

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL040522\
 Data File : VL038819.D
 Acq On : 5 Apr 2022 20:22
 Operator : SY/AP
 Sample : VSTDICV010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL040522

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/07/2022
 Supervised By : Mahesh Dadoda 04/07/2022

Quant Time: Apr 05 21:02:49 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Apr 05 2022

QLast Update : Tue Apr 05 20:28:48 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.665	49	1429136	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.173	114	3912074	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	3448712m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.404 95 2742937 10.485 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 104.900%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.051	85	1945679	9.598	ppbv	99
3) Chlorodifluoromethane	2.993	51	1649341	9.456	ppbv	99
4) Chloromethane	3.144	50	849372	10.185	ppbv	95
5) Vinyl Chloride	3.260	62	795750	9.536	ppbv	97
6) Bromomethane	3.475	94	376959	9.337	ppbv	97
7) Chloroethane	3.559	64	266878	9.590	ppbv	99
8) Dichlorotetrafluoroethane	3.189	85	1806395	9.539	ppbv	98
9) Propene	3.012	41	881585	9.553	ppbv	97
10) Heptane	8.118	43	2221758	10.202	ppbv	100
11) Trichlorofluoromethane	3.951	101	1574835	9.668	ppbv	96
12) 1,1,2-Trichlorotrifluo...	4.485	101	1197016	9.593	ppbv	99
13) Ethanol	3.600	45	44926m	8.011	ppbv	
14) Bromoethene	3.742	108	513021	9.349	ppbv	99
15) Acetone	3.848	43	1273412	8.950	ppbv	99
16) 1,3-Butadiene	3.327	39	791332	9.729	ppbv	99
17) tert-Butyl alcohol	4.282	59	1280171	10.033	ppbv	99
18) 1,1-Dichloroethene	4.292	96	538598	9.469	ppbv	99
19) Isopropyl Alcohol	3.964	45	698235	9.602	ppbv #	100
20) Methylene Chloride	4.343	84	442585	8.577	ppbv	99
21) Allyl Chloride	4.411	41	982393	9.221	ppbv	99
22) trans-1,2-Dichloroethene	4.883	96	567547	9.855	ppbv	94
23) Vinyl Acetate	5.070	43	1389743	10.030	ppbv	98
24) 1,1-Dichloroethane	5.012	63	1191607	9.516	ppbv	100
25) Ethyl Acetate	5.671	43	3527768	9.772	ppbv	100
26) Hexane	5.684	57	1571155	9.561	ppbv	97
27) Carbon Disulfide	4.549	76	1532928	10.172	ppbv	97
28) Methyl tert-Butyl Ether	5.031	73	1209361	9.529	ppbv	100
29) Chloroform	5.751	83	2249627	9.784	ppbv	96
30) Cyclohexane	7.128	84	1350705	9.326	ppbv	99
31) cis-1,2-Dichloroethene	5.549	61	1482900	9.814	ppbv	99
32) 1,1,1-Trichloroethane	6.507	97	2243653	9.685	ppbv	99
34) 2-Butanone	5.240	43	1523310	9.854	ppbv	99
35) Carbon Tetrachloride	7.015	117	2292786	9.776	ppbv	98
36) Benzene	6.886	78	3311271	9.304	ppbv	98
37) 1,2-Dichloroethane	6.304	62	1631539	10.027	ppbv	99
38) Trichloroethene	7.832	130	1304861	8.936	ppbv	98
39) 1,2-Dichloropropane	7.607	63	1318068	9.683	ppbv	99
40) 1,4-Dioxane	7.828	88	398348m	8.618	ppbv	
41) Tetrahydrofuran	6.044	42	1429106	9.734	ppbv	98
42) Bromodichloromethane	7.787	83	2539995	9.885	ppbv	99
43) Methyl Methacrylate	8.009	69	1381077	10.132	ppbv	100
44) 2,2,4-Trimethylpentane	7.867	57	5526794	9.173	ppbv	99
45) t-1,3-Dichloropropene	9.272	75	1500990	10.531	ppbv	100

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

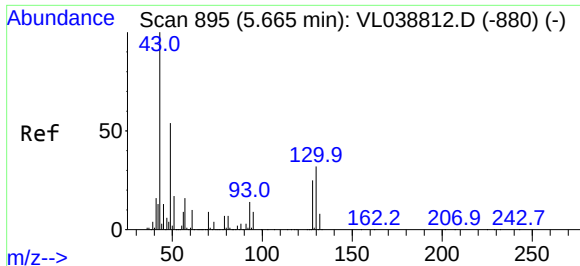
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Apr 05 2022

QLast Update : Tue Apr 05 20:28:48 2022

Response via : Initial Calibration

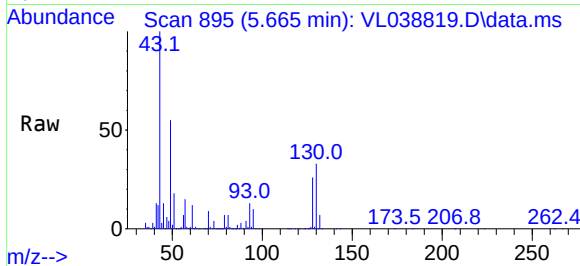
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.697	75	1880173	10.006	ppbv	100
47) 1,1,2-Trichloroethane	9.471	97	1342107	9.622	ppbv	97
48) Dibromochloromethane	10.298	129	2164435	9.901	ppbv	97
49) Bromoform	13.034	173	1710777	9.881	ppbv	99
50) 4-Methyl-2-Pentanone	8.732	43	3431037	9.868	ppbv	98
51) 2-Hexanone	10.124	43	2706337	10.330	ppbv	100
52) Tetrachloroethene	11.214	164	1109043	8.921	ppbv	98
53) Toluene	9.799	91	3869379	9.418	ppbv	100
54) 1,2-Dibromoethane	10.603	107	1900053	9.807	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.118	131	1503829	9.950	ppbv	98
57) Chlorobenzene	12.140	112	2754014	9.750	ppbv	98
58) Ethyl Benzene	12.700	91	5095084	9.887	ppbv	98
59) m/p-Xylene	12.989	91	8365045m	19.321	ppbv	
60) o-Xylene	13.687	91	3934349	9.711	ppbv	98
61) Styrene	13.520	104	2506638	10.156	ppbv	99
62) Isopropylbenzene	14.661	105	5800100	9.538	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.667	83	2499445	9.741	ppbv	99
64) n-propylbenzene	15.552	120	1571640	9.954	ppbv	96
65) tert-Butylbenzene	16.735	119	5020424	9.306	ppbv	99
66) Benzyl Chloride	16.976	91	1047741	9.539	ppbv	99
67) sec-Butylbenzene	17.285	105	7204970	9.517	ppbv	100
69) p-Isopropyltoluene	17.642	119	6022526	9.689	ppbv	100
70) n-Butylbenzene	18.535	91	6329287	10.107	ppbv	99
71) 2-Chlorotoluene	15.442	91	4464543	9.764	ppbv	99
72) 4-Ethyltoluene	15.828	105	4886752	10.102	ppbv	99
73) 1,3,5-Trimethylbenzene	15.986	105	4318175	9.937	ppbv	97
74) 1,2,4-Trimethylbenzene	16.754	105	4452662	9.692	ppbv	97
75) 1,3-Dichlorobenzene	16.986	146	2601039	9.751	ppbv	99
76) 1,4-Dichlorobenzene	17.127	146	2562668	9.753	ppbv	99
77) 1,2-Dichlorobenzene	17.806	146	2586972	9.839	ppbv	99
78) Hexachloro-1,3-Butadiene	23.362	225	1781095	8.573	ppbv	99
79) Naphthalene	22.178	128	3669892	10.679	ppbv	99
80) Naphthalene,2-methyl-	24.960	142	987990	11.667	ppbv	94
81) 1,2,4-Trichlorobenzene	21.912	180	1995231	9.921	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.665 min Scan# 895
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

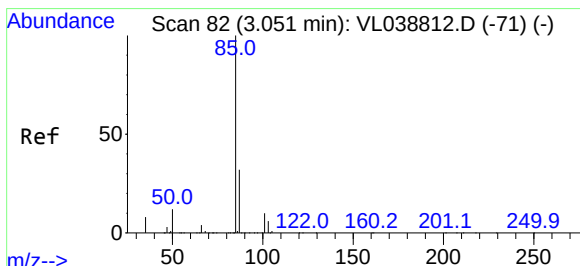
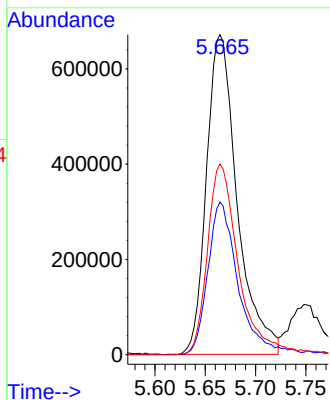
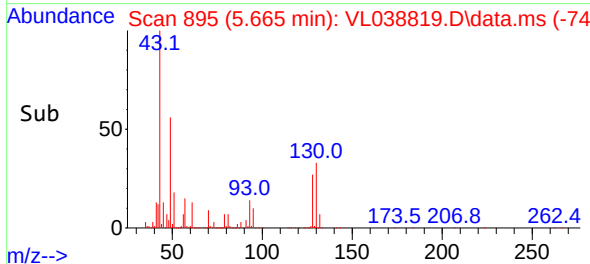
Instrument : MSVOA_L
ClientSampleId : ICVVL040522



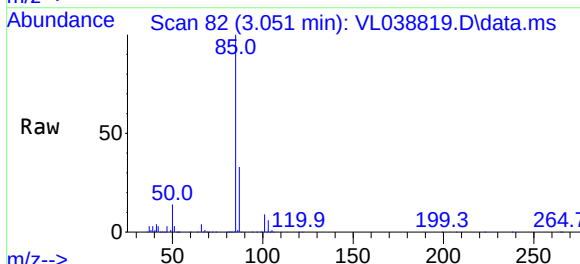
Tgt Ion: 49 Resp: 1429130
Ion Ratio Lower Upper
49 100
128 48.4 24.1 72.3
130 61.3 30.9 92.8

Manual Integrations
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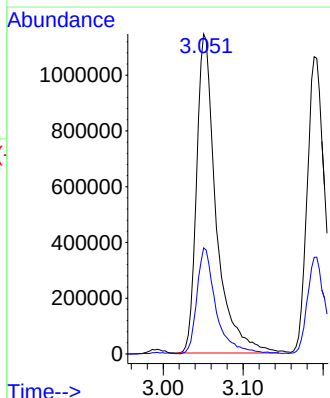
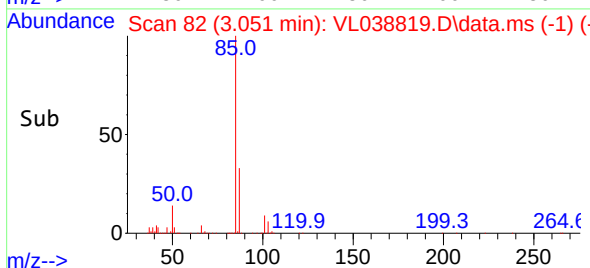
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

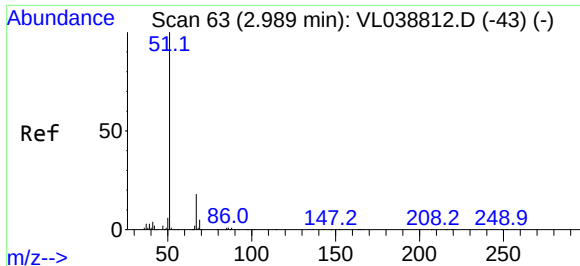


#2
Dichlorodifluoromethane
Concen: 9.598 ppbv
RT: 3.051 min Scan# 82
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22



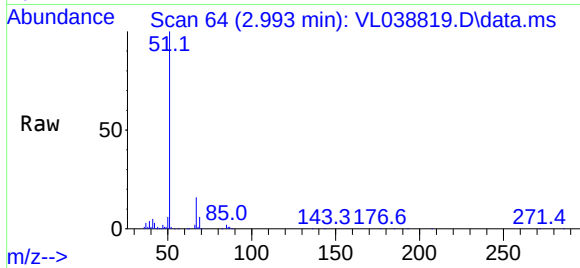
Tgt Ion: 85 Resp: 1945679
Ion Ratio Lower Upper
85 100
87 33.2 25.9 38.9





#3
Chlorodifluoromethane
Concen: 9.456 ppbv
RT: 2.993 min Scan# 64
Delta R.T. 0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

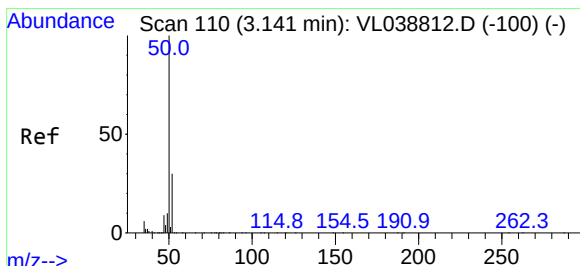
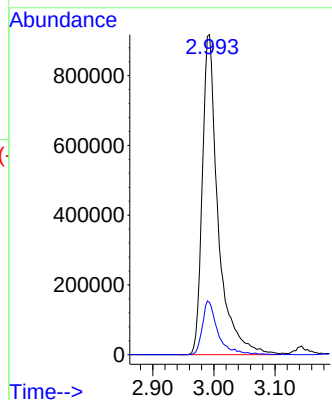
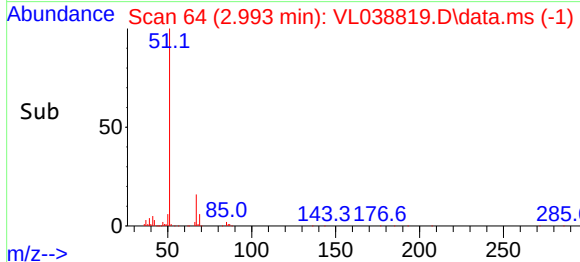
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040522



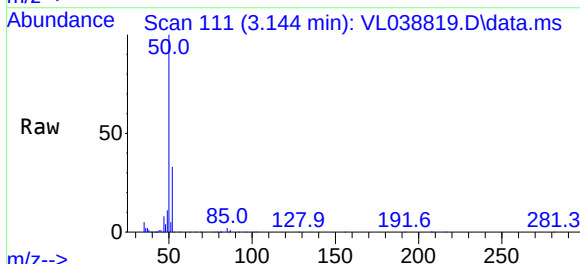
Tgt Ion: 51 Resp: 164934
Ion Ratio Lower Upper
51 100
67 16.5 13.4 20.0

Manual Integrations
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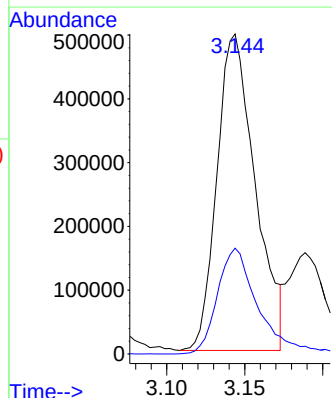
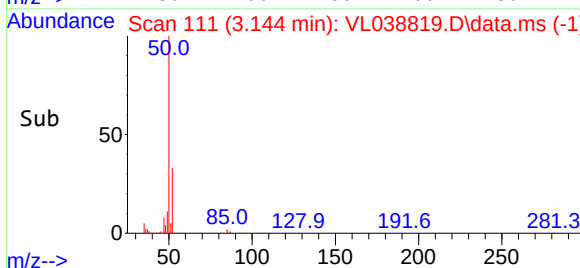
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

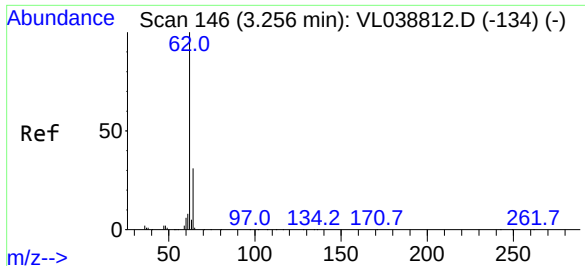


#4
Chloromethane
Concen: 10.185 ppbv
RT: 3.144 min Scan# 111
Delta R.T. 0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22



Tgt Ion: 50 Resp: 849372
Ion Ratio Lower Upper
50 100
52 33.4 24.3 36.5





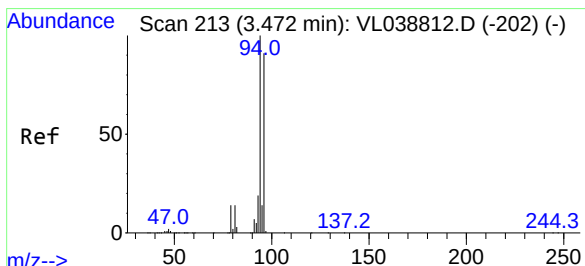
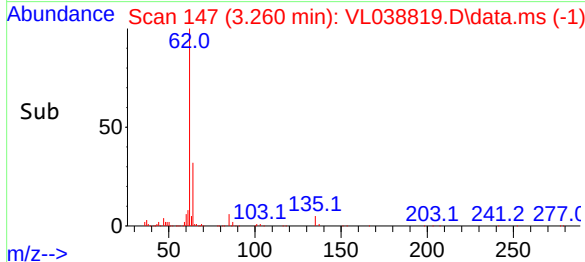
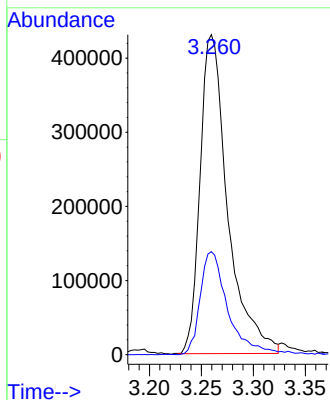
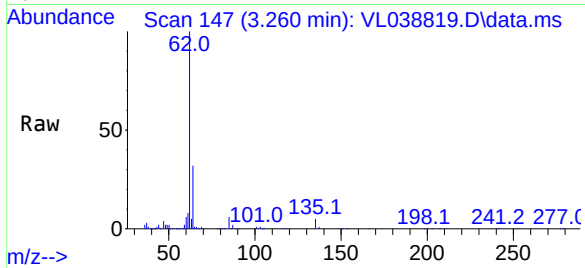
#5
 Vinyl Chloride
 Concen: 9.536 ppbv
 RT: 3.260 min Scan# 146
 Delta R.T. 0.003 min
 Lab File: VL038819.D
 Acq: 5 Apr 2022 20:22

Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL040522

Tgt Ion: 62 Resp: 795750
 Ion Ratio Lower Upper
 62 100
 64 32.4 24.6 37.0

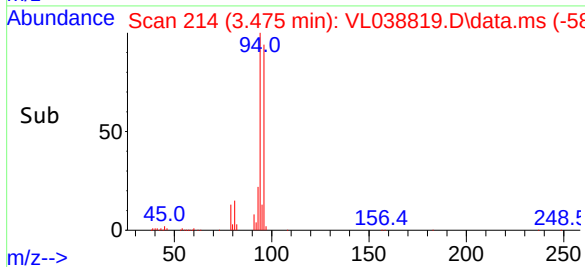
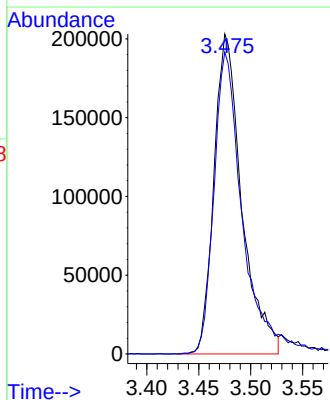
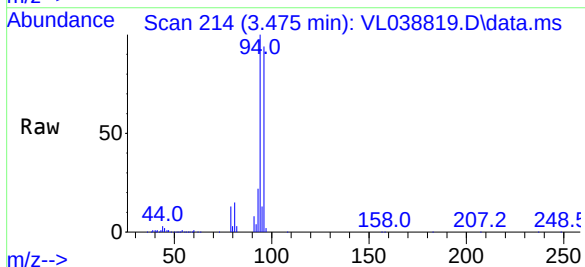
Manual Integrations
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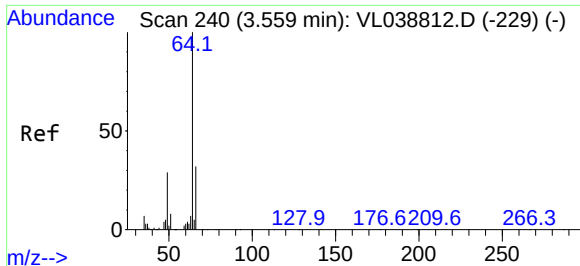
Reviewed By :Semsettin Yesilyurt 04/07/2022
 Supervised By :Mahesh Dadoda 04/07/2022



#6
 Bromomethane
 Concen: 9.337 ppbv
 RT: 3.475 min Scan# 214
 Delta R.T. 0.003 min
 Lab File: VL038819.D
 Acq: 5 Apr 2022 20:22

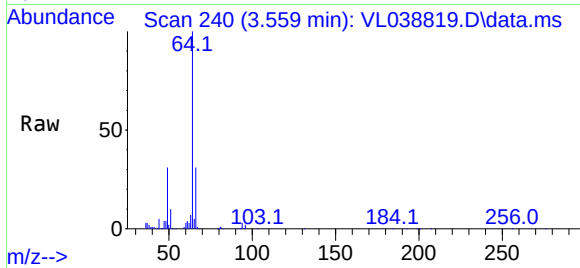
Tgt Ion: 94 Resp: 376959
 Ion Ratio Lower Upper
 94 100
 96 94.3 73.2 109.8





#7
Chloroethane
Concen: 9.590 ppbv
RT: 3.559 min Scan# 240
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

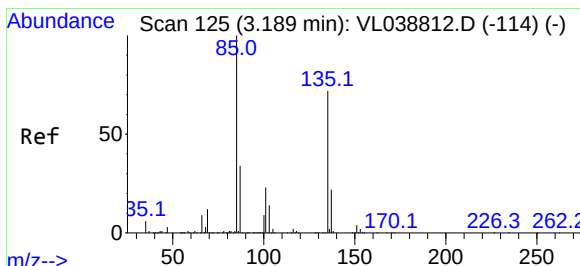
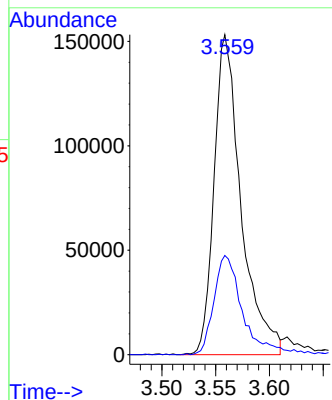
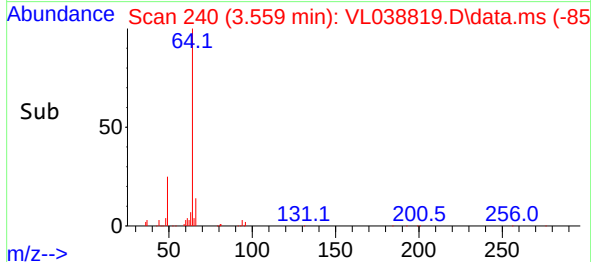
Instrument : MSVOA_L
ClientSampleId : ICVVL040522



Tgt Ion: 64 Resp: 266878
Ion Ratio Lower Upper
64 100
66 31.0 25.4 38.2

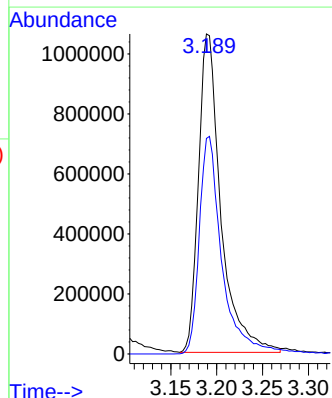
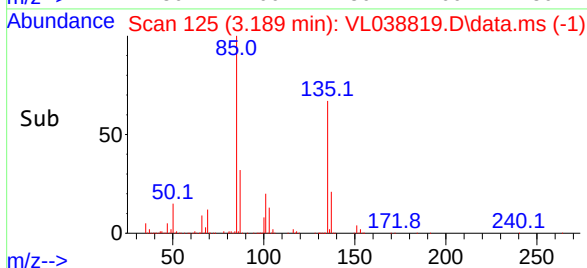
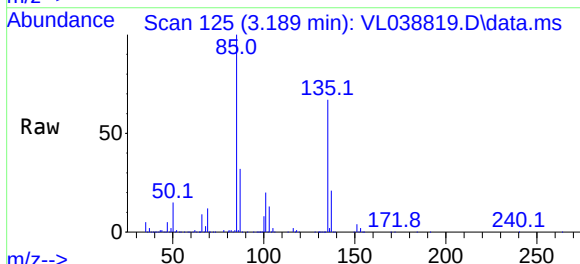
Manual Integrations
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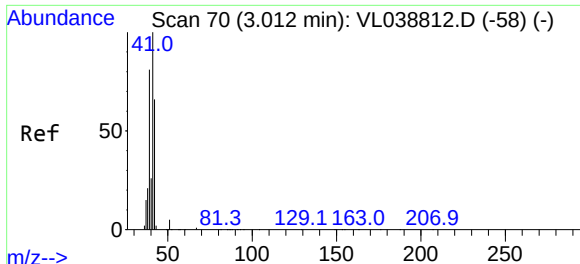
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#8
Dichlorotetrafluoroethane
Concen: 9.539 ppbv
RT: 3.189 min Scan# 125
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

