

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041222\
 Data File : VL038892.D
 Acq On : 12 Apr 2022 15:08
 Operator : SY/AP
 Sample : VL0412ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0412ABS01

Quant Time: Apr 13 01:17:31 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 13 01:17:31 2022
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 04/13/2022
 Supervised By : Mahesh Dadoda 04/14/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.664	49	1124730	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.172	114	3066296	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	2815749m	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.413	95	2226510	10.425	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	= 104.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.050	85	1683903	10.555	ppbv	100
3) Chlorodifluoromethane	2.989	51	1396653	10.175	ppbv	98
4) Chloromethane	3.140	50	695275	9.782	ppbv	93
5) Vinyl Chloride	3.259	62	660738	10.061	ppbv	98
6) Bromomethane	3.472	94	308426	9.707	ppbv	99
7) Chloroethane	3.558	64	218089	9.958	ppbv	98
8) Dichlorotetrafluoroethane	3.189	85	1564672	10.499	ppbv	95
9) Propene	3.012	41	676245	9.312	ppbv	97
10) Heptane	8.118	43	1744474	9.536	ppbv	98
11) Trichlorofluoromethane	3.951	101	1401412	10.932	ppbv	95
12) 1,1,2-Trichlorotrifluo...	4.481	101	1042189	10.613	ppbv	96
13) Ethanol	3.607	45	38965m	8.829	ppbv	
14) Bromoethene	3.742	108	452623	10.481	ppbv	95
15) Acetone	3.848	43	1055145	9.423	ppbv	100
16) 1,3-Butadiene	3.330	39	625637	9.773	ppbv	99
17) tert-Butyl alcohol	4.279	59	850223	8.467	ppbv	99
18) 1,1-Dichloroethene	4.288	96	444499	9.930	ppbv	97
19) Isopropyl Alcohol	3.960	45	569084	9.944	ppbv #	100
20) Methylene Chloride	4.343	84	387538	9.543	ppbv	93
21) Allyl Chloride	4.410	41	806076	9.614	ppbv	98
22) trans-1,2-Dichloroethene	4.880	96	503130	11.101	ppbv	98
23) Vinyl Acetate	5.070	43	1083721	9.938	ppbv	99
24) 1,1-Dichloroethane	5.008	63	997554	10.123	ppbv	99
25) Ethyl Acetate	5.674	43	2880034	10.136	ppbv	99
26) Hexane	5.687	57	1244199	9.621	ppbv	99
27) Carbon Disulfide	4.549	76	1240956	10.463	ppbv	100
28) Methyl tert-Butyl Ether	5.031	73	950751	9.518	ppbv	98
29) Chloroform	5.751	83	1919969	10.611	ppbv	99
30) Cyclohexane	7.127	84	1074397	9.426	ppbv	99
31) cis-1,2-Dichloroethene	5.549	61	1249830	10.510	ppbv	99
32) 1,1,1-Trichloroethane	6.510	97	1898516	10.414	ppbv	99
34) 2-Butanone	5.240	43	1209820	9.985	ppbv	99
35) Carbon Tetrachloride	7.015	117	1935829	10.531	ppbv	99
36) Benzene	6.889	78	2699999	9.679	ppbv	99
37) 1,2-Dichloroethane	6.304	62	1470317	11.529	ppbv	97
38) Trichloroethene	7.835	130	1074055	9.384	ppbv	97
39) 1,2-Dichloropropane	7.610	63	1054859	9.887	ppbv	96
40) 1,4-Dioxane	7.825	88	365209	10.080	ppbv #	4
41) Tetrahydrofuran	6.044	42	1135934	9.871	ppbv	99
42) Bromodichloromethane	7.790	83	2182460	10.837	ppbv	99
43) Methyl Methacrylate	8.008	69	1125833	10.538	ppbv	99
44) 2,2,4-Trimethylpentane	7.867	57	4456199	9.436	ppbv	99
45) t-1,3-Dichloropropene	9.275	75	1229232	11.004	ppbv	99

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Manual Integrations
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Reviewed By : Semsettin Yesilyurt 04/13/2022
 Supervised By : Mahesh Dadoda 04/14/2022

Quant Time: Apr 13 01:17:31 2022

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

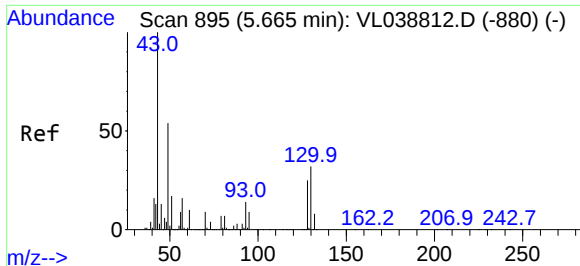
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 6 2022

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

Response via : Initial Calibration

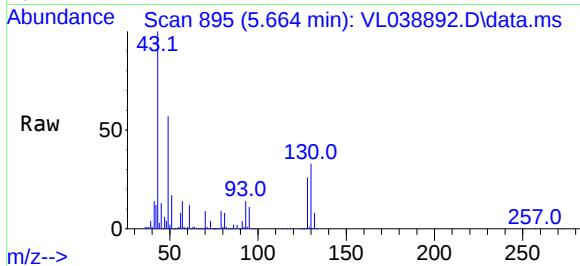
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.696	75	1519773	10.318	ppbv	95
47) 1,1,2-Trichloroethane	9.471	97	1089538	9.966	ppbv	98
48) Dibromochloromethane	10.301	129	1785381	10.420	ppbv	99
49) Bromoform	13.037	173	1435765	10.579	ppbv	99
50) 4-Methyl-2-Pentanone	8.735	43	2796515	10.261	ppbv	99
51) 2-Hexanone	10.127	43	2212483	10.774	ppbv #	99
52) Tetrachloroethene	11.220	164	882185	9.054	ppbv	95
53) Toluene	9.802	91	3117951	9.683	ppbv	99
54) 1,2-Dibromoethane	10.606	107	1578799	10.396	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.117	131	1240692	10.055	ppbv	98
57) Chlorobenzene	12.143	112	2180129	9.454	ppbv	98
58) Ethyl Benzene	12.706	91	4167093	9.904	ppbv	95
59) m/p-Xylene	12.989	91	6927621m	19.598	ppbv	
60) o-Xylene	13.690	91	3272529	9.894	ppbv	95
61) Styrene	13.523	104	2029340	10.070	ppbv	98
62) Isopropylbenzene	14.664	105	4733542	9.534	ppbv	96
63) 1,1,2,2-Tetrachloroethane	13.670	83	2034984	9.714	ppbv	99
64) n-propylbenzene	15.558	120	1211256	9.396	ppbv	84
65) tert-Butylbenzene	16.735	119	3998176	9.077	ppbv	95
66) Benzyl Chloride	16.982	91	773831	8.629	ppbv	94
67) sec-Butylbenzene	17.288	105	5869991	9.497	ppbv	98
69) p-Isopropyltoluene	17.648	119	4786777	9.432	ppbv	98
70) n-Butylbenzene	18.542	91	5232608	10.234	ppbv	98
71) 2-Chlorotoluene	15.445	91	3699882	9.911	ppbv	96
72) 4-Ethyltoluene	15.834	105	3933640	9.959	ppbv	98
73) 1,3,5-Trimethylbenzene	15.989	105	3502488	9.871	ppbv	93
74) 1,2,4-Trimethylbenzene	16.757	105	3642596	9.711	ppbv	98
75) 1,3-Dichlorobenzene	16.989	146	2056135	9.441	ppbv	98
76) 1,4-Dichlorobenzene	17.133	146	2019176	9.412	ppbv	99
77) 1,2-Dichlorobenzene	17.809	146	2048947	9.544	ppbv	99
78) Hexachloro-1,3-Butadiene	23.368	225	1451087	8.555	ppbv	99
79) Naphthalene	22.185	128	3043762	10.848	ppbv	99
80) Naphthalene,2-methyl-	24.966	142	820264	11.864	ppbv	97
81) 1,2,4-Trichlorobenzene	21.915	180	1649281	10.044	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.664 min Scan# 895
Delta R.T. -0.000 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

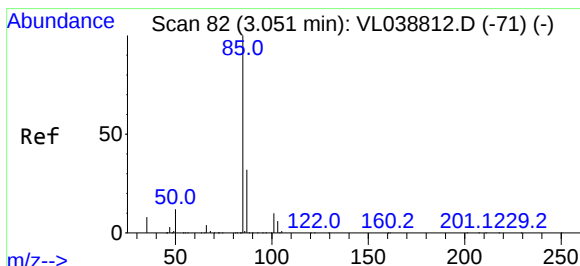
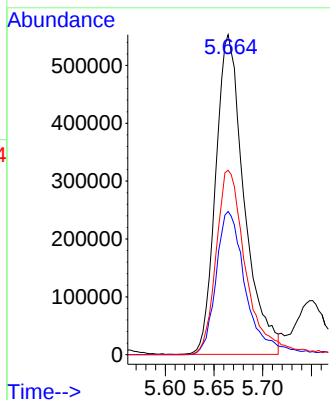
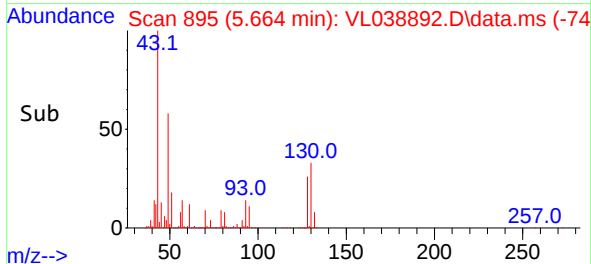
Instrument : MSVOA_L
ClientSampleId : VL0412ABS01



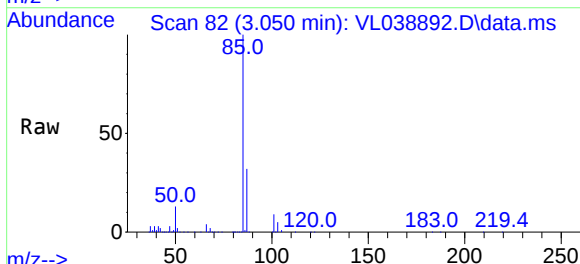
Tgt Ion: 49 Resp: 1124730
Ion Ratio Lower Upper
49 100
128 47.7 24.1 72.3
130 62.0 30.9 92.8

Manual Integrations
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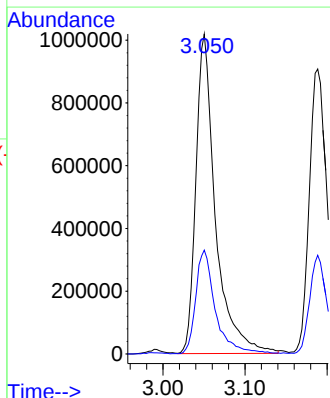
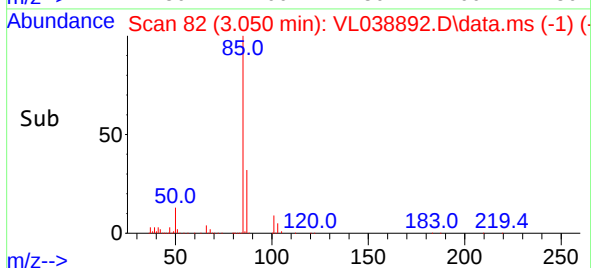
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

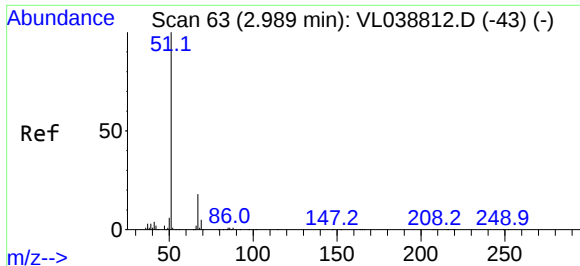


#2
Dichlorodifluoromethane
Concen: 10.555 ppbv
RT: 3.050 min Scan# 82
Delta R.T. -0.000 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08



Tgt Ion: 85 Resp: 1683903
Ion Ratio Lower Upper
85 100
87 32.4 25.9 38.9





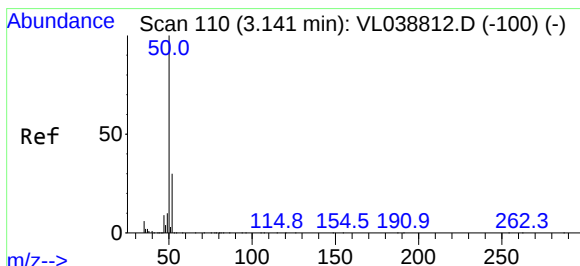
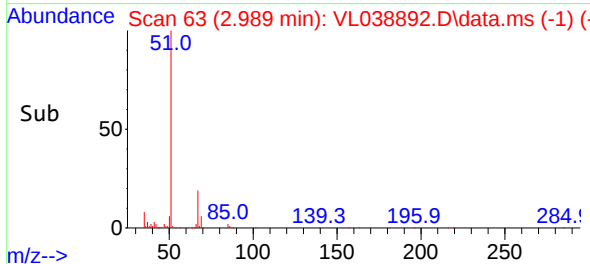
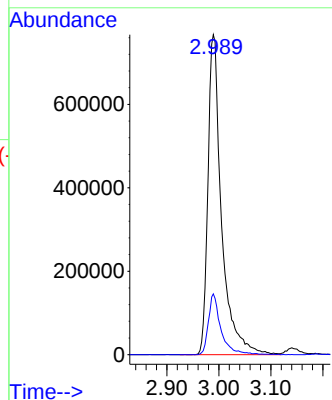
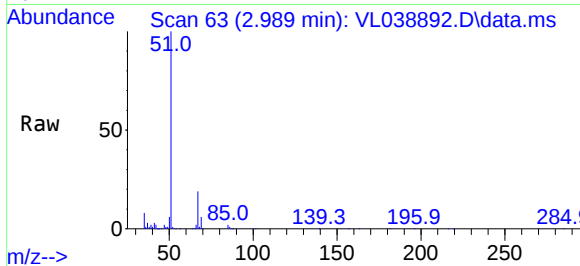
#3
Chlorodifluoromethane
Concen: 10.175 ppbv
RT: 2.989 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS01

Tgt Ion: 51 Resp: 139665
Ion Ratio Lower Upper
51 100
67 17.7 13.4 20.0

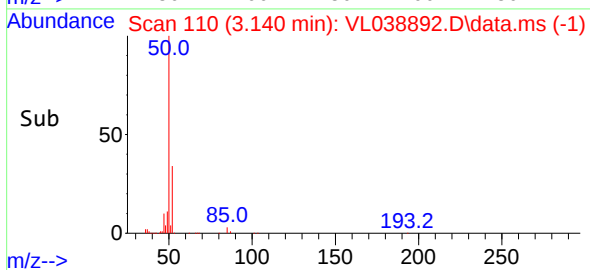
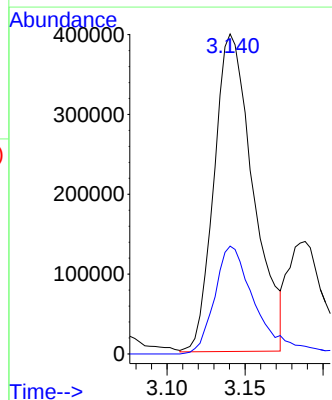
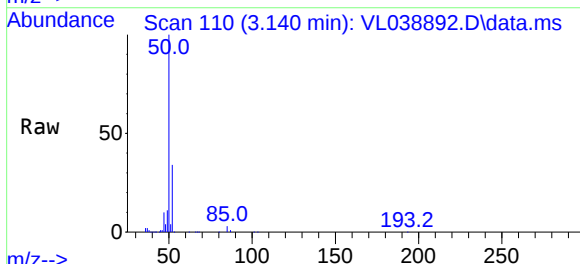
Manual Integrations
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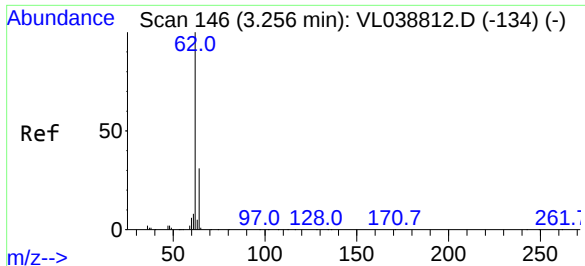
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#4
Chloromethane
Concen: 9.782 ppbv
RT: 3.140 min Scan# 110
Delta R.T. -0.000 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

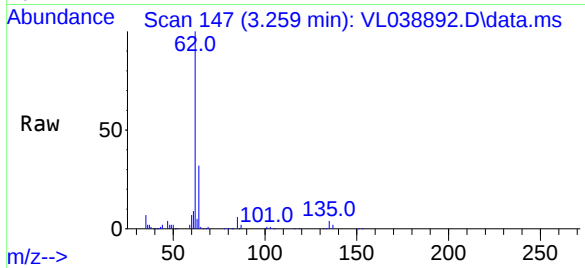
Tgt Ion: 50 Resp: 695275
Ion Ratio Lower Upper
50 100
52 34.1 24.3 36.5





#5
 Vinyl Chloride
 Concen: 10.061 ppbv
 RT: 3.259 min Scan# 146
 Delta R.T. 0.003 min
 Lab File: VL038892.D
 Acq: 12 Apr 2022 15:08

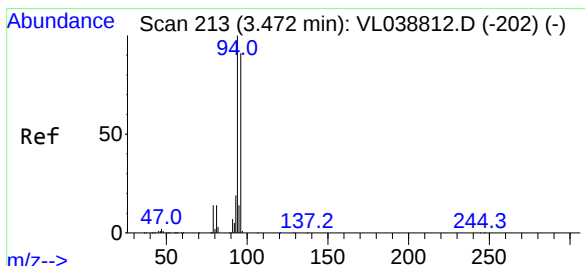
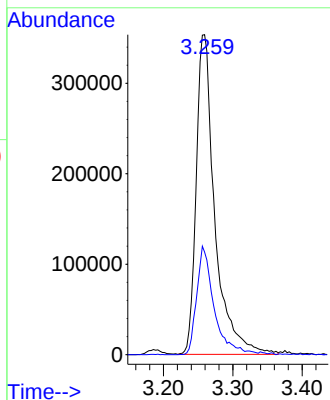
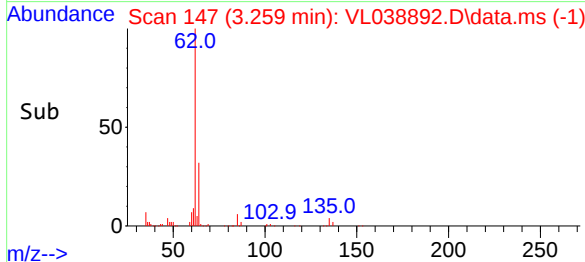
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0412ABS01



Tgt Ion: 62 Resp: 660738
 Ion Ratio Lower Upper
 62 100
 64 32.1 24.6 37.0

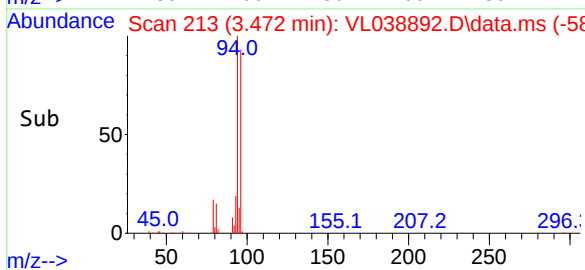
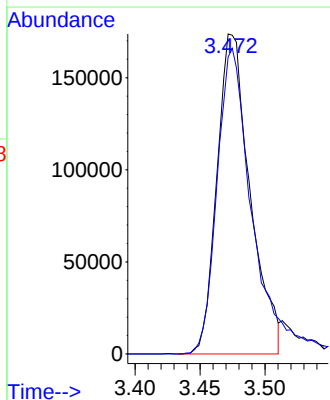
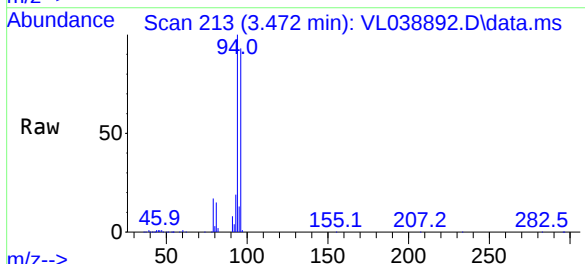
Manual Integrations
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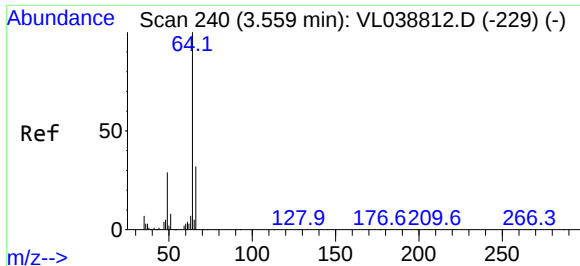
Reviewed By :Semsettin Yesilyurt 04/13/2022
 Supervised By :Mahesh Dadoda 04/14/2022



#6
 Bromomethane
 Concen: 9.707 ppbv
 RT: 3.472 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VL038892.D
 Acq: 12 Apr 2022 15:08

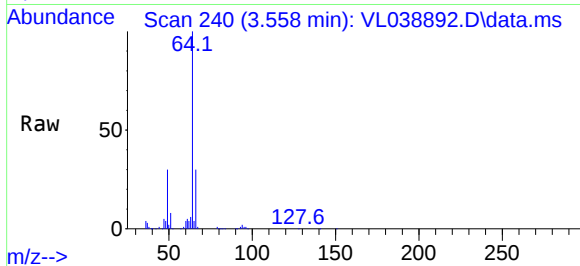
Tgt Ion: 94 Resp: 308426
 Ion Ratio Lower Upper
 94 100
 96 92.8 73.2 109.8





#7
Chloroethane
Concen: 9.958 ppbv
RT: 3.558 min Scan# 240
Delta R.T. -0.000 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

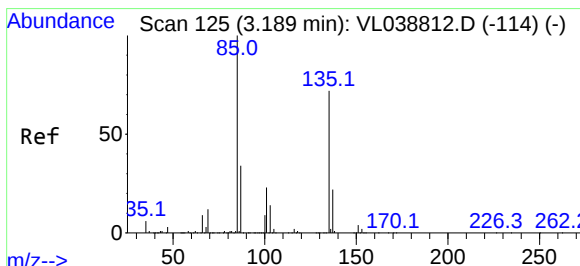
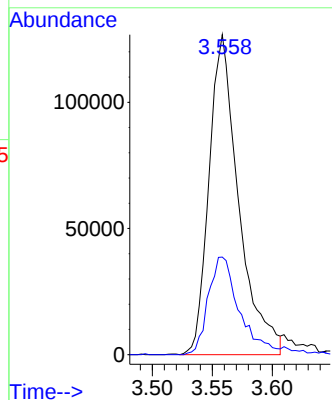
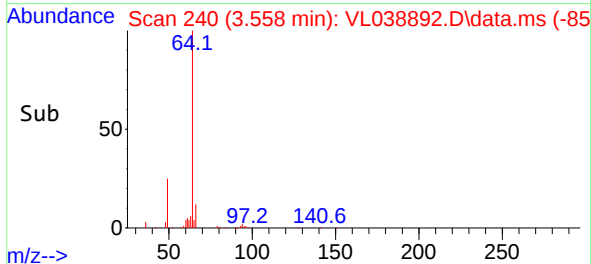
Instrument : MSVOA_L
ClientSampleId : VL0412ABS01



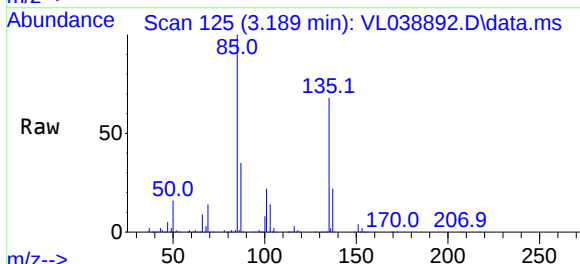
Tgt Ion: 64 Resp: 218089
Ion Ratio Lower Upper
64 100
66 30.5 25.4 38.2

