

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL110921\
 Data File : VL037978.D
 Acq On : 9 Nov 2021 10:01
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Quant Time: Nov 10 04:47:46 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL110121AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Nov 9 04:47:46 2021
 QLast Update : Tue Nov 02 05:54:07 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 11/17/2021
 Supervised By : Mahesh Dadoda 11/17/2021

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.661	49	1640669	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.163	114	4838402	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.073	117	4321252m	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.400	95	2995117	9.535	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	95.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.050	85	2226115	9.630	ppbv	100
3) Chlorodifluoromethane	2.989	51	2736893	8.961	ppbv	99
4) Chloromethane	3.144	50	1063631	9.163	ppbv	97
5) Vinyl Chloride	3.259	62	1051692	9.401	ppbv	97
6) Bromomethane	3.475	94	557944	9.232	ppbv	95
7) Chloroethane	3.558	64	367441	9.099	ppbv	98
8) Dichlorotetrafluoroethane	3.189	85	2344690	8.806	ppbv	99
9) Propene	3.012	41	1043505	9.529	ppbv	96
10) Heptane	8.115	43	2532967	9.942	ppbv	100
11) Trichlorofluoromethane	3.948	101	2100736	9.127	ppbv	97
12) 1,1,2-Trichlorotrifluoro...	4.481	101	1656735	9.233	ppbv	98
13) Ethanol	3.597	45	114983m	10.408	ppbv	
14) Bromoethene	3.739	108	737880	9.401	ppbv	100
15) Acetone	3.848	43	1212189	8.941	ppbv	98
16) 1,3-Butadiene	3.327	39	985601	9.226	ppbv	97
17) tert-Butyl alcohol	4.279	59	1503152	10.663	ppbv	98
18) 1,1-Dichloroethene	4.285	96	756880	9.165	ppbv	97
19) Isopropyl Alcohol	3.960	45	869602	10.030	ppbv #	94
20) Methylene Chloride	4.343	84	635263	8.535	ppbv	98
21) Allyl Chloride	4.407	41	1269600	10.149	ppbv	98
22) trans-1,2-Dichloroethene	4.883	96	779650	9.501	ppbv	96
23) Vinyl Acetate	5.066	43	1970673	9.654	ppbv	99
24) 1,1-Dichloroethane	5.005	63	1581054	9.375	ppbv	98
25) Ethyl Acetate	5.668	43	3944606	9.796	ppbv	100
26) Hexane	5.677	57	1832330	9.604	ppbv	100
27) Carbon Disulfide	4.546	76	1956997	10.390	ppbv	99
28) Methyl tert-Butyl Ether	5.028	73	1598340	9.965	ppbv	99
29) Chloroform	5.745	83	2571567	9.038	ppbv	97
30) Cyclohexane	7.124	84	1569650	9.625	ppbv	98
31) cis-1,2-Dichloroethene	5.542	61	1704629	9.793	ppbv	99
32) 1,1,1-Trichloroethane	6.504	97	2469597	8.831	ppbv	100
34) 2-Butanone	5.237	43	1687062	9.410	ppbv	100
35) Carbon Tetrachloride	7.008	117	2528226	8.643	ppbv	99
36) Benzene	6.883	78	3821195	9.698	ppbv	98
37) 1,2-Dichloroethane	6.298	62	1794901	9.582	ppbv	98
38) Trichloroethene	7.825	130	1458174	8.916	ppbv	98
39) 1,2-Dichloropropane	7.603	63	1432262	9.661	ppbv	97
40) 1,4-Dioxane	7.832	88	374242m	9.585	ppbv	
41) Tetrahydrofuran	6.041	42	920098	10.489	ppbv	99
42) Bromodichloromethane	7.783	83	2713976	9.583	ppbv	98
43) Methyl Methacrylate	8.002	69	1373441	10.620	ppbv	99
44) 2,2,4-Trimethylpentane	7.861	57	6372600	9.509	ppbv	99
45) t-1,3-Dichloropropene	9.266	75	1112138	11.703	ppbv	95

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Quant Time: Nov 10 04:47:46 2021

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

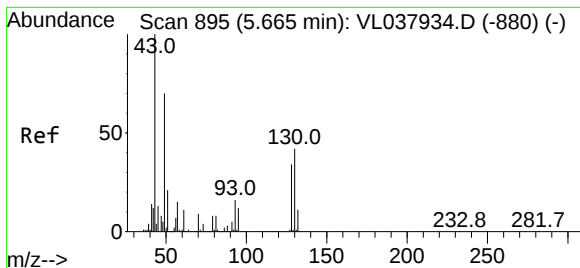
Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument: MSVOA_L Tue Nov 9 04:47:46 2021

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

Response via : Initial Calibration

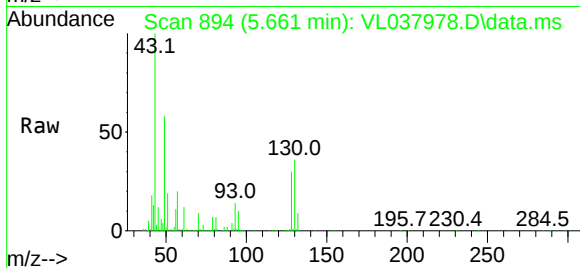
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.690	75	1474965	11.289	ppbv	99
47) 1,1,2-Trichloroethane	9.462	97	1499719	9.003	ppbv	98
48) Dibromochloromethane	10.291	129	2320886	9.841	ppbv	100
49) Bromoform	13.024	173	1802092	9.667	ppbv	99
50) 4-Methyl-2-Pentanone	8.732	43	2418309	10.266	ppbv	99
51) 2-Hexanone	10.127	43	1070842	10.786	ppbv #	97
52) Tetrachloroethene	11.211	164	1344517	8.995	ppbv	96
53) Toluene	9.796	91	4281834	10.137	ppbv	99
54) 1,2-Dibromoethane	10.600	107	2121922	9.877	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.111	131	1617833m	9.273	ppbv	
57) Chlorobenzene	12.134	112	3075610	8.917	ppbv	97
58) Ethyl Benzene	12.696	91	5304225	10.037	ppbv	100
59) m/p-Xylene	12.986	91	8849591m	18.841	ppbv	
60) o-Xylene	13.680	91	4060484	9.169	ppbv	99
61) Styrene	13.513	104	2273979	11.181	ppbv	100
62) Isopropylbenzene	14.655	105	5635487	8.987	ppbv	100
63) 1,1,2,2-Tetrachloroethane	13.664	83	2851470	7.481	ppbv	98
64) n-propylbenzene	15.548	120	1487221	9.256	ppbv	97
65) tert-Butylbenzene	16.728	119	4873655	8.795	ppbv	100
66) Benzyl Chloride	16.970	91	247343	8.542	ppbv #	95
67) sec-Butylbenzene	17.278	105	6702976	8.779	ppbv	100
69) p-Isopropyltoluene	17.638	119	5564798	9.087	ppbv	99
70) n-Butylbenzene	18.535	91	5375883	9.553	ppbv	100
71) 2-Chlorotoluene	15.439	91	4058343	9.238	ppbv	99
72) 4-Ethyltoluene	15.825	105	4915659	9.689	ppbv	98
73) 1,3,5-Trimethylbenzene	15.982	105	4284598	9.018	ppbv	99
74) 1,2,4-Trimethylbenzene	16.751	105	4366011	8.772	ppbv	98
75) 1,3-Dichlorobenzene	16.982	146	2648287	8.546	ppbv	99
76) 1,4-Dichlorobenzene	17.124	146	2532548	8.445	ppbv	99
77) 1,2-Dichlorobenzene	17.799	146	2471372	8.493	ppbv	99
78) Hexachloro-1,3-Butadiene	23.355	225	2075099	8.331	ppbv	100
79) Naphthalene	22.175	128	3727054	12.997	ppbv	100
80) Naphthalene,2-methyl-	24.956	142	1176265	21.071	ppbv	100
81) 1,2,4-Trichlorobenzene	21.911	180	2072199	11.102	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 895
Delta R.T. -0.003 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

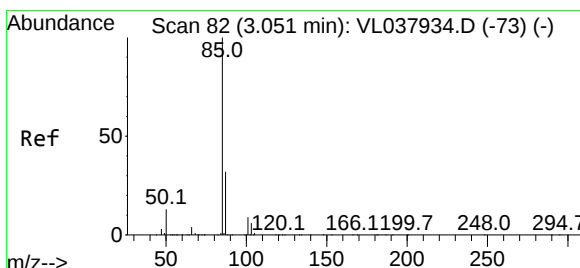
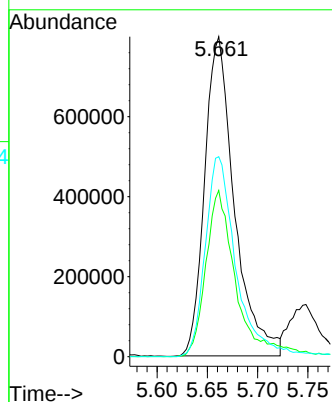
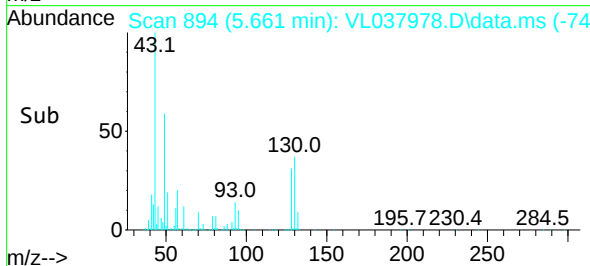
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



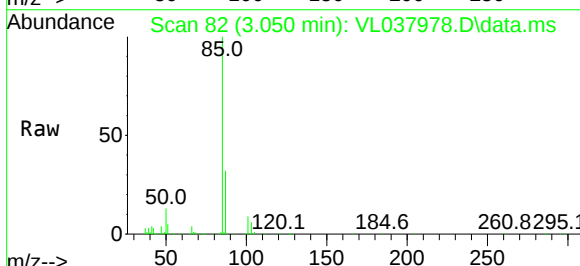
Tgt Ion: 49 Resp: 164066
Ion Ratio Lower Upper
49 100
128 53.9 27.0 81.0
130 66.1 33.4 100.2

Manual Integrations
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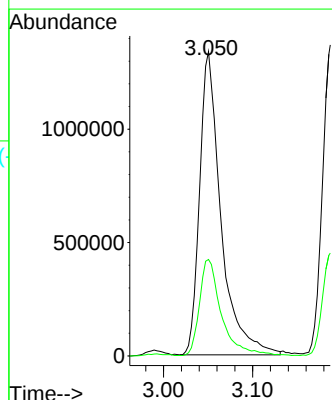
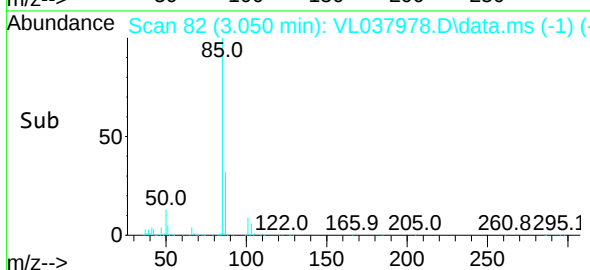
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

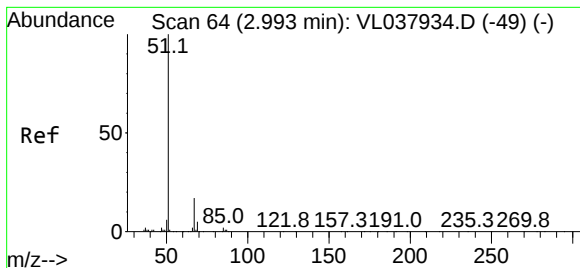


#2
Dichlorodifluoromethane
Concen: 9.630 ppbv
RT: 3.050 min Scan# 82
Delta R.T. -0.000 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01



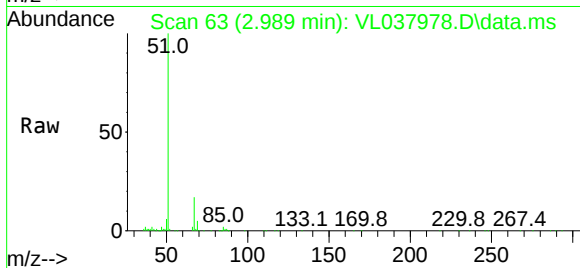
Tgt Ion: 85 Resp: 2226115
Ion Ratio Lower Upper
85 100
87 31.7 25.3 37.9





#3
Chlorodifluoromethane
Concen: 8.961 ppbv
RT: 2.989 min Scan# 61
Delta R.T. -0.003 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

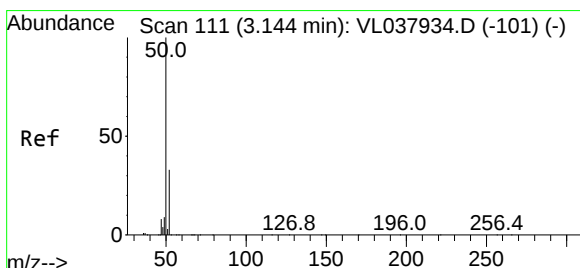
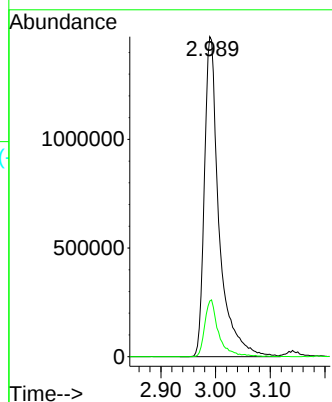
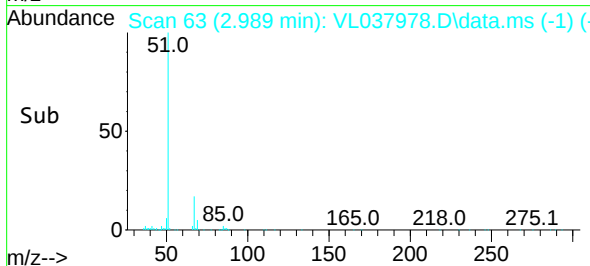
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



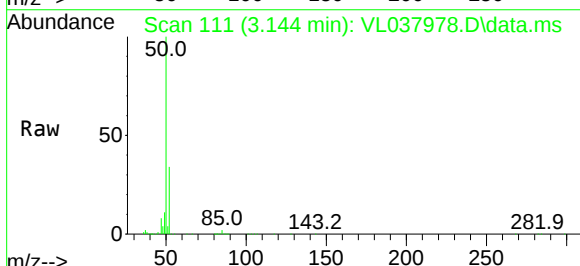
Tgt Ion: 51 Resp: 273689
Ion Ratio Lower Upper
51 100
67 16.9 13.4 20.0

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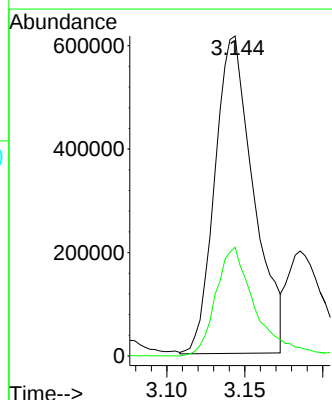
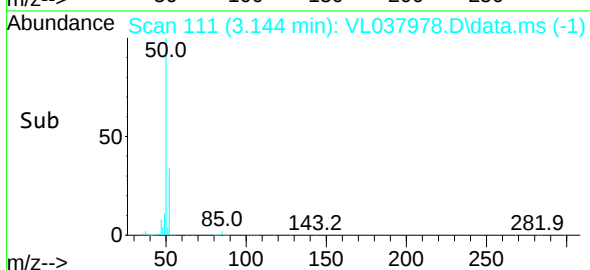
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

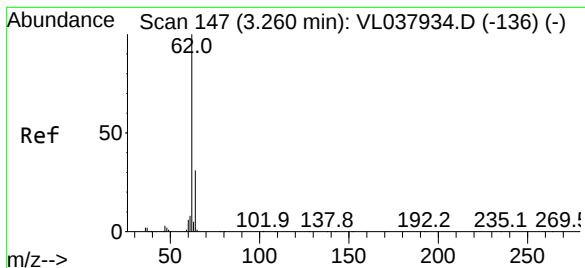


#4
Chloromethane
Concen: 9.163 ppbv
RT: 3.144 min Scan# 111
Delta R.T. -0.000 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01



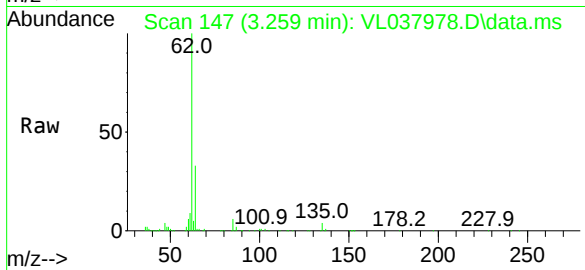
Tgt Ion: 50 Resp: 1063631
Ion Ratio Lower Upper
50 100
52 34.3 26.3 39.5





#5
 Vinyl Chloride
 Concen: 9.401 ppbv
 RT: 3.259 min Scan# 147
 Delta R.T. -0.000 min
 Lab File: VL037978.D
 Acq: 9 Nov 2021 10:01

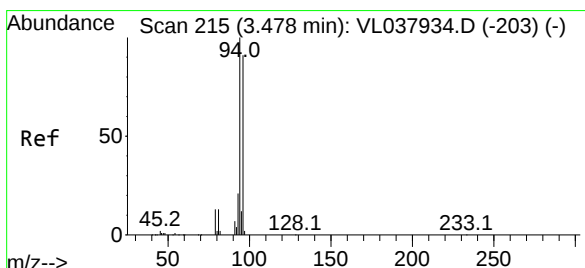
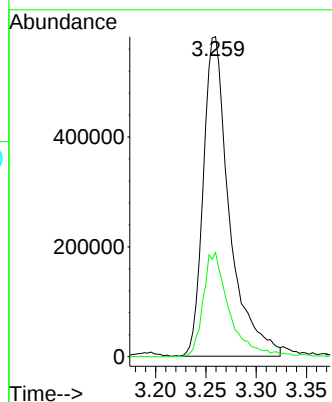
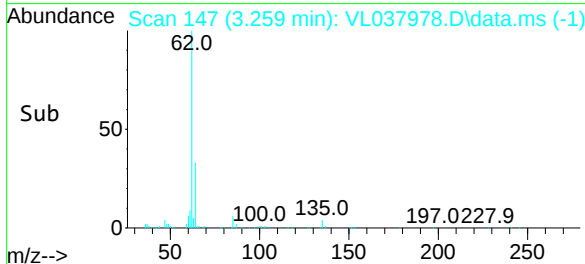
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



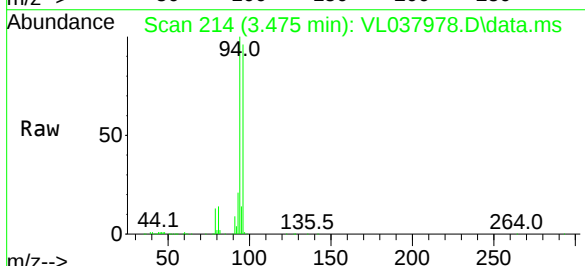
Tgt Ion: 62 Resp: 1051692
 Ion Ratio Lower Upper
 62 100
 64 32.5 24.7 37.1

Manual Integrations
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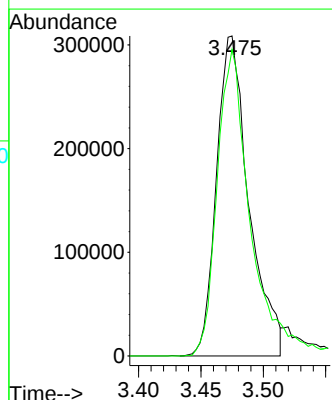
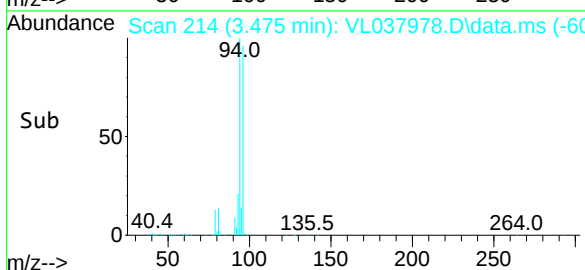
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021

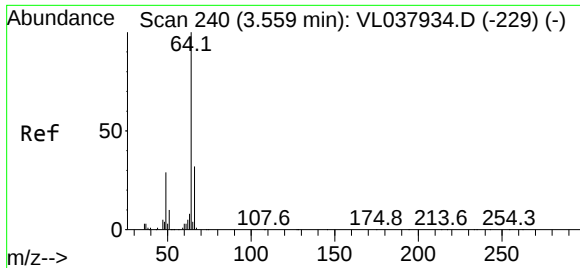


#6
 Bromomethane
 Concen: 9.232 ppbv
 RT: 3.475 min Scan# 214
 Delta R.T. -0.003 min
 Lab File: VL037978.D
 Acq: 9 Nov 2021 10:01



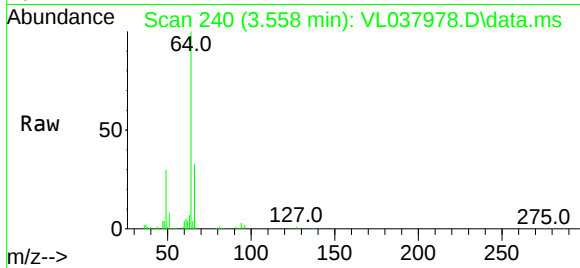
Tgt Ion: 94 Resp: 557944
 Ion Ratio Lower Upper
 94 100
 96 95.8 73.0 109.4





#7
Chloroethane
Concen: 9.099 ppbv
RT: 3.558 min Scan# 240
Delta R.T. -0.000 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

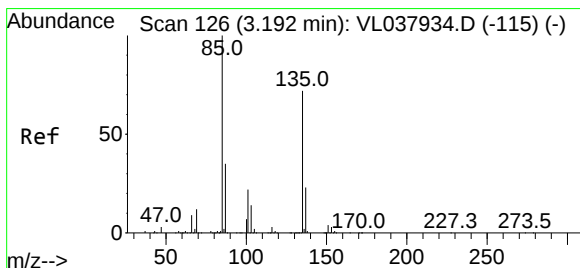
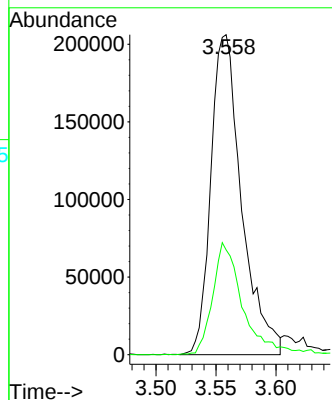
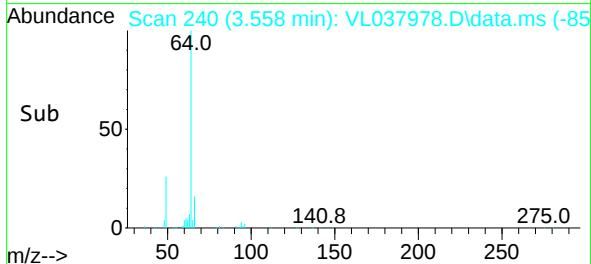
Instrument :
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VSTDCCC010



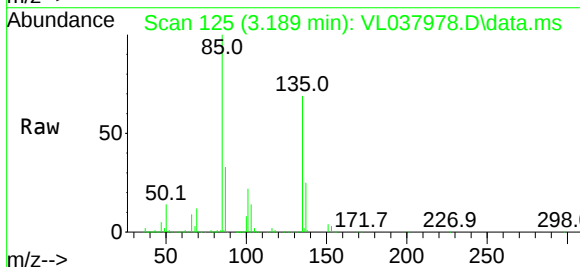
Tgt Ion: 64 Resp: 36744
Ion Ratio Lower Upper
64 100
66 32.8 25.5 38.3

