

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032122\
 Data File : VL038655.D
 Acq On : 21 Mar 2022 17:27
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL032122

Quant Time: Mar 22 03:49:31 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 22 03:49:31 2022
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 03/22/2022
 Supervised By : Mahesh Dadoda 03/24/2022

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

Internal Standards						
1) Bromochloromethane	5.665	49	981804	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.173	114	2645824	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.082	117	2485112m	10.000	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.410	95	1871907	9.825	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.200%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.054	85	1083992	8.213	ppbv	100
3) Chlorodifluoromethane	2.993	51	1004569	9.688	ppbv	99
4) Chloromethane	3.144	50	550094	9.662	ppbv	96
5) Vinyl Chloride	3.263	62	543765	9.400	ppbv	96
6) Bromomethane	3.478	94	291445	9.451	ppbv	98
7) Chloroethane	3.562	64	184934	9.657	ppbv	98
8) Dichlorotetrafluoroethane	3.192	85	1232933	9.356	ppbv	97
9) Propene	3.015	41	509486	10.177	ppbv	99
10) Heptane	8.118	43	1230626	10.284	ppbv	100
11) Trichlorofluoromethane	3.954	101	1083612	9.302	ppbv	99
12) 1,1,2-Trichlorotrifluoro...	4.488	101	801516	8.938	ppbv	96
13) Ethanol	3.610	45	39727	7.194	ppbv	92
14) Bromoethene	3.742	108	399523	10.025	ppbv	97
15) Acetone	3.848	43	766310	9.046	ppbv	100
16) 1,3-Butadiene	3.330	39	472488	9.828	ppbv	99
17) tert-Butyl alcohol	4.285	59	748806	10.121	ppbv	100
18) 1,1-Dichloroethene	4.292	96	368938	9.158	ppbv	99
19) Isopropyl Alcohol	3.964	45	453962	9.665	ppbv #	97
20) Methylene Chloride	4.346	84	304783	8.541	ppbv	95
21) Allyl Chloride	4.414	41	574670	9.425	ppbv	100
22) trans-1,2-Dichloroethene	4.886	96	400930	9.595	ppbv	97
23) Vinyl Acetate	5.073	43	831986	10.142	ppbv	99
24) 1,1-Dichloroethane	5.012	63	721365	8.929	ppbv	99
25) Ethyl Acetate	5.674	43	2129785	9.987	ppbv	100
26) Hexane	5.687	57	948078	9.930	ppbv	98
27) Carbon Disulfide	4.552	76	929343	9.922	ppbv	100
28) Methyl tert-Butyl Ether	5.034	73	669808	9.418	ppbv	100
29) Chloroform	5.751	83	1463400	9.573	ppbv	100
30) Cyclohexane	7.128	84	819821	9.875	ppbv	99
31) cis-1,2-Dichloroethene	5.549	61	915033	10.192	ppbv	100
32) 1,1,1-Trichloroethane	6.510	97	1414177	9.586	ppbv	100
34) 2-Butanone	5.240	43	1268928	12.117	ppbv	98
35) Carbon Tetrachloride	7.015	117	1471162	9.583	ppbv	99
36) Benzene	6.890	78	2014440	9.865	ppbv	99
37) 1,2-Dichloroethane	6.304	62	999572	9.623	ppbv	99
38) Trichloroethene	7.832	130	855048	9.996	ppbv	99
39) 1,2-Dichloropropane	7.610	63	775044	9.709	ppbv	98
40) 1,4-Dioxane	7.825	88	272476	9.829	ppbv	96
41) Tetrahydrofuran	6.047	42	809000	10.380	ppbv	99
42) Bromodichloromethane	7.790	83	1537263	9.871	ppbv	98
43) Methyl Methacrylate	8.009	69	804648	10.614	ppbv	100
44) 2,2,4-Trimethylpentane	7.864	57	3265907	9.526	ppbv	100
45) t-1,3-Dichloropropene	9.272	75	902564	11.709	ppbv	100

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 Misc : 400mL/MSVOA_L
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Instrument :
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Manual Integrations
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Quant Time: Mar 22 03:49:31 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M

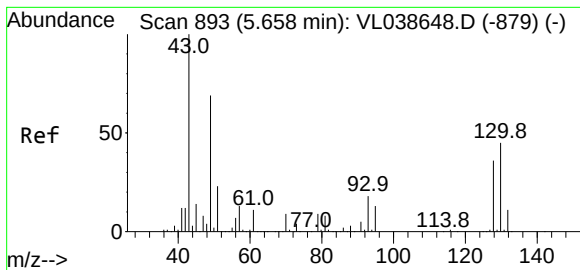
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 22 03:49:31 2022

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

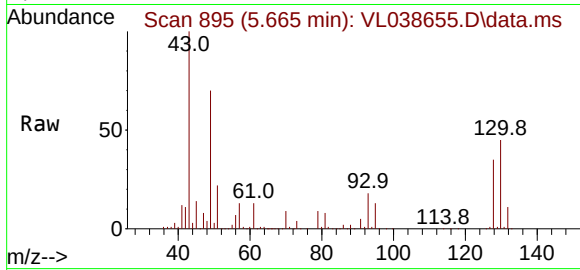
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.700	75	1140931	10.946	ppbv	99
47) 1,1,2-Trichloroethane	9.472	97	805000	9.445	ppbv	99
48) Dibromochloromethane	10.298	129	1354622	10.147	ppbv	100
49) Bromoform	13.037	173	1091997	10.036	ppbv	99
50) 4-Methyl-2-Pentanone	8.735	43	1977524	10.157	ppbv	100
51) 2-Hexanone	10.127	43	1500042	10.727	ppbv	98
52) Tetrachloroethene	11.217	164	716392	9.587	ppbv	99
53) Toluene	9.799	91	2252997	10.268	ppbv	100
54) 1,2-Dibromoethane	10.607	107	1163270	9.996	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.121	131	928228	9.009	ppbv #	56
57) Chlorobenzene	12.143	112	1613066	9.000	ppbv	100
58) Ethyl Benzene	12.706	91	2857429	9.835	ppbv	100
59) m/p-Xylene	12.989	91	4698497m	18.488	ppbv	
60) o-Xylene	13.687	91	2220807	9.204	ppbv	99
61) Styrene	13.523	104	1380327	10.549	ppbv	100
62) Isopropylbenzene	14.664	105	3234068	8.915	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.671	83	1451687	7.767	ppbv	99
64) n-propylbenzene	15.558	120	873061	9.172	ppbv	97
65) tert-Butylbenzene	16.741	119	2869112	8.802	ppbv	100
66) Benzyl Chloride	16.979	91	673196	10.907	ppbv	99
67) sec-Butylbenzene	17.288	105	4110977	8.819	ppbv	100
69) p-Isopropyltoluene	17.648	119	3423811	8.999	ppbv	100
70) n-Butylbenzene	18.545	91	3588302	9.144	ppbv	100
71) 2-Chlorotoluene	15.446	91	2414583	8.968	ppbv	99
72) 4-Ethyltoluene	15.831	105	2637984	9.261	ppbv	100
73) 1,3,5-Trimethylbenzene	15.989	105	2329579	8.975	ppbv	99
74) 1,2,4-Trimethylbenzene	16.757	105	2510715	8.881	ppbv	99
75) 1,3-Dichlorobenzene	16.989	146	1563579	8.683	ppbv	99
76) 1,4-Dichlorobenzene	17.130	146	1515396	8.462	ppbv	97
77) 1,2-Dichlorobenzene	17.809	146	1541059	8.639	ppbv	99
78) Hexachloro-1,3-Butadiene	23.368	225	1353375	8.208	ppbv	99
79) Naphthalene	22.188	128	2557070	11.838	ppbv	99
80) Naphthalene,2-methyl-	24.963	142	623393	10.763	ppbv	99
81) 1,2,4-Trichlorobenzene	21.915	180	1457522	9.857	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.665 min Scan# 89
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

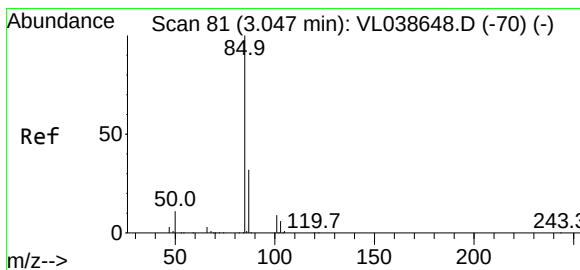
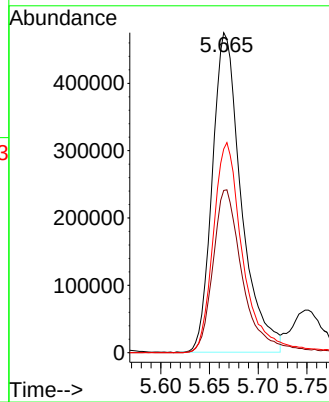
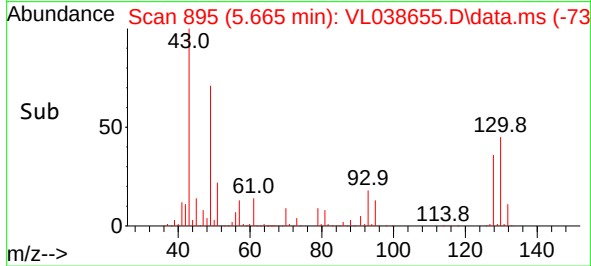
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122



Tgt Ion: 49 Resp: 981804
Ion Ratio Lower Upper
49 100
128 53.1 26.2 78.6
130 68.0 33.7 101.1

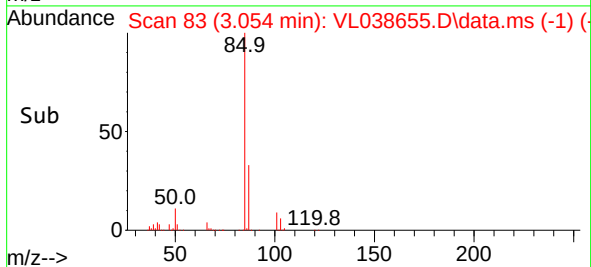
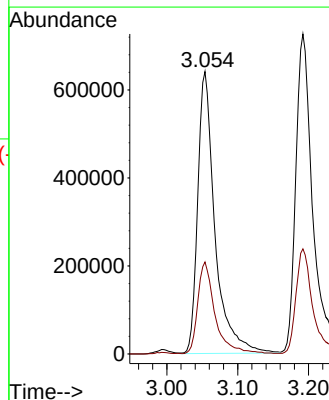
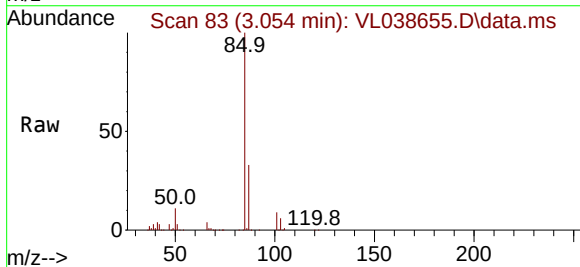
Manual Integrations
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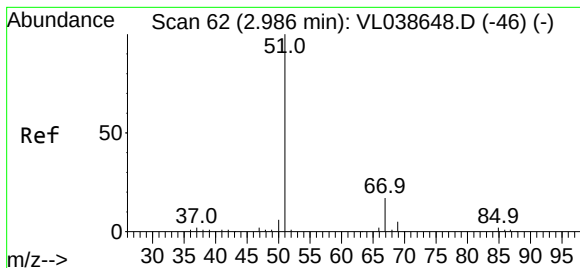
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#2
Dichlorodifluoromethane
Concen: 8.213 ppbv
RT: 3.054 min Scan# 83
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

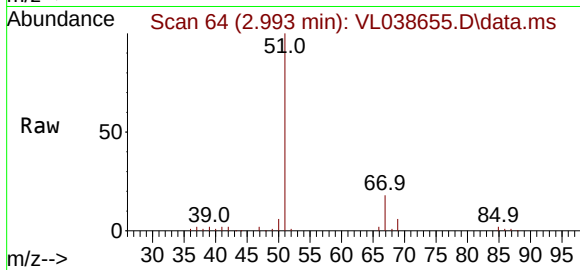
Tgt Ion: 85 Resp: 1083992
Ion Ratio Lower Upper
85 100
87 32.5 26.0 39.0





#3
Chlorodifluoromethane
Concen: 9.688 ppbv
RT: 2.993 min Scan# 64
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

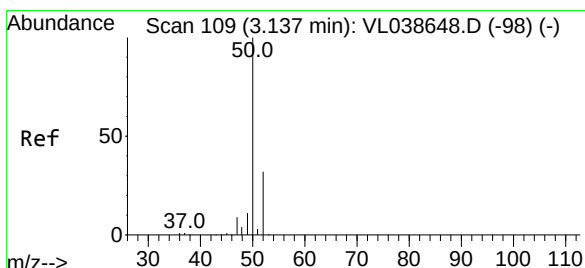
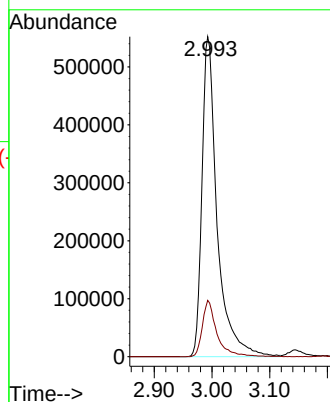
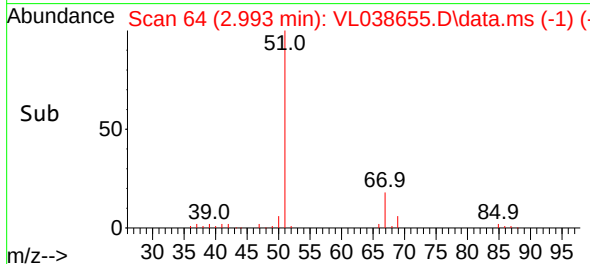
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122



Tgt Ion: 51 Resp: 100456
Ion Ratio Lower Upper
51 100
67 17.0 14.1 21.1

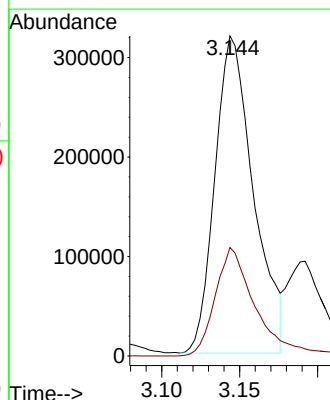
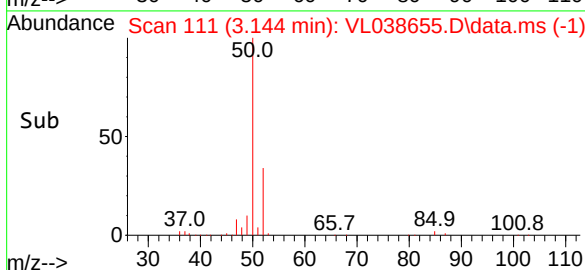
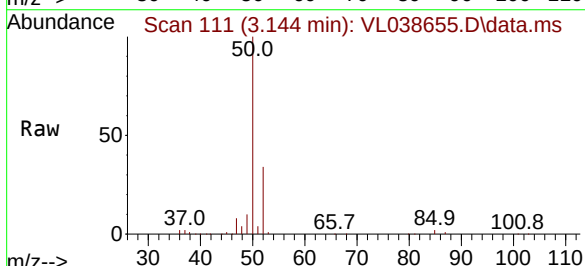
Manual Integrations
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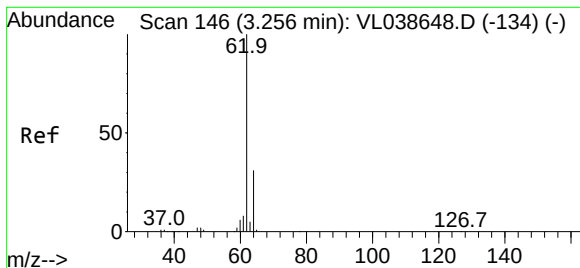
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#4
Chloromethane
Concen: 9.662 ppbv
RT: 3.144 min Scan# 111
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

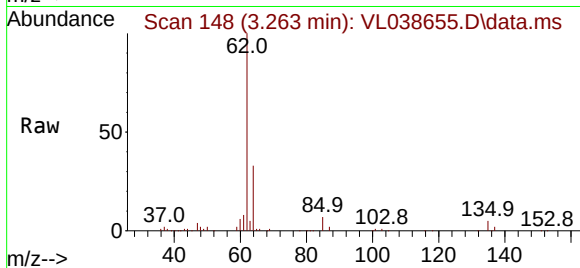
Tgt Ion: 50 Resp: 550094
Ion Ratio Lower Upper
50 100
52 34.2 25.5 38.3





#5
 Vinyl Chloride
 Concen: 9.400 ppbv
 RT: 3.263 min Scan# 146
 Delta R.T. 0.006 min
 Lab File: VL038655.D
 Acq: 21 Mar 2022 17:27

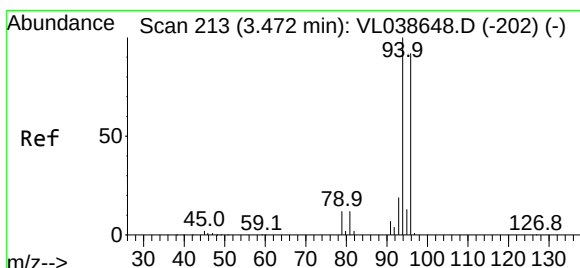
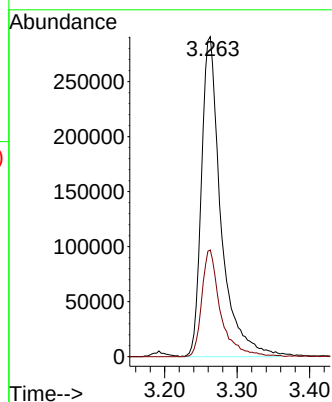
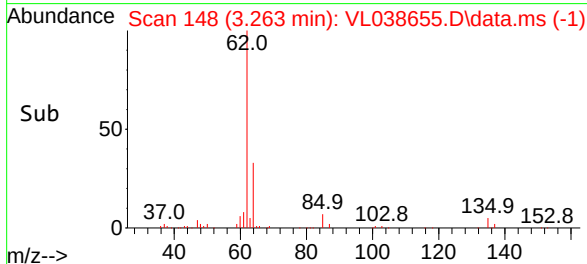
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL032122



Tgt Ion: 62 Resp: 54376
 Ion Ratio Lower Upper
 62 100
 64 33.3 25.0 37.4

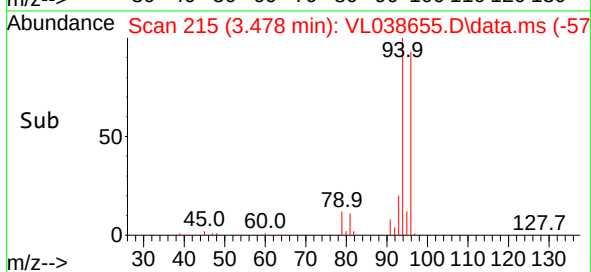
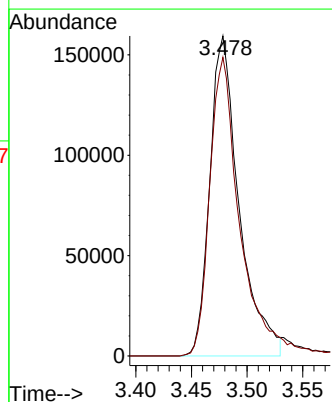
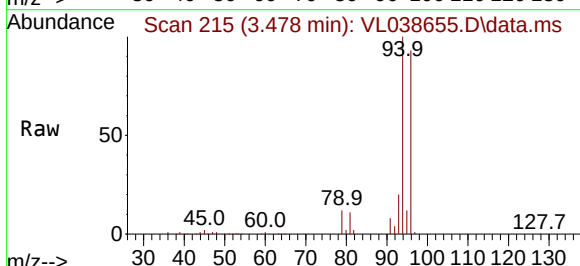
Manual Integrations
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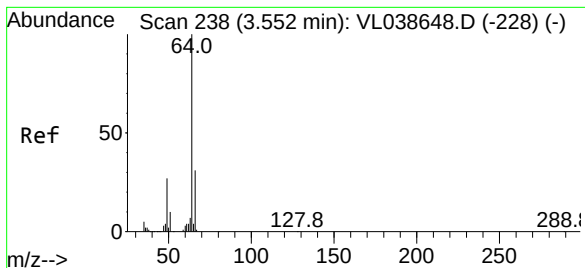
Reviewed By :Semsettin Yesilyurt 03/22/2022
 Supervised By :Mahesh Dadoda 03/24/2022



#6
 Bromomethane
 Concen: 9.451 ppbv
 RT: 3.478 min Scan# 215
 Delta R.T. 0.006 min
 Lab File: VL038655.D
 Acq: 21 Mar 2022 17:27

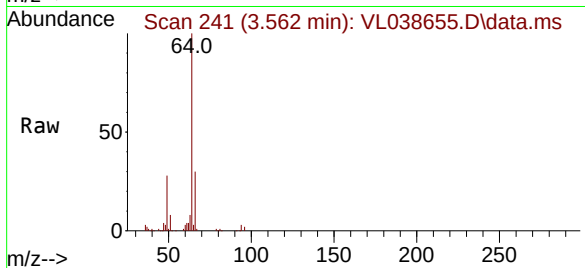
Tgt Ion: 94 Resp: 291445
 Ion Ratio Lower Upper
 94 100
 96 93.3 73.3 109.9





#7
Chloroethane
Concen: 9.657 ppbv
RT: 3.562 min Scan# 241
Delta R.T. 0.010 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

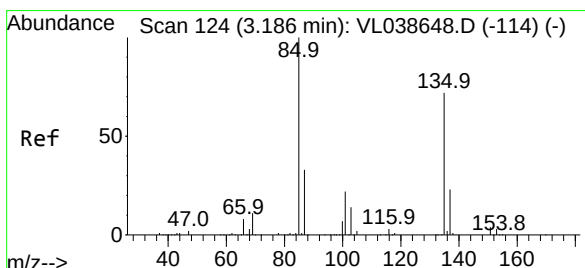
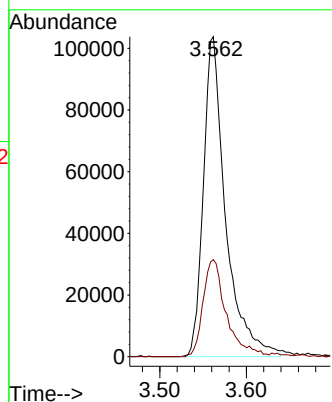
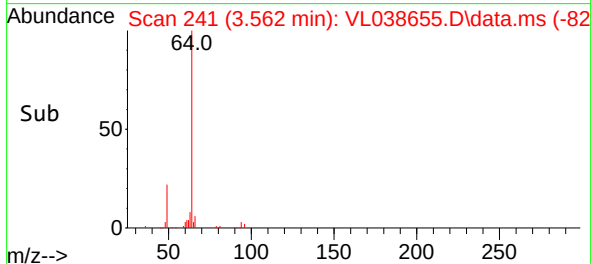
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122



Tgt Ion: 64 Resp: 184934
Ion Ratio Lower Upper
64 100
66 30.3 25.0 37.6

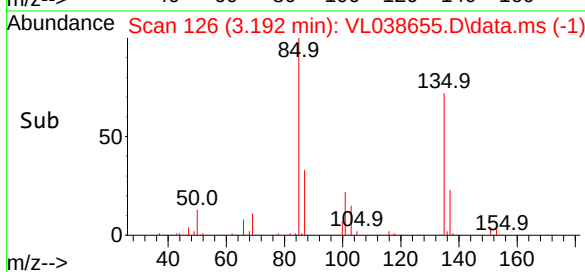
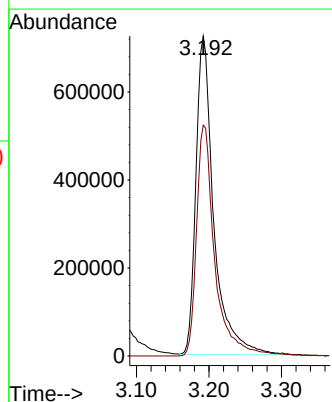
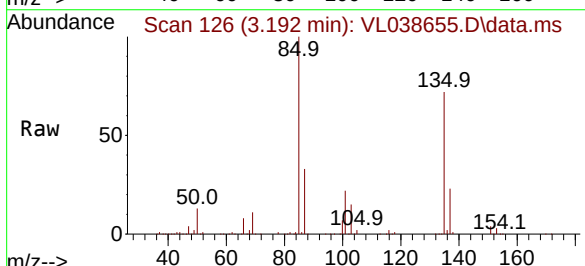
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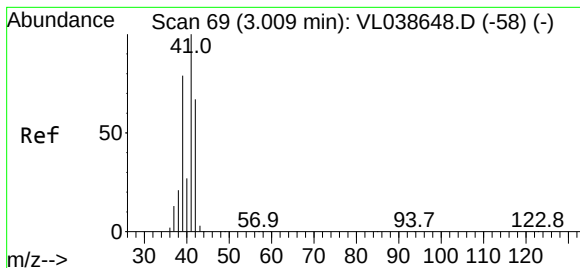
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#8
Dichlorotetrafluoroethane
Concen: 9.356 ppbv
RT: 3.192 min Scan# 126
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 85 Resp: 1232933
Ion Ratio Lower Upper
85 100
135 74.6 57.8 86.6