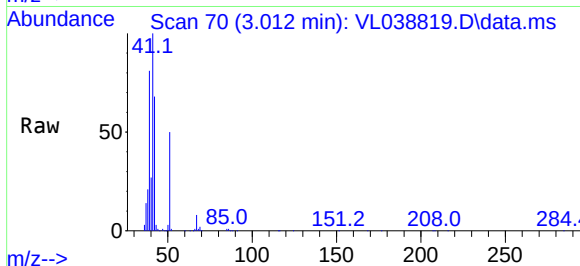
Tgt Ion: 85 Resp: 1806395
Ion Ratio Lower Upper
85 100
135 69.7 57.0 85.6





#9
 Propene
 Concen: 9.553 ppbv
 RT: 3.012 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VL038819.D
 Acq: 5 Apr 2022 20:22

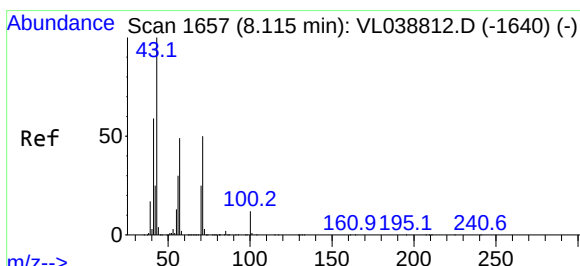
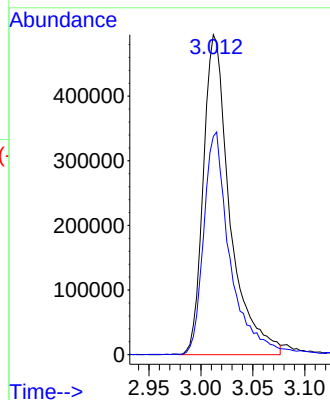
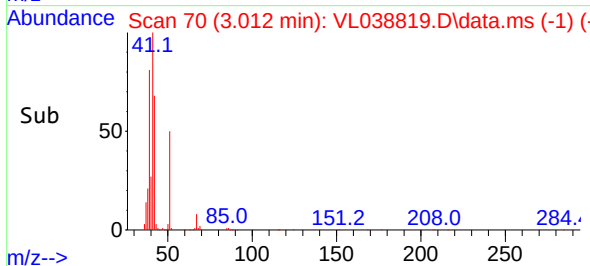
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL040522



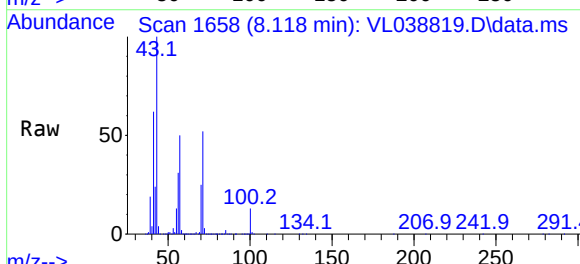
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 Ion Ratio Lower Upper
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 42 70.4 54.2 81.4

Manual Integrations
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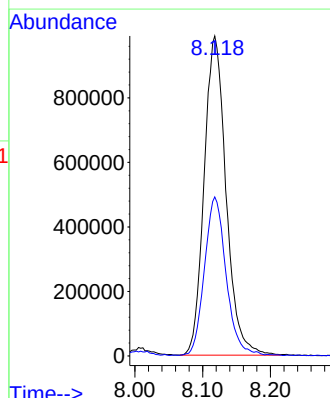
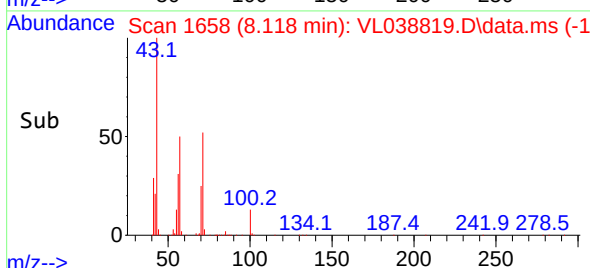
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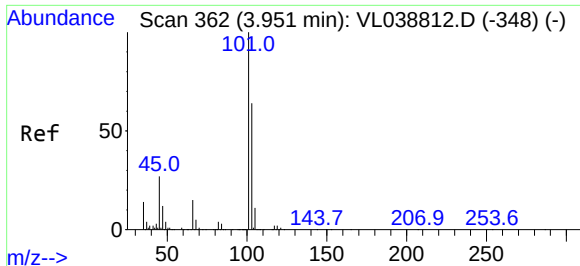


#10
 Heptane
 Concen: 10.202 ppbv
 RT: 8.118 min Scan# 1658
 Delta R.T. 0.003 min
 Lab File: VL038819.D
 Acq: 5 Apr 2022 20:22



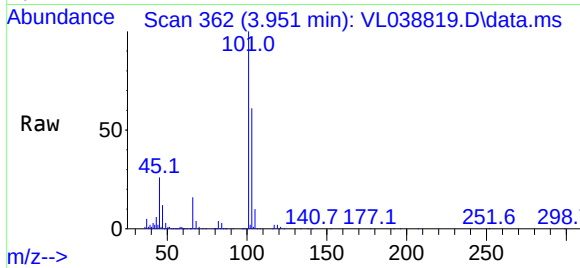
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 Ion Ratio Lower Upper
 43 100
 57 49.1 39.3 58.9





#11
 Trichlorofluoromethane
 Concen: 9.668 ppbv
 RT: 3.951 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VL038819.D
 Acq: 5 Apr 2022 20:22

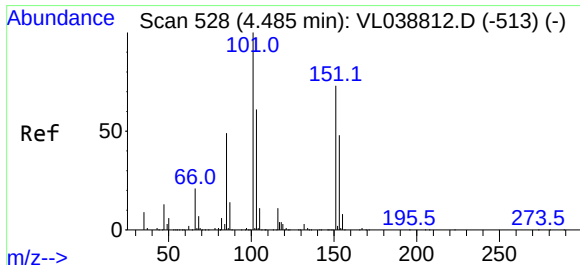
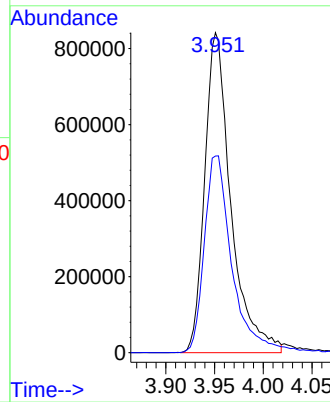
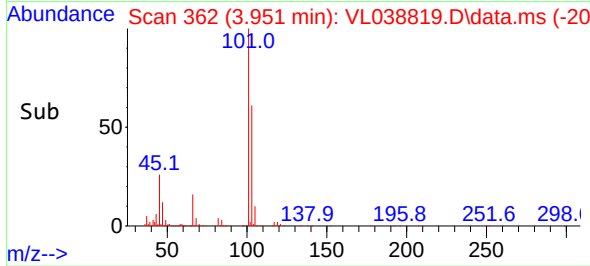
Instrument :
 MSVOA_L
 ClientSampleId :
 ICVVL040522



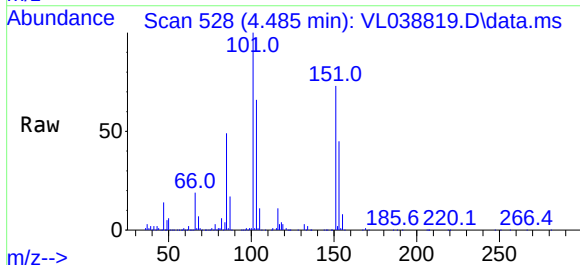
Tgt Ion:101 Resp: 157483
 Ion Ratio Lower Upper
 101 100
 103 61.4 51.4 77.0

Manual Integrations
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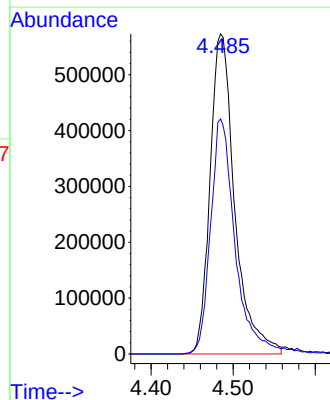
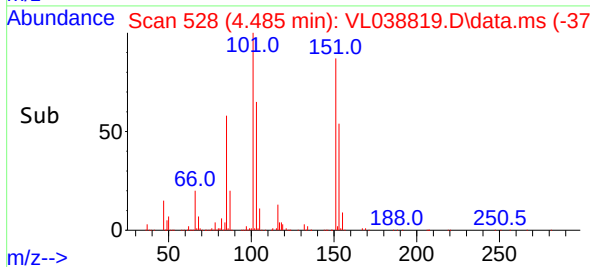
Reviewed By :Semsettin Yesilyurt 04/07/2022
 Supervised By :Mahesh Dadoda 04/07/2022

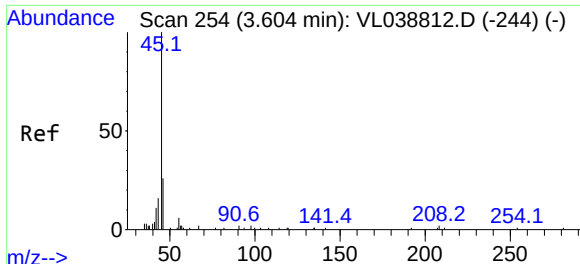


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.593 ppbv
 RT: 4.485 min Scan# 528
 Delta R.T. -0.000 min
 Lab File: VL038819.D
 Acq: 5 Apr 2022 20:22



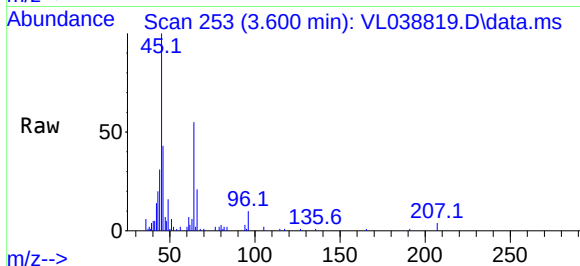
Tgt Ion:101 Resp: 1197016
 Ion Ratio Lower Upper
 101 100
 151 74.0 59.9 89.9





#13
Ethanol
Concen: 8.011 ppbv m
RT: 3.600 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

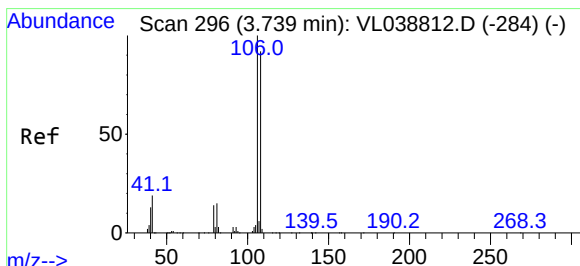
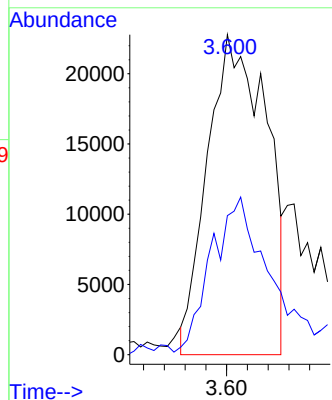
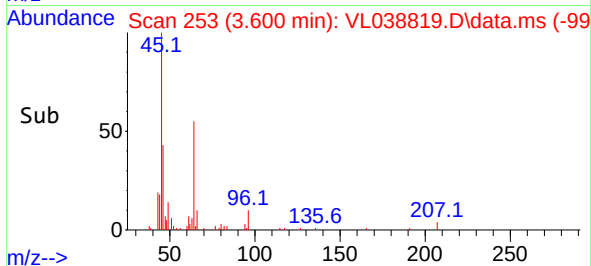
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040522



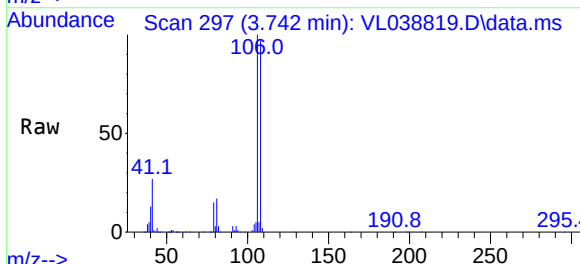
Tgt Ion: 45 Resp: 44920
Ion Ratio Lower Upper
45 100
46 55.1 0.0 0.0

Manual Integrations
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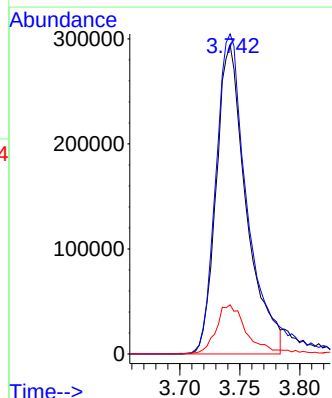
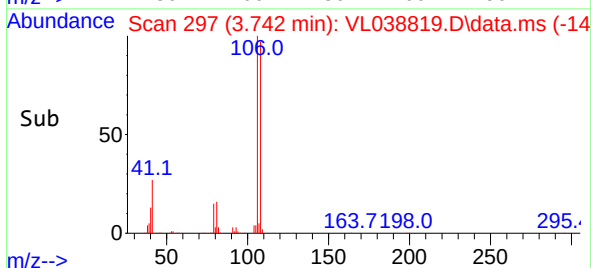
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

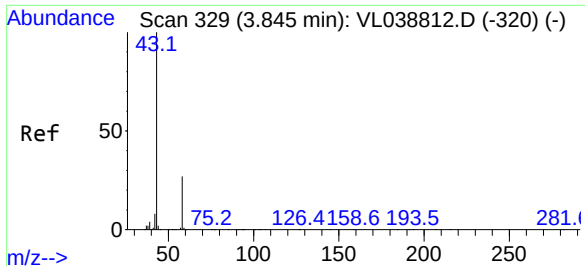


#14
Bromoethene
Concen: 9.349 ppbv
RT: 3.742 min Scan# 297
Delta R.T. 0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22



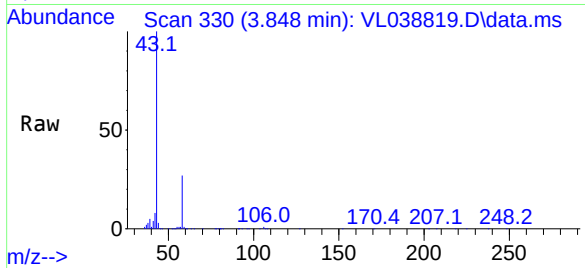
Tgt Ion:108 Resp: 513021
Ion Ratio Lower Upper
108 100
106 113.4 91.5 137.3
79 16.6 13.7 20.5





#15
Acetone
Concen: 8.950 ppbv
RT: 3.848 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

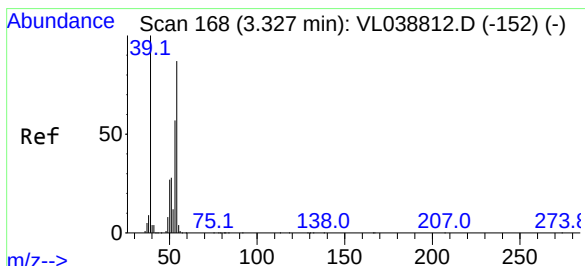
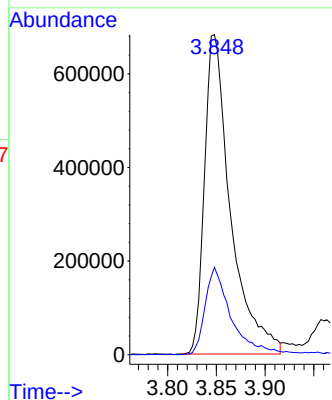
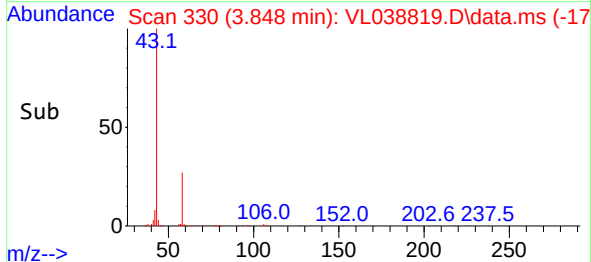
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040522



Tgt Ion: 43 Resp: 127341
Ion Ratio Lower Upper
43 100
58 28.4 22.5 33.7

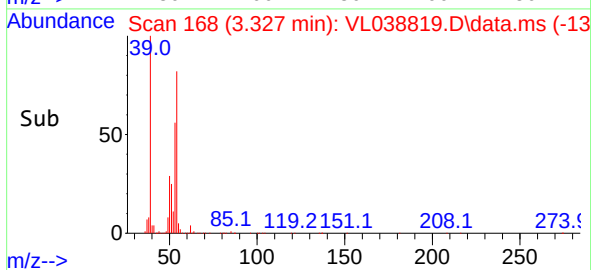
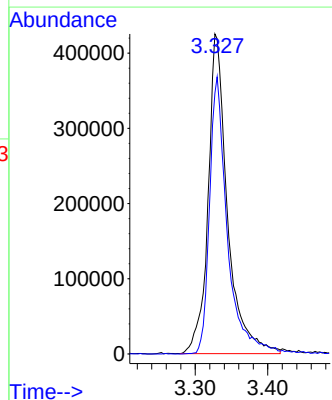
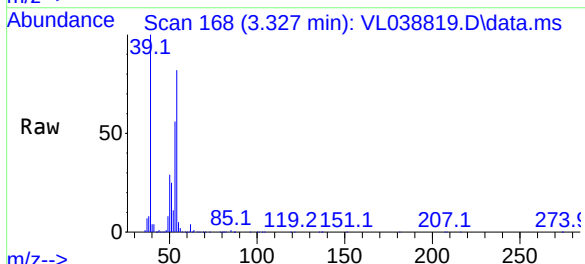
Manual Integrations
APPROVED

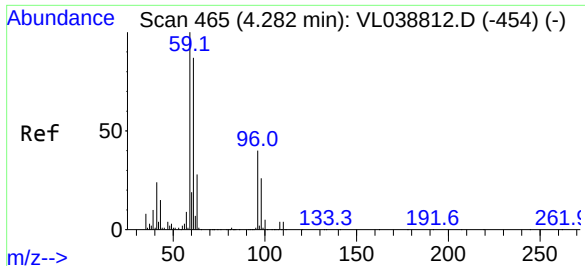
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#16
1,3-Butadiene
Concen: 9.729 ppbv
RT: 3.327 min Scan# 168
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

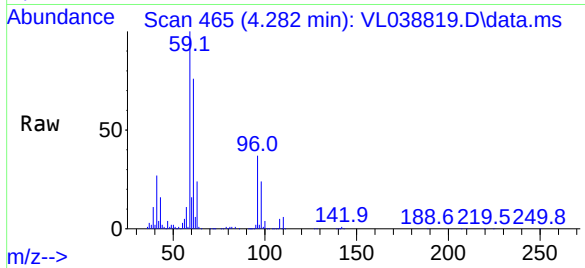
Tgt Ion: 39 Resp: 791332
Ion Ratio Lower Upper
39 100
54 80.5 64.8 97.2





#17
tert-Butyl alcohol
Concen: 10.033 ppbv
RT: 4.282 min Scan# 465
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

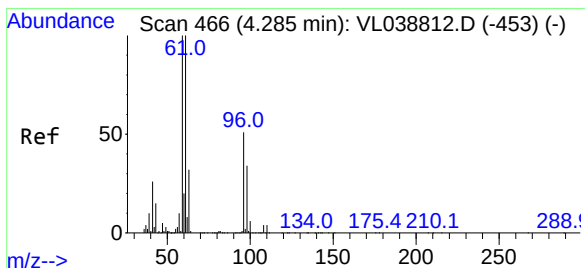
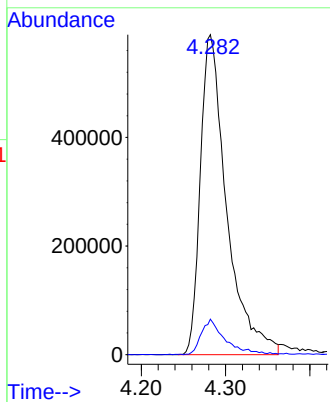
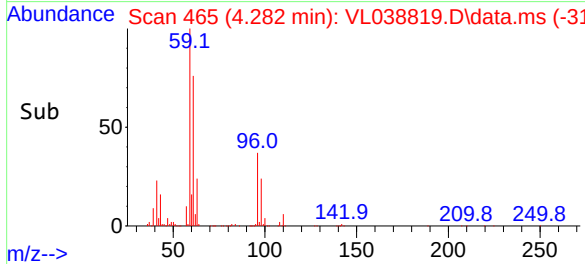
Instrument : MSVOA_1
ClientSampleId : ICVVL040522



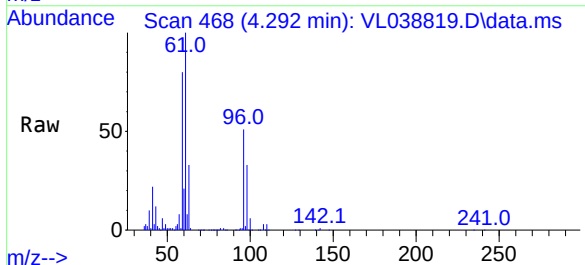
Tgt Ion: 59 Resp: 128017
Ion Ratio Lower Upper
59 100
57 10.3 8.5 12.7

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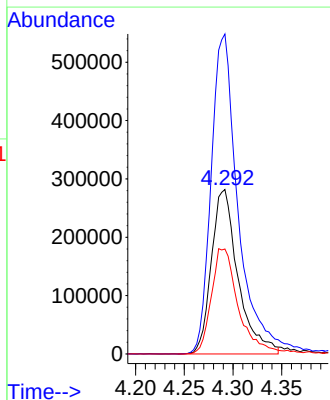
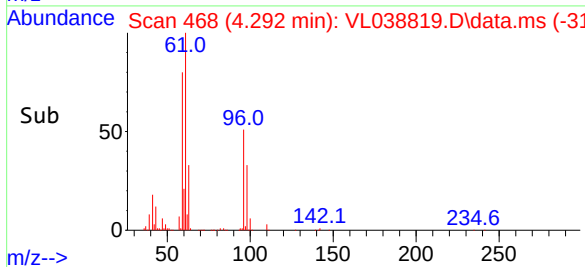
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

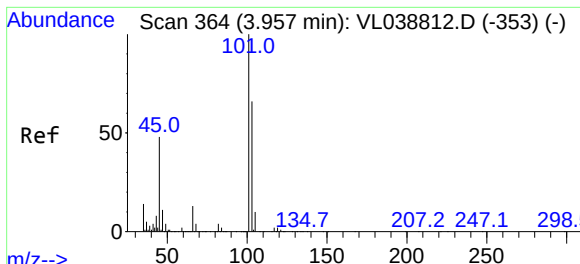


#18
1,1-Dichloroethene
Concen: 9.469 ppbv
RT: 4.292 min Scan# 468
Delta R.T. 0.006 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22



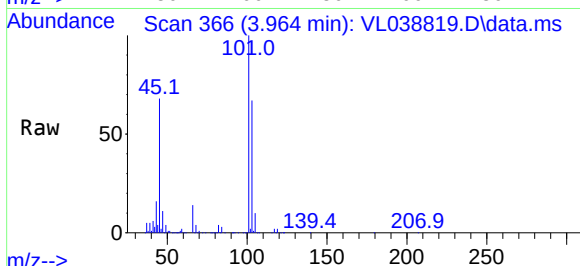
Tgt Ion: 96 Resp: 538598
Ion Ratio Lower Upper
96 100
61 194.5 156.1 234.1
98 63.8 53.0 79.6