Manual Integrations
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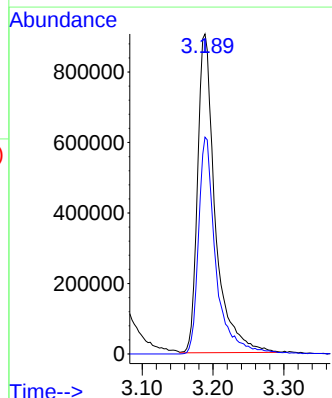
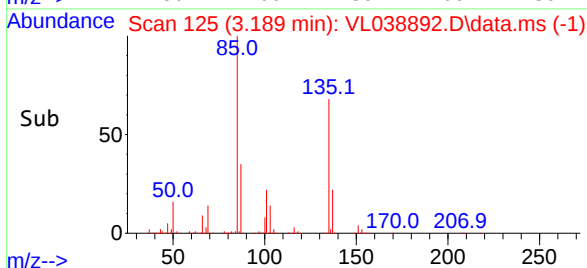
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

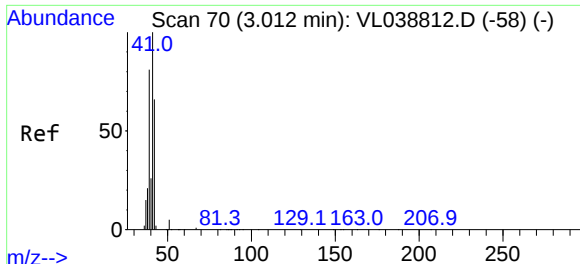


#8
Dichlorotetrafluoroethane
Concen: 10.499 ppbv
RT: 3.189 min Scan# 125
Delta R.T. -0.000 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08



Tgt Ion: 85 Resp: 1564672
Ion Ratio Lower Upper
85 100
135 67.3 57.0 85.6





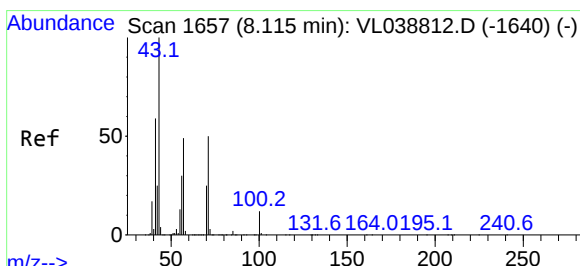
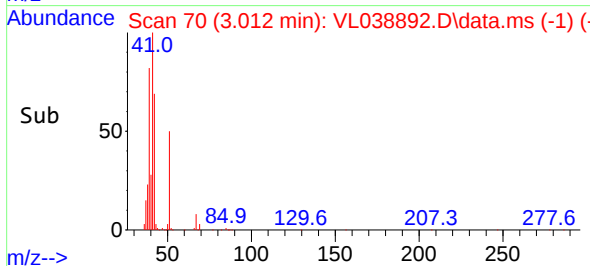
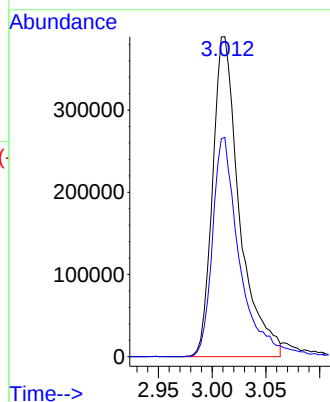
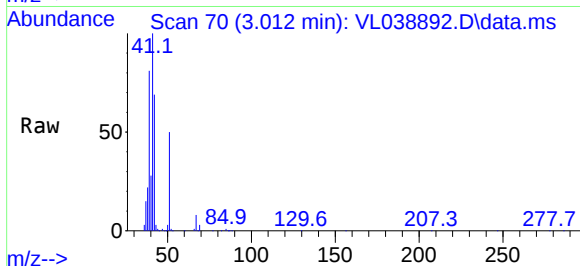
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 Propene
 Concen: 9.312 ppbv
 RT: 3.012 min Scan# 70
 Delta R.T. -0.000 min
 Lab File: VL038892.D
 Acq: 12 Apr 2022 15:08

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0412ABS01

Tgt Ion: 41 Resp: 676245
 Ion Ratio Lower Upper
 41 100
 42 70.0 54.2 81.4

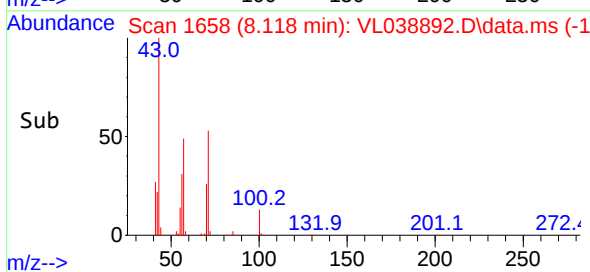
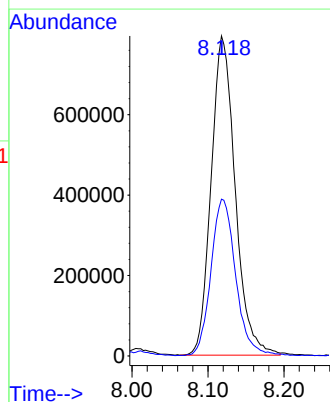
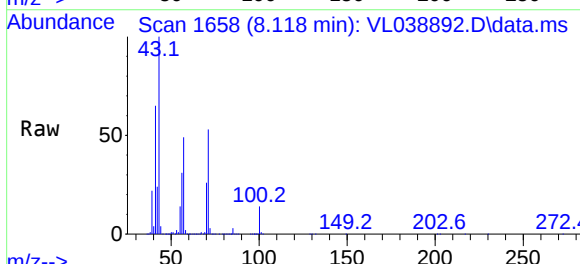
Manual Integrations
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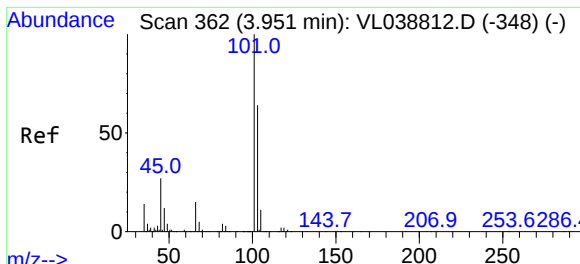
Reviewed By :Semsettin Yesilyurt 04/13/2022
 Supervised By :Mahesh Dadoda 04/14/2022



#10
 Heptane
 Concen: 9.536 ppbv
 RT: 8.118 min Scan# 1658
 Delta R.T. 0.003 min
 Lab File: VL038892.D
 Acq: 12 Apr 2022 15:08

Tgt Ion: 43 Resp: 1744474
 Ion Ratio Lower Upper
 43 100
 57 50.4 39.3 58.9





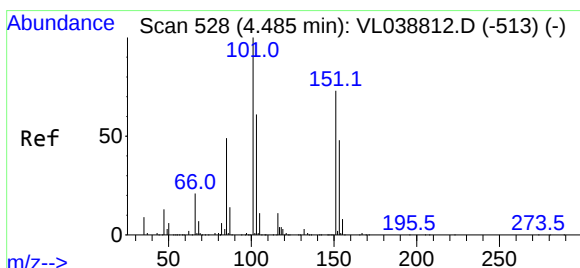
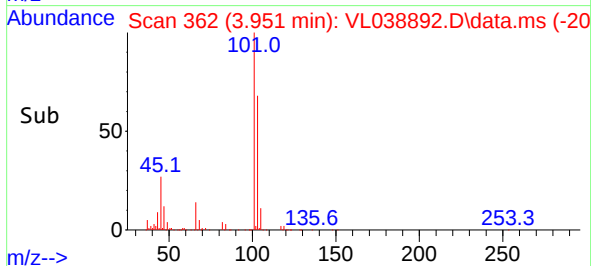
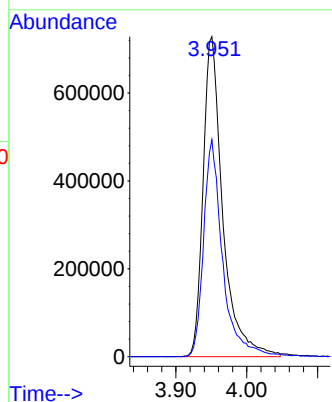
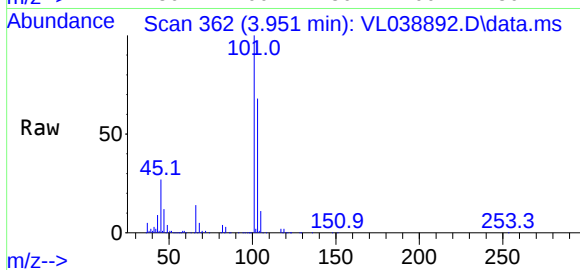
#11
 Trichlorofluoromethane
 Concen: 10.932 ppbv
 RT: 3.951 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VL038892.D
 Acq: 12 Apr 2022 15:08

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0412ABS01

Tgt Ion:101 Resp: 140141
 Ion Ratio Lower Upper
 101 100
 103 67.7 51.4 77.0

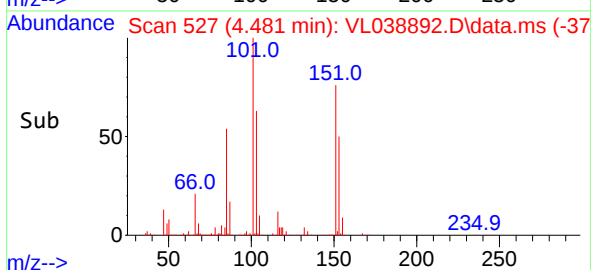
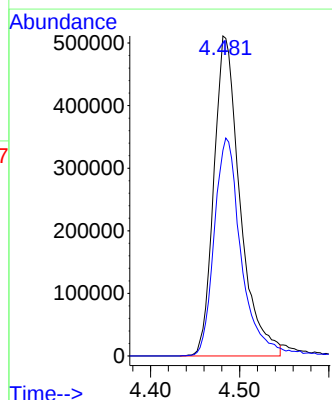
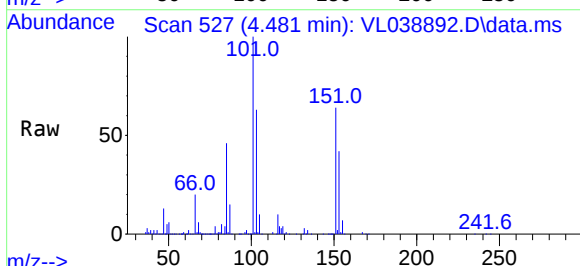
Manual Integrations
 APPROVED

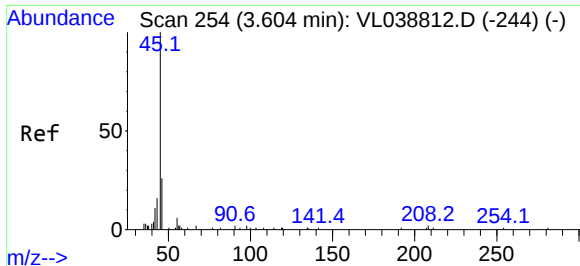
Reviewed By :Semsettin Yesilyurt 04/13/2022
 Supervised By :Mahesh Dadoda 04/14/2022



#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.613 ppbv
 RT: 4.481 min Scan# 527
 Delta R.T. -0.003 min
 Lab File: VL038892.D
 Acq: 12 Apr 2022 15:08

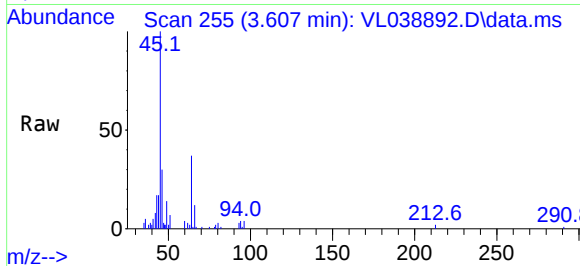
Tgt Ion:101 Resp: 1042189
 Ion Ratio Lower Upper
 101 100
 151 71.3 59.9 89.9





#13
Ethanol
Concen: 8.829 ppbv m
RT: 3.607 min Scan# 21
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

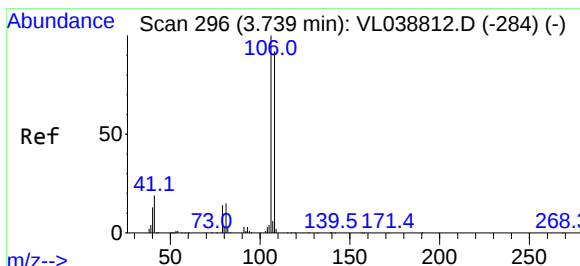
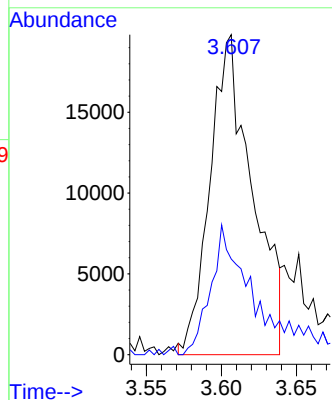
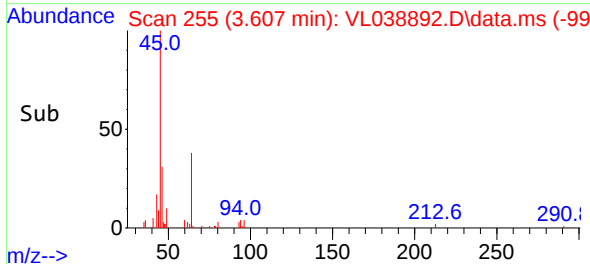
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS01



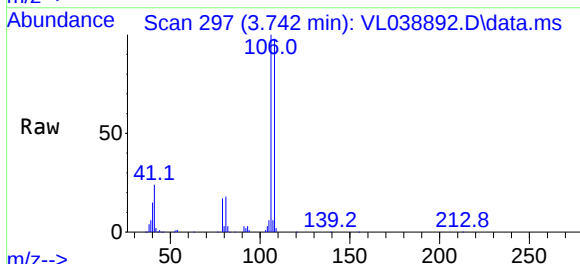
Tgt Ion: 45 Resp: 3896
Ion Ratio Lower Upper
45 100
46 42.0 0.0 0.0

Manual Integrations
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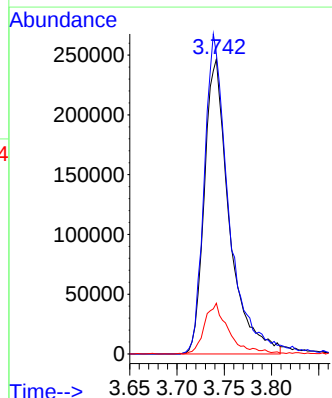
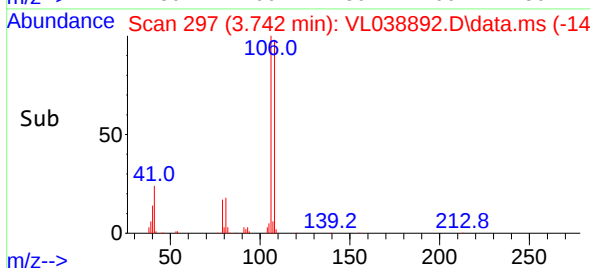
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

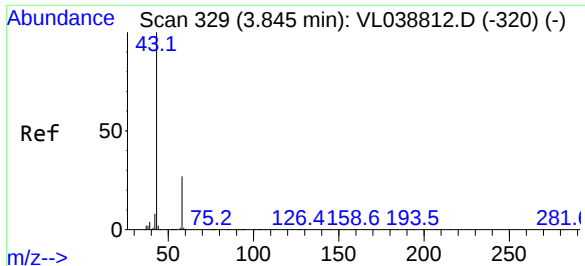


#14
Bromoethene
Concen: 10.481 ppbv
RT: 3.742 min Scan# 297
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08



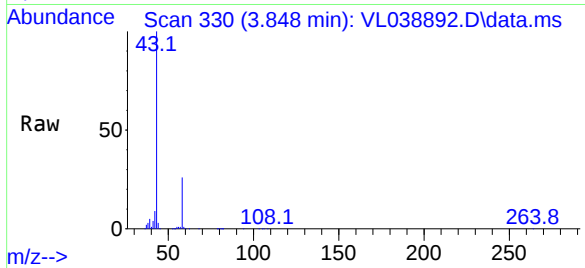
Tgt Ion:108 Resp: 452623
Ion Ratio Lower Upper
108 100
106 108.8 91.5 137.3
79 16.8 13.7 20.5





#15
Acetone
Concen: 9.423 ppbv
RT: 3.848 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

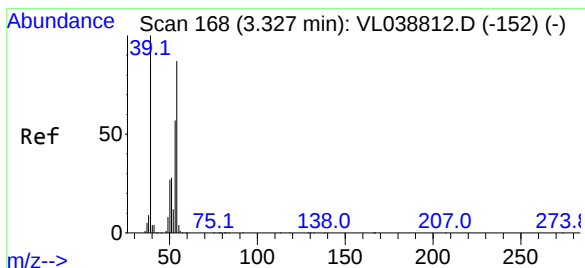
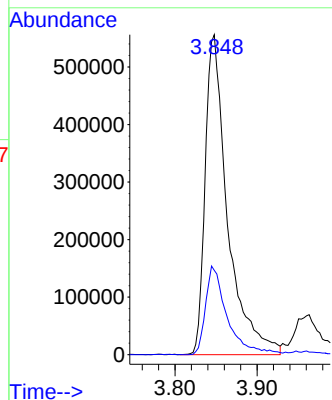
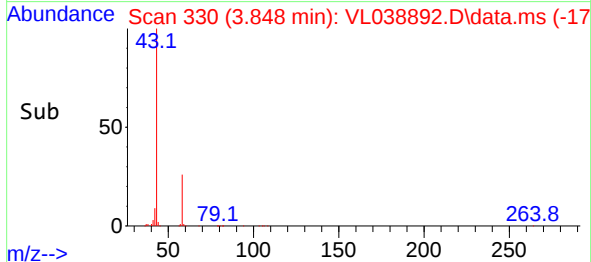
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS01



Tgt Ion: 43 Resp: 105514
Ion Ratio Lower Upper
43 100
58 28.2 22.5 33.7

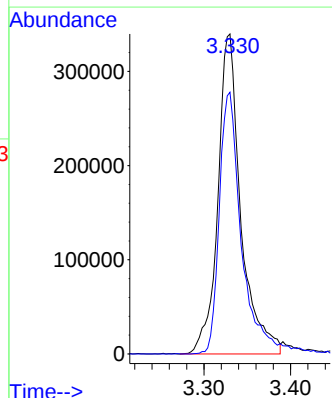
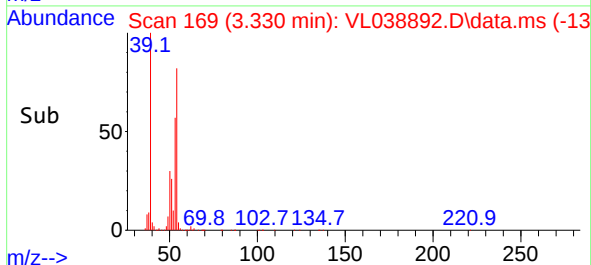
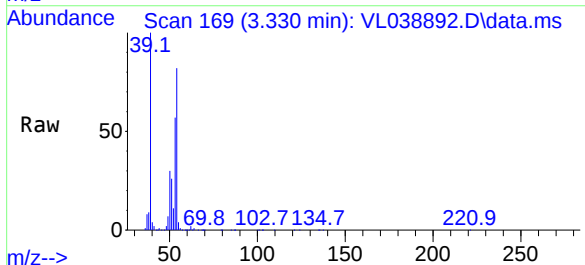
Manual Integrations
APPROVED

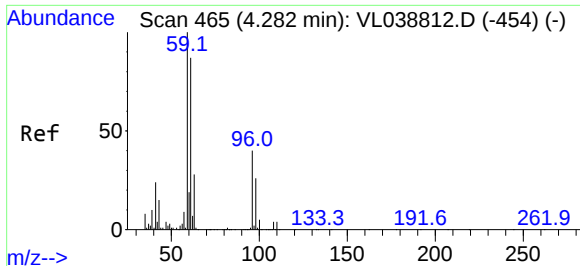
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#16
1,3-Butadiene
Concen: 9.773 ppbv
RT: 3.330 min Scan# 169
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

Tgt Ion: 39 Resp: 625637
Ion Ratio Lower Upper
39 100
54 80.1 64.8 97.2





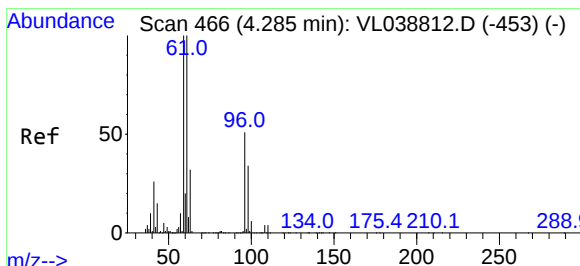
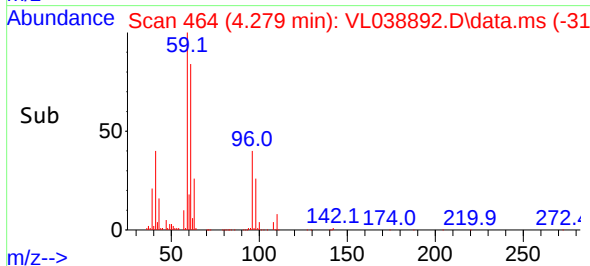
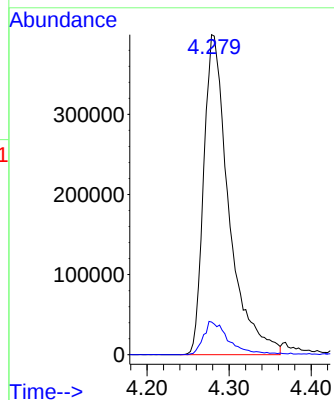
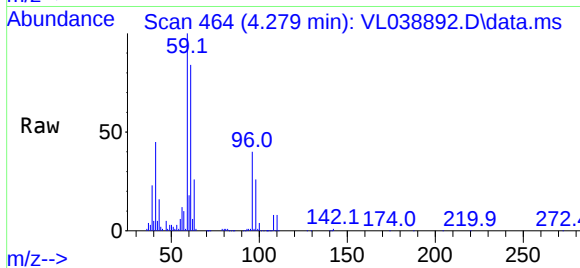
#17
tert-Butyl alcohol
Concen: 8.467 ppbv
RT: 4.279 min Scan# 464
Delta R.T. -0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS01

Tgt Ion: 59 Resp: 850223
Ion Ratio Lower Upper
59 100
57 10.8 8.5 12.7

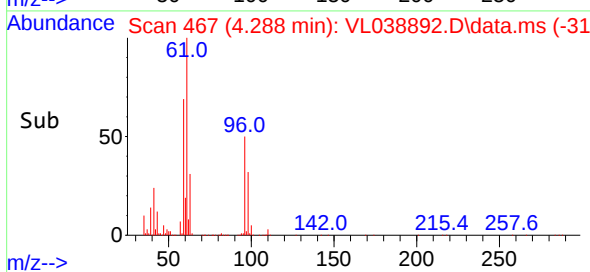
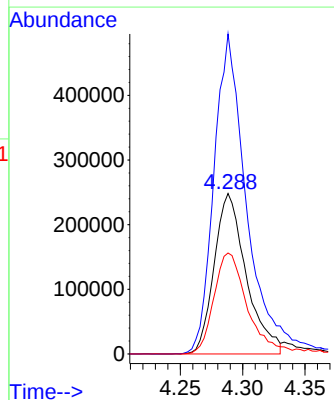
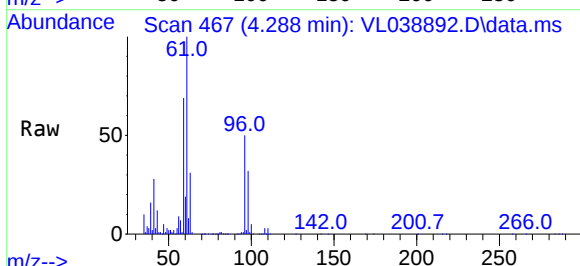
Manual Integrations
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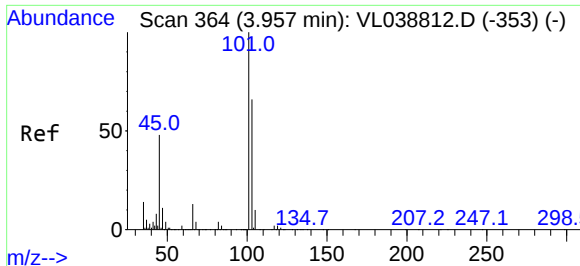
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#18
1,1-Dichloroethene
Concen: 9.930 ppbv
RT: 4.288 min Scan# 467
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