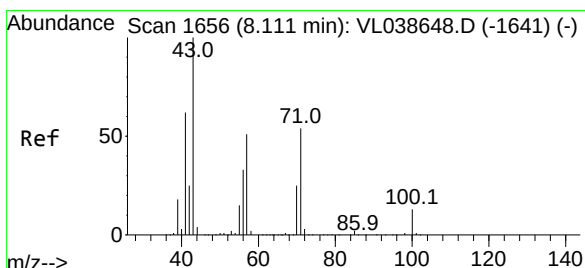
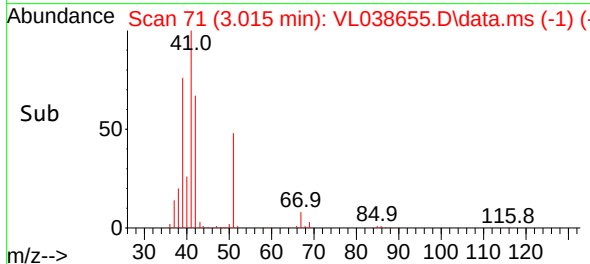
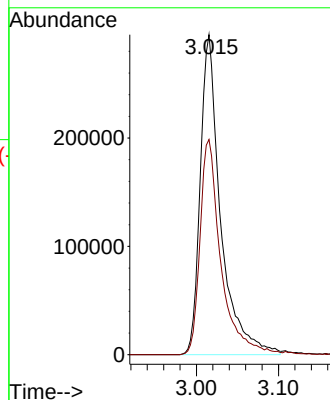
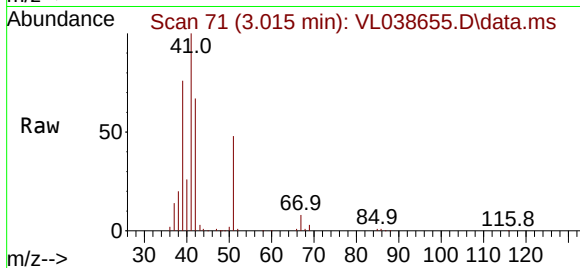
#9
Propene
Concen: 10.177 ppbv
RT: 3.015 min Scan# 71
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion: 41 Resp: 509486
Ion Ratio Lower Upper
41 100
42 69.5 56.2 84.4

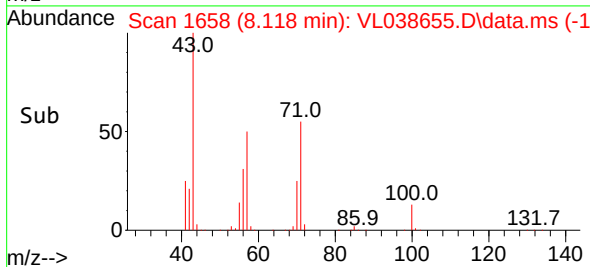
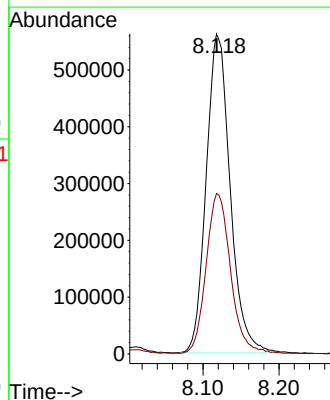
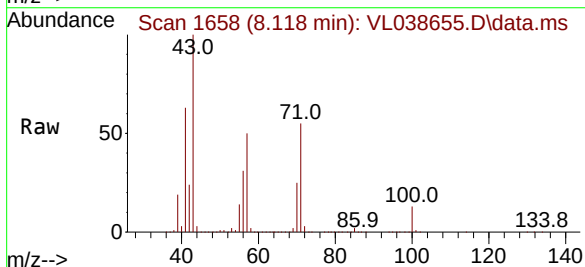
Manual Integrations
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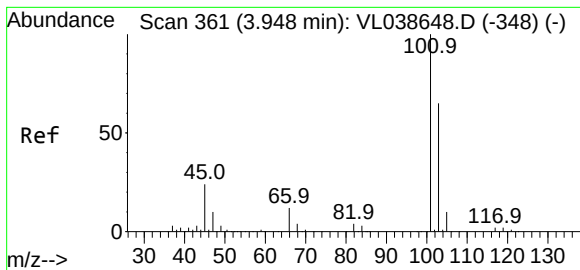
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#10
Heptane
Concen: 10.284 ppbv
RT: 8.118 min Scan# 1658
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 43 Resp: 1230626
Ion Ratio Lower Upper
43 100
57 51.9 41.4 62.2





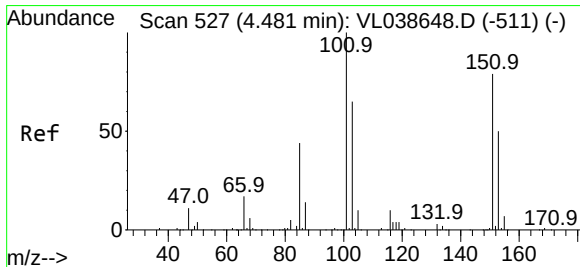
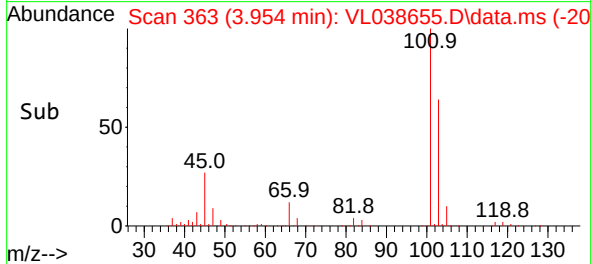
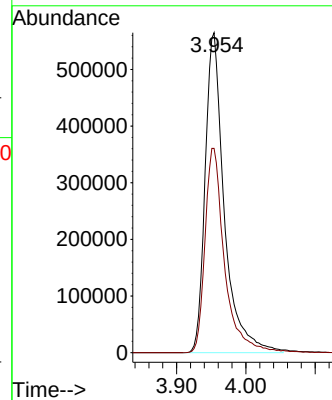
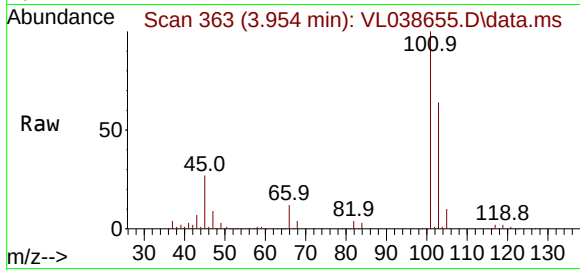
#11
Trichlorofluoromethane
Concen: 9.302 ppbv
RT: 3.954 min Scan# 30
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion:101 Resp: 108361
Ion Ratio Lower Upper
101 100
103 63.9 51.9 77.9

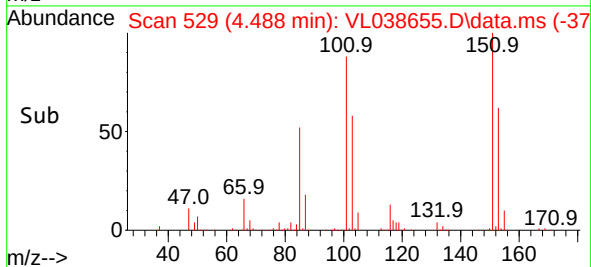
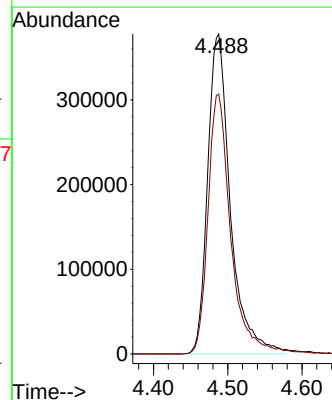
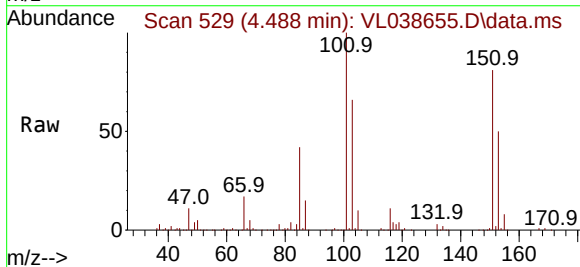
Manual Integrations
APPROVED

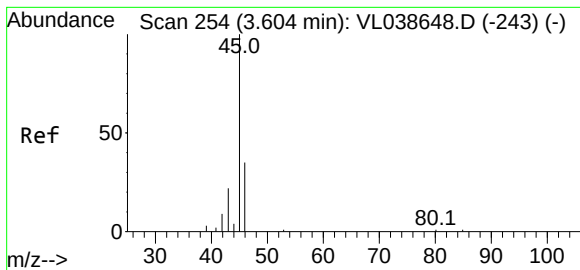
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.938 ppbv
RT: 4.488 min Scan# 529
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

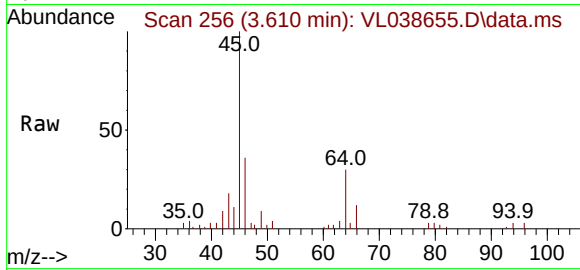
Tgt Ion:101 Resp: 801516
Ion Ratio Lower Upper
101 100
151 81.9 62.9 94.3





#13
Ethanol
Concen: 7.194 ppbv
RT: 3.610 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

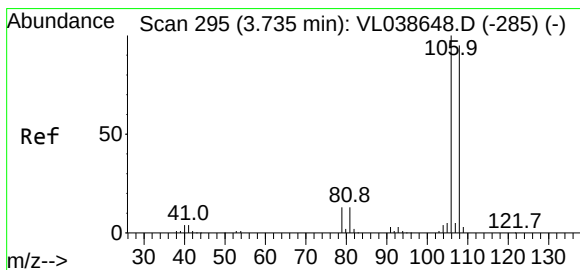
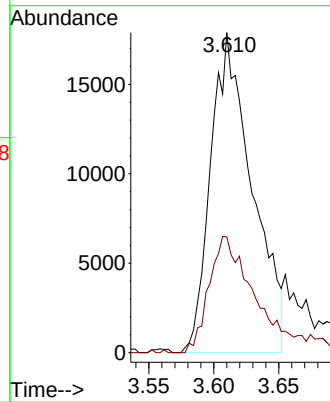
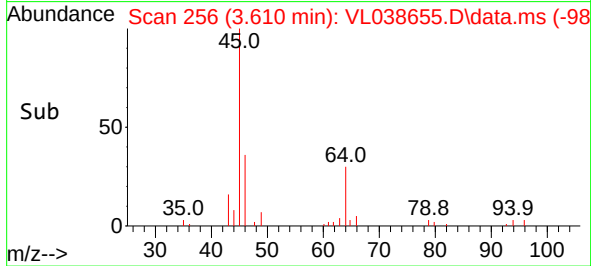
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122



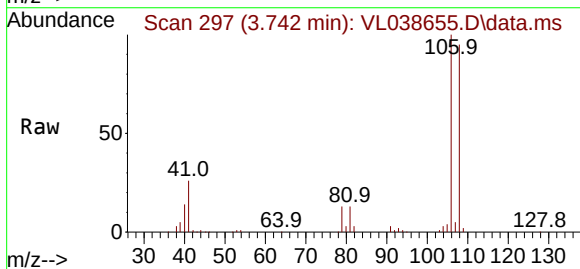
Tgt Ion: 45 Resp: 3972
Ion Ratio Lower Upper
45 100
46 42.7 15.1 60.5

Manual Integrations
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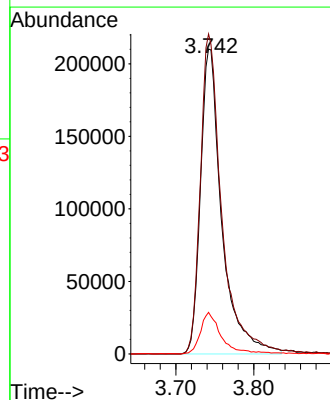
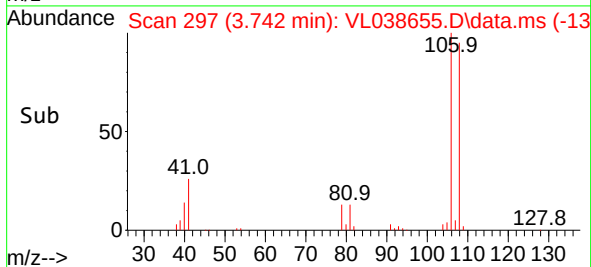
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

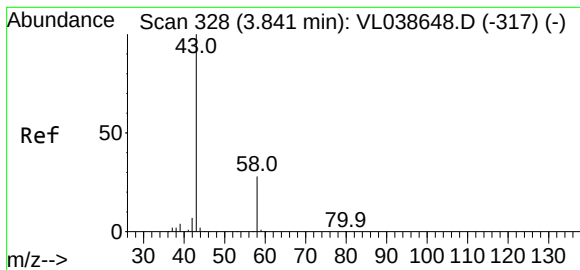


#14
Bromoethene
Concen: 10.025 ppbv
RT: 3.742 min Scan# 297
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27



Tgt Ion:108 Resp: 399523
Ion Ratio Lower Upper
108 100
106 106.8 88.3 132.5
79 13.8 11.2 16.8





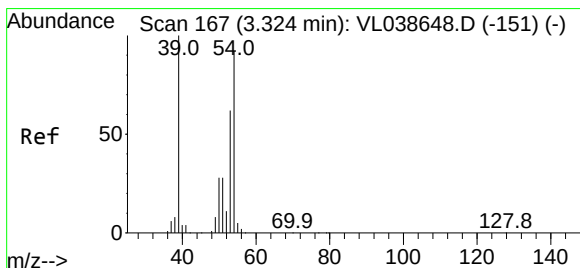
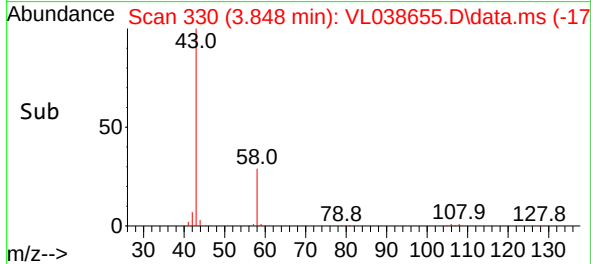
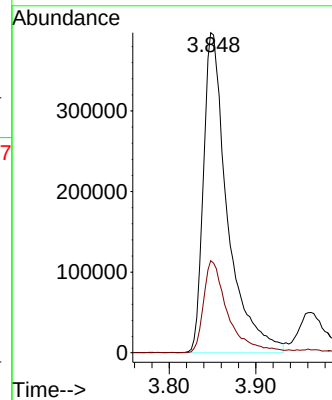
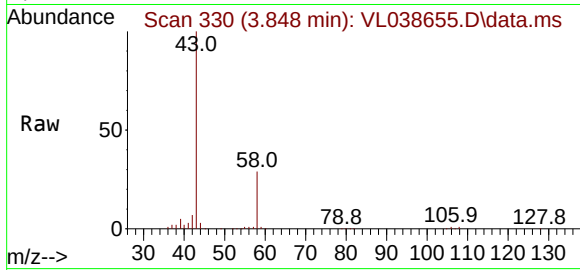
#15
Acetone
Concen: 9.046 ppbv
RT: 3.848 min Scan# 317
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion: 43 Resp: 766310
Ion Ratio Lower Upper
43 100
58 29.2 23.3 34.9

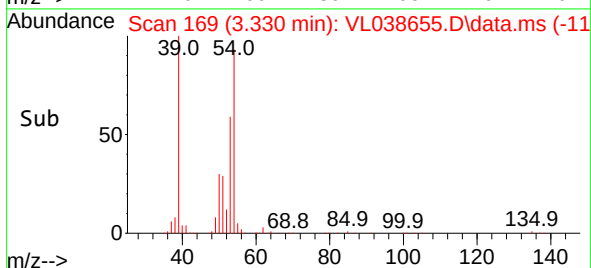
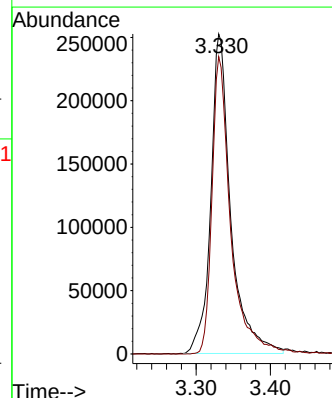
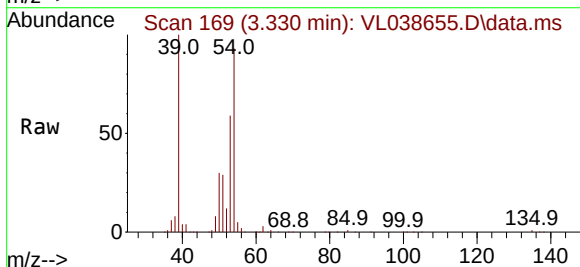
Manual Integrations
APPROVED

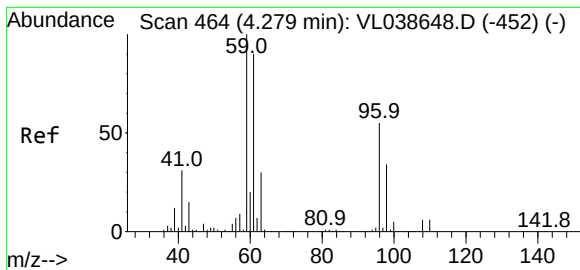
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#16
1,3-Butadiene
Concen: 9.828 ppbv
RT: 3.330 min Scan# 169
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 39 Resp: 472488
Ion Ratio Lower Upper
39 100
54 87.7 69.1 103.7





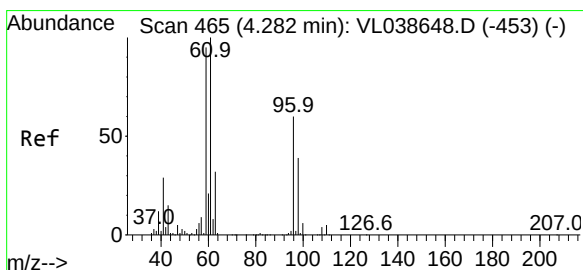
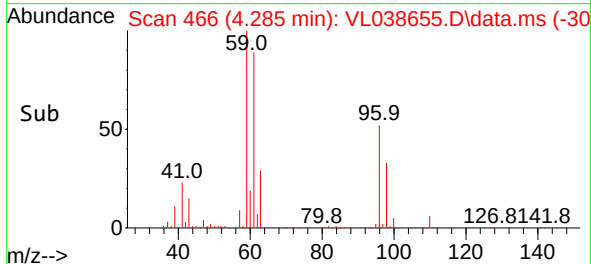
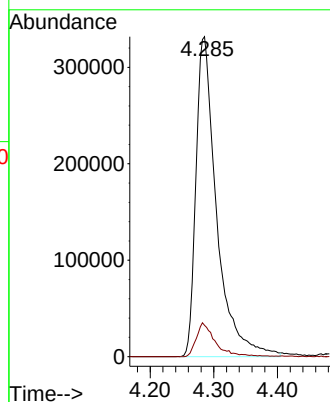
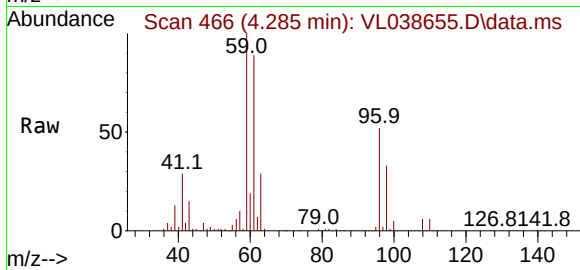
#17
tert-Butyl alcohol
Concen: 10.121 ppbv
RT: 4.285 min Scan# 466
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion: 59 Resp: 748800
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2

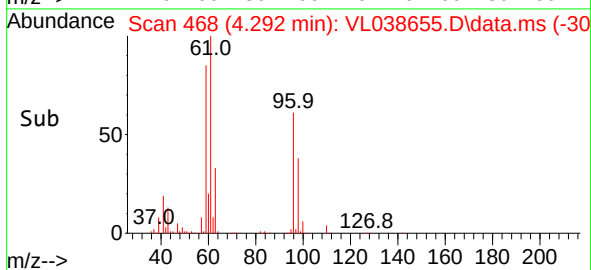
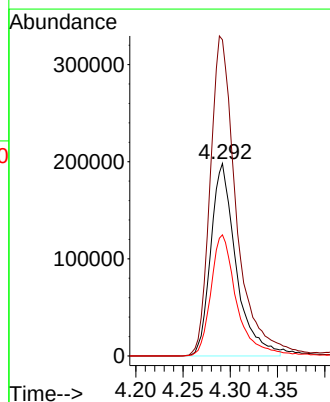
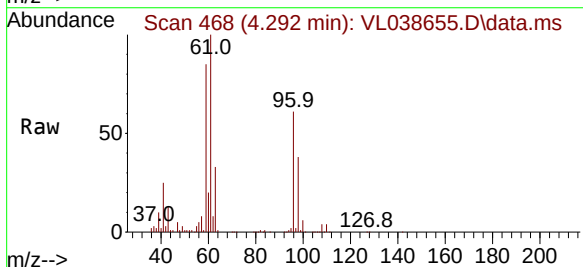
Manual Integrations
APPROVED

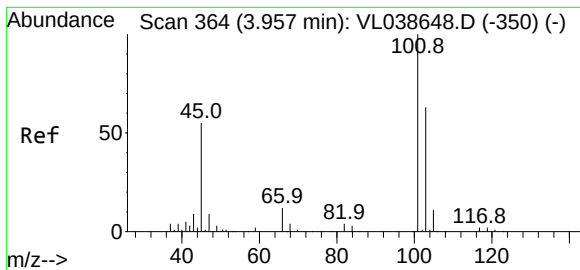
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#18
1,1-Dichloroethene
Concen: 9.158 ppbv
RT: 4.292 min Scan# 468
Delta R.T. 0.010 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

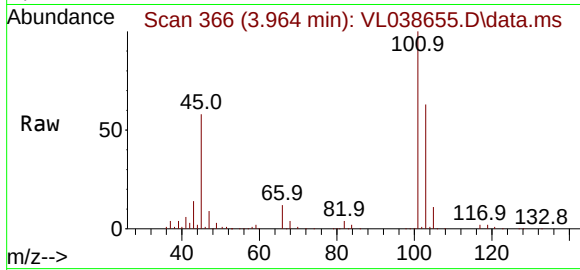
Tgt Ion: 96 Resp: 368938
Ion Ratio Lower Upper
96 100
61 164.3 132.4 198.6
98 62.9 51.6 77.4





#19
Isopropyl Alcohol
Concen: 9.665 ppbv
RT: 3.964 min Scan# 30
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

