

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041922\
 Data File : VL038945.D
 Acq On : 19 Apr 2022 11:58
 Operator : SY/AP
 Sample : VL0419ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0419ABS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/20/2022
 Supervised By : Mahesh Dadoda 04/20/2022

Quant Time: Apr 20 04:25:16 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 20 2022

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

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.681	49	1178929	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.195	114	3093846	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.102	117	3008213m	10.000	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.429 95 2333024 10.224 ppbv 0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.200%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.067	85	2314632	13.842	ppbv	98
3) Chlorodifluoromethane	3.006	51	1405221	9.767	ppbv	97
4) Chloromethane	3.157	50	709615	9.525	ppbv	98
5) Vinyl Chloride	3.276	62	690973	10.037	ppbv	96
6) Bromomethane	3.491	94	354322	10.638	ppbv	95
7) Chloroethane	3.575	64	241499	10.520	ppbv	94
8) Dichlorotetrafluoroethane	3.205	85	1608622	10.298	ppbv	98
9) Propene	3.028	41	698544	9.176	ppbv	100
10) Heptane	8.140	43	1741587	9.083	ppbv	97
11) Trichlorofluoromethane	3.967	101	1541807	11.474	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.501	101	1156396	11.235	ppbv	96
13) Ethanol	3.623	45	36160	7.817	ppbv #	100
14) Bromoethene	3.758	108	485987	10.736	ppbv	97
15) Acetone	3.864	43	1124444	9.580	ppbv	98
16) 1,3-Butadiene	3.346	39	659085	9.822	ppbv	100
17) tert-Butyl alcohol	4.301	59	865775	8.226	ppbv	100
18) 1,1-Dichloroethene	4.308	96	510147	10.873	ppbv	95
19) Isopropyl Alcohol	3.980	45	589710	9.830	ppbv #	100
20) Methylene Chloride	4.362	84	441311	10.367	ppbv	96
21) Allyl Chloride	4.430	41	873907	9.944	ppbv	99
22) trans-1,2-Dichloroethene	4.903	96	549302	11.563	ppbv	95
23) Vinyl Acetate	5.089	43	1209340	10.580	ppbv	99
24) 1,1-Dichloroethane	5.028	63	1078143	10.438	ppbv	99
25) Ethyl Acetate	5.690	43	2943556	9.884	ppbv	99
26) Hexane	5.706	57	1290133	9.517	ppbv	99
27) Carbon Disulfide	4.568	76	1350099	10.860	ppbv	98
28) Methyl tert-Butyl Ether	5.050	73	1028891	9.827	ppbv	98
29) Chloroform	5.767	83	2001496	10.553	ppbv	97
30) Cyclohexane	7.147	84	1106928	9.265	ppbv	97
31) cis-1,2-Dichloroethene	5.565	61	1293463	10.377	ppbv	98
32) 1,1,1-Trichloroethane	6.526	97	1956687	10.239	ppbv	99
34) 2-Butanone	5.259	43	1782778	14.583	ppbv	97
35) Carbon Tetrachloride	7.034	117	1987437	10.715	ppbv	99
36) Benzene	6.906	78	2710050	9.629	ppbv	99
37) 1,2-Dichloroethane	6.324	62	1479422	11.497	ppbv	98
38) Trichloroethene	7.851	130	1097009	9.499	ppbv	94
39) 1,2-Dichloropropane	7.632	63	1052863	9.780	ppbv	96
40) 1,4-Dioxane	7.848	88	393023	10.751	ppbv #	14
41) Tetrahydrofuran	6.063	42	1144950	9.861	ppbv	100
42) Bromodichloromethane	7.809	83	2215361	10.902	ppbv	98
43) Methyl Methacrylate	8.031	69	1143026	10.603	ppbv	99
44) 2,2,4-Trimethylpentane	7.886	57	4540584	9.529	ppbv	99
45) t-1,3-Dichloropropene	9.291	75	1254305	11.128	ppbv	99

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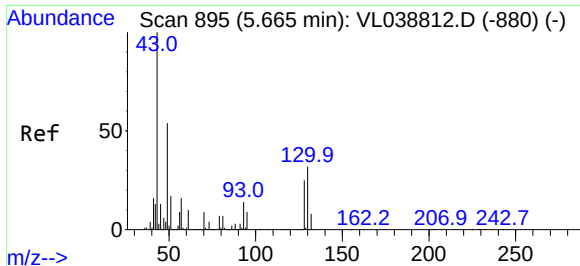
Quant Time: Apr 20 04:25:16 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL040522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 20 04:25:16 2022
 QLast Update : Wed Apr 06 06:12:53 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/20/2022
 Supervised By : Mahesh Dadoda 04/20/2022

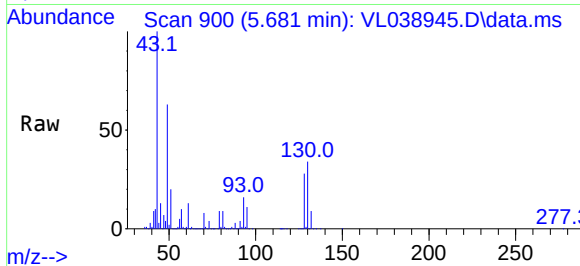
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.719	75	1535348	10.331	ppbv	98
47) 1,1,2-Trichloroethane	9.494	97	1101616	9.987	ppbv	98
48) Dibromochloromethane	10.324	129	1834872	10.613	ppbv	99
49) Bromoform	13.057	173	1510960	11.034	ppbv	99
50) 4-Methyl-2-Pentanone	8.754	43	2849756	10.363	ppbv	99
51) 2-Hexanone	10.147	43	2196697	10.602	ppbv	99
52) Tetrachloroethene	11.240	164	920957	9.368	ppbv	97
53) Toluene	9.822	91	3190130	9.819	ppbv	98
54) 1,2-Dibromoethane	10.629	107	1608962	10.501	ppbv	99
56) 1,1,1,2-Tetrachloroethane	12.137	131	1295201m	9.825	ppbv	
57) Chlorobenzene	12.163	112	2266973	9.201	ppbv	98
58) Ethyl Benzene	12.725	91	4273027	9.506	ppbv	97
59) m/p-Xylene	13.012	91	7091845m	18.779	ppbv	
60) o-Xylene	13.706	91	3354143	9.492	ppbv	94
61) Styrene	13.545	104	2079731	9.660	ppbv	98
62) Isopropylbenzene	14.680	105	4871161	9.184	ppbv	96
63) 1,1,2,2-Tetrachloroethane	13.690	83	2076527	9.278	ppbv	99
64) n-propylbenzene	15.577	120	1246156	9.048	ppbv	87
65) tert-Butylbenzene	16.761	119	4130822	8.778	ppbv	95
66) Benzyl Chloride	17.002	91	799013	8.340	ppbv	95
67) sec-Butylbenzene	17.310	105	6016132	9.110	ppbv	98
69) p-Isopropyltoluene	17.664	119	4912336	9.060	ppbv	98
70) n-Butylbenzene	18.561	91	5365106	9.822	ppbv	98
71) 2-Chlorotoluene	15.468	91	3820818	9.580	ppbv	96
72) 4-Ethyltoluene	15.854	105	3973156	9.416	ppbv	98
73) 1,3,5-Trimethylbenzene	16.011	105	3612245	9.529	ppbv	94
74) 1,2,4-Trimethylbenzene	16.777	105	3751778	9.363	ppbv	98
75) 1,3-Dichlorobenzene	17.011	146	2150759	9.244	ppbv	99
76) 1,4-Dichlorobenzene	17.150	146	2135659	9.318	ppbv	98
77) 1,2-Dichlorobenzene	17.828	146	2099294	9.153	ppbv	99
78) Hexachloro-1,3-Butadiene	23.387	225	1524186	8.411	ppbv	99
79) Naphthalene	22.207	128	2958938	9.871	ppbv	99
80) Naphthalene,2-methyl-	24.979	142	593033	8.028	ppbv	93
81) 1,2,4-Trichlorobenzene	21.937	180	1635508	9.323	ppbv	98

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.681 min Scan# 90
Delta R.T. 0.016 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

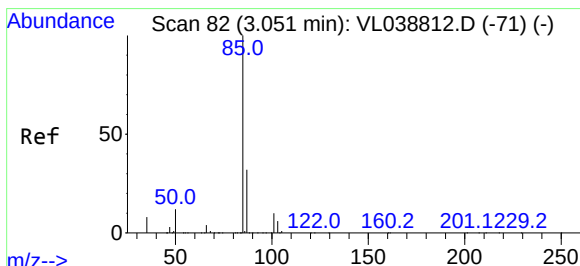
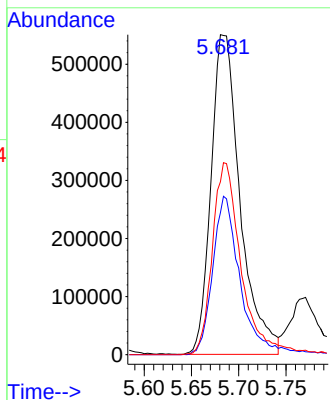
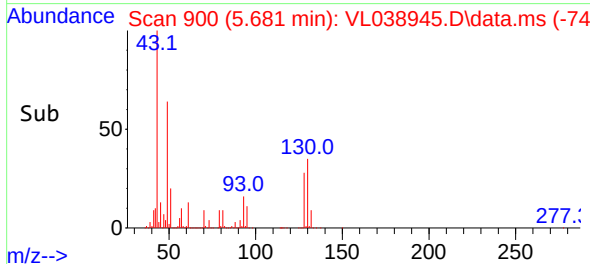
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



Tgt Ion: 49 Resp: 1178929
Ion Ratio Lower Upper
49 100
128 47.4 24.1 72.3
130 59.7 30.9 92.8

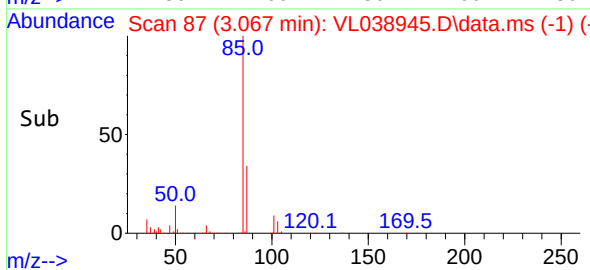
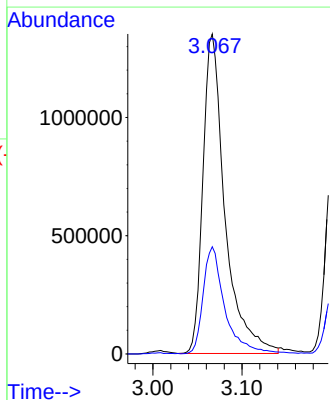
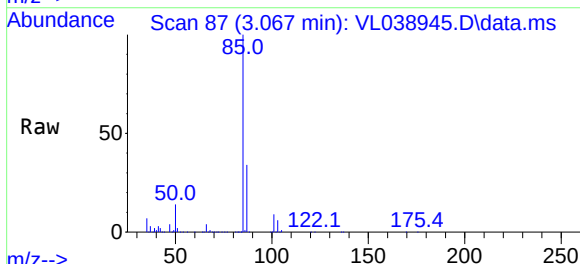
Manual Integrations
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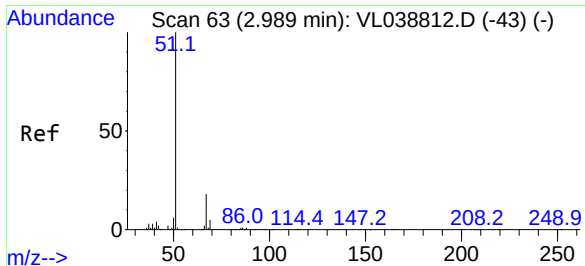
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#2
Dichlorodifluoromethane
Concen: 13.842 ppbv
RT: 3.067 min Scan# 87
Delta R.T. 0.016 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

Tgt Ion: 85 Resp: 2314632
Ion Ratio Lower Upper
85 100
87 33.4 25.9 38.9





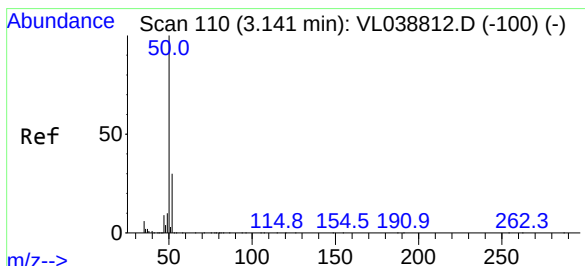
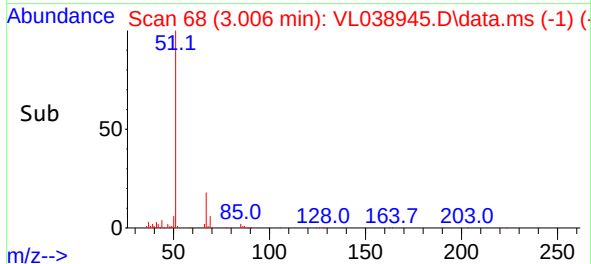
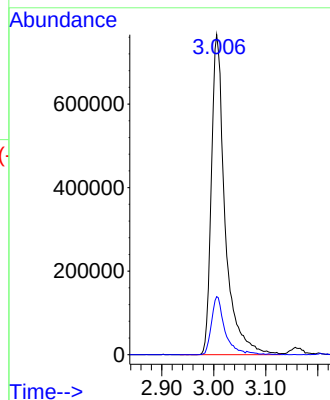
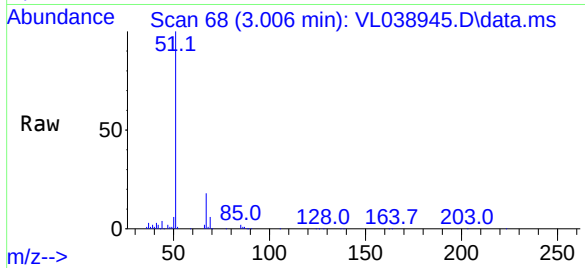
#3
Chlorodifluoromethane
Concen: 9.767 ppbv
RT: 3.006 min Scan# 61
Delta R.T. 0.016 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01

Tgt Ion: 51 Resp: 140522
Ion Ratio Lower Upper
51 100
67 18.1 13.4 20.0

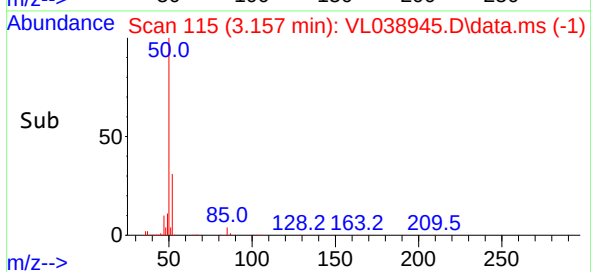
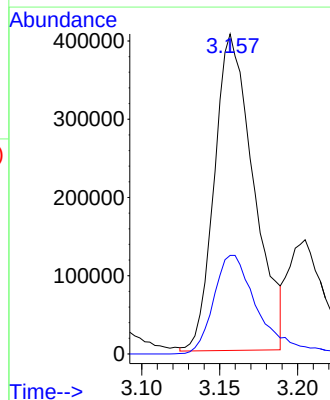
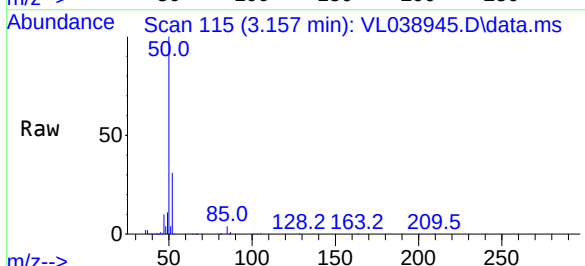
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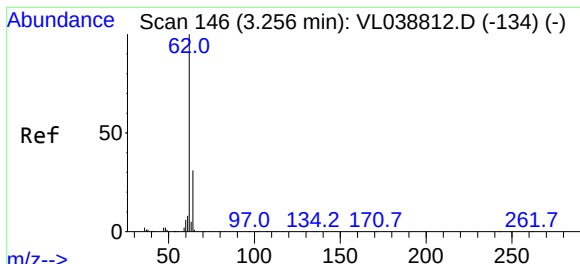
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#4
Chloromethane
Concen: 9.525 ppbv
RT: 3.157 min Scan# 115
Delta R.T. 0.016 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

Tgt Ion: 50 Resp: 709615
Ion Ratio Lower Upper
50 100
52 31.3 24.3 36.5





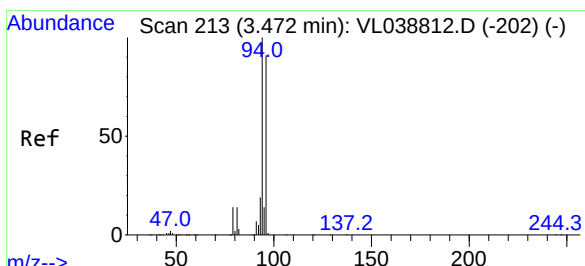
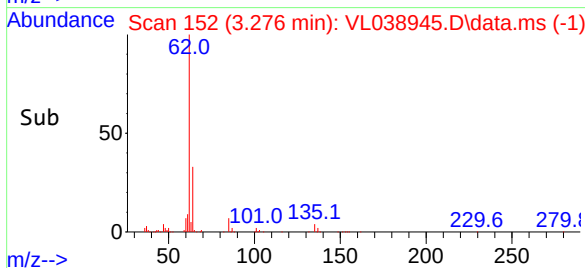
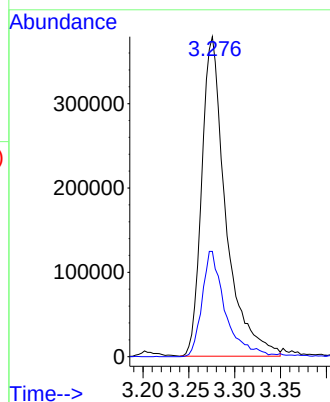
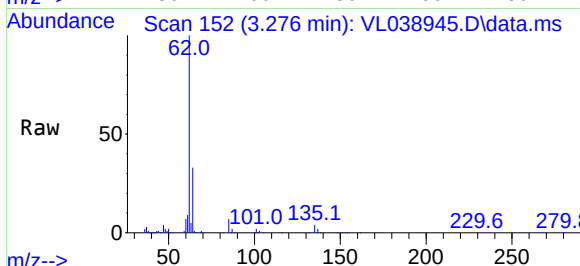
#5
 Vinyl Chloride
 Concen: 10.037 ppbv
 RT: 3.276 min Scan# 11
 Delta R.T. 0.019 min
 Lab File: VL038945.D
 Acq: 19 Apr 2022 11:58

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0419ABS01

Tgt Ion: 62 Resp: 69097
 Ion Ratio Lower Upper
 62 100
 64 32.9 24.6 37.0

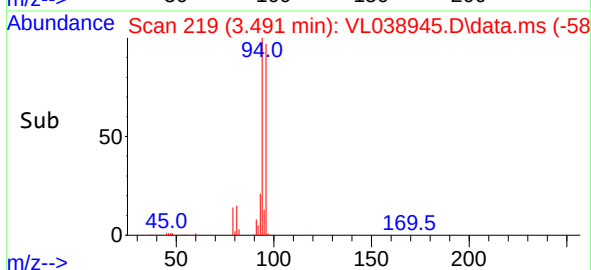
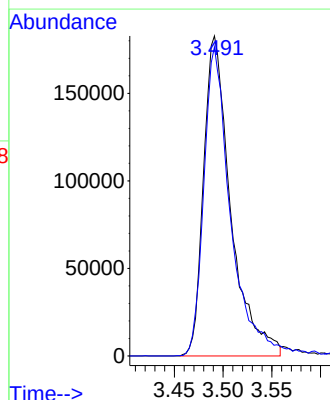
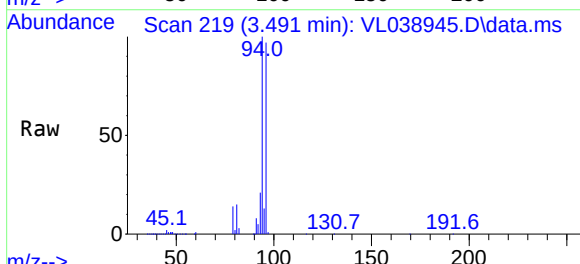
Manual Integrations
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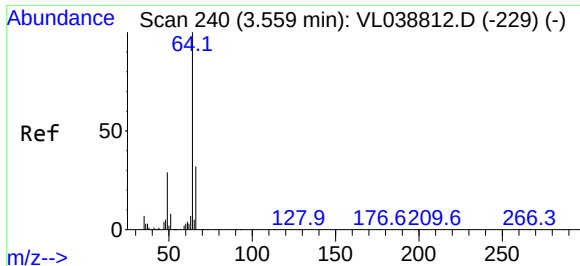
Reviewed By :Semsettin Yesilyurt 04/20/2022
 Supervised By :Mahesh Dadoda 04/20/2022



#6
 Bromomethane
 Concen: 10.638 ppbv
 RT: 3.491 min Scan# 219
 Delta R.T. 0.019 min
 Lab File: VL038945.D
 Acq: 19 Apr 2022 11:58

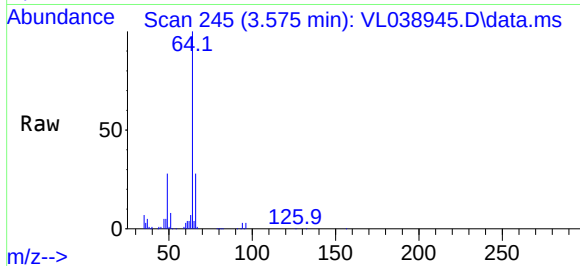
Tgt Ion: 94 Resp: 354322
 Ion Ratio Lower Upper
 94 100
 96 96.5 73.2 109.8





#7
Chloroethane
Concen: 10.520 ppbv
RT: 3.575 min Scan# 240
Delta R.T. 0.016 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

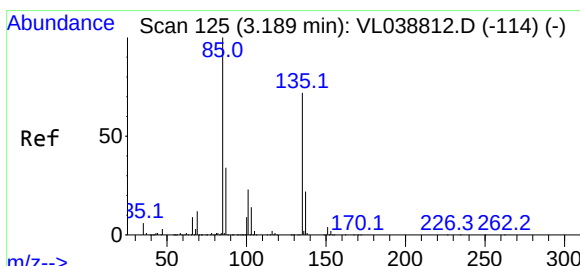
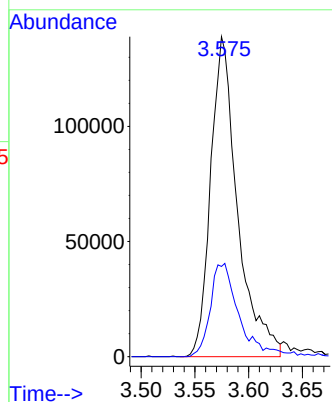
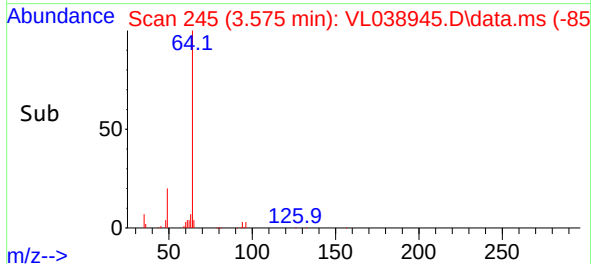
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



Tgt Ion: 64 Resp: 241499
Ion Ratio Lower Upper
64 100
66 28.2 25.4 38.2

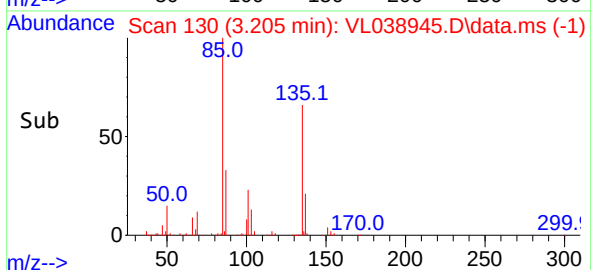
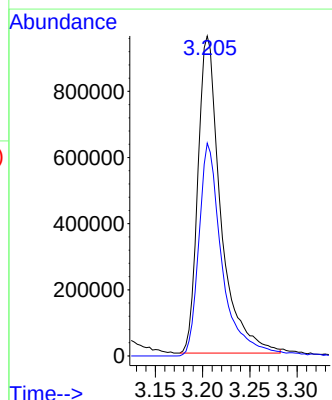
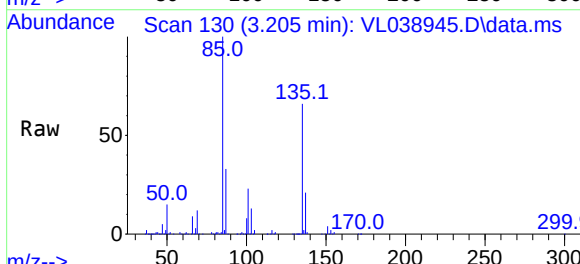
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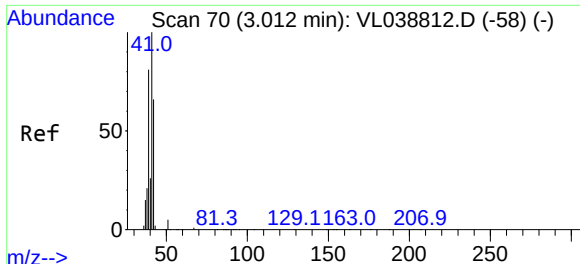
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#8
Dichlorotetrafluoroethane
Concen: 10.298 ppbv
RT: 3.205 min Scan# 130
Delta R.T. 0.016 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

