

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110121\
 Data File : VL037933.D
 Acq On : 1 Nov 2021 8:44
 Operator : SY/AP
 Sample : VSTDICC0.5
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDICC0.5

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/05/2021
 Supervised By : Mahesh Dadoda 11/10/2021

Quant Time: Nov 01 11:09:20 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Nov 01 11:08:47 2021

QLast Update : Mon Nov 01 11:08:47 2021

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.668	49	1597000	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	4637690	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.079	117	4061672	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.410 95 3052663 10.747 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 107.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.054	85	153356	0.601	ppbv	95
3) Chlorodifluoromethane	2.996	51	163687	0.533	ppbv	99
4) Chloromethane	3.147	50	58989	0.525	ppbv	92
5) Vinyl Chloride	3.259	62	55014	0.534	ppbv	91
6) Bromomethane	3.478	94	34548m	0.620	ppbv	
7) Chloroethane	3.558	64	16780	0.443	ppbv #	83
8) Dichlorotetrafluoroethane	3.195	85	144792m	0.574	ppbv	
9) Propene	3.015	41	41172	0.365	ppbv	84
10) Heptane	8.118	43	106180	0.414	ppbv	99
11) Trichlorofluoromethane	3.957	101	120249	0.528	ppbv	92
12) 1,1,2-Trichlorotrifluoro...	4.488	101	94953	0.551	ppbv	98
13) Ethanol	3.623	45	6044m	0.655	ppbv	
14) Bromoethene	3.745	108	38719	0.511	ppbv #	90
15) Acetone	3.874	43	64844m	0.452	ppbv	
16) 1,3-Butadiene	3.333	39	50265m	0.482	ppbv	
17) tert-Butyl alcohol	4.311	59	69939m	0.474	ppbv	
18) 1,1-Dichloroethene	4.295	96	39016	0.498	ppbv	96
19) Isopropyl Alcohol	3.989	45	43073m	0.483	ppbv	
20) Methylene Chloride	4.346	84	45265m	0.625	ppbv	
21) Allyl Chloride	4.414	41	66135m	0.521	ppbv	
22) trans-1,2-Dichloroethene	4.883	96	42875m	0.544	ppbv	
23) Vinyl Acetate	5.089	43	96145m	0.448	ppbv	
24) 1,1-Dichloroethane	5.012	63	80535	0.515	ppbv #	93
25) Ethyl Acetate	5.687	43	194557m	0.484	ppbv	
26) Hexane	5.687	57	88267m	0.446	ppbv	
27) Carbon Disulfide	4.555	76	91054	0.519	ppbv #	93
28) Methyl tert-Butyl Ether	5.050	73	79373	0.481	ppbv	92
29) Chloroform	5.748	83	150141m	0.530	ppbv	
30) Cyclohexane	7.131	84	79491m	0.473	ppbv	
31) cis-1,2-Dichloroethene	5.546	61	77942m	0.433	ppbv	
32) 1,1,1-Trichloroethane	6.510	97	134998	0.503	ppbv	98
34) 2-Butanone	5.266	43	79394m	0.424	ppbv	
35) Carbon Tetrachloride	7.015	117	130052	0.494	ppbv	94
36) Benzene	6.890	78	171043	0.432	ppbv	97
37) 1,2-Dichloroethane	6.308	62	87072	0.467	ppbv	98
38) Trichloroethene	7.828	130	70866m	0.453	ppbv	
39) 1,2-Dichloropropane	7.613	63	65820	0.442	ppbv	97
40) 1,4-Dioxane	7.867	88	17570m	0.471	ppbv	
41) Tetrahydrofuran	6.079	42	30783m	0.336	ppbv	
42) Bromodichloromethane	7.787	83	127382	0.465	ppbv #	99
43) Methyl Methacrylate	8.018	69	45305m	0.350	ppbv	
44) 2,2,4-Trimethylpentane	7.870	57	293942m	0.442	ppbv	
45) t-1,3-Dichloropropene	9.282	75	30150m	0.339	ppbv	

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Instrument :
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Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/05/2021
 Supervised By : Mahesh Dadoda 11/10/2021

Quant Time: Nov 01 11:09:20 2021

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Nov 01 11:08:47 2021

QLast Update : Mon Nov 01 11:08:47 2021

Response via : Initial Calibration

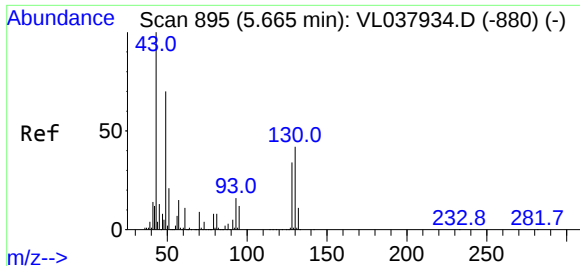
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.693	75	43391m	0.352	ppbv	
47) 1,1,2-Trichloroethane	9.465	97	81213m	0.501	ppbv	
48) Dibromochloromethane	10.295	129	101892m	0.441	ppbv	
49) Bromoform	13.034	173	74887m	0.424	ppbv	
50) 4-Methyl-2-Pentanone	8.767	43	87717m	0.360	ppbv	
51) 2-Hexanone	10.156	43	30274m	0.278	ppbv	
52) Tetrachloroethene	11.221	164	63837m	0.414	ppbv	
53) Toluene	9.806	91	147546	0.336	ppbv	100
54) 1,2-Dibromoethane	10.600	107	87230	0.399	ppbv	90
56) 1,1,1,2-Tetrachloroethane	12.118	131	89813m	0.534	ppbv	
57) Chlorobenzene	12.137	112	174901	0.525	ppbv #	91
58) Ethyl Benzene	12.709	91	196124	0.360	ppbv	98
59) m/p-Xylene	12.983	91	402600m	0.860	ppbv	
60) o-Xylene	13.687	91	176391	0.393	ppbv	97
61) Styrene	13.520	104	61200m	0.282	ppbv	
62) Isopropylbenzene	14.661	105	288060	0.460	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.671	83	169299	0.489	ppbv	92
64) n-propylbenzene	15.555	120	62686	0.402	ppbv #	61
65) tert-Butylbenzene	16.735	119	241840	0.439	ppbv	93
66) Benzyl Chloride	16.986	91	9816m	0.361	ppbv	
67) sec-Butylbenzene	17.285	105	342043	0.454	ppbv	96
69) p-Isopropyltoluene	17.645	119	236440	0.388	ppbv	95
70) n-Butylbenzene	18.542	91	238817m	0.413	ppbv	
71) 2-Chlorotoluene	15.445	91	187472	0.424	ppbv	98
72) 4-Ethyltoluene	15.831	105	195891	0.385	ppbv #	94
73) 1,3,5-Trimethylbenzene	15.992	105	193780	0.419	ppbv	98
74) 1,2,4-Trimethylbenzene	16.748	105	221006	0.455	ppbv #	85
75) 1,3-Dichlorobenzene	16.986	146	153370m	0.509	ppbv	
76) 1,4-Dichlorobenzene	17.134	146	144011m	0.501	ppbv	
77) 1,2-Dichlorobenzene	17.805	146	142123m	0.491	ppbv	
78) Hexachloro-1,3-Butadiene	23.358	225	136472m	0.578	ppbv	
79) Naphthalene	22.188	128	78381m	0.263	ppbv	
80) Naphthalene,2-methyl-	24.982	142	11346m	0.142	ppbv	
81) 1,2,4-Trichlorobenzene	21.921	180	71169m	0.374	ppbv	

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

Manual Integrations APPROVED

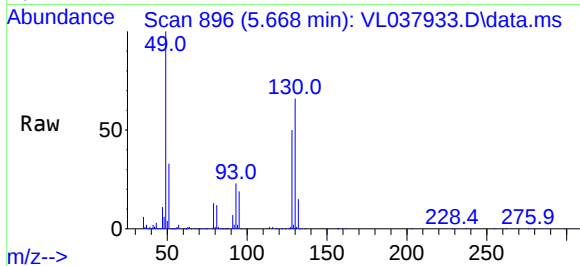
Quant Time: Nov 01 11:09:20 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Nov
QLast Update : Mon Nov 01 11:08:47 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.668 min Scan# 895
Delta R.T. 0.003 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

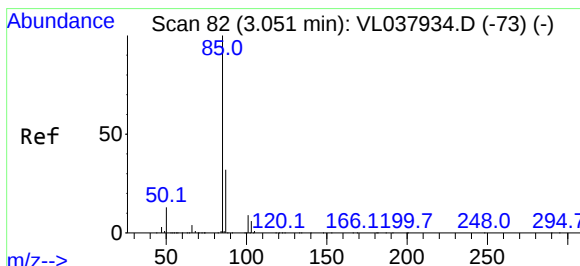
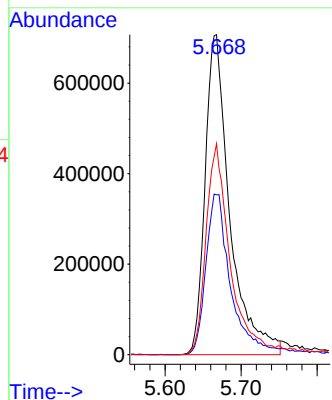
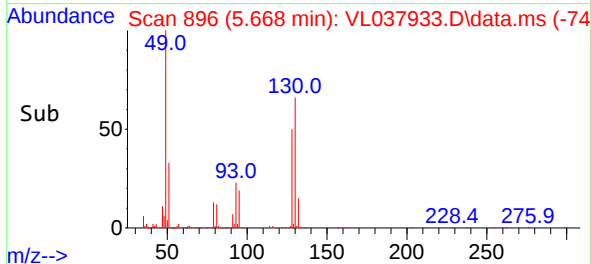
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 49 Resp: 1597000
Ion Ratio Lower Upper
49 100
128 52.6 27.0 81.0
130 67.1 33.4 100.2

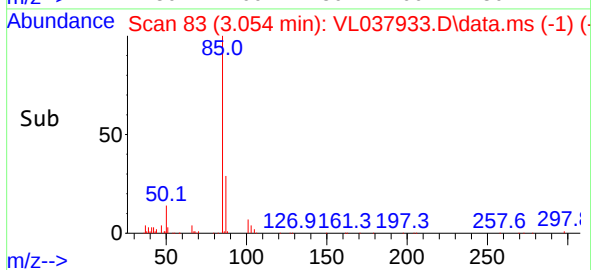
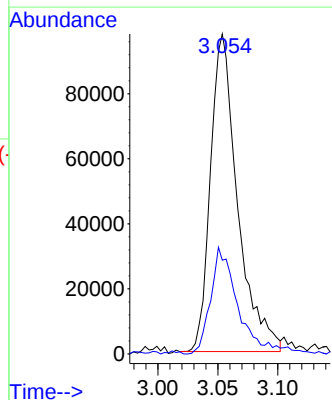
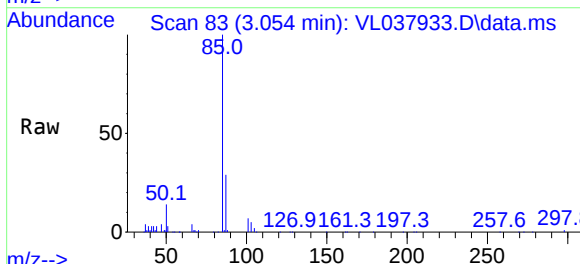
Manual Integrations
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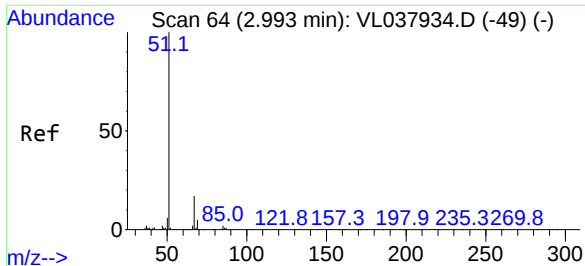
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#2
Dichlorodifluoromethane
Concen: 0.601 ppbv
RT: 3.054 min Scan# 83
Delta R.T. 0.003 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Tgt Ion: 85 Resp: 153356
Ion Ratio Lower Upper
85 100
87 28.9 25.3 37.9





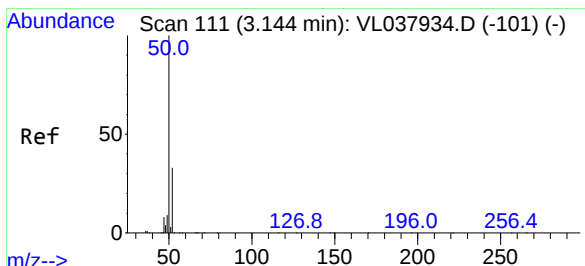
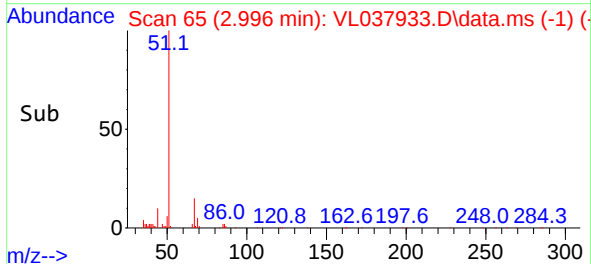
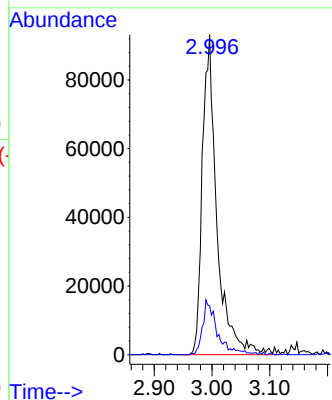
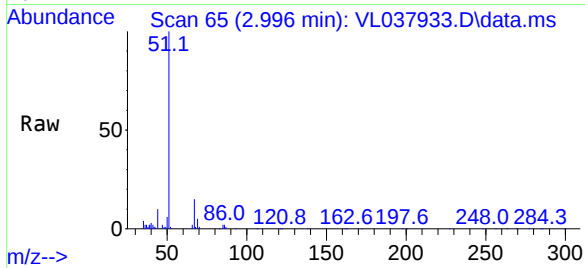
#3
Chlorodifluoromethane
Concen: 0.533 ppbv
RT: 2.996 min Scan# 61
Delta R.T. 0.003 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 51 Resp: 16368
Ion Ratio Lower Upper
51 100
67 17.2 13.4 20.0

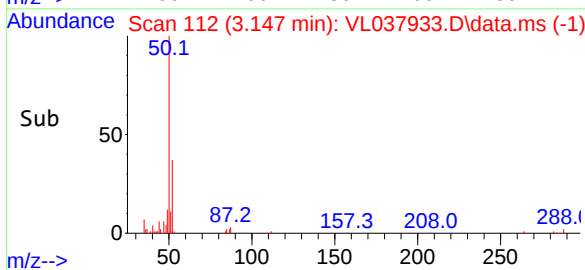
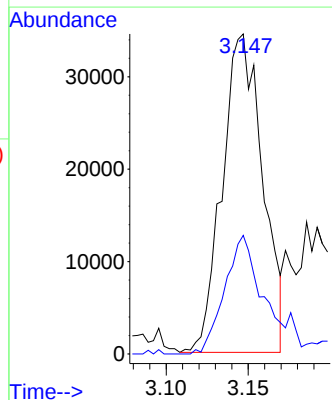
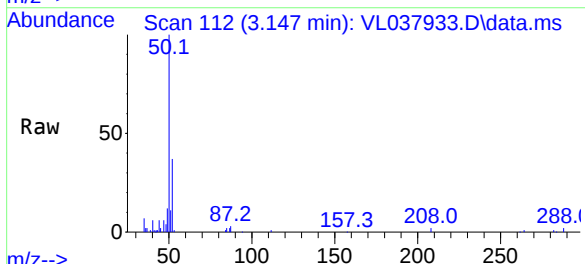
Manual Integrations
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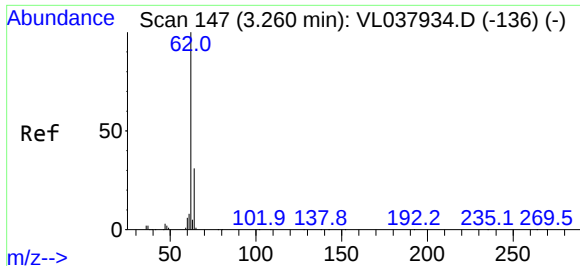
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#4
Chloromethane
Concen: 0.525 ppbv
RT: 3.147 min Scan# 112
Delta R.T. 0.003 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Tgt Ion: 50 Resp: 58989
Ion Ratio Lower Upper
50 100
52 37.2 26.3 39.5





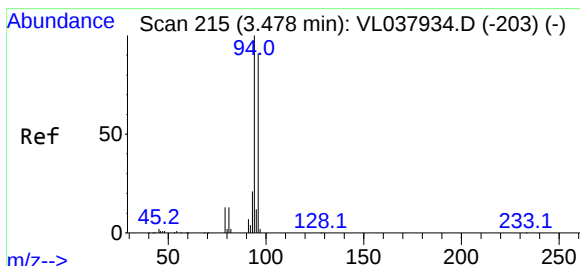
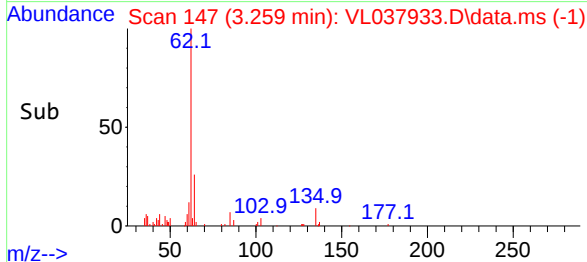
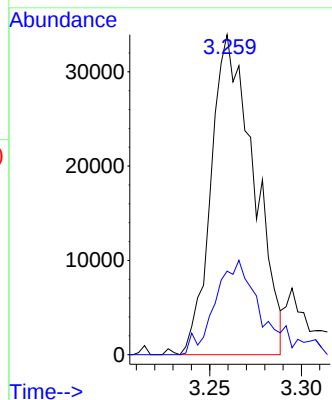
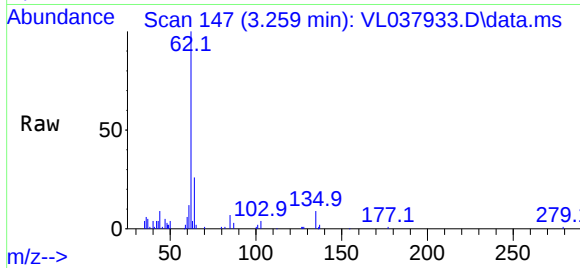
#5
 Vinyl Chloride
 Concen: 0.534 ppbv
 RT: 3.259 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VL037933.D
 Acq: 1 Nov 2021 8:44

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 62 Resp: 55014
 Ion Ratio Lower Upper
 62 100
 64 26.1 24.7 37.1

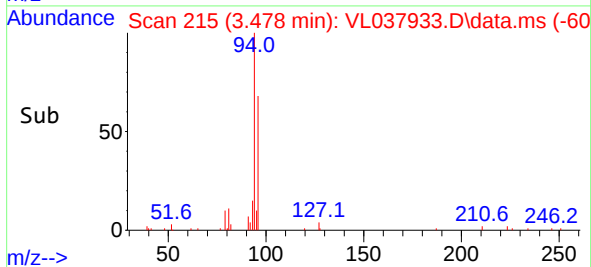
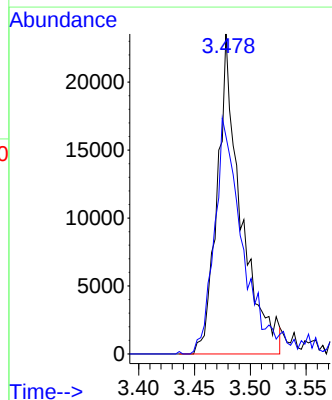
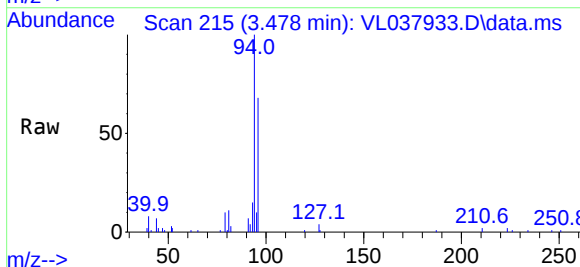
Manual Integrations
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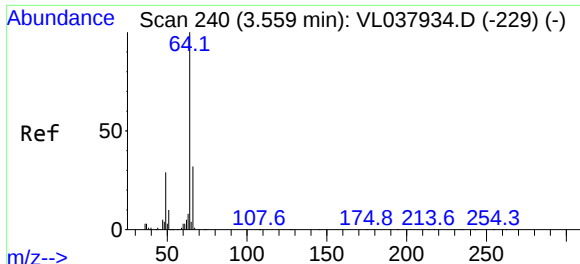
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#6
 Bromomethane
 Concen: 0.620 ppbv m
 RT: 3.478 min Scan# 215
 Delta R.T. -0.000 min
 Lab File: VL037933.D
 Acq: 1 Nov 2021 8:44

Tgt Ion: 94 Resp: 34548
 Ion Ratio Lower Upper
 94 100
 96 68.0 73.0 109.4#





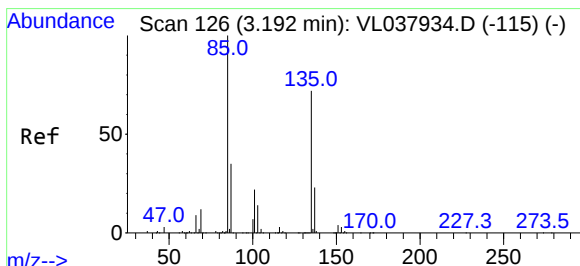
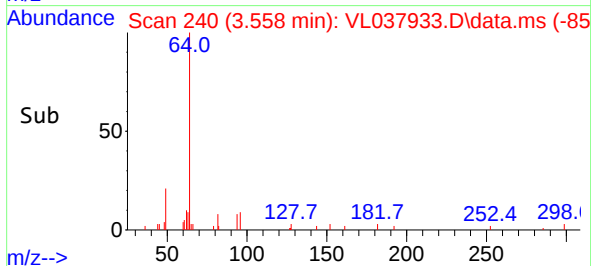
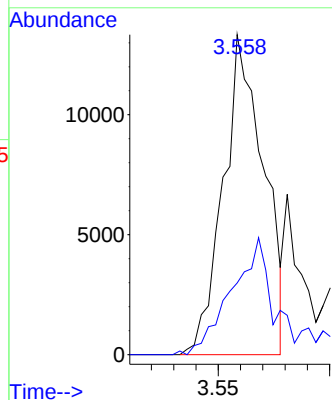
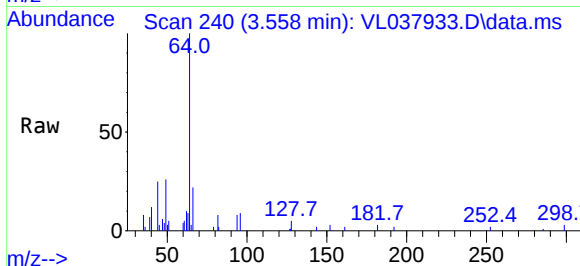
#7
Chloroethane
Concen: 0.443 ppbv
RT: 3.558 min Scan# 240
Delta R.T. -0.000 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 64 Resp: 16780
Ion Ratio Lower Upper
64 100
66 22.4 25.5 38.3

