

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110121\
 Data File : VL037937.D
 Acq On : 1 Nov 2021 11:17
 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 11:47:20 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 11:47:20 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	5.661	49	1508448	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	4585240	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.076	117	4010442	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.404 95 2957792 10.547 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 105.500%

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	3.054	85	139482m	0.579	ppbv	
3) Chlorodifluoromethane	2.989	51	159043	0.549	ppbv	97
4) Chloromethane	3.144	50	59078	0.557	ppbv	96
5) Vinyl Chloride	3.263	62	56701	0.583	ppbv	89
6) Bromomethane	3.475	94	29318	0.557	ppbv	92
7) Chloroethane	3.555	64	21331	0.596	ppbv #	85
8) Dichlorotetrafluoroethane	3.189	85	147883	0.621	ppbv	96
9) Propene	3.015	41	58079m	0.545	ppbv	
10) Heptane	8.115	43	111788	0.462	ppbv	98
11) Trichlorofluoromethane	3.951	101	112440	0.523	ppbv	100
12) 1,1,2-Trichlorotrifluoro...	4.484	101	90162	0.554	ppbv	89
13) Ethanol	3.626	45	5573m	0.639	ppbv	
14) Bromoethene	3.742	108	40146m	0.561	ppbv	
15) Acetone	3.874	43	65170	0.481	ppbv #	88
16) 1,3-Butadiene	3.330	39	56218m	0.571	ppbv	
17) tert-Butyl alcohol	4.314	59	76413m	0.548	ppbv	
18) 1,1-Dichloroethene	4.285	96	41900m	0.566	ppbv	
19) Isopropyl Alcohol	3.986	45	41481m	0.492	ppbv	
20) Methylene Chloride	4.346	84	41169m	0.602	ppbv	
21) Allyl Chloride	4.411	41	58821	0.490	ppbv	87
22) trans-1,2-Dichloroethene	4.883	96	40985m	0.551	ppbv	
23) Vinyl Acetate	5.079	43	108630m	0.535	ppbv	
24) 1,1-Dichloroethane	5.012	63	87124	0.590	ppbv #	93
25) Ethyl Acetate	5.681	43	188123	0.495	ppbv	98
26) Hexane	5.681	57	87664m	0.469	ppbv	
27) Carbon Disulfide	4.552	76	81876	0.494	ppbv #	92
28) Methyl tert-Butyl Ether	5.047	73	79216m	0.509	ppbv	
29) Chloroform	5.745	83	141278	0.528	ppbv	94
30) Cyclohexane	7.124	84	81332m	0.513	ppbv	
31) cis-1,2-Dichloroethene	5.542	61	80398	0.473	ppbv	97
32) 1,1,1-Trichloroethane	6.507	97	131352m	0.518	ppbv	
34) 2-Butanone	5.263	43	81607m	0.441	ppbv	
35) Carbon Tetrachloride	7.012	117	133700	0.513	ppbv	93
36) Benzene	6.883	78	177258	0.453	ppbv	97
37) 1,2-Dichloroethane	6.301	62	90446m	0.490	ppbv	
38) Trichloroethene	7.825	130	78939m	0.510	ppbv	
39) 1,2-Dichloropropane	7.603	63	70800	0.481	ppbv	85
40) 1,4-Dioxane	7.864	88	19807m	0.537	ppbv	
41) Tetrahydrofuran	6.073	42	36119m	0.398	ppbv	
42) Bromodichloromethane	7.780	83	136372m	0.503	ppbv	
43) Methyl Methacrylate	8.012	69	49995m	0.391	ppbv	
44) 2,2,4-Trimethylpentane	7.864	57	296239	0.450	ppbv	92
45) t-1,3-Dichloropropene	9.266	75	34149m	0.388	ppbv	

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Nov 01 11:47:20 2021

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

Response via : Initial Calibration

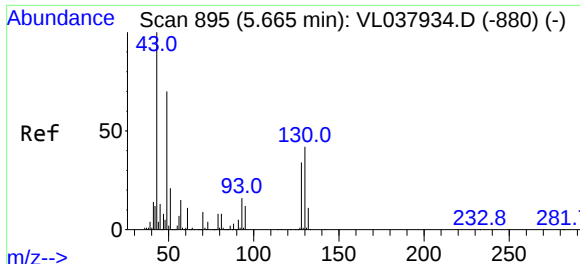
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.697	75	51289m	0.420	ppbv	
47) 1,1,2-Trichloroethane	9.459	97	81746m	0.510	ppbv	
48) Dibromochloromethane	10.291	129	101632m	0.445	ppbv	
49) Bromoform	13.031	173	76161m	0.436	ppbv	
50) 4-Methyl-2-Pentanone	8.761	43	95293m	0.395	ppbv	
51) 2-Hexanone	10.156	43	38379m	0.357	ppbv	
52) Tetrachloroethene	11.211	164	68894m	0.452	ppbv	
53) Toluene	9.799	91	171080m	0.394	ppbv	
54) 1,2-Dibromoethane	10.600	107	97539m	0.451	ppbv	
56) 1,1,1,2-Tetrachloroethane	12.118	131	88583	0.534	ppbv #	1
57) Chlorobenzene	12.134	112	173847	0.528	ppbv	97
58) Ethyl Benzene	12.703	91	220377m	0.409	ppbv	
59) m/p-Xylene	12.983	91	397010	0.859	ppbv	97
60) o-Xylene	13.687	91	202122m	0.456	ppbv	
61) Styrene	13.523	104	66606m	0.311	ppbv	
62) Isopropylbenzene	14.655	105	300635m	0.487	ppbv	
63) 1,1,2,2-Tetrachloroethane	13.664	83	179673m	0.526	ppbv	
64) n-propylbenzene	15.552	120	70987m	0.461	ppbv	
65) tert-Butylbenzene	16.735	119	248664	0.457	ppbv	95
66) Benzyl Chloride	16.976	91	12195m	0.454	ppbv	
67) sec-Butylbenzene	17.281	105	343870	0.462	ppbv	100
69) p-Isopropyltoluene	17.642	119	268650m	0.447	ppbv	
70) n-Butylbenzene	18.545	91	222770	0.390	ppbv	99
71) 2-Chlorotoluene	15.445	91	189268m	0.434	ppbv	
72) 4-Ethyltoluene	15.828	105	202639	0.403	ppbv #	97
73) 1,3,5-Trimethylbenzene	15.982	105	205253m	0.449	ppbv	
74) 1,2,4-Trimethylbenzene	16.751	105	227481	0.474	ppbv	94
75) 1,3-Dichlorobenzene	16.986	146	153923m	0.518	ppbv	
76) 1,4-Dichlorobenzene	17.127	146	151368m	0.534	ppbv	
77) 1,2-Dichlorobenzene	17.809	146	147547m	0.517	ppbv	
78) Hexachloro-1,3-Butadiene	23.358	225	136236m	0.584	ppbv	
79) Naphthalene	22.198	128	85770m	0.292	ppbv	
80) Naphthalene,2-methyl-	24.979	142	12477m	0.158	ppbv	
81) 1,2,4-Trichlorobenzene	21.921	180	74281m	0.395	ppbv	

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

Manual Integrations APPROVED

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Nov
QLast Update : Mon Nov 01 11:08:47 2021
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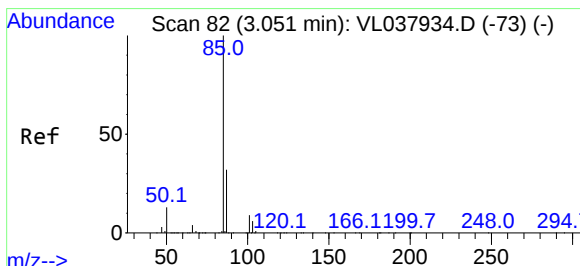
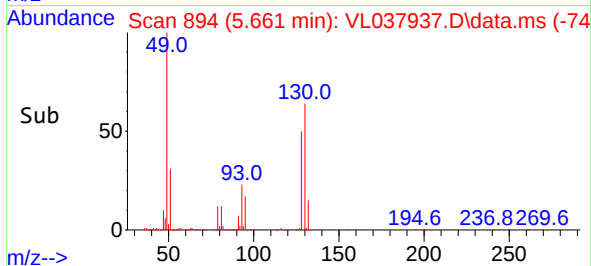
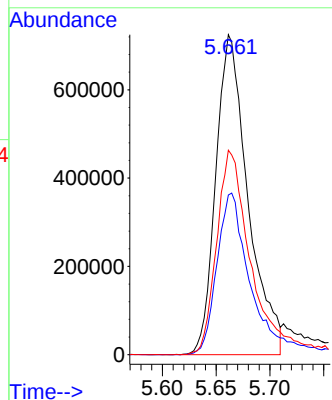
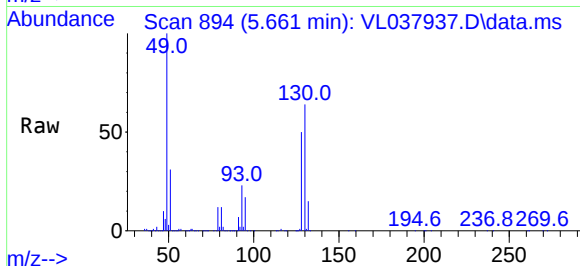
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 895
Delta R.T. -0.003 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 49 Resp: 150844
Ion Ratio Lower Upper
49 100
128 55.4 27.0 81.0
130 72.0 33.4 100.2

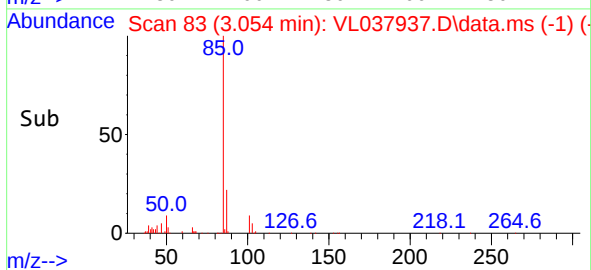
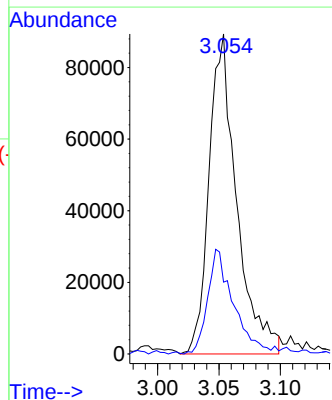
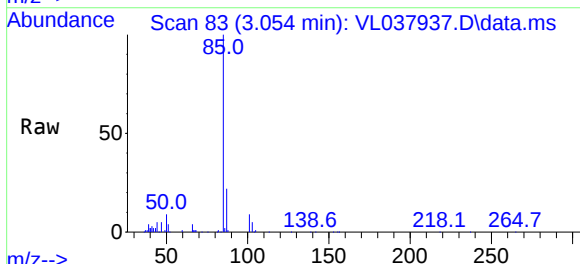
Manual Integrations
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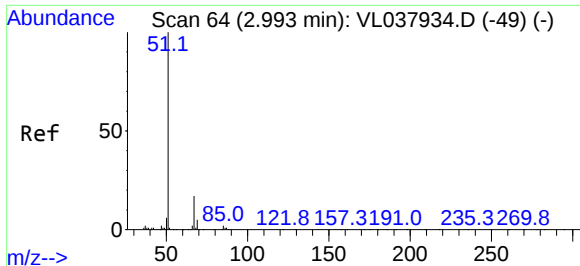
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#2
Dichlorodifluoromethane
Concen: 0.579 ppbv m
RT: 3.054 min Scan# 83
Delta R.T. 0.003 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion: 85 Resp: 139482
Ion Ratio Lower Upper
85 100
87 22.4 25.3 37.9#





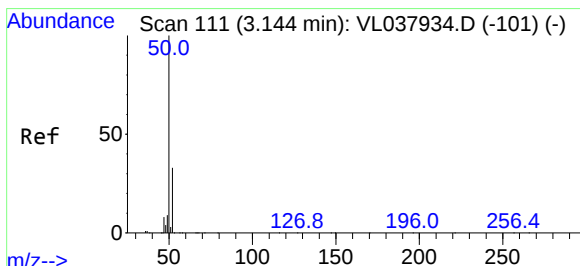
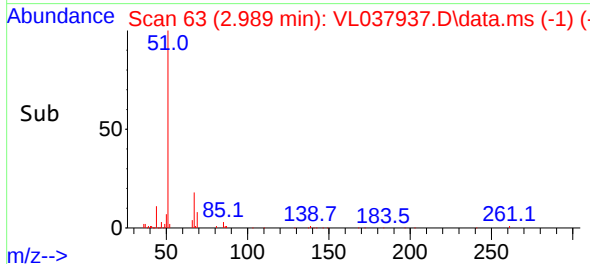
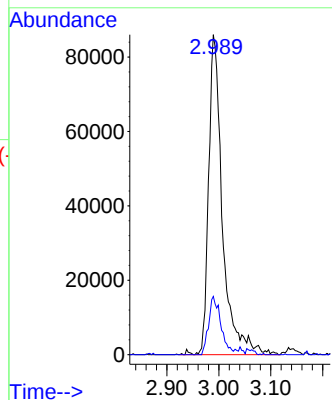
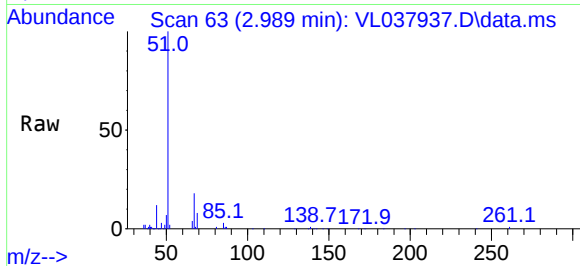
#3
Chlorodifluoromethane
Concen: 0.549 ppbv
RT: 2.989 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5

Tgt Ion: 51 Resp: 15904
Ion Ratio Lower Upper
51 100
67 18.0 13.4 20.0

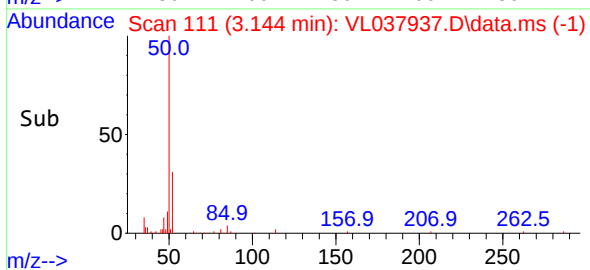
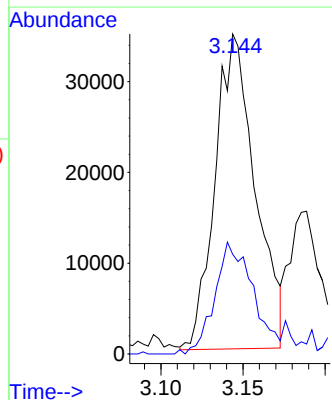
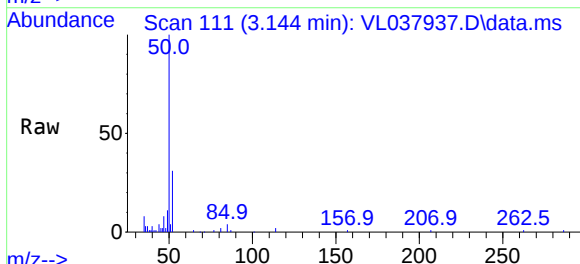
Manual Integrations
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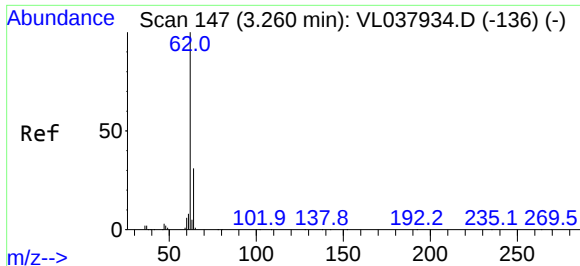
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#4
Chloromethane
Concen: 0.557 ppbv
RT: 3.144 min Scan# 111
Delta R.T. -0.000 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion: 50 Resp: 59078
Ion Ratio Lower Upper
50 100
52 30.4 26.3 39.5





#5
 Vinyl Chloride
 Concen: 0.583 ppbv
 RT: 3.263 min Scan# 147
 Delta R.T. 0.003 min
 Lab File: VL037937.D
 Acq: 1 Nov 2021 11:17

Instrument :

MSVOA_L

ClientSampleId :

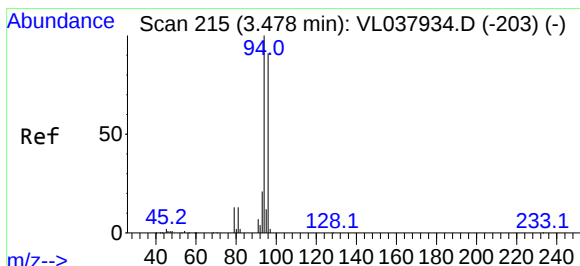
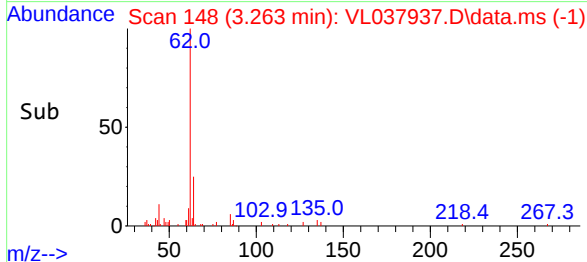
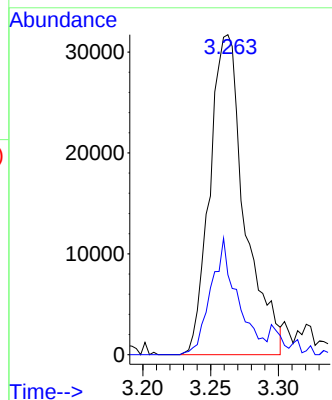
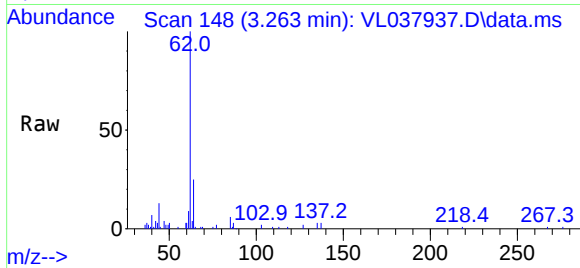
VSTDICC0.5

Tgt Ion: 62 Resp: 5670
 Ion Ratio Lower Upper
 62 100
 64 25.0 24.7 37.1

Manual Integrations

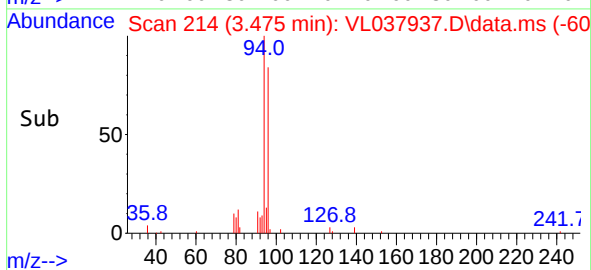
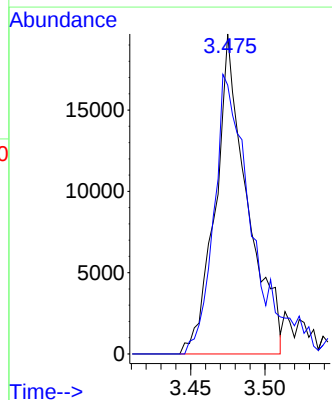
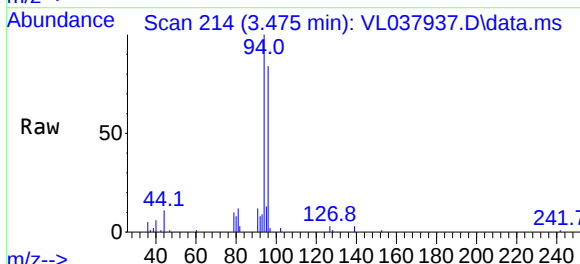
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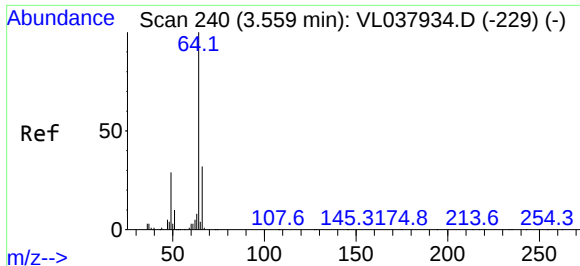
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#6
 Bromomethane
 Concen: 0.557 ppbv
 RT: 3.475 min Scan# 214
 Delta R.T. -0.003 min
 Lab File: VL037937.D
 Acq: 1 Nov 2021 11:17

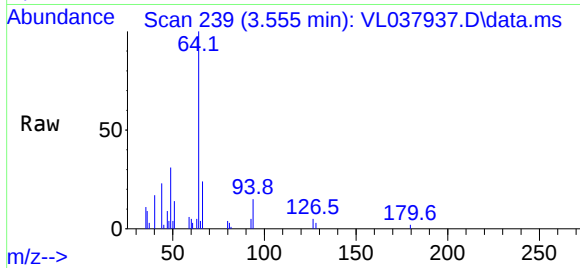
Tgt Ion: 94 Resp: 29318
 Ion Ratio Lower Upper
 94 100
 96 84.0 73.0 109.4





#7
Chloroethane
Concen: 0.596 ppbv
RT: 3.555 min Scan# 2133
Delta R.T. -0.003 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

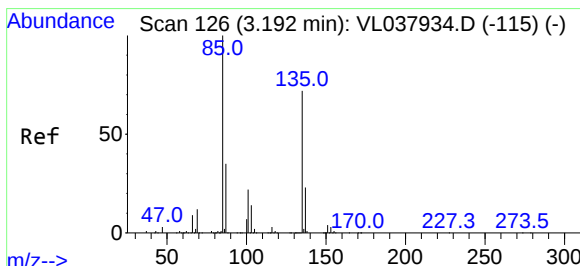
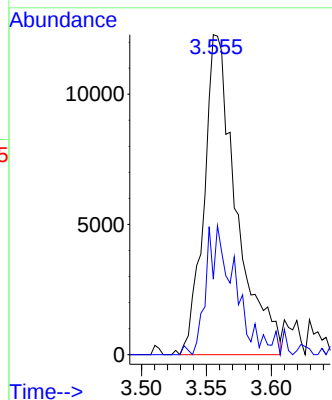
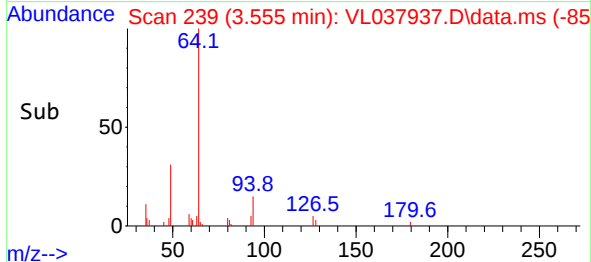
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



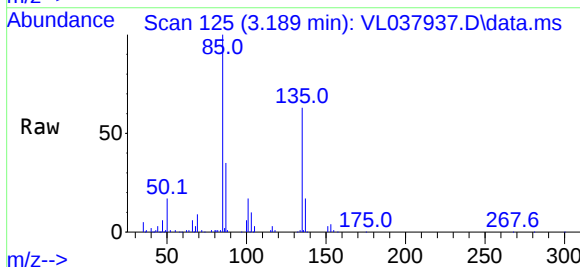
Tgt Ion: 64 Resp: 2133
Ion Ratio Lower Upper
64 100
66 23.6 25.5 38.3