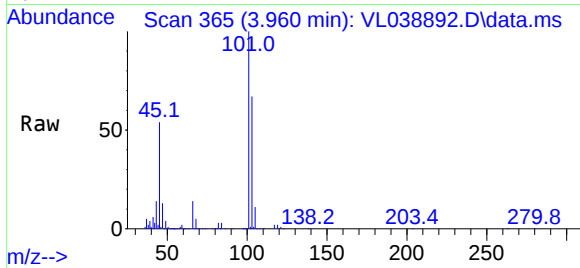
Tgt Ion: 96 Resp: 444499
Ion Ratio Lower Upper
96 100
61 199.3 156.1 234.1
98 62.9 53.0 79.6





#19
Isopropyl Alcohol
Concen: 9.944 ppbv
RT: 3.960 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

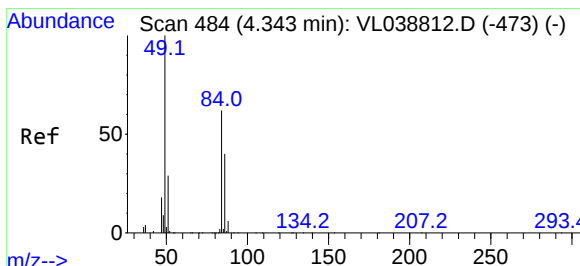
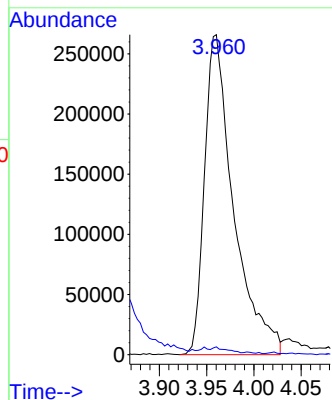
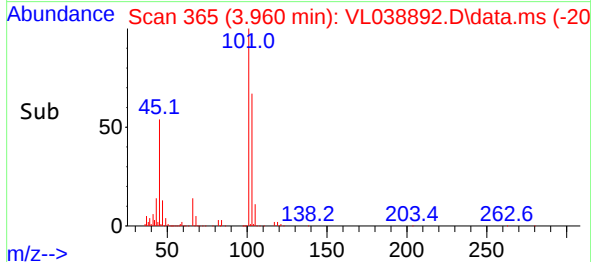
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS01



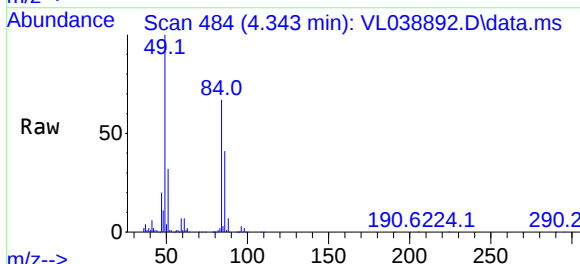
Tgt Ion: 45 Resp: 569084
Ion Ratio Lower Upper
45 100
58 2.1 0.0 0.0

Manual Integrations
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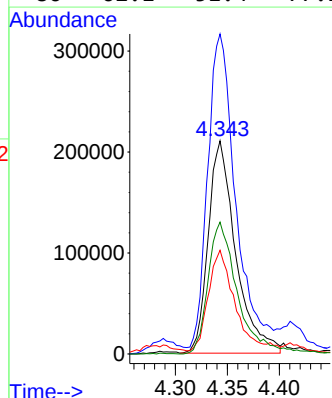
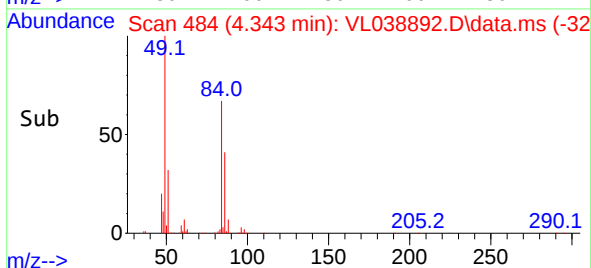
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

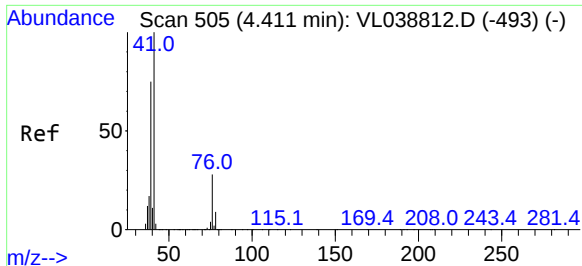


#20
Methylene Chloride
Concen: 9.543 ppbv
RT: 4.343 min Scan# 484
Delta R.T. -0.000 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08



Tgt Ion: 84 Resp: 387538
Ion Ratio Lower Upper
84 100
49 146.9 129.4 194.0
51 46.7 37.4 56.2
86 62.1 51.4 77.2





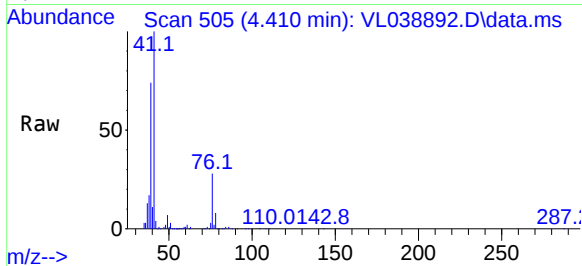
#21
 Allyl Chloride
 Concen: 9.614 ppbv
 RT: 4.410 min Scan# 505
 Delta R.T. -0.000 min
 Lab File: VL038892.D
 Acq: 12 Apr 2022 15:08

Instrument :

MSVOA_L

ClientSampleId :

VL0412ABS01

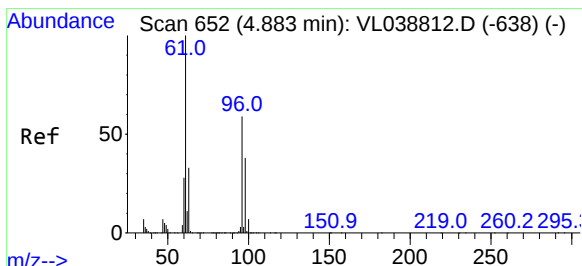
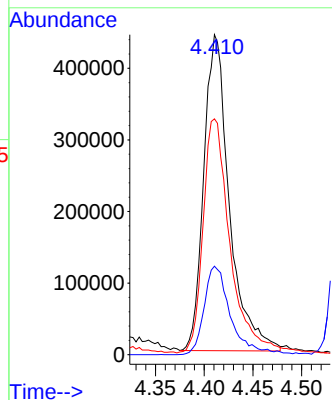
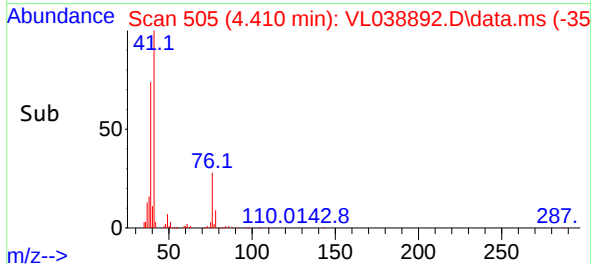


Tgt Ion: 41 Resp: 806070
 Ion Ratio Lower Upper
 41 100
 76 28.9 23.7 35.5
 39 79.7 62.0 93.0

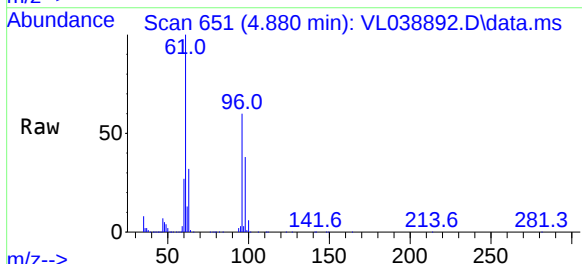
Manual Integrations

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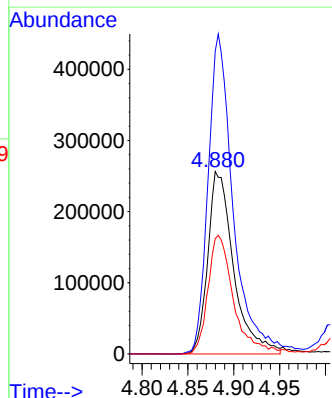
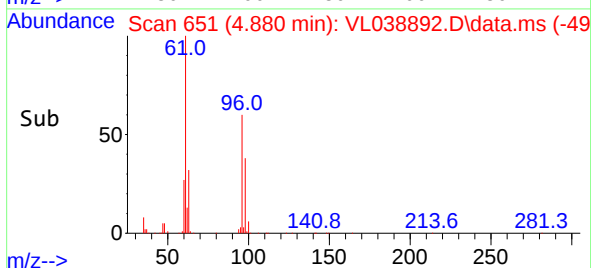
Reviewed By :Semsettin Yesilyurt 04/13/2022
 Supervised By :Mahesh Dadoda 04/14/2022

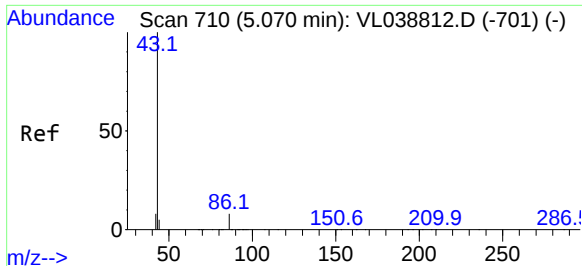


#22
 trans-1,2-Dichloroethene
 Concen: 11.101 ppbv
 RT: 4.880 min Scan# 651
 Delta R.T. -0.003 min
 Lab File: VL038892.D
 Acq: 12 Apr 2022 15:08



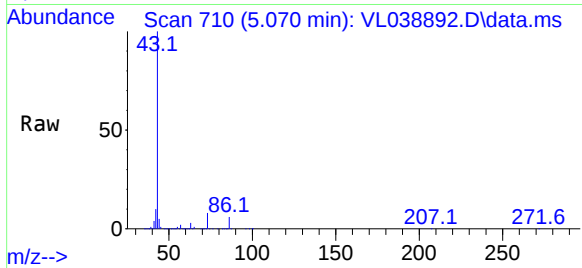
Tgt Ion: 96 Resp: 503130
 Ion Ratio Lower Upper
 96 100
 61 166.1 134.8 202.2
 98 63.3 51.9 77.9





#23
 Vinyl Acetate
 Concen: 9.938 ppbv
 RT: 5.070 min Scan# 710
 Delta R.T. -0.000 min
 Lab File: VL038892.D
 Acq: 12 Apr 2022 15:08

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0412ABS01

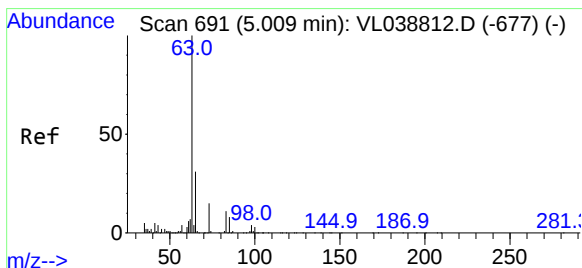
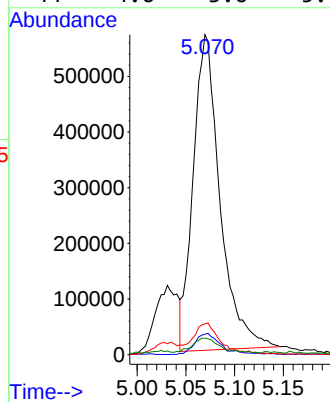
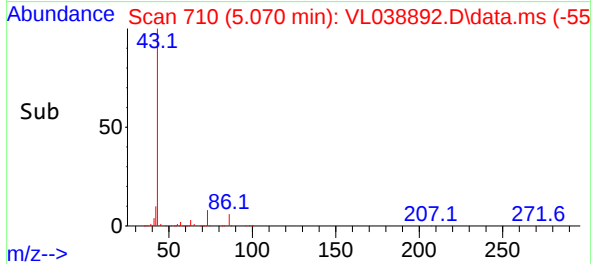


Tgt Ion: 43 Resp: 108372

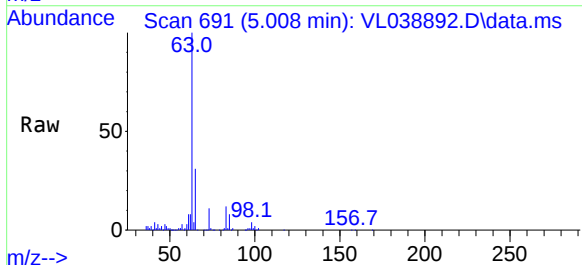
Ion	Ratio	Lower	Upper
43	100		
86	6.4	5.8	8.6
42	9.7	7.8	11.6
44	4.6	3.6	5.4

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 04/13/2022
 Supervised By :Mahesh Dadoda 04/14/2022

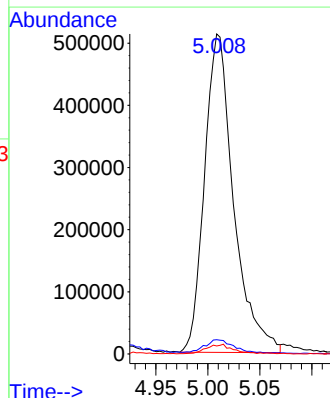
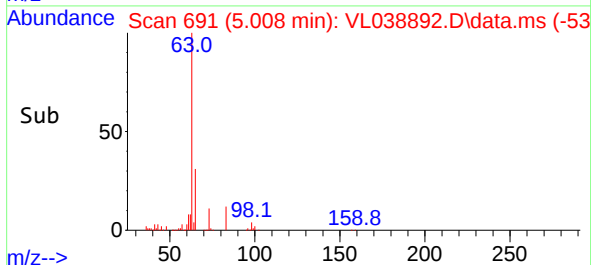


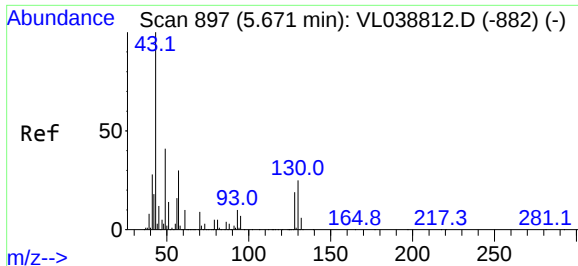
#24
 1,1-Dichloroethane
 Concen: 10.123 ppbv
 RT: 5.008 min Scan# 691
 Delta R.T. -0.000 min
 Lab File: VL038892.D
 Acq: 12 Apr 2022 15:08



Tgt Ion: 63 Resp: 997554

Ion	Ratio	Lower	Upper
63	100		
98	4.1	2.2	6.6
100	2.4	1.4	4.0





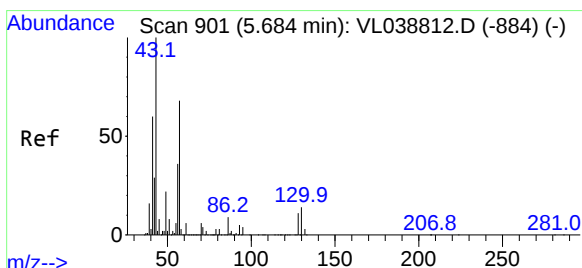
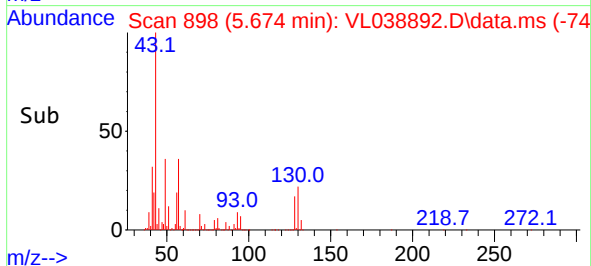
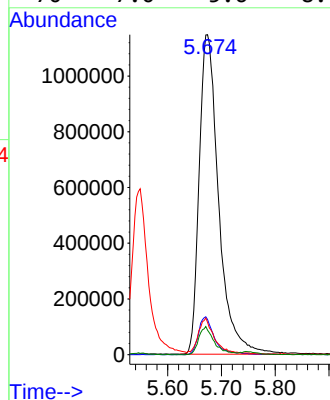
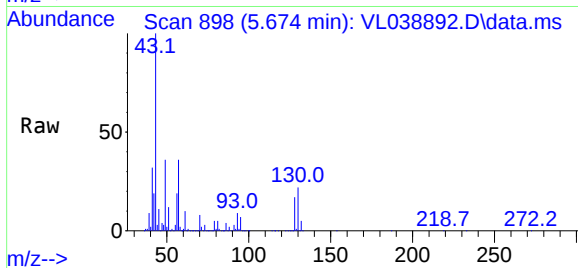
#25
Ethyl Acetate
Concen: 10.136 ppbv
RT: 5.674 min Scan# 897
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS01

Tgt Ion: 43 Resp: 2880034
Ion Ratio Lower Upper
43 100
45 10.0 8.4 12.6
61 9.9 7.9 11.9
70 7.0 5.6 8.4

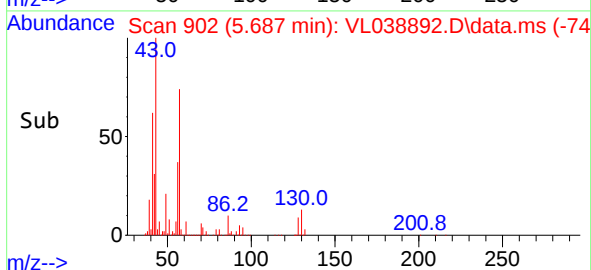
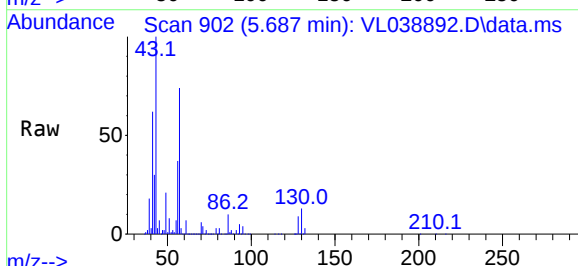
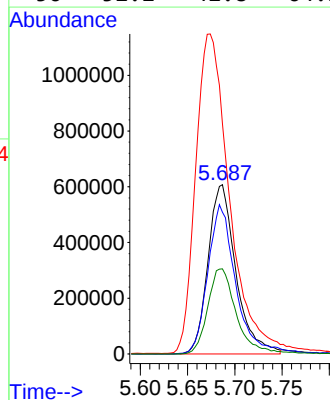
Manual Integrations
APPROVED

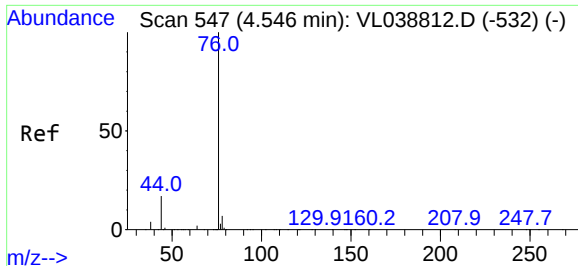
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#26
Hexane
Concen: 9.621 ppbv
RT: 5.687 min Scan# 902
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

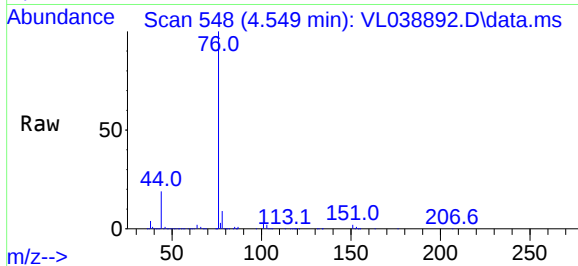
Tgt Ion: 57 Resp: 1244199
Ion Ratio Lower Upper
57 100
41 89.3 72.0 108.0
43 232.4 186.6 280.0
56 52.2 42.8 64.2





#27
Carbon Disulfide
Concen: 10.463 ppbv
RT: 4.549 min Scan# 547
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

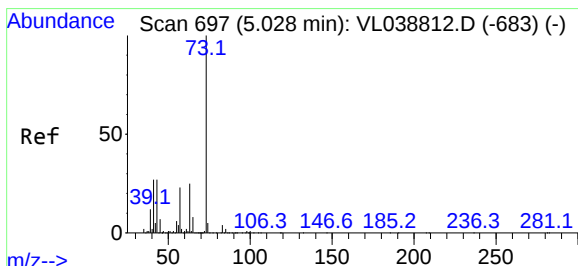
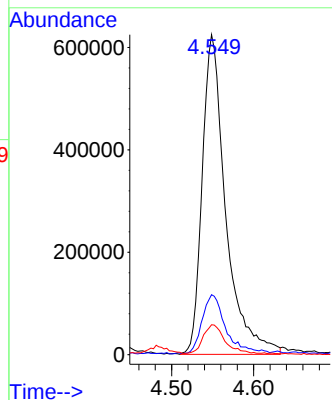
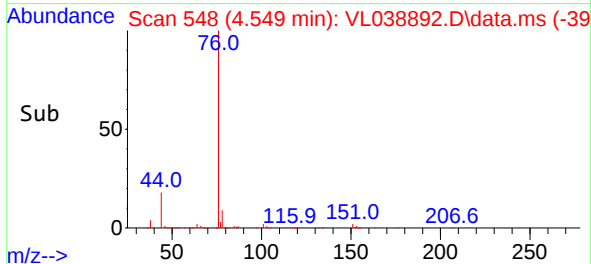
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS01



Tgt Ion: 76 Resp: 1240950
Ion Ratio Lower Upper
76 100
44 19.5 15.7 23.5
78 9.7 7.8 11.8

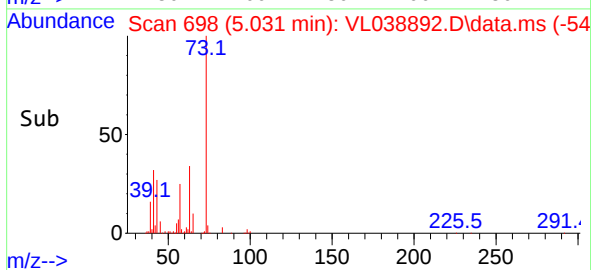
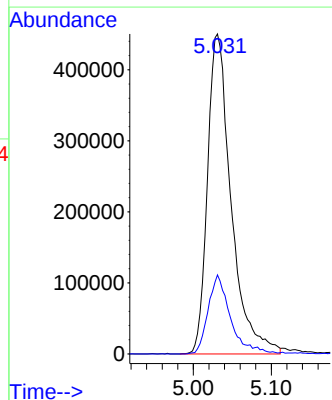
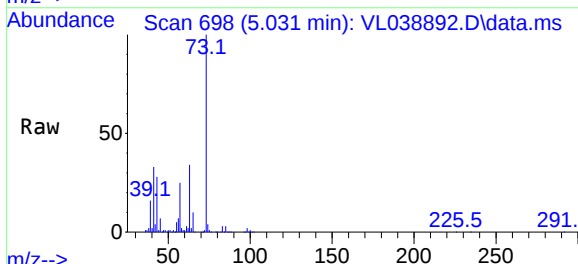
Manual Integrations
APPROVED

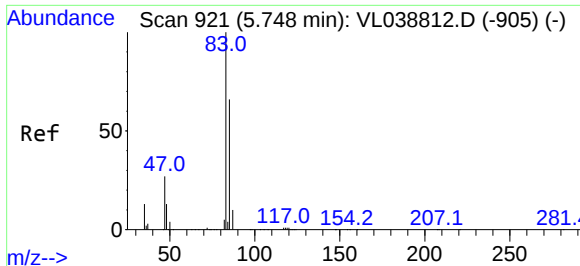
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#28
Methyl tert-Butyl Ether
Concen: 9.518 ppbv
RT: 5.031 min Scan# 698
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