Manual Integrations
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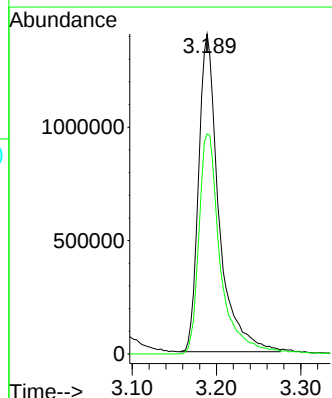
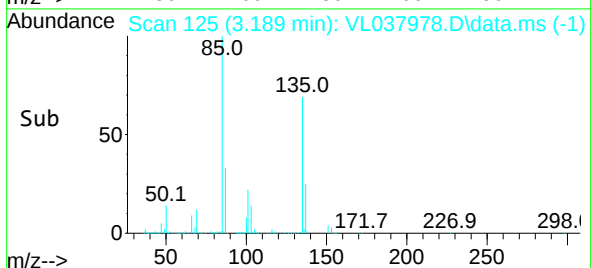
Reviewed By :Semsettin Yesilyurt 11/17/2021
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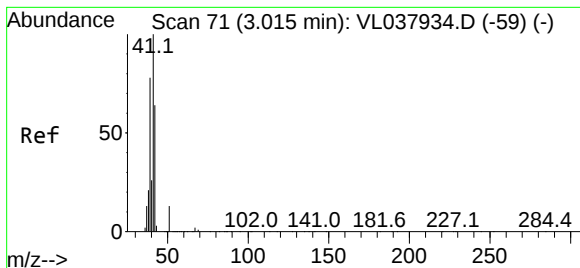


#8
Dichlorotetrafluoroethane
Concen: 8.806 ppbv
RT: 3.189 min Scan# 125
Delta R.T. -0.003 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01



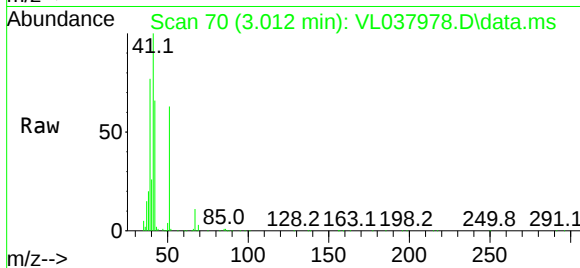
Tgt Ion: 85 Resp: 2344690
Ion Ratio Lower Upper
85 100
135 74.3 58.8 88.2





#9
 Propene
 Concen: 9.529 ppbv
 RT: 3.012 min Scan# 70
 Delta R.T. -0.003 min
 Lab File: VL037978.D
 Acq: 9 Nov 2021 10:01

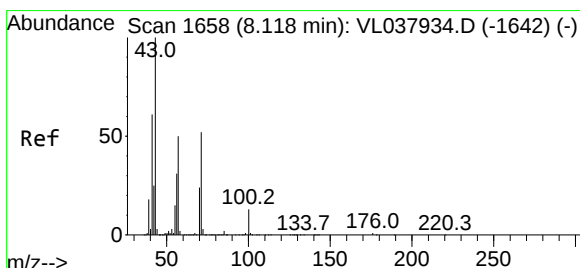
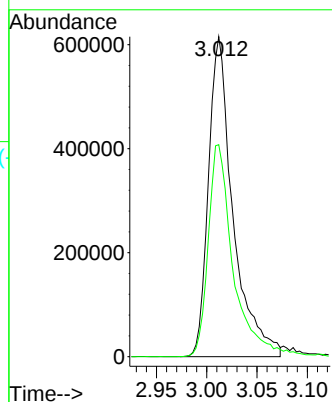
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 41 Resp: 104350
 Ion Ratio Lower Upper
 41 100
 42 68.4 57.6 86.4

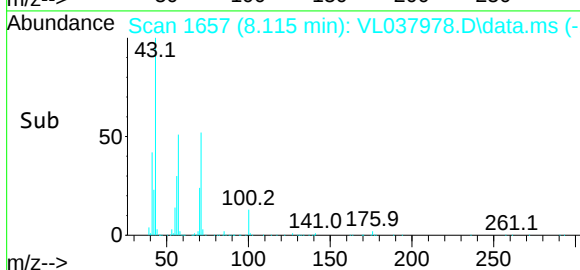
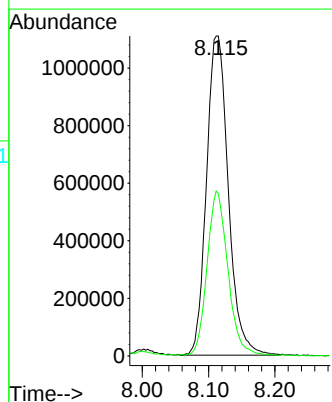
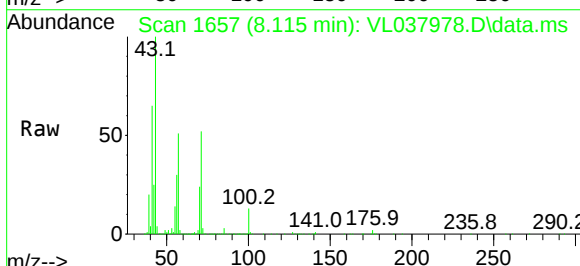
Manual Integrations
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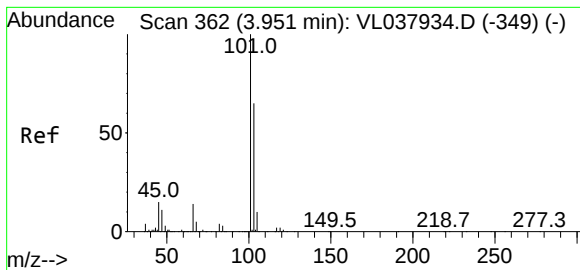
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#10
 Heptane
 Concen: 9.942 ppbv
 RT: 8.115 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VL037978.D
 Acq: 9 Nov 2021 10:01

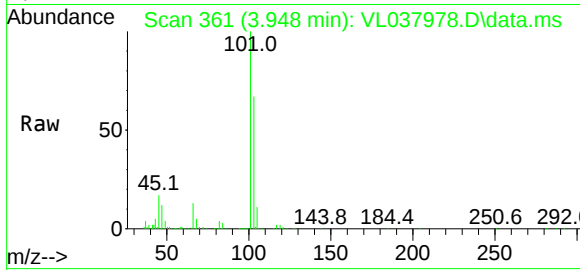
Tgt Ion: 43 Resp: 2532967
 Ion Ratio Lower Upper
 43 100
 57 49.6 39.8 59.8





#11
 Trichlorofluoromethane
 Concen: 9.127 ppbv
 RT: 3.948 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: VL037978.D
 Acq: 9 Nov 2021 10:01

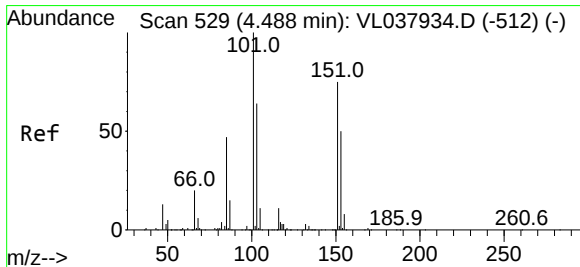
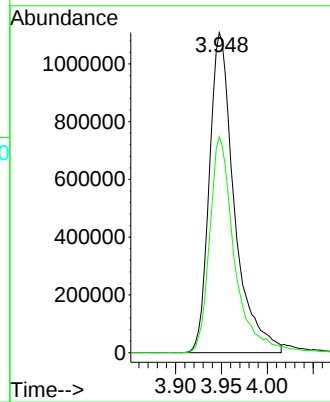
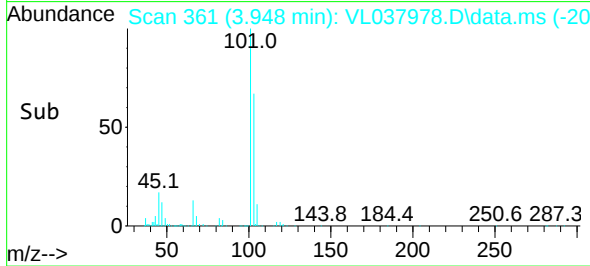
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



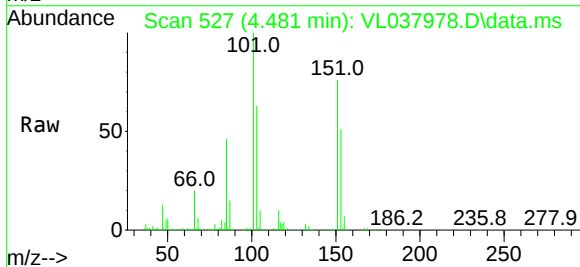
Tgt Ion:101 Resp: 2100730
 Ion Ratio Lower Upper
 101 100
 103 67.5 52.0 78.0

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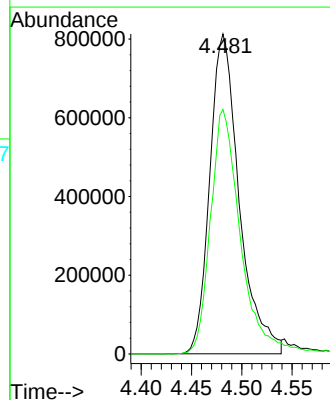
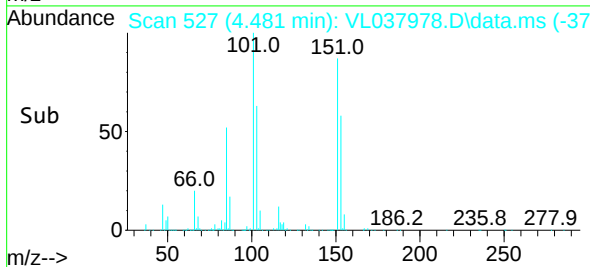
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021

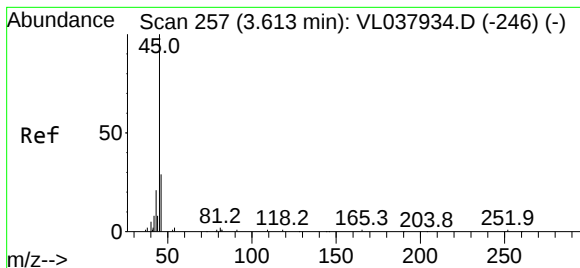


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 9.233 ppbv
 RT: 4.481 min Scan# 527
 Delta R.T. -0.006 min
 Lab File: VL037978.D
 Acq: 9 Nov 2021 10:01



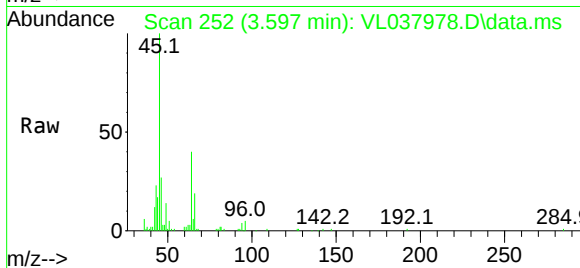
Tgt Ion:101 Resp: 1656735
 Ion Ratio Lower Upper
 101 100
 151 78.8 61.8 92.8





#13
Ethanol
Concen: 10.408 ppbv m
RT: 3.597 min Scan# 21
Delta R.T. -0.016 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

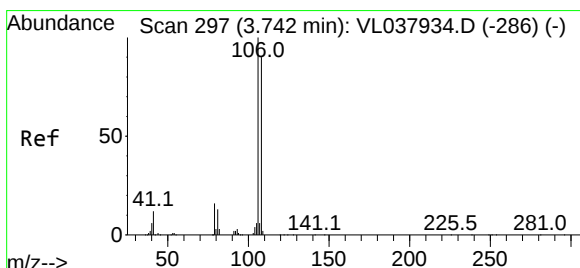
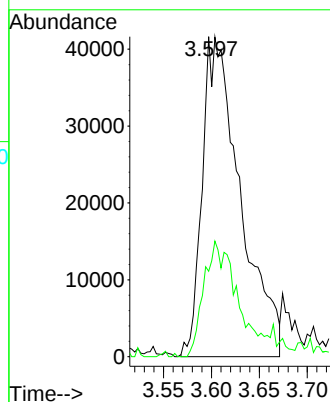
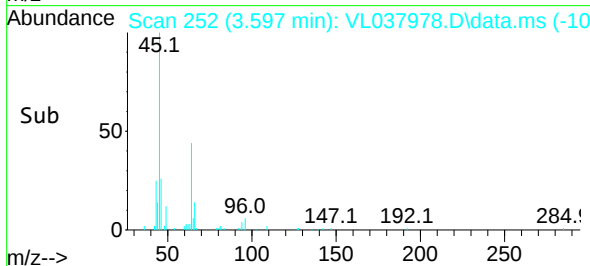
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 45 Resp: 11498
Ion Ratio Lower Upper
45 100
46 34.4 17.4 69.8

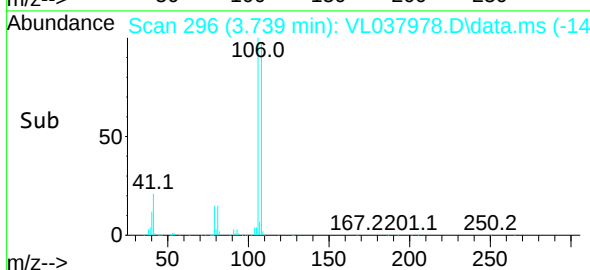
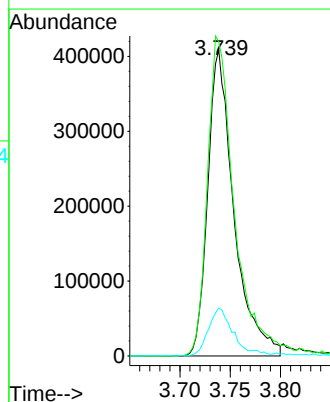
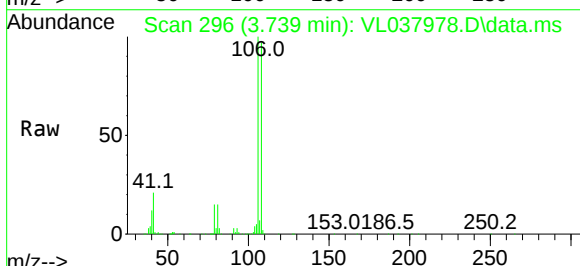
Manual Integrations
APPROVED

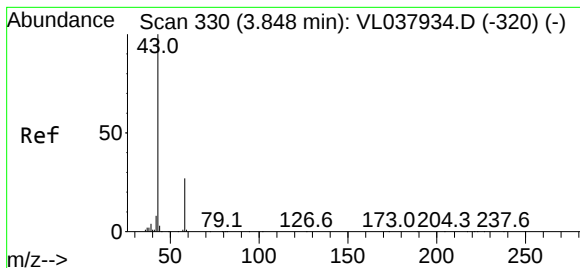
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#14
Bromoethene
Concen: 9.401 ppbv
RT: 3.739 min Scan# 296
Delta R.T. -0.003 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

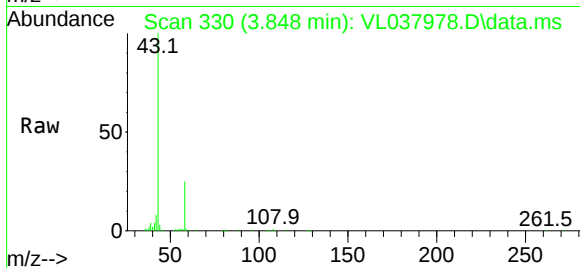
Tgt Ion:108 Resp: 737880
Ion Ratio Lower Upper
108 100
106 110.8 88.4 132.6
79 15.8 12.4 18.6





#15
Acetone
Concen: 8.941 ppbv
RT: 3.848 min Scan# 311
Delta R.T. -0.000 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

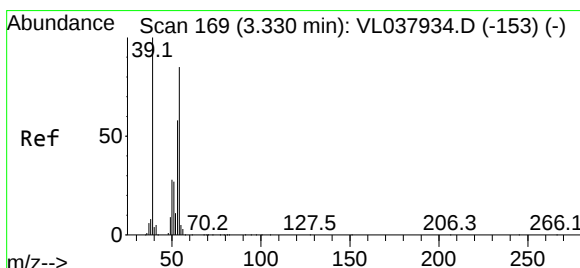
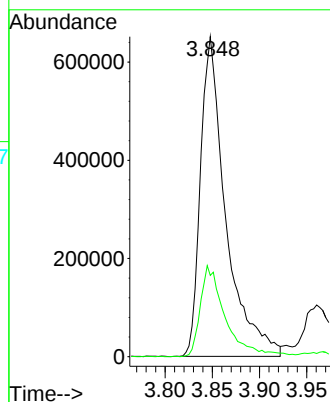
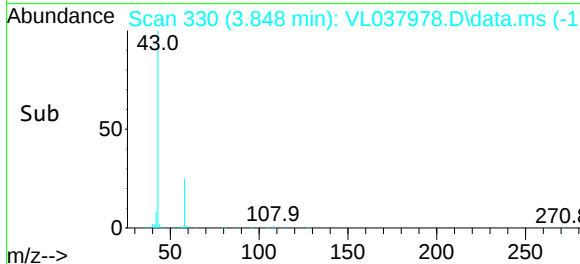
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



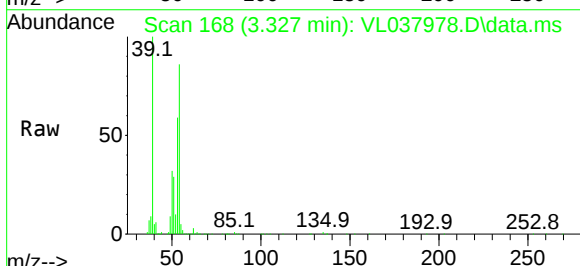
Tgt Ion: 43 Resp: 1212189
Ion Ratio Lower Upper
43 100
58 28.2 23.3 34.9

Manual Integrations
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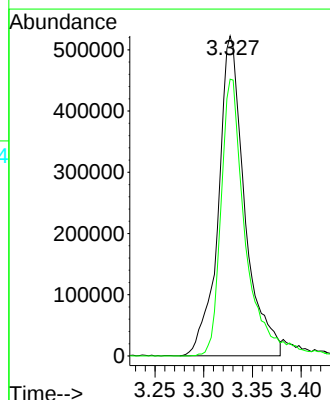
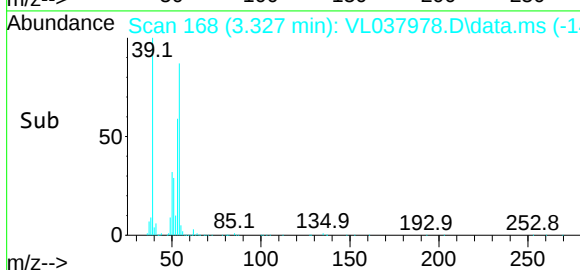
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

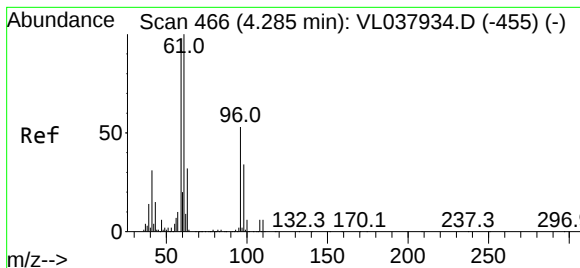


#16
1,3-Butadiene
Concen: 9.226 ppbv
RT: 3.327 min Scan# 168
Delta R.T. -0.003 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01



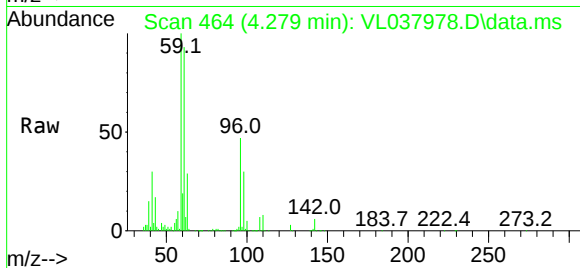
Tgt Ion: 39 Resp: 985601
Ion Ratio Lower Upper
39 100
54 81.2 62.6 93.8





#17
tert-Butyl alcohol
Concen: 10.663 ppbv
RT: 4.279 min Scan# 464
Delta R.T. -0.006 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

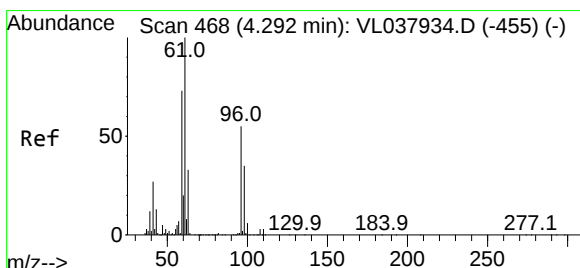
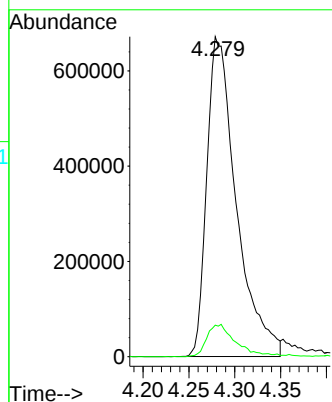
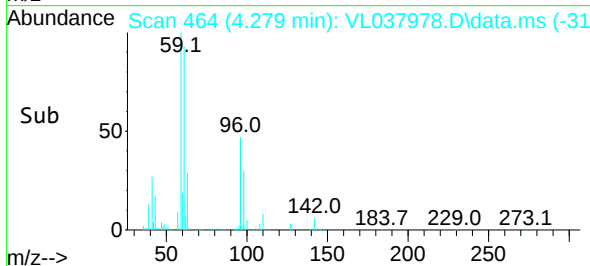
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



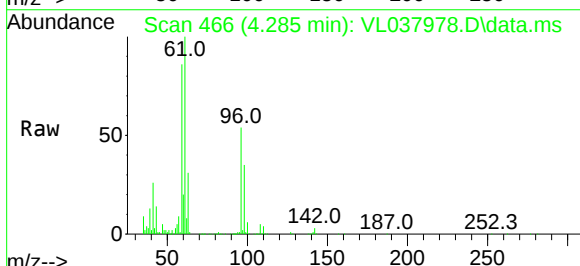
Tgt Ion: 59 Resp: 150315
Ion Ratio Lower Upper
59 100
57 10.3 8.9 13.3

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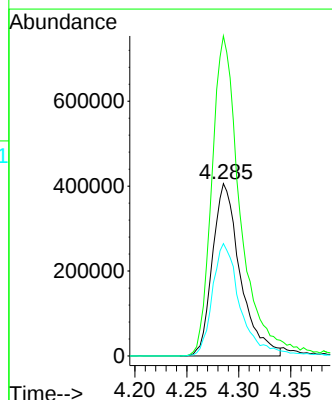
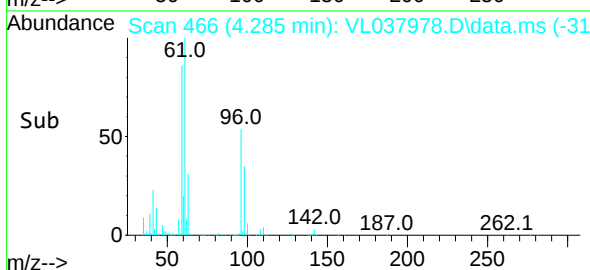
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

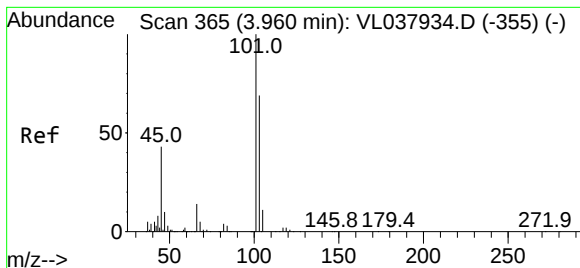


#18
1,1-Dichloroethene
Concen: 9.165 ppbv
RT: 4.285 min Scan# 466
Delta R.T. -0.006 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01



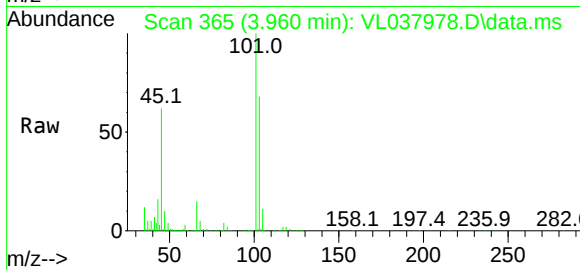
Tgt Ion: 96 Resp: 756880
Ion Ratio Lower Upper
96 100
61 185.6 144.3 216.5
98 65.2 50.5 75.7