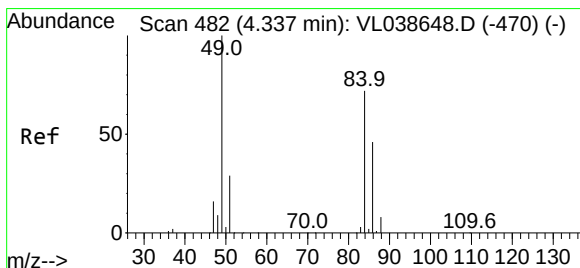
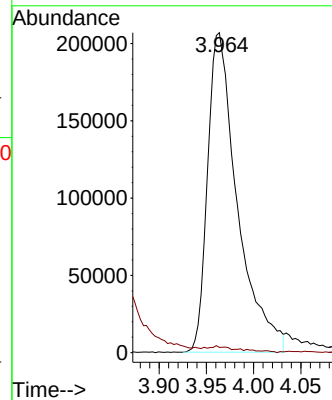
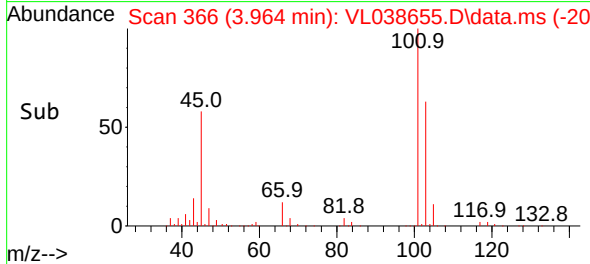
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122



Tgt Ion: 45 Resp: 453962
Ion Ratio Lower Upper
45 100
58 1.9 2.3 3.5

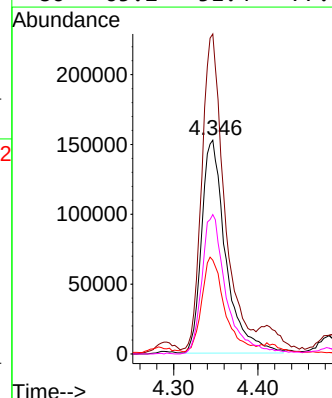
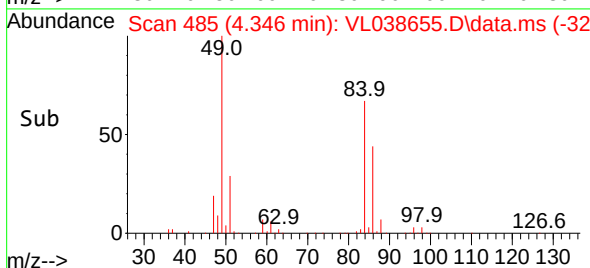
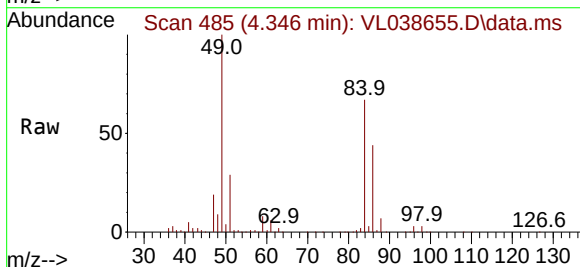
Manual Integrations
APPROVED

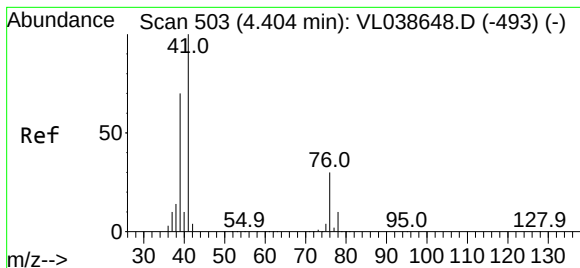
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#20
Methylene Chloride
Concen: 8.541 ppbv
RT: 4.346 min Scan# 485
Delta R.T. 0.010 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 84 Resp: 304783
Ion Ratio Lower Upper
84 100
49 146.8 111.2 166.8
51 43.0 32.8 49.2
86 65.2 51.4 77.0





#21
 Allyl Chloride
 Concen: 9.425 ppbv
 RT: 4.414 min Scan# 503
 Delta R.T. 0.010 min
 Lab File: VL038655.D
 Acq: 21 Mar 2022 17:27

Instrument :

MSVOA_L

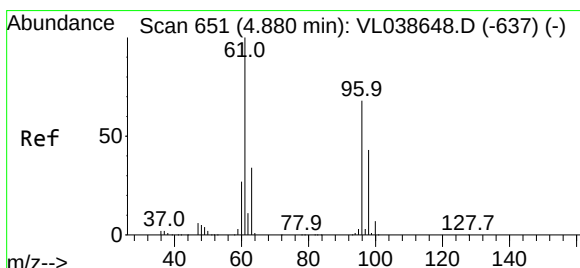
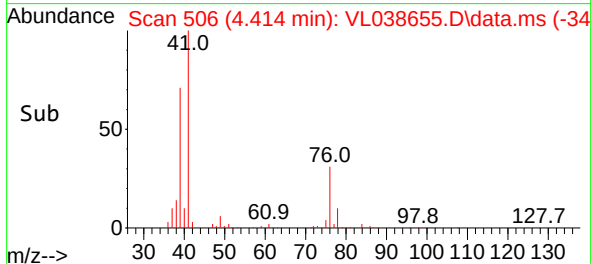
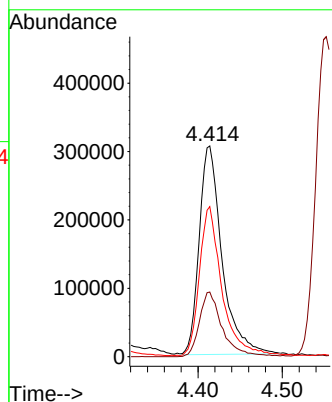
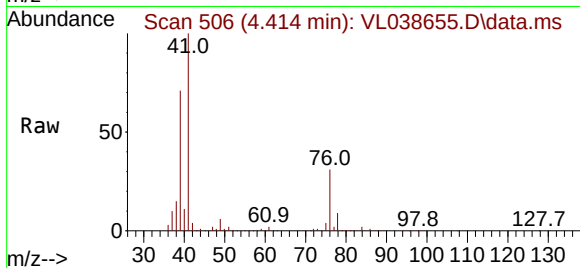
ClientSampleId :

ICVVL032122

Tgt Ion: 41 Resp: 574670
 Ion Ratio Lower Upper
 41 100
 76 31.2 25.0 37.6
 39 70.7 56.6 85.0

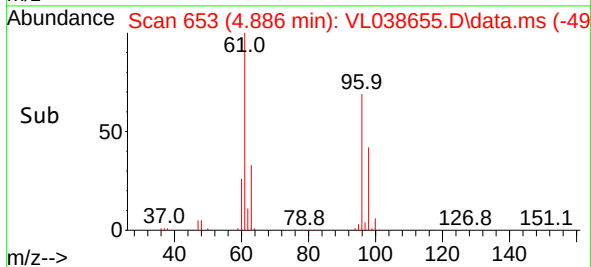
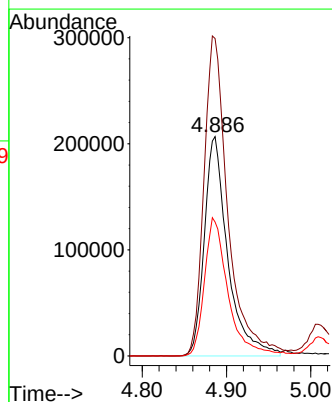
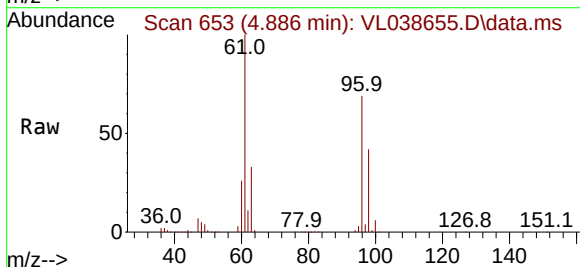
Manual Integrations
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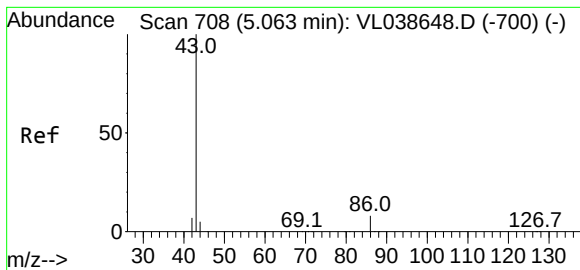
Reviewed By :Semsettin Yesilyurt 03/22/2022
 Supervised By :Mahesh Dadoda 03/24/2022



#22
 trans-1,2-Dichloroethene
 Concen: 9.595 ppbv
 RT: 4.886 min Scan# 653
 Delta R.T. 0.006 min
 Lab File: VL038655.D
 Acq: 21 Mar 2022 17:27

Tgt Ion: 96 Resp: 400930
 Ion Ratio Lower Upper
 96 100
 61 144.6 118.3 177.5
 98 61.1 51.3 76.9





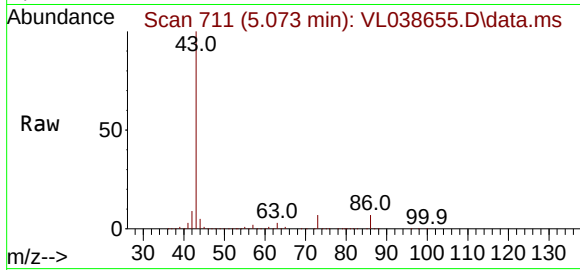
#23
 Vinyl Acetate
 Concen: 10.142 ppbv
 RT: 5.073 min Scan# 711
 Delta R.T. 0.010 min
 Lab File: VL038655.D
 Acq: 21 Mar 2022 17:27

Instrument :

MSVOA_L

ClientSampleId :

ICVVL032122

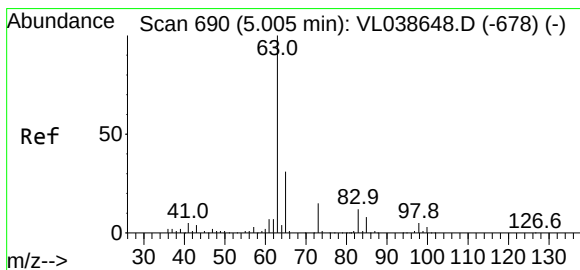
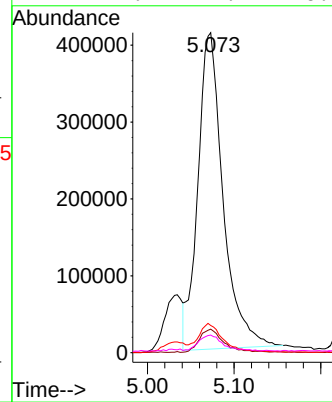
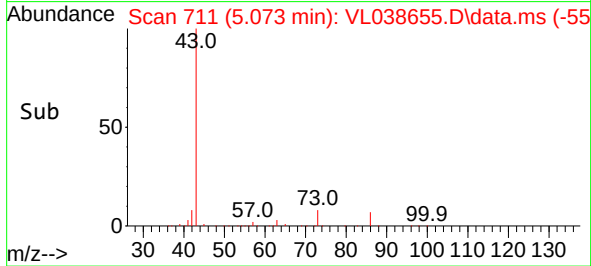


Tgt Ion: 43 Resp: 831986
 Ion Ratio Lower Upper
 43 100
 86 7.3 5.6 8.4
 42 8.4 6.8 10.2
 44 4.9 4.2 6.2

Manual Integrations

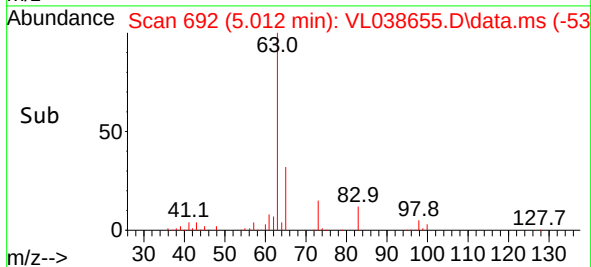
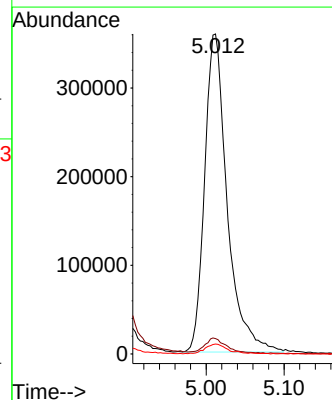
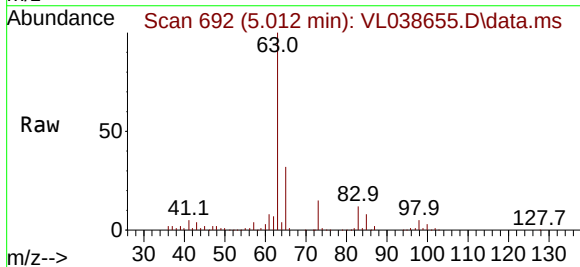
APPROVED

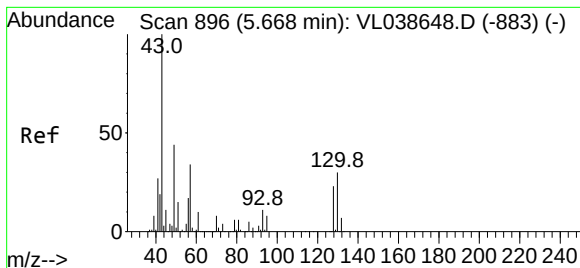
Reviewed By :Semsettin Yesilyurt 03/22/2022
 Supervised By :Mahesh Dadoda 03/24/2022



#24
 1,1-Dichloroethane
 Concen: 8.929 ppbv
 RT: 5.012 min Scan# 692
 Delta R.T. 0.006 min
 Lab File: VL038655.D
 Acq: 21 Mar 2022 17:27

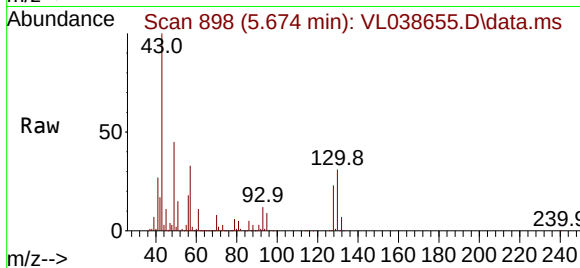
Tgt Ion: 63 Resp: 721365
 Ion Ratio Lower Upper
 63 100
 98 4.6 2.5 7.5
 100 3.1 1.4 4.2





#25
Ethyl Acetate
Concen: 9.987 ppbv
RT: 5.674 min Scan# 896
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

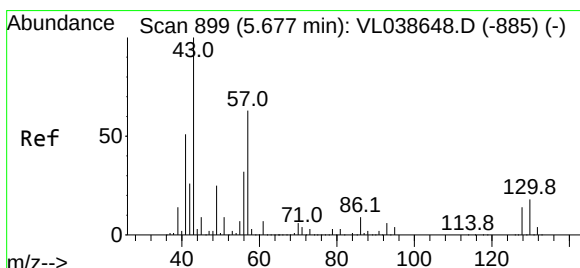
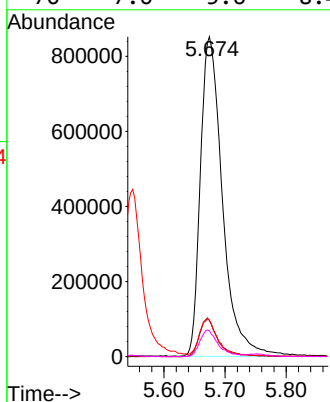
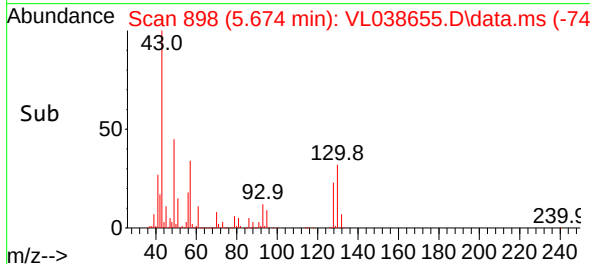


Tgt Ion: 43 Resp: 212978

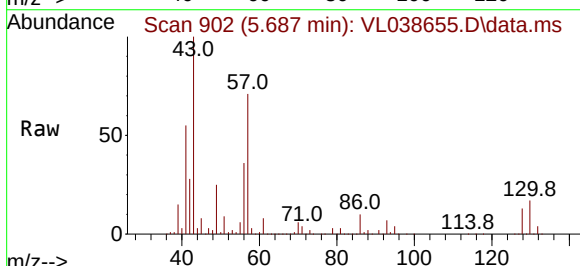
Ion	Ratio	Lower	Upper
43	100		
45	10.1	8.2	12.4
61	10.5	8.3	12.5
70	7.0	5.6	8.4

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

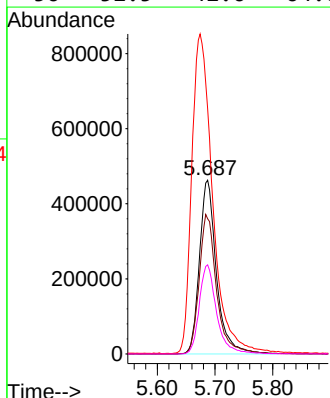
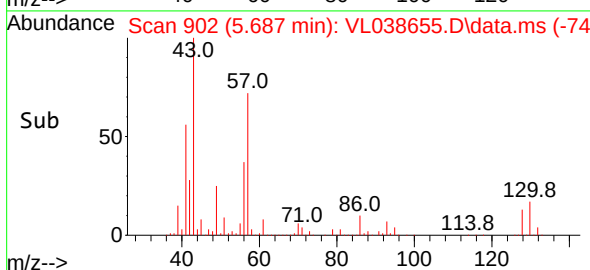


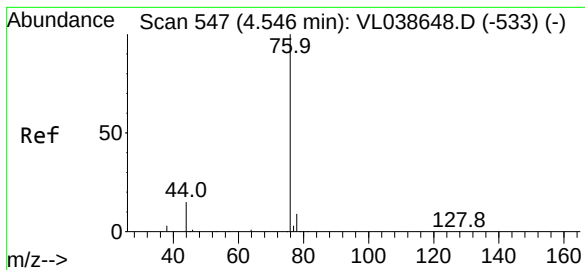
#26
Hexane
Concen: 9.930 ppbv
RT: 5.687 min Scan# 902
Delta R.T. 0.010 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27



Tgt Ion: 57 Resp: 948078

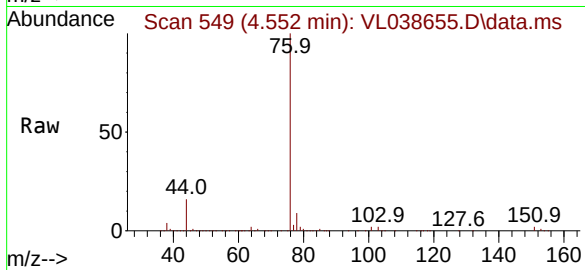
Ion	Ratio	Lower	Upper
57	100		
41	82.3	67.0	100.4
43	227.1	184.2	276.2
56	52.5	42.6	64.0





#27
Carbon Disulfide
Concen: 9.922 ppbv
RT: 4.552 min Scan# 547
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

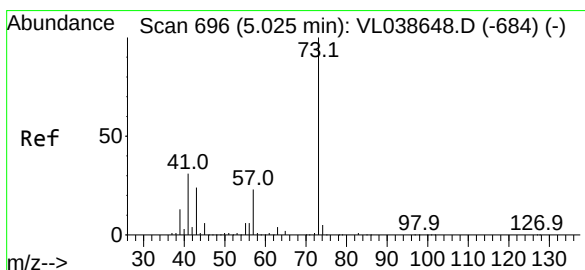
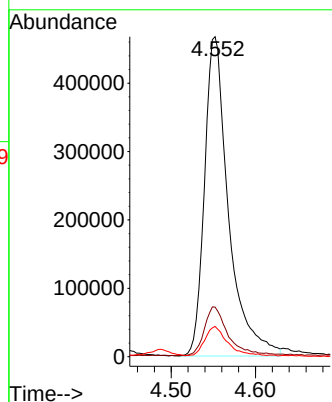
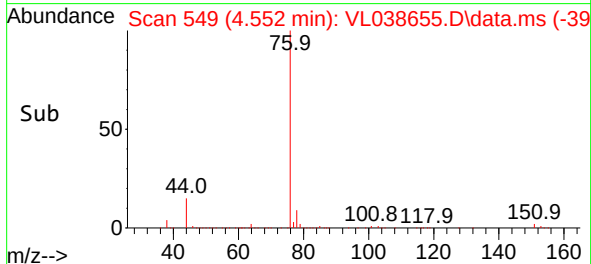
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122



Tgt Ion: 76 Resp: 92934
Ion Ratio Lower Upper
76 100
44 15.5 12.4 18.6
78 9.6 7.8 11.8

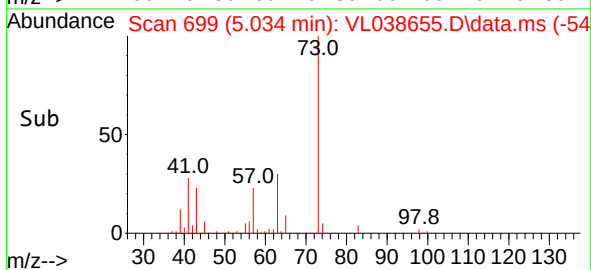
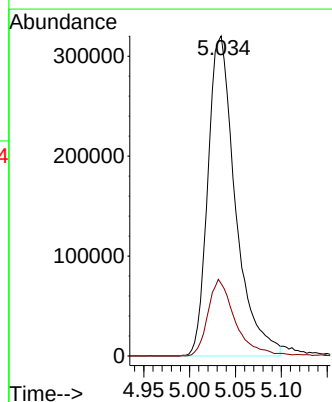
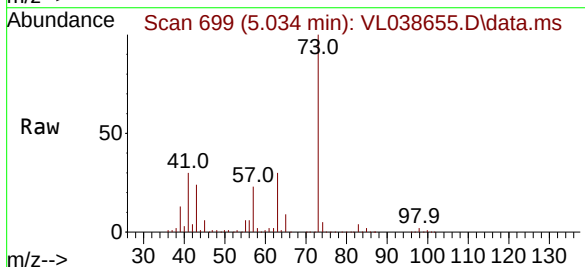
Manual Integrations
APPROVED

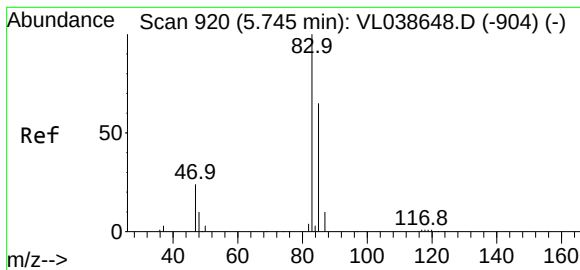
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#28
Methyl tert-Butyl Ether
Concen: 9.418 ppbv
RT: 5.034 min Scan# 699
Delta R.T. 0.010 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

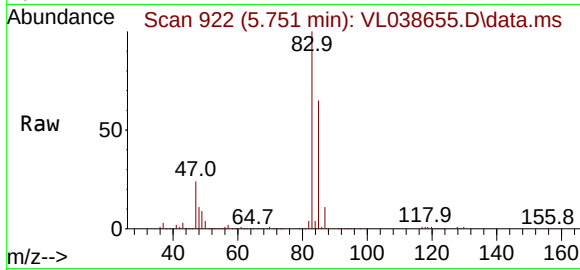
Tgt Ion: 73 Resp: 669808
Ion Ratio Lower Upper
73 100
57 24.1 19.2 28.8





#29
Chloroform
Concen: 9.573 ppbv
RT: 5.751 min Scan# 91
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

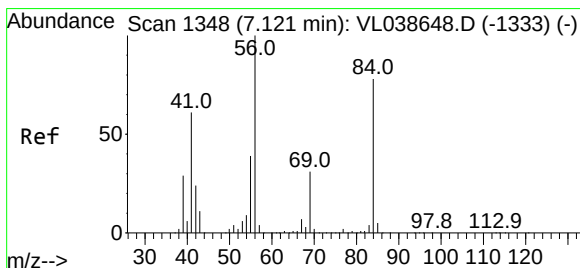
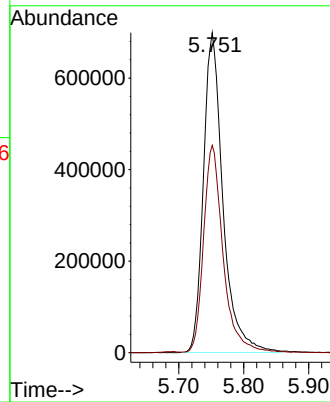
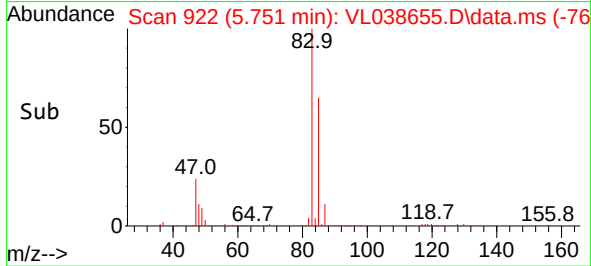
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122