Manual Integrations
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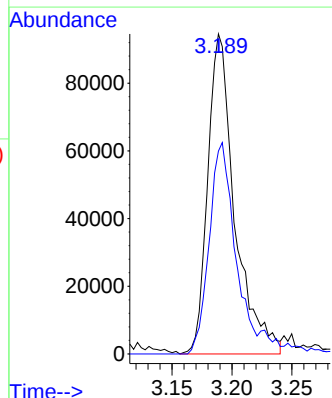
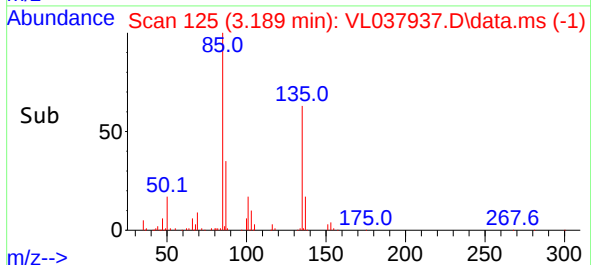
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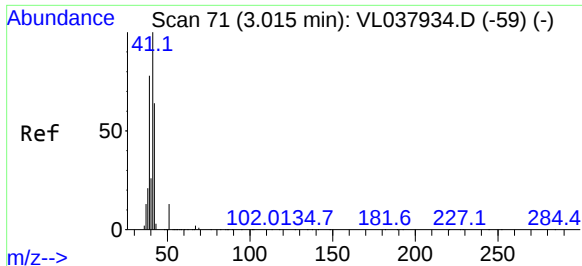


#8
Dichlorotetrafluoroethane
Concen: 0.621 ppbv
RT: 3.189 min Scan# 125
Delta R.T. -0.003 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17



Tgt Ion: 85 Resp: 147883
Ion Ratio Lower Upper
85 100
135 70.2 58.8 88.2





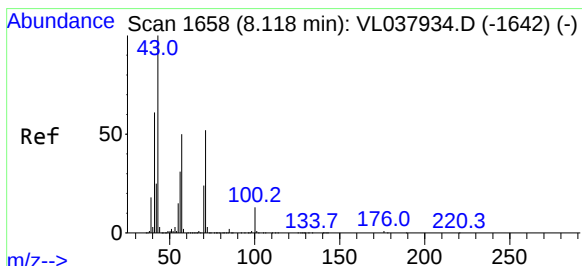
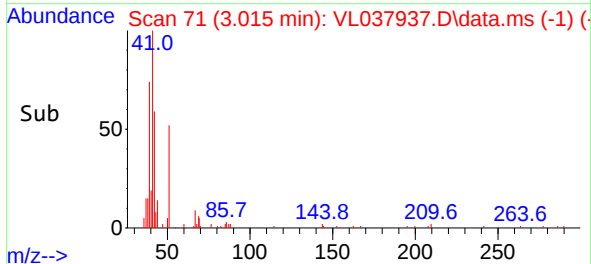
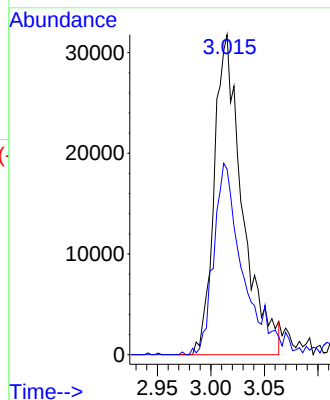
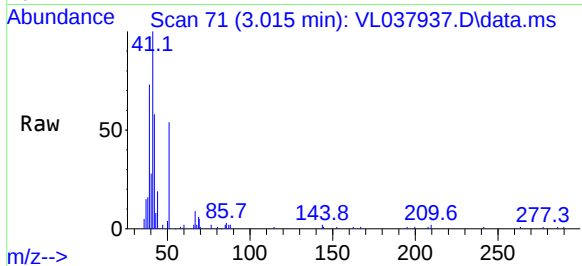
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Propene
Concen: 0.545 ppbv m
RT: 3.015 min Scan# 71
Delta R.T. -0.000 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 41 Resp: 58079
Ion Ratio Lower Upper
41 100
42 63.7 57.6 86.4

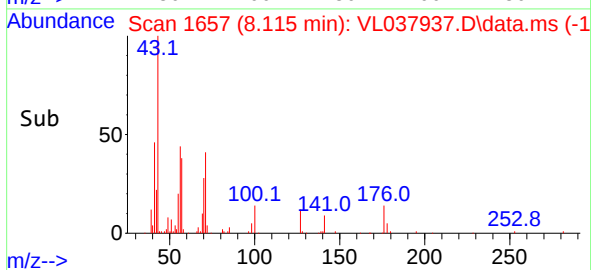
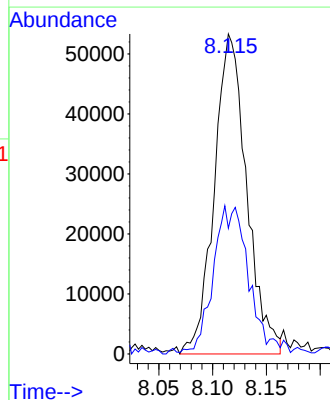
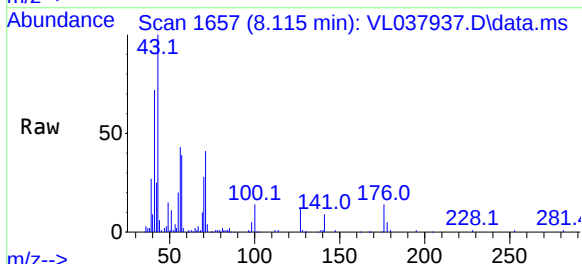
Manual Integrations
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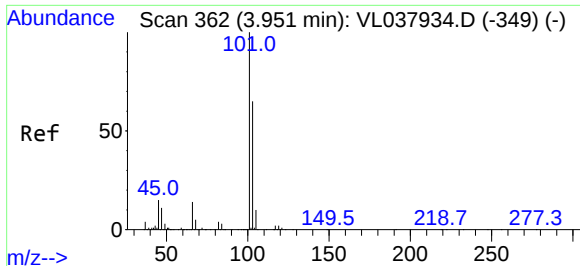
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#10
Heptane
Concen: 0.462 ppbv
RT: 8.115 min Scan# 1657
Delta R.T. -0.003 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

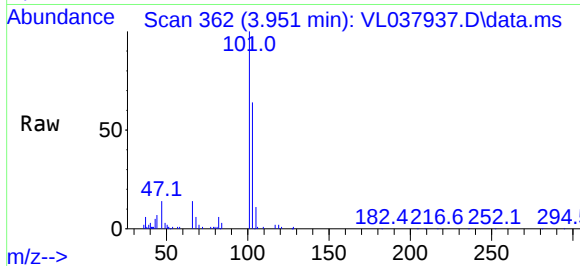
Tgt Ion: 43 Resp: 111788
Ion Ratio Lower Upper
43 100
57 51.3 39.8 59.8





#11
Trichlorofluoromethane
Concen: 0.523 ppbv
RT: 3.951 min Scan# 301
Delta R.T. -0.000 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

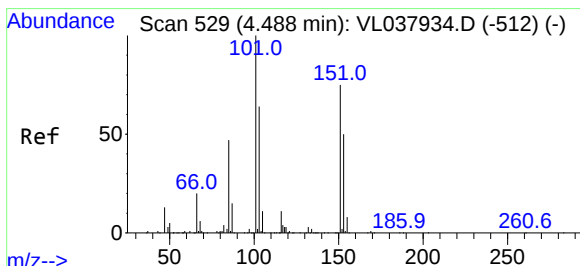
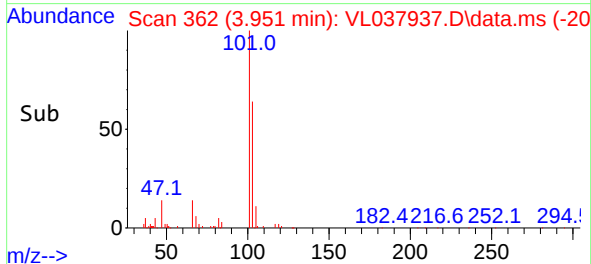
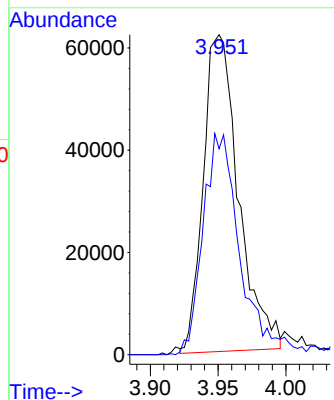
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



Tgt Ion:101 Resp: 112440
Ion Ratio Lower Upper
101 100
103 64.8 52.0 78.0

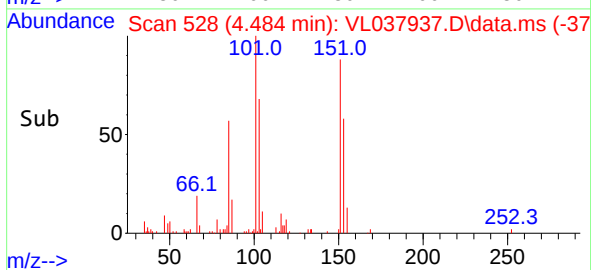
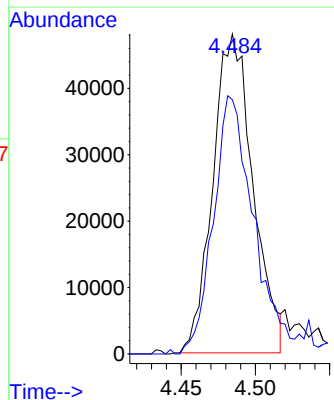
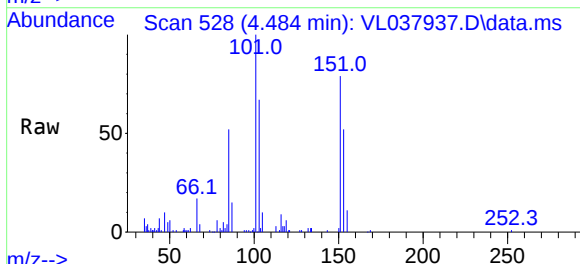
Manual Integrations
APPROVED

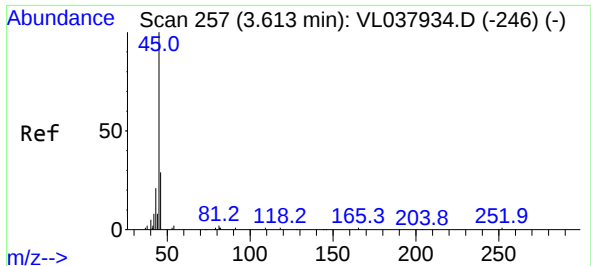
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#12
1,1,2-Trichlorotrifluoroethane
Concen: 0.554 ppbv
RT: 4.484 min Scan# 528
Delta R.T. -0.003 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion:101 Resp: 90162
Ion Ratio Lower Upper
101 100
151 86.7 61.8 92.8





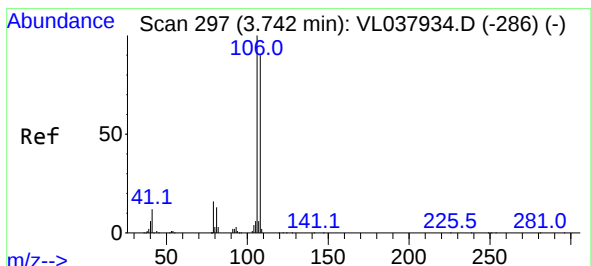
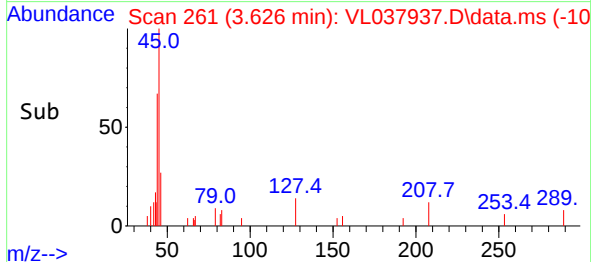
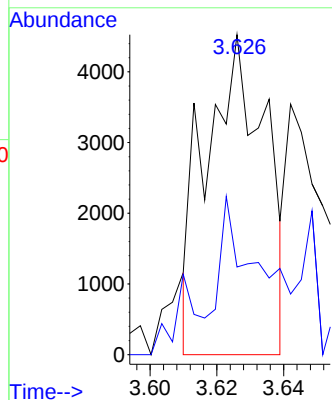
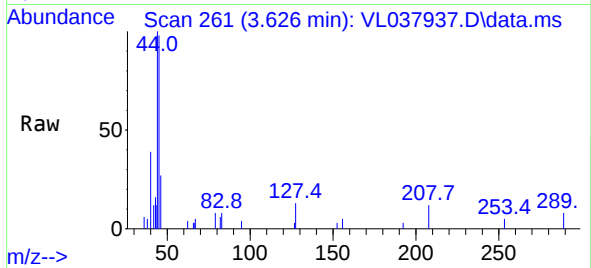
#13
Ethanol
Concen: 0.639 ppbv m
RT: 3.626 min Scan# 257
Delta R.T. 0.013 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 45 Resp: 557
Ion Ratio Lower Upper
45 100
46 0.0 17.4 69.8

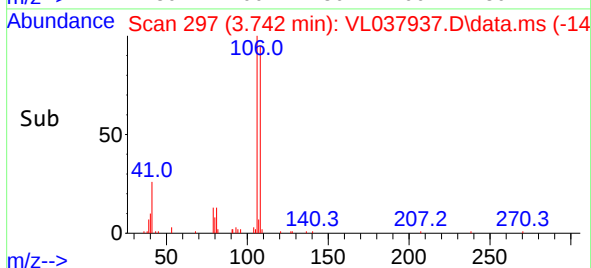
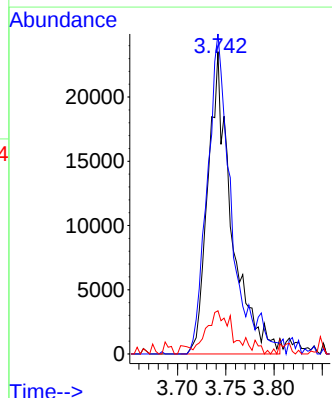
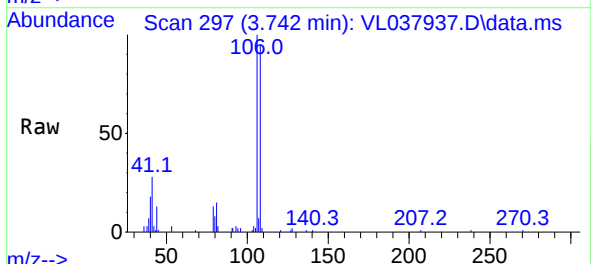
Manual Integrations
APPROVED

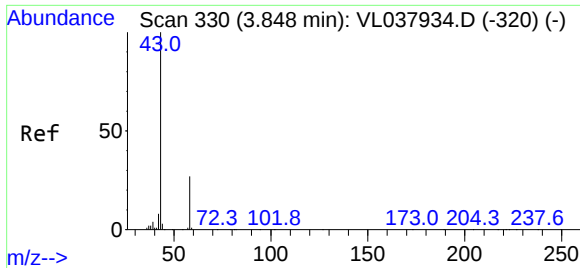
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#14
Bromoethene
Concen: 0.561 ppbv m
RT: 3.742 min Scan# 297
Delta R.T. -0.000 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

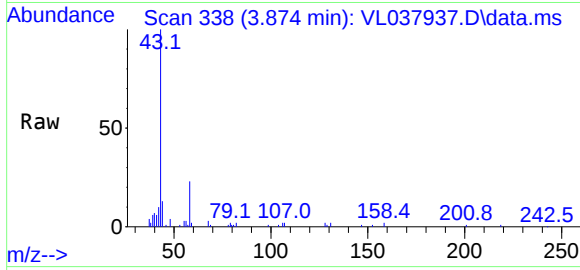
Tgt Ion:108 Resp: 40146
Ion Ratio Lower Upper
108 100
106 111.5 88.4 132.6
79 19.1 12.4 18.6





#15
Acetone
Concen: 0.481 ppbv
RT: 3.874 min Scan# 31
Delta R.T. 0.026 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

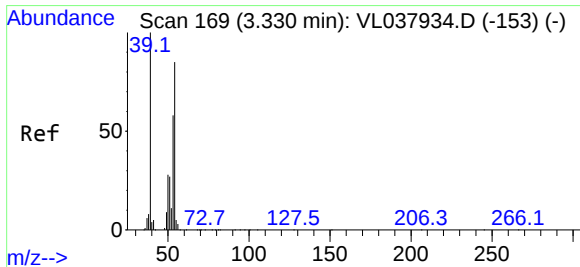
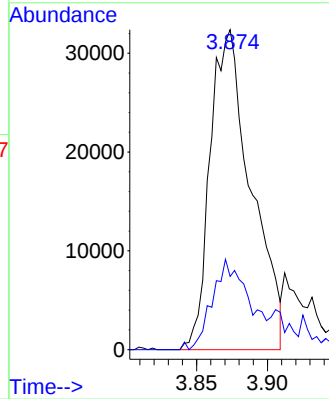
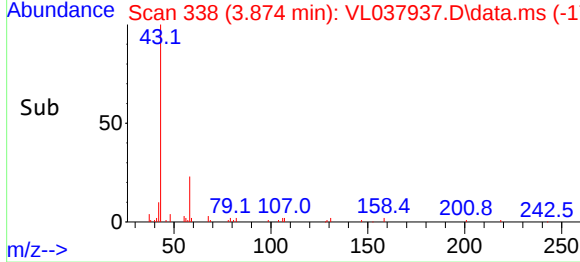
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



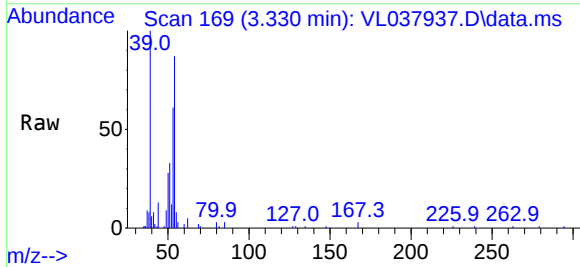
Tgt Ion: 43 Resp: 65170
Ion Ratio Lower Upper
43 100
58 35.6 23.3 34.9

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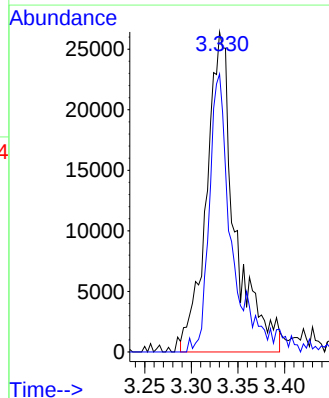
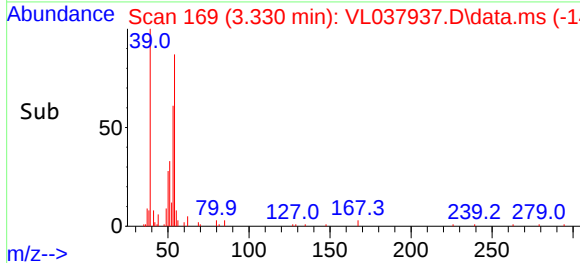
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

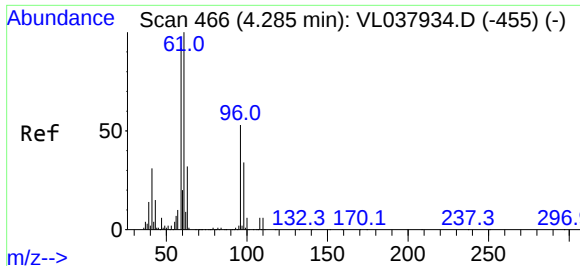


#16
1,3-Butadiene
Concen: 0.571 ppbv m
RT: 3.330 min Scan# 169
Delta R.T. -0.000 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17



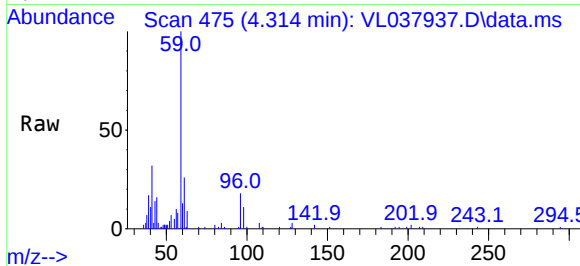
Tgt Ion: 39 Resp: 56218
Ion Ratio Lower Upper
39 100
54 70.4 62.6 93.8





#17
tert-Butyl alcohol
Concen: 0.548 ppbv m
RT: 4.314 min Scan# 475
Delta R.T. 0.029 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

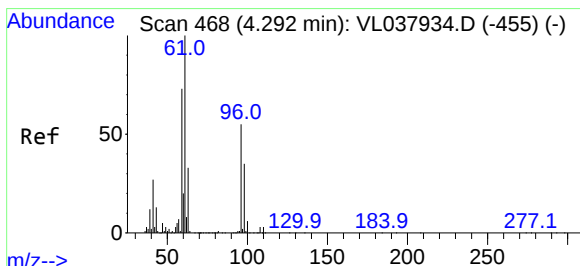
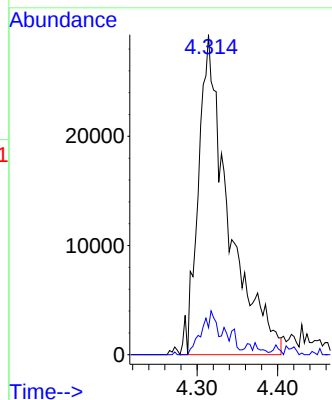
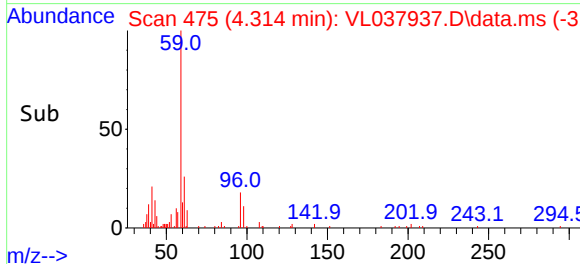
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



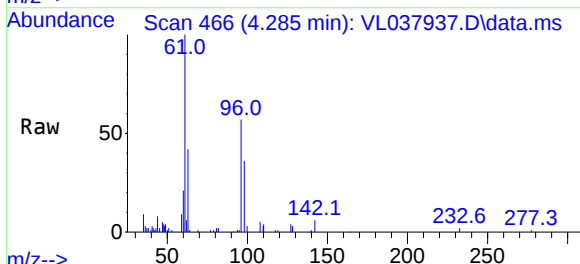
Tgt Ion: 59 Resp: 7641
Ion Ratio Lower Upper
59 100
57 0.0 8.9 13.3

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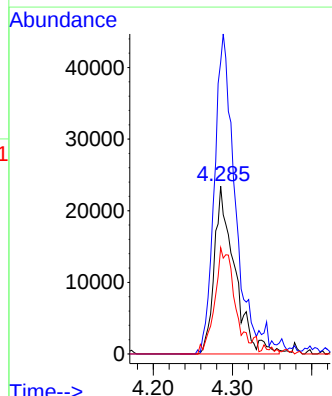
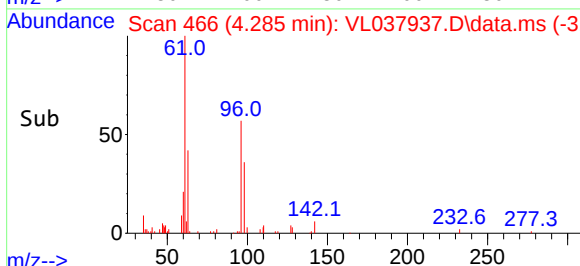
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

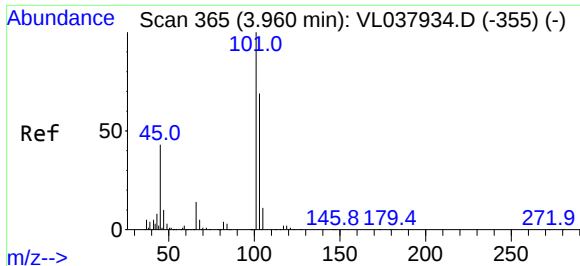


#18
1,1-Dichloroethene
Concen: 0.566 ppbv m
RT: 4.285 min Scan# 466
Delta R.T. -0.006 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17



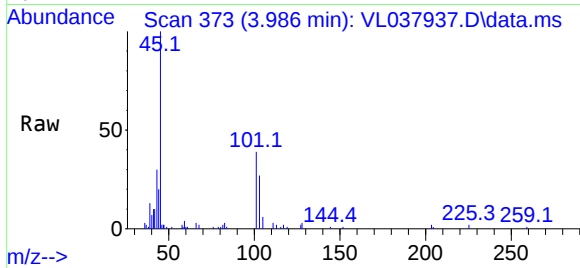
Tgt Ion: 96 Resp: 41900
Ion Ratio Lower Upper
96 100
61 174.0 144.3 216.5
98 63.4 50.5 75.7