Tgt Ion: 85 Resp: 1608622
Ion Ratio Lower Upper
85 100
135 69.7 57.0 85.6





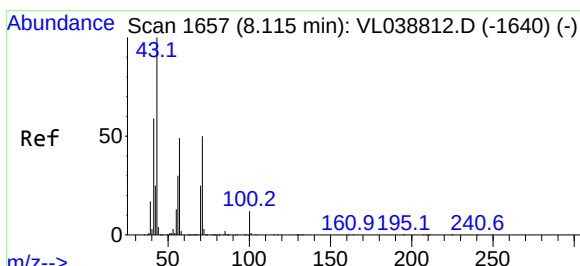
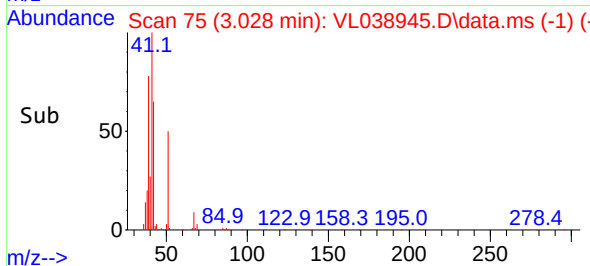
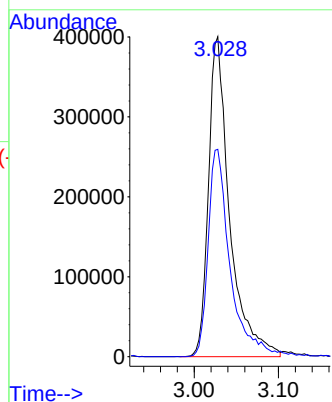
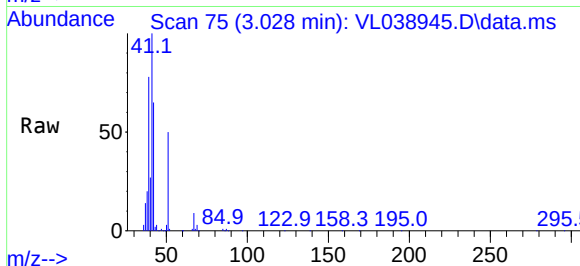
#9
Propene
Concen: 9.176 ppbv
RT: 3.028 min Scan# 70
Delta R.T. 0.016 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01

Tgt Ion: 41 Resp: 698544
Ion Ratio Lower Upper
41 100
42 67.9 54.2 81.4

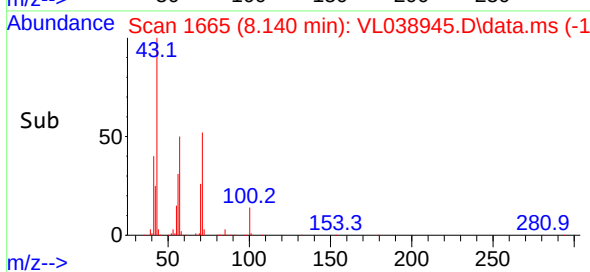
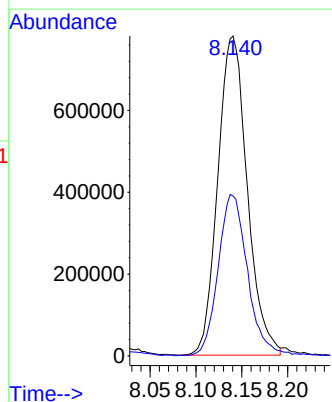
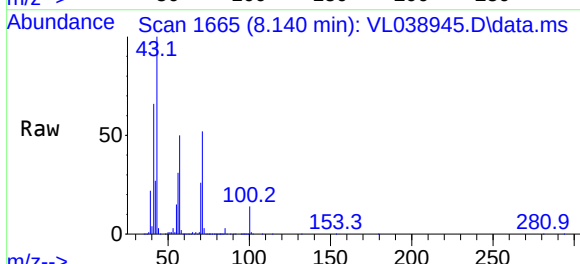
Manual Integrations
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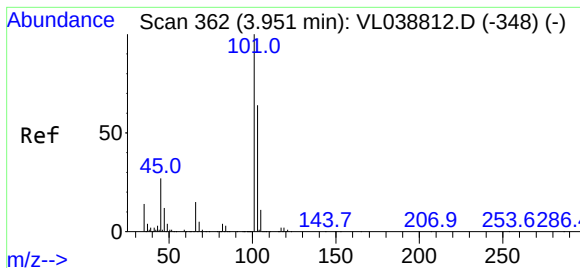
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#10
Heptane
Concen: 9.083 ppbv
RT: 8.140 min Scan# 1665
Delta R.T. 0.026 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

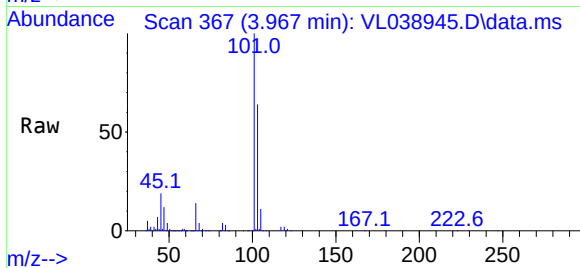
Tgt Ion: 43 Resp: 1741587
Ion Ratio Lower Upper
43 100
57 51.0 39.3 58.9





#11
Trichlorofluoromethane
Concen: 11.474 ppbv
RT: 3.967 min Scan# 30
Delta R.T. 0.016 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

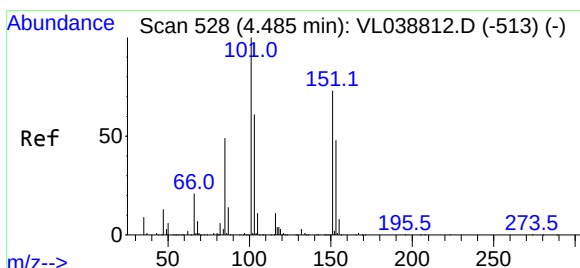
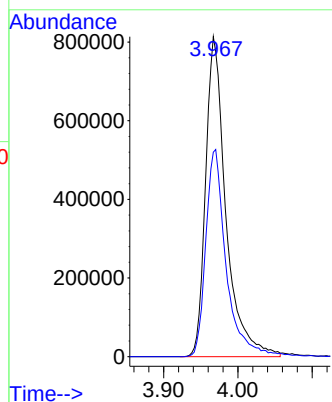
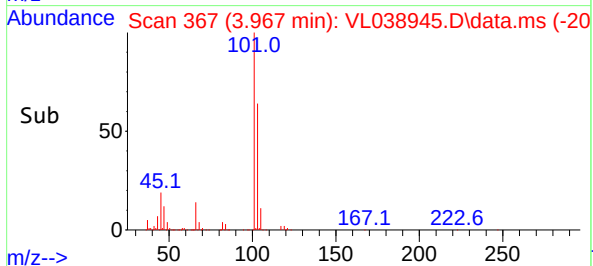
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



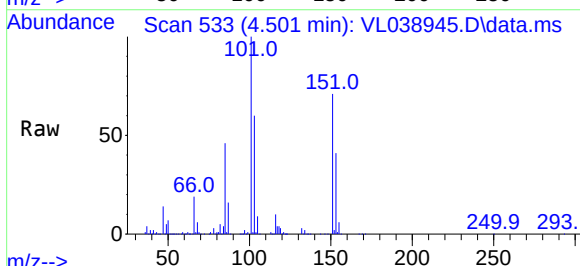
Tgt Ion:101 Resp: 154180
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.0

Manual Integrations
APPROVED

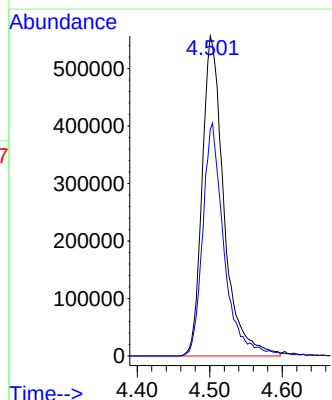
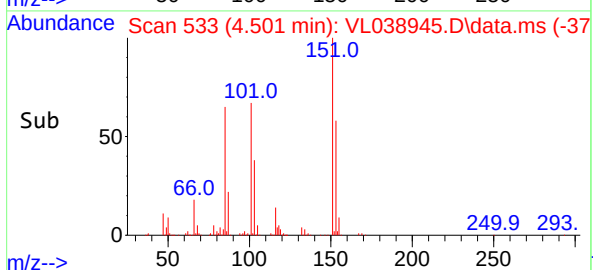
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

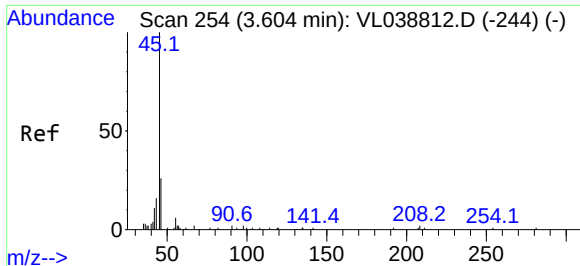


#12
1,1,2-Trichlorotrifluoroethane
Concen: 11.235 ppbv
RT: 4.501 min Scan# 533
Delta R.T. 0.016 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58



Tgt Ion:101 Resp: 1156396
Ion Ratio Lower Upper
101 100
151 71.9 59.9 89.9





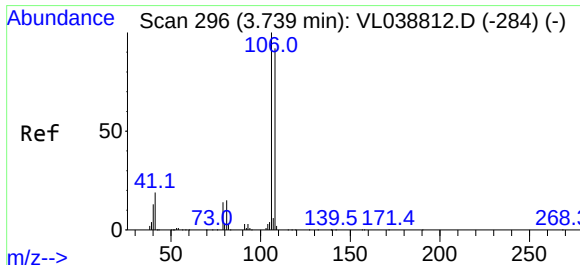
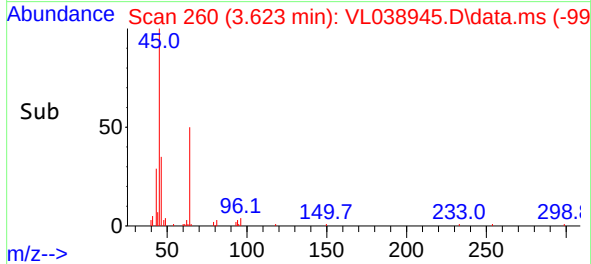
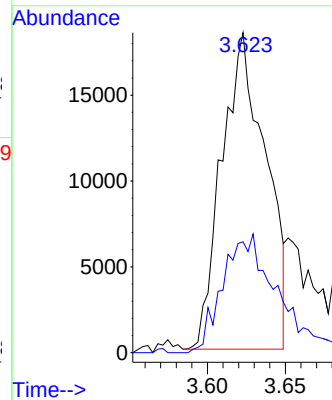
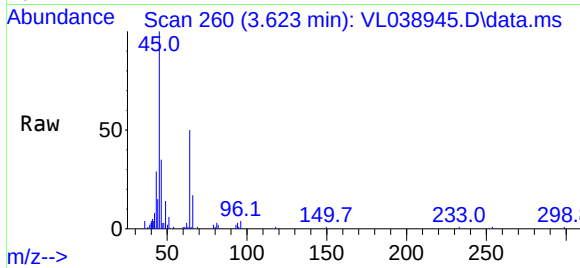
#13
Ethanol
Concen: 7.817 ppbv
RT: 3.623 min Scan# 20
Delta R.T. 0.019 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01

Tgt Ion: 45 Resp: 36160
Ion Ratio Lower Upper
45 100
46 46.1 0.0 0.0

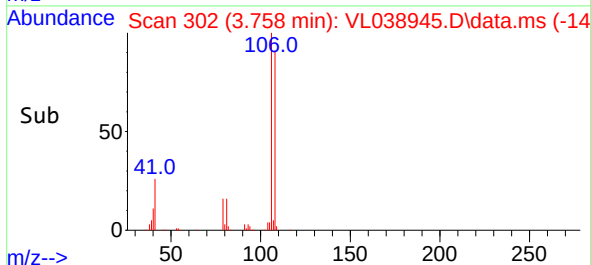
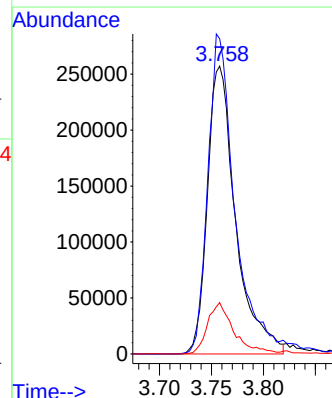
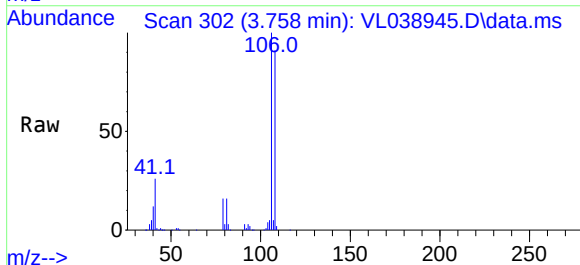
Manual Integrations
APPROVED

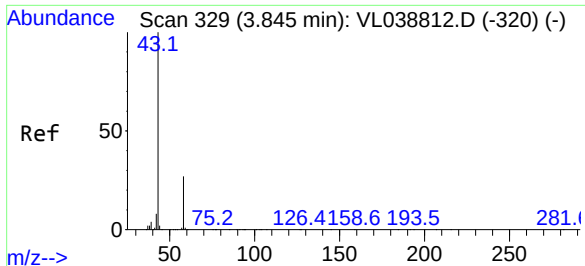
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#14
Bromoethene
Concen: 10.736 ppbv
RT: 3.758 min Scan# 302
Delta R.T. 0.019 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

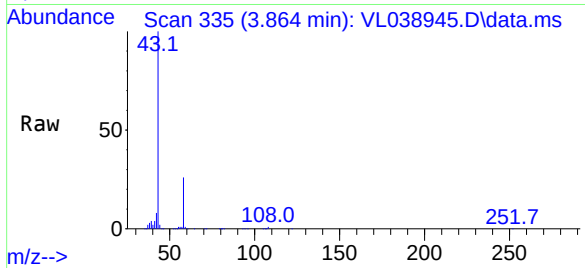
Tgt Ion:108 Resp: 485987
Ion Ratio Lower Upper
108 100
106 110.4 91.5 137.3
79 17.4 13.7 20.5





#15
Acetone
Concen: 9.580 ppbv
RT: 3.864 min Scan# 31
Delta R.T. 0.019 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

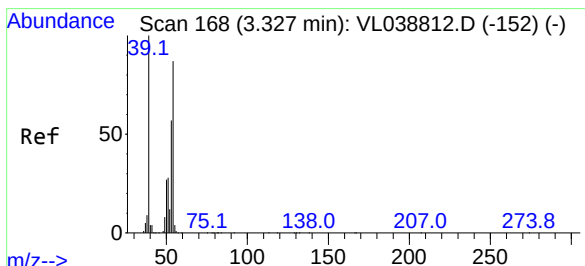
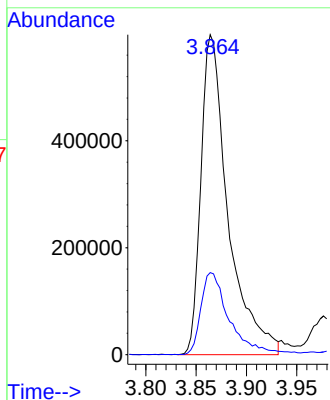
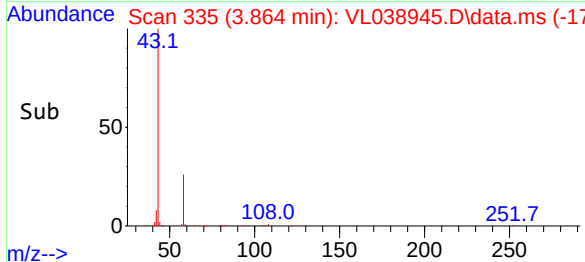
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



Tgt Ion: 43 Resp: 112444
Ion Ratio Lower Upper
43 100
58 27.0 22.5 33.7

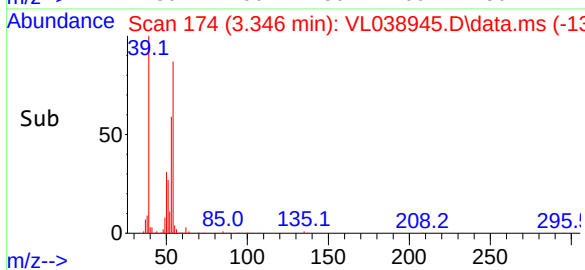
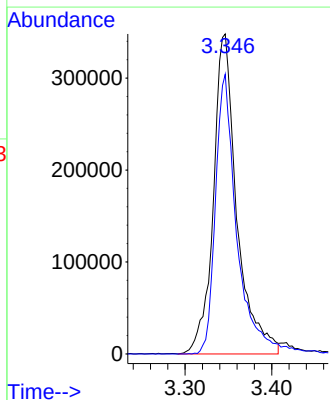
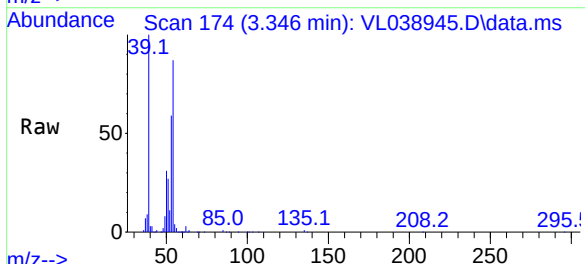
Manual Integrations
APPROVED

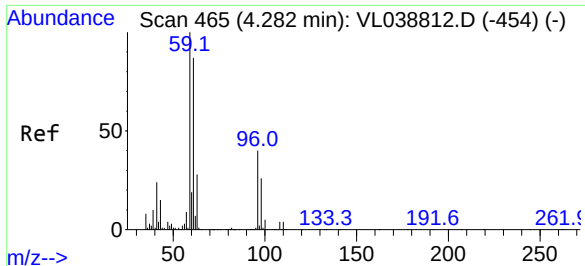
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#16
1,3-Butadiene
Concen: 9.822 ppbv
RT: 3.346 min Scan# 174
Delta R.T. 0.019 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

Tgt Ion: 39 Resp: 659085
Ion Ratio Lower Upper
39 100
54 80.6 64.8 97.2





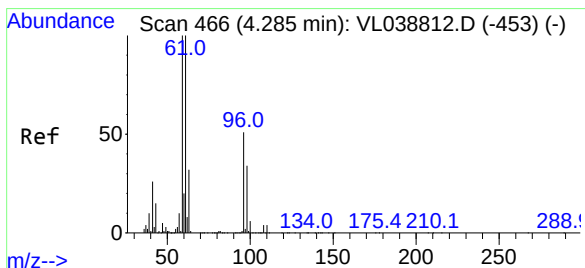
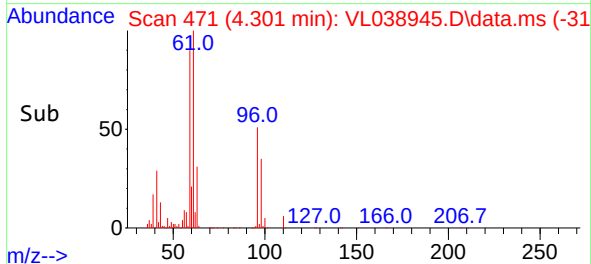
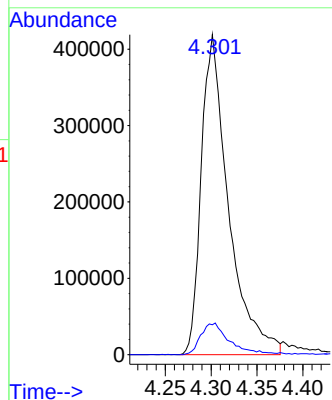
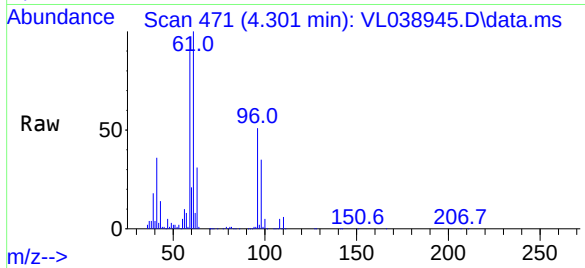
#17
tert-Butyl alcohol
Concen: 8.226 ppbv
RT: 4.301 min Scan# 41
Delta R.T. 0.019 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01

Tgt Ion: 59 Resp: 86577
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

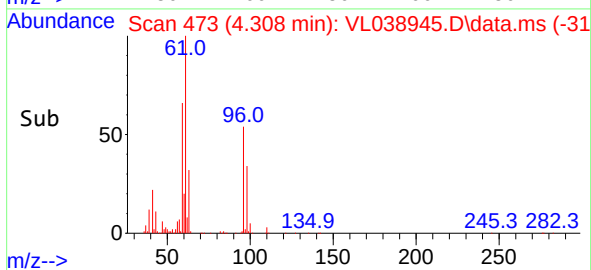
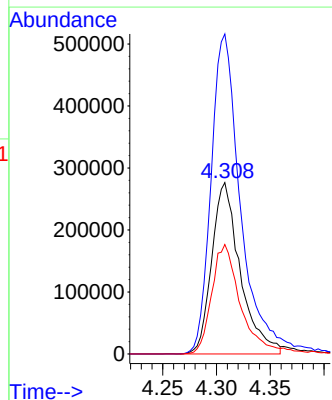
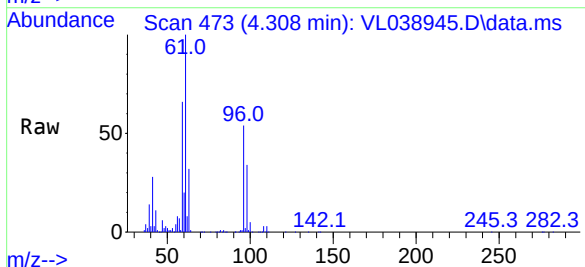
Manual Integrations
APPROVED

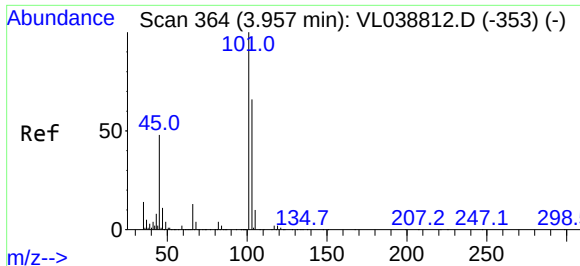
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#18
1,1-Dichloroethene
Concen: 10.873 ppbv
RT: 4.308 min Scan# 473
Delta R.T. 0.022 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

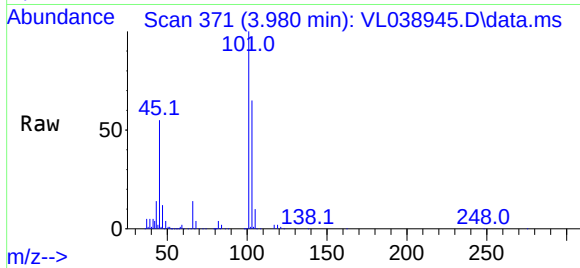
Tgt Ion: 96 Resp: 510147
Ion Ratio Lower Upper
96 100
61 186.6 156.1 234.1
98 63.8 53.0 79.6





#19
Isopropyl Alcohol
Concen: 9.830 ppbv
RT: 3.980 min Scan# 31
Delta R.T. 0.022 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

