

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041222\
 Data File : VL038889.D
 Acq On : 12 Apr 2022 12:54
 Operator : SY/AP
 Sample : VSTDCCC010
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/13/2022
 Supervised By : Mahesh Dadoda 04/14/2022

Quant Time: Apr 13 01:16:30 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 6 06:12:53 2022

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

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.664	49	1099754	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.172	114	2991927	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.076	117	2880015m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene 14.407 95 2103552 9.629 ppbv 0.00
 Spiked Amount 10.000 Range 65 - 135 Recovery = 96.300%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	3.050	85	1360744	8.723	ppbv	100
3) Chlorodifluoromethane	2.989	51	1293958	9.641	ppbv	99
4) Chloromethane	3.137	50	655244	9.428	ppbv	94
5) Vinyl Chloride	3.256	62	607162	9.455	ppbv	95
6) Bromomethane	3.472	94	303799	9.778	ppbv	98
7) Chloroethane	3.555	64	209183	9.769	ppbv	96
8) Dichlorotetrafluoroethane	3.185	85	1455519	9.988	ppbv	97
9) Propene	3.009	41	678736	9.558	ppbv	100
10) Heptane	8.118	43	1672337	9.350	ppbv	99
11) Trichlorofluoromethane	3.947	101	1314648	10.488	ppbv	100
12) 1,1,2-Trichlorotrifluo...	4.481	101	986706	10.276	ppbv	96
13) Ethanol	3.603	45	40473m	9.379	ppbv	
14) Bromoethene	3.738	108	416236	9.857	ppbv	98
15) Acetone	3.845	43	1024454	9.357	ppbv	96
16) 1,3-Butadiene	3.327	39	604638	9.660	ppbv	99
17) tert-Butyl alcohol	4.279	59	802446	8.173	ppbv	100
18) 1,1-Dichloroethene	4.288	96	439368	10.038	ppbv	97
19) Isopropyl Alcohol	3.960	45	538689	9.626	ppbv #	100
20) Methylene Chloride	4.340	84	358367	9.025	ppbv	98
21) Allyl Chloride	4.407	41	774545	9.448	ppbv	99
22) trans-1,2-Dichloroethene	4.883	96	477250	10.769	ppbv	92
23) Vinyl Acetate	5.066	43	1095764	10.277	ppbv	98
24) 1,1-Dichloroethane	5.009	63	958366	9.946	ppbv	99
25) Ethyl Acetate	5.671	43	2718253	9.784	ppbv	99
26) Hexane	5.684	57	1197402	9.469	ppbv	99
27) Carbon Disulfide	4.546	76	1164416	10.041	ppbv	99
28) Methyl tert-Butyl Ether	5.031	73	900767	9.223	ppbv	100
29) Chloroform	5.748	83	1780675	10.064	ppbv	98
30) Cyclohexane	7.127	84	1033299	9.271	ppbv	99
31) cis-1,2-Dichloroethene	5.545	61	1161097	9.986	ppbv	99
32) 1,1,1-Trichloroethane	6.507	97	1749434	9.814	ppbv	99
34) 2-Butanone	5.237	43	1175826	9.946	ppbv	99
35) Carbon Tetrachloride	7.015	117	1794400	10.004	ppbv	99
36) Benzene	6.886	78	2591059	9.520	ppbv	99
37) 1,2-Dichloroethane	6.301	62	1325095	10.648	ppbv	98
38) Trichloroethene	7.828	130	1012985	9.070	ppbv	98
39) 1,2-Dichloropropane	7.606	63	1000502	9.610	ppbv	97
40) 1,4-Dioxane	7.822	88	339270	9.597	ppbv #	1
41) Tetrahydrofuran	6.044	42	1094706	9.750	ppbv	99
42) Bromodichloromethane	7.787	83	2009460	10.226	ppbv	99
43) Methyl Methacrylate	8.005	69	1075763	10.319	ppbv	99
44) 2,2,4-Trimethylpentane	7.864	57	4271258	9.269	ppbv	99
45) t-1,3-Dichloropropene	9.272	75	1140692	10.465	ppbv	100

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

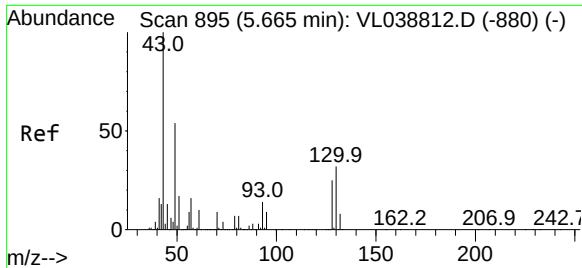
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Apr 6 2022

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

Response via : Initial Calibration

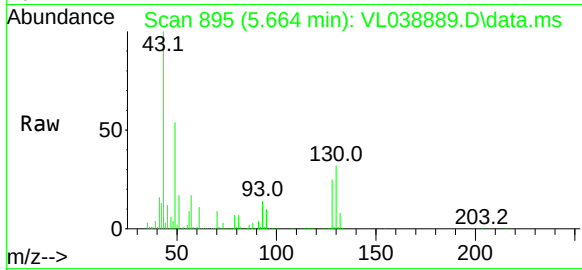
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) cis-1,3-Dichloropropene	8.696	75	1446584	10.066	ppbv	98
47) 1,1,2-Trichloroethane	9.468	97	1039711	9.747	ppbv	97
48) Dibromochloromethane	10.301	129	1692872	10.125	ppbv	99
49) Bromoform	13.031	173	1323787	9.997	ppbv	97
50) 4-Methyl-2-Pentanone	8.732	43	2675477	10.061	ppbv	99
51) 2-Hexanone	10.124	43	2148100	10.721	ppbv #	97
52) Tetrachloroethene	11.217	164	849198	8.932	ppbv	99
53) Toluene	9.799	91	2989346	9.514	ppbv	99
54) 1,2-Dibromoethane	10.603	107	1500617	10.127	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.118	131	1161738	9.205	ppbv #	92
57) Chlorobenzene	12.140	112	2101683	8.910	ppbv	98
58) Ethyl Benzene	12.703	91	3980769	9.250	ppbv	94
59) m/p-Xylene	12.989	91	6566259m	18.161	ppbv	
60) o-Xylene	13.683	91	3082898	9.112	ppbv	97
61) Styrene	13.519	104	1969759	9.556	ppbv	99
62) Isopropylbenzene	14.661	105	4517743	8.896	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.667	83	1941244	9.059	ppbv	99
64) n-propylbenzene	15.555	120	1178219	8.936	ppbv	87
65) tert-Butylbenzene	16.735	119	3877885	8.607	ppbv	97
66) Benzyl Chloride	16.979	91	740486	8.073	ppbv	94
67) sec-Butylbenzene	17.285	105	5636341	8.915	ppbv	98
69) p-Isopropyltoluene	17.645	119	4653028	8.964	ppbv	99
70) n-Butylbenzene	18.539	91	5004797	9.570	ppbv	98
71) 2-Chlorotoluene	15.442	91	3506517	9.183	ppbv	98
72) 4-Ethyltoluene	15.831	105	3825690	9.470	ppbv	98
73) 1,3,5-Trimethylbenzene	15.986	105	3361953	9.264	ppbv	94
74) 1,2,4-Trimethylbenzene	16.754	105	3485544	9.085	ppbv	99
75) 1,3-Dichlorobenzene	16.986	146	2022124	9.078	ppbv	99
76) 1,4-Dichlorobenzene	17.127	146	1987467	9.058	ppbv	99
77) 1,2-Dichlorobenzene	17.805	146	1997454	9.097	ppbv	100
78) Hexachloro-1,3-Butadiene	23.368	225	1399838	8.069	ppbv	98
79) Naphthalene	22.185	128	2944957	10.262	ppbv	100
80) Naphthalene,2-methyl-	24.963	142	760411	10.753	ppbv	96
81) 1,2,4-Trichlorobenzene	21.911	180	1585168	9.438	ppbv	99

