

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110121\
 Data File : VL037943.D
 Acq On : 1 Nov 2021 17:41
 Operator : SY/AP
 Sample : VL1101ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1101ABS01

Manual Integrations
 APPROVED

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

Quant Time: Nov 02 06:07:05 2021

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 02 06:07:05 2021

QLast Update : Tue Nov 02 05:54:07 2021

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.661	49	1583671	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	4658057	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.076	117	4290807m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.404 95 3196031 10.247 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 102.500%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.051	85	1925823	8.631	ppbv	100
3) Chlorodifluoromethane	2.989	51	2578237	8.745	ppbv	99
4) Chloromethane	3.141	50	1004233	8.963	ppbv	100
5) Vinyl Chloride	3.256	62	951550	8.812	ppbv	94
6) Bromomethane	3.478	94	528154	9.054	ppbv	94
7) Chloroethane	3.555	64	322368	8.270	ppbv	98
8) Dichlorotetrafluoroethane	3.189	85	2216389	8.623	ppbv	99
9) Propene	3.012	41	939728	8.890	ppbv	97
10) Heptane	8.115	43	2368555	9.631	ppbv	99
11) Trichlorofluoromethane	3.948	101	2027906	9.127	ppbv	99
12) 1,1,2-Trichlorotrifluoro...	4.481	101	1501179	8.667	ppbv	97
13) Ethanol	3.613	45	95167m	8.924	ppbv	
14) Bromoethene	3.739	108	691976	9.133	ppbv	99
15) Acetone	3.845	43	1158317	8.851	ppbv	98
16) 1,3-Butadiene	3.327	39	949410	9.207	ppbv	99
17) tert-Butyl alcohol	4.282	59	1295765	9.523	ppbv	98
18) 1,1-Dichloroethene	4.285	96	719777	9.030	ppbv	97
19) Isopropyl Alcohol	3.964	45	738400	8.824	ppbv #	95
20) Methylene Chloride	4.343	84	582774	8.112	ppbv	97
21) Allyl Chloride	4.407	41	1133783	9.390	ppbv	99
22) trans-1,2-Dichloroethene	4.883	96	719262	9.081	ppbv	96
23) Vinyl Acetate	5.067	43	2215891	11.246	ppbv	99
24) 1,1-Dichloroethane	5.005	63	1452638	8.923	ppbv	99
25) Ethyl Acetate	5.671	43	3649826	9.390	ppbv	100
26) Hexane	5.684	57	1743755	9.469	ppbv	99
27) Carbon Disulfide	4.546	76	1817004	9.994	ppbv	98
28) Methyl tert-Butyl Ether	5.028	73	1543508	9.969	ppbv	99
29) Chloroform	5.748	83	2427382	8.839	ppbv	99
30) Cyclohexane	7.121	84	1480462	9.404	ppbv	98
31) cis-1,2-Dichloroethene	5.546	61	1608219	9.572	ppbv	99
32) 1,1,1-Trichloroethane	6.507	97	2301157	8.525	ppbv	99
34) 2-Butanone	5.240	43	1634677	9.471	ppbv	99
35) Carbon Tetrachloride	7.015	117	2426351	8.616	ppbv	97
36) Benzene	6.883	78	3585155	9.451	ppbv	98
37) 1,2-Dichloroethane	6.301	62	1680743	9.320	ppbv	99
38) Trichloroethene	7.829	130	1443601	9.169	ppbv	97
39) 1,2-Dichloropropane	7.603	63	1376822	9.646	ppbv	98
40) 1,4-Dioxane	7.829	88	299587	7.970	ppbv #	1
41) Tetrahydrofuran	6.044	42	862470	10.212	ppbv	98
42) Bromodichloromethane	7.784	83	2564526	9.405	ppbv	96
43) Methyl Methacrylate	8.005	69	1300416	10.444	ppbv	99
44) 2,2,4-Trimethylpentane	7.864	57	6011047	9.317	ppbv	100
45) t-1,3-Dichloropropene	9.272	75	1057894	11.563	ppbv	99

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Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 02 06:07:05 2021

QLast Update : Tue Nov 02 05:54:07 2021

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.697	75	1399981	11.130	ppbv	98
47) 1,1,2-Trichloroethane	9.465	97	1445019	9.011	ppbv	99
48) Dibromochloromethane	10.295	129	2287874	10.076	ppbv	98
49) Bromoform	13.034	173	1887725	10.518	ppbv	99
50) 4-Methyl-2-Pentanone	8.735	43	2272295	10.020	ppbv	99
51) 2-Hexanone	10.131	43	1023650	10.710	ppbv	99
52) Tetrachloroethene	11.214	164	1286164	8.938	ppbv	97
53) Toluene	9.796	91	4157149	10.222	ppbv	99
54) 1,2-Dibromoethane	10.600	107	2043991	9.883	ppbv	100
56) 1,1,1,2-Tetrachloroethane	12.118	131	1556384	8.984	ppbv #	59
57) Chlorobenzene	12.137	112	3036126	8.865	ppbv	98
58) Ethyl Benzene	12.700	91	5197765	9.906	ppbv	99
59) m/p-Xylene	12.983	91	8706110m	18.667	ppbv	
60) o-Xylene	13.680	91	4087325m	9.295	ppbv	
61) Styrene	13.520	104	2282444	11.302	ppbv	99
62) Isopropylbenzene	14.658	105	5688769	9.137	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.661	83	2976162	7.864	ppbv	98
64) n-propylbenzene	15.552	120	1523122	9.547	ppbv	96
65) tert-Butylbenzene	16.735	119	4917193	8.936	ppbv	99
66) Benzyl Chloride	16.976	91	310084	10.785	ppbv	98
67) sec-Butylbenzene	17.285	105	6868613	9.060	ppbv	100
69) p-Isopropyltoluene	17.638	119	5645072	9.283	ppbv	100
70) n-Butylbenzene	18.535	91	5410232	9.682	ppbv	99
71) 2-Chlorotoluene	15.442	91	4140399	9.491	ppbv	98
72) 4-Ethyltoluene	15.828	105	5037232	9.999	ppbv	98
73) 1,3,5-Trimethylbenzene	15.983	105	4385888	9.297	ppbv	99
74) 1,2,4-Trimethylbenzene	16.754	105	4488786	9.082	ppbv	98
75) 1,3-Dichlorobenzene	16.986	146	2771573	9.007	ppbv	100
76) 1,4-Dichlorobenzene	17.127	146	2601265	8.736	ppbv	99
77) 1,2-Dichlorobenzene	17.806	146	2527667	8.748	ppbv	100
78) Hexachloro-1,3-Butadiene	23.358	225	1901427	7.688	ppbv	98
79) Naphthalene	22.175	128	3386032	11.891	ppbv	100
80) Naphthalene,2-methyl-	24.960	142	989202	17.846	ppbv	99
81) 1,2,4-Trichlorobenzene	21.912	180	1909083	10.300	ppbv	99

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

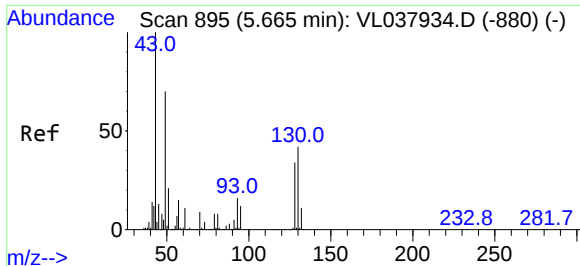
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

Abundance

TIC: VL037943.D\data.ms

Time-->

Chlorotetrafluoroethane, T
Dichlorodifluoroethane, T
Chloroethane, T
1,3-Butadiene, T
Acetone, T
Ethanol, T
Isopropyl Alcohol, T
Carbon Disulfide, T
Methyl Chloride, T
Vinyl Acetylene, T
2-Butanone, T
cis-1,2-Dichloroethene, T
Tetrahydrofuran, T
1,2-Dichloroethane, T
1,1,1-Trichloroethane, T
Carbohydrazide, T
1,4-Difluorobenzene, I
1,2-Dichloropropane, T
Bromochloromethane, T
Methyl Methacrylate, T
Heptane, T
cis-1,3-Dichloropropene, T
t-1,3-Dichloropropene, T
1,1,2-Trichloroethane, T
Toluene, T
2-Hexanone, T
Dibromochloromethane, T
1,2-Dibromoethane, T
Tetrachloroethene, T
Chloroethane, T
1,1,1-Trichloroethane, T
Ethyl Benzene, T
m/p-Xylene, T
1,4,2,2-Tetrachloroethane, Xylene, T
1-Bromo-4-Fluorobenzene, S
Isopropylbenzene, T
2-Chlorotoluene, propylbenzene
4-Ethyltoluene, T
1,3,5-Trimethylbenzene, T
1,2,4-Trichlorobenzene, T
sec-Butylbenzene
p-Isopropyltoluene
n-Butylbenzene
Hexachloro-1,3-Butadiene, T
Naphthalene, T
1,2,4-Trichlorobenzene, T
Naphthalene, 2-methyl-, T



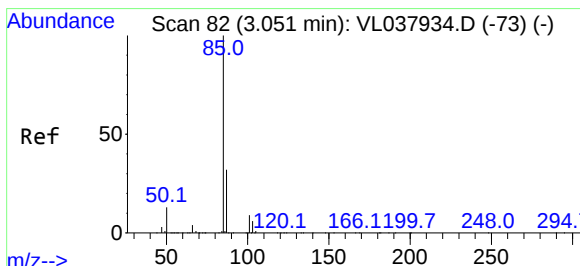
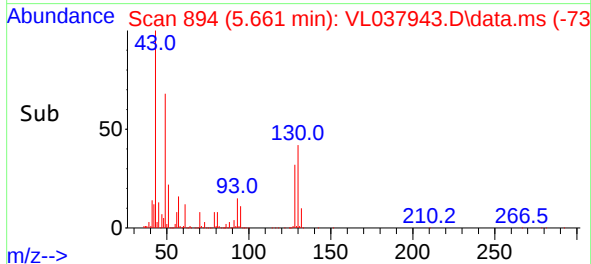
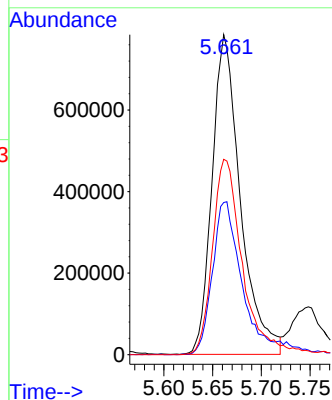
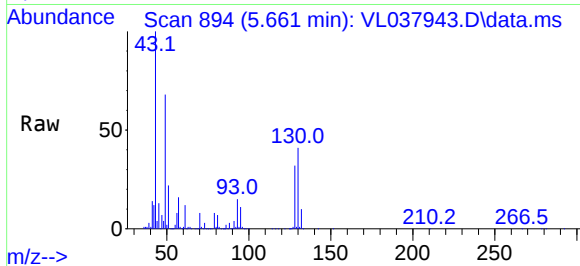
#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 895
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

Instrument :
MSVOA_L
ClientSampleId :
VL1101ABS01

Tgt Ion: 49 Resp: 158367
Ion Ratio Lower Upper
49 100
128 52.8 27.0 81.0
130 65.9 33.4 100.2

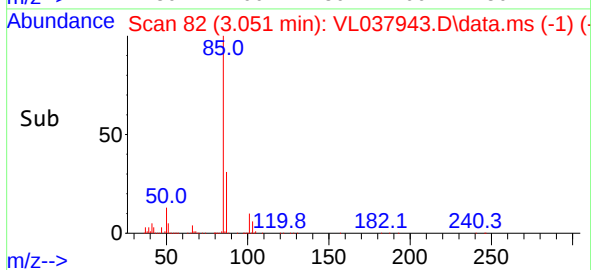
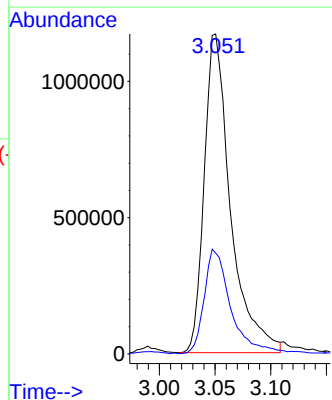
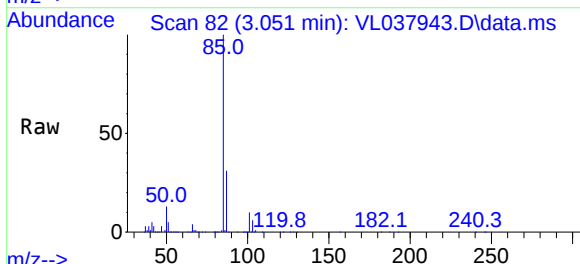
Manual Integrations
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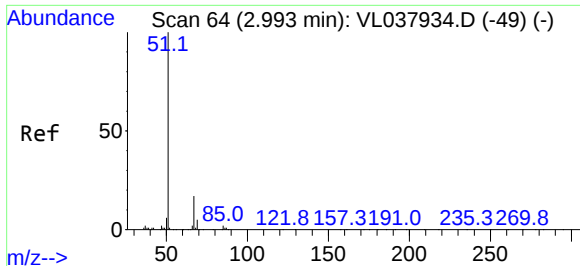
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#2
Dichlorodifluoromethane
Concen: 8.631 ppbv
RT: 3.051 min Scan# 82
Delta R.T. 0.000 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

Tgt Ion: 85 Resp: 1925823
Ion Ratio Lower Upper
85 100
87 31.5 25.3 37.9





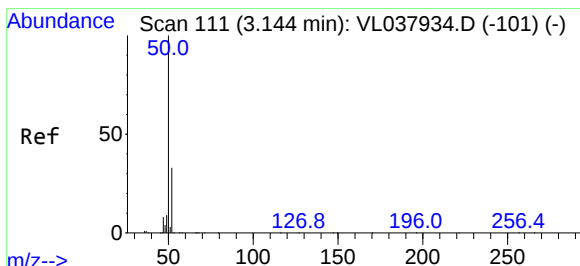
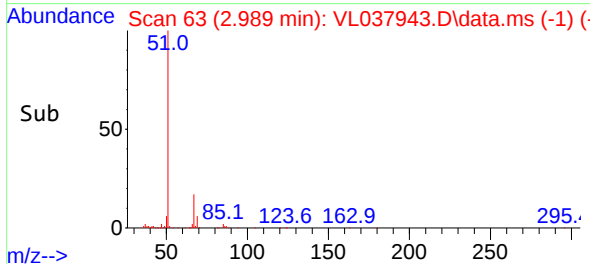
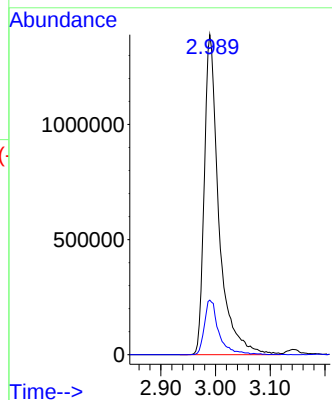
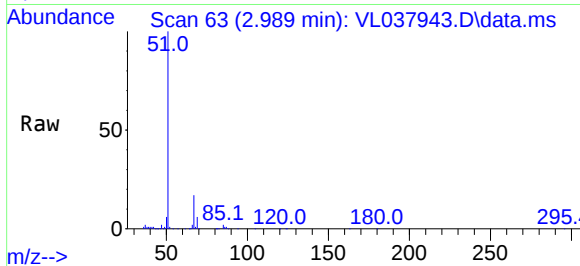
#3
Chlorodifluoromethane
Concen: 8.745 ppbv
RT: 2.989 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

Instrument :
MSVOA_L
ClientSampleId :
VL1101ABS01

Tgt Ion: 51 Resp: 257823
Ion Ratio Lower Upper
51 100
67 16.9 13.4 20.0

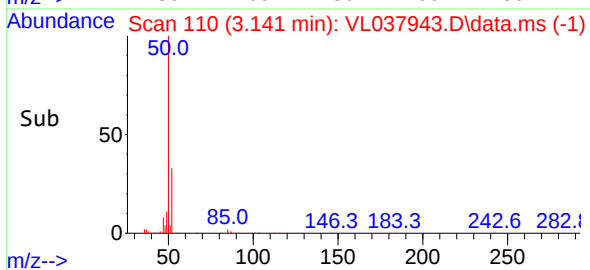
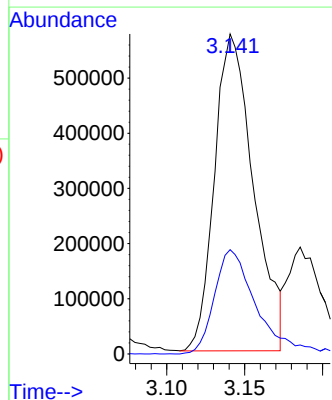
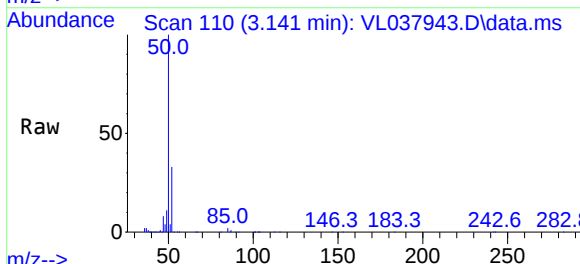
Manual Integrations
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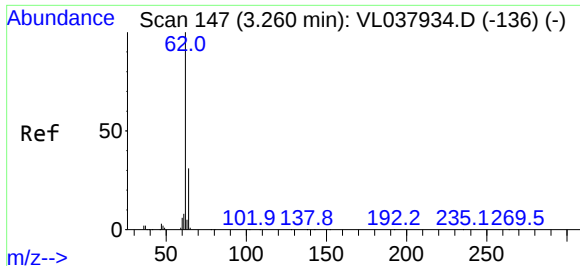
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#4
Chloromethane
Concen: 8.963 ppbv
RT: 3.141 min Scan# 110
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

Tgt Ion: 50 Resp: 1004233
Ion Ratio Lower Upper
50 100
52 32.9 26.3 39.5





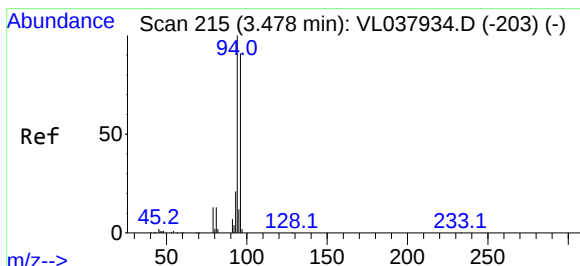
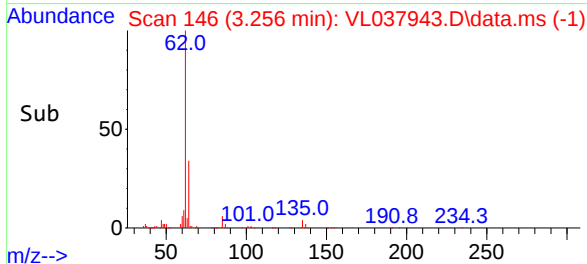
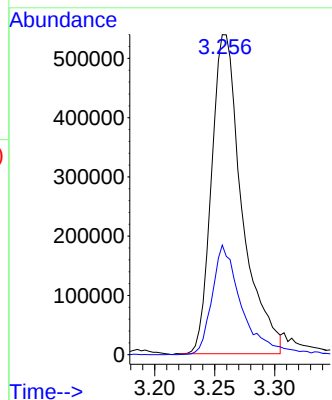
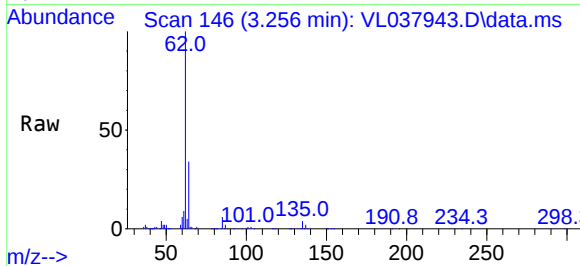
#5
 Vinyl Chloride
 Concen: 8.812 ppbv
 RT: 3.256 min Scan# 147
 Delta R.T. -0.003 min
 Lab File: VL037943.D
 Acq: 1 Nov 2021 17:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1101ABS01

Tgt Ion: 62 Resp: 951550
 Ion Ratio Lower Upper
 62 100
 64 34.3 24.7 37.1

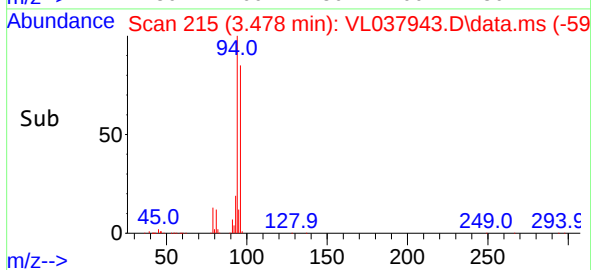
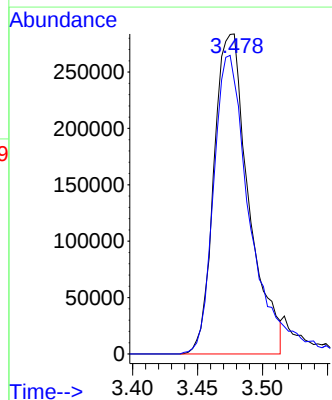
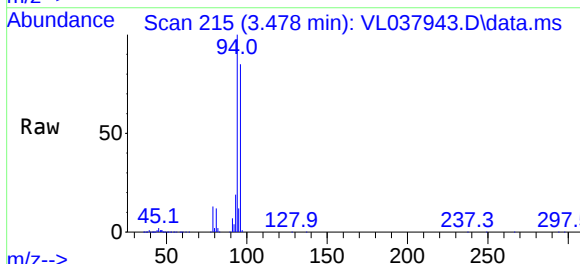
Manual Integrations
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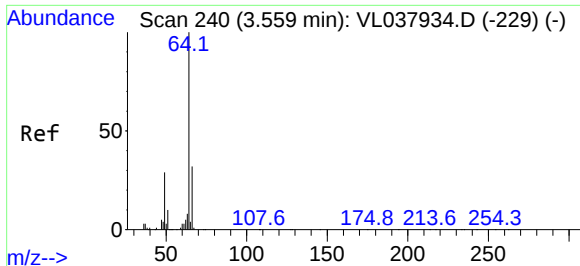
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#6
 Bromomethane
 Concen: 9.054 ppbv
 RT: 3.478 min Scan# 215
 Delta R.T. 0.000 min
 Lab File: VL037943.D
 Acq: 1 Nov 2021 17:41

Tgt Ion: 94 Resp: 528154
 Ion Ratio Lower Upper
 94 100
 96 85.3 73.0 109.4





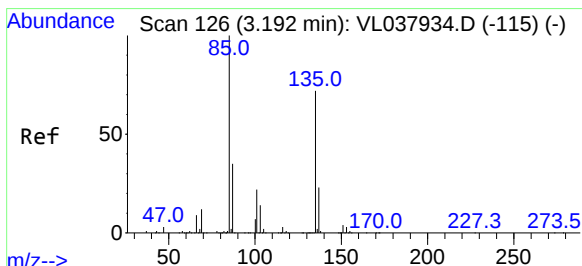
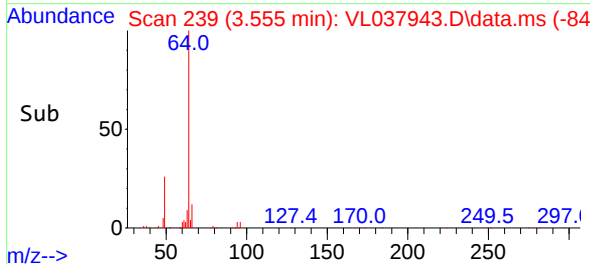
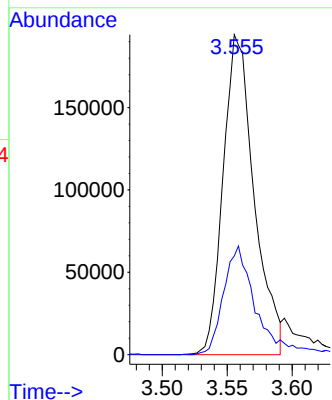
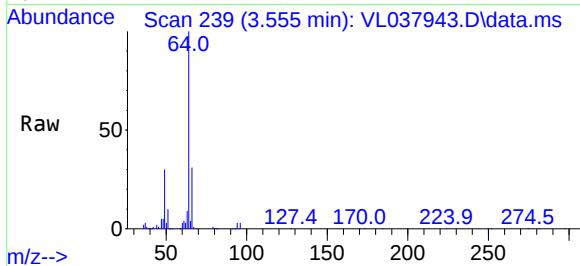
#7
Chloroethane
Concen: 8.270 ppbv
RT: 3.555 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