#19
Isopropyl Alcohol
Concen: 9.602 ppbv
RT: 3.964 min Scan# 30
Delta R.T. 0.006 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

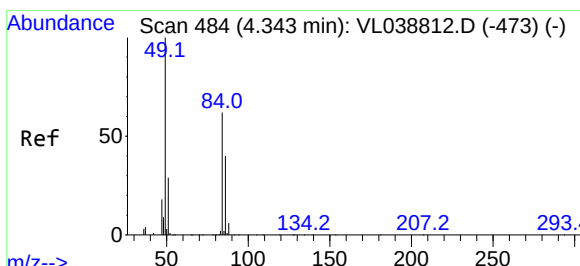
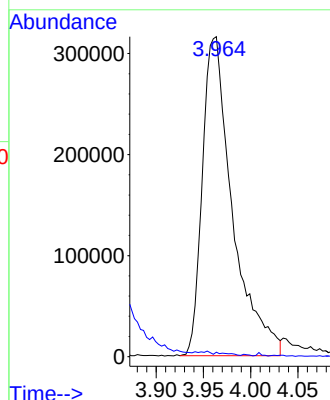
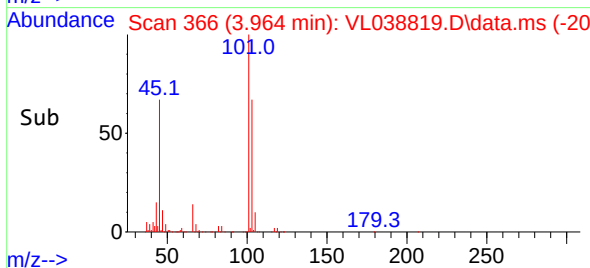
Instrument : MSVOA_L
ClientSampleId : ICVVL040522



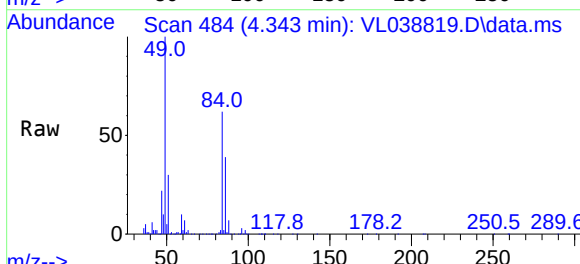
Tgt Ion: 45 Resp: 698235
Ion Ratio Lower Upper
45 100
58 52.6 0.0 0.0

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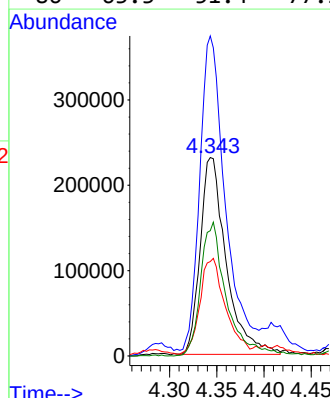
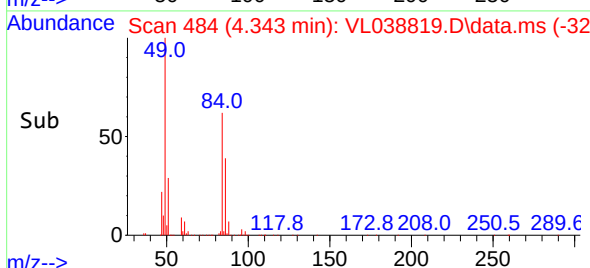
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

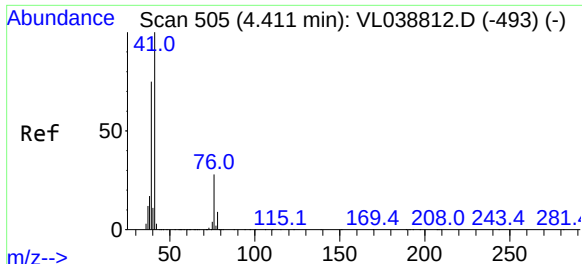


#20
Methylene Chloride
Concen: 8.577 ppbv
RT: 4.343 min Scan# 484
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22



Tgt Ion: 84 Resp: 442585
Ion Ratio Lower Upper
84 100
49 159.7 129.4 194.0
51 46.9 37.4 56.2
86 63.3 51.4 77.2





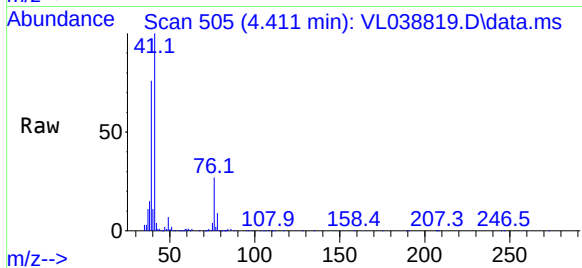
#21
 Allyl Chloride
 Concen: 9.221 ppbv
 RT: 4.411 min Scan# 505
 Delta R.T. -0.000 min
 Lab File: VL038819.D
 Acq: 5 Apr 2022 20:22

Instrument :

MSVOA_L

ClientSampleId :

ICVVL040522

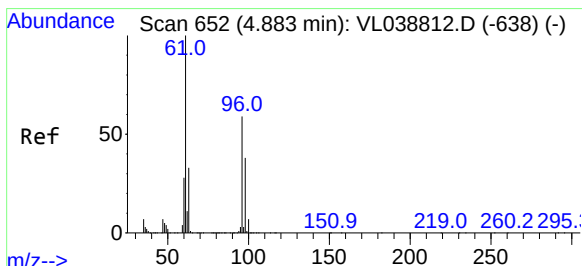
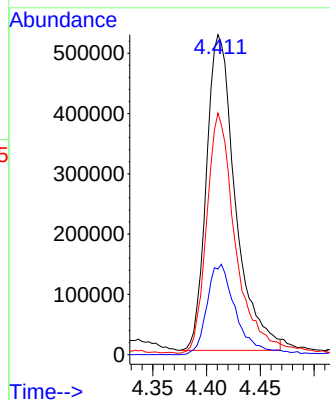
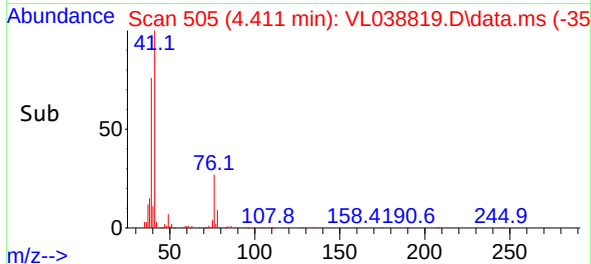


Tgt Ion: 41 Resp: 98239
 Ion Ratio Lower Upper
 41 100
 76 28.9 23.7 35.5
 39 77.2 62.0 93.0

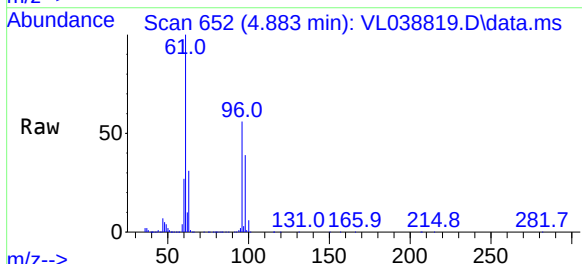
Manual Integrations

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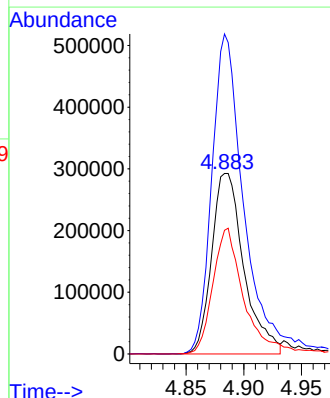
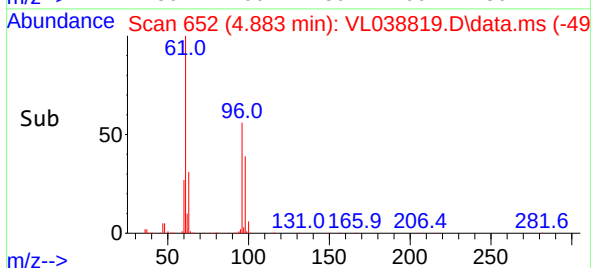
Reviewed By :Semsettin Yesilyurt 04/07/2022
 Supervised By :Mahesh Dadoda 04/07/2022

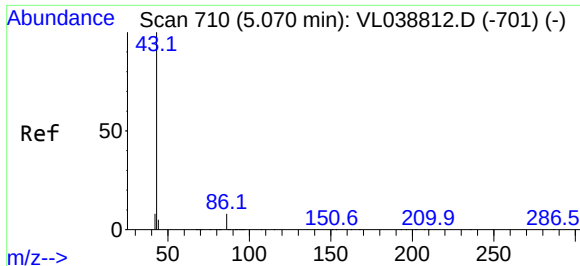


#22
 trans-1,2-Dichloroethene
 Concen: 9.855 ppbv
 RT: 4.883 min Scan# 652
 Delta R.T. -0.000 min
 Lab File: VL038819.D
 Acq: 5 Apr 2022 20:22



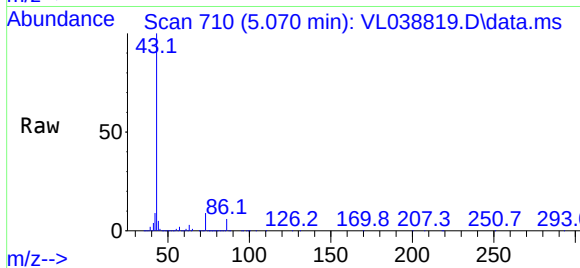
Tgt Ion: 96 Resp: 567547
 Ion Ratio Lower Upper
 96 100
 61 177.2 134.8 202.2
 98 68.3 51.9 77.9





#23
 Vinyl Acetate
 Concen: 10.030 ppbv
 RT: 5.070 min Scan# 710
 Delta R.T. -0.000 min
 Lab File: VL038819.D
 Acq: 5 Apr 2022 20:22

Instrument : MSVOA_L
 ClientSampleId : ICVVL040522

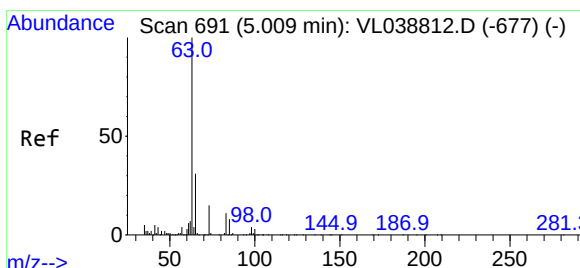
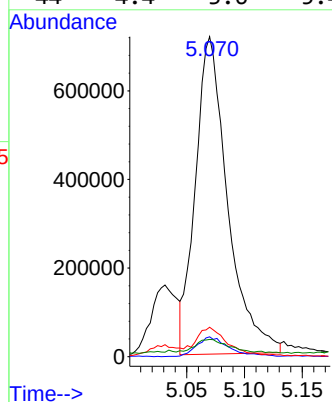
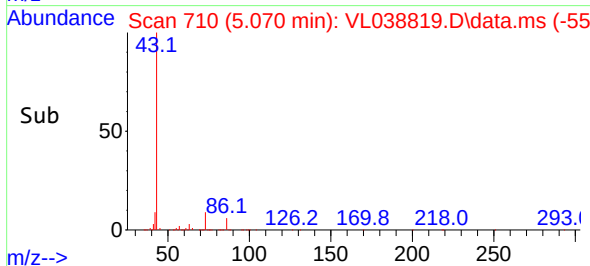


Tgt Ion: 43 Resp: 138974

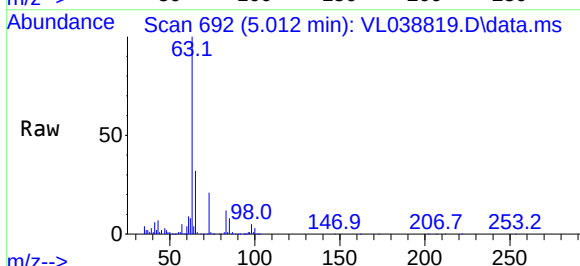
Ion	Ratio	Lower	Upper
43	100		
86	6.3	5.8	8.6
42	9.0	7.8	11.6
44	4.4	3.6	5.4

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 04/07/2022
 Supervised By :Mahesh Dadoda 04/07/2022

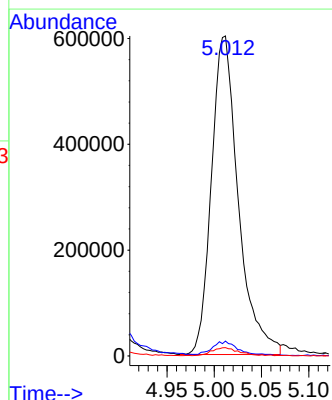
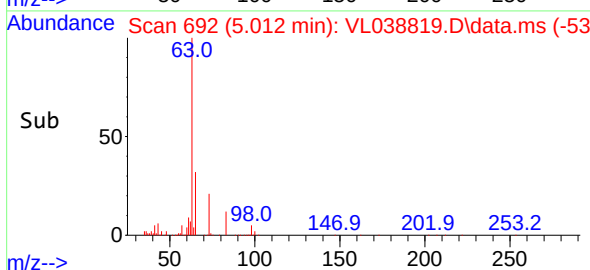


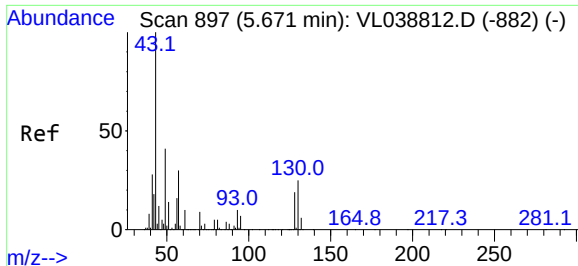
#24
 1,1-Dichloroethane
 Concen: 9.516 ppbv
 RT: 5.012 min Scan# 692
 Delta R.T. 0.003 min
 Lab File: VL038819.D
 Acq: 5 Apr 2022 20:22



Tgt Ion: 63 Resp: 1191607

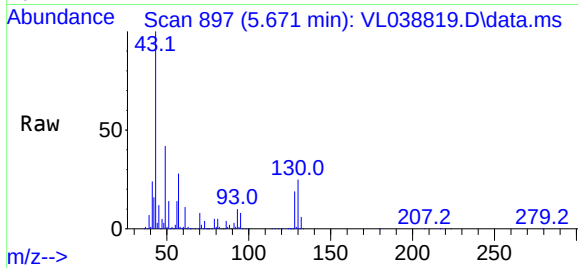
Ion	Ratio	Lower	Upper
63	100		
98	4.4	2.2	6.6
100	2.5	1.4	4.0





#25
Ethyl Acetate
Concen: 9.772 ppbv
RT: 5.671 min Scan# 897
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

Instrument : MSVOA_L
Client Sample Id : ICVVL040522

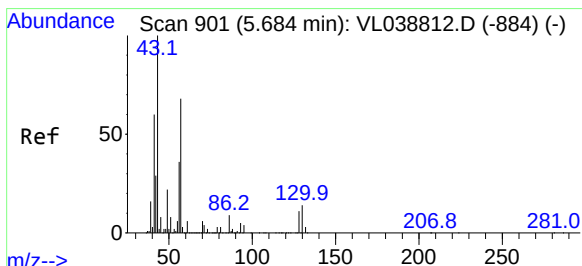
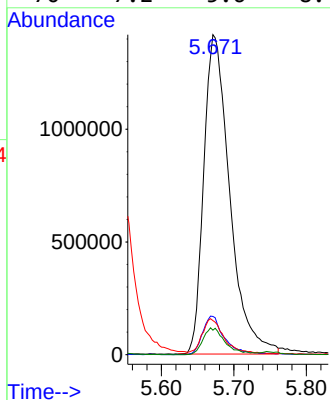
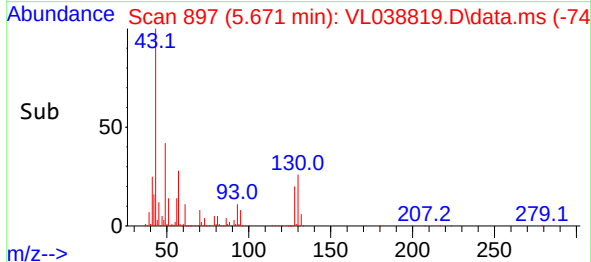


Tgt Ion: 43 Resp: 352776

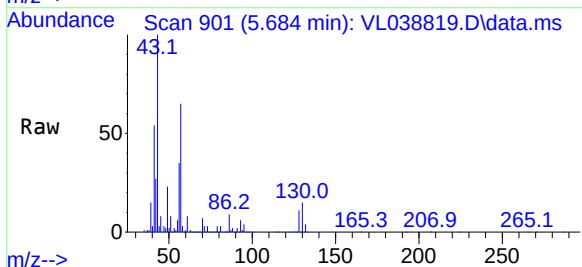
Ion	Ratio	Lower	Upper
43	100		
45	10.4	8.4	12.6
61	9.7	7.9	11.9
70	7.2	5.6	8.4

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

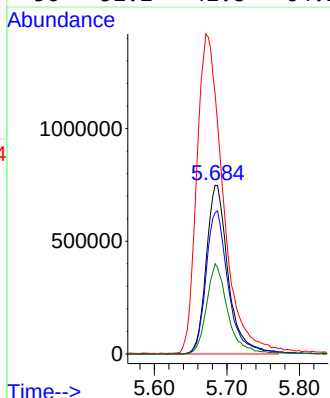
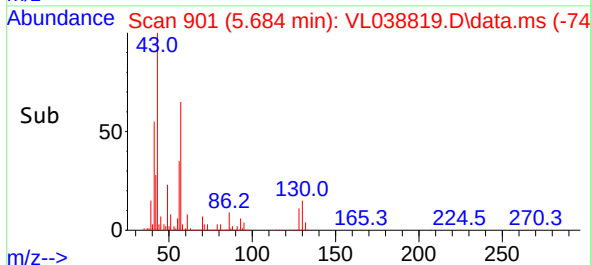


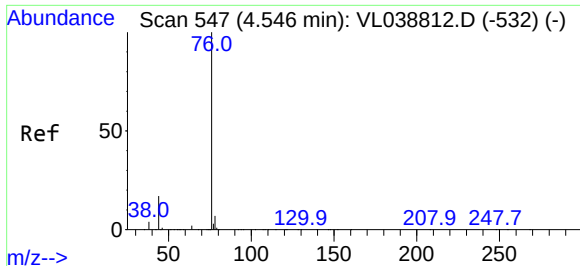
#26
Hexane
Concen: 9.561 ppbv
RT: 5.684 min Scan# 901
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22



Tgt Ion: 57 Resp: 1571155

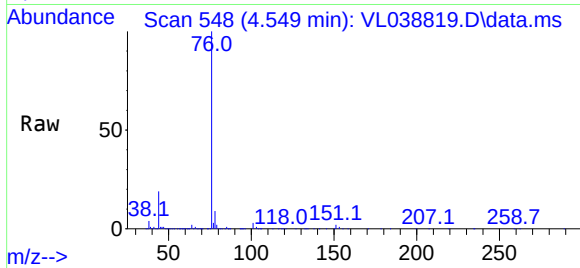
Ion	Ratio	Lower	Upper
57	100		
41	87.2	72.0	108.0
43	228.9	186.6	280.0
56	52.2	42.8	64.2





#27
Carbon Disulfide
Concen: 10.172 ppbv
RT: 4.549 min Scan# 547
Delta R.T. 0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

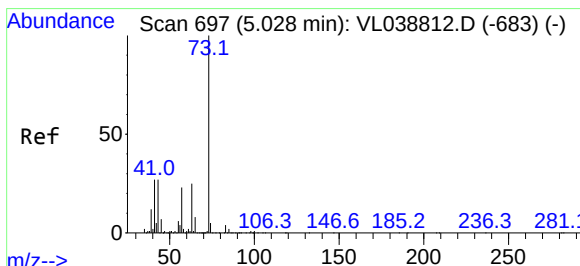
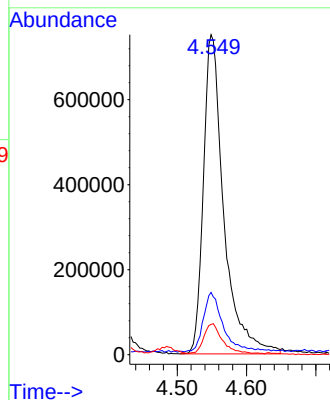
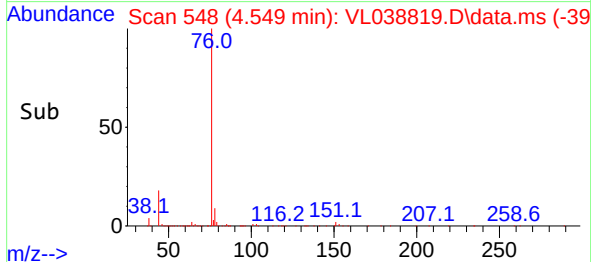
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040522



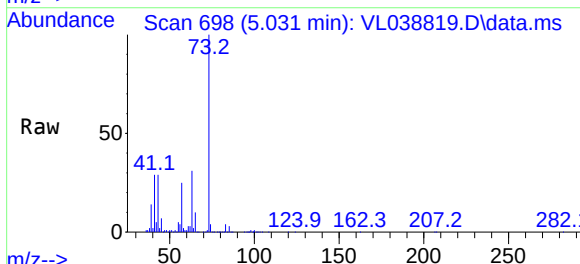
Tgt Ion: 76 Resp: 1532928
Ion Ratio Lower Upper
76 100
44 18.0 15.7 23.5
78 10.0 7.8 11.8

Manual Integrations
APPROVED

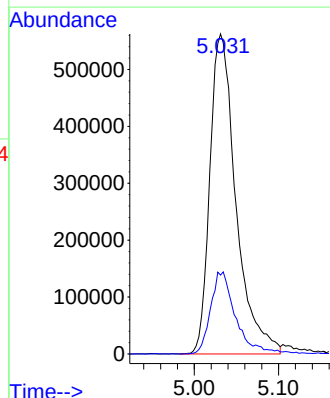
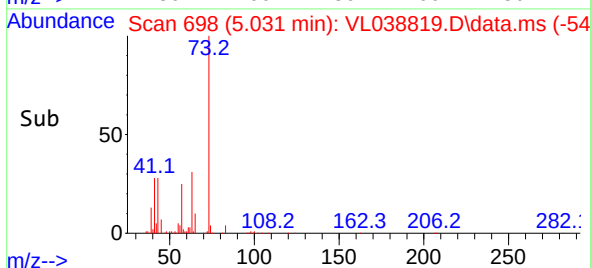
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

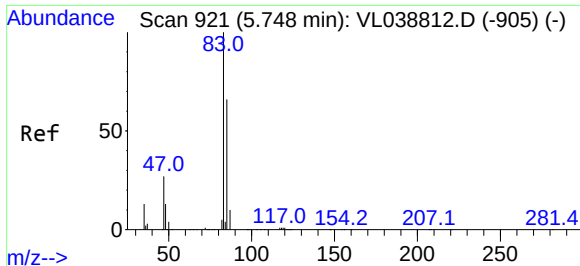


#28
Methyl tert-Butyl Ether
Concen: 9.529 ppbv
RT: 5.031 min Scan# 698
Delta R.T. 0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22



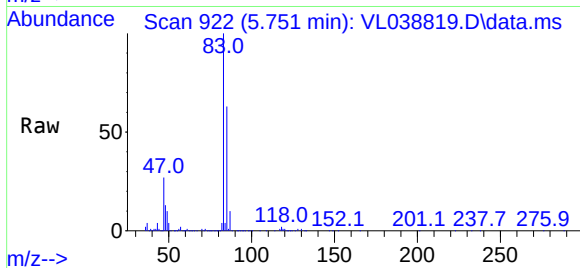
Tgt Ion: 73 Resp: 1209361
Ion Ratio Lower Upper
73 100
57 24.8 19.7 29.5





#29
Chloroform
Concen: 9.784 ppbv
RT: 5.751 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