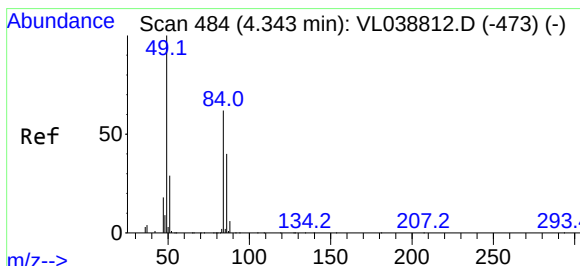
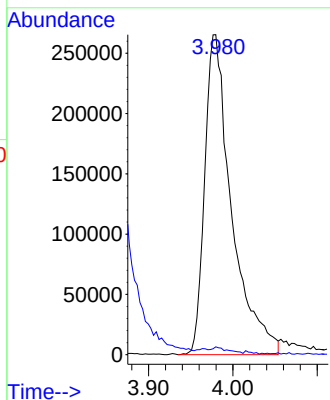
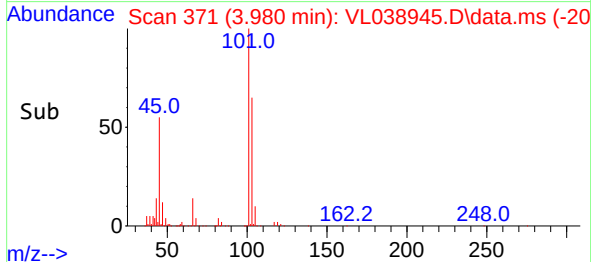
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



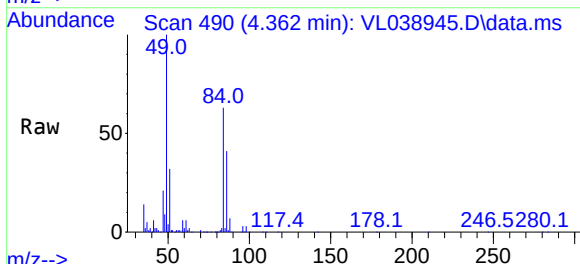
Tgt Ion: 45 Resp: 589710
Ion Ratio Lower Upper
45 100
58 2.6 0.0 0.0

Manual Integrations
APPROVED

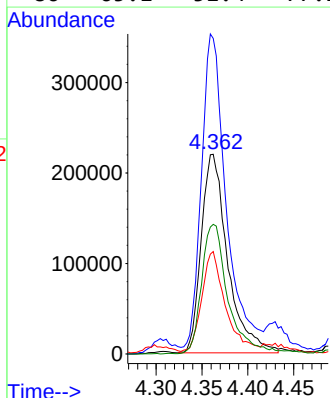
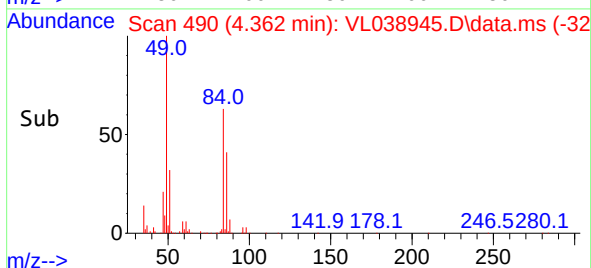
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

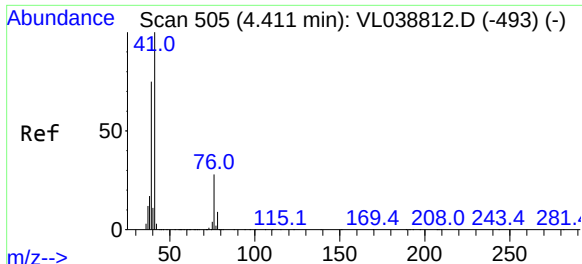


#20
Methylene Chloride
Concen: 10.367 ppbv
RT: 4.362 min Scan# 490
Delta R.T. 0.019 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58



Tgt Ion: 84 Resp: 441311
Ion Ratio Lower Upper
84 100
49 155.1 129.4 194.0
51 50.0 37.4 56.2
86 65.1 51.4 77.2





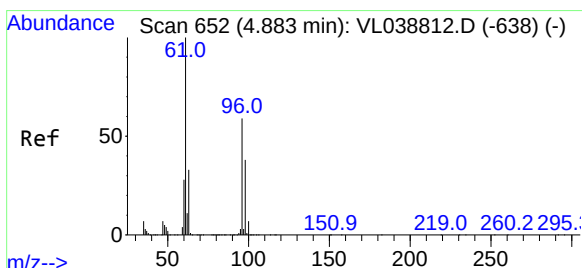
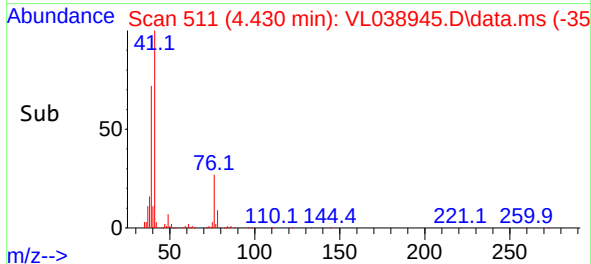
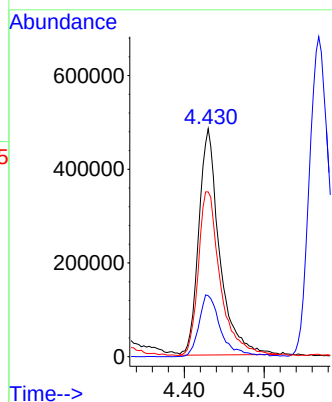
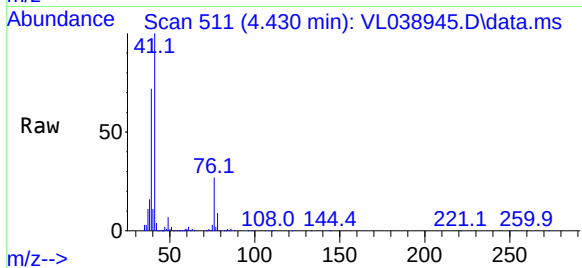
#21
 Allyl Chloride
 Concen: 9.944 ppbv
 RT: 4.430 min Scan# 511
 Delta R.T. 0.019 min
 Lab File: VL038945.D
 Acq: 19 Apr 2022 11:58

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0419ABS01

Tgt Ion: 41 Resp: 87390
 Ion Ratio Lower Upper
 41 100
 76 28.9 23.7 35.5
 39 77.1 62.0 93.0

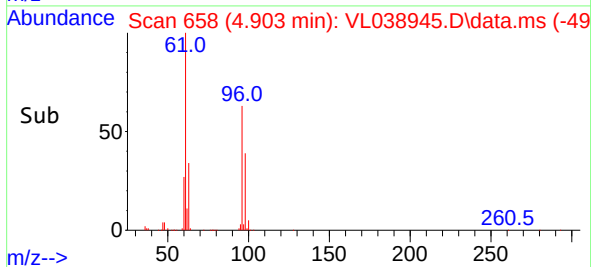
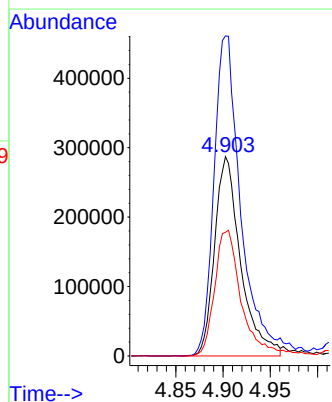
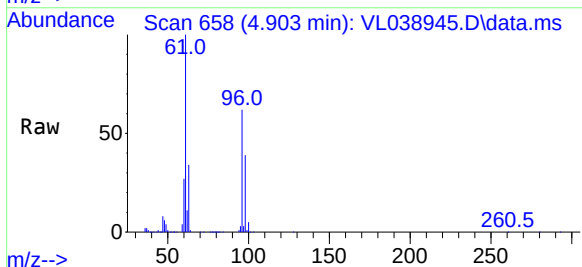
Manual Integrations
 APPROVED

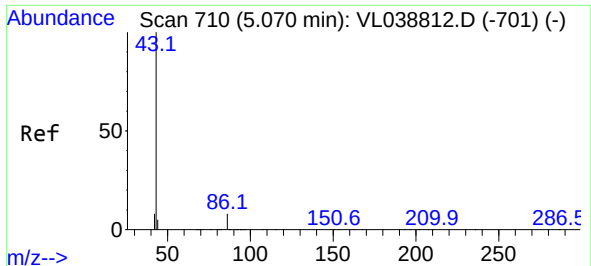
Reviewed By :Semsettin Yesilyurt 04/20/2022
 Supervised By :Mahesh Dadoda 04/20/2022



#22
 trans-1,2-Dichloroethene
 Concen: 11.563 ppbv
 RT: 4.903 min Scan# 658
 Delta R.T. 0.019 min
 Lab File: VL038945.D
 Acq: 19 Apr 2022 11:58

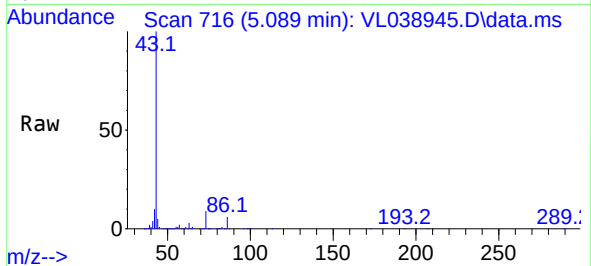
Tgt Ion: 96 Resp: 549302
 Ion Ratio Lower Upper
 96 100
 61 160.6 134.8 202.2
 98 62.1 51.9 77.9





#23
 Vinyl Acetate
 Concen: 10.580 ppbv
 RT: 5.089 min Scan# 710
 Delta R.T. 0.019 min
 Lab File: VL038945.D
 Acq: 19 Apr 2022 11:58

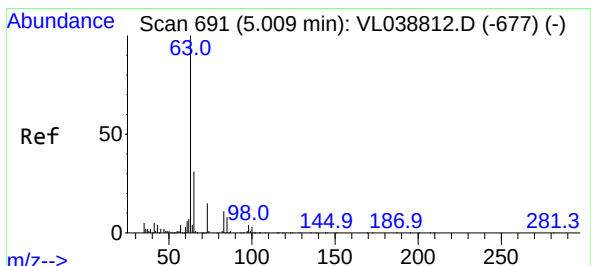
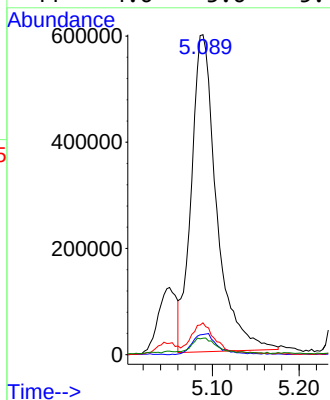
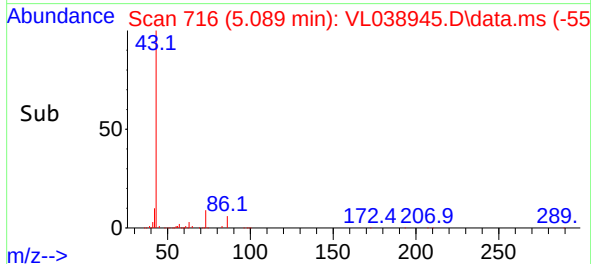
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0419ABS01



Tgt Ion: 43 Resp: 1209340
 Ion Ratio Lower Upper
 43 100
 86 6.3 5.8 8.6
 42 9.7 7.8 11.6
 44 4.6 3.6 5.4

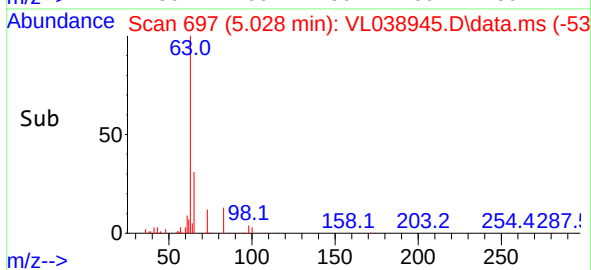
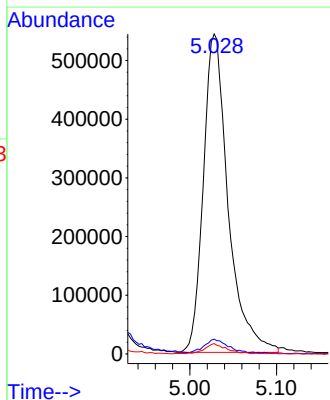
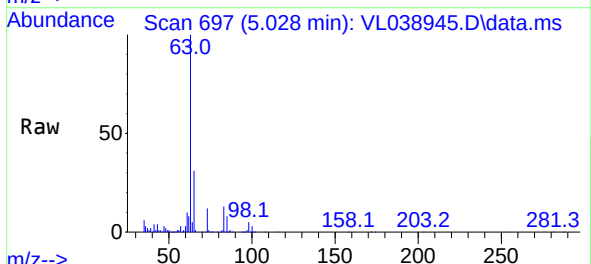
Manual Integrations
 APPROVED

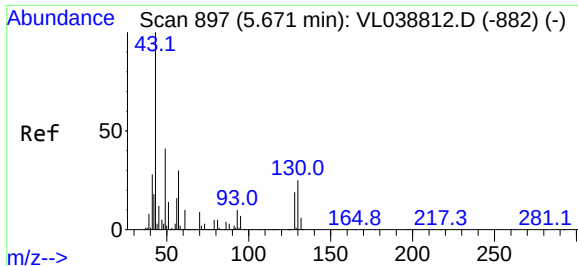
Reviewed By :Semsettin Yesilyurt 04/20/2022
 Supervised By :Mahesh Dadoda 04/20/2022



#24
 1,1-Dichloroethane
 Concen: 10.438 ppbv
 RT: 5.028 min Scan# 697
 Delta R.T. 0.019 min
 Lab File: VL038945.D
 Acq: 19 Apr 2022 11:58

Tgt Ion: 63 Resp: 1078143
 Ion Ratio Lower Upper
 63 100
 98 4.3 2.2 6.6
 100 3.2 1.4 4.0





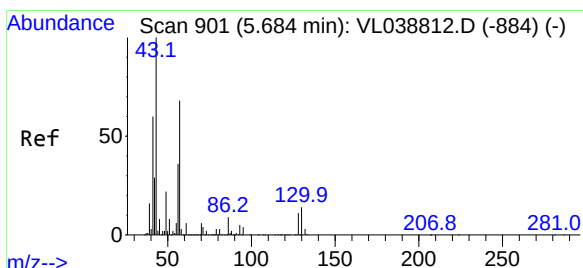
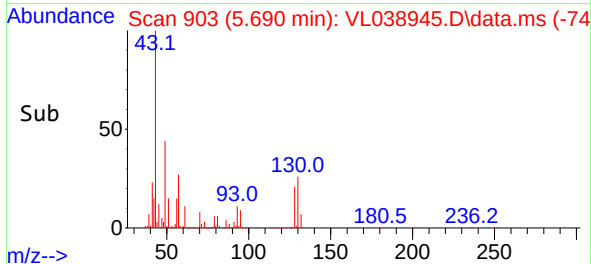
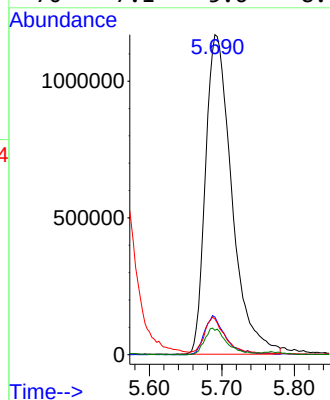
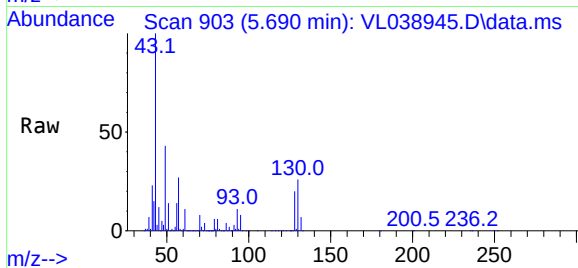
#25
Ethyl Acetate
Concen: 9.884 ppbv
RT: 5.690 min Scan# 903
Delta R.T. 0.019 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01

Tgt Ion: 43 Resp: 2943550
Ion Ratio Lower Upper
43 100
45 10.0 8.4 12.6
61 9.7 7.9 11.9
70 7.1 5.6 8.4

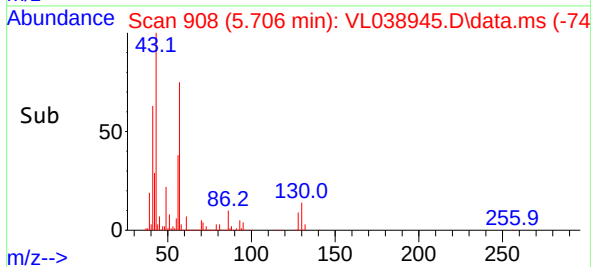
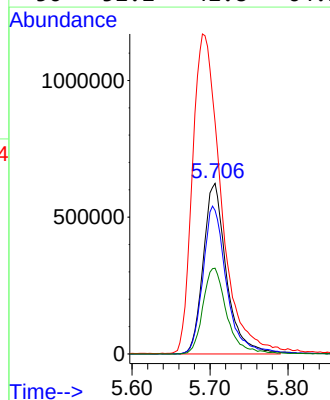
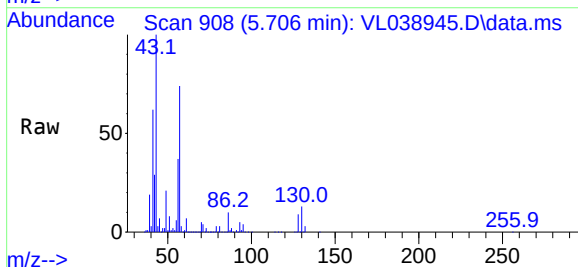
Manual Integrations
APPROVED

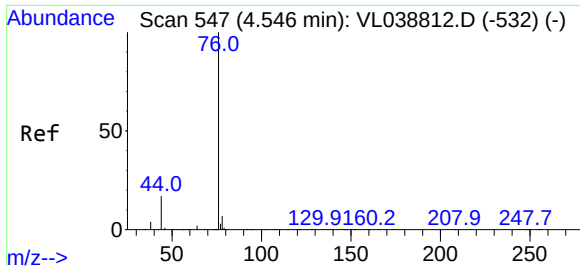
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#26
Hexane
Concen: 9.517 ppbv
RT: 5.706 min Scan# 908
Delta R.T. 0.022 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

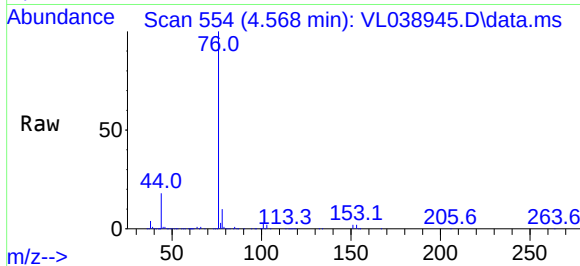
Tgt Ion: 57 Resp: 1290133
Ion Ratio Lower Upper
57 100
41 88.9 72.0 108.0
43 233.1 186.6 280.0
56 52.2 42.8 64.2





#27
Carbon Disulfide
Concen: 10.860 ppbv
RT: 4.568 min Scan# 51
Delta R.T. 0.022 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

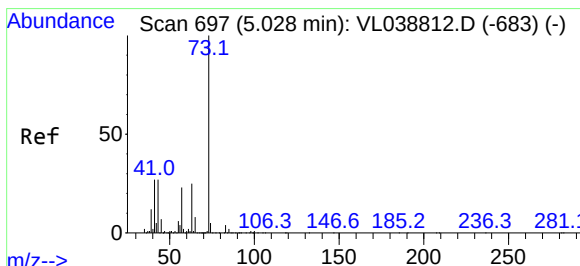
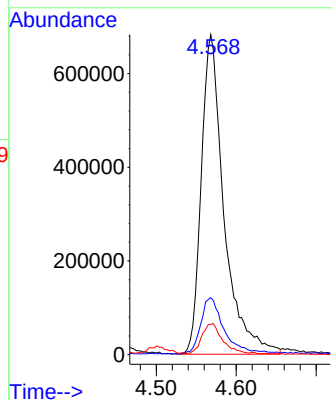
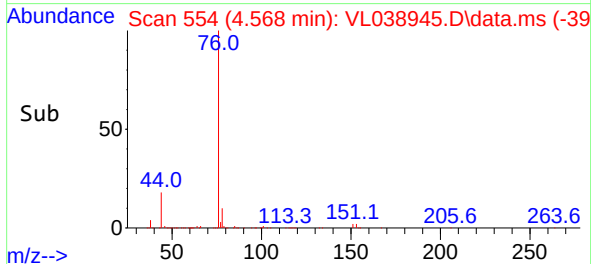
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



Tgt Ion: 76 Resp: 1350099
Ion Ratio Lower Upper
76 100
44 18.5 15.7 23.5
78 9.7 7.8 11.8

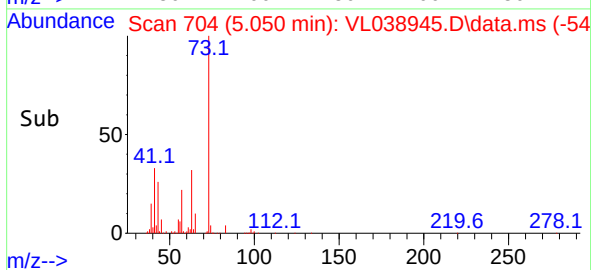
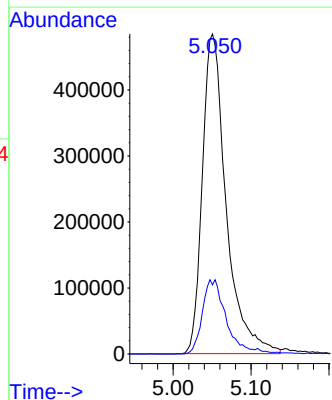
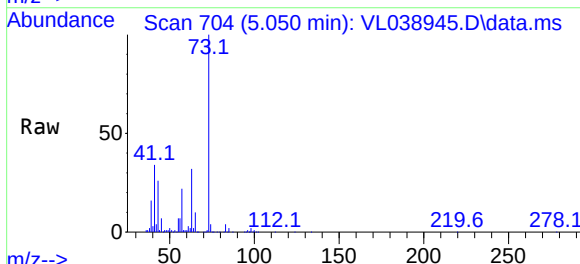
Manual Integrations
APPROVED

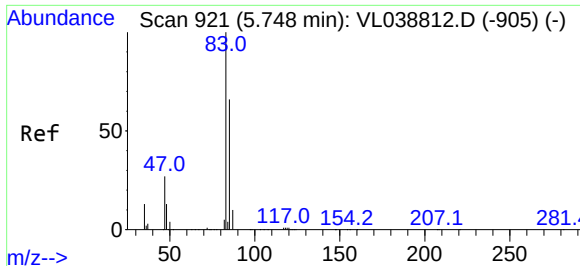
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#28
Methyl tert-Butyl Ether
Concen: 9.827 ppbv
RT: 5.050 min Scan# 704
Delta R.T. 0.022 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

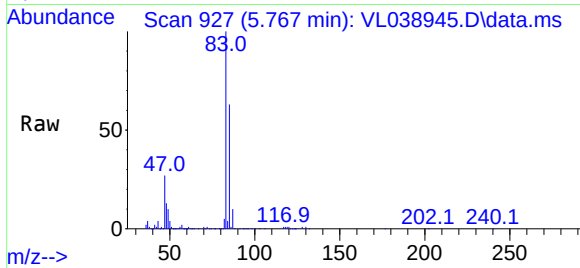
Tgt Ion: 73 Resp: 1028891
Ion Ratio Lower Upper
73 100
57 23.7 19.7 29.5





#29
Chloroform
Concen: 10.553 ppbv
RT: 5.767 min Scan# 91
Delta R.T. 0.019 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