Instrument :
MSVOA_L
ClientSampleId :
VL1101ABS01

Tgt Ion: 64 Resp: 322368
Ion Ratio Lower Upper
64 100
66 30.8 25.5 38.3

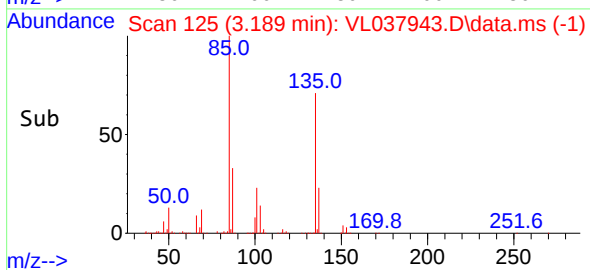
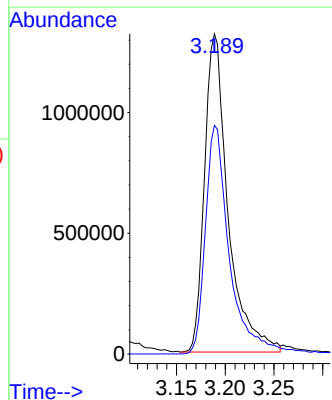
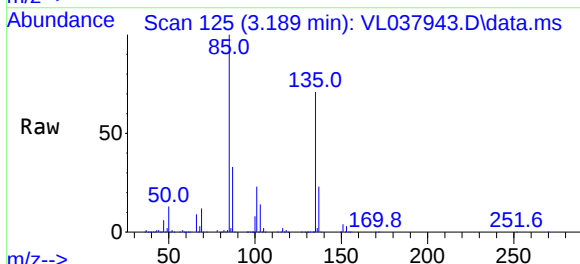
Manual Integrations
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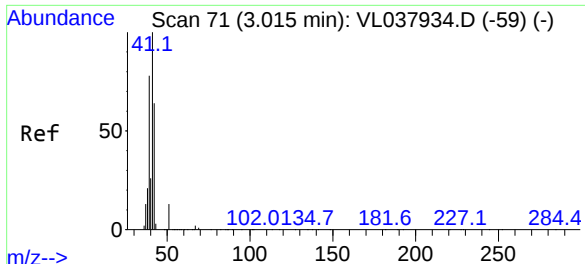
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#8
Dichlorotetrafluoroethane
Concen: 8.623 ppbv
RT: 3.189 min Scan# 125
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

Tgt Ion: 85 Resp: 2216389
Ion Ratio Lower Upper
85 100
135 74.2 58.8 88.2





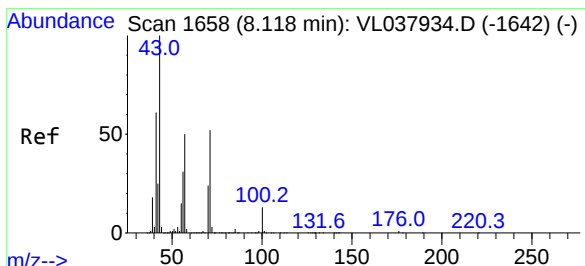
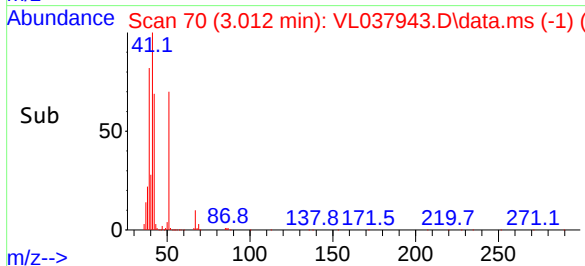
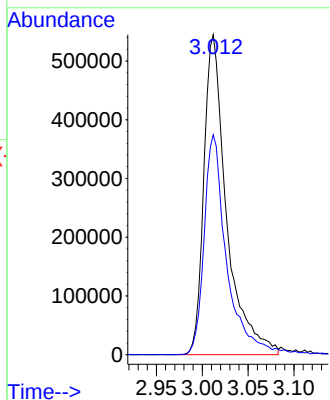
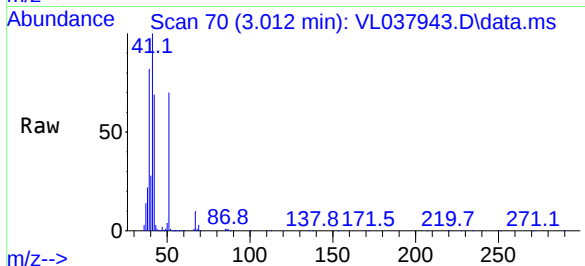
#9
Propene
Concen: 8.890 ppbv
RT: 3.012 min Scan# 70
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

Instrument :
MSVOA_L
Client Sample Id :
VL1101ABS01

Tgt Ion: 41 Resp: 939728
Ion Ratio Lower Upper
41 100
42 69.1 57.6 86.4

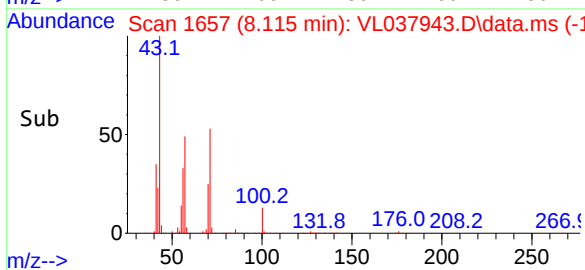
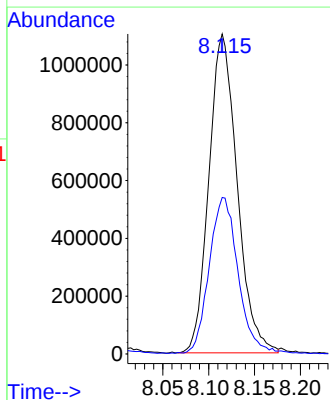
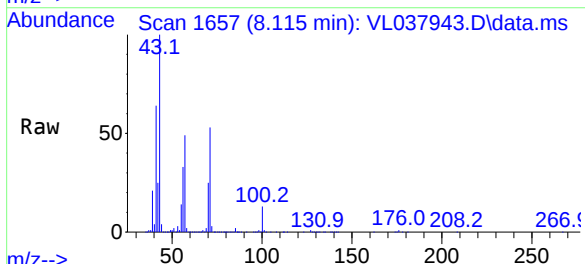
Manual Integrations
APPROVED

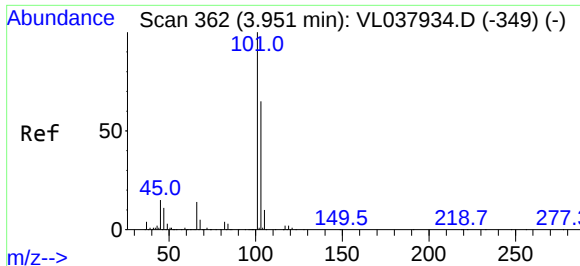
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#10
Heptane
Concen: 9.631 ppbv
RT: 8.115 min Scan# 1657
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

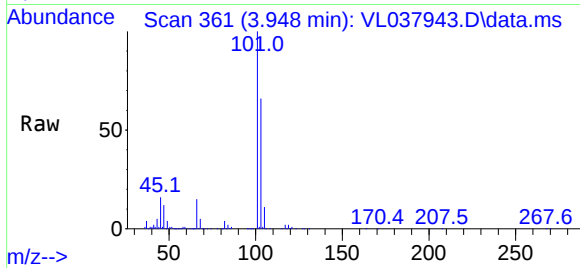
Tgt Ion: 43 Resp: 2368555
Ion Ratio Lower Upper
43 100
57 50.4 39.8 59.8





#11
Trichlorofluoromethane
Concen: 9.127 ppbv
RT: 3.948 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

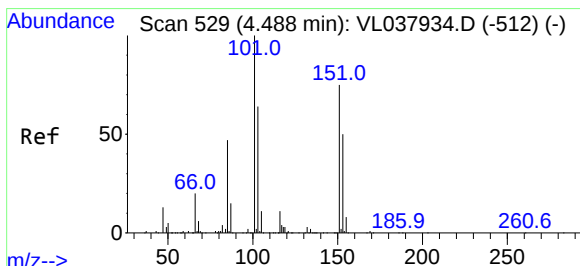
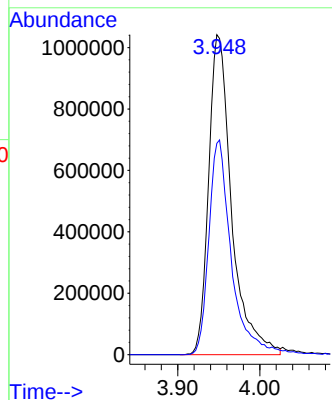
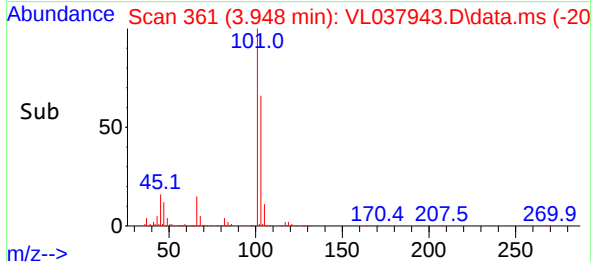
Instrument :
MSVOA_L
ClientSampleId :
VL1101ABS01



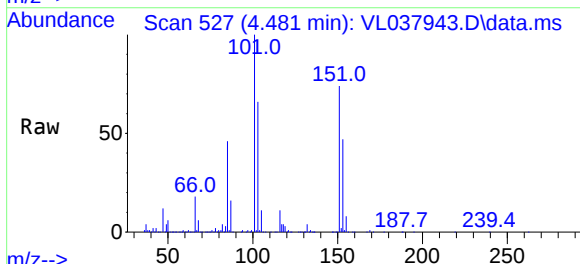
Tgt Ion:101 Resp: 2027900
Ion Ratio Lower Upper
101 100
103 66.1 52.0 78.0

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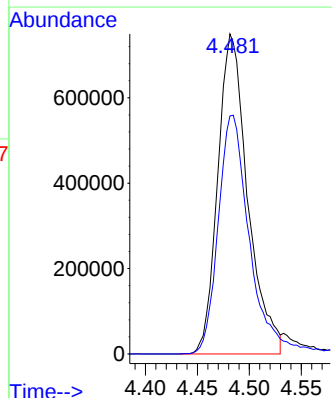
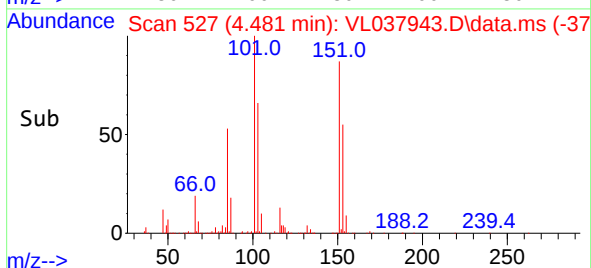
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

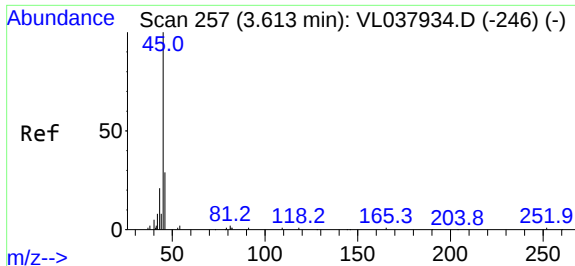


#12
1,1,2-Trichlorotrifluoroethane
Concen: 8.667 ppbv
RT: 4.481 min Scan# 527
Delta R.T. -0.006 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41



Tgt Ion:101 Resp: 1501179
Ion Ratio Lower Upper
101 100
151 79.5 61.8 92.8





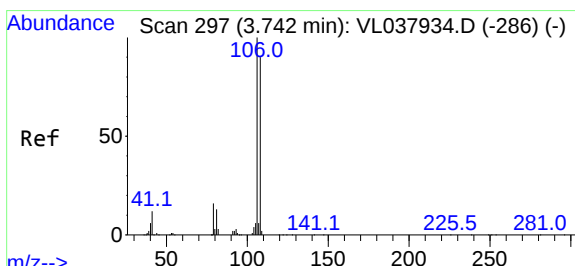
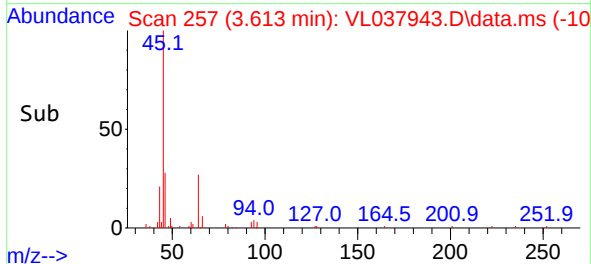
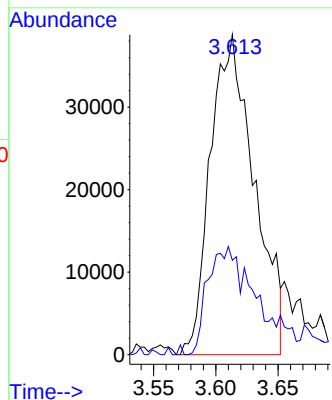
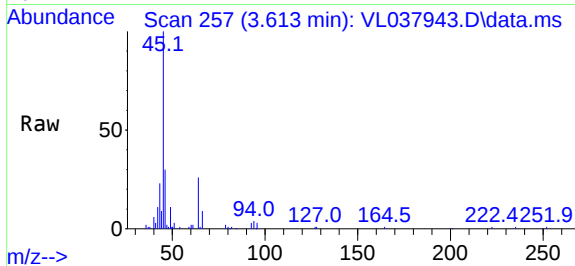
#13
Ethanol
Concen: 8.924 ppbv m
RT: 3.613 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

Instrument :
MSVOA_L
ClientSampleId :
VL1101ABS01

Tgt Ion: 45 Resp: 9516
Ion Ratio Lower Upper
45 100
46 44.6 17.4 69.8

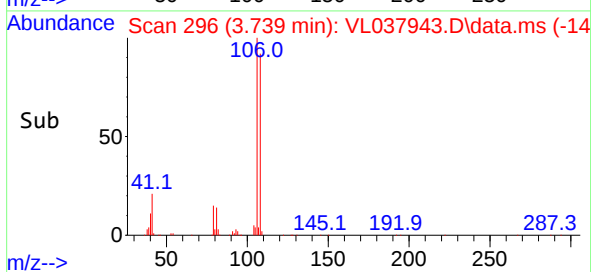
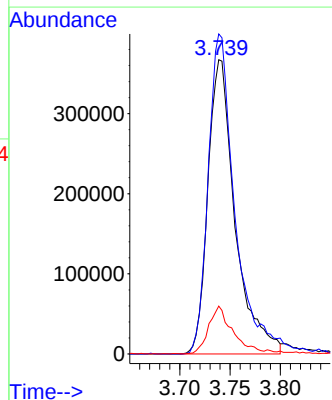
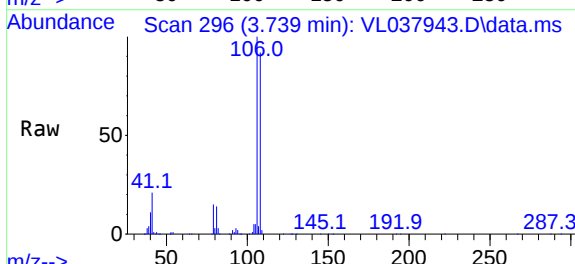
Manual Integrations
APPROVED

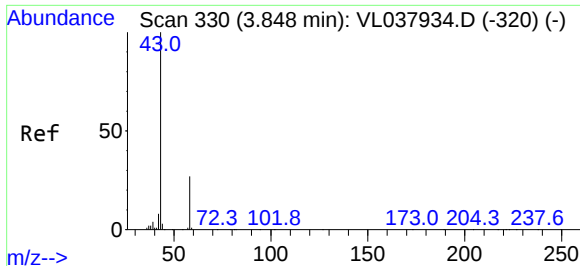
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#14
Bromoethene
Concen: 9.133 ppbv
RT: 3.739 min Scan# 296
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

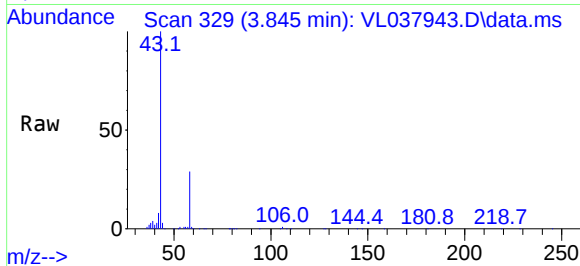
Tgt Ion:108 Resp: 691976
Ion Ratio Lower Upper
108 100
106 108.8 88.4 132.6
79 15.6 12.4 18.6





#15
Acetone
Concen: 8.851 ppbv
RT: 3.845 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

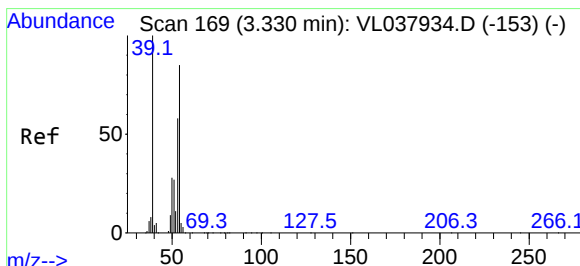
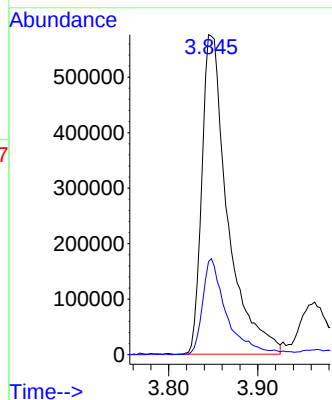
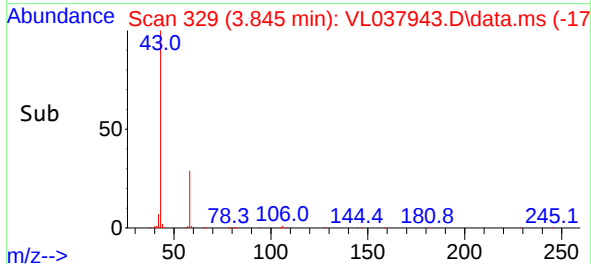
Instrument :
MSVOA_L
ClientSampleId :
VL1101ABS01



Tgt Ion: 43 Resp: 115831
Ion Ratio Lower Upper
43 100
58 28.2 23.3 34.9

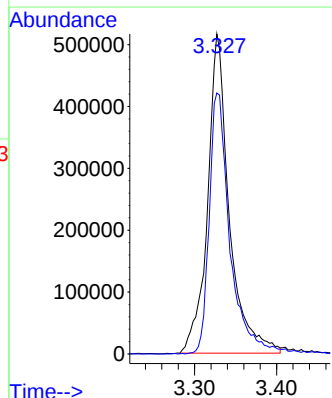
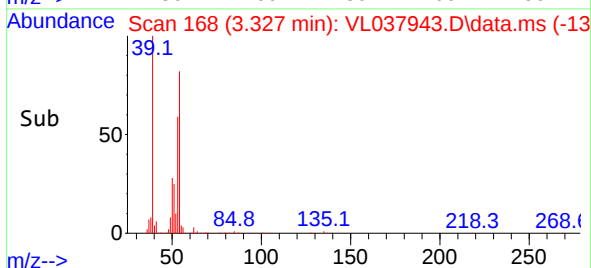
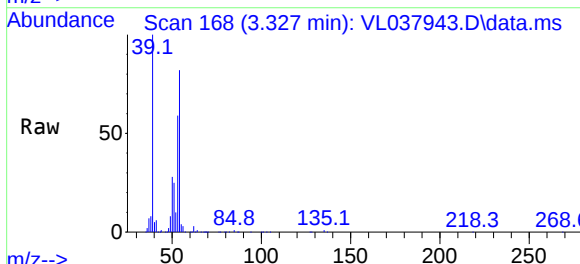
Manual Integrations
APPROVED

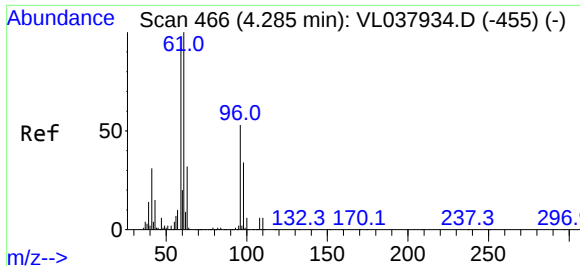
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#16
1,3-Butadiene
Concen: 9.207 ppbv
RT: 3.327 min Scan# 168
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

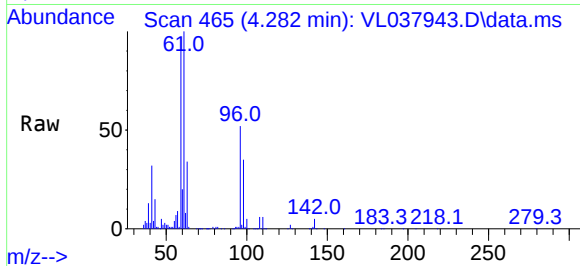
Tgt Ion: 39 Resp: 949410
Ion Ratio Lower Upper
39 100
54 78.9 62.6 93.8





#17
tert-Butyl alcohol
Concen: 9.523 ppbv
RT: 4.282 min Scan# 465
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

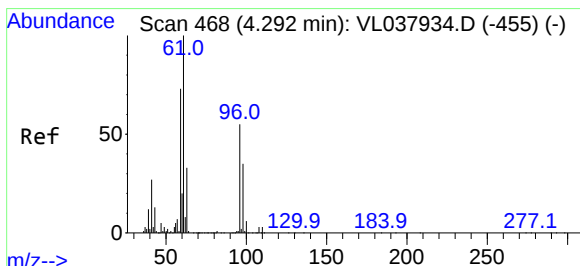
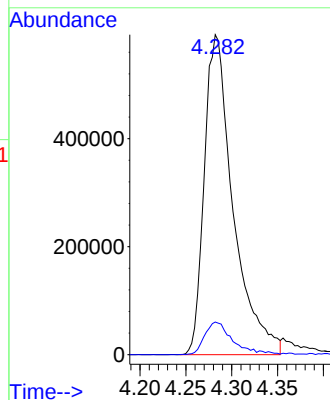
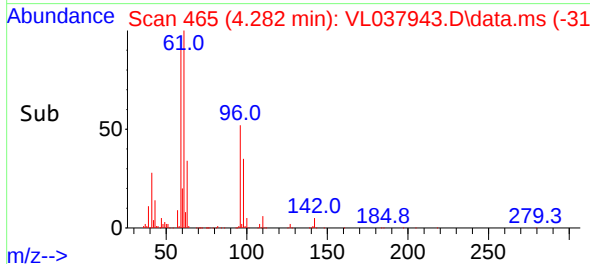
Instrument : MSVOA_L
ClientSampleId : VL1101ABS01



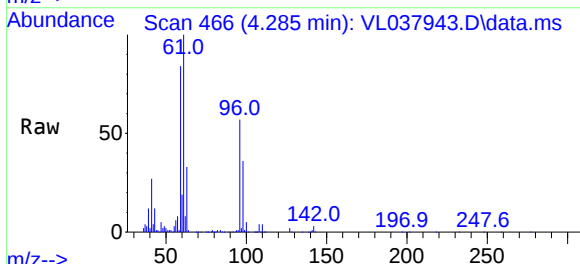
Tgt Ion: 59 Resp: 129576
Ion Ratio Lower Upper
59 100
57 10.2 8.9 13.3

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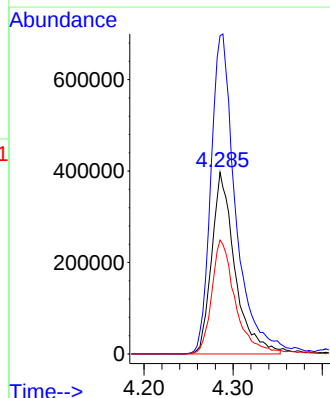
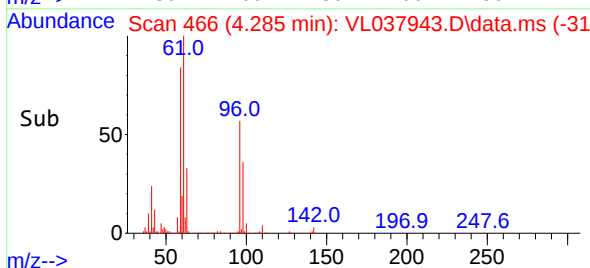
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