#19
Isopropyl Alcohol
Concen: 0.492 ppbv m
RT: 3.986 min Scan# 31
Delta R.T. 0.026 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

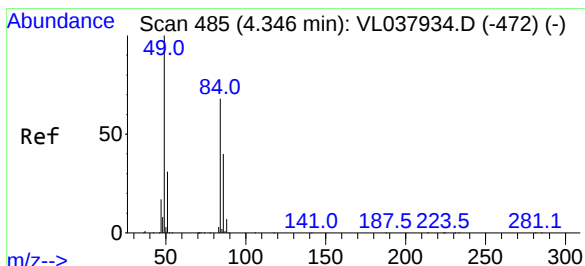
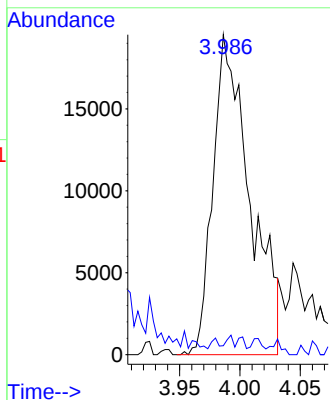
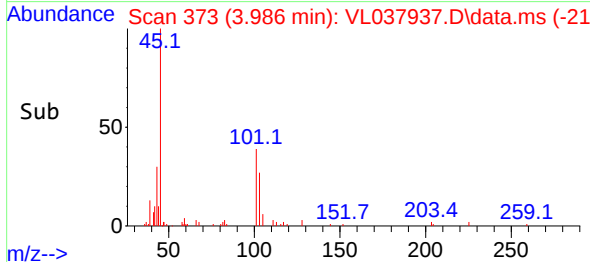
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



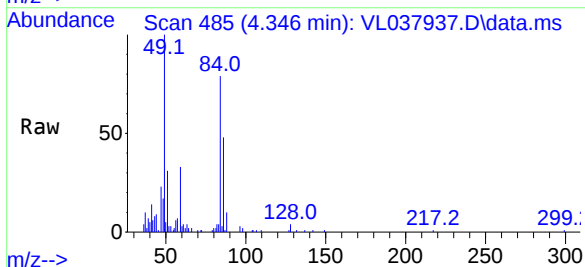
Tgt Ion: 45 Resp: 4148
Ion Ratio Lower Upper
45 100
58 9.0 4.0 6.0

Manual Integrations
APPROVED

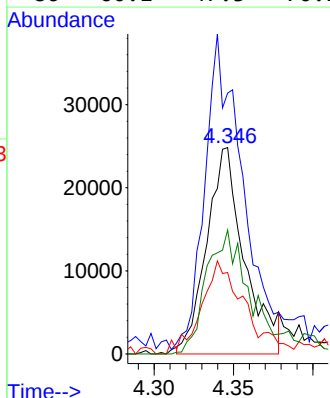
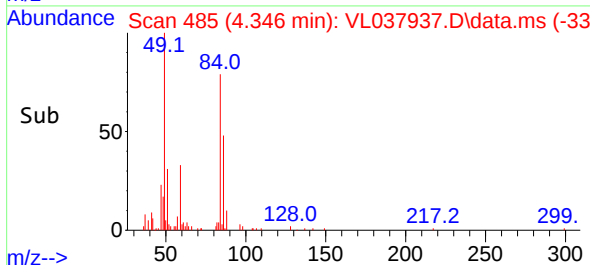
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

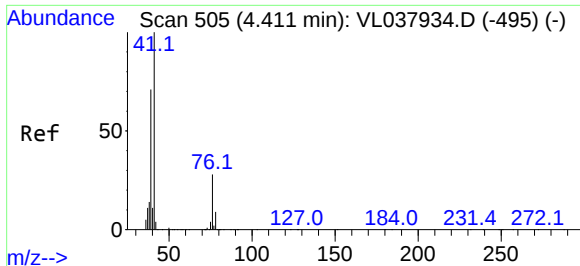


#20
Methylene Chloride
Concen: 0.602 ppbv m
RT: 4.346 min Scan# 485
Delta R.T. -0.000 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17



Tgt Ion: 84 Resp: 41169
Ion Ratio Lower Upper
84 100
49 126.4 117.5 176.3
51 39.5 35.9 53.9
86 60.1 47.3 70.9





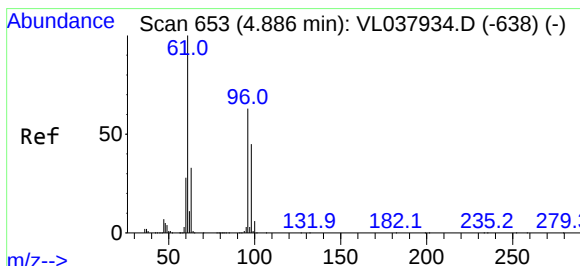
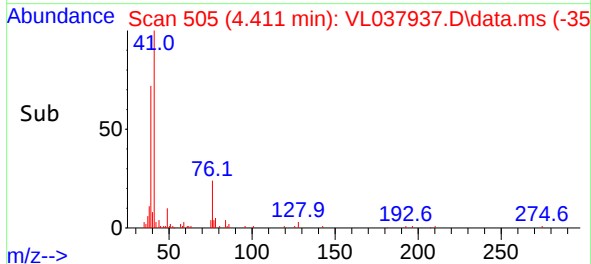
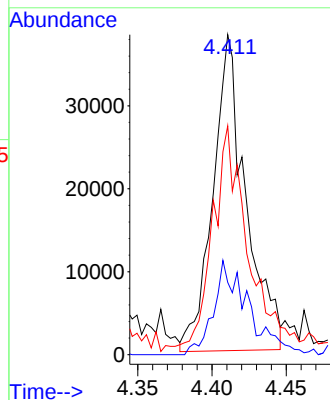
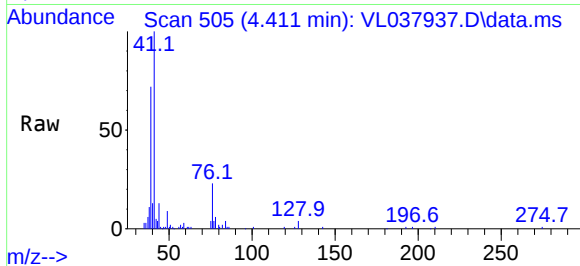
#21
 Allyl Chloride
 Concen: 0.490 ppbv
 RT: 4.411 min Scan# 505
 Delta R.T. -0.000 min
 Lab File: VL037937.D
 Acq: 1 Nov 2021 11:17

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion: 41 Resp: 5882
 Ion Ratio Lower Upper
 41 100
 76 32.8 23.6 35.4
 39 87.5 59.7 89.5

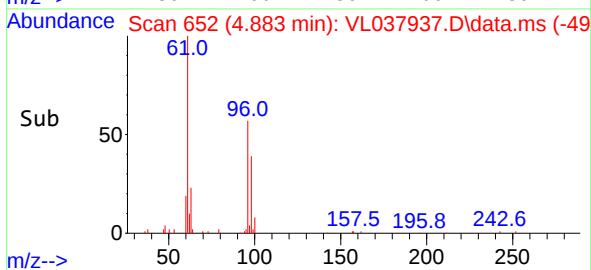
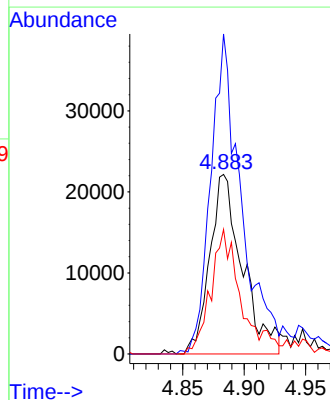
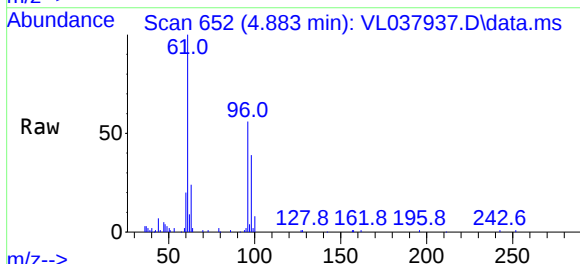
Manual Integrations
 APPROVED

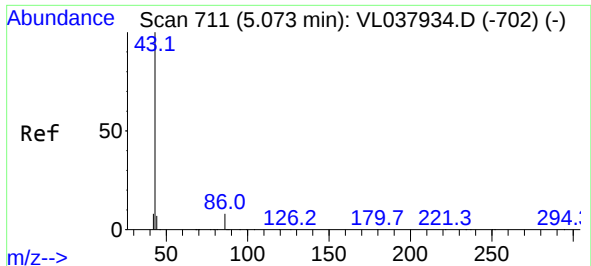
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#22
 trans-1,2-Dichloroethene
 Concen: 0.551 ppbv m
 RT: 4.883 min Scan# 652
 Delta R.T. -0.003 min
 Lab File: VL037937.D
 Acq: 1 Nov 2021 11:17

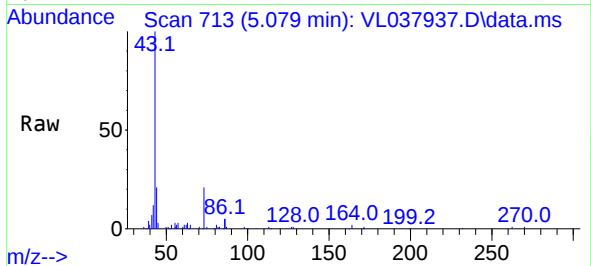
Tgt Ion: 96 Resp: 40985
 Ion Ratio Lower Upper
 96 100
 61 178.2 127.8 191.6
 98 69.3 56.9 85.3





#23
 Vinyl Acetate
 Concen: 0.535 ppbv m
 RT: 5.079 min Scan# 711
 Delta R.T. 0.006 min
 Lab File: VL037937.D
 Acq: 1 Nov 2021 11:17

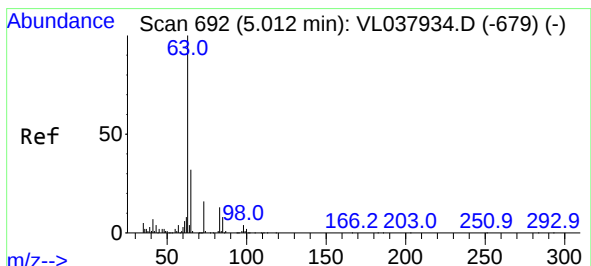
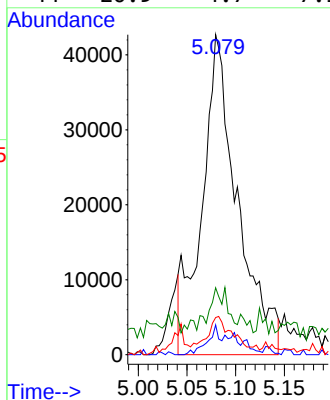
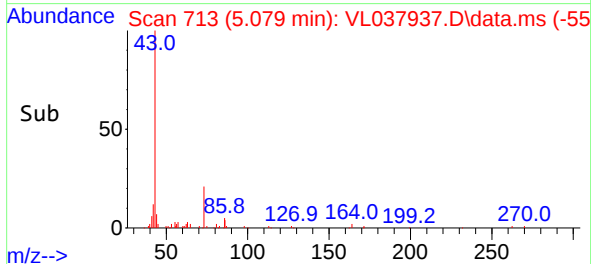
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



Tgt Ion: 43 Resp: 108630
 Ion Ratio Lower Upper
 43 100
 86 4.7 5.5 8.3#
 42 11.6 7.4 11.2#
 44 20.9 4.7 7.1#

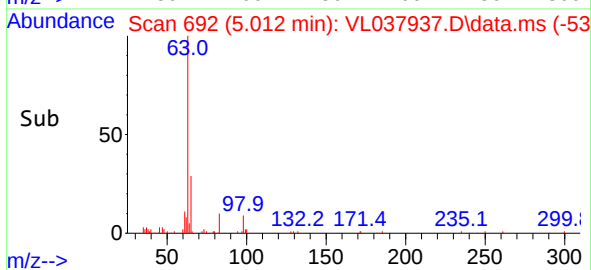
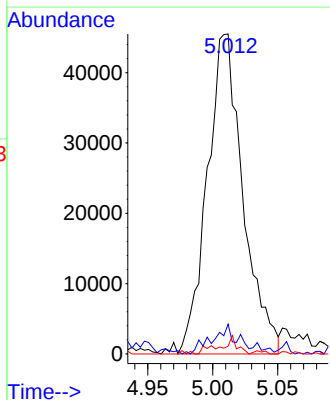
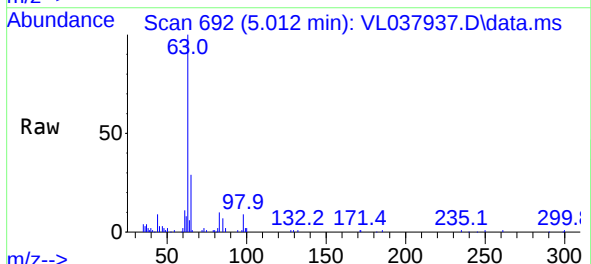
Manual Integrations
 APPROVED

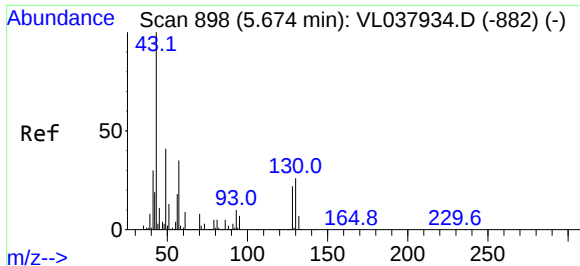
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#24
 1,1-Dichloroethane
 Concen: 0.590 ppbv
 RT: 5.012 min Scan# 692
 Delta R.T. -0.000 min
 Lab File: VL037937.D
 Acq: 1 Nov 2021 11:17

Tgt Ion: 63 Resp: 87124
 Ion Ratio Lower Upper
 63 100
 98 8.3 2.3 6.9#
 100 2.4 1.2 3.6





#25
Ethyl Acetate
Concen: 0.495 ppbv
RT: 5.681 min Scan# 900
Delta R.T. 0.006 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

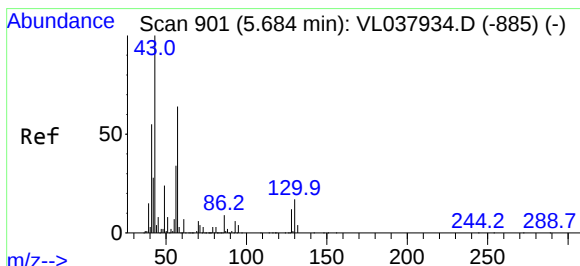
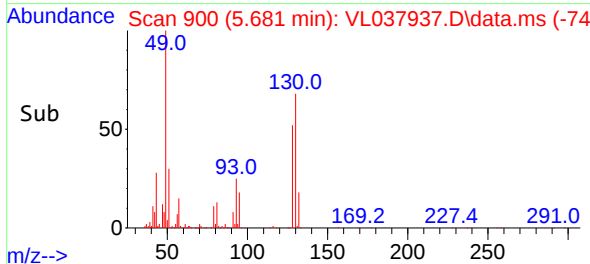
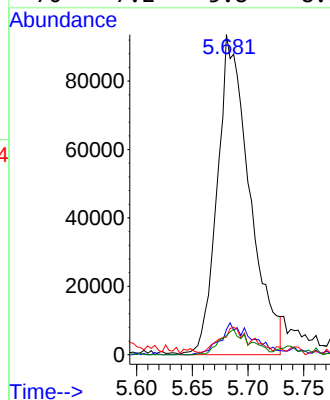
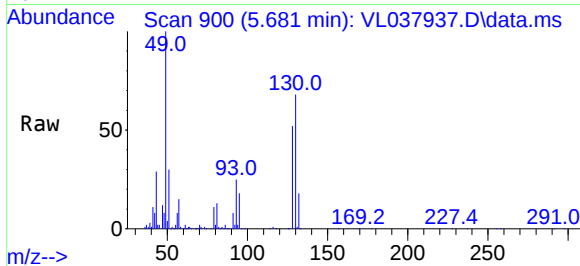
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 43 Resp: 18812

Ion	Ratio	Lower	Upper
43	100		
45	11.7	8.1	12.1
61	10.0	8.1	12.1
70	7.2	5.8	8.6

Manual Integrations
APPROVED

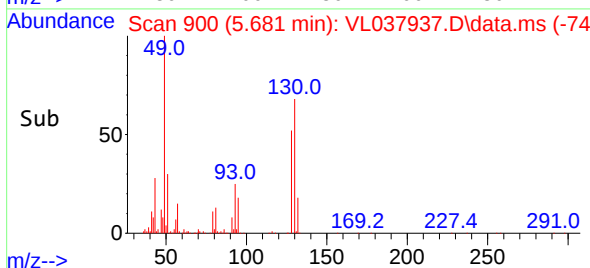
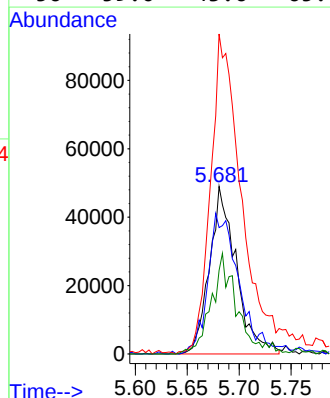
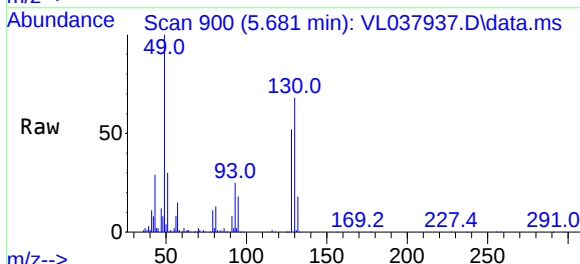
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

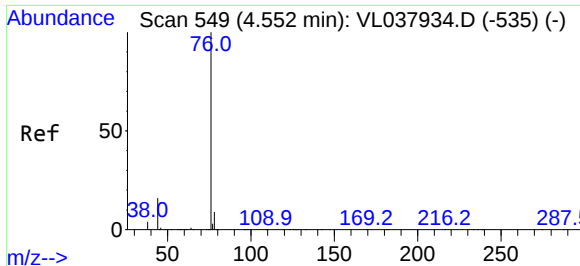


#26
Hexane
Concen: 0.469 ppbv m
RT: 5.681 min Scan# 900
Delta R.T. -0.003 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion: 57 Resp: 87664

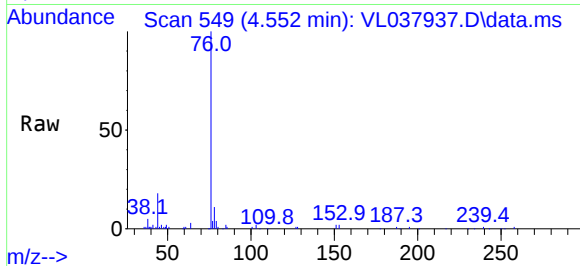
Ion	Ratio	Lower	Upper
57	100		
41	101.1	71.0	106.6
43	236.2	173.0	259.6
56	59.0	43.6	65.4





#27
Carbon Disulfide
Concen: 0.494 ppbv
RT: 4.552 min Scan# 549
Delta R.T. -0.000 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

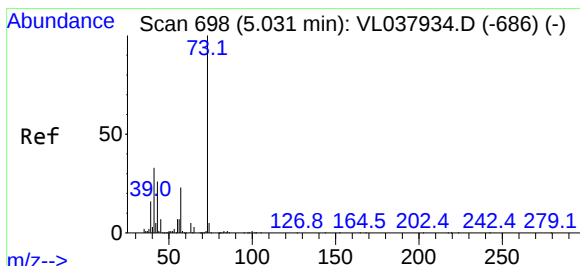
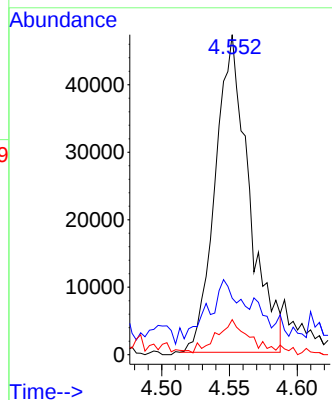
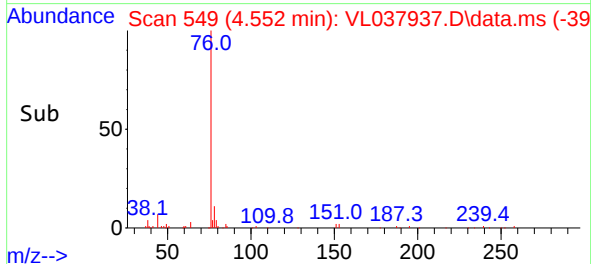
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



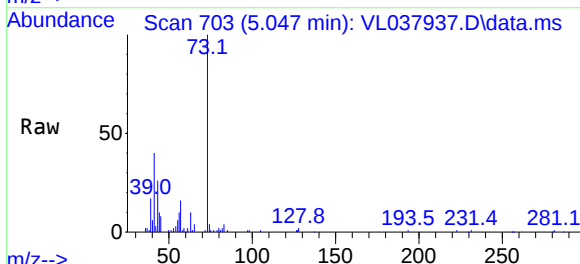
Tgt Ion: 76 Resp: 81870
Ion Ratio Lower Upper
76 100
44 19.4 13.2 19.8
78 12.4 7.2 10.8

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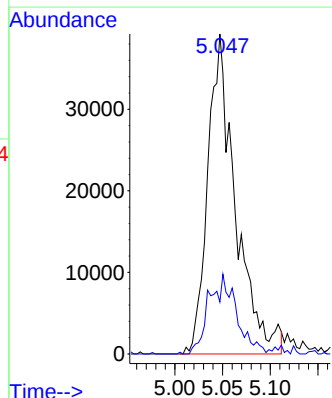
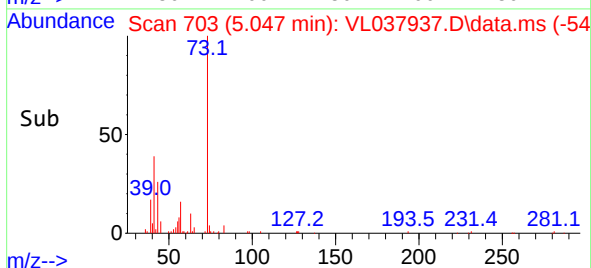
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

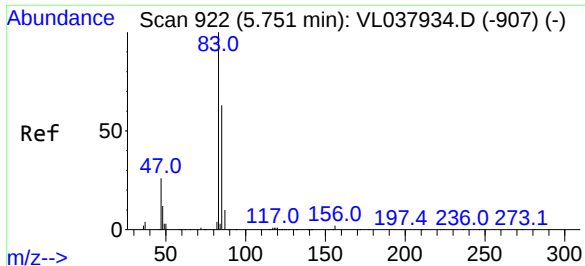


#28
Methyl tert-Butyl Ether
Concen: 0.509 ppbv m
RT: 5.047 min Scan# 703
Delta R.T. 0.016 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17



