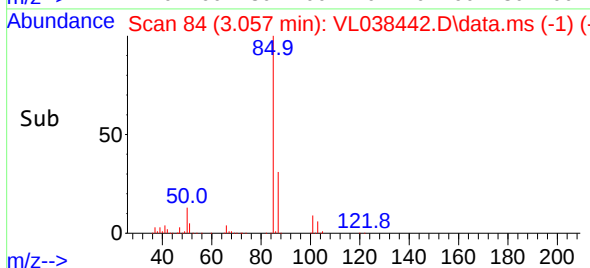
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

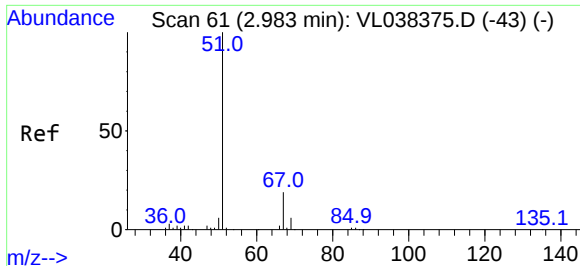


#2
Dichlorodifluoromethane
Concen: 9.063 ppbv
RT: 3.057 min Scan# 84
Delta R.T. 0.016 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07



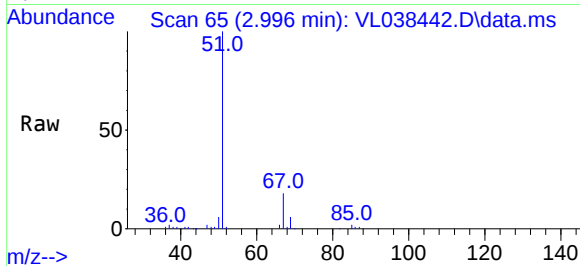
Tgt Ion: 85 Resp: 1257583
Ion Ratio Lower Upper
85 100
87 31.2 27.4 41.0





#3
Chlorodifluoromethane
Concen: 10.073 ppbv
RT: 2.996 min Scan# 61
Delta R.T. 0.013 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

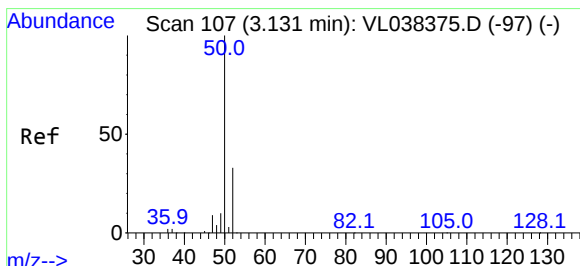
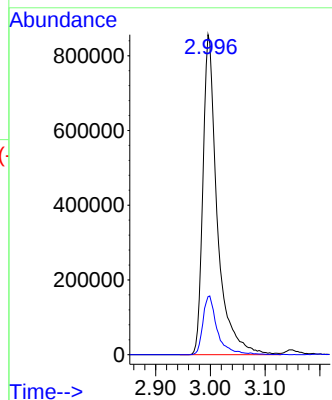
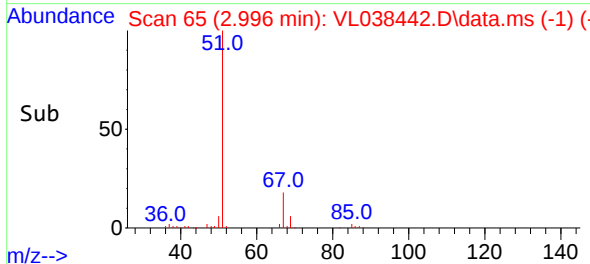
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 51 Resp: 155836
Ion Ratio Lower Upper
51 100
67 18.6 14.7 22.1

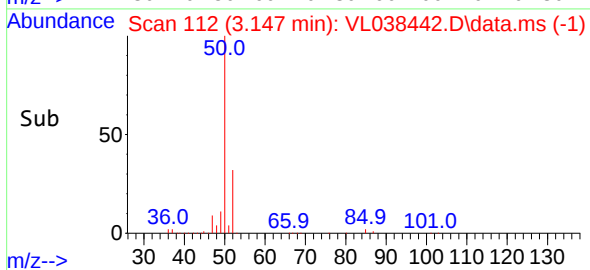
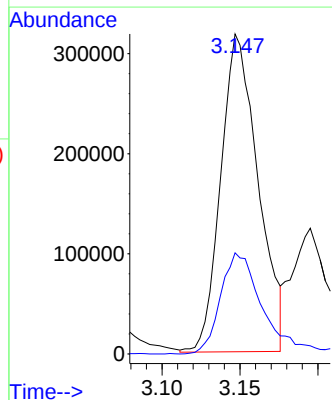
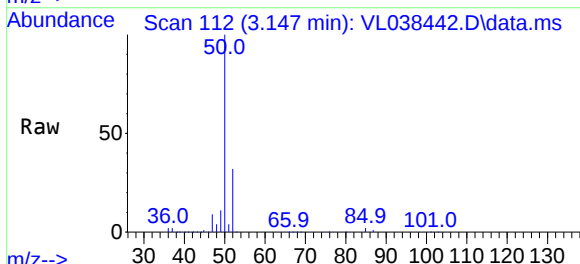
Manual Integrations
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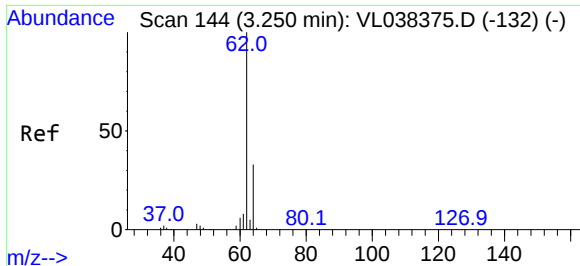
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#4
Chloromethane
Concen: 9.847 ppbv
RT: 3.147 min Scan# 112
Delta R.T. 0.016 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

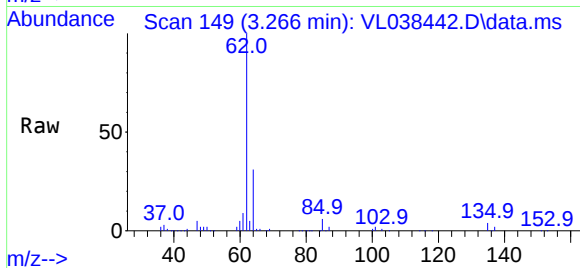
Tgt Ion: 50 Resp: 529288
Ion Ratio Lower Upper
50 100
52 32.0 26.5 39.7





#5
 Vinyl Chloride
 Concen: 9.736 ppbv
 RT: 3.266 min Scan# 144
 Delta R.T. 0.016 min
 Lab File: VL038442.D
 Acq: 25 Feb 2022 10:07

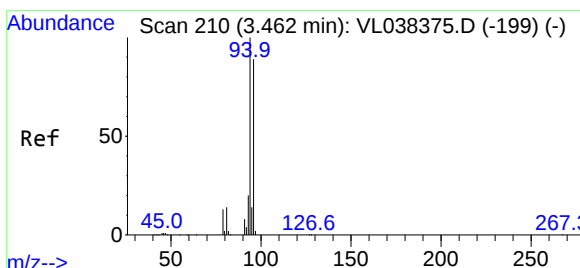
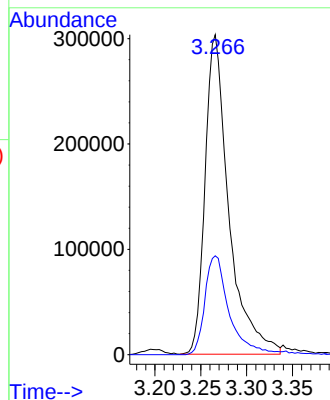
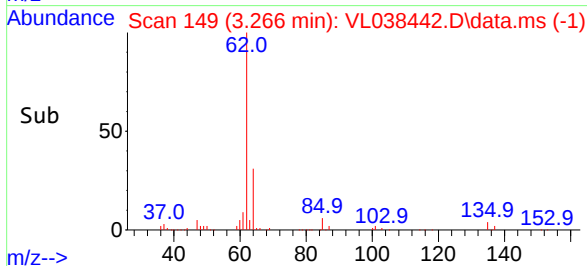
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



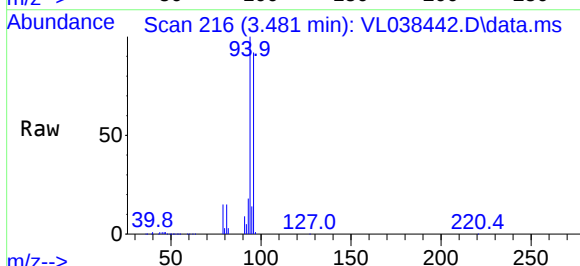
Tgt Ion: 62 Resp: 54710
 Ion Ratio Lower Upper
 62 100
 64 31.0 26.2 39.2

Manual Integrations
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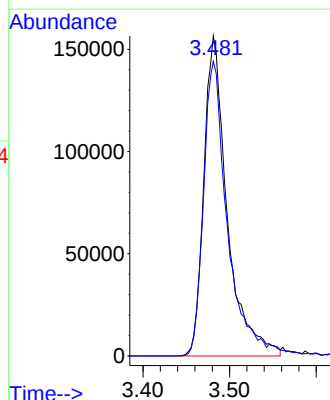
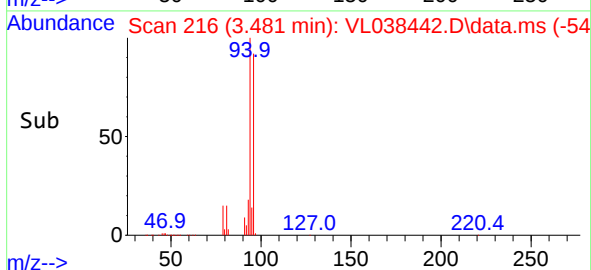
Reviewed By :Semsettin Yesilyurt 02/28/2022
 Supervised By :Mahesh Dadoda 02/28/2022

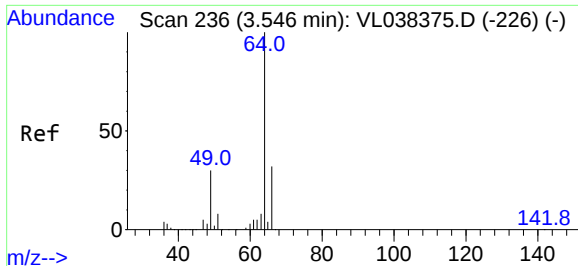


#6
 Bromomethane
 Concen: 9.914 ppbv
 RT: 3.481 min Scan# 216
 Delta R.T. 0.019 min
 Lab File: VL038442.D
 Acq: 25 Feb 2022 10:07



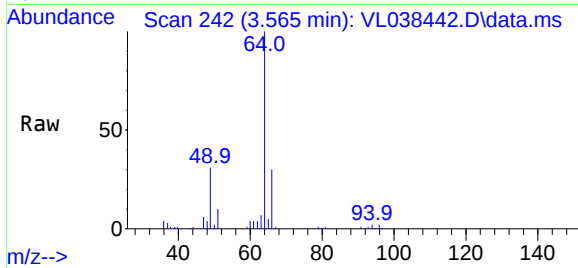
Tgt Ion: 94 Resp: 293845
 Ion Ratio Lower Upper
 94 100
 96 92.1 71.0 106.6





#7
Chloroethane
Concen: 10.732 ppbv
RT: 3.565 min Scan# 24
Delta R.T. 0.019 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

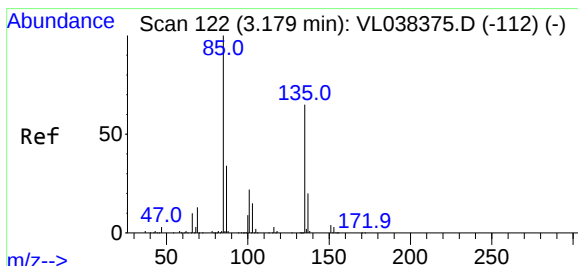
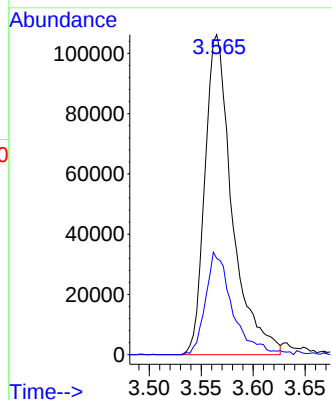
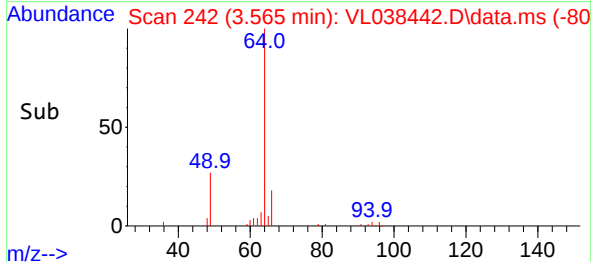
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 64 Resp: 193698
Ion Ratio Lower Upper
64 100
66 30.1 25.9 38.9

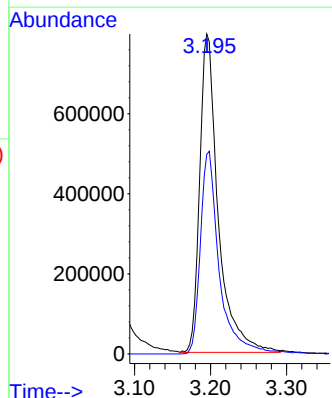
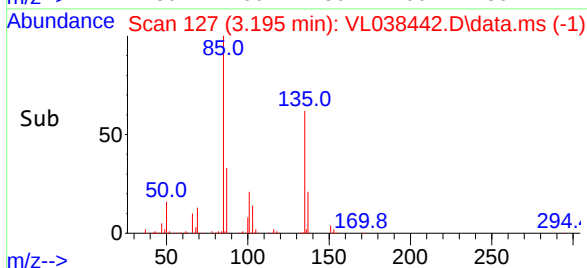
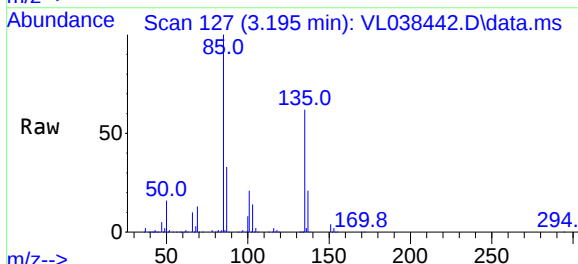
Manual Integrations
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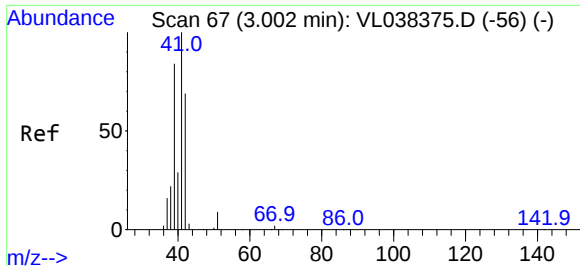
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#8
Dichlorotetrafluoroethane
Concen: 10.435 ppbv
RT: 3.195 min Scan# 127
Delta R.T. 0.016 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

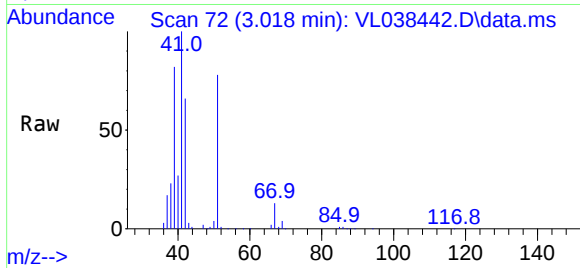
Tgt Ion: 85 Resp: 1346948
Ion Ratio Lower Upper
85 100
135 65.4 54.1 81.1





#9
Propene
Concen: 9.885 ppbv
RT: 3.018 min Scan# 71
Delta R.T. 0.016 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

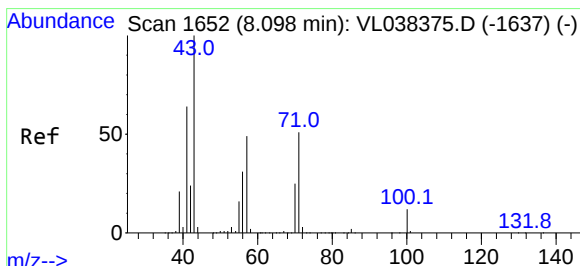
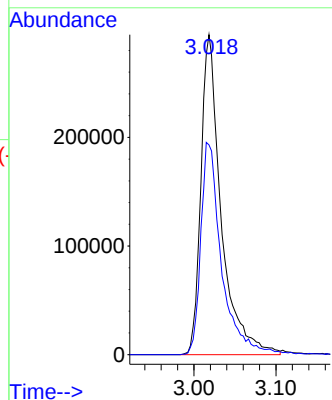
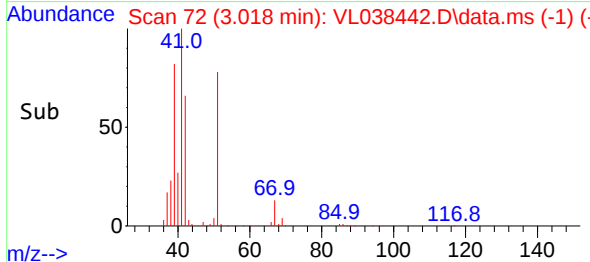
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



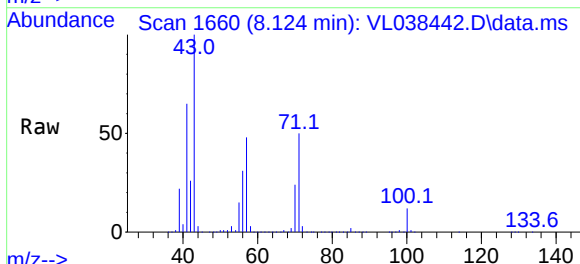
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Ion Ratio Lower Upper
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42 68.6 54.6 82.0

Manual Integrations
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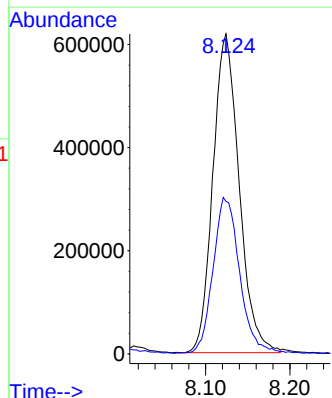
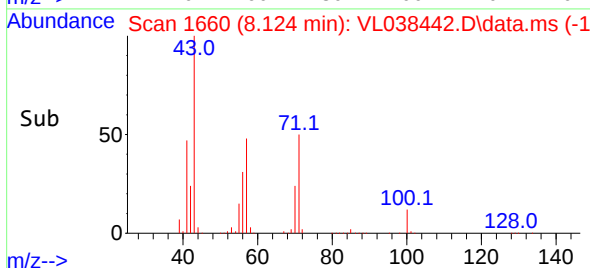
Reviewed By :Semsettin Yesilyurt 02/28/2022
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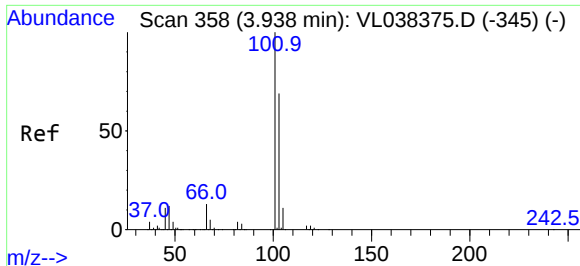


#10
Heptane
Concen: 10.741 ppbv
RT: 8.124 min Scan# 1660
Delta R.T. 0.026 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07



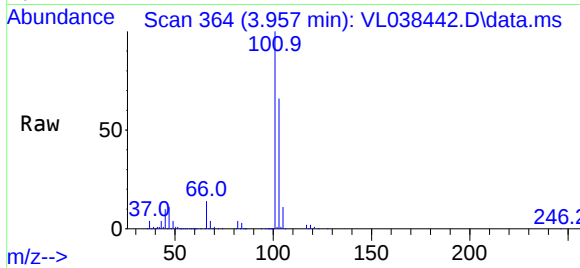
Tgt Ion: 43 Resp: 1335537
Ion Ratio Lower Upper
43 100
57 50.1 39.8 59.8





#11
Trichlorofluoromethane
Concen: 10.510 ppbv
RT: 3.957 min Scan# 30
Delta R.T. 0.019 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

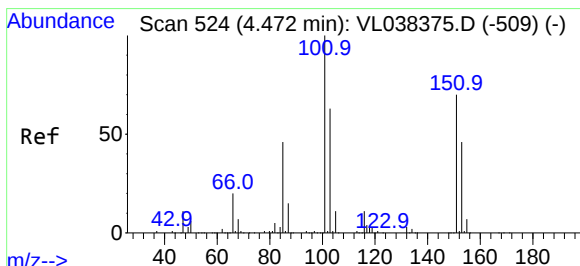
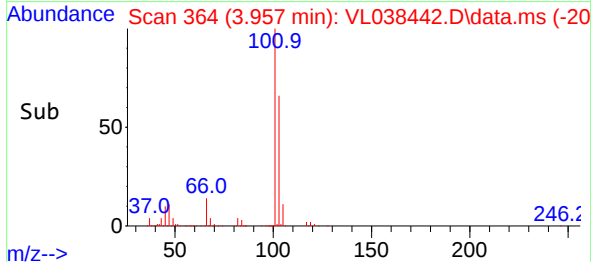
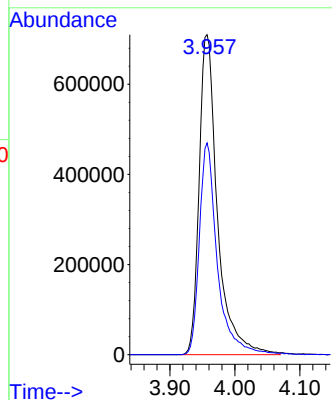
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:101 Resp: 139623
Ion Ratio Lower Upper
101 100
103 66.1 55.0 82.4

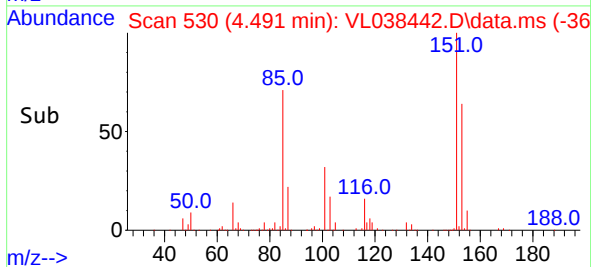
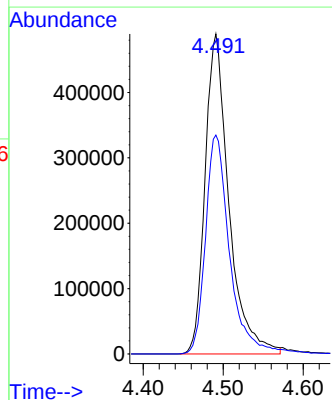
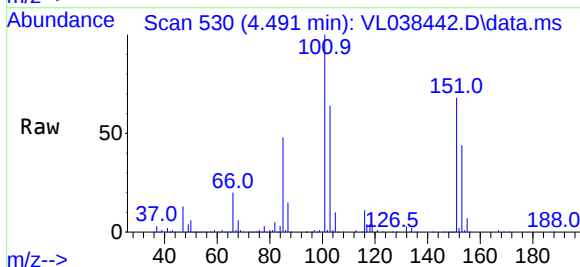
Manual Integrations
APPROVED