Tgt Ion: 73 Resp: 950751
Ion Ratio Lower Upper
73 100
57 23.4 19.7 29.5





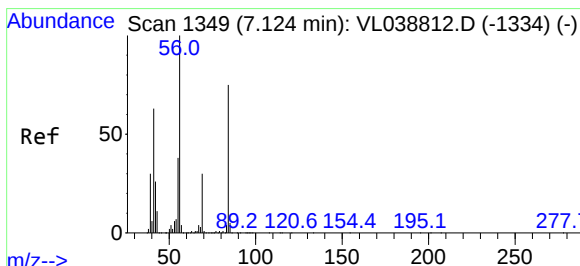
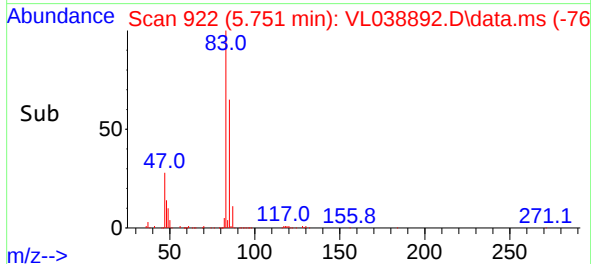
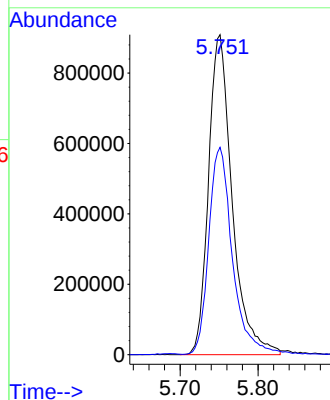
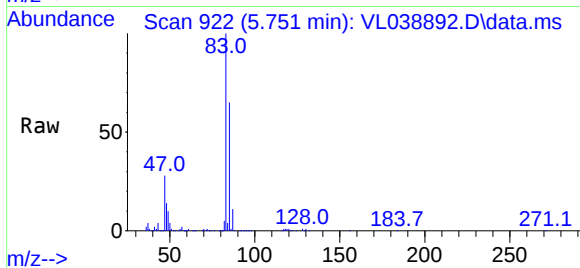
#29
Chloroform
Concen: 10.611 ppbv
RT: 5.751 min Scan# 91
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS01

Tgt Ion: 83 Resp: 191996
Ion Ratio Lower Upper
83 100
85 64.7 52.5 78.7

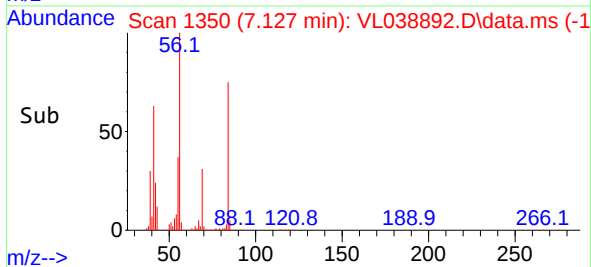
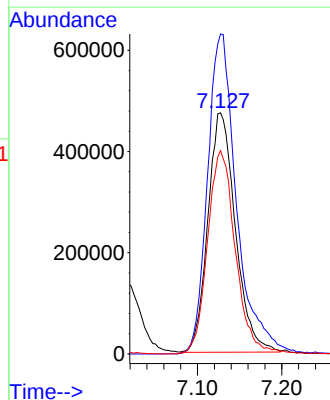
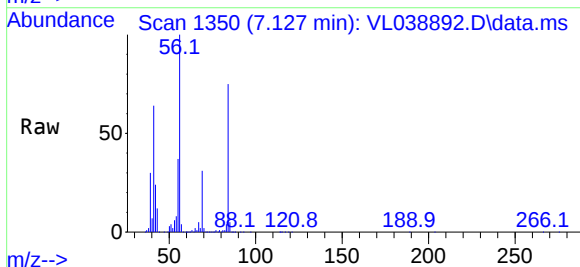
Manual Integrations
APPROVED

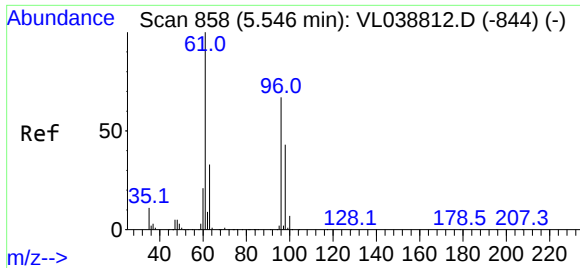
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#30
Cyclohexane
Concen: 9.426 ppbv
RT: 7.127 min Scan# 1350
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

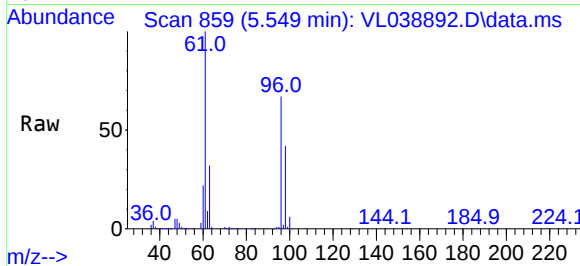
Tgt Ion: 84 Resp: 1074397
Ion Ratio Lower Upper
84 100
56 142.0 114.4 171.6
41 86.3 69.0 103.4





#31
cis-1,2-Dichloroethene
Concen: 10.510 ppbv
RT: 5.549 min Scan# 859
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

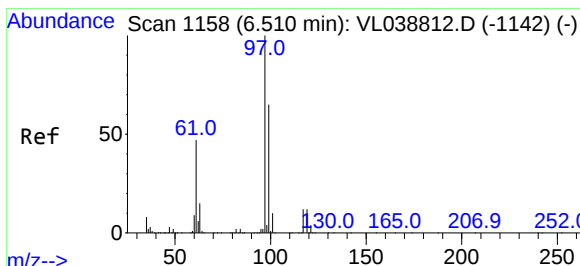
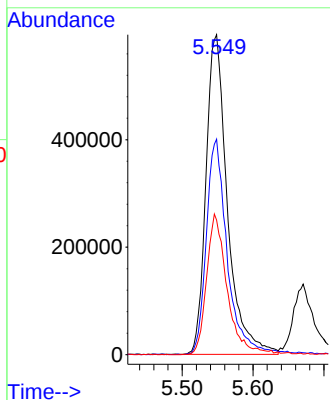
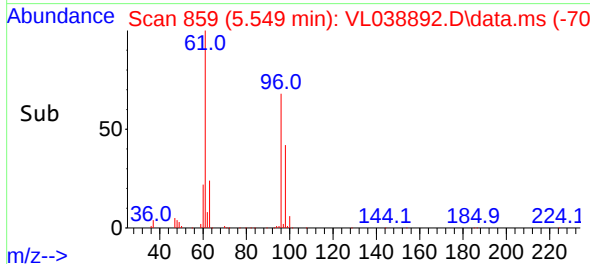
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS01



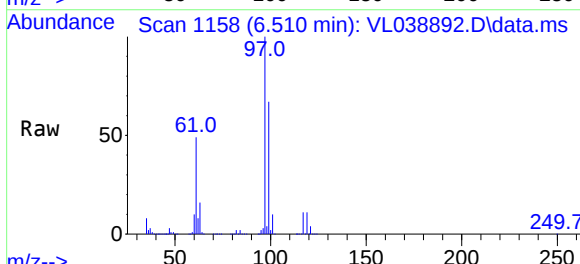
Tgt Ion: 61 Resp: 1249830
Ion Ratio Lower Upper
61 100
96 67.2 53.4 80.0
98 42.1 34.2 51.4

Manual Integrations
APPROVED

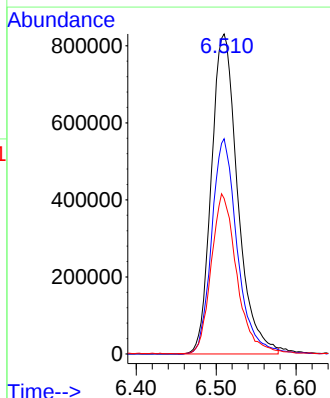
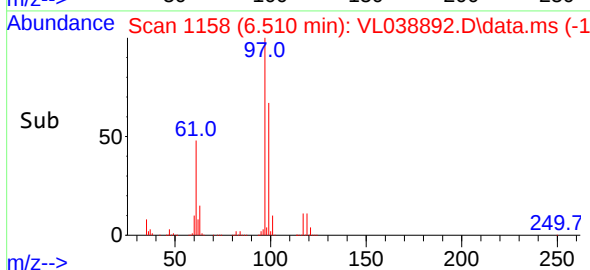
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

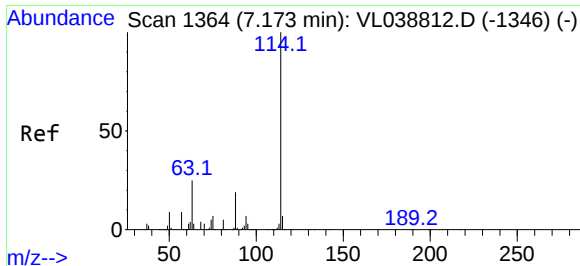


#32
1,1,1-Trichloroethane
Concen: 10.414 ppbv
RT: 6.510 min Scan# 1158
Delta R.T. -0.000 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08



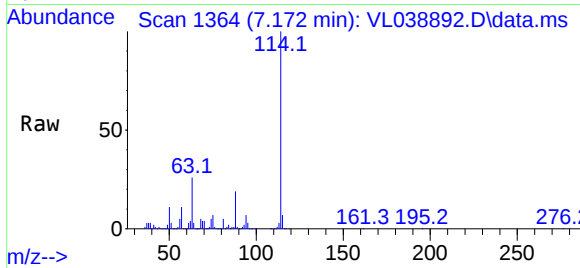
Tgt Ion: 97 Resp: 1898516
Ion Ratio Lower Upper
97 100
99 65.7 52.4 78.6
61 49.1 38.6 57.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.172 min Scan# 114
Delta R.T. -0.000 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

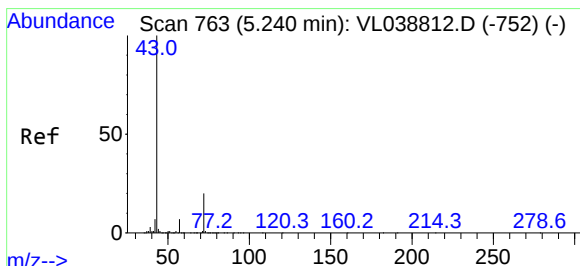
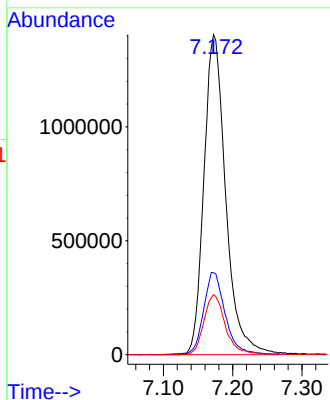
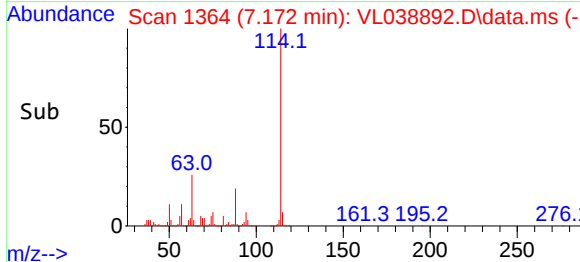
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS01



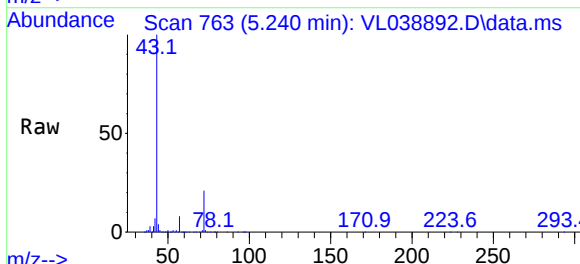
Tgt Ion:114 Resp: 3066290
Ion Ratio Lower Upper
114 100
63 26.0 19.8 29.8
88 18.5 14.2 21.4

Manual Integrations
APPROVED

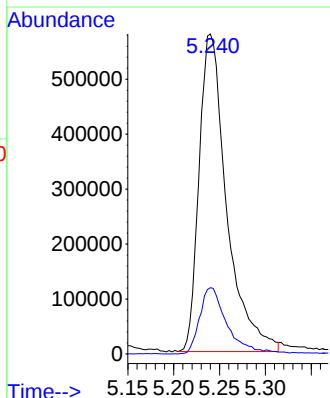
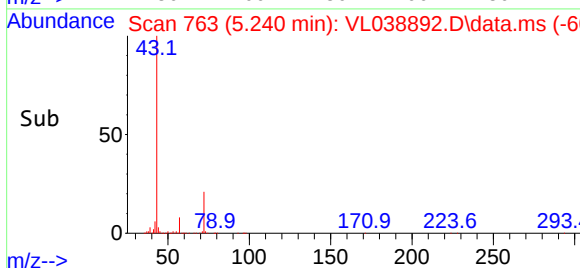
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

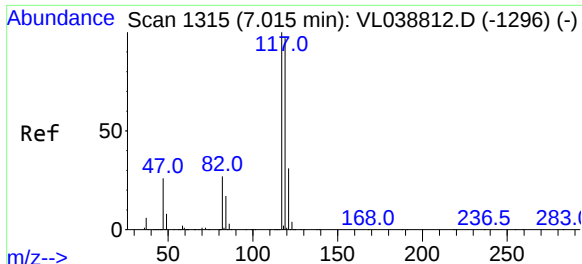


#34
2-Butanone
Concen: 9.985 ppbv
RT: 5.240 min Scan# 763
Delta R.T. -0.000 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08



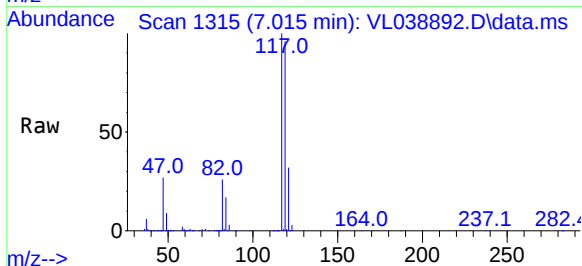
Tgt Ion: 43 Resp: 1209820
Ion Ratio Lower Upper
43 100
72 21.5 16.9 25.3





#35
Carbon Tetrachloride
Concen: 10.531 ppbv
RT: 7.015 min Scan# 117
Delta R.T. -0.000 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

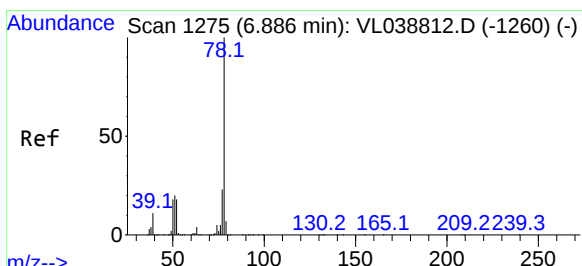
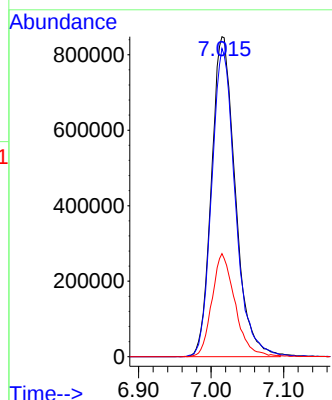
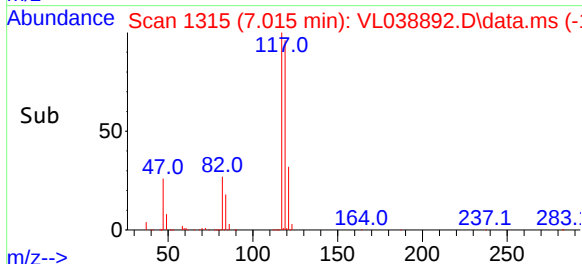
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS01



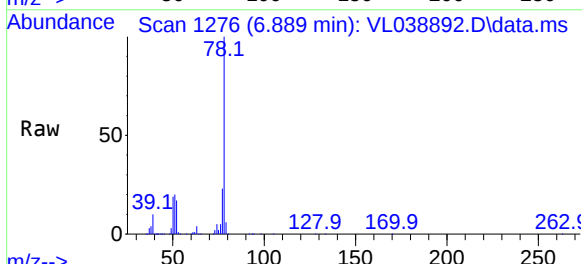
Tgt Ion:117 Resp: 1935829
Ion Ratio Lower Upper
117 100
119 96.3 77.7 116.5
121 32.2 24.5 36.7

Manual Integrations
APPROVED

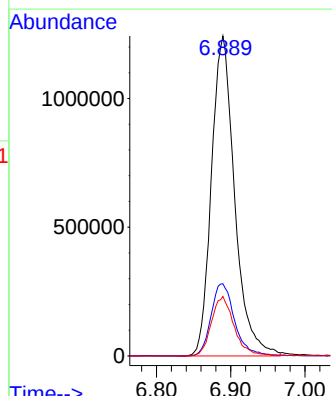
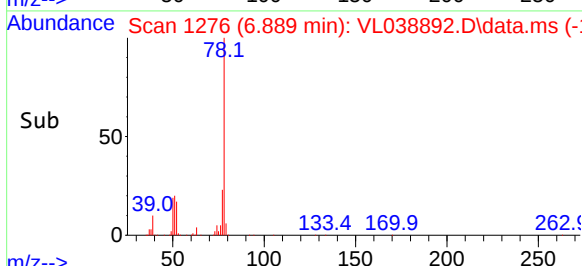
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

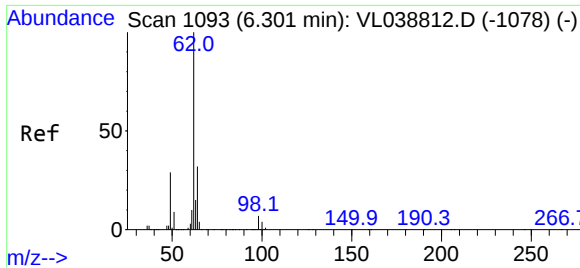


#36
Benzene
Concen: 9.679 ppbv
RT: 6.889 min Scan# 1276
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08



Tgt Ion: 78 Resp: 2699999
Ion Ratio Lower Upper
78 100
77 22.5 18.2 27.2
50 18.6 14.0 21.0





#37
1,2-Dichloroethane
Concen: 11.529 ppbv
RT: 6.304 min Scan# 1093
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

Instrument :

MSVOA_L

ClientSampleId :

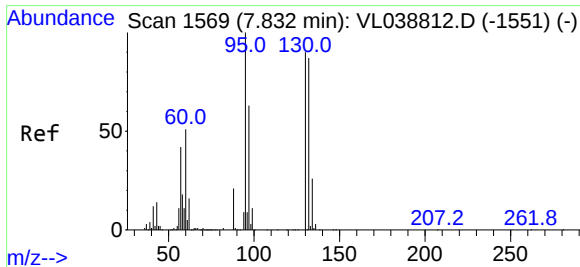
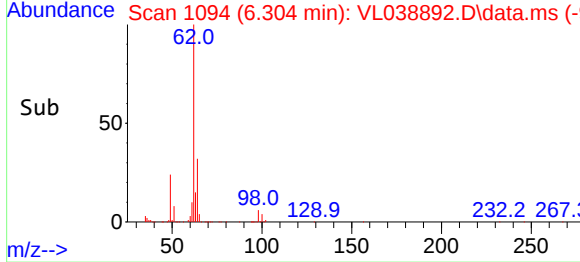
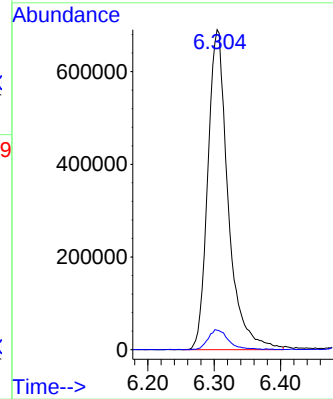
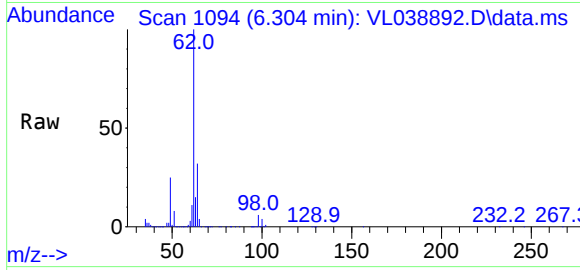
VL0412ABS01

Tgt Ion: 62 Resp: 147031
Ion Ratio Lower Upper
62 100
98 6.4 5.9 8.9

Manual Integrations

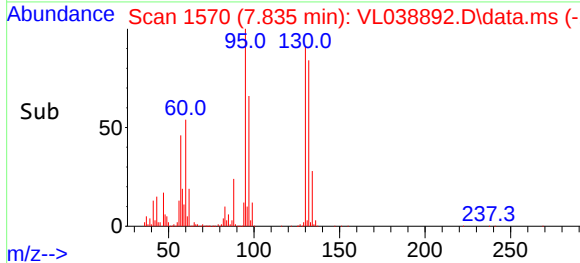
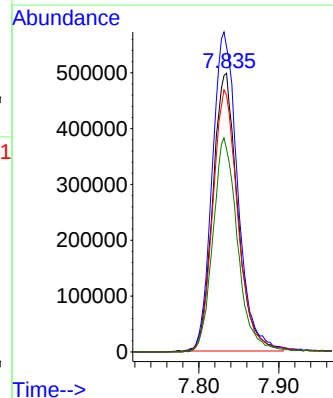
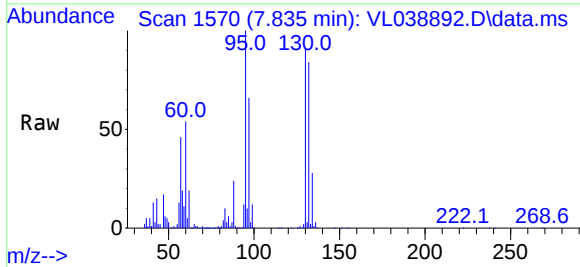
APPROVED

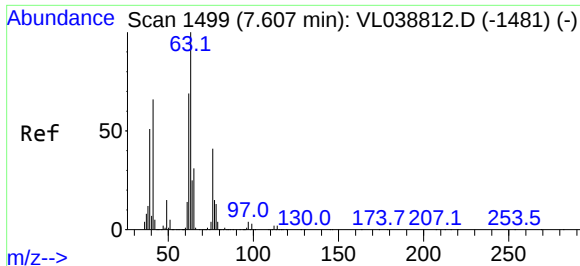
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#38
Trichloroethene
Concen: 9.384 ppbv
RT: 7.835 min Scan# 1570
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

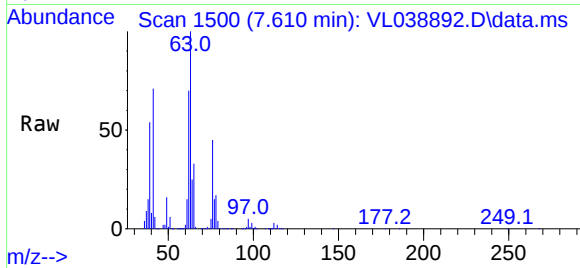
Tgt Ion:130 Resp: 1074055
Ion Ratio Lower Upper
130 100
95 109.7 89.4 134.0
132 92.4 77.7 116.5
97 72.9 56.0 84.0





#39
1,2-Dichloropropane
Concen: 9.887 ppbv
RT: 7.610 min Scan# 1499
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

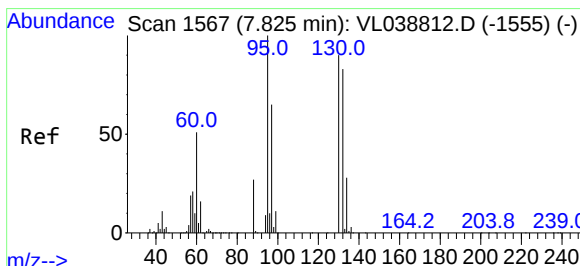
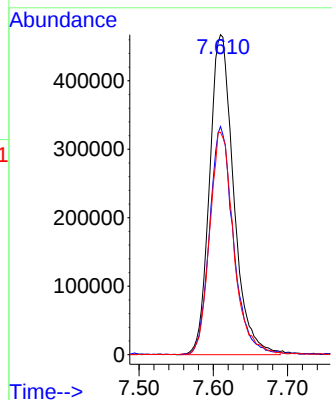
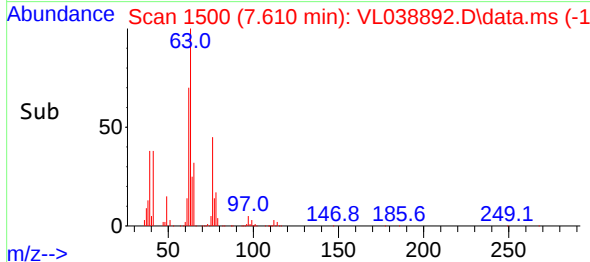
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS01