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



#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.664 min Scan# 895
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

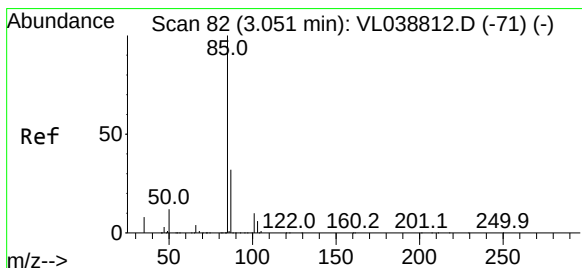
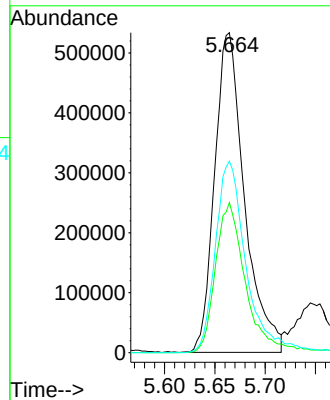
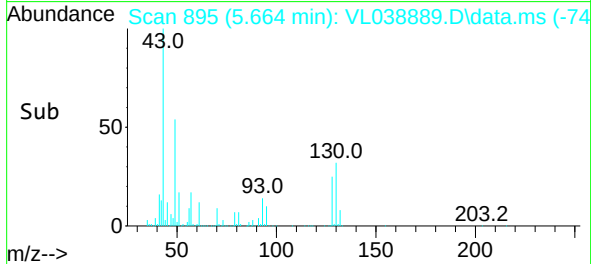
Instrument : MSVOA_L
ClientSampleId : VSTDCCC010



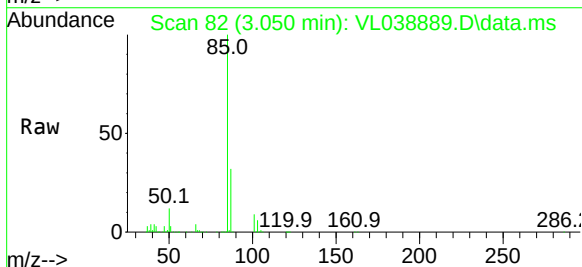
Tgt Ion: 49 Resp: 1099754
Ion Ratio Lower Upper
49 100
128 48.0 24.1 72.3
130 62.7 30.9 92.8

Manual Integrations
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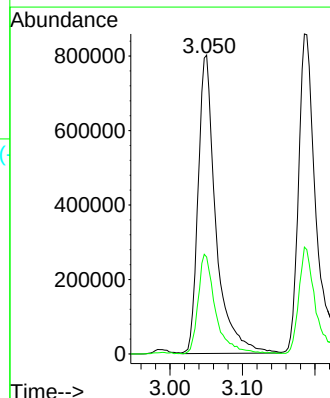
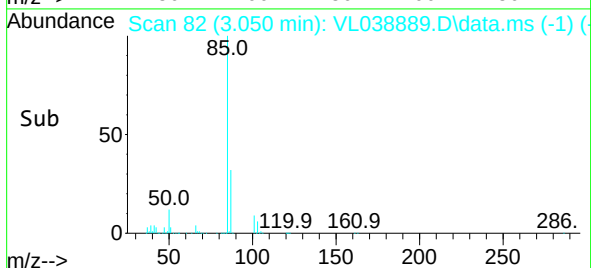
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

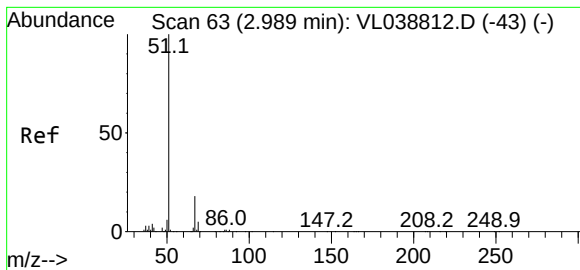


#2
Dichlorodifluoromethane
Concen: 8.723 ppbv
RT: 3.050 min Scan# 82
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54



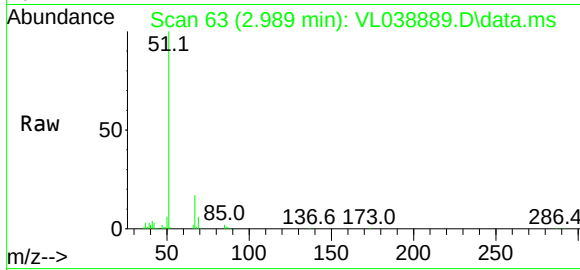
Tgt Ion: 85 Resp: 1360744
Ion Ratio Lower Upper
85 100
87 32.4 25.9 38.9





#3
Chlorodifluoromethane
Concen: 9.641 ppbv
RT: 2.989 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

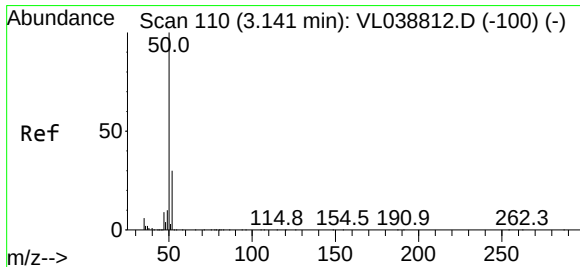
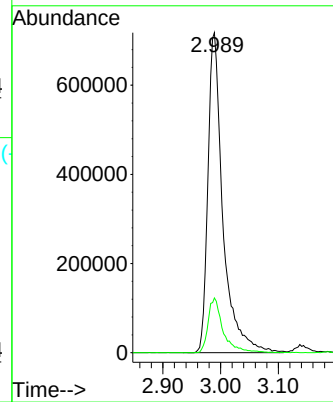
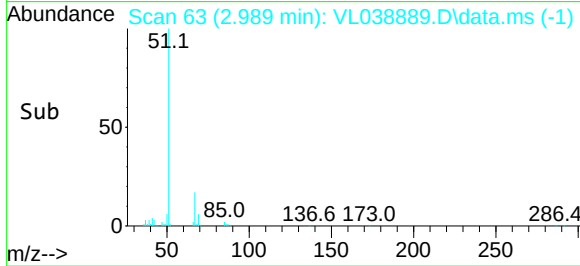
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



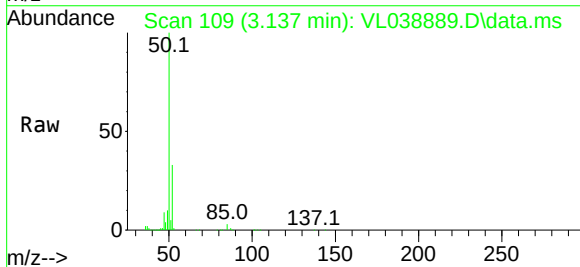
Tgt Ion: 51 Resp: 1293958
Ion Ratio Lower Upper
51 100
67 17.2 13.4 20.0