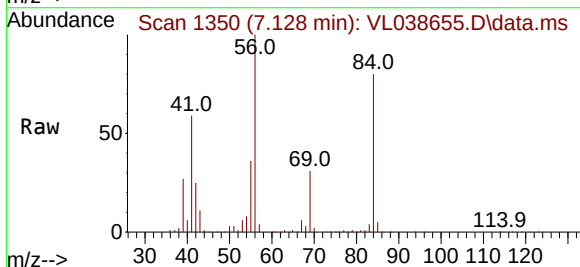
Tgt Ion: 83 Resp: 1463400
Ion Ratio Lower Upper
83 100
85 64.7 51.7 77.5

Manual Integrations
APPROVED

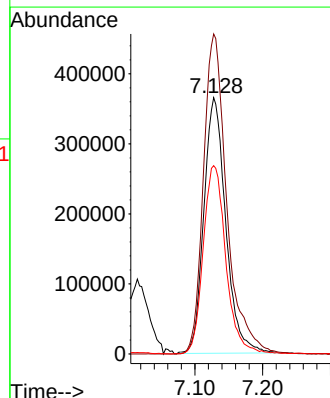
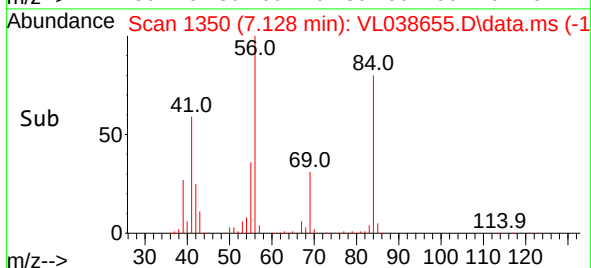
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

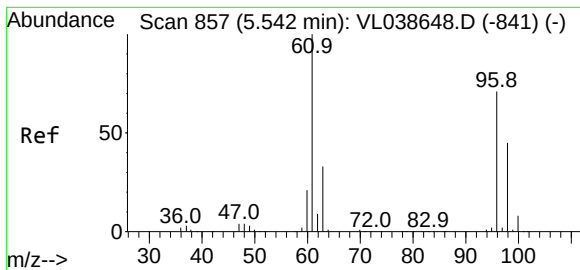


#30
Cyclohexane
Concen: 9.875 ppbv
RT: 7.128 min Scan# 1350
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27



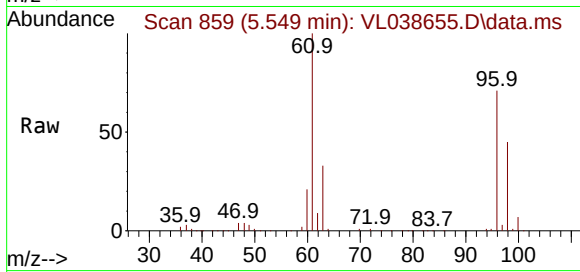
Tgt Ion: 84 Resp: 819821
Ion Ratio Lower Upper
84 100
56 134.0 108.2 162.4
41 76.4 61.8 92.6





#31
 cis-1,2-Dichloroethene
 Concen: 10.192 ppbv
 RT: 5.549 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: VL038655.D
 Acq: 21 Mar 2022 17:27

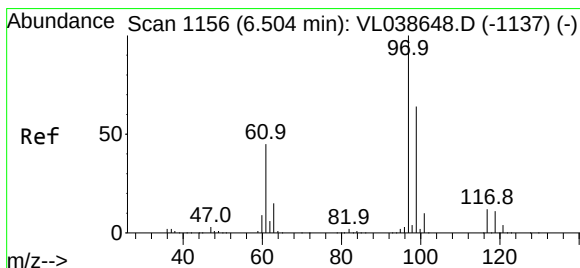
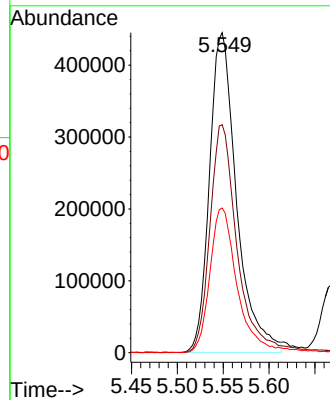
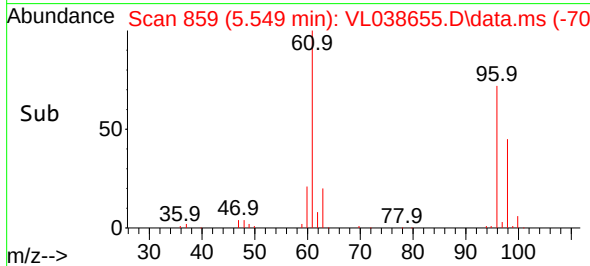
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL032122



Tgt Ion: 61 Resp: 91503
 Ion Ratio Lower Upper
 61 100
 96 71.2 56.6 84.8
 98 45.3 36.3 54.5

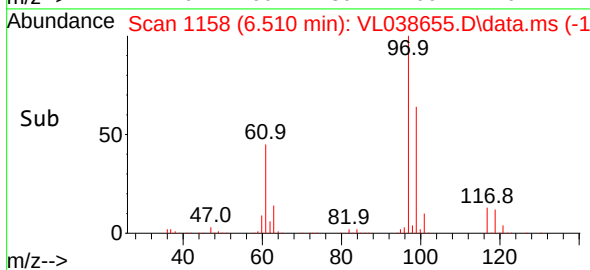
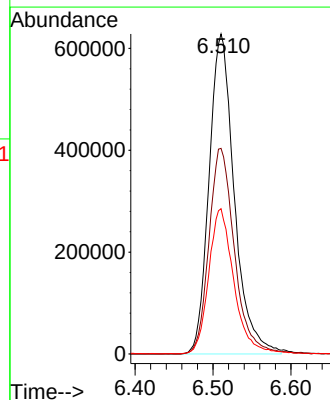
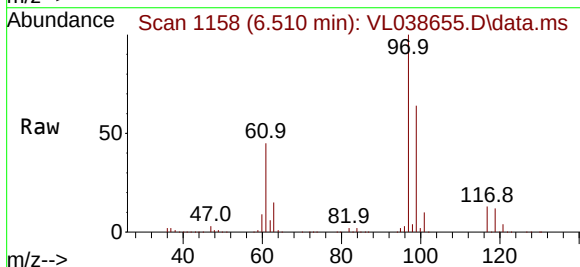
Manual Integrations
 APPROVED

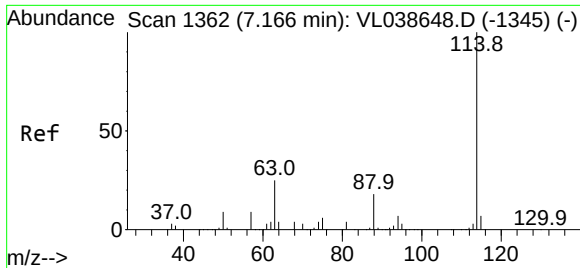
Reviewed By :Semsettin Yesilyurt 03/22/2022
 Supervised By :Mahesh Dadoda 03/24/2022



#32
 1,1,1-Trichloroethane
 Concen: 9.586 ppbv
 RT: 6.510 min Scan# 1158
 Delta R.T. 0.006 min
 Lab File: VL038655.D
 Acq: 21 Mar 2022 17:27

Tgt Ion: 97 Resp: 1414177
 Ion Ratio Lower Upper
 97 100
 99 65.3 51.8 77.8
 61 45.8 36.7 55.1





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.173 min Scan# 1114
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Instrument :

MSVOA_L

ClientSampleId :

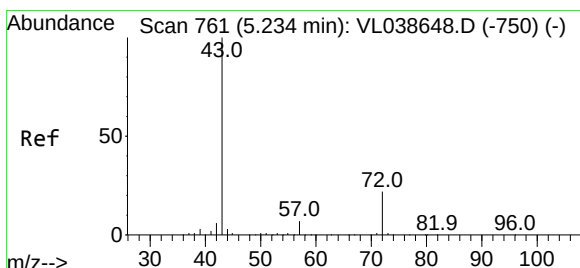
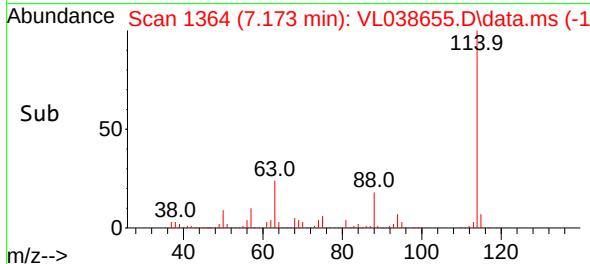
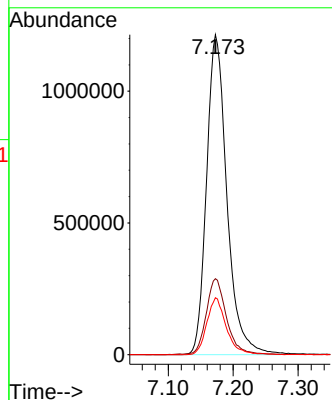
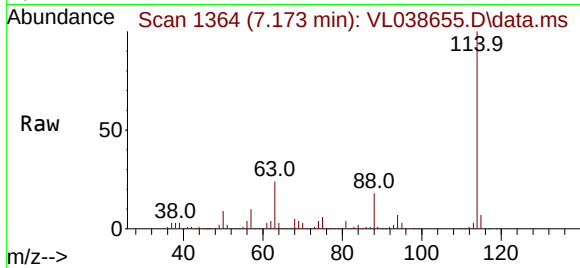
ICVVL032122

Tgt Ion:114 Resp: 2645824
Ion Ratio Lower Upper
114 100
63 23.9 19.4 29.0
88 17.2 13.9 20.9

Manual Integrations

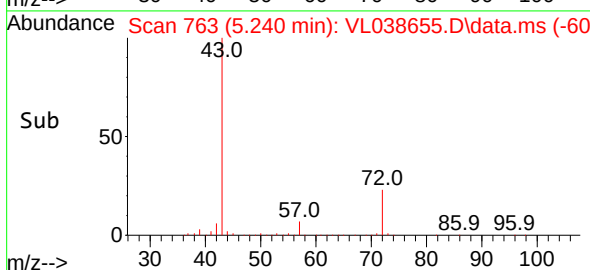
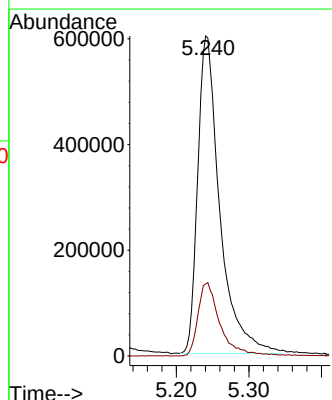
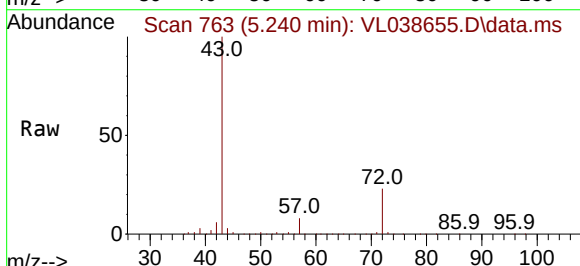
APPROVED

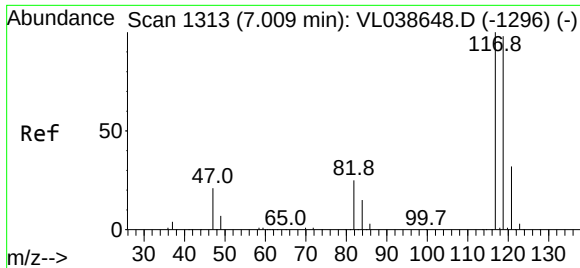
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#34
2-Butanone
Concen: 12.117 ppbv
RT: 5.240 min Scan# 763
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

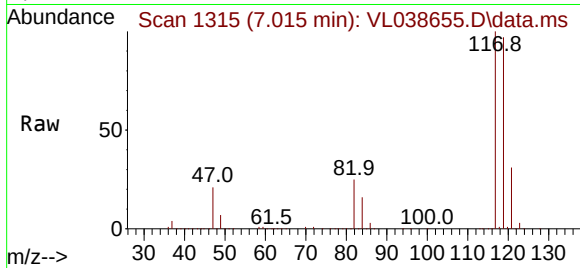
Tgt Ion: 43 Resp: 1268928
Ion Ratio Lower Upper
43 100
72 23.3 17.8 26.8





#35
Carbon Tetrachloride
Concen: 9.583 ppbv
RT: 7.015 min Scan# 117
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

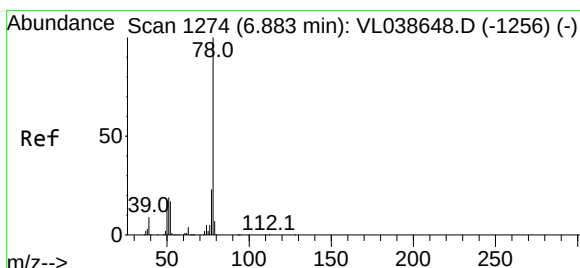
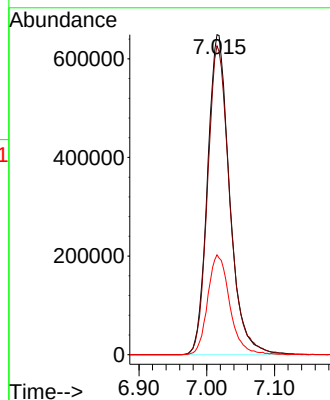
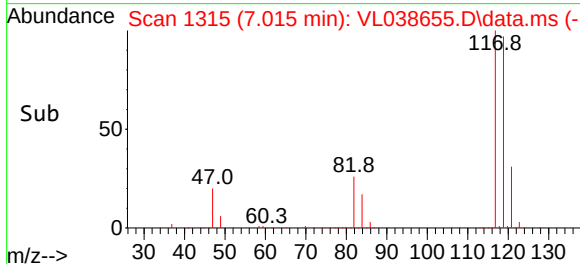
Instrument : MSVOA_L
ClientSampleId : ICVVL032122



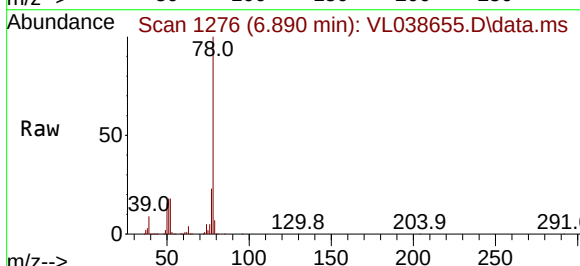
Tgt Ion:117 Resp: 147116
Ion Ratio Lower Upper
117 100
119 96.5 78.1 117.1
121 31.2 25.8 38.6

Manual Integrations
APPROVED

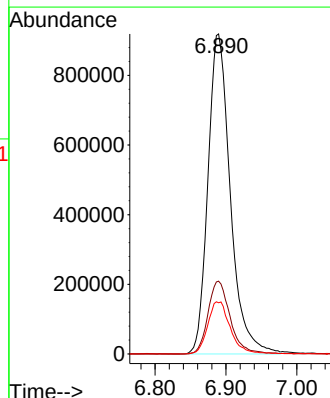
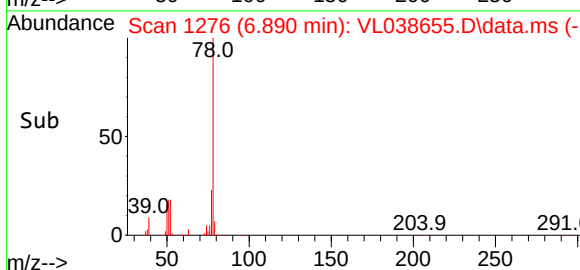
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

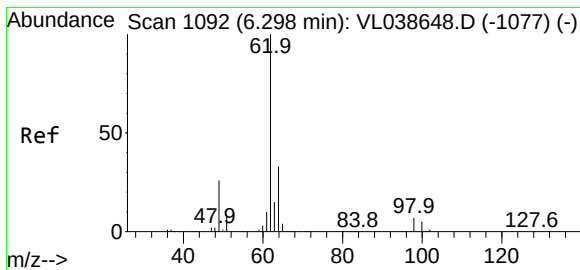


#36
Benzene
Concen: 9.865 ppbv
RT: 6.890 min Scan# 1276
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27



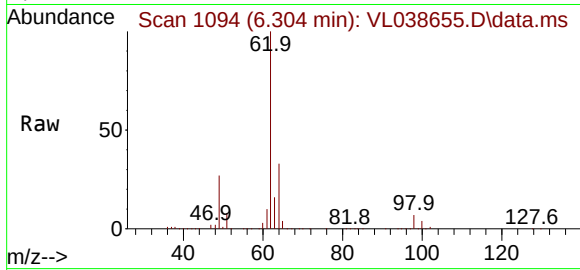
Tgt Ion: 78 Resp: 2014440
Ion Ratio Lower Upper
78 100
77 22.8 18.1 27.1
50 16.0 13.6 20.4





#37
1,2-Dichloroethane
Concen: 9.623 ppbv
RT: 6.304 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

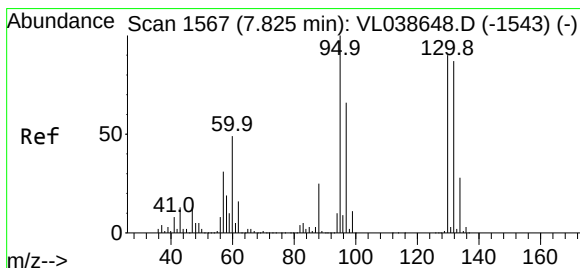
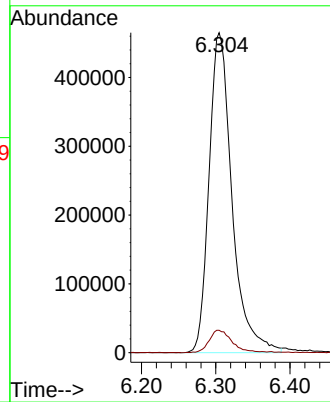
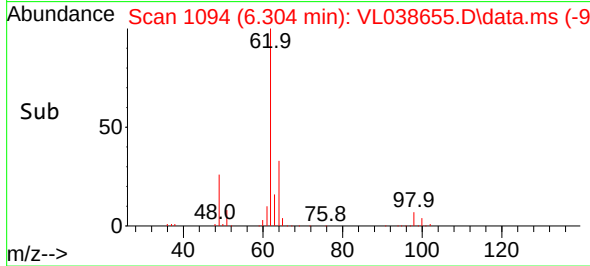
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122



Tgt Ion: 62 Resp: 999572
Ion Ratio Lower Upper
62 100
98 7.3 5.6 8.4

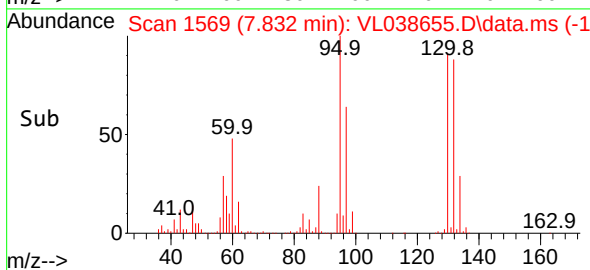
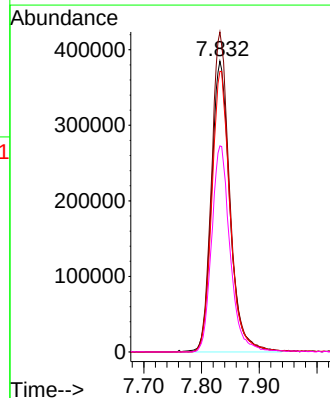
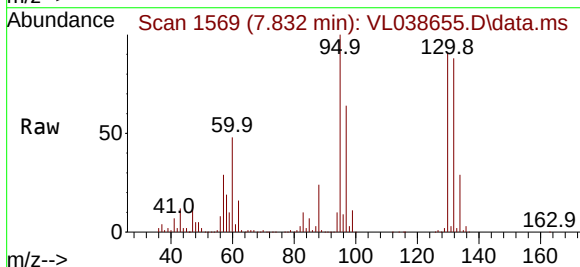
Manual Integrations
APPROVED

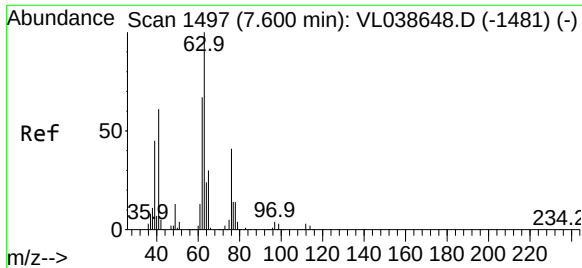
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#38
Trichloroethene
Concen: 9.996 ppbv
RT: 7.832 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

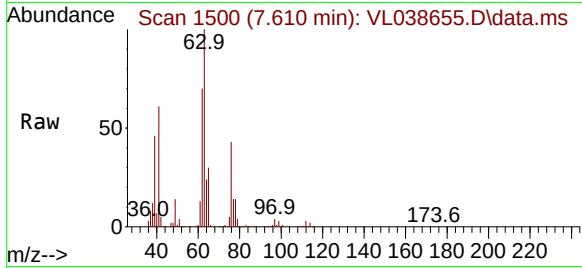
Tgt Ion:130 Resp: 855048
Ion Ratio Lower Upper
130 100
95 110.0 88.9 133.3
132 96.5 77.4 116.0
97 70.9 58.2 87.4





#39
1,2-Dichloropropane
Concen: 9.709 ppbv
RT: 7.610 min Scan# 1497
Delta R.T. 0.010 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

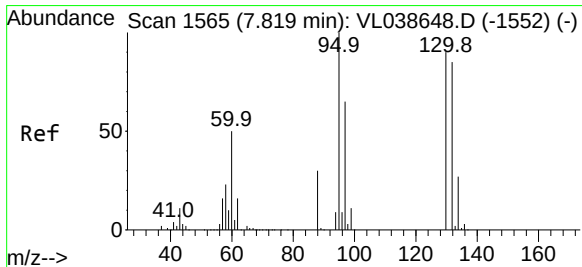
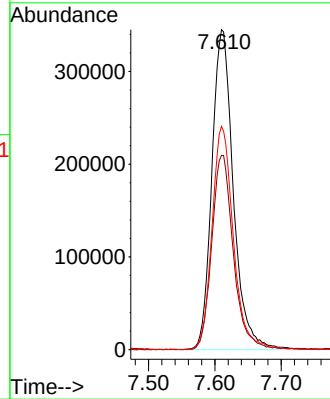
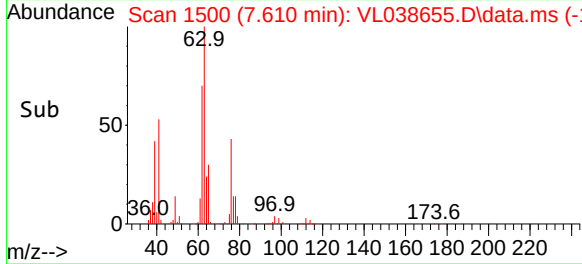
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122



Tgt Ion: 63 Resp: 775044
Ion Ratio Lower Upper
63 100
41 60.7 49.0 73.6
62 69.7 53.9 80.9

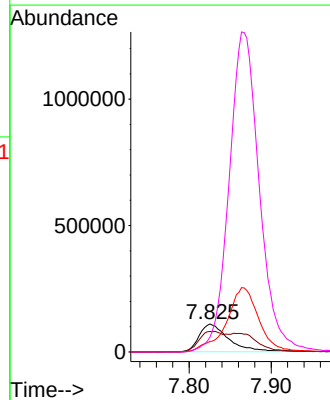
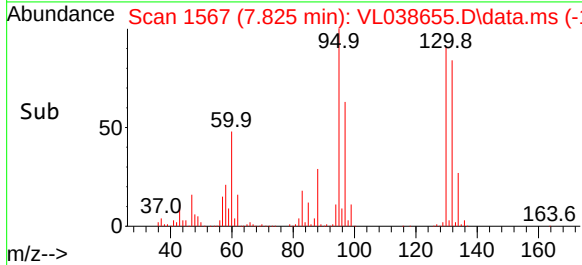
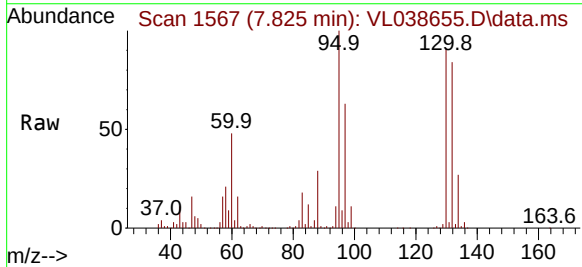
Manual Integrations
APPROVED