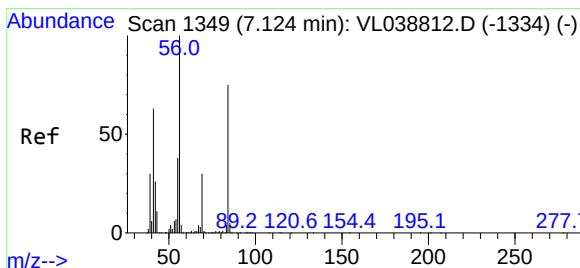
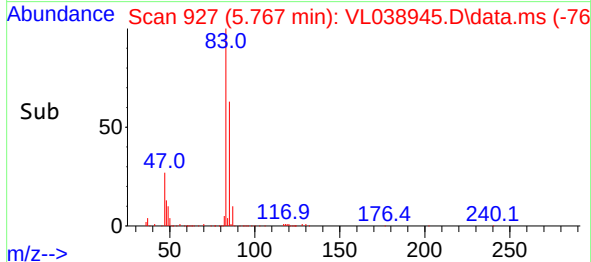
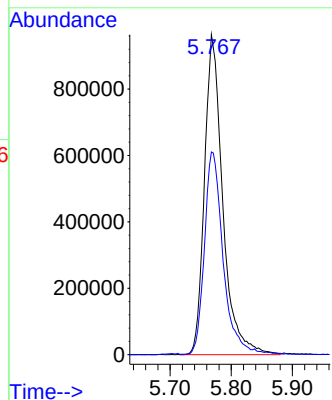
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



Tgt Ion: 83 Resp: 2001490
Ion Ratio Lower Upper
83 100
85 63.2 52.5 78.7

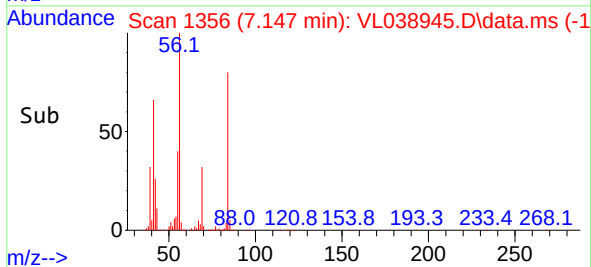
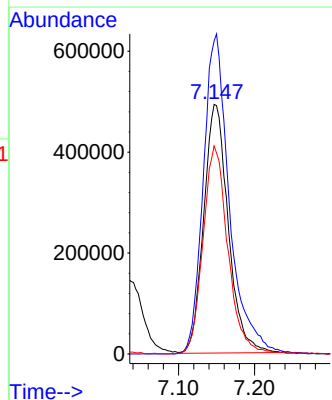
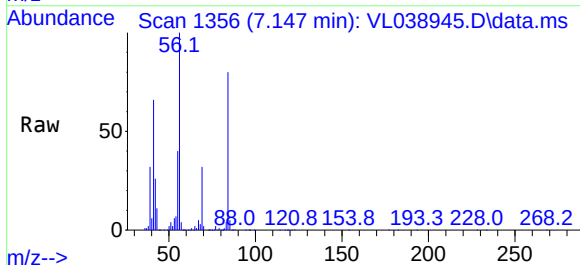
Manual Integrations
APPROVED

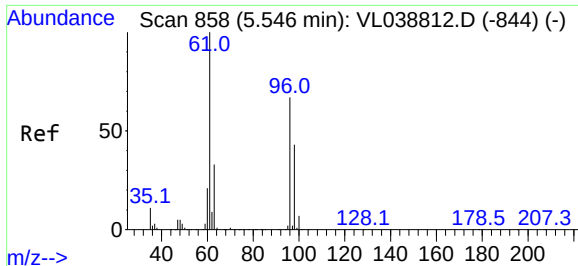
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#30
Cyclohexane
Concen: 9.265 ppbv
RT: 7.147 min Scan# 1356
Delta R.T. 0.022 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

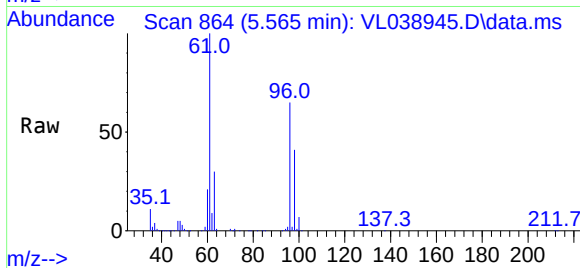
Tgt Ion: 84 Resp: 1106928
Ion Ratio Lower Upper
84 100
56 137.4 114.4 171.6
41 85.1 69.0 103.4





#31
 cis-1,2-Dichloroethene
 Concen: 10.377 ppbv
 RT: 5.565 min Scan# 80
 Delta R.T. 0.019 min
 Lab File: VL038945.D
 Acq: 19 Apr 2022 11:58

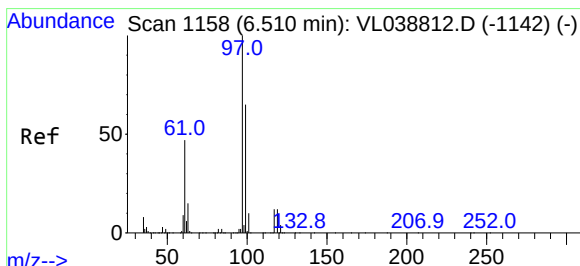
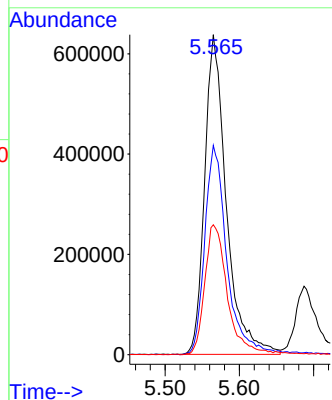
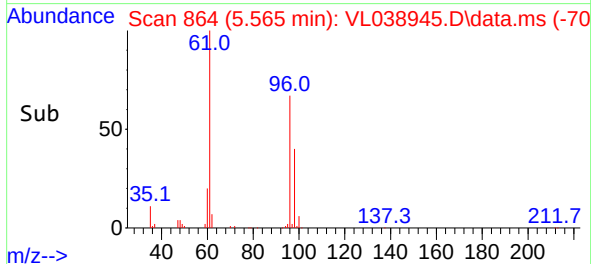
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0419ABS01



Tgt Ion: 61 Resp: 129346
 Ion Ratio Lower Upper
 61 100
 96 65.5 53.4 80.0
 98 40.6 34.2 51.4

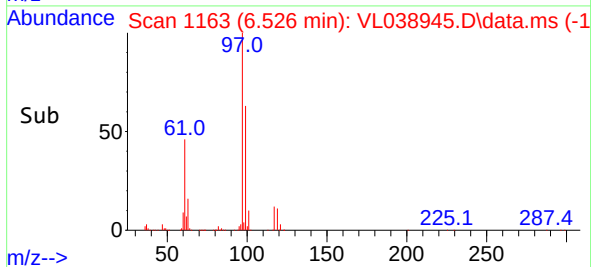
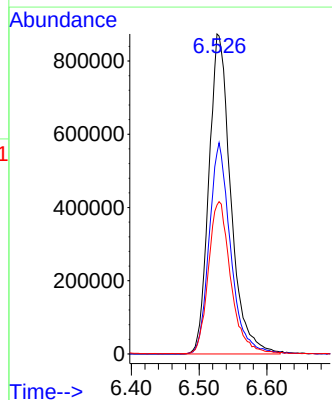
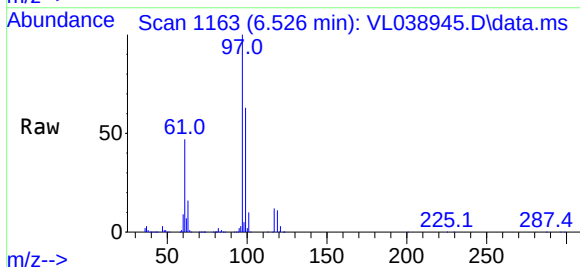
Manual Integrations
 APPROVED

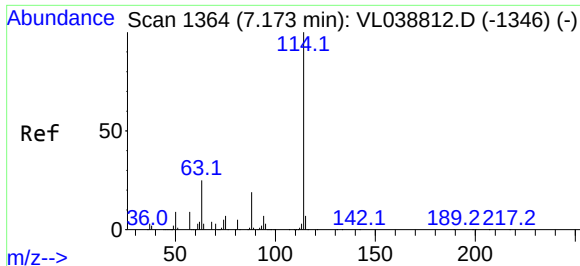
Reviewed By :Semsettin Yesilyurt 04/20/2022
 Supervised By :Mahesh Dadoda 04/20/2022



#32
 1,1,1-Trichloroethane
 Concen: 10.239 ppbv
 RT: 6.526 min Scan# 1163
 Delta R.T. 0.016 min
 Lab File: VL038945.D
 Acq: 19 Apr 2022 11:58

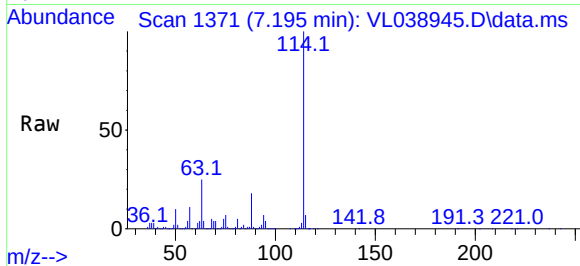
Tgt Ion: 97 Resp: 1956687
 Ion Ratio Lower Upper
 97 100
 99 64.8 52.4 78.6
 61 48.7 38.6 57.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.195 min Scan# 11
Delta R.T. 0.022 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

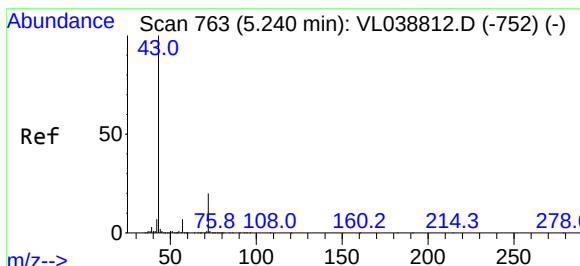
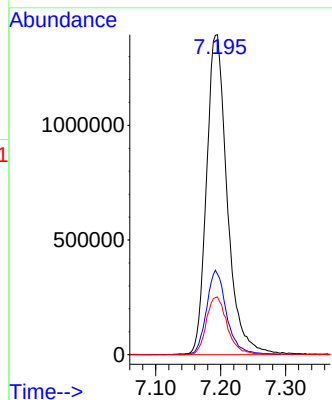
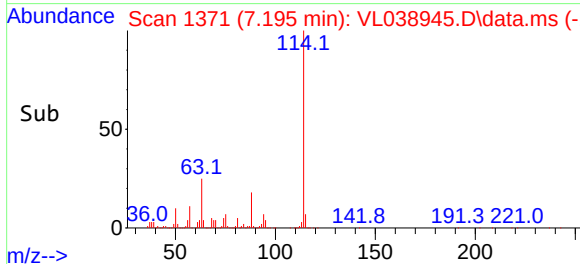
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



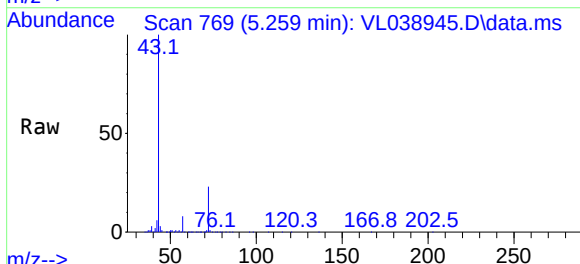
Tgt Ion:114 Resp: 3093840
Ion Ratio Lower Upper
114 100
63 25.9 19.8 29.8
88 18.4 14.2 21.4

Manual Integrations
APPROVED

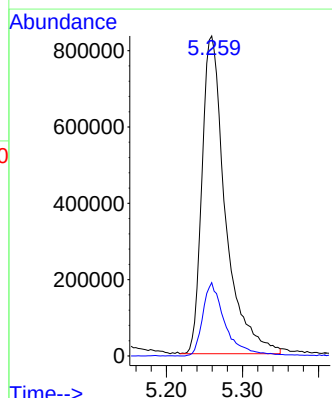
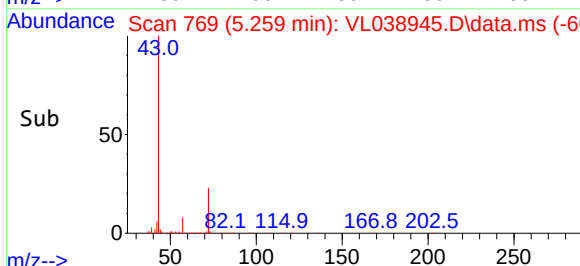
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

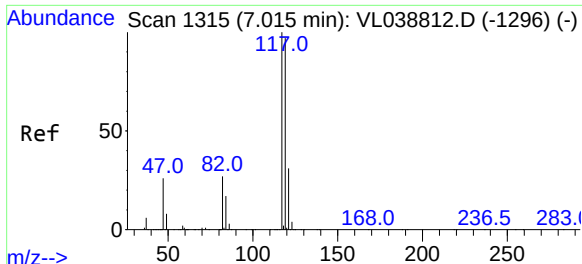


#34
2-Butanone
Concen: 14.583 ppbv
RT: 5.259 min Scan# 769
Delta R.T. 0.019 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58



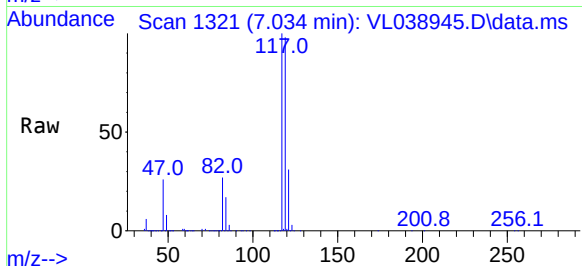
Tgt Ion: 43 Resp: 1782778
Ion Ratio Lower Upper
43 100
72 22.4 16.9 25.3





#35
Carbon Tetrachloride
Concen: 10.715 ppbv
RT: 7.034 min Scan# 11
Delta R.T. 0.019 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

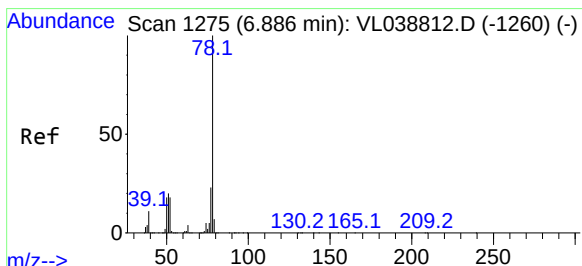
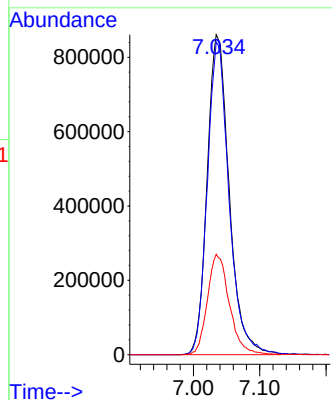
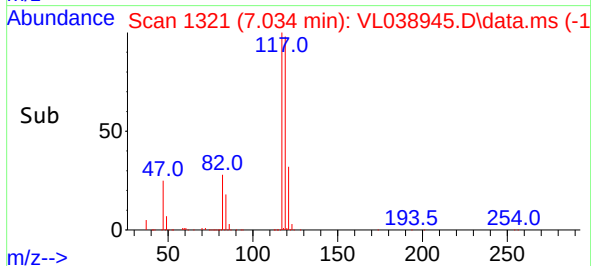
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



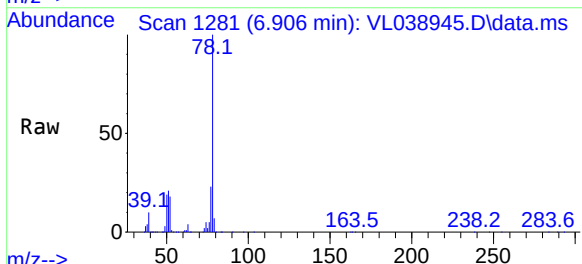
Tgt Ion:117 Resp: 198743
Ion Ratio Lower Upper
117 100
119 97.8 77.7 116.5
121 31.4 24.5 36.7

Manual Integrations
APPROVED

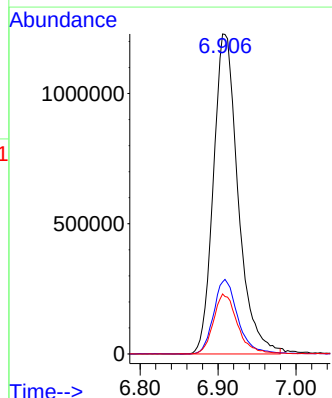
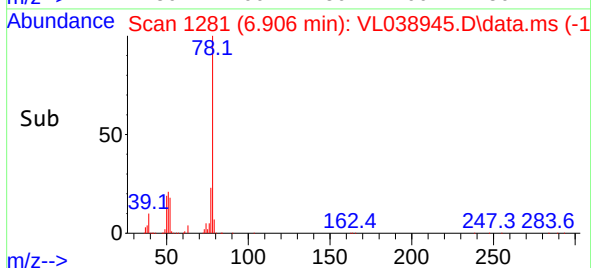
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

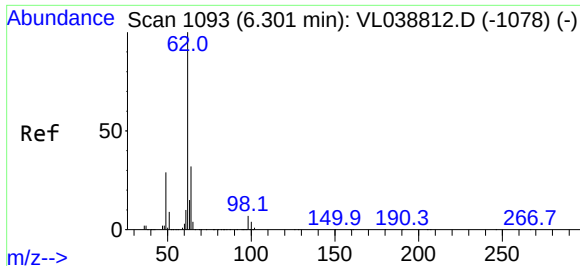


#36
Benzene
Concen: 9.629 ppbv
RT: 6.906 min Scan# 1281
Delta R.T. 0.019 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58



Tgt Ion: 78 Resp: 2710050
Ion Ratio Lower Upper
78 100
77 22.5 18.2 27.2
50 18.7 14.0 21.0





#37
1,2-Dichloroethane
Concen: 11.497 ppbv
RT: 6.324 min Scan# 1100
Delta R.T. 0.022 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

Instrument :

MSVOA_L

ClientSampleId :

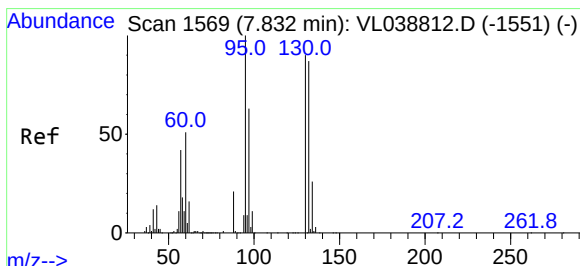
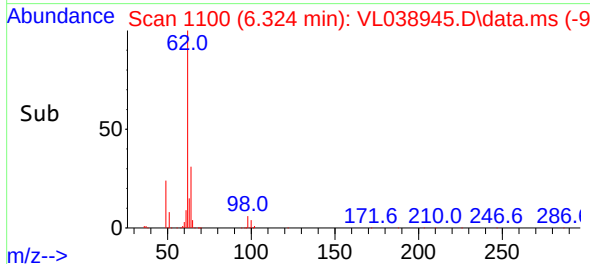
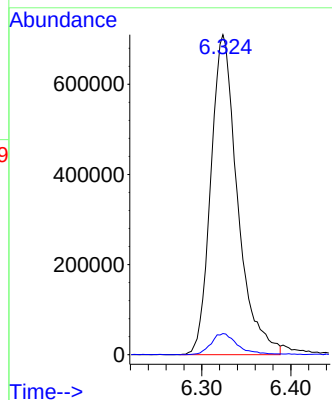
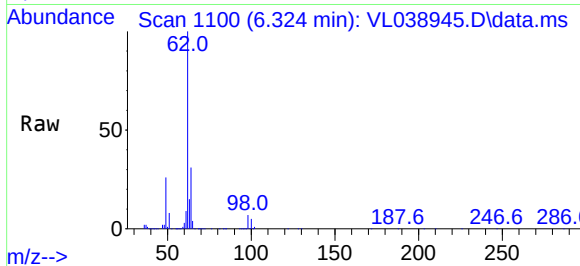
VL0419ABS01

Tgt Ion: 62 Resp: 147942
Ion Ratio Lower Upper
62 100
98 6.7 5.9 8.9

Manual Integrations

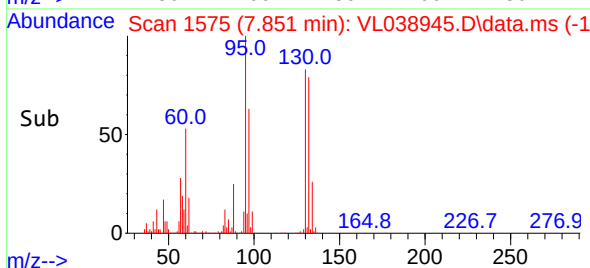
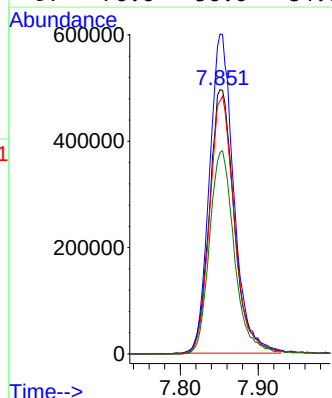
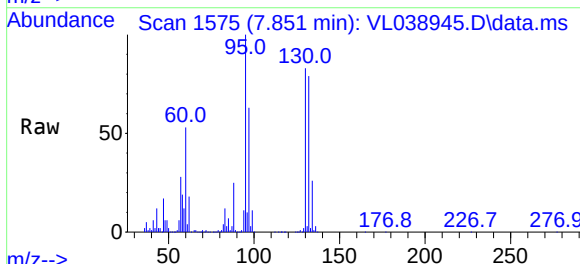
APPROVED

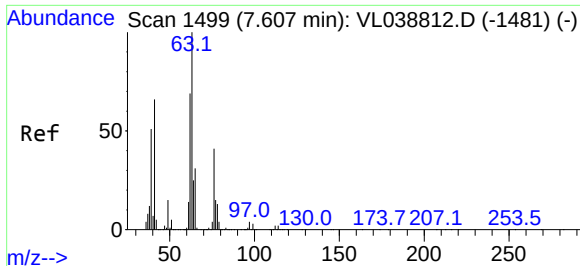
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#38
Trichloroethene
Concen: 9.499 ppbv
RT: 7.851 min Scan# 1575
Delta R.T. 0.019 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

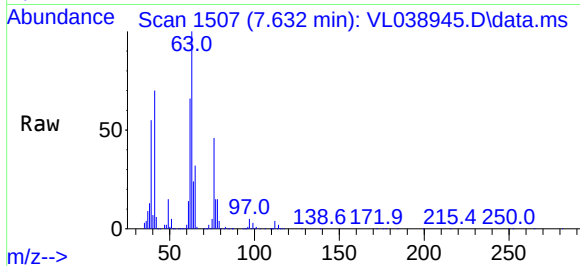
Tgt Ion:130 Resp: 1097009
Ion Ratio Lower Upper
130 100
95 121.4 89.4 134.0
132 96.0 77.7 116.5
97 76.6 56.0 84.0





#39
1,2-Dichloropropane
Concen: 9.780 ppbv
RT: 7.632 min Scan# 11
Delta R.T. 0.026 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

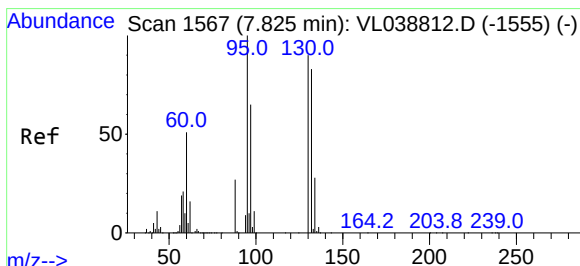
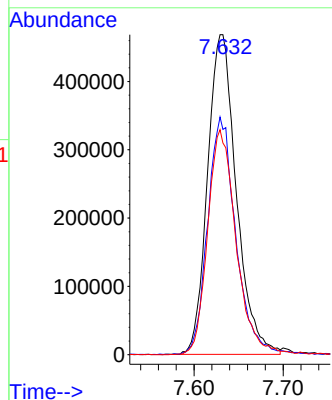
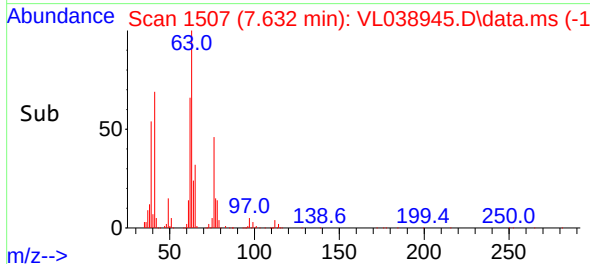
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