Manual Integrations
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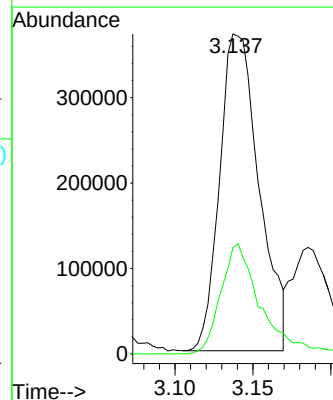
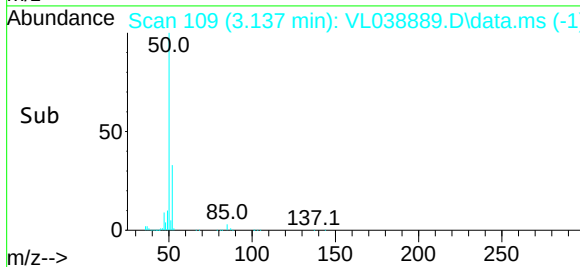
Reviewed By :Semsettin Yesilyurt 04/13/2022
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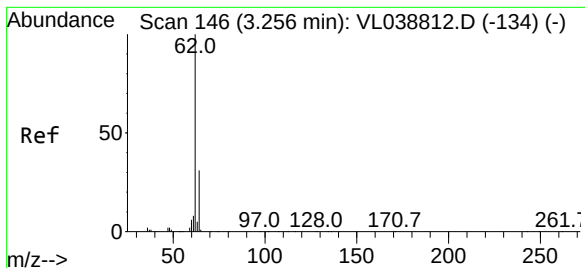


#4
Chloromethane
Concen: 9.428 ppbv
RT: 3.137 min Scan# 109
Delta R.T. -0.003 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54



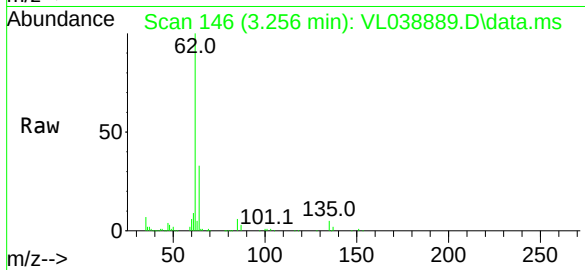
Tgt Ion: 50 Resp: 655244
Ion Ratio Lower Upper
50 100
52 33.6 24.3 36.5





#5
 Vinyl Chloride
 Concen: 9.455 ppbv
 RT: 3.256 min Scan# 146
 Delta R.T. -0.000 min
 Lab File: VL038889.D
 Acq: 12 Apr 2022 12:54

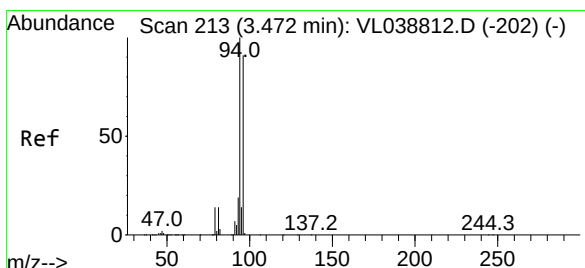
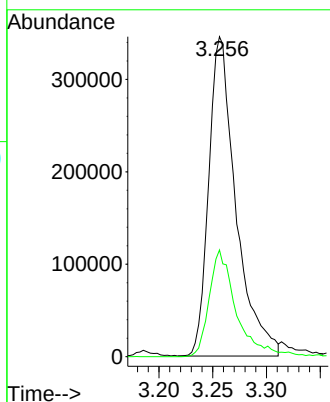
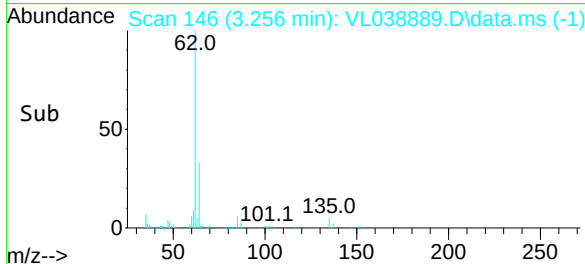
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



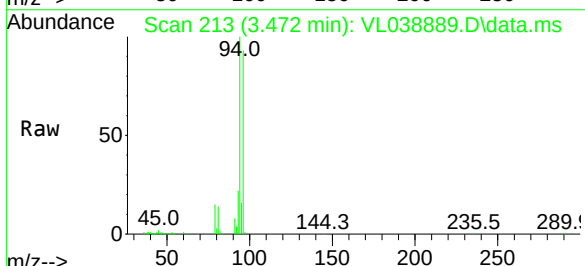
Tgt Ion: 62 Resp: 607162
 Ion Ratio Lower Upper
 62 100
 64 33.4 24.6 37.0

Manual Integrations
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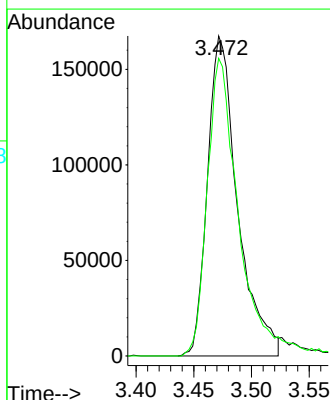
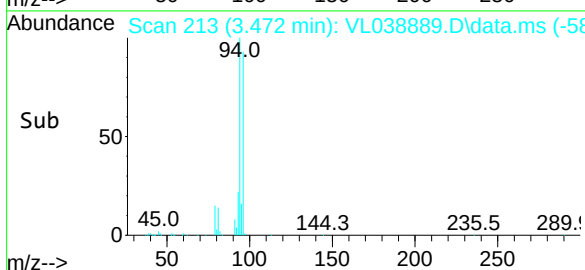
Reviewed By :Semsettin Yesilyurt 04/13/2022
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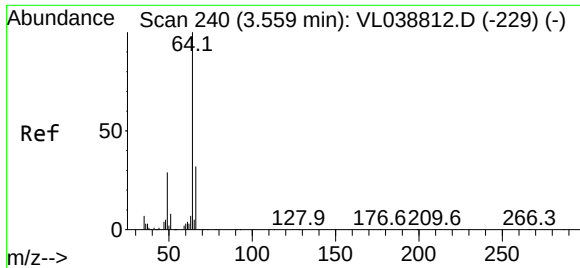


#6
 Bromomethane
 Concen: 9.778 ppbv
 RT: 3.472 min Scan# 213
 Delta R.T. -0.000 min
 Lab File: VL038889.D
 Acq: 12 Apr 2022 12:54



Tgt Ion: 94 Resp: 303799
 Ion Ratio Lower Upper
 94 100
 96 93.0 73.2 109.8





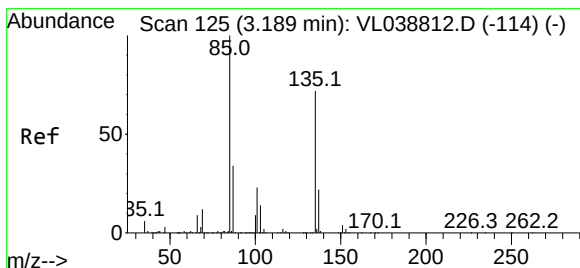
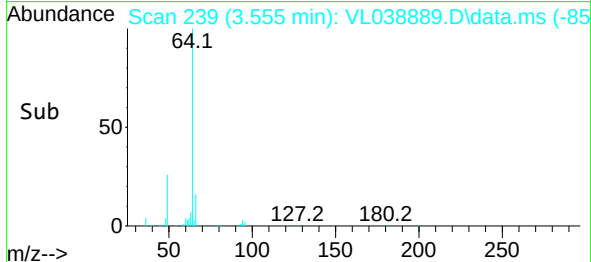
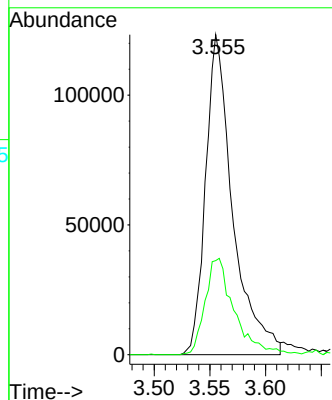
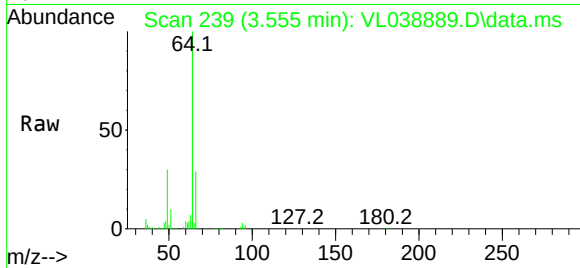
#7
Chloroethane
Concen: 9.769 ppbv
RT: 3.555 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 64 Resp: 20918
Ion Ratio Lower Upper
64 100
66 29.4 25.4 38.2