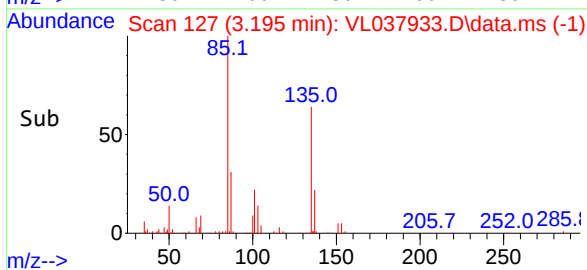
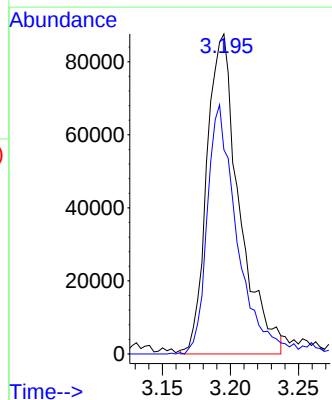
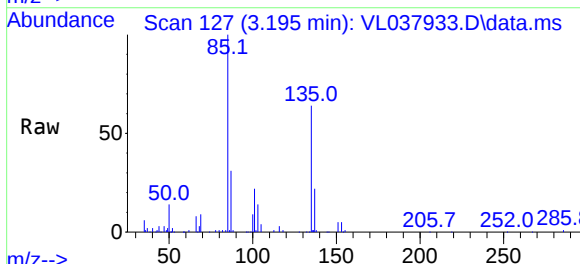
Manual Integrations
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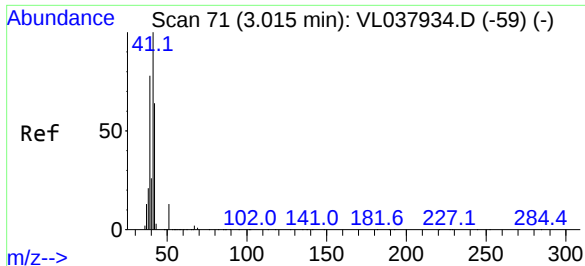
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#8
Dichlorotetrafluoroethane
Concen: 0.574 ppbv m
RT: 3.195 min Scan# 127
Delta R.T. 0.003 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

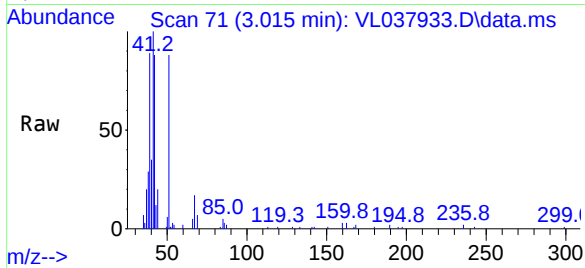
Tgt Ion: 85 Resp: 144792
Ion Ratio Lower Upper
85 100
135 75.2 58.8 88.2





#9
Propene
Concen: 0.365 ppbv
RT: 3.015 min Scan# 71
Delta R.T. -0.000 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

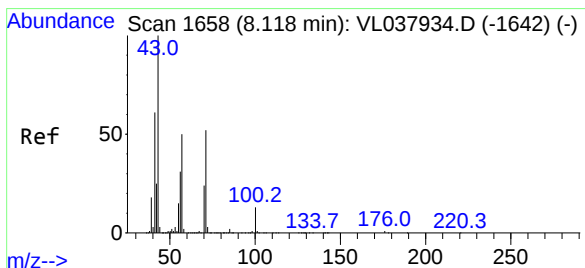
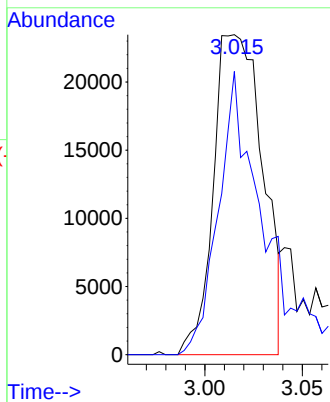
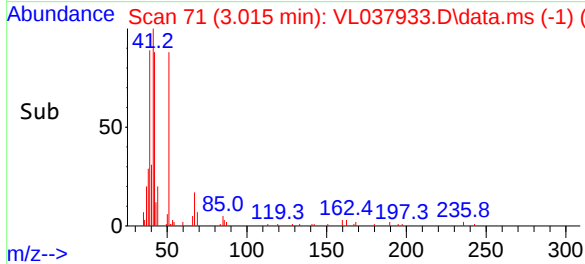
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



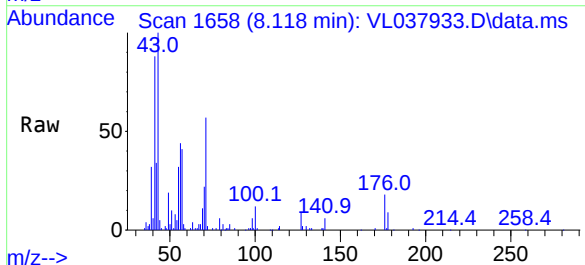
Tgt Ion: 41 Resp: 41172
Ion Ratio Lower Upper
41 100
42 85.6 57.6 86.4

Manual Integrations
APPROVED

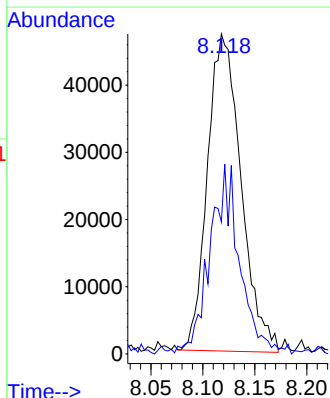
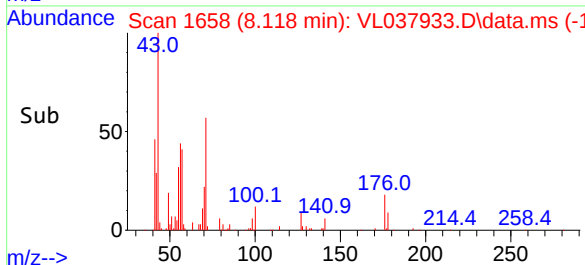
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

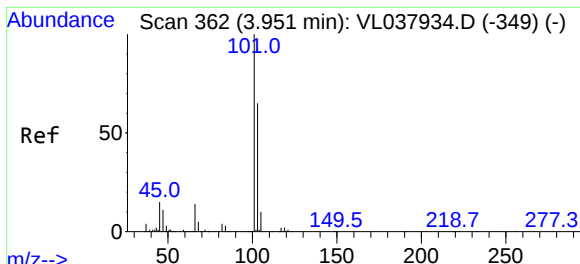


#10
Heptane
Concen: 0.414 ppbv
RT: 8.118 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44



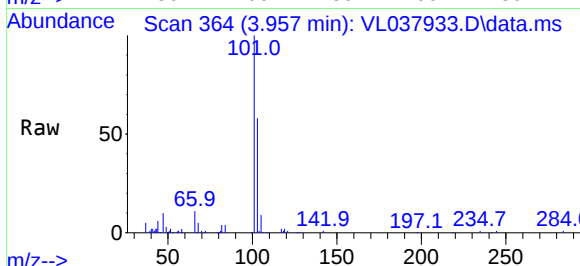
Tgt Ion: 43 Resp: 106180
Ion Ratio Lower Upper
43 100
57 49.1 39.8 59.8





#11
Trichlorofluoromethane
Concen: 0.528 ppbv
RT: 3.957 min Scan# 30
Delta R.T. 0.006 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

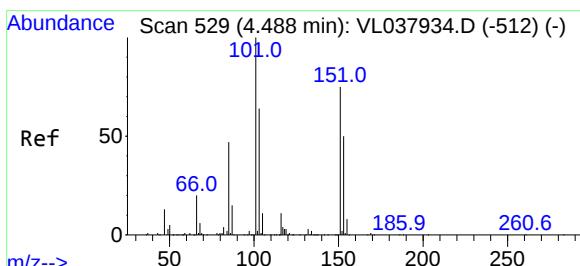
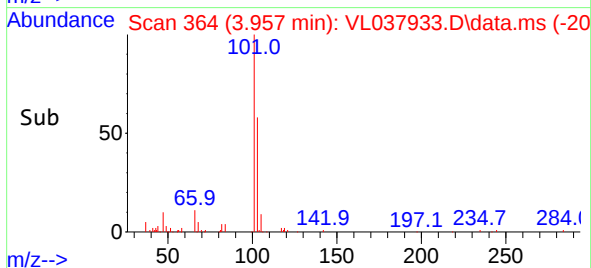
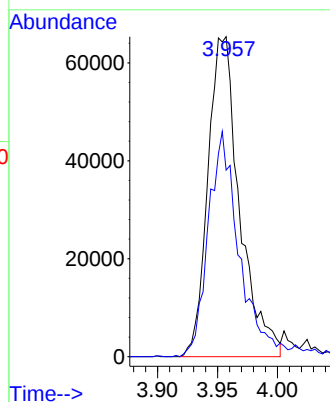
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion:101 Resp: 120249
Ion Ratio Lower Upper
101 100
103 58.3 52.0 78.0

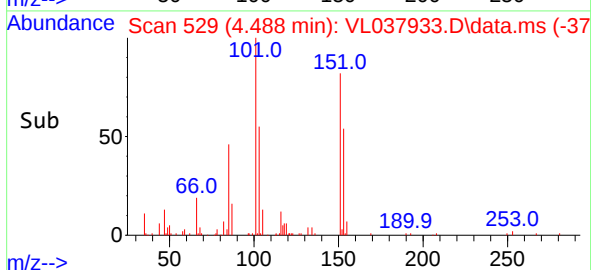
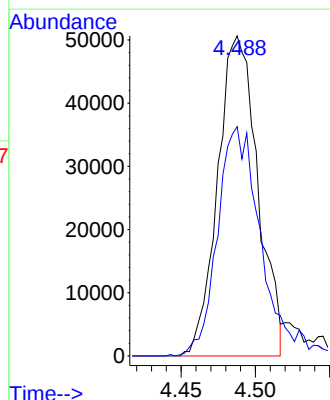
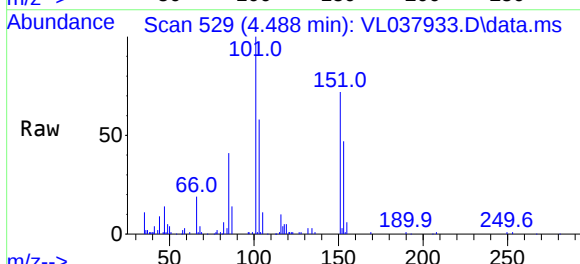
Manual Integrations
APPROVED

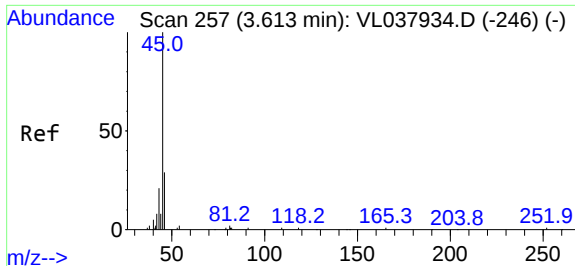
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.551 ppbv
RT: 4.488 min Scan# 529
Delta R.T. -0.000 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

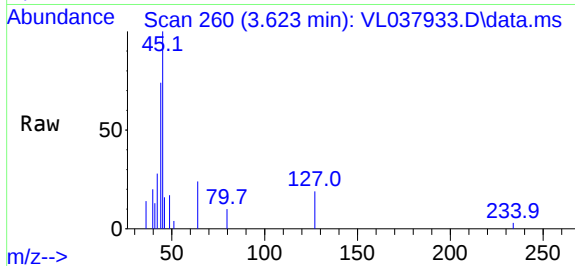
Tgt Ion:101 Resp: 94953
Ion Ratio Lower Upper
101 100
151 78.6 61.8 92.8





#13
Ethanol
Concen: 0.655 ppbv
RT: 3.623 min Scan# 257
Delta R.T. 0.010 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

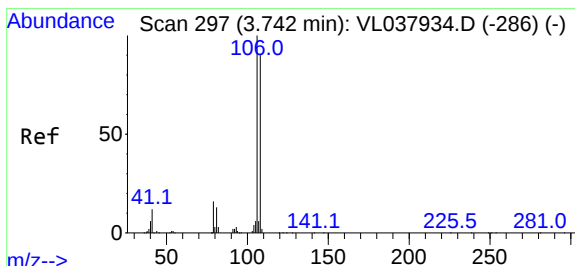
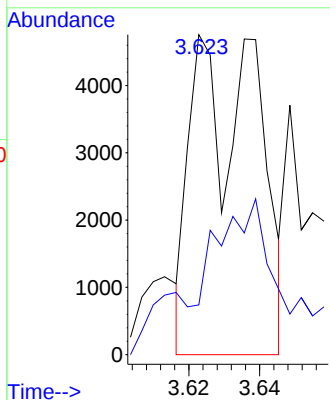
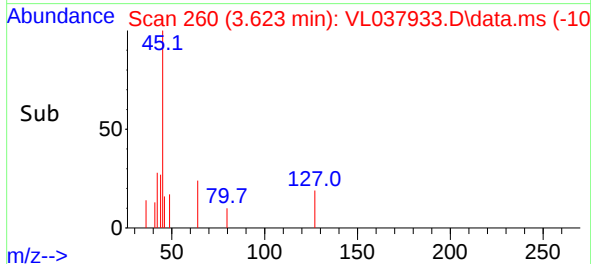
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 45 Resp: 604
Ion Ratio Lower Upper
45 100
46 0.0 17.4 69.8

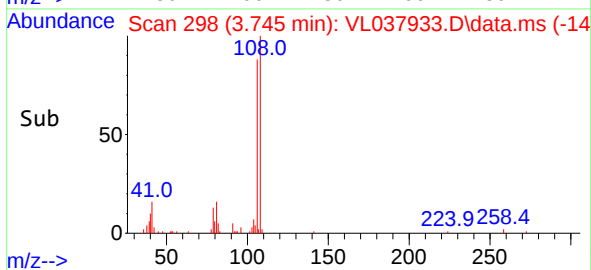
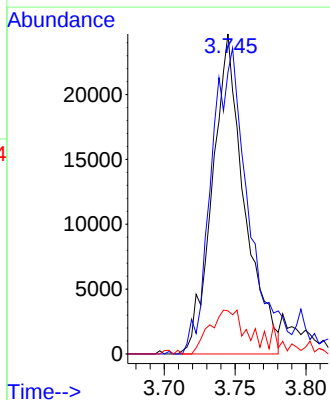
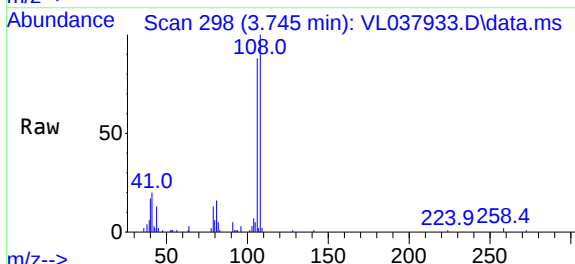
Manual Integrations
APPROVED

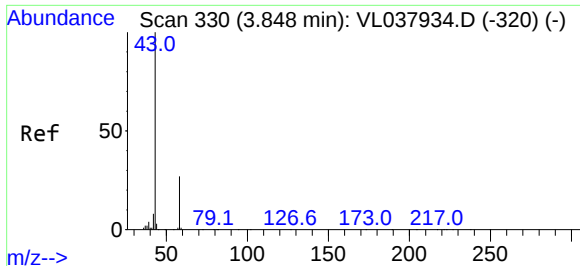
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#14
Bromoethene
Concen: 0.511 ppbv
RT: 3.745 min Scan# 298
Delta R.T. 0.003 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Tgt Ion:108 Resp: 38719
Ion Ratio Lower Upper
108 100
106 120.2 88.4 132.6
79 21.5 12.4 18.6





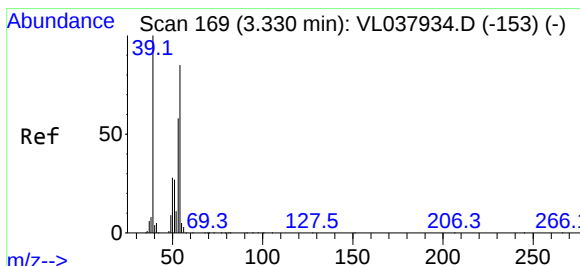
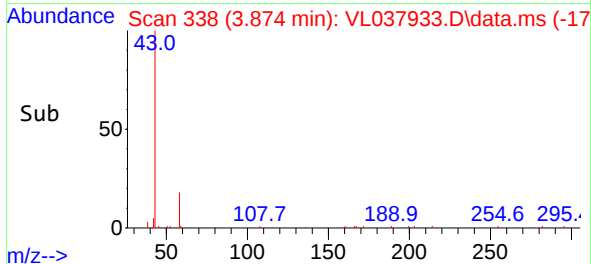
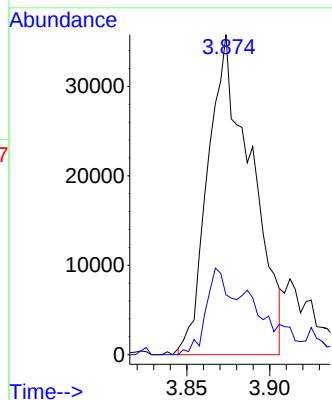
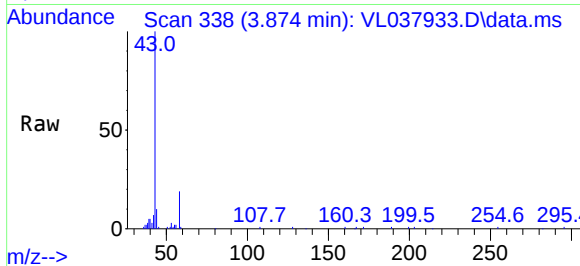
#15
Acetone
Concen: 0.452 ppbv m
RT: 3.874 min Scan# 31
Delta R.T. 0.026 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 6484
Ion Ratio Lower Upper
43 100
58 33.4 23.3 34.9

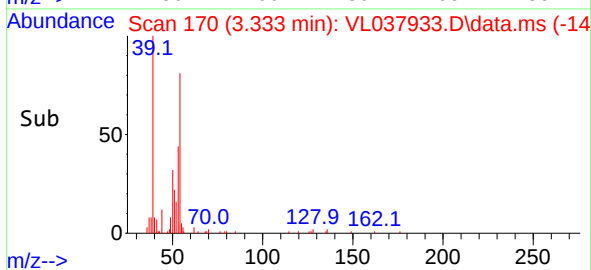
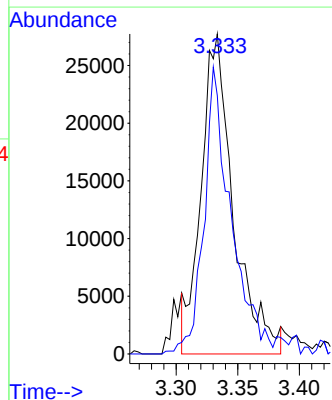
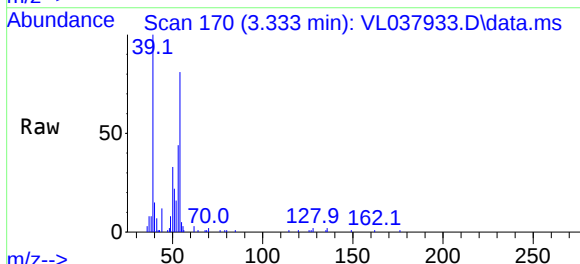
Manual Integrations
APPROVED

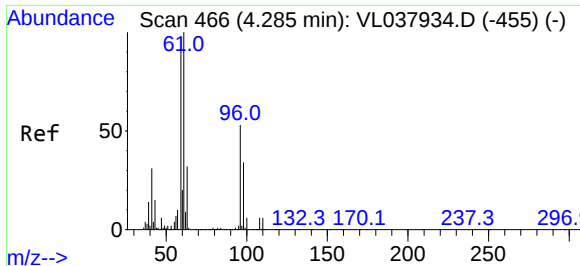
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#16
1,3-Butadiene
Concen: 0.482 ppbv m
RT: 3.333 min Scan# 170
Delta R.T. 0.003 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Tgt Ion: 39 Resp: 50265
Ion Ratio Lower Upper
39 100
54 78.4 62.6 93.8





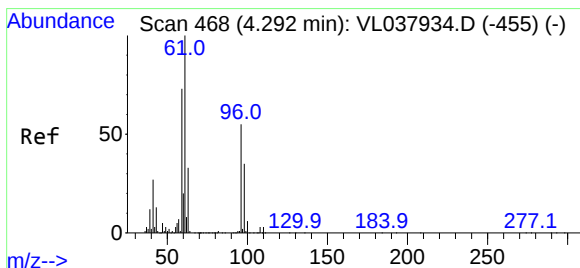
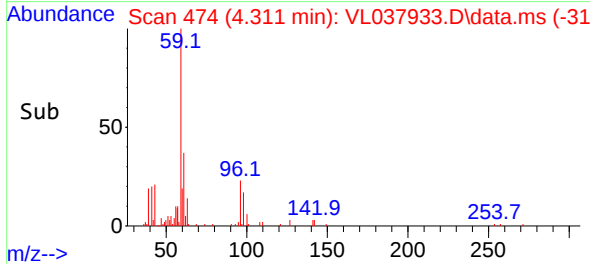
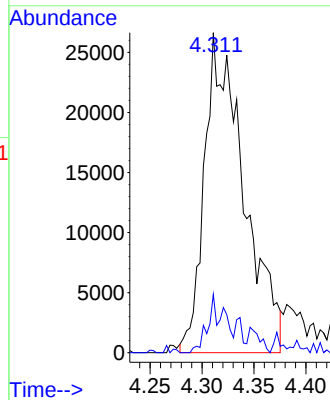
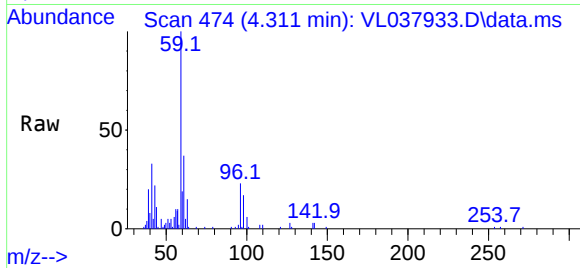
#17
tert-Butyl alcohol
Concen: 0.474 ppbv
RT: 4.311 min Scan# 41
Delta R.T. 0.026 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 59 Resp: 69939
Ion Ratio Lower Upper
59 100
57 11.8 8.9 13.3

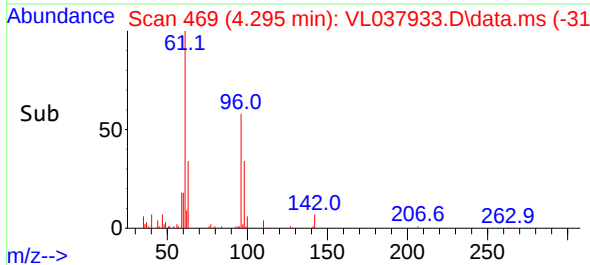
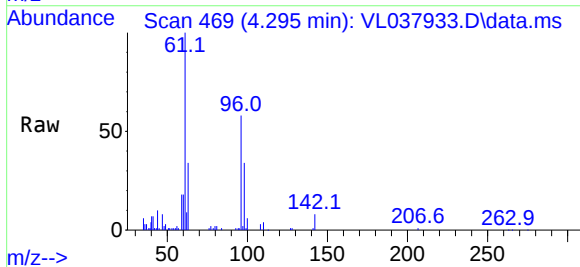
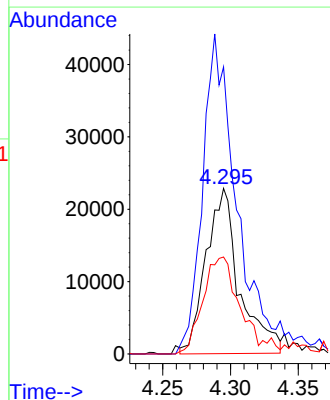
Manual Integrations
APPROVED

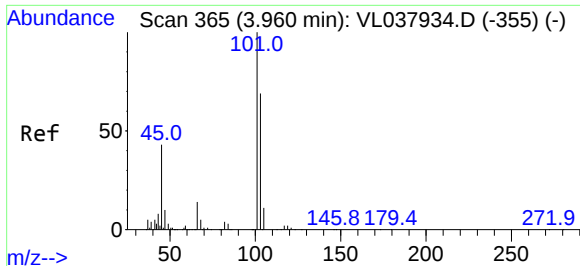
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#18
1,1-Dichloroethene
Concen: 0.498 ppbv
RT: 4.295 min Scan# 469
Delta R.T. 0.003 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Tgt Ion: 96 Resp: 39016
Ion Ratio Lower Upper
96 100
61 174.5 144.3 216.5
98 59.3 50.5 75.7