#19
Isopropyl Alcohol
Concen: 10.030 ppbv
RT: 3.960 min Scan# 30
Delta R.T. -0.000 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

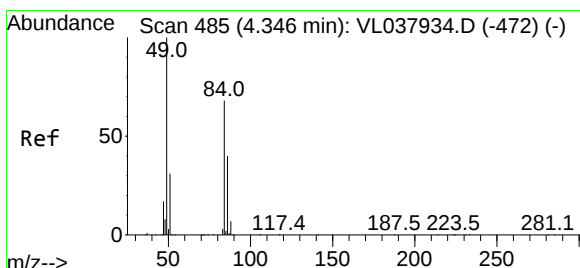
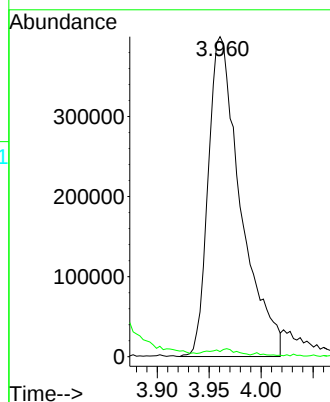
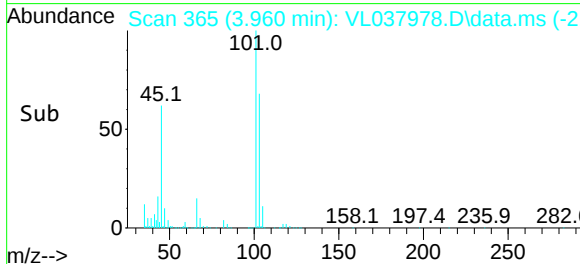
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



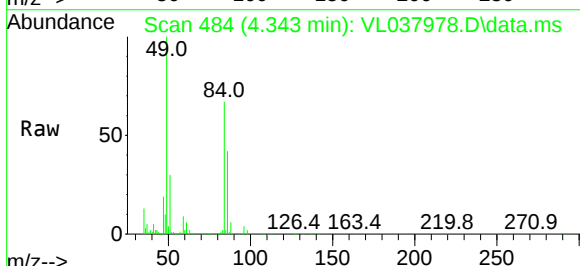
Tgt Ion: 45 Resp: 869602
Ion Ratio Lower Upper
45 100
58 3.0 4.0 6.0

Manual Integrations
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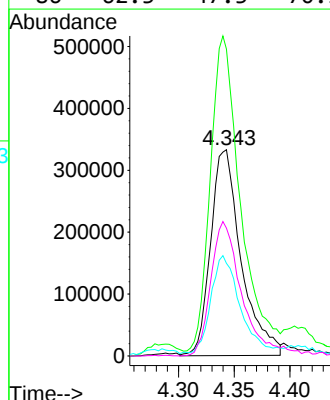
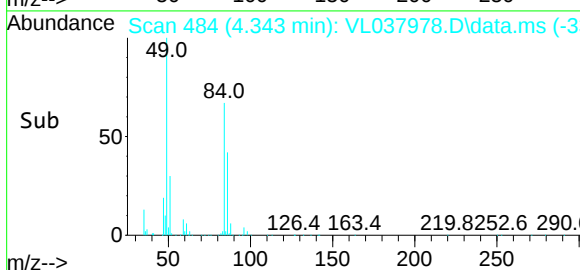
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

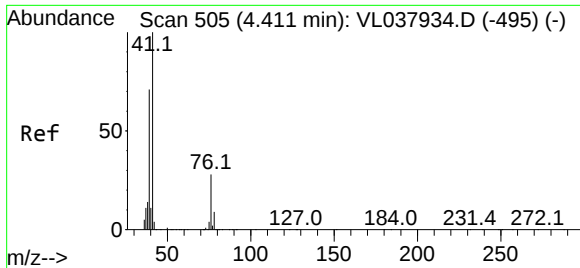


#20
Methylene Chloride
Concen: 8.535 ppbv
RT: 4.343 min Scan# 484
Delta R.T. -0.003 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01



Tgt Ion: 84 Resp: 635263
Ion Ratio Lower Upper
84 100
49 146.4 117.5 176.3
51 43.9 35.9 53.9
86 62.3 47.3 70.9





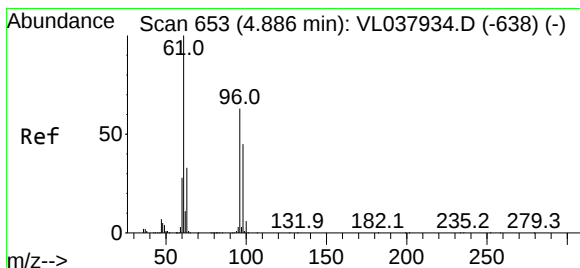
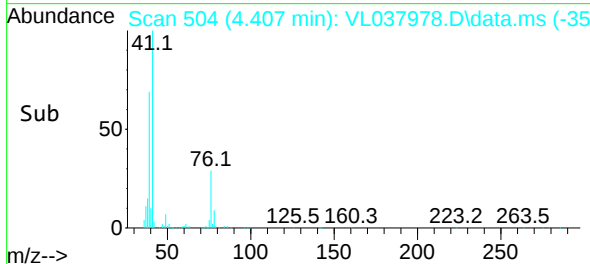
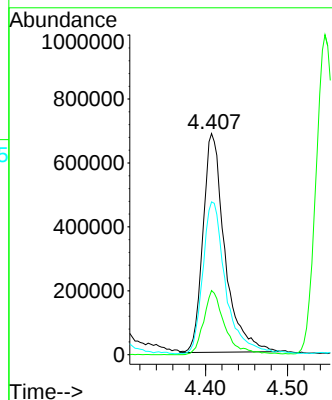
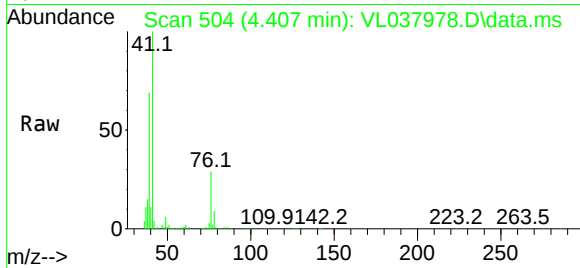
#21
 Allyl Chloride
 Concen: 10.149 ppbv
 RT: 4.407 min Scan# 505
 Delta R.T. -0.003 min
 Lab File: VL037978.D
 Acq: 9 Nov 2021 10:01

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 1269600
 Ion Ratio Lower Upper
 41 100
 76 28.6 23.6 35.4
 39 73.0 59.7 89.5

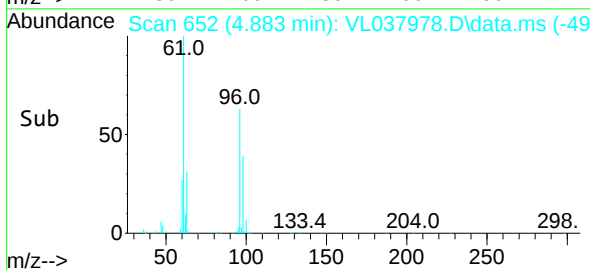
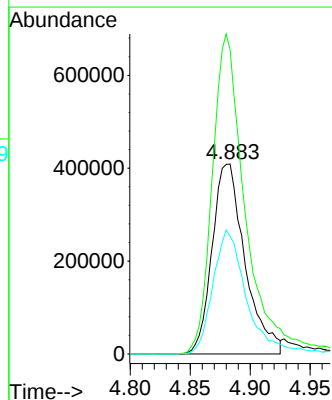
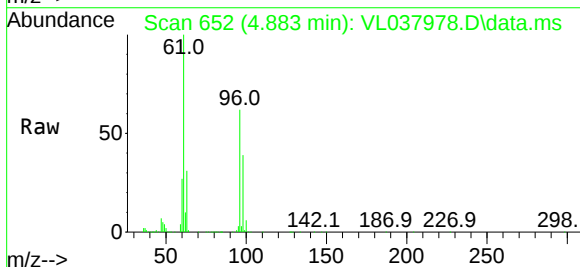
Manual Integrations
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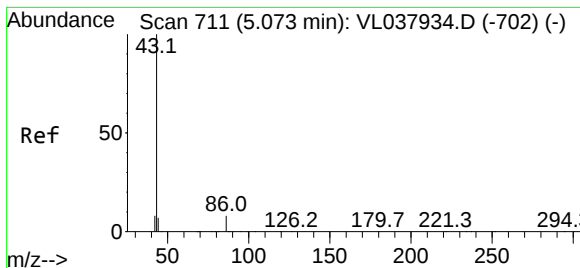
Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021



#22
 trans-1,2-Dichloroethene
 Concen: 9.501 ppbv
 RT: 4.883 min Scan# 652
 Delta R.T. -0.003 min
 Lab File: VL037978.D
 Acq: 9 Nov 2021 10:01

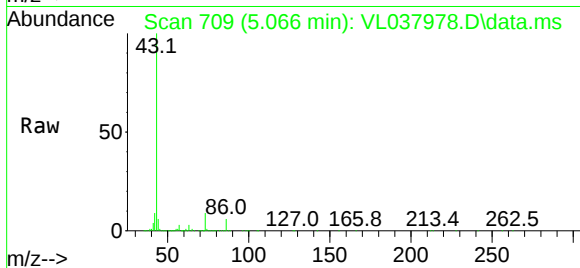
Tgt Ion: 96 Resp: 779650
 Ion Ratio Lower Upper
 96 100
 61 159.8 127.8 191.6
 98 61.8 56.9 85.3





#23
 Vinyl Acetate
 Concen: 9.654 ppbv
 RT: 5.066 min Scan# 709
 Delta R.T. -0.006 min
 Lab File: VL037978.D
 Acq: 9 Nov 2021 10:01

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

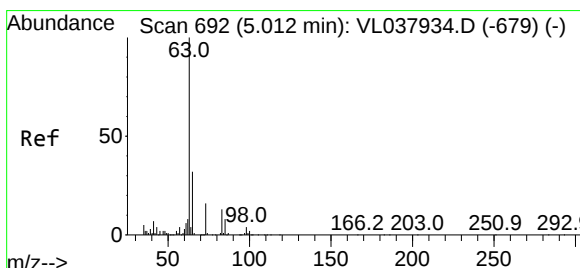
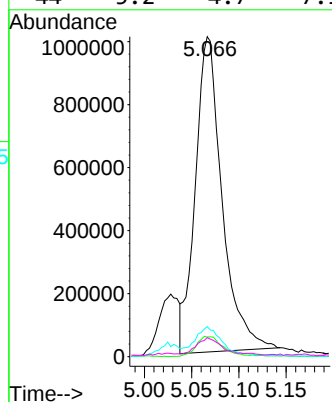
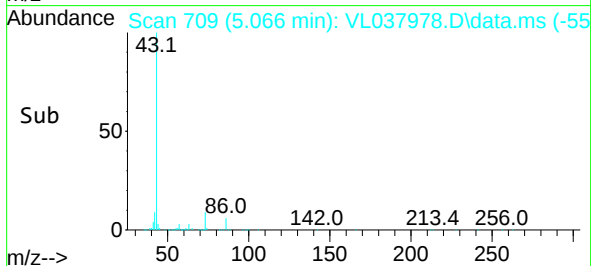


Tgt Ion: 43 Resp: 197067

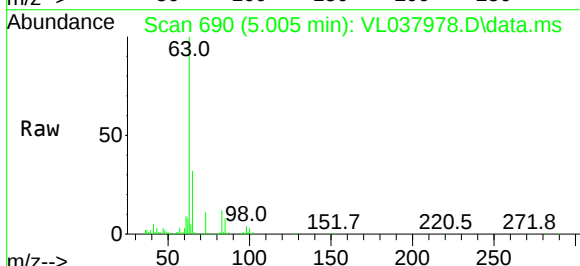
Ion	Ratio	Lower	Upper
43	100		
86	6.2	5.5	8.3
42	9.2	7.4	11.2
44	5.2	4.7	7.1

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Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021

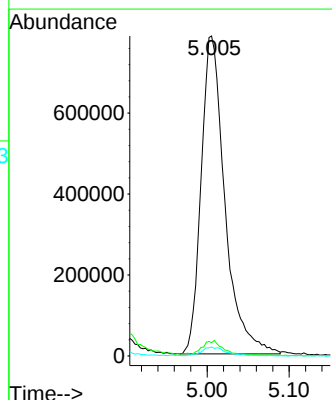
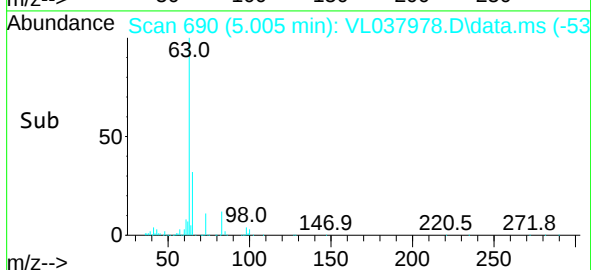


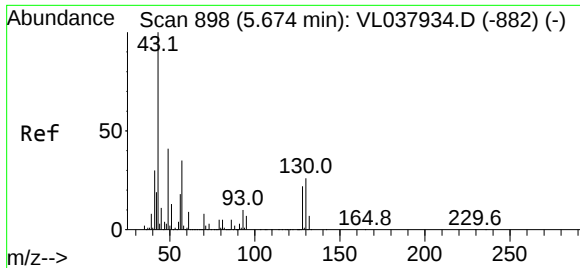
#24
 1,1-Dichloroethane
 Concen: 9.375 ppbv
 RT: 5.005 min Scan# 690
 Delta R.T. -0.006 min
 Lab File: VL037978.D
 Acq: 9 Nov 2021 10:01



Tgt Ion: 63 Resp: 1581054

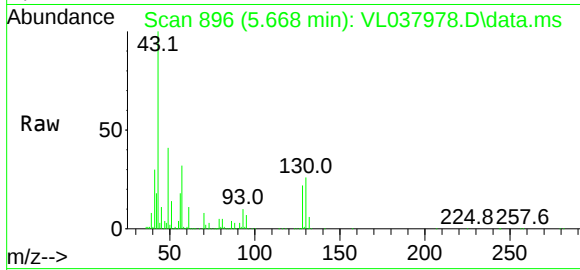
Ion	Ratio	Lower	Upper
63	100		
98	4.0	2.3	6.9
100	2.7	1.2	3.6





#25
Ethyl Acetate
Concen: 9.796 ppbv
RT: 5.668 min Scan# 896
Delta R.T. -0.006 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

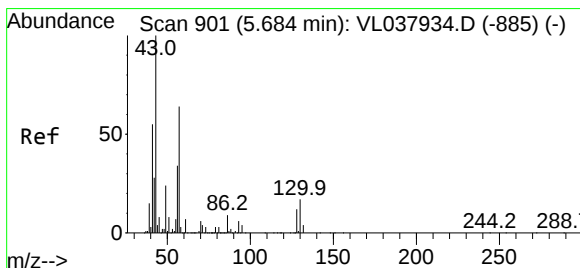
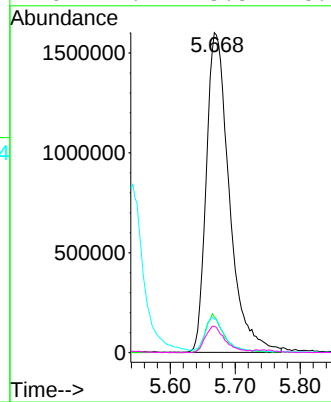
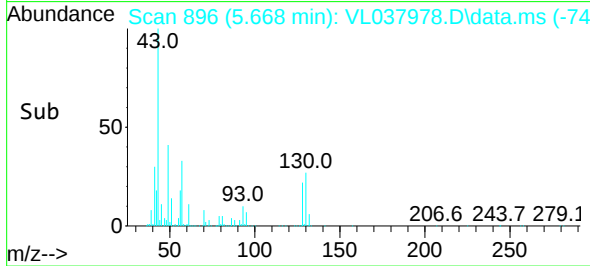
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



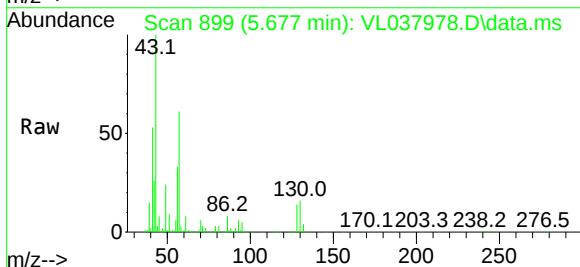
Tgt Ion: 43 Resp: 3944600
Ion Ratio Lower Upper
43 100
45 10.2 8.1 12.1
61 9.8 8.1 12.1
70 7.2 5.8 8.6

Manual Integrations
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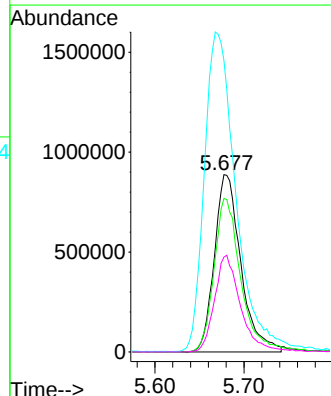
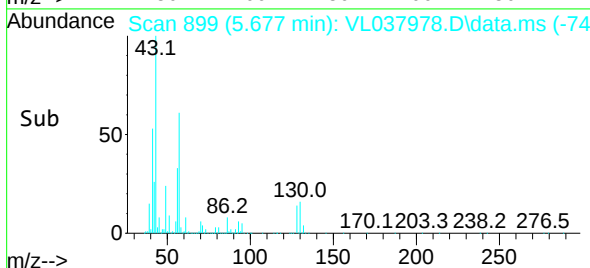
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

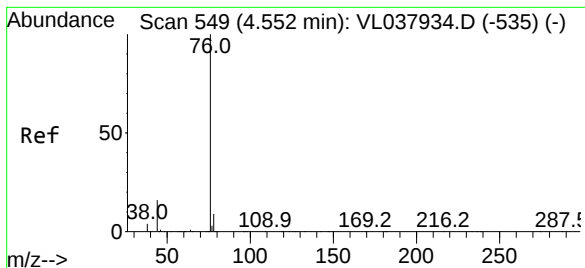


#26
Hexane
Concen: 9.604 ppbv
RT: 5.677 min Scan# 899
Delta R.T. -0.006 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01



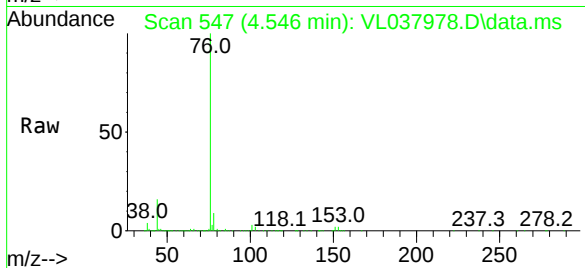
Tgt Ion: 57 Resp: 1832330
Ion Ratio Lower Upper
57 100
41 88.6 71.0 106.6
43 217.0 173.0 259.6
56 54.1 43.6 65.4





#27
Carbon Disulfide
Concen: 10.390 ppbv
RT: 4.546 min Scan# 549
Delta R.T. -0.006 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

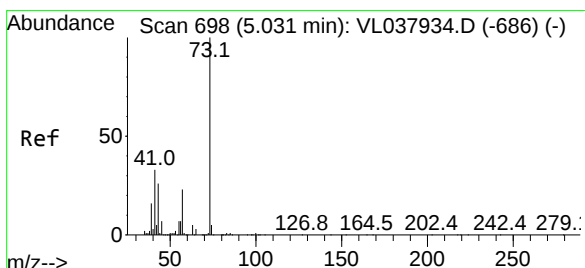
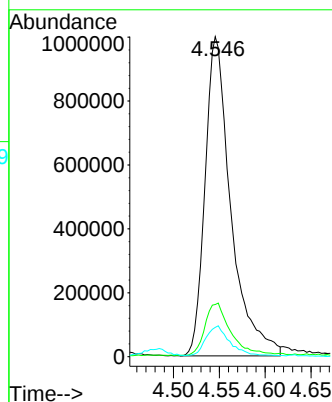
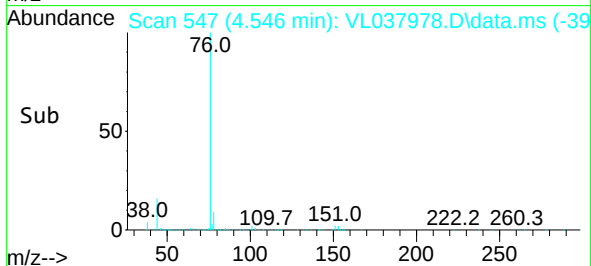
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



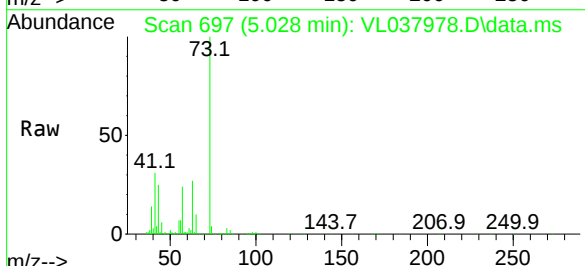
Tgt Ion: 76 Resp: 1956997
Ion Ratio Lower Upper
76 100
44 16.7 13.2 19.8
78 10.0 7.2 10.8

Manual Integrations
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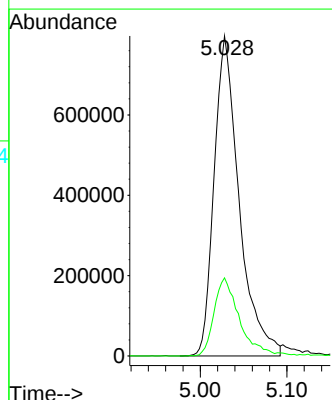
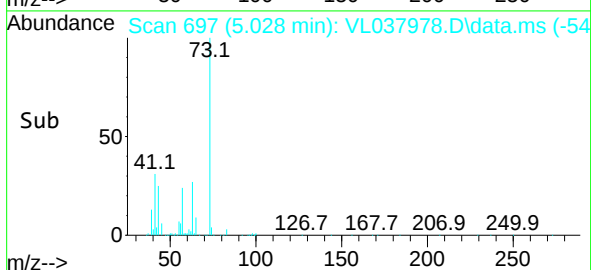
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

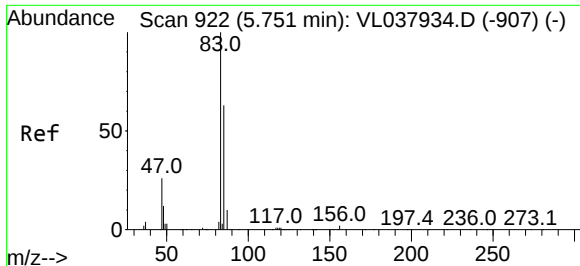


#28
Methyl tert-Butyl Ether
Concen: 9.965 ppbv
RT: 5.028 min Scan# 697
Delta R.T. -0.003 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01



Tgt Ion: 73 Resp: 1598340
Ion Ratio Lower Upper
73 100
57 25.4 20.1 30.1





#29

Chloroform

Concen: 9.038 ppbv

RT: 5.745 min Scan# 91

Delta R.T. -0.006 min

Lab File: VL037978.D

Acq: 9 Nov 2021 10:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 83 Resp: 257156