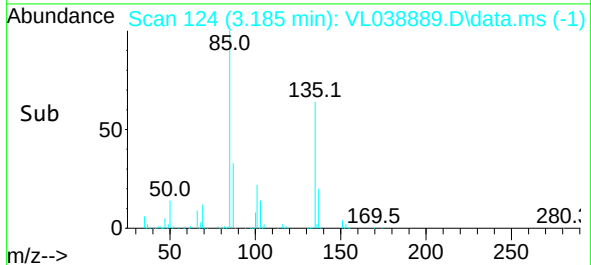
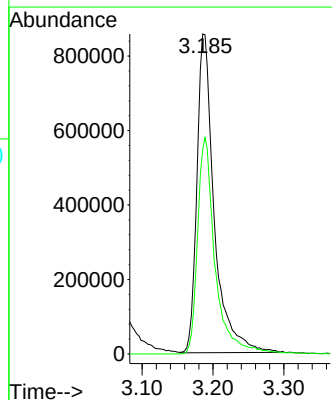
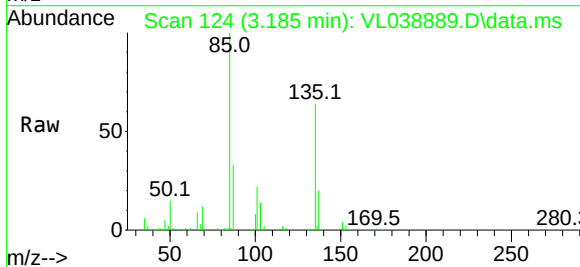
Manual Integrations
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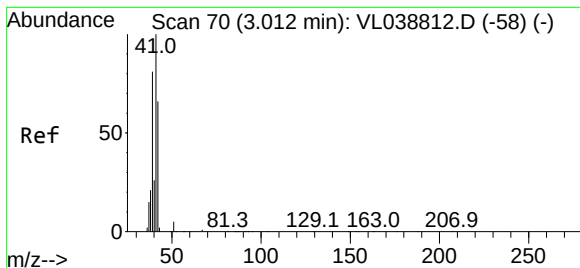
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#8
Dichlorotetrafluoroethane
Concen: 9.988 ppbv
RT: 3.185 min Scan# 124
Delta R.T. -0.003 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion: 85 Resp: 1455519
Ion Ratio Lower Upper
85 100
135 68.9 57.0 85.6





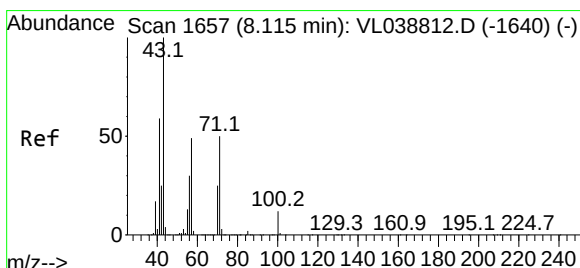
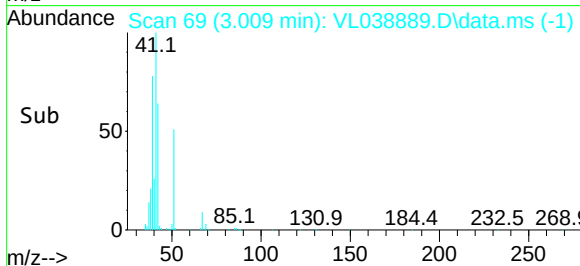
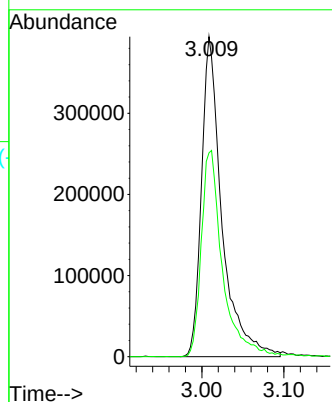
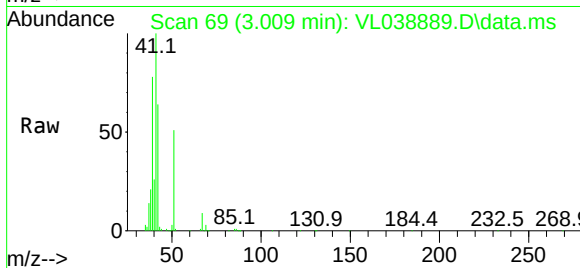
#9
 Propene
 Concen: 9.558 ppbv
 RT: 3.009 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VL038889.D
 Acq: 12 Apr 2022 12:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

Tgt Ion: 41 Resp: 678730
 Ion Ratio Lower Upper
 41 100
 42 67.7 54.2 81.4

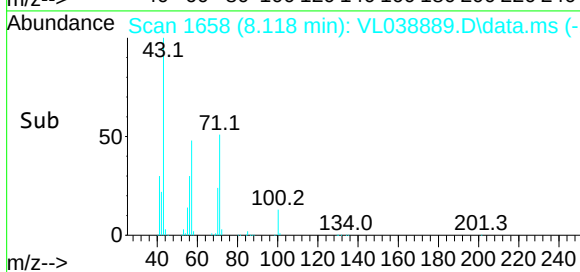
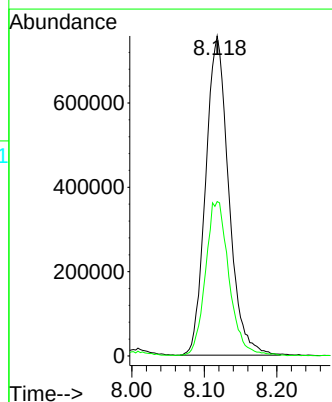
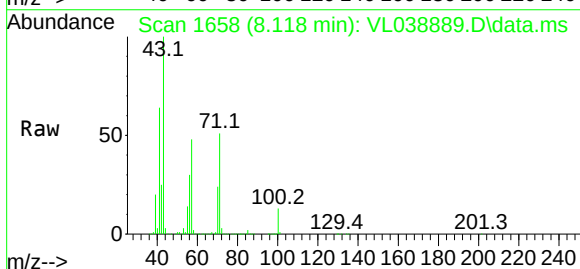
Manual Integrations
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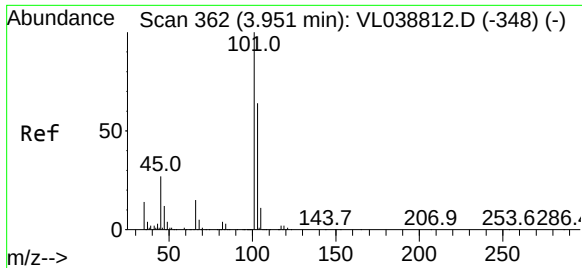
Reviewed By :Semsettin Yesilyurt 04/13/2022
 Supervised By :Mahesh Dadoda 04/14/2022



#10
 Heptane
 Concen: 9.350 ppbv
 RT: 8.118 min Scan# 1658
 Delta R.T. 0.003 min
 Lab File: VL038889.D
 Acq: 12 Apr 2022 12:54