Tgt Ion: 63 Resp: 105286
Ion Ratio Lower Upper
63 100
41 70.3 53.0 79.6
62 66.0 55.0 82.4

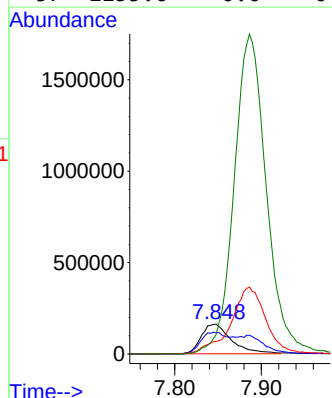
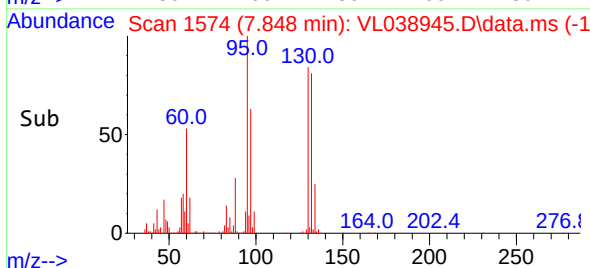
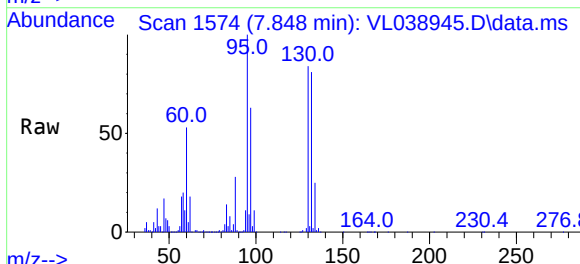
Manual Integrations
APPROVED

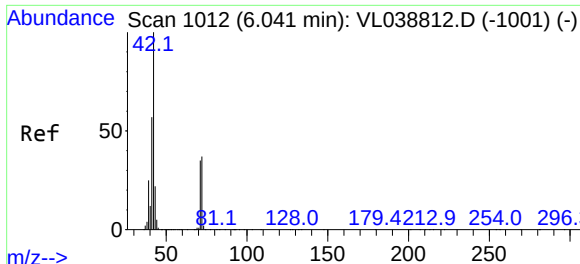
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#40
1,4-Dioxane
Concen: 10.751 ppbv
RT: 7.848 min Scan# 1574
Delta R.T. 0.022 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

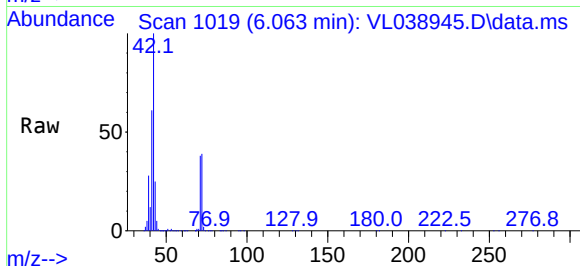
Tgt Ion: 88 Resp: 393023
Ion Ratio Lower Upper
88 100
58 127.6 49.4 74.0#
43 260.3 0.0 0.0#
57 1155.6 0.0 0.0#





#41
Tetrahydrofuran
Concen: 9.861 ppbv
RT: 6.063 min Scan# 1144950
Delta R.T. 0.022 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

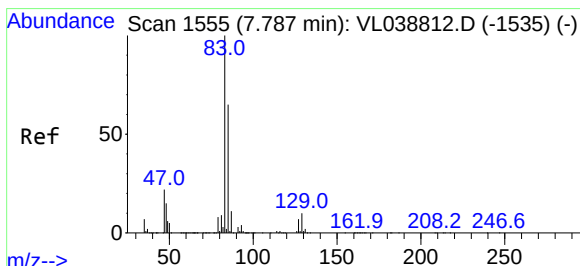
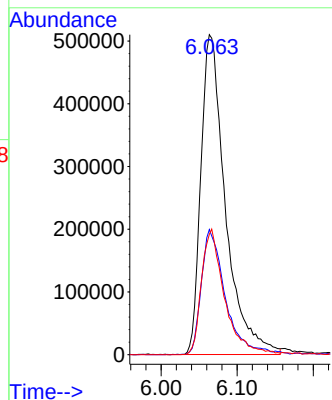
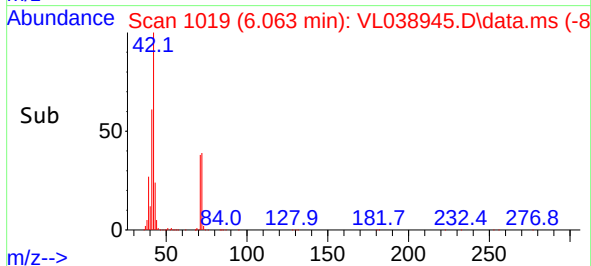
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



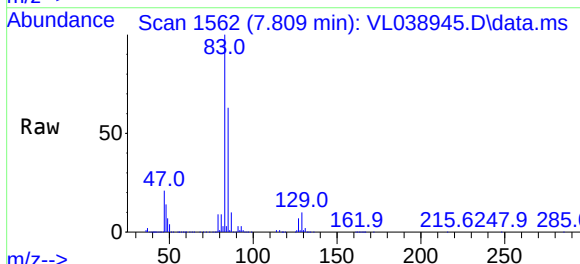
Tgt Ion: 42 Resp: 1144950
Ion Ratio Lower Upper
42 100
72 38.9 31.4 47.0
71 37.5 30.2 45.4

Manual Integrations
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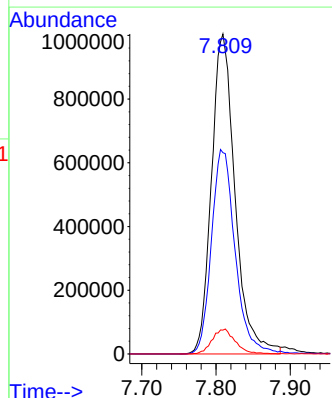
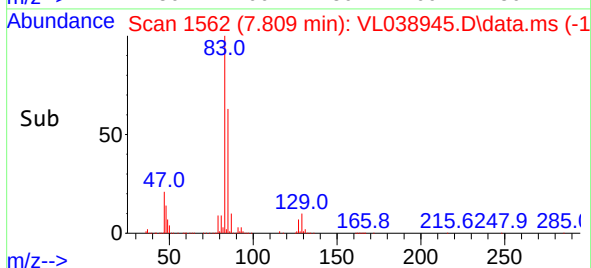
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

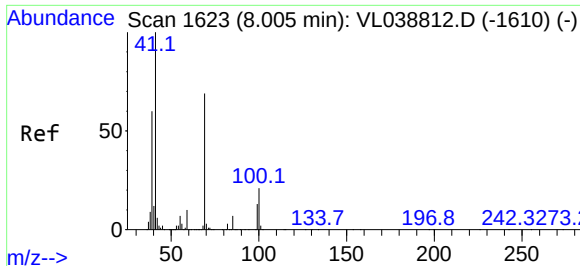


#42
Bromodichloromethane
Concen: 10.902 ppbv
RT: 7.809 min Scan# 1562
Delta R.T. 0.022 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58



Tgt Ion: 83 Resp: 2215361
Ion Ratio Lower Upper
83 100
85 62.9 51.7 77.5
127 7.5 5.9 8.9





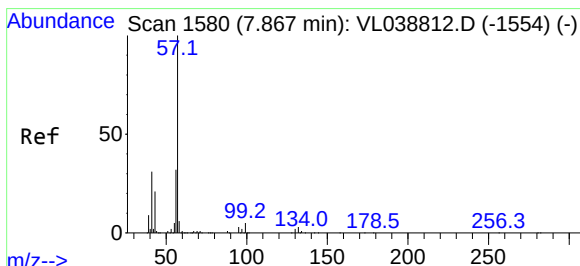
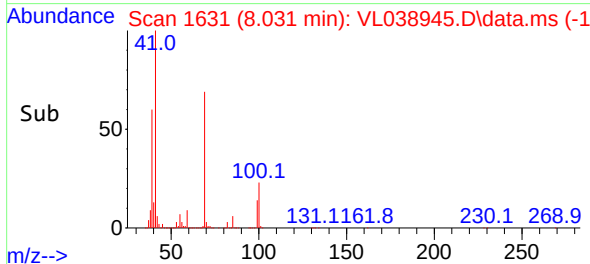
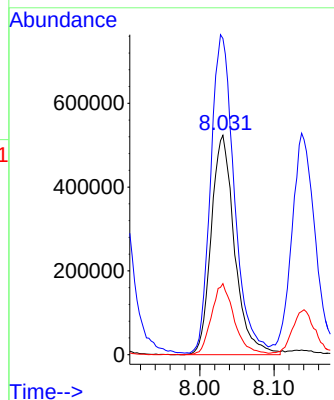
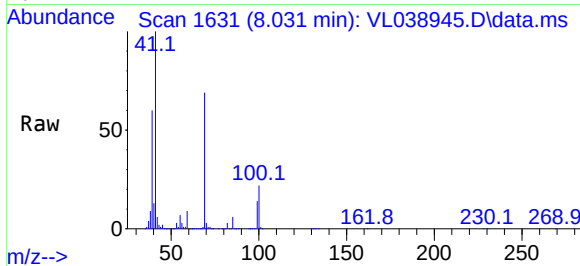
#43
Methyl Methacrylate
Concen: 10.603 ppbv
RT: 8.031 min Scan# 1
Delta R.T. 0.026 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01

Tgt Ion: 69 Resp: 1143020
Ion Ratio Lower Upper
69 100
41 147.2 119.0 178.4
100 31.5 26.4 39.6

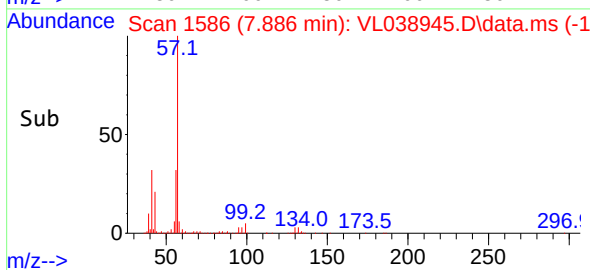
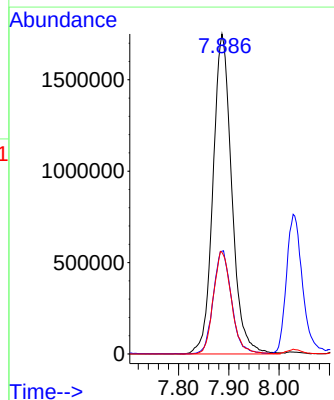
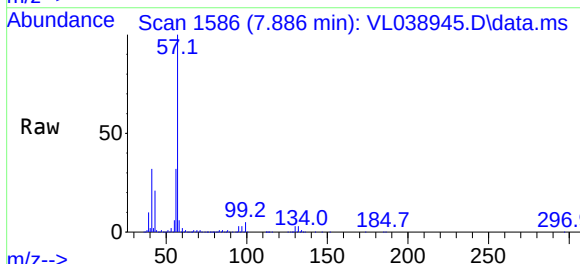
Manual Integrations
APPROVED

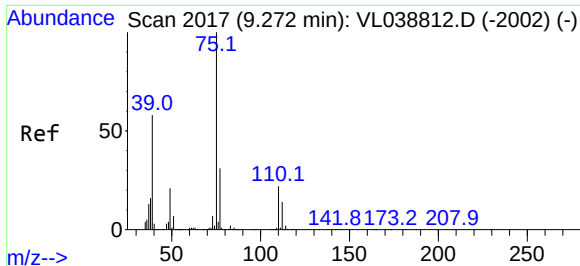
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#44
2,2,4-Trimethylpentane
Concen: 9.529 ppbv
RT: 7.886 min Scan# 1586
Delta R.T. 0.019 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

Tgt Ion: 57 Resp: 4540584
Ion Ratio Lower Upper
57 100
41 31.3 25.0 37.4
56 30.9 25.3 37.9





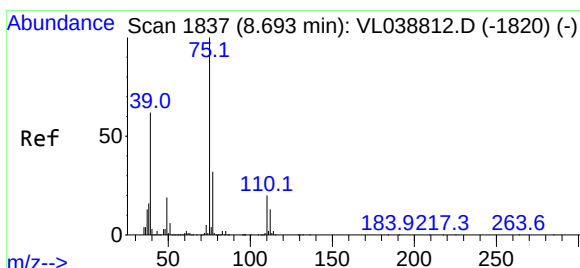
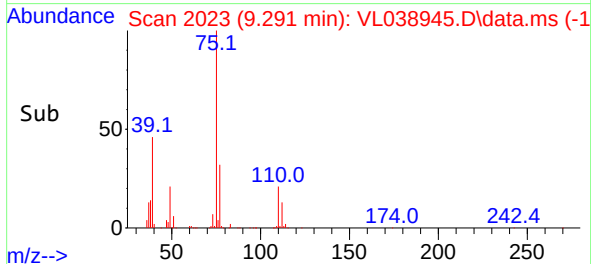
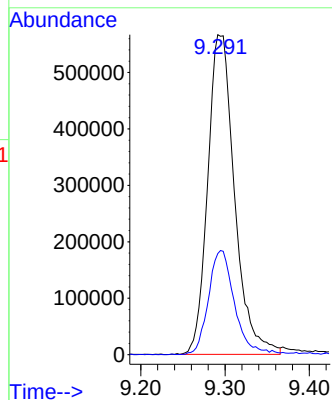
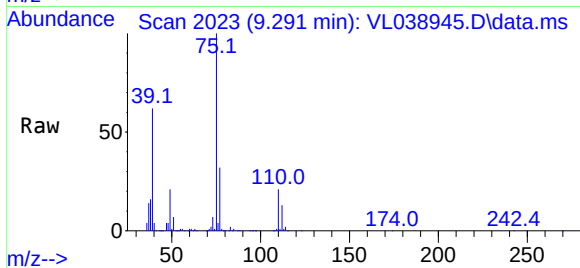
#45
t-1,3-Dichloropropene
Concen: 11.128 ppbv
RT: 9.291 min Scan# 2017
Delta R.T. 0.019 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01

Tgt Ion: 75 Resp: 125430
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.4

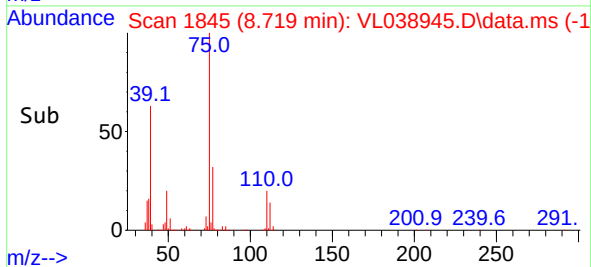
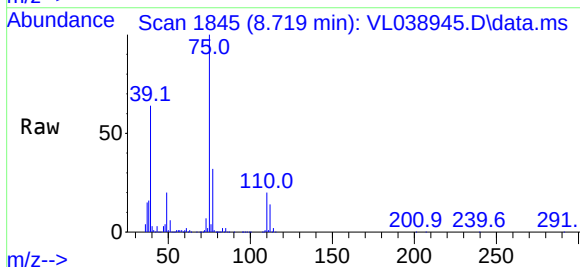
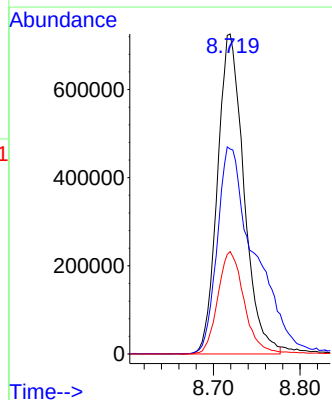
Manual Integrations
APPROVED

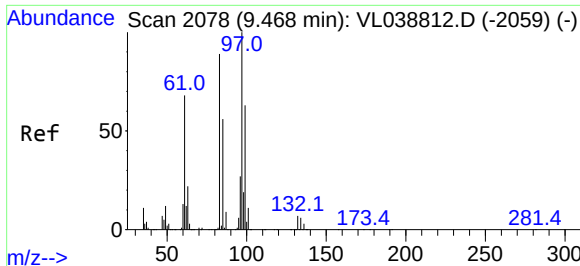
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#46
cis-1,3-Dichloropropene
Concen: 10.331 ppbv
RT: 8.719 min Scan# 1845
Delta R.T. 0.026 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

Tgt Ion: 75 Resp: 1535348
Ion Ratio Lower Upper
75 100
39 64.0 49.7 74.5
77 32.0 25.6 38.4





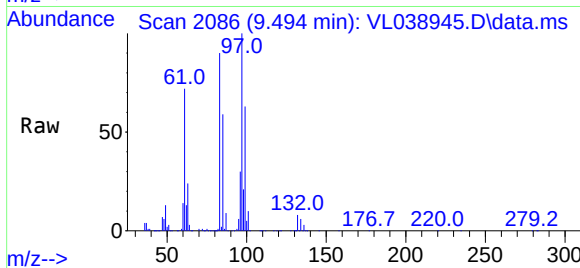
#47
1,1,2-Trichloroethane
Concen: 9.987 ppbv
RT: 9.494 min Scan# 2078
Delta R.T. 0.026 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

Instrument :

MSVOA_L

ClientSampleId :

VL0419ABS01

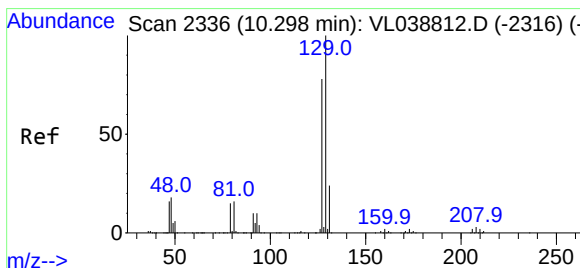
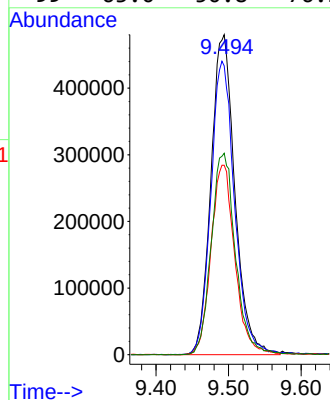
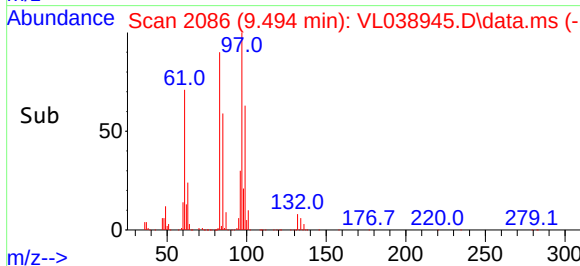


Tgt Ion: 97 Resp: 1101610
Ion Ratio Lower Upper
97 100
83 90.1 71.1 106.7
85 59.2 45.1 67.7
99 63.0 50.8 76.2

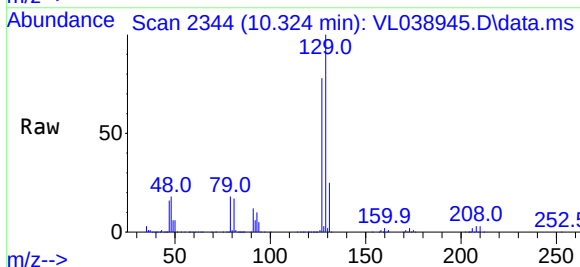
Manual Integrations

APPROVED

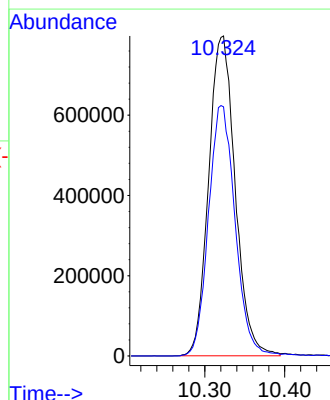
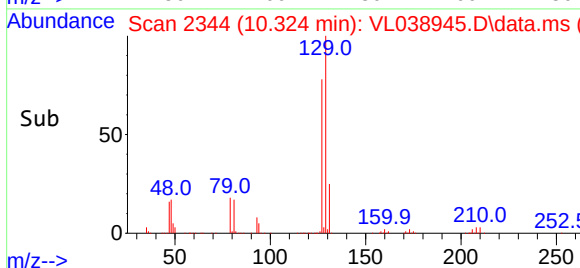
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

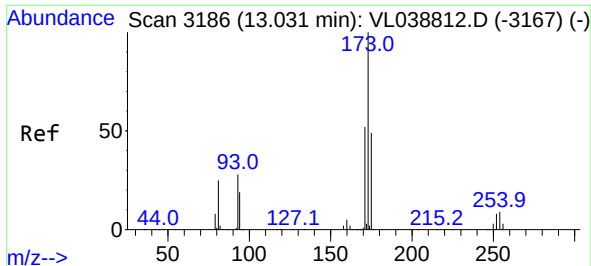


#48
Dibromochloromethane
Concen: 10.613 ppbv
RT: 10.324 min Scan# 2344
Delta R.T. 0.026 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58



Tgt Ion:129 Resp: 1834872
Ion Ratio Lower Upper
129 100
127 78.9 38.9 116.6





#49

Bromoform

Concen: 11.034 ppbv

RT: 13.057 min Scan# 3186

Delta R.T. 0.026 min

Lab File: VL038945.D

Acq: 19 Apr 2022 11:58

Instrument :

MSVOA_L

ClientSampleId :

VL0419ABS01

Tgt Ion:173 Resp: 1510960

Ion Ratio Lower Upper

173 100

175 49.7 39.9 59.9

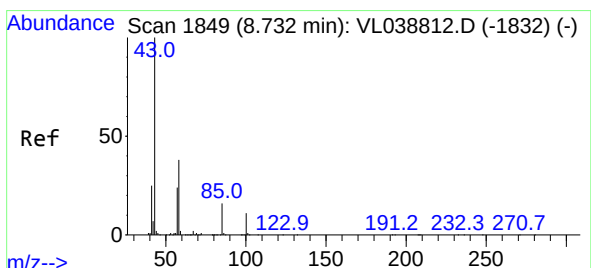
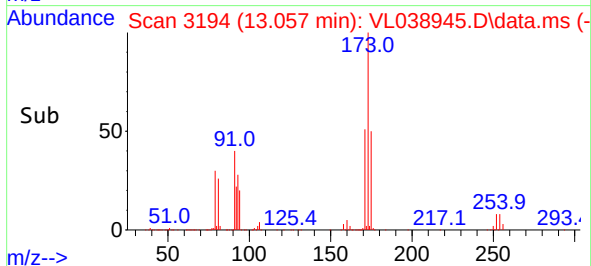
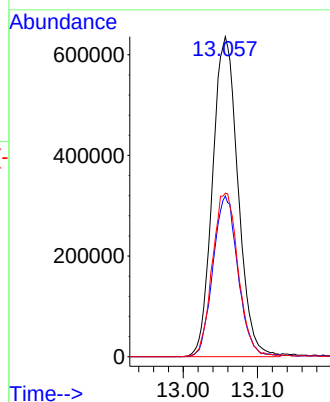
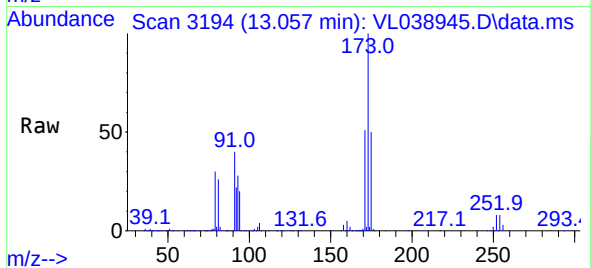
171 52.5 43.4 65.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/20/2022

Supervised By :Mahesh Dadoda 04/20/2022



#50

4-Methyl-2-Pentanone

Concen: 10.363 ppbv

RT: 8.754 min Scan# 1856

Delta R.T. 0.022 min

Lab File: VL038945.D

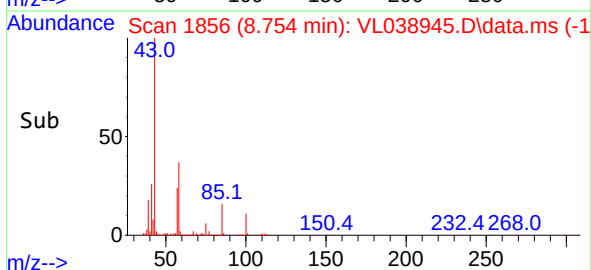
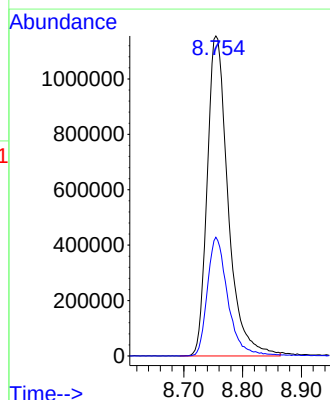
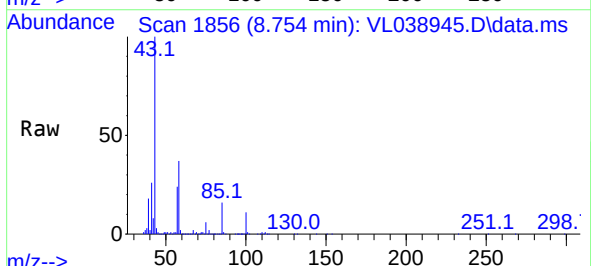
Acq: 19 Apr 2022 11:58