Ion Ratio Lower Upper

83 100

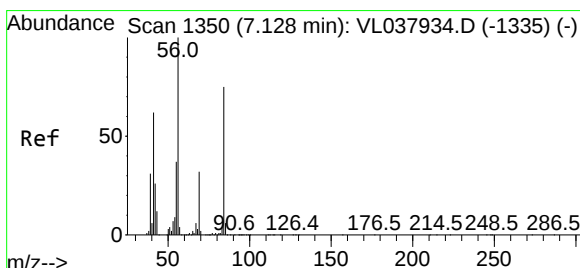
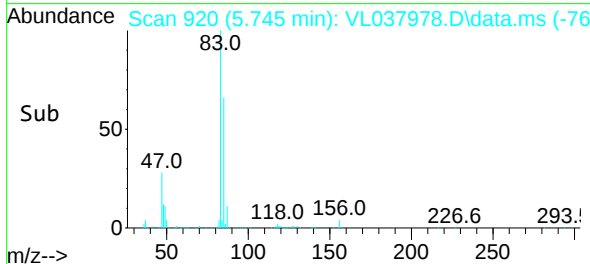
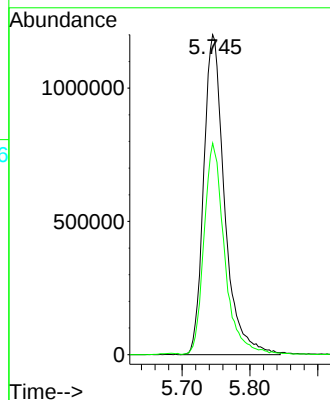
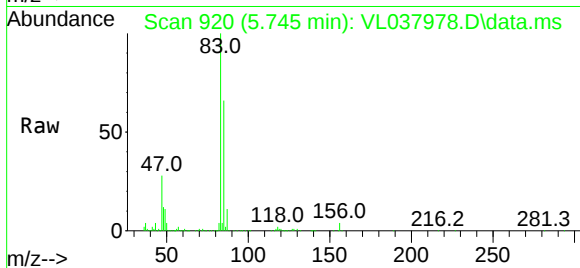
85 65.9 50.6 76.0

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#30

Cyclohexane

Concen: 9.625 ppbv

RT: 7.124 min Scan# 1349

Delta R.T. -0.003 min

Lab File: VL037978.D

Acq: 9 Nov 2021 10:01

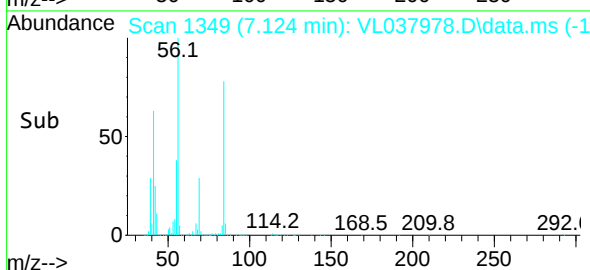
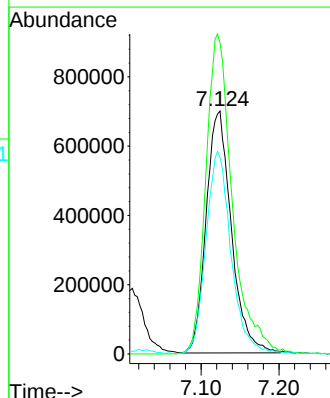
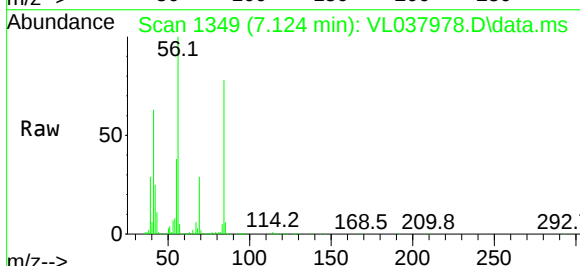
Tgt Ion: 84 Resp: 1569650

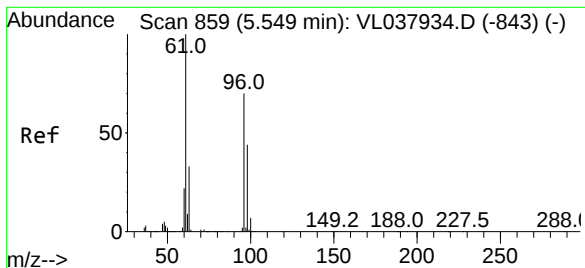
Ion Ratio Lower Upper

84 100

56 139.8 114.0 171.0

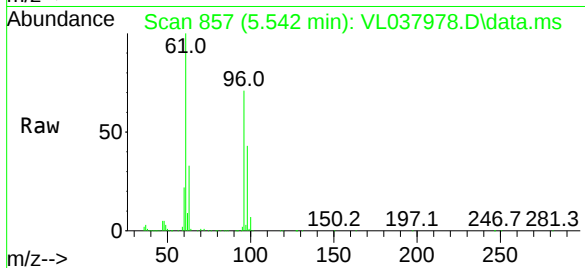
41 83.7 68.3 102.5





#31
 cis-1,2-Dichloroethene
 Concen: 9.793 ppbv
 RT: 5.542 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: VL037978.D
 Acq: 9 Nov 2021 10:01

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

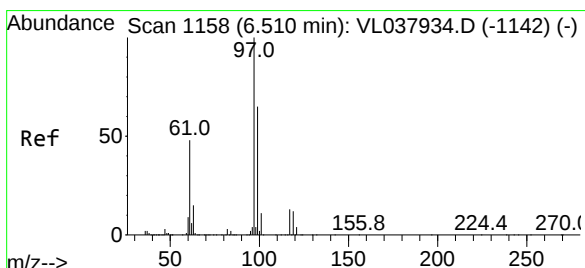
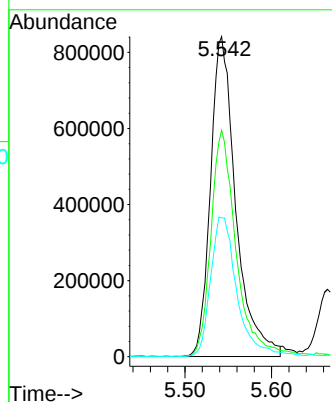
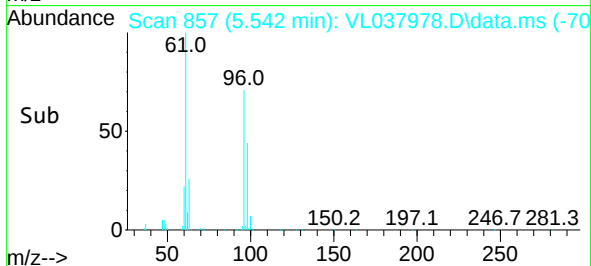


Tgt Ion: 61 Resp: 1704629

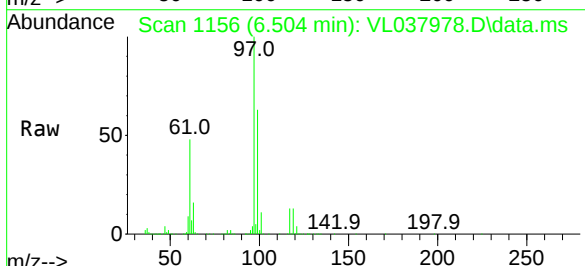
Ion	Ratio	Lower	Upper
61	100		
96	70.6	55.6	83.4
98	43.4	34.9	52.3

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 11/17/2021
 Supervised By :Mahesh Dadoda 11/17/2021

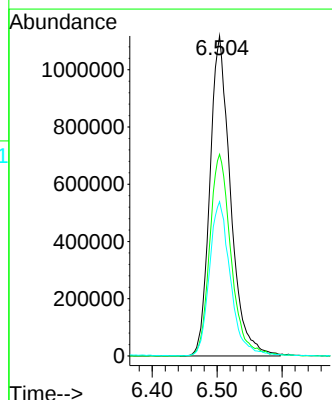
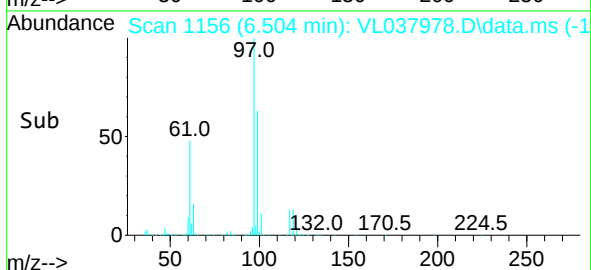


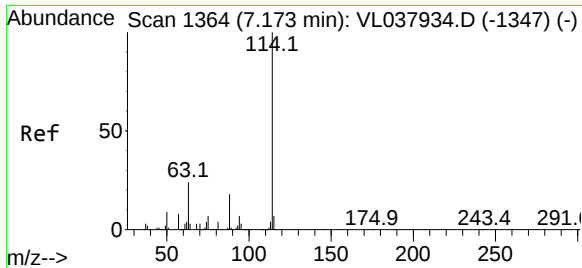
#32
 1,1,1-Trichloroethane
 Concen: 8.831 ppbv
 RT: 6.504 min Scan# 1156
 Delta R.T. -0.006 min
 Lab File: VL037978.D
 Acq: 9 Nov 2021 10:01



Tgt Ion: 97 Resp: 2469597

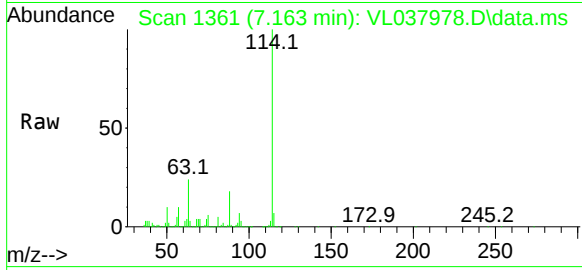
Ion	Ratio	Lower	Upper
97	100		
99	65.1	52.2	78.4
61	49.5	39.8	59.6





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.163 min Scan# 114
Delta R.T. -0.010 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

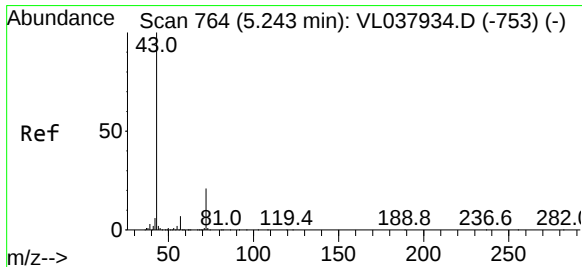
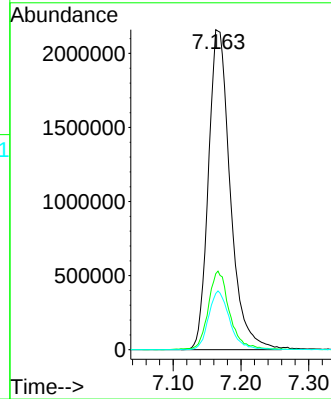
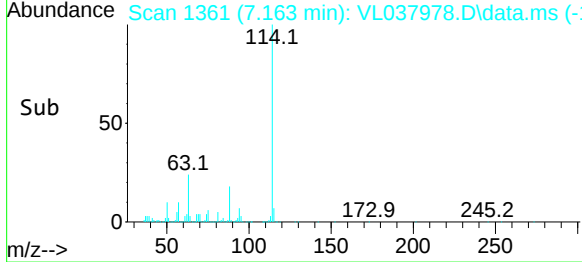
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



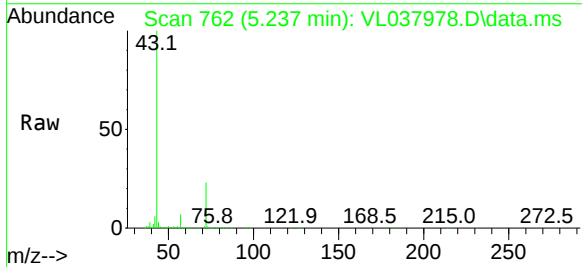
Tgt Ion:114 Resp: 483840
Ion Ratio Lower Upper
114 100
63 24.1 19.4 29.0
88 17.8 14.2 21.4

Manual Integrations
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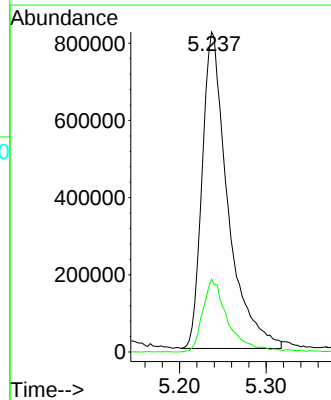
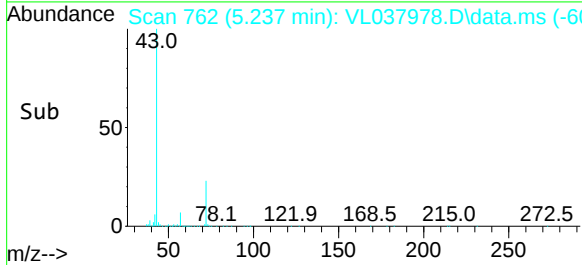
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

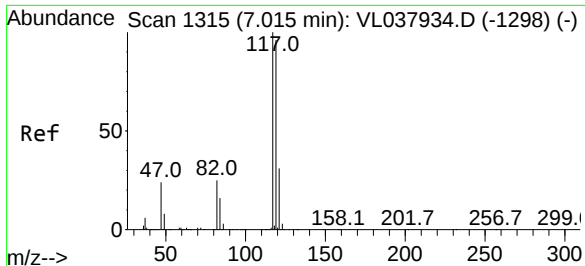


#34
2-Butanone
Concen: 9.410 ppbv
RT: 5.237 min Scan# 762
Delta R.T. -0.006 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01



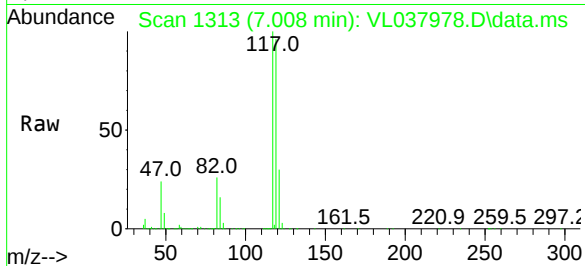
Tgt Ion: 43 Resp: 1687062
Ion Ratio Lower Upper
43 100
72 23.0 18.3 27.5





#35
Carbon Tetrachloride
Concen: 8.643 ppbv
RT: 7.008 min Scan# 11
Delta R.T. -0.006 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

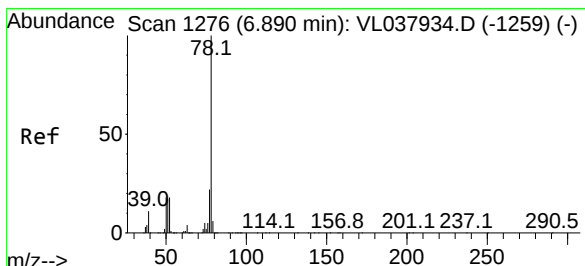
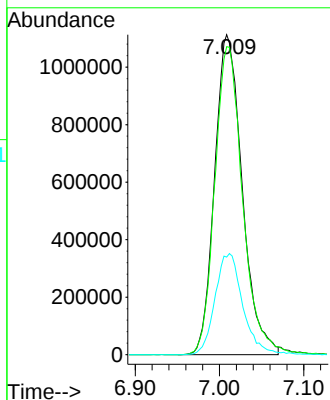
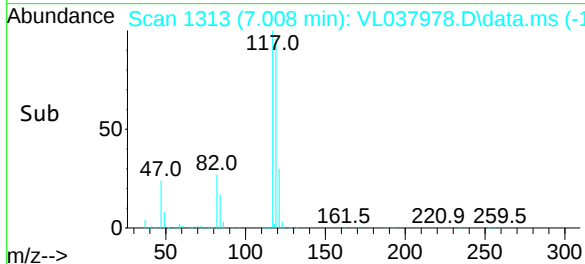
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



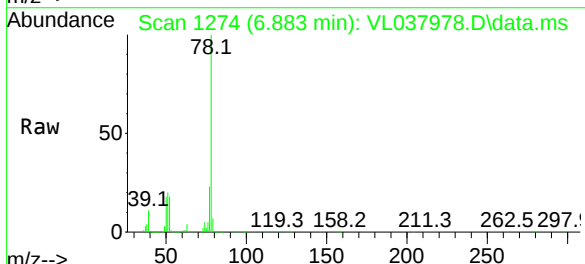
Tgt Ion: 117 Resp: 2528220
Ion Ratio Lower Upper
117 100
119 96.2 76.6 114.8
121 30.5 25.1 37.7

Manual Integrations
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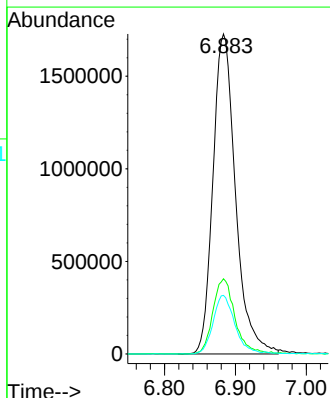
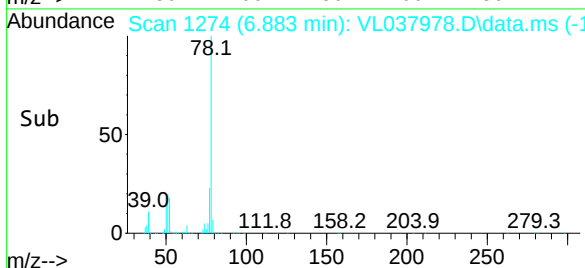
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

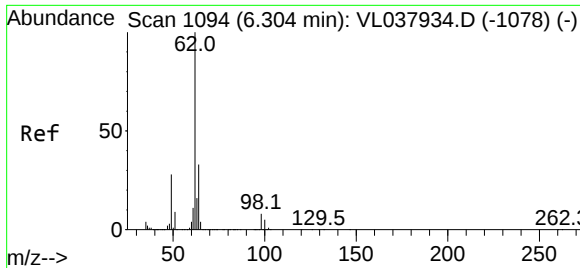


#36
Benzene
Concen: 9.698 ppbv
RT: 6.883 min Scan# 1274
Delta R.T. -0.006 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01



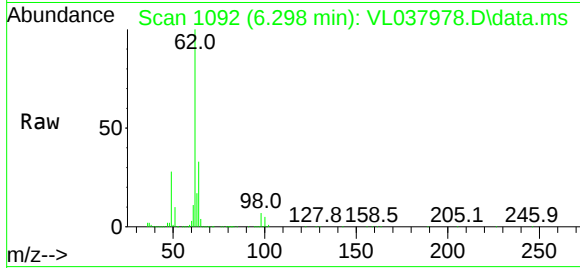
Tgt Ion: 78 Resp: 3821195
Ion Ratio Lower Upper
78 100
77 23.5 17.9 26.9
50 18.3 14.4 21.6





#37
1,2-Dichloroethane
Concen: 9.582 ppbv
RT: 6.298 min Scan# 1094
Delta R.T. -0.006 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

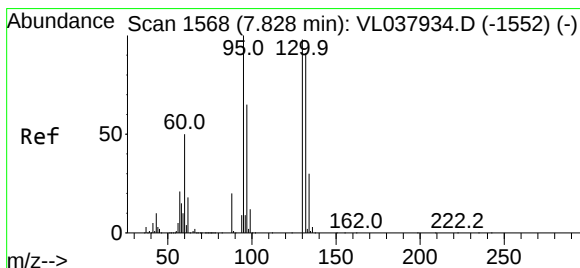
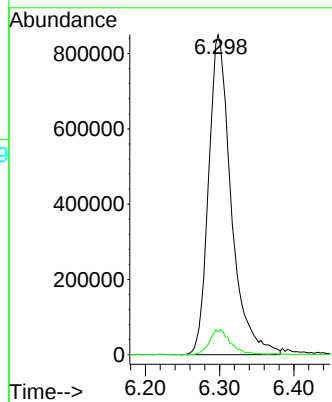
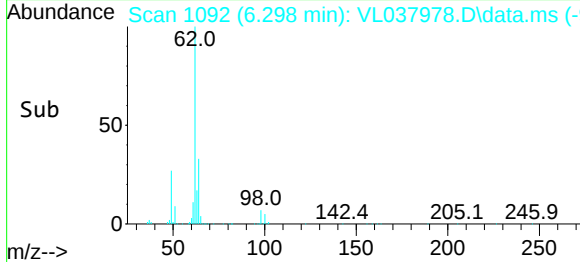
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 62 Resp: 179490
Ion Ratio Lower Upper
62 100
98 7.4 6.5 9.7

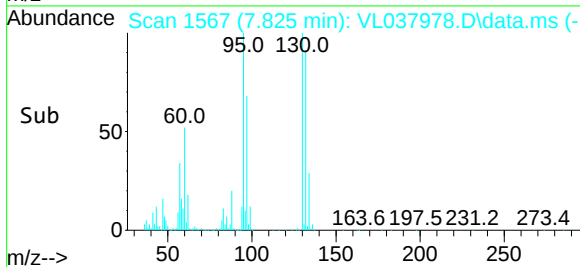
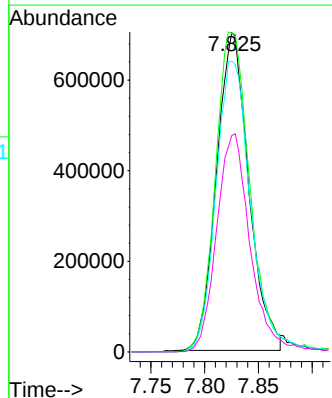
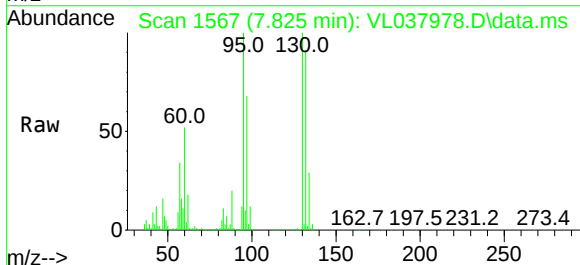
Manual Integrations
APPROVED

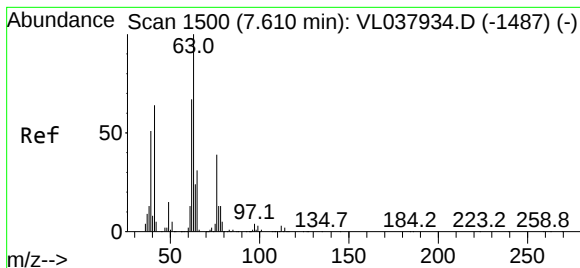
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#38
Trichloroethene
Concen: 8.916 ppbv
RT: 7.825 min Scan# 1567
Delta R.T. -0.003 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

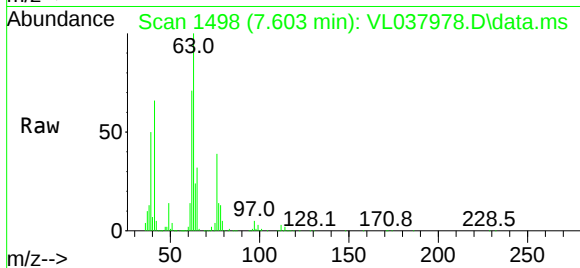
Tgt Ion:130 Resp: 1458174
Ion Ratio Lower Upper
130 100
95 100.1 81.8 122.8
132 91.4 74.2 111.2
97 67.9 53.4 80.2





#39
1,2-Dichloropropane
Concen: 9.661 ppbv
RT: 7.603 min Scan# 1498
Delta R.T. -0.006 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

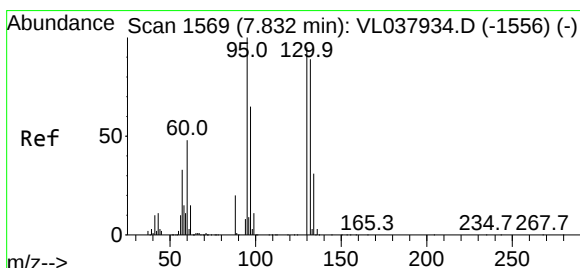
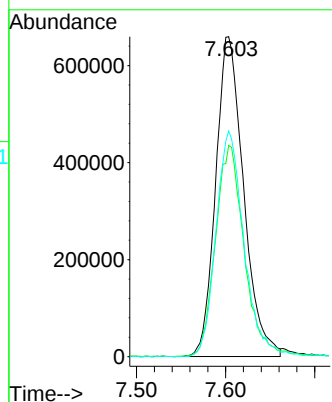
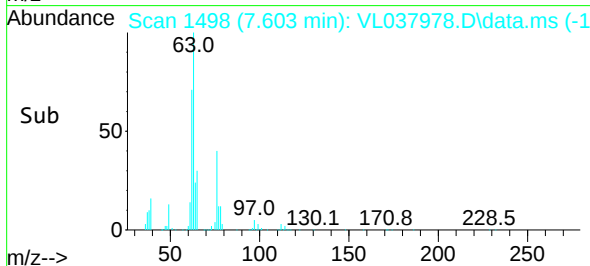
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 63 Resp: 143226
Ion Ratio Lower Upper
63 100
41 65.9 51.6 77.4
62 70.5 53.5 80.3