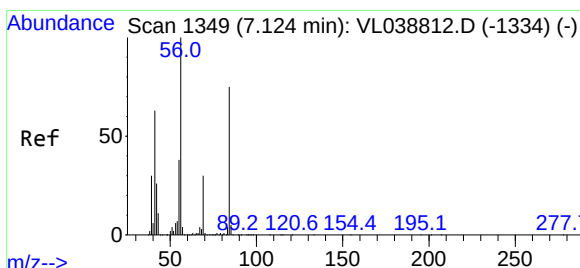
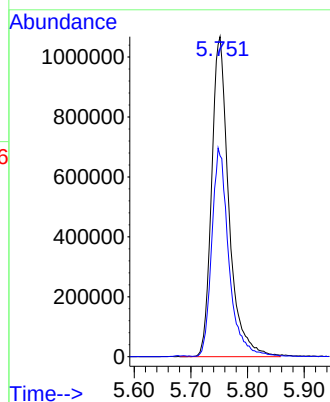
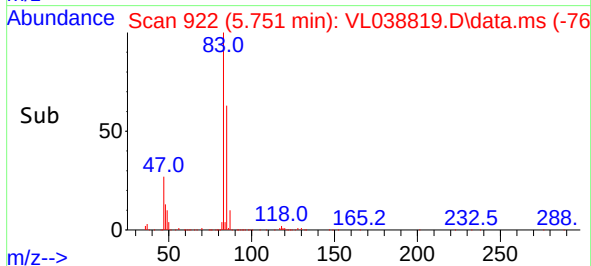
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040522



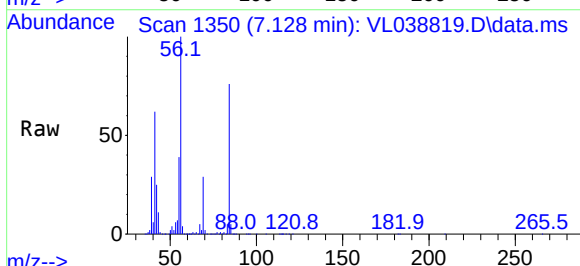
Tgt Ion: 83 Resp: 224962
Ion Ratio Lower Upper
83 100
85 62.6 52.5 78.7

Manual Integrations
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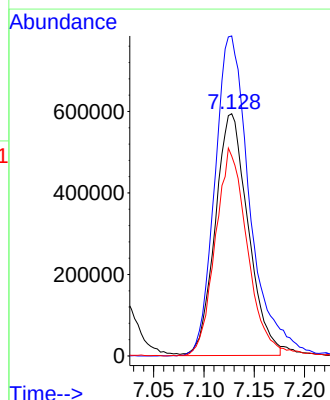
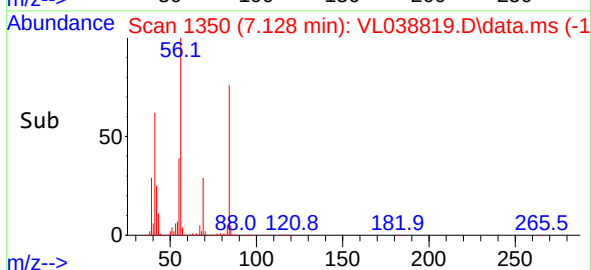
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

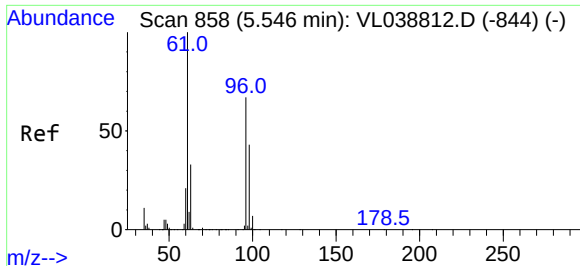


#30
Cyclohexane
Concen: 9.326 ppbv
RT: 7.128 min Scan# 1350
Delta R.T. 0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22



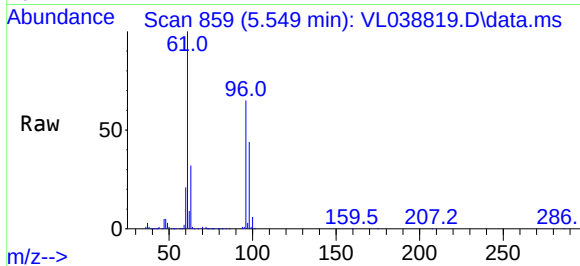
Tgt Ion: 84 Resp: 1350705
Ion Ratio Lower Upper
84 100
56 142.3 114.4 171.6
41 84.4 69.0 103.4





#31
cis-1,2-Dichloroethene
Concen: 9.814 ppbv
RT: 5.549 min Scan# 81
Delta R.T. 0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

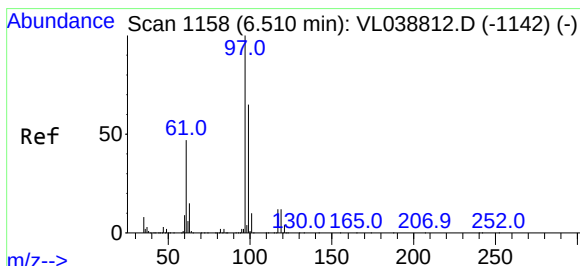
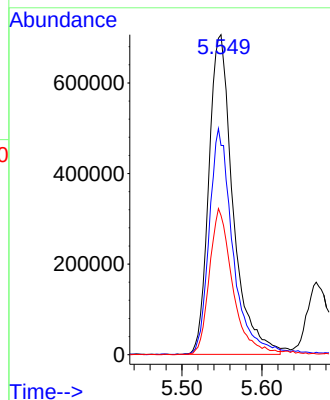
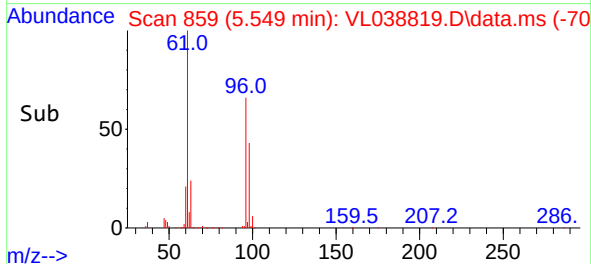
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040522



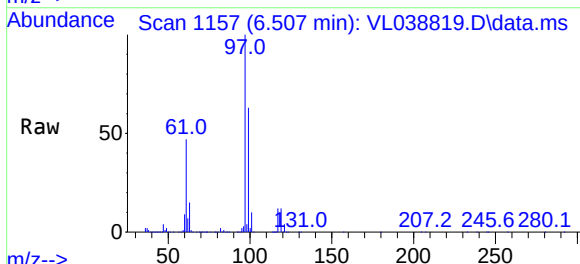
Tgt Ion: 61 Resp: 1482900
Ion Ratio Lower Upper
61 100
96 65.4 53.4 80.0
98 43.5 34.2 51.4

Manual Integrations
APPROVED

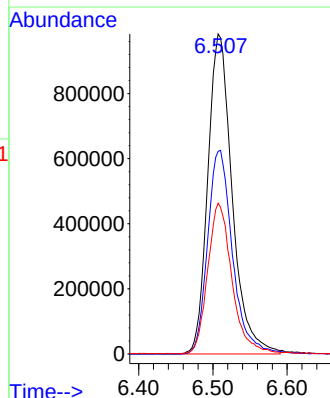
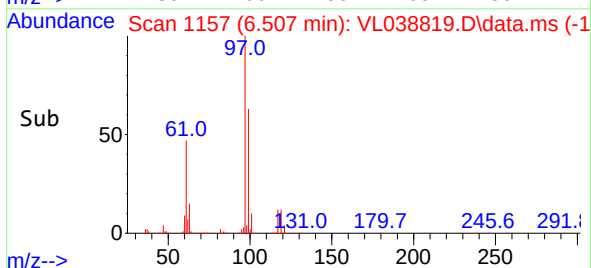
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

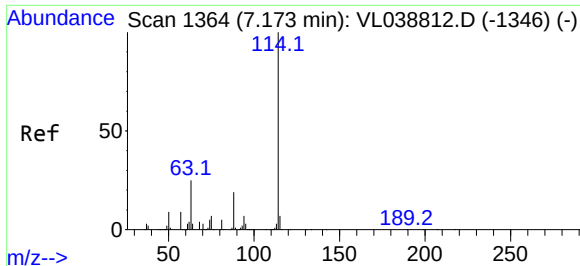


#32
1,1,1-Trichloroethane
Concen: 9.685 ppbv
RT: 6.507 min Scan# 1157
Delta R.T. -0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22



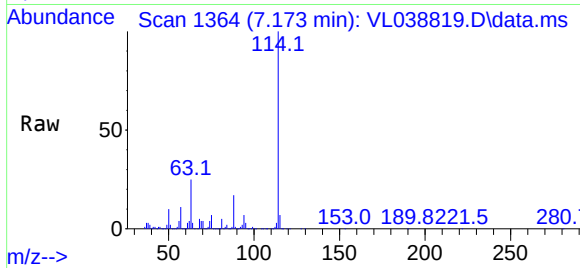
Tgt Ion: 97 Resp: 2243653
Ion Ratio Lower Upper
97 100
99 65.1 52.4 78.6
61 47.1 38.6 57.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.173 min Scan# 114
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

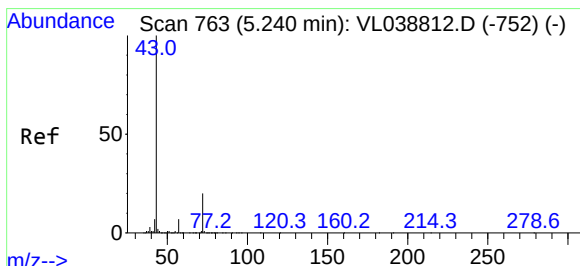
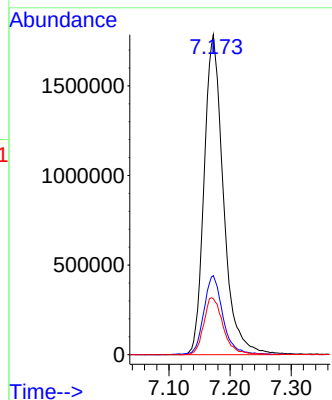
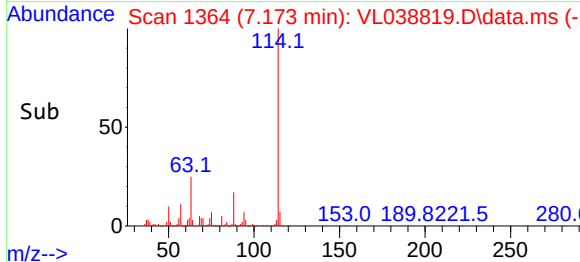
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040522



Tgt Ion:114 Resp: 3912074
Ion Ratio Lower Upper
114 100
63 24.7 19.8 29.8
88 18.0 14.2 21.4

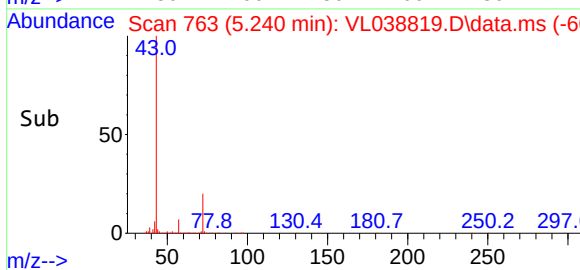
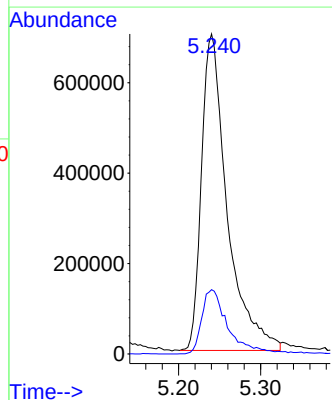
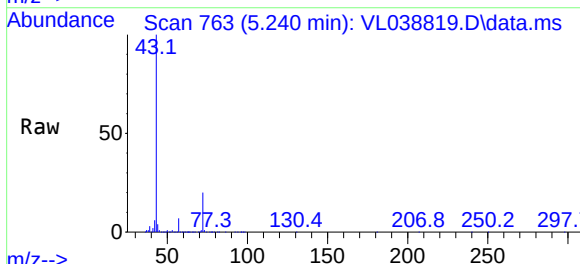
Manual Integrations
APPROVED

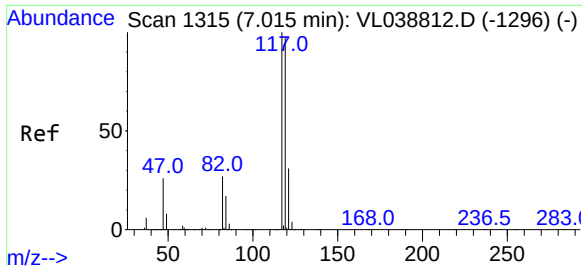
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#34
2-Butanone
Concen: 9.854 ppbv
RT: 5.240 min Scan# 763
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

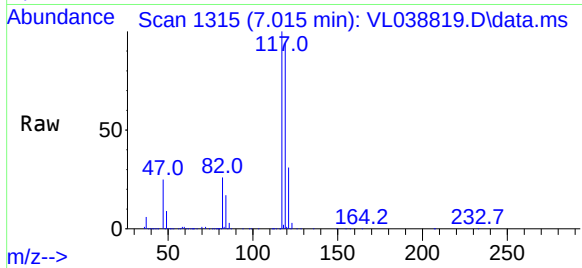
Tgt Ion: 43 Resp: 1523310
Ion Ratio Lower Upper
43 100
72 21.4 16.9 25.3





#35
Carbon Tetrachloride
Concen: 9.776 ppbv
RT: 7.015 min Scan# 117
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

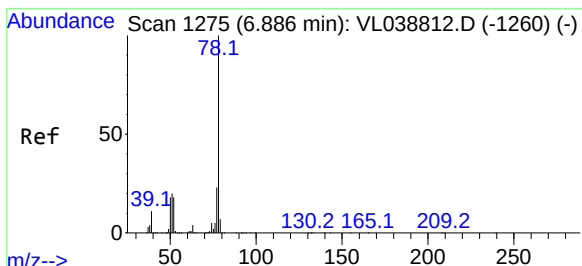
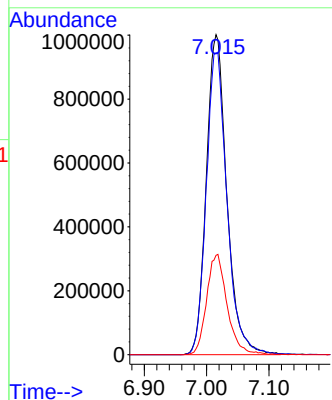
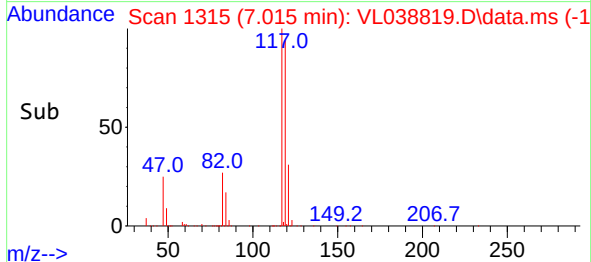
Instrument : MSVOA_L
ClientSampleId : ICVVL040522



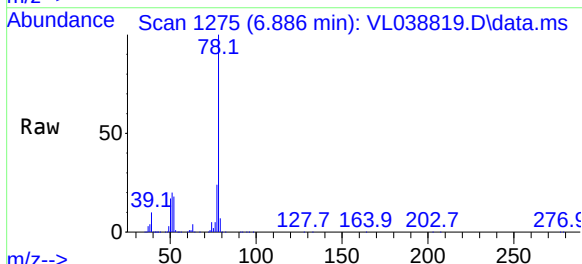
Tgt Ion: 117 Resp: 2292780
Ion Ratio Lower Upper
117 100
119 94.3 77.7 116.5
121 31.0 24.5 36.7

Manual Integrations
APPROVED

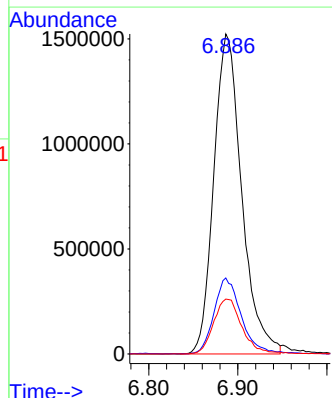
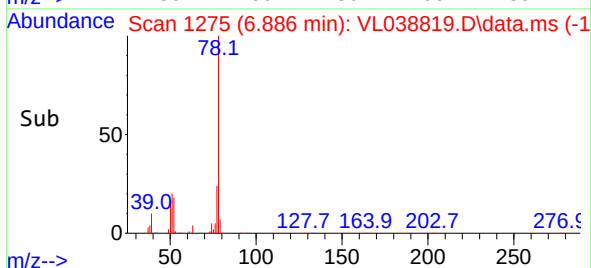
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

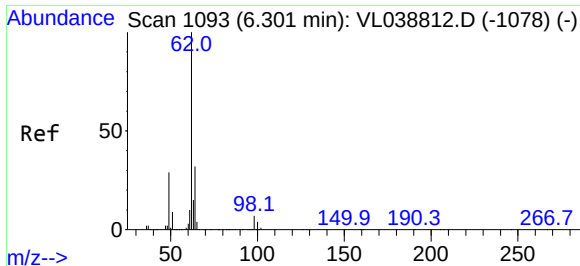


#36
Benzene
Concen: 9.304 ppbv
RT: 6.886 min Scan# 1275
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22



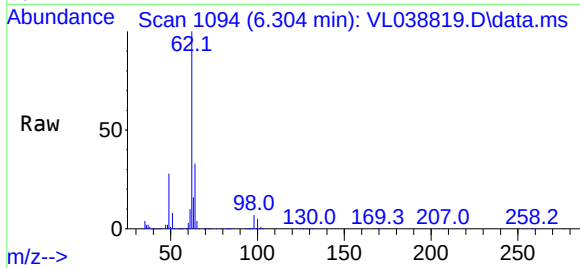
Tgt Ion: 78 Resp: 3311271
Ion Ratio Lower Upper
78 100
77 23.7 18.2 27.2
50 17.1 14.0 21.0





#37
1,2-Dichloroethane
Concen: 10.027 ppbv
RT: 6.304 min Scan# 1093
Delta R.T. 0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

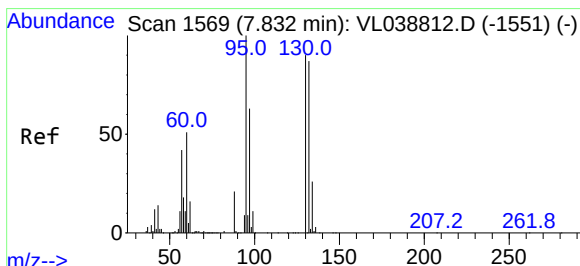
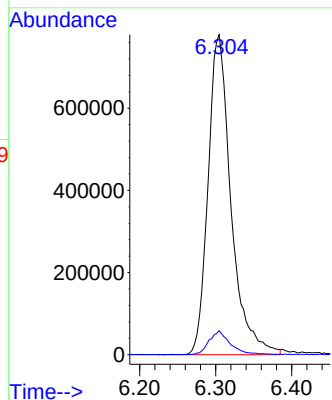
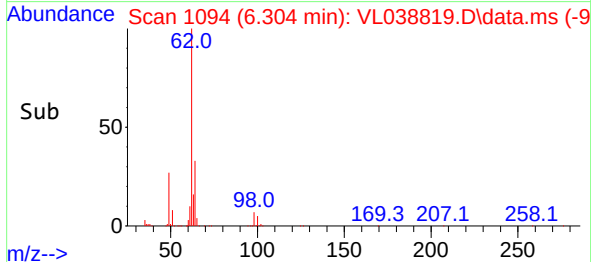
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040522



Tgt Ion: 62 Resp: 1631539
Ion Ratio Lower Upper
62 100
98 7.1 5.9 8.9

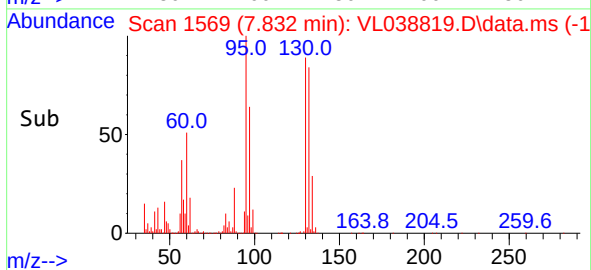
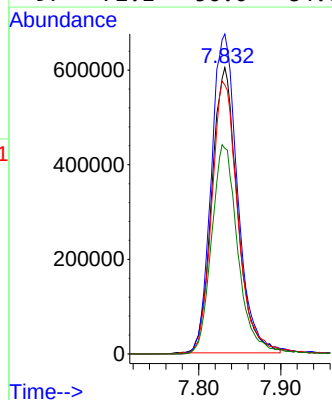
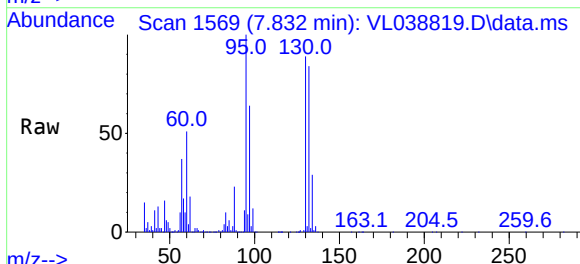
Manual Integrations
APPROVED

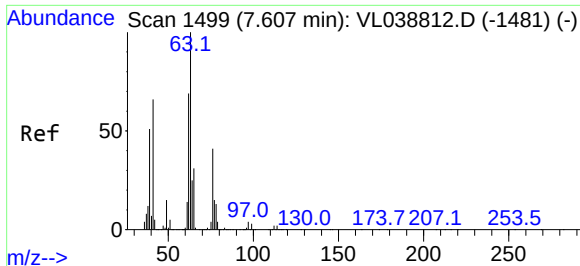
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#38
Trichloroethene
Concen: 8.936 ppbv
RT: 7.832 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

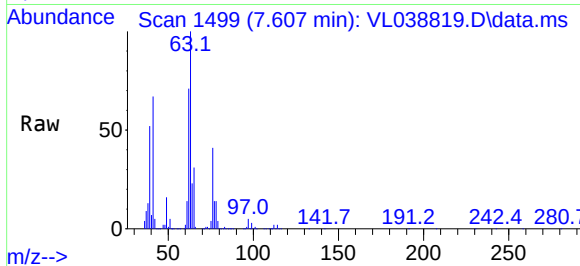
Tgt Ion:130 Resp: 1304861
Ion Ratio Lower Upper
130 100
95 112.2 89.4 134.0
132 94.2 77.7 116.5
97 72.1 56.0 84.0





#39
1,2-Dichloropropane
Concen: 9.683 ppbv
RT: 7.607 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

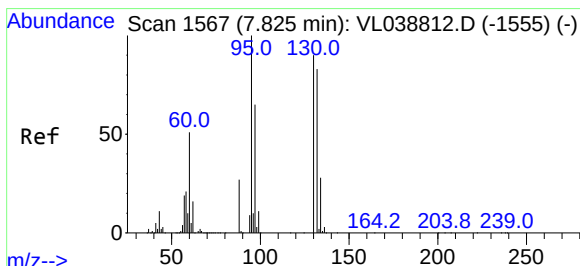
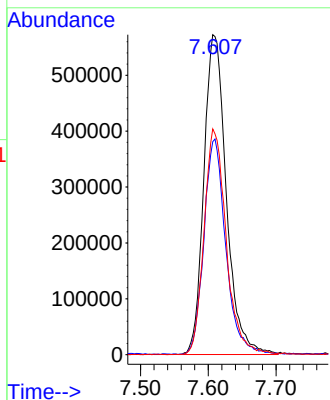
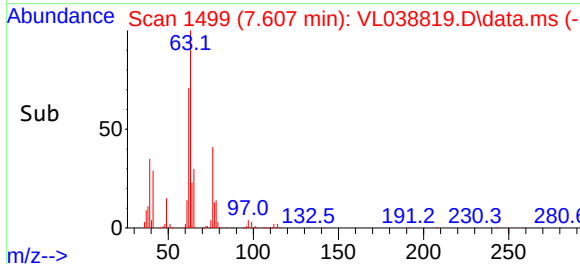
Instrument : MSVOA_L
ClientSampleId : ICVVL040522