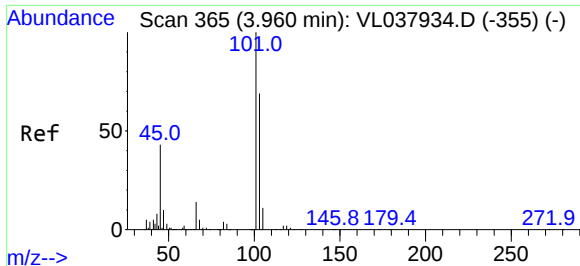


#18
1,1-Dichloroethene
Concen: 9.030 ppbv
RT: 4.285 min Scan# 466
Delta R.T. -0.006 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41



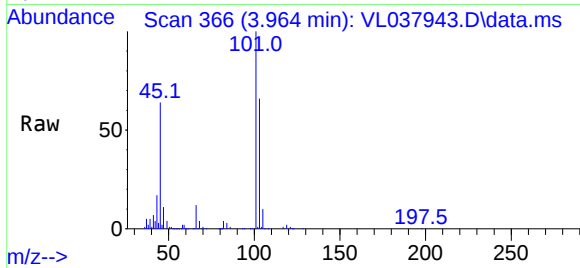
Tgt Ion: 96 Resp: 719777
Ion Ratio Lower Upper
96 100
61 175.2 144.3 216.5
98 62.7 50.5 75.7





#19
Isopropyl Alcohol
Concen: 8.824 ppbv
RT: 3.964 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

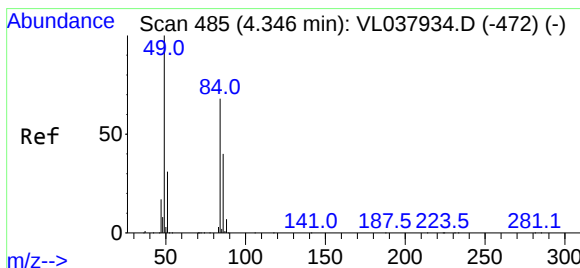
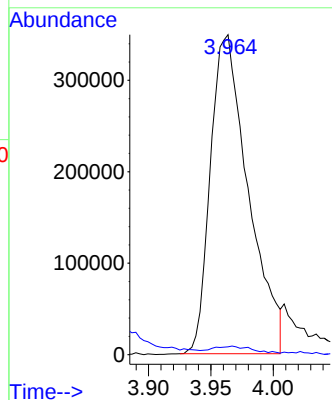
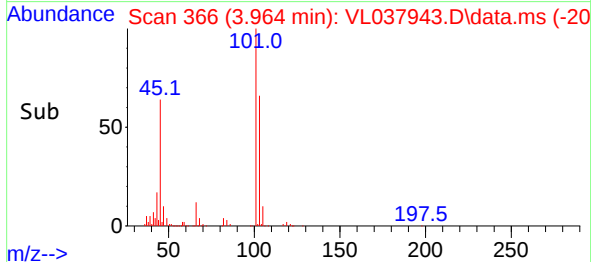
Instrument :
MSVOA_L
ClientSampleId :
VL1101ABS01



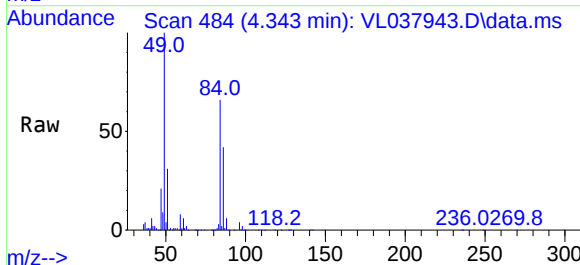
Tgt Ion: 45 Resp: 738400
Ion Ratio Lower Upper
45 100
58 3.4 4.0 6.0

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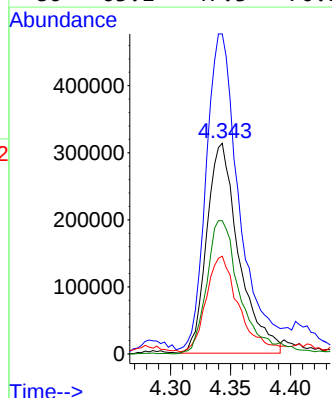
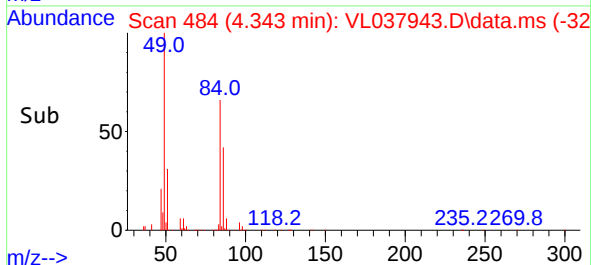
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

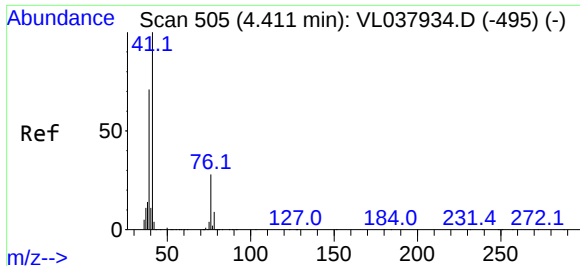


#20
Methylene Chloride
Concen: 8.112 ppbv
RT: 4.343 min Scan# 484
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41



Tgt Ion: 84 Resp: 582774
Ion Ratio Lower Upper
84 100
49 149.9 117.5 176.3
51 45.5 35.9 53.9
86 63.1 47.3 70.9





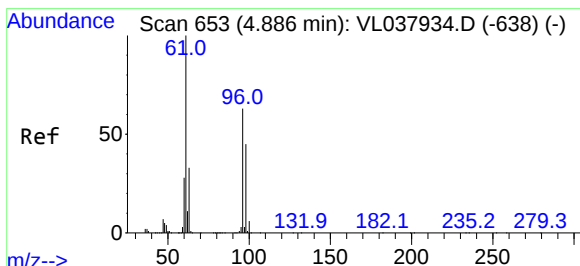
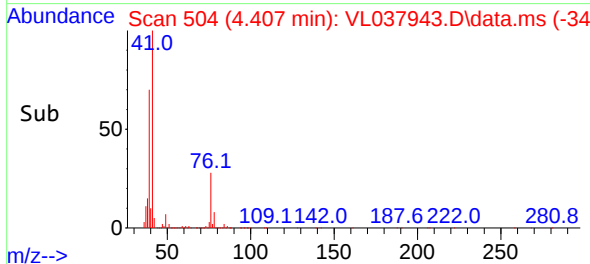
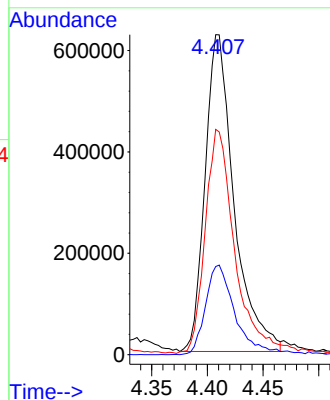
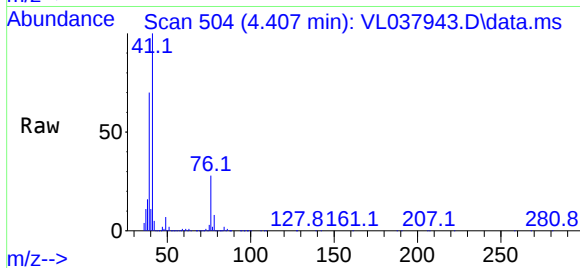
#21
 Allyl Chloride
 Concen: 9.390 ppbv
 RT: 4.407 min Scan# 504
 Delta R.T. -0.003 min
 Lab File: VL037943.D
 Acq: 1 Nov 2021 17:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1101ABS01

Tgt Ion: 41 Resp: 113378
 Ion Ratio Lower Upper
 41 100
 76 29.1 23.6 35.4
 39 73.2 59.7 89.5

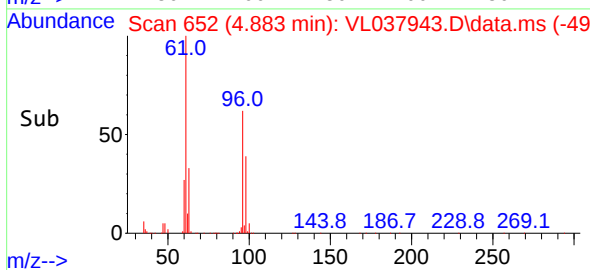
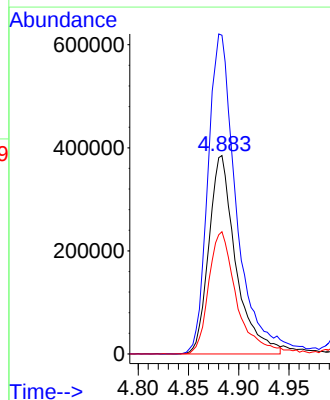
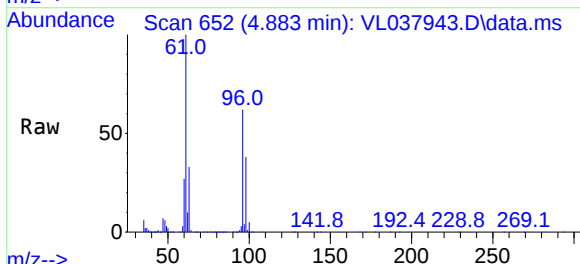
Manual Integrations
 APPROVED

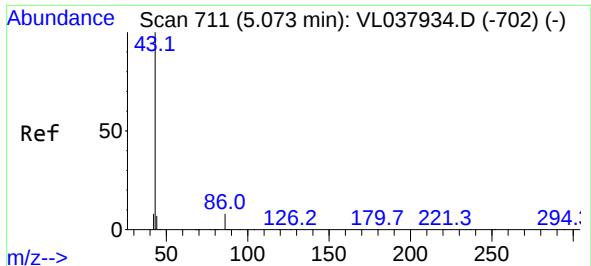
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#22
 trans-1,2-Dichloroethene
 Concen: 9.081 ppbv
 RT: 4.883 min Scan# 652
 Delta R.T. -0.003 min
 Lab File: VL037943.D
 Acq: 1 Nov 2021 17:41

Tgt Ion: 96 Resp: 719262
 Ion Ratio Lower Upper
 96 100
 61 160.4 127.8 191.6
 98 61.5 56.9 85.3





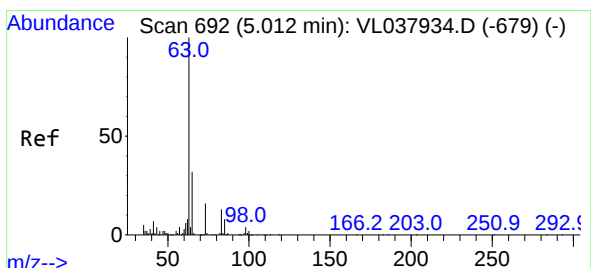
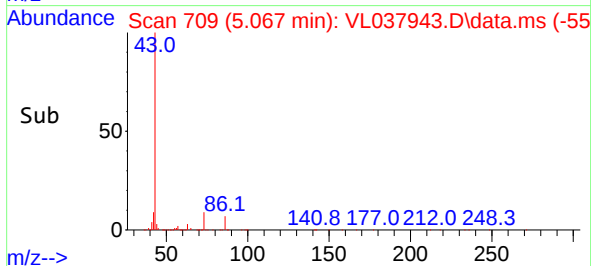
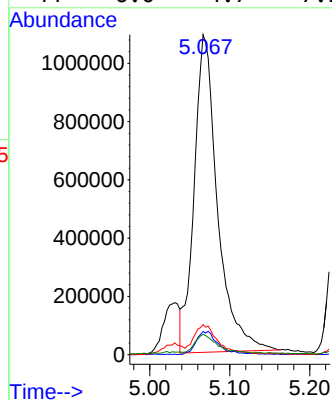
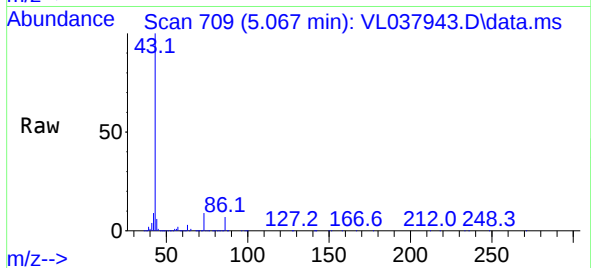
#23
 Vinyl Acetate
 Concen: 11.246 ppbv
 RT: 5.067 min Scan# 709
 Delta R.T. -0.006 min
 Lab File: VL037943.D
 Acq: 1 Nov 2021 17:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1101ABS01

Tgt Ion: 43 Resp: 221589
 Ion Ratio Lower Upper
 43 100
 86 7.3 5.5 8.3
 42 9.1 7.4 11.2
 44 6.0 4.7 7.1

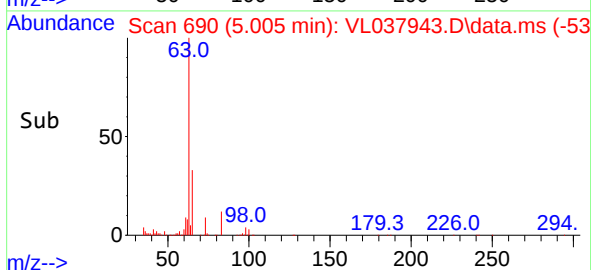
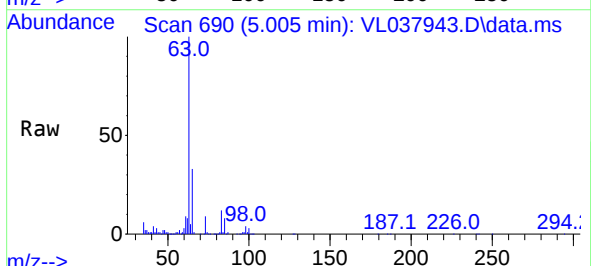
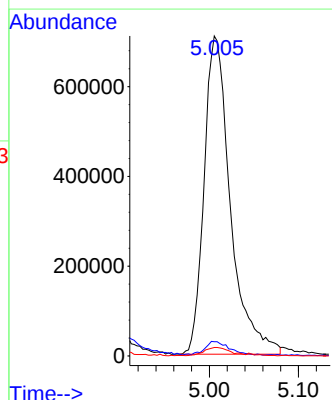
Manual Integrations APPROVED

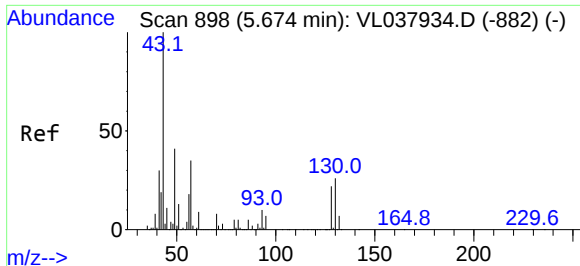
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#24
 1,1-Dichloroethane
 Concen: 8.923 ppbv
 RT: 5.005 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VL037943.D
 Acq: 1 Nov 2021 17:41

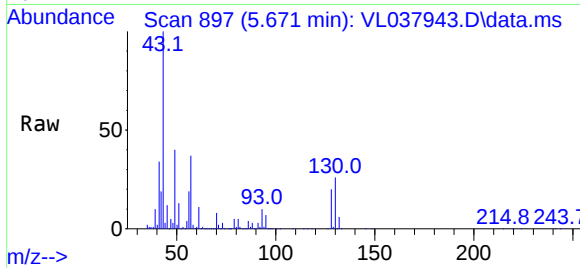
Tgt Ion: 63 Resp: 1452638
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.3 6.9
 100 2.5 1.2 3.6





#25
Ethyl Acetate
Concen: 9.390 ppbv
RT: 5.671 min Scan# 898
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

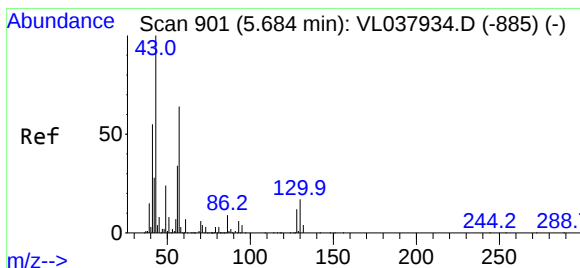
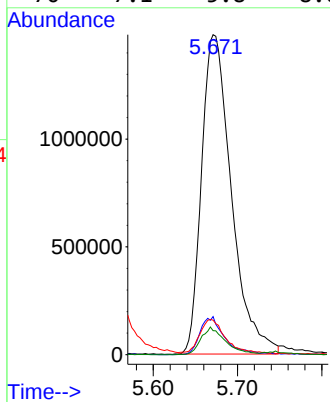
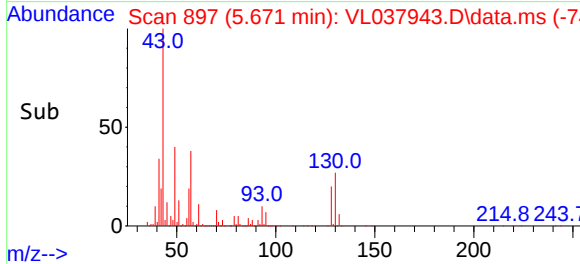
Instrument : MSVOA_L
Client Sample Id : VL1101ABS01



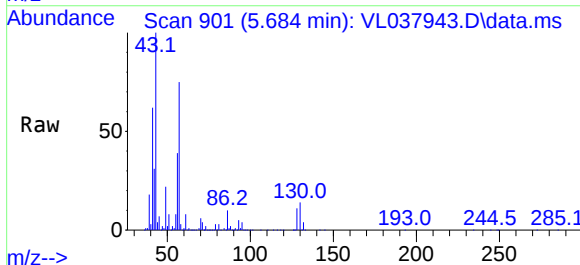
Tgt Ion: 43 Resp: 3649820
Ion Ratio Lower Upper
43 100
45 10.0 8.1 12.1
61 10.2 8.1 12.1
70 7.1 5.8 8.6

Manual Integrations
APPROVED

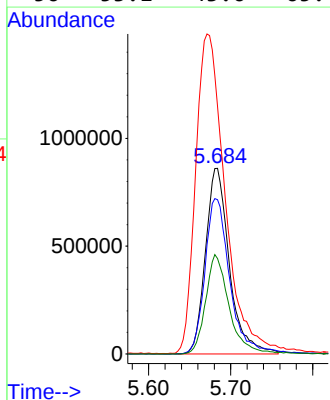
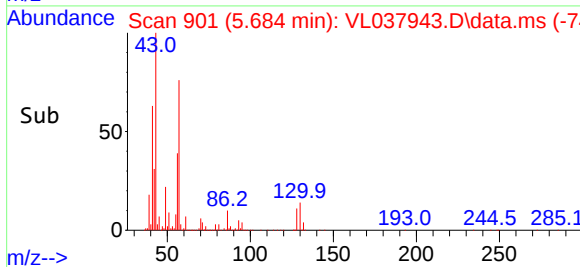
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

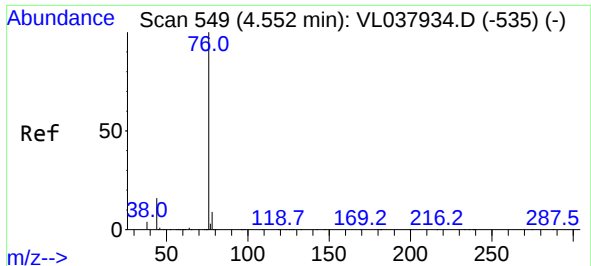


#26
Hexane
Concen: 9.469 ppbv
RT: 5.684 min Scan# 901
Delta R.T. 0.000 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41



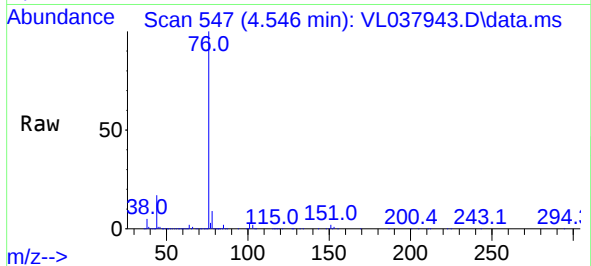
Tgt Ion: 57 Resp: 1743755
Ion Ratio Lower Upper
57 100
41 88.2 71.0 106.6
43 214.1 173.0 259.6
56 53.1 43.6 65.4





#27
Carbon Disulfide
Concen: 9.994 ppbv
RT: 4.546 min Scan# 547
Delta R.T. -0.006 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

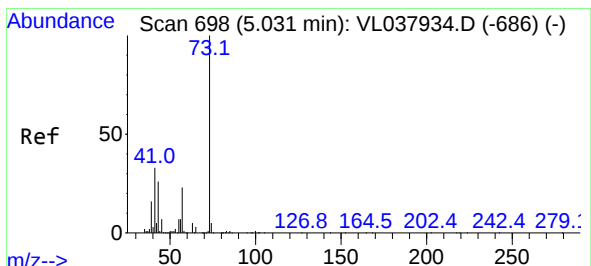
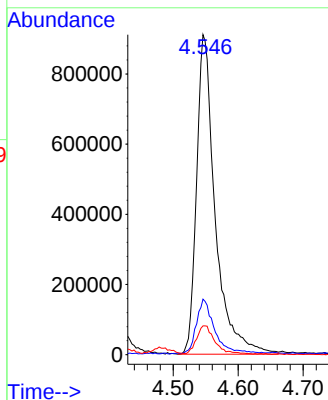
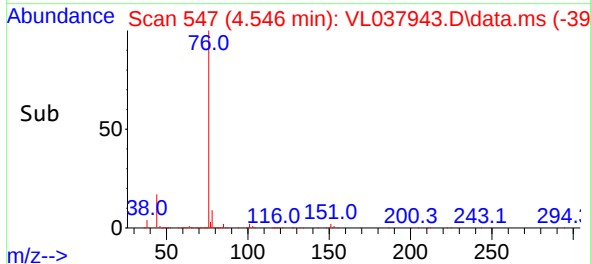
Instrument :
MSVOA_L
ClientSampleId :
VL1101ABS01



Tgt Ion: 76 Resp: 1817004
Ion Ratio Lower Upper
76 100
44 17.7 13.2 19.8
78 9.7 7.2 10.8

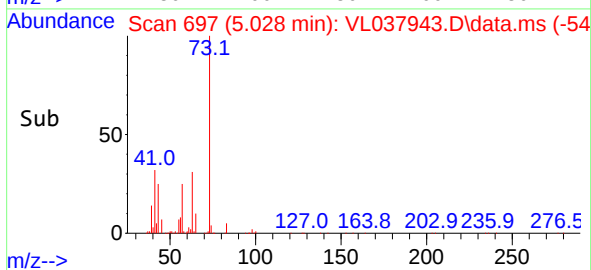
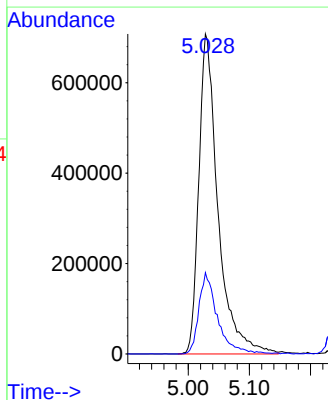
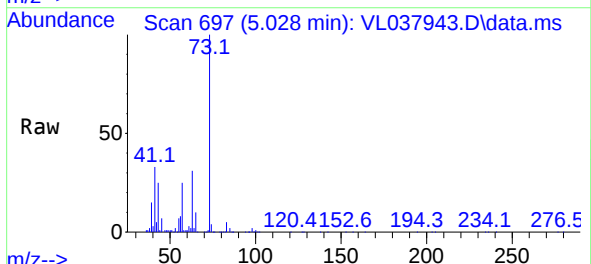
Manual Integrations
APPROVED

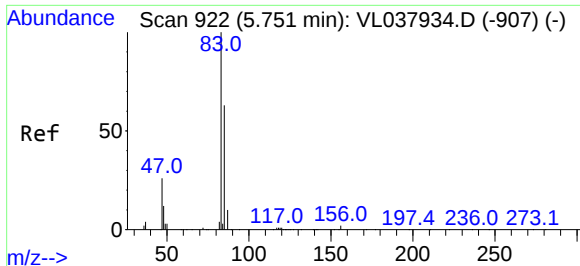
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#28
Methyl tert-Butyl Ether
Concen: 9.969 ppbv
RT: 5.028 min Scan# 697
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