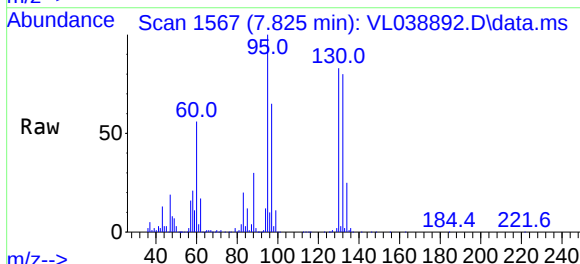
Tgt Ion: 63 Resp: 1054859
Ion Ratio Lower Upper
63 100
41 71.2 53.0 79.6
62 69.4 55.0 82.4

Manual Integrations
APPROVED

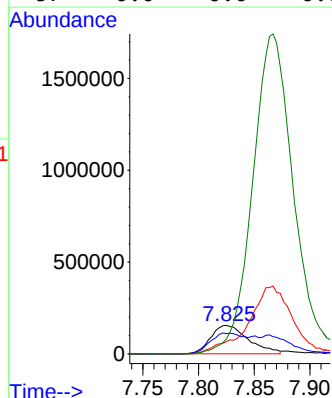
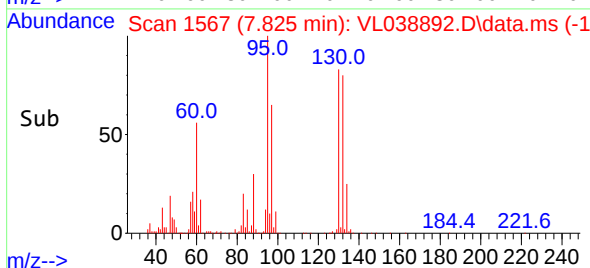
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

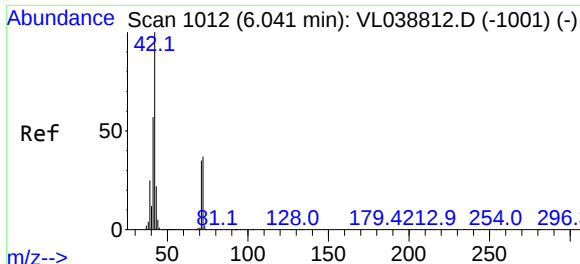


#40
1,4-Dioxane
Concen: 10.080 ppbv
RT: 7.825 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08



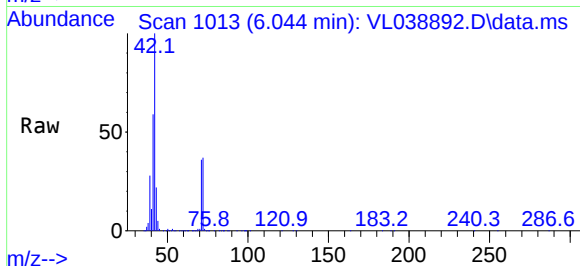
Tgt Ion: 88 Resp: 365209
Ion Ratio Lower Upper
88 100
58 135.3 49.4 74.0#
43 0.0 0.0 0.0
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 9.871 ppbv
RT: 6.044 min Scan# 1012
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

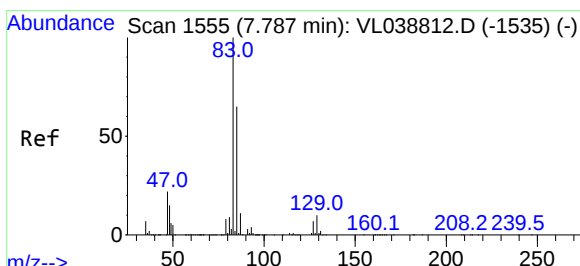
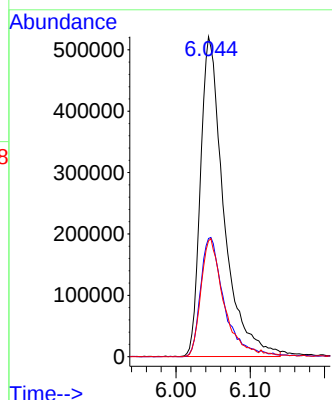
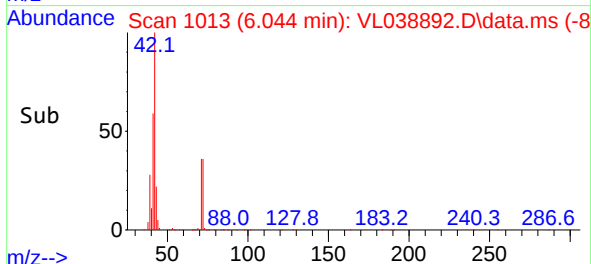
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS01



Tgt Ion: 42 Resp: 1135934
Ion Ratio Lower Upper
42 100
72 38.8 31.4 47.0
71 37.4 30.2 45.4

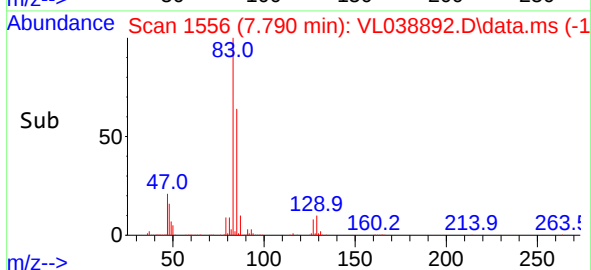
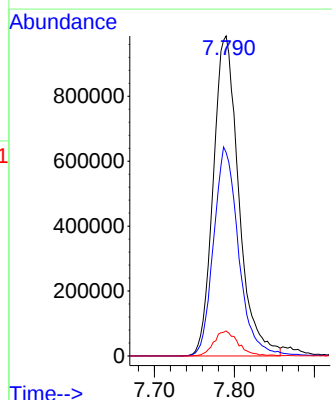
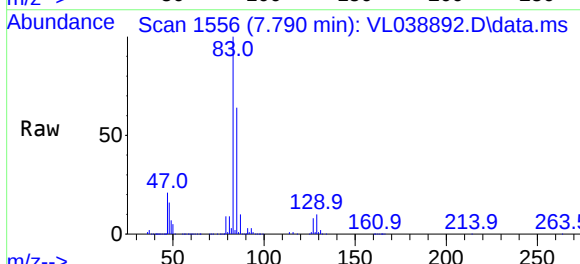
Manual Integrations
APPROVED

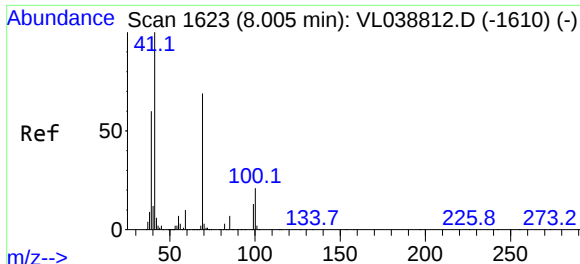
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#42
Bromodichloromethane
Concen: 10.837 ppbv
RT: 7.790 min Scan# 1556
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

Tgt Ion: 83 Resp: 2182460
Ion Ratio Lower Upper
83 100
85 63.6 51.7 77.5
127 7.8 5.9 8.9





#43
Methyl Methacrylate
Concen: 10.538 ppbv
RT: 8.008 min Scan# 1624
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

Instrument :

MSVOA_L

ClientSampleId :

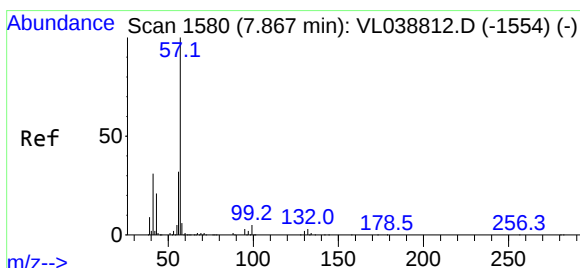
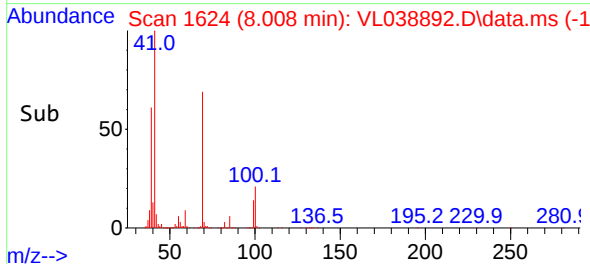
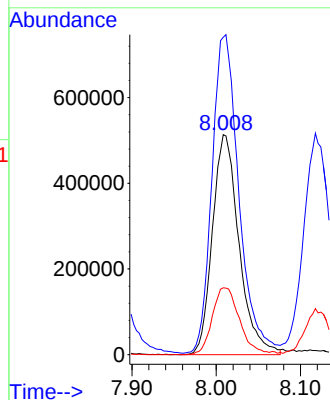
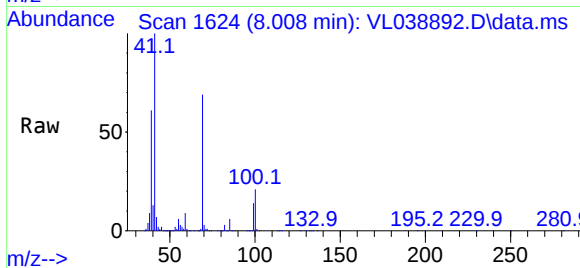
VL0412ABS01

Tgt Ion: 69 Resp: 112583
Ion Ratio Lower Upper
69 100
41 147.5 119.0 178.4
100 31.3 26.4 39.6

Manual Integrations

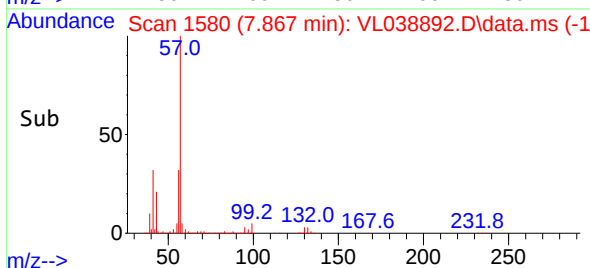
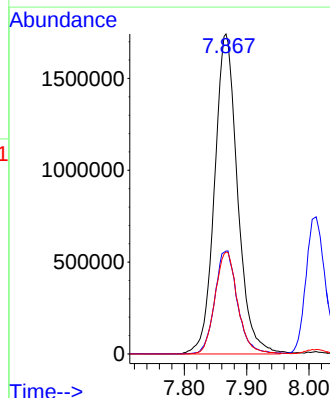
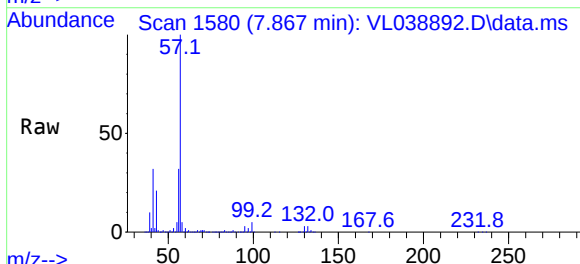
APPROVED

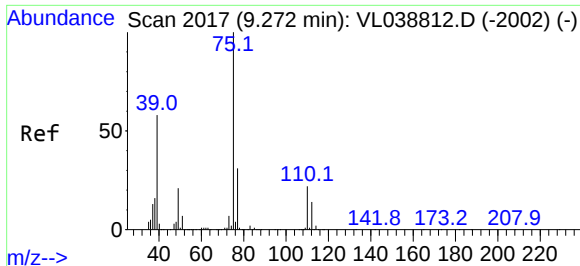
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#44
2,2,4-Trimethylpentane
Concen: 9.436 ppbv
RT: 7.867 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

Tgt Ion: 57 Resp: 4456199
Ion Ratio Lower Upper
57 100
41 31.7 25.0 37.4
56 31.3 25.3 37.9





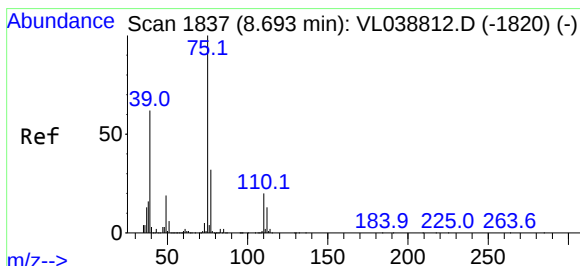
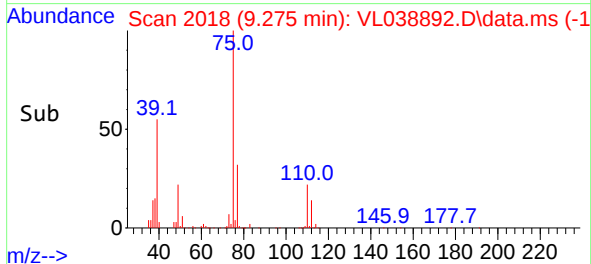
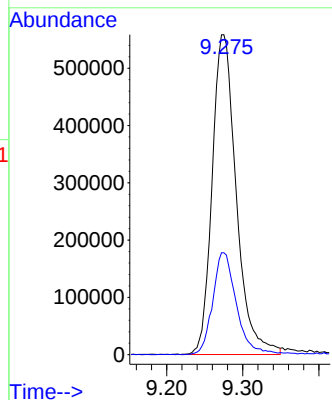
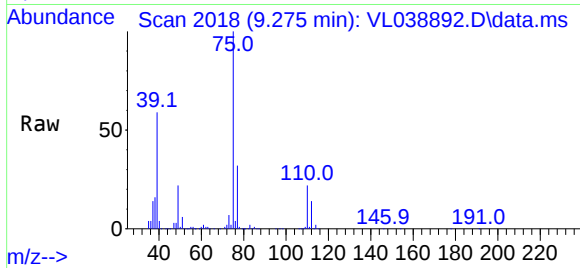
#45
t-1,3-Dichloropropene
Concen: 11.004 ppbv
RT: 9.275 min Scan# 2017
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS01

Tgt Ion: 75 Resp: 122923
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.4

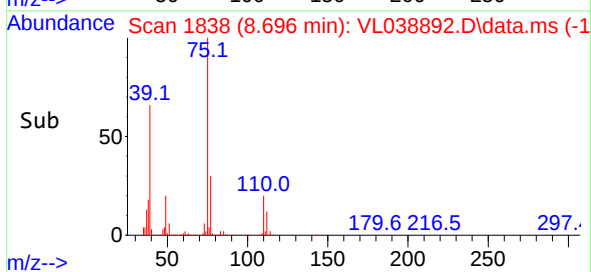
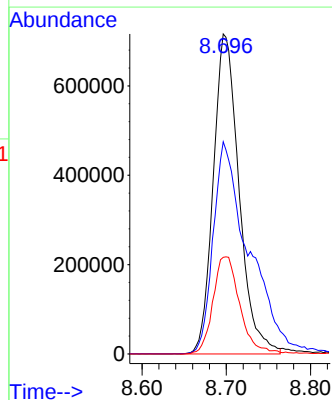
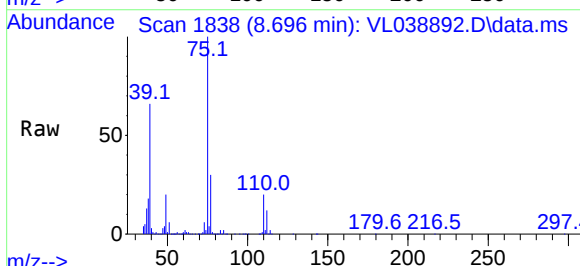
Manual Integrations
APPROVED

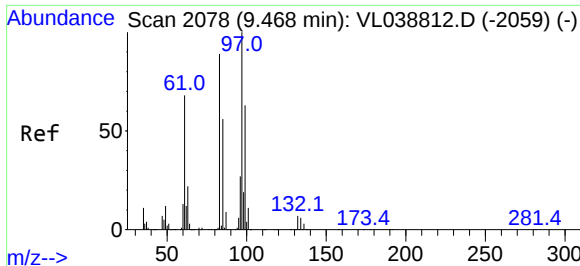
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#46
cis-1,3-Dichloropropene
Concen: 10.318 ppbv
RT: 8.696 min Scan# 1838
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

Tgt Ion: 75 Resp: 1519773
Ion Ratio Lower Upper
75 100
39 66.2 49.7 74.5
77 30.2 25.6 38.4





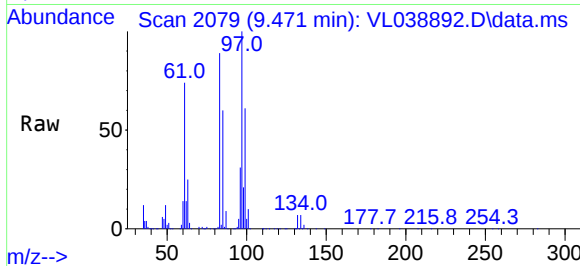
#47
1,1,2-Trichloroethane
Concen: 9.966 ppbv
RT: 9.471 min Scan# 2078
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

Instrument :

MSVOA_L

ClientSampleId :

VL0412ABS01



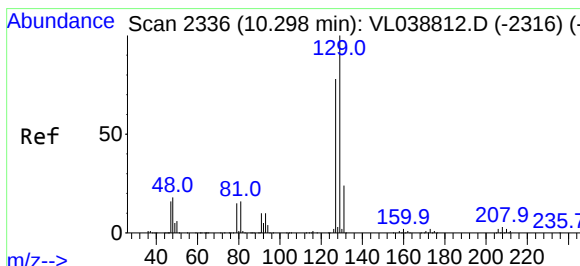
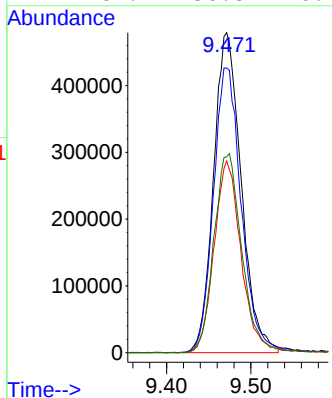
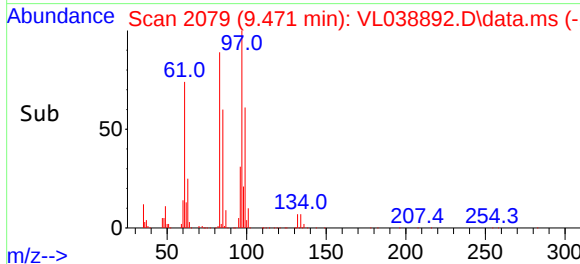
Tgt Ion: 97 Resp: 1089538

Ion	Ratio	Lower	Upper
97	100		
83	88.9	71.1	106.7
85	60.0	45.1	67.7
99	61.2	50.8	76.2

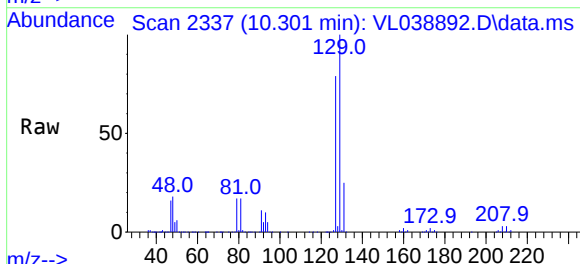
Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

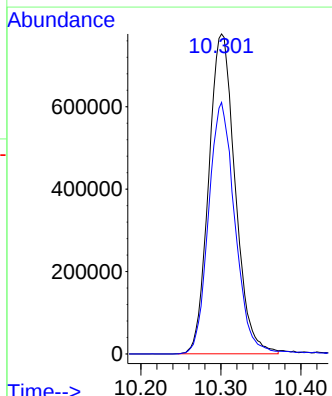
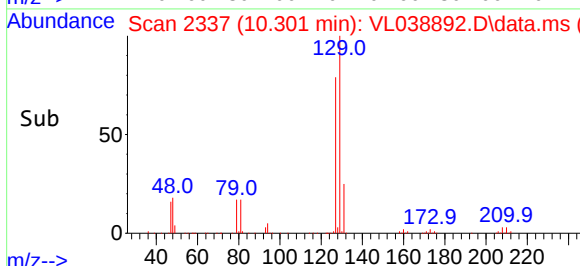


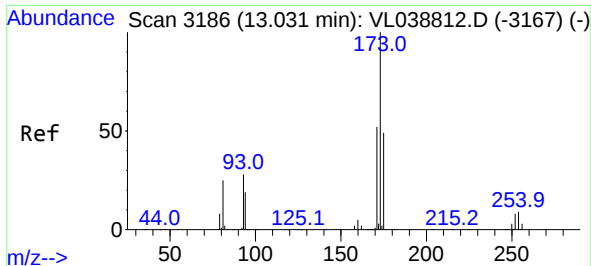
#48
Dibromochloromethane
Concen: 10.420 ppbv
RT: 10.301 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08



Tgt Ion:129 Resp: 1785381

Ion	Ratio	Lower	Upper
129	100		
127	78.9	38.9	116.6





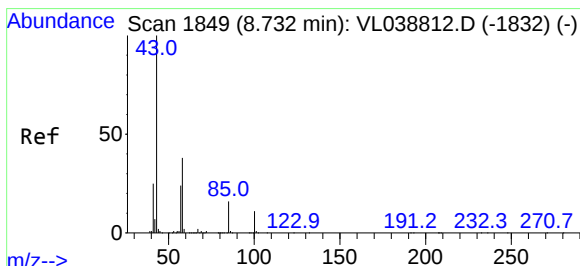
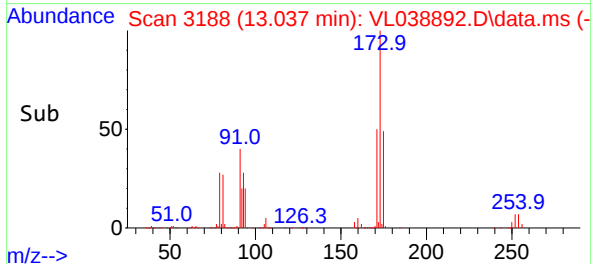
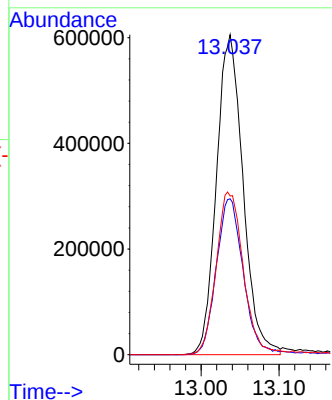
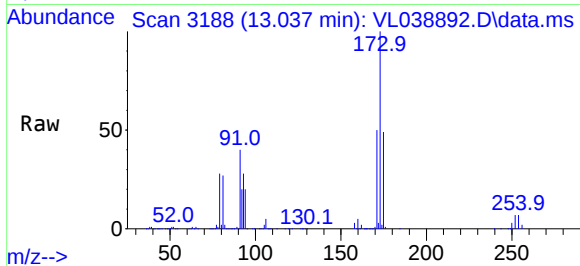
#49
Bromoform
Concen: 10.579 ppbv
RT: 13.037 min Scan# 3186
Delta R.T. 0.006 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS01

Tgt Ion:173 Resp: 143576
Ion Ratio Lower Upper
173 100
175 50.5 39.9 59.9
171 53.4 43.4 65.0

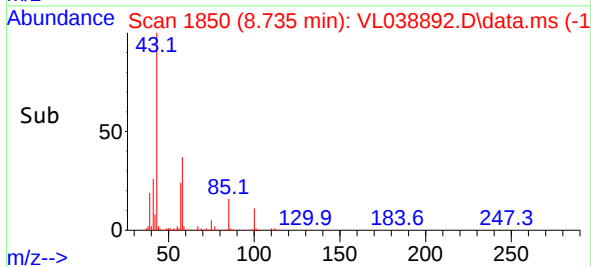
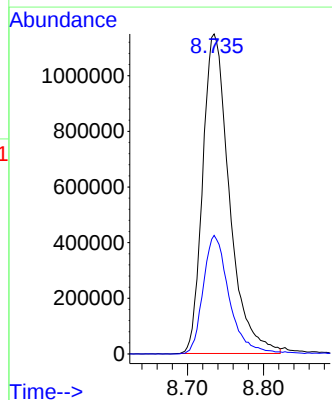
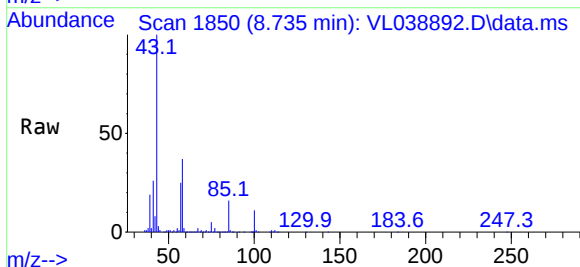
Manual Integrations
APPROVED