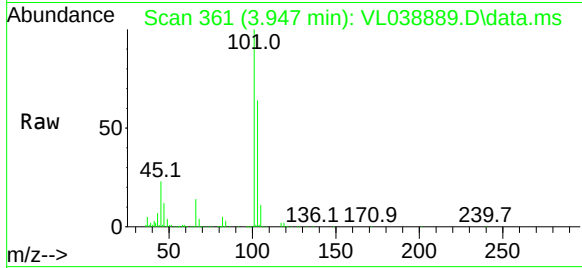
Tgt Ion: 43 Resp: 1672337
 Ion Ratio Lower Upper
 43 100
 57 49.8 39.3 58.9





#11
 Trichlorofluoromethane
 Concen: 10.488 ppbv
 RT: 3.947 min Scan# 30
 Delta R.T. -0.003 min
 Lab File: VL038889.D
 Acq: 12 Apr 2022 12:54

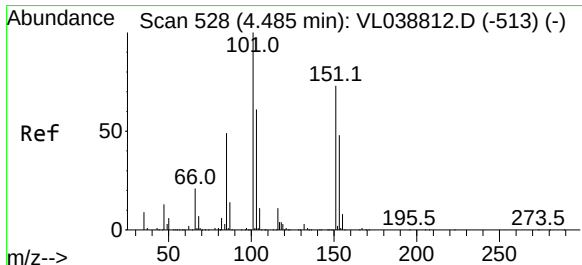
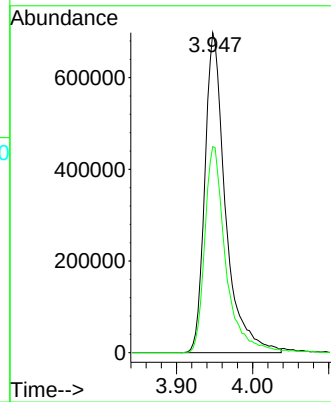
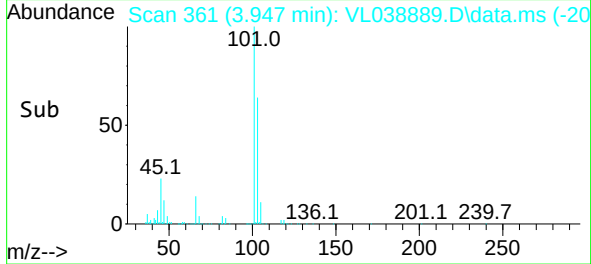
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



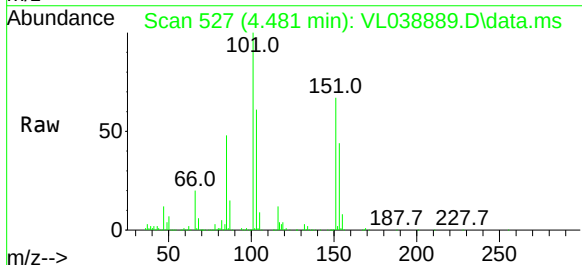
Tgt Ion:101 Resp: 131464
 Ion Ratio Lower Upper
 101 100
 103 64.4 51.4 77.0

Manual Integrations
 APPROVED

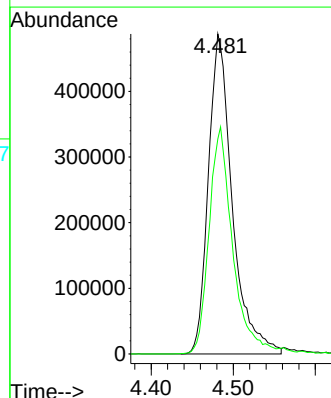
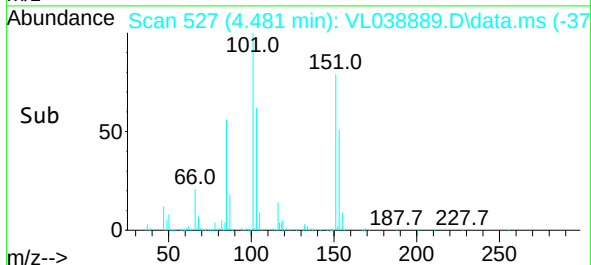
Reviewed By :Semsettin Yesilyurt 04/13/2022
 Supervised By :Mahesh Dadoda 04/14/2022

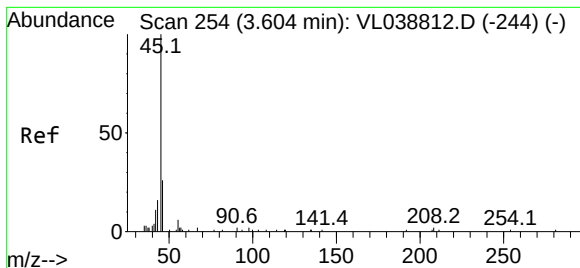


#12
 1,1,2-Trichlorotrifluoroethane
 Concen: 10.276 ppbv
 RT: 4.481 min Scan# 527
 Delta R.T. -0.003 min
 Lab File: VL038889.D
 Acq: 12 Apr 2022 12:54



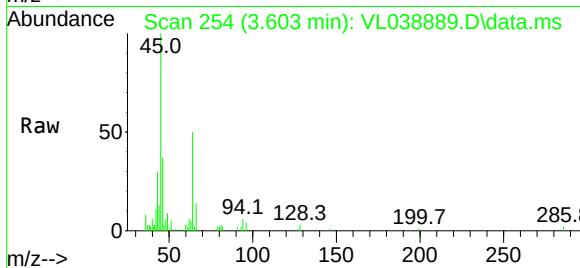
Tgt Ion:101 Resp: 986706
 Ion Ratio Lower Upper
 101 100
 151 71.5 59.9 89.9





#13
Ethanol
Concen: 9.379 ppbv m
RT: 3.603 min Scan# 21
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

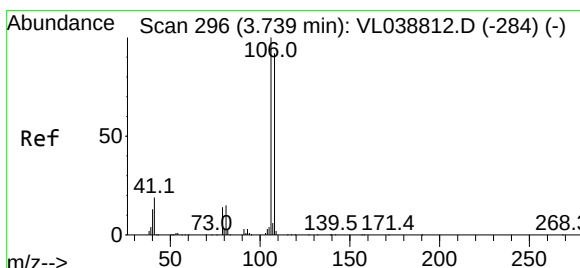
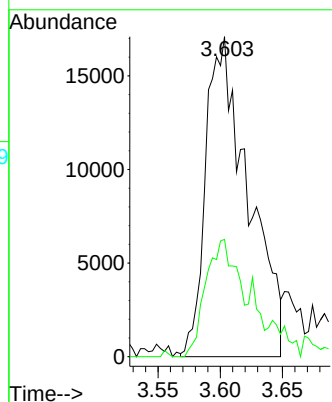
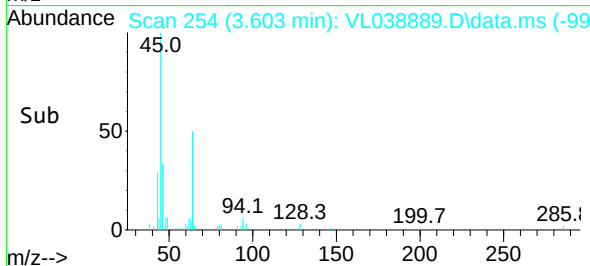
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



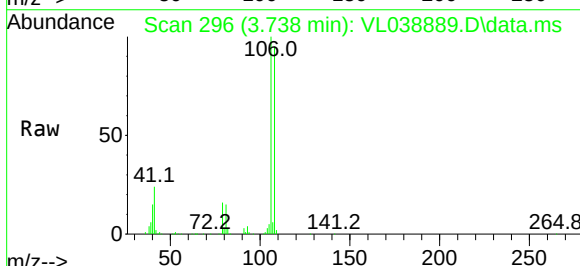
Tgt Ion: 45 Resp: 4047
Ion Ratio Lower Upper
45 100
46 38.9 0.0 0.0