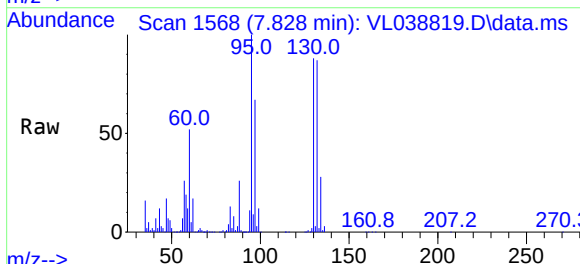
Tgt Ion: 63 Resp: 131806
Ion Ratio Lower Upper
63 100
41 66.5 53.0 79.6
62 70.5 55.0 82.4

Manual Integrations
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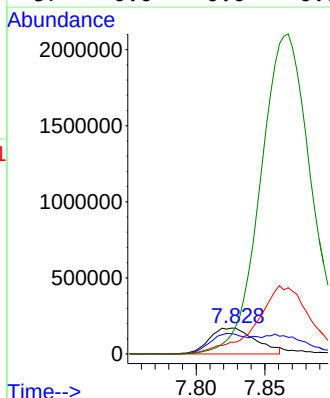
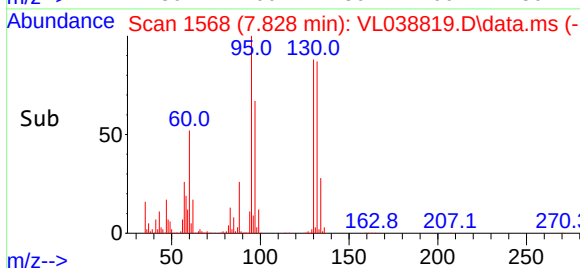
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

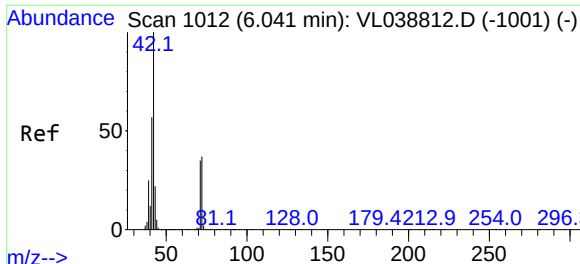


#40
1,4-Dioxane
Concen: 8.618 ppbv m
RT: 7.828 min Scan# 1568
Delta R.T. 0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22



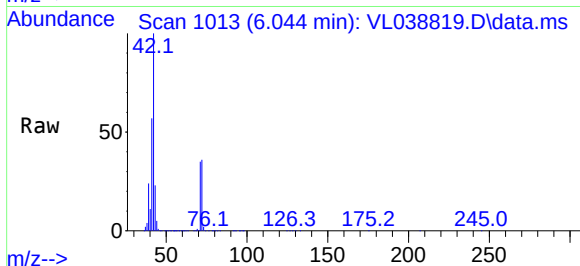
Tgt Ion: 88 Resp: 398348
Ion Ratio Lower Upper
88 100
58 0.0 49.4 74.0#
43 0.0 0.0 0.0
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 9.734 ppbv
RT: 6.044 min Scan# 1012
Delta R.T. 0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

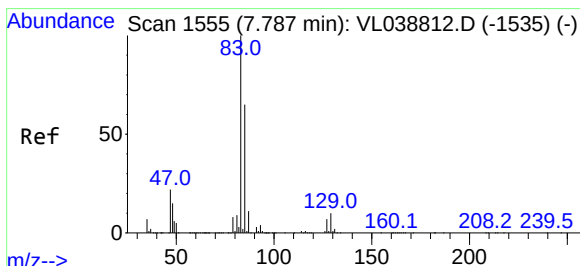
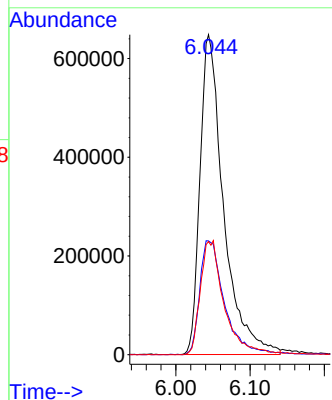
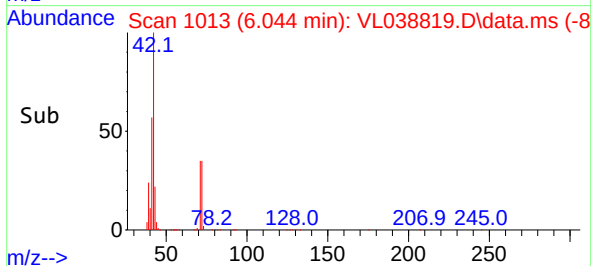
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040522



Tgt Ion: 42 Resp: 1429100
Ion Ratio Lower Upper
42 100
72 37.7 31.4 47.0
71 36.6 30.2 45.4

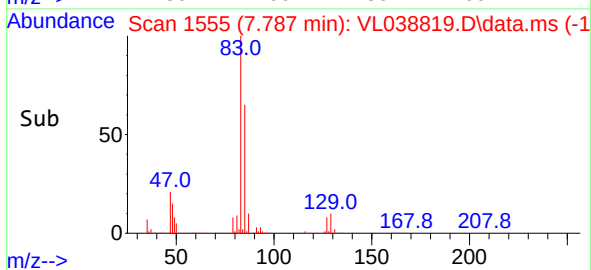
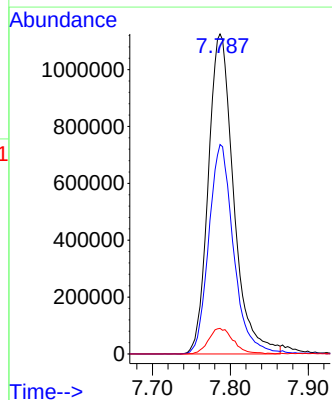
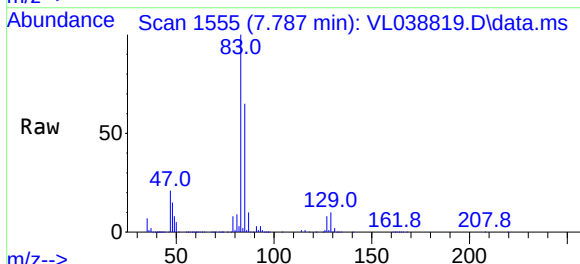
Manual Integrations
APPROVED

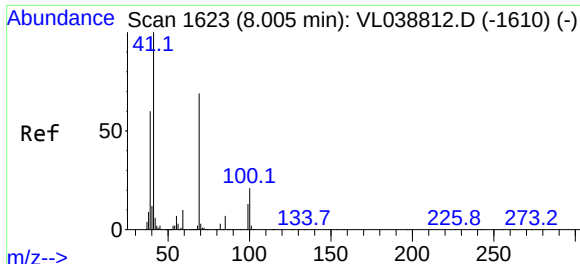
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#42
Bromodichloromethane
Concen: 9.885 ppbv
RT: 7.787 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

Tgt Ion: 83 Resp: 2539995
Ion Ratio Lower Upper
83 100
85 65.4 51.7 77.5
127 8.0 5.9 8.9





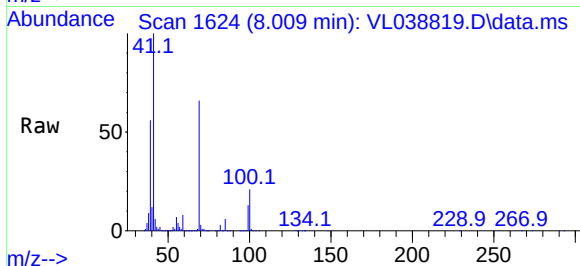
#43
Methyl Methacrylate
Concen: 10.132 ppbv
RT: 8.009 min Scan# 1624
Delta R.T. 0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

Instrument :

MSVOA_L

ClientSampleId :

ICVVL040522

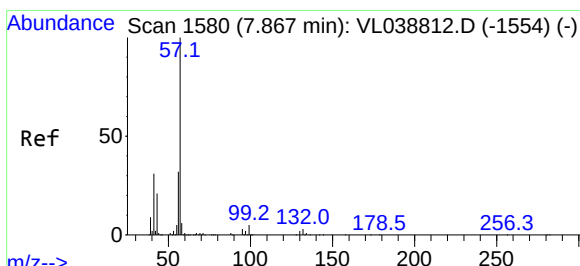
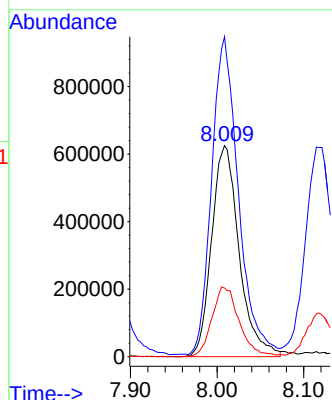
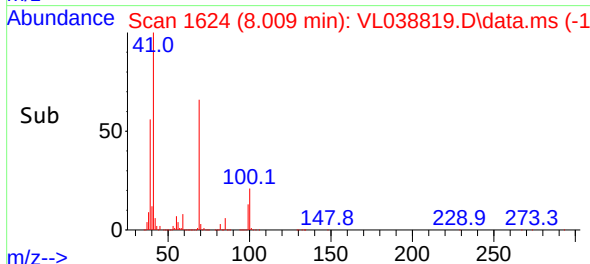


Tgt Ion: 69 Resp: 138107
Ion Ratio Lower Upper
69 100
41 148.4 119.0 178.4
100 32.8 26.4 39.6

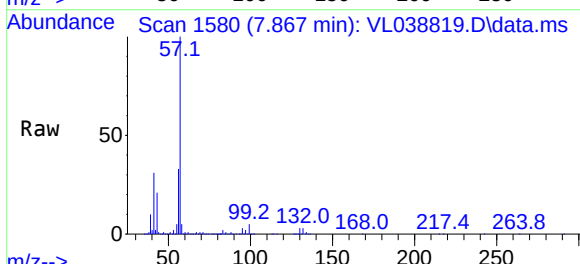
Manual Integrations

APPROVED

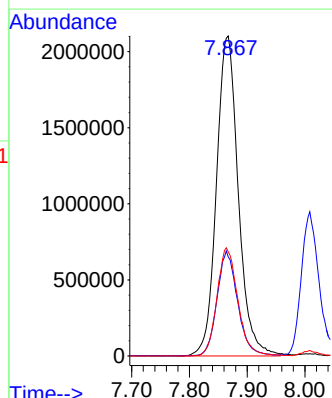
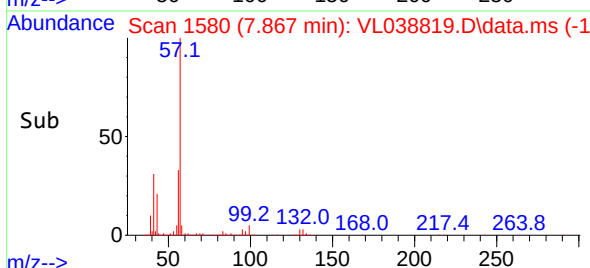
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

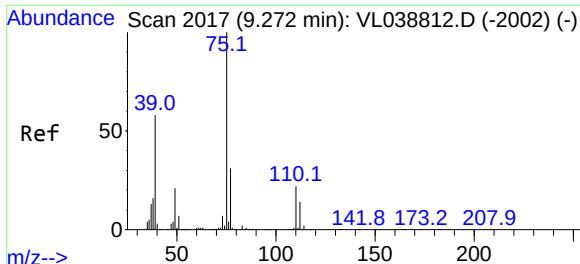


#44
2,2,4-Trimethylpentane
Concen: 9.173 ppbv
RT: 7.867 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22



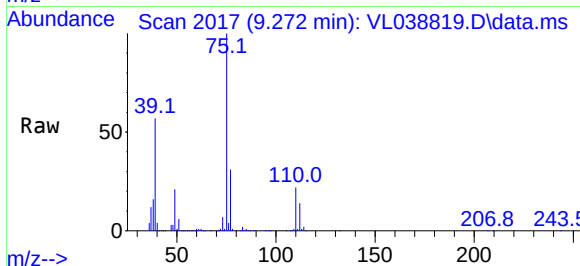
Tgt Ion: 57 Resp: 5526794
Ion Ratio Lower Upper
57 100
41 30.7 25.0 37.4
56 32.3 25.3 37.9





#45
t-1,3-Dichloropropene
Concen: 10.531 ppbv
RT: 9.272 min Scan# 2017
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

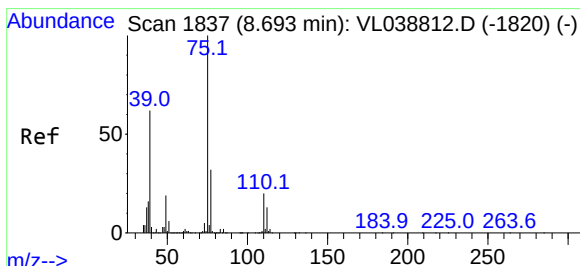
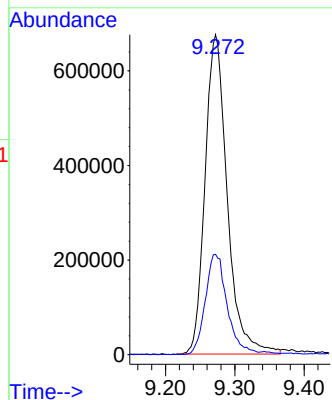
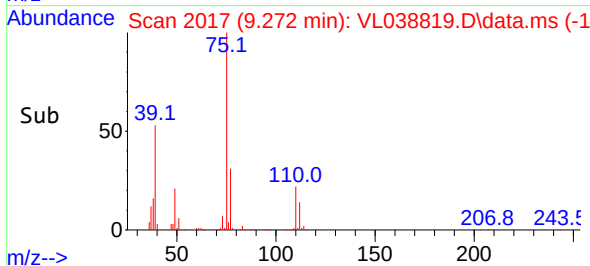
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040522



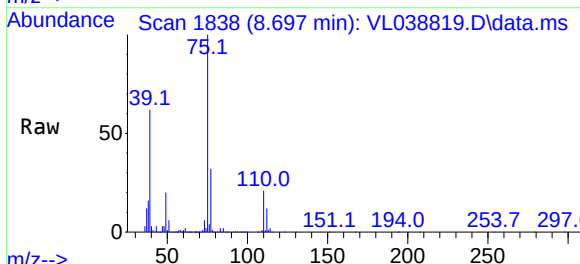
Tgt Ion: 75 Resp: 1500990
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.4

Manual Integrations
APPROVED

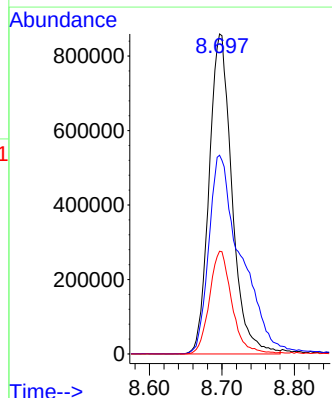
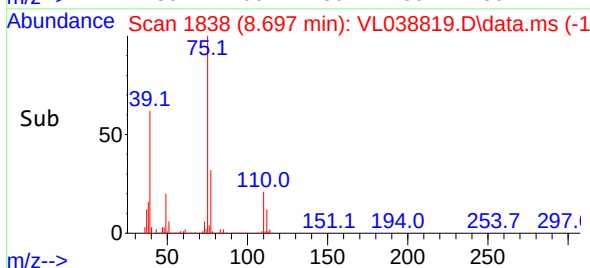
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

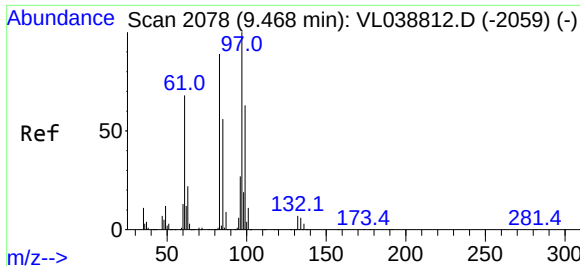


#46
cis-1,3-Dichloropropene
Concen: 10.006 ppbv
RT: 8.697 min Scan# 1838
Delta R.T. 0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22



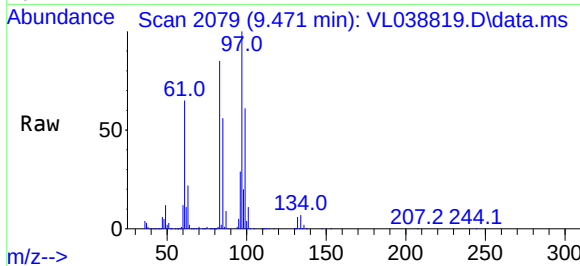
Tgt Ion: 75 Resp: 1880173
Ion Ratio Lower Upper
75 100
39 61.9 49.7 74.5
77 32.0 25.6 38.4





#47
1,1,2-Trichloroethane
Concen: 9.622 ppbv
RT: 9.471 min Scan# 2078
Delta R.T. 0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

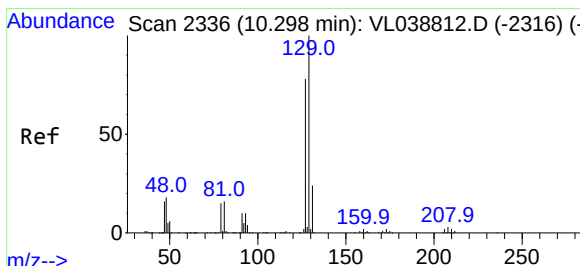
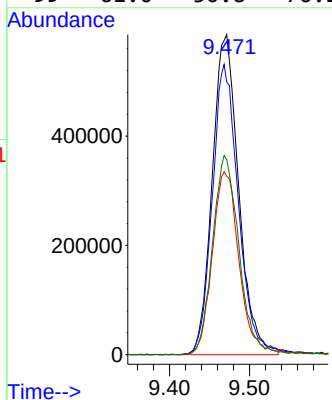
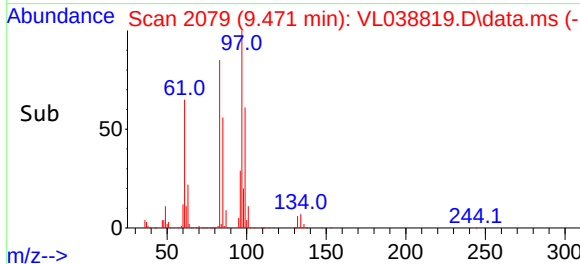
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040522



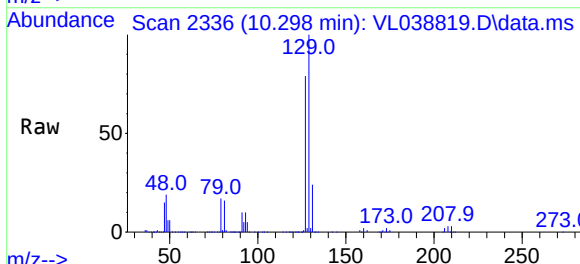
Tgt Ion: 97 Resp: 134210
Ion Ratio Lower Upper
97 100
83 85.3 71.1 106.7
85 55.8 45.1 67.7
99 61.0 50.8 76.2

Manual Integrations
APPROVED

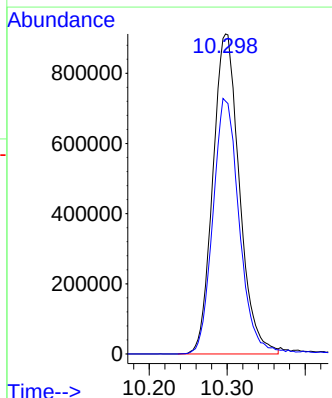
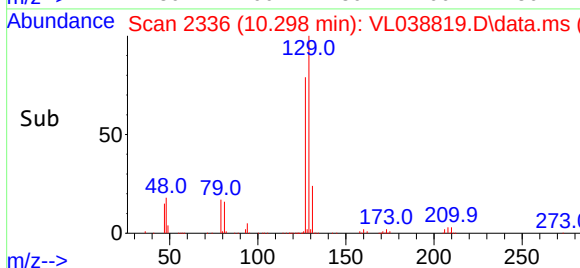
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

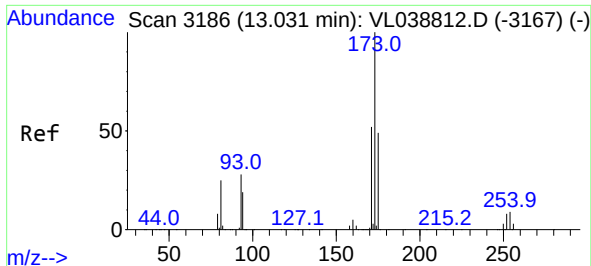


#48
Dibromochloromethane
Concen: 9.901 ppbv
RT: 10.298 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22



Tgt Ion:129 Resp: 2164435
Ion Ratio Lower Upper
129 100
127 80.2 38.9 116.6





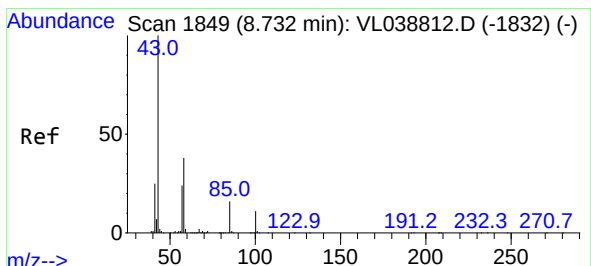
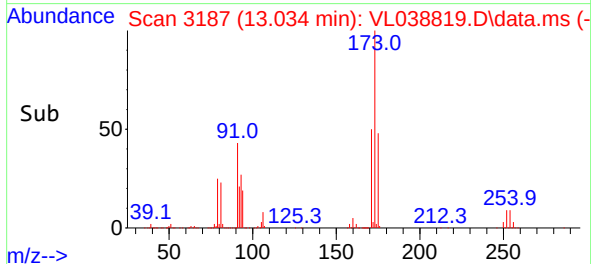
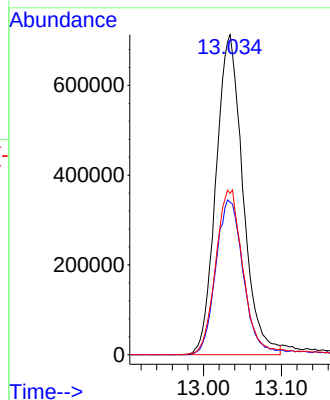
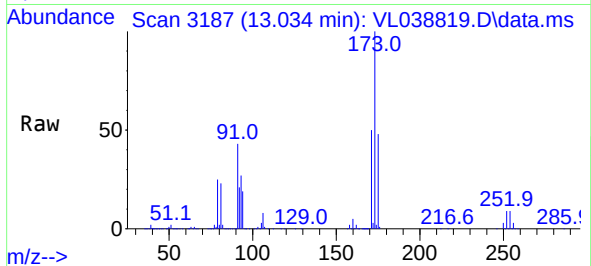
#49
Bromoform
Concen: 9.881 ppbv
RT: 13.034 min Scan# 3186
Delta R.T. 0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

Instrument :
MSVOA_L
ClientSampleId :
ICVVL040522

Tgt Ion:173 Resp: 1710777
Ion Ratio Lower Upper
173 100
175 50.8 39.9 59.9
171 54.5 43.4 65.0

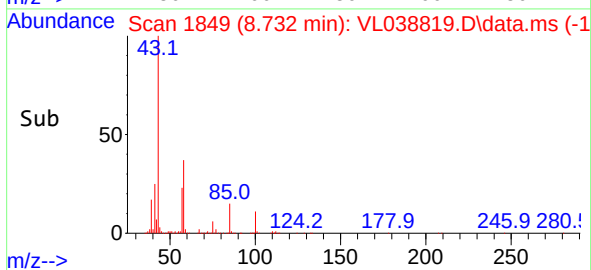
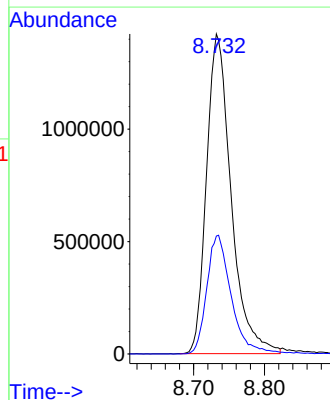
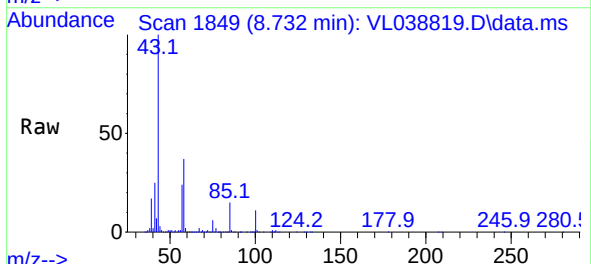
Manual Integrations
APPROVED