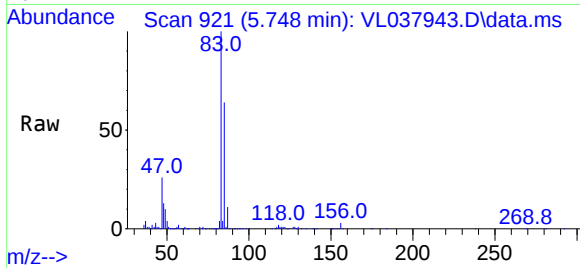
Tgt Ion: 73 Resp: 1543508
Ion Ratio Lower Upper
73 100
57 24.8 20.1 30.1





#29
Chloroform
Concen: 8.839 ppbv
RT: 5.748 min Scan# 91
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

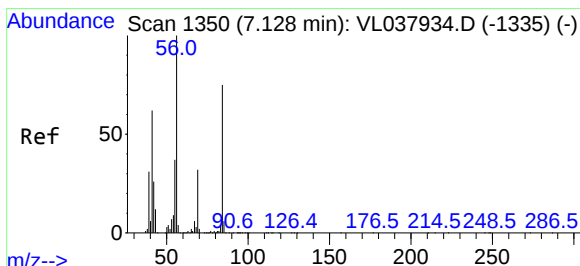
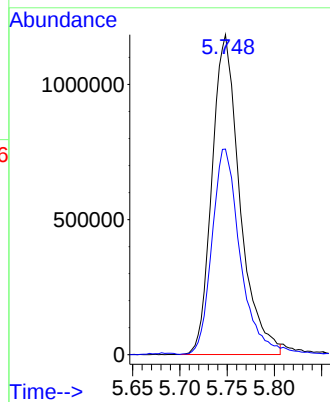
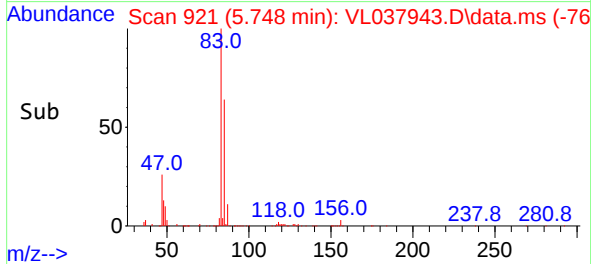
Instrument :
MSVOA_L
ClientSampleId :
VL1101ABS01



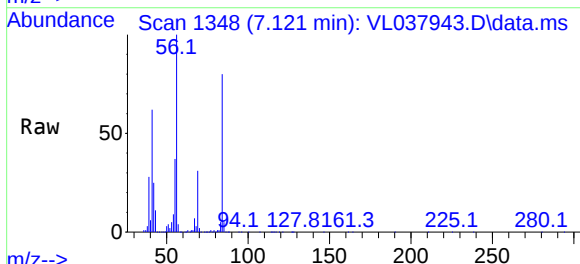
Tgt Ion: 83 Resp: 242738
Ion Ratio Lower Upper
83 100
85 64.1 50.6 76.0

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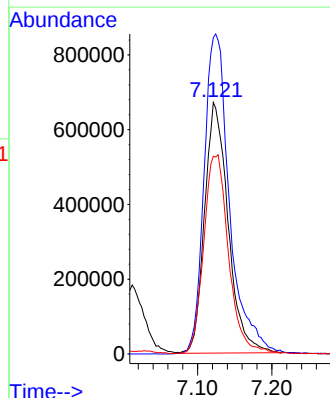
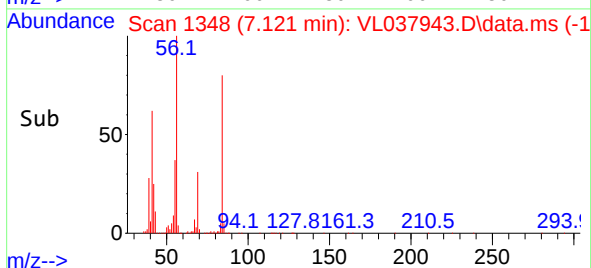
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

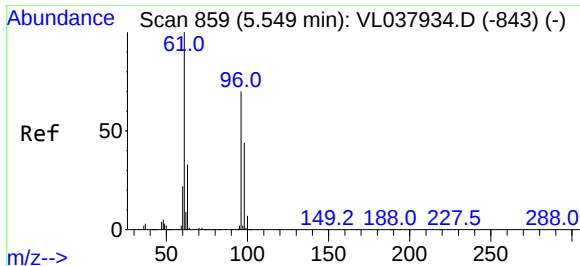


#30
Cyclohexane
Concen: 9.404 ppbv
RT: 7.121 min Scan# 1348
Delta R.T. -0.006 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41



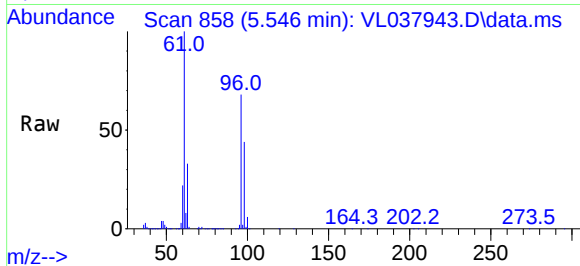
Tgt Ion: 84 Resp: 1480462
Ion Ratio Lower Upper
84 100
56 138.9 114.0 171.0
41 84.2 68.3 102.5





#31
 cis-1,2-Dichloroethene
 Concen: 9.572 ppbv
 RT: 5.546 min Scan# 859
 Delta R.T. -0.003 min
 Lab File: VL037943.D
 Acq: 1 Nov 2021 17:41

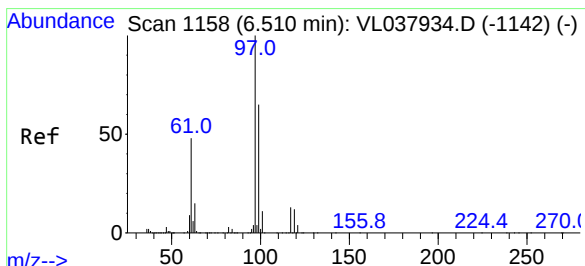
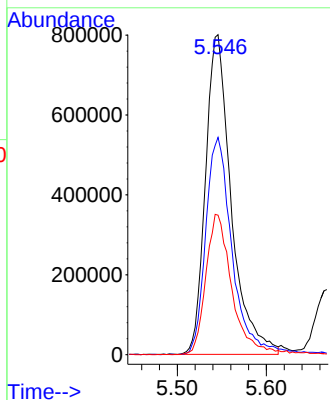
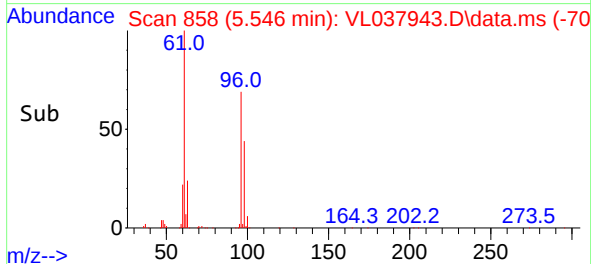
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1101ABS01



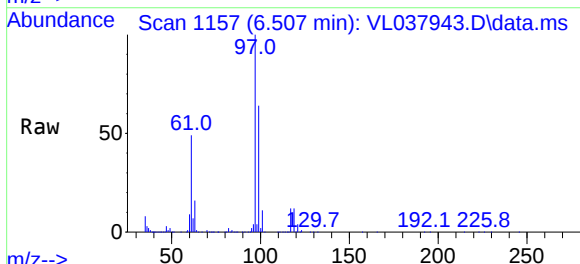
Tgt Ion: 61 Resp: 1608219
 Ion Ratio Lower Upper
 61 100
 96 67.9 55.6 83.4
 98 43.6 34.9 52.3

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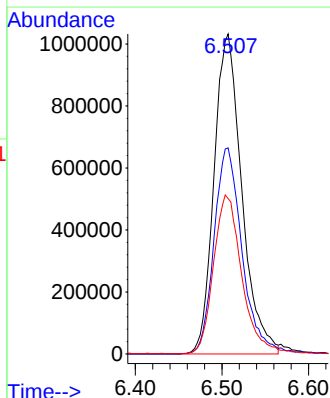
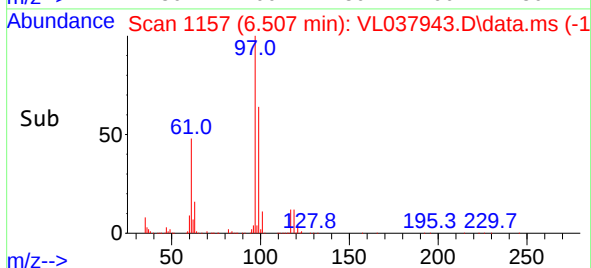
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021

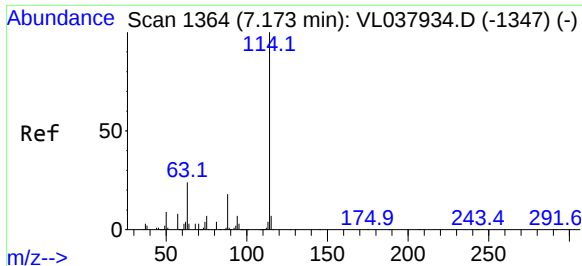


#32
 1,1,1-Trichloroethane
 Concen: 8.525 ppbv
 RT: 6.507 min Scan# 1157
 Delta R.T. -0.003 min
 Lab File: VL037943.D
 Acq: 1 Nov 2021 17:41



Tgt Ion: 97 Resp: 2301157
 Ion Ratio Lower Upper
 97 100
 99 65.5 52.2 78.4
 61 51.0 39.8 59.6





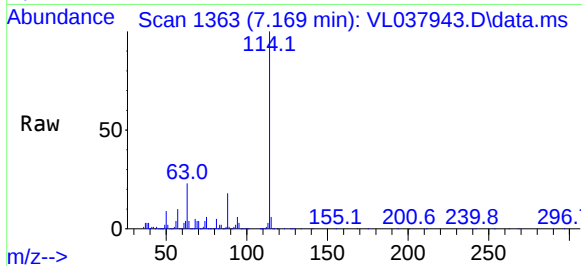
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 1114
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

Instrument :

MSVOA_L

ClientSampleId :

VL1101ABS01

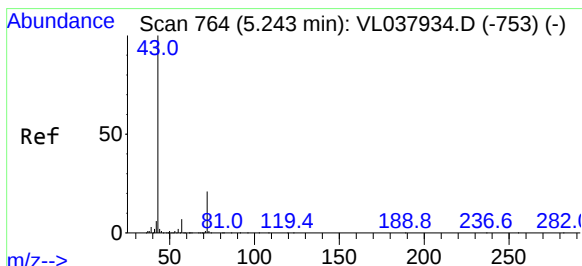
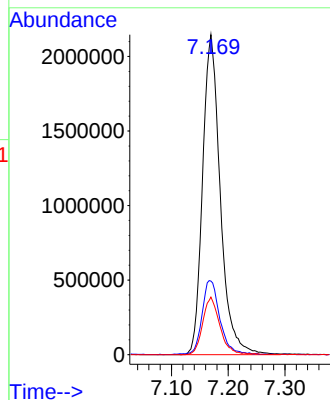
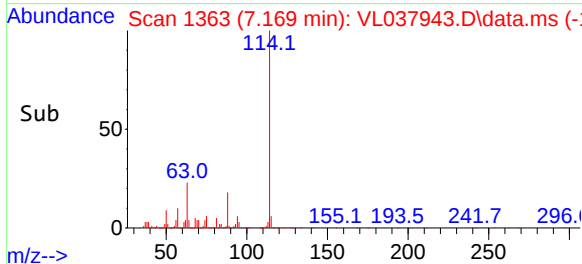


Tgt Ion:114 Resp: 465805
Ion Ratio Lower Upper
114 100
63 23.6 19.4 29.0
88 17.5 14.2 21.4

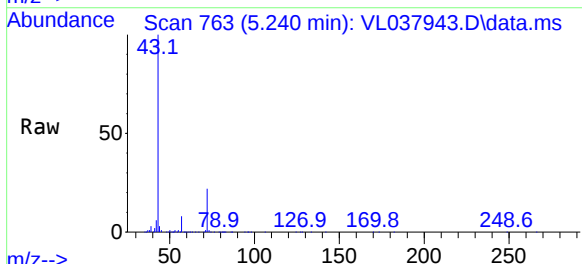
Manual Integrations

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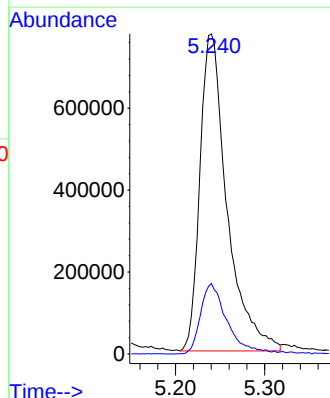
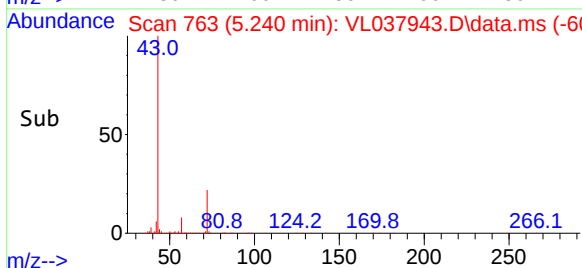
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

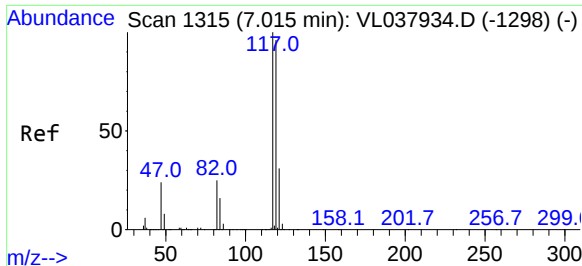


#34
2-Butanone
Concen: 9.471 ppbv
RT: 5.240 min Scan# 763
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41



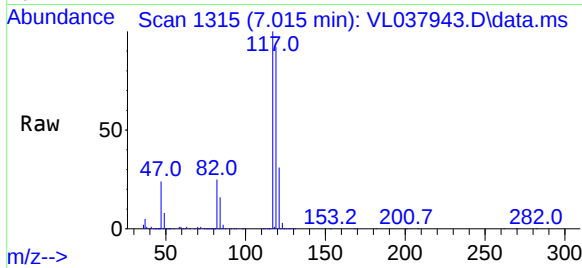
Tgt Ion: 43 Resp: 1634677
Ion Ratio Lower Upper
43 100
72 22.3 18.3 27.5





#35
Carbon Tetrachloride
Concen: 8.616 ppbv
RT: 7.015 min Scan# 11
Delta R.T. 0.000 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

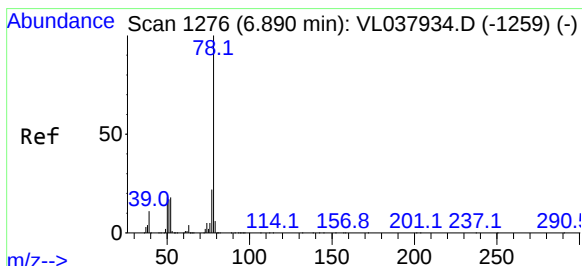
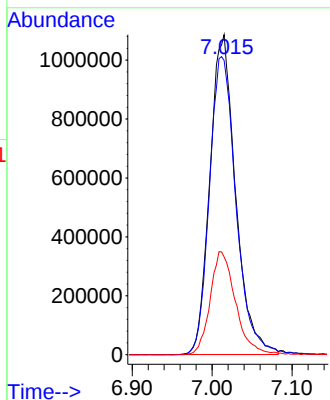
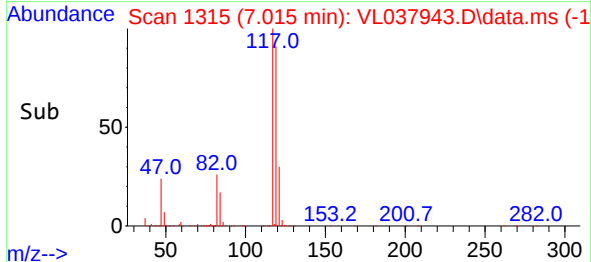
Instrument :
MSVOA_L
ClientSampleId :
VL1101ABS01



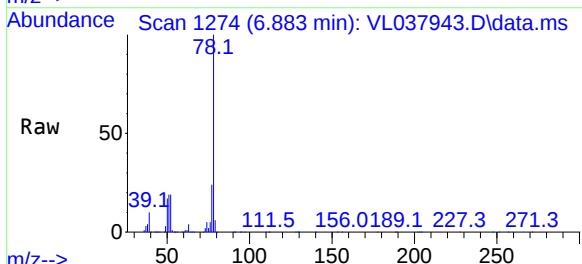
Tgt Ion: 117 Resp: 242635
Ion Ratio Lower Upper
117 100
119 91.9 76.6 114.8
121 30.5 25.1 37.7

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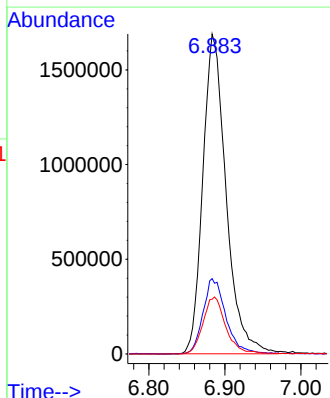
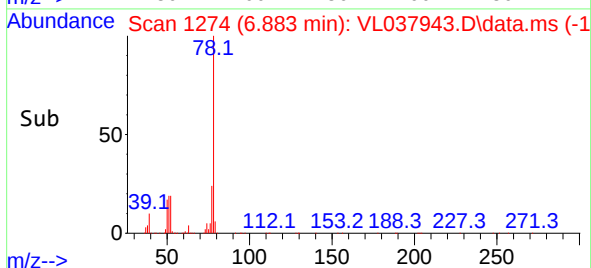
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

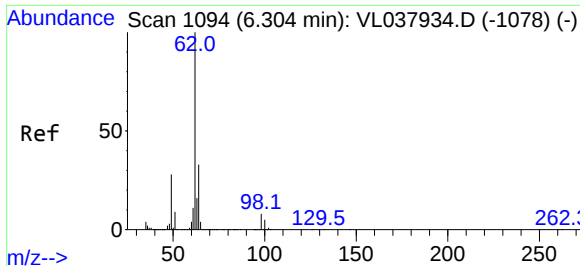


#36
Benzene
Concen: 9.451 ppbv
RT: 6.883 min Scan# 1274
Delta R.T. -0.006 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41



Tgt Ion: 78 Resp: 3585155
Ion Ratio Lower Upper
78 100
77 23.5 17.9 26.9
50 17.1 14.4 21.6





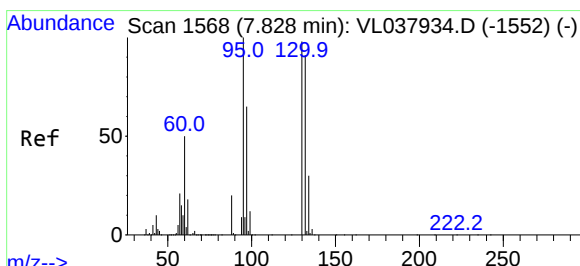
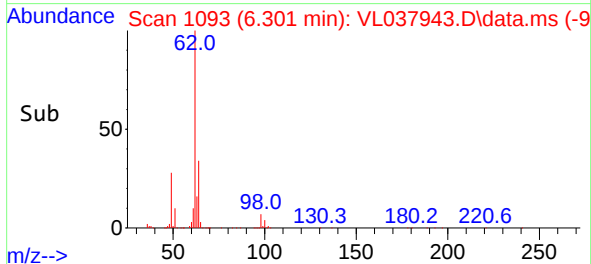
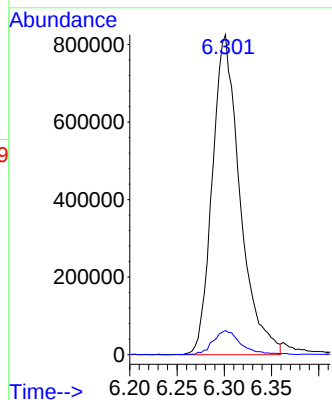
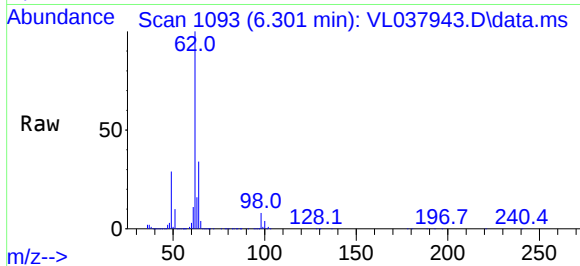
#37
1,2-Dichloroethane
Concen: 9.320 ppbv
RT: 6.301 min Scan# 1093
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

Instrument :
MSVOA_L
ClientSampleId :
VL1101ABS01

Tgt Ion: 62 Resp: 168074
Ion Ratio Lower Upper
62 100
98 7.9 6.5 9.7

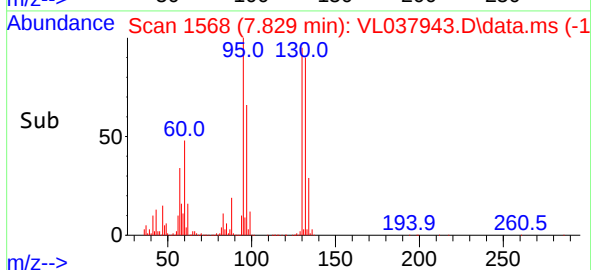
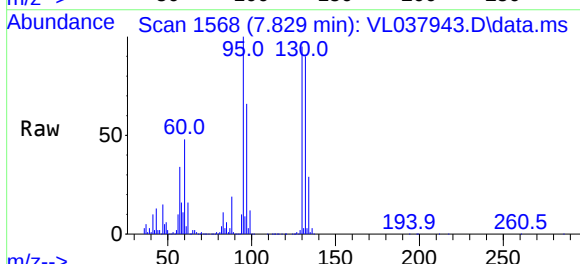
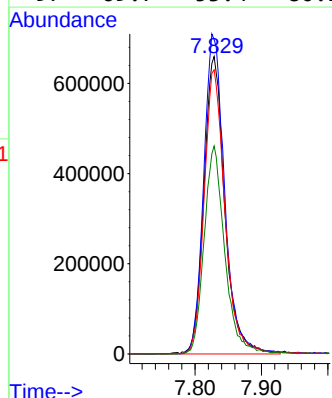
Manual Integrations
APPROVED

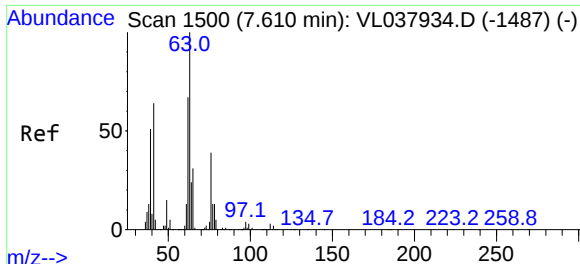
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#38
Trichloroethene
Concen: 9.169 ppbv
RT: 7.829 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

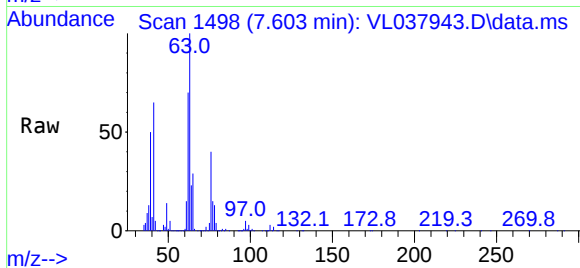
Tgt Ion:130 Resp: 1443601
Ion Ratio Lower Upper
130 100
95 105.7 81.8 122.8
132 95.4 74.2 111.2
97 69.7 53.4 80.2





#39
1,2-Dichloropropane
Concen: 9.646 ppbv
RT: 7.603 min Scan# 1487
Delta R.T. -0.006 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

Instrument :
MSVOA_L
ClientSampleId :
VL1101ABS01

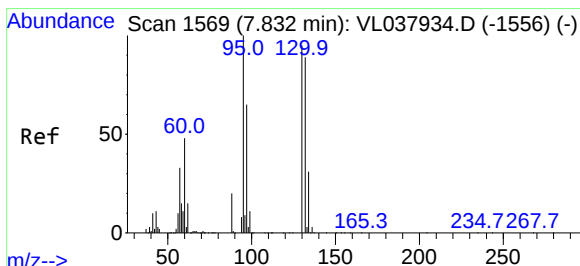
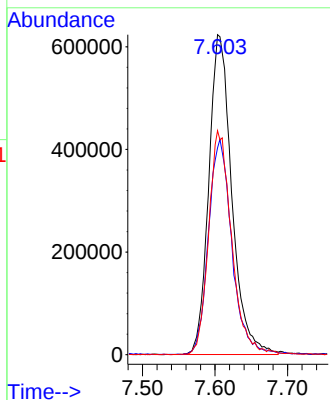
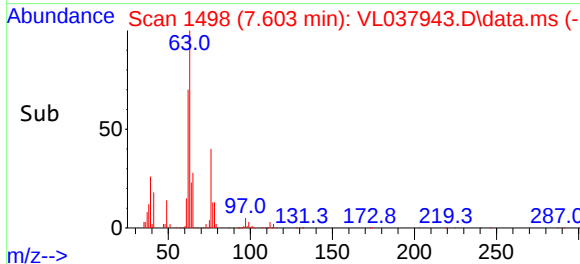