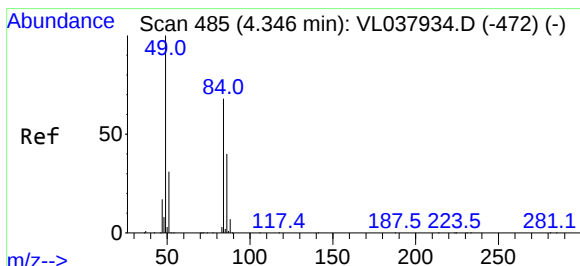
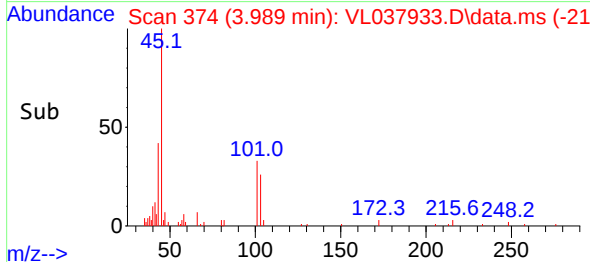
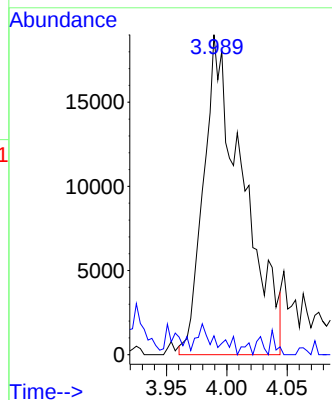
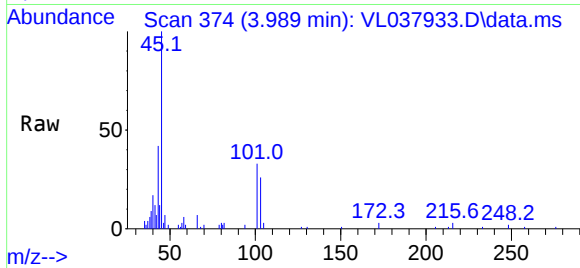
#19
Isopropyl Alcohol
Concen: 0.483 ppbv m
RT: 3.989 min Scan# 31
Delta R.T. 0.029 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 45 Resp: 4307
Ion Ratio Lower Upper
45 100
58 8.5 4.0 6.0

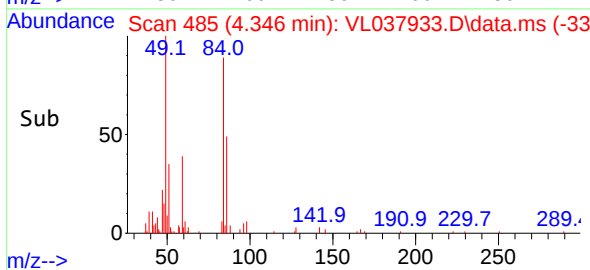
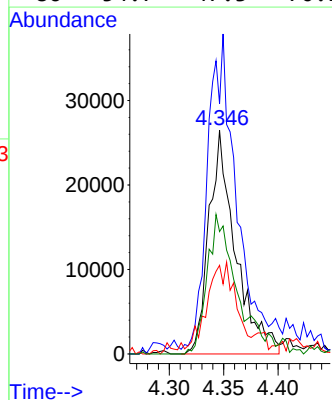
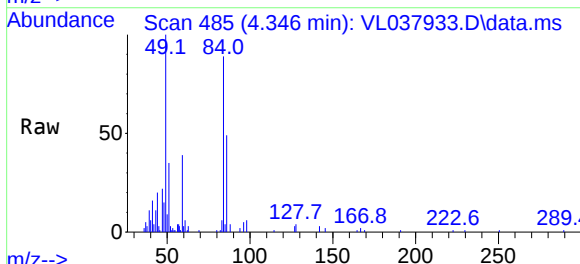
Manual Integrations
APPROVED

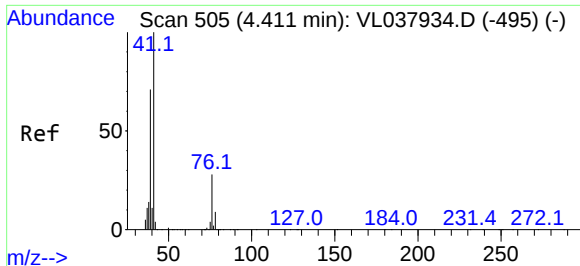
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#20
Methylene Chloride
Concen: 0.625 ppbv m
RT: 4.346 min Scan# 485
Delta R.T. -0.000 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Tgt Ion: 84 Resp: 45265
Ion Ratio Lower Upper
84 100
49 111.9 117.5 176.3#
51 39.6 35.9 53.9
86 54.7 47.3 70.9





#21
 Allyl Chloride
 Concen: 0.521 ppbv m
 RT: 4.414 min Scan# 505
 Delta R.T. 0.003 min
 Lab File: VL037933.D
 Acq: 1 Nov 2021 8:44

Instrument :

MSVOA_L

ClientSampleId :

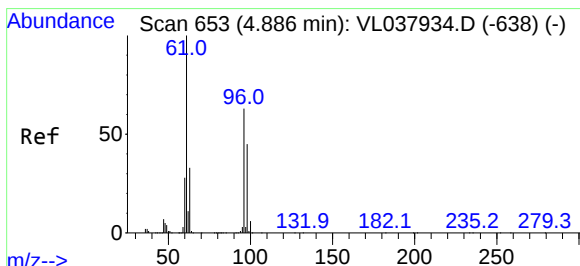
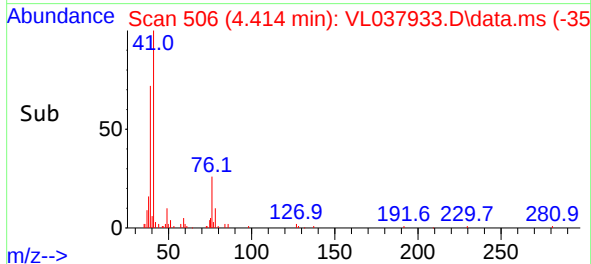
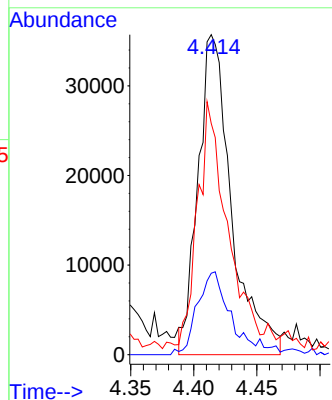
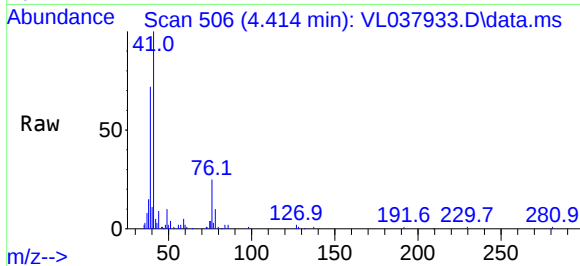
VSTDICC0.5

Tgt Ion: 41 Resp: 66135
 Ion Ratio Lower Upper
 41 100
 76 27.3 23.6 35.4
 39 83.3 59.7 89.5

Manual Integrations

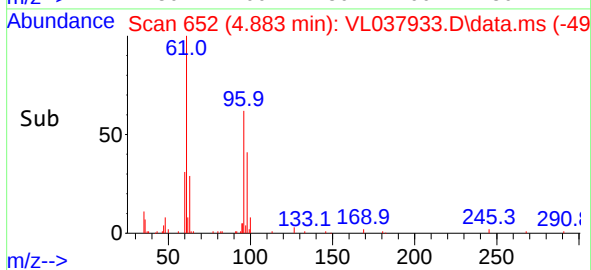
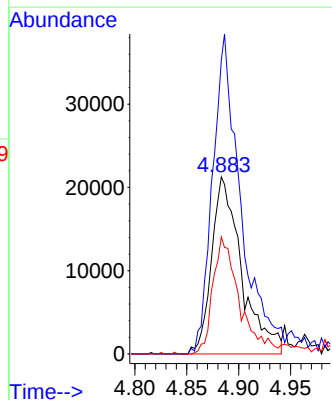
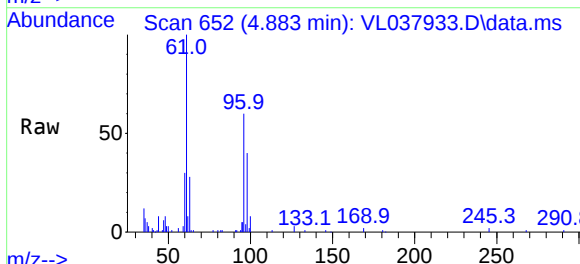
APPROVED

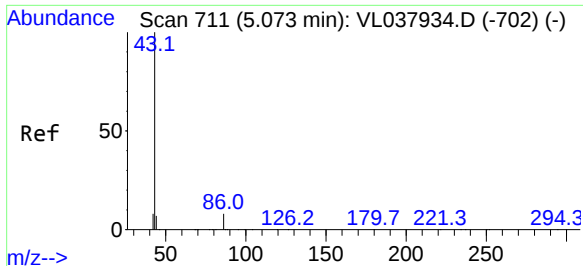
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#22
 trans-1,2-Dichloroethene
 Concen: 0.544 ppbv m
 RT: 4.883 min Scan# 652
 Delta R.T. -0.003 min
 Lab File: VL037933.D
 Acq: 1 Nov 2021 8:44

Tgt Ion: 96 Resp: 42875
 Ion Ratio Lower Upper
 96 100
 61 165.9 127.8 191.6
 98 66.0 56.9 85.3





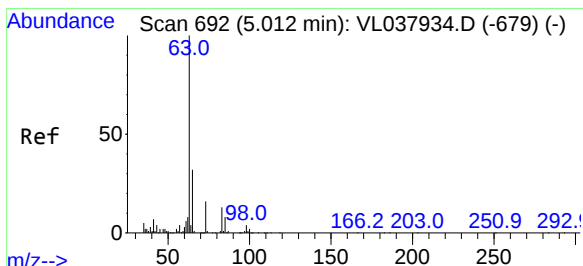
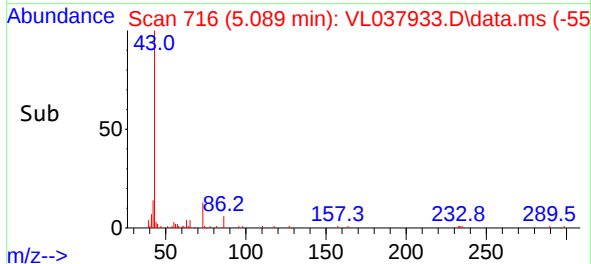
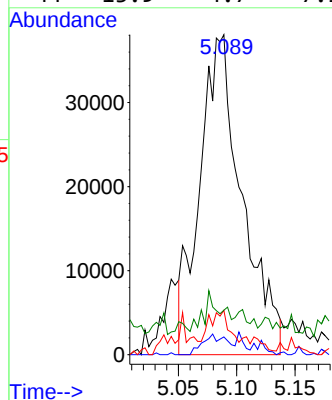
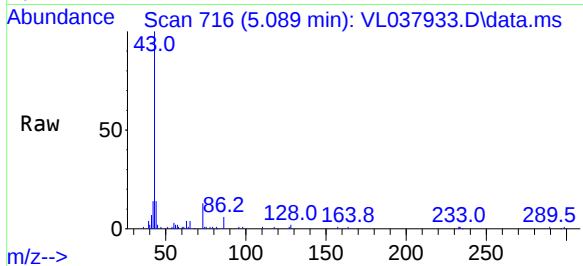
#23
 Vinyl Acetate
 Concen: 0.448 ppbv m
 RT: 5.089 min Scan# 711
 Delta R.T. 0.016 min
 Lab File: VL037933.D
 Acq: 1 Nov 2021 8:44

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 43 Resp: 9614
 Ion Ratio Lower Upper
 43 100
 86 5.6 5.5 8.3
 42 13.9 7.4 11.2
 44 13.9 4.7 7.1#

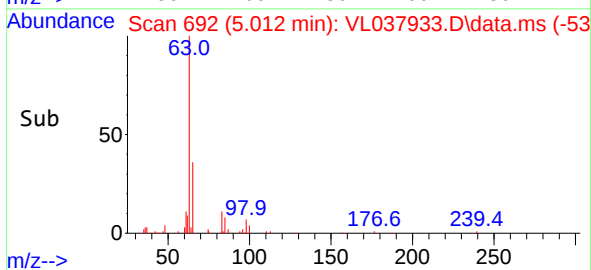
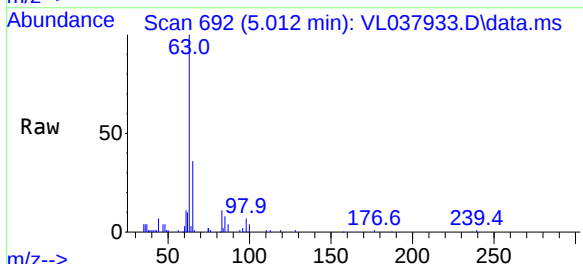
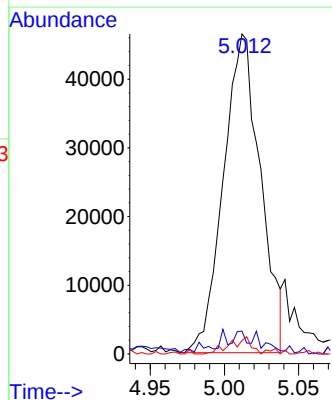
Manual Integrations
 APPROVED

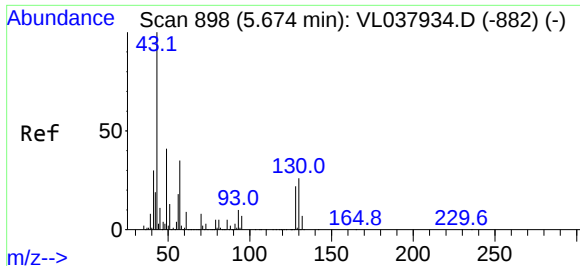
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#24
 1,1-Dichloroethane
 Concen: 0.515 ppbv
 RT: 5.012 min Scan# 692
 Delta R.T. -0.000 min
 Lab File: VL037933.D
 Acq: 1 Nov 2021 8:44

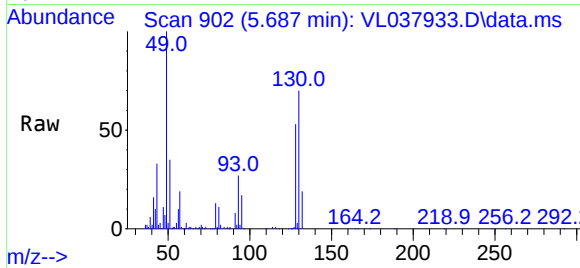
Tgt Ion: 63 Resp: 80535
 Ion Ratio Lower Upper
 63 100
 98 7.1 2.3 6.9#
 100 4.2 1.2 3.6#





#25
Ethyl Acetate
Concen: 0.484 ppbv m
RT: 5.687 min Scan# 902
Delta R.T. 0.013 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

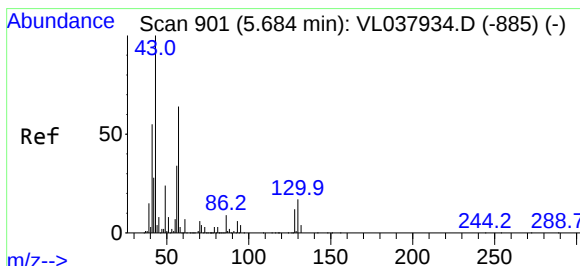
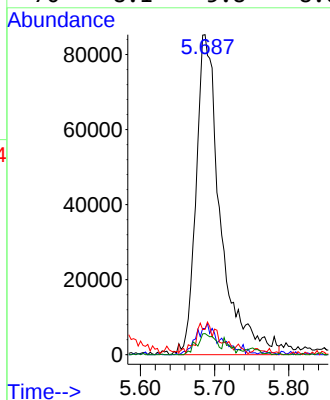
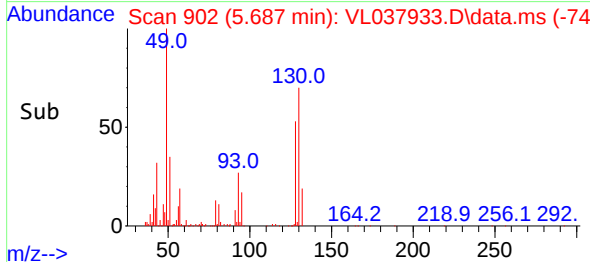
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



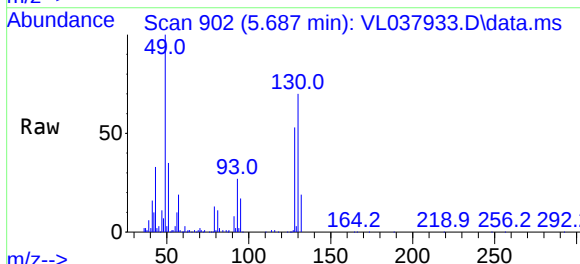
Tgt Ion: 43 Resp: 19455
Ion Ratio Lower Upper
43 100
45 10.4 8.1 12.1
61 11.3 8.1 12.1
70 8.1 5.8 8.6

Manual Integrations
APPROVED

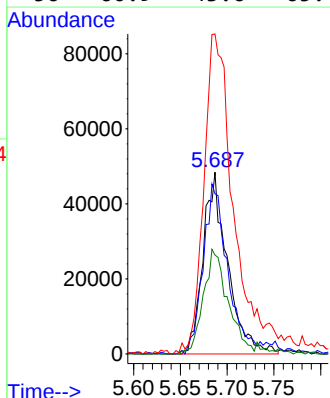
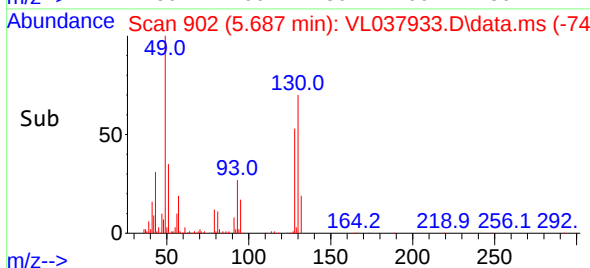
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

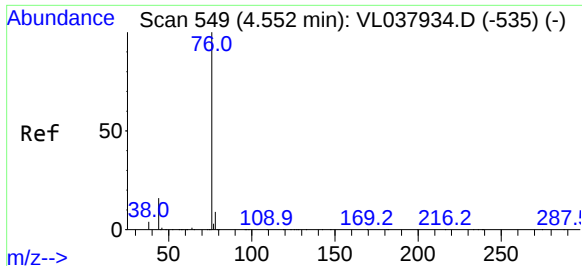


#26
Hexane
Concen: 0.446 ppbv m
RT: 5.687 min Scan# 902
Delta R.T. 0.003 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44



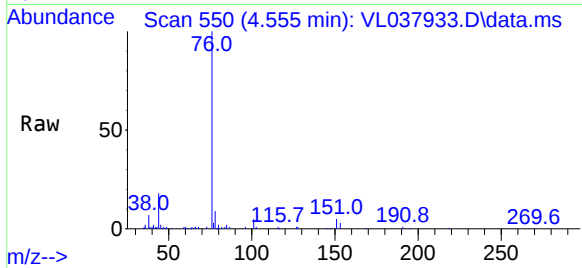
Tgt Ion: 57 Resp: 88267
Ion Ratio Lower Upper
57 100
41 100.0 71.0 106.6
43 230.4 173.0 259.6
56 60.9 43.6 65.4





#27
Carbon Disulfide
Concen: 0.519 ppbv
RT: 4.555 min Scan# 510
Delta R.T. 0.003 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

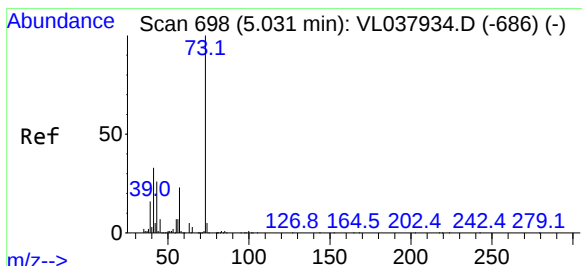
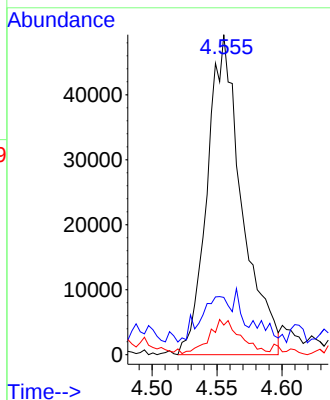
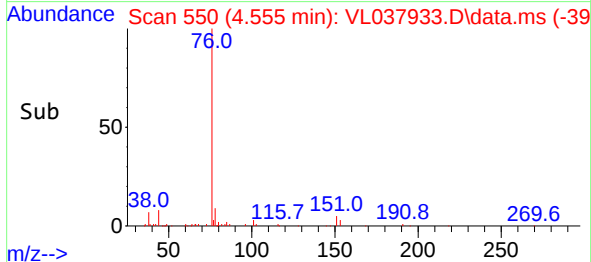
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



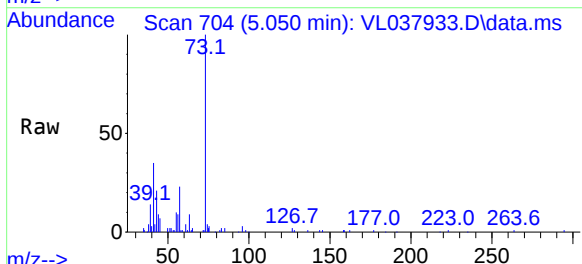
Tgt Ion: 76 Resp: 91054
Ion Ratio Lower Upper
76 100
44 19.3 13.2 19.8
78 12.0 7.2 10.8

Manual Integrations
APPROVED

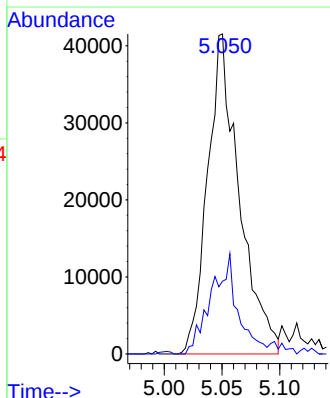
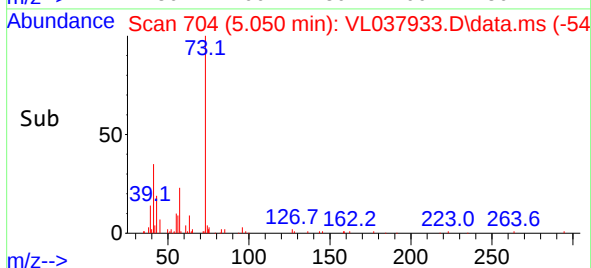
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

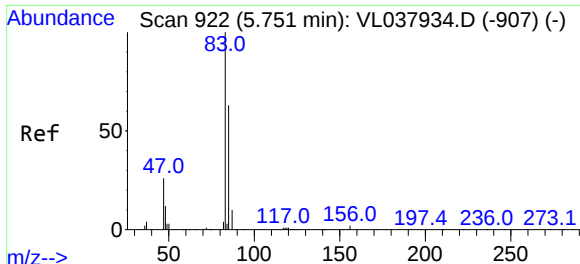


#28
Methyl tert-Butyl Ether
Concen: 0.481 ppbv
RT: 5.050 min Scan# 704
Delta R.T. 0.019 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44



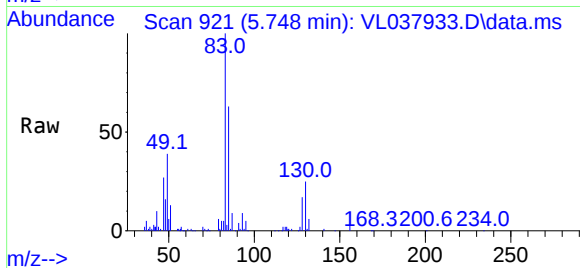
Tgt Ion: 73 Resp: 79373
Ion Ratio Lower Upper
73 100
57 29.0 20.1 30.1