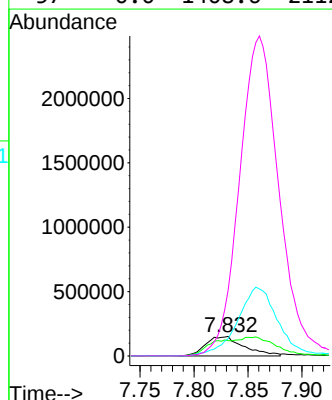
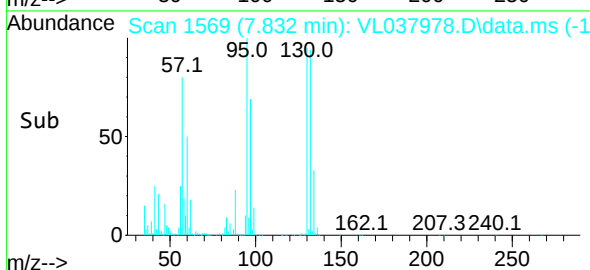
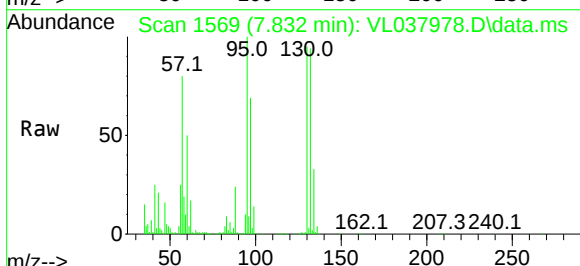
Manual Integrations
APPROVED

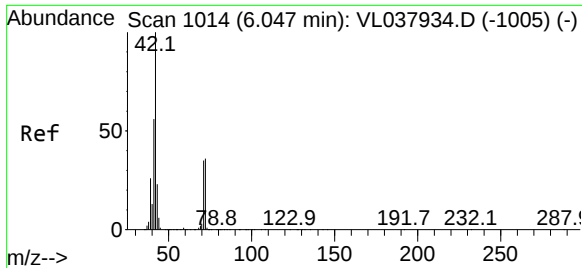
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#40
1,4-Dioxane
Concen: 9.585 ppbv m
RT: 7.832 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

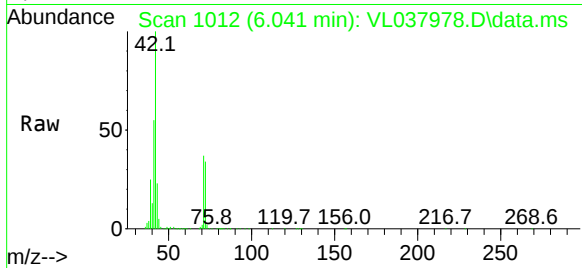
Tgt Ion: 88 Resp: 374242
Ion Ratio Lower Upper
88 100
58 0.0 129.1 193.7#
43 0.0 313.2 469.8#
57 0.0 1408.6 2112.8#





#41
Tetrahydrofuran
Concen: 10.489 ppbv
RT: 6.041 min Scan# 1014
Delta R.T. -0.006 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

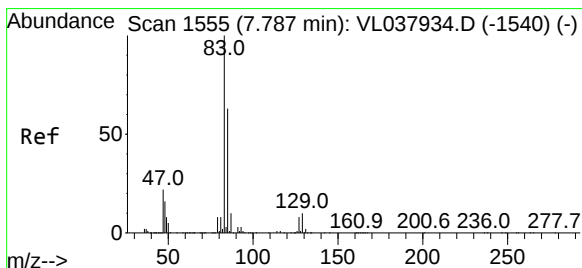
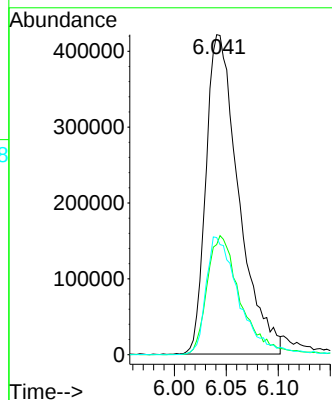
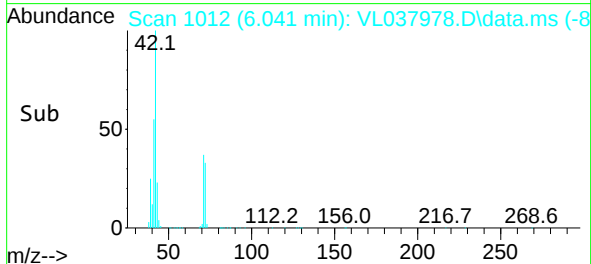
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 920098
Ion Ratio Lower Upper
42 100
72 39.0 31.5 47.3
71 37.6 30.5 45.7

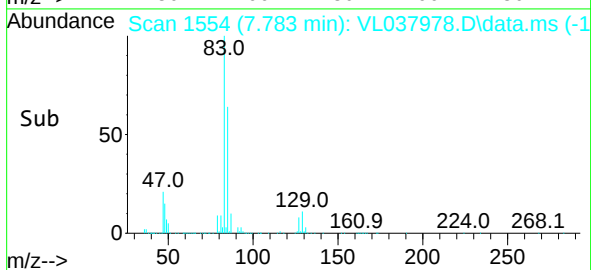
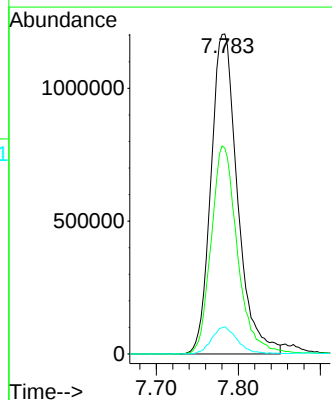
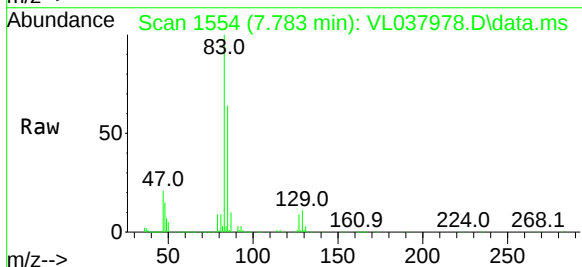
Manual Integrations
APPROVED

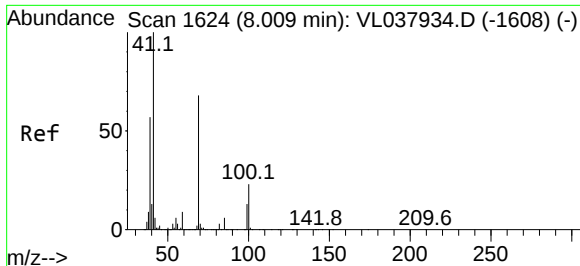
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#42
Bromodichloromethane
Concen: 9.583 ppbv
RT: 7.783 min Scan# 1554
Delta R.T. -0.003 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

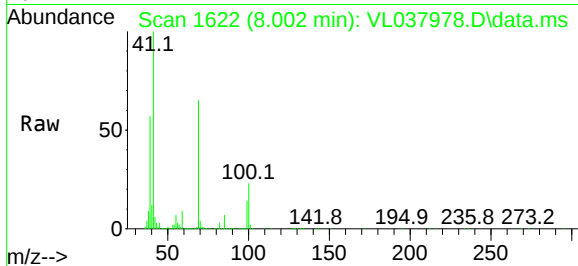
Tgt Ion: 83 Resp: 2713976
Ion Ratio Lower Upper
83 100
85 64.3 50.1 75.1
127 8.5 6.1 9.1





#43
Methyl Methacrylate
Concen: 10.620 ppbv
RT: 8.002 min Scan# 1
Delta R.T. -0.006 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

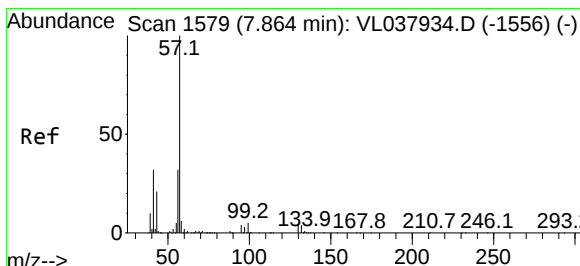
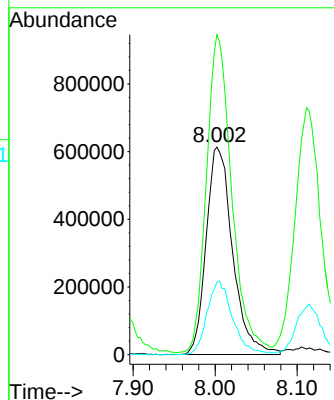


Tgt Ion: 69 Resp: 137344

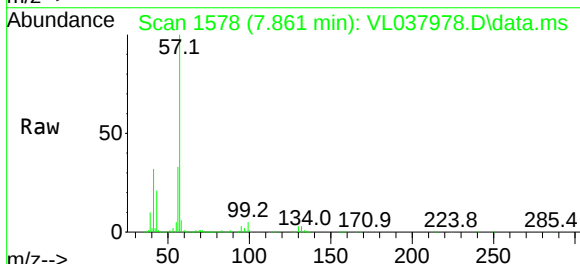
Ion	Ratio	Lower	Upper
69	100		
41	148.1	117.4	176.2
100	34.6	27.8	41.6

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

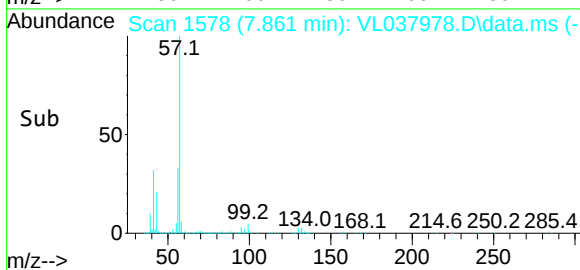
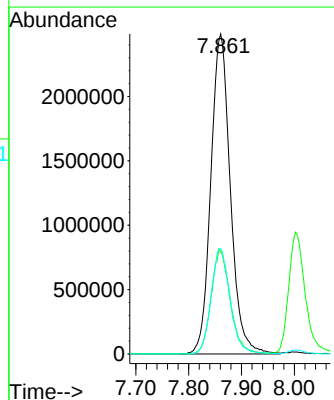


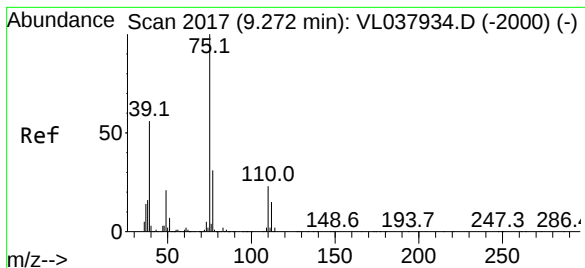
#44
2,2,4-Trimethylpentane
Concen: 9.509 ppbv
RT: 7.861 min Scan# 1578
Delta R.T. -0.003 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01



Tgt Ion: 57 Resp: 6372600

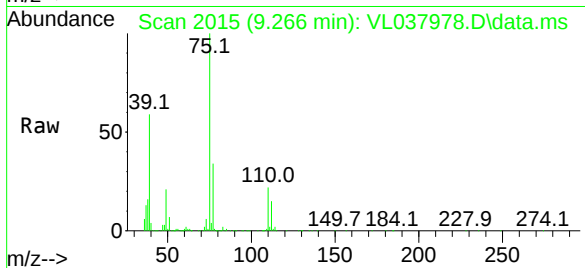
Ion	Ratio	Lower	Upper
57	100		
41	31.9	25.8	38.8
56	32.2	25.9	38.9





#45
t-1,3-Dichloropropene
Concen: 11.703 ppbv
RT: 9.266 min Scan# 2017
Delta R.T. -0.006 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

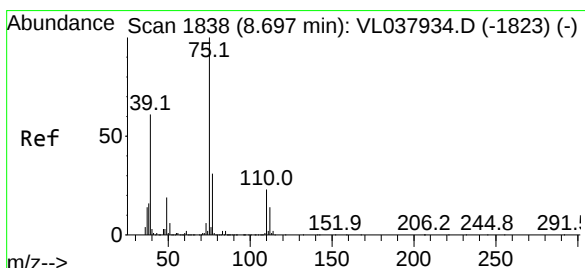
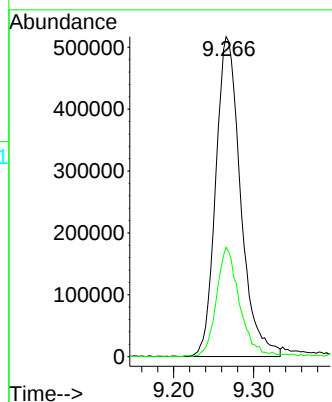
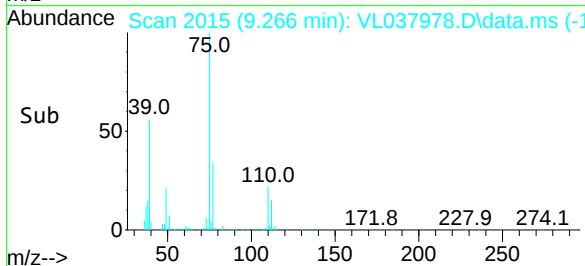
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



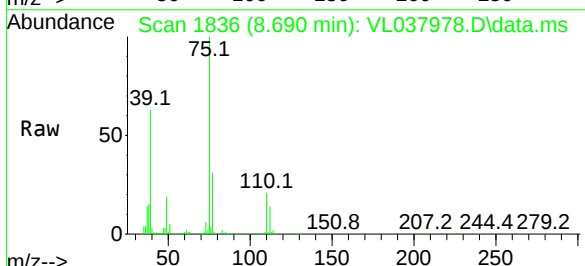
Tgt Ion: 75 Resp: 1112138
Ion Ratio Lower Upper
75 100
77 34.2 25.2 37.8

Manual Integrations
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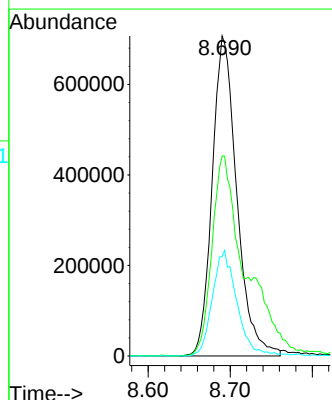
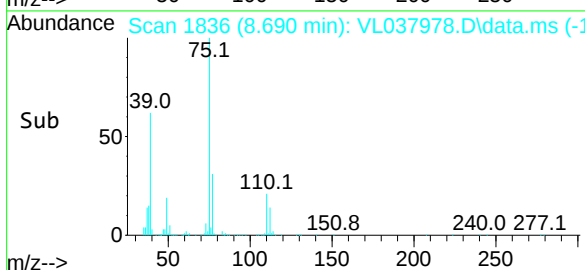
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

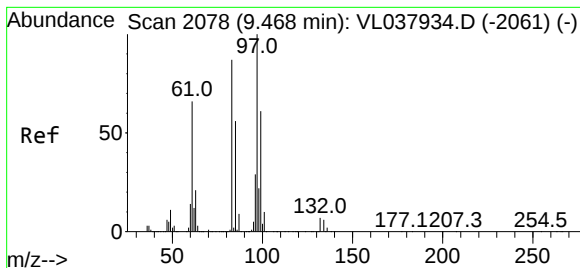


#46
cis-1,3-Dichloropropene
Concen: 11.289 ppbv
RT: 8.690 min Scan# 1836
Delta R.T. -0.007 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01



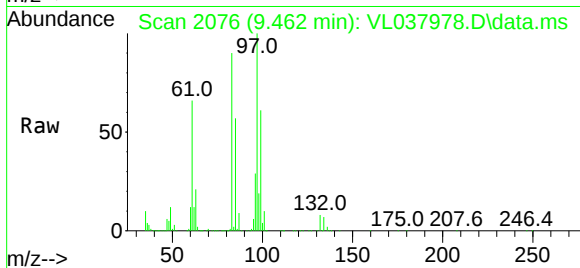
Tgt Ion: 75 Resp: 1474965
Ion Ratio Lower Upper
75 100
39 62.4 48.8 73.2
77 31.0 24.6 36.8





#47
1,1,2-Trichloroethane
Concen: 9.003 ppbv
RT: 9.462 min Scan# 2078
Delta R.T. -0.006 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

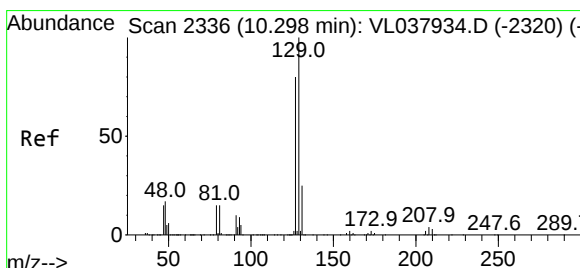
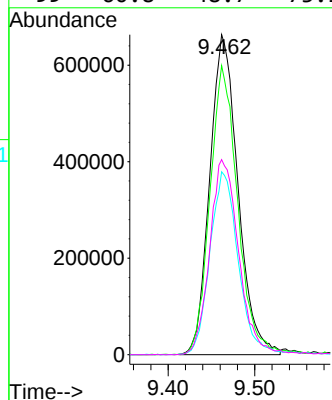
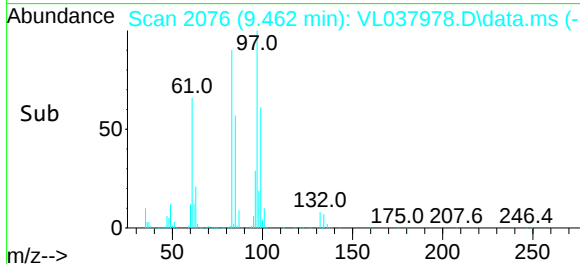
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



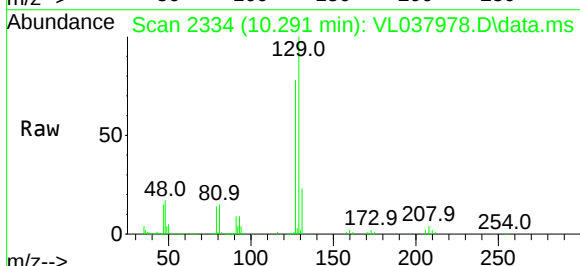
Tgt Ion: 97 Resp: 1499719
Ion Ratio Lower Upper
97 100
83 90.1 69.4 104.2
85 57.0 45.0 67.6
99 60.8 48.7 73.1

Manual Integrations
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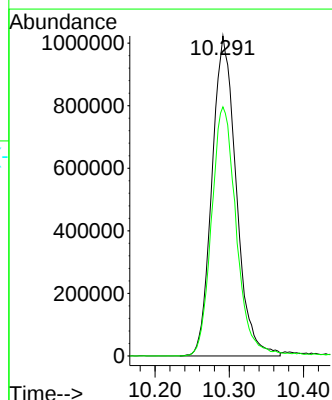
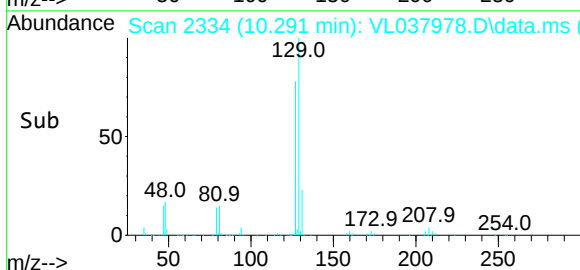
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

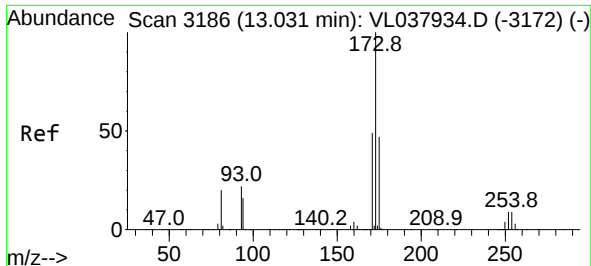


#48
Dibromochloromethane
Concen: 9.841 ppbv
RT: 10.291 min Scan# 2334
Delta R.T. -0.006 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01



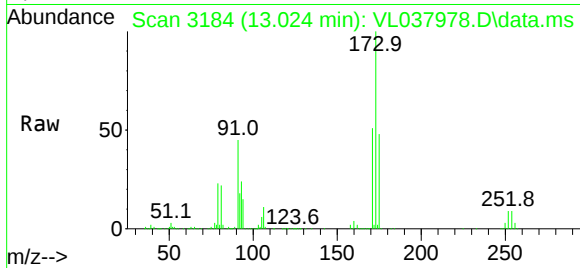
Tgt Ion:129 Resp: 2320886
Ion Ratio Lower Upper
129 100
127 80.6 40.3 120.9





#49
Bromoform
Concen: 9.667 ppbv
RT: 13.024 min Scan# 3186
Delta R.T. -0.007 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

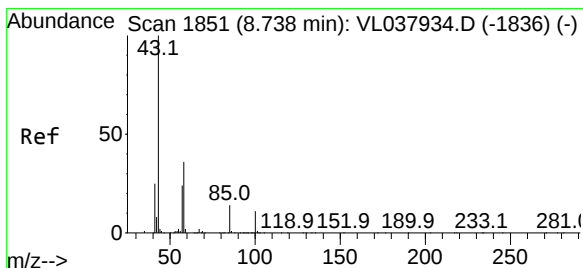
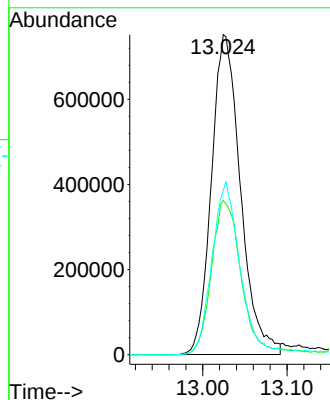
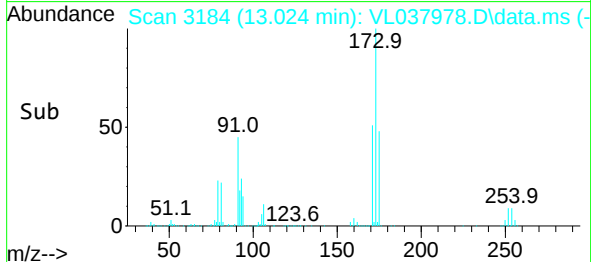
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



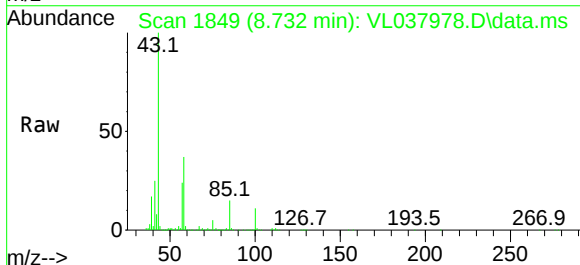
Tgt Ion: 173 Resp: 1802092
Ion Ratio Lower Upper
173 100
175 50.2 39.5 59.3
171 53.8 43.6 65.4

Manual Integrations
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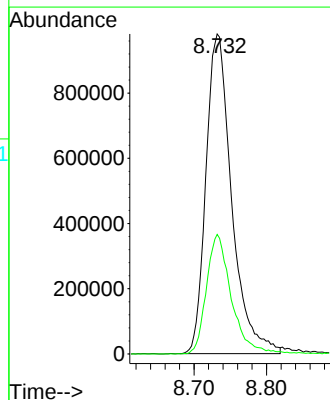
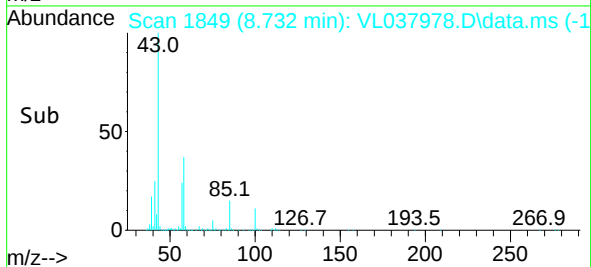
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