Tgt Ion: 63 Resp: 137682

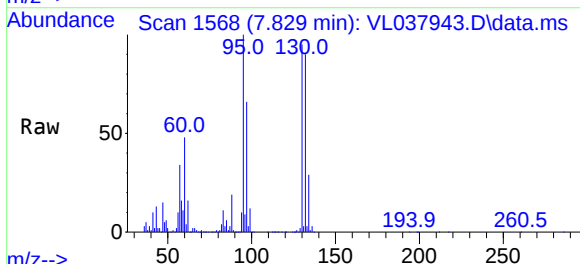
Ion	Ratio	Lower	Upper
63	100		
41	64.5	51.6	77.4
62	70.0	53.5	80.3

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

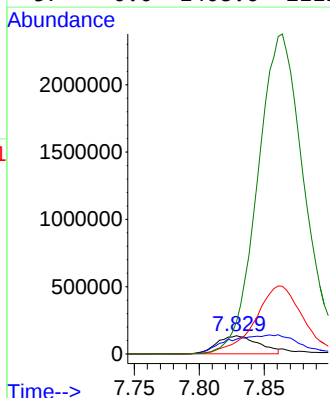
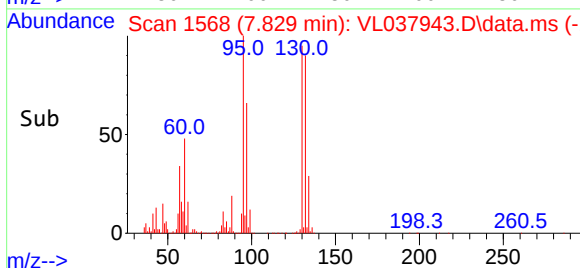


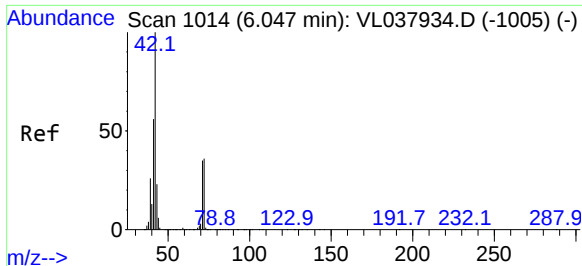
#40
1,4-Dioxane
Concen: 7.970 ppbv
RT: 7.829 min Scan# 1568
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41



Tgt Ion: 88 Resp: 299587

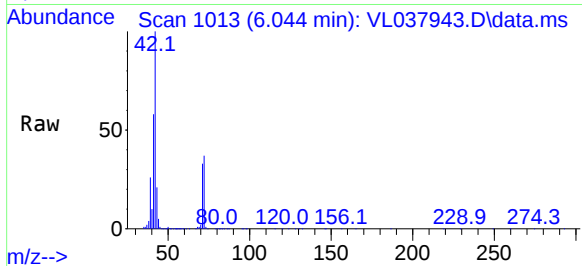
Ion	Ratio	Lower	Upper
88	100		
58	0.0	129.1	193.7#
43	0.0	313.2	469.8#
57	0.0	1408.6	2112.8#





#41
Tetrahydrofuran
Concen: 10.212 ppbv
RT: 6.044 min Scan# 1014
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

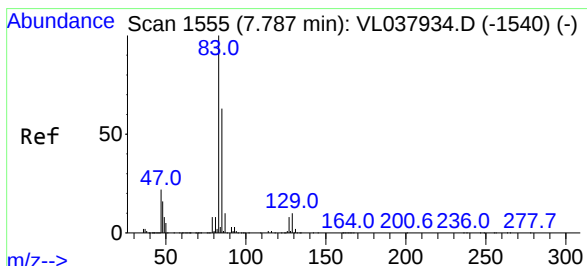
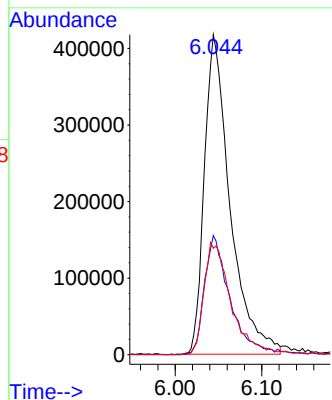
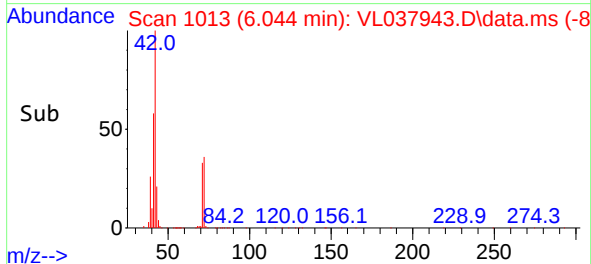
Instrument :
MSVOA_L
ClientSampleId :
VL1101ABS01



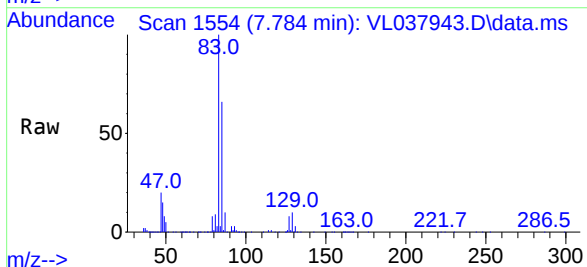
Tgt Ion: 42 Resp: 862470
Ion Ratio Lower Upper
42 100
72 37.8 31.5 47.3
71 37.5 30.5 45.7

Manual Integrations
APPROVED

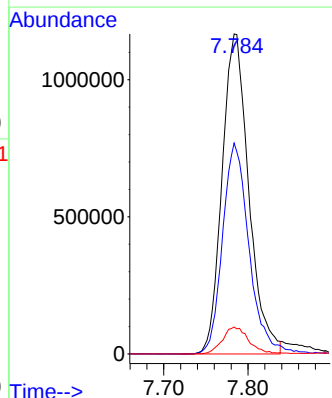
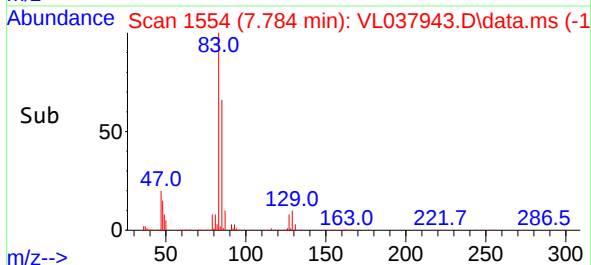
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

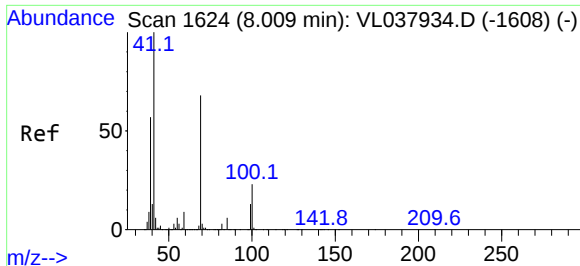


#42
Bromodichloromethane
Concen: 9.405 ppbv
RT: 7.784 min Scan# 1554
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41



Tgt Ion: 83 Resp: 2564526
Ion Ratio Lower Upper
83 100
85 65.9 50.1 75.1
127 8.4 6.1 9.1





#43
Methyl Methacrylate
Concen: 10.444 ppbv
RT: 8.005 min Scan# 1624
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

Instrument :

MSVOA_L

ClientSampleId :

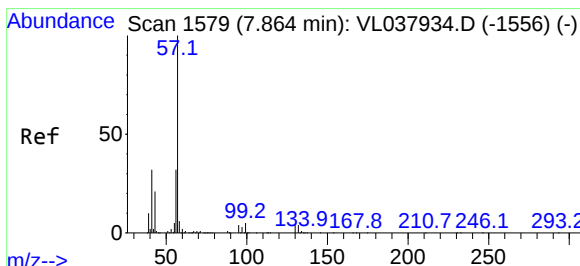
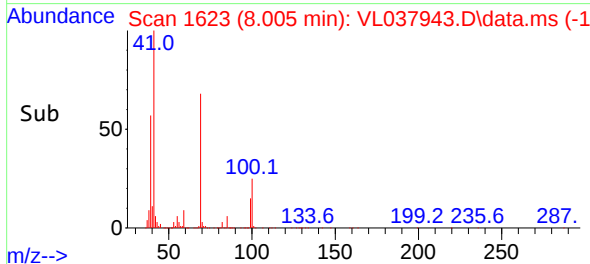
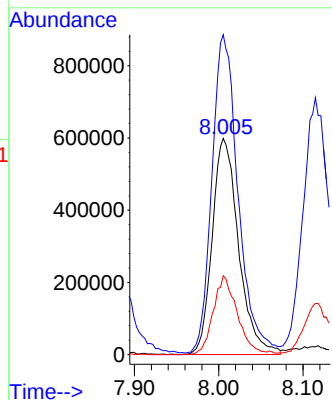
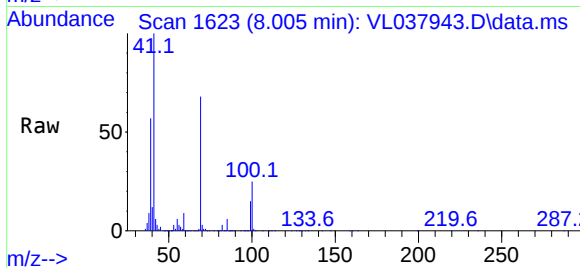
VL1101ABS01

Tgt Ion: 69 Resp: 1300410
Ion Ratio Lower Upper
69 100
41 147.4 117.4 176.2
100 33.6 27.8 41.6

Manual Integrations

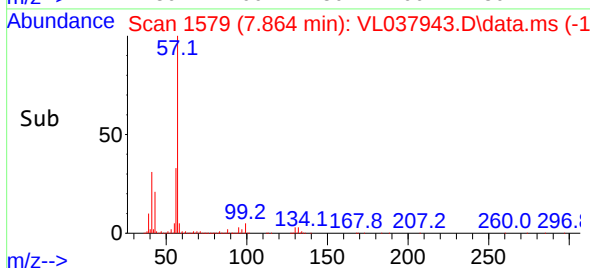
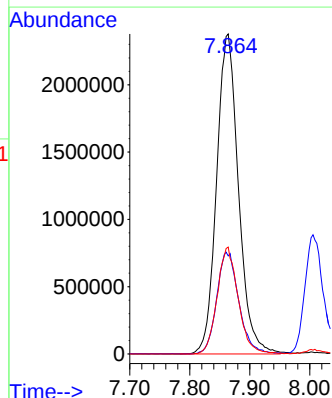
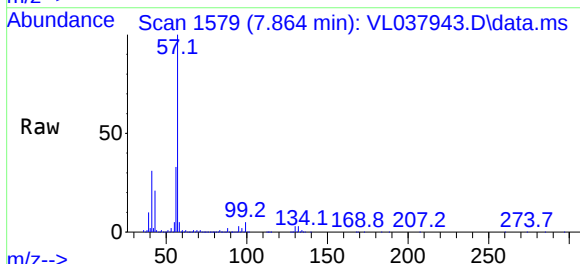
APPROVED

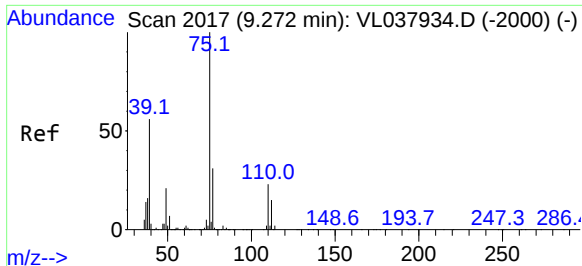
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#44
2,2,4-Trimethylpentane
Concen: 9.317 ppbv
RT: 7.864 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

Tgt Ion: 57 Resp: 6011047
Ion Ratio Lower Upper
57 100
41 32.2 25.8 38.8
56 32.0 25.9 38.9





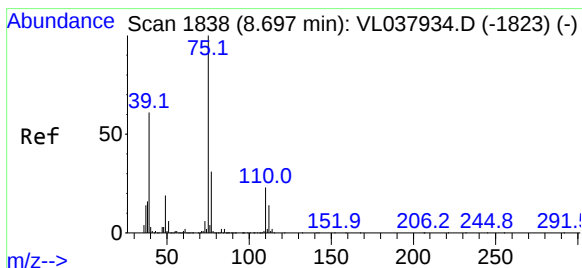
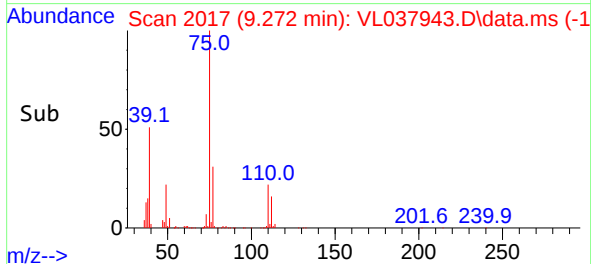
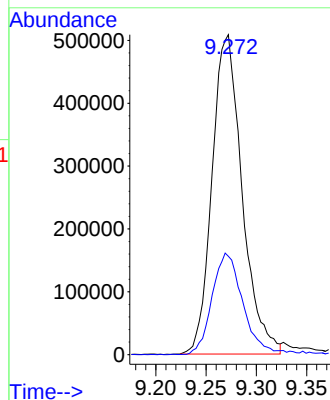
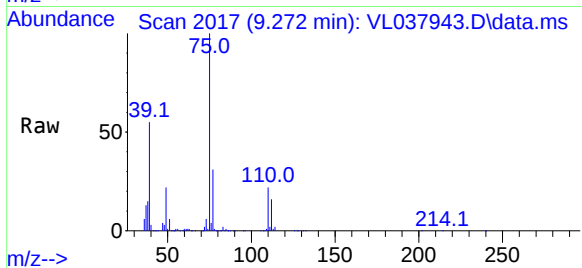
#45
 t-1,3-Dichloropropene
 Concen: 11.563 ppbv
 RT: 9.272 min Scan# 2017
 Delta R.T. 0.000 min
 Lab File: VL037943.D
 Acq: 1 Nov 2021 17:41

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1101ABS01

Tgt Ion: 75 Resp: 1057894
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.2 37.8

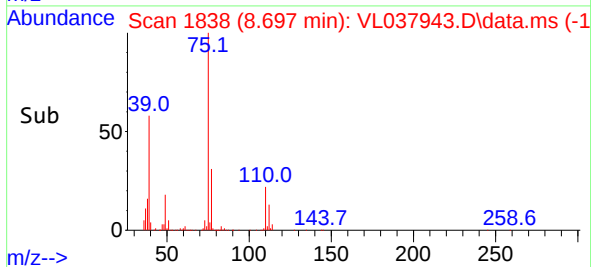
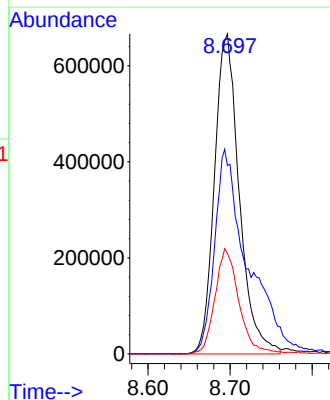
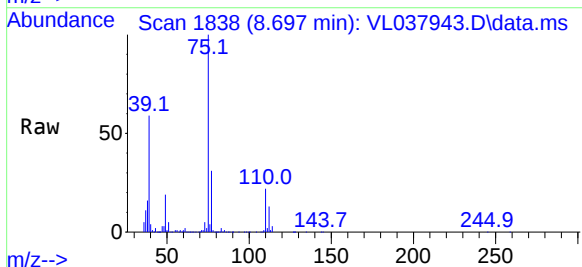
Manual Integrations
 APPROVED

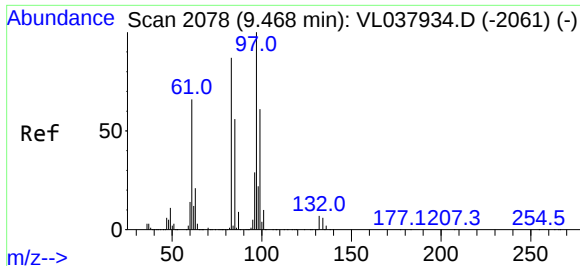
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021



#46
 cis-1,3-Dichloropropene
 Concen: 11.130 ppbv
 RT: 8.697 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: VL037943.D
 Acq: 1 Nov 2021 17:41

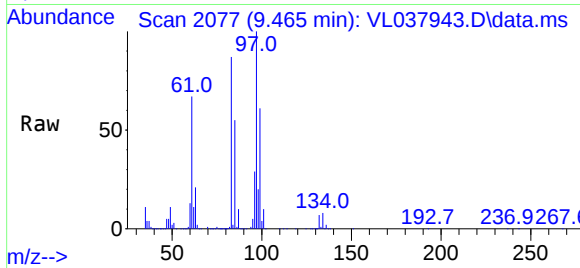
Tgt Ion: 75 Resp: 1399981
 Ion Ratio Lower Upper
 75 100
 39 58.6 48.8 73.2
 77 31.3 24.6 36.8





#47
1,1,2-Trichloroethane
Concen: 9.011 ppbv
RT: 9.465 min Scan# 2078
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

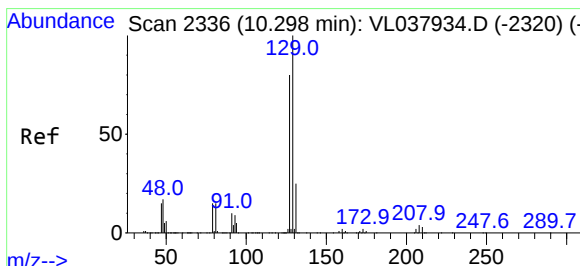
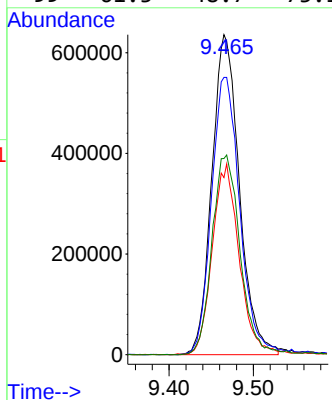
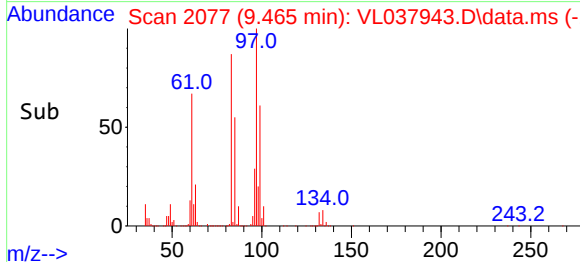
Instrument : MSVOA_L
ClientSampleId : VL1101ABS01



Tgt Ion: 97 Resp: 1445019
Ion Ratio Lower Upper
97 100
83 86.6 69.4 104.2
85 55.1 45.0 67.6
99 61.3 48.7 73.1

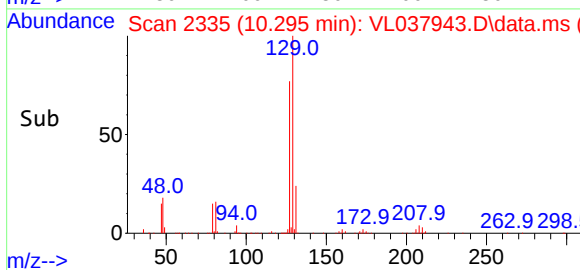
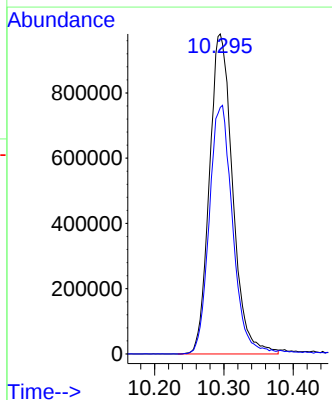
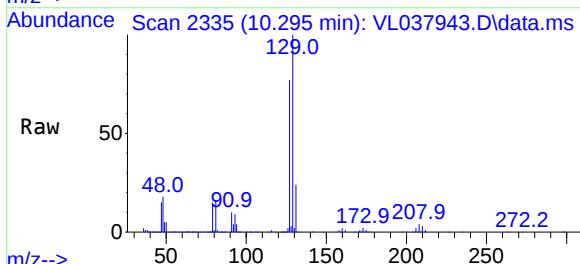
Manual Integrations
APPROVED

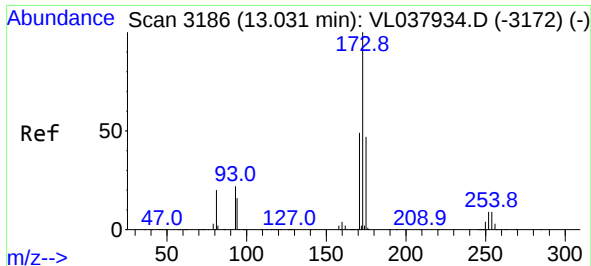
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#48
Dibromochloromethane
Concen: 10.076 ppbv
RT: 10.295 min Scan# 2335
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

Tgt Ion:129 Resp: 2287874
Ion Ratio Lower Upper
129 100
127 78.7 40.3 120.9





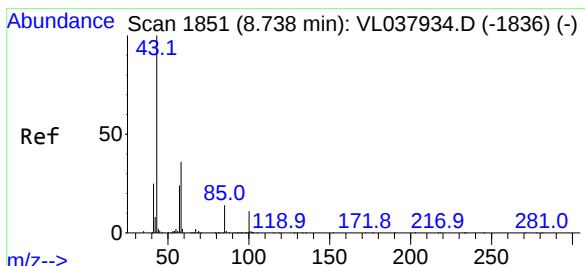
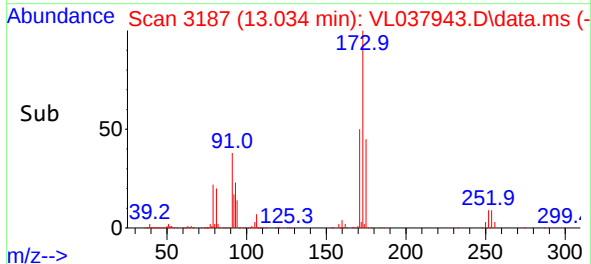
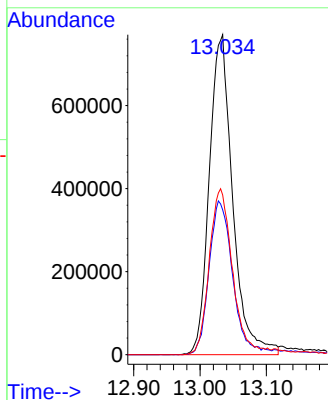
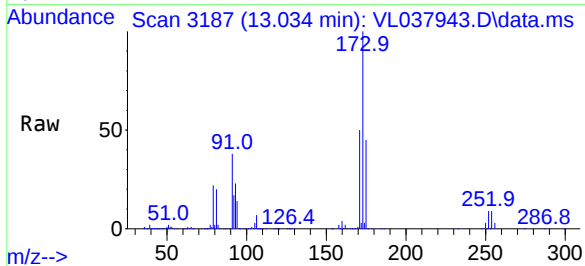
#49
Bromoform
Concen: 10.518 ppbv
RT: 13.034 min Scan# 3186
Delta R.T. 0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

Instrument :
MSVOA_L
ClientSampleId :
VL1101ABS01

Tgt Ion:173 Resp: 1887725
Ion Ratio Lower Upper
173 100
175 51.2 39.5 59.3
171 54.5 43.6 65.4