#29
Chloroform
Concen: 0.530 ppbv m
RT: 5.748 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

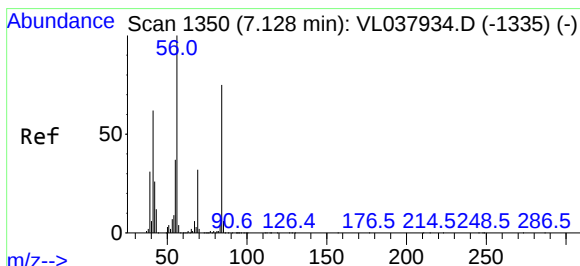
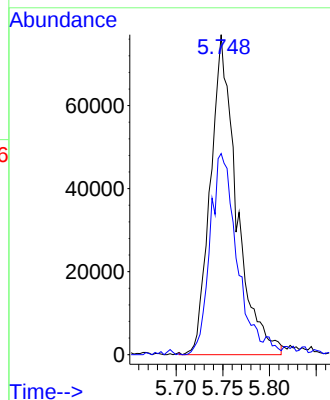
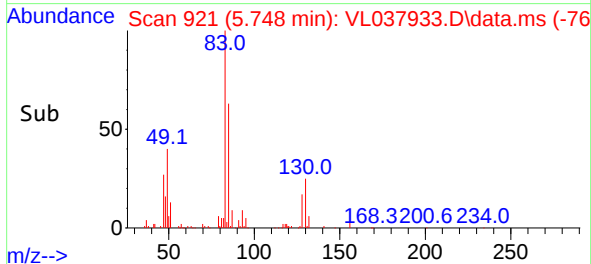
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



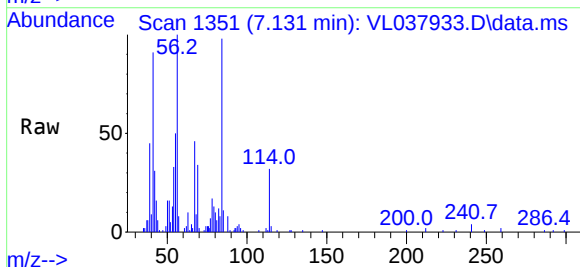
Tgt Ion: 83 Resp: 15014
Ion Ratio Lower Upper
83 100
85 62.8 50.6 76.0

Manual Integrations
APPROVED

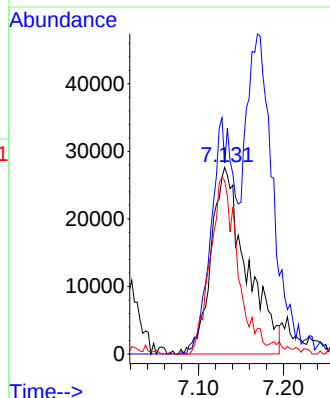
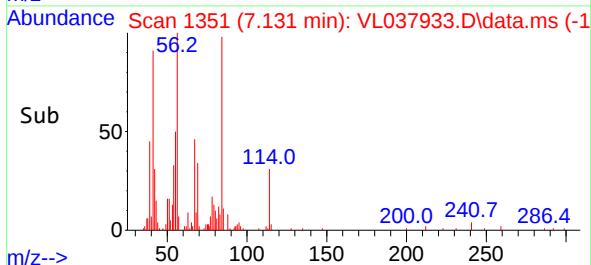
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

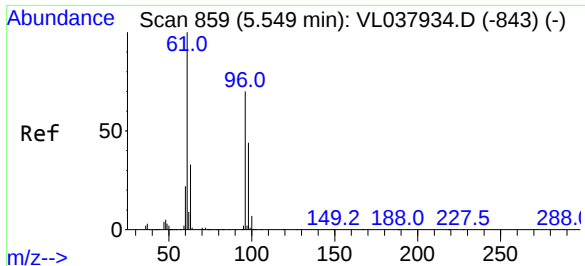


#30
Cyclohexane
Concen: 0.473 ppbv m
RT: 7.131 min Scan# 1351
Delta R.T. 0.003 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44



Tgt Ion: 84 Resp: 79491
Ion Ratio Lower Upper
84 100
56 78.1 114.0 171.0#
41 78.1 68.3 102.5





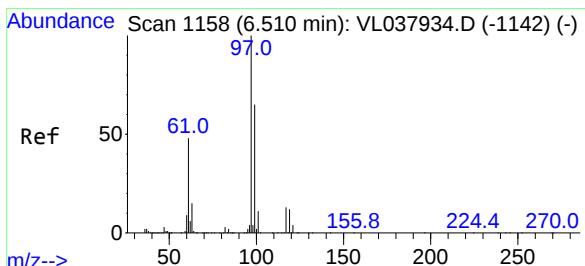
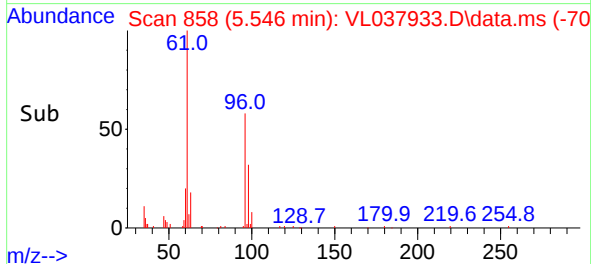
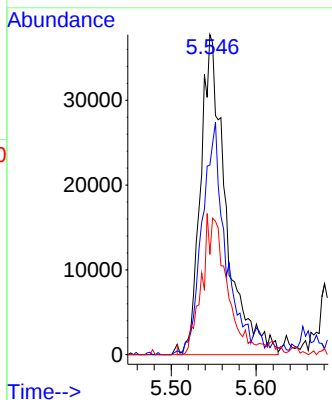
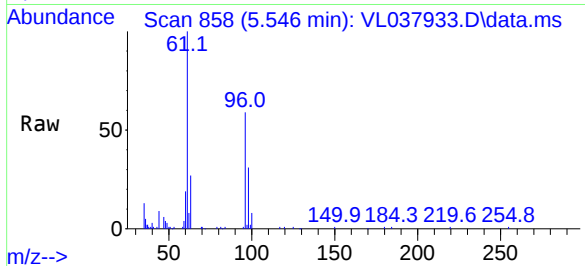
#31
cis-1,2-Dichloroethene
Concen: 0.433 ppbv m
RT: 5.546 min Scan# 859
Delta R.T. -0.003 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 61 Resp: 7794
Ion Ratio Lower Upper
61 100
96 59.2 55.6 83.4
98 31.3 34.9 52.3

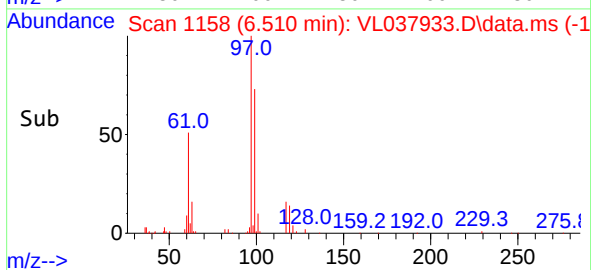
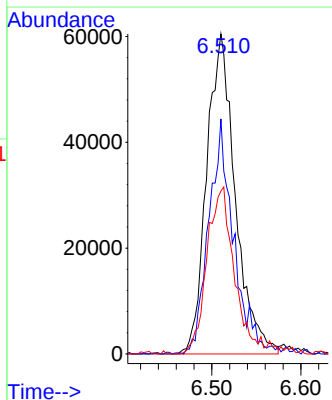
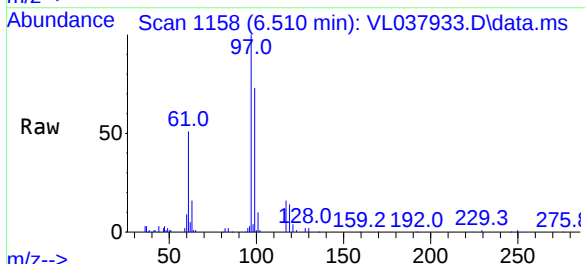
Manual Integrations
APPROVED

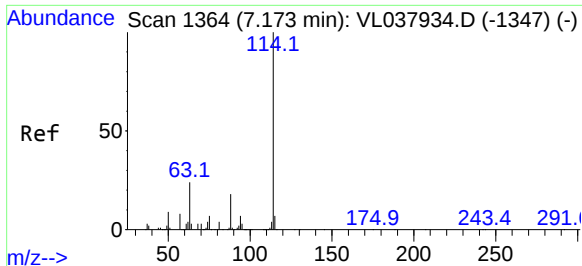
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#32
1,1,1-Trichloroethane
Concen: 0.503 ppbv
RT: 6.510 min Scan# 1158
Delta R.T. -0.000 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

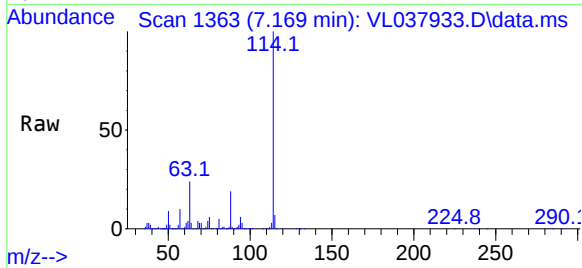
Tgt Ion: 97 Resp: 134998
Ion Ratio Lower Upper
97 100
99 64.7 52.2 78.4
61 51.5 39.8 59.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 114
Delta R.T. -0.003 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

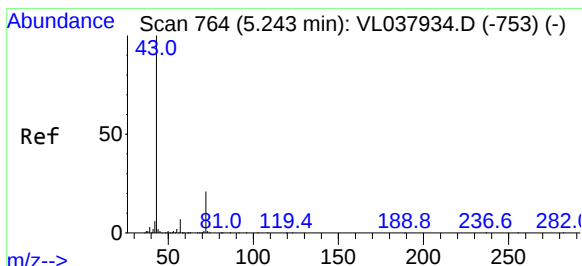
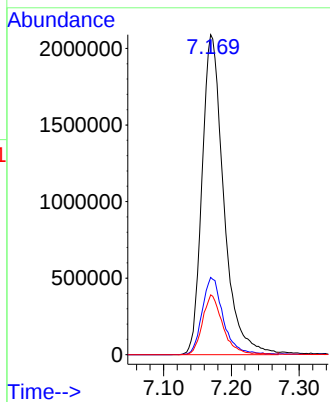
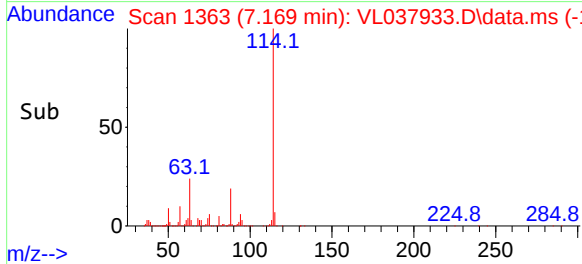
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



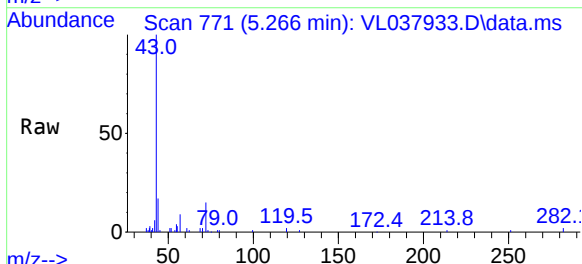
Tgt Ion:114 Resp: 4637690
Ion Ratio Lower Upper
114 100
63 23.9 19.4 29.0
88 17.9 14.2 21.4

Manual Integrations
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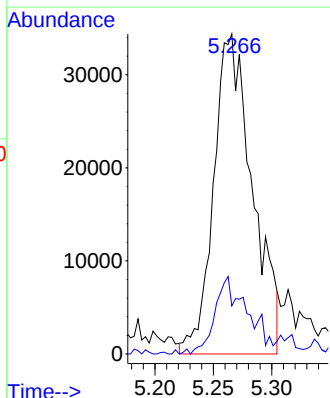
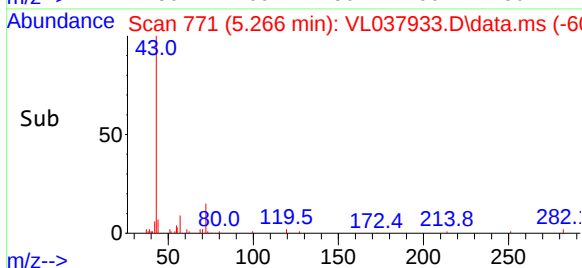
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

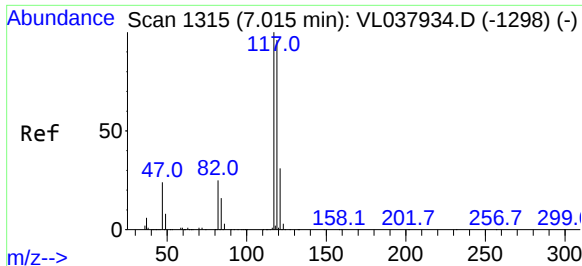


#34
2-Butanone
Concen: 0.424 ppbv m
RT: 5.266 min Scan# 771
Delta R.T. 0.022 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44



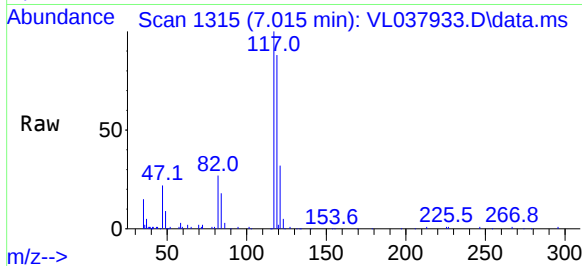
Tgt Ion: 43 Resp: 79394
Ion Ratio Lower Upper
43 100
72 23.1 18.3 27.5





#35
Carbon Tetrachloride
Concen: 0.494 ppbv
RT: 7.015 min Scan# 117
Delta R.T. -0.000 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

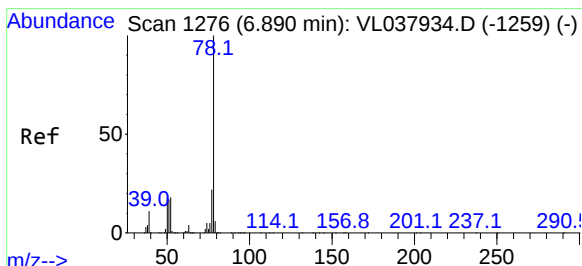
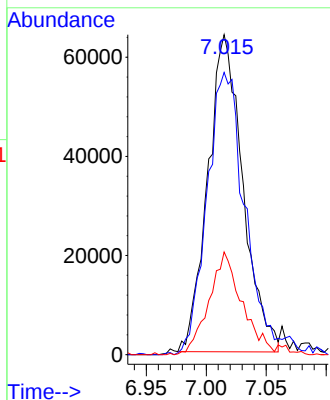
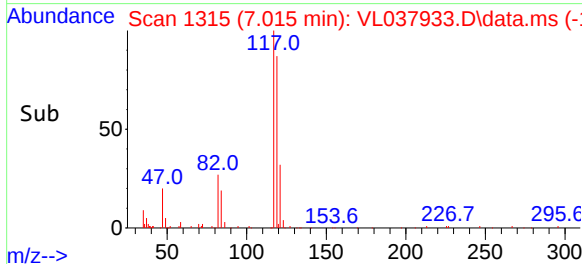
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



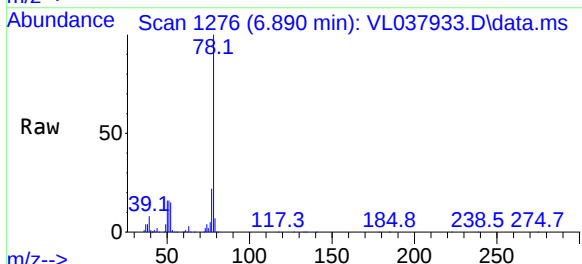
Tgt Ion: 117 Resp: 130052
Ion Ratio Lower Upper
117 100
119 88.4 76.6 114.8
121 32.2 25.1 37.7

Manual Integrations
APPROVED

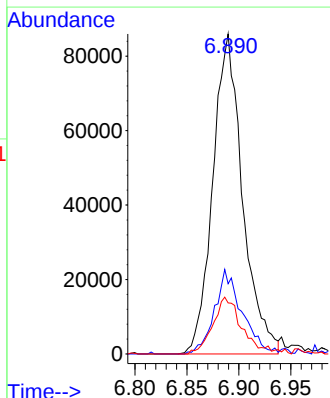
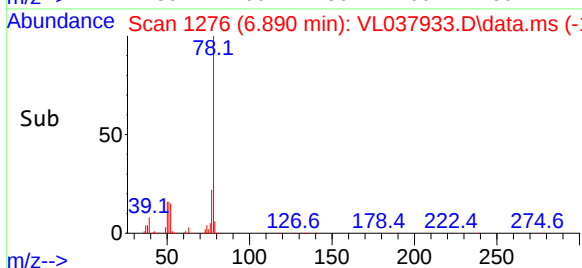
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

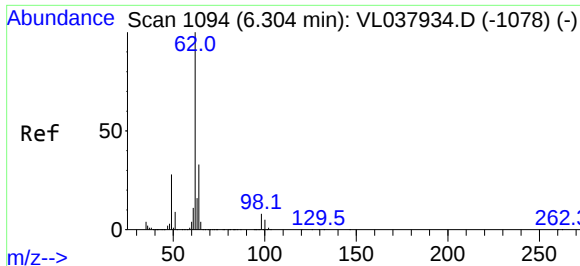


#36
Benzene
Concen: 0.432 ppbv
RT: 6.890 min Scan# 1276
Delta R.T. -0.000 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44



Tgt Ion: 78 Resp: 171043
Ion Ratio Lower Upper
78 100
77 22.0 17.9 26.9
50 16.0 14.4 21.6





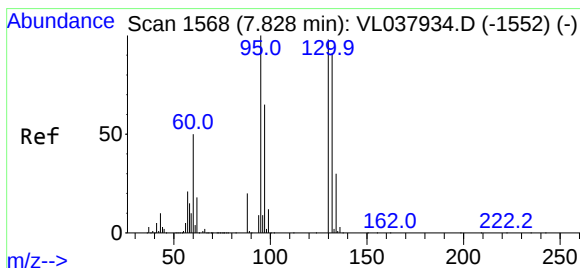
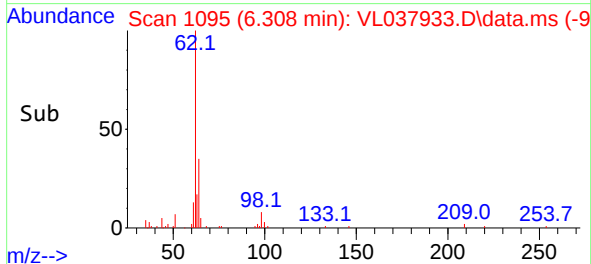
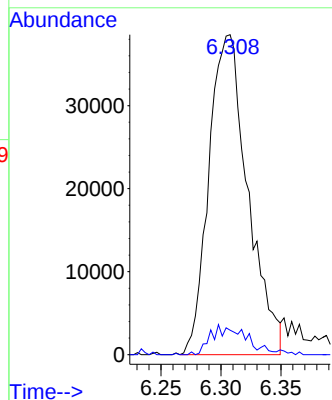
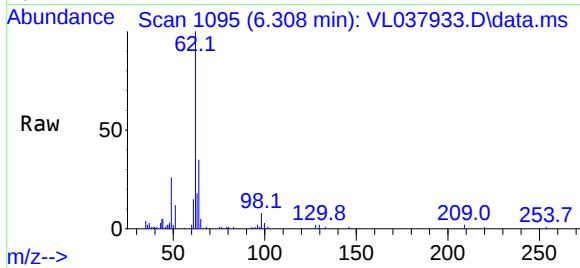
#37
1,2-Dichloroethane
Concen: 0.467 ppbv
RT: 6.308 min Scan# 1095
Delta R.T. 0.003 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 62 Resp: 87072
Ion Ratio Lower Upper
62 100
98 8.7 6.5 9.7

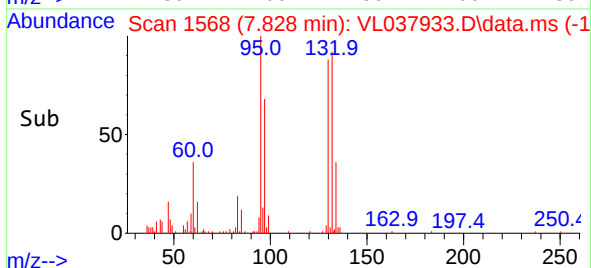
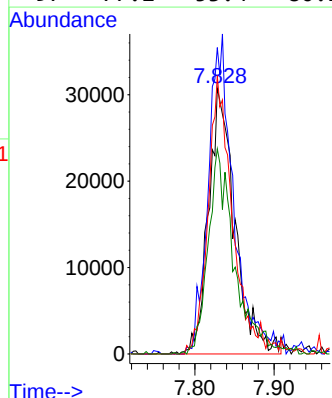
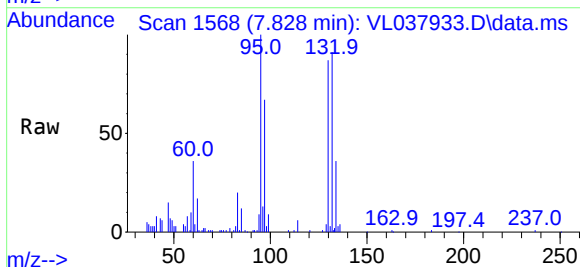
Manual Integrations
APPROVED

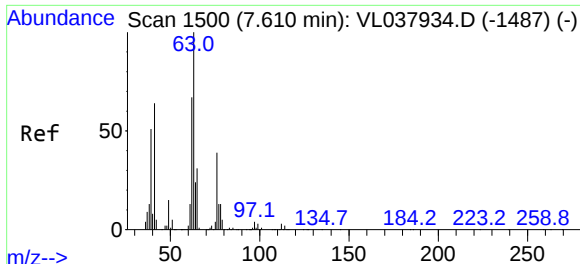
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#38
Trichloroethene
Concen: 0.453 ppbv m
RT: 7.828 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Tgt Ion:130 Resp: 70866
Ion Ratio Lower Upper
130 100
95 115.3 81.8 122.8
132 104.7 74.2 111.2
97 77.2 53.4 80.2





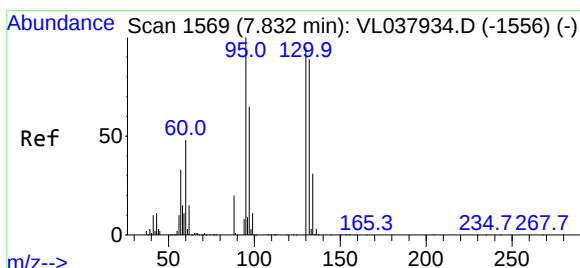
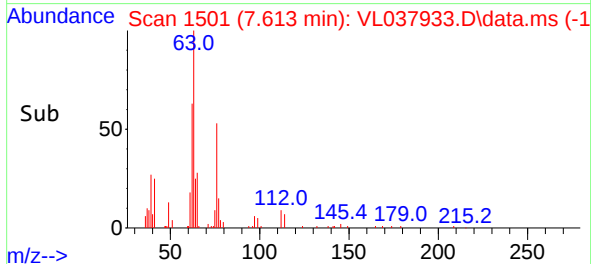
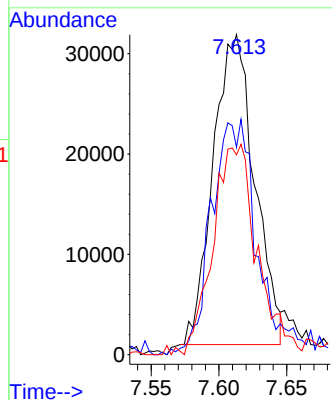
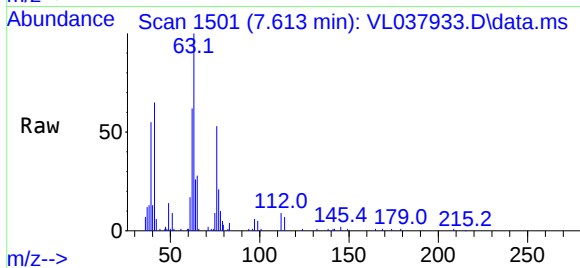
#39
1,2-Dichloropropane
Concen: 0.442 ppbv
RT: 7.613 min Scan# 11
Delta R.T. 0.003 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 63 Resp: 65820
Ion Ratio Lower Upper
63 100
41 64.9 51.6 77.4
62 63.3 53.5 80.3