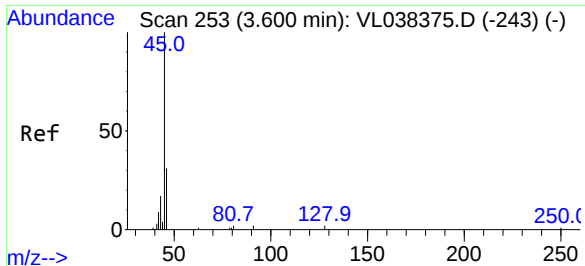
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 10.391 ppbv
RT: 4.491 min Scan# 530
Delta R.T. 0.019 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

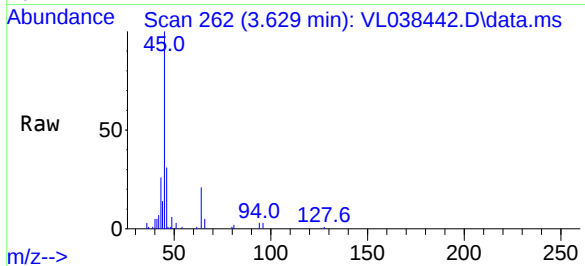
Tgt Ion:101 Resp: 1012050
Ion Ratio Lower Upper
101 100
151 69.9 55.9 83.9





#13
Ethanol
Concen: 9.316 ppbv
RT: 3.629 min Scan# 20
Delta R.T. 0.029 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

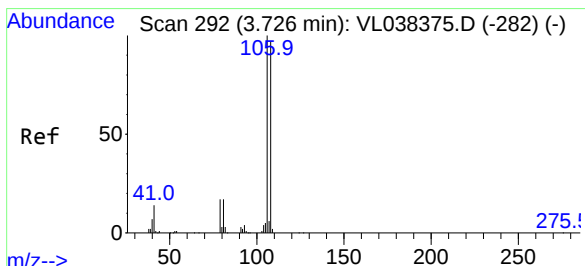
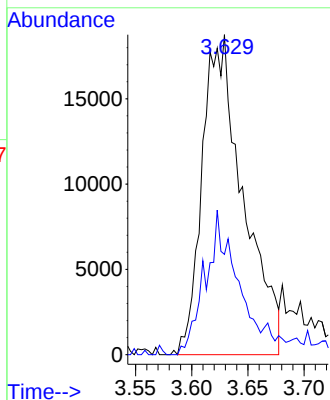
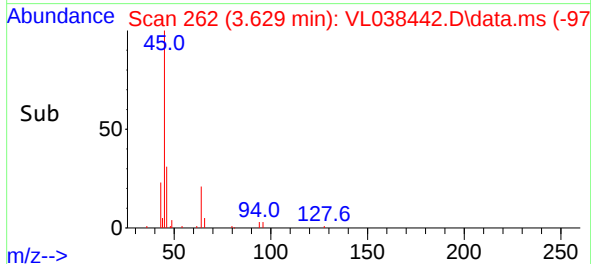
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



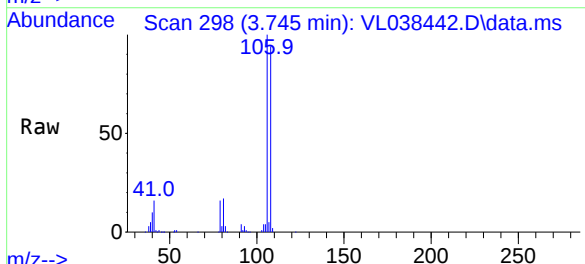
Tgt Ion: 45 Resp: 4749
Ion Ratio Lower Upper
45 100
46 42.5 18.2 72.8

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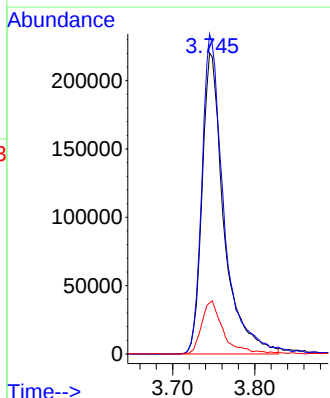
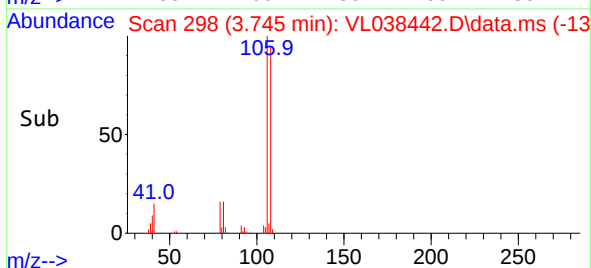
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

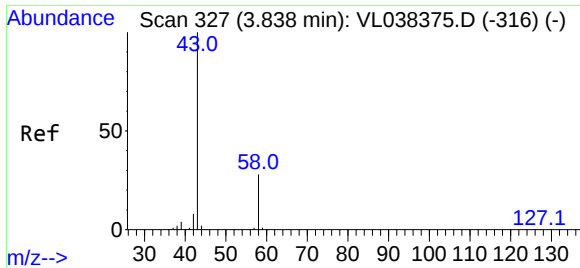


#14
Bromoethene
Concen: 10.472 ppbv
RT: 3.745 min Scan# 298
Delta R.T. 0.019 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07



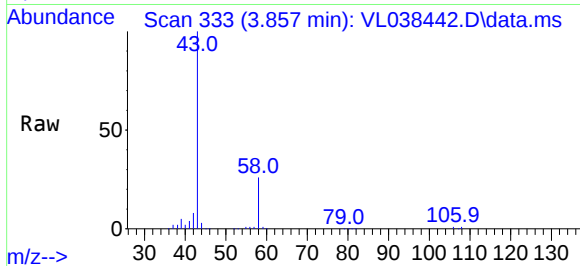
Tgt Ion:108 Resp: 406338
Ion Ratio Lower Upper
108 100
106 108.2 88.4 132.6
79 18.1 15.0 22.6





#15
Acetone
Concen: 9.008 ppbv
RT: 3.857 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

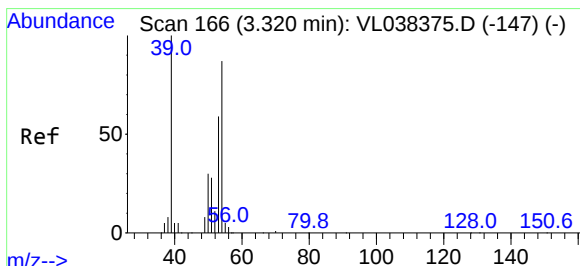
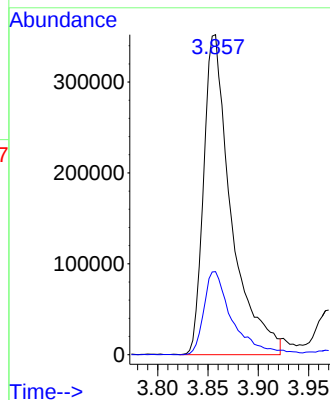
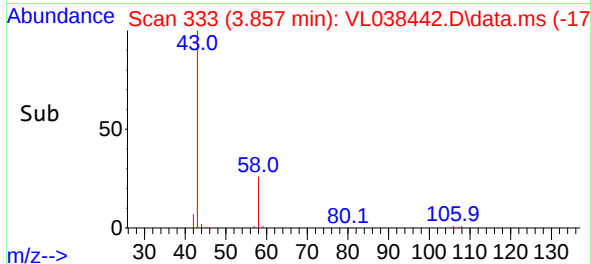
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 43 Resp: 671139
Ion Ratio Lower Upper
43 100
58 26.9 21.7 32.5

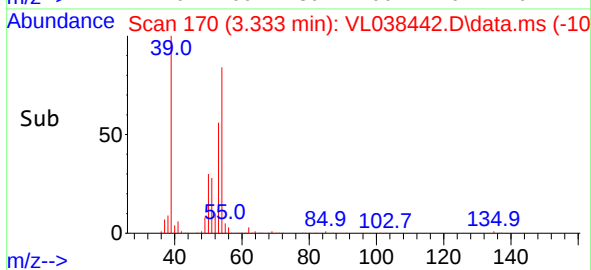
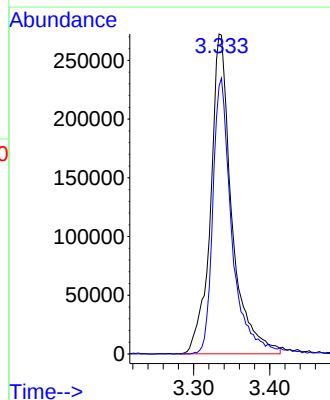
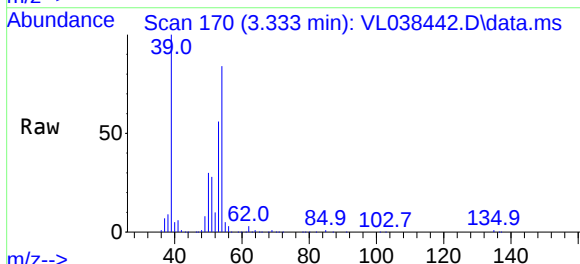
Manual Integrations
APPROVED

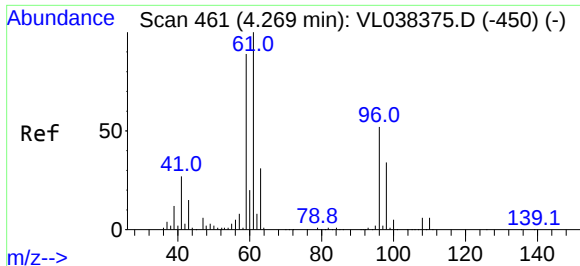
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#16
1,3-Butadiene
Concen: 10.627 ppbv
RT: 3.333 min Scan# 170
Delta R.T. 0.013 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

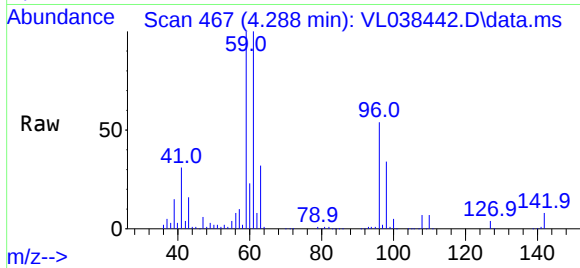
Tgt Ion: 39 Resp: 528847
Ion Ratio Lower Upper
39 100
54 78.1 60.3 90.5





#17
tert-Butyl alcohol
Concen: 11.545 ppbv
RT: 4.288 min Scan# 467
Delta R.T. 0.019 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

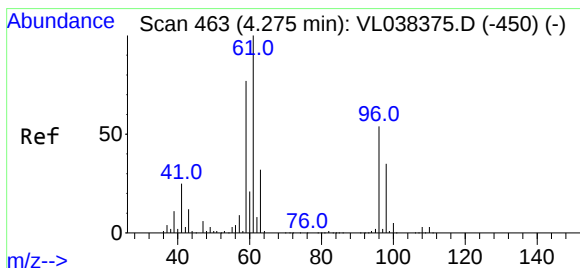
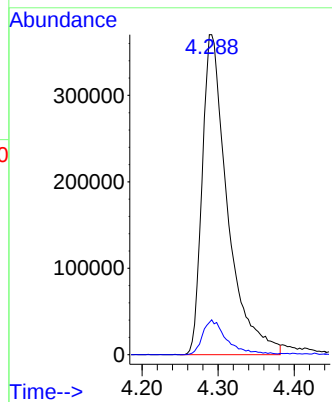
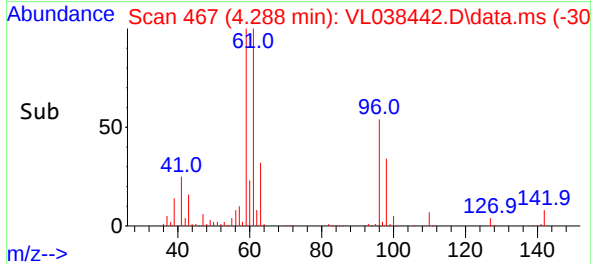
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



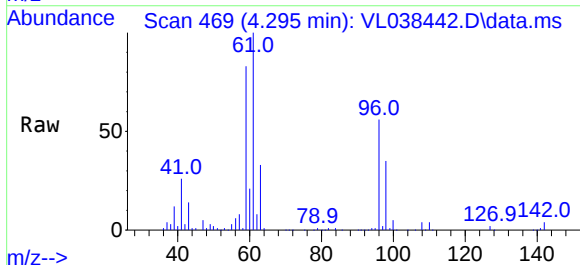
Tgt Ion: 59 Resp: 858159
Ion Ratio Lower Upper
59 100
57 10.8 8.4 12.6

Manual Integrations
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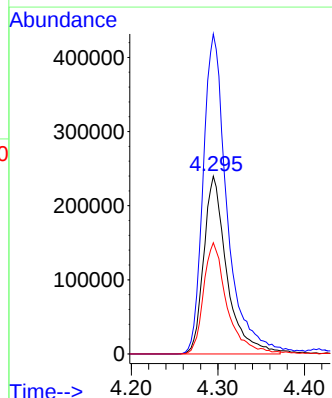
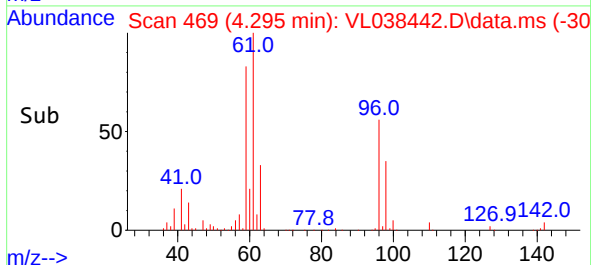
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

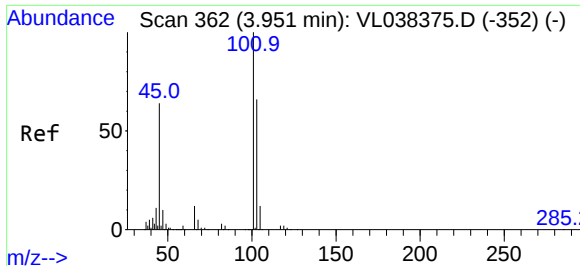


#18
1,1-Dichloroethene
Concen: 10.428 ppbv
RT: 4.295 min Scan# 469
Delta R.T. 0.019 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07



Tgt Ion: 96 Resp: 445945
Ion Ratio Lower Upper
96 100
61 179.9 146.8 220.2
98 62.5 51.5 77.3





#19
Isopropyl Alcohol
Concen: 10.060 ppbv
RT: 3.973 min Scan# 30
Delta R.T. 0.023 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

Instrument :

MSVOA_L

ClientSampleId :

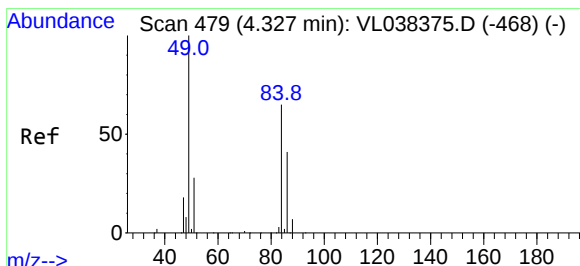
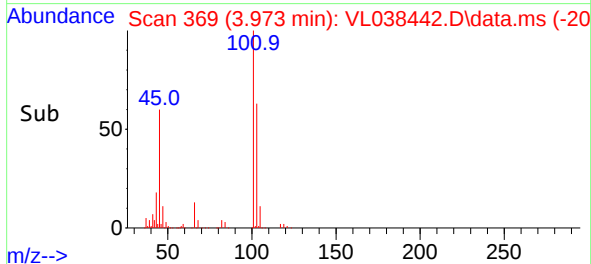
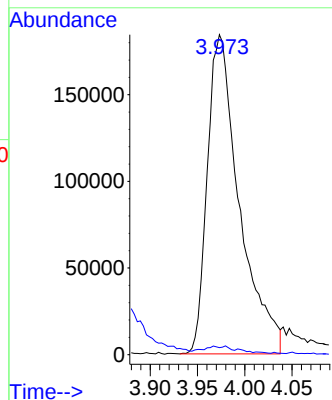
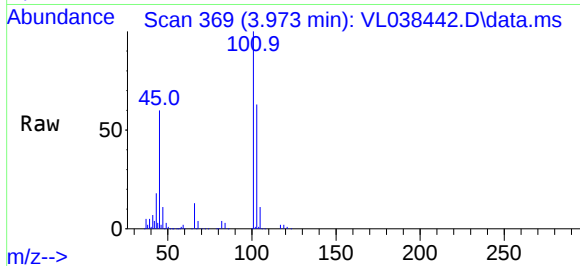
VSTDCCC010EC

Tgt Ion: 45 Resp: 433993
Ion Ratio Lower Upper
45 100
58 2.6 1.8 2.8

Manual Integrations

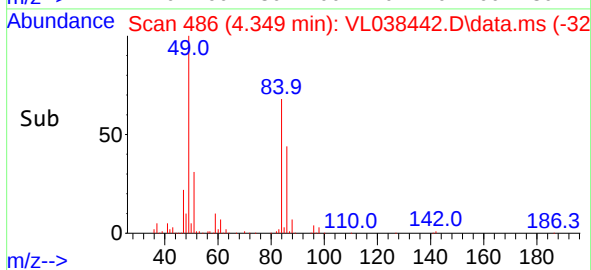
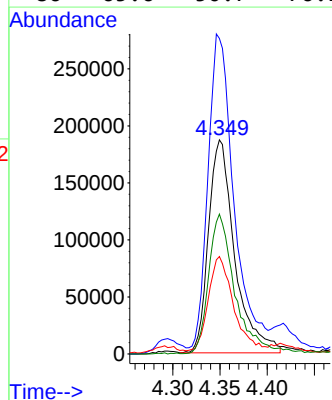
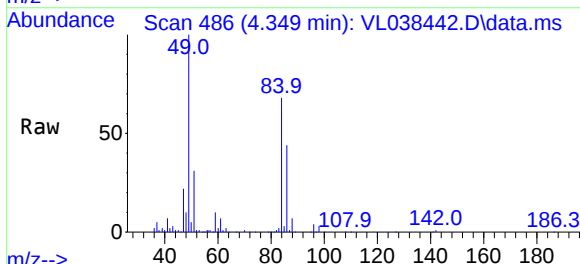
APPROVED

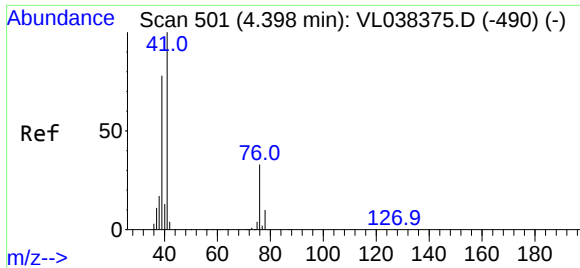
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#20
Methylene Chloride
Concen: 9.784 ppbv
RT: 4.349 min Scan# 486
Delta R.T. 0.023 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

Tgt Ion: 84 Resp: 361174
Ion Ratio Lower Upper
84 100
49 144.0 122.4 183.6
51 44.2 33.3 49.9
86 65.6 50.7 76.1





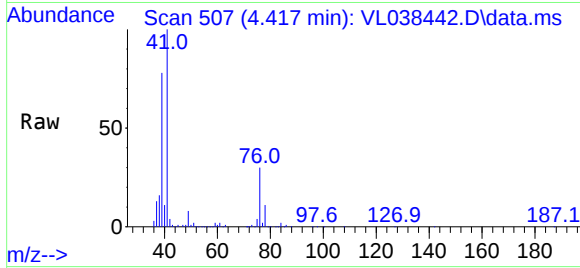
#21
 Allyl Chloride
 Concen: 9.931 ppbv
 RT: 4.417 min Scan# 501
 Delta R.T. 0.019 min
 Lab File: VL038442.D
 Acq: 25 Feb 2022 10:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

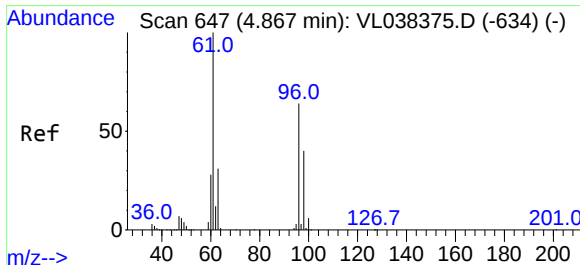
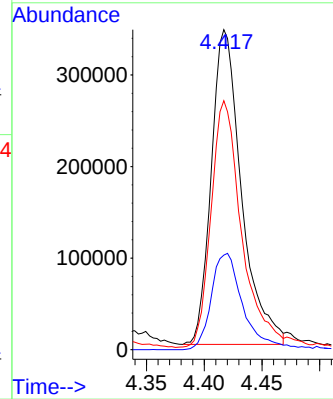
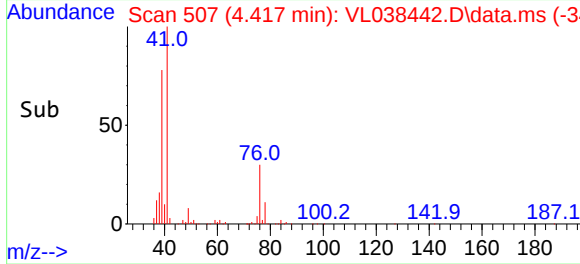


Tgt Ion: 41 Resp: 62493
 Ion Ratio Lower Upper
 41 100
 76 32.7 25.4 38.0
 39 81.9 63.0 94.6

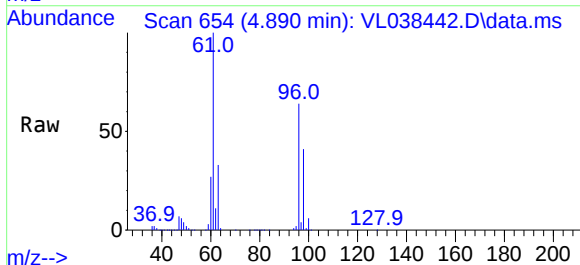
Manual Integrations

APPROVED

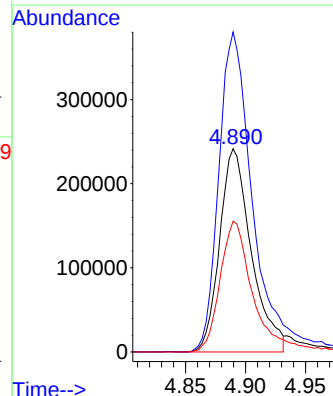
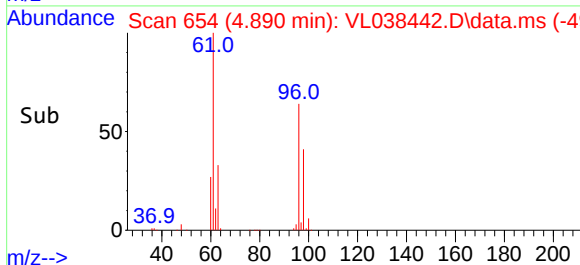
Reviewed By :Semsettin Yesilyurt 02/28/2022
 Supervised By :Mahesh Dadoda 02/28/2022