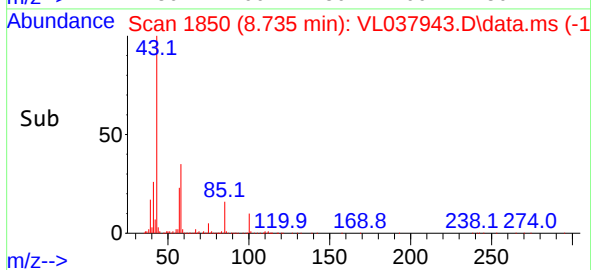
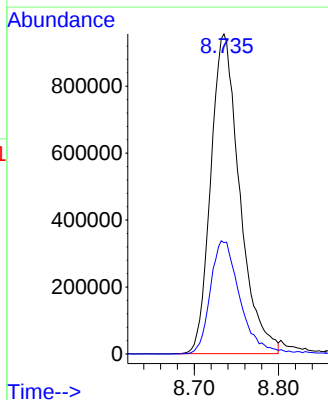
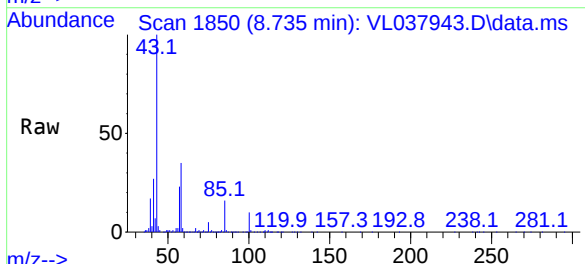
Manual Integrations
APPROVED

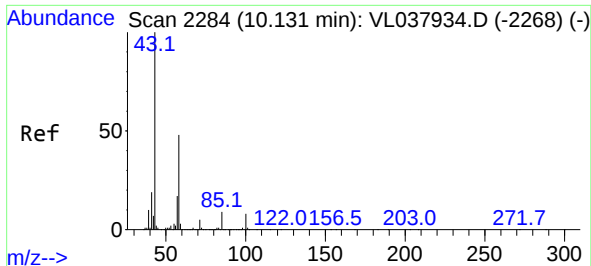
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#50
4-Methyl-2-Pentanone
Concen: 10.020 ppbv
RT: 8.735 min Scan# 1850
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

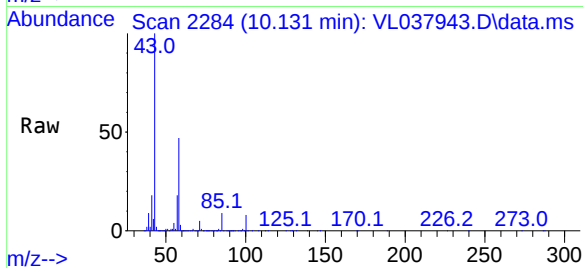
Tgt Ion: 43 Resp: 2272295
Ion Ratio Lower Upper
43 100
58 36.9 28.8 43.2





#51
2-Hexanone
Concen: 10.710 ppbv
RT: 10.131 min Scan# 21
Delta R.T. 0.000 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

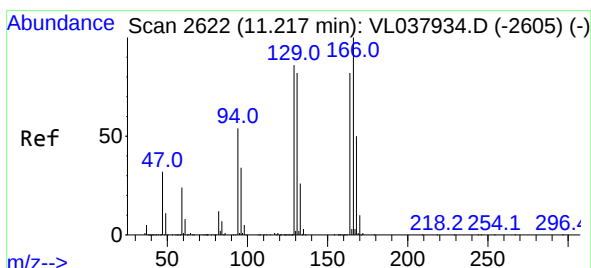
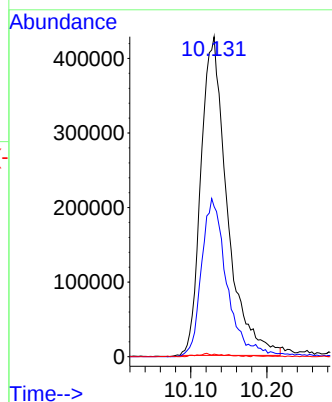
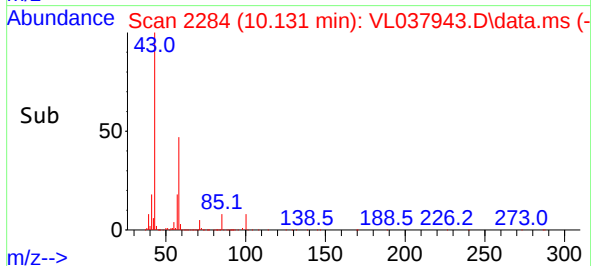
Instrument :
MSVOA_L
ClientSampleId :
VL1101ABS01



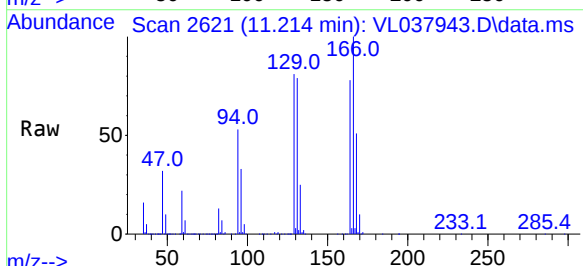
Tgt Ion: 43 Resp: 1023650
Ion Ratio Lower Upper
43 100
58 48.9 38.6 57.8
98 1.0 1.0 1.4

Manual Integrations
APPROVED

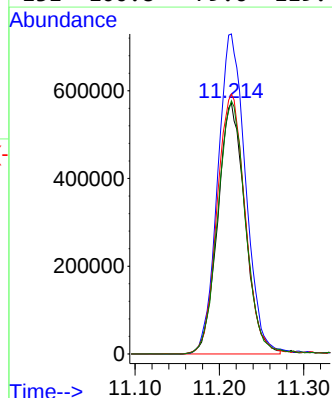
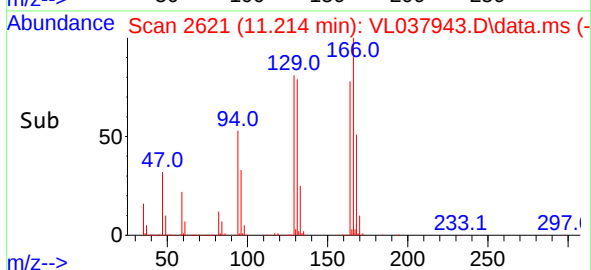
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

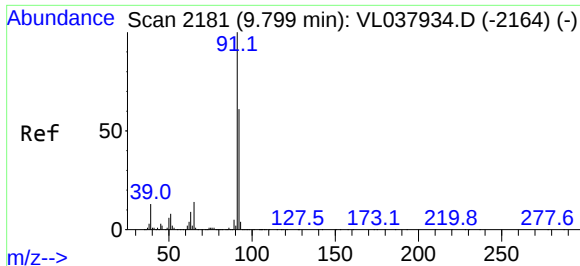


#52
Tetrachloroethene
Concen: 8.938 ppbv
RT: 11.214 min Scan# 2621
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41



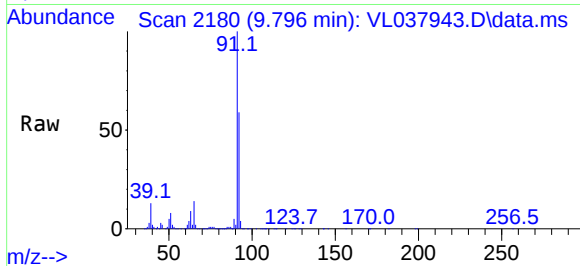
Tgt Ion:164 Resp: 1286164
Ion Ratio Lower Upper
164 100
166 127.4 97.6 146.4
129 103.5 84.2 126.2
131 100.8 79.6 119.4





#53
Toluene
Concen: 10.222 ppbv
RT: 9.796 min Scan# 2181
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

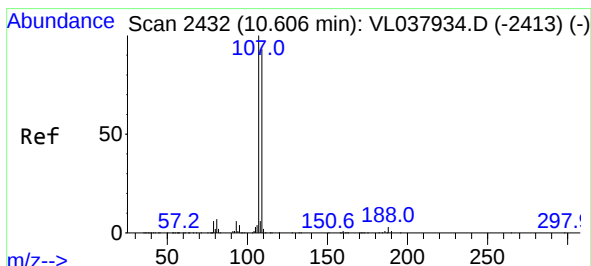
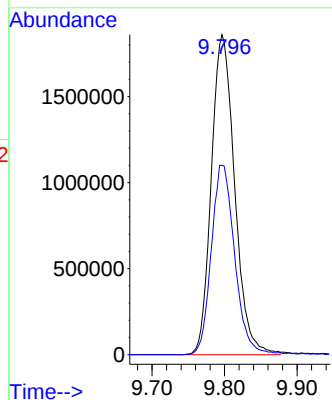
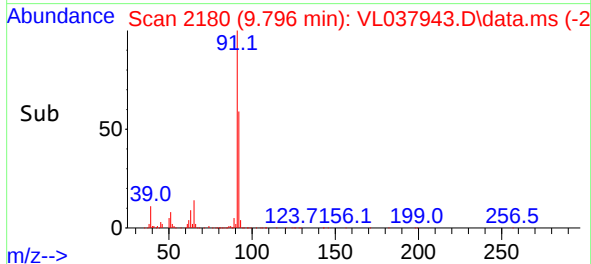
Instrument :
MSVOA_L
ClientSampleId :
VL1101ABS01



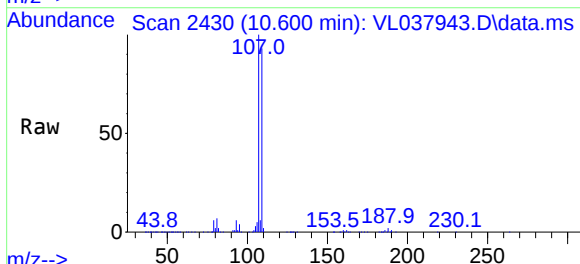
Tgt Ion: 91 Resp: 4157149
Ion Ratio Lower Upper
91 100
92 59.8 48.2 72.4

Manual Integrations
APPROVED

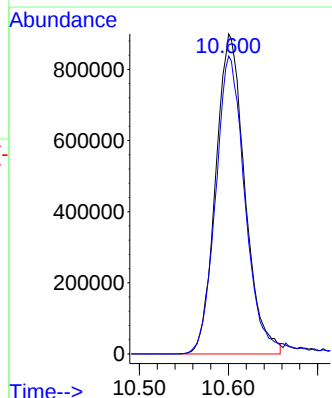
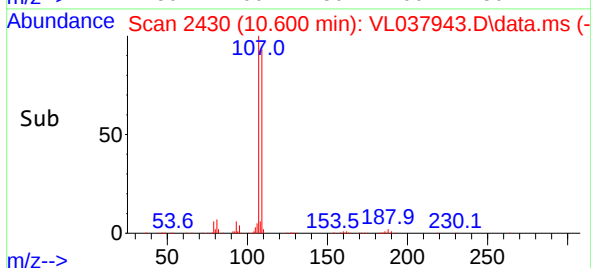
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

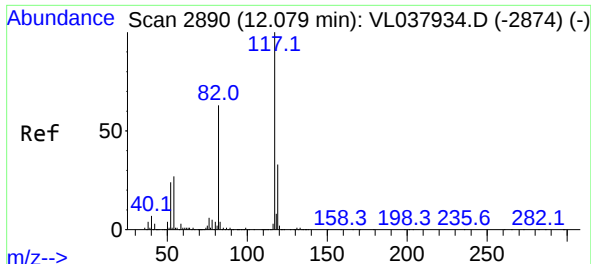


#54
1,2-Dibromoethane
Concen: 9.883 ppbv
RT: 10.600 min Scan# 2430
Delta R.T. -0.006 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41



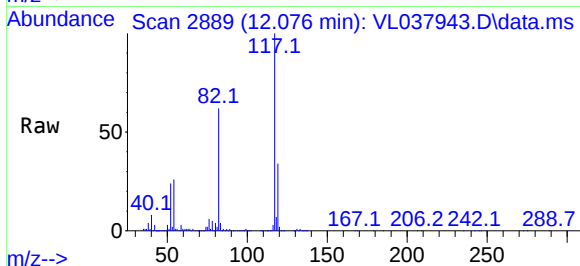
Tgt Ion:107 Resp: 2043991
Ion Ratio Lower Upper
107 100
109 93.0 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.076 min Scan# 2889
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

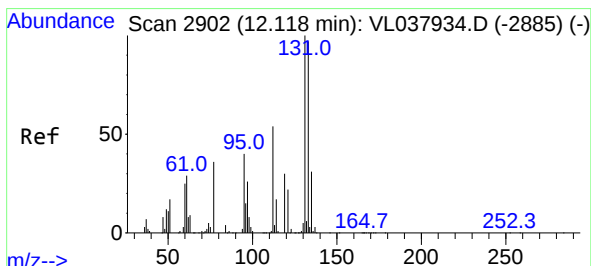
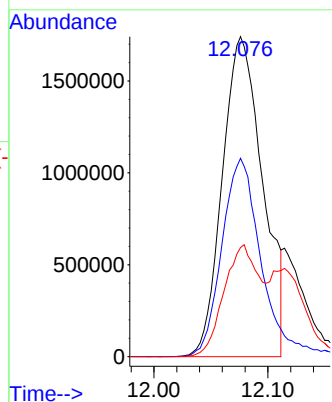
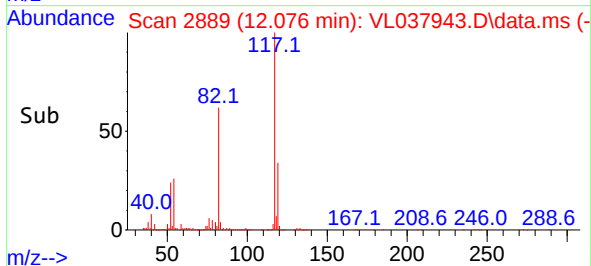
Instrument :
MSVOA_L
ClientSampleId :
VL1101ABS01



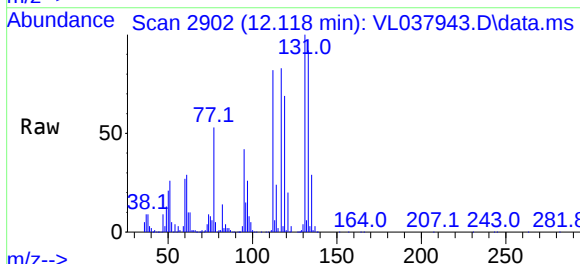
Tgt Ion:117 Resp: 429080
Ion Ratio Lower Upper
117 100
82 61.8 51.0 76.6
119 29.3 26.9 40.3

Manual Integrations
APPROVED

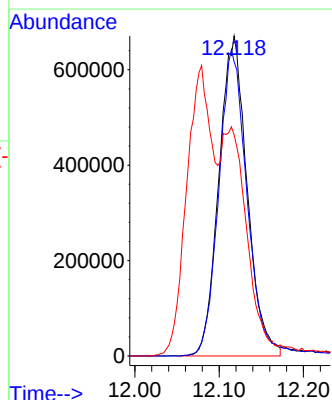
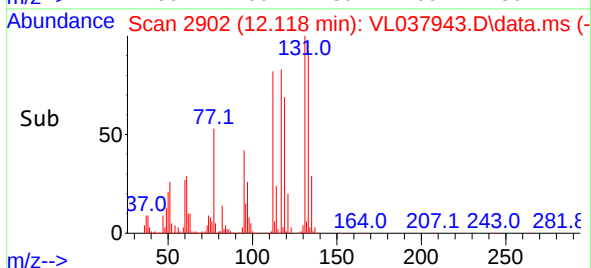
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

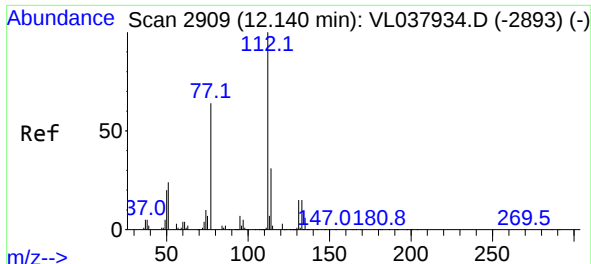


#56
1,1,1,2-Tetrachloroethane
Concen: 8.984 ppbv
RT: 12.118 min Scan# 2902
Delta R.T. 0.000 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41



Tgt Ion:131 Resp: 1556384
Ion Ratio Lower Upper
131 100
133 99.0 79.6 119.4
119 69.0 125.4 188.2#





#57

Chlorobenzene

Concen: 8.865 ppbv

RT: 12.137 min Scan# 2909

Delta R.T. -0.003 min

Lab File: VL037943.D

Acq: 1 Nov 2021 17:41

Instrument :

MSVOA_L

ClientSampleId :

VL1101ABS01

Tgt Ion:112 Resp: 3036120

Ion Ratio Lower Upper

112 100

77 65.6 51.1 76.7

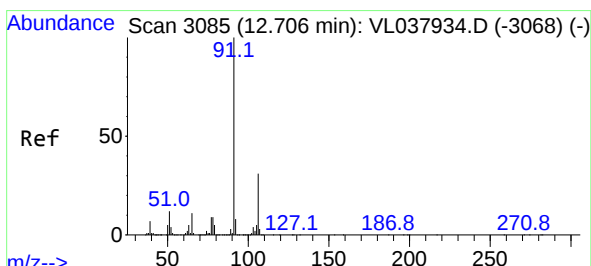
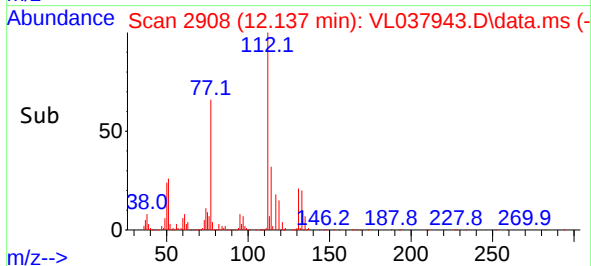
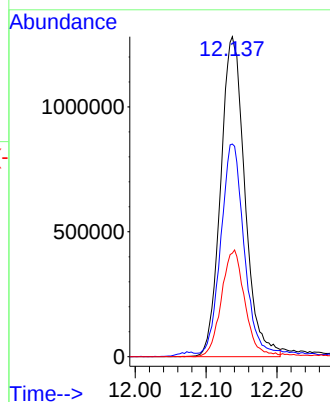
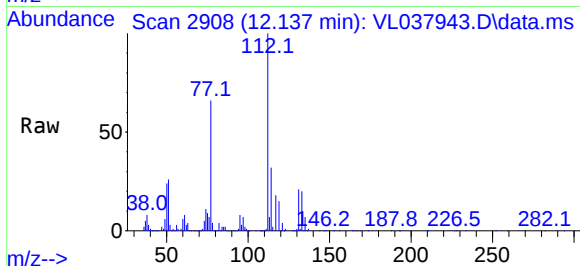
114 32.3 27.9 34.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/05/2021

Supervised By :Mahesh Dadoda 11/10/2021



#58

Ethyl Benzene

Concen: 9.906 ppbv

RT: 12.700 min Scan# 3083

Delta R.T. -0.006 min

Lab File: VL037943.D

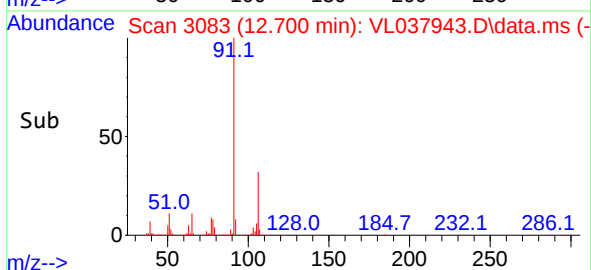
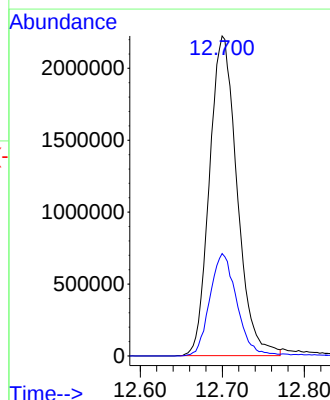
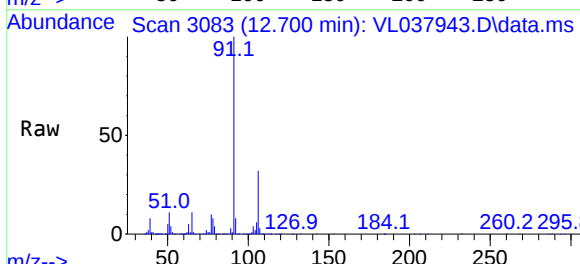
Acq: 1 Nov 2021 17:41

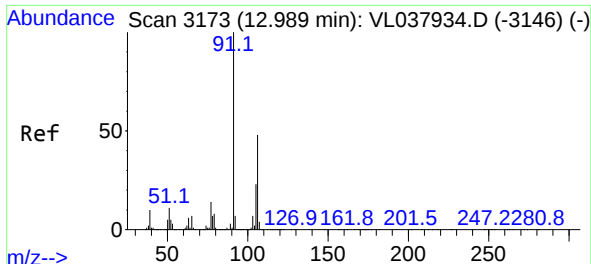
Tgt Ion: 91 Resp: 5197765

Ion Ratio Lower Upper

91 100

106 32.0 25.1 37.7





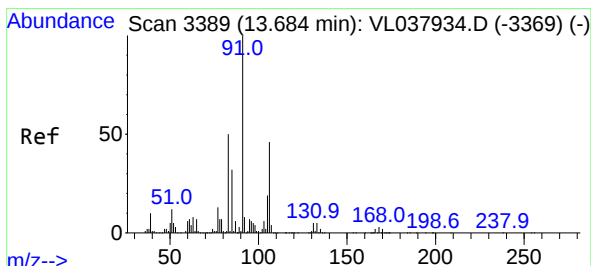
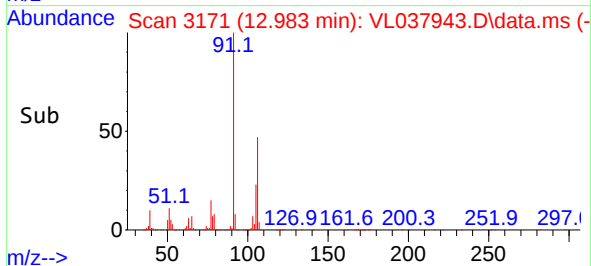
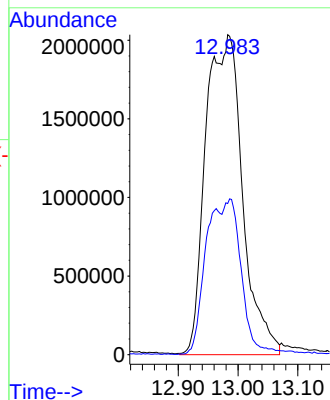
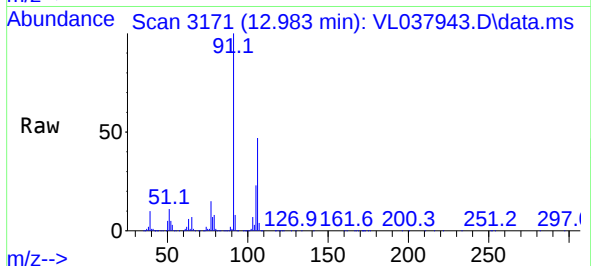
#59
m/p-Xylene
Concen: 18.667 ppbv m
RT: 12.983 min Scan# 3171
Delta R.T. -0.006 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

Instrument :
MSVOA_L
ClientSampleId :
VL1101ABS01

Tgt Ion: 91 Resp: 8706110
Ion Ratio Lower Upper
91 100
106 47.1 37.1 55.7

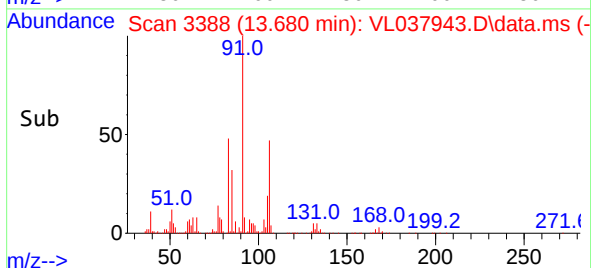
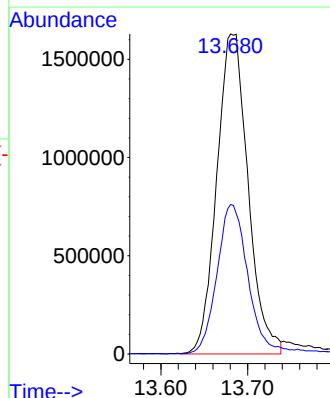
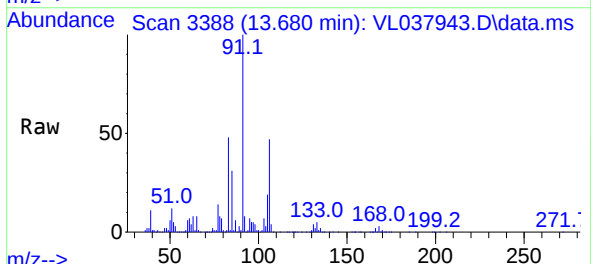
Manual Integrations
APPROVED