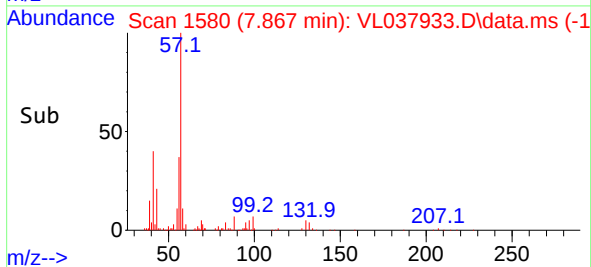
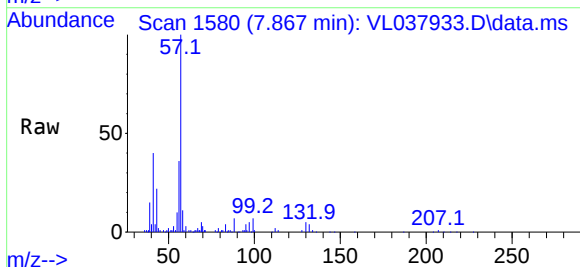
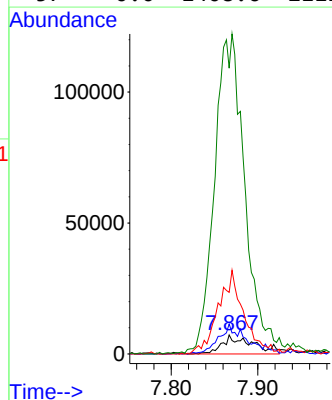
Manual Integrations
APPROVED

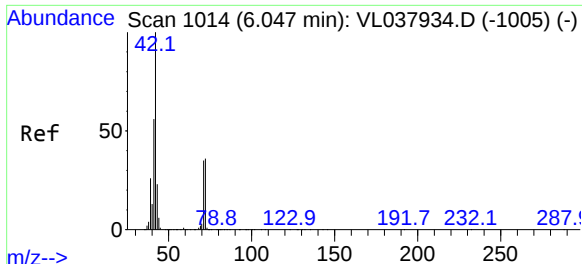
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#40
1,4-Dioxane
Concen: 0.471 ppbv m
RT: 7.867 min Scan# 1580
Delta R.T. 0.035 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

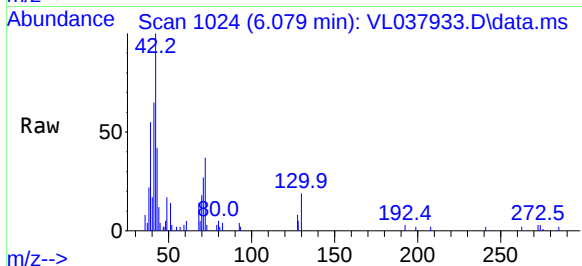
Tgt Ion: 88 Resp: 17570
Ion Ratio Lower Upper
88 100
58 0.0 129.1 193.7#
43 0.0 313.2 469.8#
57 0.0 1408.6 2112.8#





#41
Tetrahydrofuran
Concen: 0.336 ppbv m
RT: 6.079 min Scan# 1014
Delta R.T. 0.032 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

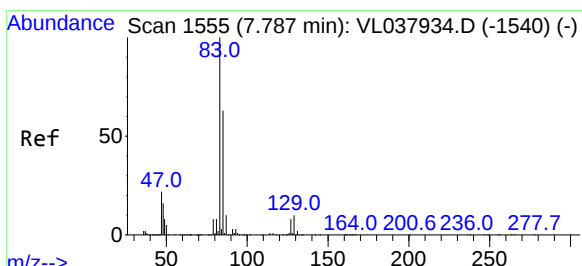
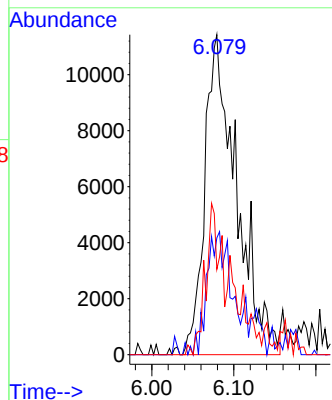
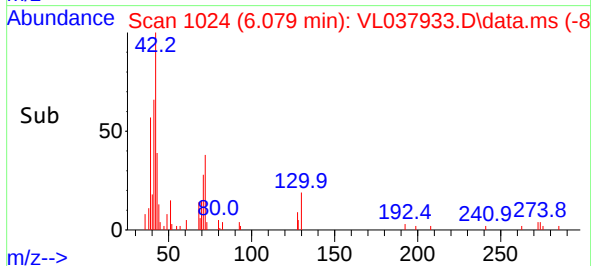
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 42 Resp: 3078
Ion Ratio Lower Upper
42 100
72 36.9 31.5 47.3
71 38.3 30.5 45.7

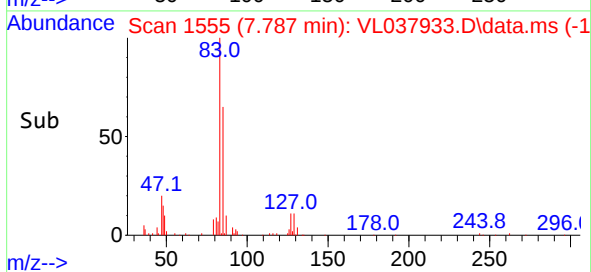
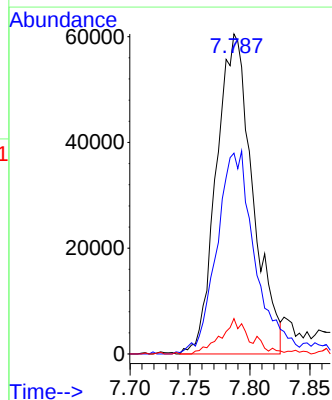
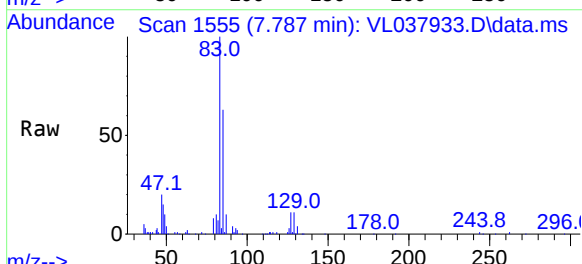
Manual Integrations
APPROVED

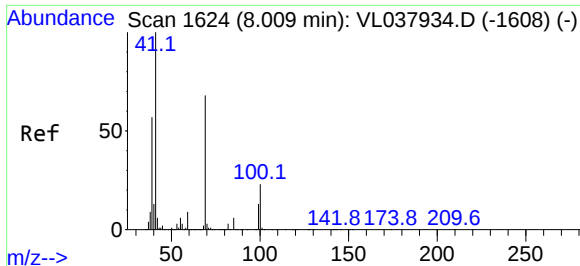
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#42
Bromodichloromethane
Concen: 0.465 ppbv
RT: 7.787 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Tgt Ion: 83 Resp: 127382
Ion Ratio Lower Upper
83 100
85 62.3 50.1 75.1
127 11.0 6.1 9.1#





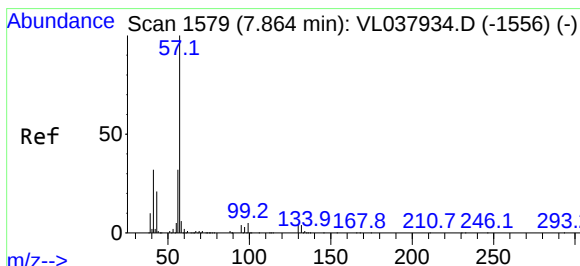
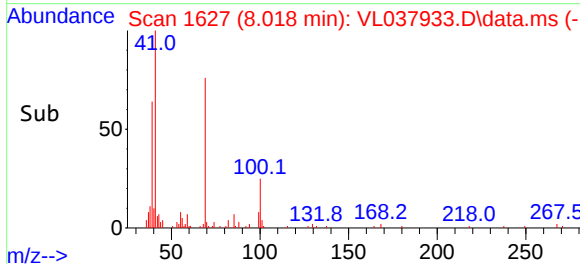
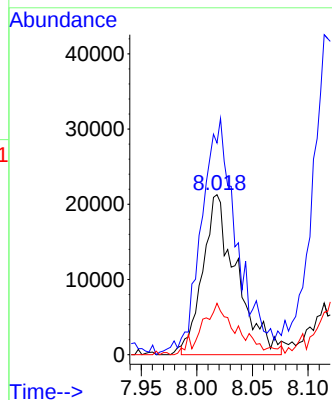
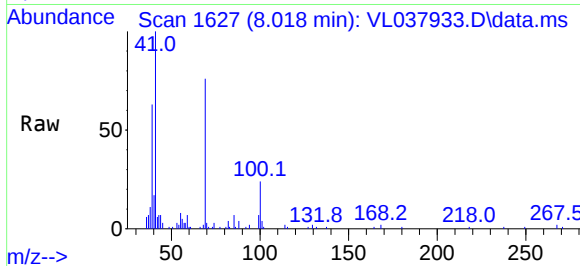
#43
Methyl Methacrylate
Concen: 0.350 ppbv m
RT: 8.018 min Scan# 1
Delta R.T. 0.010 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 69 Resp: 4530
Ion Ratio Lower Upper
69 100
41 156.2 117.4 176.2
100 33.9 27.8 41.6

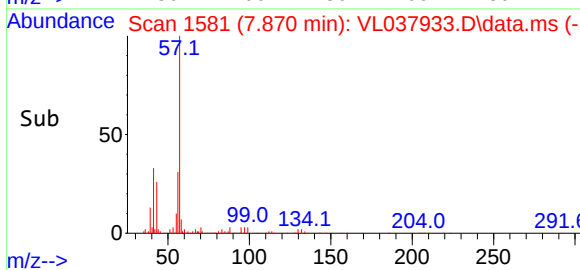
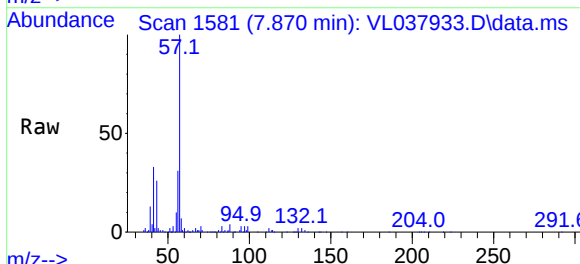
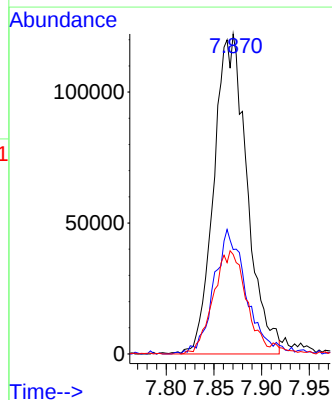
Manual Integrations
APPROVED

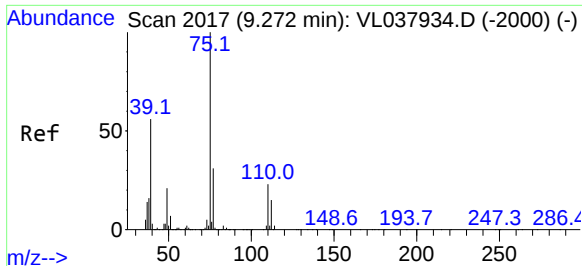
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#44
2,2,4-Trimethylpentane
Concen: 0.442 ppbv m
RT: 7.870 min Scan# 1581
Delta R.T. 0.006 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Tgt Ion: 57 Resp: 293942
Ion Ratio Lower Upper
57 100
41 38.8 25.8 38.8#
56 0.0 25.9 38.9#





#45

t-1,3-Dichloropropene

Concen: 0.339 ppbv m

RT: 9.282 min Scan# 2015

Delta R.T. 0.010 min

Lab File: VL037933.D

Acq: 1 Nov 2021 8:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

Tgt Ion: 75 Resp: 30150

Ion Ratio Lower Upper

75 100

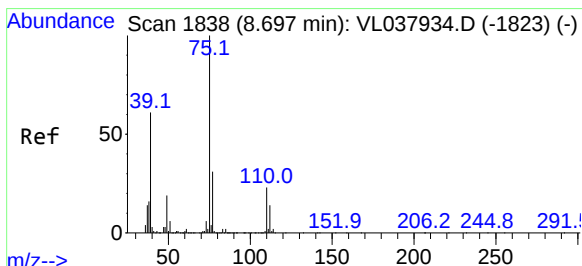
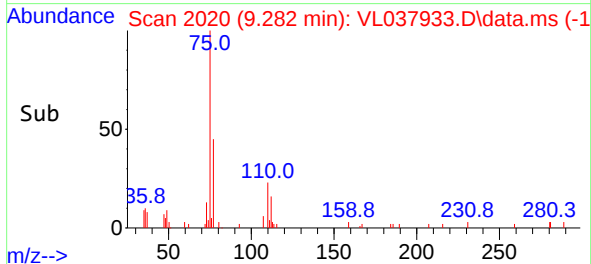
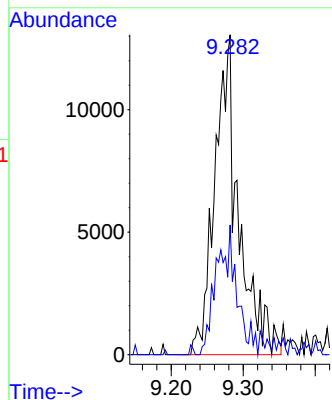
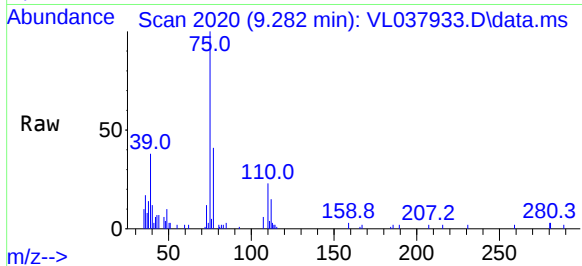
77 40.5 25.2 37.8

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/05/2021

Supervised By :Mahesh Dadoda 11/10/2021



#46

cis-1,3-Dichloropropene

Concen: 0.352 ppbv m

RT: 8.693 min Scan# 1837

Delta R.T. -0.003 min

Lab File: VL037933.D

Acq: 1 Nov 2021 8:44

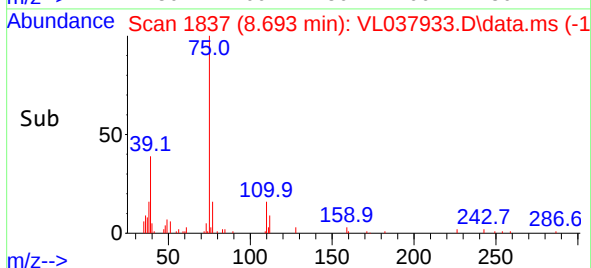
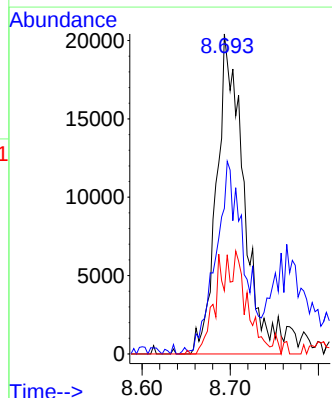
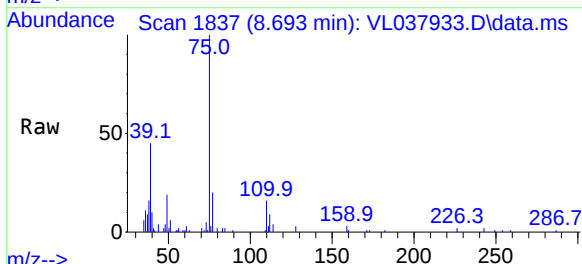
Tgt Ion: 75 Resp: 43391

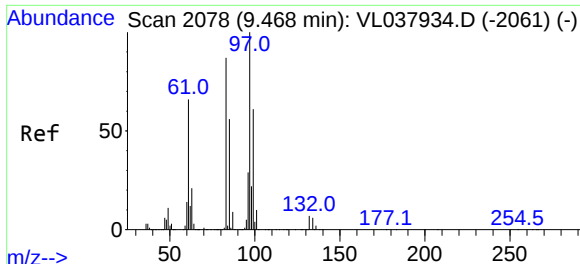
Ion Ratio Lower Upper

75 100

39 45.5 48.8 73.2#

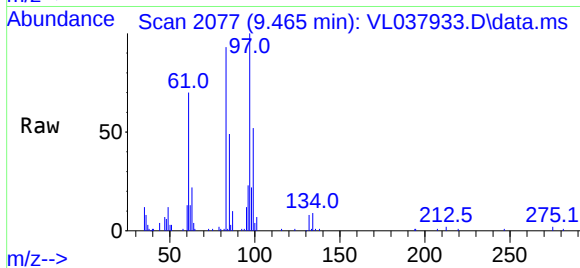
77 19.8 24.6 36.8#





#47
1,1,2-Trichloroethane
Concen: 0.501 ppbv m
RT: 9.465 min Scan# 2078
Delta R.T. -0.003 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

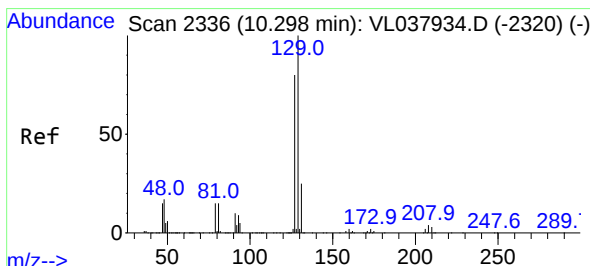
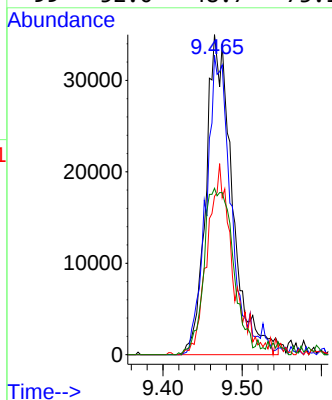
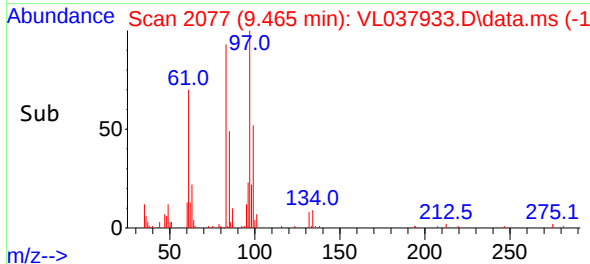
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



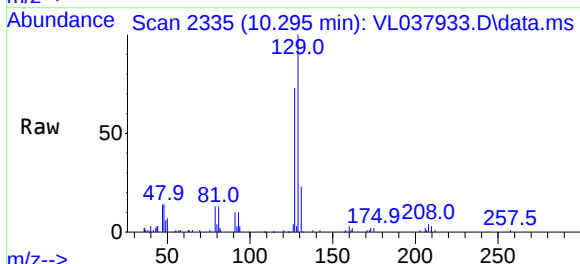
Tgt Ion: 97 Resp: 8121
Ion Ratio Lower Upper
97 100
83 93.5 69.4 104.2
85 49.5 45.0 67.6
99 52.0 48.7 73.1

Manual Integrations
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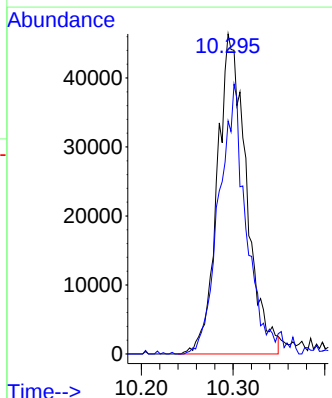
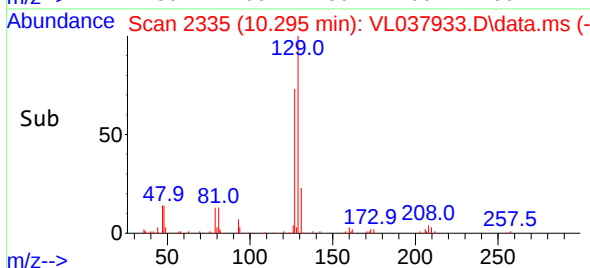
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

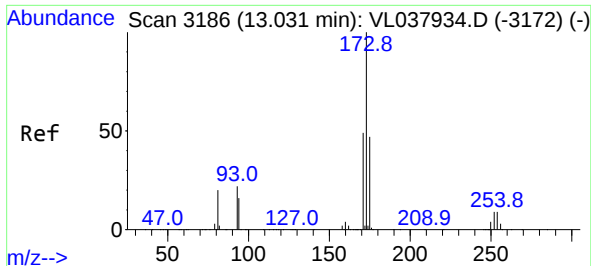


#48
Dibromochloromethane
Concen: 0.441 ppbv m
RT: 10.295 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44



Tgt Ion:129 Resp: 101892
Ion Ratio Lower Upper
129 100
127 81.1 40.3 120.9





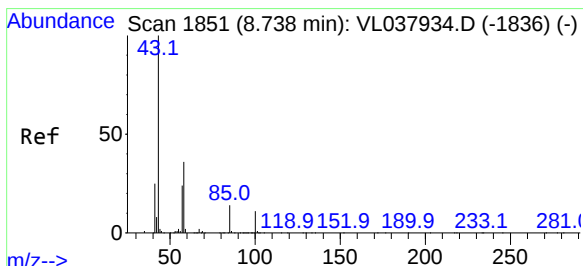
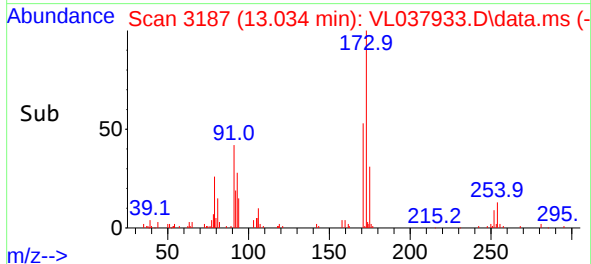
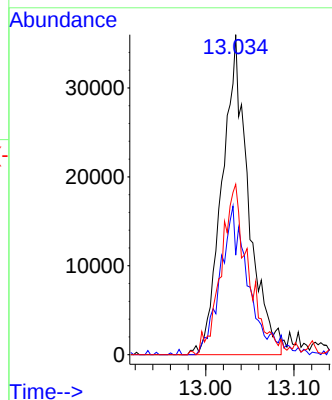
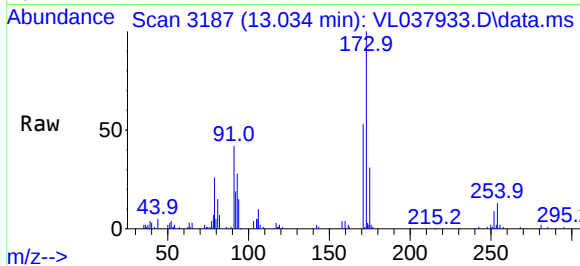
#49
Bromoform
Concen: 0.424 ppbv m
RT: 13.034 min Scan# 3186
Delta R.T. 0.003 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:173 Resp: 7488
Ion Ratio Lower Upper
173 100
175 50.7 39.5 59.3
171 58.9 43.6 65.4