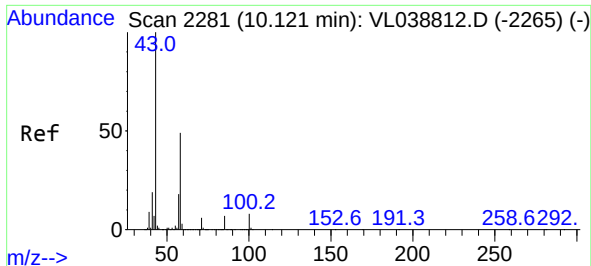
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#50
4-Methyl-2-Pentanone
Concen: 9.868 ppbv
RT: 8.732 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

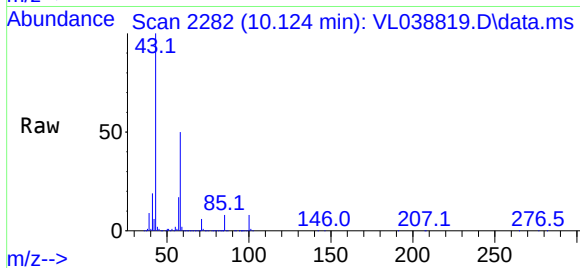
Tgt Ion: 43 Resp: 3431037
Ion Ratio Lower Upper
43 100
58 37.3 29.0 43.6





#51
2-Hexanone
Concen: 10.330 ppbv
RT: 10.124 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

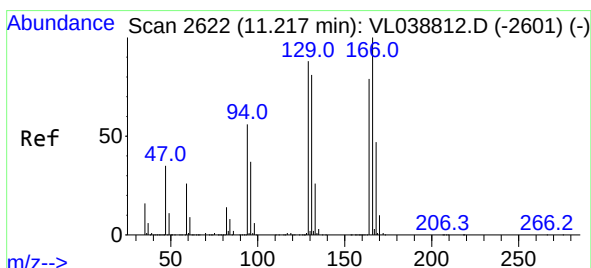
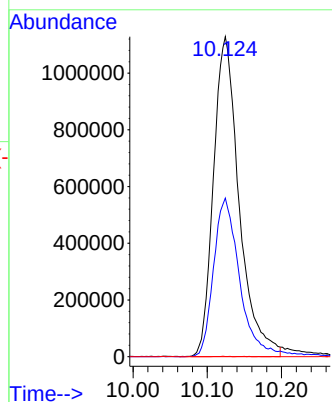
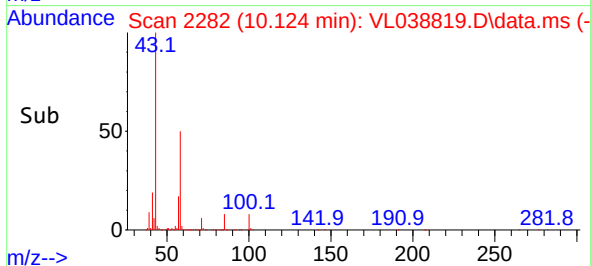
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040522



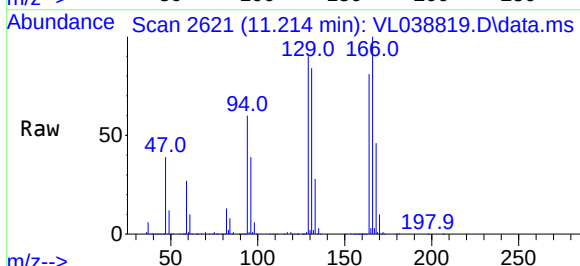
Tgt Ion: 43 Resp: 270633
Ion Ratio Lower Upper
43 100
58 51.6 41.4 62.0
98 0.1 0.1 0.1

Manual Integrations
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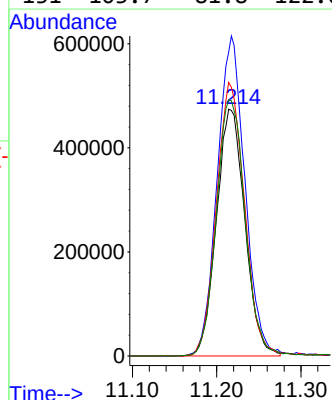
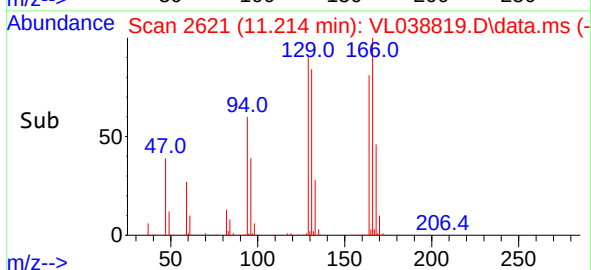
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

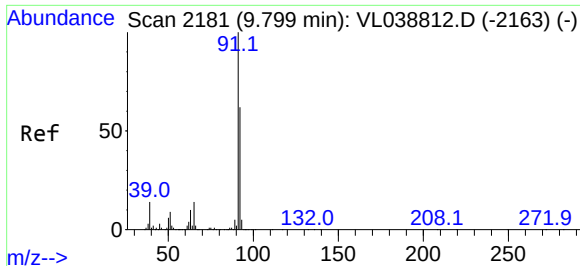


#52
Tetrachloroethene
Concen: 8.921 ppbv
RT: 11.214 min Scan# 2621
Delta R.T. -0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22



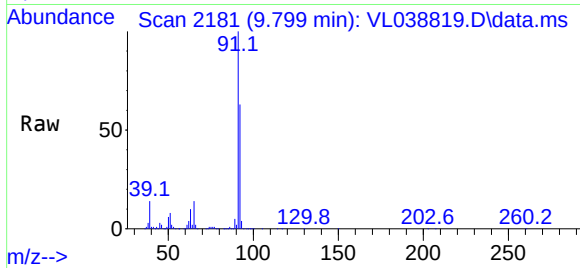
Tgt Ion:164 Resp: 1109043
Ion Ratio Lower Upper
164 100
166 123.1 101.0 151.6
129 110.8 88.7 133.1
131 103.7 81.8 122.6





#53
Toluene
Concen: 9.418 ppbv
RT: 9.799 min Scan# 2181
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

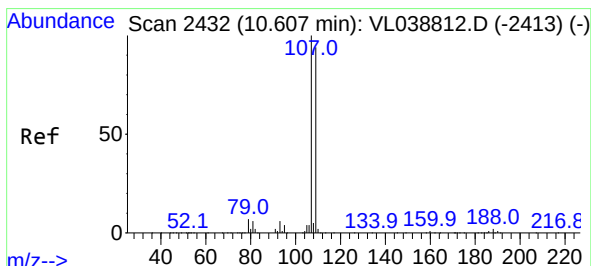
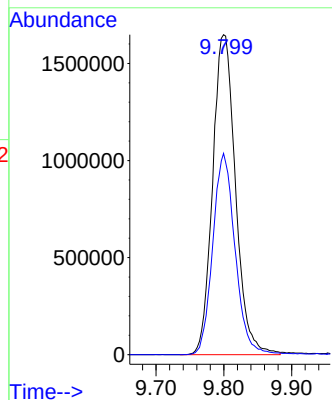
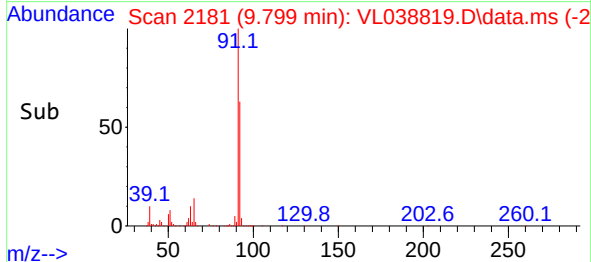
Instrument : MSVOA_L
ClientSampleId : ICVVL040522



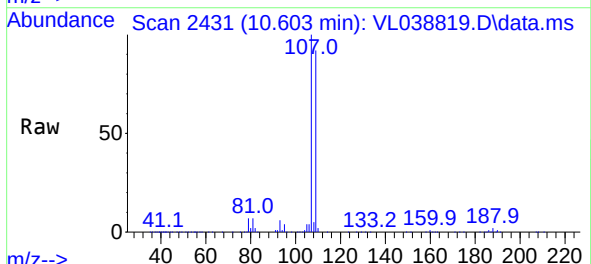
Tgt Ion: 91 Resp: 3869379
Ion Ratio Lower Upper
91 100
92 61.7 49.2 73.8

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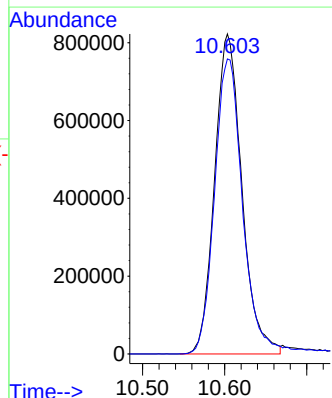
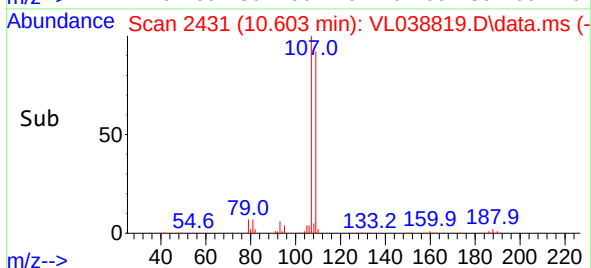
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

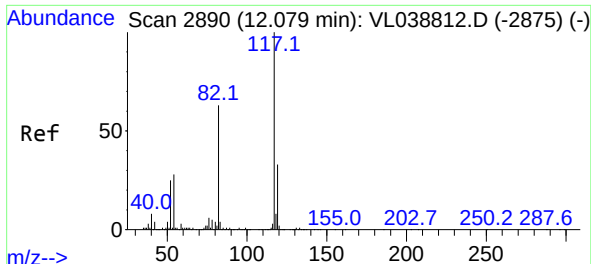


#54
1,2-Dibromoethane
Concen: 9.807 ppbv
RT: 10.603 min Scan# 2431
Delta R.T. -0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22



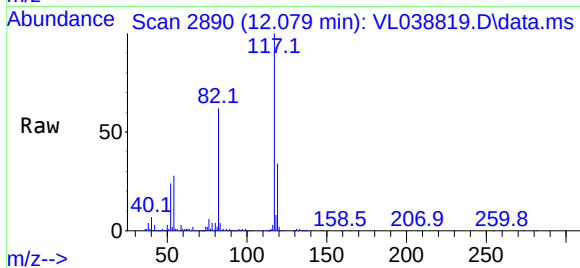
Tgt Ion:107 Resp: 1900053
Ion Ratio Lower Upper
107 100
109 92.1 75.5 113.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.079 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

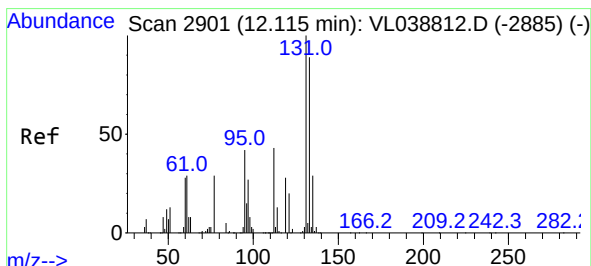
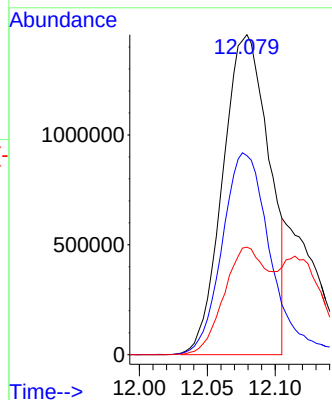
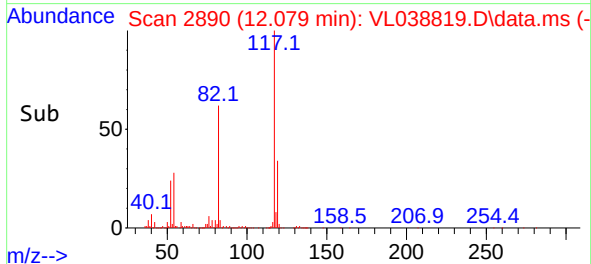
Instrument : MSVOA_L
ClientSampleId : ICVVL040522



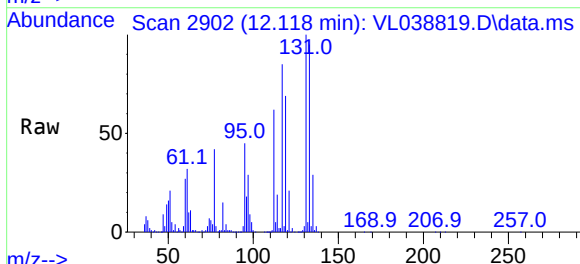
Tgt Ion:117 Resp: 344871
Ion Ratio Lower Upper
117 100
82 67.9 53.0 79.6
119 31.8 24.9 37.3

Manual Integrations
APPROVED

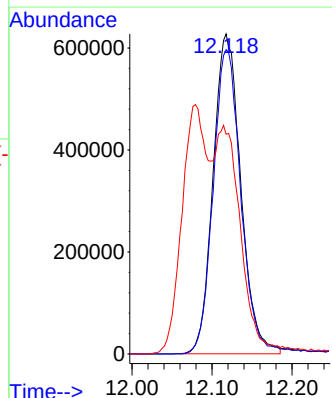
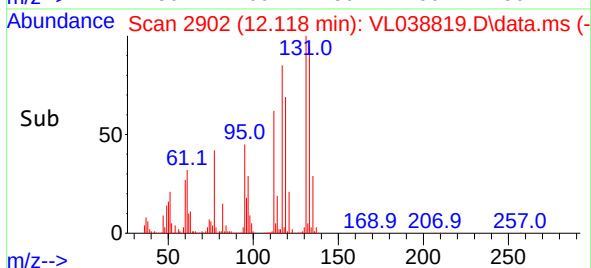
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

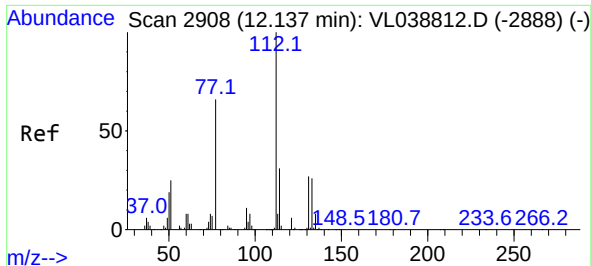


#56
1,1,1,2-Tetrachloroethane
Concen: 9.950 ppbv
RT: 12.118 min Scan# 2902
Delta R.T. 0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22



Tgt Ion:131 Resp: 1503829
Ion Ratio Lower Upper
131 100
133 96.7 78.2 117.4
119 71.2 58.6 87.8





#57
Chlorobenzene
Concen: 9.750 ppbv
RT: 12.140 min Scan# 2909
Delta R.T. 0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

Instrument :

MSVOA_L

ClientSampleId :

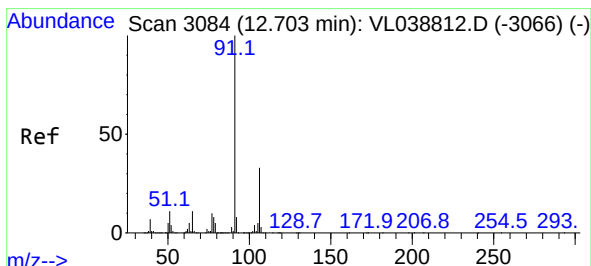
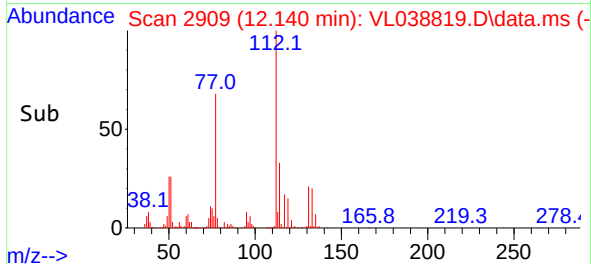
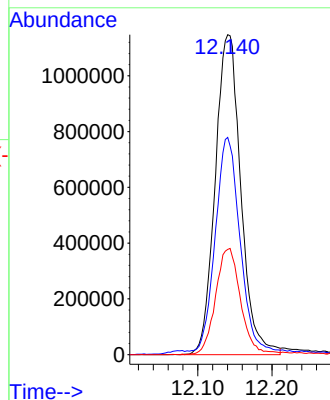
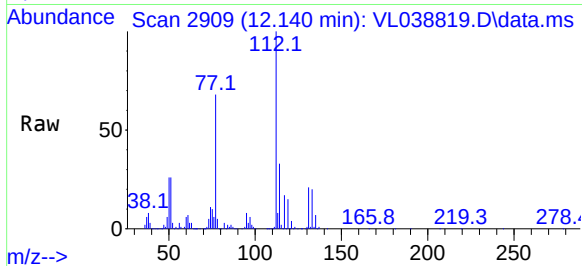
ICVVL040522

Tgt Ion:112 Resp: 2754014
Ion Ratio Lower Upper
112 100
77 66.7 52.4 78.6
114 32.9 28.1 34.3

Manual Integrations

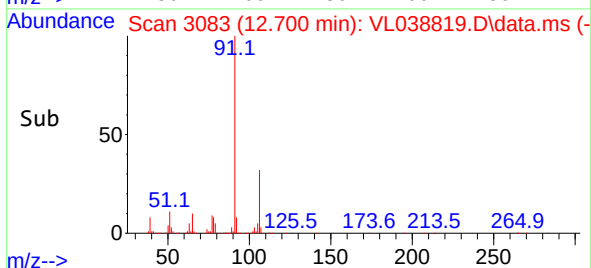
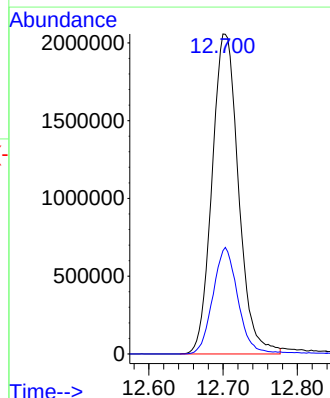
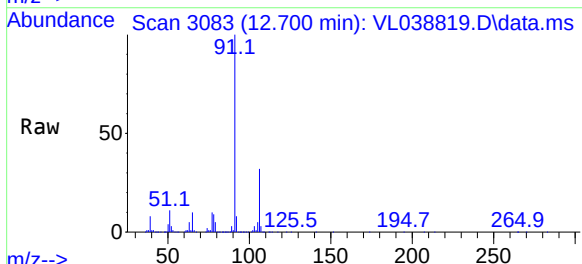
APPROVED

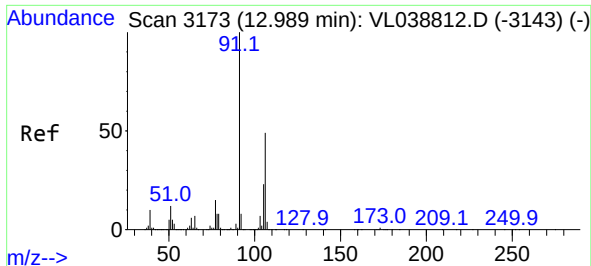
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#58
Ethyl Benzene
Concen: 9.887 ppbv
RT: 12.700 min Scan# 3083
Delta R.T. -0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

Tgt Ion: 91 Resp: 5095084
Ion Ratio Lower Upper
91 100
106 32.3 26.7 40.1





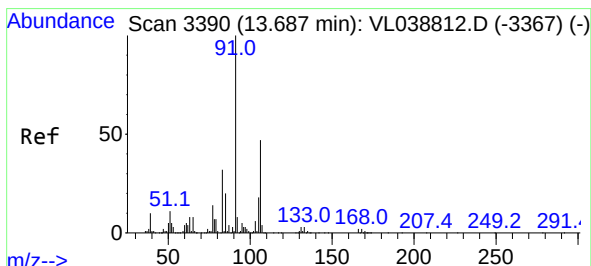
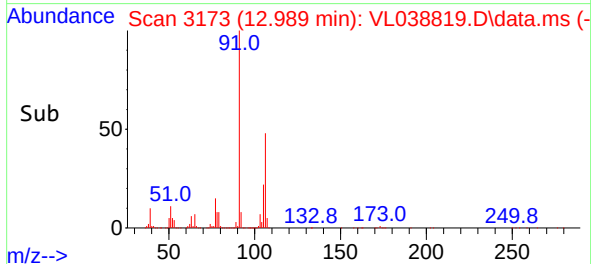
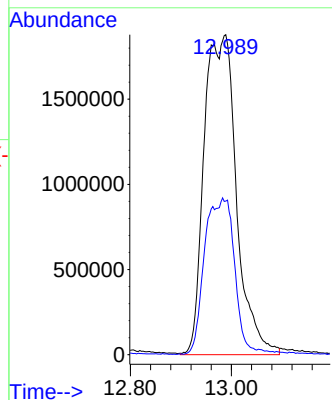
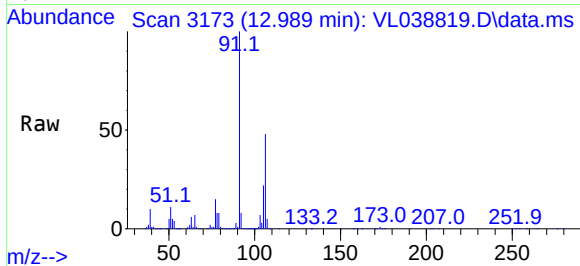
#59
m/p-Xylene
Concen: 19.321 ppbv m
RT: 12.989 min Scan# 3173
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

Instrument : MSVOA_L
ClientSampleId : ICVVL040522

Tgt Ion: 91 Resp: 836504
Ion Ratio Lower Upper
91 100
106 45.9 37.1 55.7

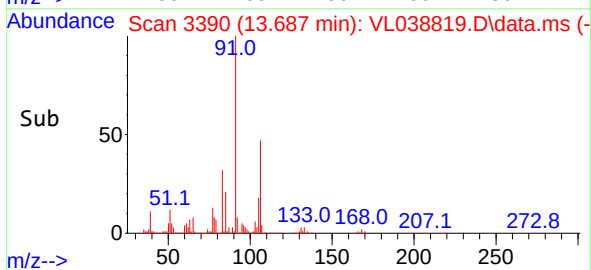
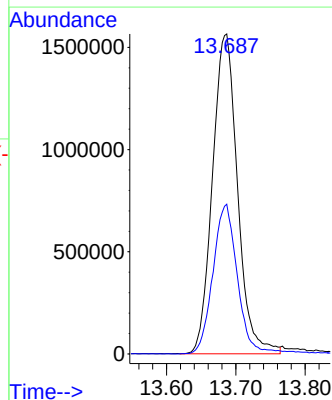
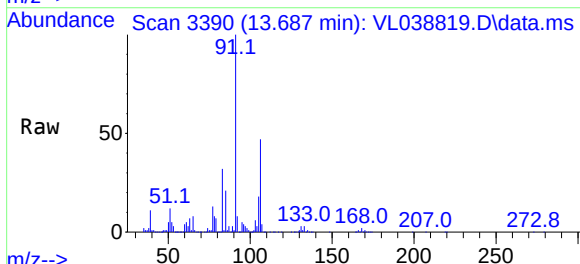
Manual Integrations
APPROVED

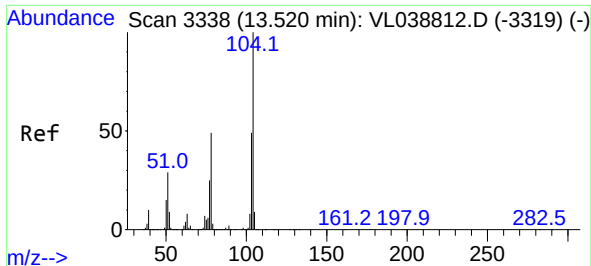
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#60
o-Xylene
Concen: 9.711 ppbv
RT: 13.687 min Scan# 3390
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