Tgt Ion: 73 Resp: 79216
Ion Ratio Lower Upper
73 100
57 25.9 20.1 30.1





#29

Chloroform

Concen: 0.528 ppbv

RT: 5.745 min Scan# 91

Delta R.T. -0.006 min

Lab File: VL037937.D

Acq: 1 Nov 2021 11:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

Tgt Ion: 83 Resp: 141278

Ion Ratio Lower Upper

83 100

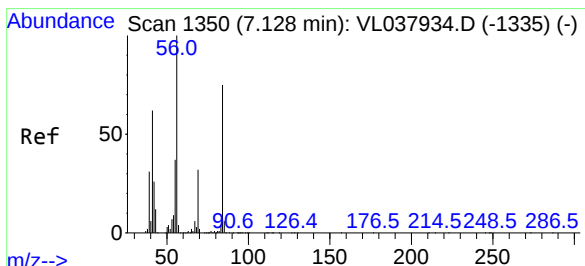
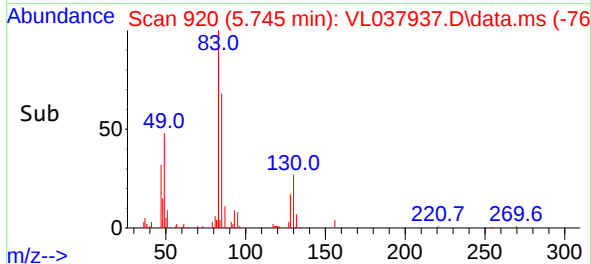
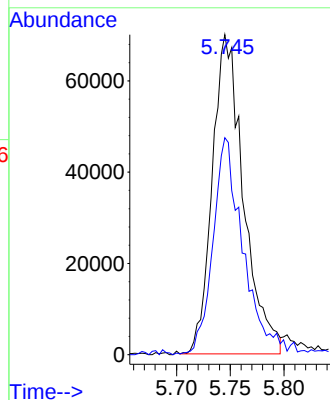
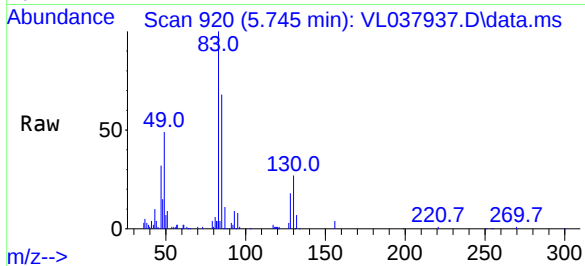
85 67.7 50.6 76.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/05/2021

Supervised By :Mahesh Dadoda 11/10/2021



#30

Cyclohexane

Concen: 0.513 ppbv m

RT: 7.124 min Scan# 1349

Delta R.T. -0.003 min

Lab File: VL037937.D

Acq: 1 Nov 2021 11:17

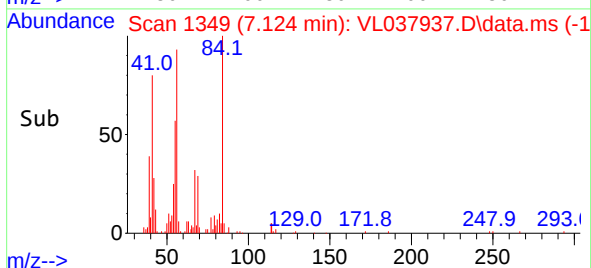
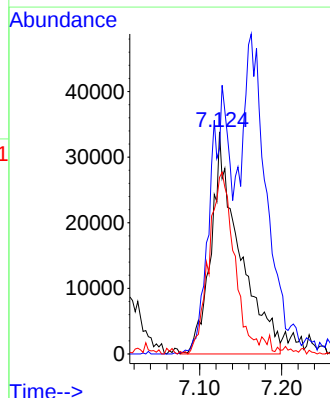
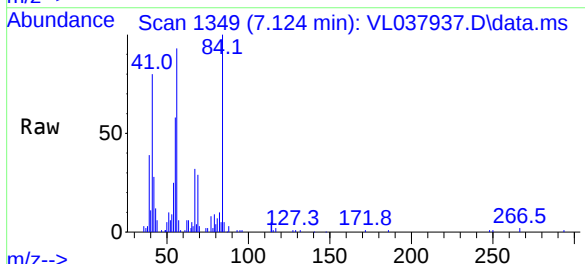
Tgt Ion: 84 Resp: 81332

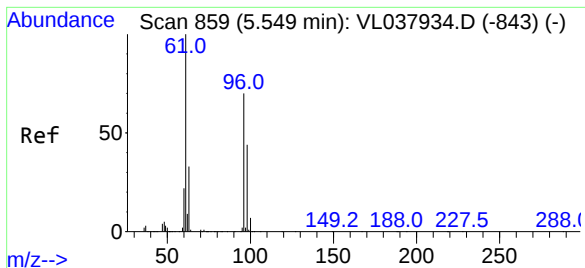
Ion Ratio Lower Upper

84 100

56 0.0 114.0 171.0#

41 78.1 68.3 102.5





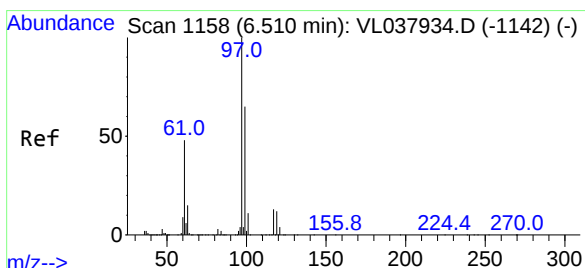
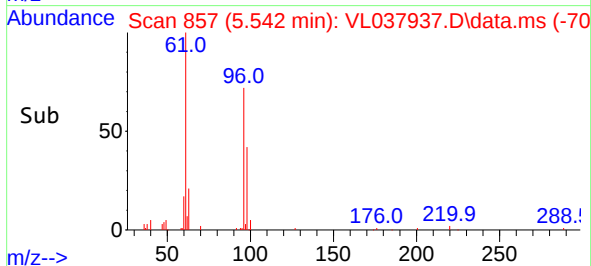
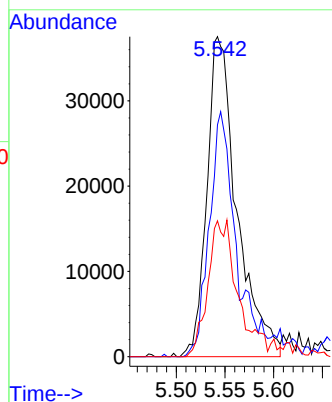
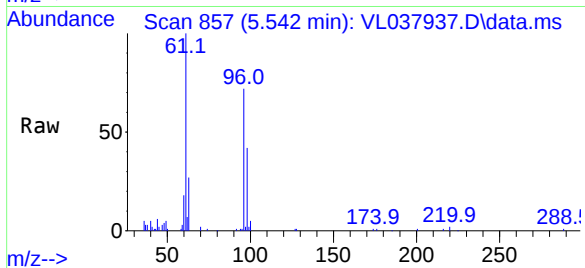
#31
cis-1,2-Dichloroethene
Concen: 0.473 ppbv
RT: 5.542 min Scan# 80
Delta R.T. -0.006 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 61 Resp: 80398
Ion Ratio Lower Upper
61 100
96 72.5 55.6 83.4
98 42.4 34.9 52.3

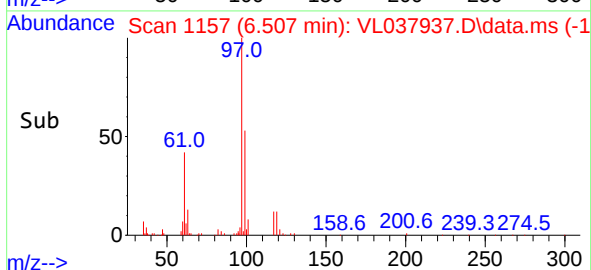
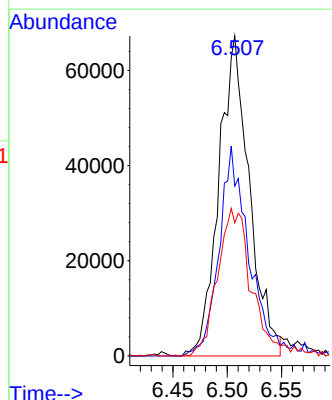
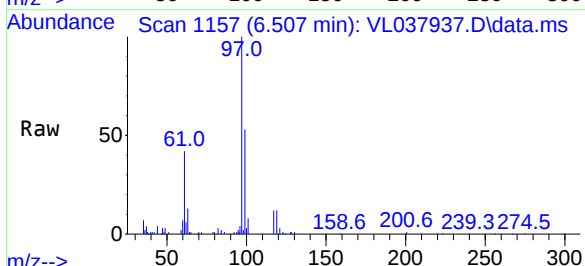
Manual Integrations
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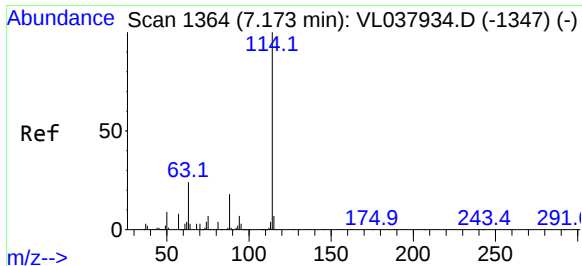
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#32
1,1,1-Trichloroethane
Concen: 0.518 ppbv m
RT: 6.507 min Scan# 1157
Delta R.T. -0.003 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

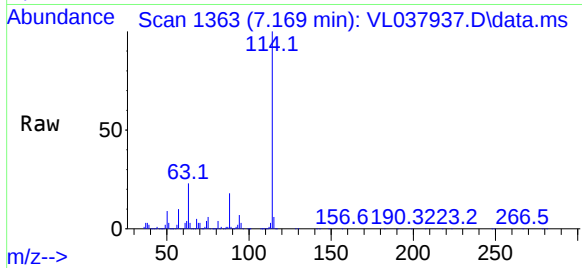
Tgt Ion: 97 Resp: 131352
Ion Ratio Lower Upper
97 100
99 65.5 52.2 78.4
61 52.5 39.8 59.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 114
Delta R.T. -0.003 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

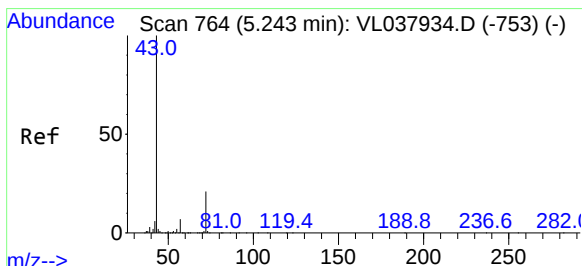
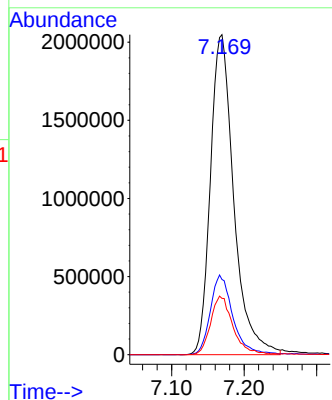
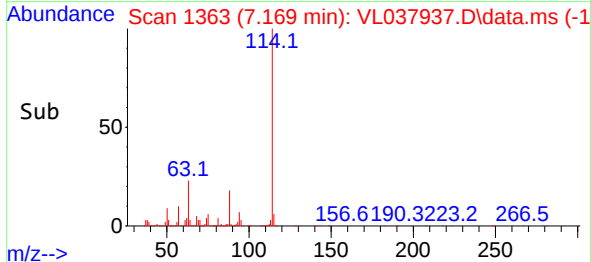
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



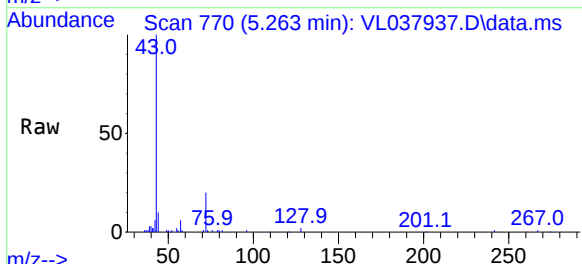
Tgt Ion:114 Resp: 4585240
Ion Ratio Lower Upper
114 100
63 24.5 19.4 29.0
88 17.9 14.2 21.4

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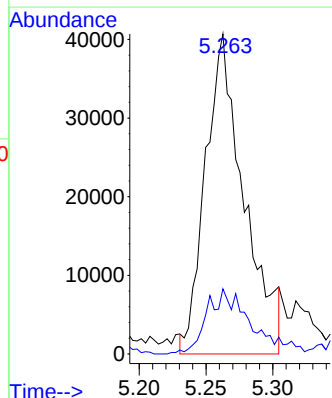
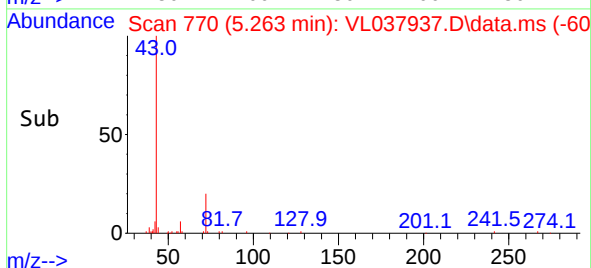
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

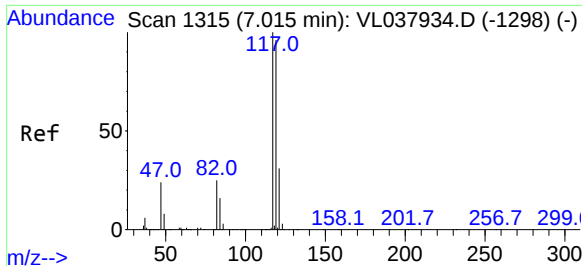


#34
2-Butanone
Concen: 0.441 ppbv m
RT: 5.263 min Scan# 770
Delta R.T. 0.019 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17



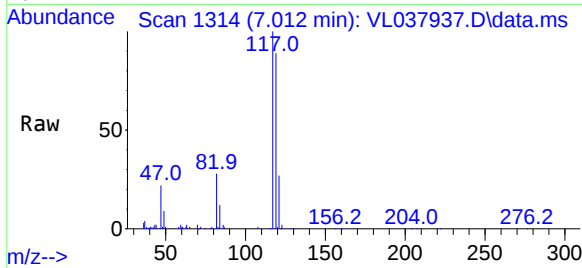
Tgt Ion: 43 Resp: 81607
Ion Ratio Lower Upper
43 100
72 24.8 18.3 27.5





#35
Carbon Tetrachloride
Concen: 0.513 ppbv
RT: 7.012 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

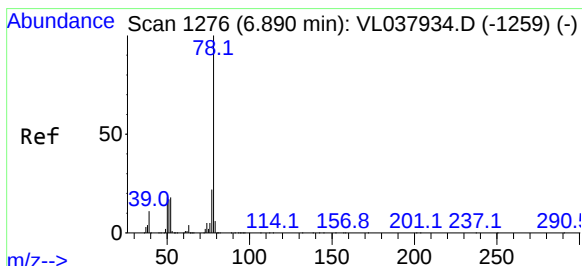
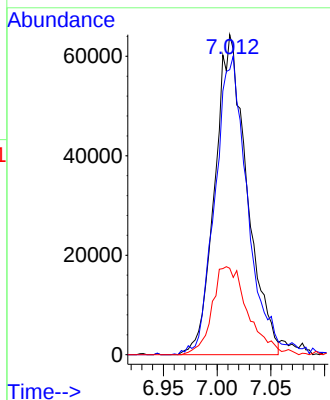
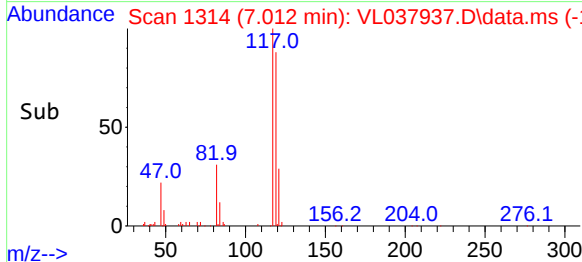
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



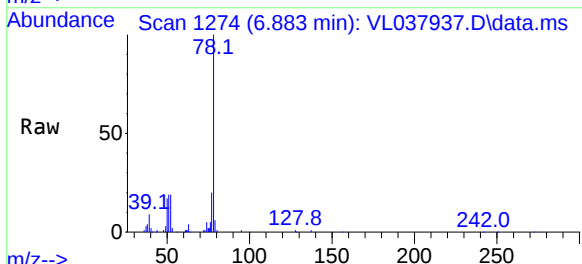
Tgt Ion: 117 Resp: 133700
Ion Ratio Lower Upper
117 100
119 89.1 76.6 114.8
121 27.0 25.1 37.7

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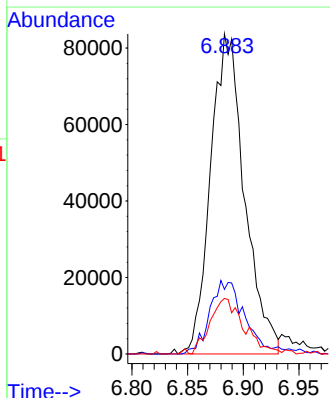
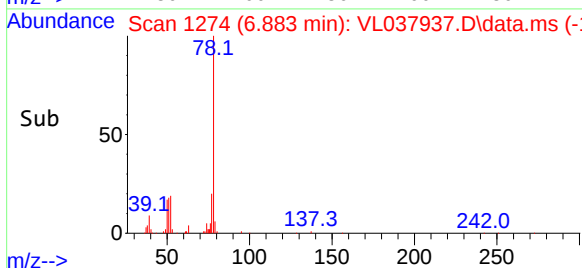
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

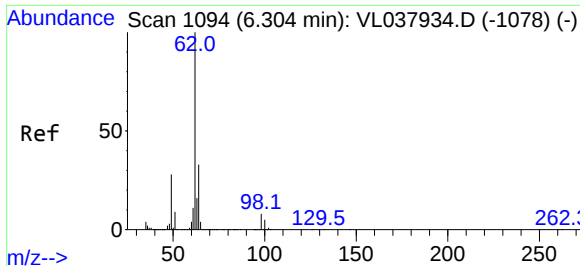


#36
Benzene
Concen: 0.453 ppbv
RT: 6.883 min Scan# 1274
Delta R.T. -0.006 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17



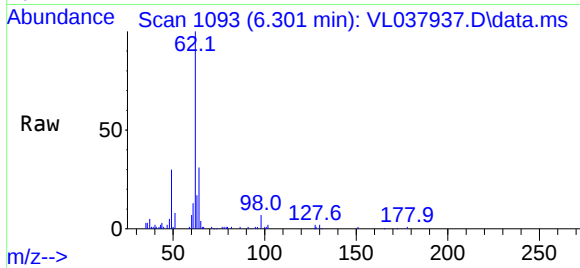
Tgt Ion: 78 Resp: 177258
Ion Ratio Lower Upper
78 100
77 20.2 17.9 26.9
50 17.3 14.4 21.6





#37
1,2-Dichloroethane
Concen: 0.490 ppbv m
RT: 6.301 min Scan# 1093
Delta R.T. -0.003 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

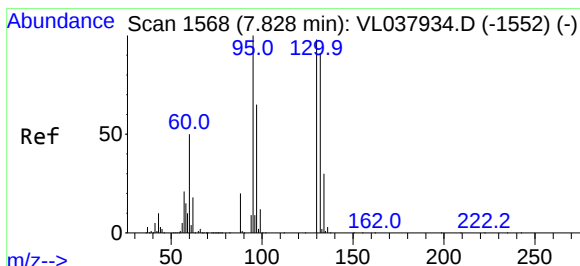
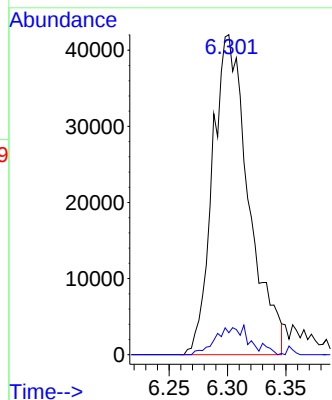
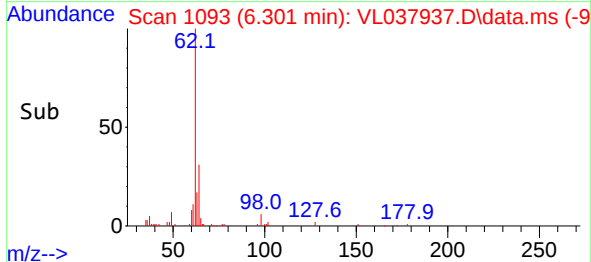
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



Tgt Ion: 62 Resp: 90440
Ion Ratio Lower Upper
62 100
98 8.8 6.5 9.7

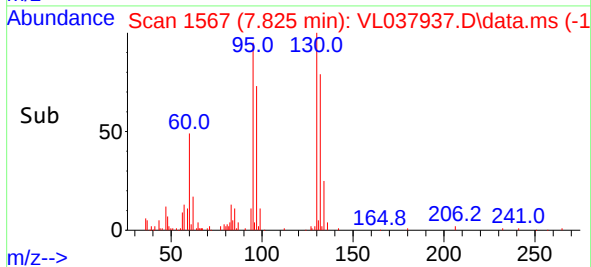
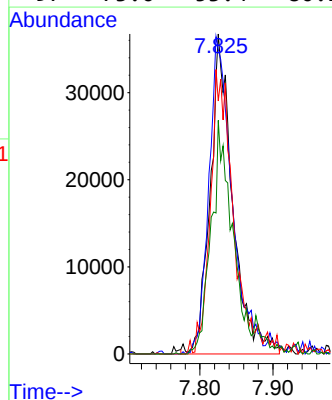
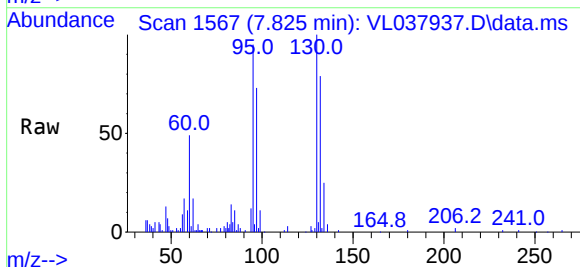
Manual Integrations
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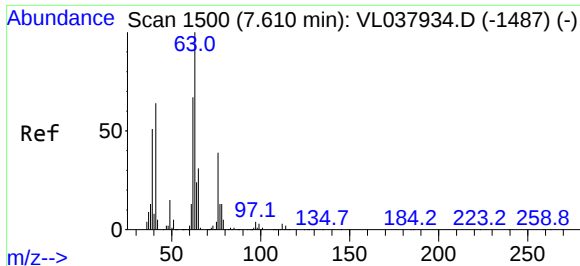
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#38
Trichloroethene
Concen: 0.510 ppbv m
RT: 7.825 min Scan# 1567
Delta R.T. -0.003 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

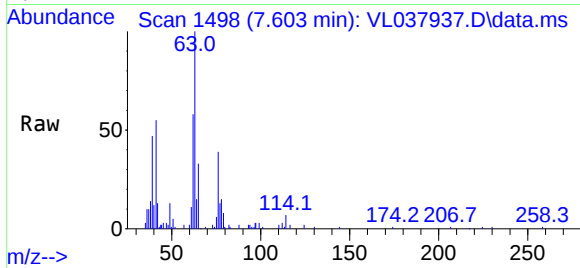
Tgt Ion:130 Resp: 78939
Ion Ratio Lower Upper
130 100
95 95.2 81.8 122.8
132 79.1 74.2 111.2
97 73.0 53.4 80.2





#39
1,2-Dichloropropane
Concen: 0.481 ppbv
RT: 7.603 min Scan# 1498
Delta R.T. -0.006 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

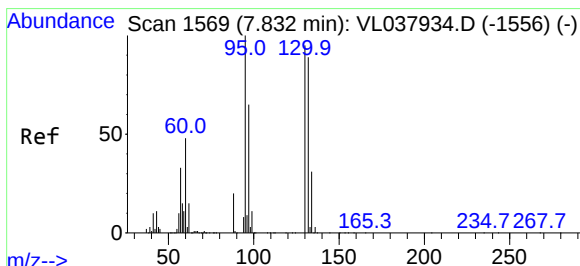
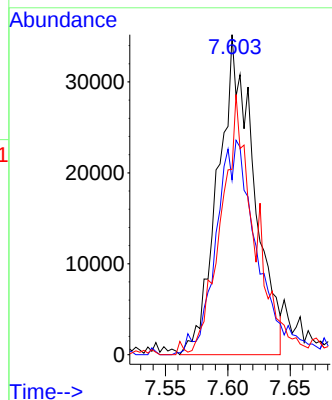
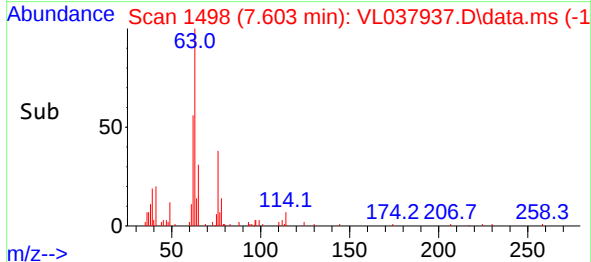
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