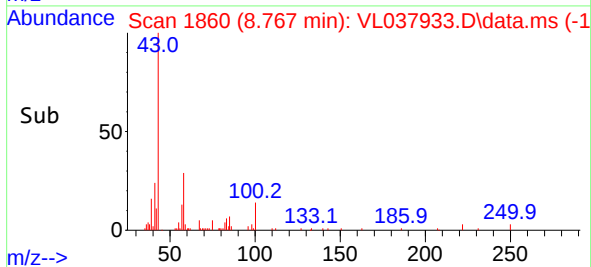
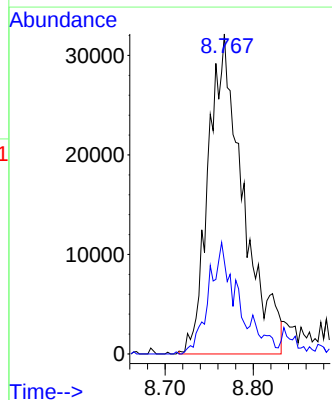
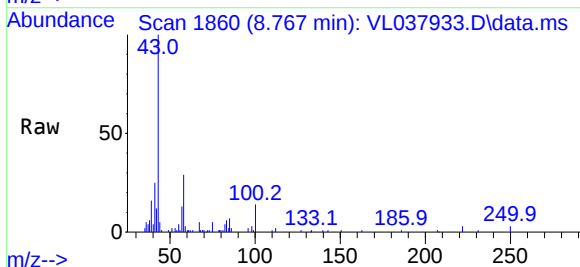
Manual Integrations
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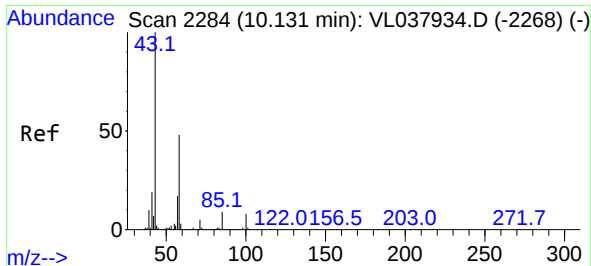
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#50
4-Methyl-2-Pentanone
Concen: 0.360 ppbv m
RT: 8.767 min Scan# 1860
Delta R.T. 0.029 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

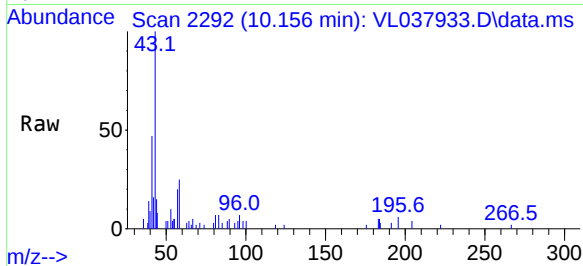
Tgt Ion: 43 Resp: 87717
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#





#51
2-Hexanone
Concen: 0.278 ppbv m
RT: 10.156 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

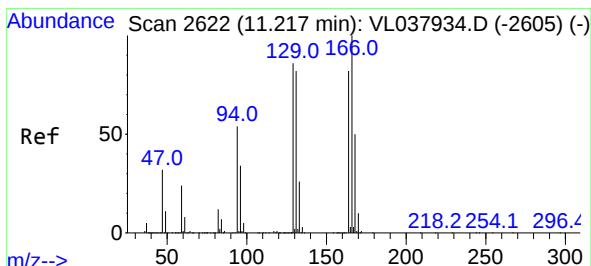
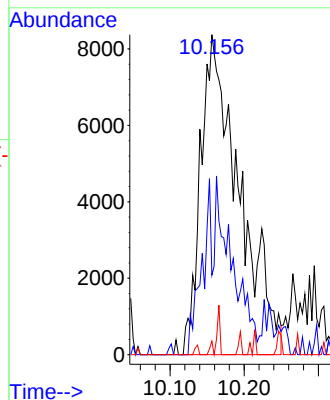
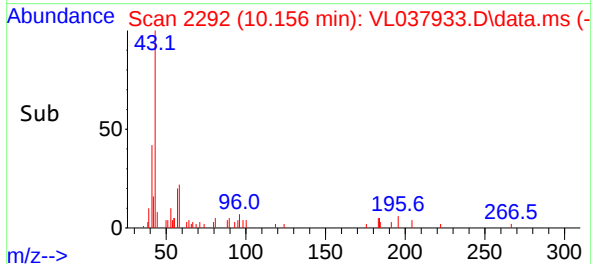
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



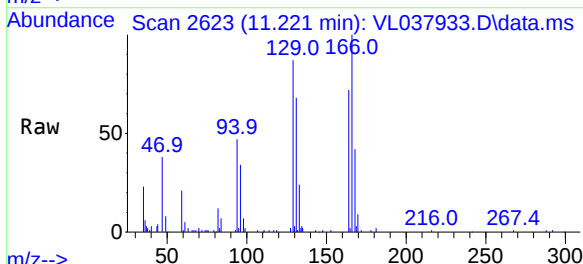
Tgt Ion: 43 Resp: 30274
Ion Ratio Lower Upper
43 100
58 0.0 38.6 57.8
98 0.0 1.0 1.4

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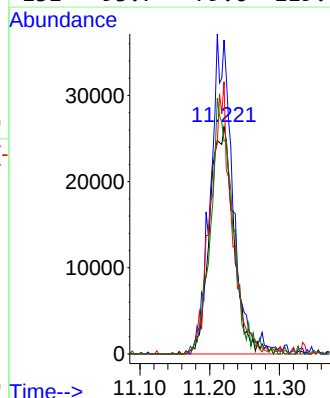
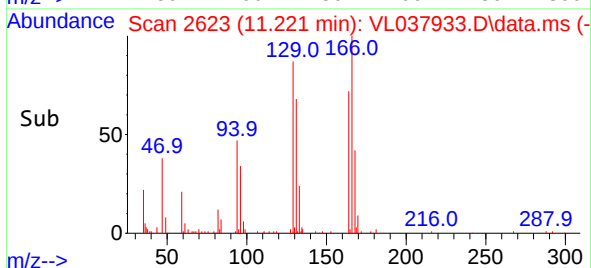
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

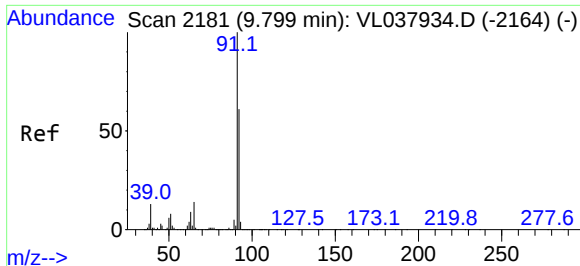


#52
Tetrachloroethene
Concen: 0.414 ppbv m
RT: 11.221 min Scan# 2623
Delta R.T. 0.003 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44



Tgt Ion:164 Resp: 63837
Ion Ratio Lower Upper
164 100
166 138.2 97.6 146.4
129 119.9 84.2 126.2
131 93.7 79.6 119.4





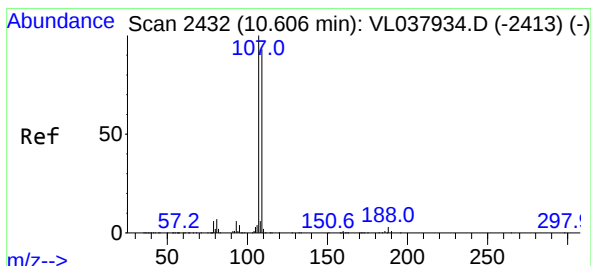
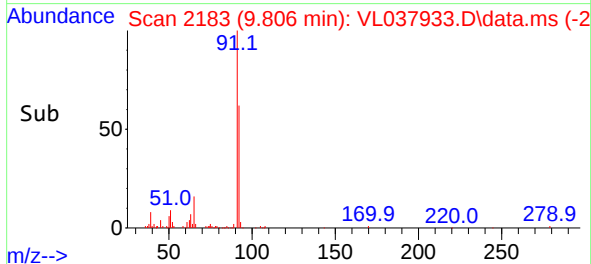
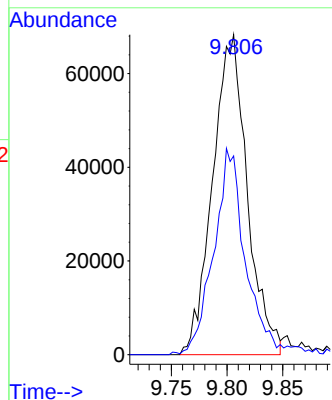
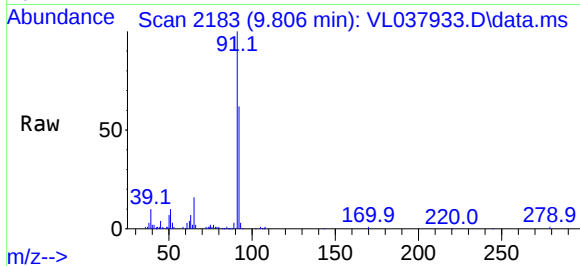
#53
Toluene
Concen: 0.336 ppbv
RT: 9.806 min Scan# 2181
Delta R.T. 0.006 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 147540
Ion Ratio Lower Upper
91 100
92 60.6 48.2 72.4

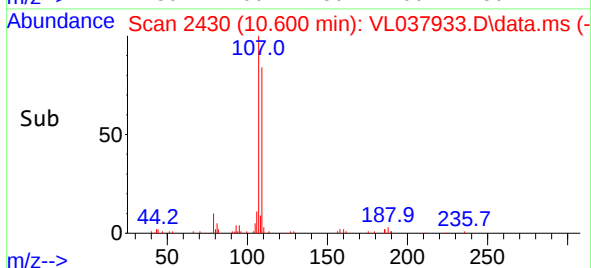
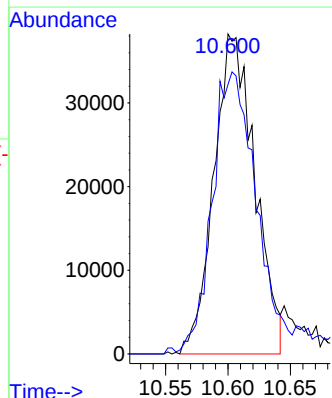
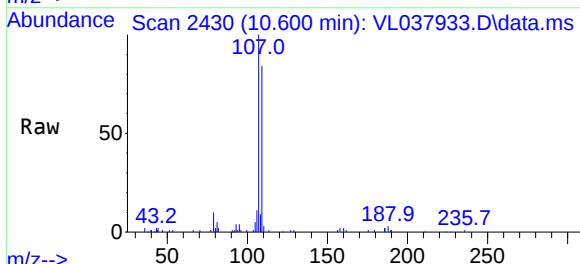
Manual Integrations
APPROVED

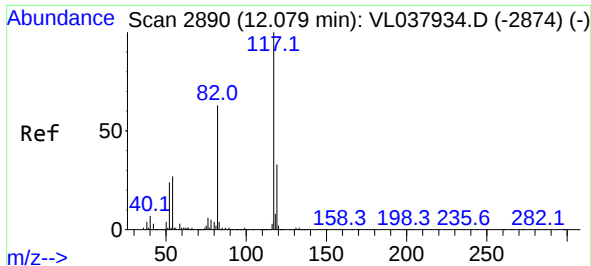
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#54
1,2-Dibromoethane
Concen: 0.399 ppbv
RT: 10.600 min Scan# 2430
Delta R.T. -0.006 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

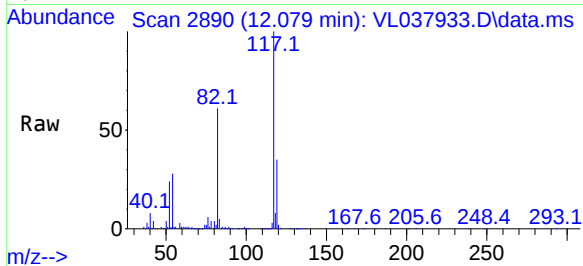
Tgt Ion:107 Resp: 87230
Ion Ratio Lower Upper
107 100
109 83.7 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.079 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

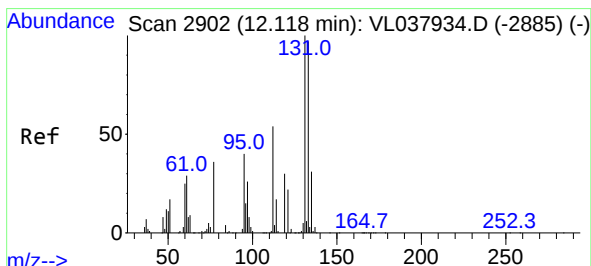
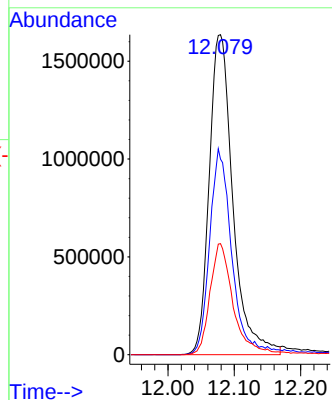
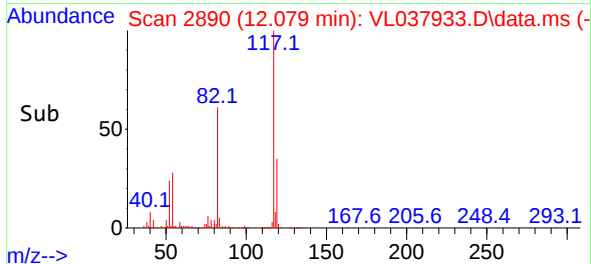
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



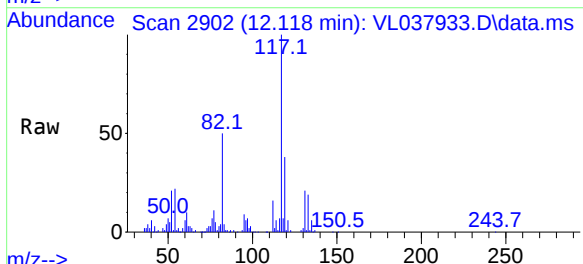
Tgt Ion:117 Resp: 4061672
Ion Ratio Lower Upper
117 100
82 62.4 51.0 76.6
119 35.0 26.9 40.3

Manual Integrations
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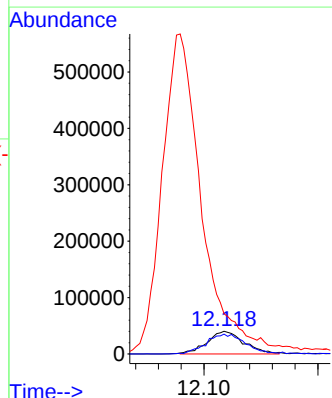
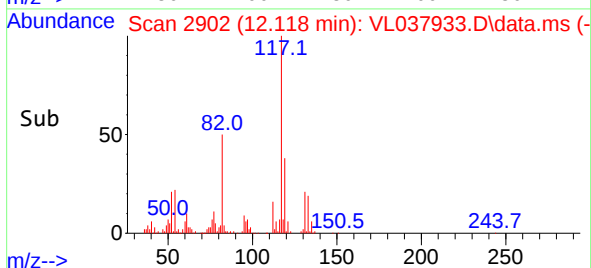
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

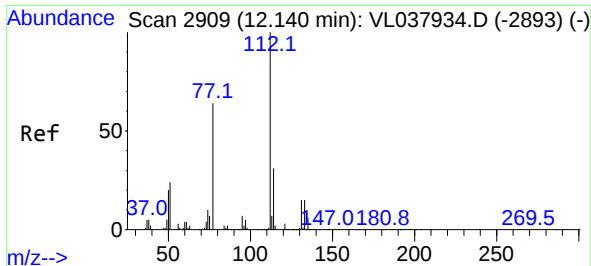


#56
1,1,1,2-Tetrachloroethane
Concen: 0.534 ppbv m
RT: 12.118 min Scan# 2902
Delta R.T. -0.000 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44



Tgt Ion:131 Resp: 89813
Ion Ratio Lower Upper
131 100
133 97.6 79.6 119.4
119 1588.8 125.4 188.2#





#57

Chlorobenzene

Concen: 0.525 ppbv

RT: 12.137 min Scan# 2909

Delta R.T. -0.003 min

Lab File: VL037933.D

Acq: 1 Nov 2021 8:44

Instrument :

MSVOA_L

ClientSampleId :

VSTDIC0.5

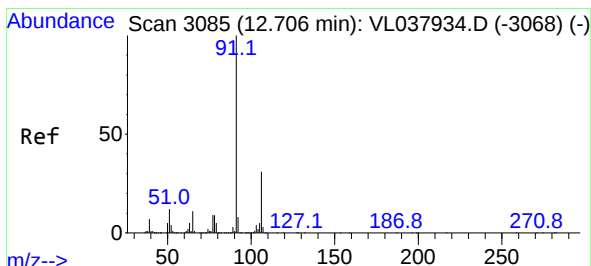
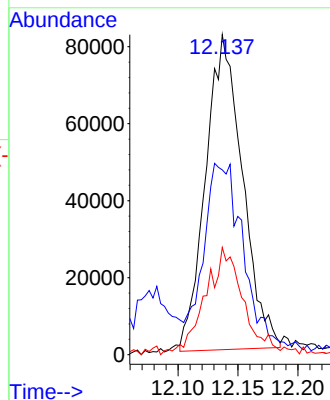
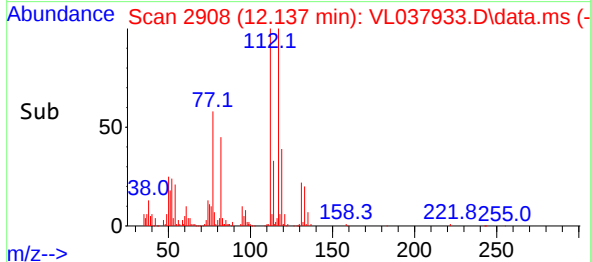
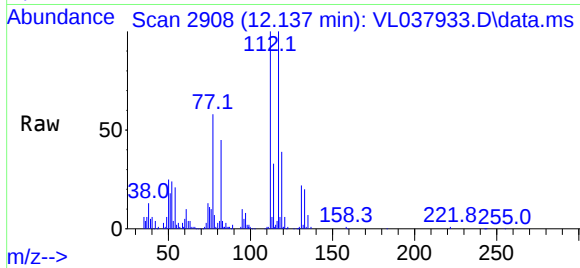
Tgt Ion:112 Resp: 17490

Ion	Ratio	Lower	Upper
112	100		
77	55.5	51.1	76.7
114	34.7	27.9	34.1

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#58

Ethyl Benzene

Concen: 0.360 ppbv

RT: 12.709 min Scan# 3086

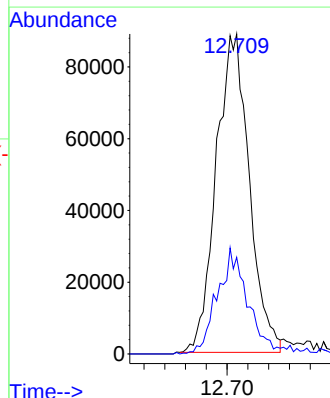
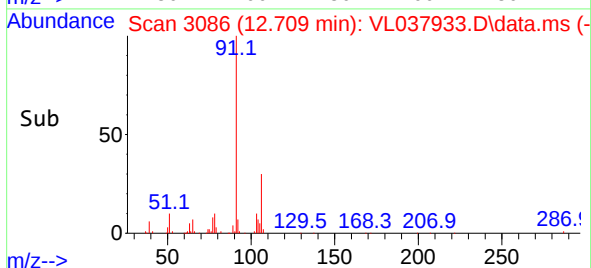
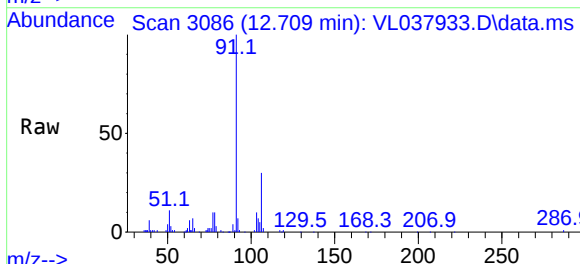
Delta R.T. 0.003 min

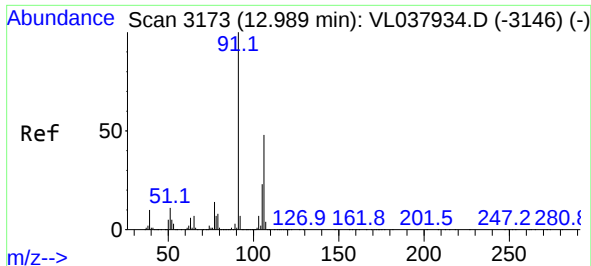
Lab File: VL037933.D

Acq: 1 Nov 2021 8:44

Tgt Ion: 91 Resp: 196124

Ion	Ratio	Lower	Upper
91	100		
106	30.4	25.1	37.7





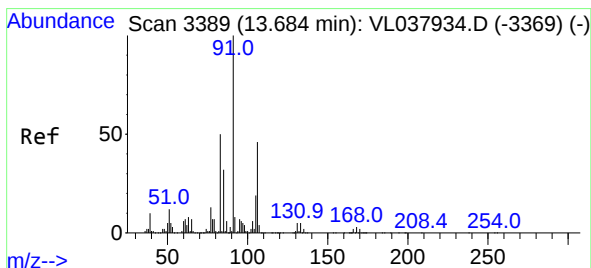
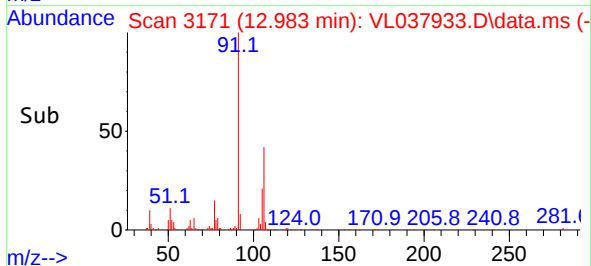
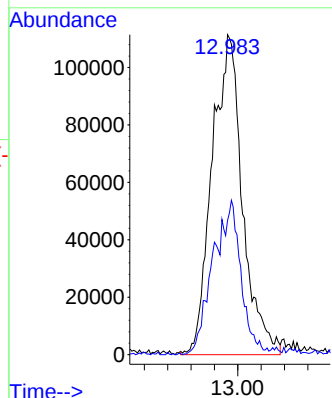
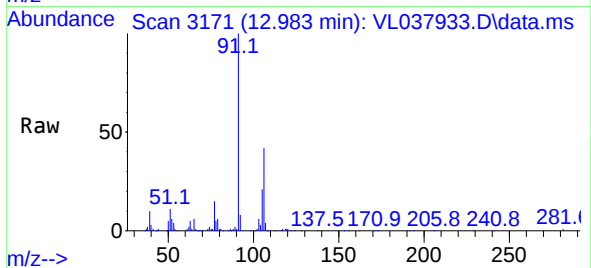
#59
m/p-Xylene
Concen: 0.860 ppbv m
RT: 12.983 min Scan# 3173
Delta R.T. -0.006 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 402600
Ion Ratio Lower Upper
91 100
106 44.9 37.1 55.7

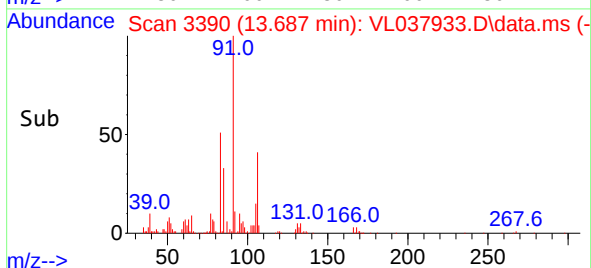
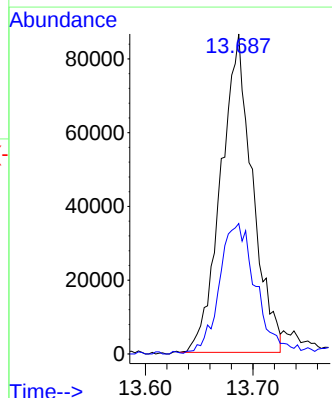
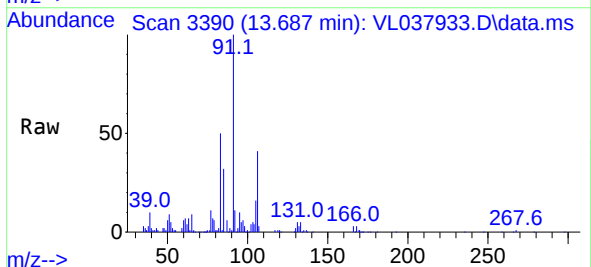
Manual Integrations
APPROVED