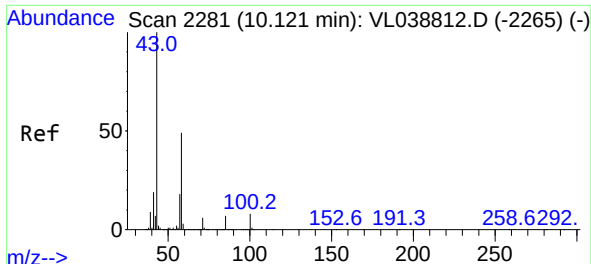
Tgt Ion: 43 Resp: 2849756

Ion Ratio Lower Upper

43 100

58 36.7 29.0 43.6





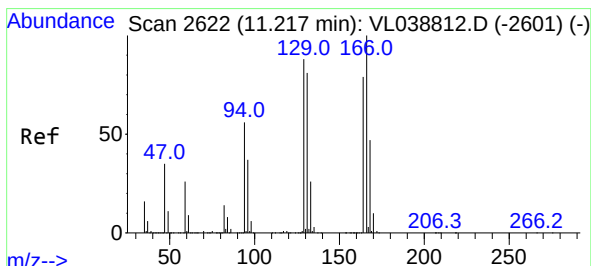
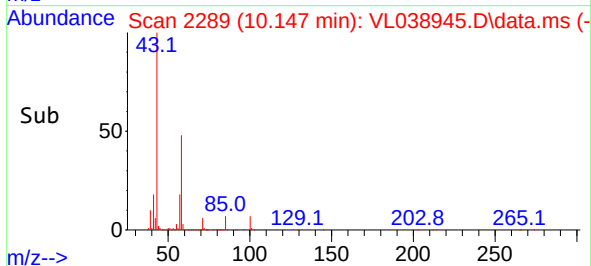
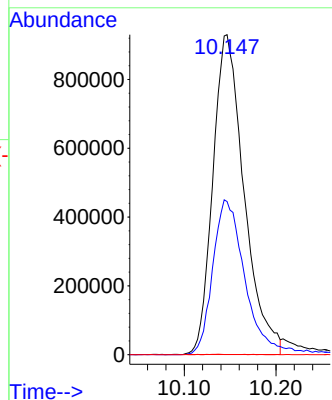
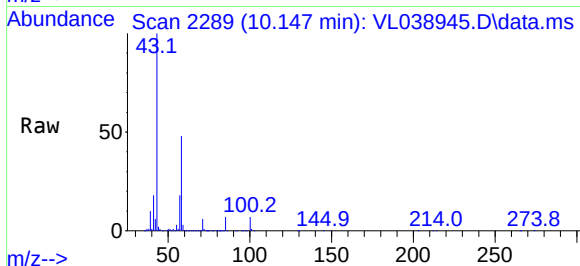
#51
2-Hexanone
Concen: 10.602 ppbv
RT: 10.147 min Scan# 219669
Delta R.T. 0.026 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01

Tgt Ion: 43 Resp: 219669
Ion Ratio Lower Upper
43 100
58 51.2 41.4 62.0
98 0.1 0.1 0.1

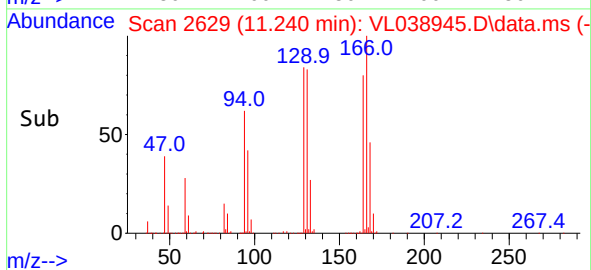
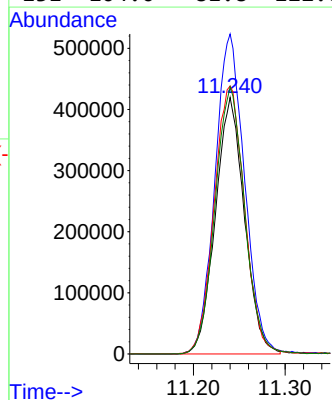
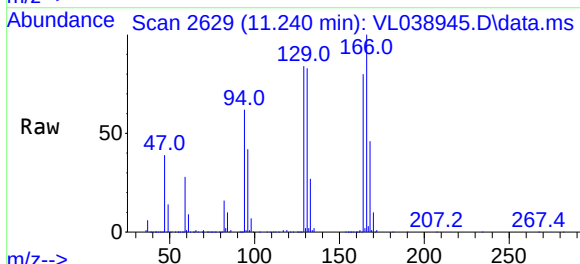
Manual Integrations
APPROVED

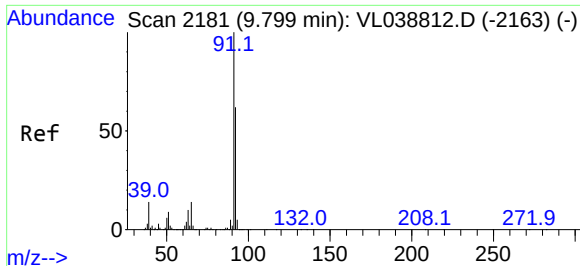
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#52
Tetrachloroethene
Concen: 9.368 ppbv
RT: 11.240 min Scan# 2629
Delta R.T. 0.022 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

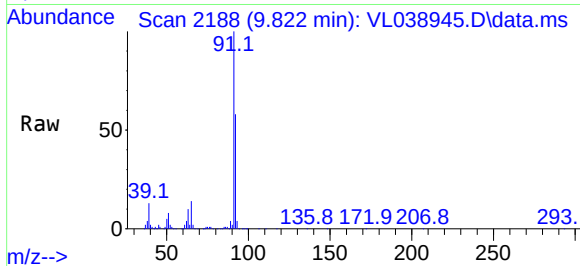
Tgt Ion:164 Resp: 920957
Ion Ratio Lower Upper
164 100
166 124.6 101.0 151.6
129 104.3 88.7 133.1
131 104.0 81.8 122.6





#53
Toluene
Concen: 9.819 ppbv
RT: 9.822 min Scan# 2181
Delta R.T. 0.022 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

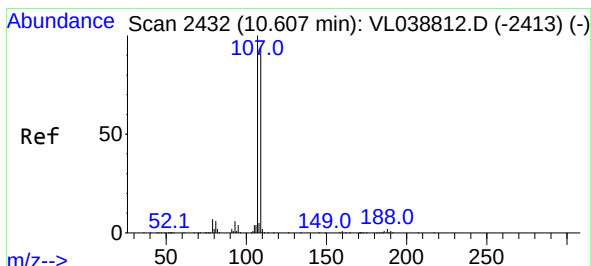
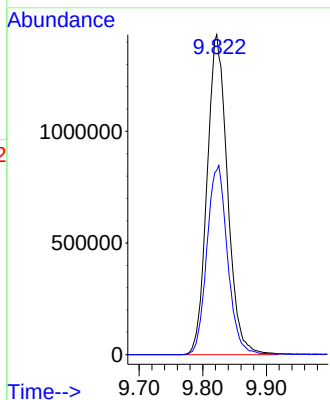
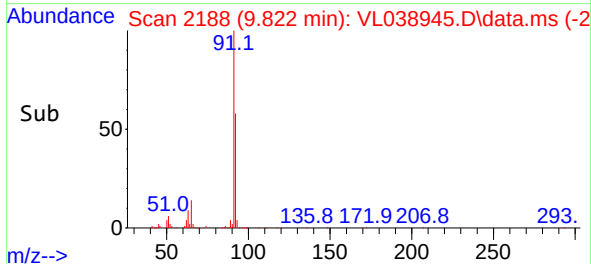
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



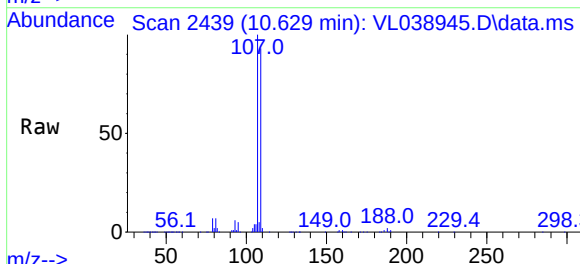
Tgt Ion: 91 Resp: 3190130
Ion Ratio Lower Upper
91 100
92 60.0 49.2 73.8

Manual Integrations
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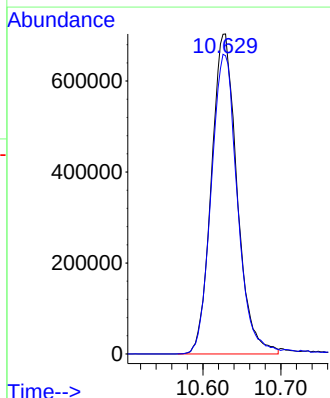
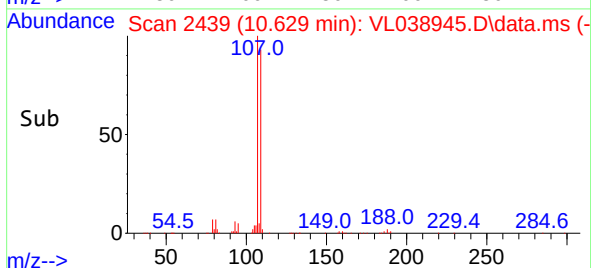
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

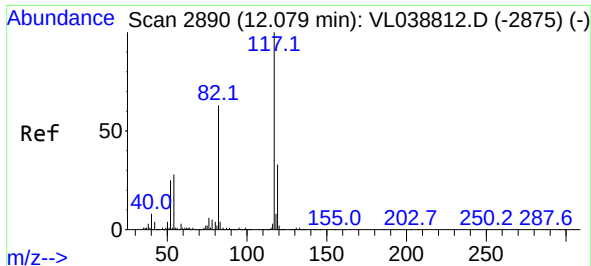


#54
1,2-Dibromoethane
Concen: 10.501 ppbv
RT: 10.629 min Scan# 2439
Delta R.T. 0.022 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58



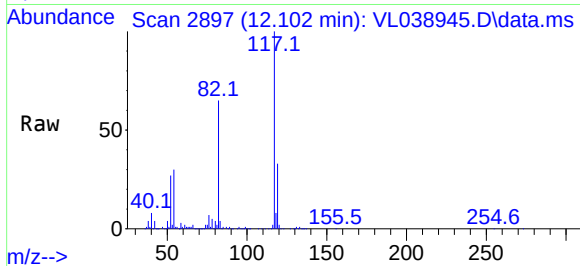
Tgt Ion:107 Resp: 1608962
Ion Ratio Lower Upper
107 100
109 93.2 75.5 113.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.102 min Scan# 2897
Delta R.T. 0.022 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

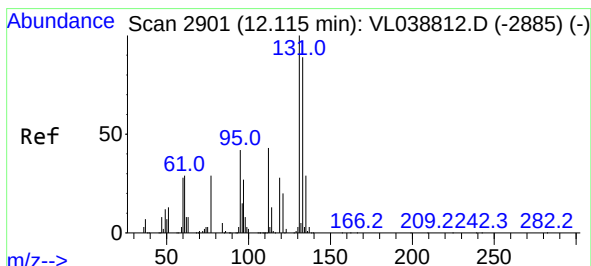
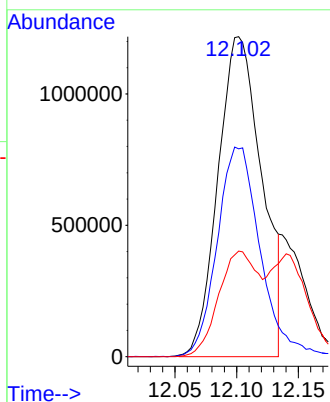
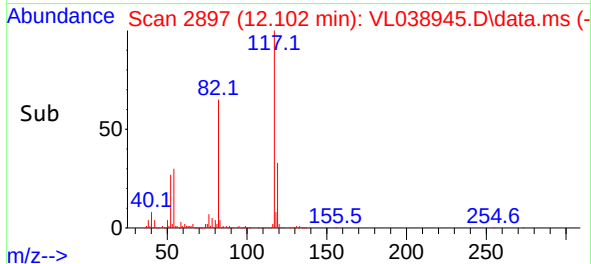
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



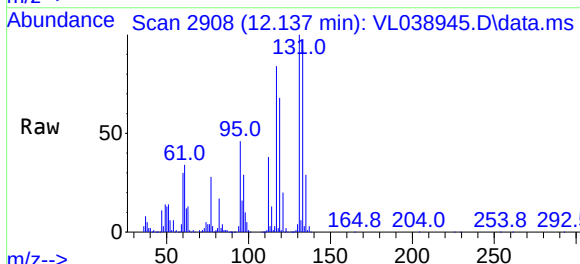
Tgt Ion:117 Resp: 300821
Ion Ratio Lower Upper
117 100
82 65.1 53.0 79.6
119 27.7 24.9 37.3

Manual Integrations
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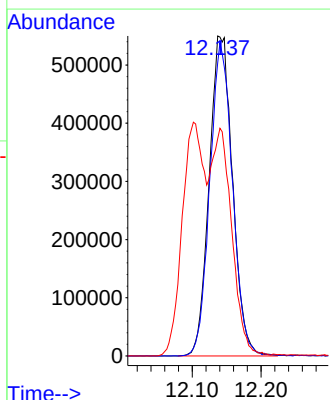
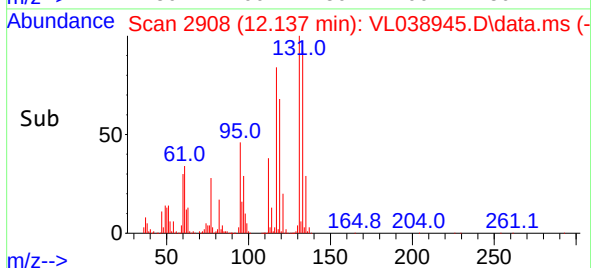
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

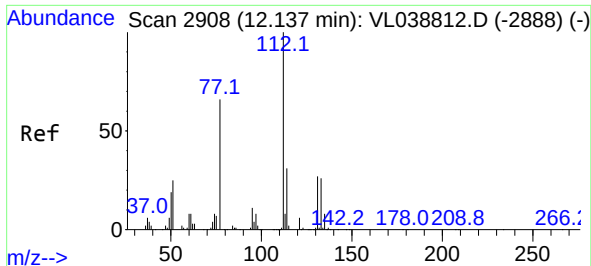


#56
1,1,1,2-Tetrachloroethane
Concen: 9.825 ppbv m
RT: 12.137 min Scan# 2908
Delta R.T. 0.022 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58



Tgt Ion:131 Resp: 1295201
Ion Ratio Lower Upper
131 100
133 95.1 78.2 117.4
119 69.4 58.6 87.8





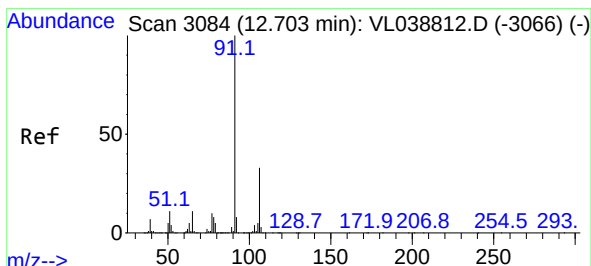
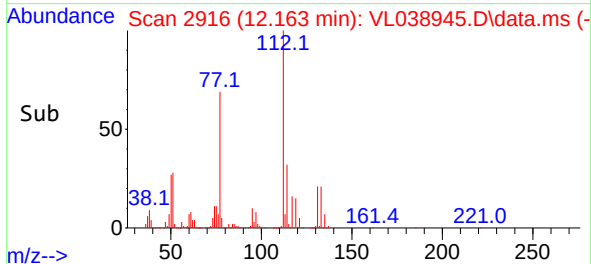
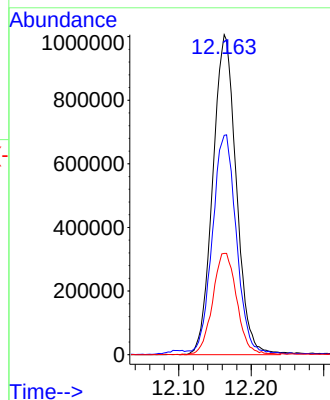
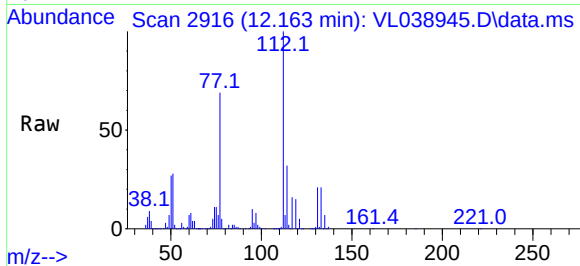
#57
Chlorobenzene
Concen: 9.201 ppbv
RT: 12.163 min Scan# 2916
Delta R.T. 0.026 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01

Tgt Ion:112 Resp: 226697
Ion Ratio Lower Upper
112 100
77 68.0 52.4 78.6
114 31.7 28.1 34.3

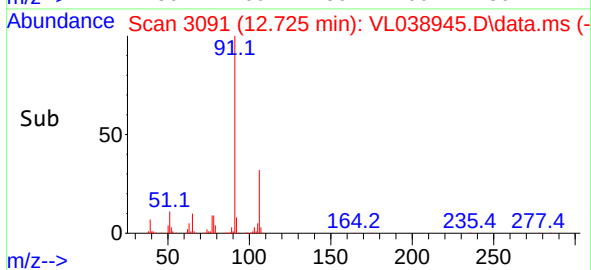
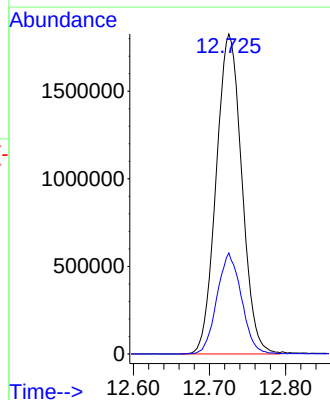
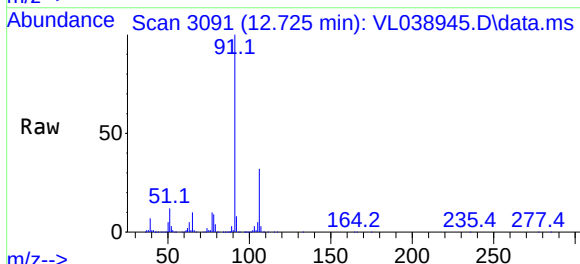
Manual Integrations
APPROVED

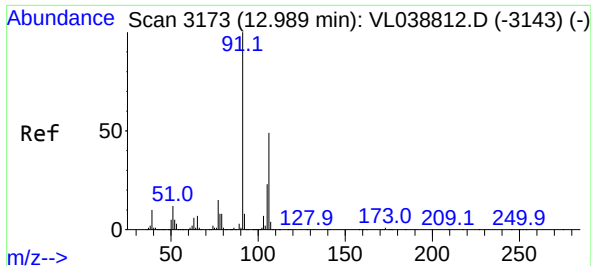
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#58
Ethyl Benzene
Concen: 9.506 ppbv
RT: 12.725 min Scan# 3091
Delta R.T. 0.022 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

Tgt Ion: 91 Resp: 4273027
Ion Ratio Lower Upper
91 100
106 31.6 26.7 40.1





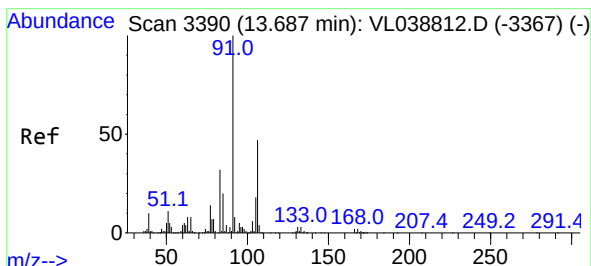
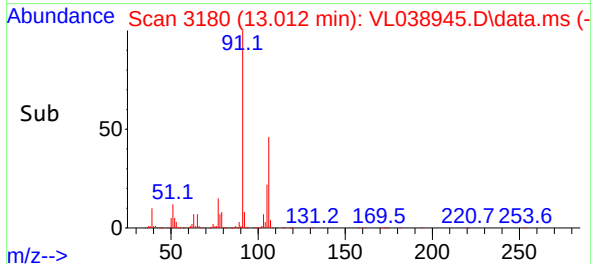
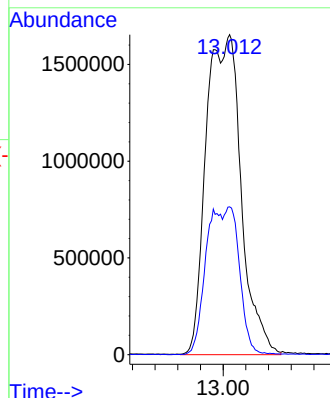
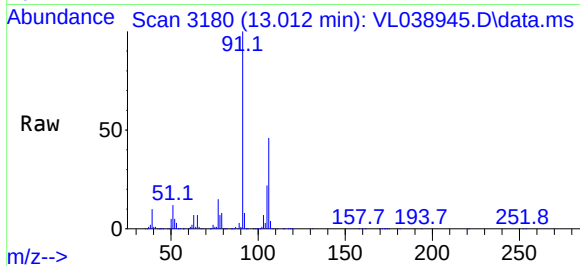
#59
m/p-Xylene
Concen: 18.779 ppbv m
RT: 13.012 min Scan# 3173
Delta R.T. 0.022 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01

Tgt Ion: 91 Resp: 709184
Ion Ratio Lower Upper
91 100
106 43.7 37.1 55.7

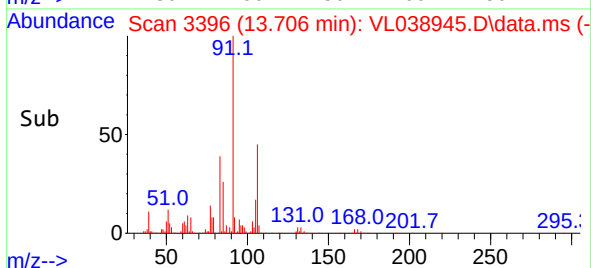
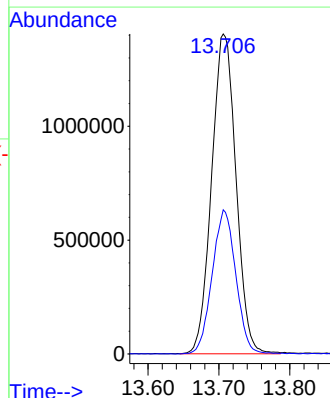
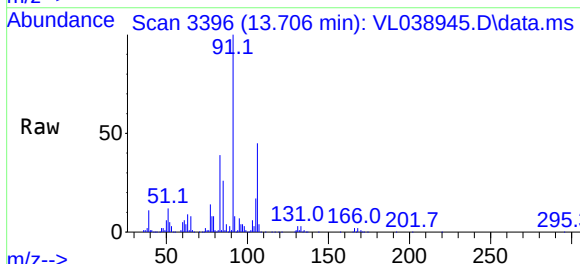
Manual Integrations
APPROVED

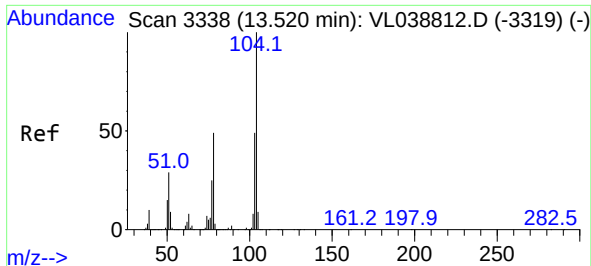
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#60
o-Xylene
Concen: 9.492 ppbv
RT: 13.706 min Scan# 3396
Delta R.T. 0.019 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