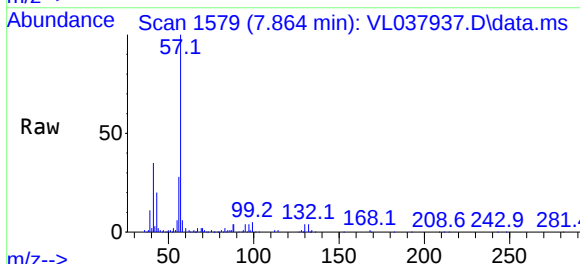
Tgt Ion: 63 Resp: 70800
Ion Ratio Lower Upper
63 100
41 54.0 51.6 77.4
62 53.8 53.5 80.3

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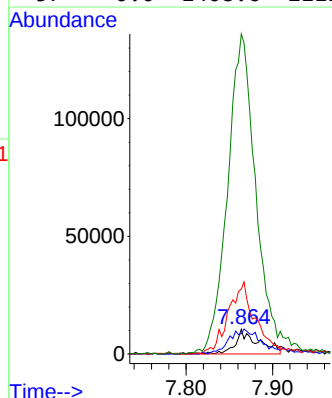
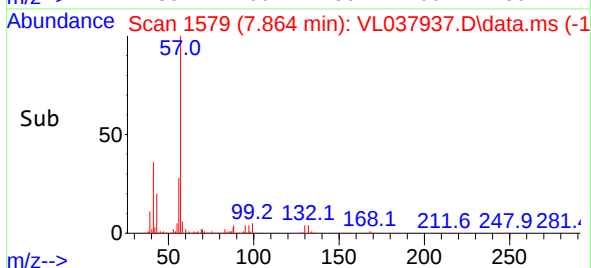
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

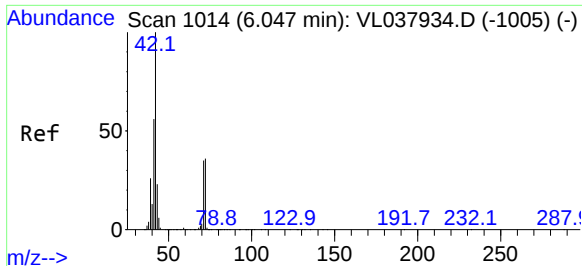


#40
1,4-Dioxane
Concen: 0.537 ppbv m
RT: 7.864 min Scan# 1579
Delta R.T. 0.032 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17



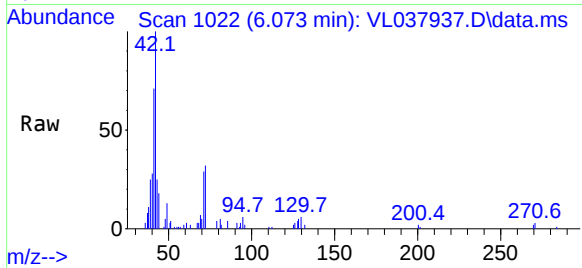
Tgt Ion: 88 Resp: 19807
Ion Ratio Lower Upper
88 100
58 0.0 129.1 193.7#
43 0.0 313.2 469.8#
57 0.0 1408.6 2112.8#





#41
Tetrahydrofuran
Concen: 0.398 ppbv m
RT: 6.073 min Scan# 1014
Delta R.T. 0.026 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

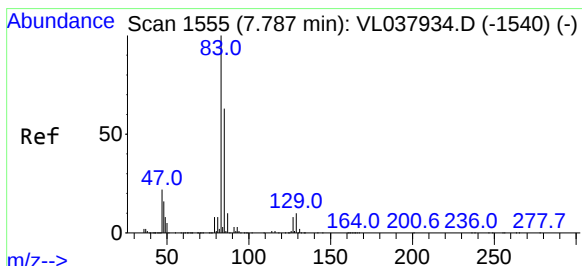
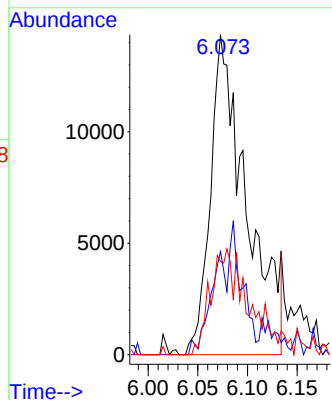
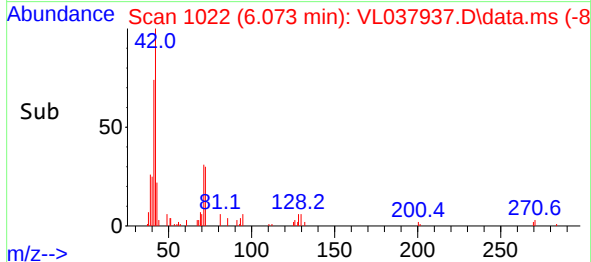
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



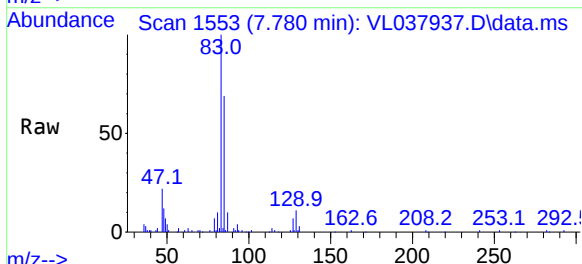
Tgt Ion: 42 Resp: 36119
Ion Ratio Lower Upper
42 100
72 34.1 31.5 47.3
71 37.4 30.5 45.7

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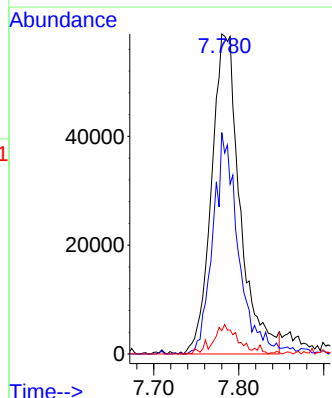
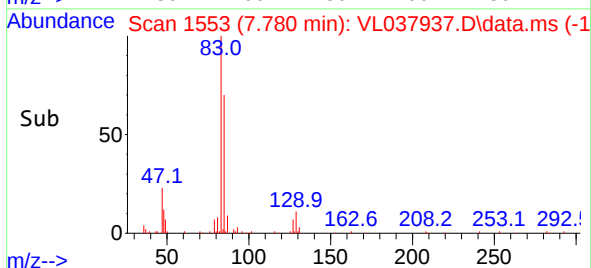
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

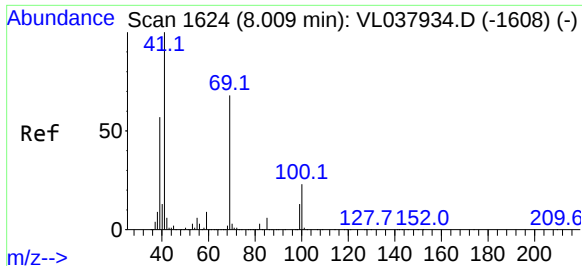


#42
Bromodichloromethane
Concen: 0.503 ppbv m
RT: 7.780 min Scan# 1553
Delta R.T. -0.007 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17



Tgt Ion: 83 Resp: 136372
Ion Ratio Lower Upper
83 100
85 69.2 50.1 75.1
127 7.3 6.1 9.1





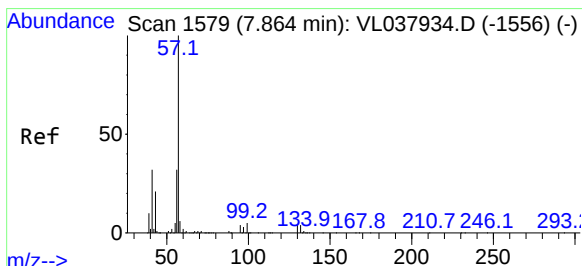
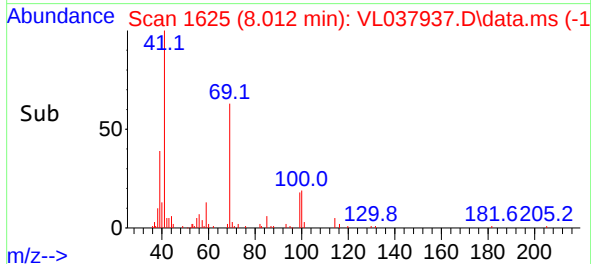
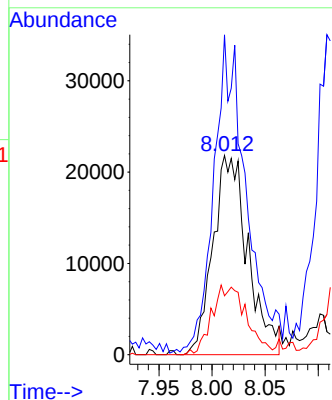
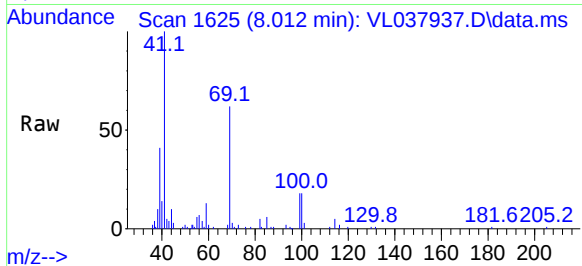
#43
Methyl Methacrylate
Concen: 0.391 ppbv m
RT: 8.012 min Scan# 1
Delta R.T. 0.003 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 69 Resp: 4999
Ion Ratio Lower Upper
69 100
41 153.3 117.4 176.2
100 37.2 27.8 41.6

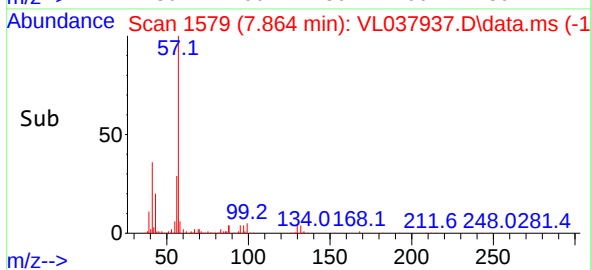
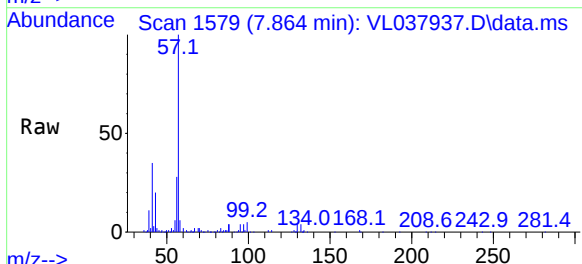
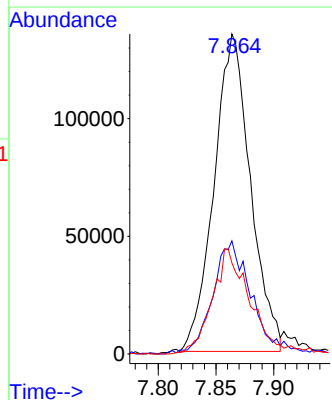
Manual Integrations
APPROVED

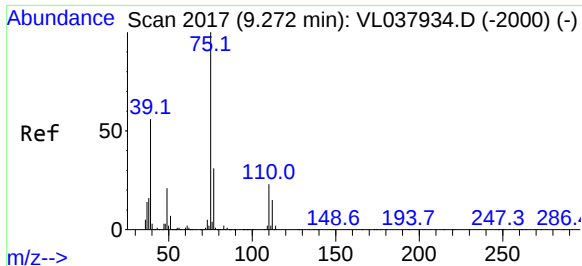
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#44
2,2,4-Trimethylpentane
Concen: 0.450 ppbv
RT: 7.864 min Scan# 1579
Delta R.T. -0.000 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion: 57 Resp: 296239
Ion Ratio Lower Upper
57 100
41 38.3 25.8 38.8
56 34.9 25.9 38.9





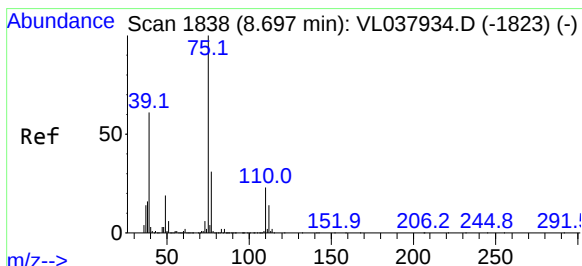
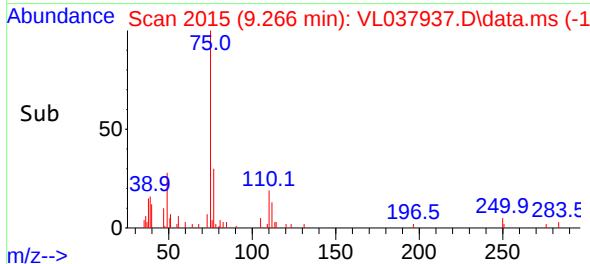
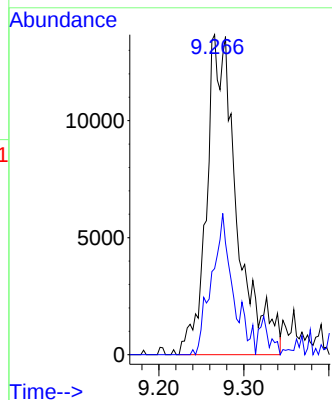
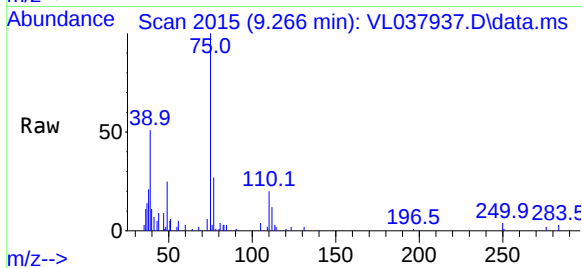
#45
t-1,3-Dichloropropene
Concen: 0.388 ppbv m
RT: 9.266 min Scan# 2017
Delta R.T. -0.006 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 75 Resp: 34149
Ion Ratio Lower Upper
75 100
77 26.9 25.2 37.8

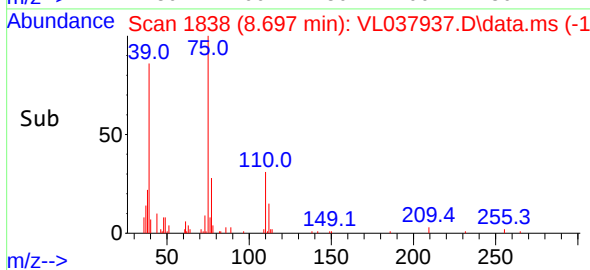
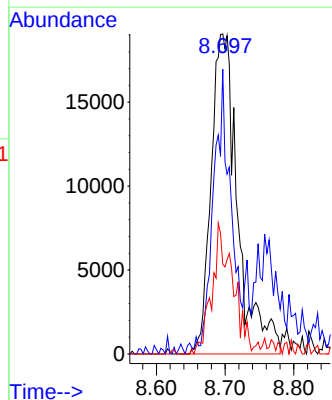
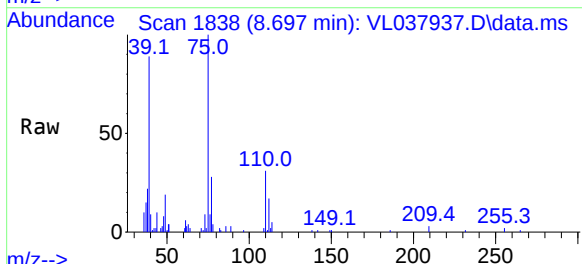
Manual Integrations
APPROVED

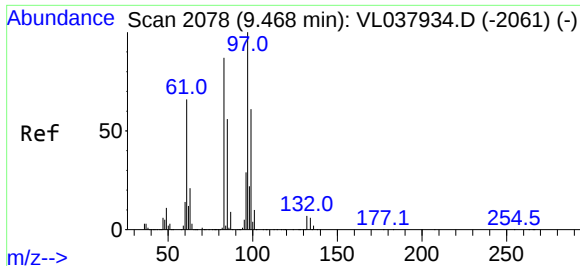
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#46
cis-1,3-Dichloropropene
Concen: 0.420 ppbv m
RT: 8.697 min Scan# 1838
Delta R.T. -0.000 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

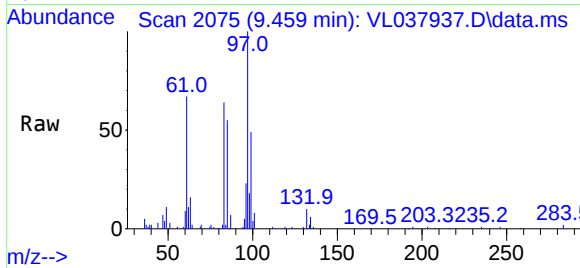
Tgt Ion: 75 Resp: 51289
Ion Ratio Lower Upper
75 100
39 89.0 48.8 73.2#
77 28.0 24.6 36.8





#47
1,1,2-Trichloroethane
Concen: 0.510 ppbv m
RT: 9.459 min Scan# 2078
Delta R.T. -0.010 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

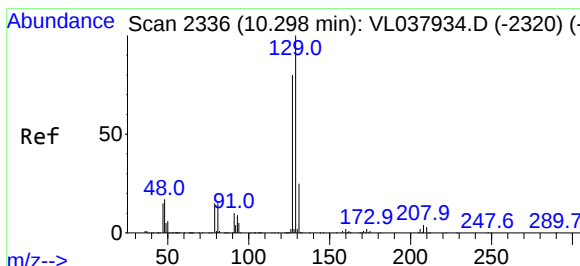
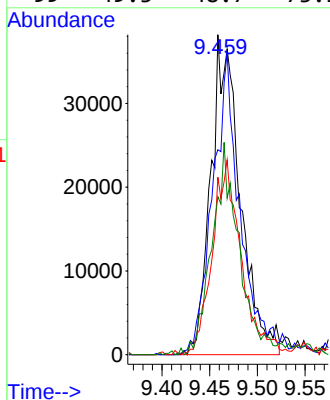
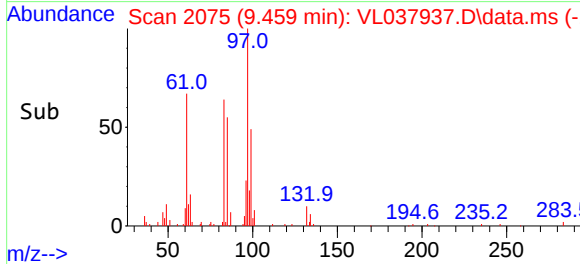
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



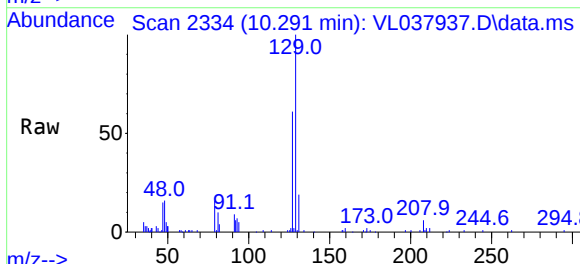
Tgt Ion: 97 Resp: 81740
Ion Ratio Lower Upper
97 100
83 64.1 69.4 104.2
85 55.5 45.0 67.6
99 49.3 48.7 73.1

Manual Integrations
APPROVED

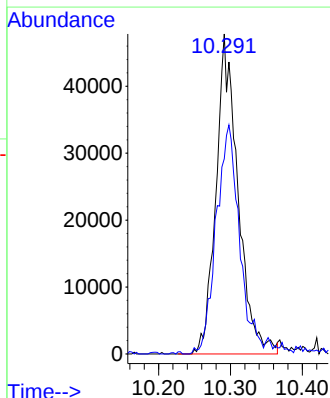
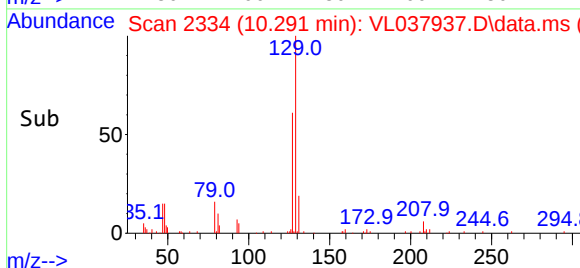
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

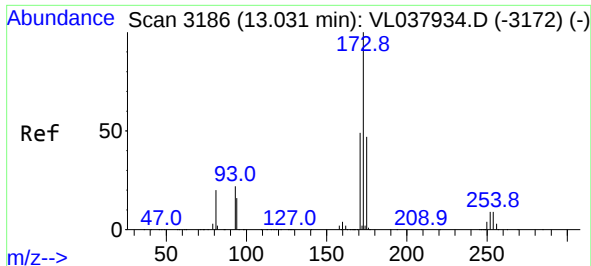


#48
Dibromochloromethane
Concen: 0.445 ppbv m
RT: 10.291 min Scan# 2334
Delta R.T. -0.006 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17



Tgt Ion:129 Resp: 101632
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.9





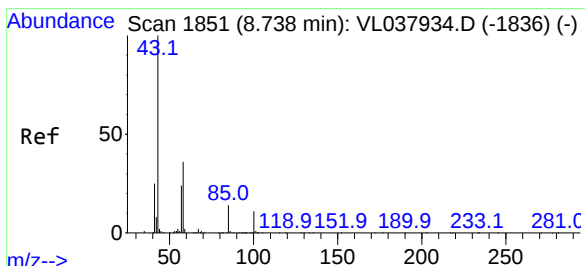
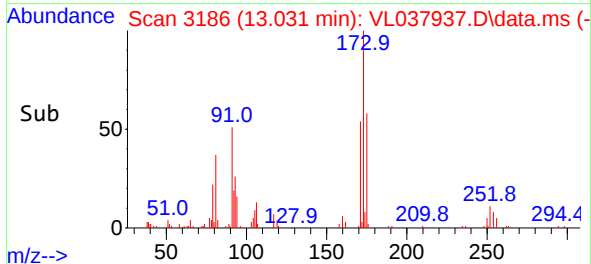
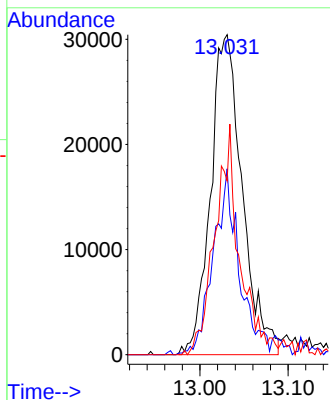
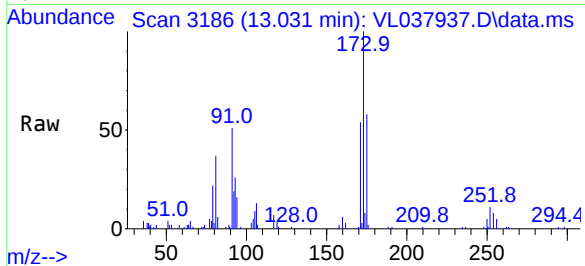
#49
Bromoform
Concen: 0.436 ppbv m
RT: 13.031 min Scan# 3186
Delta R.T. -0.000 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:173 Resp: 7616
Ion Ratio Lower Upper
173 100
175 49.6 39.5 59.3
171 55.1 43.6 65.4