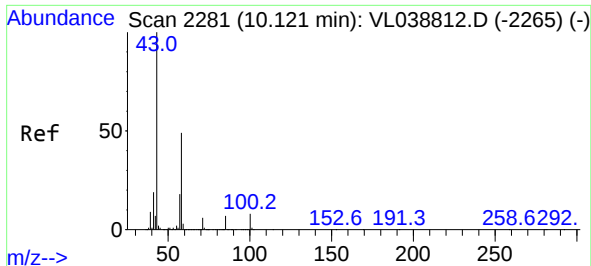
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#50
4-Methyl-2-Pentanone
Concen: 10.261 ppbv
RT: 8.735 min Scan# 1850
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

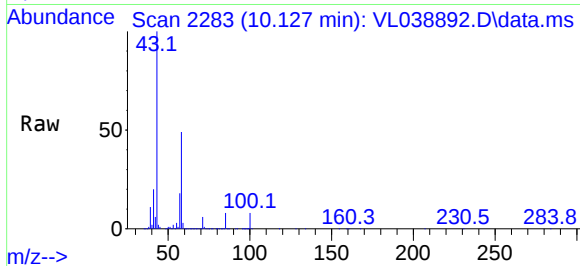
Tgt Ion: 43 Resp: 2796515
Ion Ratio Lower Upper
43 100
58 36.8 29.0 43.6





#51
2-Hexanone
Concen: 10.774 ppbv
RT: 10.127 min Scan# 2281
Delta R.T. 0.006 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

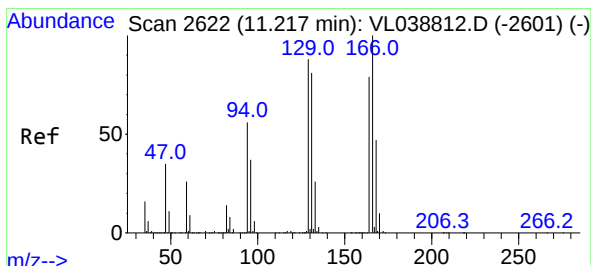
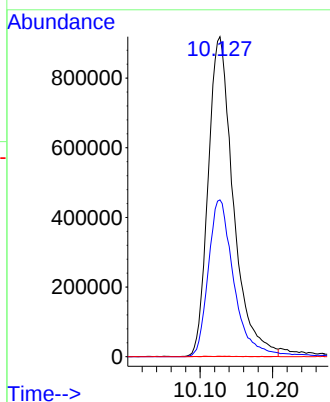
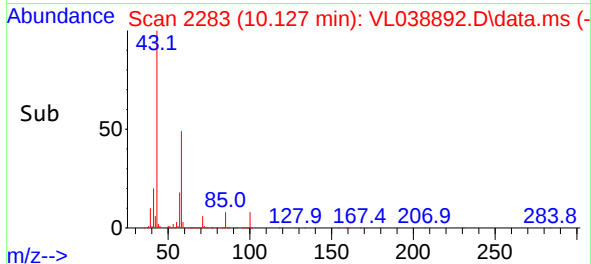
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS01



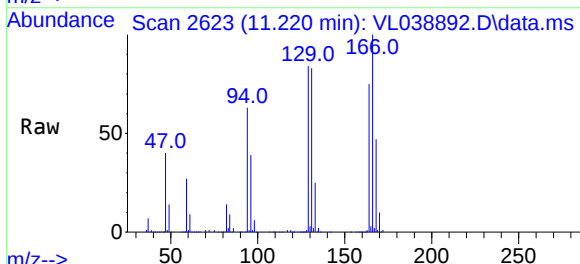
Tgt Ion: 43 Resp: 221248
Ion Ratio Lower Upper
43 100
58 50.9 41.4 62.0
98 0.2 0.1 0.1

Manual Integrations
APPROVED

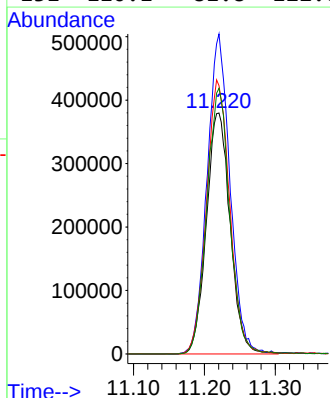
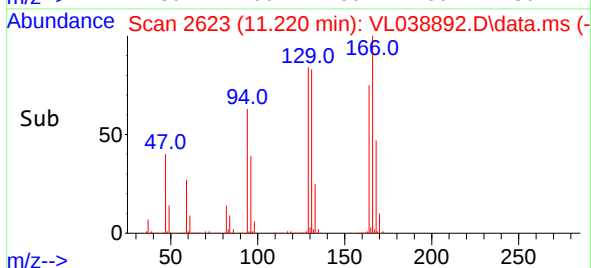
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

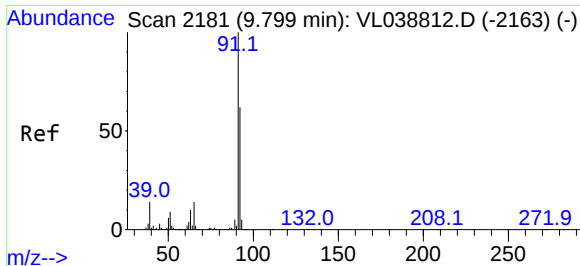


#52
Tetrachloroethene
Concen: 9.054 ppbv
RT: 11.220 min Scan# 2623
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08



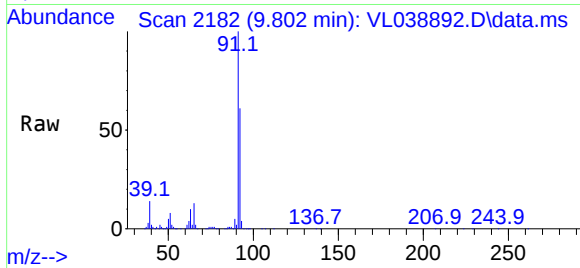
Tgt Ion:164 Resp: 882185
Ion Ratio Lower Upper
164 100
166 132.8 101.0 151.6
129 111.2 88.7 133.1
131 110.1 81.8 122.6





#53
Toluene
Concen: 9.683 ppbv
RT: 9.802 min Scan# 2181
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

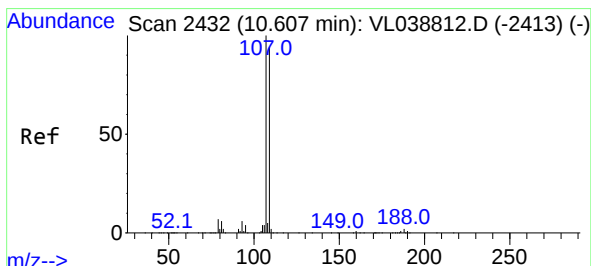
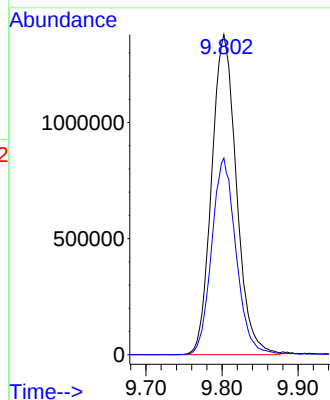
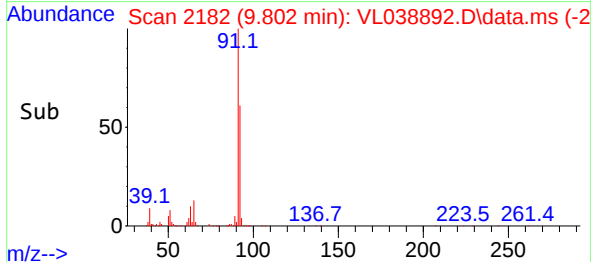
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS01



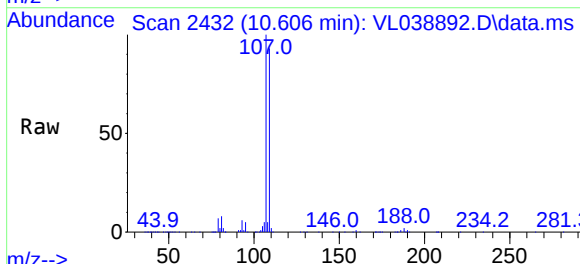
Tgt Ion: 91 Resp: 311795
Ion Ratio Lower Upper
91 100
92 60.7 49.2 73.8

Manual Integrations
APPROVED

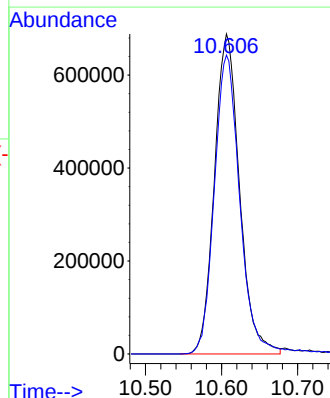
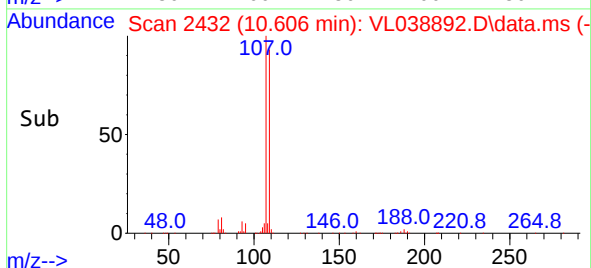
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

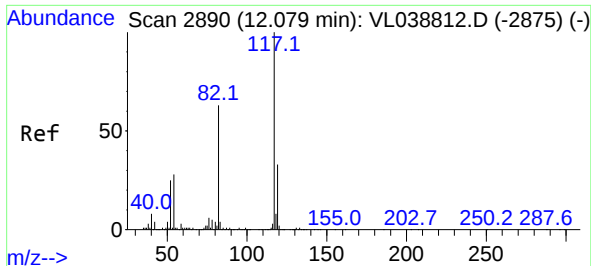


#54
1,2-Dibromoethane
Concen: 10.396 ppbv
RT: 10.606 min Scan# 2432
Delta R.T. -0.000 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08



Tgt Ion:107 Resp: 1578799
Ion Ratio Lower Upper
107 100
109 93.4 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: VL038892.D

Acq: 12 Apr 2022 15:08

Instrument :

MSVOA_L

ClientSampleId :

VL0412ABS01

Tgt Ion:117 Resp: 2815749

Ion Ratio Lower Upper

117 100

82 68.4 53.0 79.6

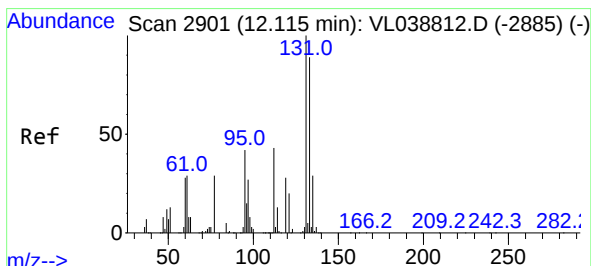
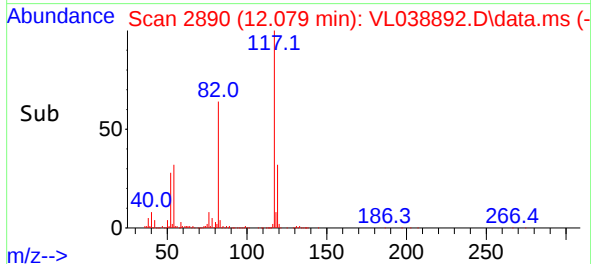
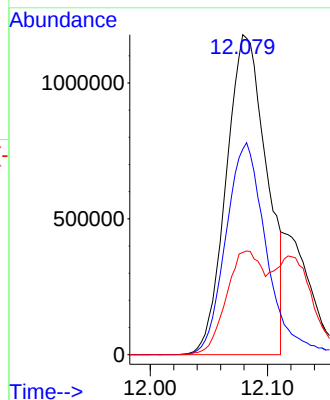
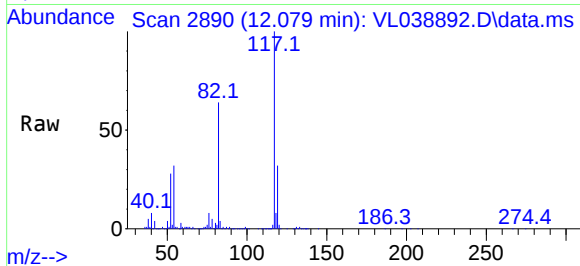
119 28.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2022

Supervised By :Mahesh Dadoda 04/14/2022



#56

1,1,1,2-Tetrachloroethane

Concen: 10.055 ppbv

RT: 12.117 min Scan# 2902

Delta R.T. 0.003 min

Lab File: VL038892.D

Acq: 12 Apr 2022 15:08

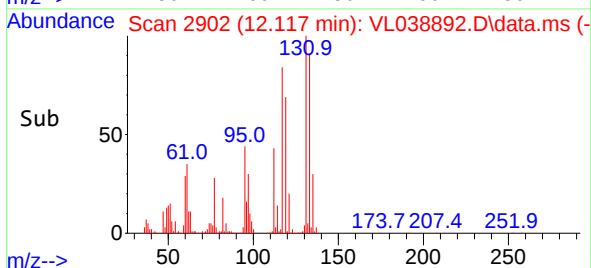
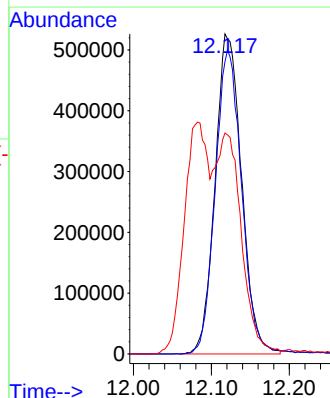
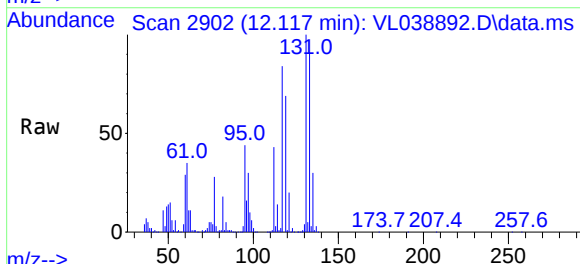
Tgt Ion:131 Resp: 1240692

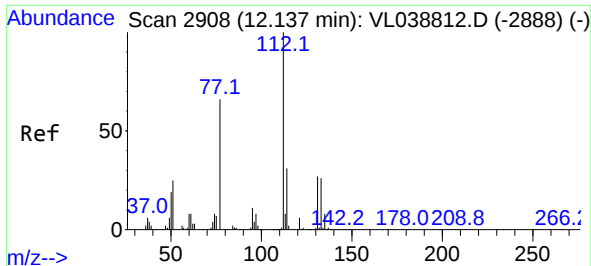
Ion Ratio Lower Upper

131 100

133 95.5 78.2 117.4

119 72.8 58.6 87.8





#57

Chlorobenzene

Concen: 9.454 ppbv

RT: 12.143 min Scan# 2908

Delta R.T. 0.006 min

Lab File: VL038892.D

Acq: 12 Apr 2022 15:08

Instrument :

MSVOA_L

ClientSampleId :

VL0412ABS01

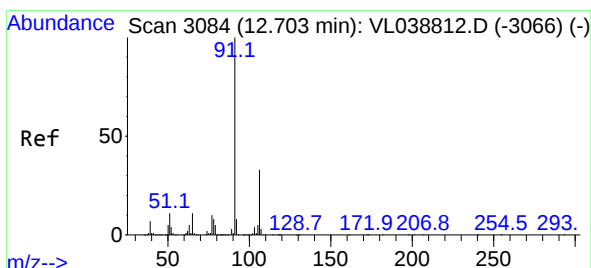
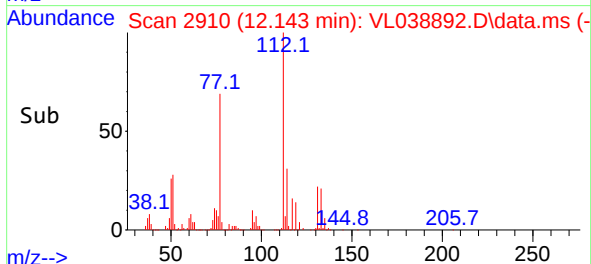
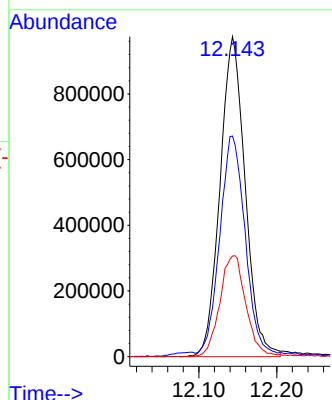
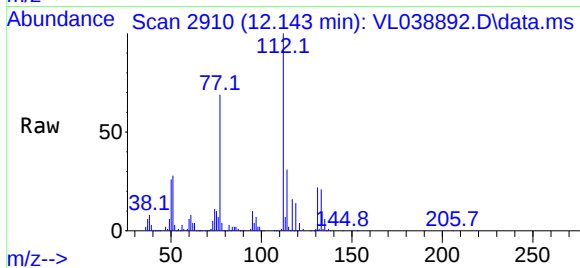
Tgt Ion:112 Resp: 2180129

Ion	Ratio	Lower	Upper
112	100		
77	67.8	52.4	78.6
114	31.4	28.1	34.3

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#58

Ethyl Benzene

Concen: 9.904 ppbv

RT: 12.706 min Scan# 3085

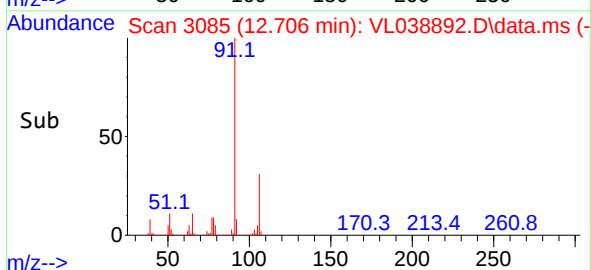
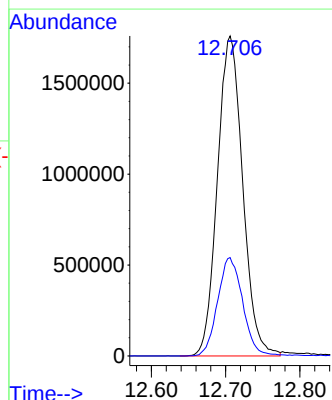
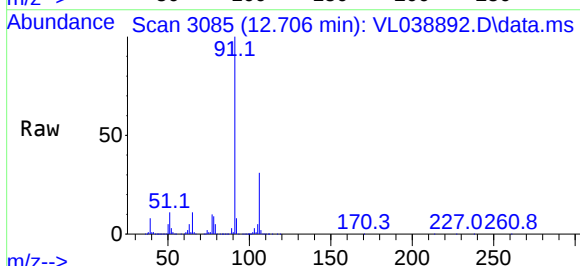
Delta R.T. 0.003 min

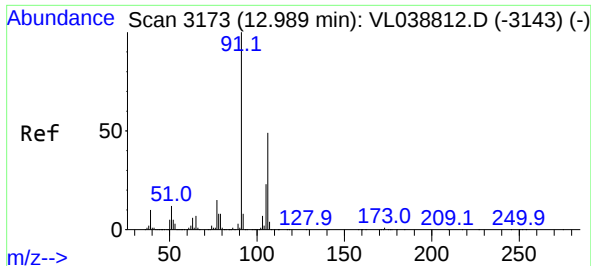
Lab File: VL038892.D

Acq: 12 Apr 2022 15:08

Tgt Ion: 91 Resp: 4167093

Ion	Ratio	Lower	Upper
91	100		
106	30.7	26.7	40.1





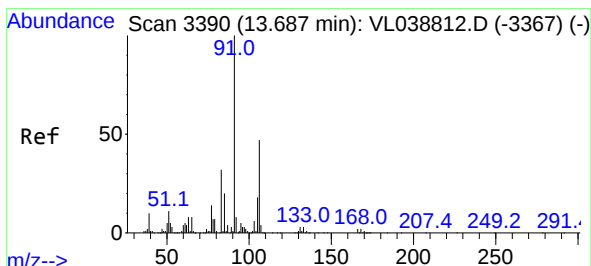
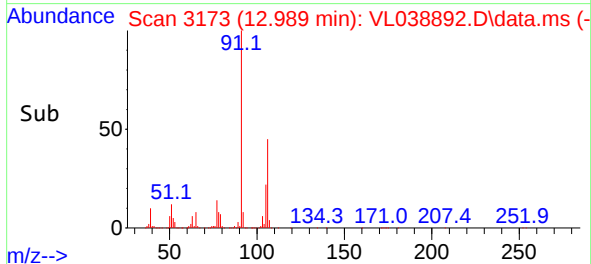
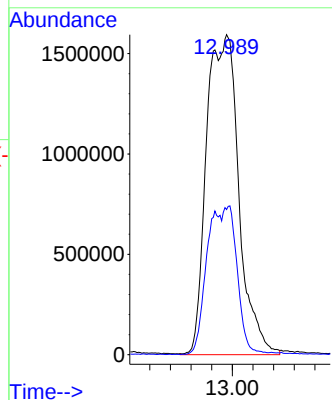
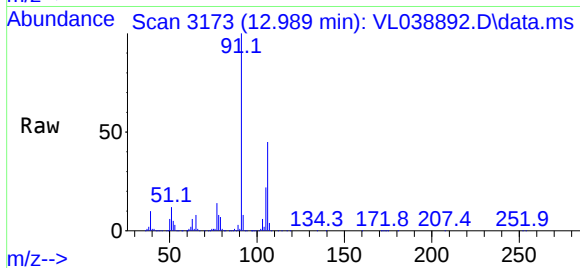
#59
m/p-Xylene
Concen: 19.598 ppbv m
RT: 12.989 min Scan# 3173
Delta R.T. -0.000 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS01

Tgt Ion: 91 Resp: 692762
Ion Ratio Lower Upper
91 100
106 43.4 37.1 55.7

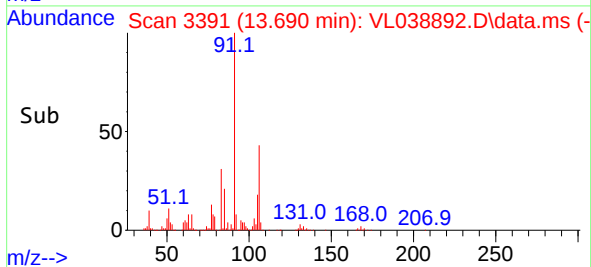
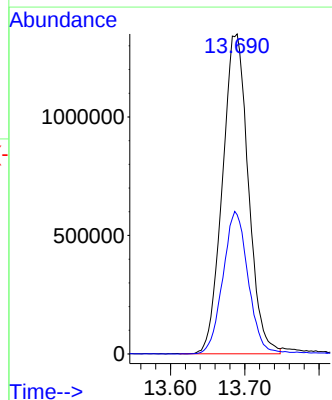
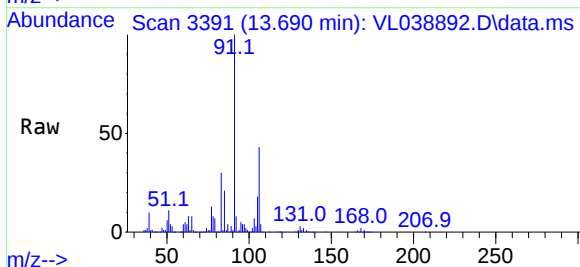
Manual Integrations
APPROVED

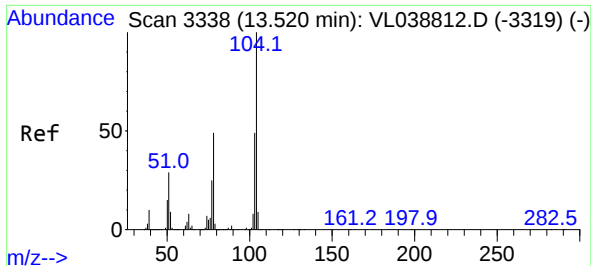
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#60
o-Xylene
Concen: 9.894 ppbv
RT: 13.690 min Scan# 3391
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