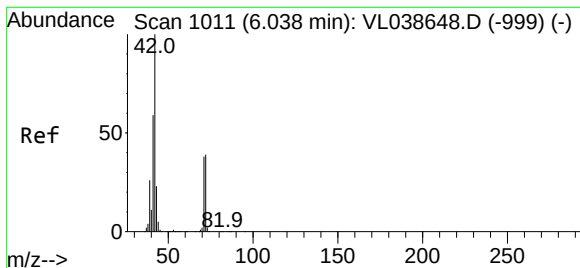
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#40
1,4-Dioxane
Concen: 9.829 ppbv
RT: 7.825 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

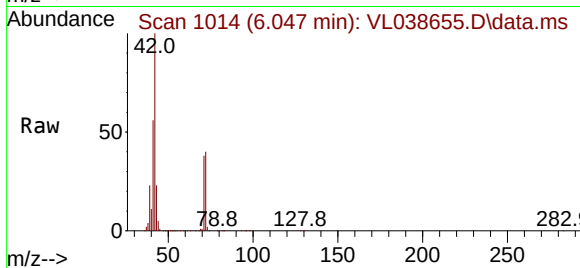
Tgt Ion: 88 Resp: 272476
Ion Ratio Lower Upper
88 100
58 132.5 105.6 158.4
43 257.0 201.9 302.9
57 1200.7 942.1 1413.1





#41
Tetrahydrofuran
Concen: 10.380 ppbv
RT: 6.047 min Scan# 1011
Delta R.T. 0.010 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

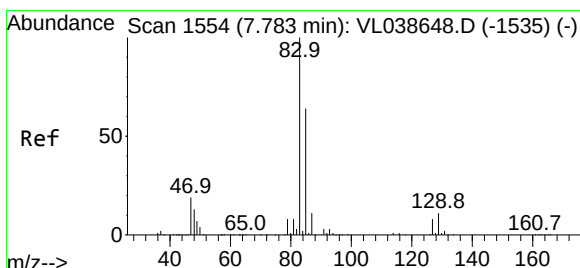
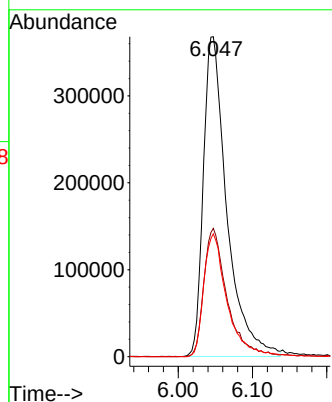
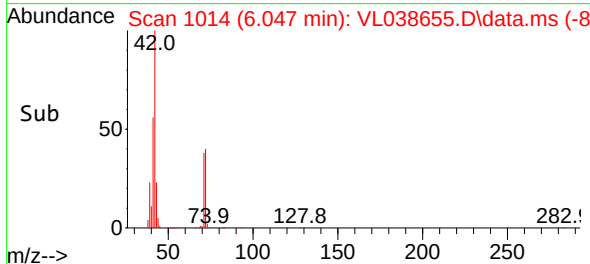
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122



Tgt Ion: 42 Resp: 809000
Ion Ratio Lower Upper
42 100
72 40.1 32.5 48.7
71 38.4 31.4 47.2

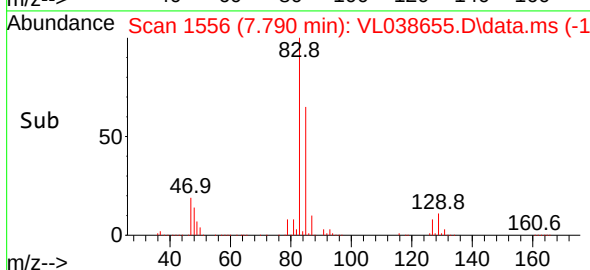
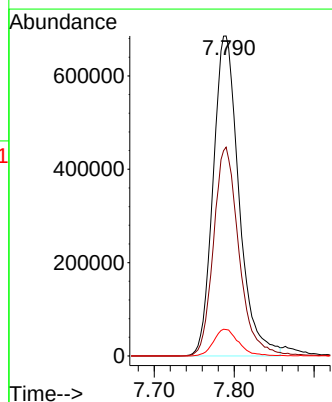
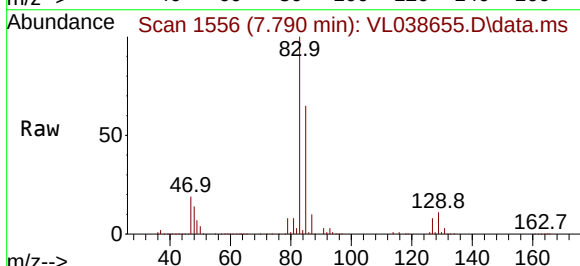
Manual Integrations
APPROVED

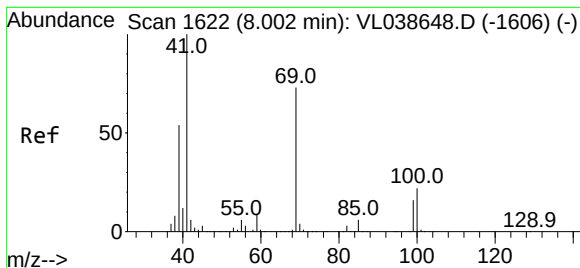
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#42
Bromodichloromethane
Concen: 9.871 ppbv
RT: 7.790 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 83 Resp: 1537263
Ion Ratio Lower Upper
83 100
85 65.2 51.1 76.7
127 8.3 6.5 9.7





#43

Methyl Methacrylate

Concen: 10.614 ppbv

RT: 8.009 min Scan# 1624

Delta R.T. 0.006 min

Lab File: VL038655.D

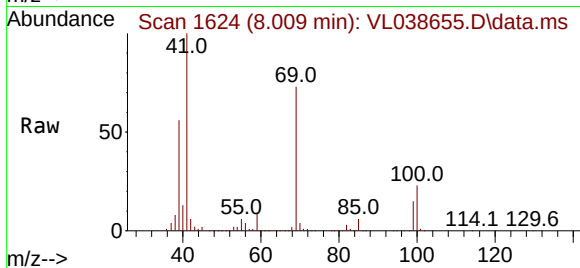
Acq: 21 Mar 2022 17:27

Instrument :

MSVOA_L

ClientSampleId :

ICVVL032122



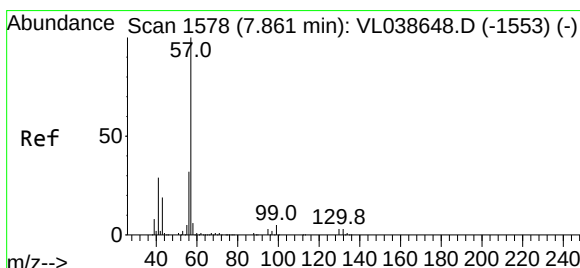
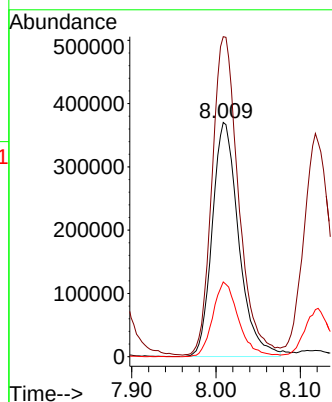
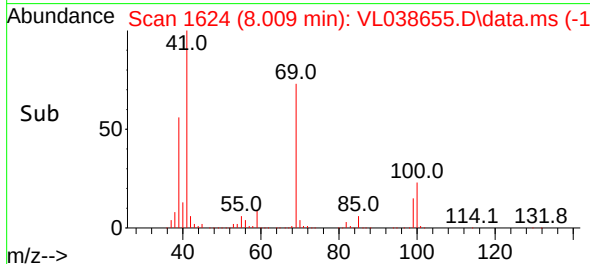
Tgt Ion: 69 Resp: 804648

Ion	Ratio	Lower	Upper
69	100		
41	137.6	110.3	165.5
100	31.2	24.8	37.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#44

2,2,4-Trimethylpentane

Concen: 9.526 ppbv

RT: 7.864 min Scan# 1579

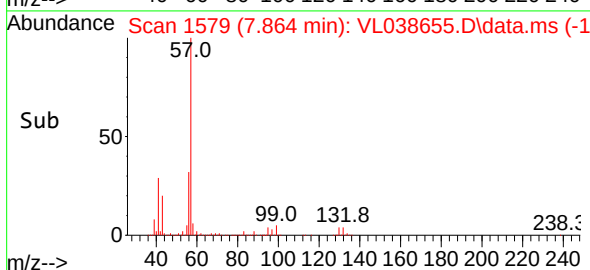
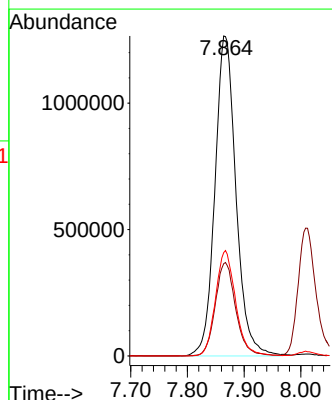
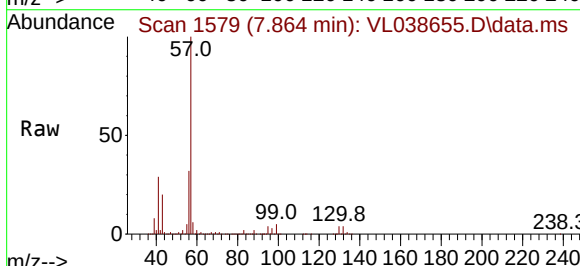
Delta R.T. 0.003 min

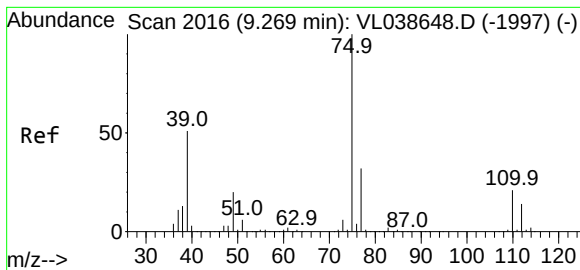
Lab File: VL038655.D

Acq: 21 Mar 2022 17:27

Tgt Ion: 57 Resp: 3265907

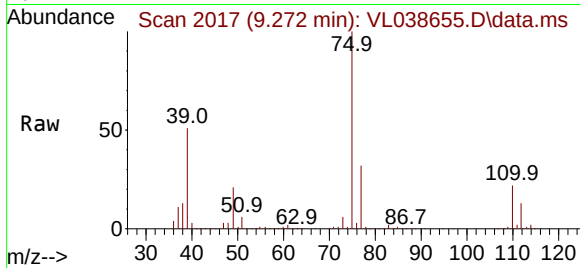
Ion	Ratio	Lower	Upper
57	100		
41	28.3	23.0	34.4
56	31.5	25.3	37.9





#45
t-1,3-Dichloropropene
Concen: 11.709 ppbv
RT: 9.272 min Scan# 2016
Delta R.T. 0.003 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

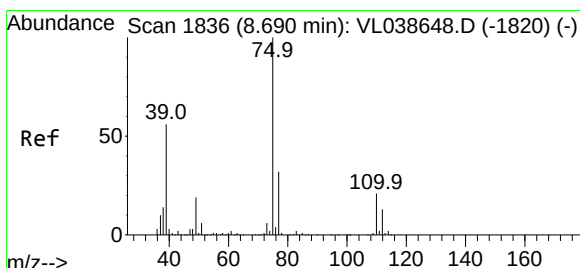
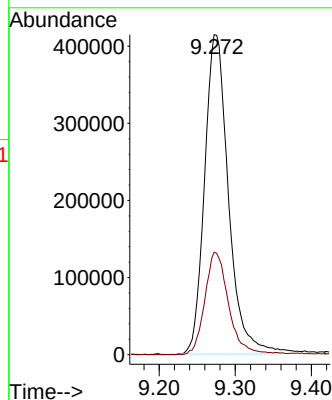
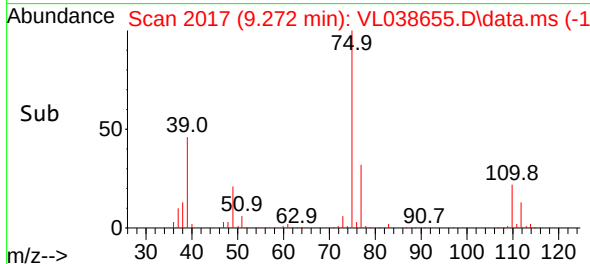
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122



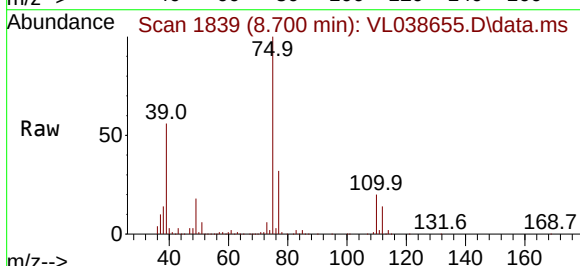
Tgt Ion: 75 Resp: 902564
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3

Manual Integrations
APPROVED

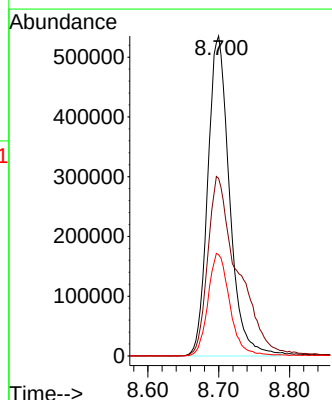
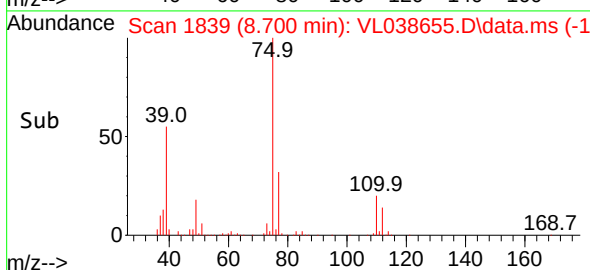
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

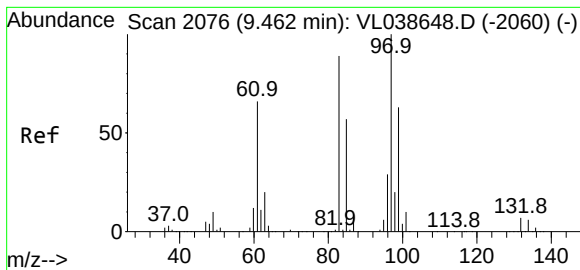


#46
cis-1,3-Dichloropropene
Concen: 10.946 ppbv
RT: 8.700 min Scan# 1839
Delta R.T. 0.010 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27



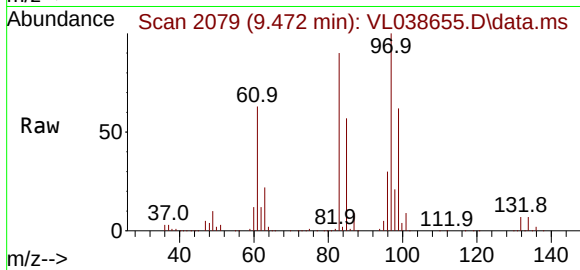
Tgt Ion: 75 Resp: 1140931
Ion Ratio Lower Upper
75 100
39 55.4 44.8 67.2
77 31.6 25.4 38.0





#47
1,1,2-Trichloroethane
Concen: 9.445 ppbv
RT: 9.472 min Scan# 2076
Delta R.T. 0.010 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

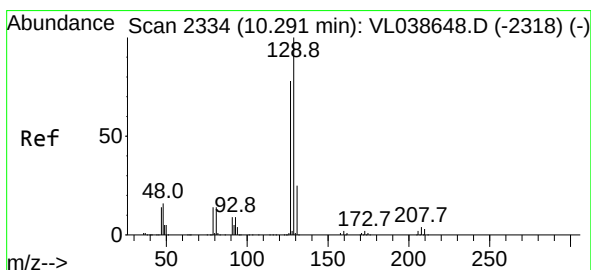
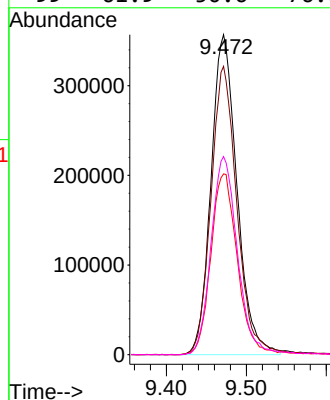
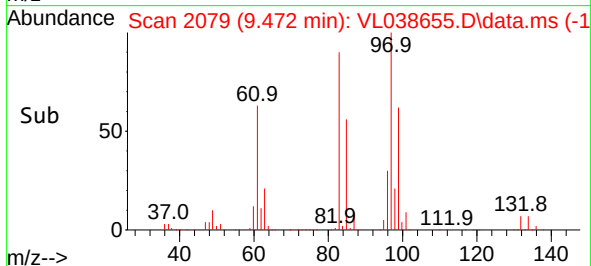
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122



Tgt Ion: 97 Resp: 805000
Ion Ratio Lower Upper
97 100
83 90.1 71.2 106.8
85 56.5 45.3 67.9
99 61.9 50.6 76.0

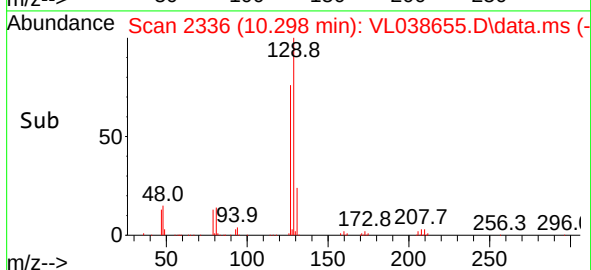
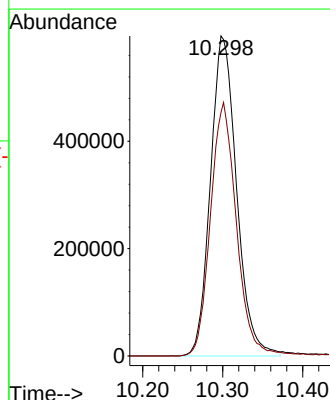
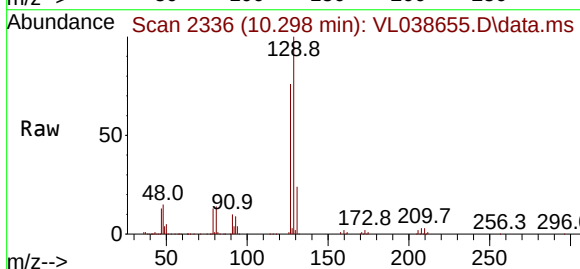
Manual Integrations
APPROVED

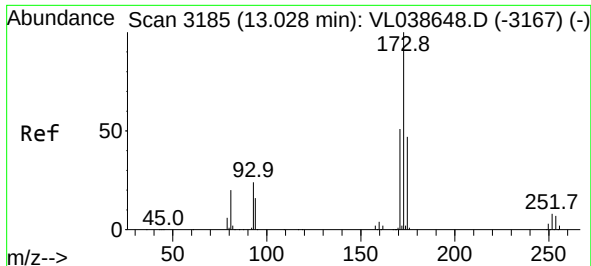
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#48
Dibromochloromethane
Concen: 10.147 ppbv
RT: 10.298 min Scan# 2336
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

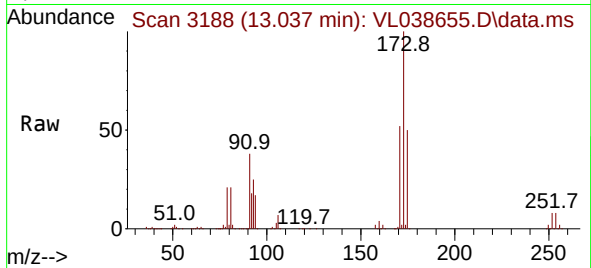
Tgt Ion:129 Resp: 1354622
Ion Ratio Lower Upper
129 100
127 79.3 39.5 118.5





#49
Bromoform
Concen: 10.036 ppbv
RT: 13.037 min Scan# 3185
Delta R.T. 0.010 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

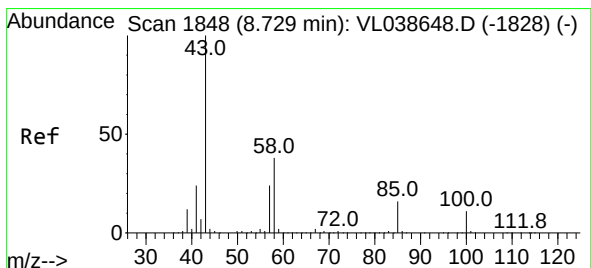
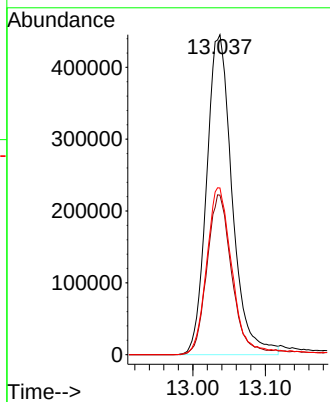
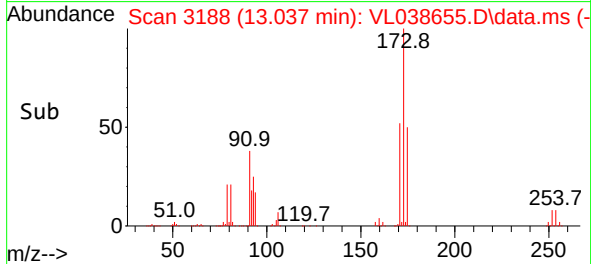
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122



Tgt Ion:173 Resp: 109199
Ion Ratio Lower Upper
173 100
175 50.3 41.0 61.6
171 54.0 43.1 64.7

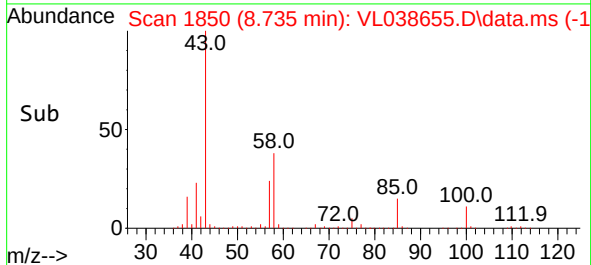
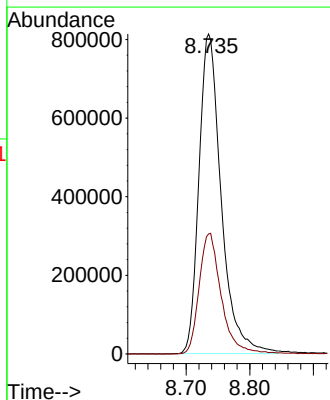
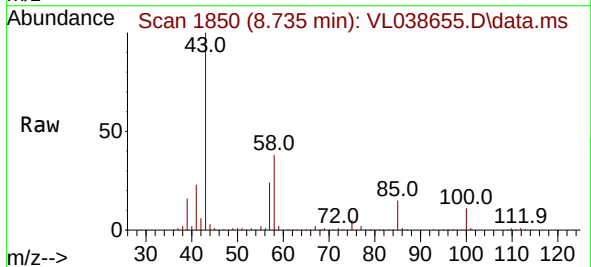
Manual Integrations
APPROVED

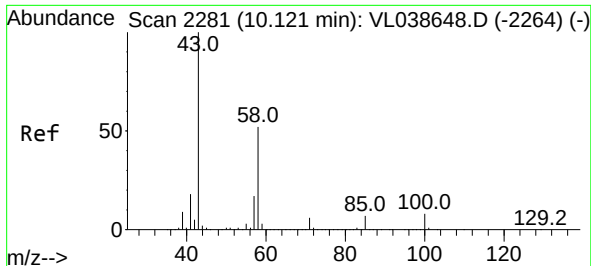
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#50
4-Methyl-2-Pentanone
Concen: 10.157 ppbv
RT: 8.735 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