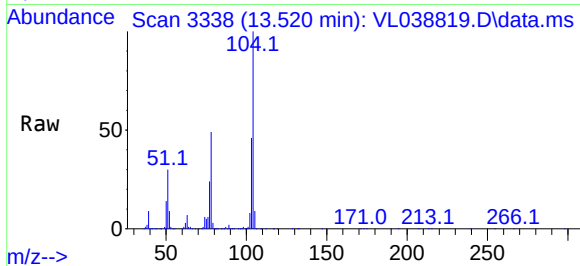
Tgt Ion: 91 Resp: 3934349
Ion Ratio Lower Upper
91 100
106 46.5 23.8 71.4





#61
Styrene
Concen: 10.156 ppbv
RT: 13.520 min Scan# 3338
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

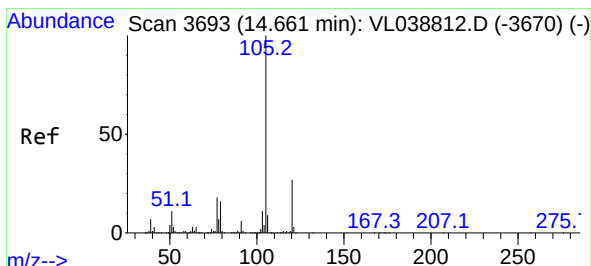
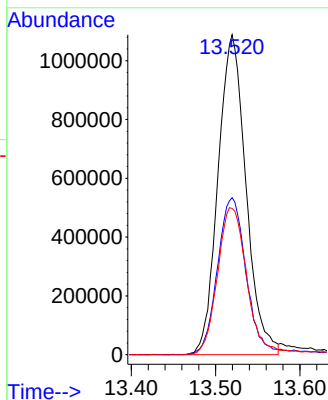
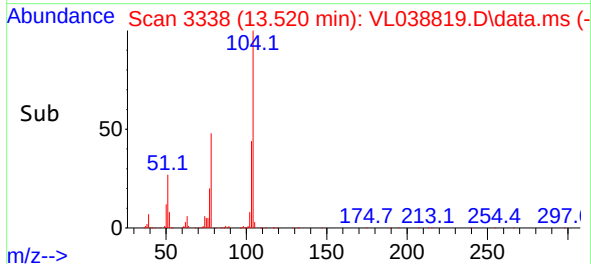
Instrument : MSVOA_L
ClientSampleId : ICVVL040522



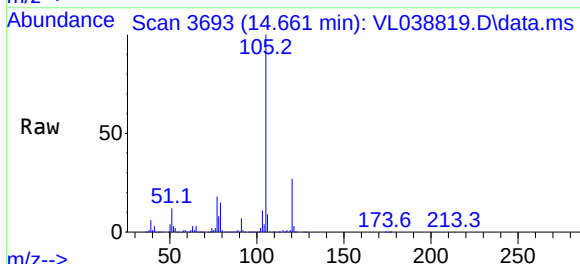
Tgt Ion:104 Resp: 2506638
Ion Ratio Lower Upper
104 100
78 51.4 40.5 60.7
103 49.2 39.0 58.4

Manual Integrations
APPROVED

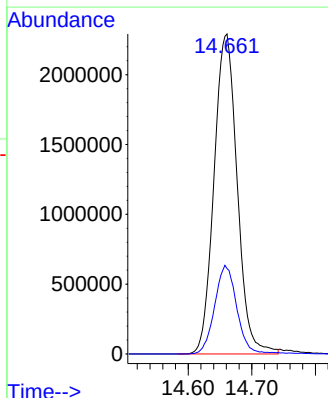
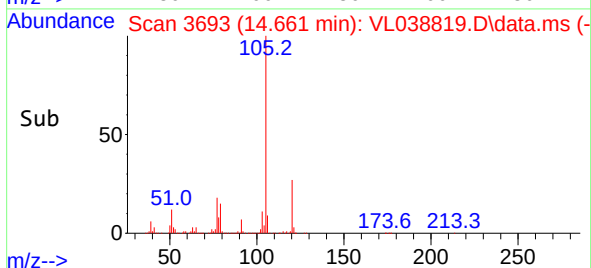
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

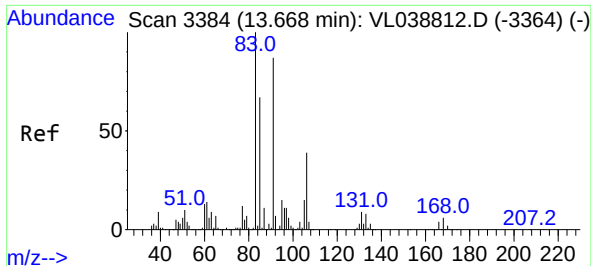


#62
Isopropylbenzene
Concen: 9.538 ppbv
RT: 14.661 min Scan# 3693
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22



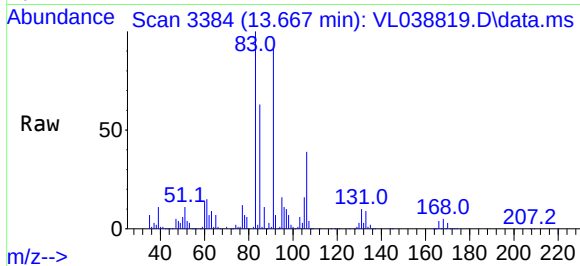
Tgt Ion:105 Resp: 5800100
Ion Ratio Lower Upper
105 100
120 26.7 21.8 32.8





#63
1,1,2,2-Tetrachloroethane
Concen: 9.741 ppbv
RT: 13.667 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

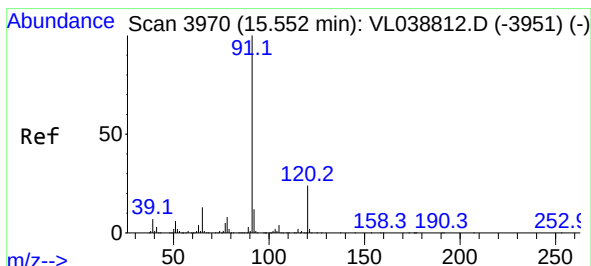
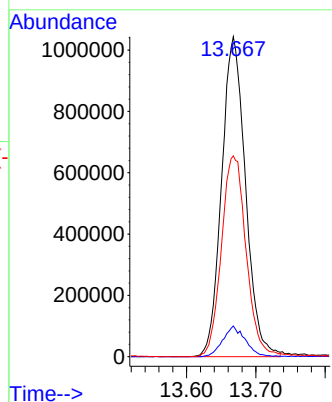
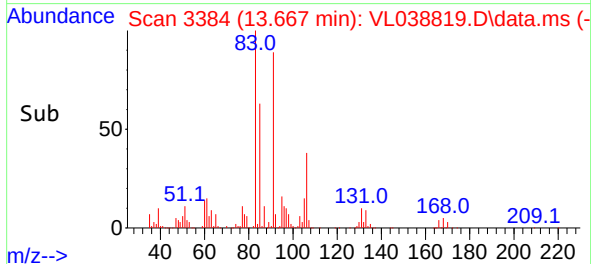
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040522



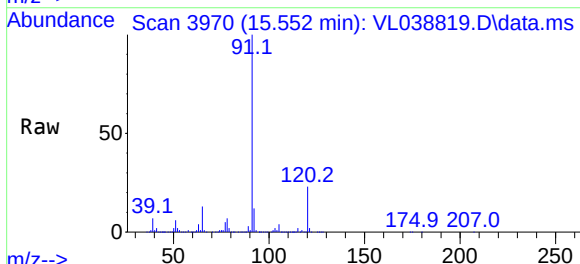
Tgt Ion: 83 Resp: 249944
Ion Ratio Lower Upper
83 100
131 9.1 4.6 13.8
85 65.4 33.0 99.0

Manual Integrations
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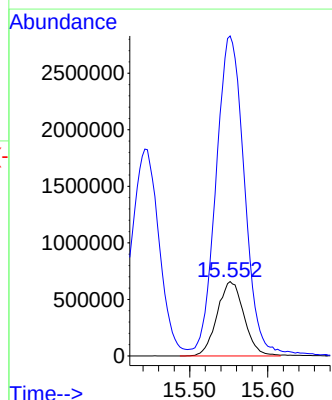
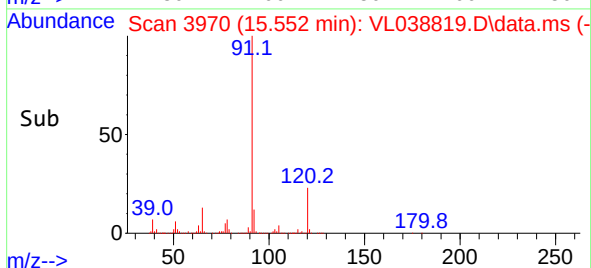
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

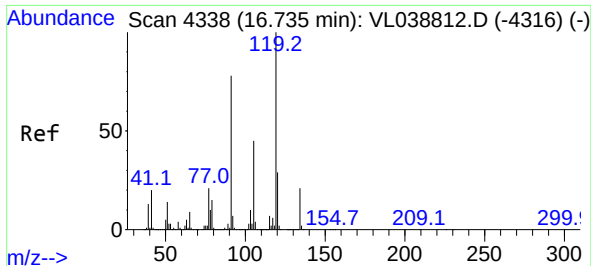


#64
n-propylbenzene
Concen: 9.954 ppbv
RT: 15.552 min Scan# 3970
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22



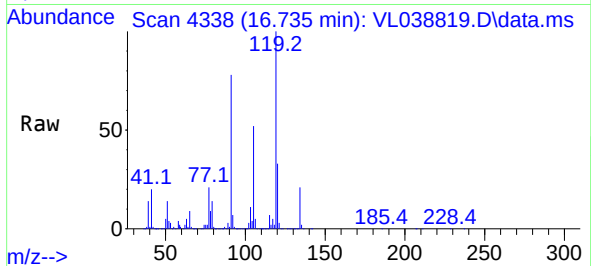
Tgt Ion:120 Resp: 1571640
Ion Ratio Lower Upper
120 100
91 460.5 360.6 540.8





#65
tert-Butylbenzene
Concen: 9.306 ppbv
RT: 16.735 min Scan# 411
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

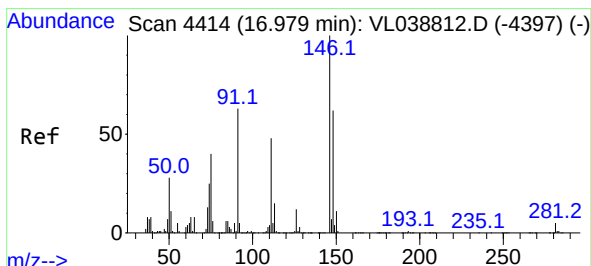
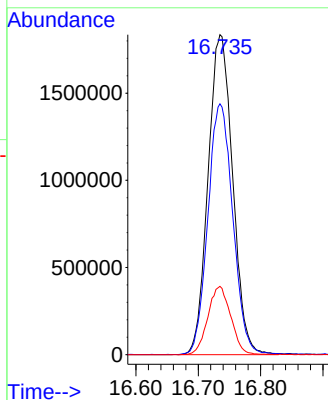
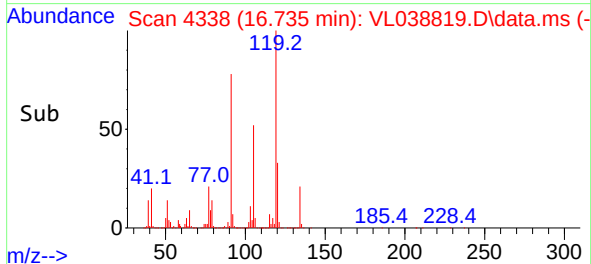
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040522



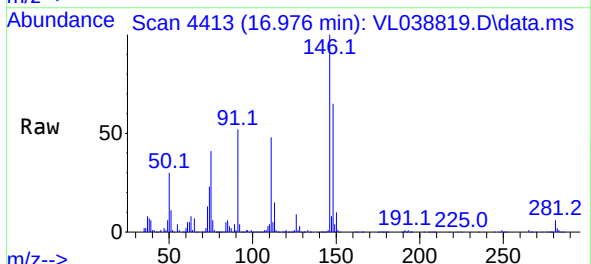
Tgt Ion: 119 Resp: 5020424
Ion Ratio Lower Upper
119 100
91 79.7 62.8 94.2
134 20.0 16.2 24.4

Manual Integrations
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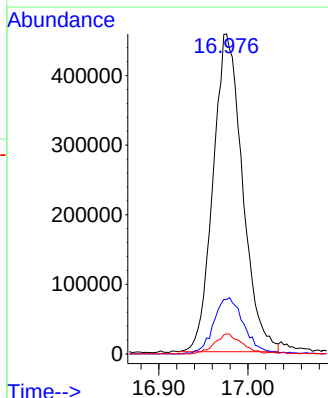
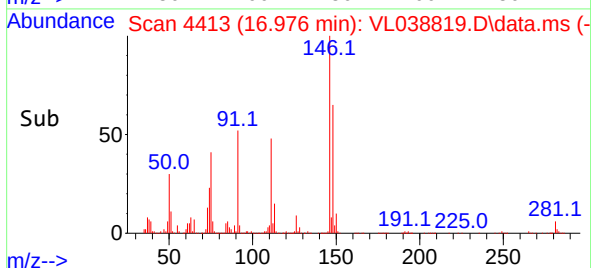
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

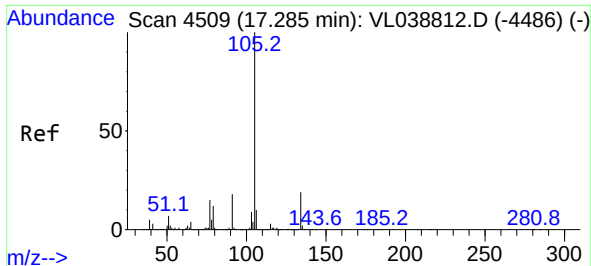


#66
Benzyl Chloride
Concen: 9.539 ppbv
RT: 16.976 min Scan# 4413
Delta R.T. -0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22



Tgt Ion: 91 Resp: 1047741
Ion Ratio Lower Upper
91 100
126 18.6 15.4 23.0
128 6.1 4.7 7.1





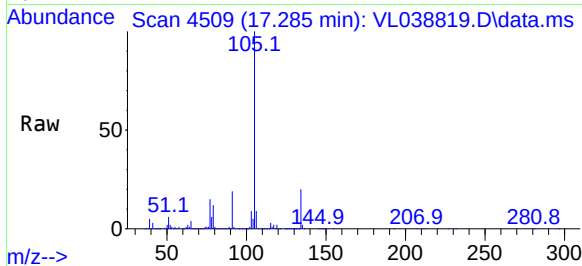
#67
 sec-Butylbenzene
 Concen: 9.517 ppbv
 RT: 17.285 min Scan# 4509
 Delta R.T. -0.000 min
 Lab File: VL038819.D
 Acq: 5 Apr 2022 20:22

Instrument :

MSVOA_L

ClientSampleId :

ICVVL040522

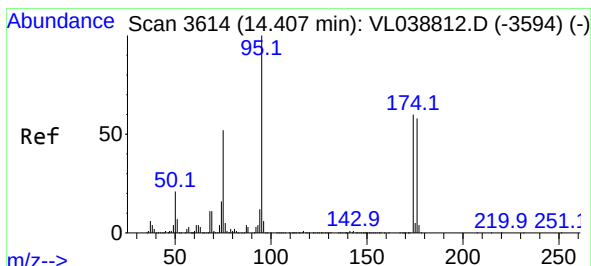
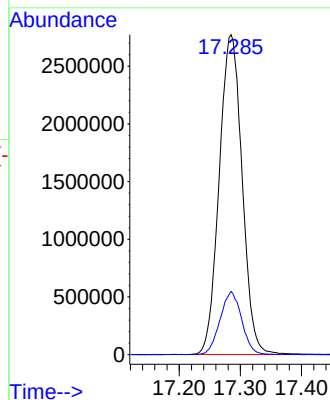
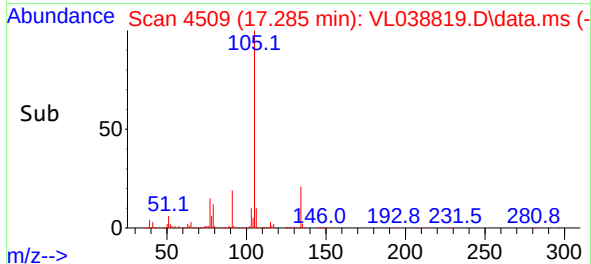


Tgt Ion: 105 Resp: 7204970
 Ion Ratio Lower Upper
 105 100
 134 18.7 15.1 22.7

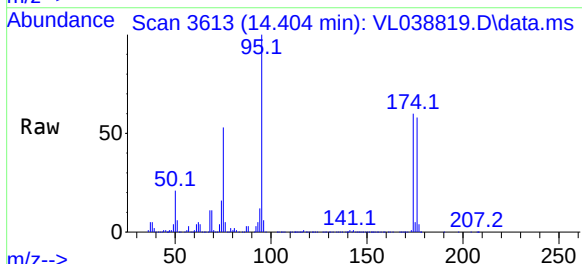
Manual Integrations

APPROVED

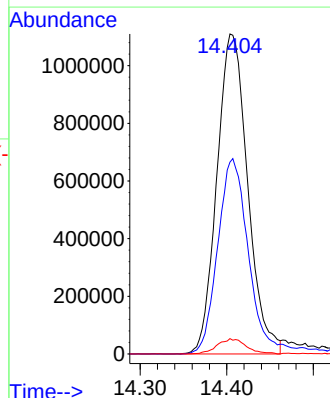
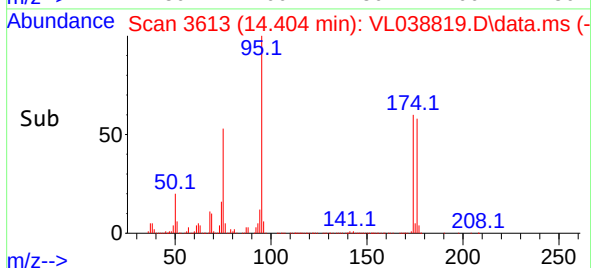
Reviewed By : Semsettin Yesilyurt 04/07/2022
 Supervised By : Mahesh Dadoda 04/07/2022

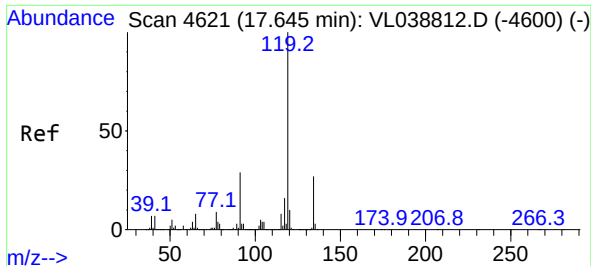


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.485 ppbv
 RT: 14.404 min Scan# 3613
 Delta R.T. -0.003 min
 Lab File: VL038819.D
 Acq: 5 Apr 2022 20:22



Tgt Ion: 95 Resp: 2742937
 Ion Ratio Lower Upper
 95 100
 174 63.4 52.0 78.0
 175 4.6 4.0 6.0





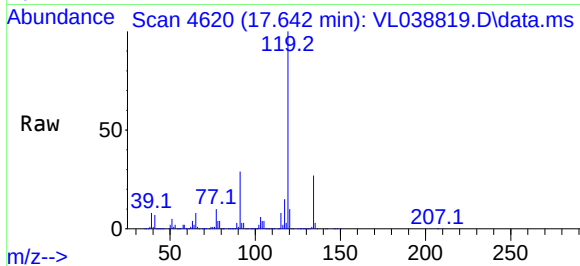
#69
p-Isopropyltoluene
Concen: 9.689 ppbv
RT: 17.642 min Scan# 4621
Delta R.T. -0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

Instrument :

MSVOA_L

ClientSampleId :

ICVVL040522

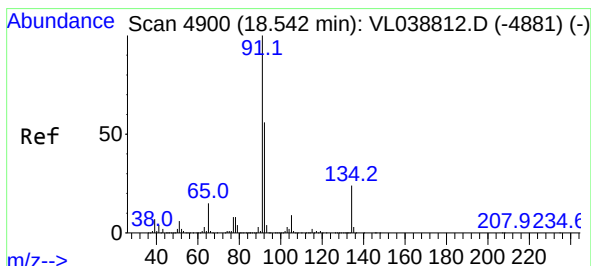
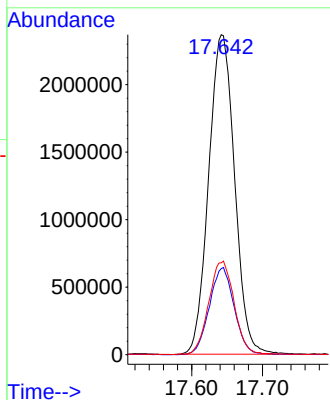
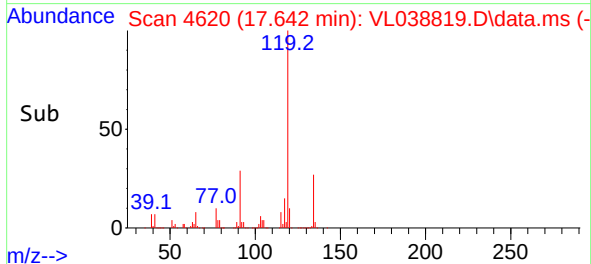


Tgt Ion: 119 Resp: 6022520
Ion Ratio Lower Upper
119 100
134 26.2 20.8 31.2
91 28.6 22.6 34.0

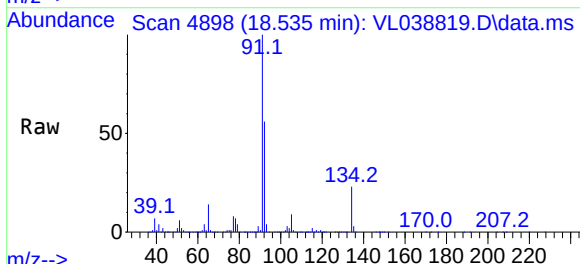
Manual Integrations

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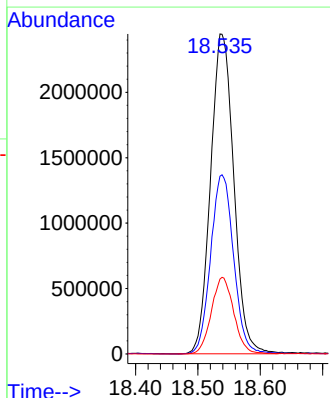
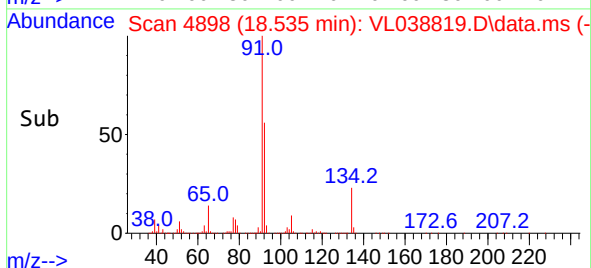
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

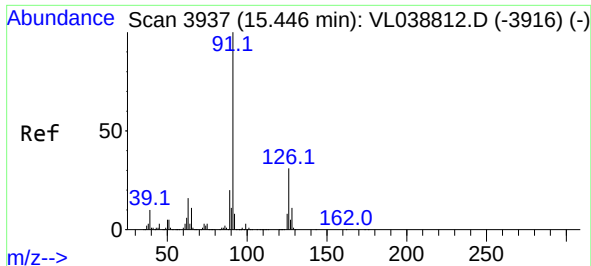


#70
n-Butylbenzene
Concen: 10.107 ppbv
RT: 18.535 min Scan# 4898
Delta R.T. -0.006 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22



Tgt Ion: 91 Resp: 6329287
Ion Ratio Lower Upper
91 100
92 55.5 44.6 66.8
134 23.3 19.2 28.8