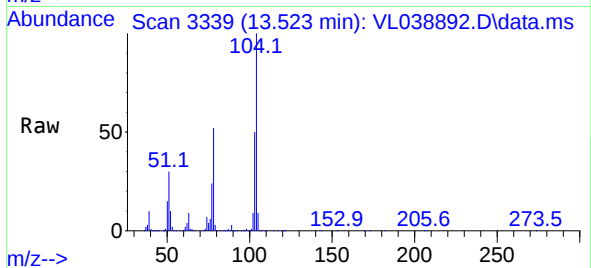
Tgt Ion: 91 Resp: 3272529
Ion Ratio Lower Upper
91 100
106 44.4 23.8 71.4





#61
Styrene
Concen: 10.070 ppbv
RT: 13.523 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

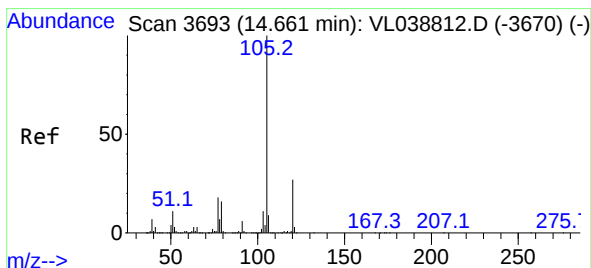
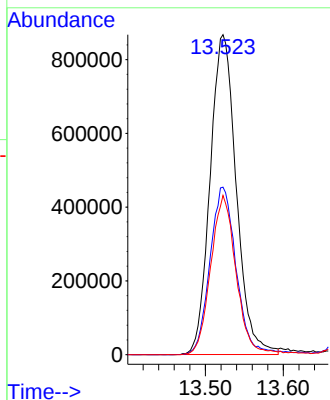
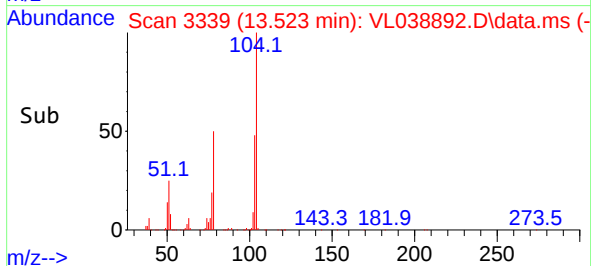
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS01



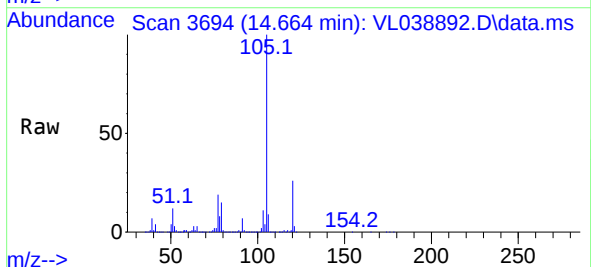
Tgt Ion:104 Resp: 2029340
Ion Ratio Lower Upper
104 100
78 53.1 40.5 60.7
103 48.6 39.0 58.4

Manual Integrations
APPROVED

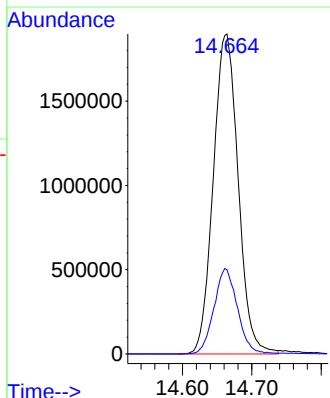
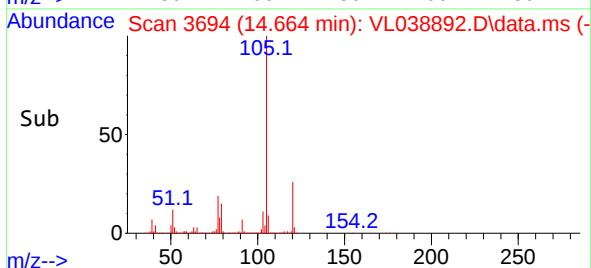
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

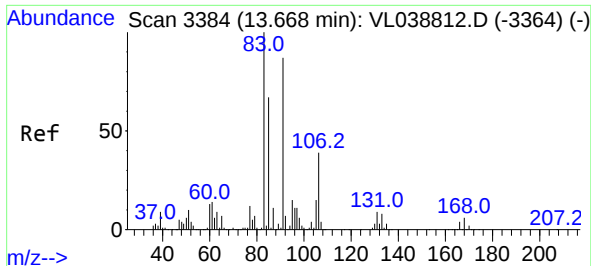


#62
Isopropylbenzene
Concen: 9.534 ppbv
RT: 14.664 min Scan# 3694
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08



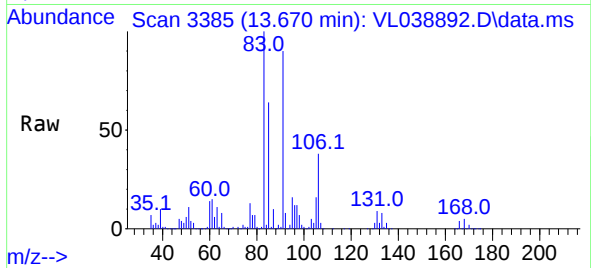
Tgt Ion:105 Resp: 4733542
Ion Ratio Lower Upper
105 100
120 25.5 21.8 32.8





#63
1,1,2,2-Tetrachloroethane
Concen: 9.714 ppbv
RT: 13.670 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

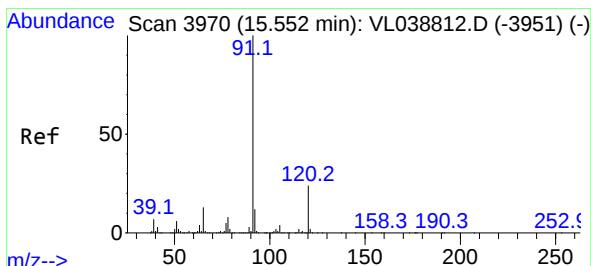
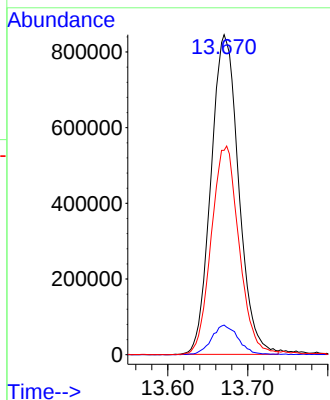
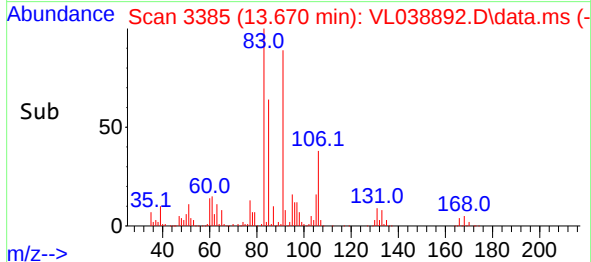
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS01



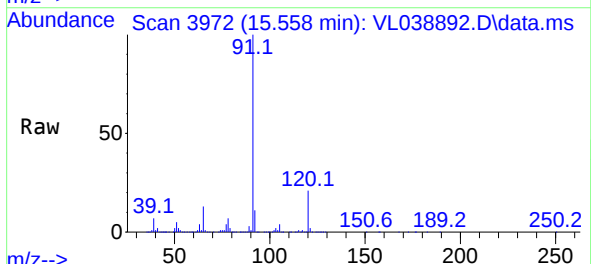
Tgt Ion: 83 Resp: 2034984
Ion Ratio Lower Upper
83 100
131 9.0 4.6 13.8
85 66.5 33.0 99.0

Manual Integrations
APPROVED

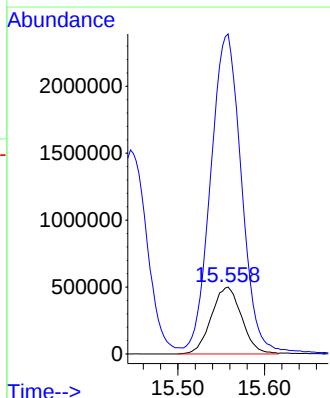
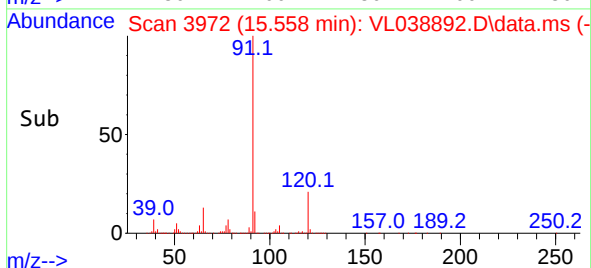
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

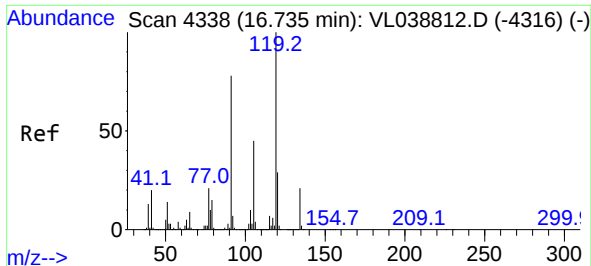


#64
n-propylbenzene
Concen: 9.396 ppbv
RT: 15.558 min Scan# 3972
Delta R.T. 0.006 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08



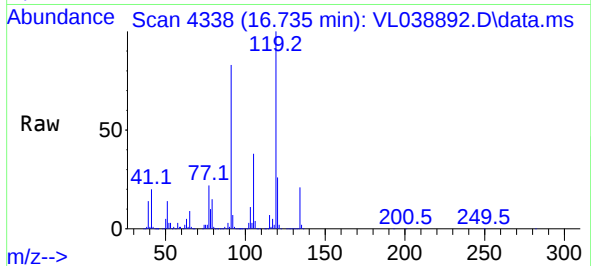
Tgt Ion:120 Resp: 1211256
Ion Ratio Lower Upper
120 100
91 491.8 360.6 540.8





#65
tert-Butylbenzene
Concen: 9.077 ppbv
RT: 16.735 min Scan# 4338
Delta R.T. -0.000 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

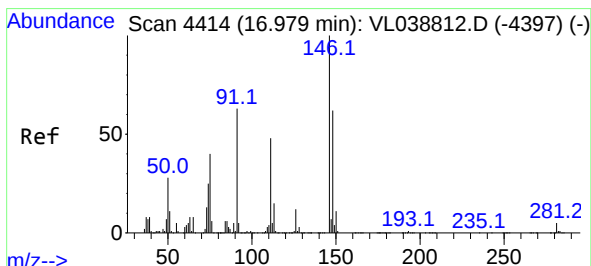
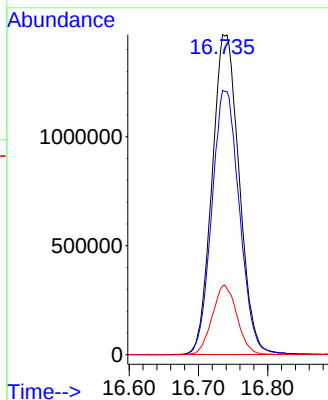
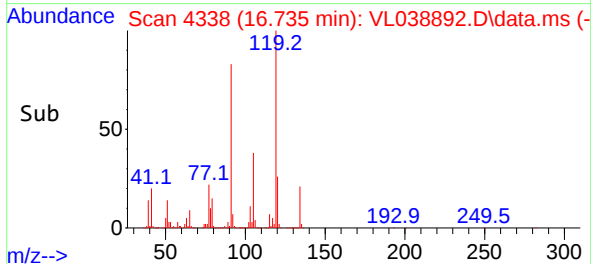
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS01



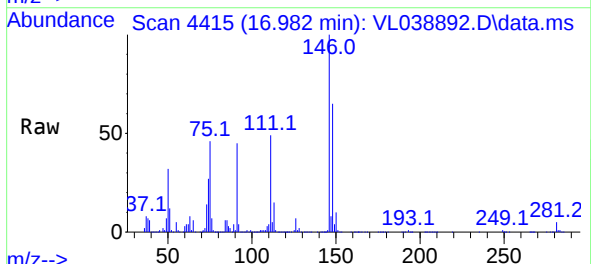
Tgt Ion: 119 Resp: 3998170
Ion Ratio Lower Upper
119 100
91 84.1 62.8 94.2
134 19.9 16.2 24.4

Manual Integrations
APPROVED

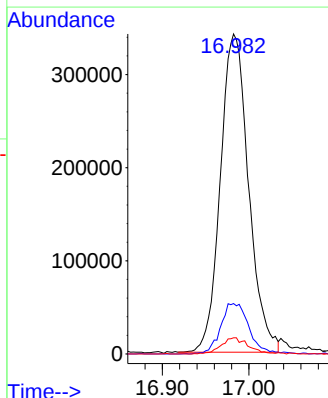
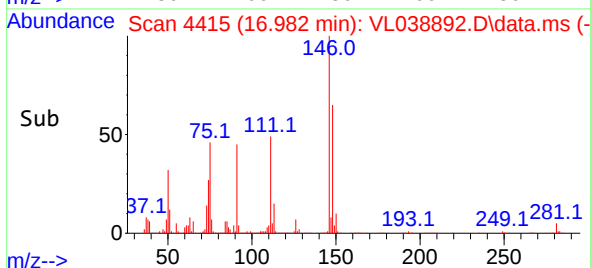
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

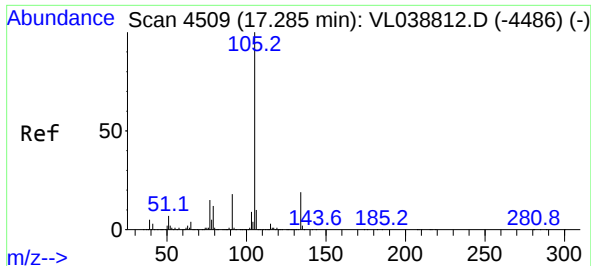


#66
Benzyl Chloride
Concen: 8.629 ppbv
RT: 16.982 min Scan# 4415
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08



Tgt Ion: 91 Resp: 773831
Ion Ratio Lower Upper
91 100
126 16.1 15.4 23.0
128 5.1 4.7 7.1





#67

sec-Butylbenzene

Concen: 9.497 ppbv

RT: 17.288 min Scan# 4509

Delta R.T. 0.003 min

Lab File: VL038892.D

Acq: 12 Apr 2022 15:08

Instrument :

MSVOA_L

ClientSampleId :

VL0412ABS01

Tgt Ion:105 Resp: 586999

Ion Ratio Lower Upper

105 100

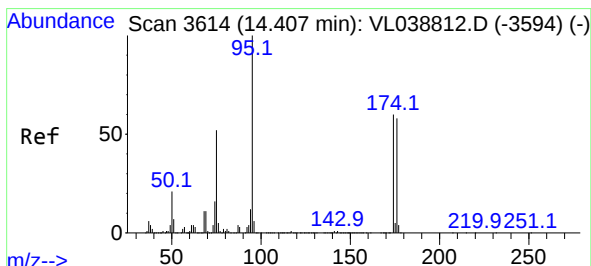
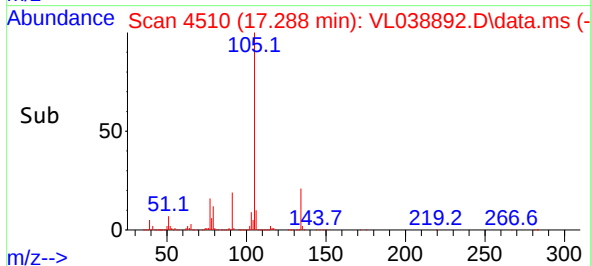
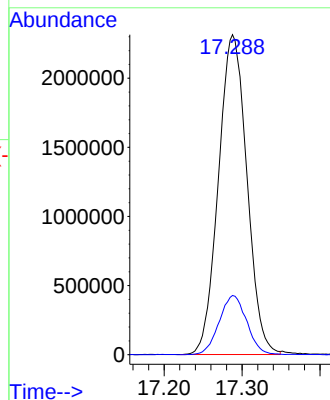
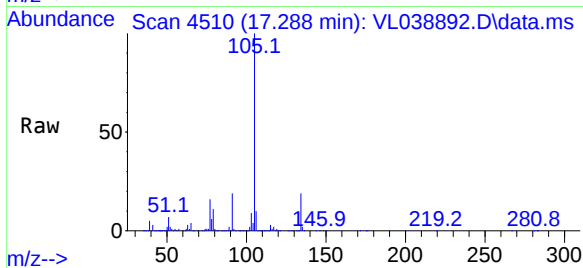
134 18.0 15.1 22.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2022

Supervised By :Mahesh Dadoda 04/14/2022



#68

1-Bromo-4-Fluorobenzene

Concen: 10.425 ppbv

RT: 14.413 min Scan# 3616

Delta R.T. 0.006 min

Lab File: VL038892.D

Acq: 12 Apr 2022 15:08

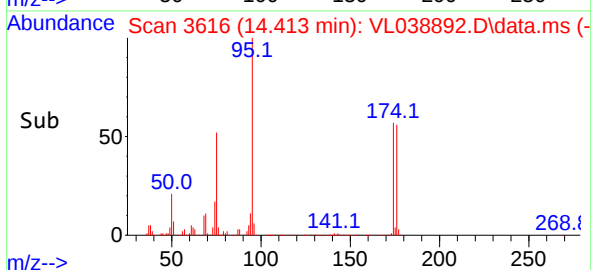
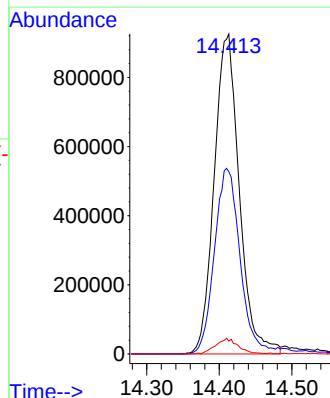
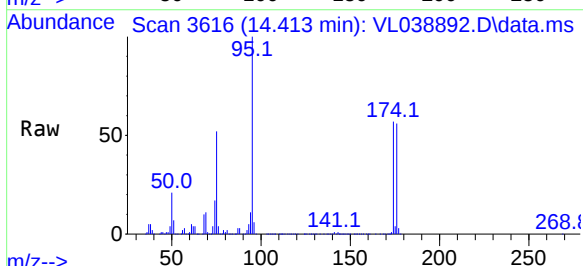
Tgt Ion: 95 Resp: 2226510

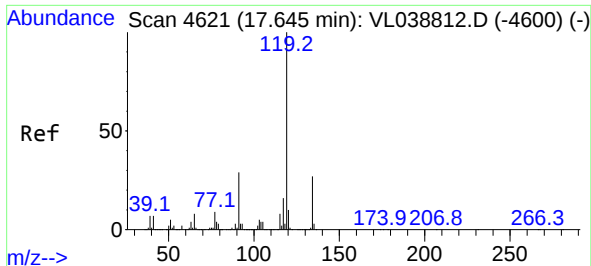
Ion Ratio Lower Upper

95 100

174 61.2 52.0 78.0

175 4.4 4.0 6.0





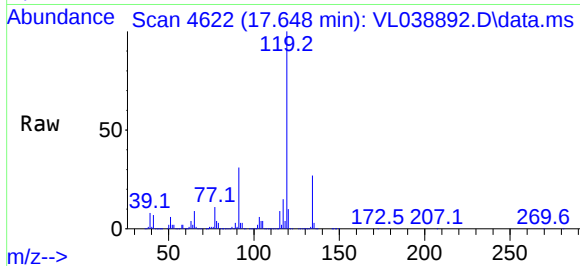
#69
p-Isopropyltoluene
Concen: 9.432 ppbv
RT: 17.648 min Scan# 4119
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

Instrument :

MSVOA_L

ClientSampleId :

VL0412ABS01

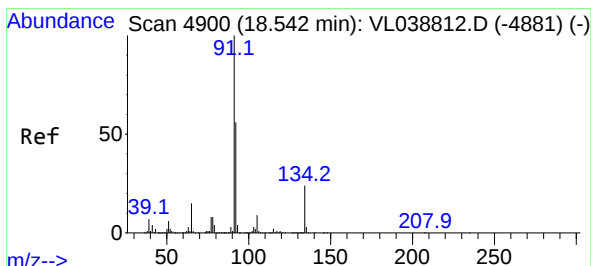
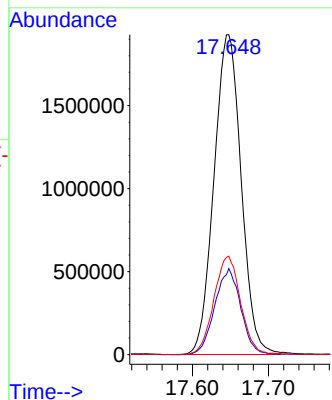
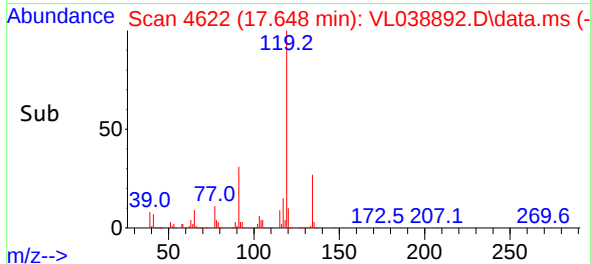


Tgt Ion:119 Resp: 4786777
Ion Ratio Lower Upper
119 100
134 25.9 20.8 31.2
91 30.2 22.6 34.0

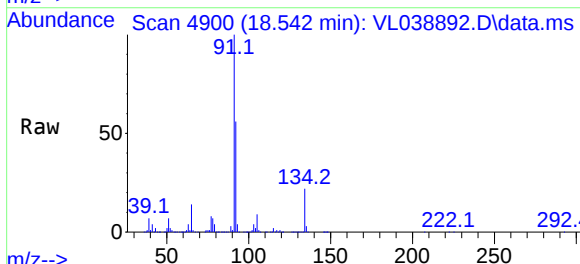
Manual Integrations

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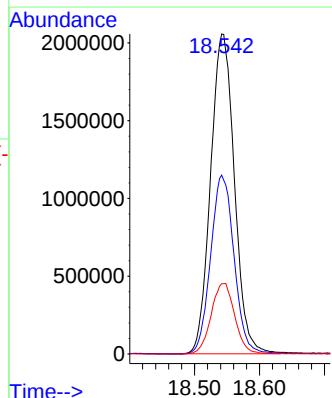
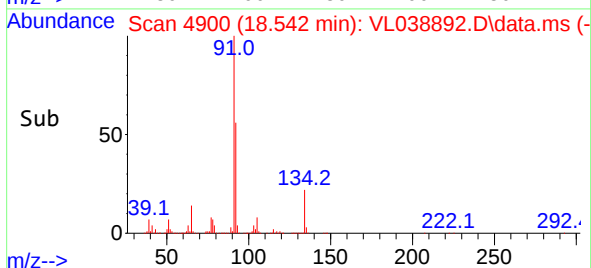
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

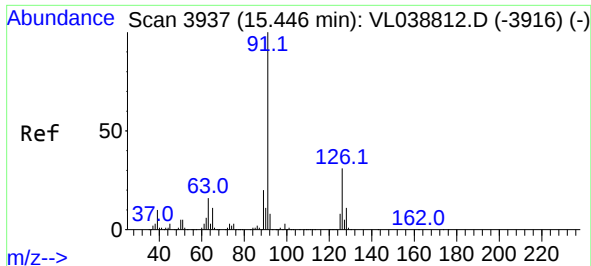


#70
n-Butylbenzene
Concen: 10.234 ppbv
RT: 18.542 min Scan# 4900
Delta R.T. -0.000 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08



Tgt Ion: 91 Resp: 5232608
Ion Ratio Lower Upper
91 100
92 55.2 44.6 66.8
134 22.0 19.2 28.8