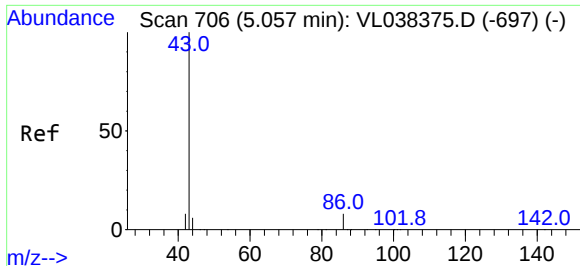


#22
 trans-1,2-Dichloroethene
 Concen: 10.288 ppbv
 RT: 4.890 min Scan# 654
 Delta R.T. 0.023 min
 Lab File: VL038442.D
 Acq: 25 Feb 2022 10:07



Tgt Ion: 96 Resp: 443899
 Ion Ratio Lower Upper
 96 100
 61 157.4 124.2 186.4
 98 64.4 49.1 73.7





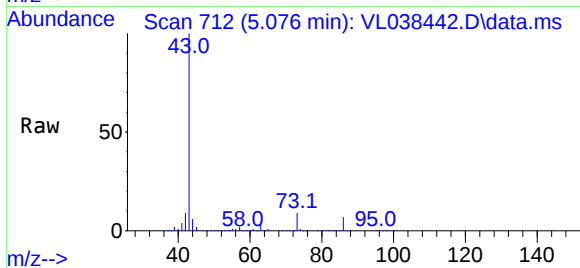
#23
 Vinyl Acetate
 Concen: 10.494 ppbv
 RT: 5.076 min Scan# 712
 Delta R.T. 0.019 min
 Lab File: VL038442.D
 Acq: 25 Feb 2022 10:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC



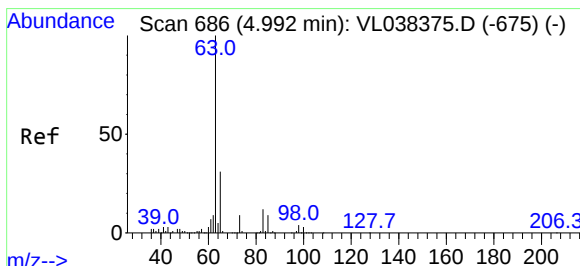
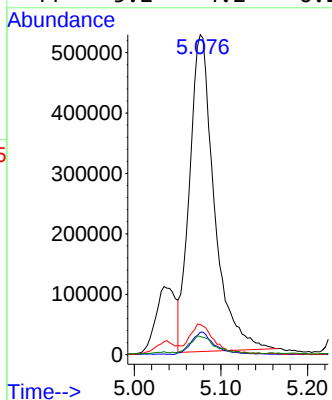
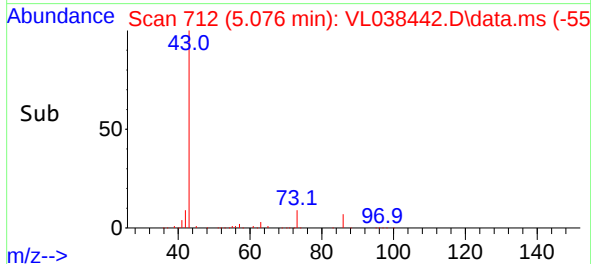
Tgt Ion: 43 Resp: 103612

Ion	Ratio	Lower	Upper
43	100		
86	7.0	5.8	8.6
42	9.3	7.4	11.0
44	5.2	4.2	6.2

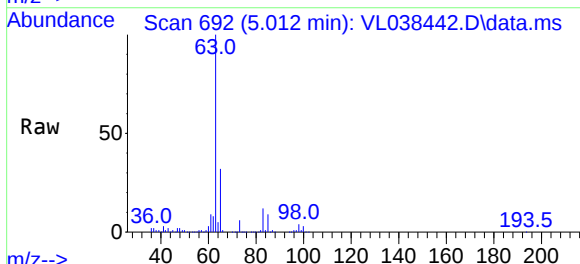
Manual Integrations

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Reviewed By :Semsettin Yesilyurt 02/28/2022
 Supervised By :Mahesh Dadoda 02/28/2022

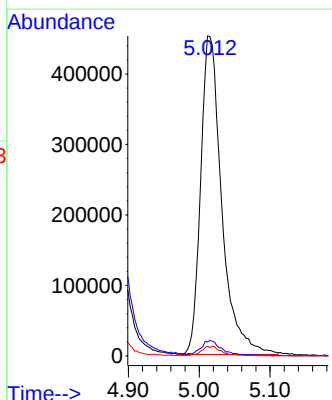
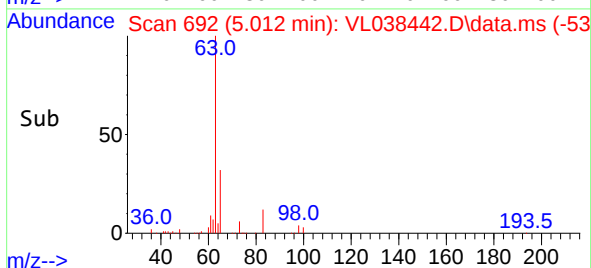


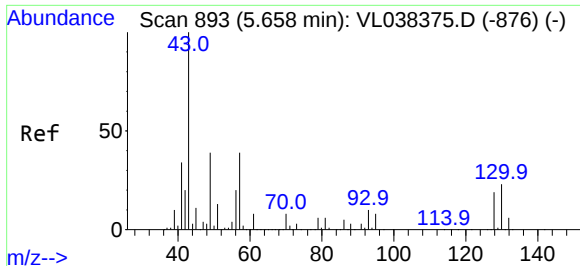
#24
 1,1-Dichloroethane
 Concen: 10.505 ppbv
 RT: 5.012 min Scan# 692
 Delta R.T. 0.019 min
 Lab File: VL038442.D
 Acq: 25 Feb 2022 10:07



Tgt Ion: 63 Resp: 932507

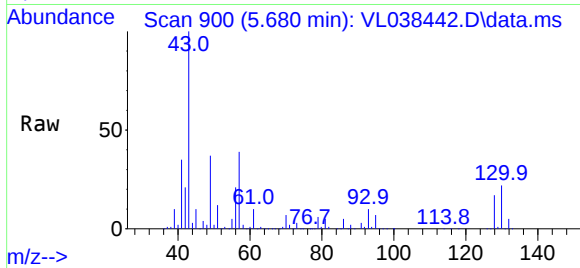
Ion	Ratio	Lower	Upper
63	100		
98	4.3	2.1	6.5
100	3.0	1.4	4.2





#25
Ethyl Acetate
Concen: 10.282 ppbv
RT: 5.680 min Scan# 903
Delta R.T. 0.023 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

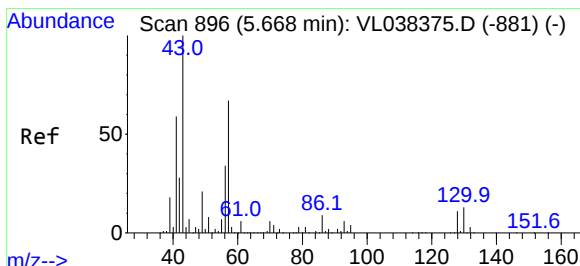
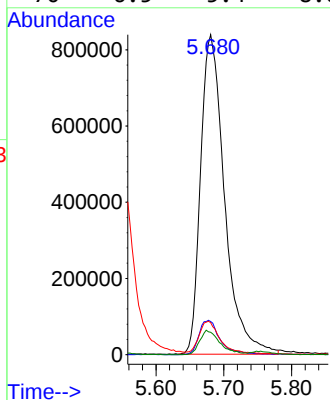
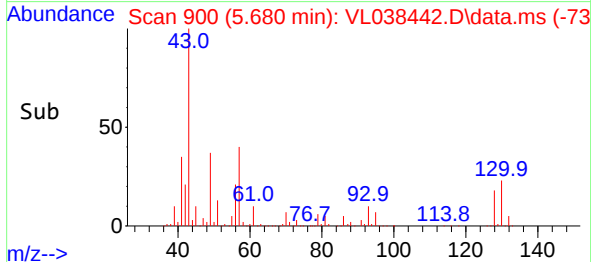


Tgt Ion: 43 Resp: 2058004

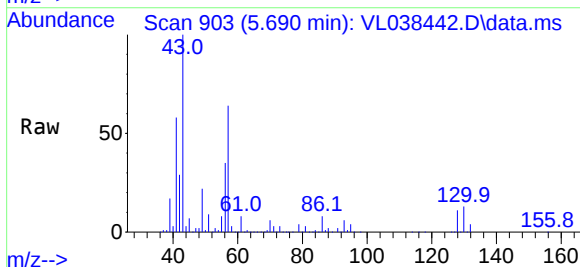
Ion	Ratio	Lower	Upper
43	100		
45	9.9	7.8	11.6
61	9.6	7.5	11.3
70	6.5	5.4	8.0

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

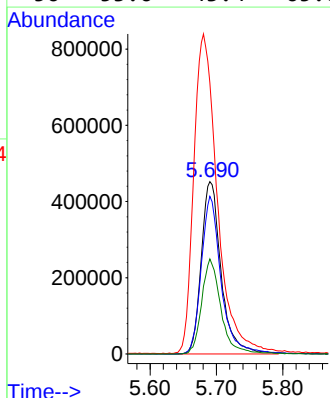
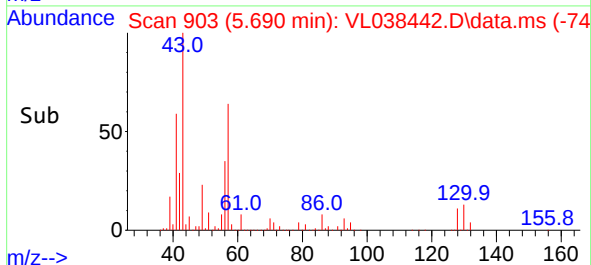


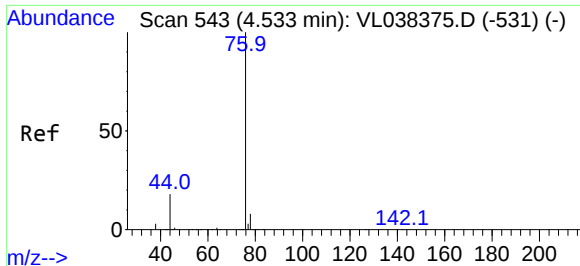
#26
Hexane
Concen: 10.380 ppbv
RT: 5.690 min Scan# 903
Delta R.T. 0.023 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07



Tgt Ion: 57 Resp: 940893

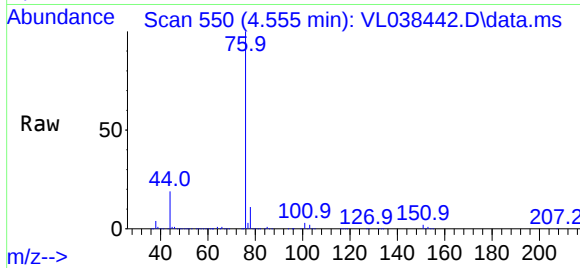
Ion	Ratio	Lower	Upper
57	100		
41	91.6	73.1	109.7
43	221.9	181.0	271.4
56	53.6	43.4	65.0





#27
Carbon Disulfide
Concen: 11.038 ppbv
RT: 4.555 min Scan# 511
Delta R.T. 0.023 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

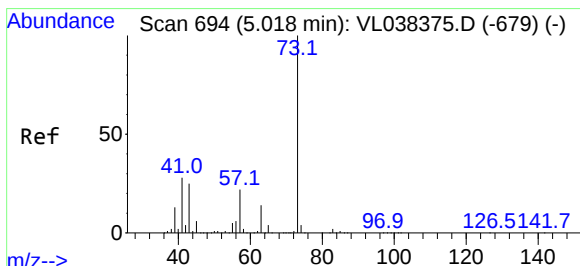
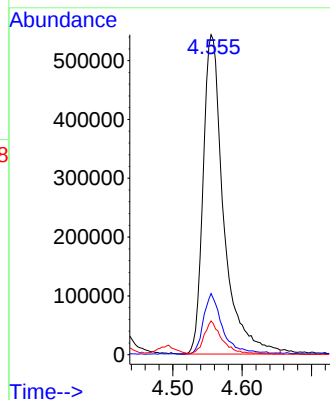
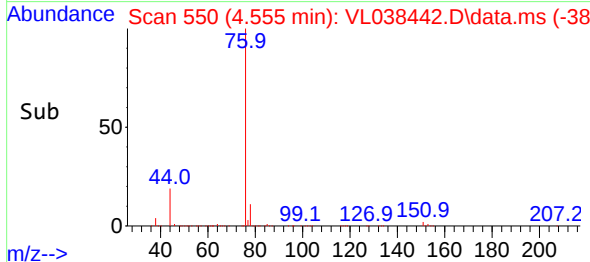
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 76 Resp: 111291
Ion Ratio Lower Upper
76 100
44 18.5 14.2 21.2
78 9.9 7.8 11.6

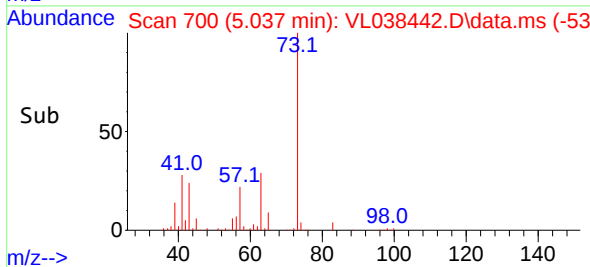
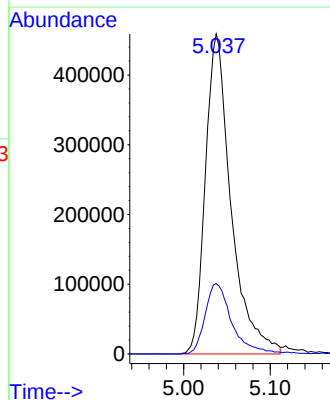
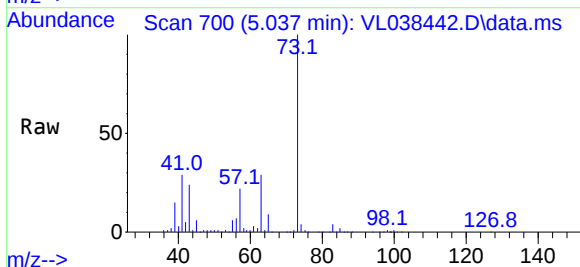
Manual Integrations
APPROVED

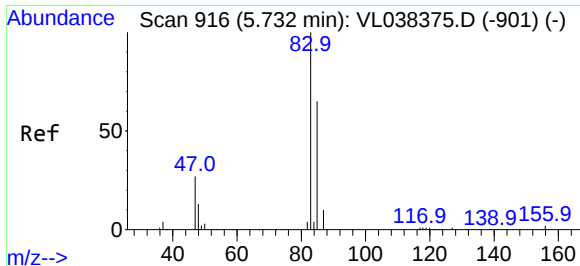
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#28
Methyl tert-Butyl Ether
Concen: 10.208 ppbv
RT: 5.037 min Scan# 700
Delta R.T. 0.019 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

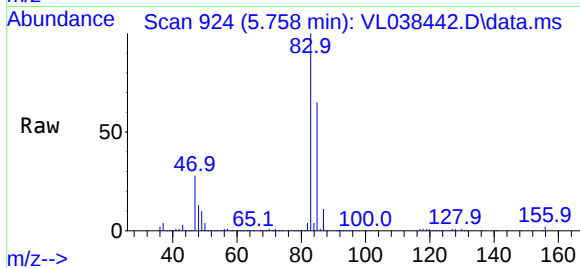
Tgt Ion: 73 Resp: 942464
Ion Ratio Lower Upper
73 100
57 23.2 18.2 27.4





#29
Chloroform
Concen: 10.422 ppbv
RT: 5.758 min Scan# 916
Delta R.T. 0.026 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

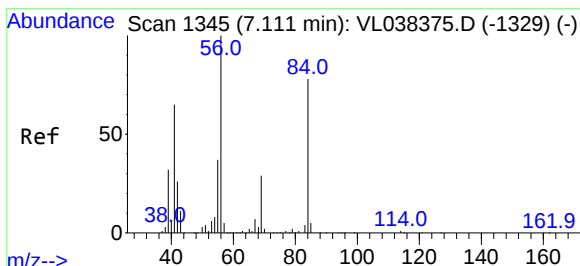
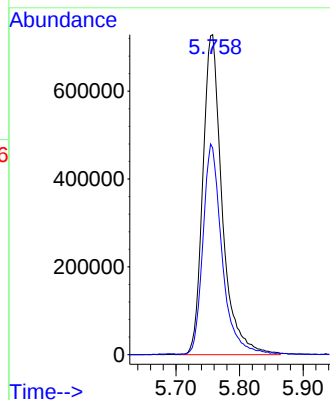
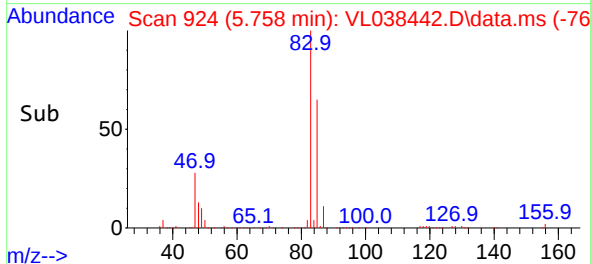
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



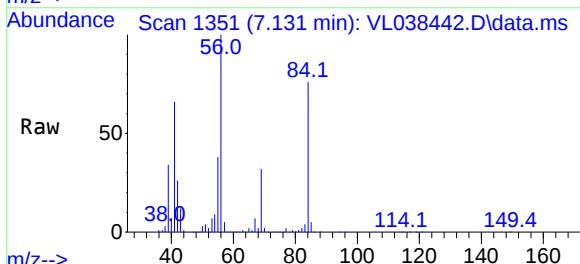
Tgt Ion: 83 Resp: 154190
Ion Ratio Lower Upper
83 100
85 64.3 51.6 77.4

Manual Integrations
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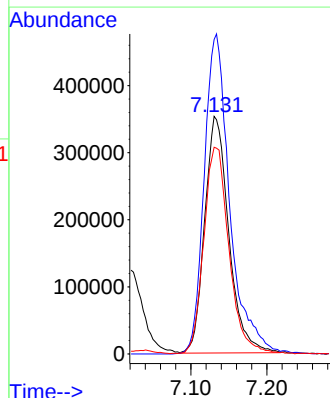
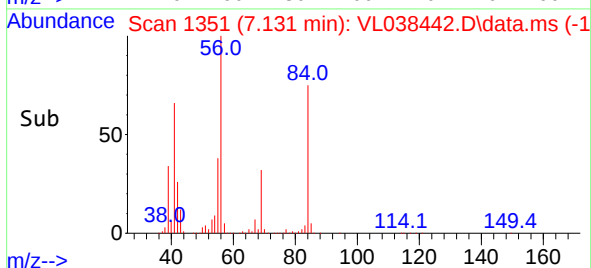
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

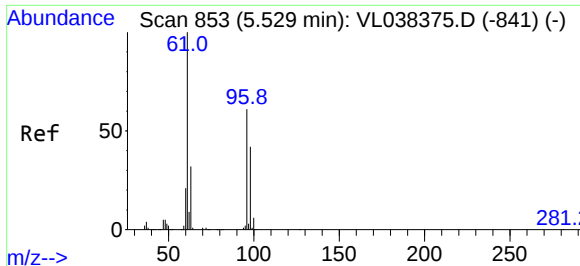


#30
Cyclohexane
Concen: 10.513 ppbv
RT: 7.131 min Scan# 1351
Delta R.T. 0.019 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07



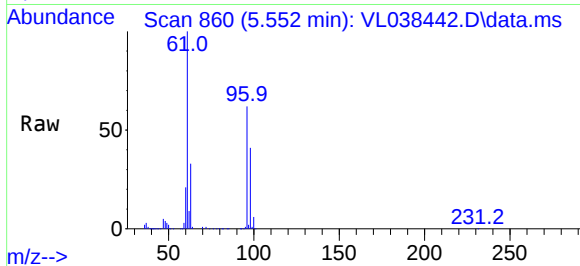
Tgt Ion: 84 Resp: 779333
Ion Ratio Lower Upper
84 100
56 143.9 116.2 174.4
41 91.4 74.3 111.5





#31
cis-1,2-Dichloroethene
Concen: 10.388 ppbv
RT: 5.552 min Scan# 80
Delta R.T. 0.023 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

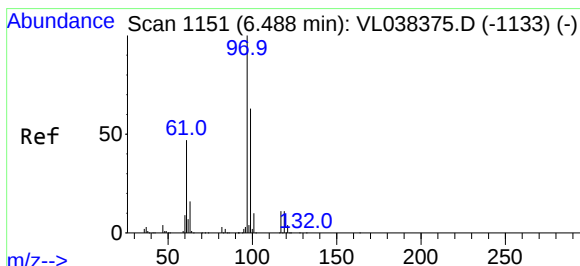
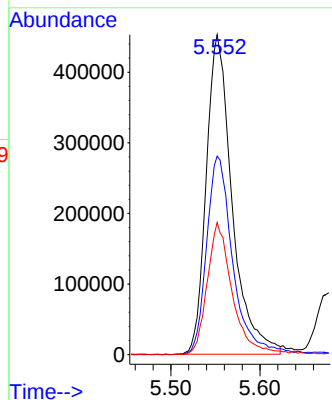
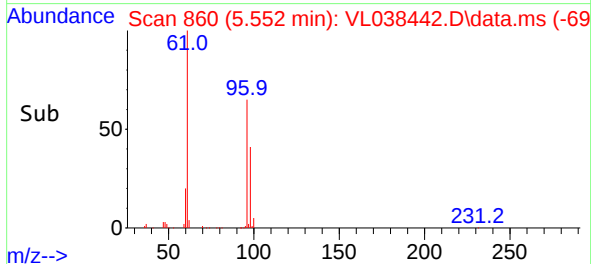
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



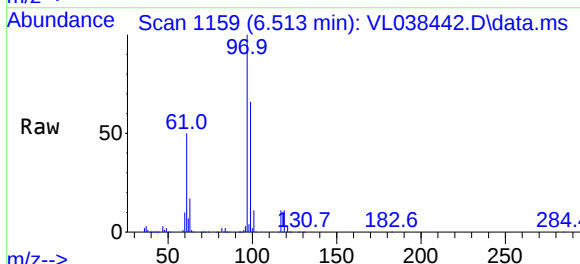
Tgt Ion: 61 Resp: 91226
Ion Ratio Lower Upper
61 100
96 61.9 48.6 73.0
98 41.3 33.2 49.8