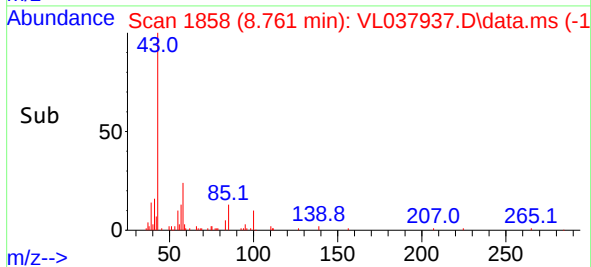
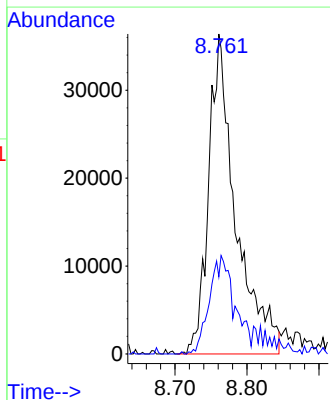
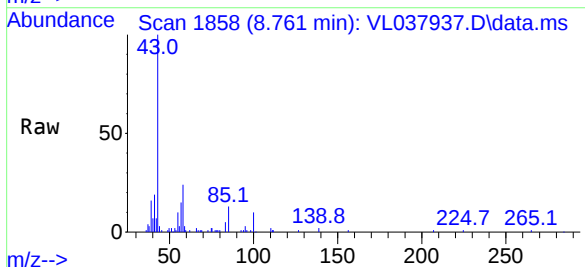
Manual Integrations
APPROVED

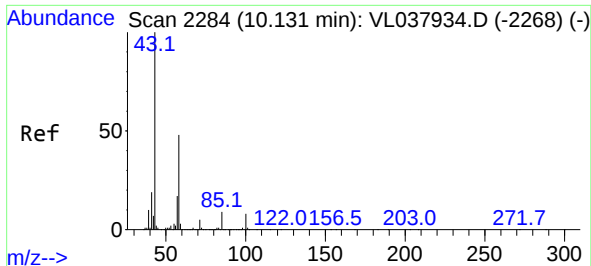
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#50
4-Methyl-2-Pentanone
Concen: 0.395 ppbv m
RT: 8.761 min Scan# 1858
Delta R.T. 0.022 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

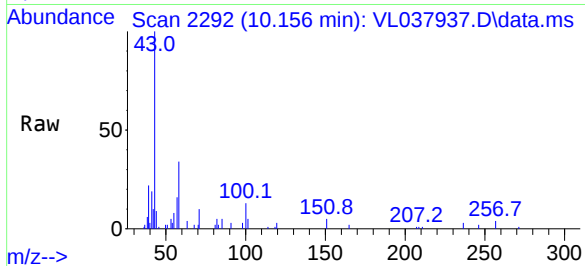
Tgt Ion: 43 Resp: 95293
Ion Ratio Lower Upper
43 100
58 0.0 28.8 43.2#





#51
2-Hexanone
Concen: 0.357 ppbv m
RT: 10.156 min Scan# 21
Delta R.T. 0.026 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

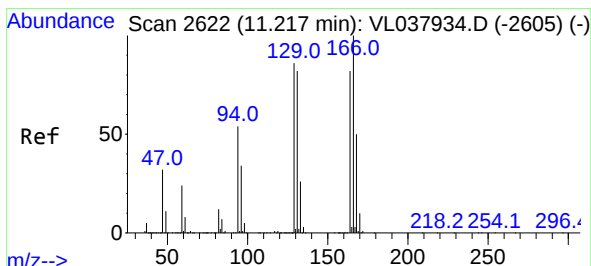
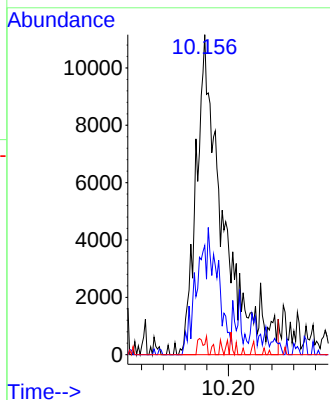
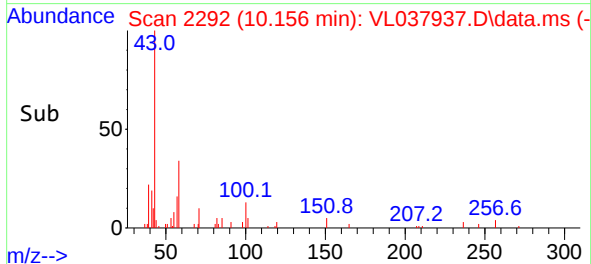
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



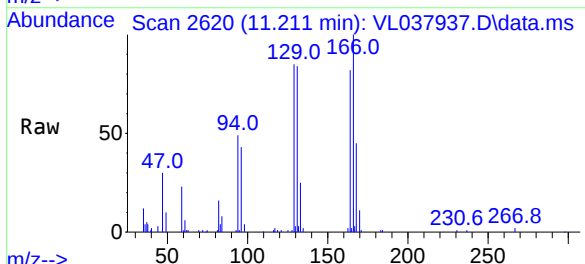
Tgt Ion: 43 Resp: 38379
Ion Ratio Lower Upper
43 100
58 0.0 38.6 57.8
98 0.0 1.0 1.4

Manual Integrations
APPROVED

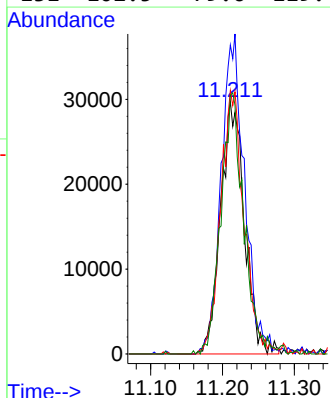
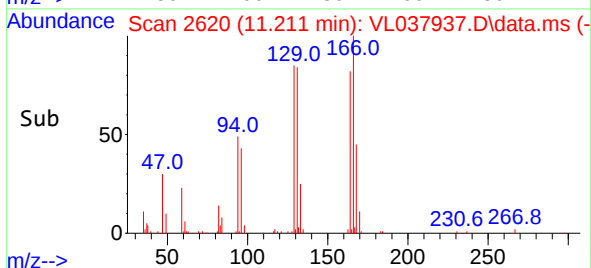
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

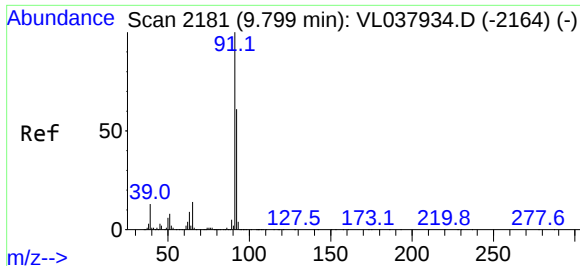


#52
Tetrachloroethene
Concen: 0.452 ppbv m
RT: 11.211 min Scan# 2620
Delta R.T. -0.006 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17



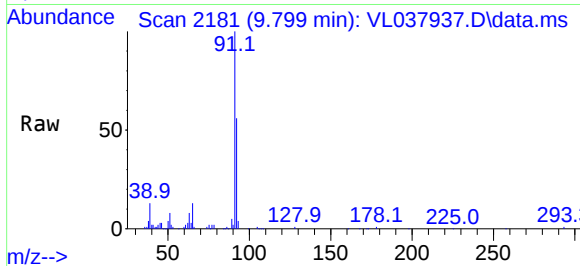
Tgt Ion:164 Resp: 68894
Ion Ratio Lower Upper
164 100
166 122.5 97.6 146.4
129 104.4 84.2 126.2
131 102.5 79.6 119.4





#53
Toluene
Concen: 0.394 ppbv m
RT: 9.799 min Scan# 2181
Delta R.T. -0.000 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

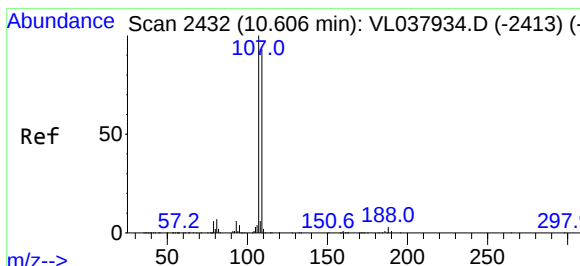
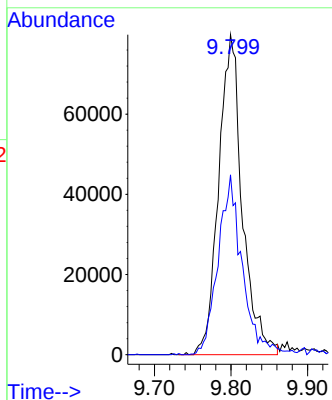
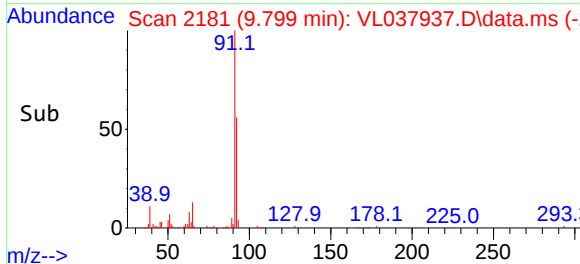
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



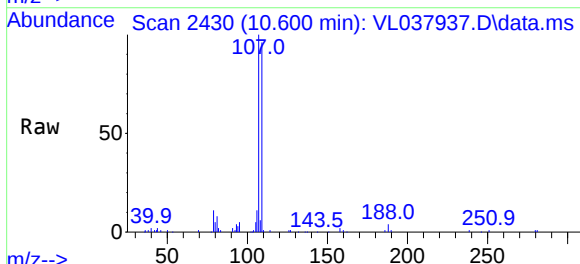
Tgt Ion: 91 Resp: 171080
Ion Ratio Lower Upper
91 100
92 57.7 48.2 72.4

Manual Integrations
APPROVED

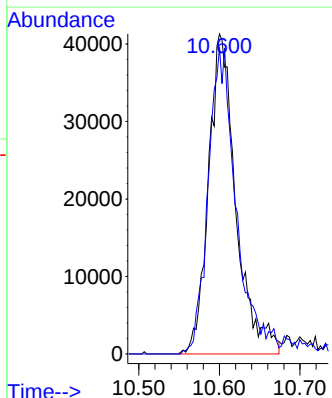
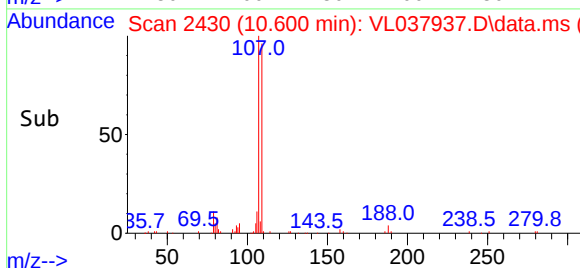
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

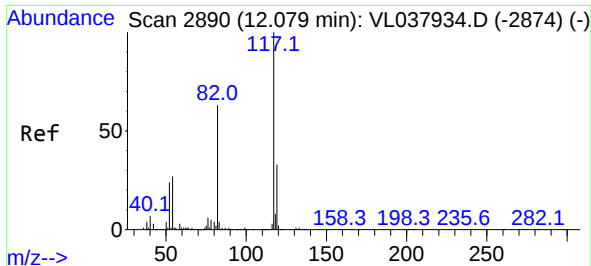


#54
1,2-Dibromoethane
Concen: 0.451 ppbv m
RT: 10.600 min Scan# 2430
Delta R.T. -0.006 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17



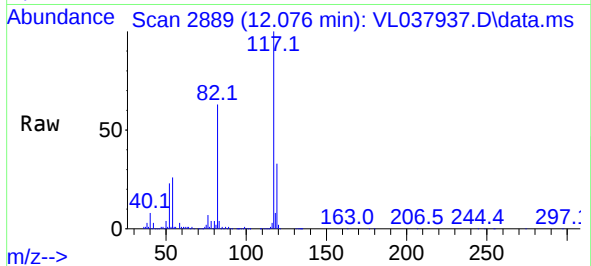
Tgt Ion:107 Resp: 97539
Ion Ratio Lower Upper
107 100
109 95.9 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv
RT: 12.076 min Scan# 2889
Delta R.T. -0.003 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

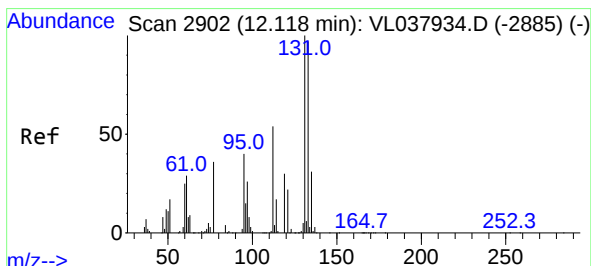
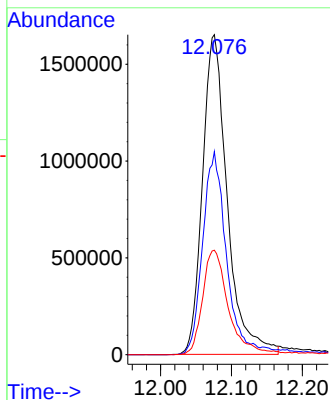
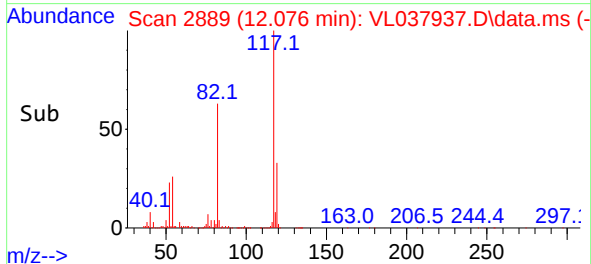
Instrument :
MSVOA_L
ClientSampleId :
VSTDICC0.5



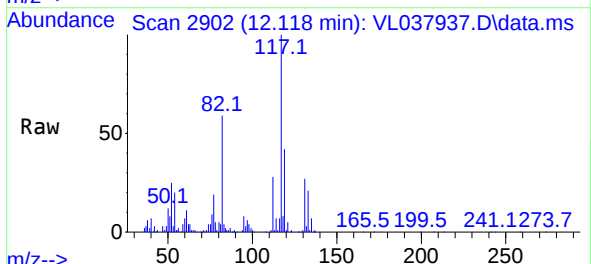
Tgt Ion:117 Resp: 401044
Ion Ratio Lower Upper
117 100
82 62.6 51.0 76.6
119 35.3 26.9 40.3

Manual Integrations
APPROVED

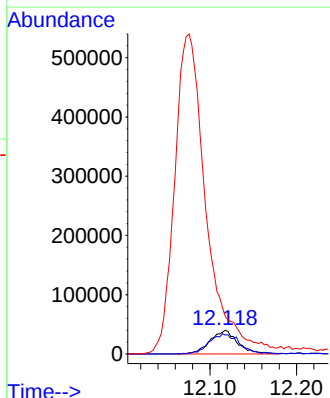
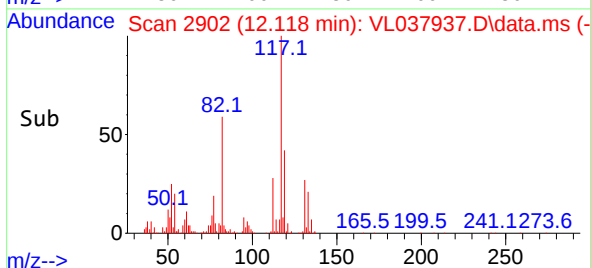
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

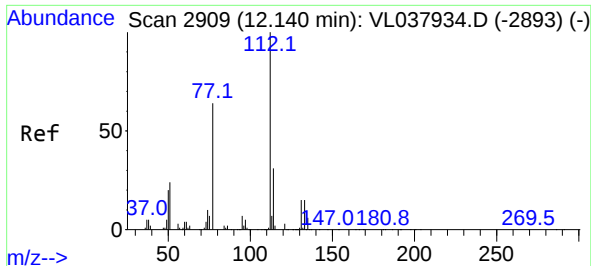


#56
1,1,1,2-Tetrachloroethane
Concen: 0.534 ppbv
RT: 12.118 min Scan# 2902
Delta R.T. -0.000 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17



Tgt Ion:131 Resp: 88583
Ion Ratio Lower Upper
131 100
133 93.1 79.6 119.4
119 1598.3 125.4 188.2#





#57

Chlorobenzene

Concen: 0.528 ppbv

RT: 12.134 min Scan# 2909

Delta R.T. -0.006 min

Lab File: VL037937.D

Acq: 1 Nov 2021 11:17

Instrument :

MSVOA_L

ClientSampleId :

VSTDICC0.5

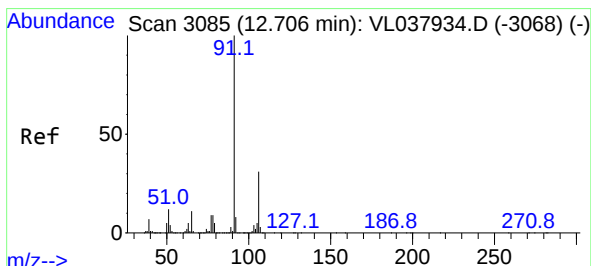
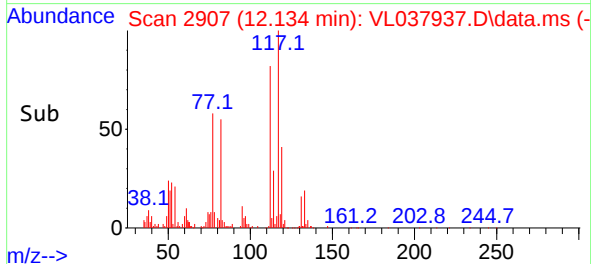
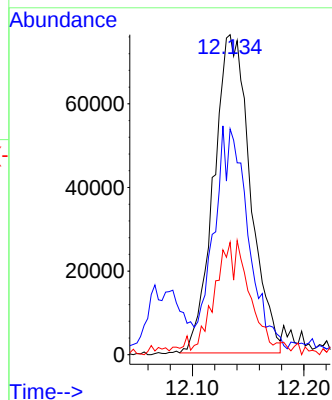
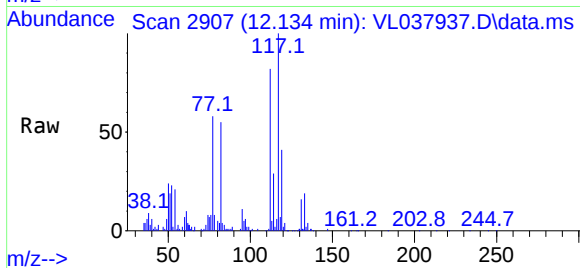
Tgt Ion:112 Resp: 17384

Ion	Ratio	Lower	Upper
112	100		
77	65.3	51.1	76.7
114	33.3	27.9	34.1

Manual Integrations

APPROVED

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



#58

Ethyl Benzene

Concen: 0.409 ppbv m

RT: 12.703 min Scan# 3084

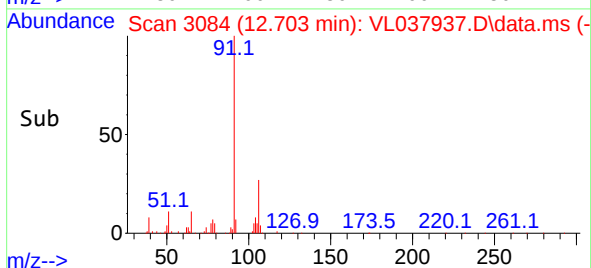
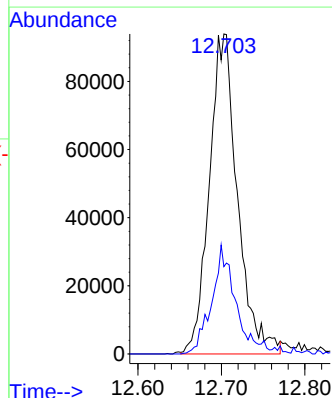
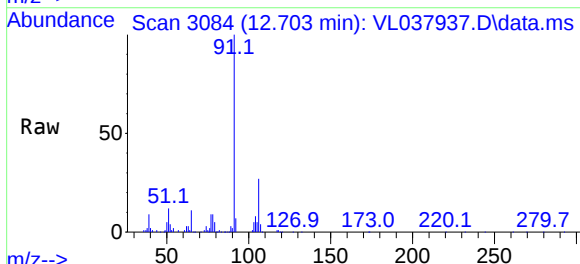
Delta R.T. -0.003 min

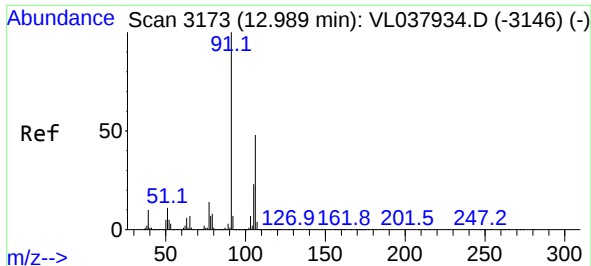
Lab File: VL037937.D

Acq: 1 Nov 2021 11:17

Tgt Ion: 91 Resp: 220377

Ion	Ratio	Lower	Upper
91	100		
106	27.3	25.1	37.7





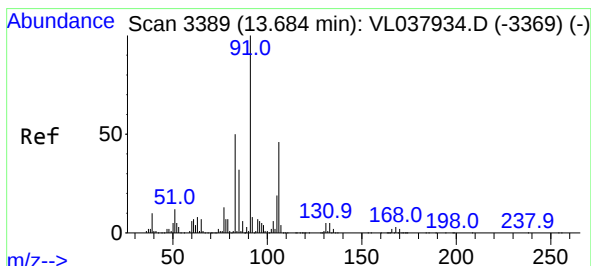
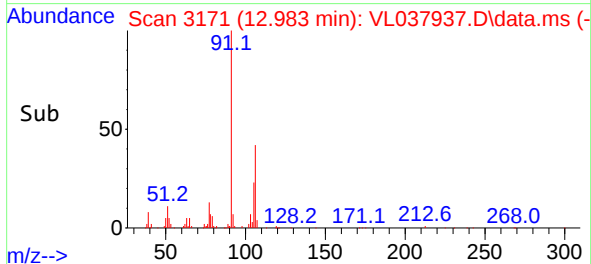
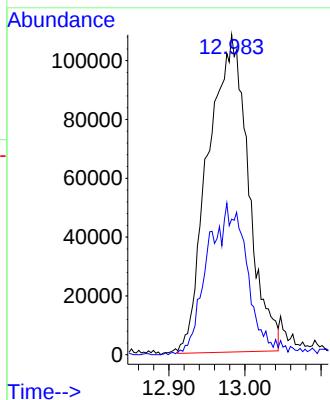
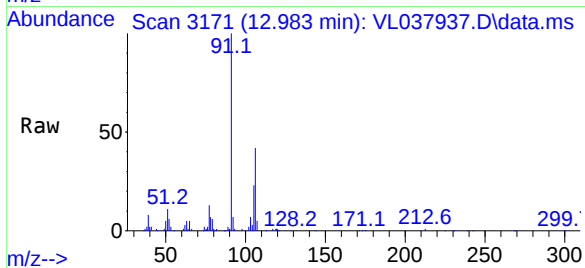
#59
m/p-Xylene
Concen: 0.859 ppbv
RT: 12.983 min Scan# 3171
Delta R.T. -0.007 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion: 91 Resp: 397010
Ion Ratio Lower Upper
91 100
106 48.6 37.1 55.7

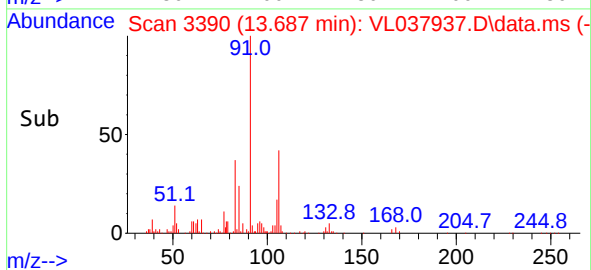
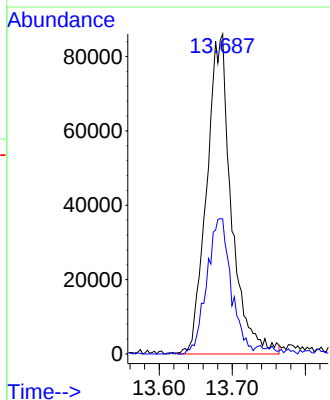
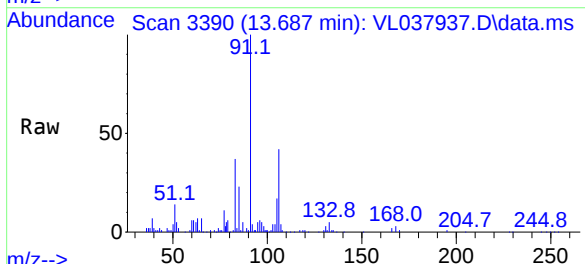
Manual Integrations
APPROVED