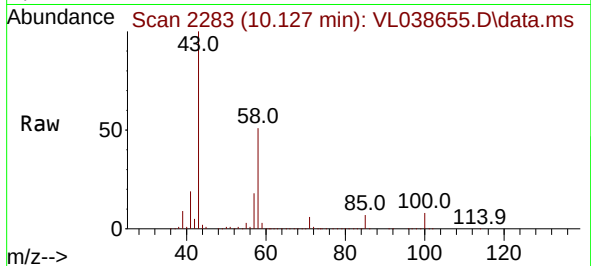
Tgt Ion: 43 Resp: 1977524
Ion Ratio Lower Upper
43 100
58 37.7 29.9 44.9





#51
2-Hexanone
Concen: 10.727 ppbv
RT: 10.127 min Scan# 21
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

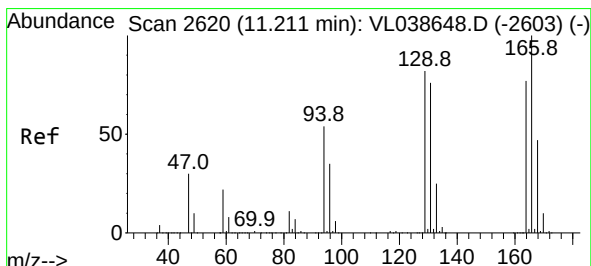
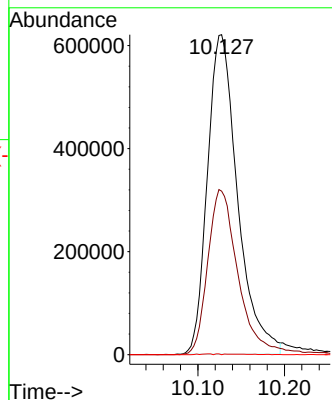
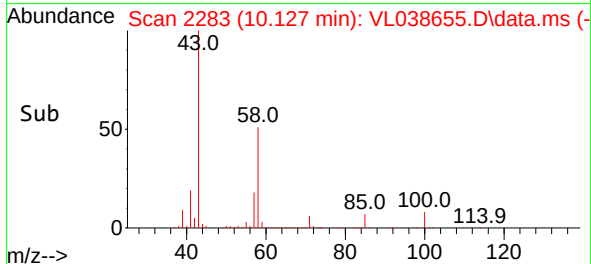
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122



Tgt Ion: 43 Resp: 150004
Ion Ratio Lower Upper
43 100
58 52.9 41.2 61.8
98 0.3 0.2 0.4

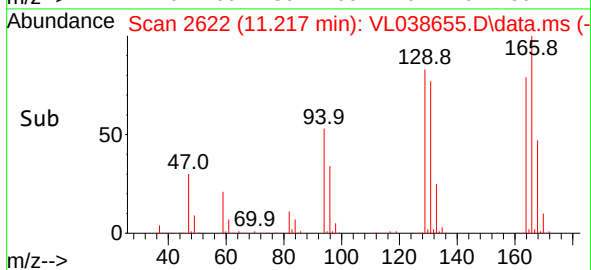
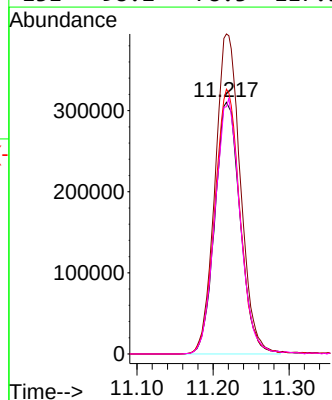
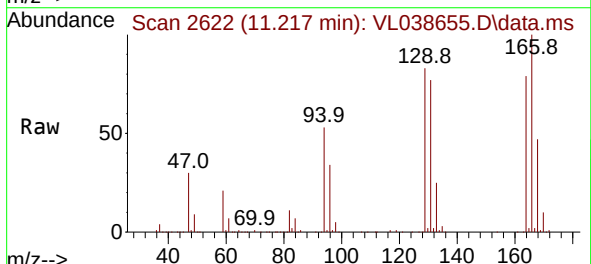
Manual Integrations
APPROVED

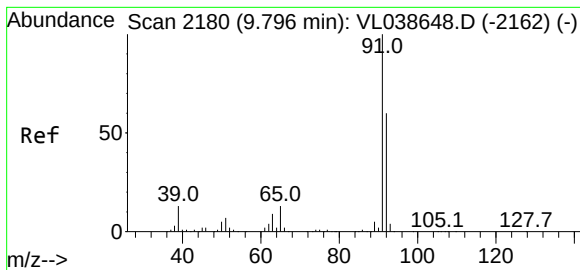
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#52
Tetrachloroethene
Concen: 9.587 ppbv
RT: 11.217 min Scan# 2622
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

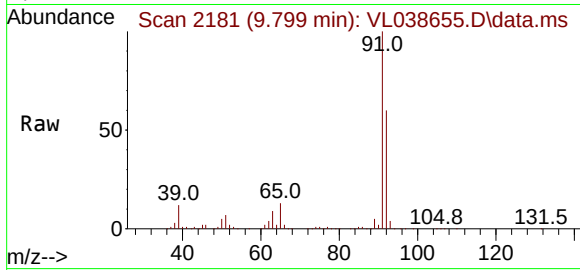
Tgt Ion:164 Resp: 716392
Ion Ratio Lower Upper
164 100
166 127.1 103.3 154.9
129 105.2 85.2 127.8
131 98.2 78.3 117.5





#53
Toluene
Concen: 10.268 ppbv
RT: 9.799 min Scan# 2180
Delta R.T. 0.003 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

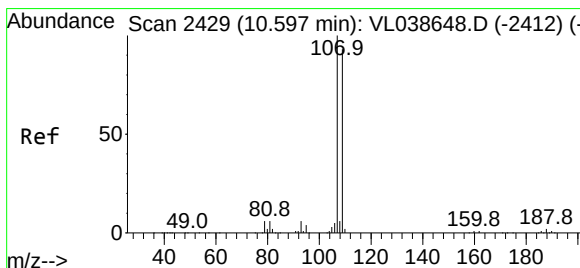
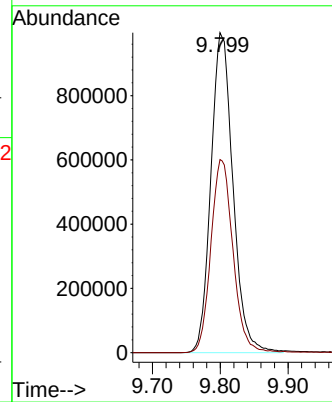
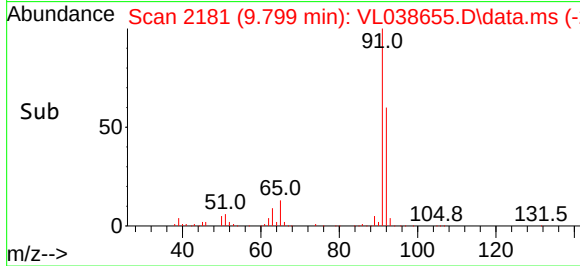
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122



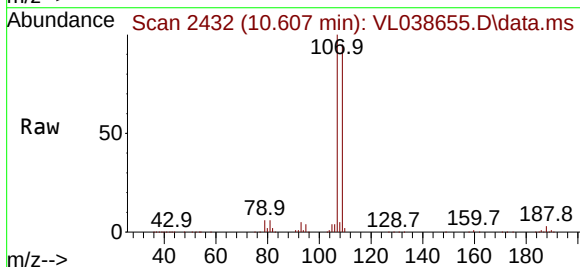
Tgt Ion: 91 Resp: 225299
Ion Ratio Lower Upper
91 100
92 60.8 48.7 73.1

Manual Integrations
APPROVED

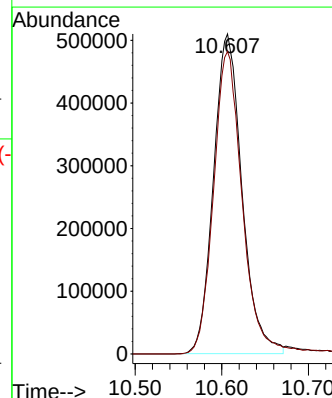
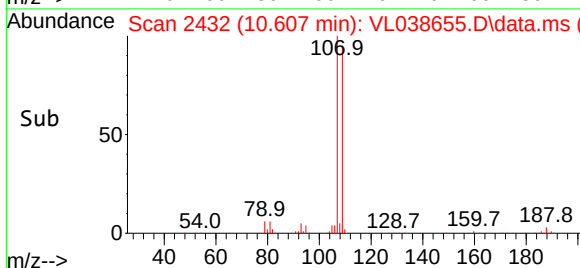
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

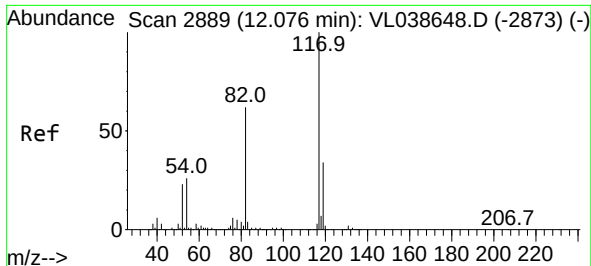


#54
1,2-Dibromoethane
Concen: 9.996 ppbv
RT: 10.607 min Scan# 2432
Delta R.T. 0.010 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27



Tgt Ion:107 Resp: 1163270
Ion Ratio Lower Upper
107 100
109 94.5 74.1 111.1





#55

Chlorobenzene-d5

Concen: 10.000 ppbv

RT: 12.082 min Scan# 2889

Delta R.T. 0.006 min

Lab File: VL038655.D

Acq: 21 Mar 2022 17:27

Instrument :

MSVOA_L

ClientSampleId :

ICVVL032122

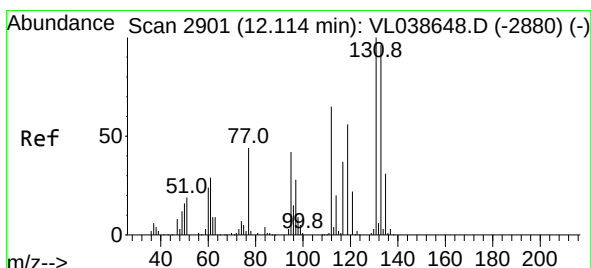
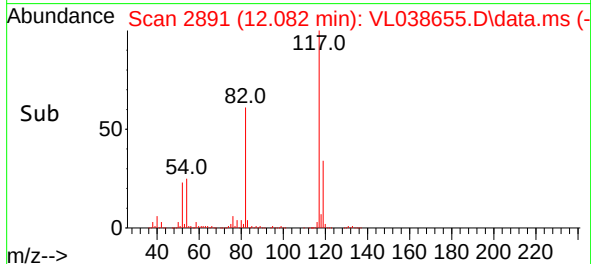
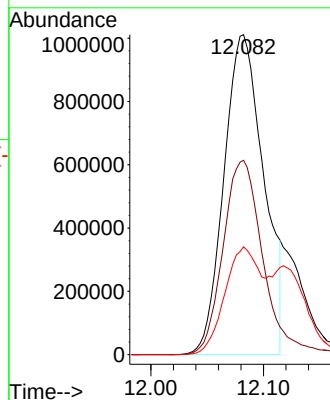
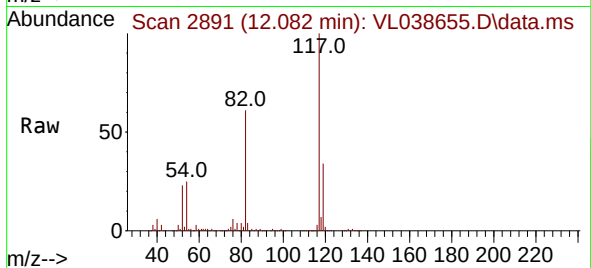
Tgt Ion:117 Resp: 248511

Ion	Ratio	Lower	Upper
117	100		
82	62.9	51.6	77.4
119	56.8	26.9	40.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 9.009 ppbv

RT: 12.121 min Scan# 2903

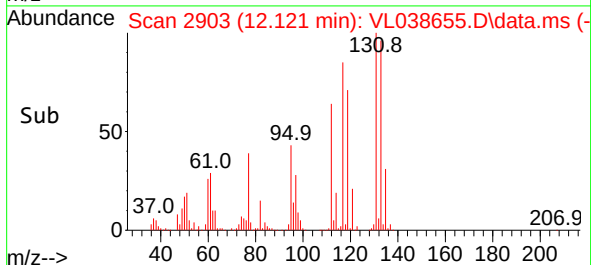
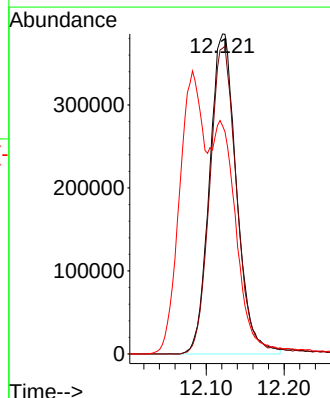
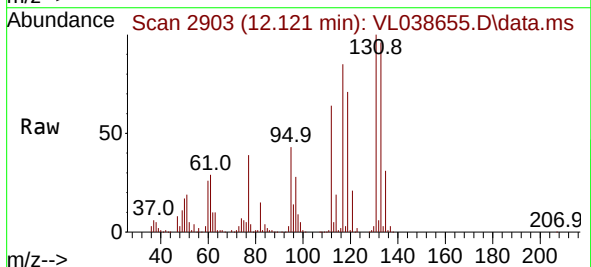
Delta R.T. 0.006 min

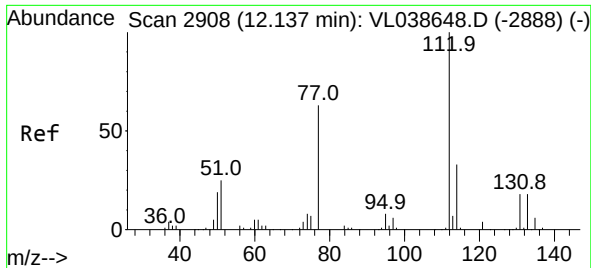
Lab File: VL038655.D

Acq: 21 Mar 2022 17:27

Tgt Ion:131 Resp: 928228

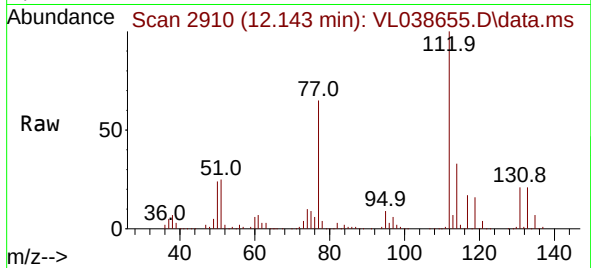
Ion	Ratio	Lower	Upper
131	100		
133	96.9	77.3	115.9
119	151.8	53.0	79.6





#57
Chlorobenzene
Concen: 9.000 ppbv
RT: 12.143 min Scan# 2908
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

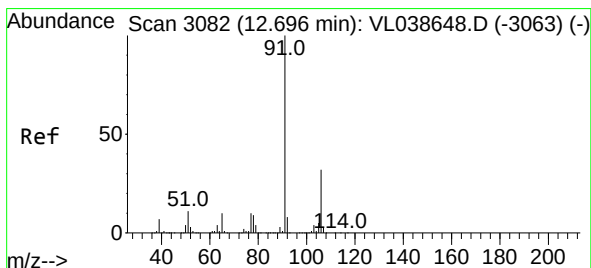
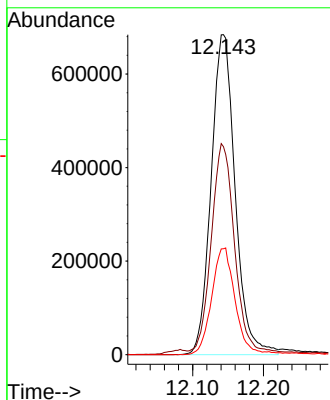
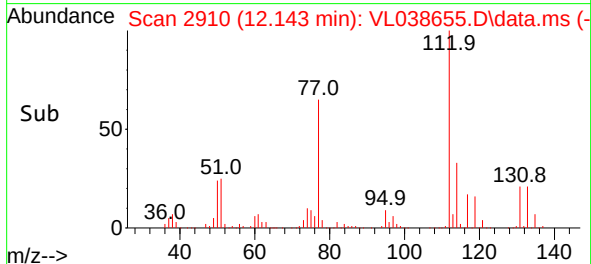
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122



Tgt Ion:112 Resp: 161306
Ion Ratio Lower Upper
112 100
77 64.0 51.0 76.6
114 33.1 29.8 36.4

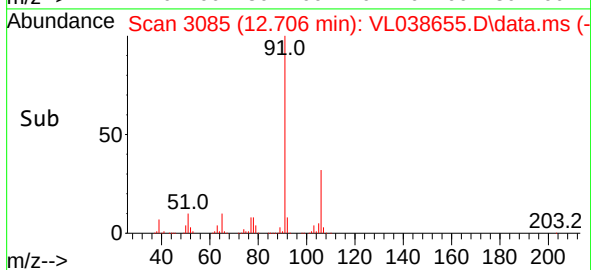
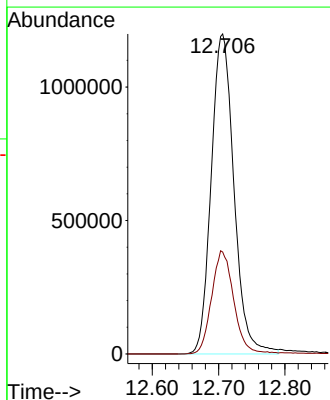
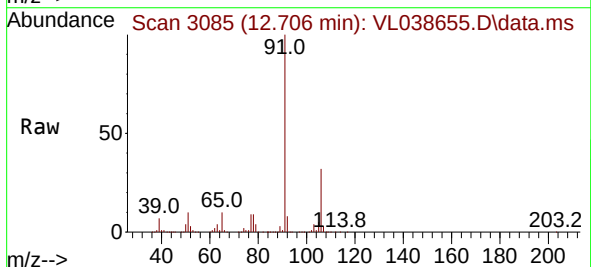
Manual Integrations
APPROVED

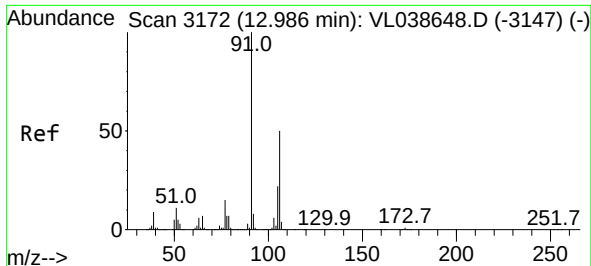
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#58
Ethyl Benzene
Concen: 9.835 ppbv
RT: 12.706 min Scan# 3085
Delta R.T. 0.010 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Tgt Ion: 91 Resp: 2857429
Ion Ratio Lower Upper
91 100
106 31.8 25.4 38.0





#59

m/p-Xylene

Concen: 18.488 ppbv m

RT: 12.989 min Scan# 3173

Delta R.T. 0.003 min

Lab File: VL038655.D

Acq: 21 Mar 2022 17:27

Instrument :

MSVOA_L

ClientSampleId :

ICVVL032122

Tgt Ion: 91 Resp: 469849

Ion Ratio Lower Upper

91 100

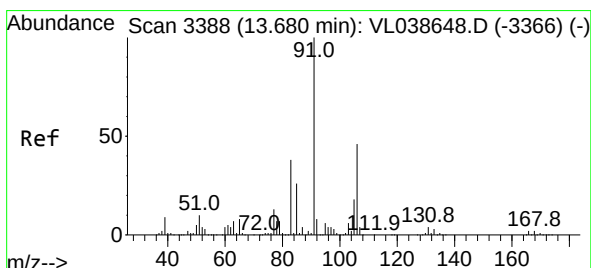
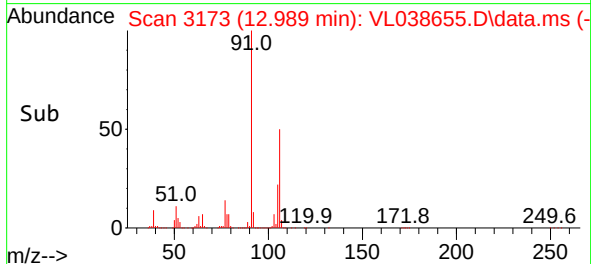
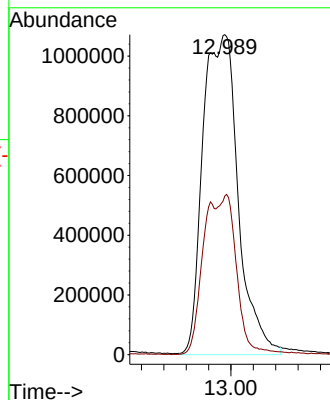
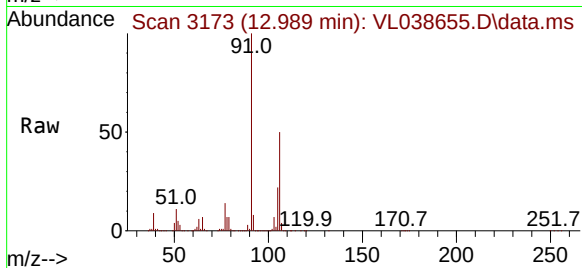
106 47.1 37.2 55.8

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022

Supervised By :Mahesh Dadoda 03/24/2022



#60

o-Xylene

Concen: 9.204 ppbv

RT: 13.687 min Scan# 3390

Delta R.T. 0.006 min

Lab File: VL038655.D

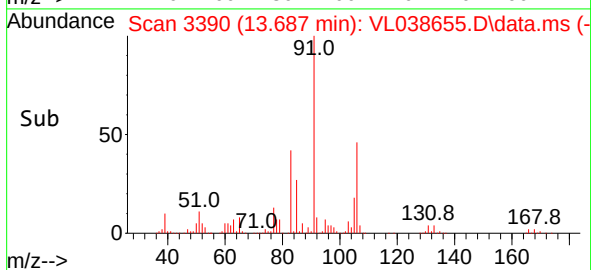
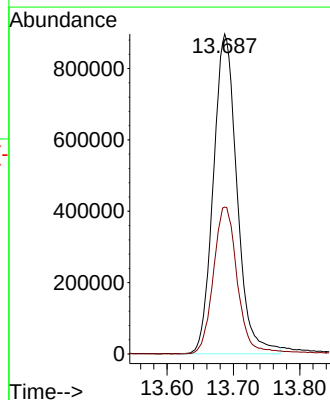
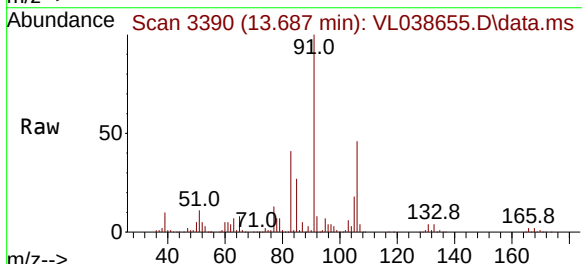
Acq: 21 Mar 2022 17:27

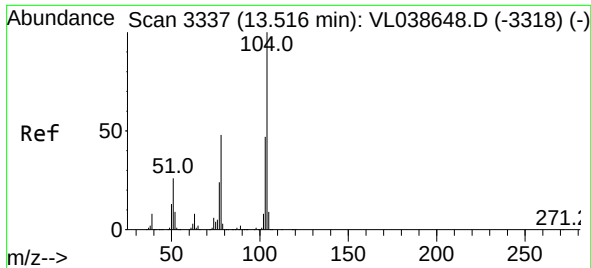
Tgt Ion: 91 Resp: 2220807

Ion Ratio Lower Upper

91 100

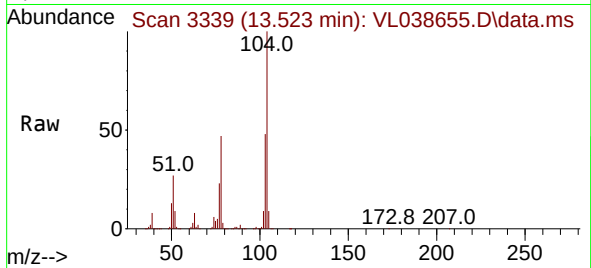
106 47.4 23.5 70.5





#61
Styrene
Concen: 10.549 ppbv
RT: 13.523 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