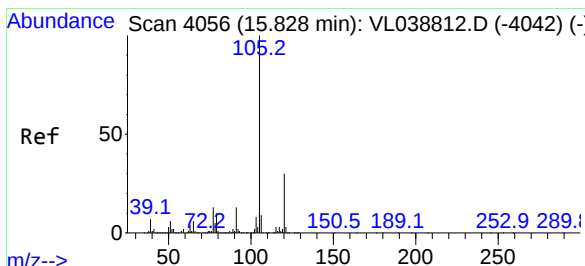
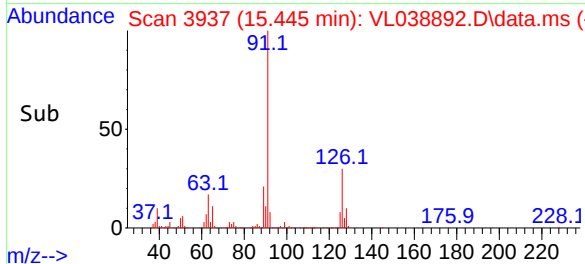
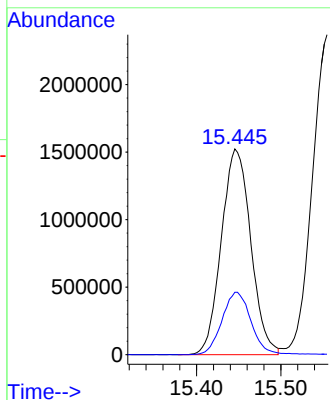
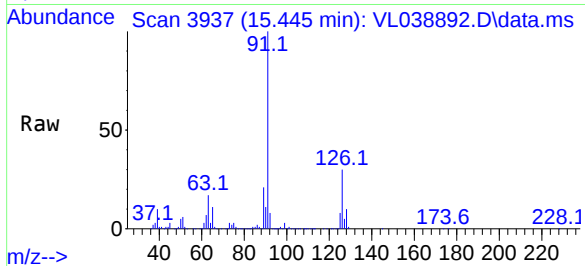
#71
2-Chlorotoluene
Concen: 9.911 ppbv
RT: 15.445 min Scan# 3937
Delta R.T. -0.000 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS01

Tgt Ion: 91 Resp: 369988
Ion Ratio Lower Upper
91 100
126 30.2 13.0 51.8

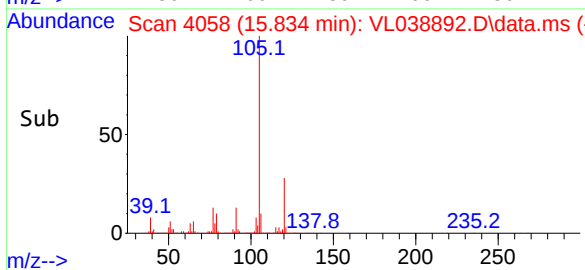
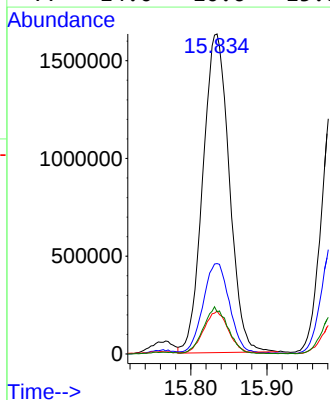
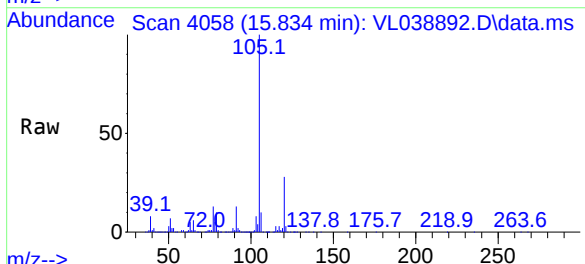
Manual Integrations
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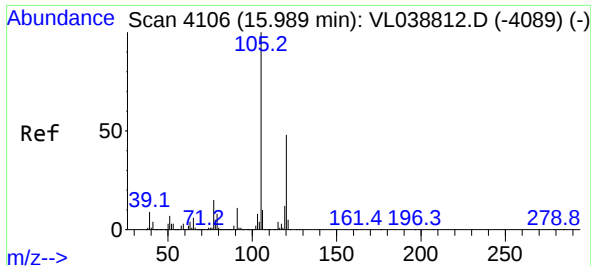
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#72
4-Ethyltoluene
Concen: 9.959 ppbv
RT: 15.834 min Scan# 4058
Delta R.T. 0.006 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

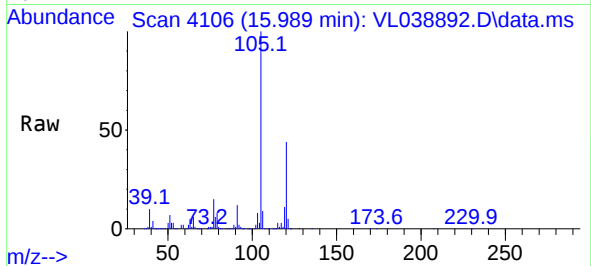
Tgt Ion:105 Resp: 3933640
Ion Ratio Lower Upper
105 100
120 28.9 24.3 36.5
91 12.6 9.4 14.2
77 14.0 10.6 15.8





#73
1,3,5-Trimethylbenzene
Concen: 9.871 ppbv
RT: 15.989 min Scan# 4106
Delta R.T. -0.000 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

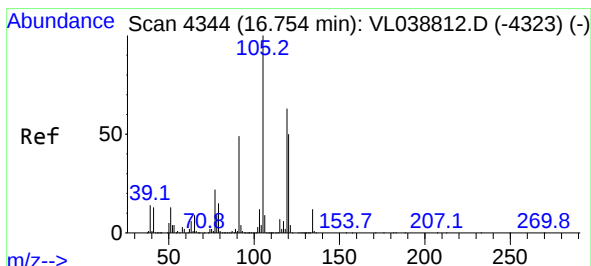
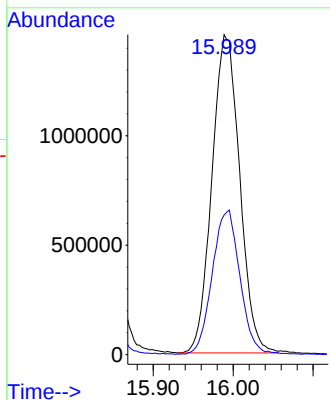
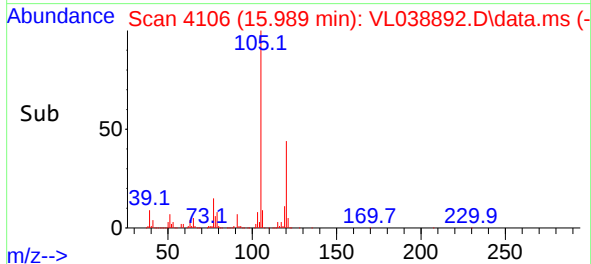
Instrument : MSVOA_L
ClientSampleId : VL0412ABS01



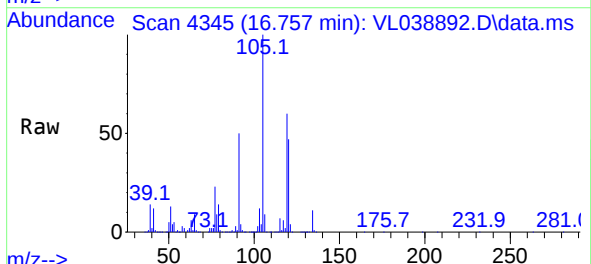
Tgt Ion:105 Resp: 3502488
Ion Ratio Lower Upper
105 100
120 43.6 38.7 58.1

Manual Integrations
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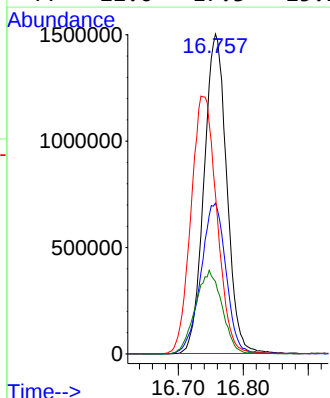
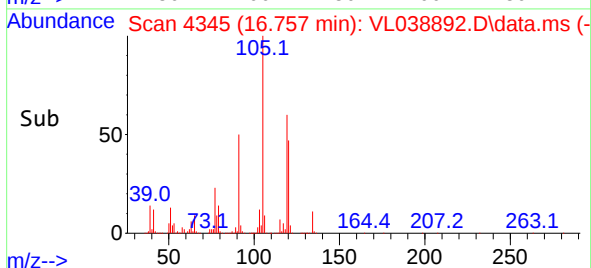
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

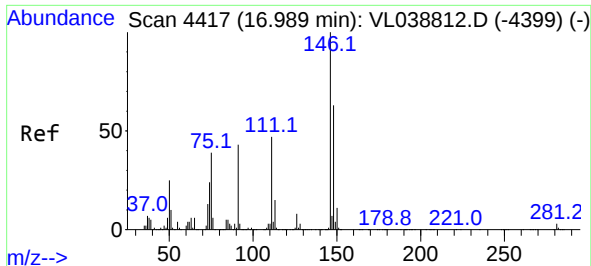


#74
1,2,4-Trimethylbenzene
Concen: 9.711 ppbv
RT: 16.757 min Scan# 4345
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08



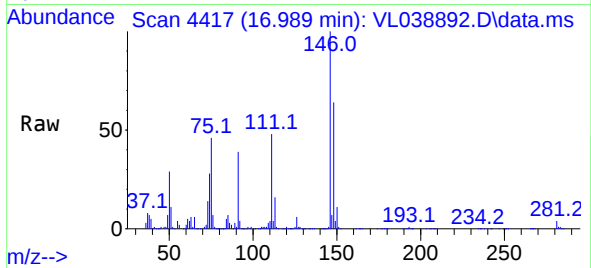
Tgt Ion:105 Resp: 3642596
Ion Ratio Lower Upper
105 100
120 47.0 39.8 59.8
91 49.6 39.4 59.0
77 22.6 17.3 25.9





#75
1,3-Dichlorobenzene
Concen: 9.441 ppbv
RT: 16.989 min Scan# 4417
Delta R.T. -0.000 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

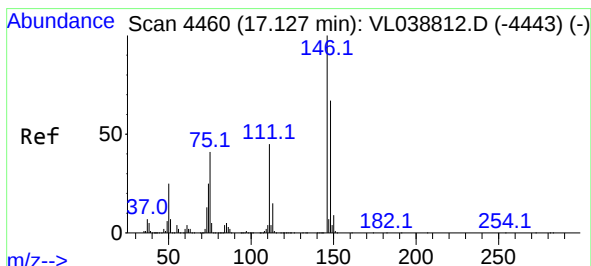
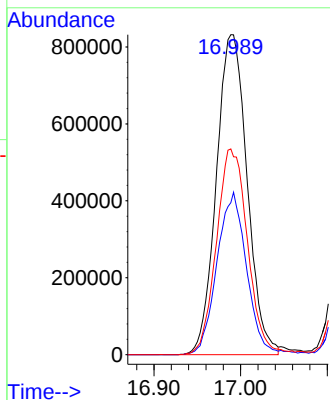
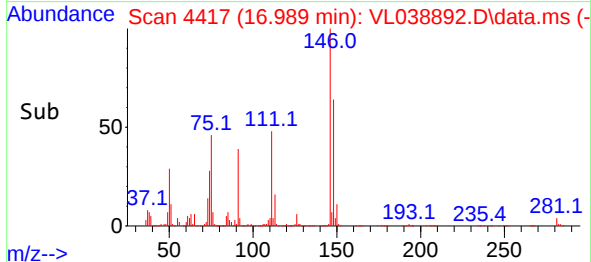
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS01



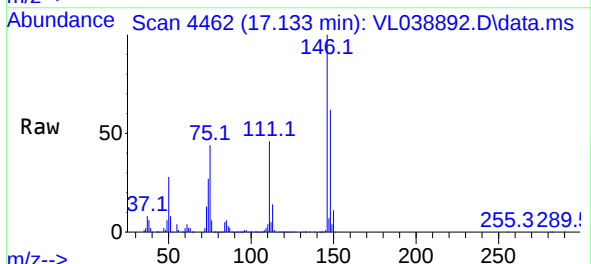
Tgt Ion:146 Resp: 205613
Ion Ratio Lower Upper
146 100
111 48.9 23.8 71.2
148 65.4 31.8 95.4

Manual Integrations
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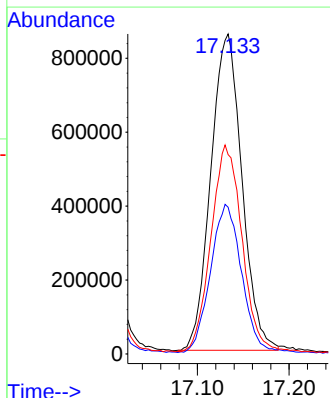
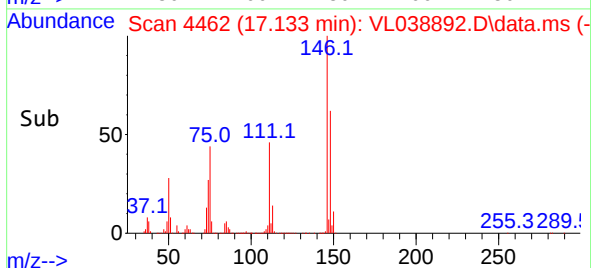
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

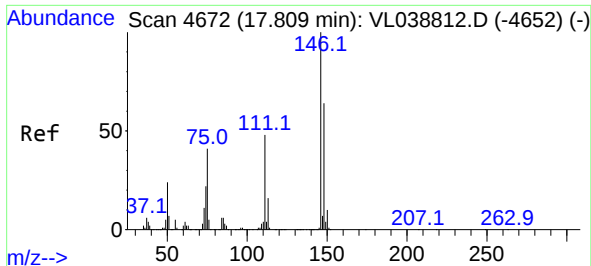


#76
1,4-Dichlorobenzene
Concen: 9.412 ppbv
RT: 17.133 min Scan# 4462
Delta R.T. 0.006 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08



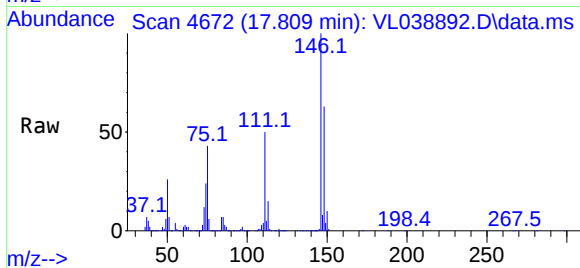
Tgt Ion:146 Resp: 2019176
Ion Ratio Lower Upper
146 100
111 48.5 23.6 70.8
148 67.7 33.6 100.6





#77
1,2-Dichlorobenzene
Concen: 9.544 ppbv
RT: 17.809 min Scan# 401
Delta R.T. -0.000 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

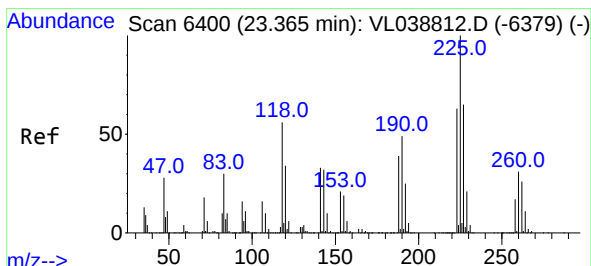
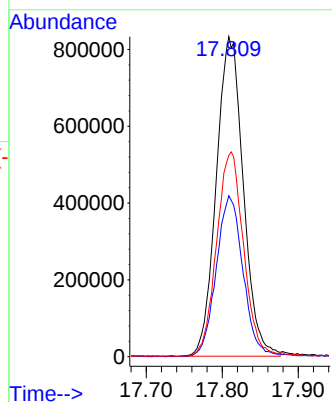
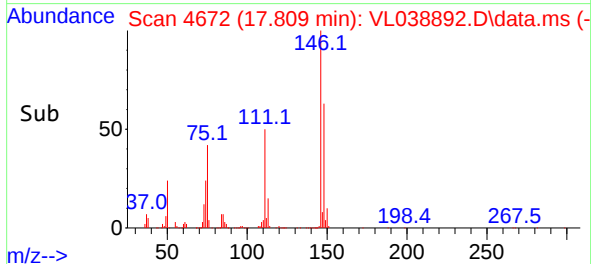
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS01



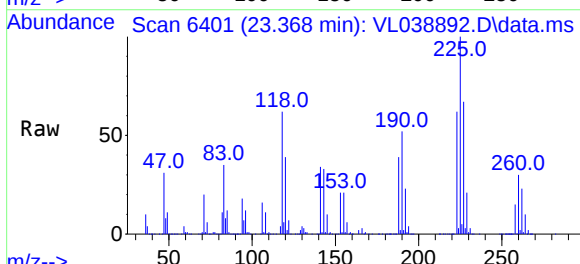
Tgt Ion:146 Resp: 204894
Ion Ratio Lower Upper
146 100
111 50.1 24.8 74.3
148 64.9 31.9 95.7

Manual Integrations
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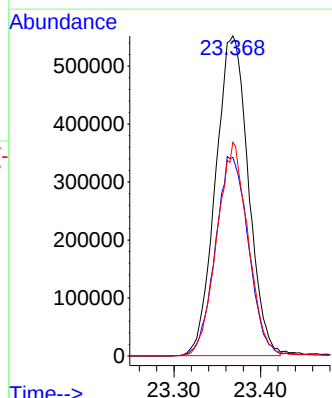
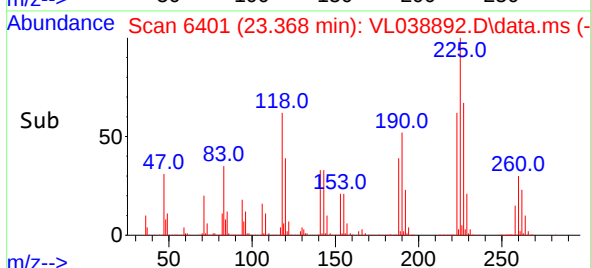
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

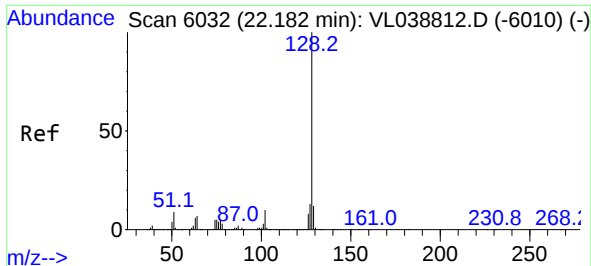


#78
Hexachloro-1,3-Butadiene
Concen: 8.555 ppbv
RT: 23.368 min Scan# 6401
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08



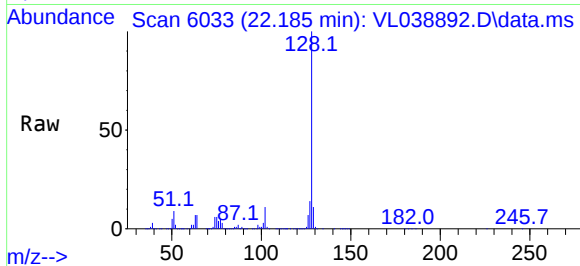
Tgt Ion:225 Resp: 1451087
Ion Ratio Lower Upper
225 100
223 63.4 51.6 77.4
227 64.2 52.3 78.5





#79
Naphthalene
Concen: 10.848 ppbv
RT: 22.185 min Scan# 6032
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08

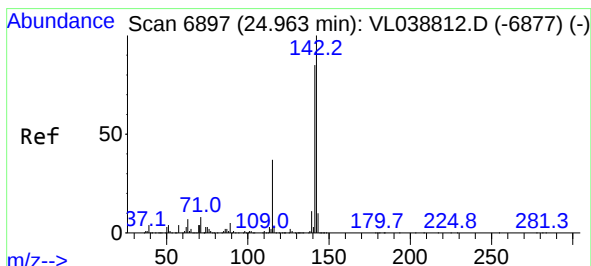
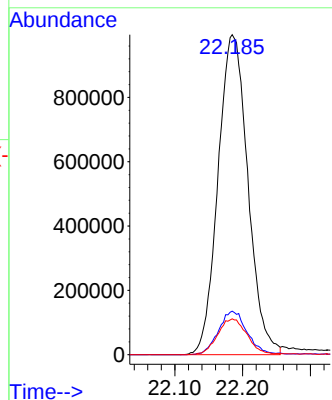
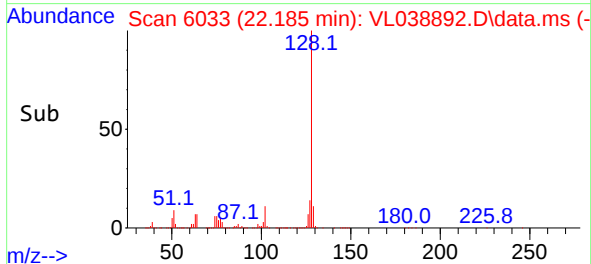
Instrument :
MSVOA_L
ClientSampleId :
VL0412ABS01



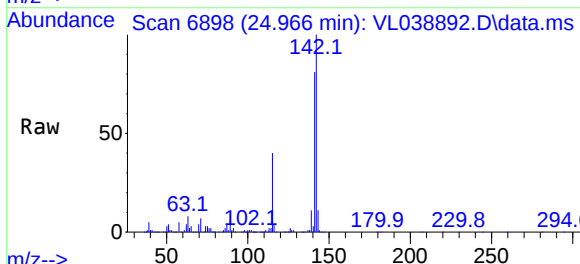
Tgt Ion:128 Resp: 3043762
Ion Ratio Lower Upper
128 100
127 13.6 10.6 15.8
129 11.2 9.4 14.0

Manual Integrations
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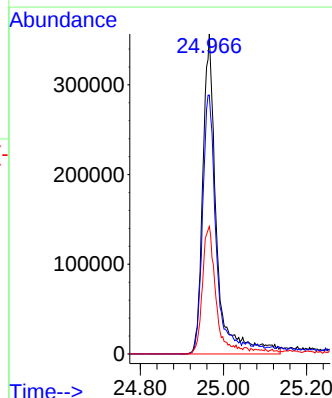
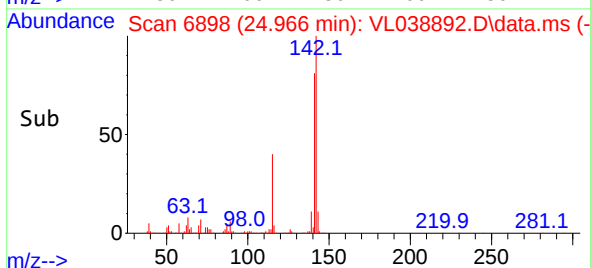
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

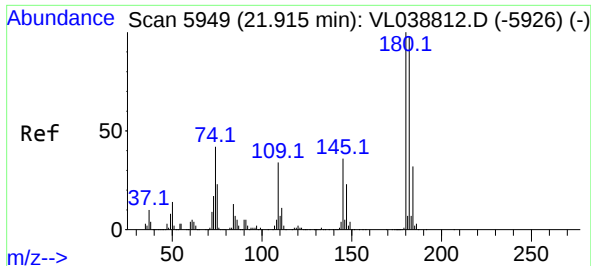


#80
Naphthalene,2-methyl-
Concen: 11.864 ppbv
RT: 24.966 min Scan# 6898
Delta R.T. 0.003 min
Lab File: VL038892.D
Acq: 12 Apr 2022 15:08



Tgt Ion:142 Resp: 820264
Ion Ratio Lower Upper
142 100
141 82.6 68.8 103.2
115 41.0 31.6 47.4





#81

1,2,4-Trichlorobenzene

Concen: 10.044 ppbv

RT: 21.915 min Scan# 5949

Delta R.T. -0.000 min

Lab File: VL038892.D

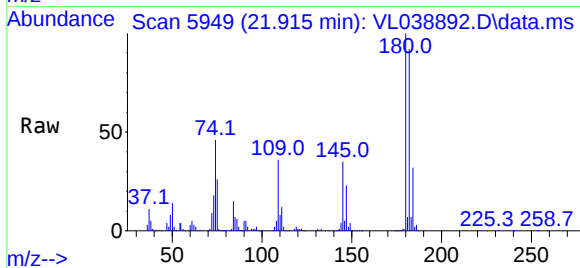
Acq: 12 Apr 2022 15:08

Instrument :

MSVOA_L

ClientSampleId :

VL0412ABS01



Tgt Ion:180 Resp: 164928

Ion Ratio Lower Upper

180 100

182 96.2 79.4 119.0

184 31.3 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2022

Supervised By :Mahesh Dadoda 04/14/2022