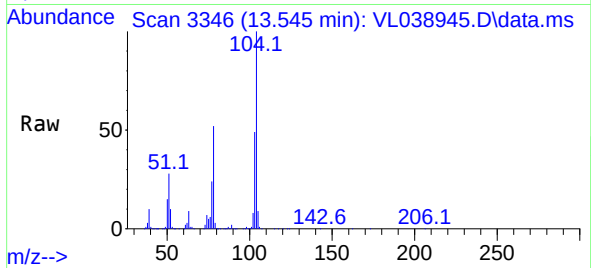
Tgt Ion: 91 Resp: 3354143
Ion Ratio Lower Upper
91 100
106 43.8 23.8 71.4





#61
Styrene
Concen: 9.660 ppbv
RT: 13.545 min Scan# 31
Delta R.T. 0.026 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

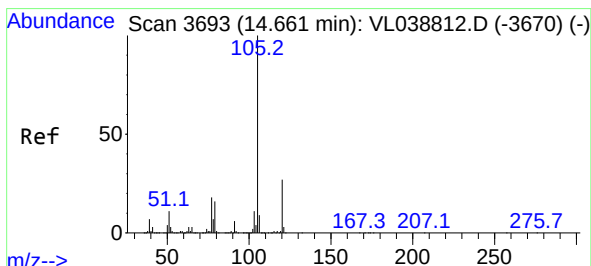
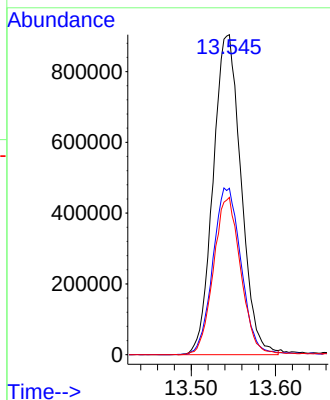
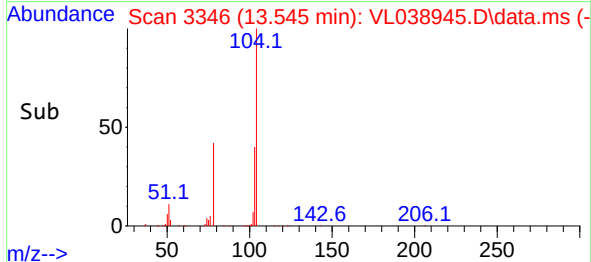
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



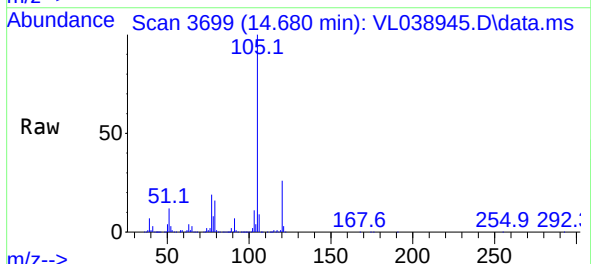
Tgt Ion:104 Resp: 207973
Ion Ratio Lower Upper
104 100
78 53.2 40.5 60.7
103 48.4 39.0 58.4

Manual Integrations
APPROVED

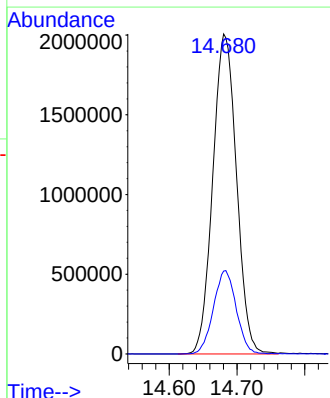
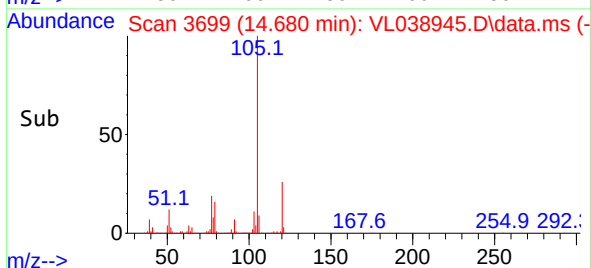
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

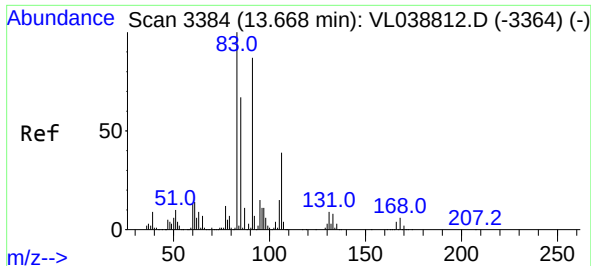


#62
Isopropylbenzene
Concen: 9.184 ppbv
RT: 14.680 min Scan# 3699
Delta R.T. 0.019 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58



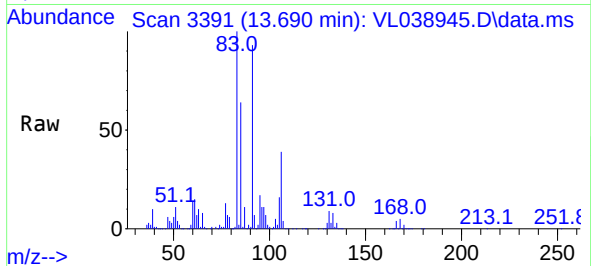
Tgt Ion:105 Resp: 4871161
Ion Ratio Lower Upper
105 100
120 25.2 21.8 32.8





#63
1,1,2,2-Tetrachloroethane
Concen: 9.278 ppbv
RT: 13.690 min Scan# 31
Delta R.T. 0.022 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

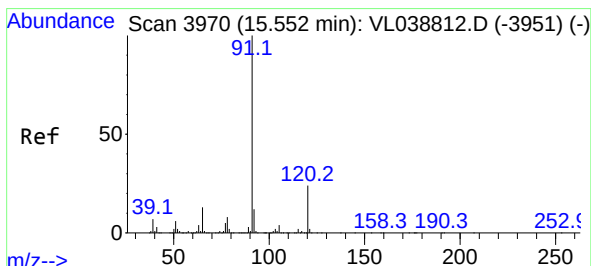
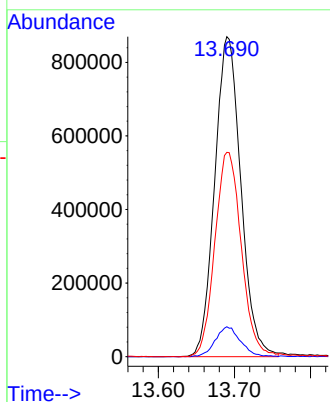
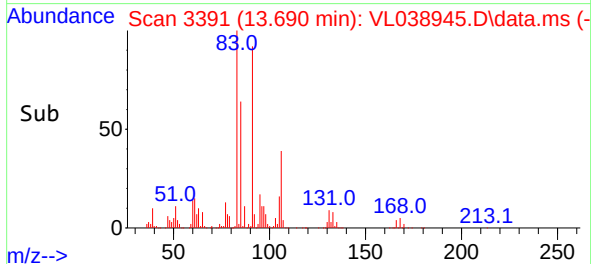
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



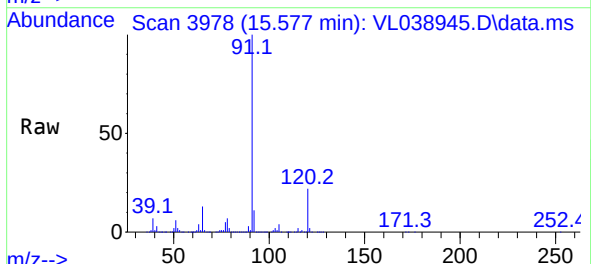
Tgt Ion: 83 Resp: 207652
Ion Ratio Lower Upper
83 100
131 9.1 4.6 13.8
85 65.4 33.0 99.0

Manual Integrations
APPROVED

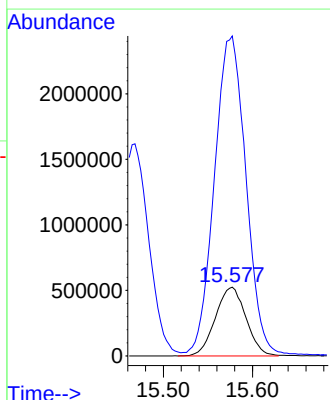
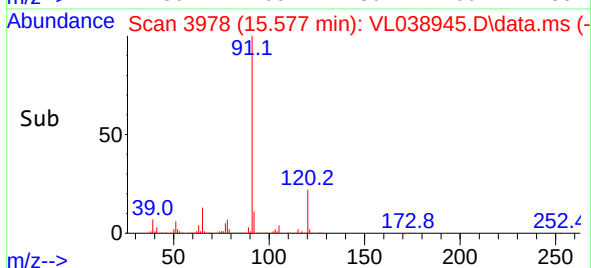
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

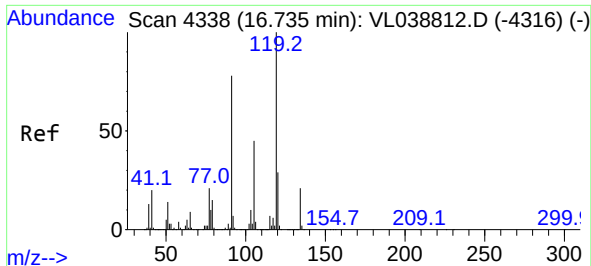


#64
n-propylbenzene
Concen: 9.048 ppbv
RT: 15.577 min Scan# 3978
Delta R.T. 0.026 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58



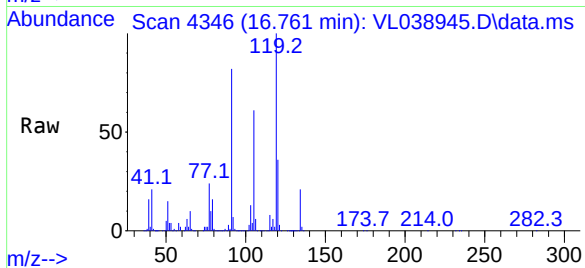
Tgt Ion:120 Resp: 1246156
Ion Ratio Lower Upper
120 100
91 484.8 360.6 540.8





#65
tert-Butylbenzene
Concen: 8.778 ppbv
RT: 16.761 min Scan# 41
Delta R.T. 0.026 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

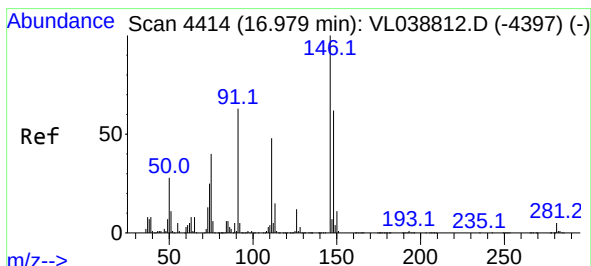
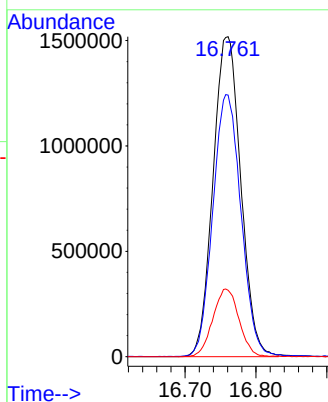
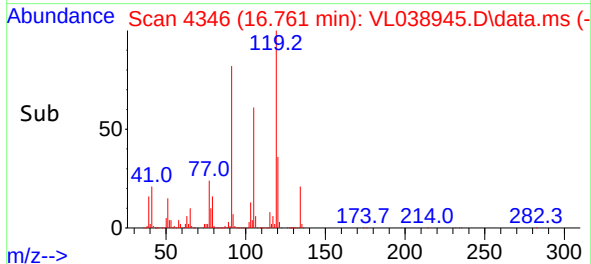
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



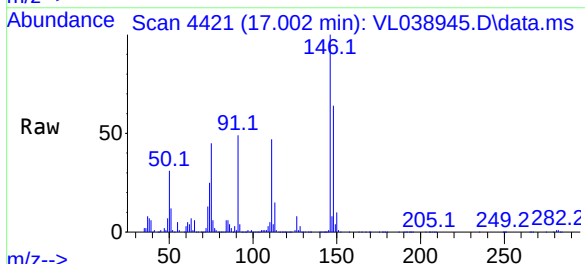
Tgt Ion: 119 Resp: 413082
Ion Ratio Lower Upper
119 100
91 83.3 62.8 94.2
134 20.0 16.2 24.4

Manual Integrations
APPROVED

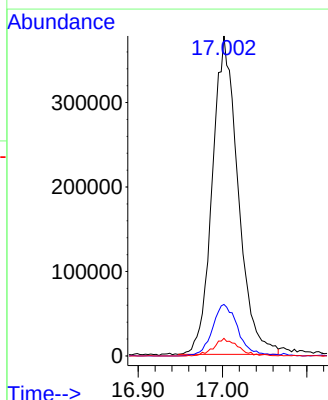
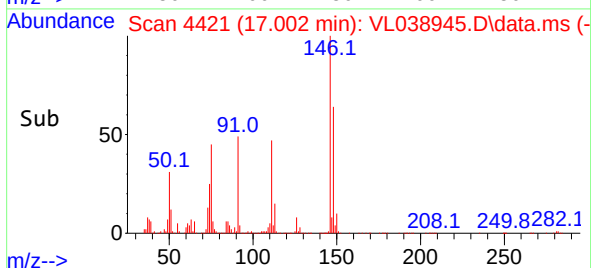
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

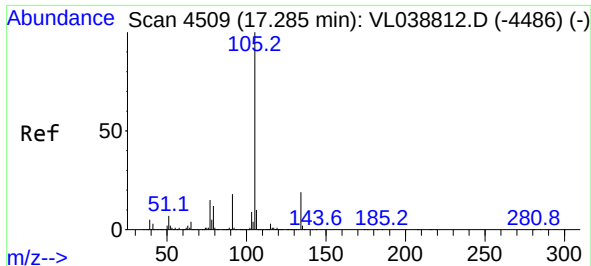


#66
Benzyl Chloride
Concen: 8.340 ppbv
RT: 17.002 min Scan# 4421
Delta R.T. 0.022 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58



Tgt Ion: 91 Resp: 799013
Ion Ratio Lower Upper
91 100
126 16.4 15.4 23.0
128 5.3 4.7 7.1





#67
 sec-Butylbenzene
 Concen: 9.110 ppbv
 RT: 17.310 min Scan# 41
 Delta R.T. 0.026 min
 Lab File: VL038945.D
 Acq: 19 Apr 2022 11:58

Instrument :

MSVOA_L

ClientSampleId :

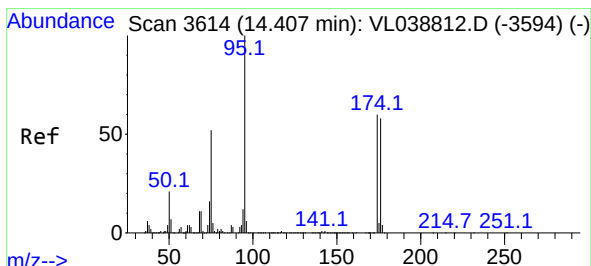
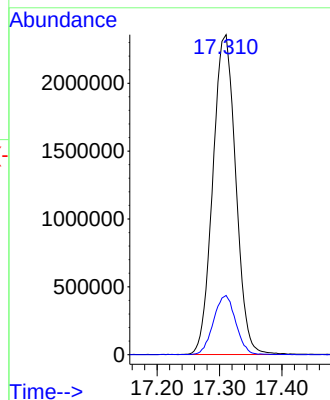
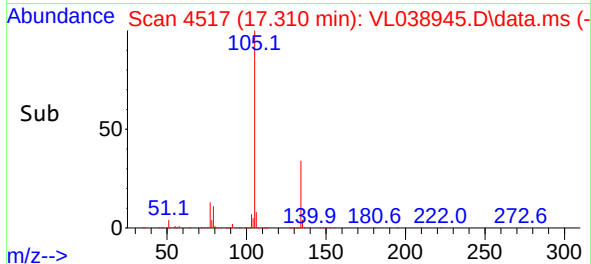
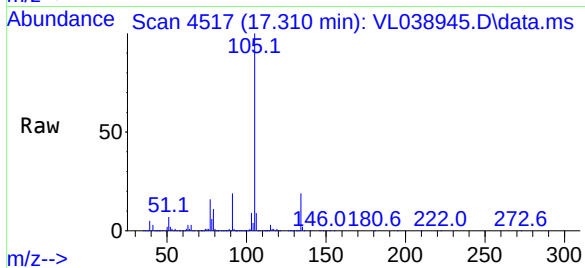
VL0419ABS01

Tgt Ion:105 Resp: 601613
 Ion Ratio Lower Upper
 105 100
 134 18.0 15.1 22.7

Manual Integrations

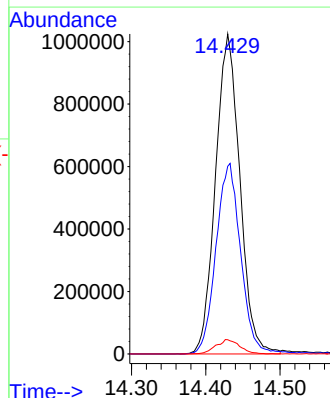
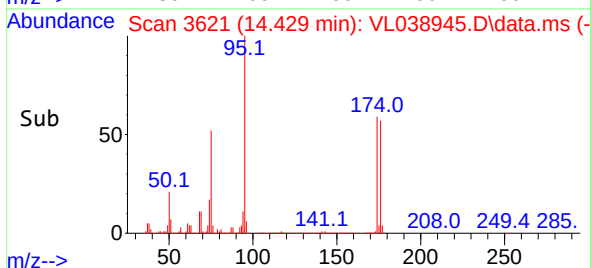
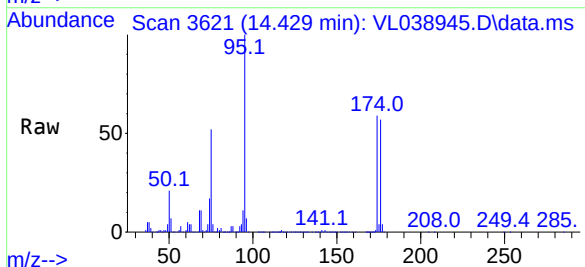
APPROVED

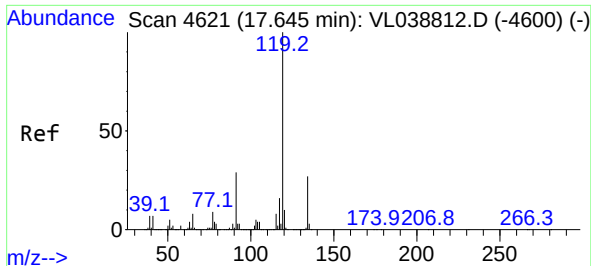
Reviewed By :Semsettin Yesilyurt 04/20/2022
 Supervised By :Mahesh Dadoda 04/20/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.224 ppbv
 RT: 14.429 min Scan# 3621
 Delta R.T. 0.022 min
 Lab File: VL038945.D
 Acq: 19 Apr 2022 11:58

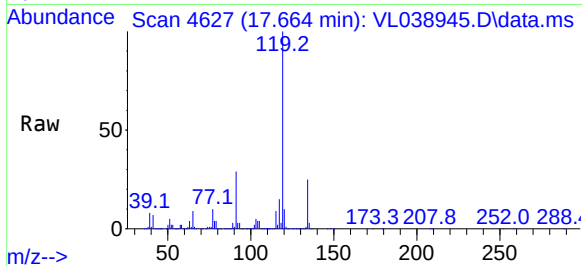
Tgt Ion: 95 Resp: 2333024
 Ion Ratio Lower Upper
 95 100
 174 60.7 52.0 78.0
 175 4.5 4.0 6.0





#69
p-Isopropyltoluene
Concen: 9.060 ppbv
RT: 17.664 min Scan# 401
Delta R.T. 0.019 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

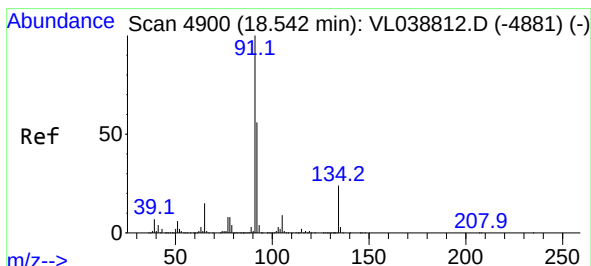
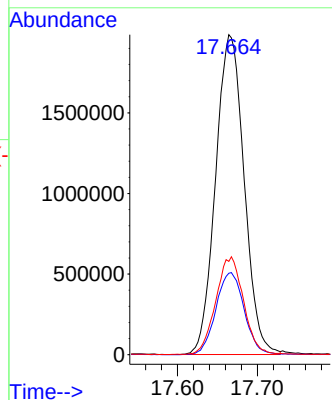
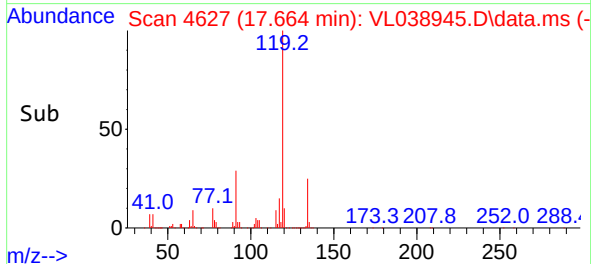
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



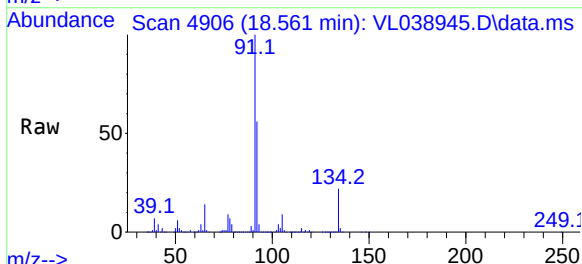
Tgt Ion:119 Resp: 4912330
Ion Ratio Lower Upper
119 100
134 25.6 20.8 31.2
91 29.8 22.6 34.0

Manual Integrations
APPROVED

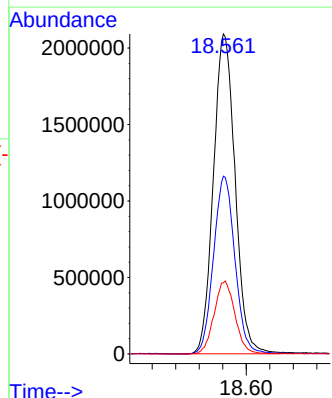
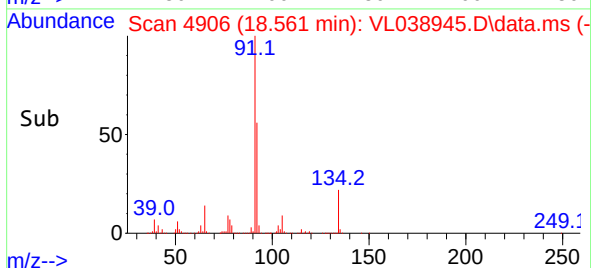
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

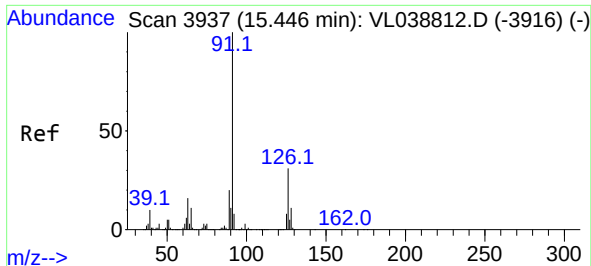


#70
n-Butylbenzene
Concen: 9.822 ppbv
RT: 18.561 min Scan# 4906
Delta R.T. 0.019 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58



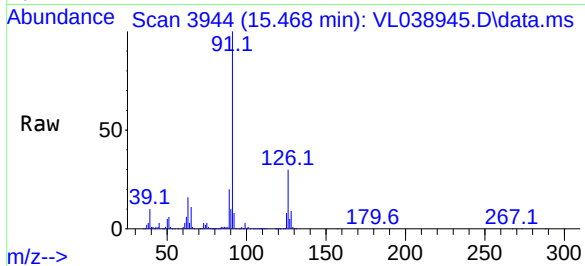
Tgt Ion: 91 Resp: 5365106
Ion Ratio Lower Upper
91 100
92 54.7 44.6 66.8
134 22.0 19.2 28.8





#71
2-Chlorotoluene
Concen: 9.580 ppbv
RT: 15.468 min Scan# 3937
Delta R.T. 0.022 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