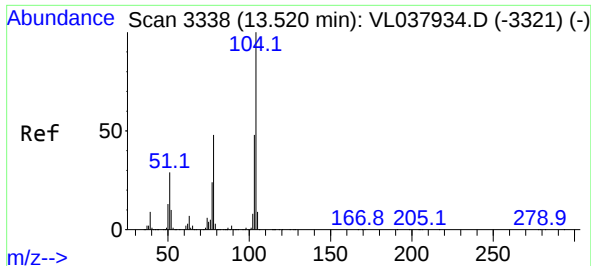
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#60
o-Xylene
Concen: 9.295 ppbv m
RT: 13.680 min Scan# 3388
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

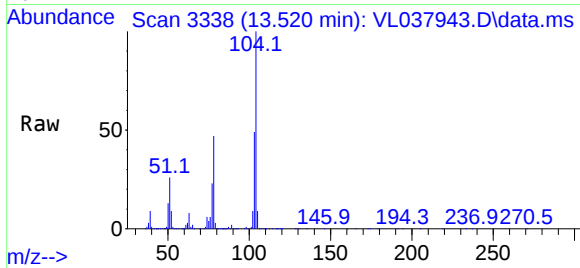
Tgt Ion: 91 Resp: 4087325
Ion Ratio Lower Upper
91 100
106 48.0 23.5 70.6





#61
Styrene
Concen: 11.302 ppbv
RT: 13.520 min Scan# 311
Delta R.T. 0.000 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

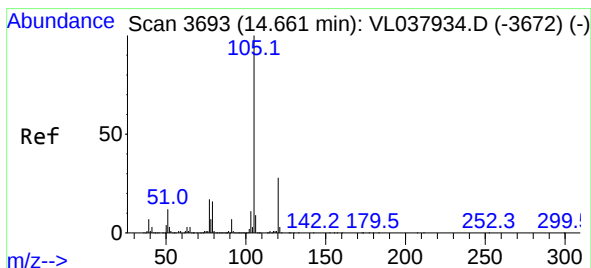
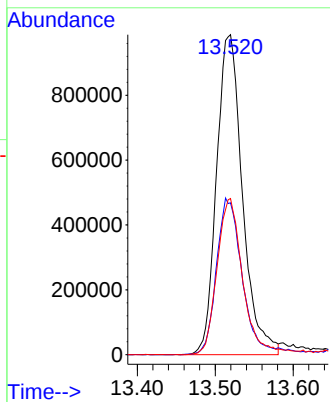
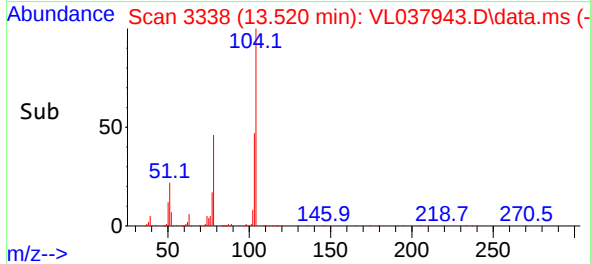
Instrument :
MSVOA_L
ClientSampleId :
VL1101ABS01



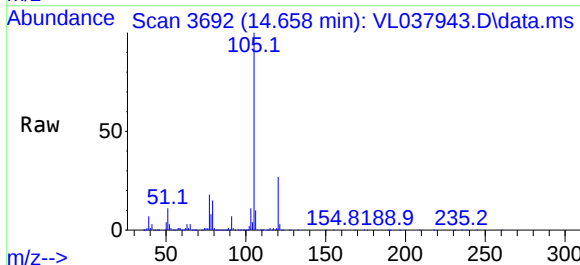
Tgt Ion:104 Resp: 2282444
Ion Ratio Lower Upper
104 100
78 49.6 39.3 58.9
103 49.2 39.6 59.4

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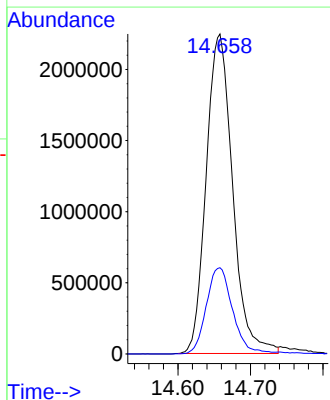
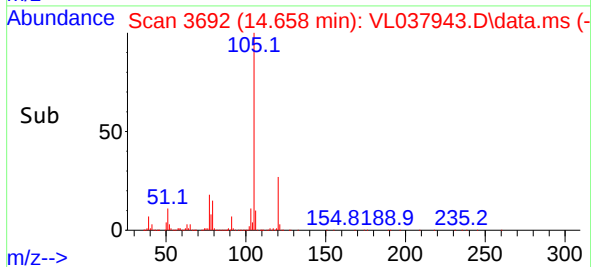
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

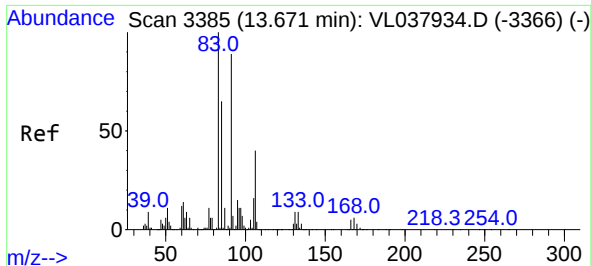


#62
Isopropylbenzene
Concen: 9.137 ppbv
RT: 14.658 min Scan# 3692
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41



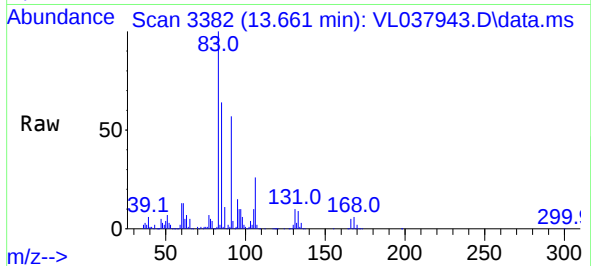
Tgt Ion:105 Resp: 5688769
Ion Ratio Lower Upper
105 100
120 27.4 21.8 32.6





#63
1,1,2,2-Tetrachloroethane
Concen: 7.864 ppbv
RT: 13.661 min Scan# 31
Delta R.T. -0.010 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

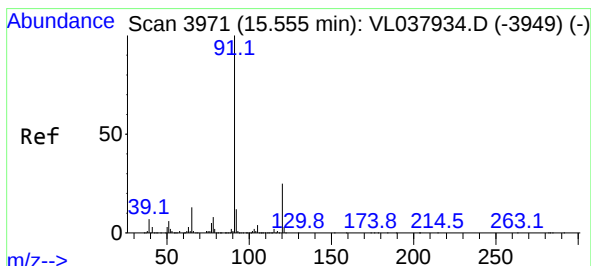
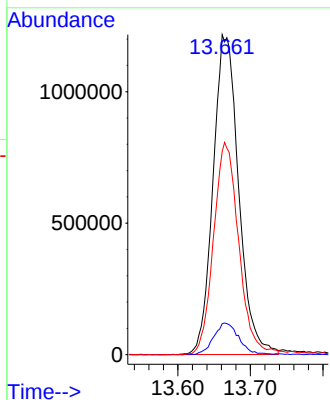
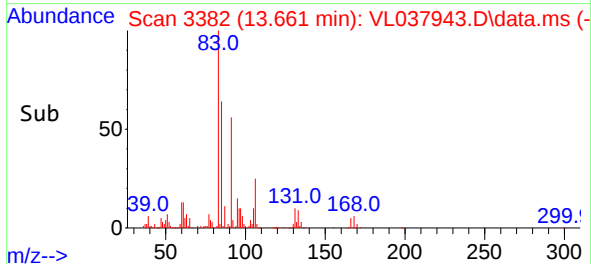
Instrument :
MSVOA_L
ClientSampleId :
VL1101ABS01



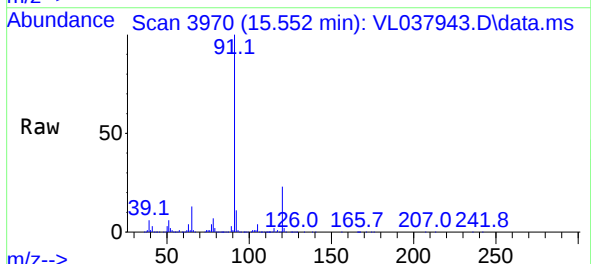
Tgt Ion: 83 Resp: 2976162
Ion Ratio Lower Upper
83 100
131 9.9 4.8 14.4
85 66.9 32.5 97.5

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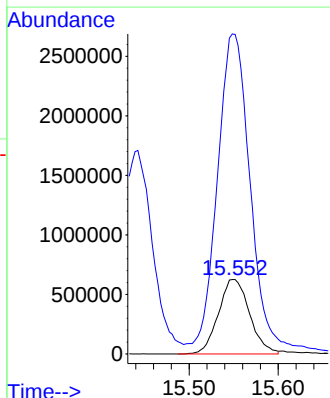
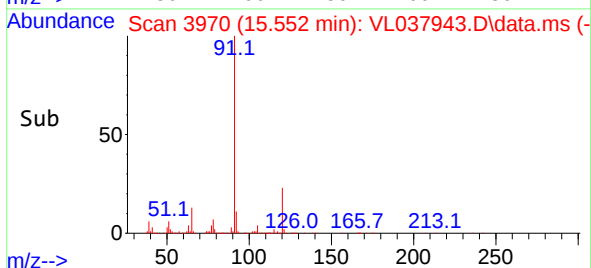
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

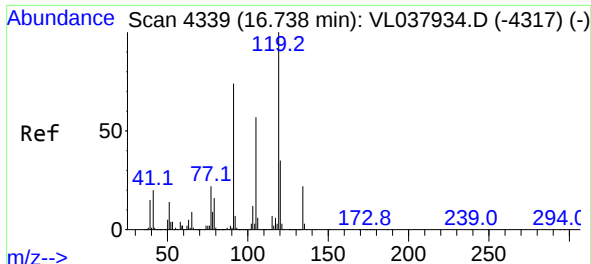


#64
n-propylbenzene
Concen: 9.547 ppbv
RT: 15.552 min Scan# 3970
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41



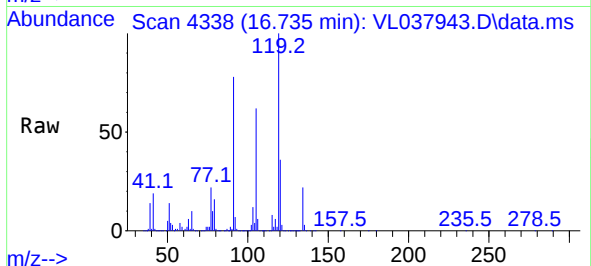
Tgt Ion:120 Resp: 1523122
Ion Ratio Lower Upper
120 100
91 463.3 363.3 544.9





#65
tert-Butylbenzene
Concen: 8.936 ppbv
RT: 16.735 min Scan# 4119
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

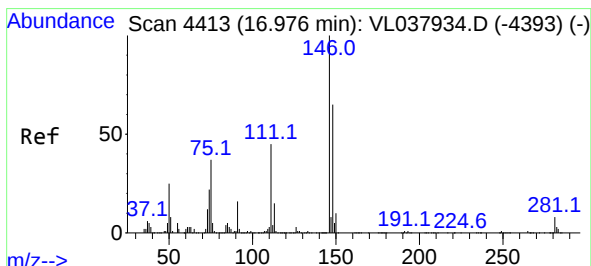
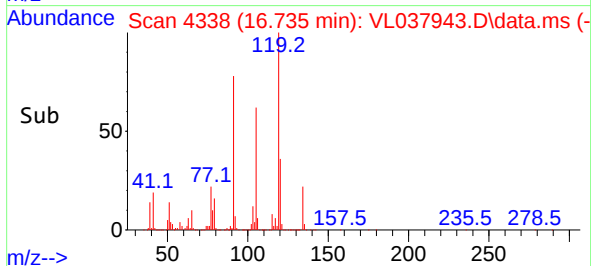
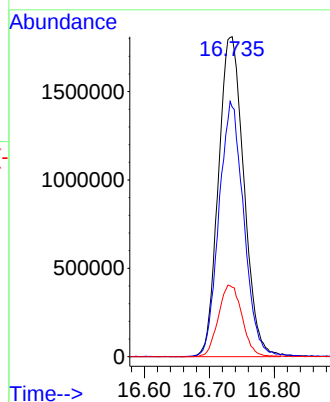
Instrument :
MSVOA_L
ClientSampleId :
VL1101ABS01



Tgt Ion: 119 Resp: 491719
Ion Ratio Lower Upper
119 100
91 77.9 61.8 92.6
134 20.9 16.6 25.0

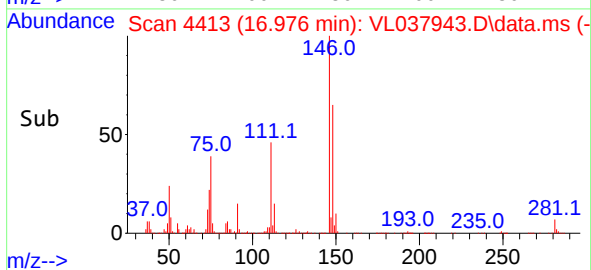
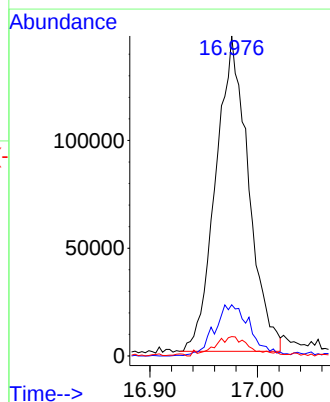
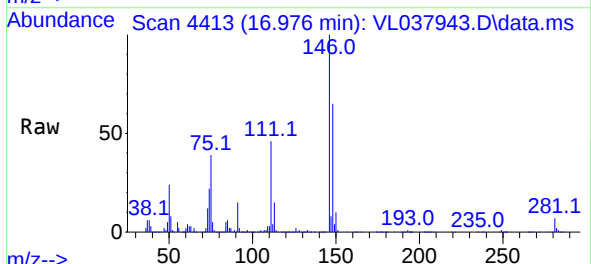
Manual Integrations
APPROVED

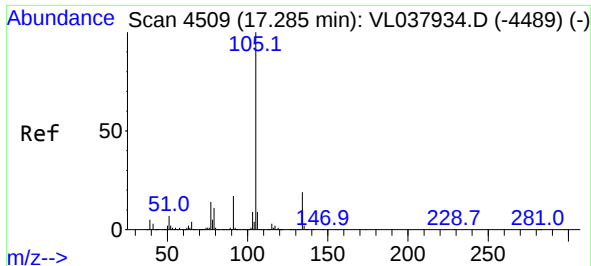
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#66
Benzyl Chloride
Concen: 10.785 ppbv
RT: 16.976 min Scan# 4413
Delta R.T. 0.000 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

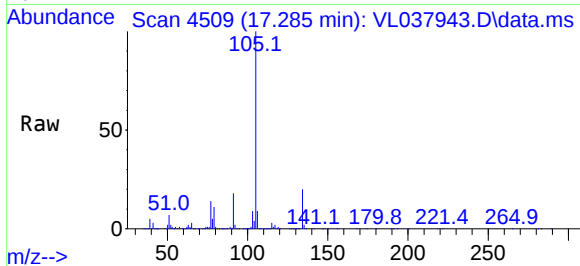
Tgt Ion: 91 Resp: 310084
Ion Ratio Lower Upper
91 100
126 17.8 13.8 20.6
128 7.3 5.1 7.7





#67
 sec-Butylbenzene
 Concen: 9.060 ppbv
 RT: 17.285 min Scan# 4509
 Delta R.T. 0.000 min
 Lab File: VL037943.D
 Acq: 1 Nov 2021 17:41

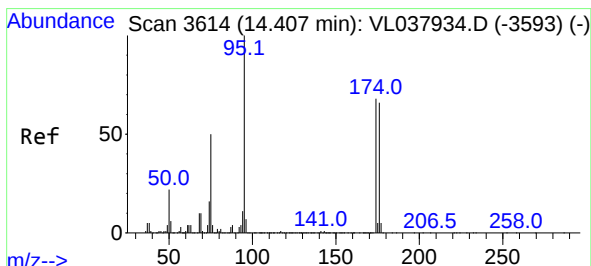
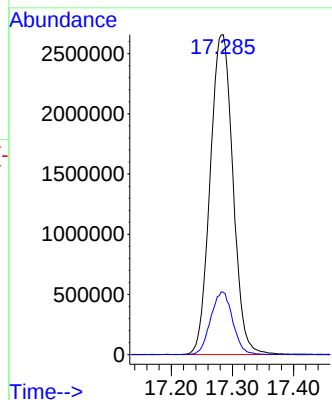
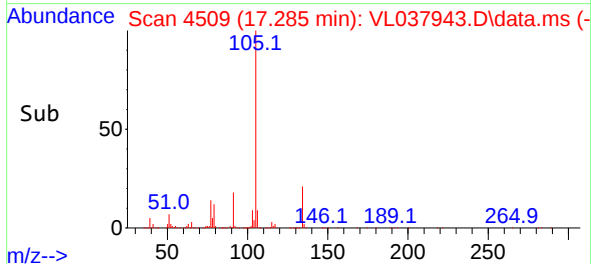
Instrument :
 MSVOA_L
 ClientSampleId :
 VL1101ABS01



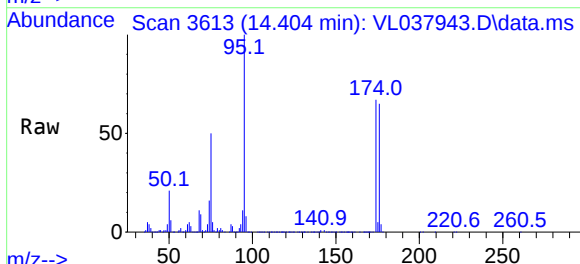
Tgt Ion:105 Resp: 686861
 Ion Ratio Lower Upper
 105 100
 134 19.1 15.4 23.0

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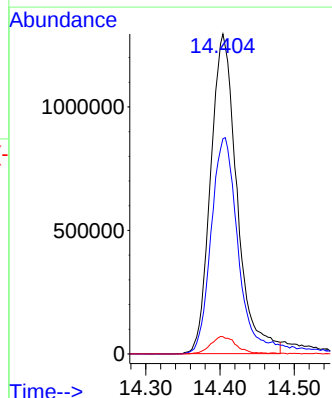
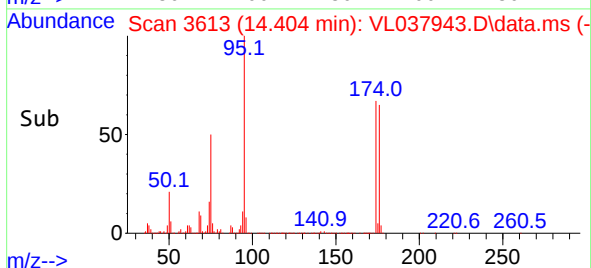
Reviewed By :Semsettin Yesilyurt 11/05/2021
 Supervised By :Mahesh Dadoda 11/10/2021

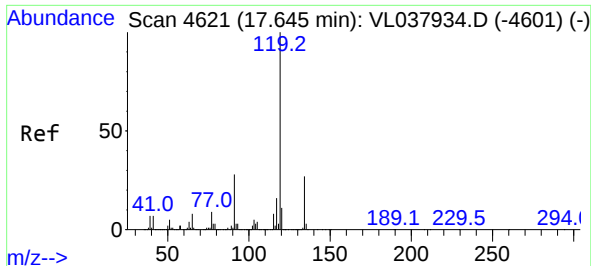


#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.247 ppbv
 RT: 14.404 min Scan# 3613
 Delta R.T. -0.003 min
 Lab File: VL037943.D
 Acq: 1 Nov 2021 17:41



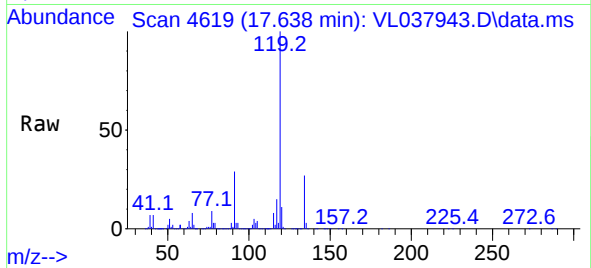
Tgt Ion: 95 Resp: 3196031
 Ion Ratio Lower Upper
 95 100
 174 72.5 58.3 87.5
 175 5.5 4.6 6.8





#69
p-Isopropyltoluene
Concen: 9.283 ppbv
RT: 17.638 min Scan# 4619
Delta R.T. -0.006 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

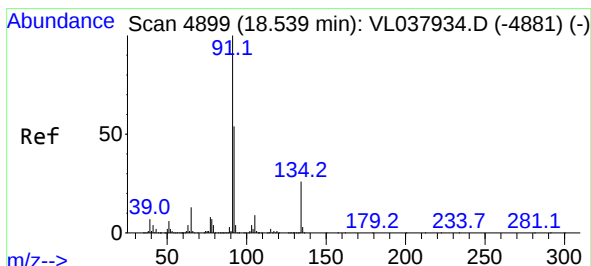
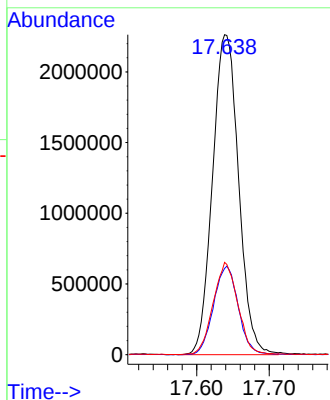
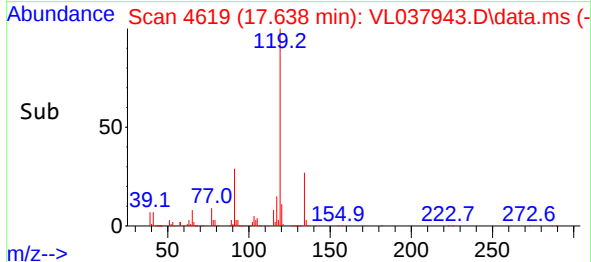
Instrument :
MSVOA_L
ClientSampleId :
VL1101ABS01



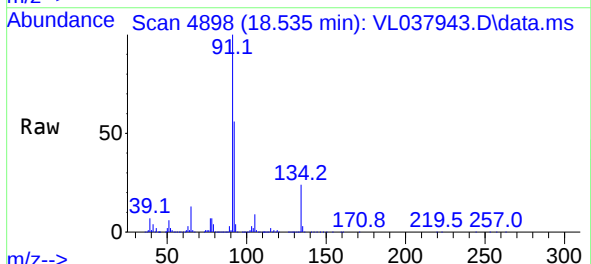
Tgt Ion:119 Resp: 5645072
Ion Ratio Lower Upper
119 100
134 26.3 21.0 31.4
91 27.2 21.8 32.8

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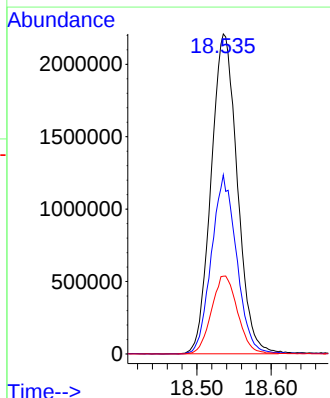
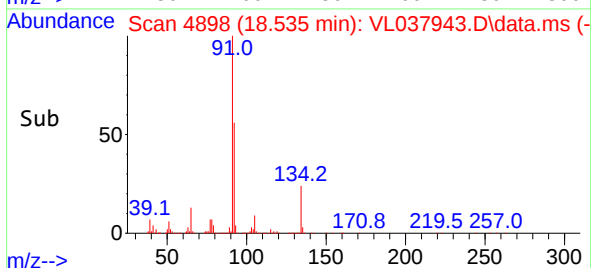
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

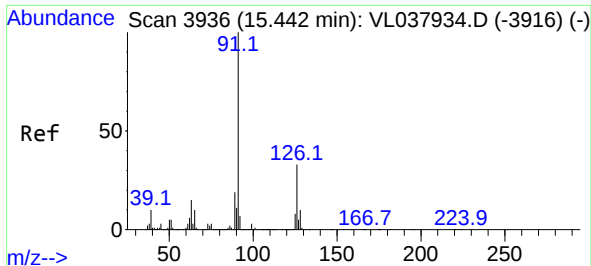


#70
n-Butylbenzene
Concen: 9.682 ppbv
RT: 18.535 min Scan# 4898
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41



Tgt Ion: 91 Resp: 5410232
Ion Ratio Lower Upper
91 100
92 54.0 43.6 65.4
134 24.5 19.8 29.6