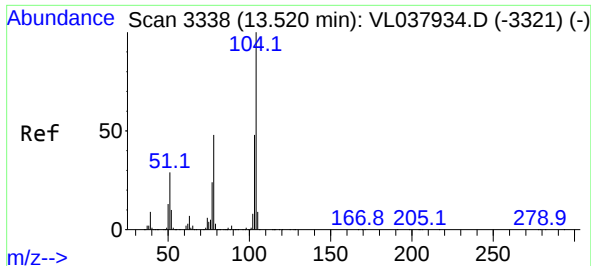
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#60
o-Xylene
Concen: 0.393 ppbv
RT: 13.687 min Scan# 3390
Delta R.T. 0.003 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Tgt Ion: 91 Resp: 176391
Ion Ratio Lower Upper
91 100
106 49.4 23.5 70.6





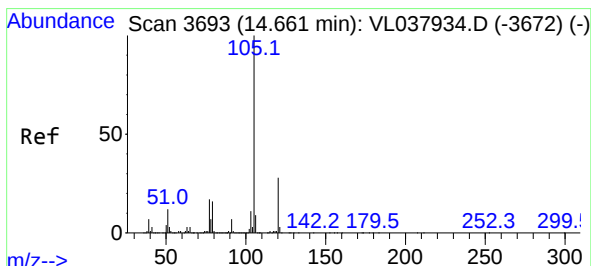
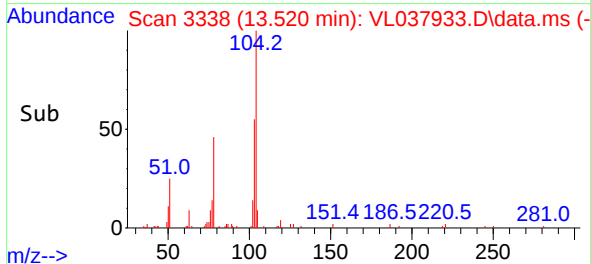
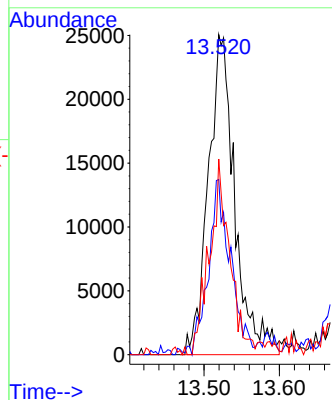
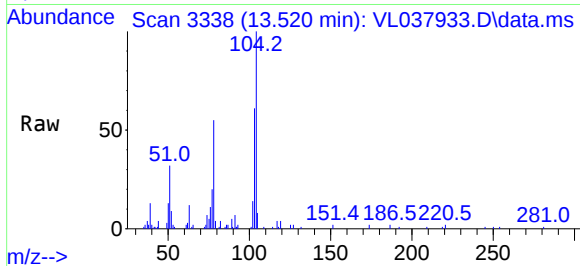
#61
Styrene
Concen: 0.282 ppbv m
RT: 13.520 min Scan# 311
Delta R.T. -0.000 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:104 Resp: 61200
Ion Ratio Lower Upper
104 100
78 47.3 39.3 58.9
103 47.2 39.6 59.4

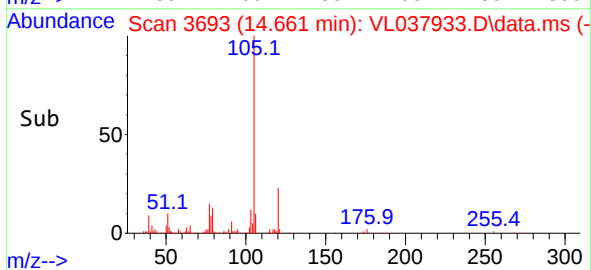
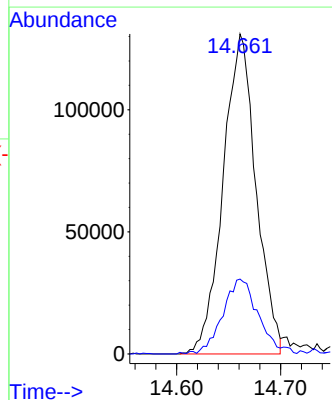
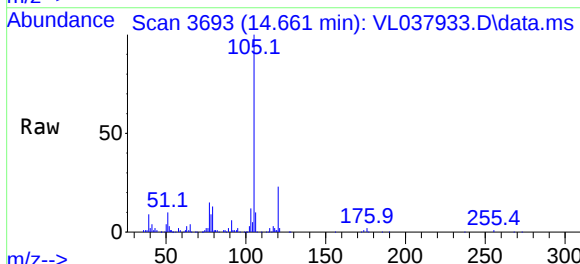
Manual Integrations
APPROVED

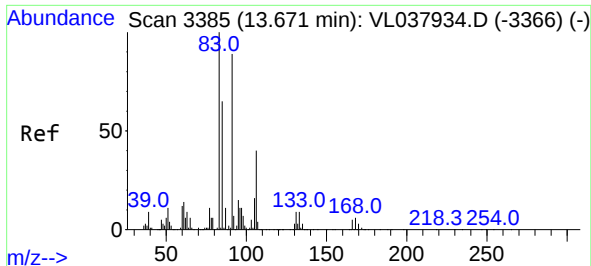
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#62
Isopropylbenzene
Concen: 0.460 ppbv
RT: 14.661 min Scan# 3693
Delta R.T. -0.000 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Tgt Ion:105 Resp: 288060
Ion Ratio Lower Upper
105 100
120 26.3 21.8 32.6





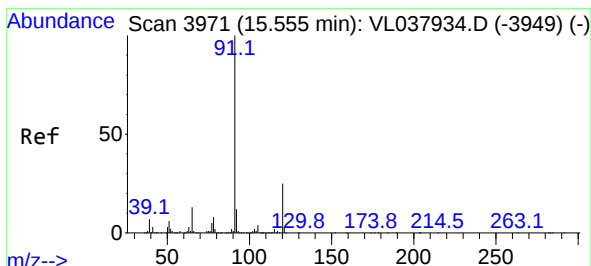
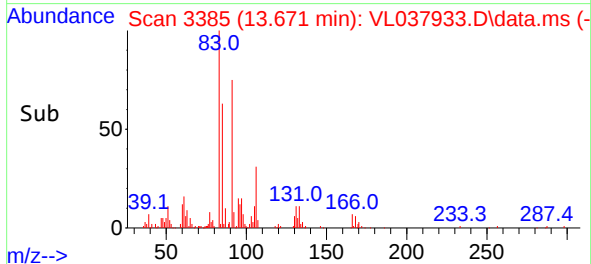
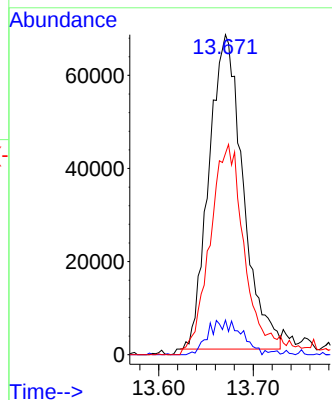
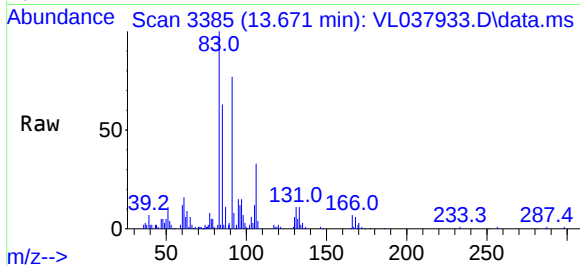
#63
1,1,2,2-Tetrachloroethane
Concen: 0.489 ppbv
RT: 13.671 min Scan# 3385
Delta R.T. -0.000 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 83 Resp: 169295
Ion Ratio Lower Upper
83 100
131 11.3 4.8 14.4
85 71.7 32.5 97.5

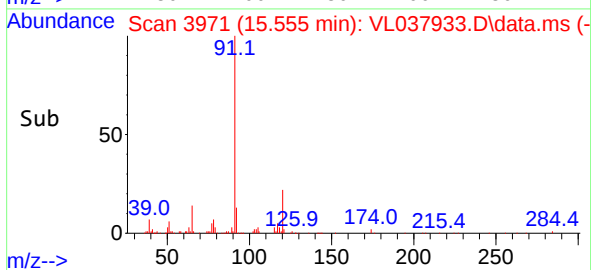
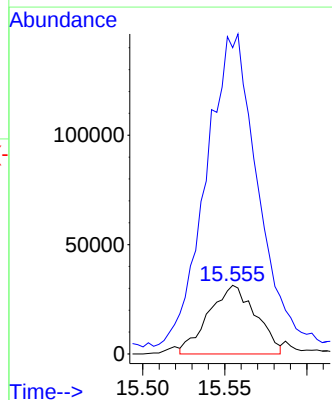
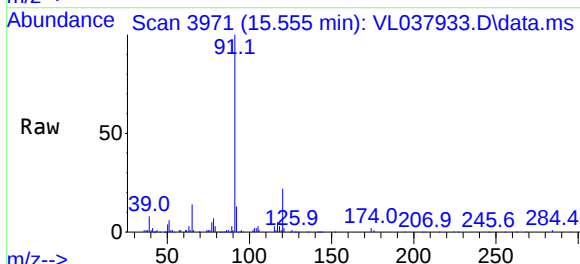
Manual Integrations
APPROVED

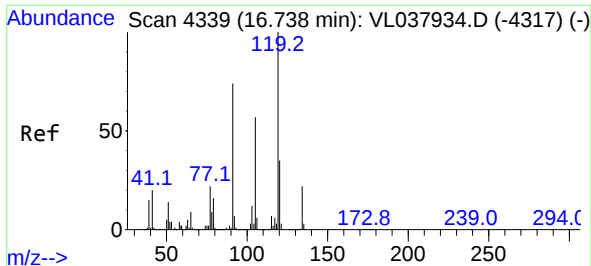
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#64
n-propylbenzene
Concen: 0.402 ppbv
RT: 15.555 min Scan# 3971
Delta R.T. -0.000 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Tgt Ion:120 Resp: 62686
Ion Ratio Lower Upper
120 100
91 554.3 363.3 544.9#





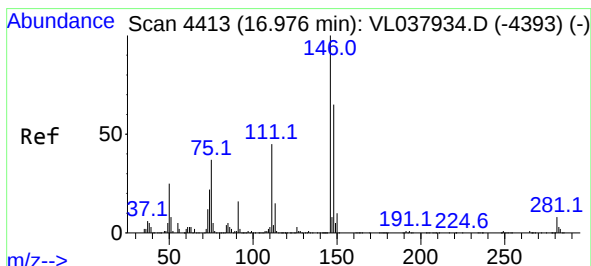
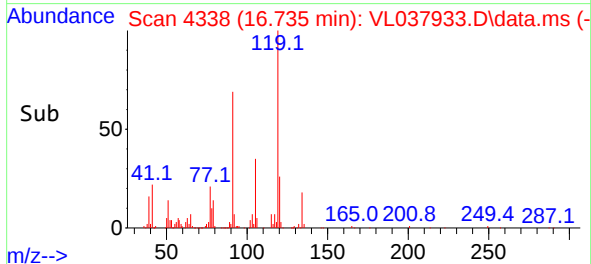
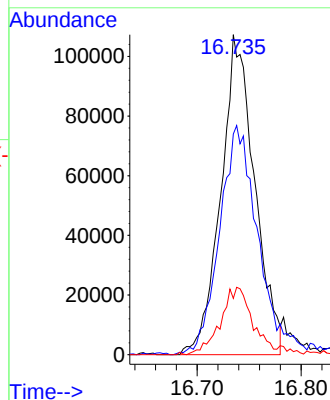
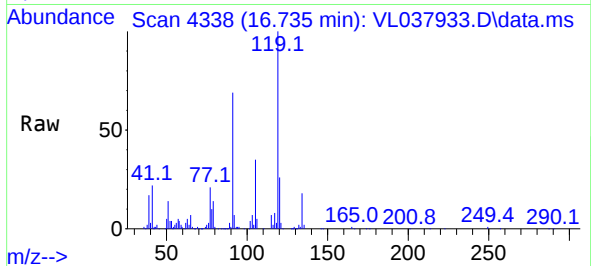
#65
tert-Butylbenzene
Concen: 0.439 ppbv
RT: 16.735 min Scan# 411
Delta R.T. -0.003 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 119 Resp: 241840
Ion Ratio Lower Upper
119 100
91 84.1 61.8 92.6
134 21.7 16.6 25.0

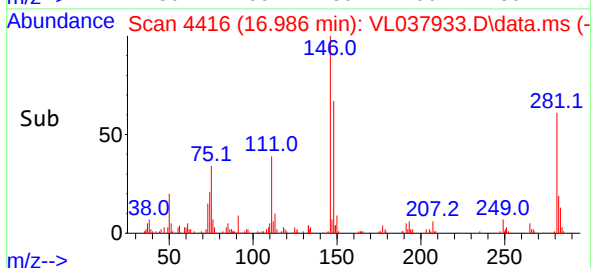
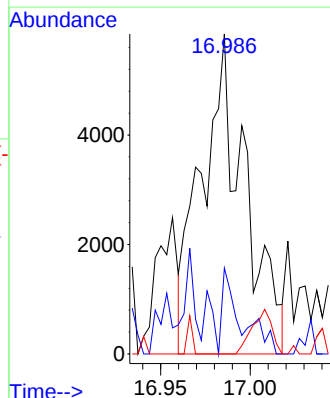
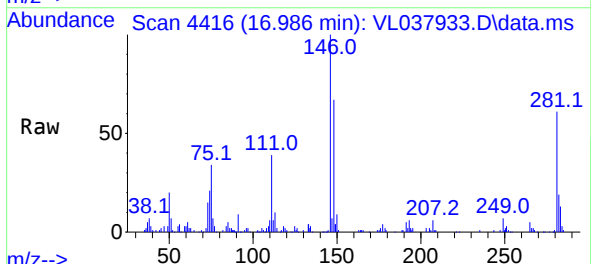
Manual Integrations
APPROVED

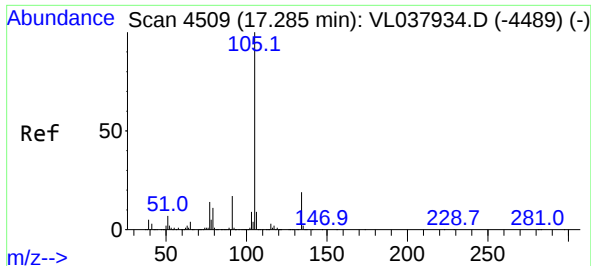
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#66
Benzyl Chloride
Concen: 0.361 ppbv m
RT: 16.986 min Scan# 4416
Delta R.T. 0.010 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

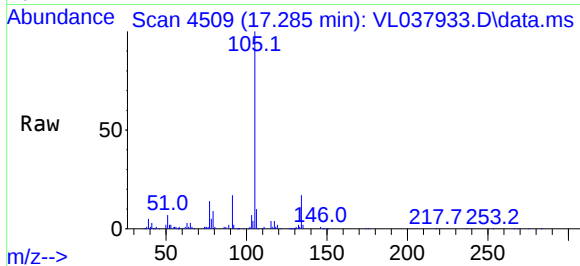
Tgt Ion: 91 Resp: 9816
Ion Ratio Lower Upper
91 100
126 31.8 13.8 20.6#
128 1.4 5.1 7.7#





#67
 sec-Butylbenzene
 Concen: 0.454 ppbv
 RT: 17.285 min Scan# 4509
 Delta R.T. -0.000 min
 Lab File: VL037933.D
 Acq: 1 Nov 2021 8:44

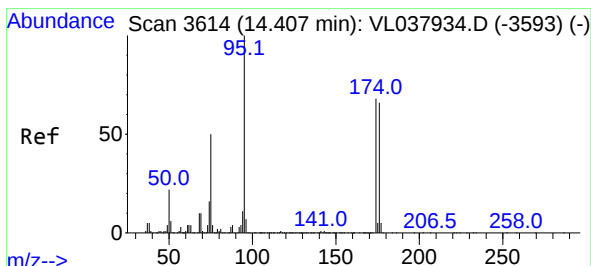
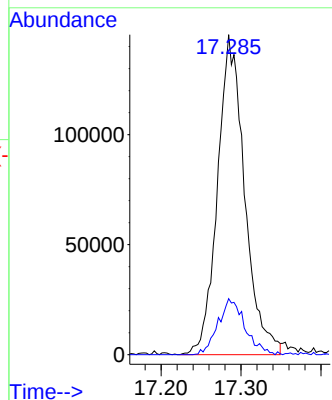
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



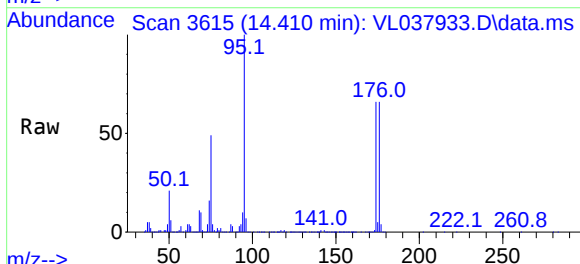
Tgt Ion: 105 Resp: 34204
 Ion Ratio Lower Upper
 105 100
 134 17.4 15.4 23.0

Manual Integrations
 APPROVED

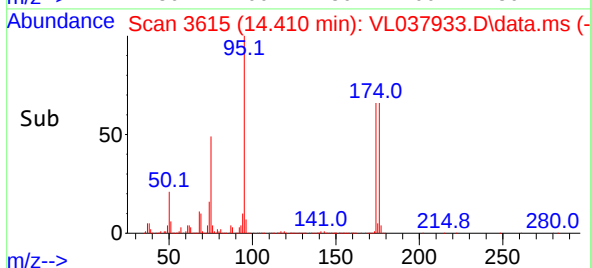
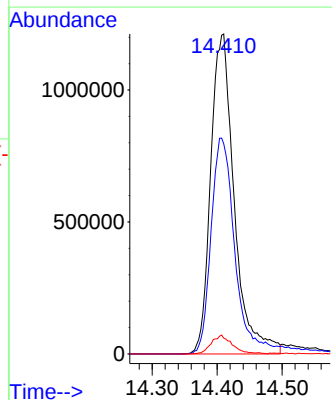
Reviewed By : Semsettin Yesilyurt 11/05/2021
 Supervised By : Mahesh Dadoda 11/10/2021

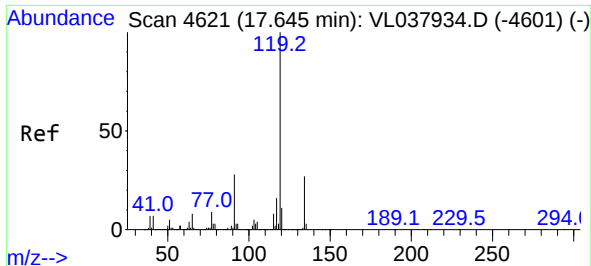


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.747 ppbv
 RT: 14.410 min Scan# 3615
 Delta R.T. 0.003 min
 Lab File: VL037933.D
 Acq: 1 Nov 2021 8:44



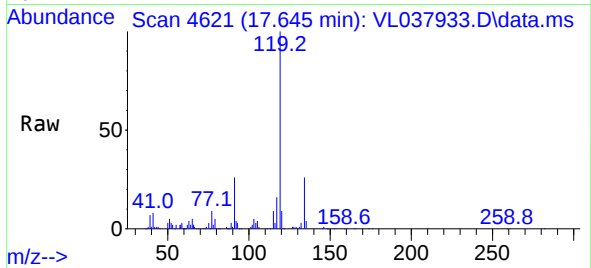
Tgt Ion: 95 Resp: 3052663
 Ion Ratio Lower Upper
 95 100
 174 71.2 58.3 87.5
 175 5.3 4.6 6.8





#69
p-Isopropyltoluene
Concen: 0.388 ppbv
RT: 17.645 min Scan# 4621
Delta R.T. -0.000 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

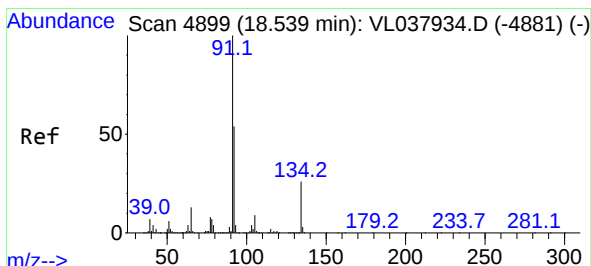
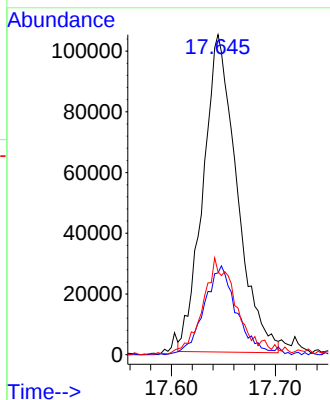
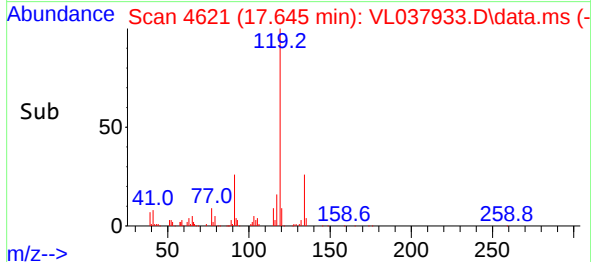
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



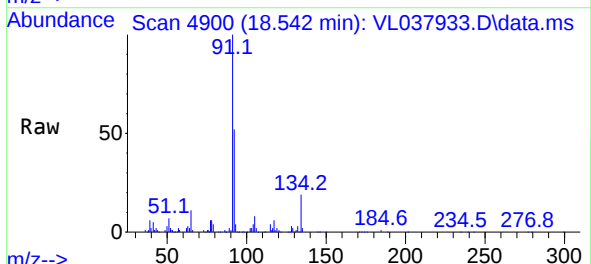
Tgt Ion: 119 Resp: 236440
Ion Ratio Lower Upper
119 100
134 27.6 21.0 31.4
91 31.2 21.8 32.8

Manual Integrations
APPROVED

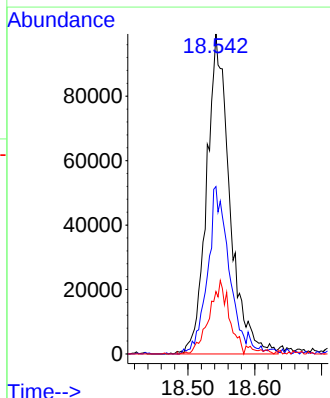
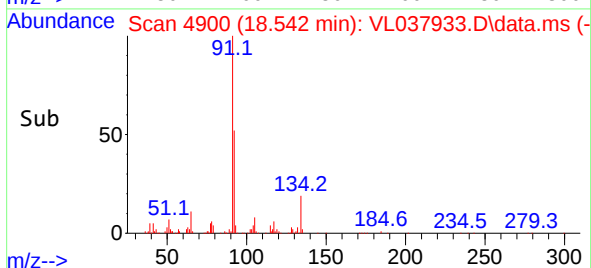
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

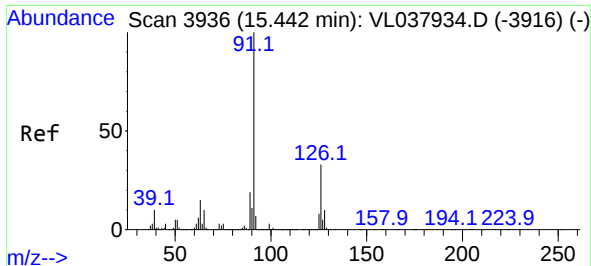


#70
n-Butylbenzene
Concen: 0.413 ppbv m
RT: 18.542 min Scan# 4900
Delta R.T. 0.003 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44