Manual Integrations
APPROVED

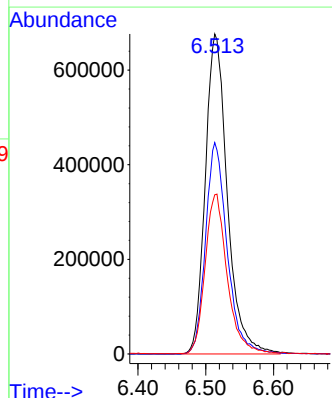
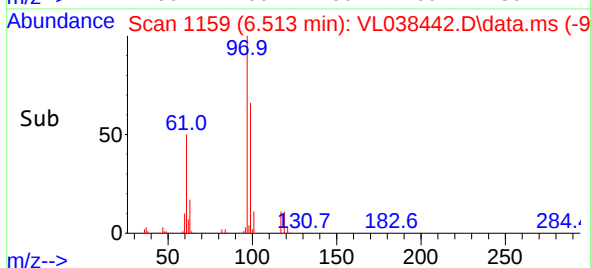
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

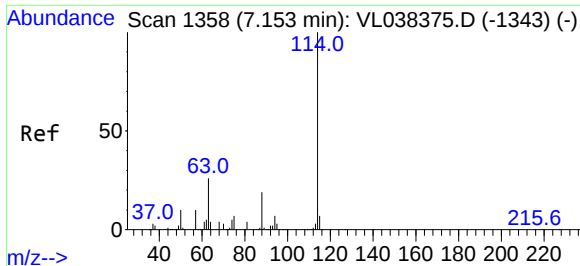


#32
1,1,1-Trichloroethane
Concen: 10.269 ppbv
RT: 6.513 min Scan# 1159
Delta R.T. 0.026 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07



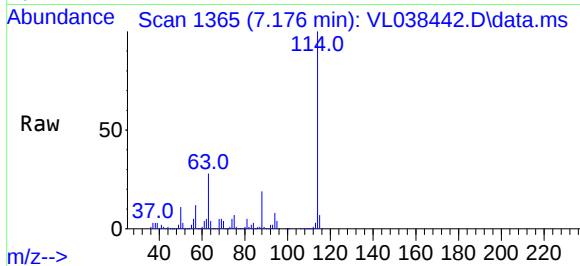
Tgt Ion: 97 Resp: 1527760
Ion Ratio Lower Upper
97 100
99 65.0 51.9 77.9
61 50.4 40.5 60.7





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.176 min Scan# 114
Delta R.T. 0.023 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

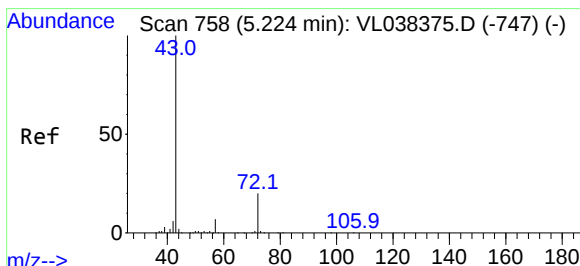
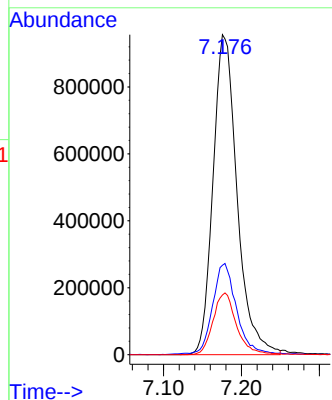
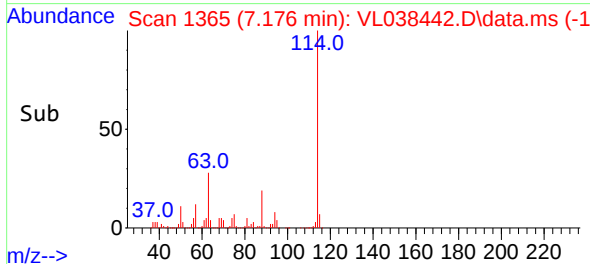
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion:114 Resp: 2054640
Ion Ratio Lower Upper
114 100
63 28.8 22.2 33.2
88 18.9 15.2 22.8

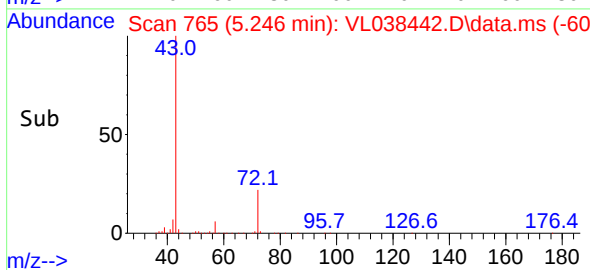
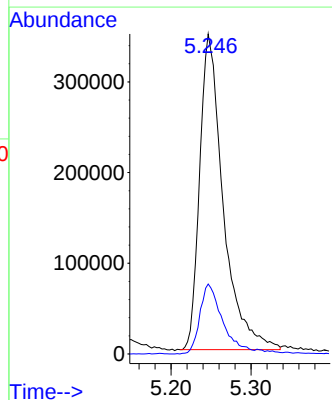
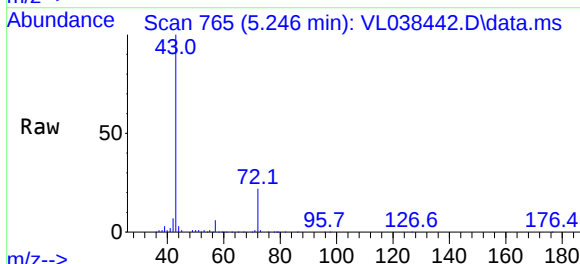
Manual Integrations
APPROVED

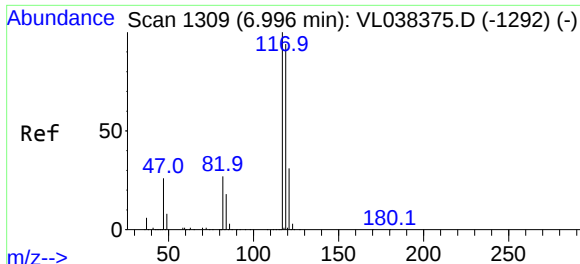
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#34
2-Butanone
Concen: 11.044 ppbv
RT: 5.246 min Scan# 765
Delta R.T. 0.023 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

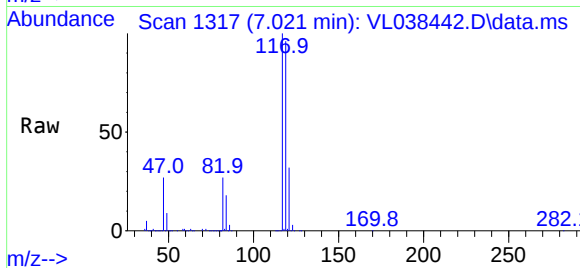
Tgt Ion: 43 Resp: 713660
Ion Ratio Lower Upper
43 100
72 22.8 17.4 26.2





#35
Carbon Tetrachloride
Concen: 10.979 ppbv
RT: 7.021 min Scan# 117
Delta R.T. 0.026 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

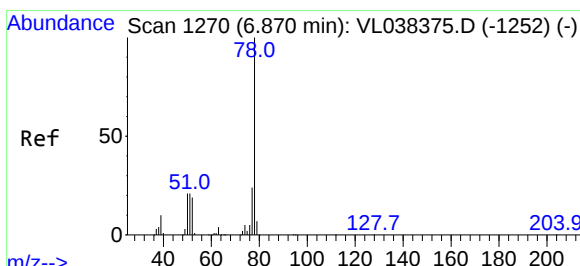
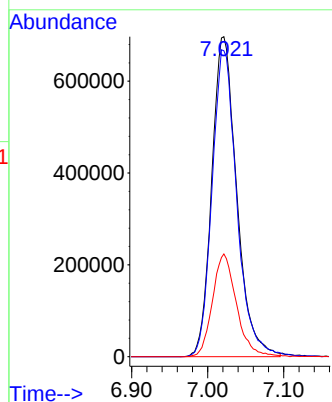
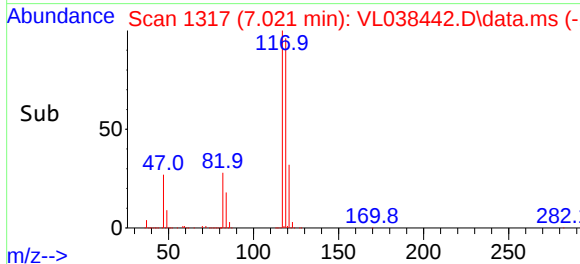
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



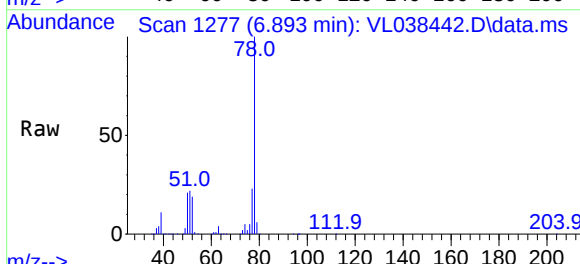
Tgt Ion:117 Resp: 158627
Ion Ratio Lower Upper
117 100
119 95.6 74.9 112.3
121 32.1 24.8 37.2

Manual Integrations
APPROVED

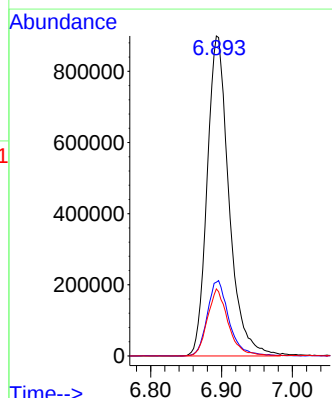
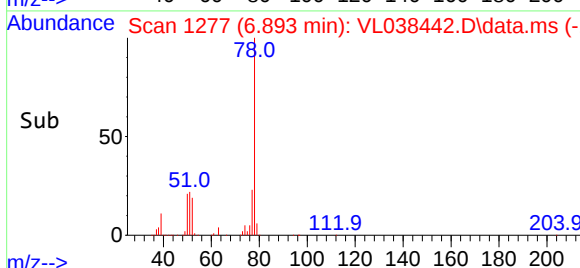
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

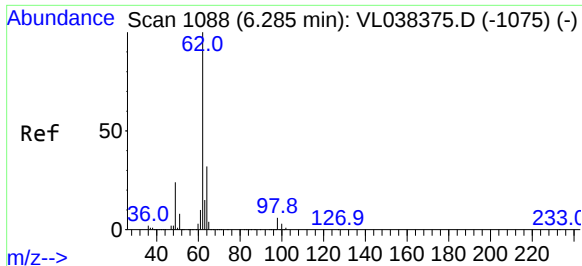


#36
Benzene
Concen: 10.627 ppbv
RT: 6.893 min Scan# 1277
Delta R.T. 0.023 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07



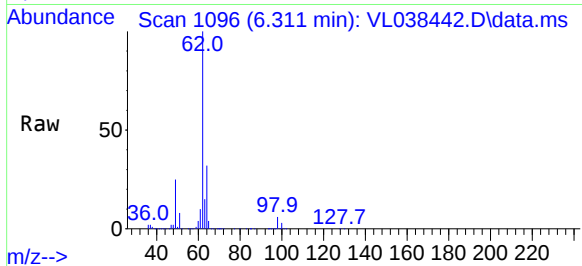
Tgt Ion: 78 Resp: 1922257
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6
50 20.9 16.6 24.8





#37
1,2-Dichloroethane
Concen: 11.035 ppbv
RT: 6.311 min Scan# 1096
Delta R.T. 0.026 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

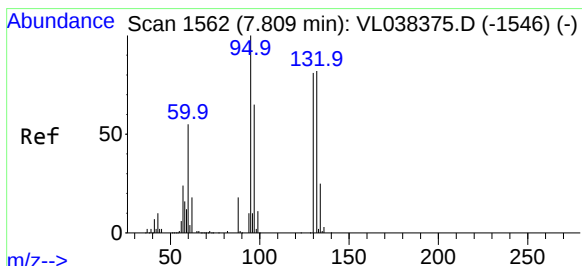
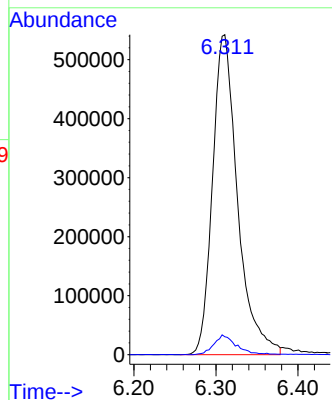
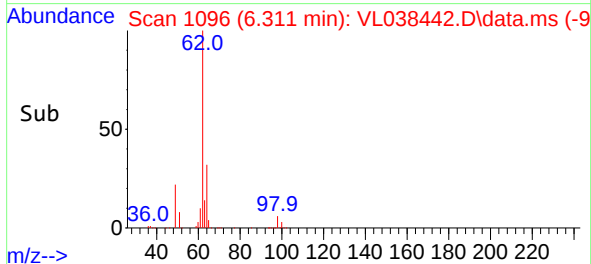
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 62 Resp: 115339
Ion Ratio Lower Upper
62 100
98 5.7 4.6 7.0

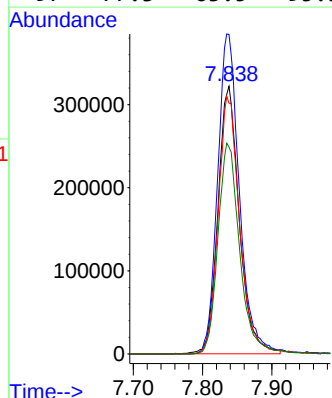
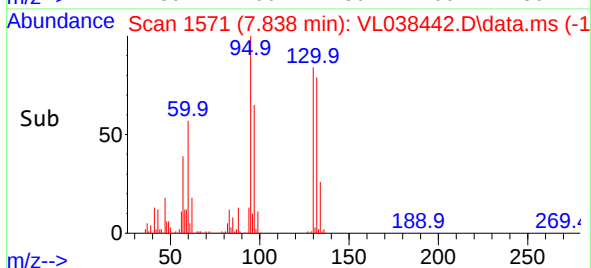
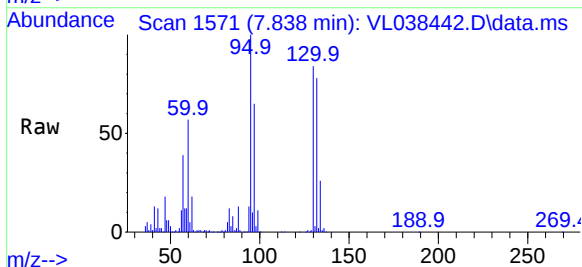
Manual Integrations
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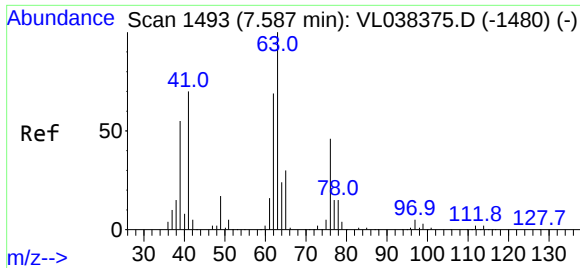
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#38
Trichloroethene
Concen: 10.499 ppbv
RT: 7.838 min Scan# 1571
Delta R.T. 0.029 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

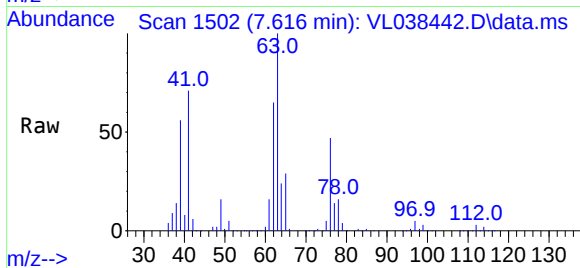
Tgt Ion:130 Resp: 691749
Ion Ratio Lower Upper
130 100
95 119.4 98.1 147.1
132 93.7 80.3 120.5
97 77.3 63.5 95.3





#39
1,2-Dichloropropane
Concen: 10.800 ppbv
RT: 7.616 min Scan# 11
Delta R.T. 0.029 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

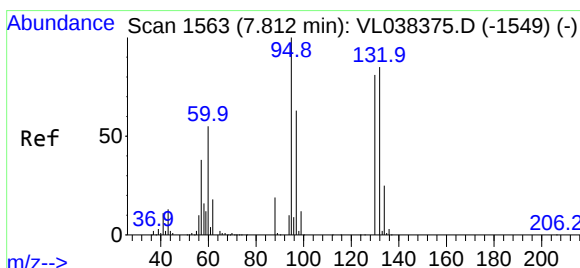
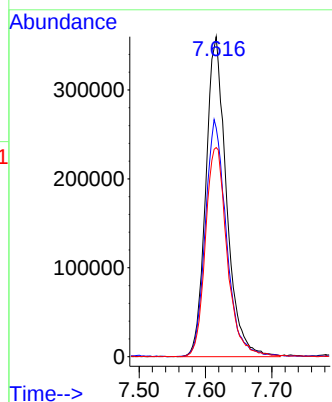
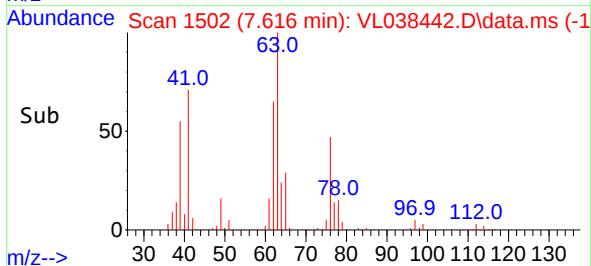
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



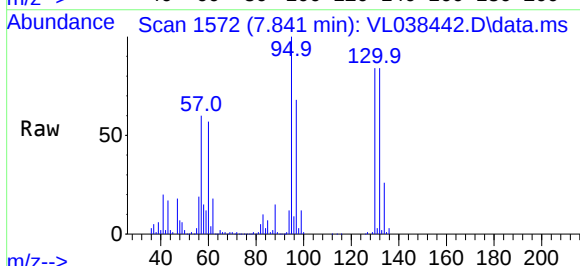
Tgt Ion: 63 Resp: 778080
Ion Ratio Lower Upper
63 100
41 71.4 56.1 84.1
62 65.2 55.5 83.3

Manual Integrations
APPROVED

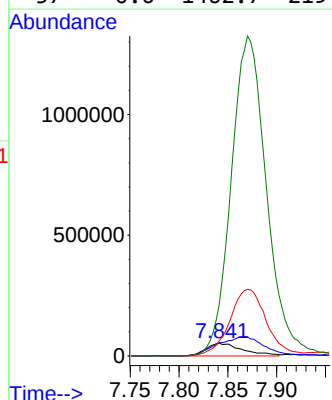
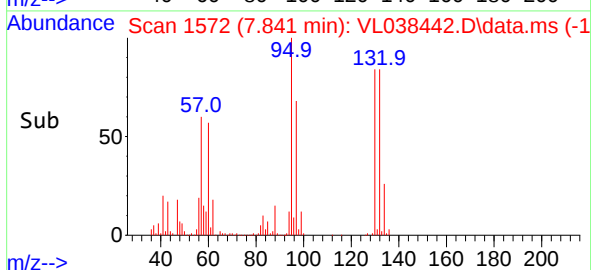
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

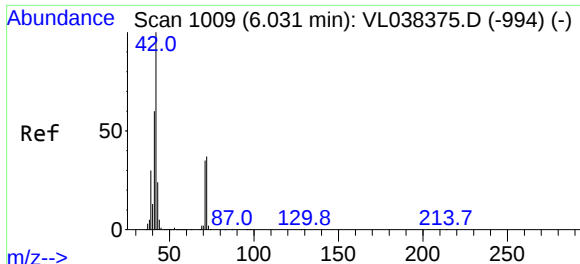


#40
1,4-Dioxane
Concen: 8.111 ppbv m
RT: 7.841 min Scan# 1572
Delta R.T. 0.029 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07



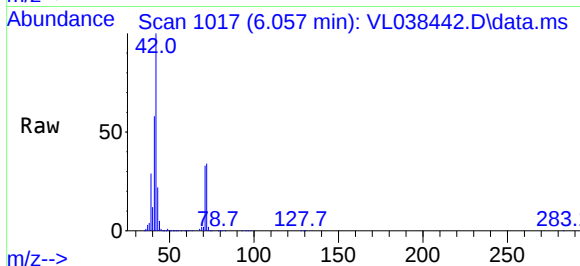
Tgt Ion: 88 Resp: 138608
Ion Ratio Lower Upper
88 100
58 0.0 133.2 199.8#
43 0.0 330.6 496.0#
57 0.0 1462.7 2194.1#





#41
Tetrahydrofuran
Concen: 10.839 ppbv
RT: 6.057 min Scan# 1009
Delta R.T. 0.026 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

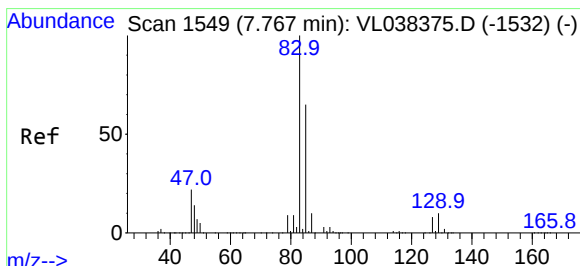
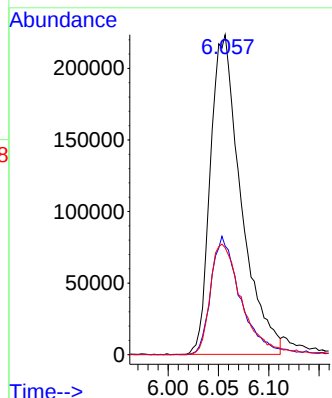
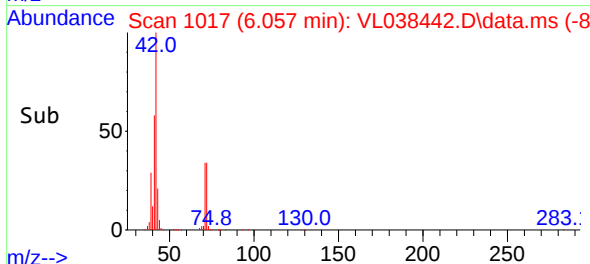
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



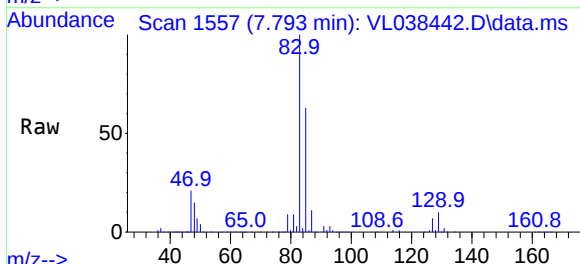
Tgt Ion: 42 Resp: 473244
Ion Ratio Lower Upper
42 100
72 36.9 29.9 44.9
71 36.5 28.6 42.8