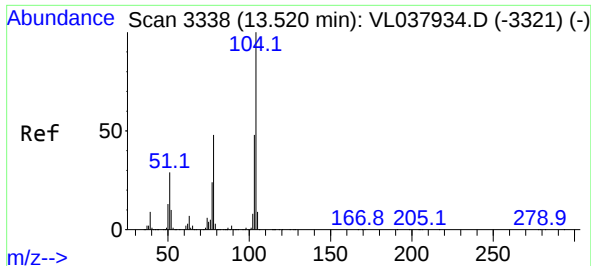
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#60
o-Xylene
Concen: 0.456 ppbv m
RT: 13.687 min Scan# 3390
Delta R.T. 0.003 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Tgt Ion: 91 Resp: 202122
Ion Ratio Lower Upper
91 100
106 0.0 23.5 70.6#





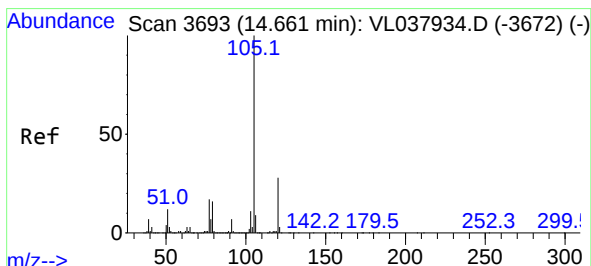
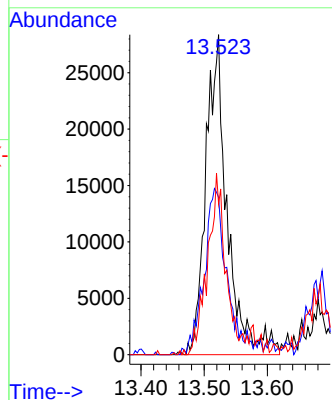
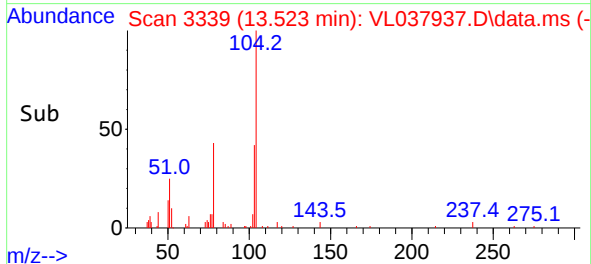
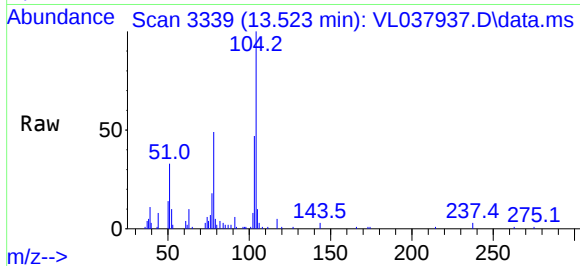
#61
Styrene
Concen: 0.311 ppbv m
RT: 13.523 min Scan# 31
Delta R.T. 0.003 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:104 Resp: 66600
Ion Ratio Lower Upper
104 100
78 56.1 39.3 58.9
103 48.3 39.6 59.4

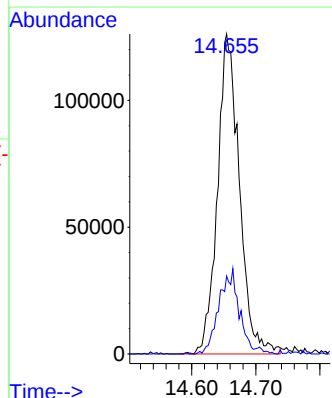
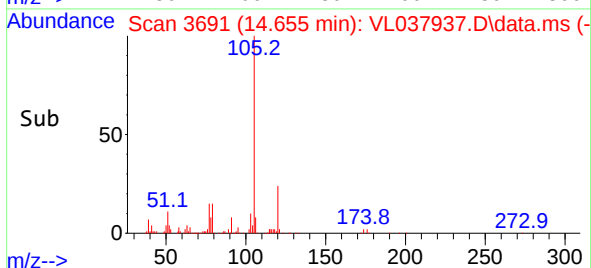
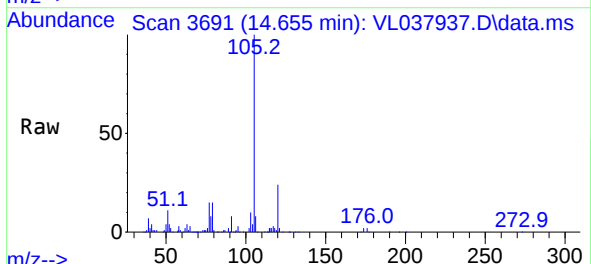
Manual Integrations
APPROVED

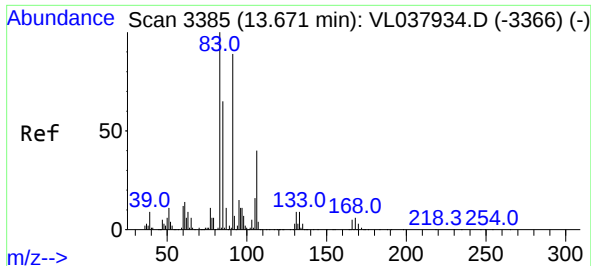
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#62
Isopropylbenzene
Concen: 0.487 ppbv m
RT: 14.655 min Scan# 3691
Delta R.T. -0.006 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

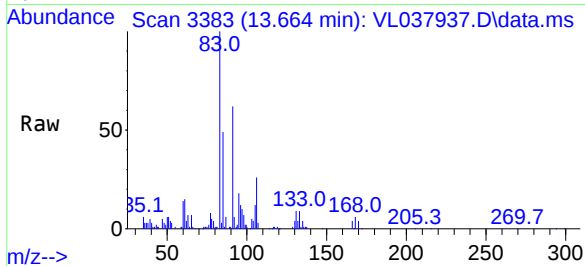
Tgt Ion:105 Resp: 300635
Ion Ratio Lower Upper
105 100
120 25.0 21.8 32.6





#63
1,1,2,2-Tetrachloroethane
Concen: 0.526 ppbv m
RT: 13.664 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

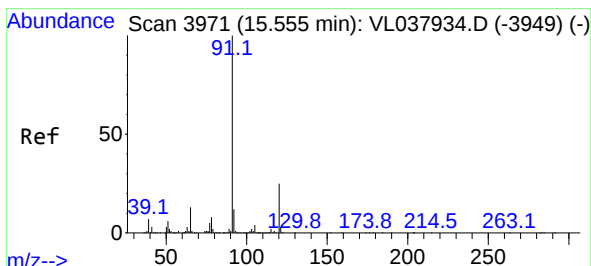
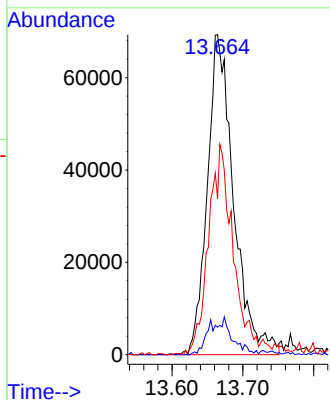
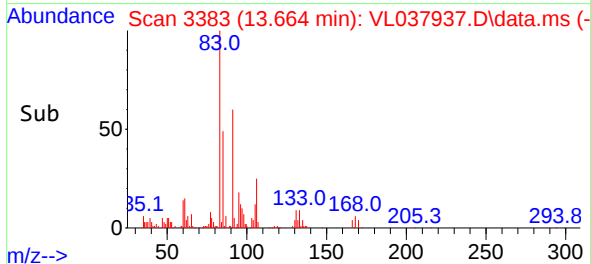
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



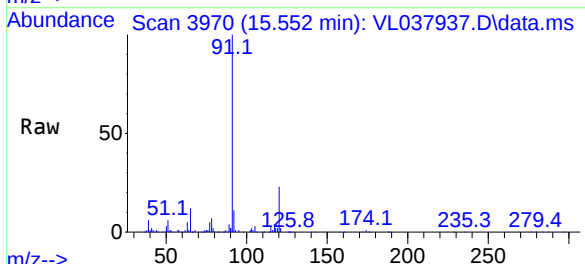
Tgt Ion: 83 Resp: 17967
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.4
85 64.7 32.5 97.5

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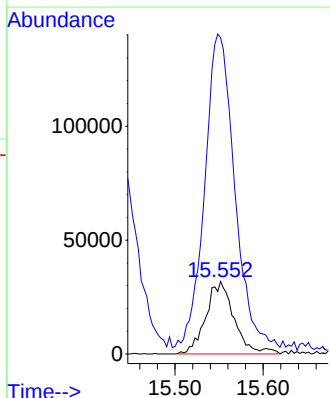
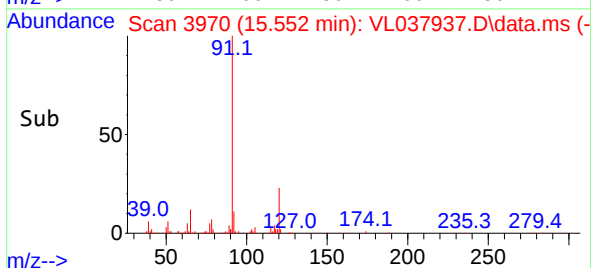
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

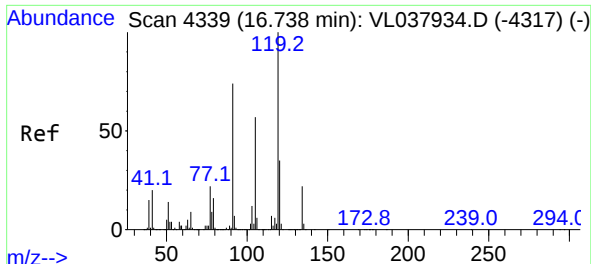


#64
n-propylbenzene
Concen: 0.461 ppbv m
RT: 15.552 min Scan# 3970
Delta R.T. -0.003 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17



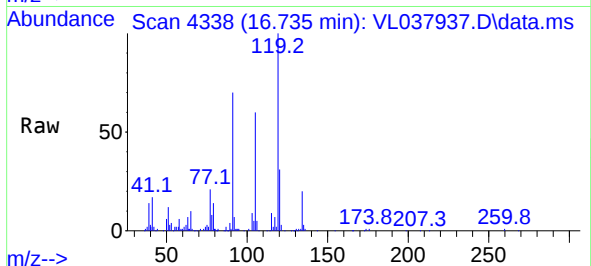
Tgt Ion:120 Resp: 70987
Ion Ratio Lower Upper
120 100
91 484.0 363.3 544.9





#65
tert-Butylbenzene
Concen: 0.457 ppbv
RT: 16.735 min Scan# 411
Delta R.T. -0.003 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

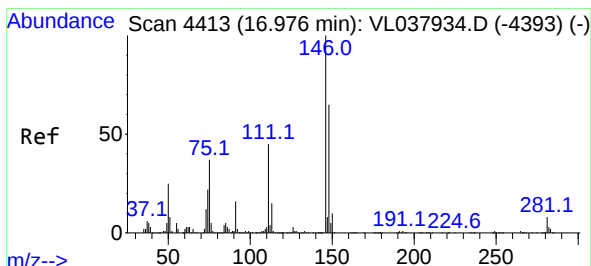
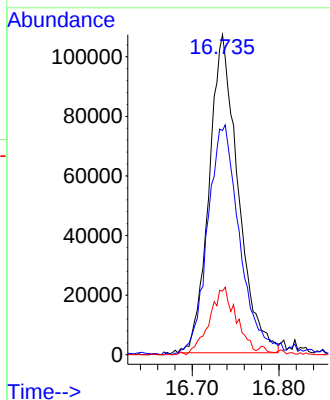
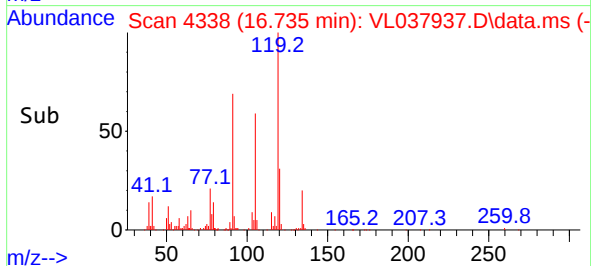
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



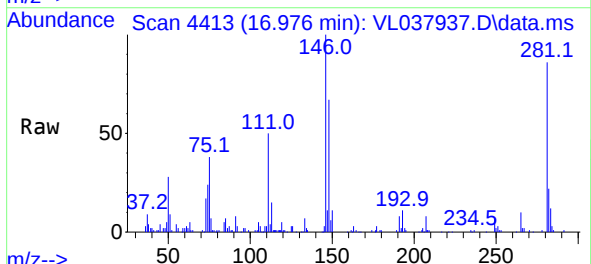
Tgt Ion: 119 Resp: 248664
Ion Ratio Lower Upper
119 100
91 82.6 61.8 92.6
134 21.1 16.6 25.0

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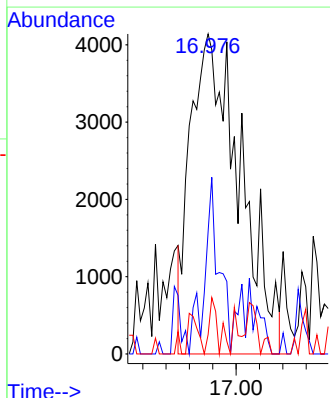
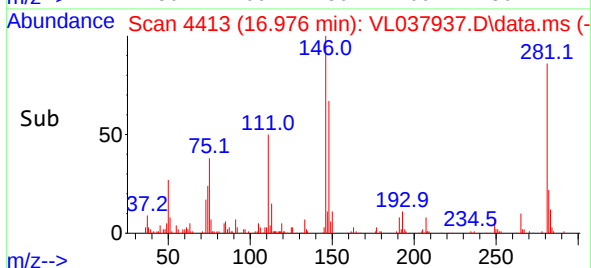
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

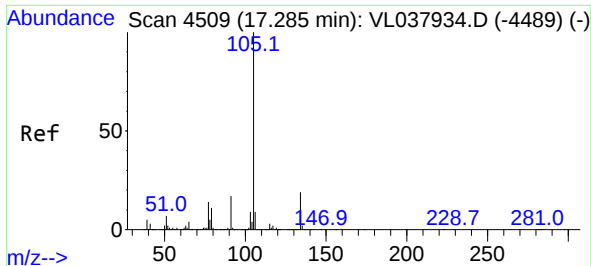


#66
Benzyl Chloride
Concen: 0.454 ppbv m
RT: 16.976 min Scan# 4413
Delta R.T. -0.000 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17



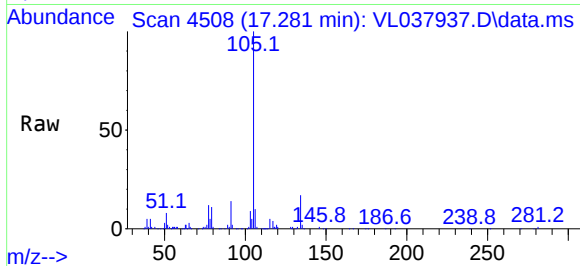
Tgt Ion: 91 Resp: 12195
Ion Ratio Lower Upper
91 100
126 28.1 13.8 20.6#
128 3.3 5.1 7.7#





#67
 sec-Butylbenzene
 Concen: 0.462 ppbv
 RT: 17.281 min Scan# 4509
 Delta R.T. -0.003 min
 Lab File: VL037937.D
 Acq: 1 Nov 2021 11:17

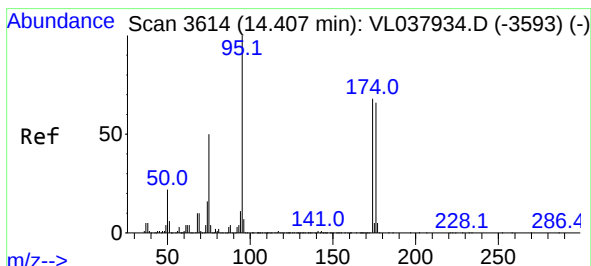
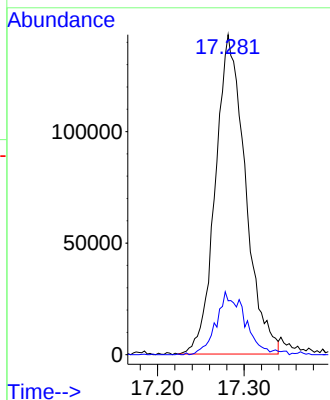
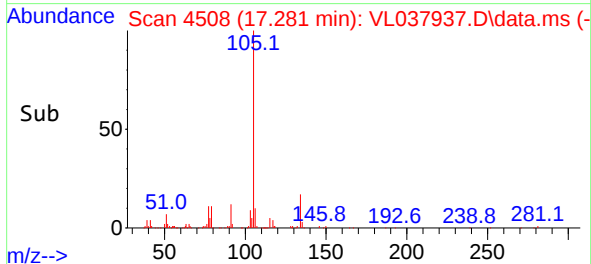
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5



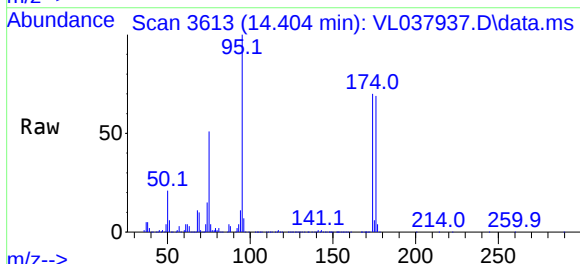
Tgt Ion:105 Resp: 343870
 Ion Ratio Lower Upper
 105 100
 134 19.4 15.4 23.0

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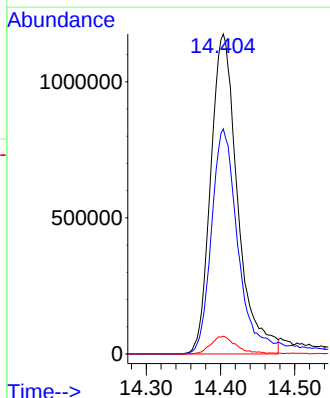
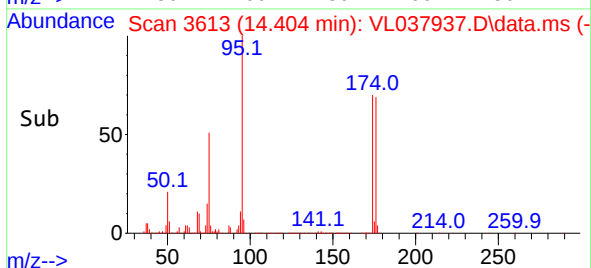
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021

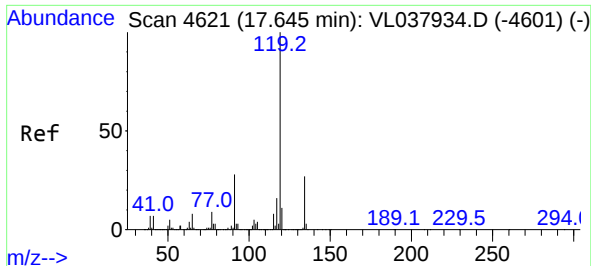


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.547 ppbv
 RT: 14.404 min Scan# 3613
 Delta R.T. -0.003 min
 Lab File: VL037937.D
 Acq: 1 Nov 2021 11:17



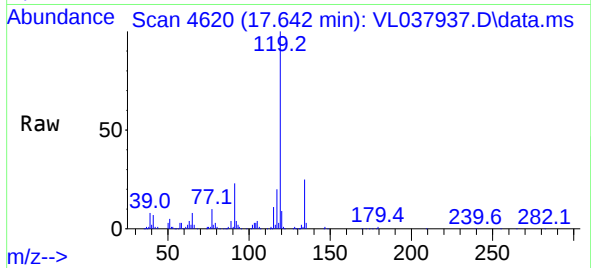
Tgt Ion: 95 Resp: 2957792
 Ion Ratio Lower Upper
 95 100
 174 74.2 58.3 87.5
 175 5.6 4.6 6.8





#69
p-Isopropyltoluene
Concen: 0.447 ppbv m
RT: 17.642 min Scan# 4621
Delta R.T. -0.003 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

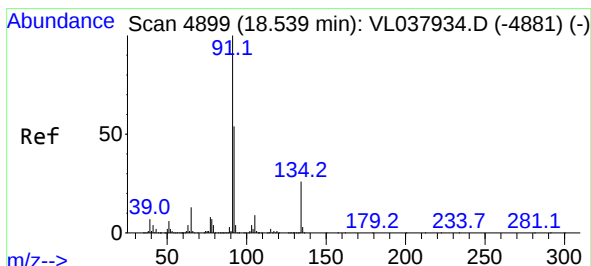
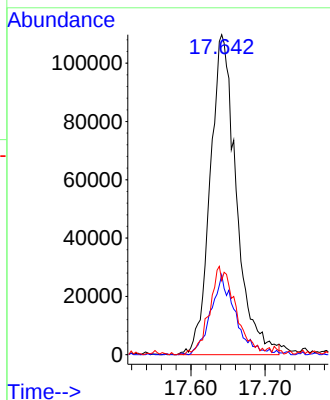
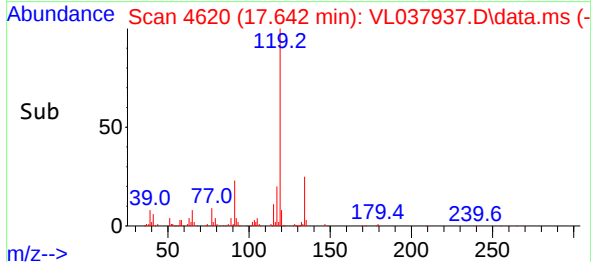
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



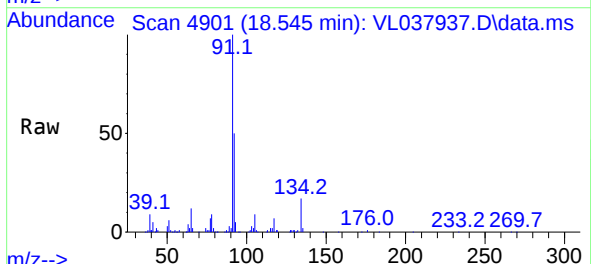
Tgt Ion:119 Resp: 268650
Ion Ratio Lower Upper
119 100
134 24.1 21.0 31.4
91 28.1 21.8 32.8

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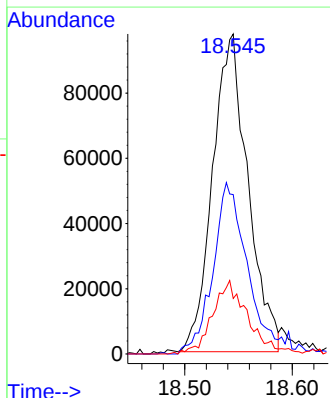
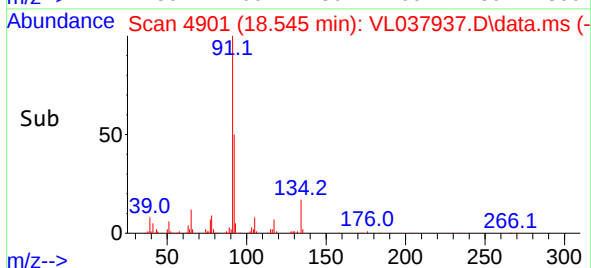
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

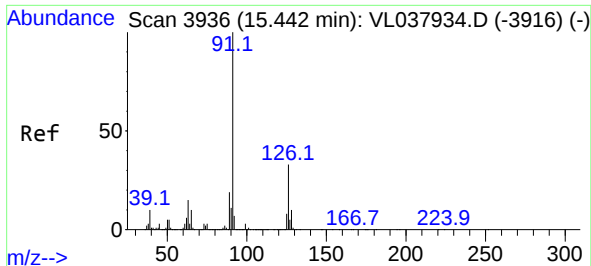


#70
n-Butylbenzene
Concen: 0.390 ppbv
RT: 18.545 min Scan# 4901
Delta R.T. 0.006 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17