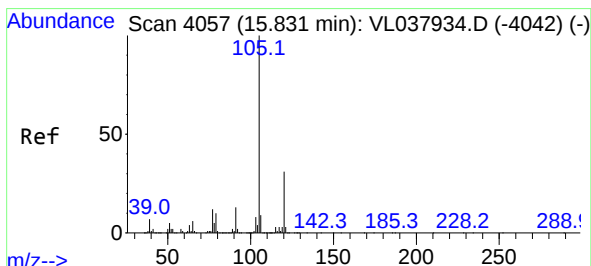
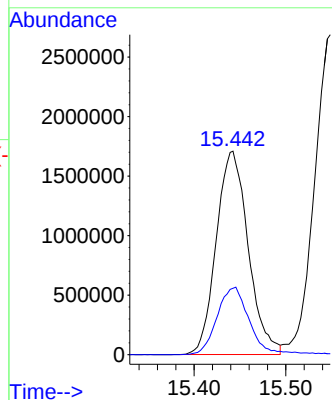
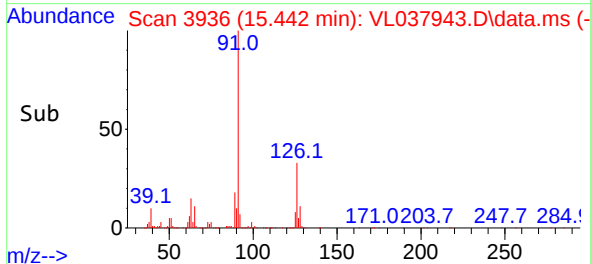
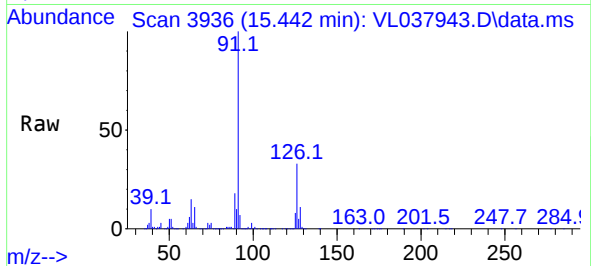
#71
2-Chlorotoluene
Concen: 9.491 ppbv
RT: 15.442 min Scan# 3936
Delta R.T. 0.000 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

Instrument :
MSVOA_L
ClientSampleId :
VL1101ABS01

Tgt Ion: 91 Resp: 4140399
Ion Ratio Lower Upper
91 100
126 34.2 13.3 53.3

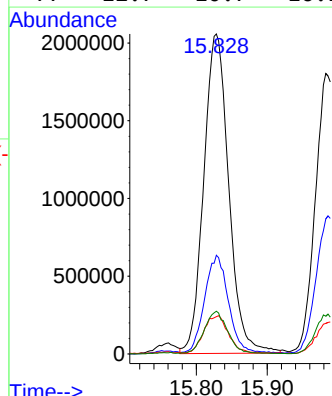
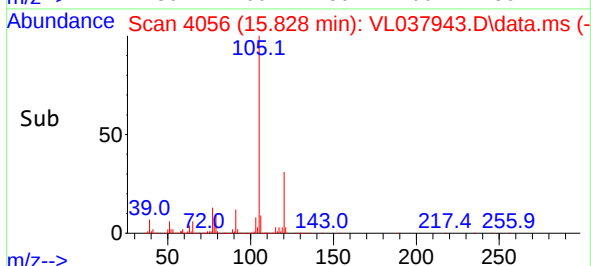
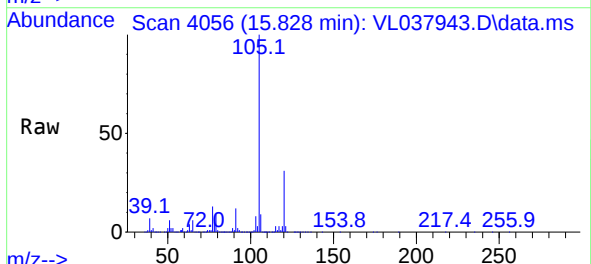
Manual Integrations
APPROVED

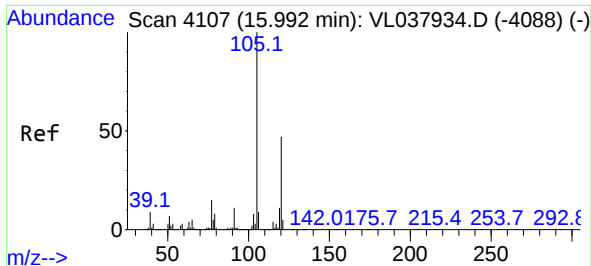
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021



#72
4-Ethyltoluene
Concen: 9.999 ppbv
RT: 15.828 min Scan# 4056
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

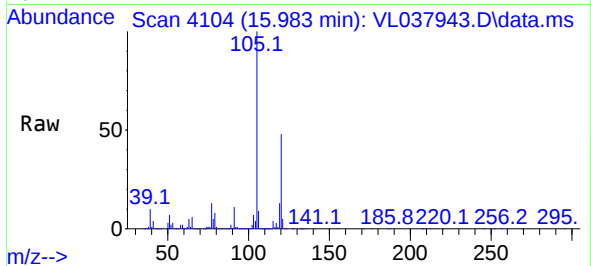
Tgt Ion:105 Resp: 5037232
Ion Ratio Lower Upper
105 100
120 29.9 25.3 37.9
91 12.0 9.9 14.9
77 12.7 10.7 16.1





#73
1,3,5-Trimethylbenzene
Concen: 9.297 ppbv
RT: 15.983 min Scan# 4107
Delta R.T. -0.010 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

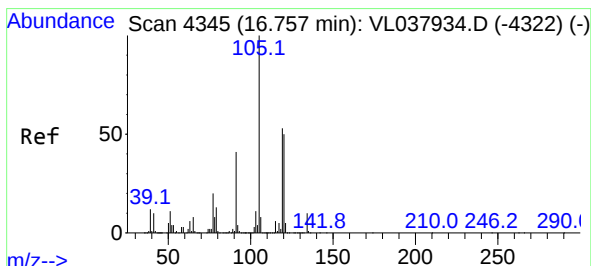
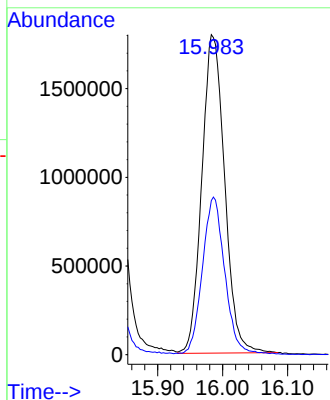
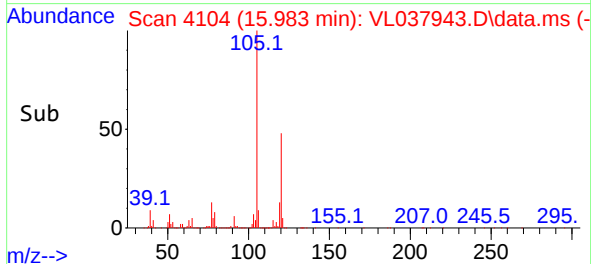
Instrument :
MSVOA_L
ClientSampleId :
VL1101ABS01



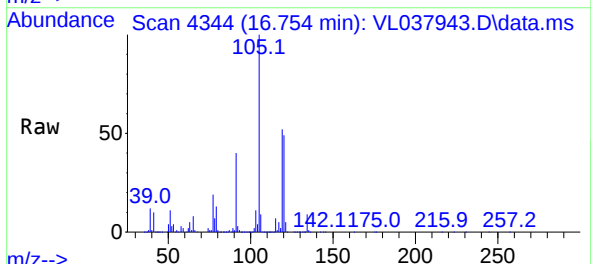
Tgt Ion:105 Resp: 438588
Ion Ratio Lower Upper
105 100
120 48.2 37.9 56.9

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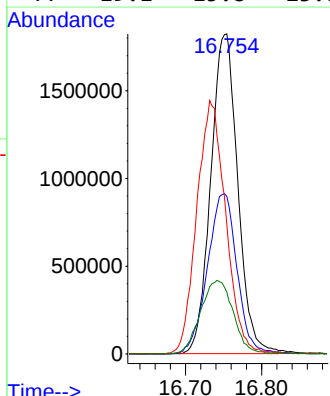
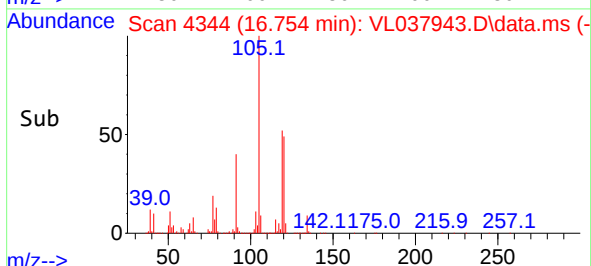
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

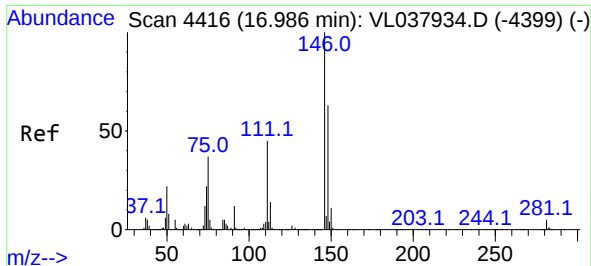


#74
1,2,4-Trimethylbenzene
Concen: 9.082 ppbv
RT: 16.754 min Scan# 4344
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41



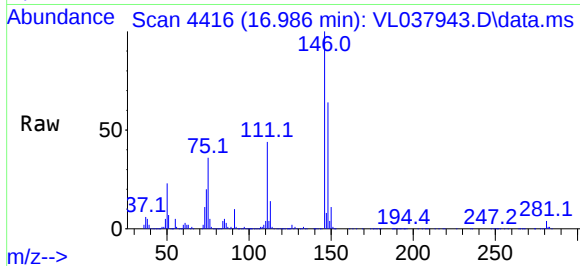
Tgt Ion:105 Resp: 4488786
Ion Ratio Lower Upper
105 100
120 48.9 40.0 60.0
91 40.0 32.6 49.0
77 19.1 15.8 23.8





#75
1,3-Dichlorobenzene
Concen: 9.007 ppbv
RT: 16.986 min Scan# 4416
Delta R.T. 0.000 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

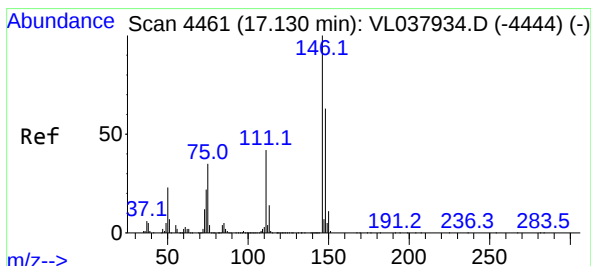
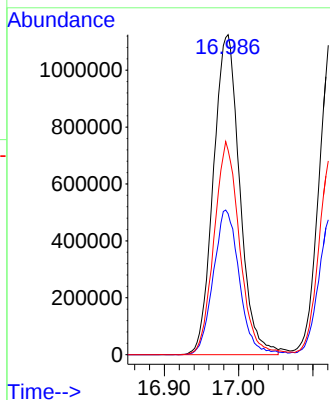
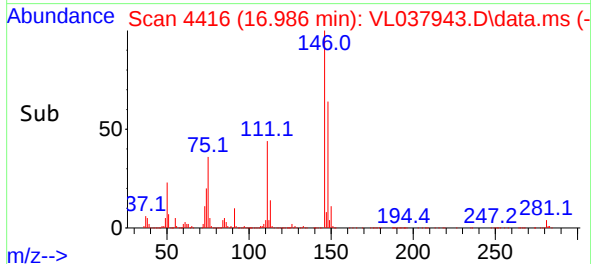
Instrument :
MSVOA_L
ClientSampleId :
VL1101ABS01



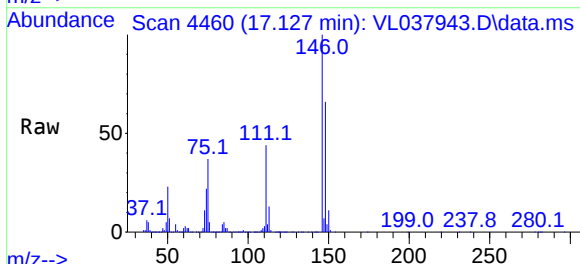
Tgt Ion:146 Resp: 277157
Ion Ratio Lower Upper
146 100
111 44.9 22.7 68.1
148 64.8 32.4 97.0

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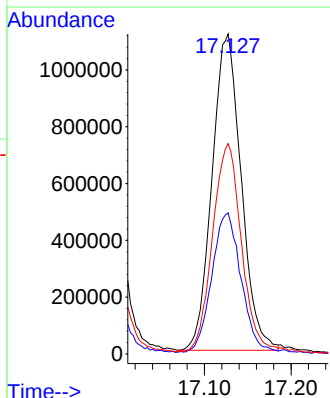
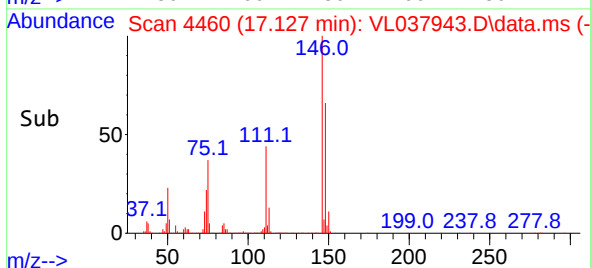
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

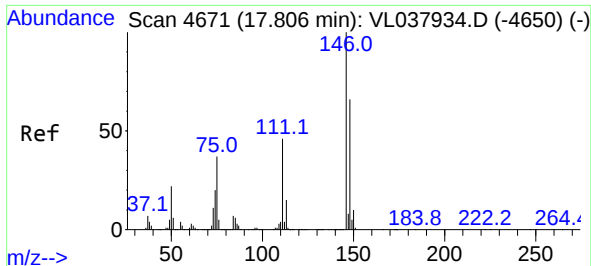


#76
1,4-Dichlorobenzene
Concen: 8.736 ppbv
RT: 17.127 min Scan# 4460
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41



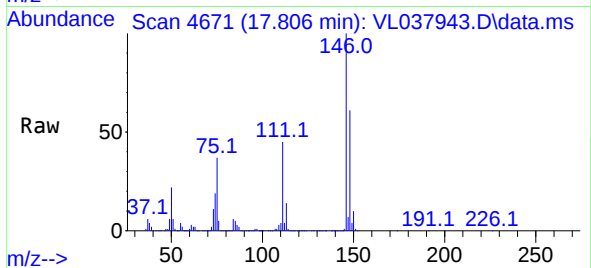
Tgt Ion:146 Resp: 2601265
Ion Ratio Lower Upper
146 100
111 46.2 22.7 68.1
148 67.9 33.5 100.4





#77
1,2-Dichlorobenzene
Concen: 8.748 ppbv
RT: 17.806 min Scan# 4671
Delta R.T. 0.000 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

Instrument :
MSVOA_1
ClientSampleId :
VL1101ABS01

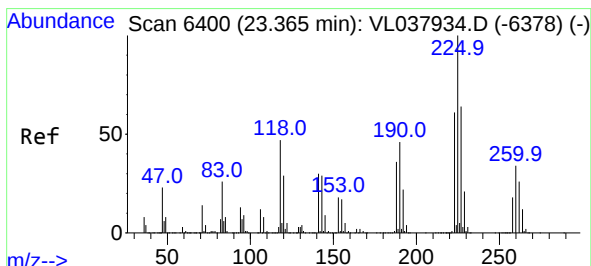
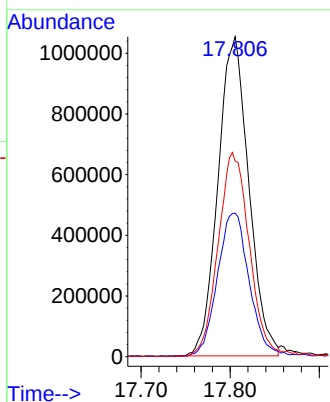
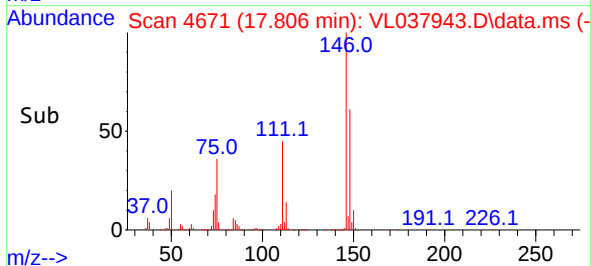


Tgt Ion:146 Resp: 252766

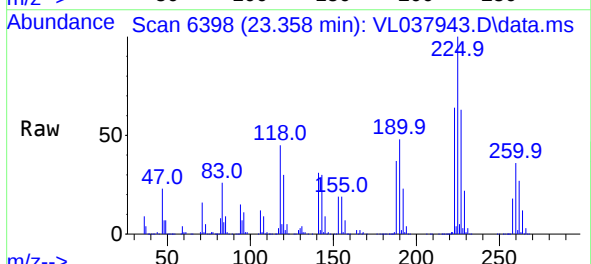
Ion	Ratio	Lower	Upper
146	100		
111	46.9	23.4	70.2
148	65.7	32.6	97.7

Manual Integrations
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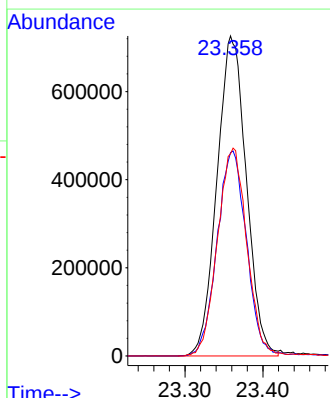
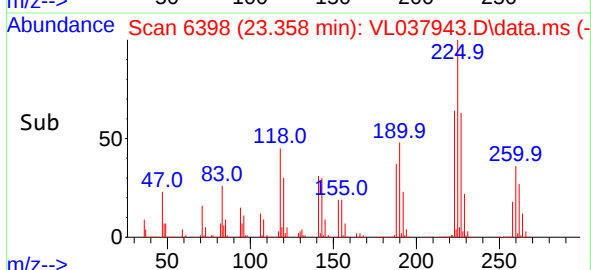


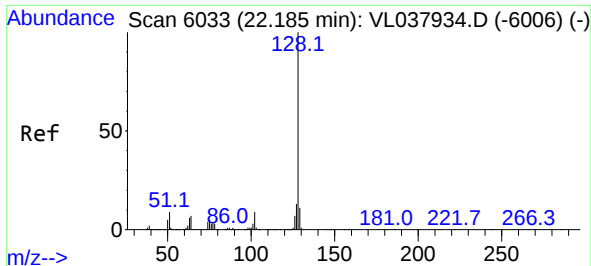
#78
Hexachloro-1,3-Butadiene
Concen: 7.688 ppbv
RT: 23.358 min Scan# 6398
Delta R.T. -0.006 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41



Tgt Ion:225 Resp: 1901427

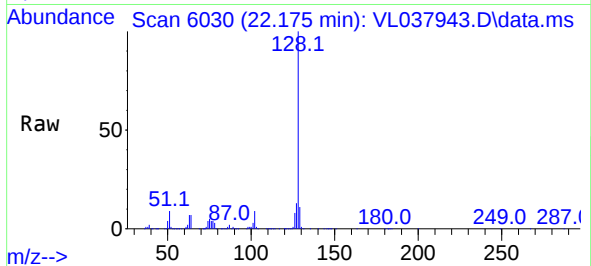
Ion	Ratio	Lower	Upper
225	100		
223	64.9	50.0	75.0
227	65.5	51.5	77.3





#79
Naphthalene
Concen: 11.891 ppbv
RT: 22.175 min Scan# 6033
Delta R.T. -0.010 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41

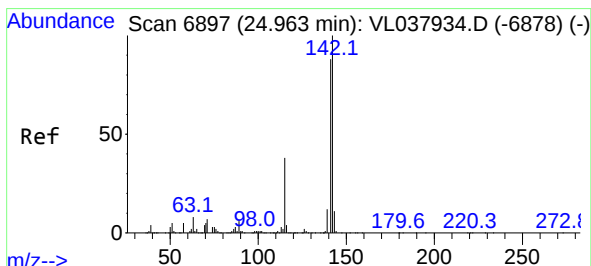
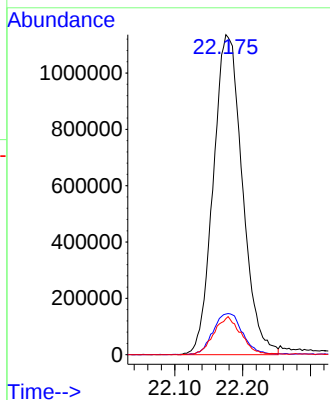
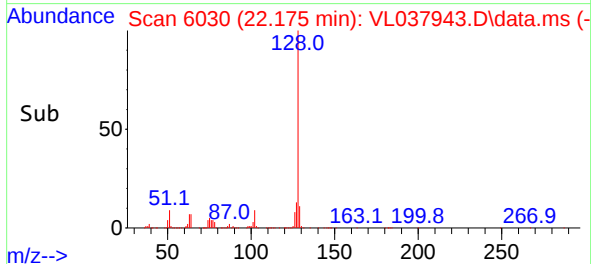
Instrument :
MSVOA_L
ClientSampleId :
VL1101ABS01



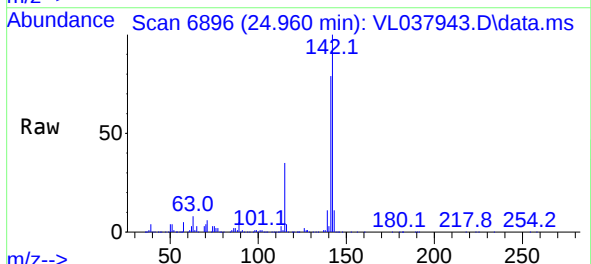
Tgt Ion:128 Resp: 338603
Ion Ratio Lower Upper
128 100
127 12.6 10.2 15.2
129 11.2 9.0 13.4

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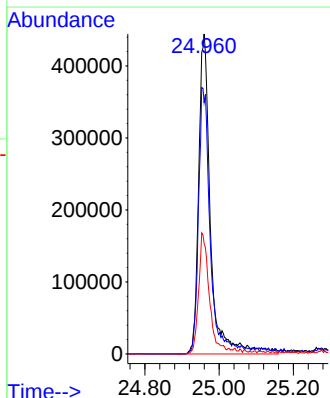
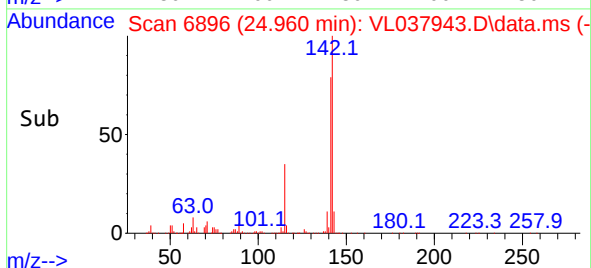
Reviewed By :Semsettin Yesilyurt 11/05/2021
Supervised By :Mahesh Dadoda 11/10/2021

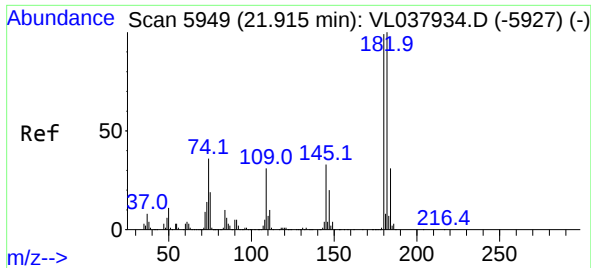


#80
Naphthalene,2-methyl-
Concen: 17.846 ppbv
RT: 24.960 min Scan# 6896
Delta R.T. -0.003 min
Lab File: VL037943.D
Acq: 1 Nov 2021 17:41



Tgt Ion:142 Resp: 989202
Ion Ratio Lower Upper
142 100
141 83.3 66.4 99.6
115 35.4 29.0 43.4





#81
 1,2,4-Trichlorobenzene
 Concen: 10.300 ppbv
 RT: 21.912 min Scan# 5948
 Delta R.T. -0.003 min
 Lab File: VL037943.D
 Acq: 1 Nov 2021 17:41

Instrument : MSVOA_L
 ClientSampleId : VL1101ABS01

Tgt Ion:180 Resp: 190908

Ion	Ratio	Lower	Upper
180	100		
182	98.1	79.3	118.9
184	31.4	25.3	37.9

Manual Integrations
 APPROVED

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