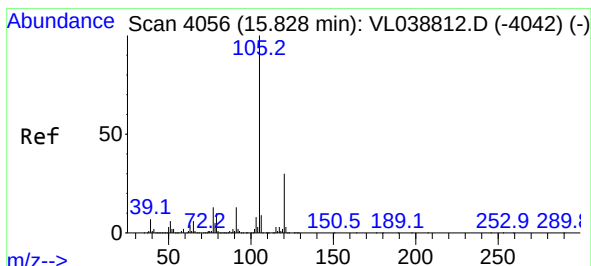
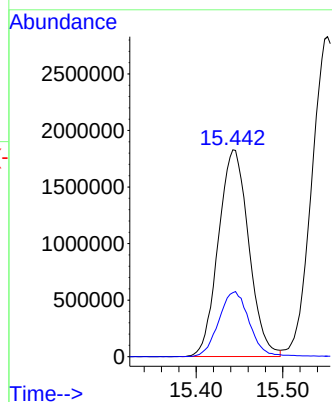
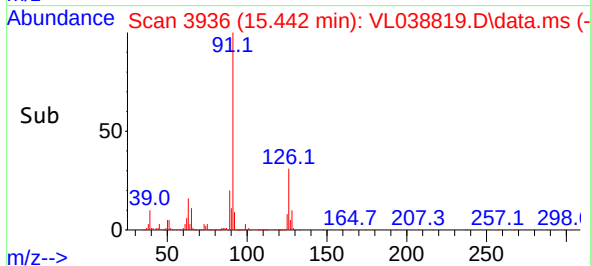
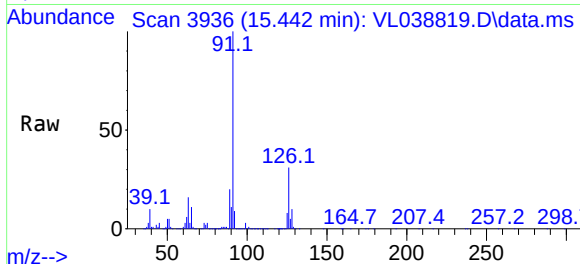
#71
2-Chlorotoluene
Concen: 9.764 ppbv
RT: 15.442 min Scan# 3937
Delta R.T. -0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

Instrument : MSVOA_L
ClientSampleId : ICVVL040522

Tgt Ion: 91 Resp: 446454
Ion Ratio Lower Upper
91 100
126 32.1 13.0 51.8

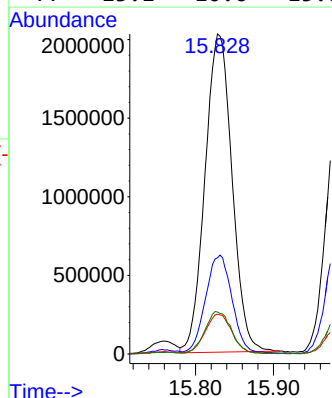
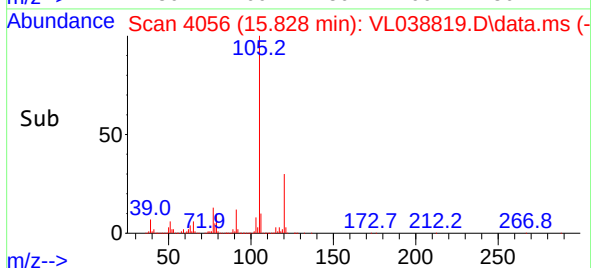
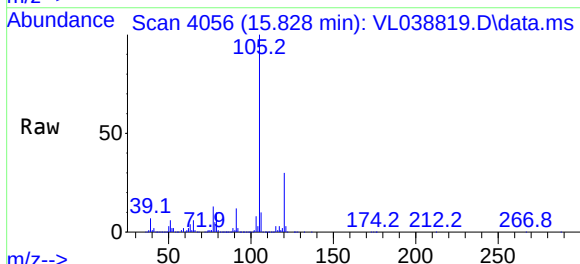
Manual Integrations
APPROVED

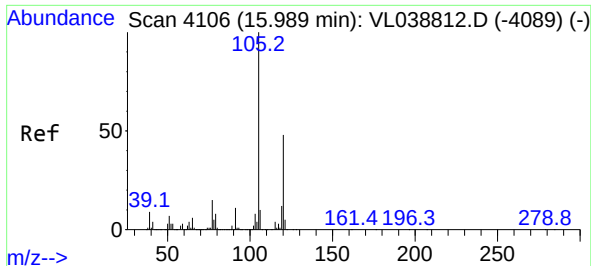
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022



#72
4-Ethyltoluene
Concen: 10.102 ppbv
RT: 15.828 min Scan# 4056
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

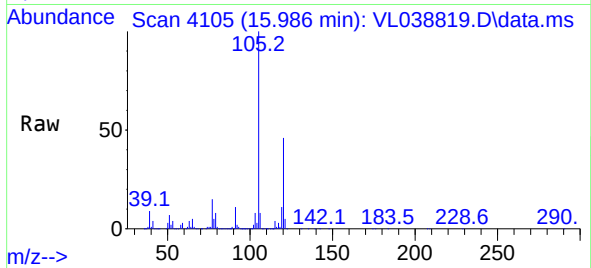
Tgt Ion:105 Resp: 4886752
Ion Ratio Lower Upper
105 100
120 30.8 24.3 36.5
91 12.4 9.4 14.2
77 13.1 10.6 15.8





#73
1,3,5-Trimethylbenzene
Concen: 9.937 ppbv
RT: 15.986 min Scan# 4106
Delta R.T. -0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

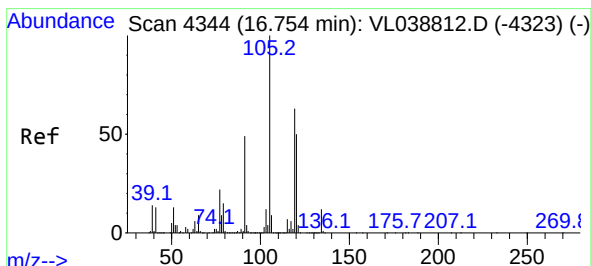
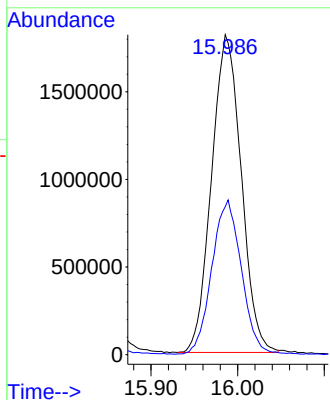
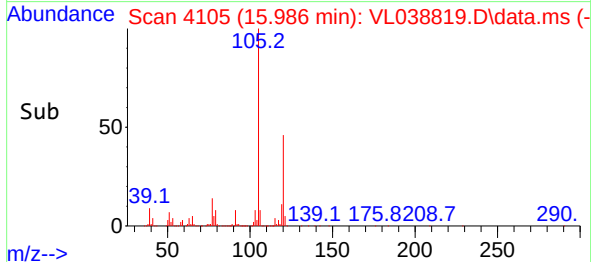
Instrument : MSVOA_L
ClientSampleId : ICVVL040522



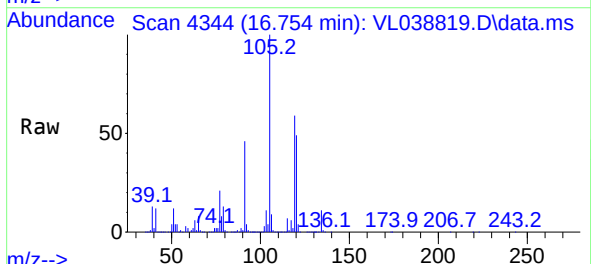
Tgt Ion:105 Resp: 431817
Ion Ratio Lower Upper
105 100
120 46.3 38.7 58.1

Manual Integrations
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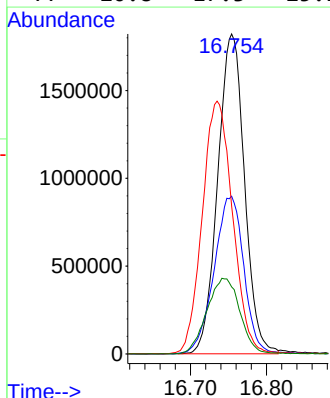
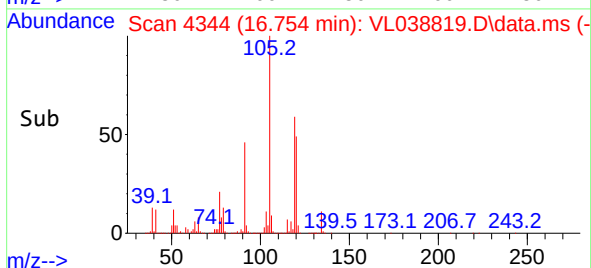
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

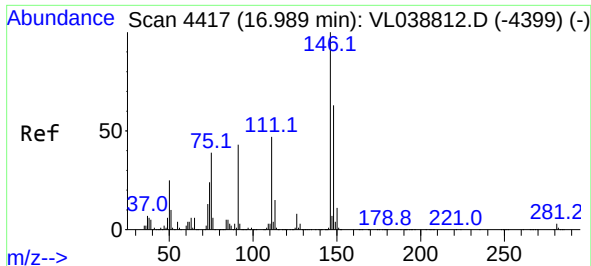


#74
1,2,4-Trimethylbenzene
Concen: 9.692 ppbv
RT: 16.754 min Scan# 4344
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22



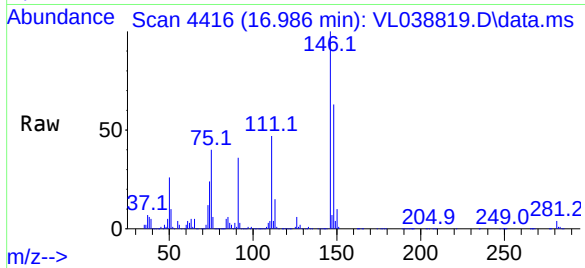
Tgt Ion:105 Resp: 4452662
Ion Ratio Lower Upper
105 100
120 49.1 39.8 59.8
91 45.8 39.4 59.0
77 20.8 17.3 25.9





#75
1,3-Dichlorobenzene
Concen: 9.751 ppbv
RT: 16.986 min Scan# 4416
Delta R.T. -0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

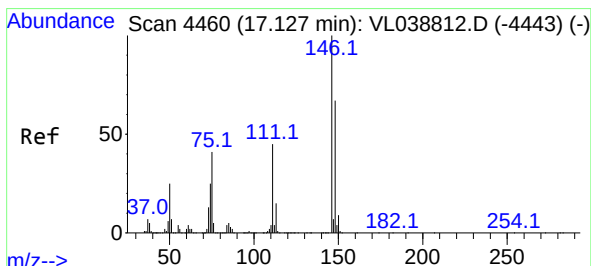
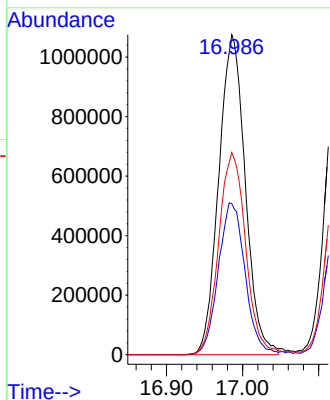
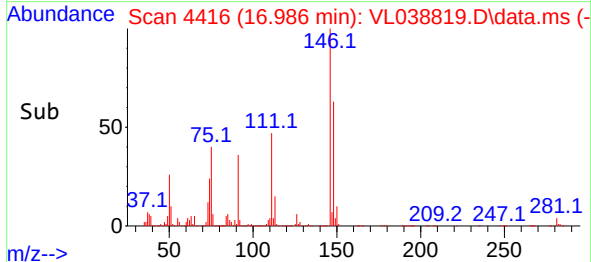
Instrument : MSVOA_1
ClientSampleId : ICVVL040522



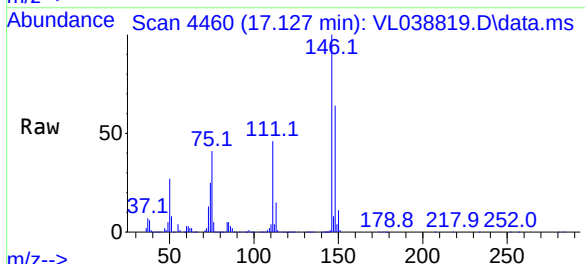
Tgt Ion:146 Resp: 2601039
Ion Ratio Lower Upper
146 100
111 48.4 23.8 71.2
148 64.8 31.8 95.4

Manual Integrations
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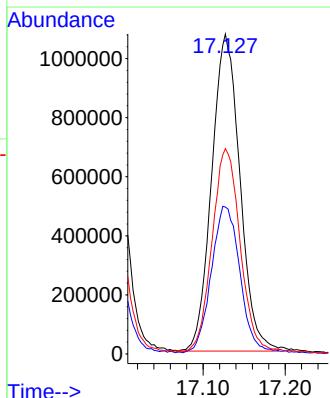
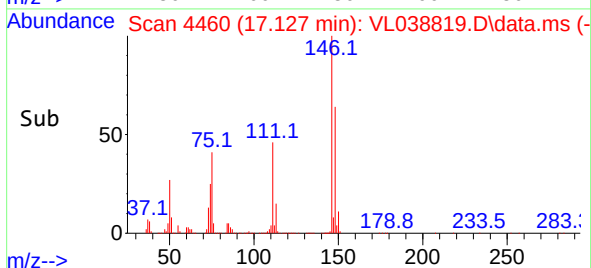
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

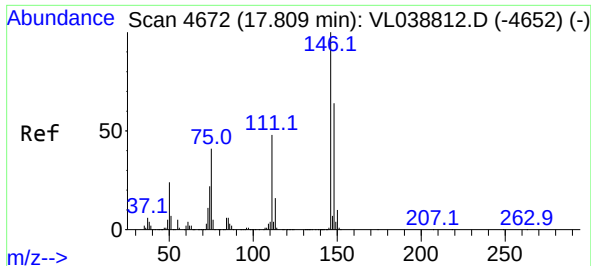


#76
1,4-Dichlorobenzene
Concen: 9.753 ppbv
RT: 17.127 min Scan# 4460
Delta R.T. -0.000 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22



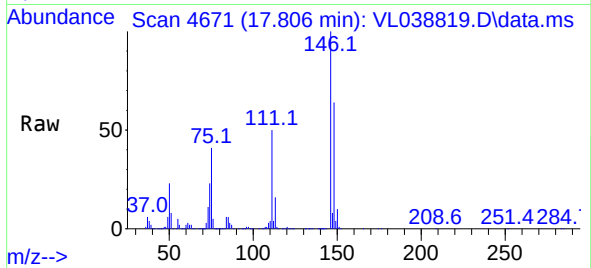
Tgt Ion:146 Resp: 2562668
Ion Ratio Lower Upper
146 100
111 48.4 23.6 70.8
148 66.2 33.6 100.6





#77
1,2-Dichlorobenzene
Concen: 9.839 ppbv
RT: 17.806 min Scan# 41
Delta R.T. -0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

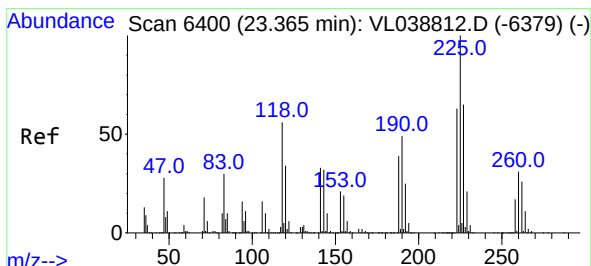
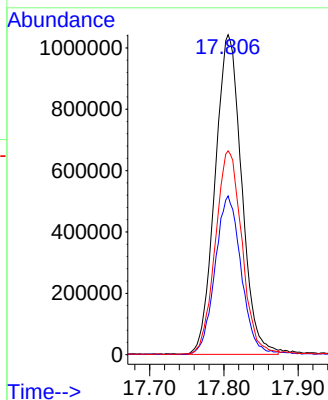
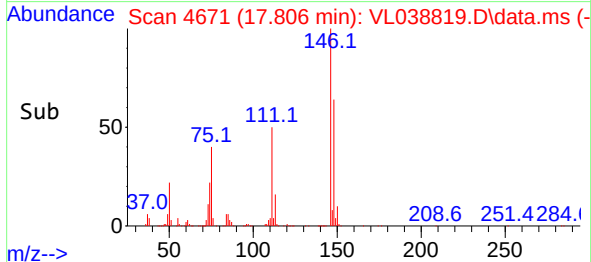
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040522



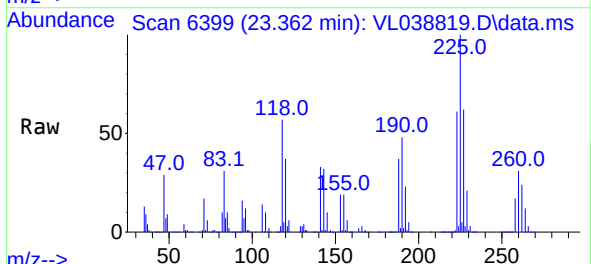
Tgt Ion:146 Resp: 2586972
Ion Ratio Lower Upper
146 100
111 49.3 24.8 74.3
148 64.7 31.9 95.7

Manual Integrations
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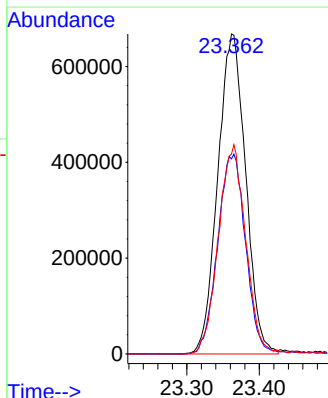
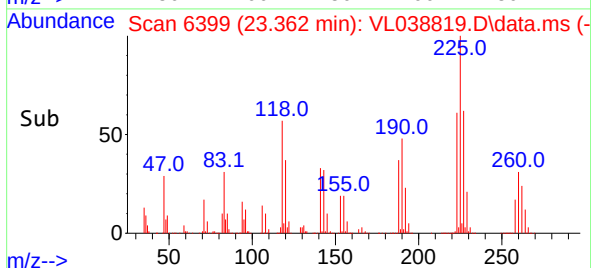
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

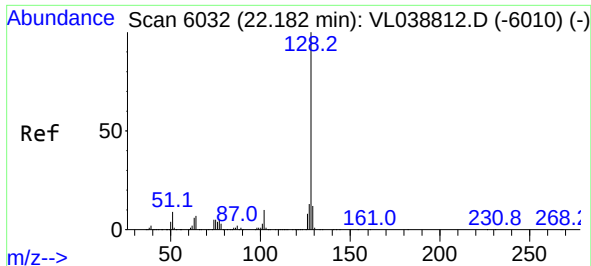


#78
Hexachloro-1,3-Butadiene
Concen: 8.573 ppbv
RT: 23.362 min Scan# 6399
Delta R.T. -0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22



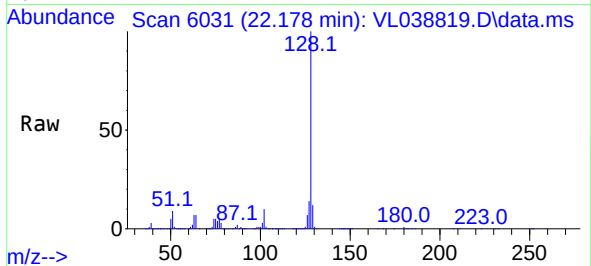
Tgt Ion:225 Resp: 1781095
Ion Ratio Lower Upper
225 100
223 63.4 51.6 77.4
227 64.7 52.3 78.5





#79
Naphthalene
Concen: 10.679 ppbv
RT: 22.178 min Scan# 6031
Delta R.T. -0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22

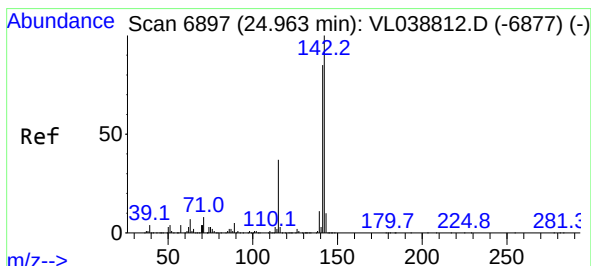
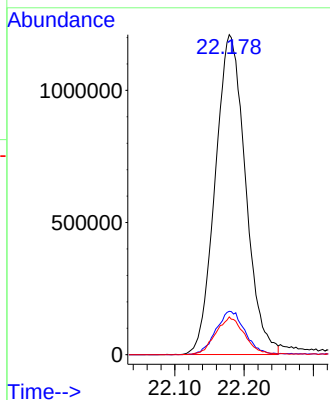
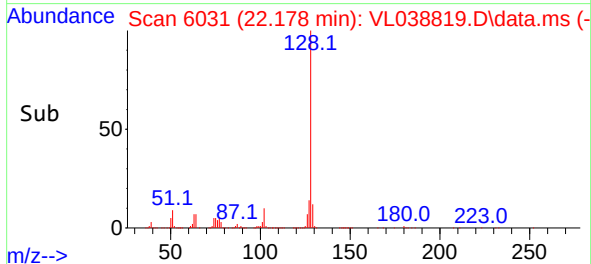
Instrument :
MSVOA_L
ClientSampleId :
ICVVL040522



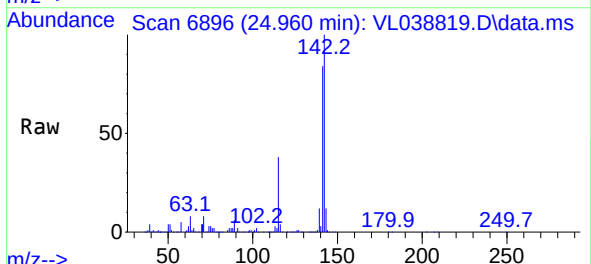
Tgt Ion:128 Resp: 366989
Ion Ratio Lower Upper
128 100
127 13.5 10.6 15.8
129 11.8 9.4 14.0

Manual Integrations
APPROVED

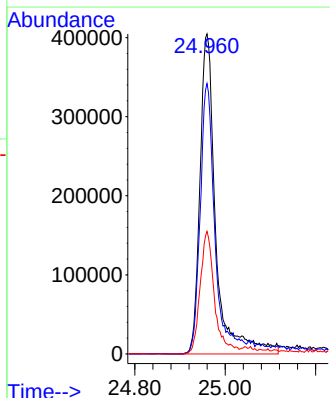
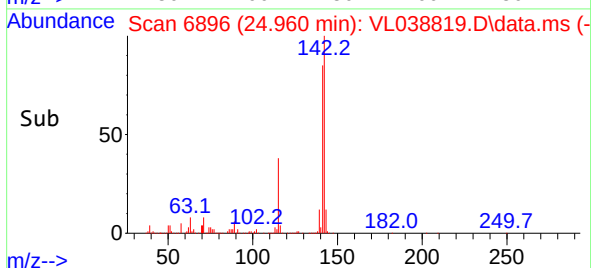
Reviewed By :Semsettin Yesilyurt 04/07/2022
Supervised By :Mahesh Dadoda 04/07/2022

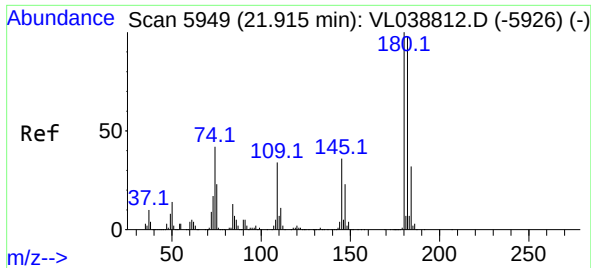


#80
Naphthalene,2-methyl-
Concen: 11.667 ppbv
RT: 24.960 min Scan# 6896
Delta R.T. -0.003 min
Lab File: VL038819.D
Acq: 5 Apr 2022 20:22



Tgt Ion:142 Resp: 987990
Ion Ratio Lower Upper
142 100
141 81.6 68.8 103.2
115 34.9 31.6 47.4





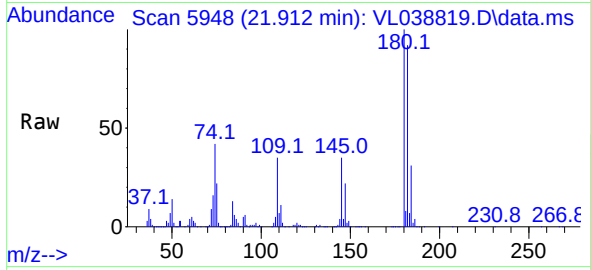
#81
 1,2,4-Trichlorobenzene
 Concen: 9.921 ppbv
 RT: 21.912 min Scan# 5948
 Delta R.T. -0.003 min
 Lab File: VL038819.D
 Acq: 5 Apr 2022 20:22

Instrument :

MSVOA_L

ClientSampleId :

ICVVL040522



Tgt Ion:180 Resp: 199523

Ion	Ratio	Lower	Upper
180	100		
182	97.4	79.4	119.0
184	31.6	25.0	37.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/07/2022
 Supervised By :Mahesh Dadoda 04/07/2022