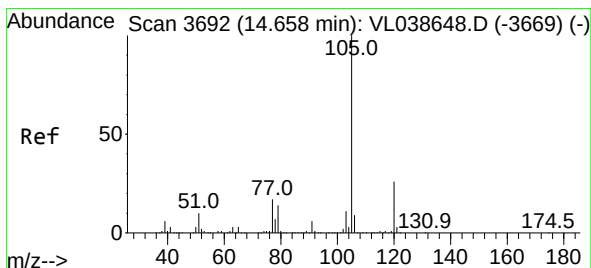
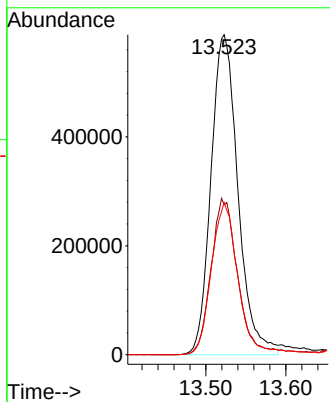
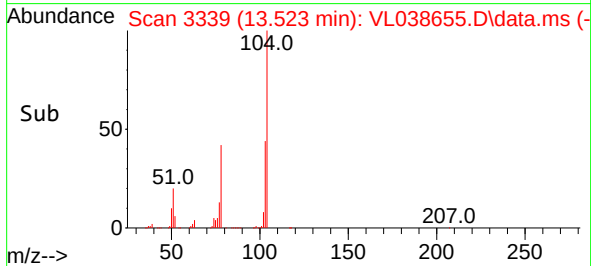
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122



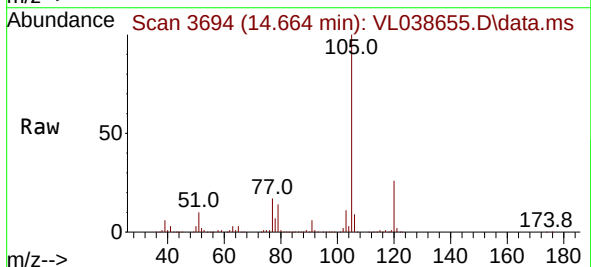
Tgt Ion:104 Resp: 138032
Ion Ratio Lower Upper
104 100
78 48.5 39.0 58.4
103 47.6 37.8 56.8

Manual Integrations
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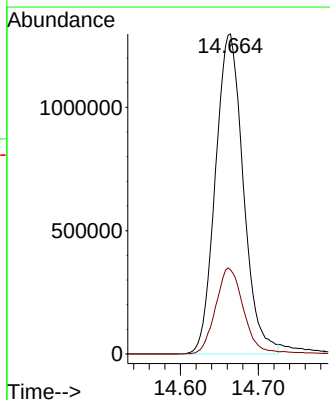
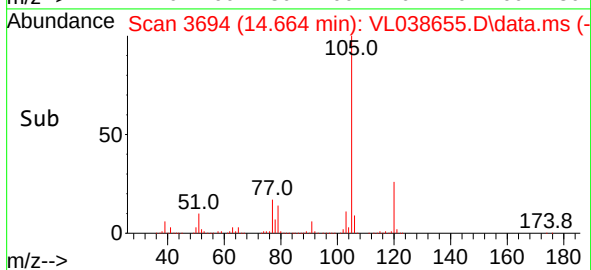
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

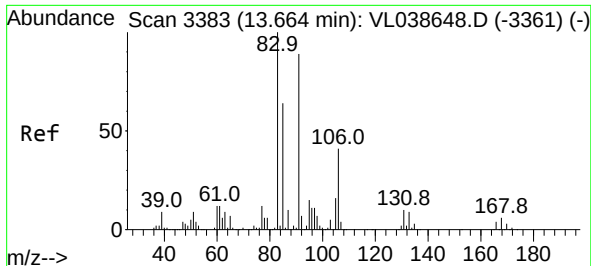


#62
Isopropylbenzene
Concen: 8.915 ppbv
RT: 14.664 min Scan# 3694
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27



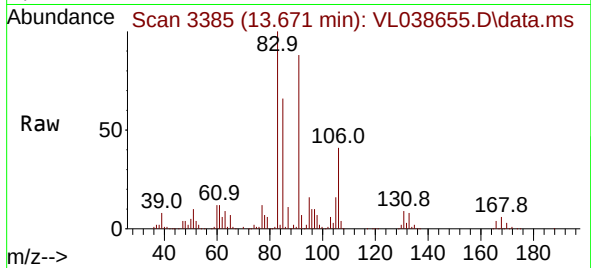
Tgt Ion:105 Resp: 3234068
Ion Ratio Lower Upper
105 100
120 27.3 21.2 31.8





#63
1,1,2,2-Tetrachloroethane
Concen: 7.767 ppbv
RT: 13.671 min Scan# 31
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

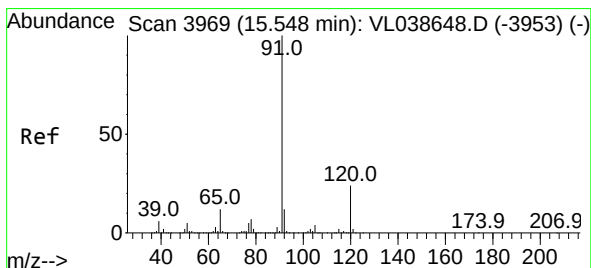
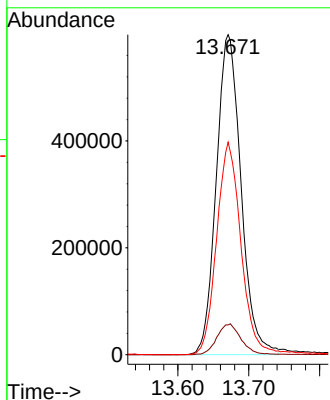
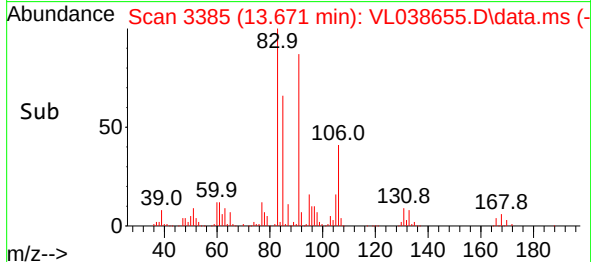
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122



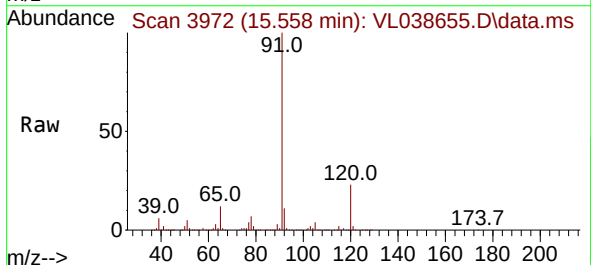
Tgt Ion: 83 Resp: 145168
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.3
85 66.4 32.6 97.8

Manual Integrations
APPROVED

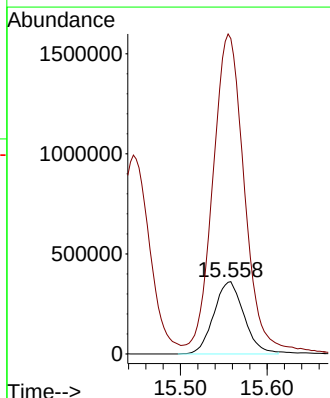
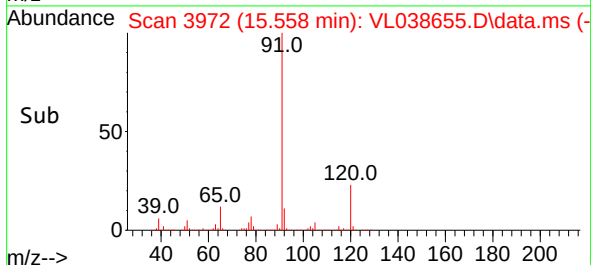
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

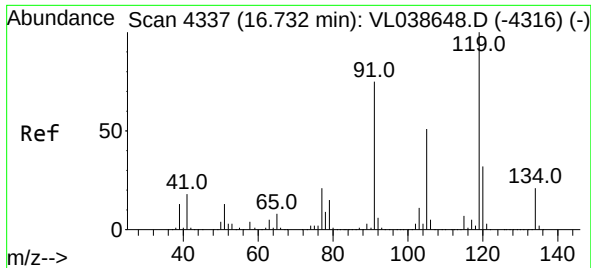


#64
n-propylbenzene
Concen: 9.172 ppbv
RT: 15.558 min Scan# 3972
Delta R.T. 0.010 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27



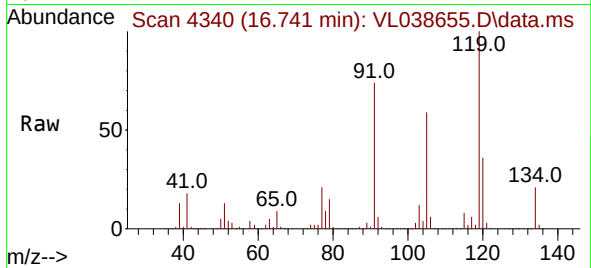
Tgt Ion:120 Resp: 873061
Ion Ratio Lower Upper
120 100
91 468.8 368.0 552.0





#65
tert-Butylbenzene
Concen: 8.802 ppbv
RT: 16.741 min Scan# 41
Delta R.T. 0.010 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

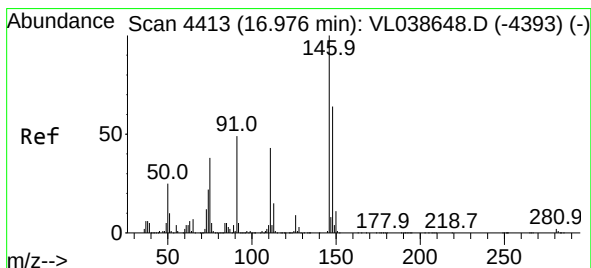
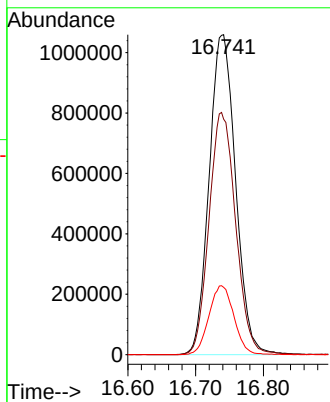
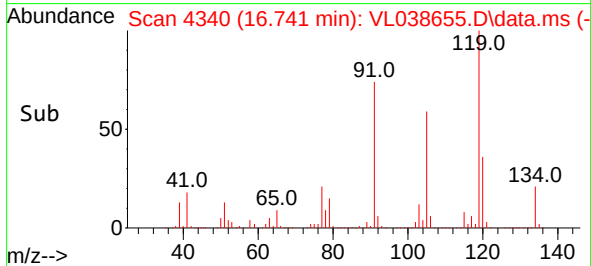
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122



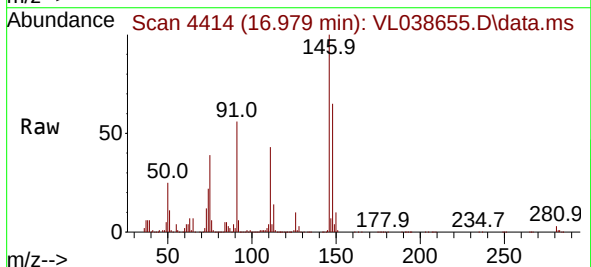
Tgt Ion: 119 Resp: 286911
Ion Ratio Lower Upper
119 100
91 76.4 61.2 91.8
134 20.4 16.3 24.5

Manual Integrations
APPROVED

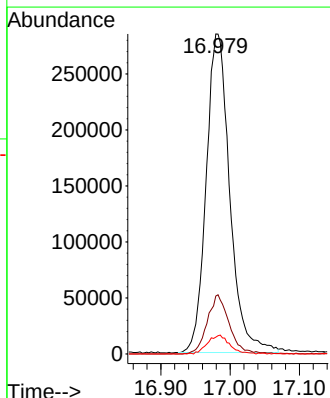
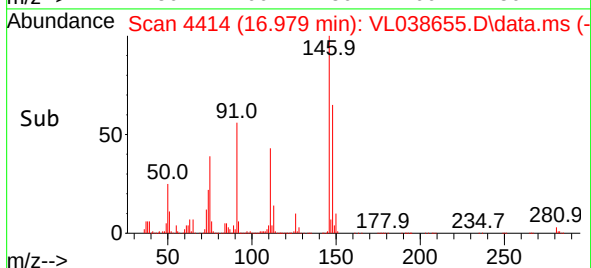
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

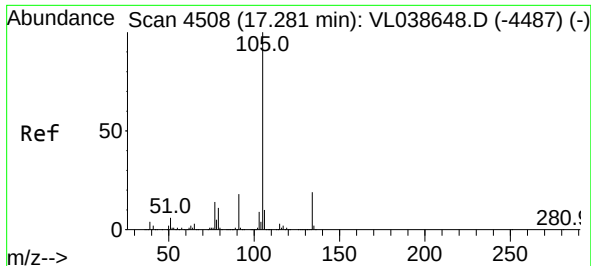


#66
Benzyl Chloride
Concen: 10.907 ppbv
RT: 16.979 min Scan# 4414
Delta R.T. 0.003 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27



Tgt Ion: 91 Resp: 673196
Ion Ratio Lower Upper
91 100
126 17.4 14.3 21.5
128 5.6 4.6 6.8





#67

sec-Butylbenzene

Concen: 8.819 ppbv

RT: 17.288 min Scan# 411097

Delta R.T. 0.006 min

Lab File: VL038655.D

Acq: 21 Mar 2022 17:27

Instrument :

MSVOA_L

ClientSampleId :

ICVVL032122

Tgt Ion:105 Resp: 411097

Ion Ratio Lower Upper

105 100

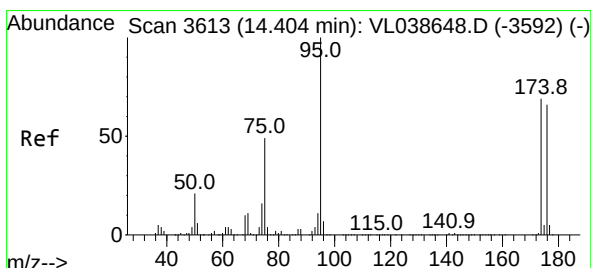
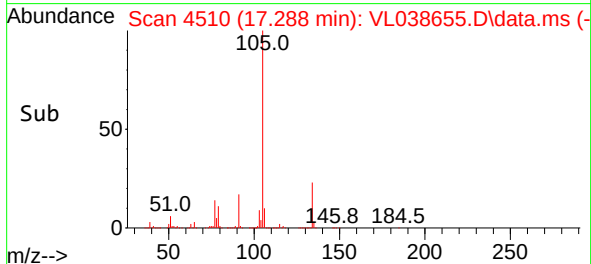
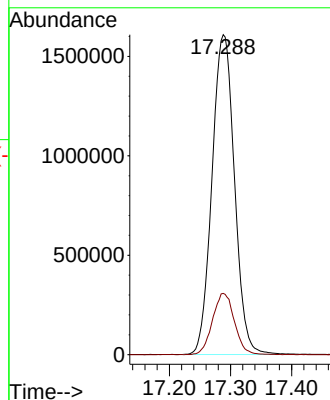
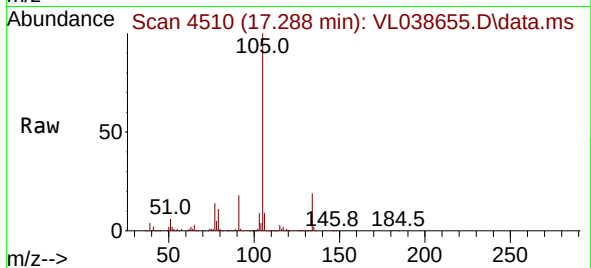
134 18.8 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022

Supervised By :Mahesh Dadoda 03/24/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 9.825 ppbv

RT: 14.410 min Scan# 3615

Delta R.T. 0.006 min

Lab File: VL038655.D

Acq: 21 Mar 2022 17:27

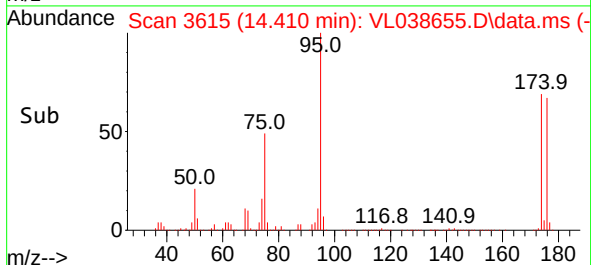
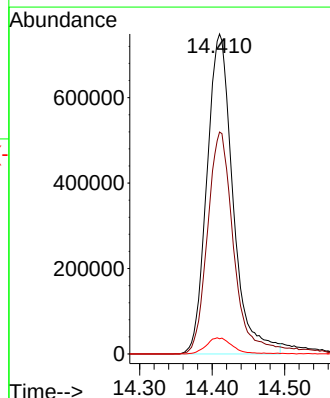
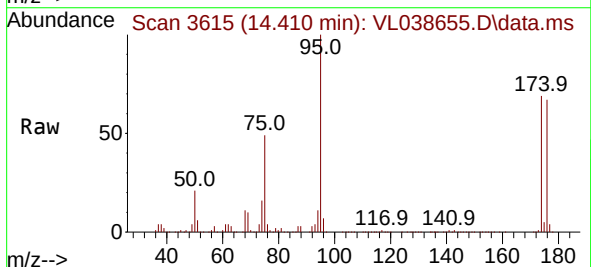
Tgt Ion: 95 Resp: 1871907

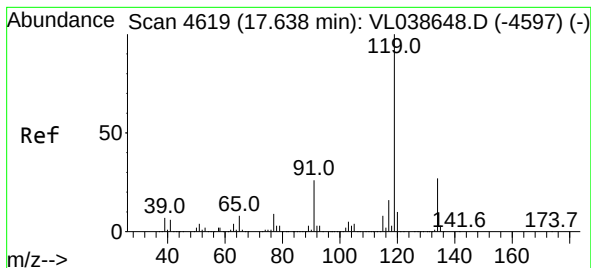
Ion Ratio Lower Upper

95 100

174 71.8 56.1 84.1

175 5.3 4.2 6.2





#69

p-Isopropyltoluene

Concen: 8.999 ppbv

RT: 17.648 min Scan# 401

Delta R.T. 0.010 min

Lab File: VL038655.D

Acq: 21 Mar 2022 17:27

Instrument :

MSVOA_L

ClientSampleId :

ICVVL032122

Tgt Ion:119 Resp: 342381

Ion Ratio Lower Upper

119 100

134 26.4 21.2 31.8

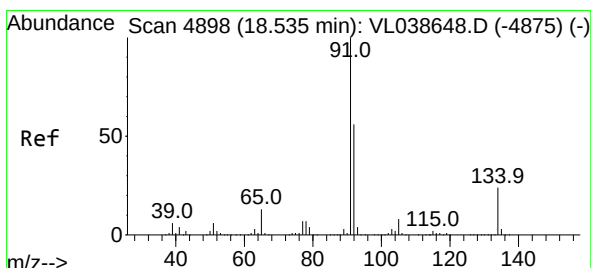
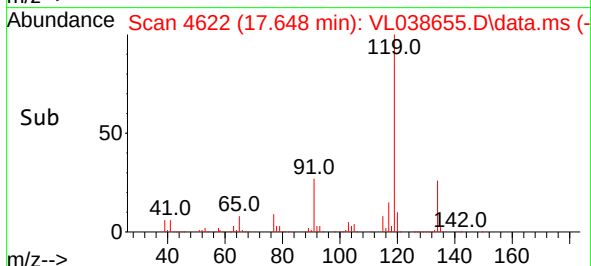
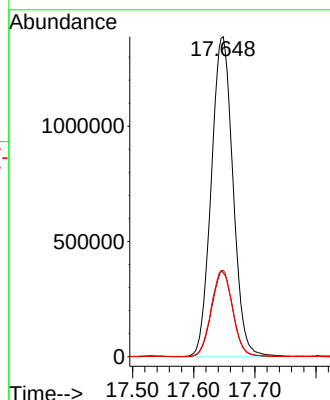
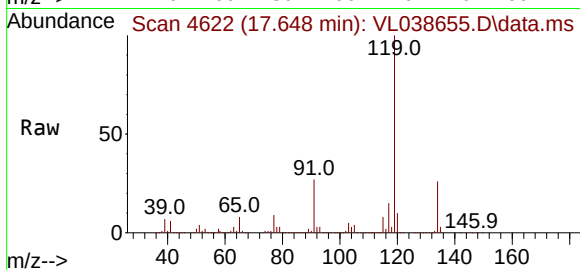
91 26.7 21.4 32.2

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022

Supervised By :Mahesh Dadoda 03/24/2022



#70

n-Butylbenzene

Concen: 9.144 ppbv

RT: 18.545 min Scan# 4901

Delta R.T. 0.010 min

Lab File: VL038655.D

Acq: 21 Mar 2022 17:27

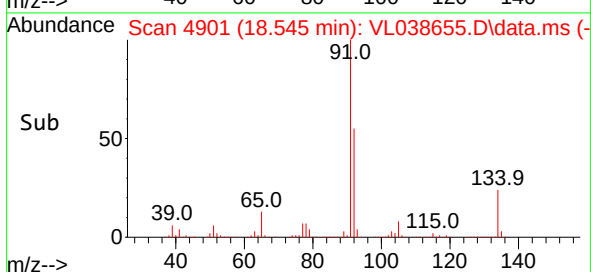
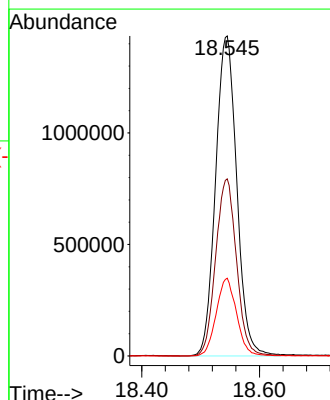
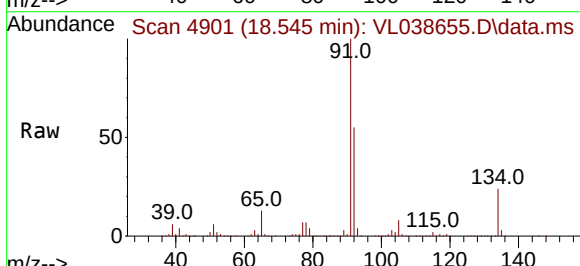
Tgt Ion: 91 Resp: 3588302

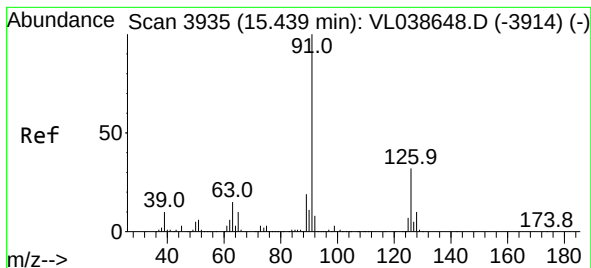
Ion Ratio Lower Upper

91 100

92 54.6 43.9 65.9

134 23.5 18.7 28.1





#71

2-Chlorotoluene

Concen: 8.968 ppbv

RT: 15.446 min Scan# 3935

Delta R.T. 0.006 min

Lab File: VL038655.D

Acq: 21 Mar 2022 17:27

Instrument :

MSVOA_L

ClientSampleId :