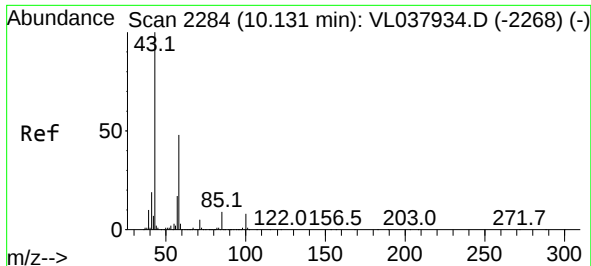


#50
4-Methyl-2-Pentanone
Concen: 10.266 ppbv
RT: 8.732 min Scan# 1849
Delta R.T. -0.007 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01



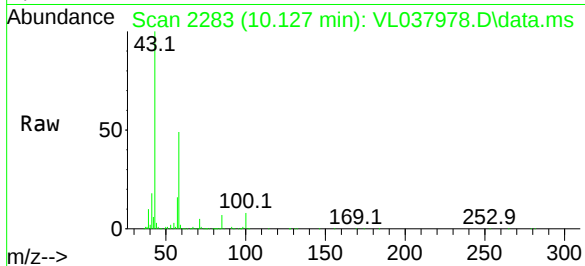
Tgt Ion: 43 Resp: 2418309
Ion Ratio Lower Upper
43 100
58 36.5 28.8 43.2





#51
2-Hexanone
Concen: 10.786 ppbv
RT: 10.127 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

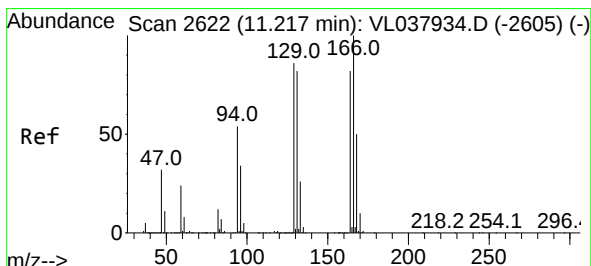
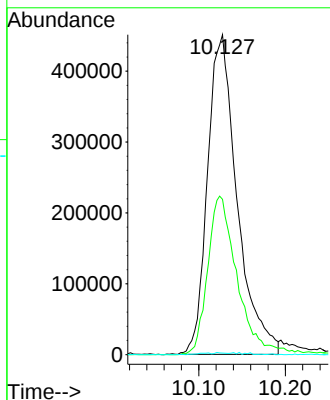
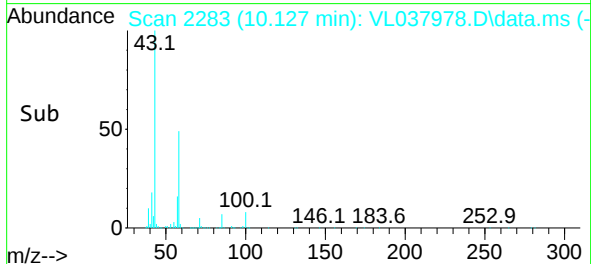
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



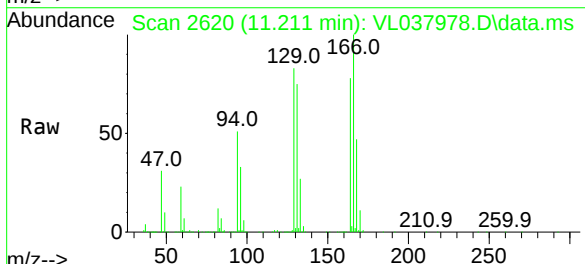
Tgt Ion: 43 Resp: 107084
Ion Ratio Lower Upper
43 100
58 50.4 38.6 57.8
98 0.8 1.0 1.4

Manual Integrations
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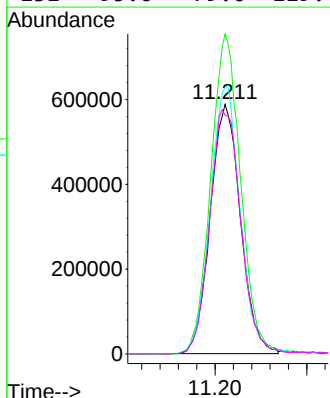
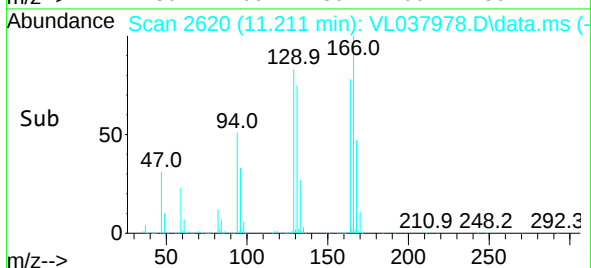
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

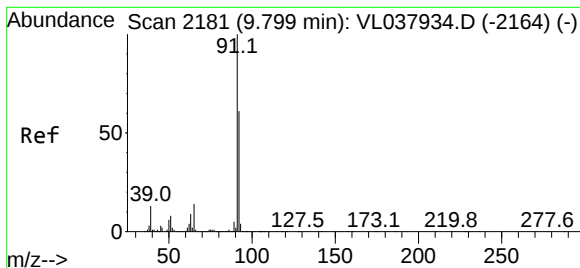


#52
Tetrachloroethene
Concen: 8.995 ppbv
RT: 11.211 min Scan# 2620
Delta R.T. -0.006 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01



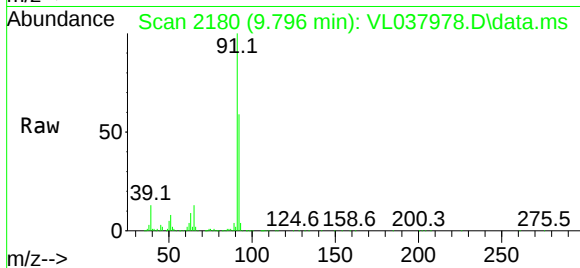
Tgt Ion:164 Resp: 1344517
Ion Ratio Lower Upper
164 100
166 128.1 97.6 146.4
129 106.6 84.2 126.2
131 95.6 79.6 119.4





#53
Toluene
Concen: 10.137 ppbv
RT: 9.796 min Scan# 2181
Delta R.T. -0.003 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

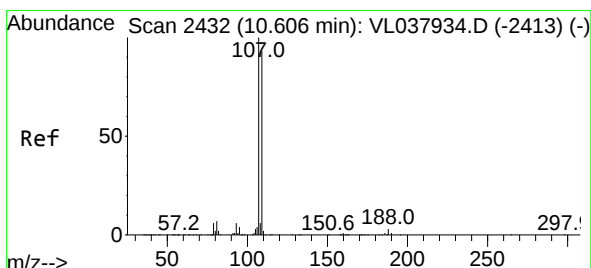
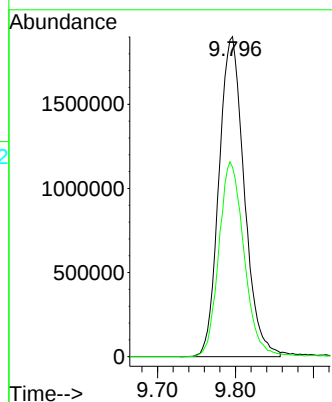
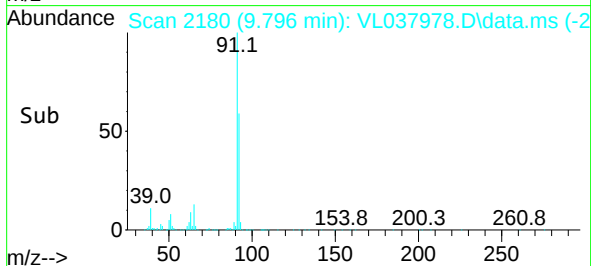
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



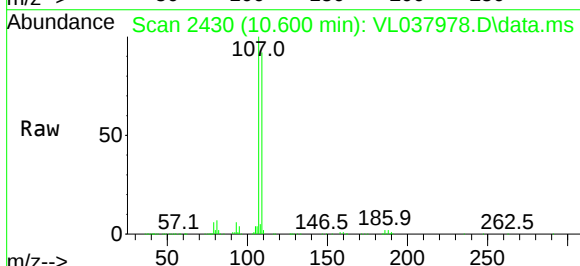
Tgt Ion: 91 Resp: 4281834
Ion Ratio Lower Upper
91 100
92 61.3 48.2 72.4

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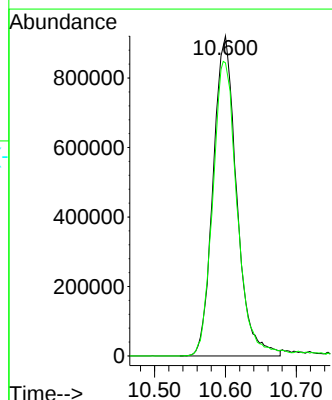
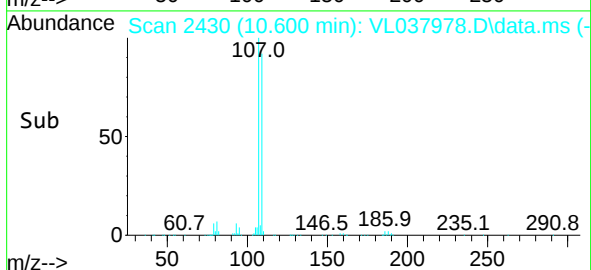
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

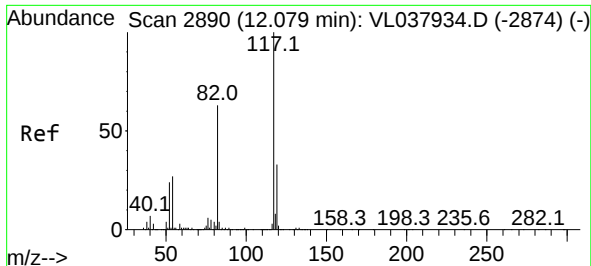


#54
1,2-Dibromoethane
Concen: 9.877 ppbv
RT: 10.600 min Scan# 2430
Delta R.T. -0.006 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01



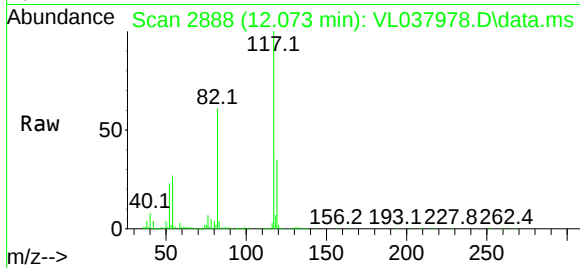
Tgt Ion:107 Resp: 2121922
Ion Ratio Lower Upper
107 100
109 91.6 74.5 111.7





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.073 min Scan# 2888
Delta R.T. -0.007 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

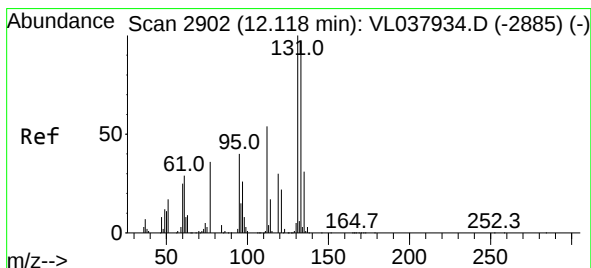
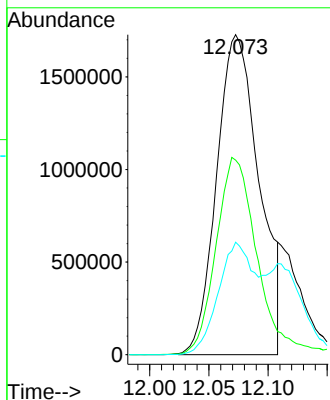
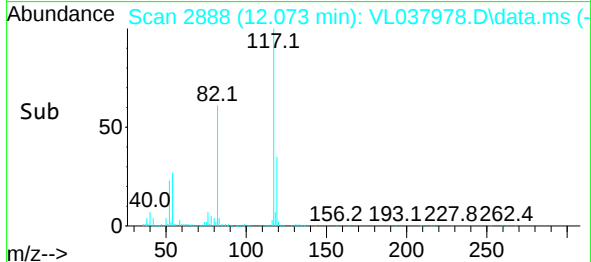
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



Tgt Ion:117 Resp: 4321252
Ion Ratio Lower Upper
117 100
82 62.2 51.0 76.6
119 56.4 26.9 40.3

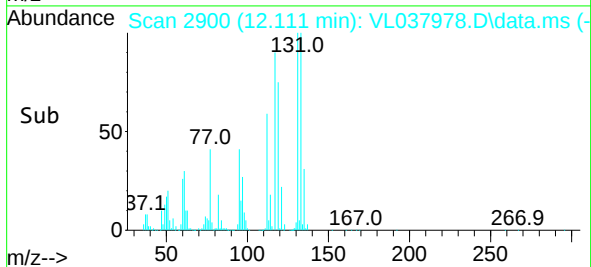
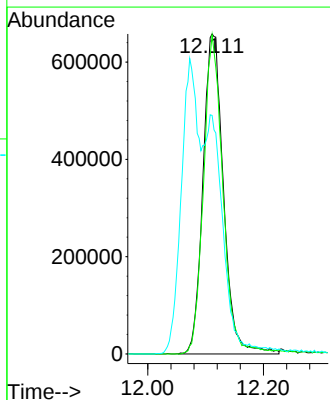
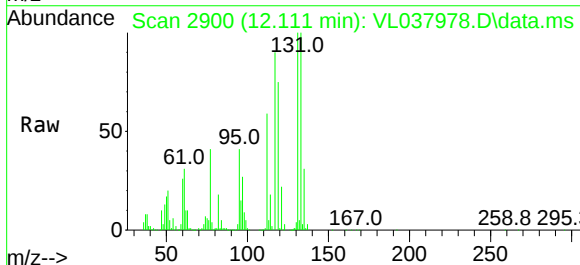
Manual Integrations
APPROVED

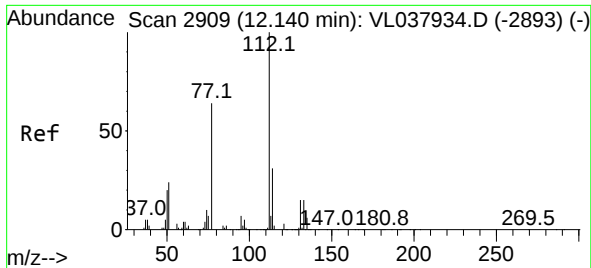
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#56
1,1,1,2-Tetrachloroethane
Concen: 9.273 ppbv m
RT: 12.111 min Scan# 2900
Delta R.T. -0.007 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

Tgt Ion:131 Resp: 1617833
Ion Ratio Lower Upper
131 100
133 95.2 79.6 119.4
119 150.7 125.4 188.2





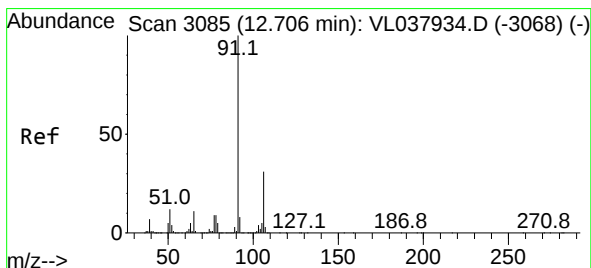
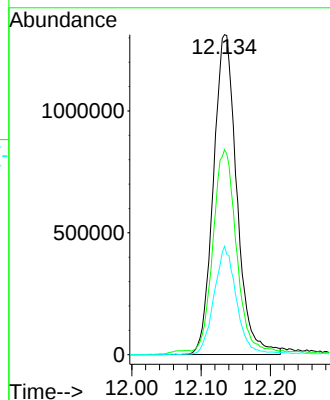
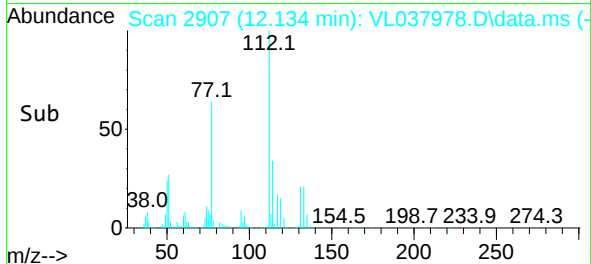
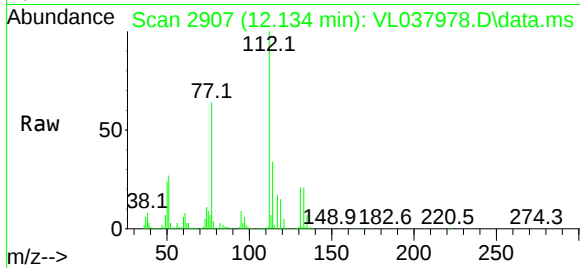
#57
Chlorobenzene
Concen: 8.917 ppbv
RT: 12.134 min Scan# 2907
Delta R.T. -0.006 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

Instrument : MSVOA_L
ClientSampleId : VSTDCCC010

Tgt Ion:112 Resp: 3075610
Ion Ratio Lower Upper
112 100
77 63.0 51.1 76.7
114 33.9 27.9 34.1

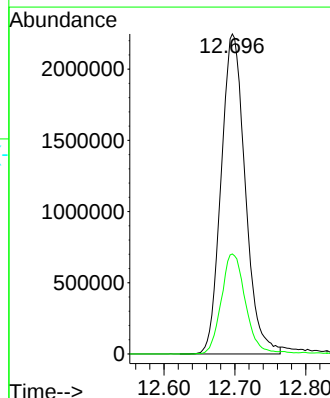
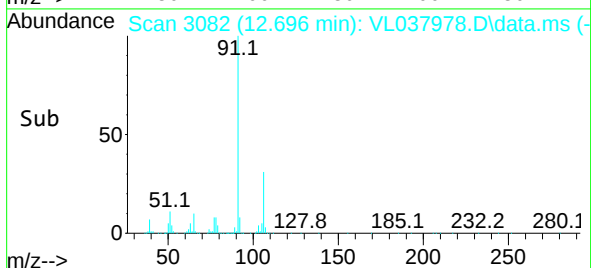
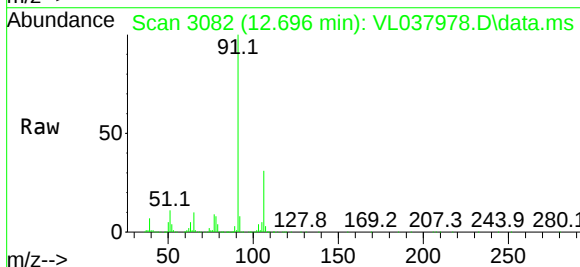
Manual Integrations
APPROVED

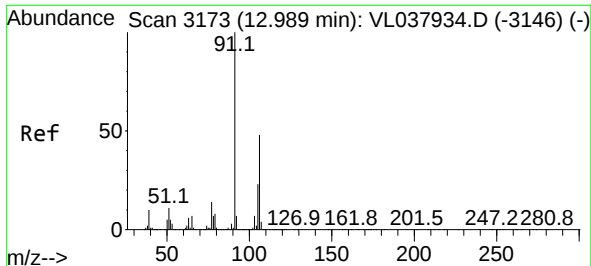
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#58
Ethyl Benzene
Concen: 10.037 ppbv
RT: 12.696 min Scan# 3082
Delta R.T. -0.010 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

Tgt Ion: 91 Resp: 5304225
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7





#59

m/p-Xylene

Concen: 18.841 ppbv m

RT: 12.986 min Scan# 3172

Delta R.T. -0.003 min

Lab File: VL037978.D

Acq: 9 Nov 2021 10:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 91 Resp: 884959

Ion Ratio Lower Upper

91 100

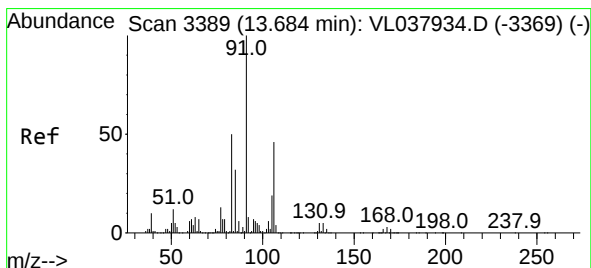
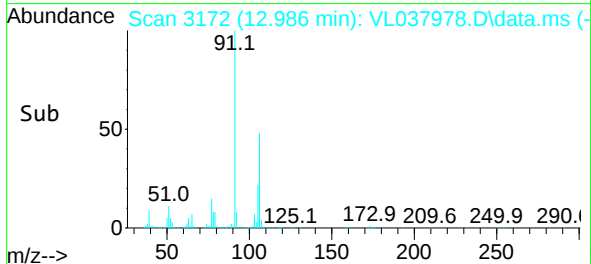
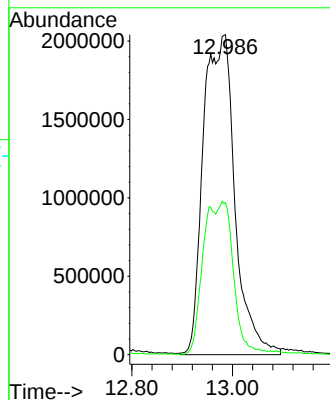
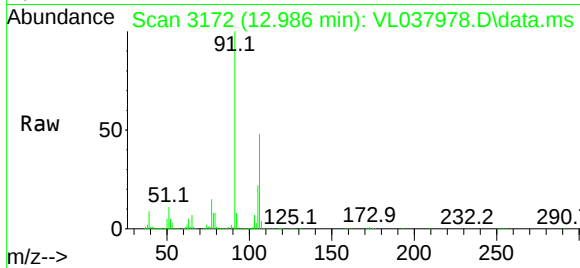
106 46.7 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#60

o-Xylene

Concen: 9.169 ppbv

RT: 13.680 min Scan# 3388

Delta R.T. -0.003 min

Lab File: VL037978.D

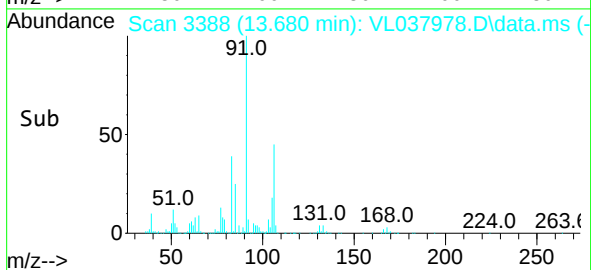
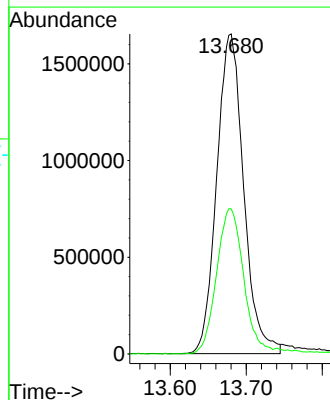
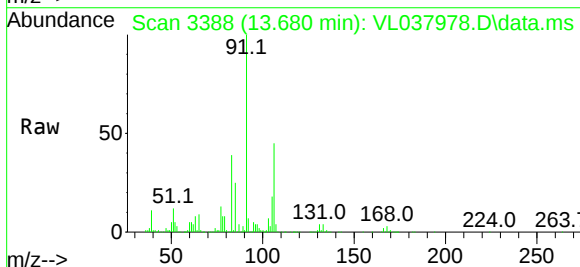
Acq: 9 Nov 2021 10:01

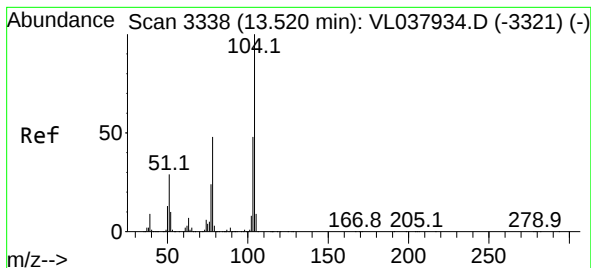
Tgt Ion: 91 Resp: 4060484

Ion Ratio Lower Upper

91 100

106 47.7 23.5 70.6





#61

Styrene

Concen: 11.181 ppbv

RT: 13.513 min Scan# 31

Delta R.T. -0.006 min

Lab File: VL037978.D

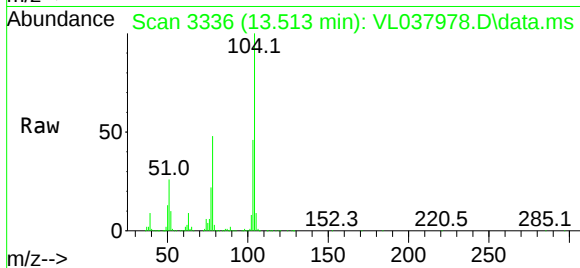
Acq: 9 Nov 2021 10:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:104 Resp: 2273979