Manual Integrations
APPROVED

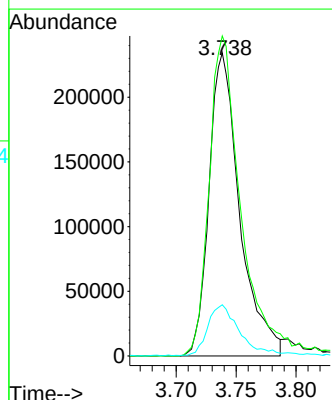
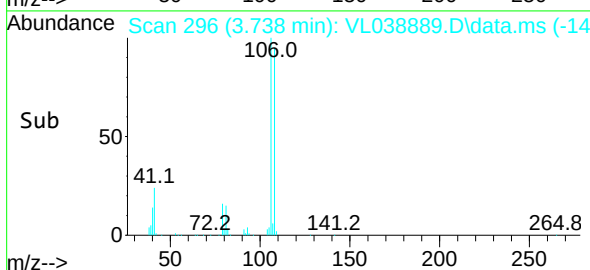
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

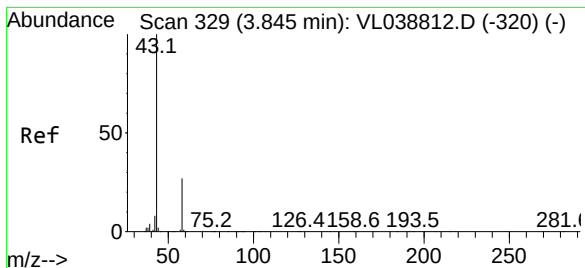


#14
Bromoethene
Concen: 9.857 ppbv
RT: 3.738 min Scan# 296
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54



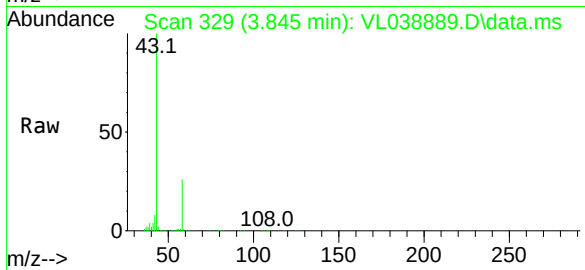
Tgt Ion:108 Resp: 416236
Ion Ratio Lower Upper
108 100
106 113.0 91.5 137.3
79 18.7 13.7 20.5





#15
Acetone
Concen: 9.357 ppbv
RT: 3.845 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

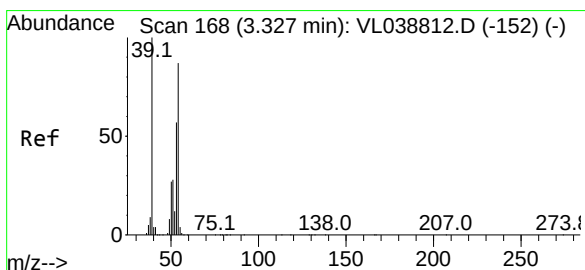
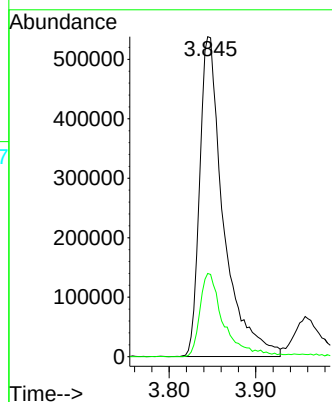
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 43 Resp: 1024454
Ion Ratio Lower Upper
43 100
58 26.1 22.5 33.7

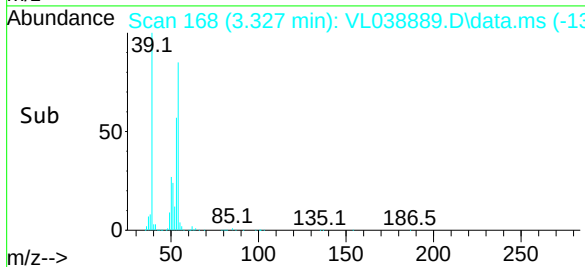
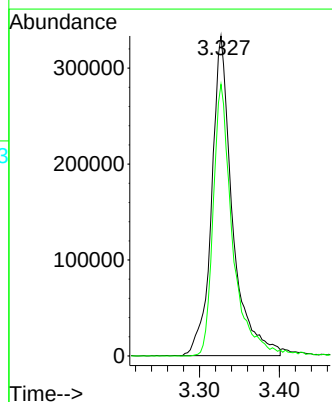
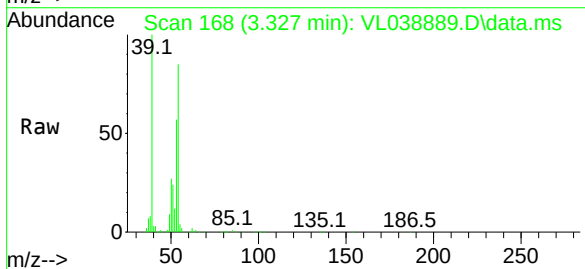
Manual Integrations
APPROVED

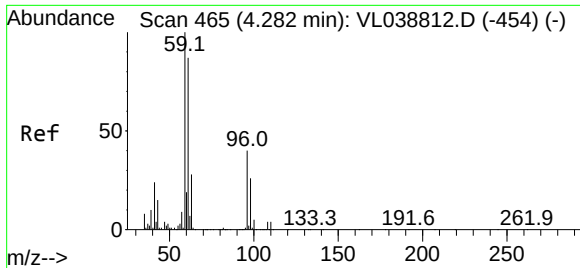
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#16
1,3-Butadiene
Concen: 9.660 ppbv
RT: 3.327 min Scan# 168
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion: 39 Resp: 604638
Ion Ratio Lower Upper
39 100
54 80.4 64.8 97.2





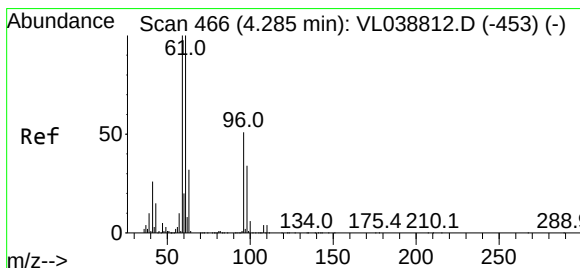
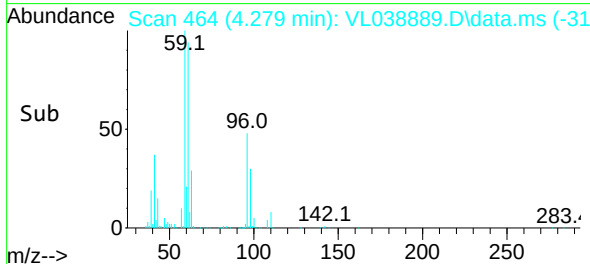
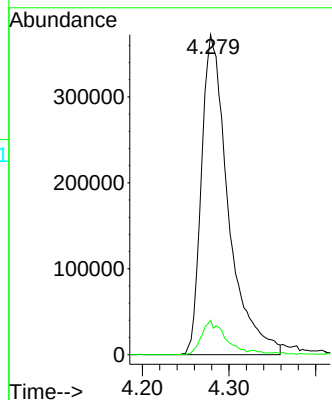
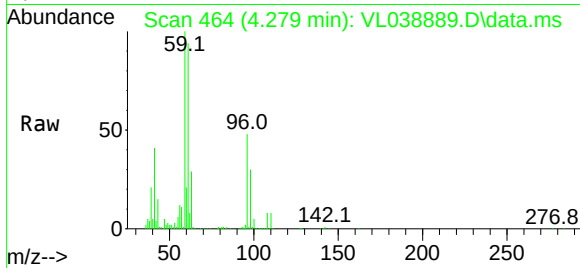
#17
tert-Butyl alcohol
Concen: 8.173 ppbv
RT: 4.279 min Scan# 464
Delta R.T. -0.003 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 59 Resp: 802440
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