ICVVL032122

Tgt Ion: 91 Resp: 241458

Ion Ratio Lower Upper

91 100

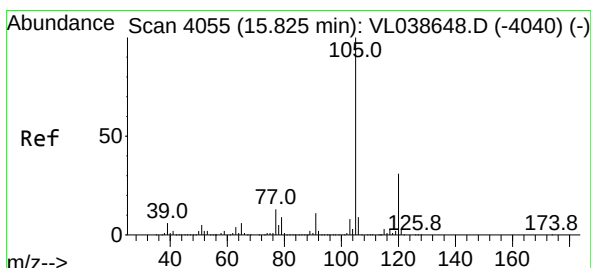
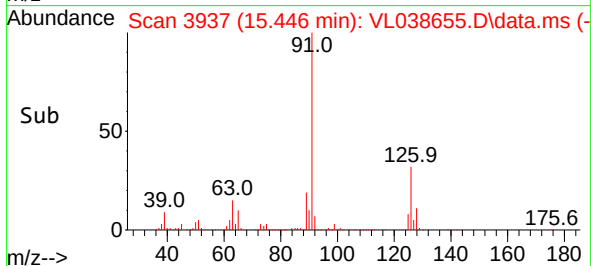
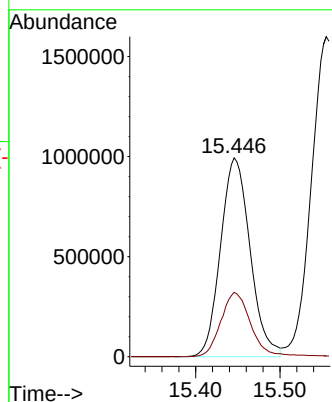
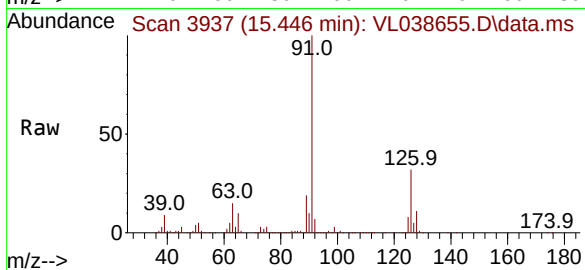
126 33.4 13.1 52.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 03/22/2022

Supervised By :Mahesh Dadoda 03/24/2022



#72

4-Ethyltoluene

Concen: 9.261 ppbv

RT: 15.831 min Scan# 4057

Delta R.T. 0.006 min

Lab File: VL038655.D

Acq: 21 Mar 2022 17:27

Tgt Ion:105 Resp: 2637984

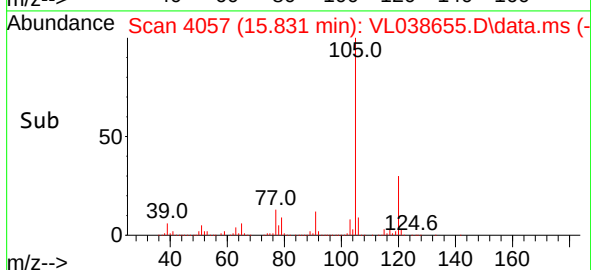
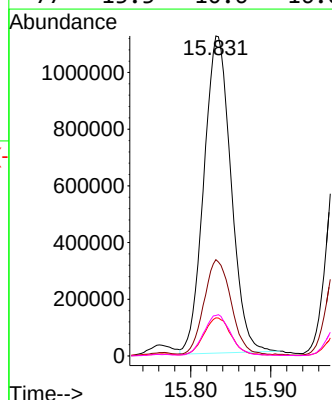
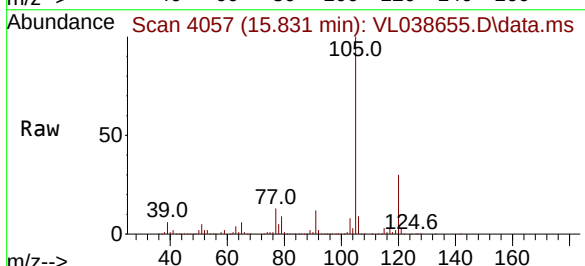
Ion Ratio Lower Upper

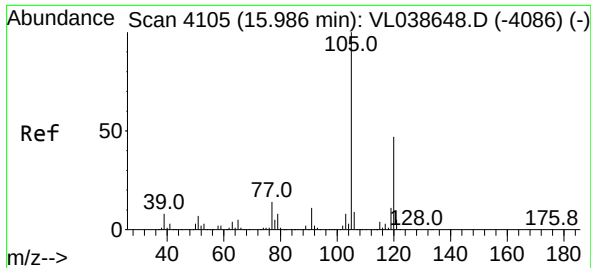
105 100

120 31.3 24.9 37.3

91 12.1 9.8 14.6

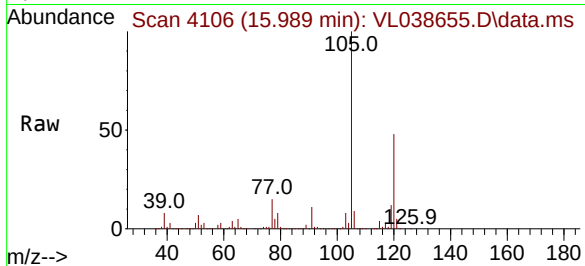
77 13.3 10.6 16.0





#73
 1,3,5-Trimethylbenzene
 Concen: 8.975 ppbv
 RT: 15.989 min Scan# 4106
 Delta R.T. 0.003 min
 Lab File: VL038655.D
 Acq: 21 Mar 2022 17:27

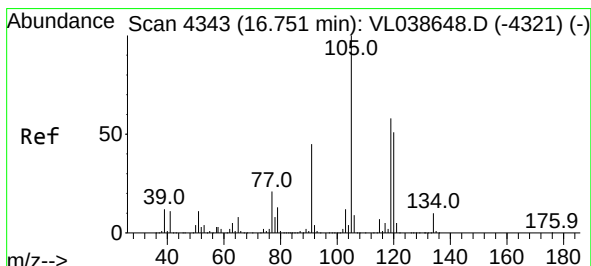
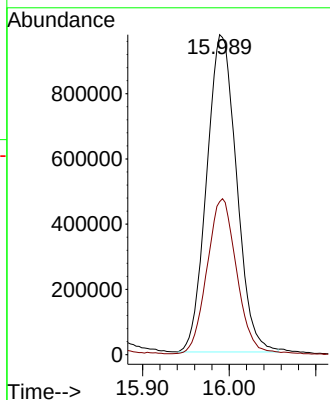
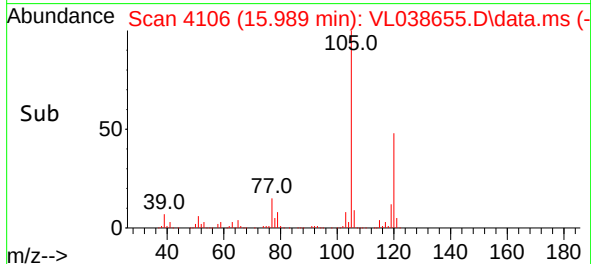
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL032122



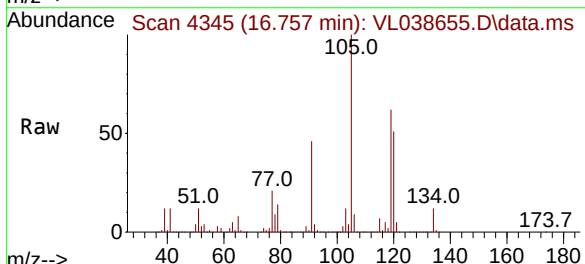
Tgt Ion:105 Resp: 2329579
 Ion Ratio Lower Upper
 105 100
 120 47.8 37.6 56.4

Manual Integrations
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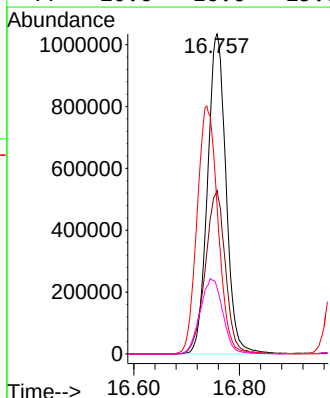
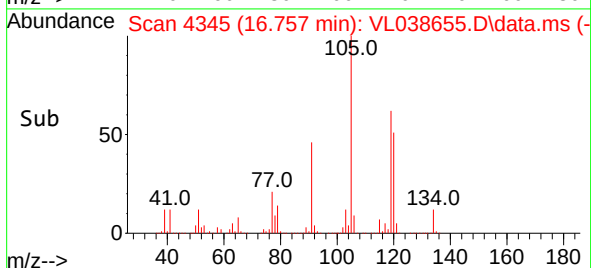
Reviewed By :Semsettin Yesilyurt 03/22/2022
 Supervised By :Mahesh Dadoda 03/24/2022

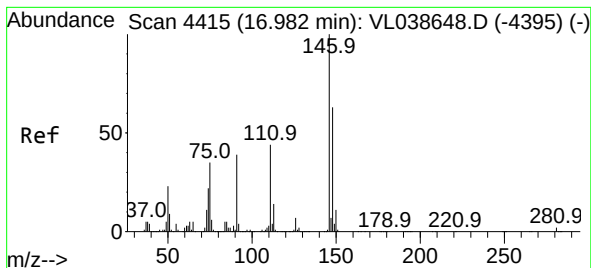


#74
 1,2,4-Trimethylbenzene
 Concen: 8.881 ppbv
 RT: 16.757 min Scan# 4345
 Delta R.T. 0.006 min
 Lab File: VL038655.D
 Acq: 21 Mar 2022 17:27



Tgt Ion:105 Resp: 2510715
 Ion Ratio Lower Upper
 105 100
 120 51.0 40.5 60.7
 91 46.2 35.9 53.9
 77 20.6 16.6 25.0





#75

1,3-Dichlorobenzene

Concen: 8.683 ppbv

RT: 16.989 min Scan# 4415

Delta R.T. 0.006 min

Lab File: VL038655.D

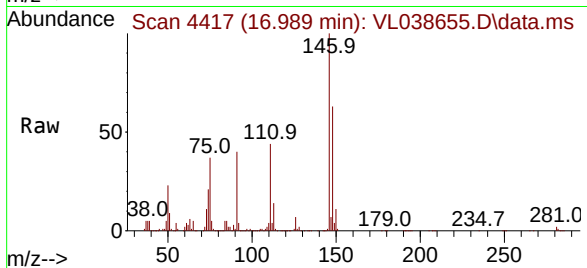
Acq: 21 Mar 2022 17:27

Instrument :

MSVOA_L

ClientSampleId :

ICVVL032122



Tgt Ion:146 Resp: 1563579

Ion Ratio Lower Upper

146 100

111 44.1 22.2 66.6

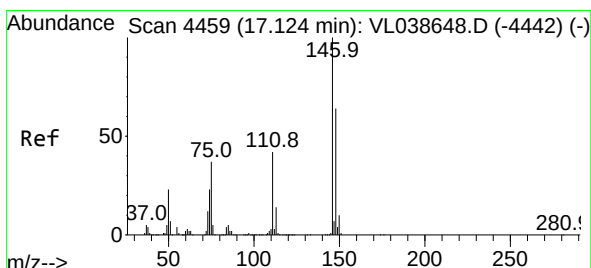
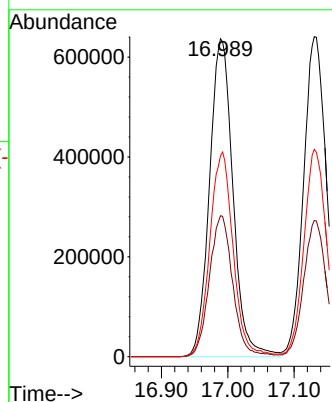
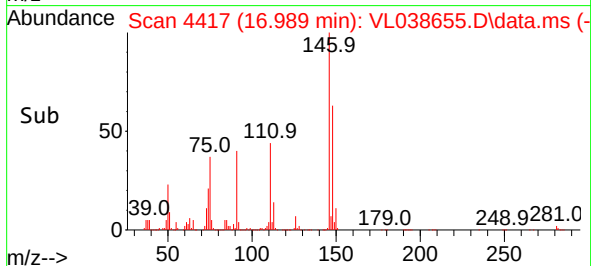
148 64.2 32.5 97.5

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 03/22/2022

Supervised By :Mahesh Dadoda 03/24/2022



#76

1,4-Dichlorobenzene

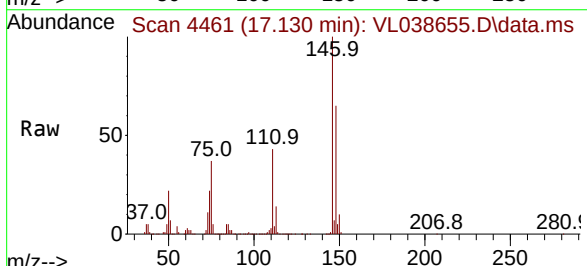
Concen: 8.462 ppbv

RT: 17.130 min Scan# 4461

Delta R.T. 0.006 min

Lab File: VL038655.D

Acq: 21 Mar 2022 17:27



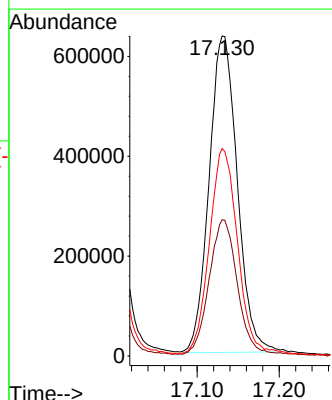
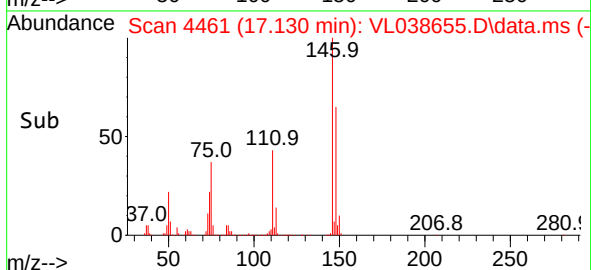
Tgt Ion:146 Resp: 1515396

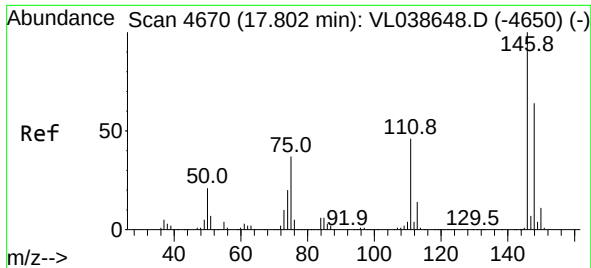
Ion Ratio Lower Upper

146 100

111 44.5 21.4 64.2

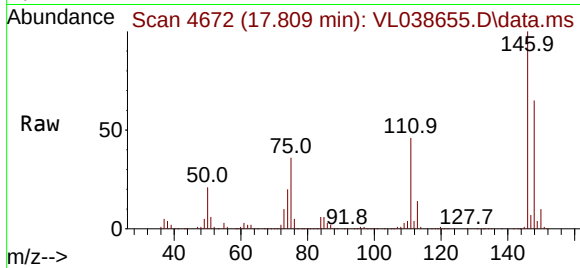
148 66.9 32.1 96.3





#77
1,2-Dichlorobenzene
Concen: 8.639 ppbv
RT: 17.809 min Scan# 4670
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

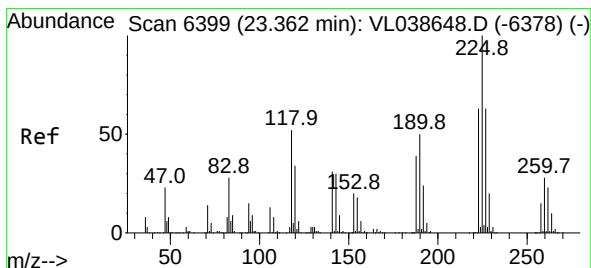
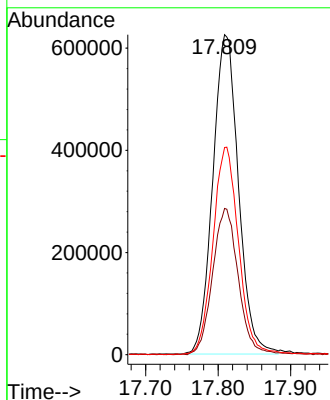
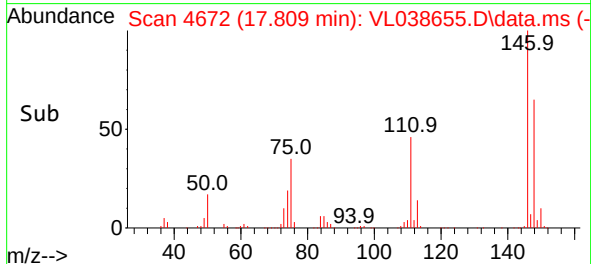
Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122



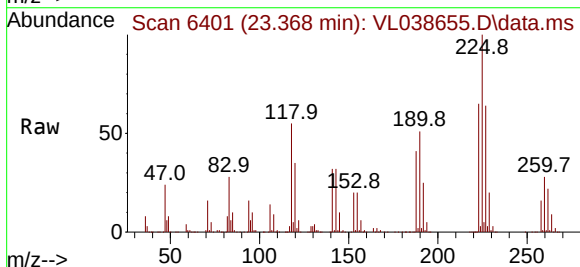
Tgt Ion:146 Resp: 1541059
Ion Ratio Lower Upper
146 100
111 46.0 22.8 68.4
148 65.6 32.5 97.4

Manual Integrations
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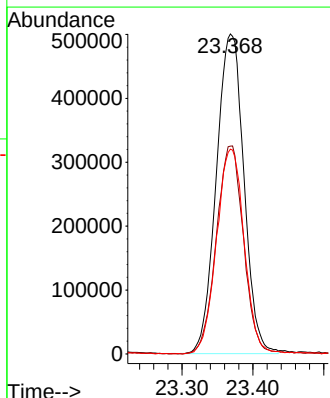
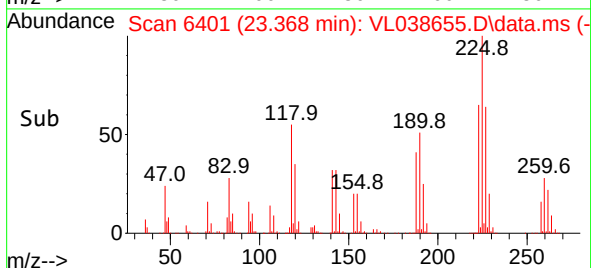
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022

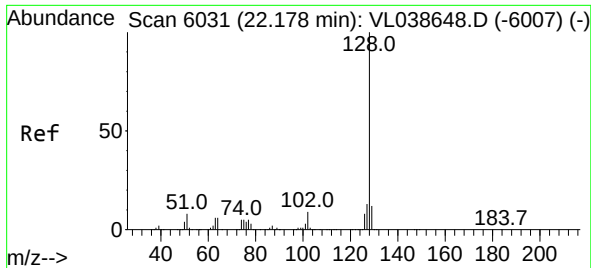


#78
Hexachloro-1,3-Butadiene
Concen: 8.208 ppbv
RT: 23.368 min Scan# 6401
Delta R.T. 0.006 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27



Tgt Ion:225 Resp: 1353375
Ion Ratio Lower Upper
225 100
223 64.4 51.0 76.6
227 64.9 51.5 77.3





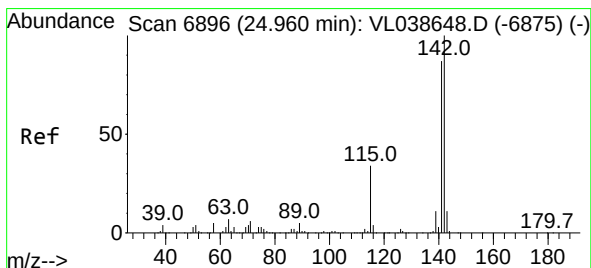
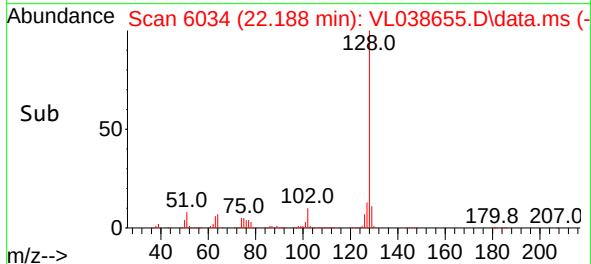
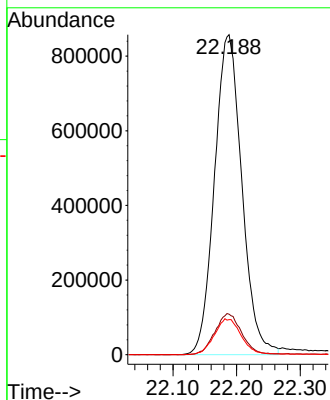
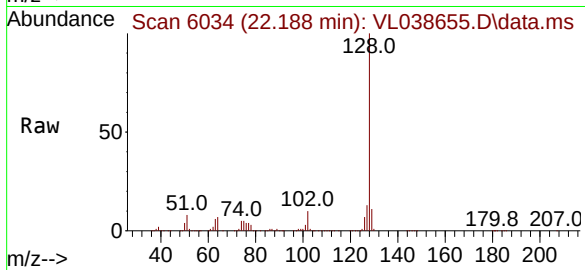
#79
Naphthalene
Concen: 11.838 ppbv
RT: 22.188 min Scan# 6031
Delta R.T. 0.010 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

Instrument :
MSVOA_L
ClientSampleId :
ICVVL032122

Tgt Ion:128 Resp: 2557070
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.4
129 11.0 9.2 13.8

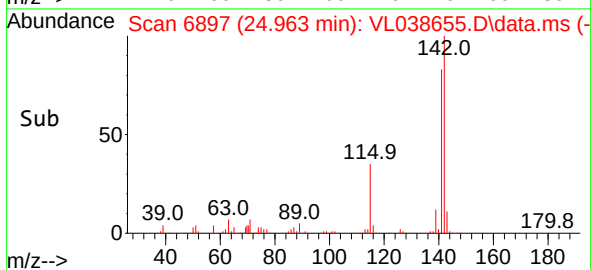
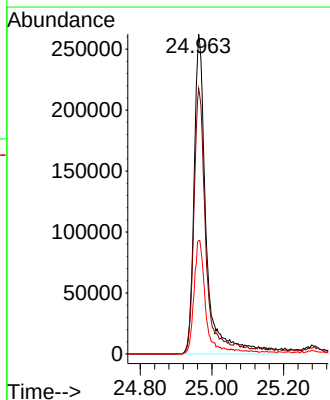
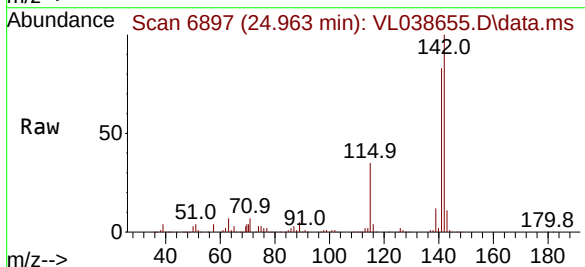
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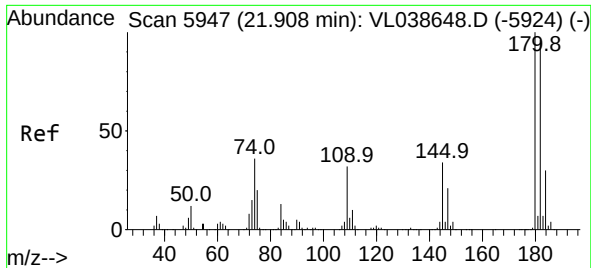
Reviewed By :Semsettin Yesilyurt 03/22/2022
Supervised By :Mahesh Dadoda 03/24/2022



#80
Naphthalene,2-methyl-
Concen: 10.763 ppbv
RT: 24.963 min Scan# 6897
Delta R.T. 0.004 min
Lab File: VL038655.D
Acq: 21 Mar 2022 17:27

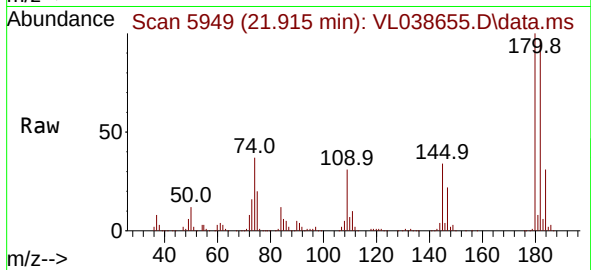
Tgt Ion:142 Resp: 623393
Ion Ratio Lower Upper
142 100
141 82.2 66.4 99.6
115 35.6 27.8 41.6





#81
 1,2,4-Trichlorobenzene
 Concen: 9.857 ppbv
 RT: 21.915 min Scan# 5949
 Delta R.T. 0.007 min
 Lab File: VL038655.D
 Acq: 21 Mar 2022 17:27

Instrument : MSVOA_L
 ClientSampleId : ICVVL032122



Tgt Ion:180 Resp: 145752
 Ion Ratio Lower Upper
 180 100
 182 99.5 79.2 118.8
 184 31.6 24.8 37.2

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 Supervised By :Mahesh Dadoda 03/24/2022