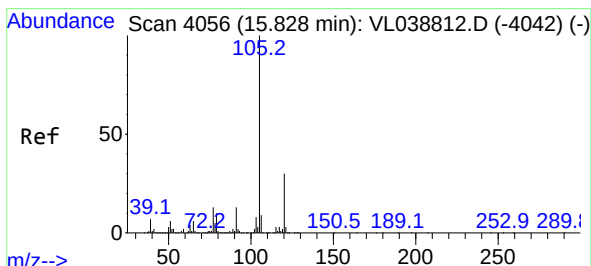
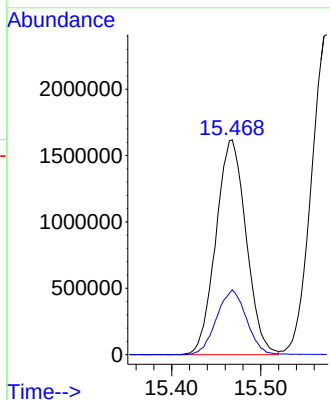
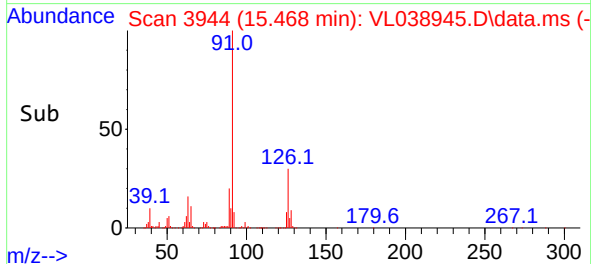
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



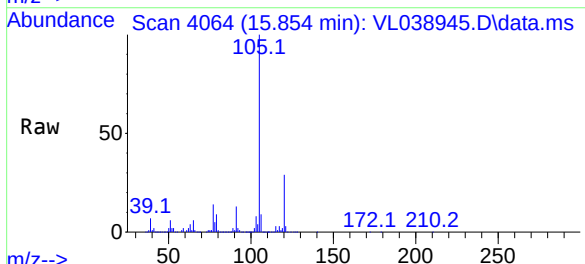
Tgt Ion: 91 Resp: 3820818
Ion Ratio Lower Upper
91 100
126 30.0 13.0 51.8

Manual Integrations
APPROVED

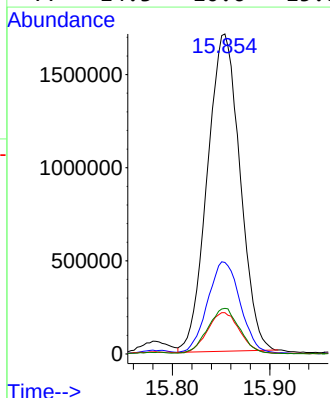
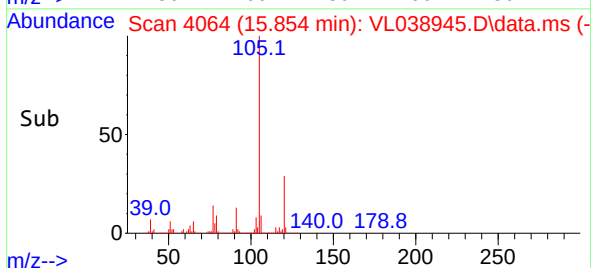
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

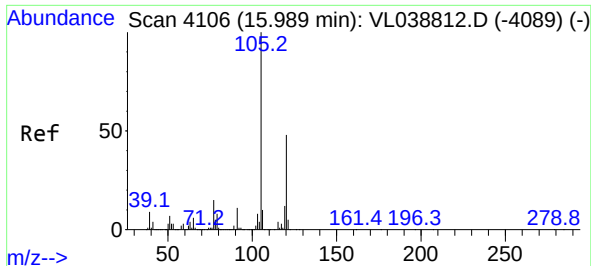


#72
4-Ethyltoluene
Concen: 9.416 ppbv
RT: 15.854 min Scan# 4064
Delta R.T. 0.026 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58



Tgt Ion:105 Resp: 3973156
Ion Ratio Lower Upper
105 100
120 29.6 24.3 36.5
91 13.0 9.4 14.2
77 14.3 10.6 15.8





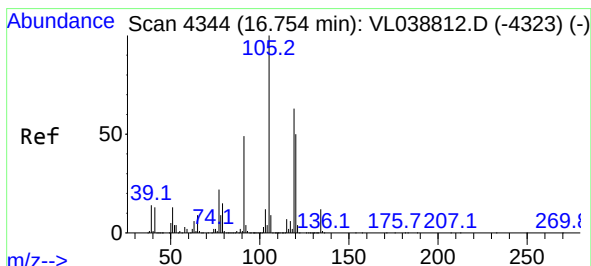
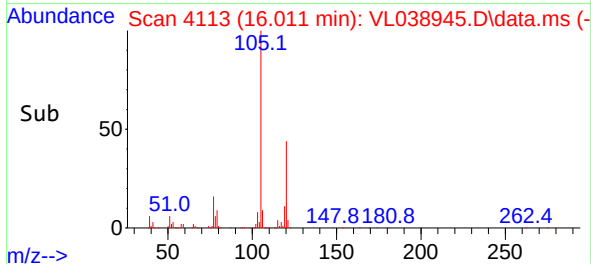
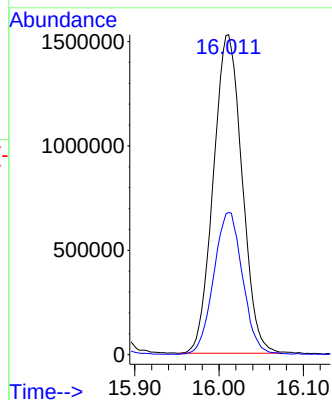
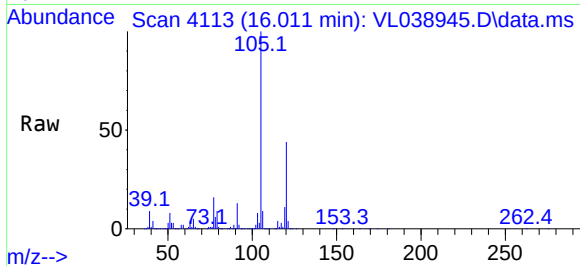
#73
1,3,5-Trimethylbenzene
Concen: 9.529 ppbv
RT: 16.011 min Scan# 4106
Delta R.T. 0.022 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01

Tgt Ion:105 Resp: 361224
Ion Ratio Lower Upper
105 100
120 44.5 38.7 58.1

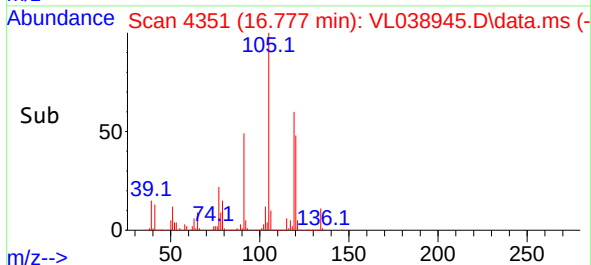
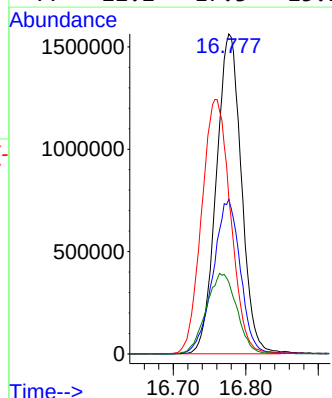
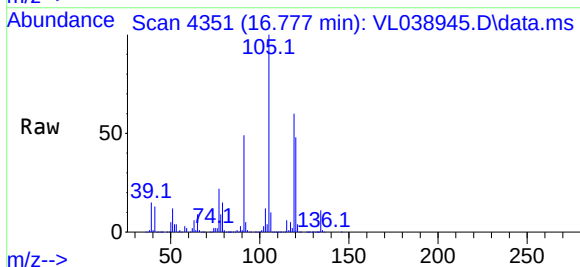
Manual Integrations
APPROVED

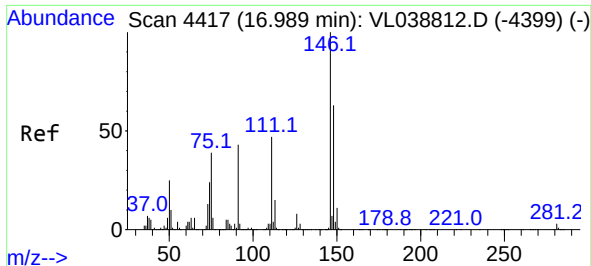
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#74
1,2,4-Trimethylbenzene
Concen: 9.363 ppbv
RT: 16.777 min Scan# 4351
Delta R.T. 0.022 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

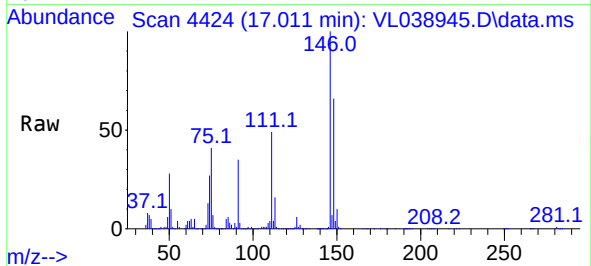
Tgt Ion:105 Resp: 3751778
Ion Ratio Lower Upper
105 100
120 48.2 39.8 59.8
91 48.5 39.4 59.0
77 22.2 17.3 25.9





#75
1,3-Dichlorobenzene
Concen: 9.244 ppbv
RT: 17.011 min Scan# 4424
Delta R.T. 0.022 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

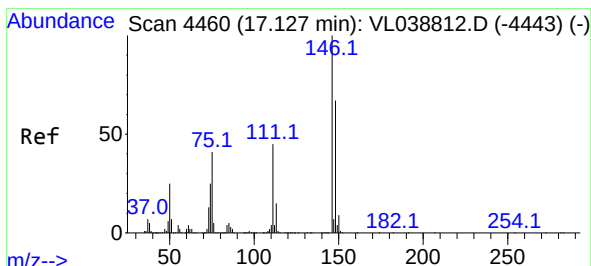
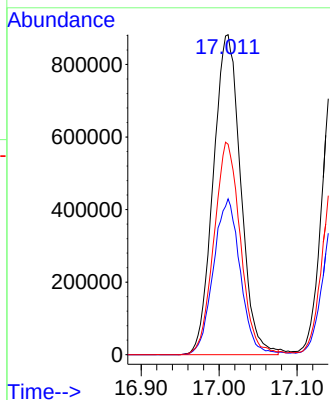
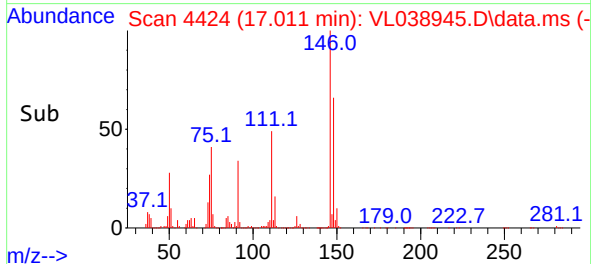
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



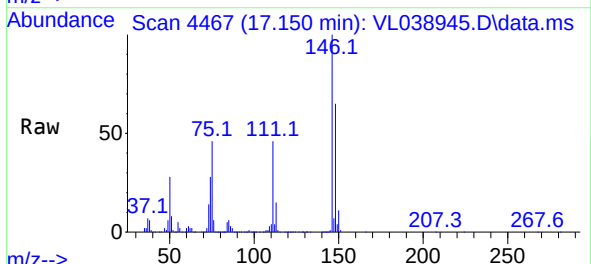
Tgt Ion:146 Resp: 2150759
Ion Ratio Lower Upper
146 100
111 48.1 23.8 71.2
148 64.4 31.8 95.4

Manual Integrations
APPROVED

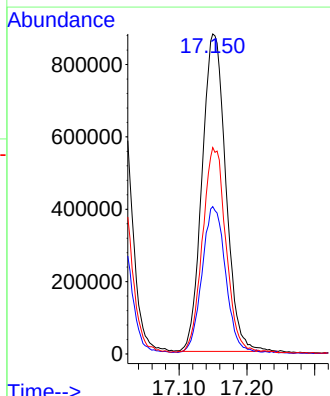
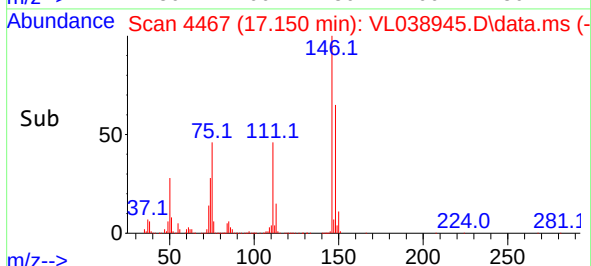
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

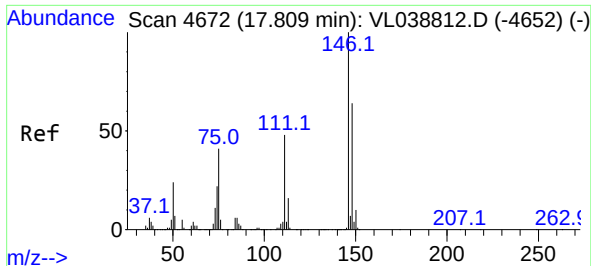


#76
1,4-Dichlorobenzene
Concen: 9.318 ppbv
RT: 17.150 min Scan# 4467
Delta R.T. 0.022 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58



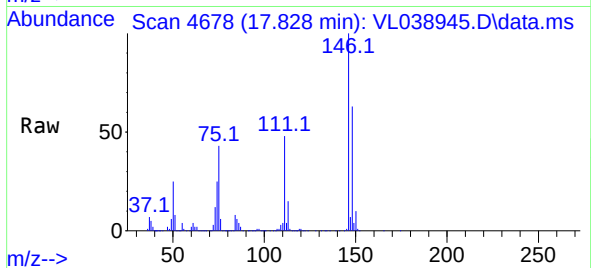
Tgt Ion:146 Resp: 2135659
Ion Ratio Lower Upper
146 100
111 46.6 23.6 70.8
148 64.7 33.6 100.6





#77
1,2-Dichlorobenzene
Concen: 9.153 ppbv
RT: 17.828 min Scan# 407
Delta R.T. 0.019 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

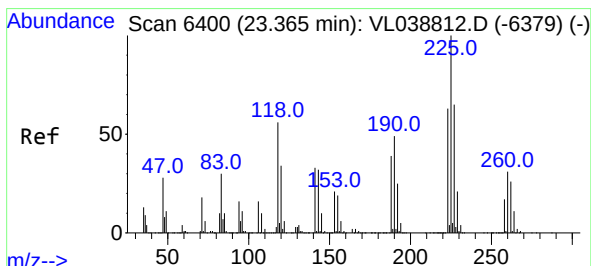
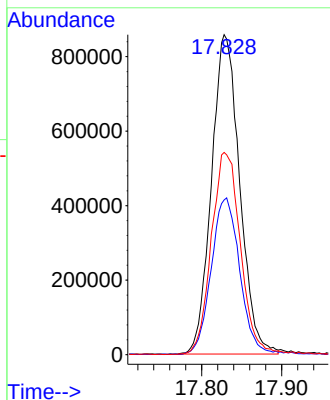
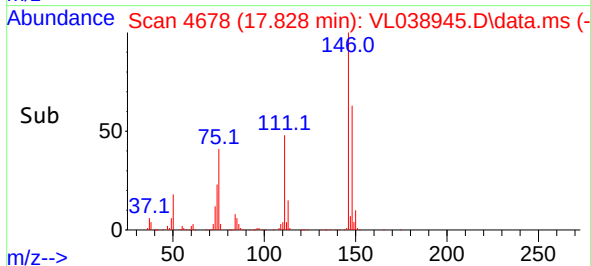
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



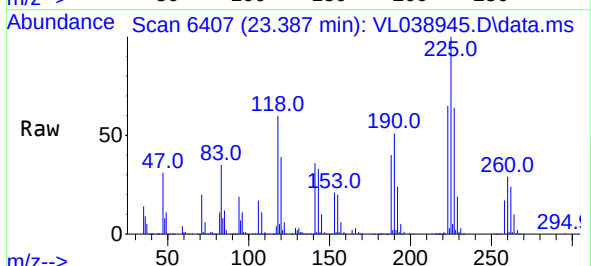
Tgt Ion:146 Resp: 2099294
Ion Ratio Lower Upper
146 100
111 50.1 24.8 74.3
148 65.3 31.9 95.7

Manual Integrations
APPROVED

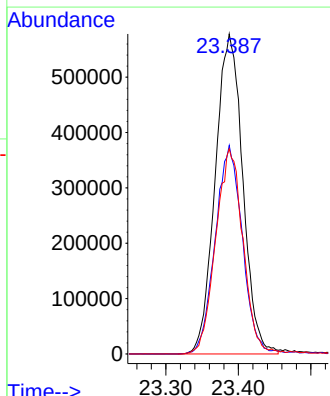
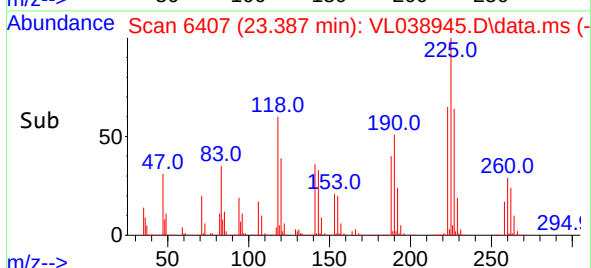
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

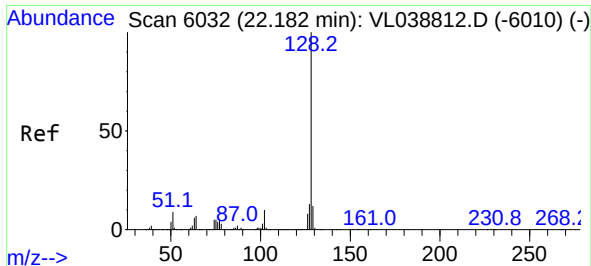


#78
Hexachloro-1,3-Butadiene
Concen: 8.411 ppbv
RT: 23.387 min Scan# 6407
Delta R.T. 0.022 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58



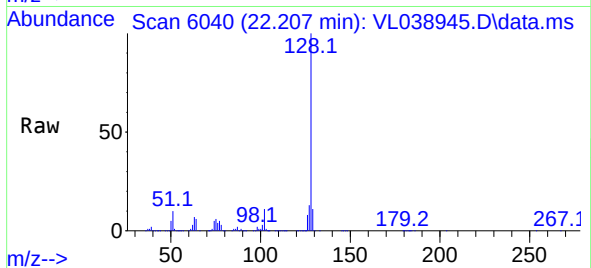
Tgt Ion:225 Resp: 1524186
Ion Ratio Lower Upper
225 100
223 64.6 51.6 77.4
227 63.9 52.3 78.5





#79
Naphthalene
Concen: 9.871 ppbv
RT: 22.207 min Scan# 6032
Delta R.T. 0.026 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

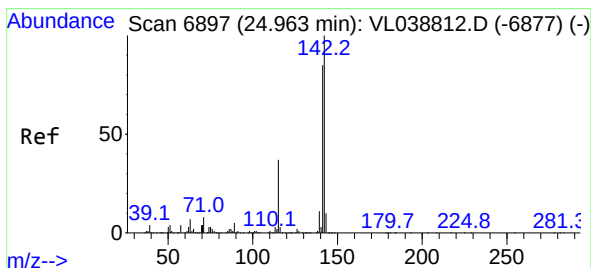
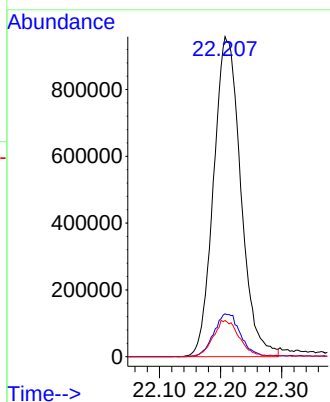
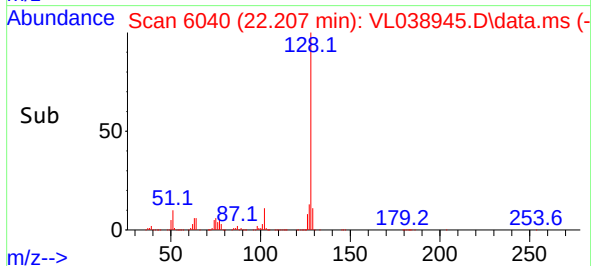
Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01



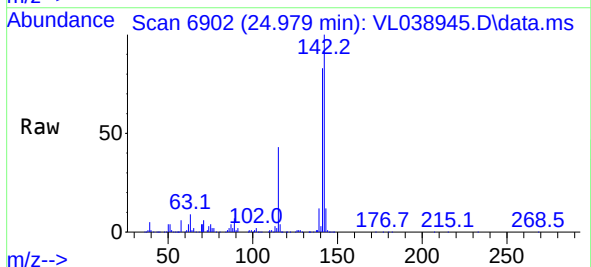
Tgt Ion:128 Resp: 2958938
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 11.3 9.4 14.0

Manual Integrations
APPROVED

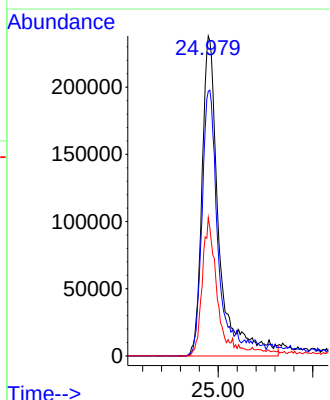
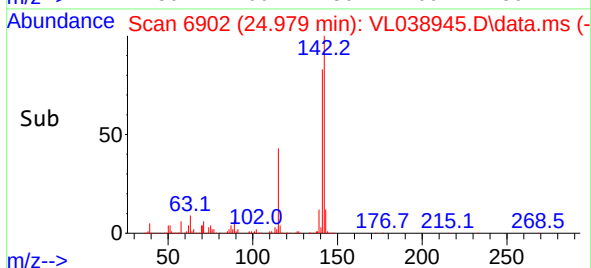
Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



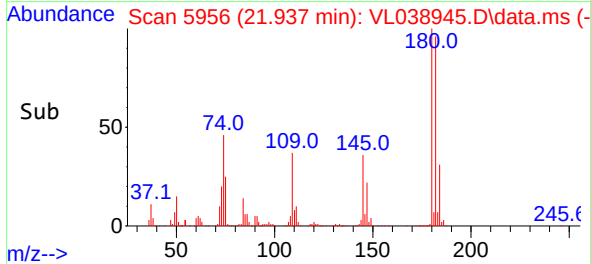
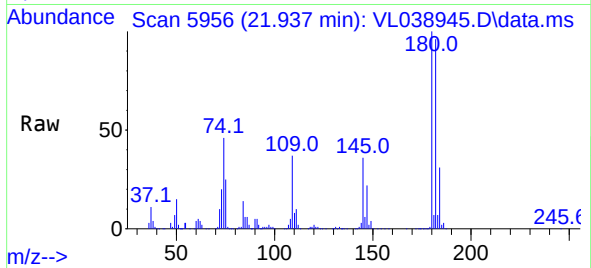
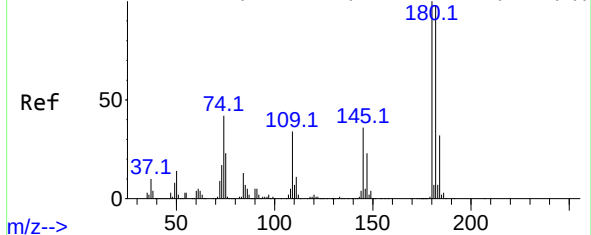
#80
Naphthalene,2-methyl-
Concen: 8.028 ppbv
RT: 24.979 min Scan# 6902
Delta R.T. 0.016 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58



Tgt Ion:142 Resp: 593033
Ion Ratio Lower Upper
142 100
141 77.4 68.8 103.2
115 41.3 31.6 47.4



Abundance Scan 5949 (21.915 min): VL038812.D (-5926) (-)



#81
1,2,4-Trichlorobenzene
Concen: 9.323 ppbv
RT: 21.937 min Scan# 5949
Delta R.T. 0.022 min
Lab File: VL038945.D
Acq: 19 Apr 2022 11:58

Instrument :
MSVOA_L
ClientSampleId :
VL0419ABS01

Tgt Ion:180 Resp: 1635508
Ion Ratio Lower Upper
180 100
182 97.5 79.4 119.0
184 30.7 25.0 37.6

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