Tgt Ion: 91 Resp: 238817
Ion Ratio Lower Upper
91 100
92 50.6 43.6 65.4
134 21.6 19.8 29.6





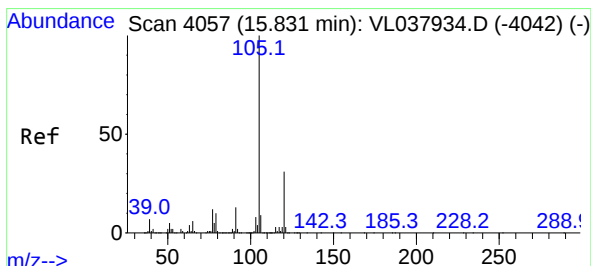
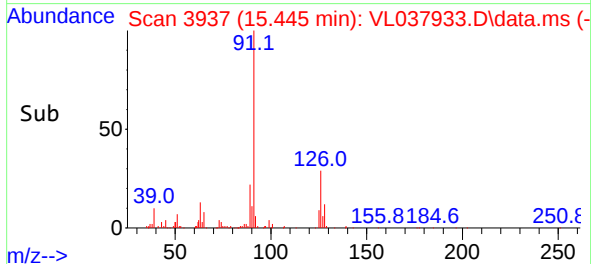
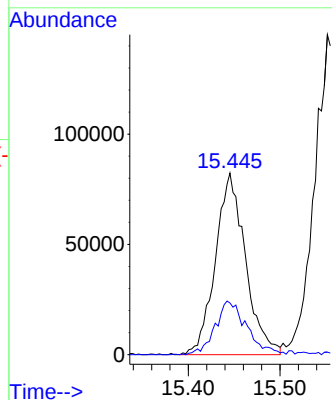
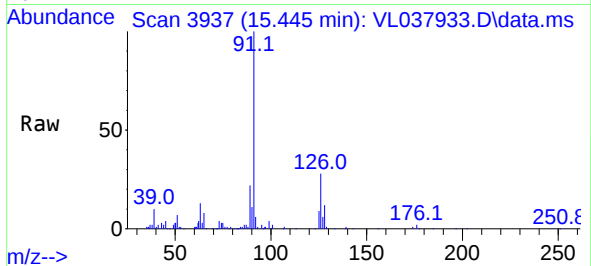
#71
2-Chlorotoluene
Concen: 0.424 ppbv
RT: 15.445 min Scan# 3936
Delta R.T. 0.003 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 187472
Ion Ratio Lower Upper
91 100
126 32.0 13.3 53.3

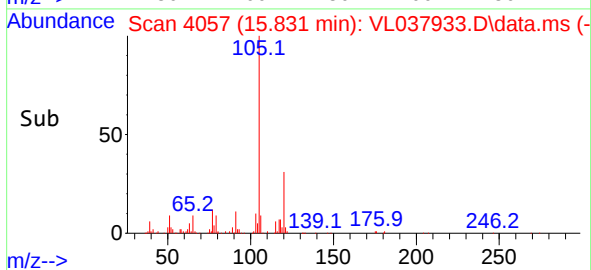
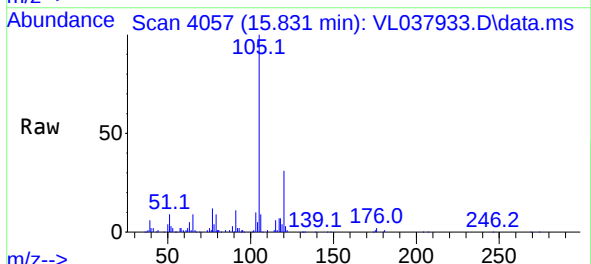
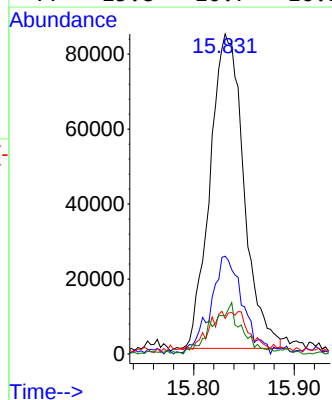
Manual Integrations
APPROVED

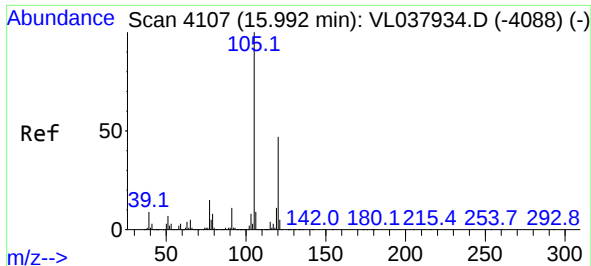
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#72
4-Ethyltoluene
Concen: 0.385 ppbv
RT: 15.831 min Scan# 4057
Delta R.T. -0.000 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Tgt Ion:105 Resp: 195891
Ion Ratio Lower Upper
105 100
120 28.8 25.3 37.9
91 16.4 9.9 14.9#
77 15.8 10.7 16.1





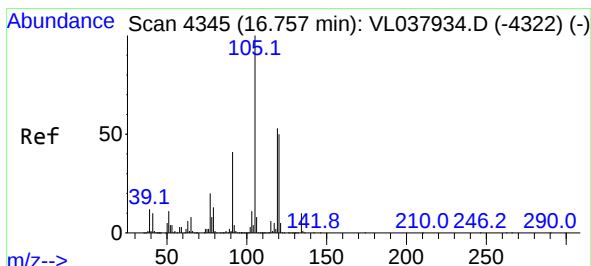
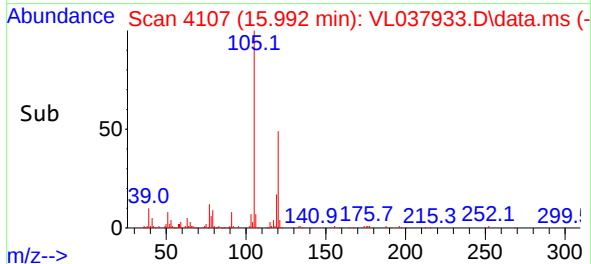
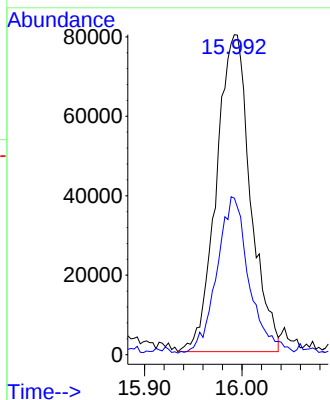
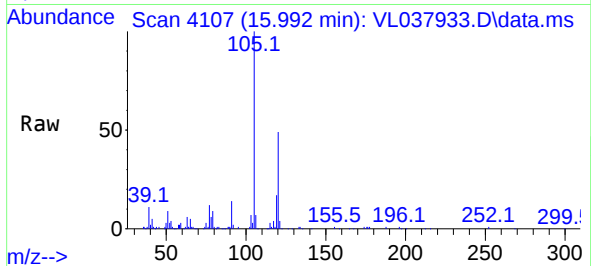
#73
1,3,5-Trimethylbenzene
Concen: 0.419 ppbv
RT: 15.992 min Scan# 4107
Delta R.T. -0.000 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Instrument : MSVOA_L
ClientSampleId : VSTDIC0.5

Tgt Ion:105 Resp: 193780
Ion Ratio Lower Upper
105 100
120 48.9 37.9 56.9

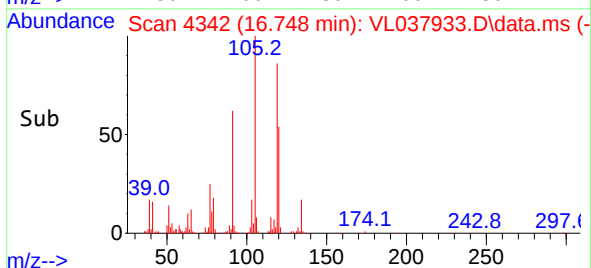
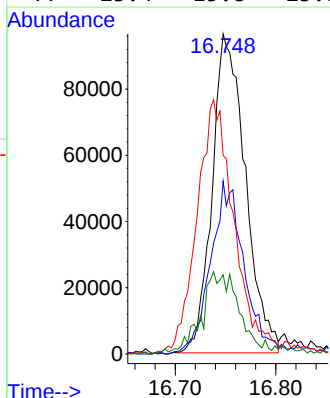
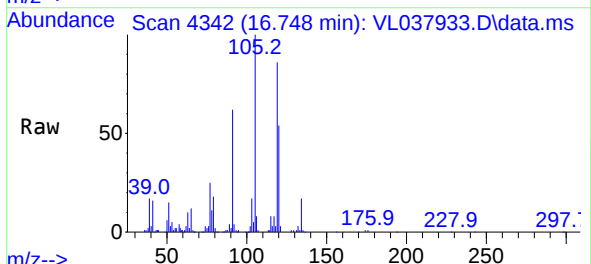
Manual Integrations
APPROVED

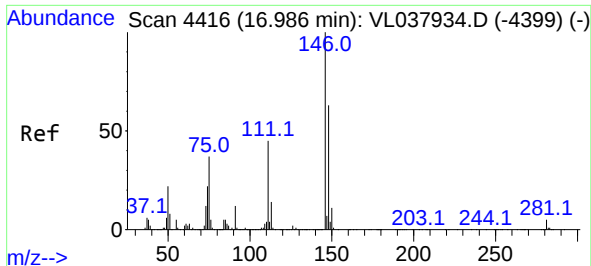
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#74
1,2,4-Trimethylbenzene
Concen: 0.455 ppbv
RT: 16.748 min Scan# 4342
Delta R.T. -0.010 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Tgt Ion:105 Resp: 221006
Ion Ratio Lower Upper
105 100
120 53.4 40.0 60.0
91 59.4 32.6 49.0#
77 23.4 15.8 23.8





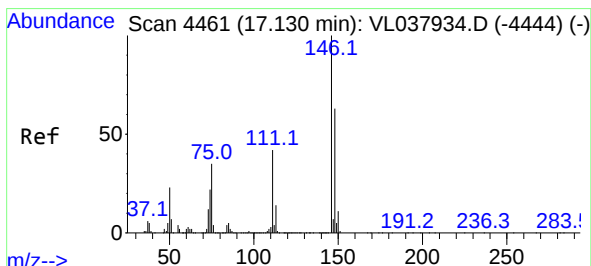
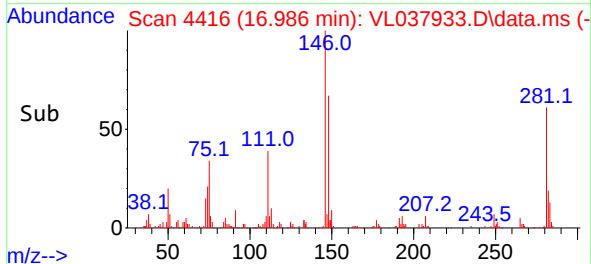
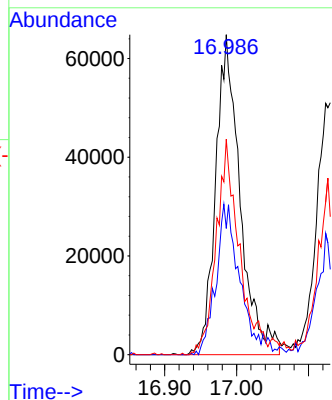
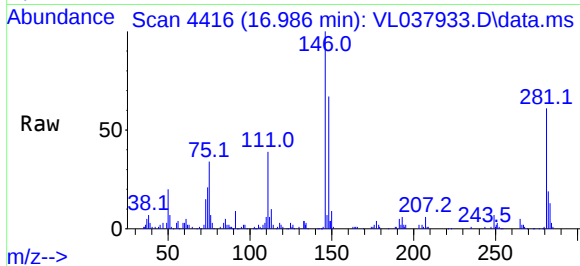
#75
1,3-Dichlorobenzene
Concen: 0.509 ppbv m
RT: 16.986 min Scan# 4416
Delta R.T. -0.000 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:146 Resp: 153370
Ion Ratio Lower Upper
146 100
111 47.1 22.7 68.1
148 65.0 32.4 97.0

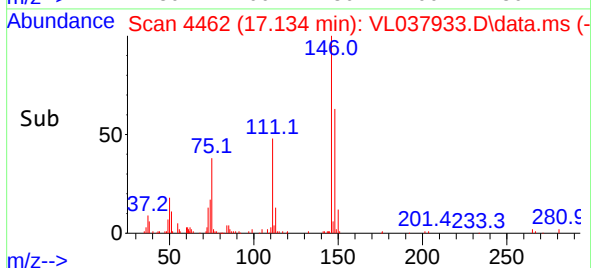
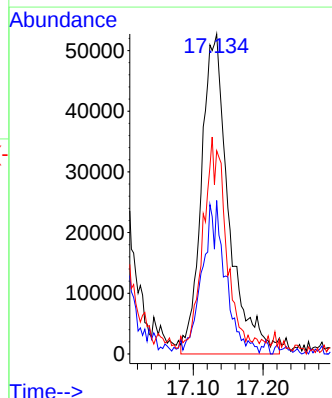
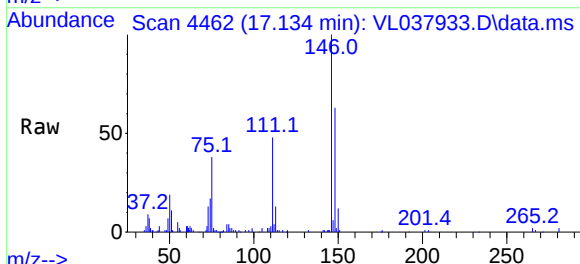
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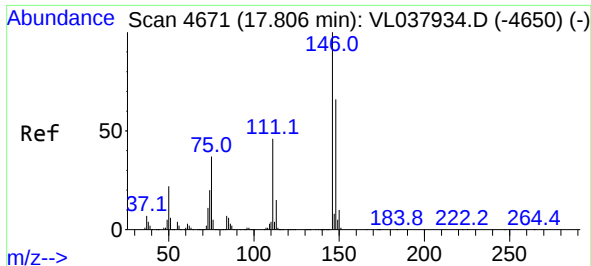
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#76
1,4-Dichlorobenzene
Concen: 0.501 ppbv m
RT: 17.134 min Scan# 4462
Delta R.T. 0.003 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Tgt Ion:146 Resp: 144011
Ion Ratio Lower Upper
146 100
111 43.3 22.7 68.1
148 0.0 33.5 100.4#





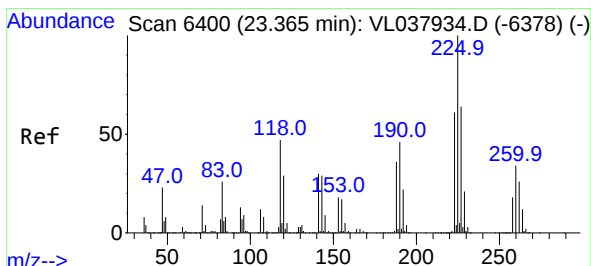
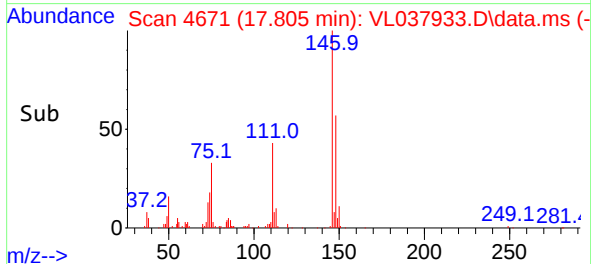
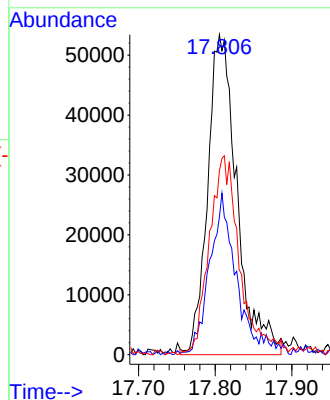
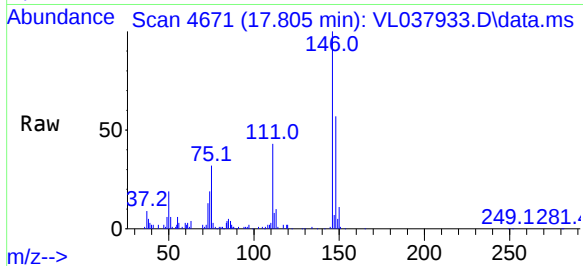
#77
1,2-Dichlorobenzene
Concen: 0.491 ppbv m
RT: 17.805 min Scan# 4671
Delta R.T. -0.000 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion:146 Resp: 14212
Ion Ratio Lower Upper
146 100
111 48.1 23.4 70.2
148 63.8 32.6 97.7

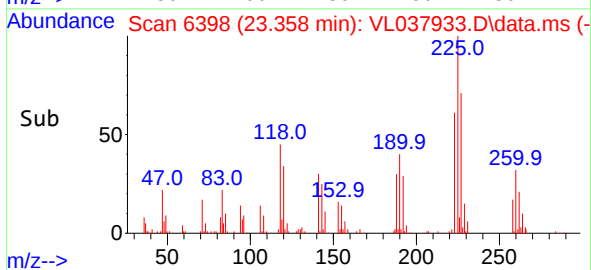
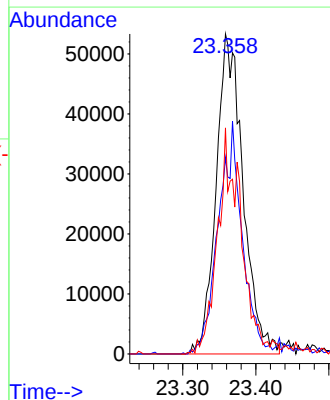
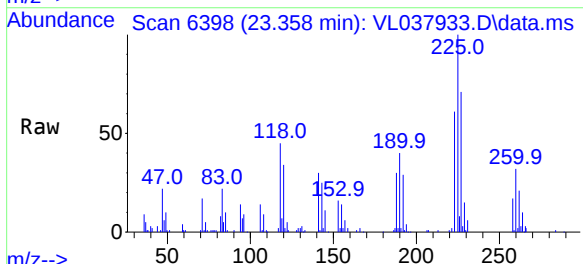
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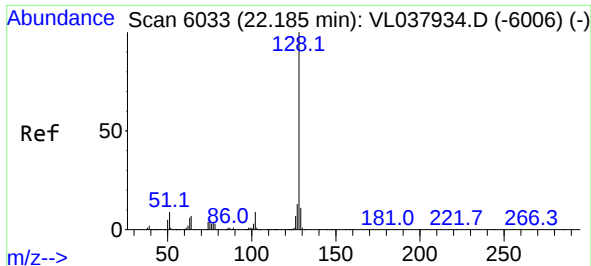
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#78
Hexachloro-1,3-Butadiene
Concen: 0.578 ppbv m
RT: 23.358 min Scan# 6398
Delta R.T. -0.006 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

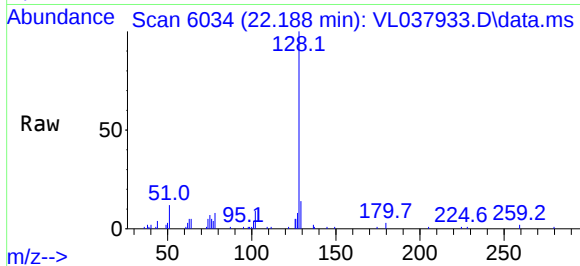
Tgt Ion:225 Resp: 136472
Ion Ratio Lower Upper
225 100
223 64.4 50.0 75.0
227 0.0 51.5 77.3#





#79
Naphthalene
Concen: 0.263 ppbv m
RT: 22.188 min Scan# 6033
Delta R.T. 0.003 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44

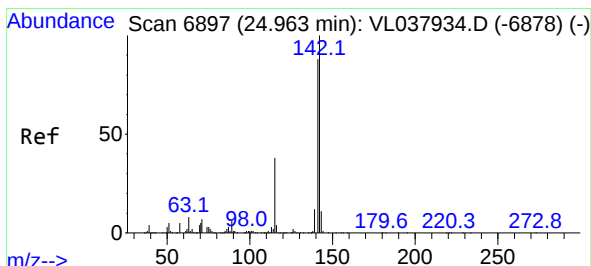
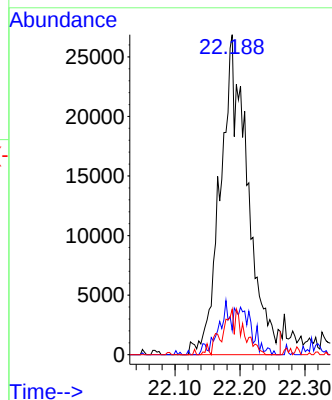
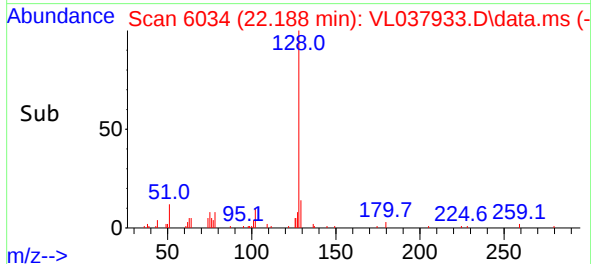
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



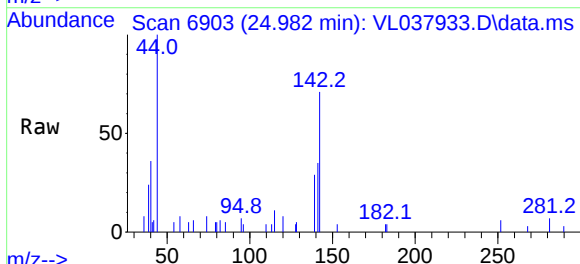
Tgt Ion:128 Resp: 7838
Ion Ratio Lower Upper
128 100
127 7.7 10.2 15.2
129 14.2 9.0 13.4

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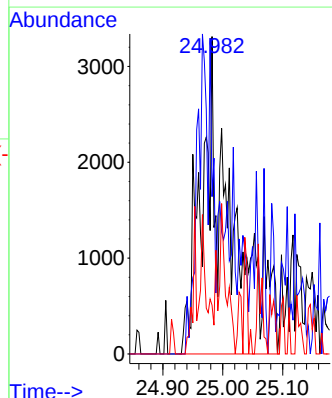
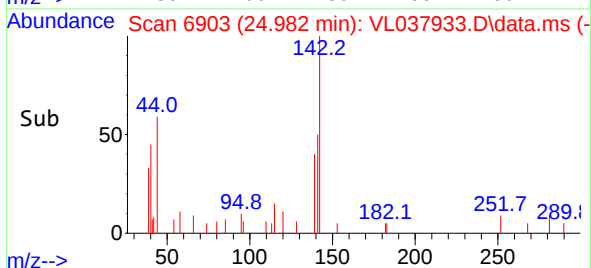
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

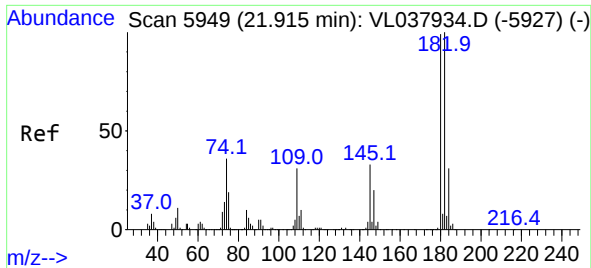


#80
Naphthalene,2-methyl-
Concen: 0.142 ppbv m
RT: 24.982 min Scan# 6903
Delta R.T. 0.019 min
Lab File: VL037933.D
Acq: 1 Nov 2021 8:44



Tgt Ion:142 Resp: 11346
Ion Ratio Lower Upper
142 100
141 69.6 66.4 99.6
115 12.0 29.0 43.4





#81
 1,2,4-Trichlorobenzene
 Concen: 0.374 ppbv m
 RT: 21.921 min Scan# 5951
 Delta R.T. 0.006 min
 Lab File: VL037933.D
 Acq: 1 Nov 2021 8:44

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:180 Resp: 71169
 Ion Ratio Lower Upper
 180 100
 182 90.6 79.3 118.9
 184 29.9 25.3 37.9

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Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021