Manual Integrations
APPROVED

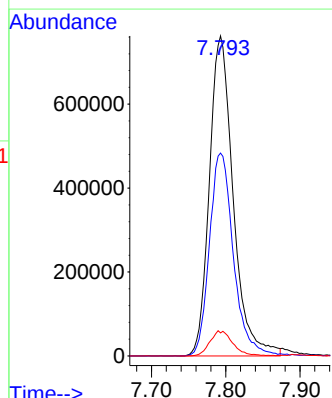
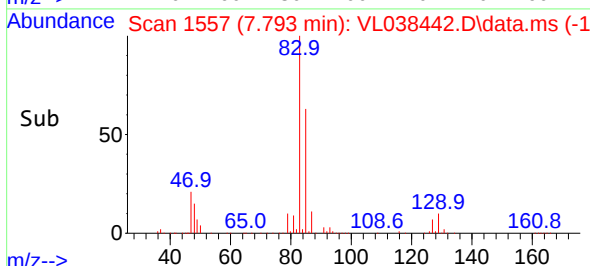
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

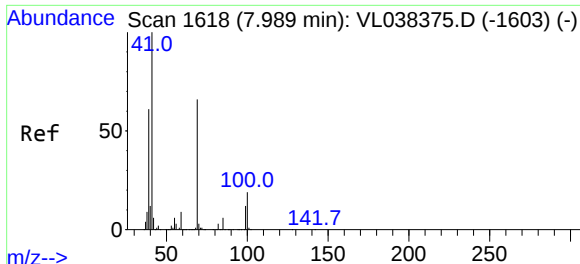


#42
Bromodichloromethane
Concen: 11.260 ppbv
RT: 7.793 min Scan# 1557
Delta R.T. 0.026 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07



Tgt Ion: 83 Resp: 1699449
Ion Ratio Lower Upper
83 100
85 63.4 52.2 78.4
127 7.2 6.2 9.4





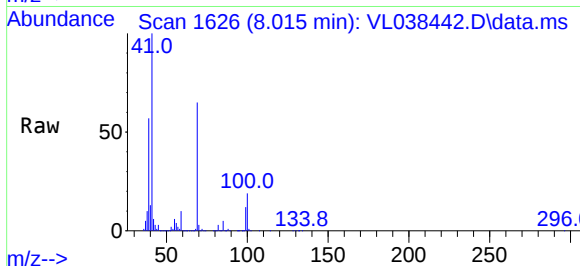
#43
Methyl Methacrylate
Concen: 11.494 ppbv
RT: 8.015 min Scan# 1
Delta R.T. 0.026 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDC010EC

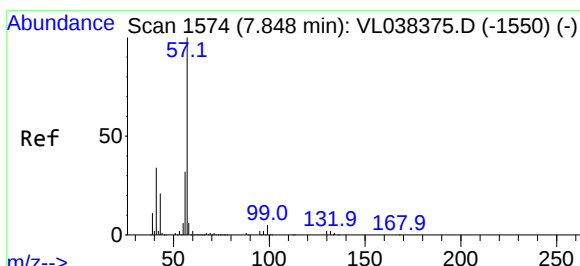
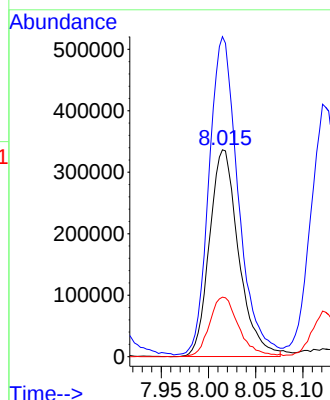
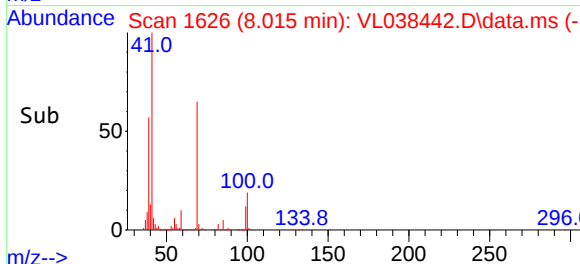


Tgt Ion: 69 Resp: 72274
Ion Ratio Lower Upper
69 100
41 155.1 122.9 184.3
100 29.2 23.6 35.4

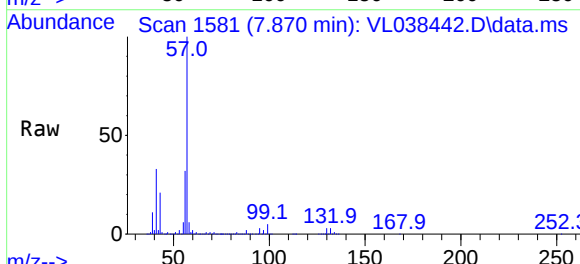
Manual Integrations

APPROVED

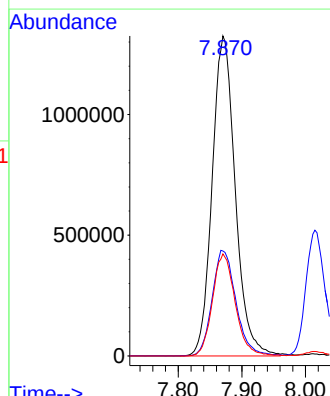
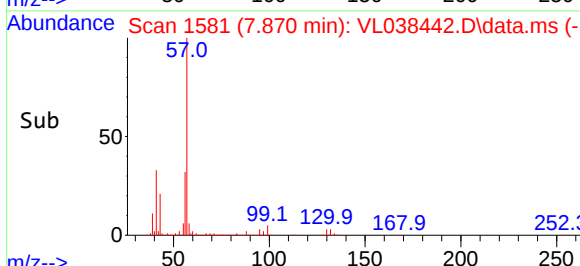
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

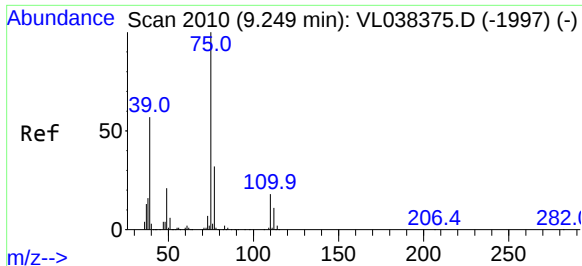


#44
2,2,4-Trimethylpentane
Concen: 10.755 ppbv
RT: 7.870 min Scan# 1581
Delta R.T. 0.023 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07



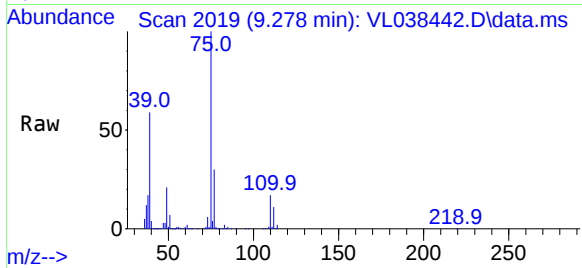
Tgt Ion: 57 Resp: 3343788
Ion Ratio Lower Upper
57 100
41 34.0 26.6 39.8
56 31.5 25.0 37.6





#45
t-1,3-Dichloropropene
Concen: 10.905 ppbv
RT: 9.278 min Scan# 2010
Delta R.T. 0.029 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

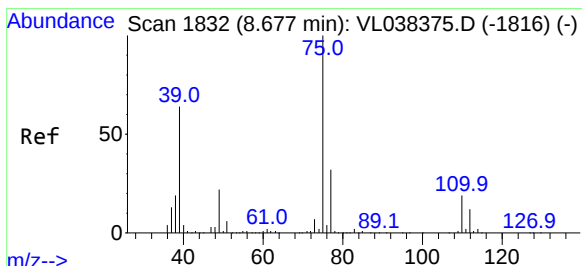
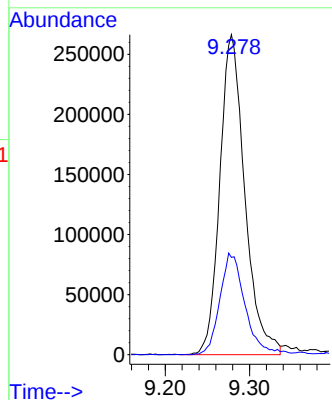
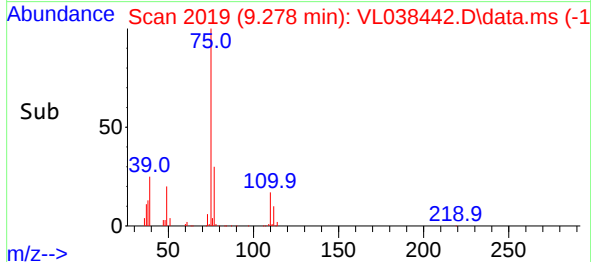
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



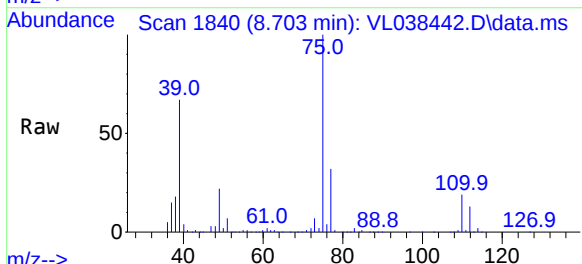
Tgt Ion: 75 Resp: 548012
Ion Ratio Lower Upper
75 100
77 30.4 25.4 38.0

Manual Integrations
APPROVED

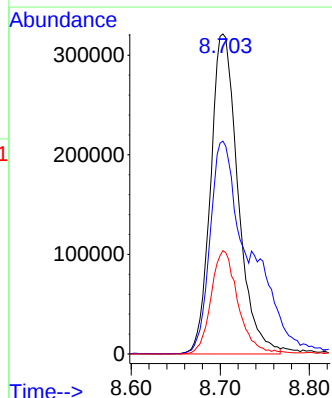
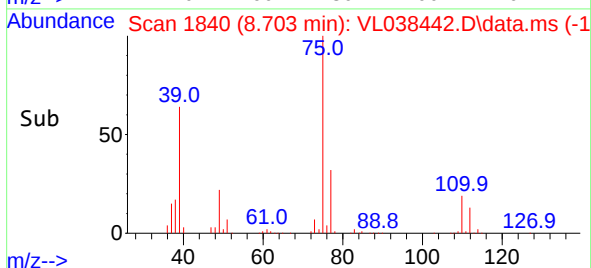
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

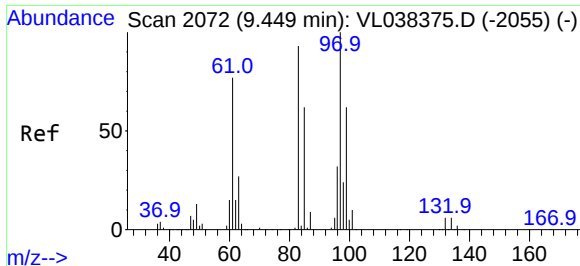


#46
cis-1,3-Dichloropropene
Concen: 10.432 ppbv
RT: 8.703 min Scan# 1840
Delta R.T. 0.026 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07



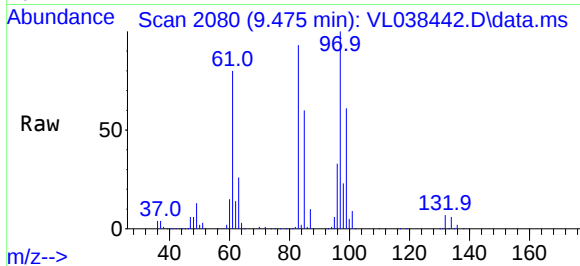
Tgt Ion: 75 Resp: 687082
Ion Ratio Lower Upper
75 100
39 66.3 51.4 77.2
77 32.3 25.4 38.2





#47
1,1,2-Trichloroethane
Concen: 10.902 ppbv
RT: 9.475 min Scan# 2072
Delta R.T. 0.026 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

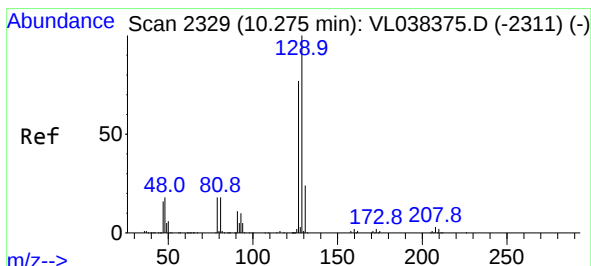
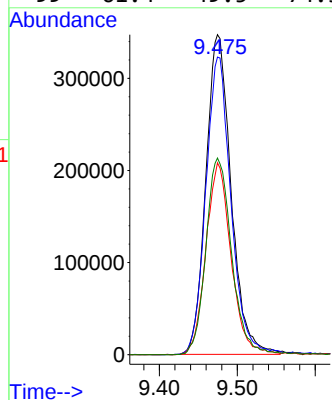
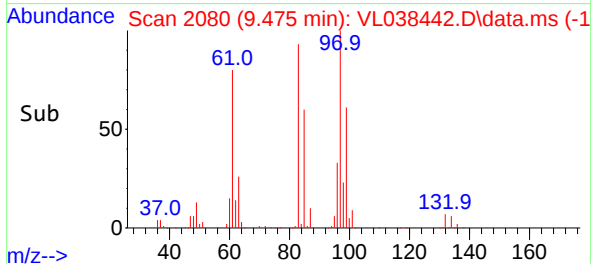
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



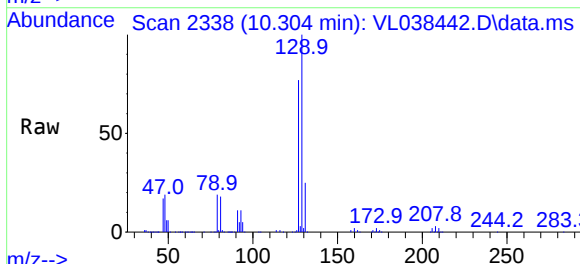
Tgt Ion: 97 Resp: 781460
Ion Ratio Lower Upper
97 100
83 92.9 74.2 111.4
85 59.9 49.8 74.8
99 61.4 49.5 74.3

Manual Integrations
APPROVED

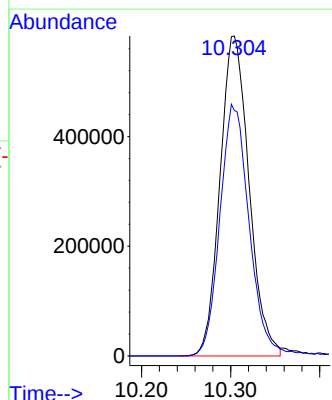
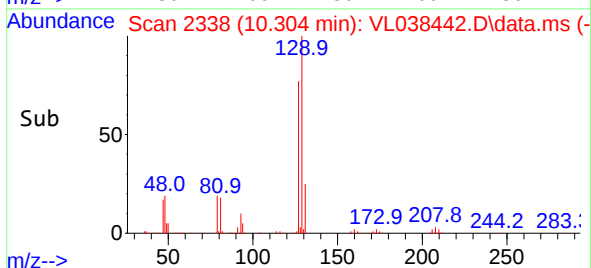
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

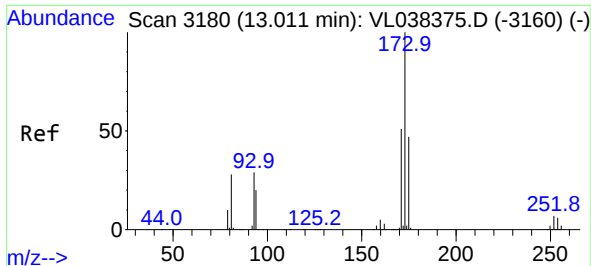


#48
Dibromochloromethane
Concen: 11.283 ppbv
RT: 10.304 min Scan# 2338
Delta R.T. 0.029 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07



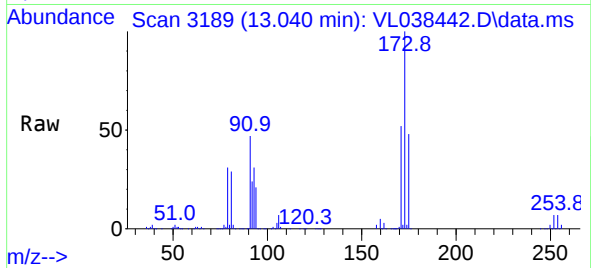
Tgt Ion:129 Resp: 1322362
Ion Ratio Lower Upper
129 100
127 80.5 39.4 118.1





#49
Bromoform
Concen: 11.642 ppbv
RT: 13.040 min Scan# 3180
Delta R.T. 0.029 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

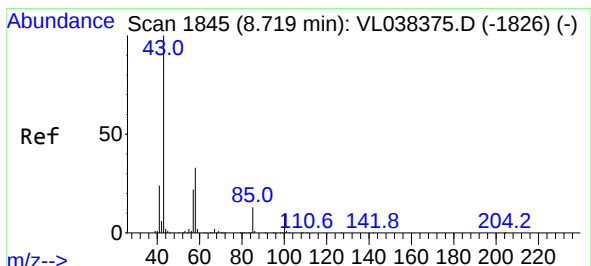
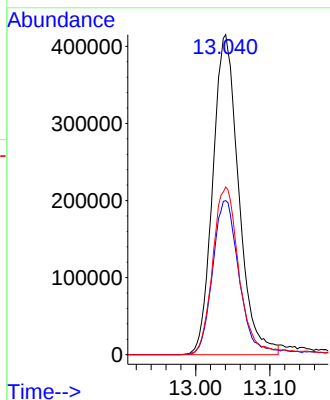
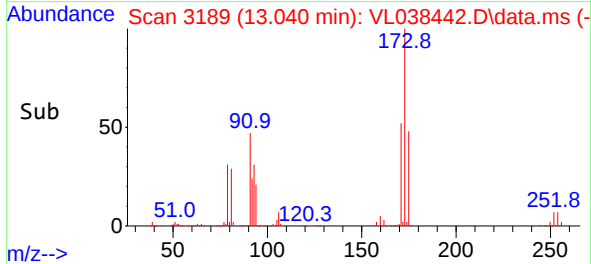
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



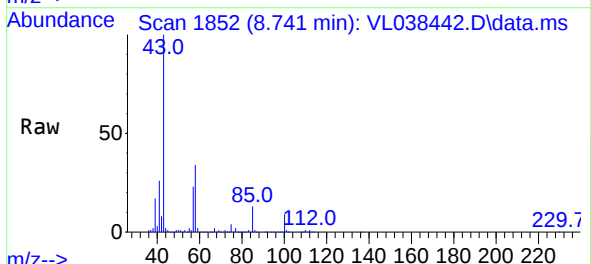
Tgt Ion:173 Resp: 1007180
Ion Ratio Lower Upper
173 100
175 50.8 40.2 60.2
171 55.6 42.7 64.1

Manual Integrations
APPROVED

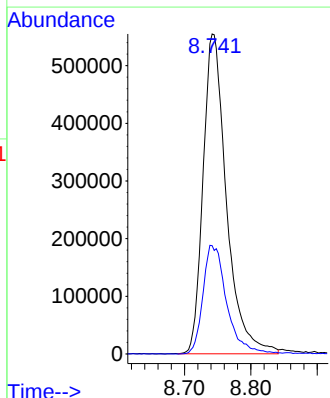
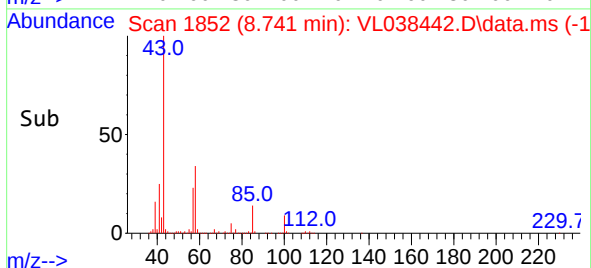
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

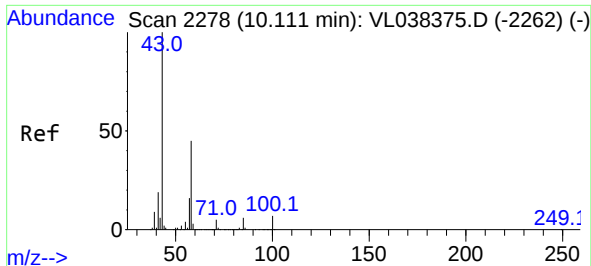


#50
4-Methyl-2-Pentanone
Concen: 11.908 ppbv
RT: 8.741 min Scan# 1852
Delta R.T. 0.023 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07



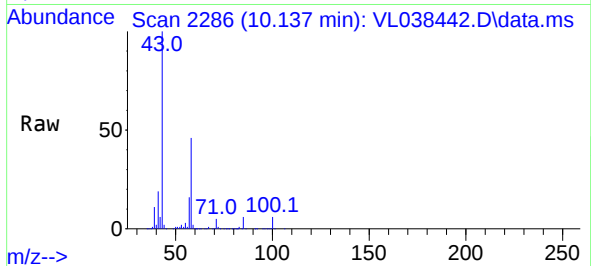
Tgt Ion: 43 Resp: 1360539
Ion Ratio Lower Upper
43 100
58 34.9 27.7 41.5





#51
2-Hexanone
Concen: 11.831 ppbv
RT: 10.137 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

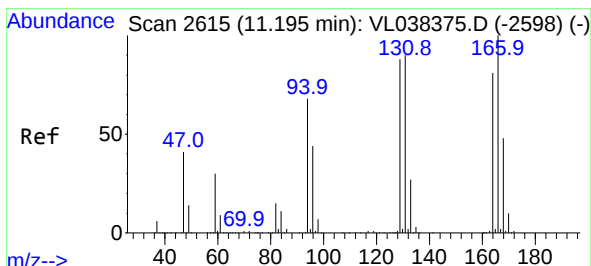
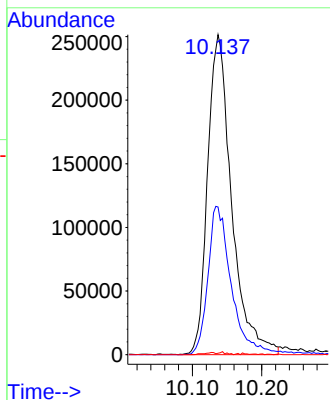
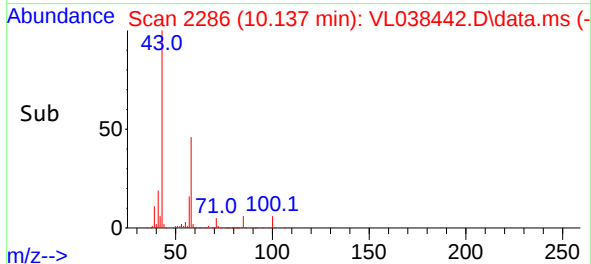
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



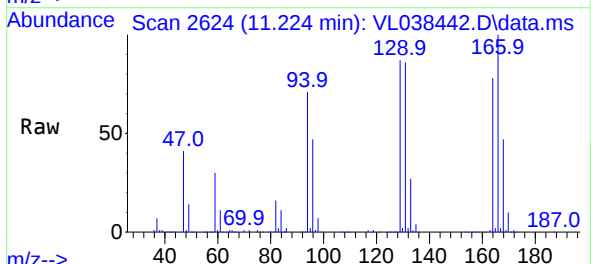
Tgt Ion: 43 Resp: 60517
Ion Ratio Lower Upper
43 100
58 45.8 37.4 56.0
98 0.6 0.1 0.1