Ion Ratio Lower Upper

104 100

78 49.1 39.3 58.9

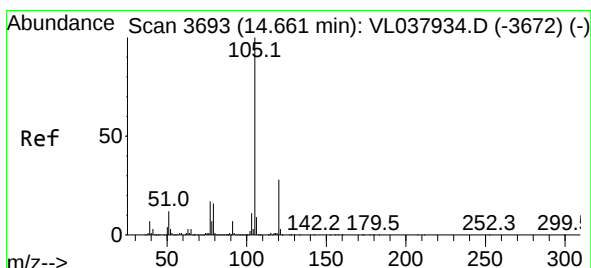
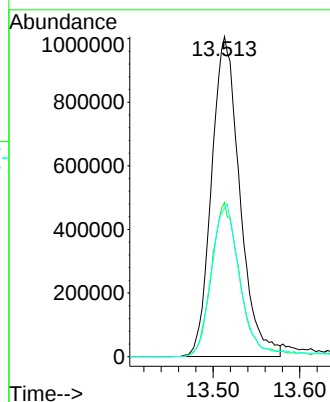
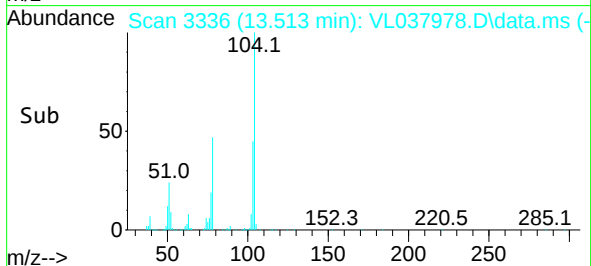
103 49.3 39.6 59.4

Manual Integrations

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#62

Isopropylbenzene

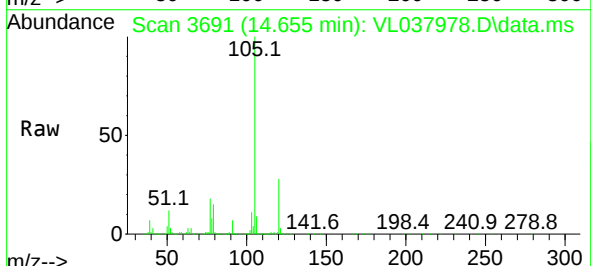
Concen: 8.987 ppbv

RT: 14.655 min Scan# 3691

Delta R.T. -0.006 min

Lab File: VL037978.D

Acq: 9 Nov 2021 10:01

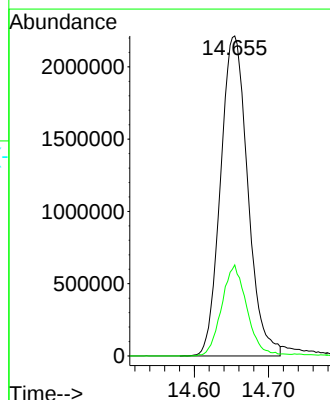
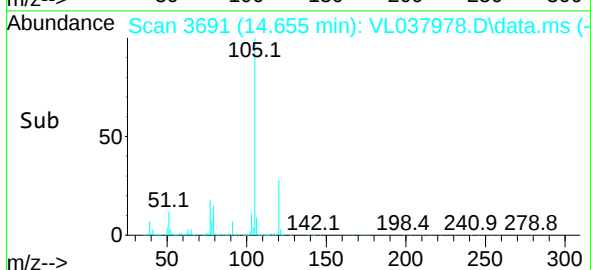


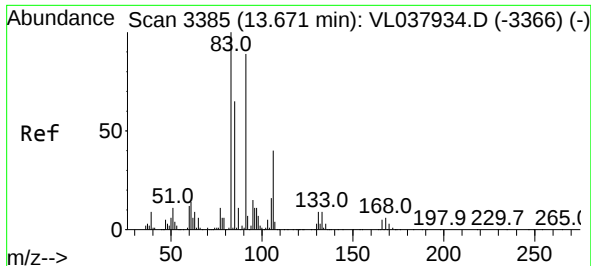
Tgt Ion:105 Resp: 5635487

Ion Ratio Lower Upper

105 100

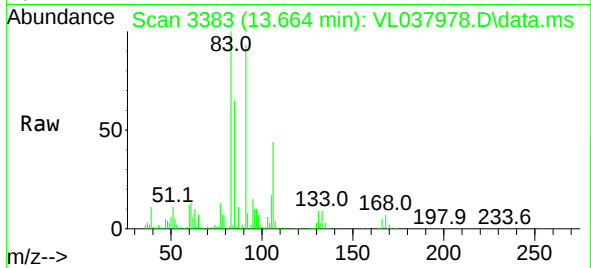
120 27.1 21.8 32.6





#63
1,1,2,2-Tetrachloroethane
Concen: 7.481 ppbv
RT: 13.664 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

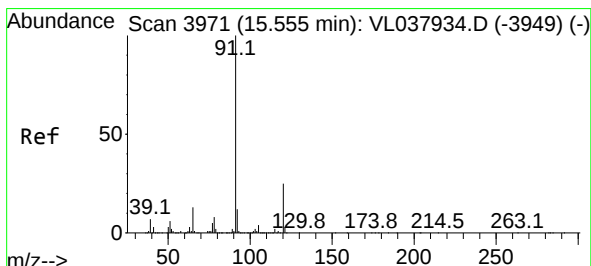
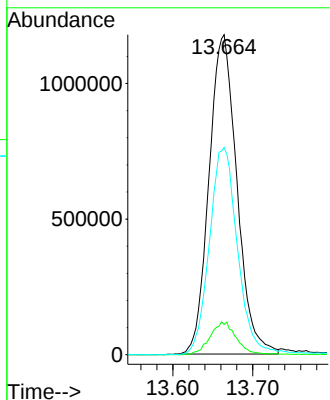
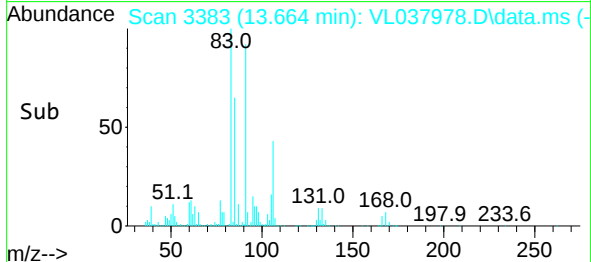
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 83 Resp: 2851470
Ion Ratio Lower Upper
83 100
131 9.8 4.8 14.4
85 66.5 32.5 97.5

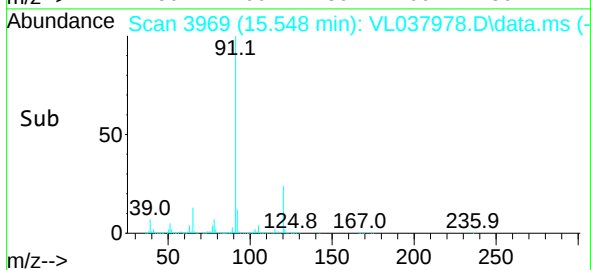
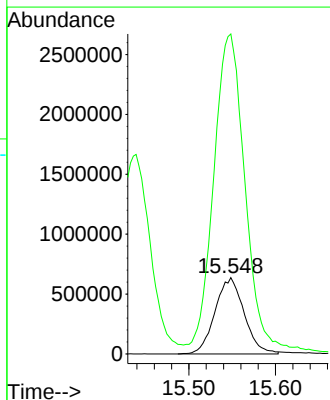
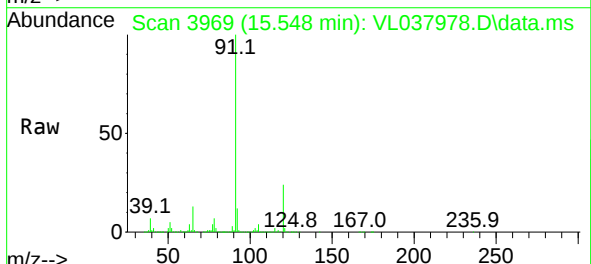
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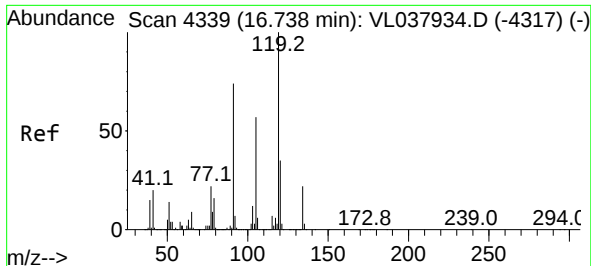
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#64
n-propylbenzene
Concen: 9.256 ppbv
RT: 15.548 min Scan# 3969
Delta R.T. -0.006 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

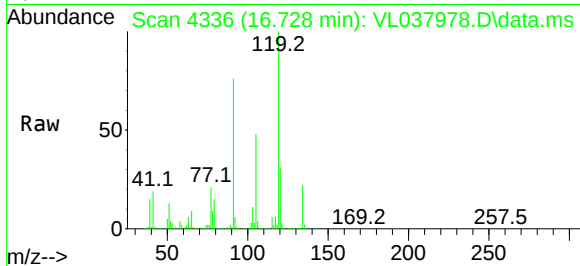
Tgt Ion:120 Resp: 1487221
Ion Ratio Lower Upper
120 100
91 461.7 363.3 544.9





#65
tert-Butylbenzene
Concen: 8.795 ppbv
RT: 16.728 min Scan# 411
Delta R.T. -0.010 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

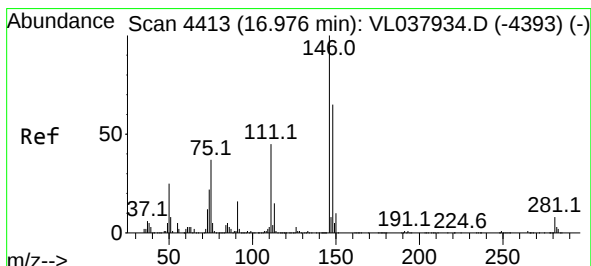
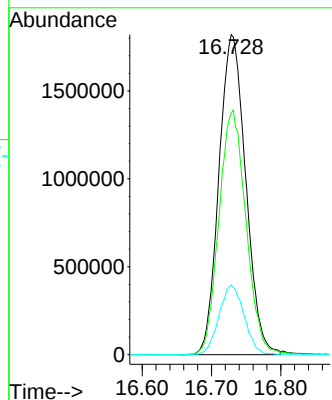
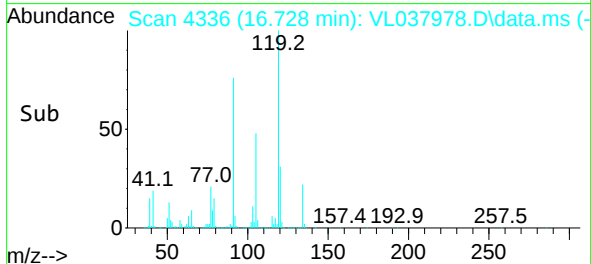
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



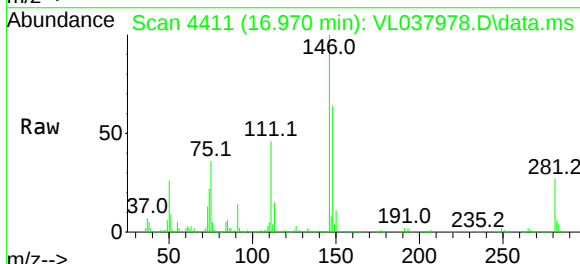
Tgt Ion: 119 Resp: 487365
Ion Ratio Lower Upper
119 100
91 77.4 61.8 92.6
134 20.6 16.6 25.0

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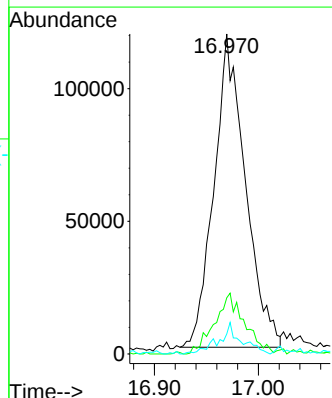
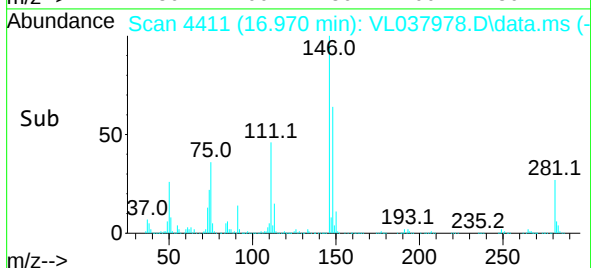
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

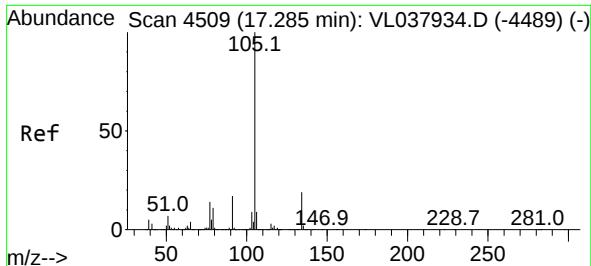


#66
Benzyl Chloride
Concen: 8.542 ppbv
RT: 16.970 min Scan# 4411
Delta R.T. -0.006 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01



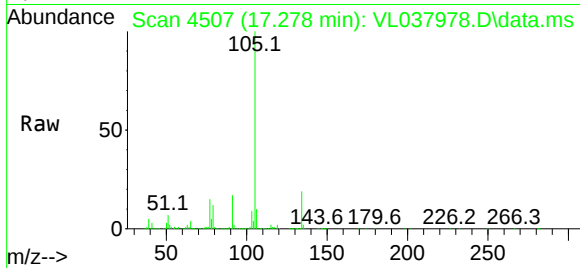
Tgt Ion: 91 Resp: 247343
Ion Ratio Lower Upper
91 100
126 19.0 13.8 20.6
128 8.4 5.1 7.7#





#67
 sec-Butylbenzene
 Concen: 8.779 ppbv
 RT: 17.278 min Scan# 4509
 Delta R.T. -0.006 min
 Lab File: VL037978.D
 Acq: 9 Nov 2021 10:01

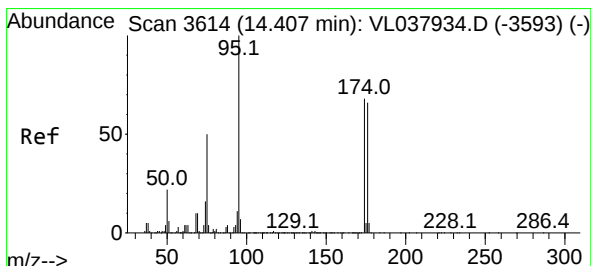
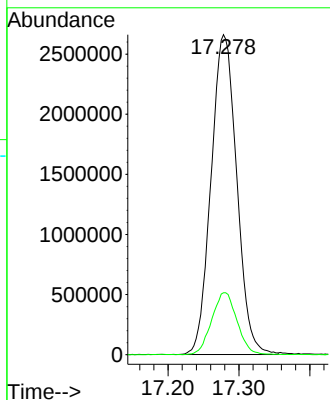
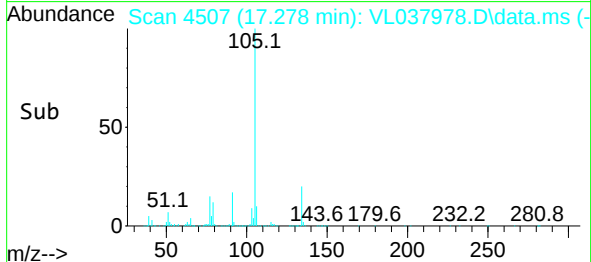
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



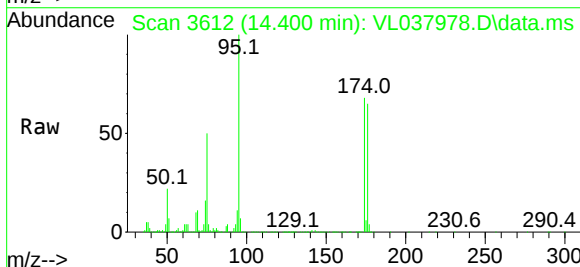
Tgt Ion: 105 Resp: 6702970
 Ion Ratio Lower Upper
 105 100
 134 19.2 15.4 23.0

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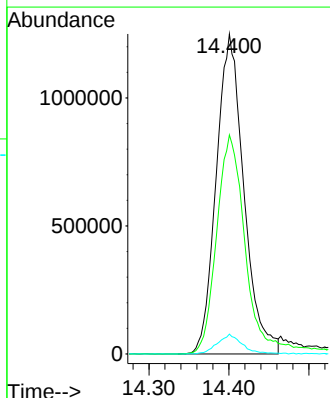
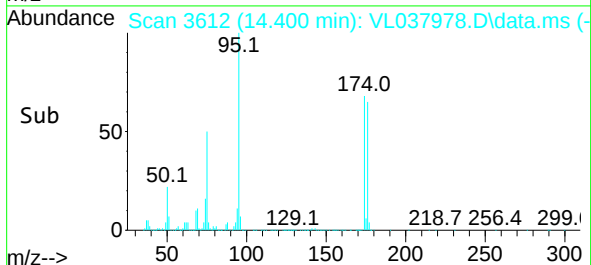
Reviewed By : Semsettin Yesilyurt 11/17/2021
 Supervised By : Mahesh Dadoda 11/17/2021

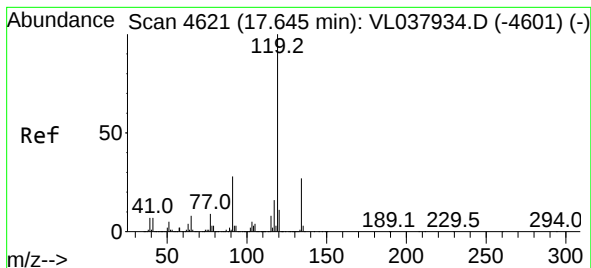


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.535 ppbv
 RT: 14.400 min Scan# 3612
 Delta R.T. -0.006 min
 Lab File: VL037978.D
 Acq: 9 Nov 2021 10:01



Tgt Ion: 95 Resp: 2995117
 Ion Ratio Lower Upper
 95 100
 174 73.4 58.3 87.5
 175 5.8 4.6 6.8





#69

p-Isopropyltoluene

Concen: 9.087 ppbv

RT: 17.638 min Scan# 4619

Delta R.T. -0.006 min

Lab File: VL037978.D

Acq: 9 Nov 2021 10:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 119 Resp: 5564798

Ion Ratio Lower Upper

119 100

134 26.6 21.0 31.4

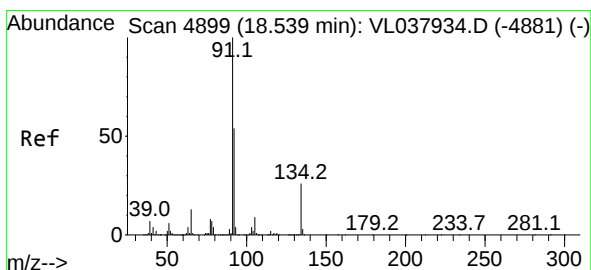
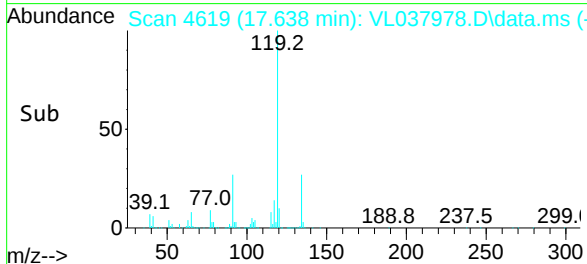
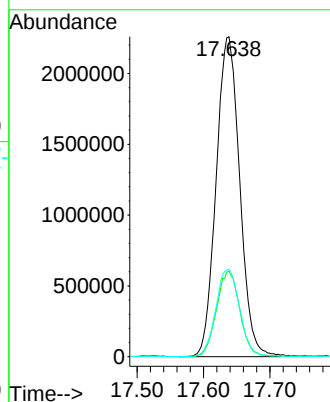
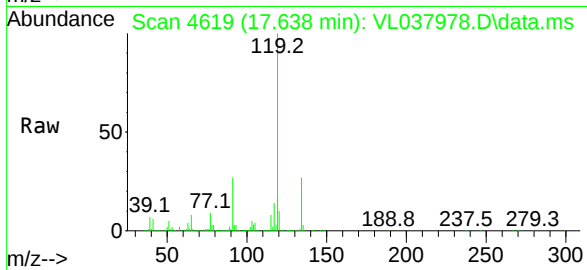
91 27.7 21.8 32.8

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Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#70

n-Butylbenzene

Concen: 9.553 ppbv

RT: 18.535 min Scan# 4898

Delta R.T. -0.003 min

Lab File: VL037978.D

Acq: 9 Nov 2021 10:01

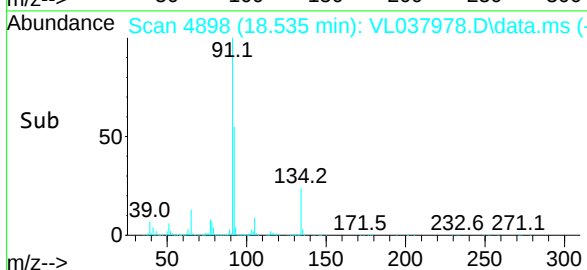
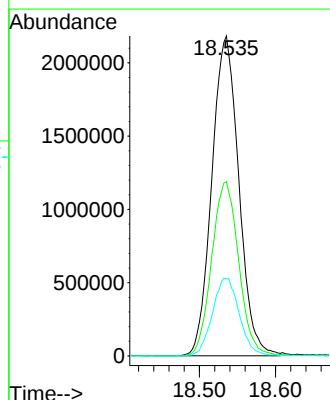
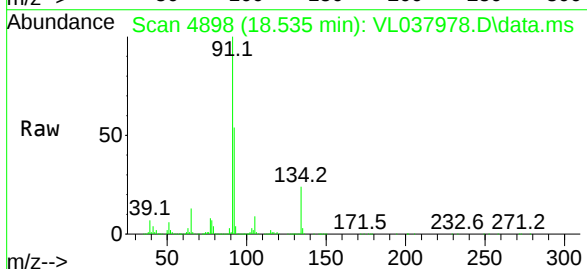
Tgt Ion: 91 Resp: 5375883