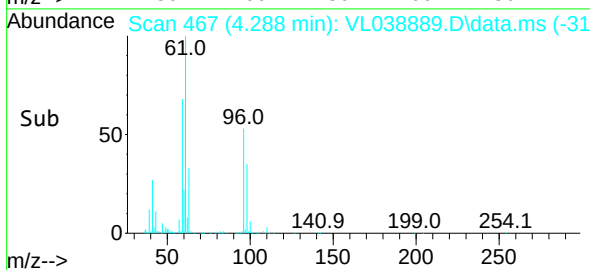
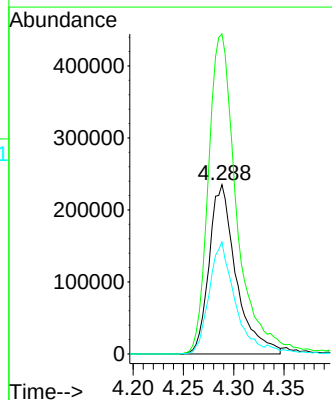
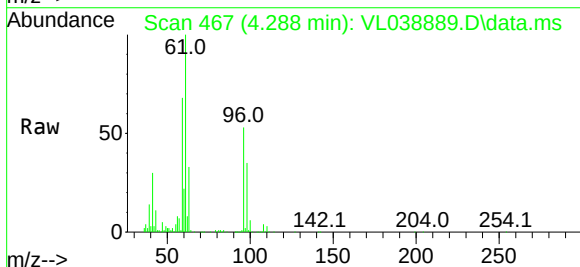
Manual Integrations
APPROVED

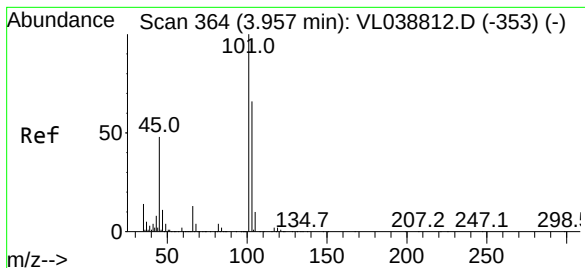
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#18
1,1-Dichloroethene
Concen: 10.038 ppbv
RT: 4.288 min Scan# 467
Delta R.T. 0.003 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

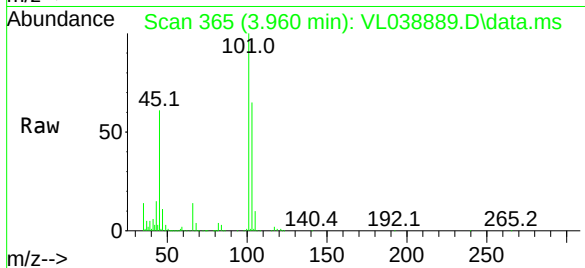
Tgt Ion: 96 Resp: 439368
Ion Ratio Lower Upper
96 100
61 189.1 156.1 234.1
98 66.2 53.0 79.6





#19
Isopropyl Alcohol
Concen: 9.626 ppbv
RT: 3.960 min Scan# 30
Delta R.T. 0.003 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

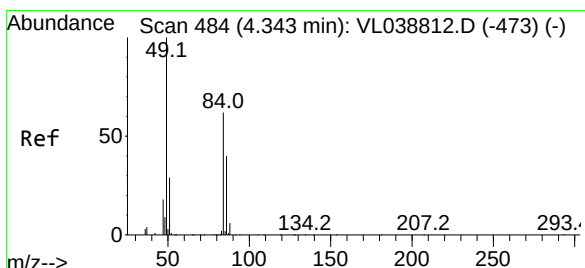
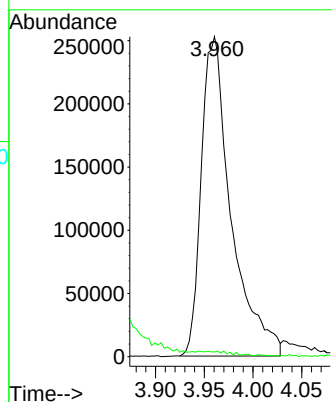
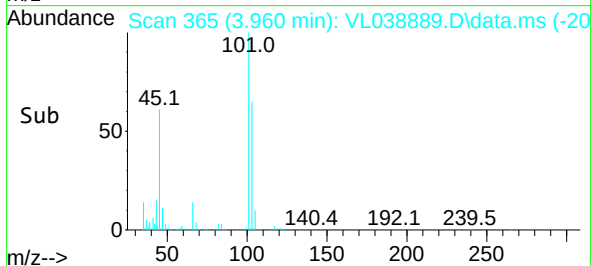
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



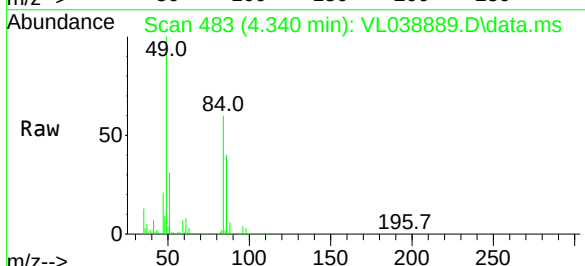
Tgt Ion: 45 Resp: 538689
Ion Ratio Lower Upper
45 100
58 1.7 0.0 0.0

Manual Integrations
APPROVED

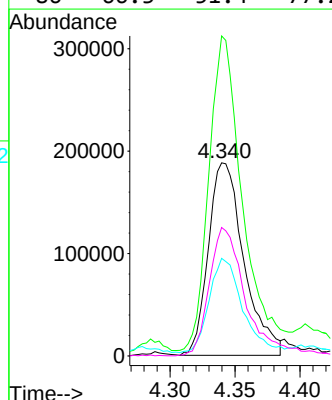
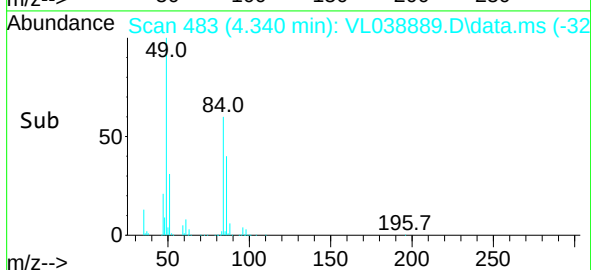
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

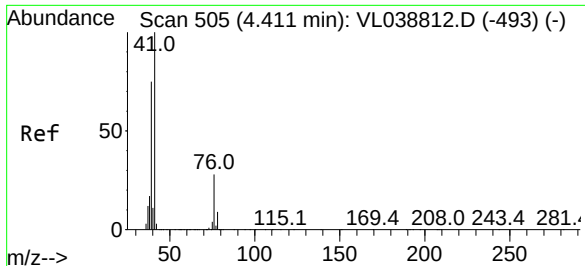


#20
Methylene Chloride
Concen: 9.025 ppbv
RT: 4.340 min Scan# 483
Delta R.T. -0.003 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54



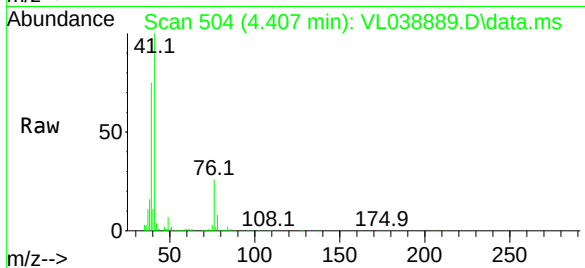
Tgt Ion: 84 Resp: 358367
Ion Ratio Lower Upper
84 100
49 163.4 129.4 194.0
51 49.0 37.4 56.2
86 66.3 51.4 77.2