Manual Integrations
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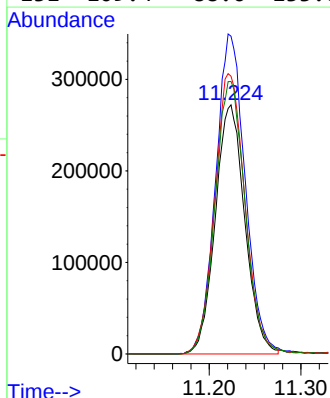
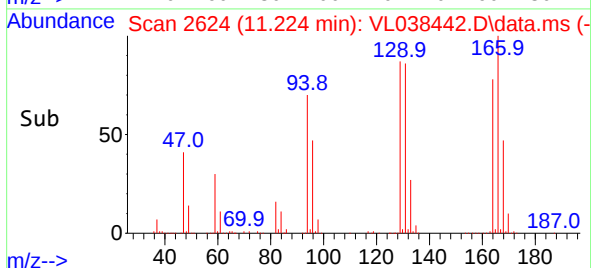
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

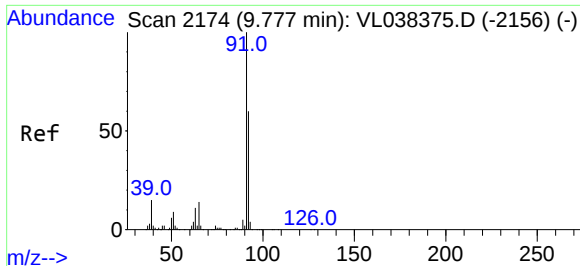


#52
Tetrachloroethene
Concen: 10.133 ppbv
RT: 11.224 min Scan# 2624
Delta R.T. 0.029 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07



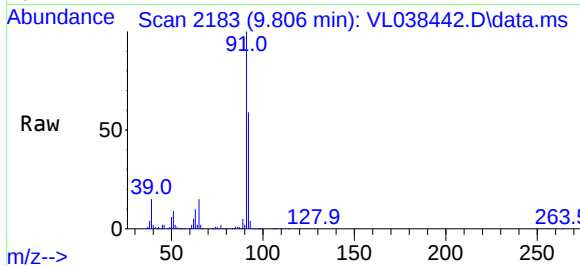
Tgt Ion:164 Resp: 608428
Ion Ratio Lower Upper
164 100
166 127.6 98.6 148.0
129 111.4 86.9 130.3
131 109.4 88.6 133.0





#53
Toluene
Concen: 11.074 ppbv
RT: 9.806 min Scan# 2174
Delta R.T. 0.029 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

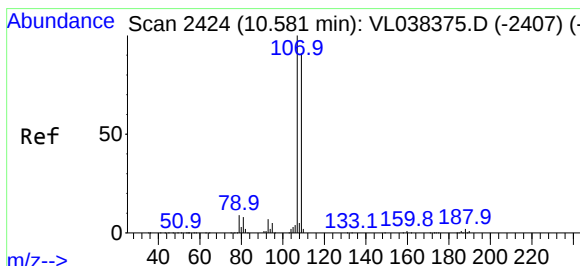
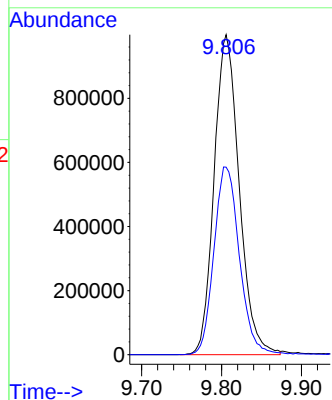
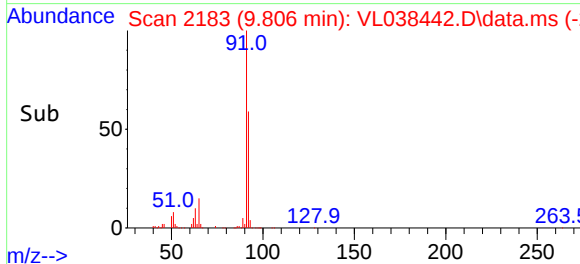
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



Tgt Ion: 91 Resp: 217475
Ion Ratio Lower Upper
91 100
92 60.0 48.2 72.4

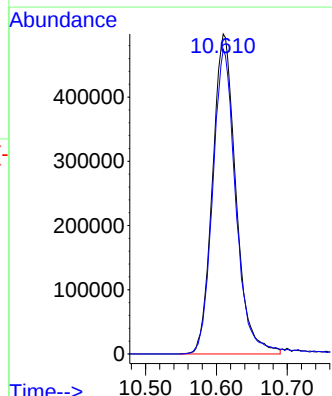
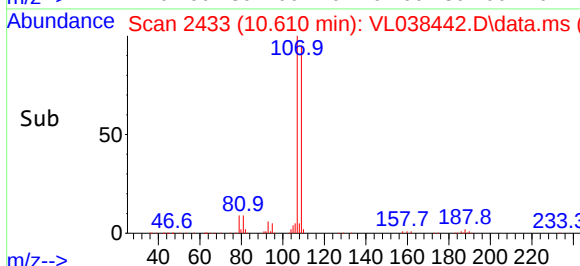
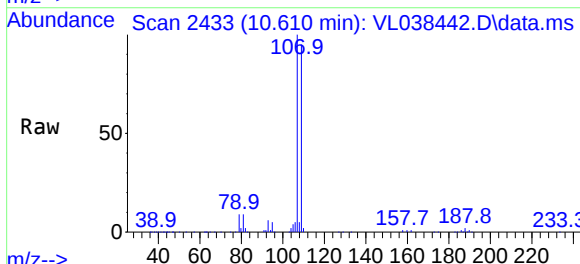
Manual Integrations
APPROVED

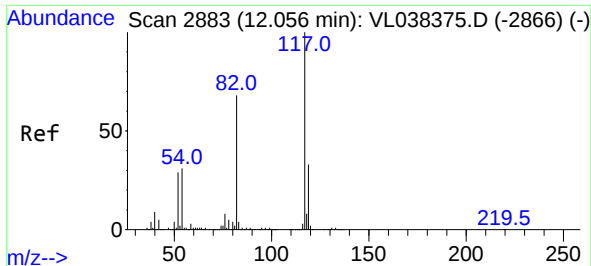
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#54
1,2-Dibromoethane
Concen: 11.305 ppbv
RT: 10.610 min Scan# 2433
Delta R.T. 0.029 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

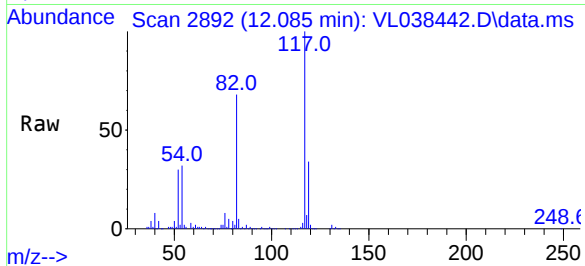
Tgt Ion:107 Resp: 1140708
Ion Ratio Lower Upper
107 100
109 95.1 73.0 109.6





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.085 min Scan# 21
Delta R.T. 0.029 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

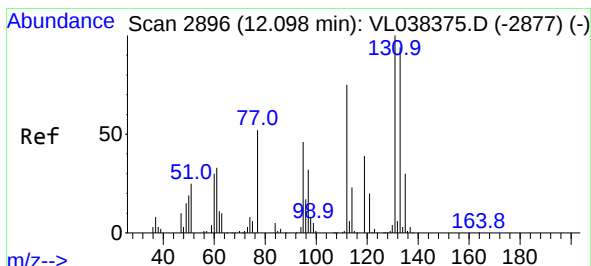
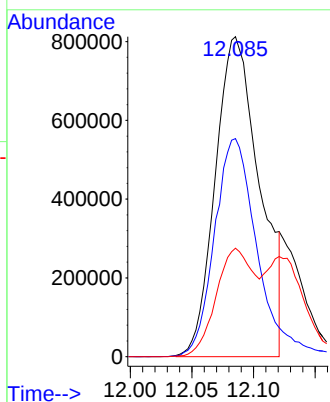
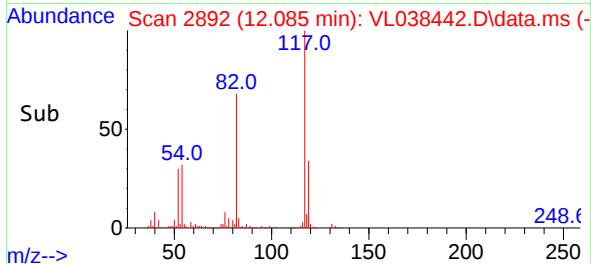
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



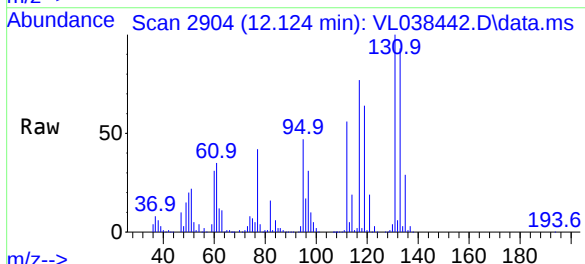
Tgt Ion:117 Resp: 2038539
Ion Ratio Lower Upper
117 100
82 66.3 54.9 82.3
119 29.0 46.1 69.1

Manual Integrations
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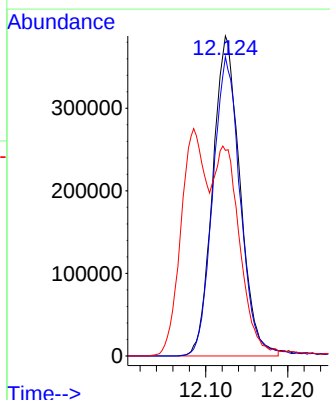
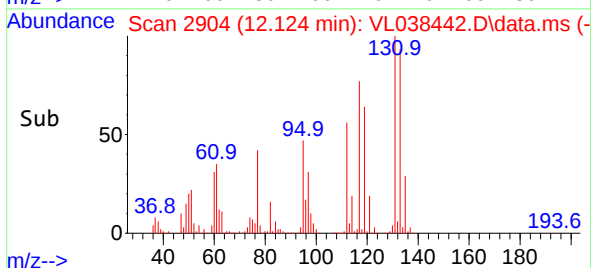
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

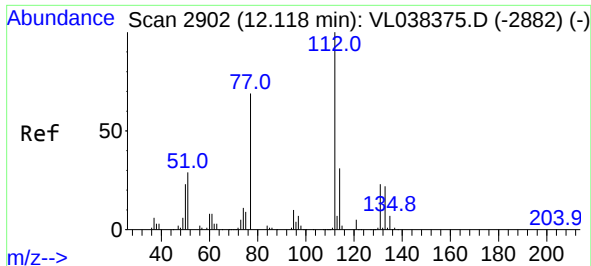


#56
1,1,1,2-Tetrachloroethane
Concen: 10.528 ppbv
RT: 12.124 min Scan# 2904
Delta R.T. 0.026 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07



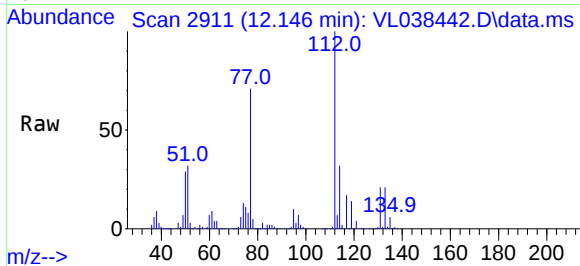
Tgt Ion:131 Resp: 894569
Ion Ratio Lower Upper
131 100
133 95.7 77.3 115.9
119 59.5 48.6 73.0





#57
Chlorobenzene
Concen: 9.876 ppbv
RT: 12.146 min Scan# 2902
Delta R.T. 0.029 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

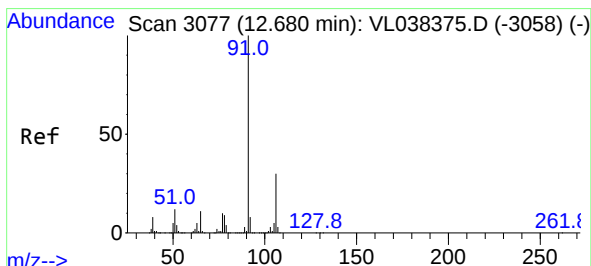
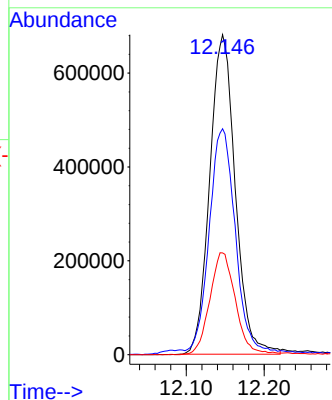
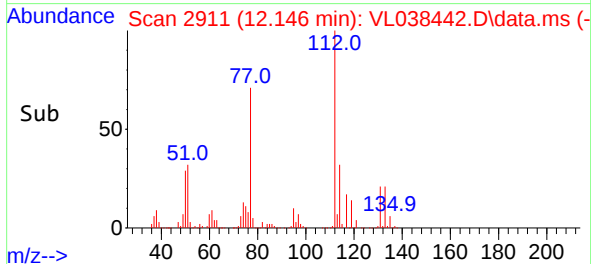
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



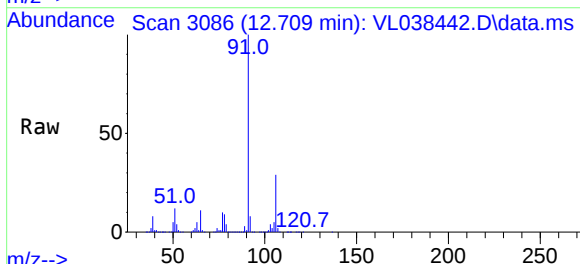
Tgt Ion: 112 Resp: 155331
Ion Ratio Lower Upper
112 100
77 69.4 55.2 82.8
114 31.8 27.9 34.1

Manual Integrations
APPROVED

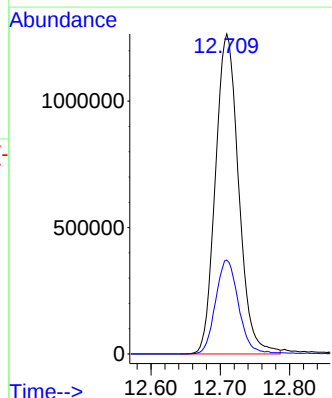
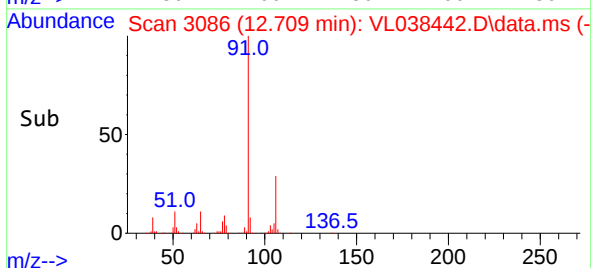
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

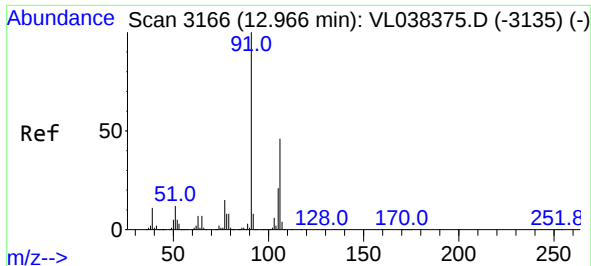


#58
Ethyl Benzene
Concen: 10.566 ppbv
RT: 12.709 min Scan# 3086
Delta R.T. 0.029 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07



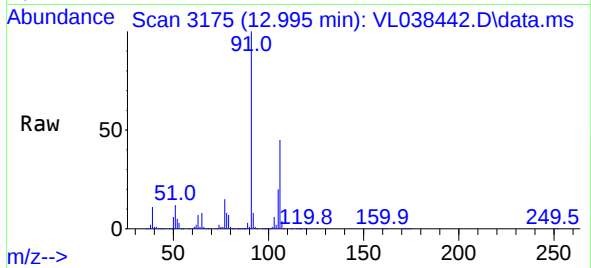
Tgt Ion: 91 Resp: 2945351
Ion Ratio Lower Upper
91 100
106 29.3 24.0 36.0





#59
m/p-Xylene
Concen: 21.414 ppbv m
RT: 12.995 min Scan# 3166
Delta R.T. 0.029 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

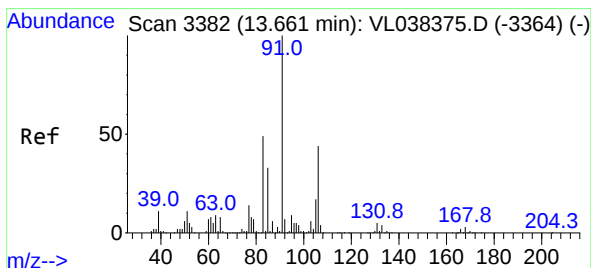
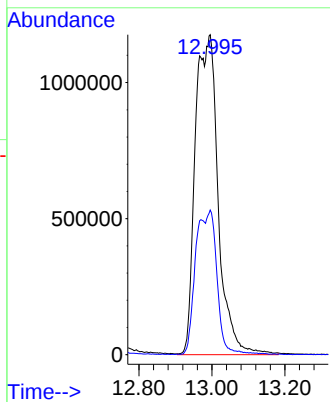
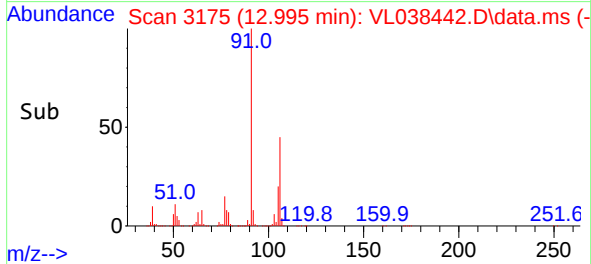
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



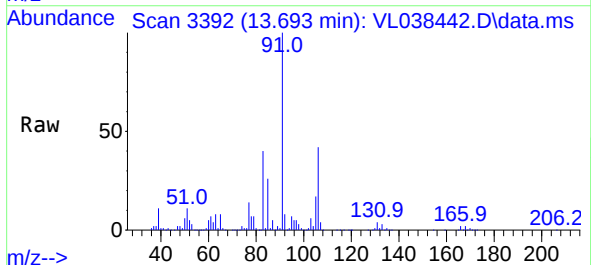
Tgt Ion: 91 Resp: 5126534
Ion Ratio Lower Upper
91 100
106 42.1 34.4 51.6

Manual Integrations
APPROVED

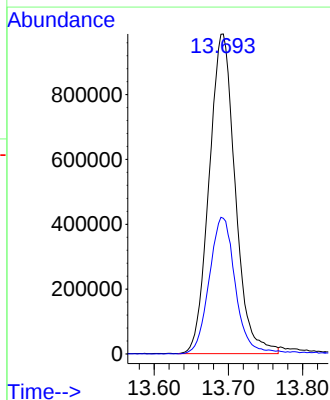
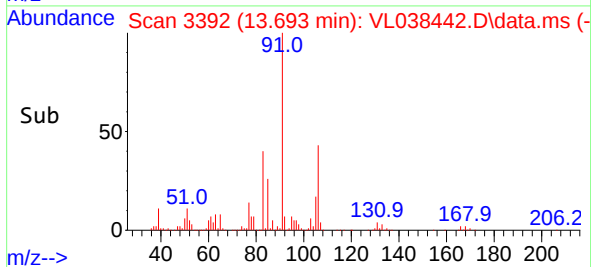
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

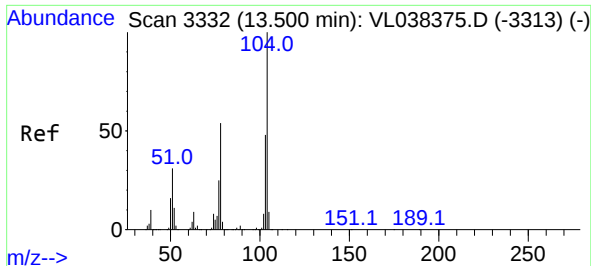


#60
o-Xylene
Concen: 10.642 ppbv
RT: 13.693 min Scan# 3392
Delta R.T. 0.032 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07



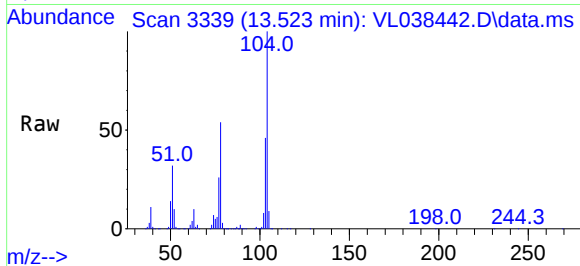
Tgt Ion: 91 Resp: 2408481
Ion Ratio Lower Upper
91 100
106 43.7 21.9 65.5





#61
Styrene
Concen: 11.404 ppbv
RT: 13.523 min Scan# 311
Delta R.T. 0.023 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

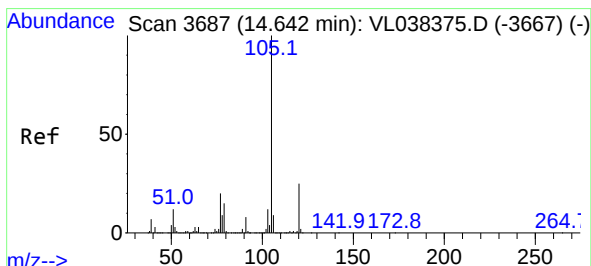
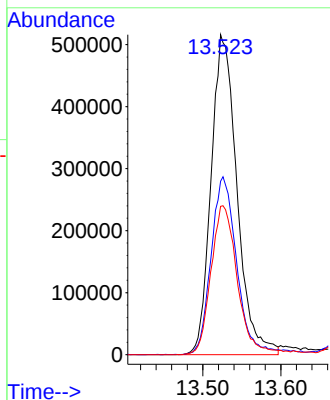
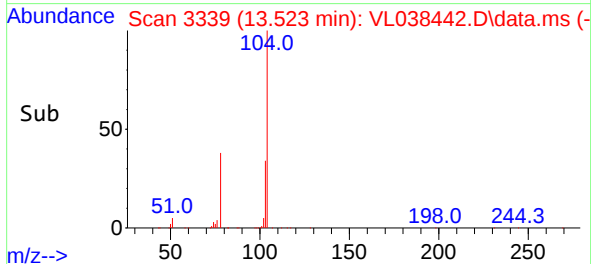
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