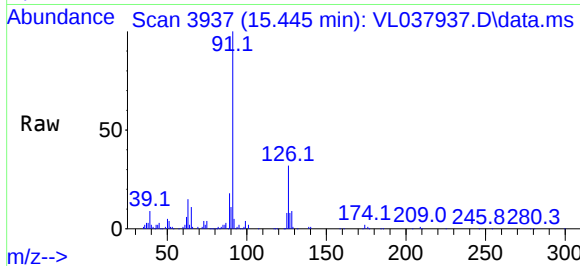
Tgt Ion: 91 Resp: 222770
Ion Ratio Lower Upper
91 100
92 54.3 43.6 65.4
134 23.6 19.8 29.6





#71
2-Chlorotoluene
Concen: 0.434 ppbv m
RT: 15.445 min Scan# 3936
Delta R.T. 0.003 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

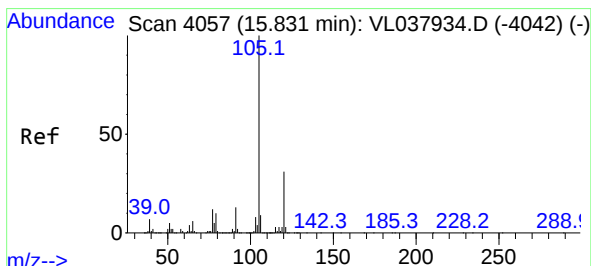
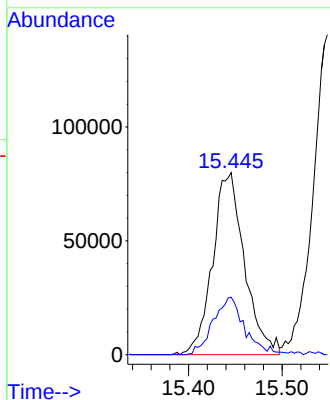
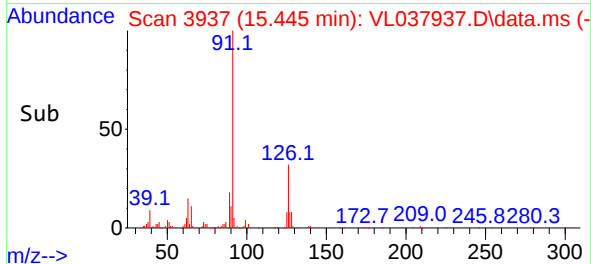
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



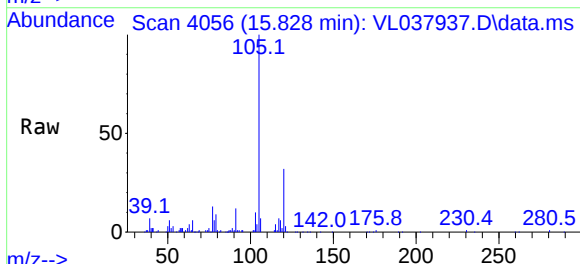
Tgt Ion: 91 Resp: 189268
Ion Ratio Lower Upper
91 100
126 0.0 13.3 53.3

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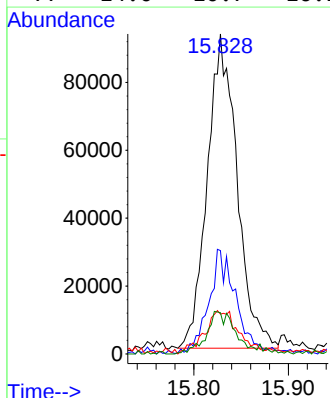
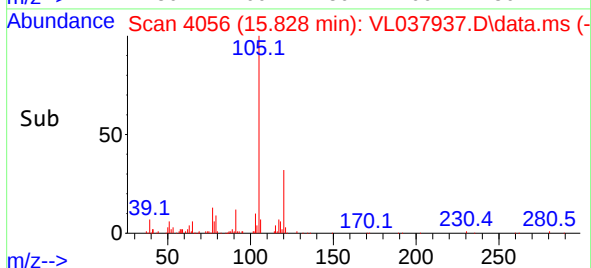
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

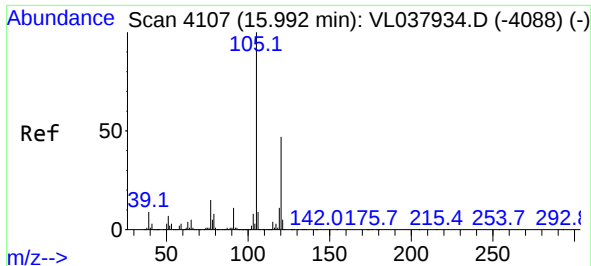


#72
4-Ethyltoluene
Concen: 0.403 ppbv
RT: 15.828 min Scan# 4056
Delta R.T. -0.003 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17



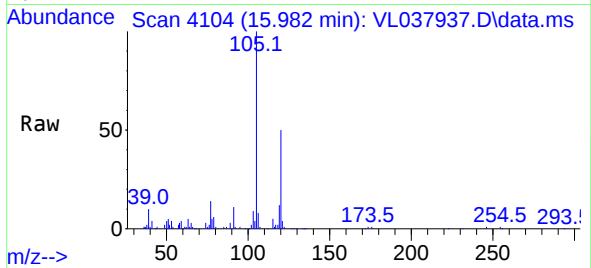
Tgt Ion:105 Resp: 202639
Ion Ratio Lower Upper
105 100
120 30.6 25.3 37.9
91 15.0 9.9 14.9
77 14.0 10.7 16.1





#73
1,3,5-Trimethylbenzene
Concen: 0.449 ppbv m
RT: 15.982 min Scan# 4107
Delta R.T. -0.010 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

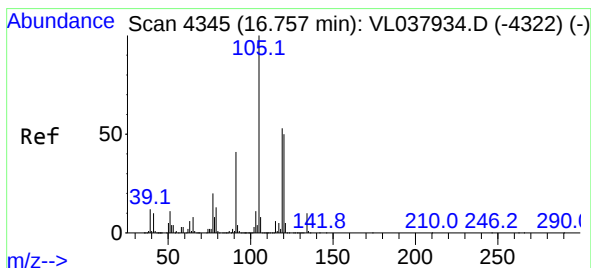
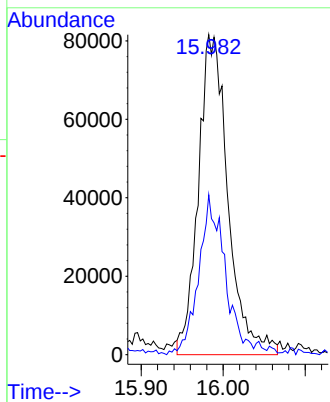
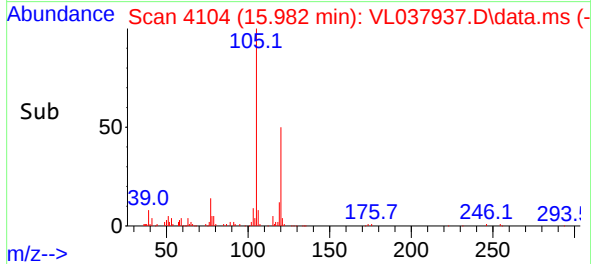
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



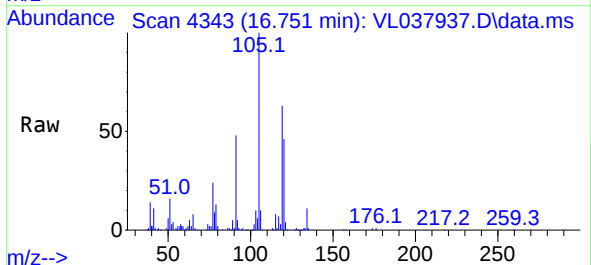
Tgt Ion:105 Resp: 20525
Ion Ratio Lower Upper
105 100
120 50.0 37.9 56.9

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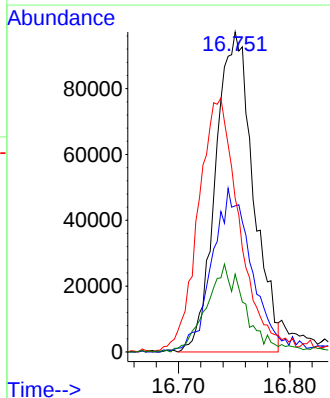
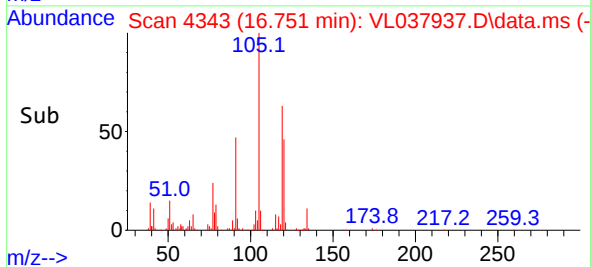
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

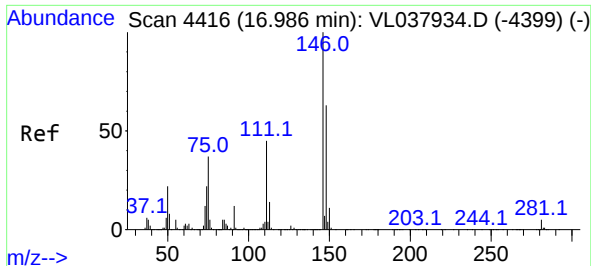


#74
1,2,4-Trimethylbenzene
Concen: 0.474 ppbv
RT: 16.751 min Scan# 4343
Delta R.T. -0.006 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17



Tgt Ion:105 Resp: 227481
Ion Ratio Lower Upper
105 100
120 44.5 40.0 60.0
91 42.9 32.6 49.0
77 23.1 15.8 23.8





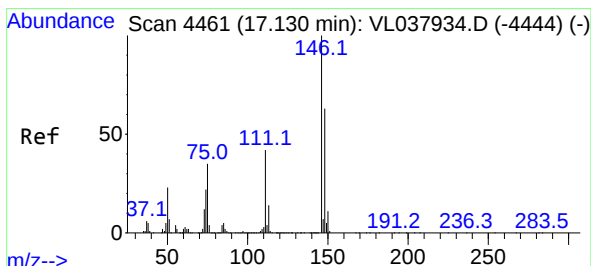
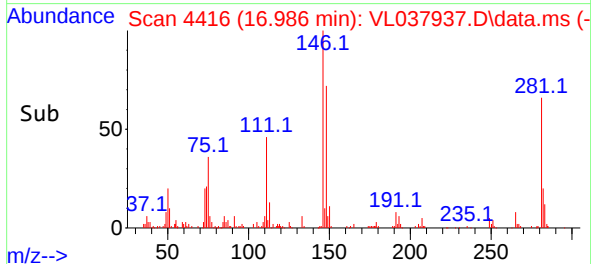
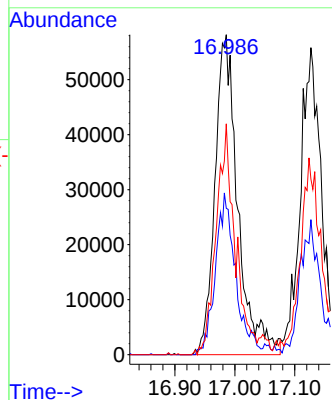
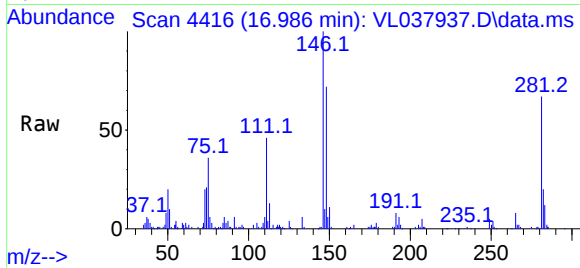
#75
1,3-Dichlorobenzene
Concen: 0.518 ppbv m
RT: 16.986 min Scan# 4416
Delta R.T. -0.000 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5

Tgt Ion:146 Resp: 15392
Ion Ratio Lower Upper
146 100
111 46.2 22.7 68.1
148 62.3 32.4 97.0

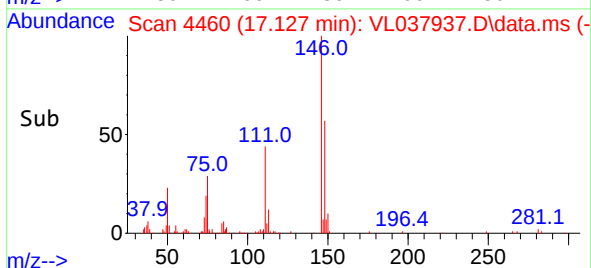
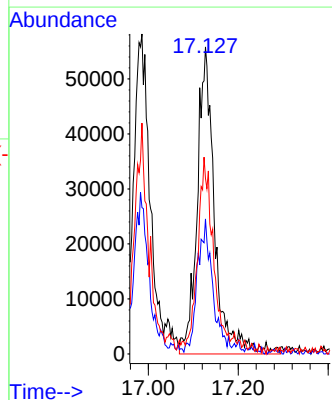
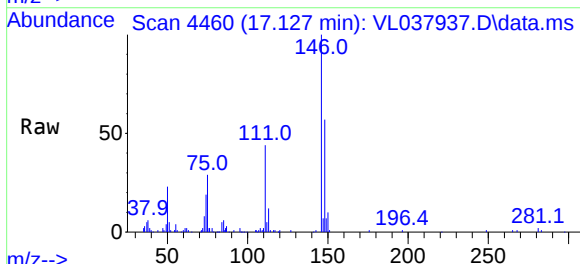
Manual Integrations
APPROVED

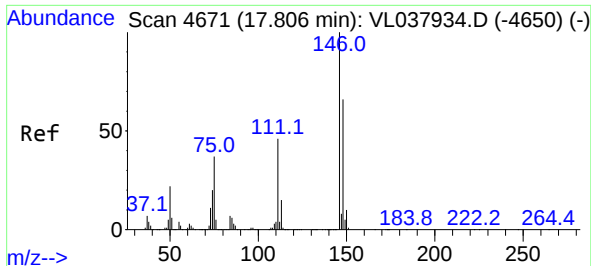
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#76
1,4-Dichlorobenzene
Concen: 0.534 ppbv m
RT: 17.127 min Scan# 4460
Delta R.T. -0.003 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

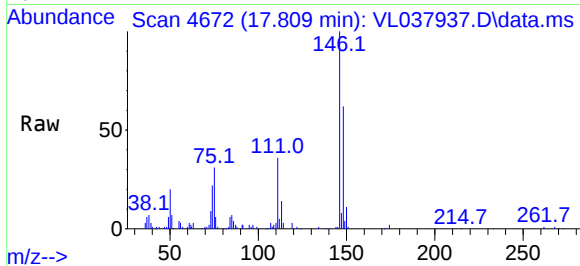
Tgt Ion:146 Resp: 151368
Ion Ratio Lower Upper
146 100
111 40.5 22.7 68.1
148 63.7 33.5 100.4





#77
1,2-Dichlorobenzene
Concen: 0.517 ppbv m
RT: 17.809 min Scan# 4671
Delta R.T. 0.003 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

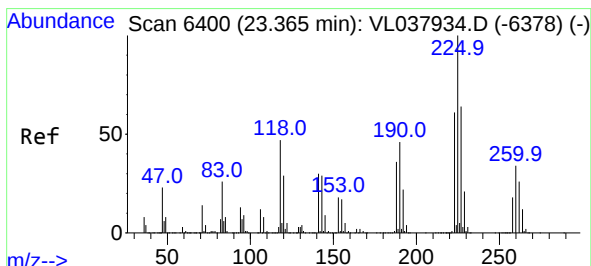
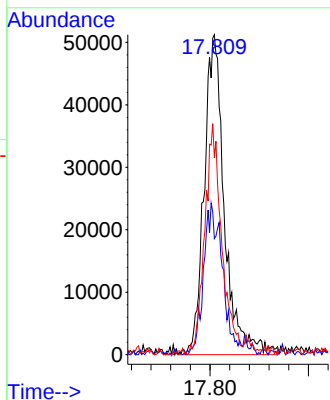
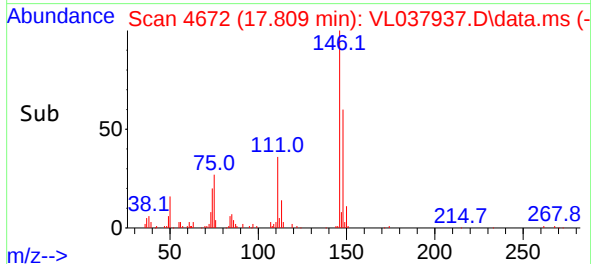
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



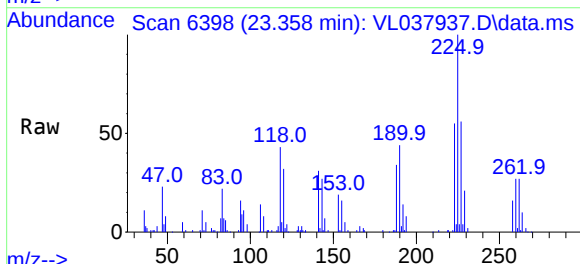
Tgt Ion:146 Resp: 14754
Ion Ratio Lower Upper
146 100
111 0.0 23.4 70.2
148 0.0 32.6 97.7

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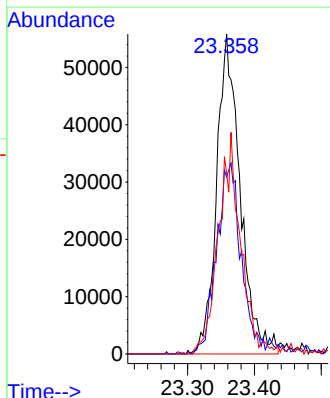
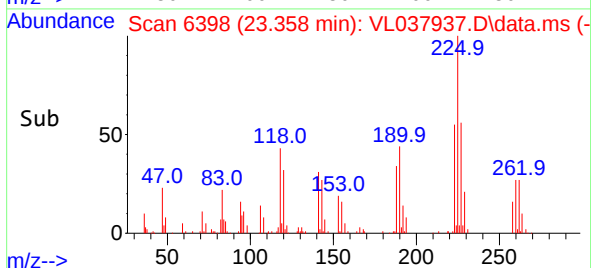
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

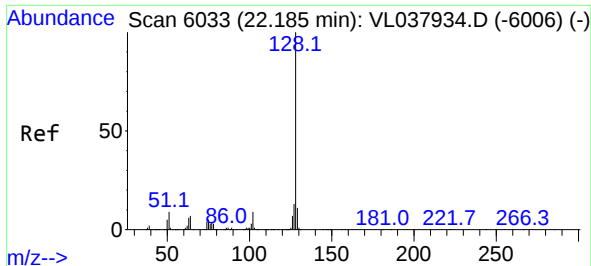


#78
Hexachloro-1,3-Butadiene
Concen: 0.584 ppbv m
RT: 23.358 min Scan# 6398
Delta R.T. -0.006 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17



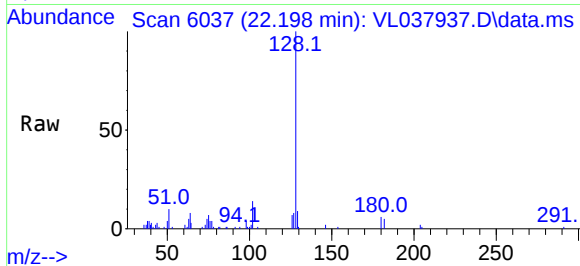
Tgt Ion:225 Resp: 136236
Ion Ratio Lower Upper
225 100
223 64.4 50.0 75.0
227 65.0 51.5 77.3





#79
Naphthalene
Concen: 0.292 ppbv m
RT: 22.198 min Scan# 6037
Delta R.T. 0.013 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17

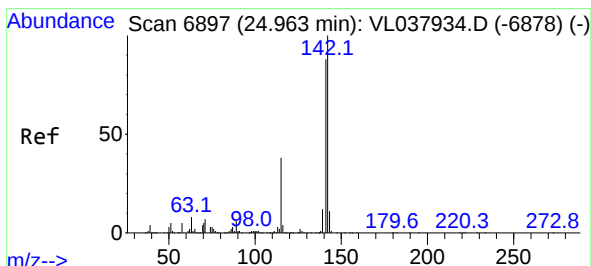
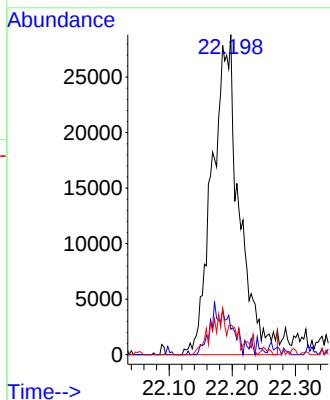
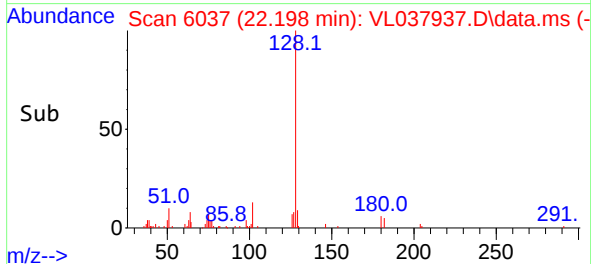
Instrument :
MSVOA_L
ClientSampleId :
VSTDIC0.5



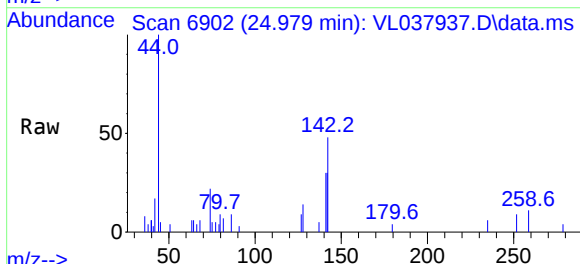
Tgt Ion:128 Resp: 85770
Ion Ratio Lower Upper
128 100
127 8.0 10.2 15.2
129 9.4 9.0 13.4

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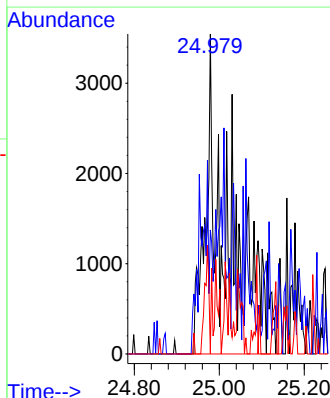
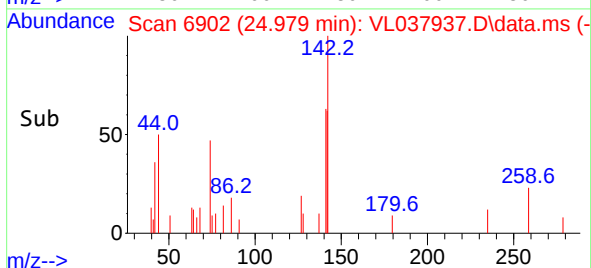
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

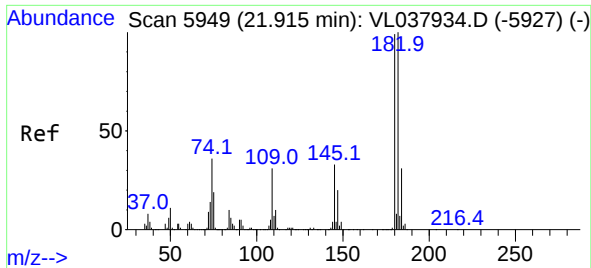


#80
Naphthalene,2-methyl-
Concen: 0.158 ppbv m
RT: 24.979 min Scan# 6902
Delta R.T. 0.016 min
Lab File: VL037937.D
Acq: 1 Nov 2021 11:17



Tgt Ion:142 Resp: 12477
Ion Ratio Lower Upper
142 100
141 22.0 66.4 99.6#
115 8.2 29.0 43.4#





#81
 1,2,4-Trichlorobenzene
 Concen: 0.395 ppbv m
 RT: 21.921 min Scan# 5951
 Delta R.T. 0.006 min
 Lab File: VL037937.D
 Acq: 1 Nov 2021 11:17

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDIC0.5

Tgt Ion:180 Resp: 7428
 Ion Ratio Lower Upper
 180 100
 182 0.0 79.3 118.9
 184 0.0 25.3 37.9

Manual Integrations
 APPROVED

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