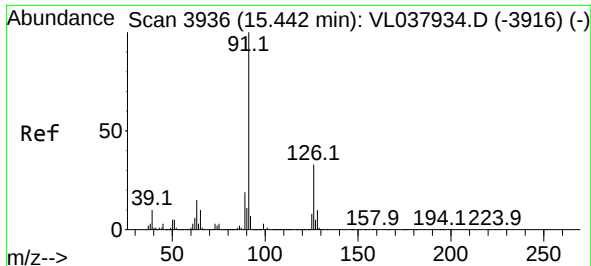
Ion Ratio Lower Upper

91 100

92 54.8 43.6 65.4

134 24.4 19.8 29.6





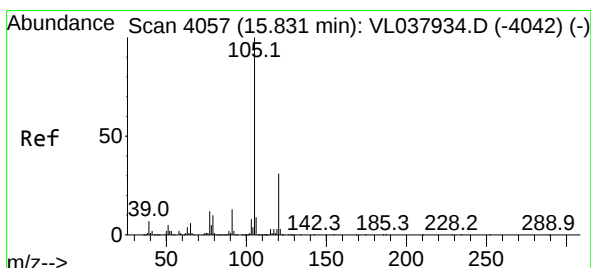
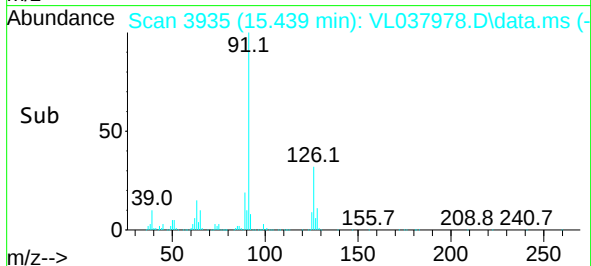
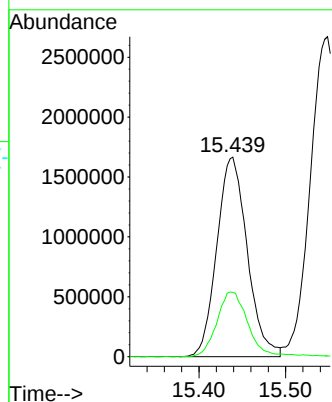
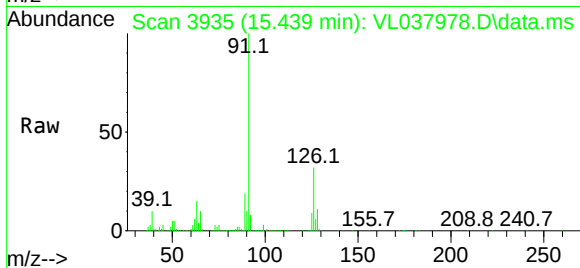
#71
2-Chlorotoluene
Concen: 9.238 ppbv
RT: 15.439 min Scan# 3916
Delta R.T. -0.003 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 405834
Ion Ratio Lower Upper
91 100
126 33.8 13.3 53.3

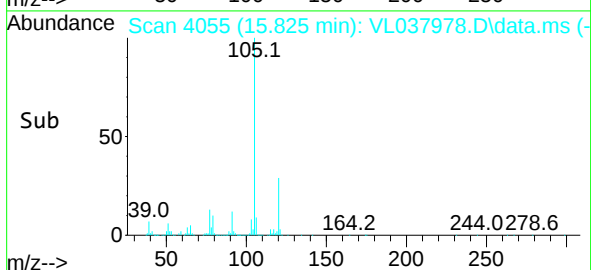
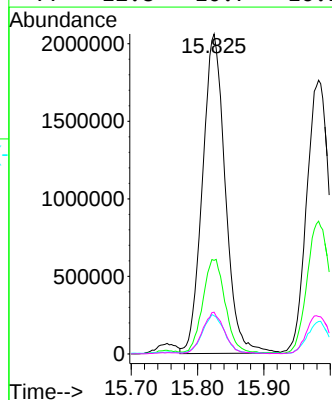
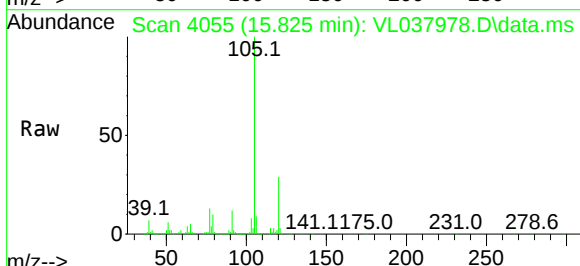
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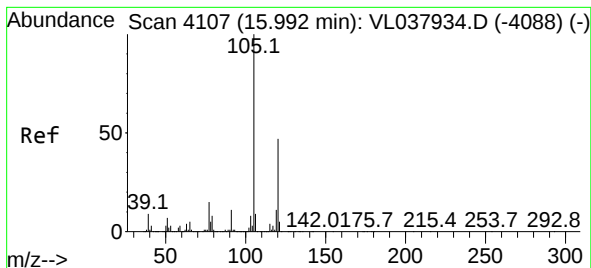
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021



#72
4-Ethyltoluene
Concen: 9.689 ppbv
RT: 15.825 min Scan# 4055
Delta R.T. -0.006 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

Tgt Ion:105 Resp: 4915659
Ion Ratio Lower Upper
105 100
120 29.7 25.3 37.9
91 12.0 9.9 14.9
77 12.8 10.7 16.1





#73

1,3,5-Trimethylbenzene

Concen: 9.018 ppbv

RT: 15.982 min Scan# 4107

Delta R.T. -0.010 min

Lab File: VL037978.D

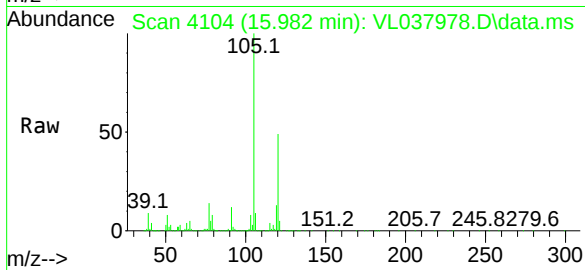
Acq: 9 Nov 2021 10:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:105 Resp: 4284598

Ion Ratio Lower Upper

105 100

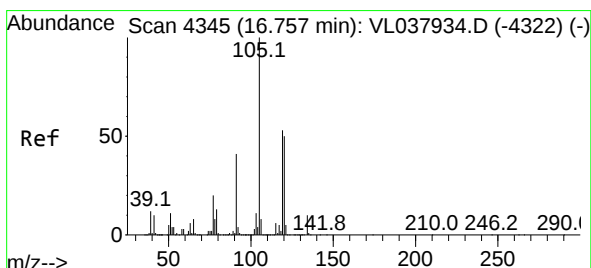
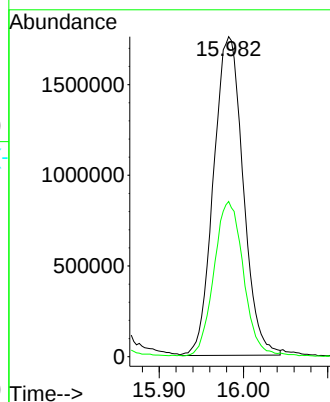
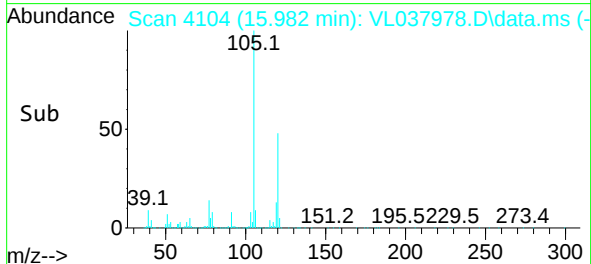
120 48.4 37.9 56.9

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Supervised By :Mahesh Dadoda 11/17/2021



#74

1,2,4-Trimethylbenzene

Concen: 8.772 ppbv

RT: 16.751 min Scan# 4343

Delta R.T. -0.006 min

Lab File: VL037978.D

Acq: 9 Nov 2021 10:01

Tgt Ion:105 Resp: 4366011

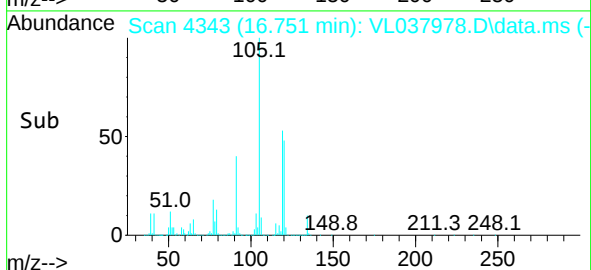
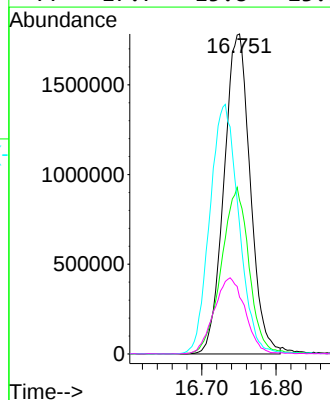
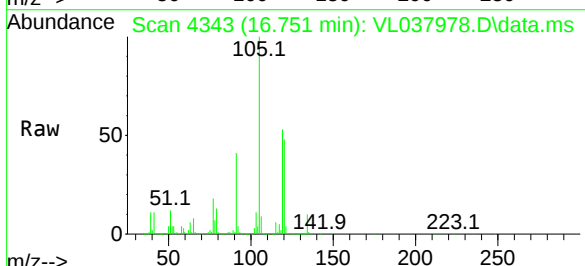
Ion Ratio Lower Upper

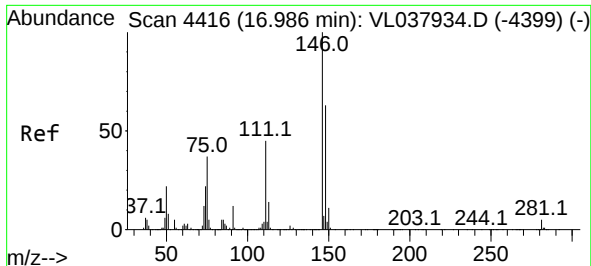
105 100

120 48.0 40.0 60.0

91 40.4 32.6 49.0

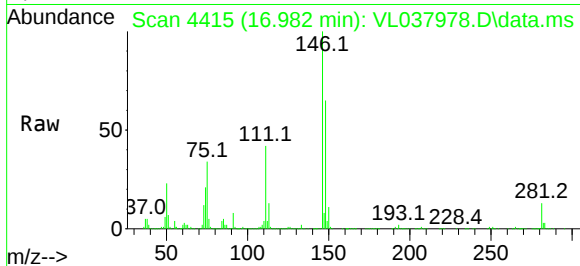
77 17.7 15.8 23.8





#75
1,3-Dichlorobenzene
Concen: 8.546 ppbv
RT: 16.982 min Scan# 4416
Delta R.T. -0.003 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

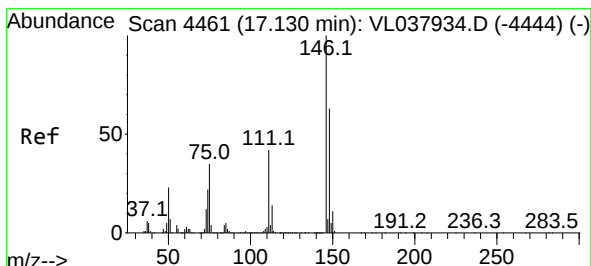
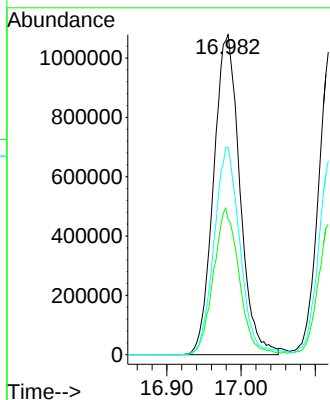
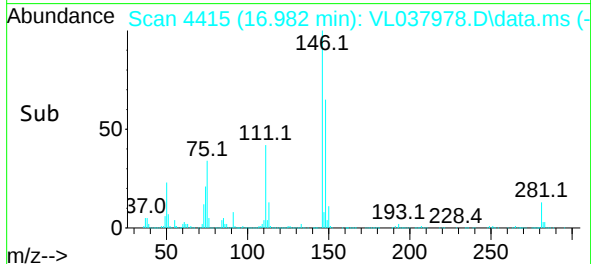
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



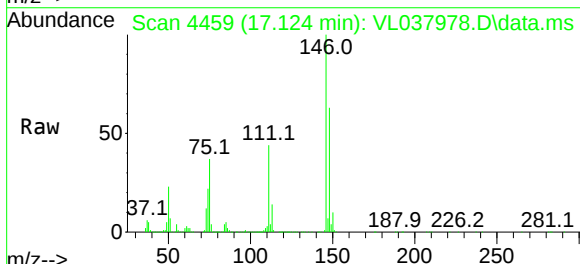
Tgt Ion:146 Resp: 264828
Ion Ratio Lower Upper
146 100
111 44.9 22.7 68.1
148 63.9 32.4 97.0

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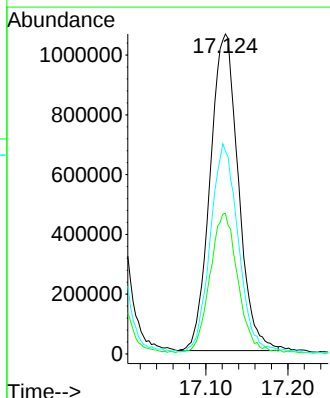
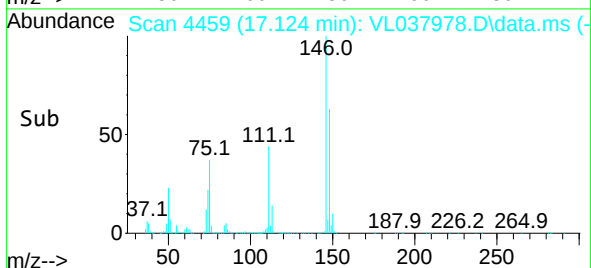
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

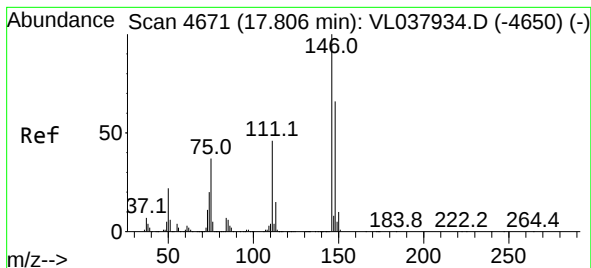


#76
1,4-Dichlorobenzene
Concen: 8.445 ppbv
RT: 17.124 min Scan# 4459
Delta R.T. -0.006 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01



Tgt Ion:146 Resp: 2532548
Ion Ratio Lower Upper
146 100
111 45.1 22.7 68.1
148 67.4 33.5 100.4





#77

1,2-Dichlorobenzene

Concen: 8.493 ppbv

RT: 17.799 min Scan# 4669

Delta R.T. -0.006 min

Lab File: VL037978.D

Acq: 9 Nov 2021 10:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion:146 Resp: 2471372

Ion Ratio Lower Upper

146 100

111 47.0 23.4 70.2

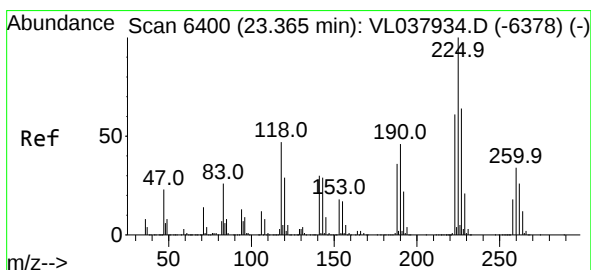
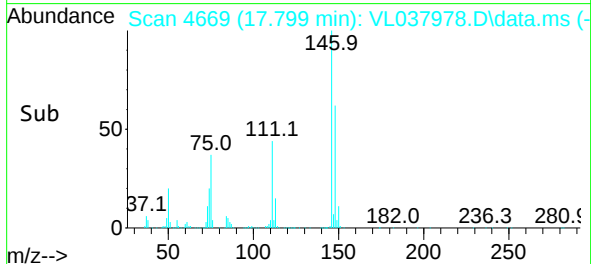
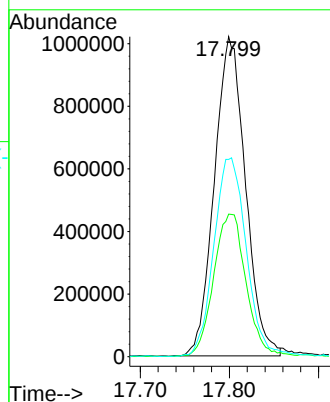
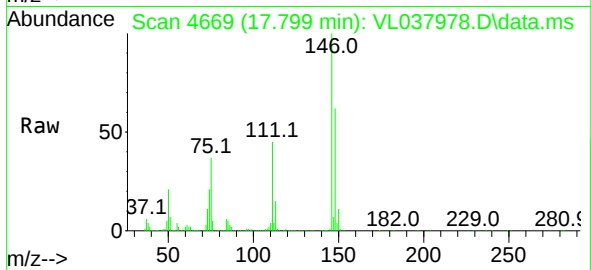
148 65.9 32.6 97.7

Manual Integrations

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Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021



#78

Hexachloro-1,3-Butadiene

Concen: 8.331 ppbv

RT: 23.355 min Scan# 6397

Delta R.T. -0.010 min

Lab File: VL037978.D

Acq: 9 Nov 2021 10:01

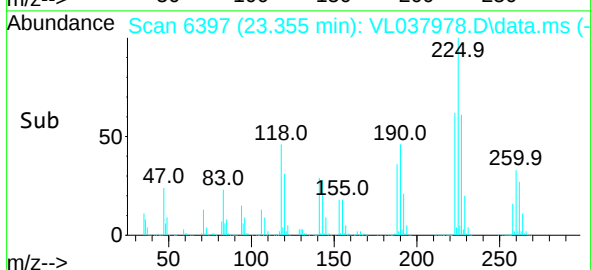
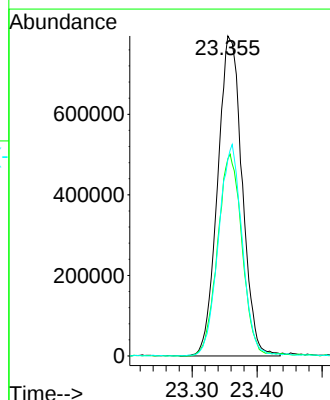
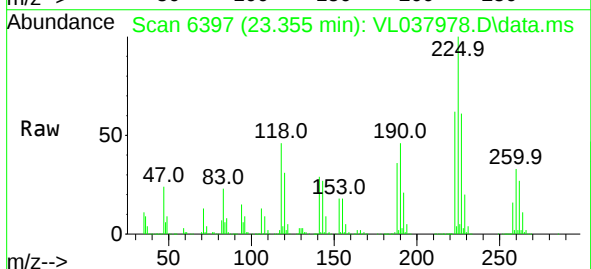
Tgt Ion:225 Resp: 2075099

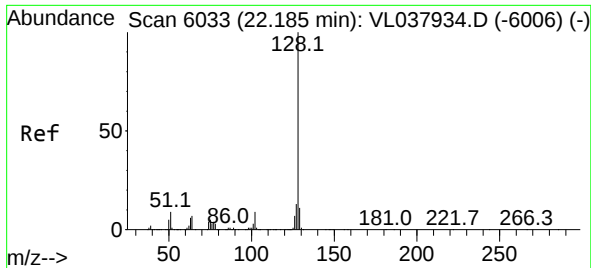
Ion Ratio Lower Upper

225 100

223 63.0 50.0 75.0

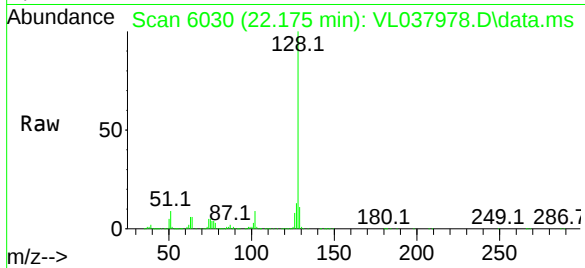
227 64.5 51.5 77.3





#79
Naphthalene
Concen: 12.997 ppbv
RT: 22.175 min Scan# 6030
Delta R.T. -0.010 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01

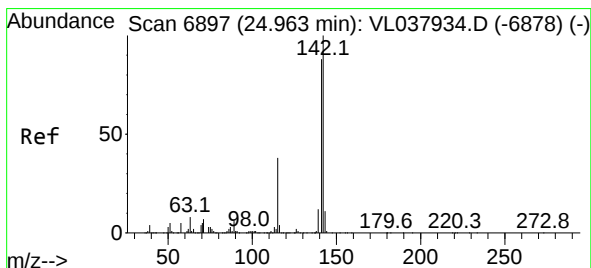
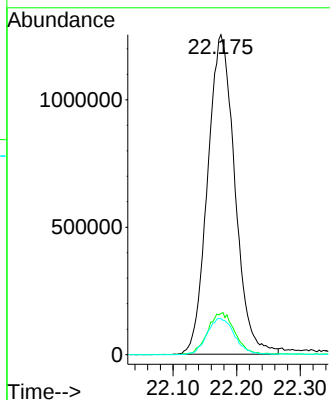
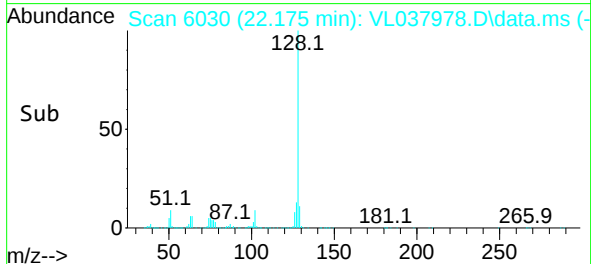
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



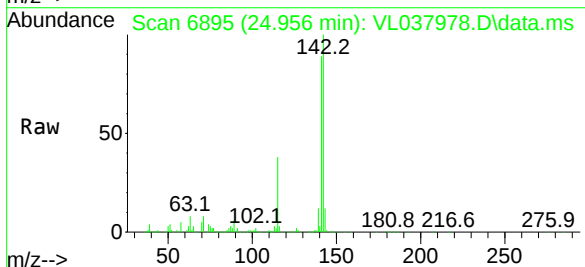
Tgt Ion:128 Resp: 3727054
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.2 9.0 13.4

Manual Integrations
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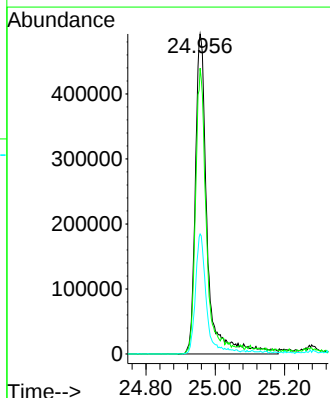
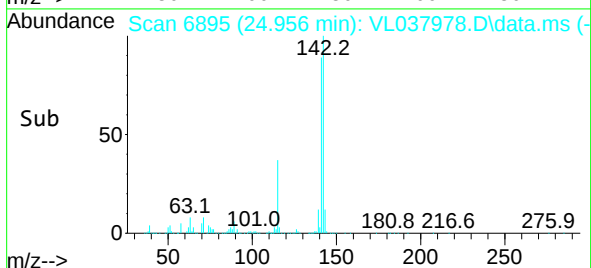
Reviewed By :Semsettin Yesilyurt 11/17/2021
Supervised By :Mahesh Dadoda 11/17/2021

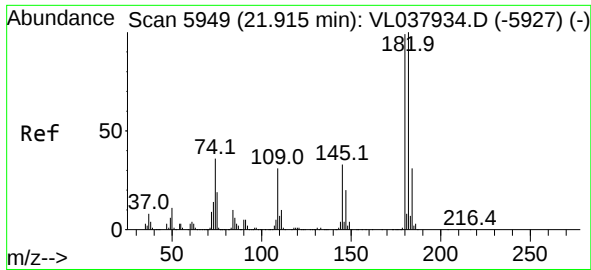


#80
Naphthalene,2-methyl-
Concen: 21.071 ppbv
RT: 24.956 min Scan# 6895
Delta R.T. -0.006 min
Lab File: VL037978.D
Acq: 9 Nov 2021 10:01



Tgt Ion:142 Resp: 1176265
Ion Ratio Lower Upper
142 100
141 83.4 66.4 99.6
115 36.5 29.0 43.4





#81

1,2,4-Trichlorobenzene

Concen: 11.102 ppbv

RT: 21.911 min Scan# 5948

Delta R.T. -0.003 min

Lab File: VL037978.D

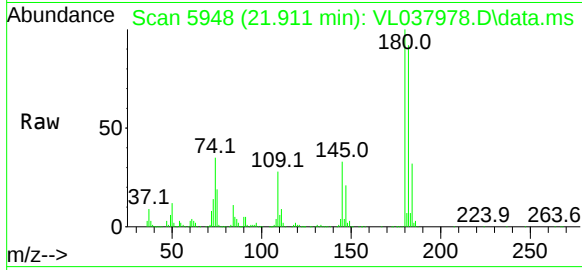
Acq: 9 Nov 2021 10:01

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 207219

Ion Ratio Lower Upper

180 100

182 97.7 79.3 118.9

184 30.9 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 11/17/2021

Supervised By :Mahesh Dadoda 11/17/2021