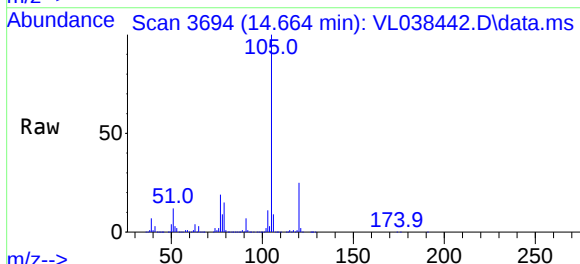
Tgt Ion:104 Resp: 1190384
Ion Ratio Lower Upper
104 100
78 56.0 44.2 66.4
103 48.1 38.4 57.6

Manual Integrations
APPROVED

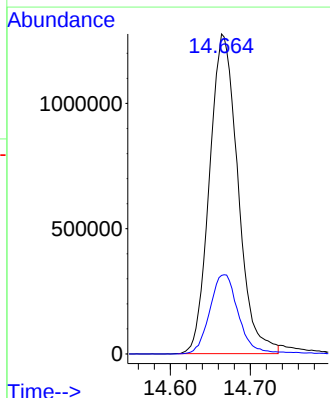
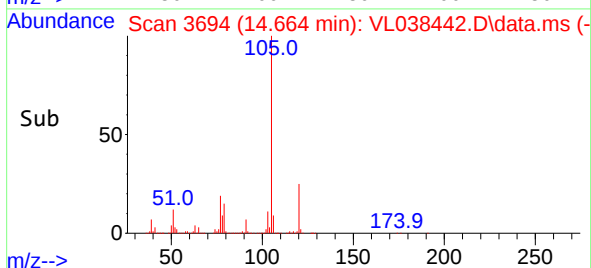
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

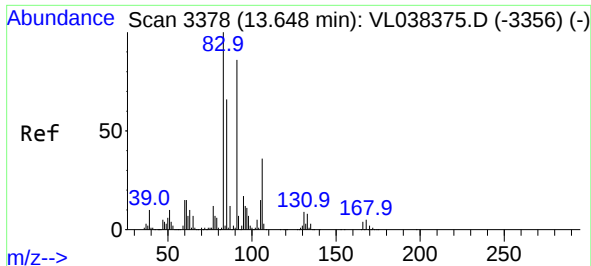


#62
Isopropylbenzene
Concen: 10.370 ppbv
RT: 14.664 min Scan# 3694
Delta R.T. 0.023 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07



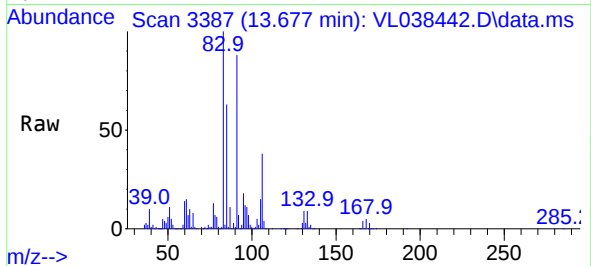
Tgt Ion:105 Resp: 3149959
Ion Ratio Lower Upper
105 100
120 25.5 20.6 30.8





#63
1,1,2,2-Tetrachloroethane
Concen: 9.720 ppbv
RT: 13.677 min Scan# 31
Delta R.T. 0.029 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

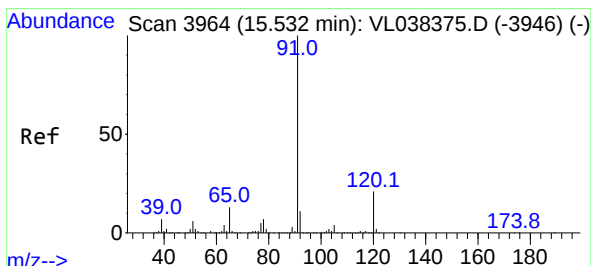
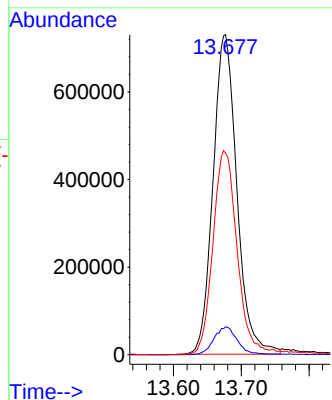
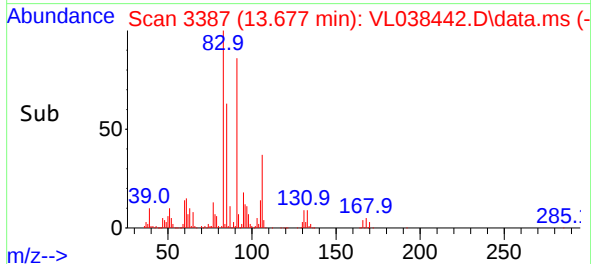
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



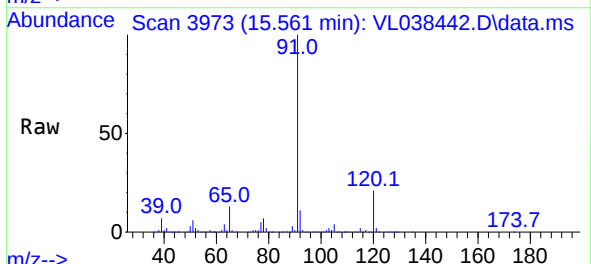
Tgt Ion: 83 Resp: 178731
Ion Ratio Lower Upper
83 100
131 8.8 4.5 13.7
85 66.1 33.0 99.0

Manual Integrations
APPROVED

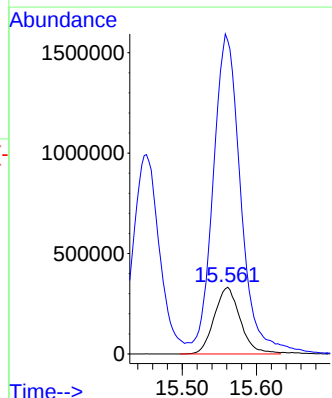
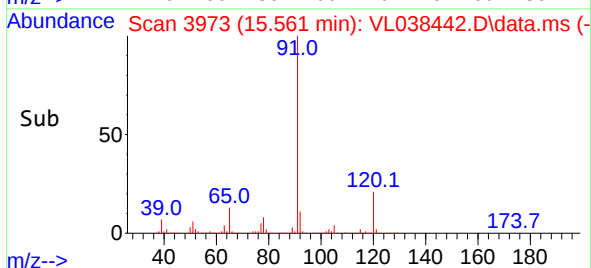
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

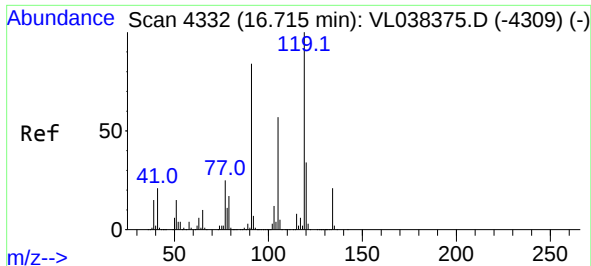


#64
n-propylbenzene
Concen: 10.733 ppbv
RT: 15.561 min Scan# 3973
Delta R.T. 0.029 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07



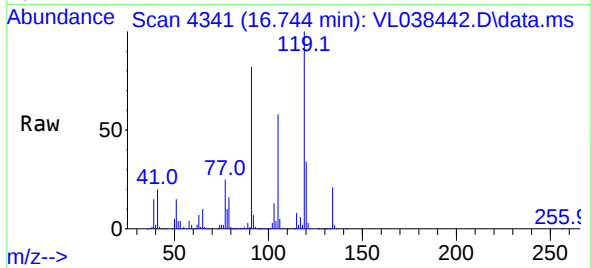
Tgt Ion:120 Resp: 807157
Ion Ratio Lower Upper
120 100
91 513.4 388.1 582.1





#65
tert-Butylbenzene
Concen: 10.656 ppbv
RT: 16.744 min Scan# 4119
Delta R.T. 0.029 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

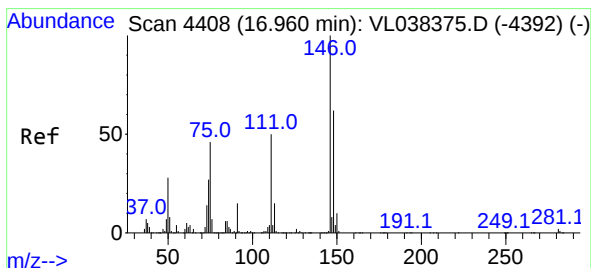
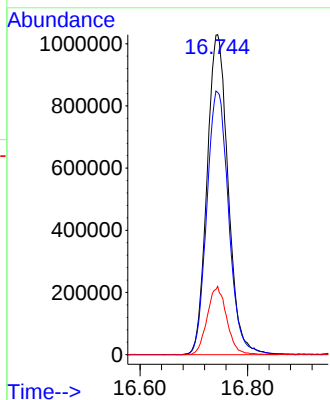
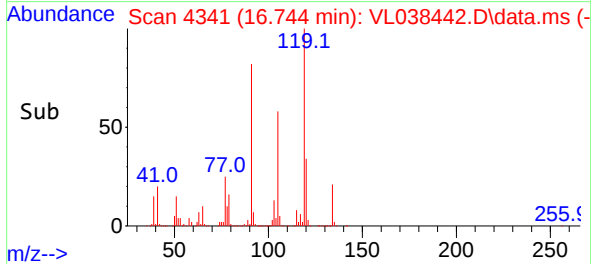
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



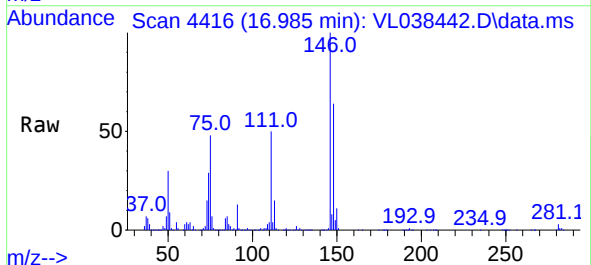
Tgt Ion: 119 Resp: 2803580
Ion Ratio Lower Upper
119 100
91 85.3 68.0 102.0
134 19.7 15.8 23.8

Manual Integrations
APPROVED

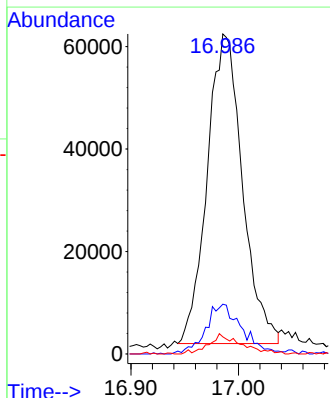
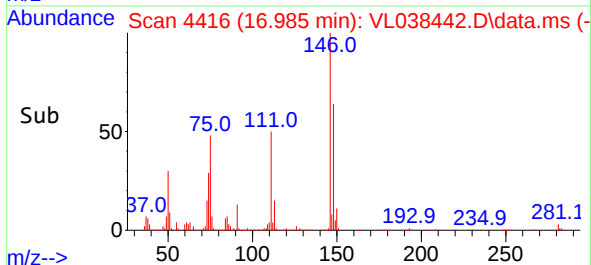
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

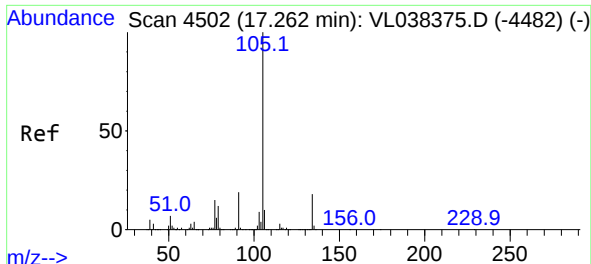


#66
Benzyl Chloride
Concen: 9.675 ppbv
RT: 16.985 min Scan# 4416
Delta R.T. 0.026 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07



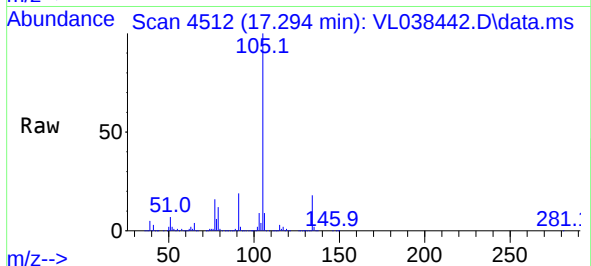
Tgt Ion: 91 Resp: 137542
Ion Ratio Lower Upper
91 100
126 17.1 12.3 18.5
128 6.0 4.2 6.4





#67
 sec-Butylbenzene
 Concen: 10.713 ppbv
 RT: 17.294 min Scan# 41
 Delta R.T. 0.032 min
 Lab File: VL038442.D
 Acq: 25 Feb 2022 10:07

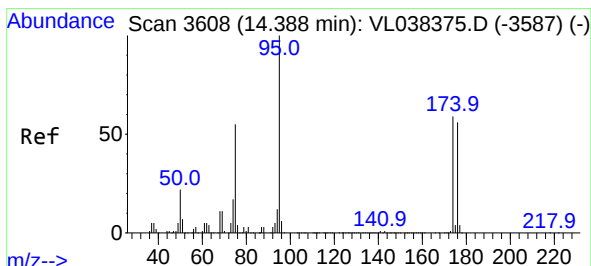
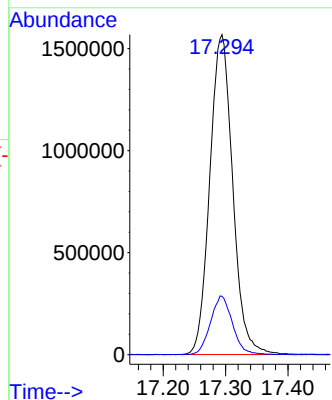
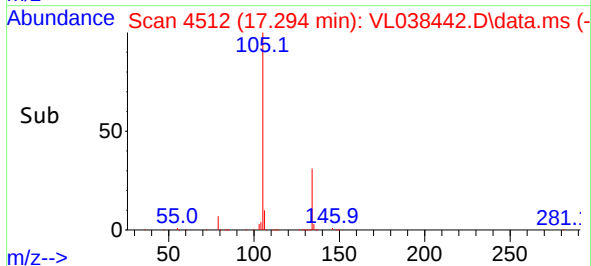
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



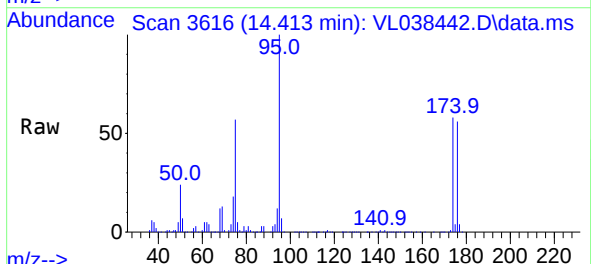
Tgt Ion:105 Resp: 3993380
 Ion Ratio Lower Upper
 105 100
 134 17.6 14.6 21.8

Manual Integrations
 APPROVED

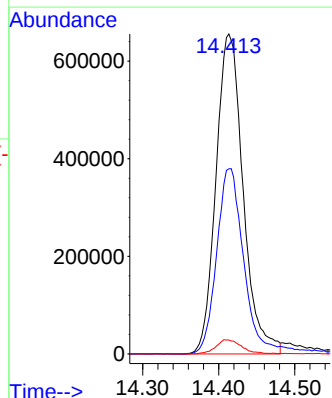
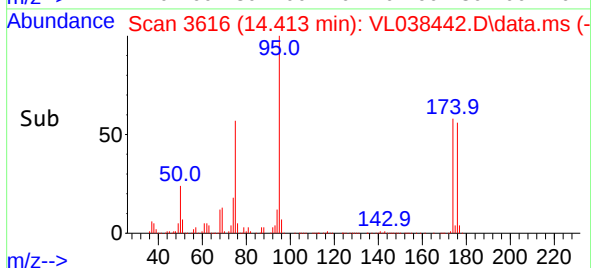
Reviewed By :Semsettin Yesilyurt 02/28/2022
 Supervised By :Mahesh Dadoda 02/28/2022

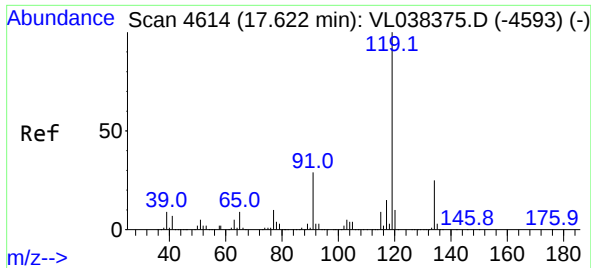


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.645 ppbv
 RT: 14.413 min Scan# 3616
 Delta R.T. 0.026 min
 Lab File: VL038442.D
 Acq: 25 Feb 2022 10:07



Tgt Ion: 95 Resp: 1626884
 Ion Ratio Lower Upper
 95 100
 174 59.8 49.0 73.4
 175 4.3 3.6 5.4





#69
p-Isopropyltoluene
Concen: 11.154 ppbv
RT: 17.651 min Scan# 401
Delta R.T. 0.029 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

Instrument :

MSVOA_L

ClientSampleId :

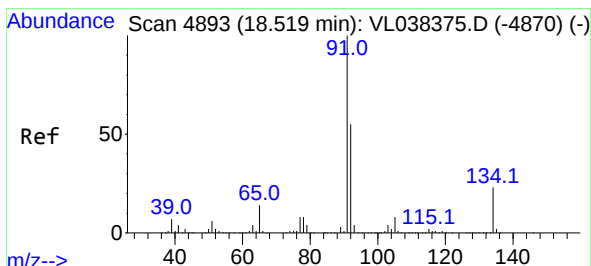
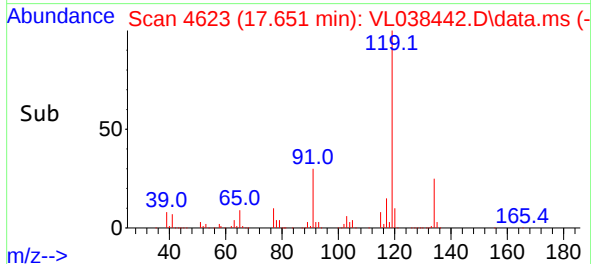
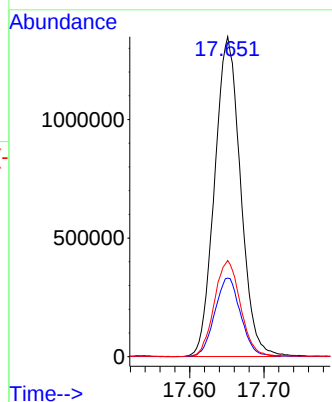
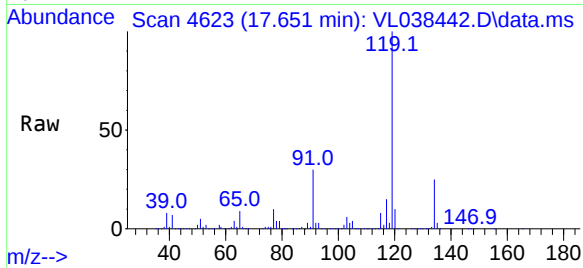
VSTDCCC010EC

Tgt Ion:119 Resp: 326603
Ion Ratio Lower Upper
119 100
134 24.9 20.4 30.6
91 30.5 23.8 35.8

Manual Integrations

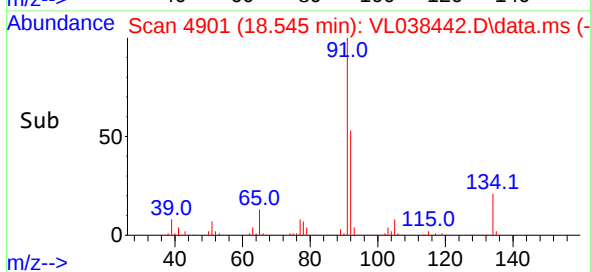
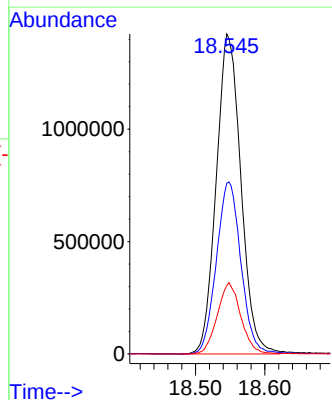
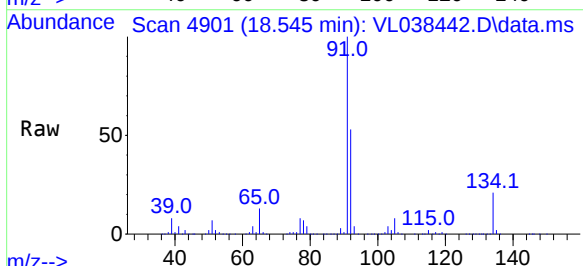
APPROVED

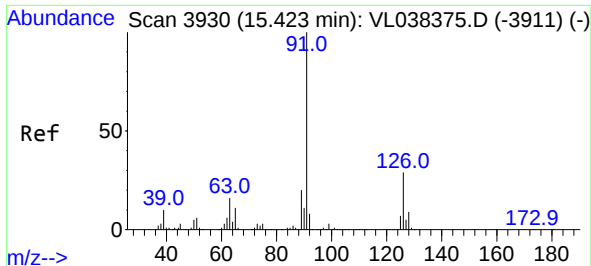
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#70
n-Butylbenzene
Concen: 11.604 ppbv
RT: 18.545 min Scan# 4901
Delta R.T. 0.026 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

Tgt Ion: 91 Resp: 3515922
Ion Ratio Lower Upper
91 100
92 53.7 43.1 64.7
134 21.4 17.4 26.0





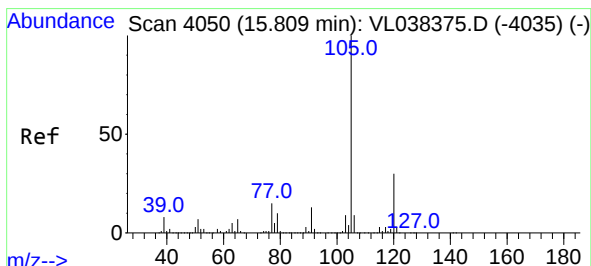
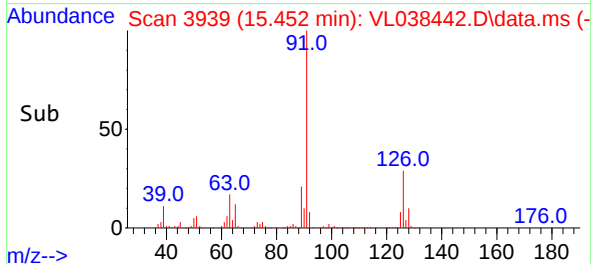
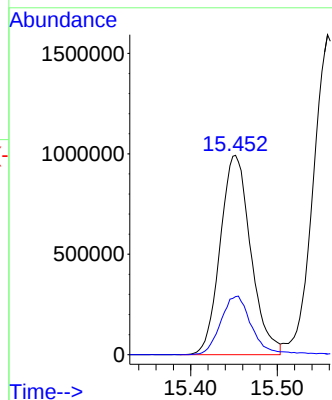
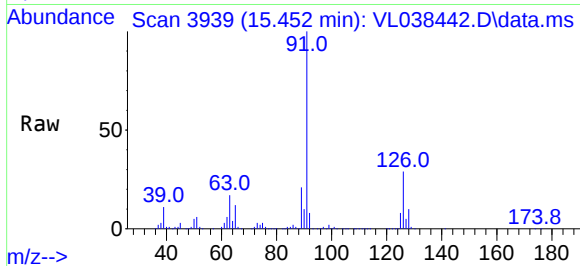
#71
2-Chlorotoluene
Concen: 10.404 ppbv
RT: 15.452 min Scan# 3939
Delta R.T. 0.029 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC

Tgt Ion: 91 Resp: 243008
Ion Ratio Lower Upper
91 100
126 30.4 11.9 47.7

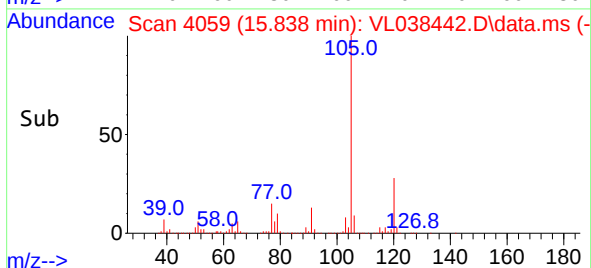
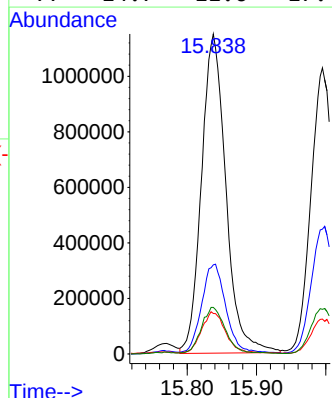
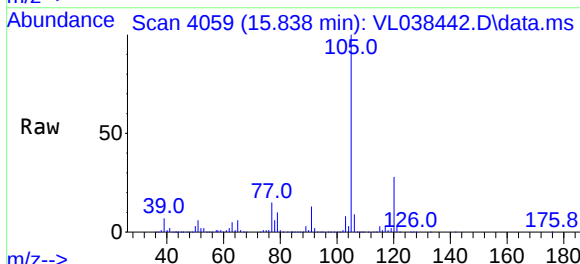
Manual Integrations
APPROVED

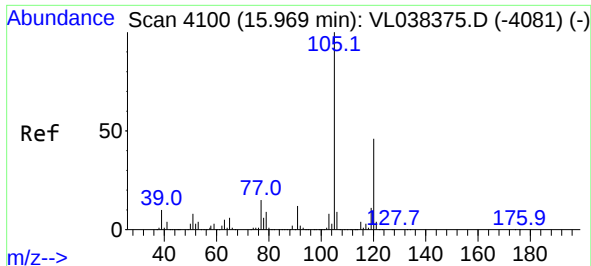
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#72
4-Ethyltoluene
Concen: 11.282 ppbv
RT: 15.838 min Scan# 4059
Delta R.T. 0.029 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

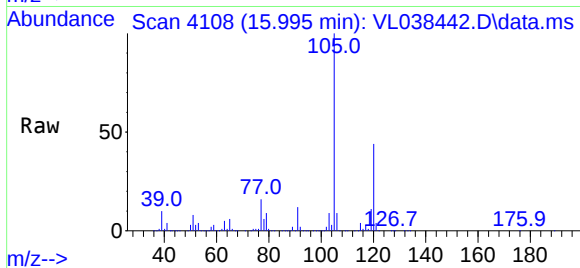
Tgt Ion:105 Resp: 2813195
Ion Ratio Lower Upper
105 100
120 28.5 23.4 35.2
91 12.8 10.4 15.6
77 14.7 11.6 17.4





#73
1,3,5-Trimethylbenzene
Concen: 11.010 ppbv
RT: 15.995 min Scan# 4100
Delta R.T. 0.026 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

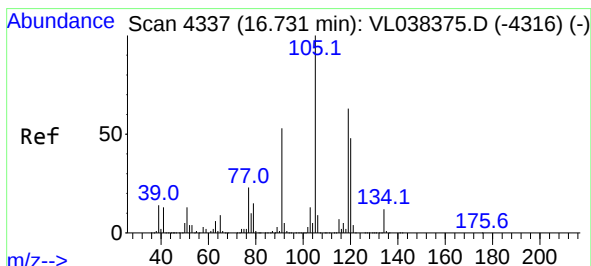
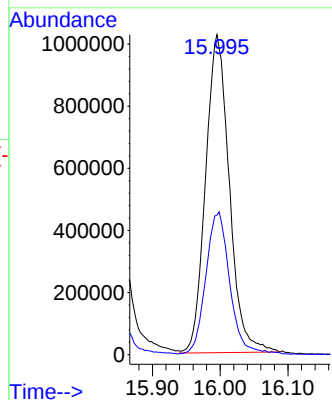
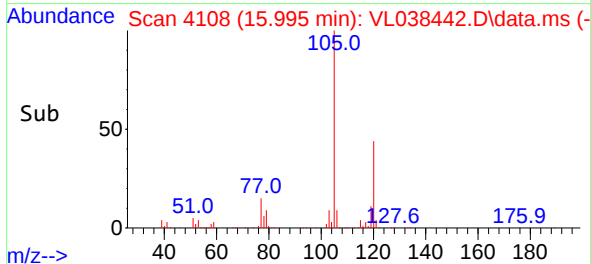
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



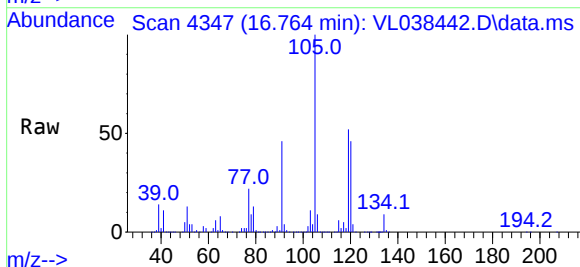
Tgt Ion:105 Resp: 2493094
Ion Ratio Lower Upper
105 100
120 43.6 36.6 55.0

Manual Integrations
APPROVED

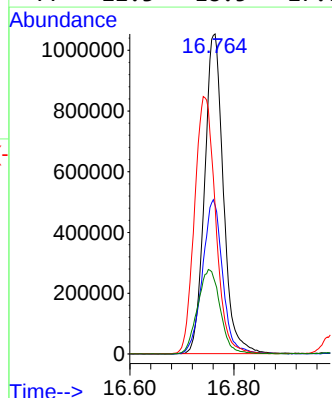
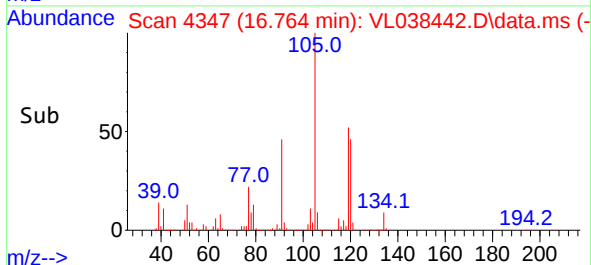
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

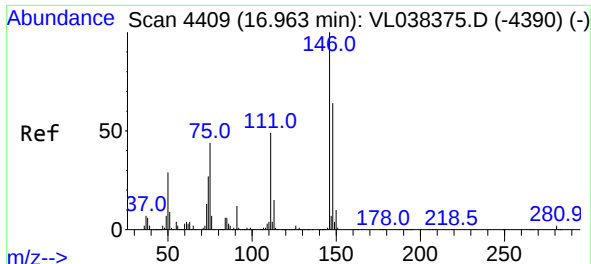


#74
1,2,4-Trimethylbenzene
Concen: 11.050 ppbv
RT: 16.764 min Scan# 4347
Delta R.T. 0.032 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07



Tgt Ion:105 Resp: 2641858
Ion Ratio Lower Upper
105 100
120 46.4 38.2 57.4
91 46.2 42.7 64.1
77 22.3 18.5 27.7





#75

1,3-Dichlorobenzene

Concen: 10.825 ppbv

RT: 16.995 min Scan# 4419

Delta R.T. 0.032 min

Lab File: VL038442.D

Acq: 25 Feb 2022 10:07

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010EC

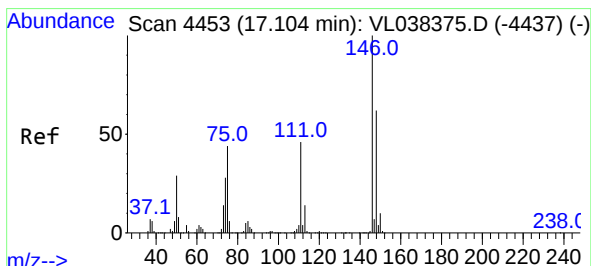
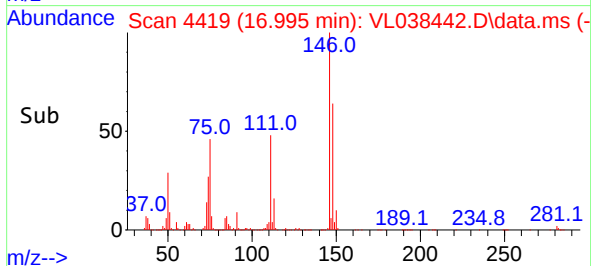
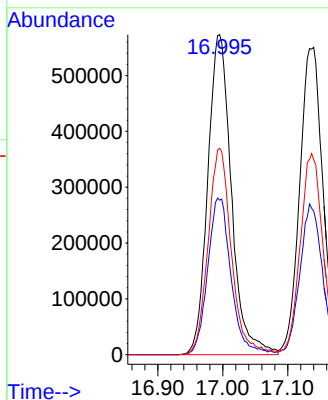
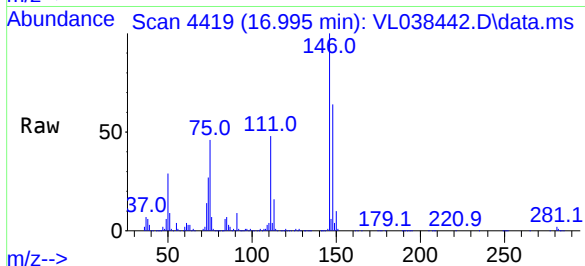
Tgt Ion:146 Resp: 144948

Ion	Ratio	Lower	Upper
146	100		
111	48.6	24.3	72.9
148	63.5	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022



#76

1,4-Dichlorobenzene

Concen: 10.440 ppbv

RT: 17.140 min Scan# 4464

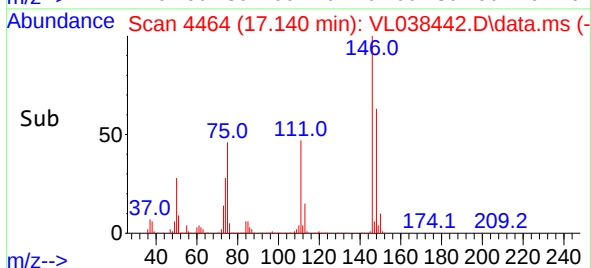
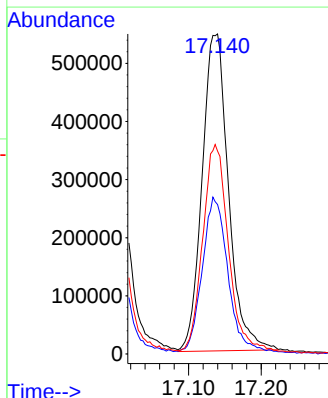
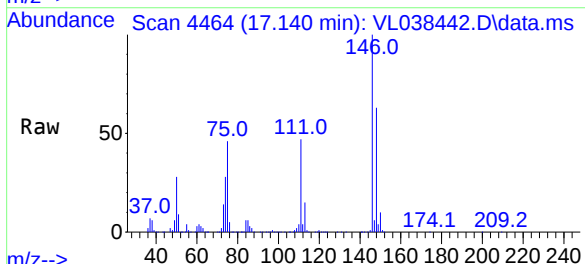
Delta R.T. 0.035 min

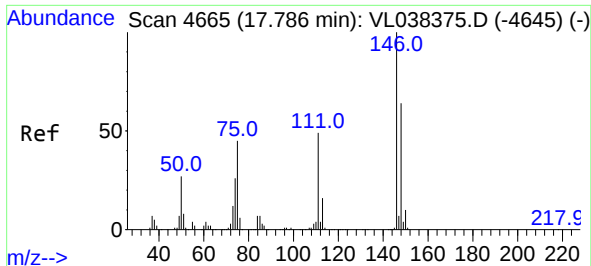
Lab File: VL038442.D

Acq: 25 Feb 2022 10:07

Tgt Ion:146 Resp: 1378590

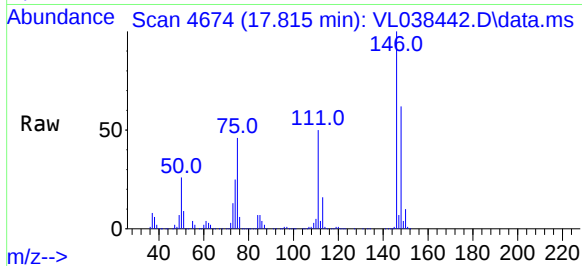
Ion	Ratio	Lower	Upper
146	100		
111	49.0	24.1	72.2
148	65.6	32.8	98.4





#77
1,2-Dichlorobenzene
Concen: 10.621 ppbv
RT: 17.815 min Scan# 4000
Delta R.T. 0.029 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

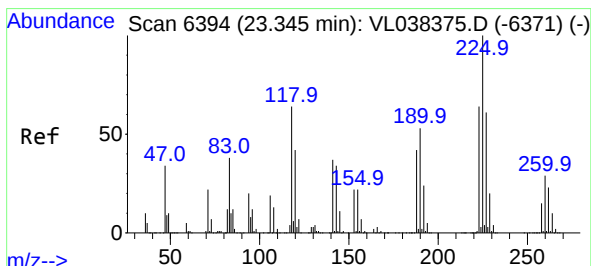
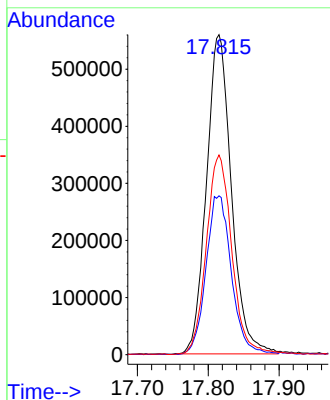
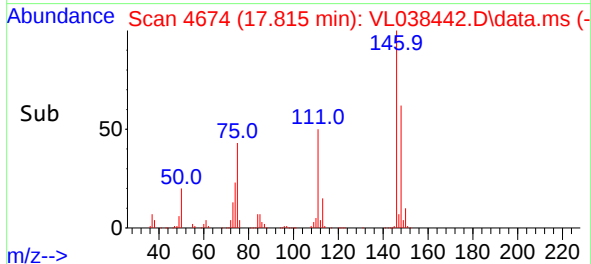
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



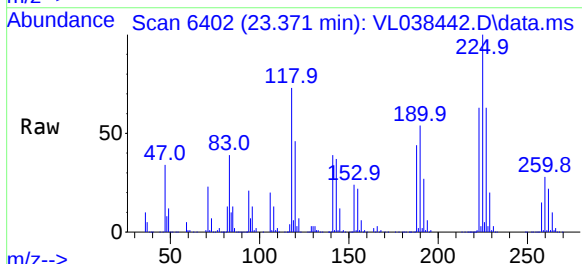
Tgt Ion:146 Resp: 136898
Ion Ratio Lower Upper
146 100
111 51.0 25.6 76.6
148 64.0 32.4 97.2

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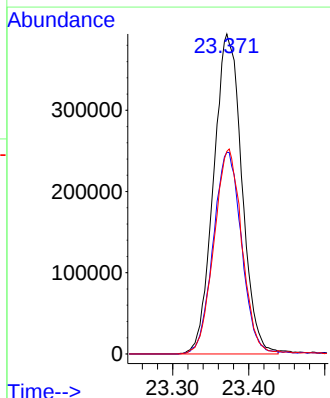
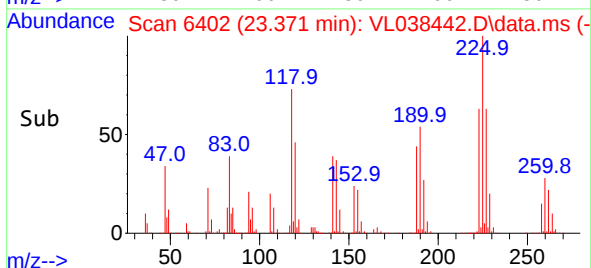
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

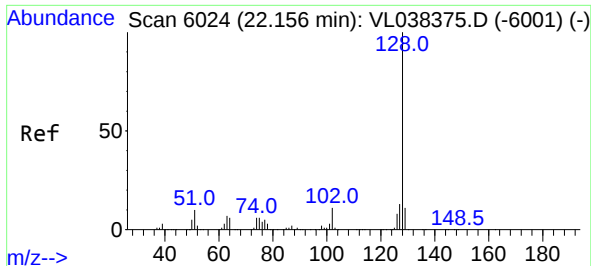


#78
Hexachloro-1,3-Butadiene
Concen: 10.330 ppbv
RT: 23.371 min Scan# 6402
Delta R.T. 0.026 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07



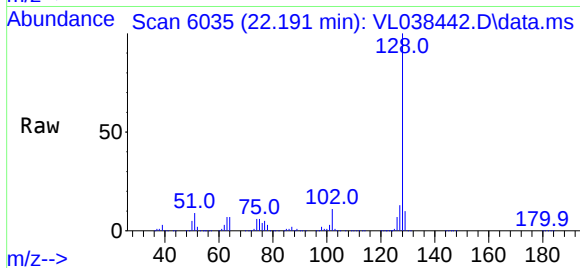
Tgt Ion:225 Resp: 1015420
Ion Ratio Lower Upper
225 100
223 63.8 52.0 78.0
227 63.9 51.6 77.4





#79
Naphthalene
Concen: 14.481 ppbv
RT: 22.191 min Scan# 6024
Delta R.T. 0.035 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07

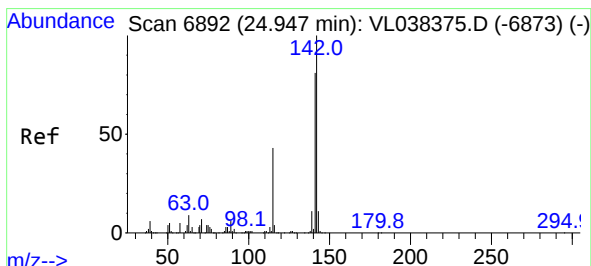
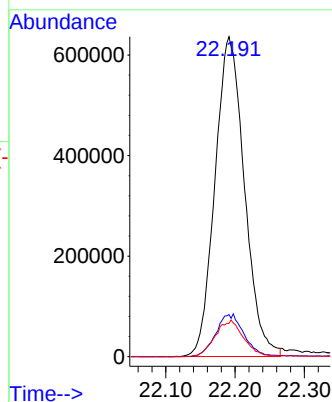
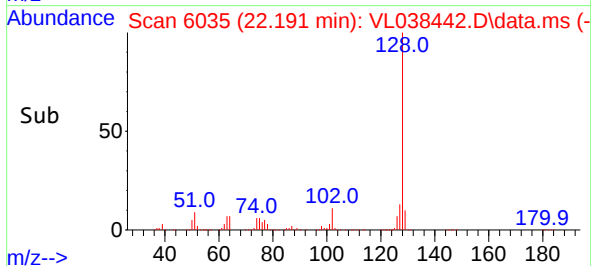
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010EC



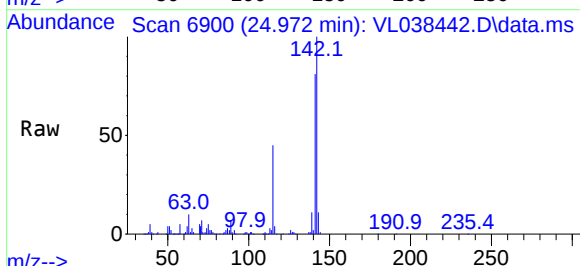
Tgt Ion:128 Resp: 187586
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.4 8.8 13.2

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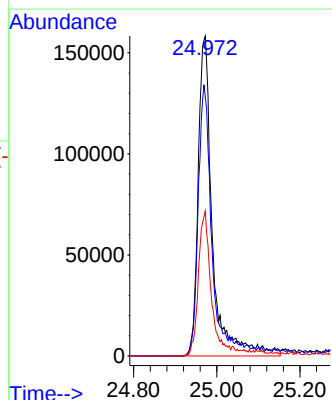
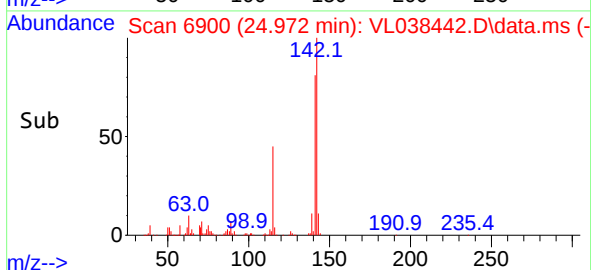
Reviewed By :Semsettin Yesilyurt 02/28/2022
Supervised By :Mahesh Dadoda 02/28/2022

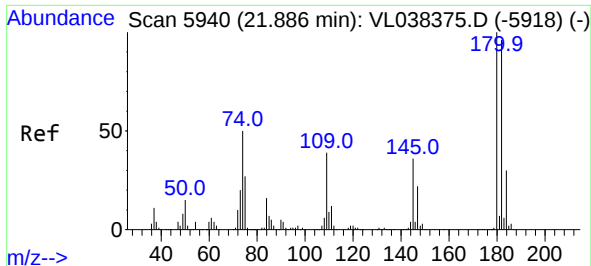


#80
Naphthalene,2-methyl-
Concen: 15.018 ppbv
RT: 24.972 min Scan# 6900
Delta R.T. 0.026 min
Lab File: VL038442.D
Acq: 25 Feb 2022 10:07



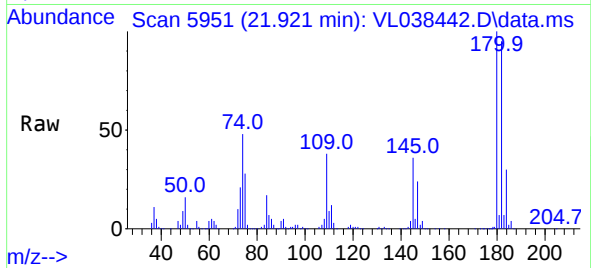
Tgt Ion:142 Resp: 380175
Ion Ratio Lower Upper
142 100
141 82.5 69.8 104.6
115 42.1 33.0 49.6





#81
 1,2,4-Trichlorobenzene
 Concen: 13.213 ppbv
 RT: 21.921 min Scan# 5951
 Delta R.T. 0.035 min
 Lab File: VL038442.D
 Acq: 25 Feb 2022 10:07

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010EC



Tgt Ion:180 Resp: 103483
 Ion Ratio Lower Upper
 180 100
 182 97.8 77.4 116.2
 184 30.6 24.9 37.3

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 02/28/2022
 Supervised By :Mahesh Dadoda 02/28/2022