#21
 Allyl Chloride
 Concen: 9.448 ppbv
 RT: 4.407 min Scan# 504
 Delta R.T. -0.003 min
 Lab File: VL038889.D
 Acq: 12 Apr 2022 12:54

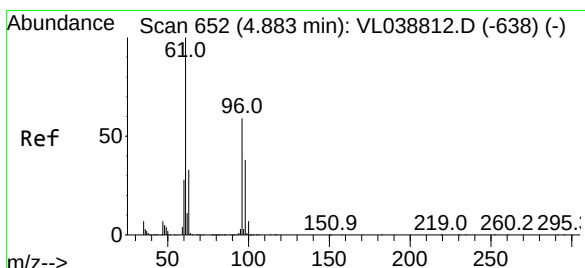
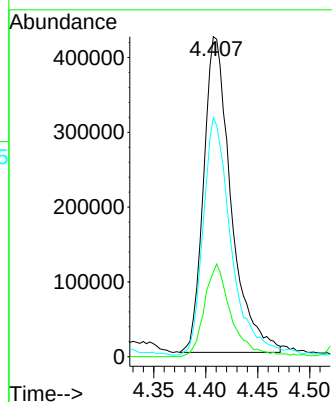
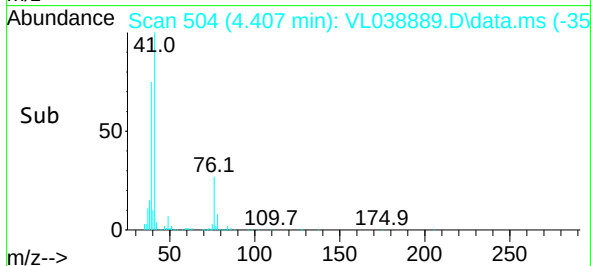
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



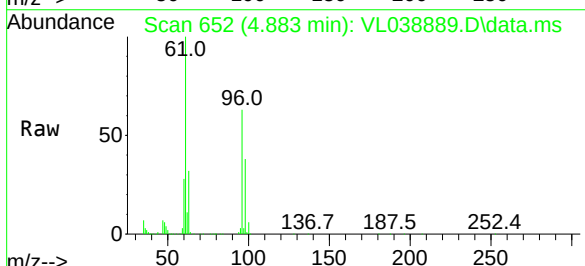
Tgt Ion: 41 Resp: 774549
 Ion Ratio Lower Upper
 41 100
 76 29.0 23.7 35.5
 39 77.1 62.0 93.0

Manual Integrations
 APPROVED

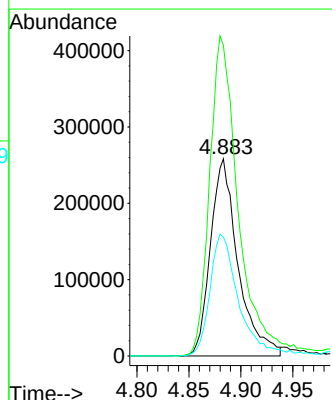
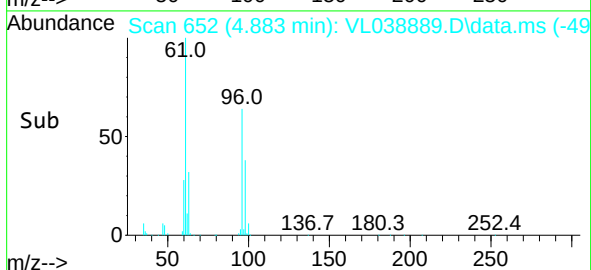
Reviewed By :Semsettin Yesilyurt 04/13/2022
 Supervised By :Mahesh Dadoda 04/14/2022

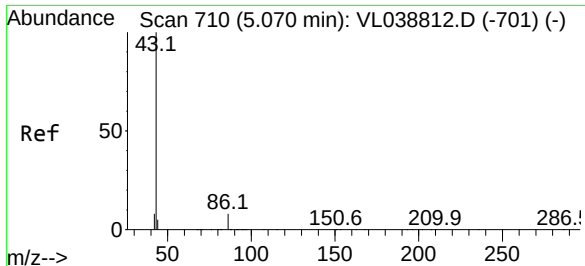


#22
 trans-1,2-Dichloroethene
 Concen: 10.769 ppbv
 RT: 4.883 min Scan# 652
 Delta R.T. -0.000 min
 Lab File: VL038889.D
 Acq: 12 Apr 2022 12:54



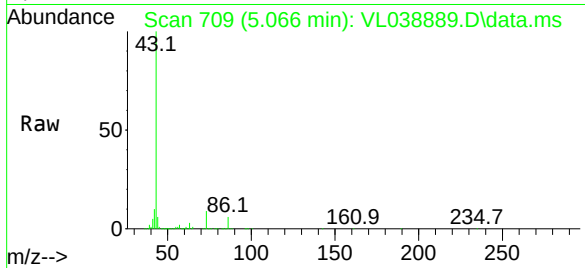
Tgt Ion: 96 Resp: 477250
 Ion Ratio Lower Upper
 96 100
 61 157.5 134.8 202.2
 98 60.1 51.9 77.9





#23
 Vinyl Acetate
 Concen: 10.277 ppbv
 RT: 5.066 min Scan# 710
 Delta R.T. -0.003 min
 Lab File: VL038889.D
 Acq: 12 Apr 2022 12:54

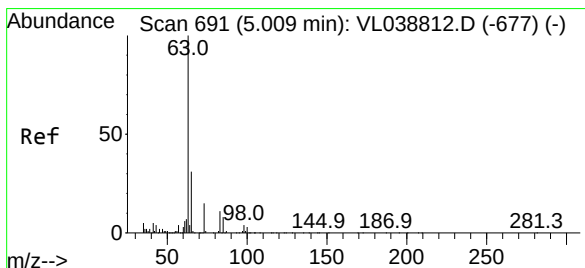
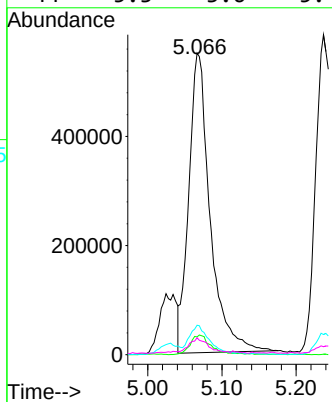
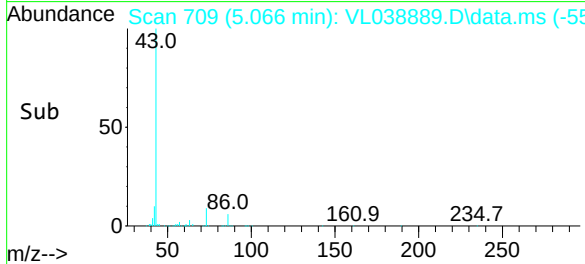
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



Tgt Ion: 43 Resp: 1095764
 Ion Ratio Lower Upper
 43 100
 86 5.8 5.8 8.6
 42 9.8 7.8 11.6
 44 5.3 3.6 5.4

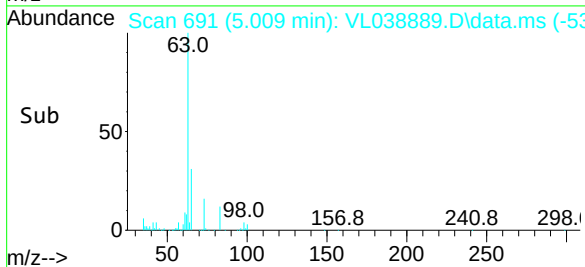
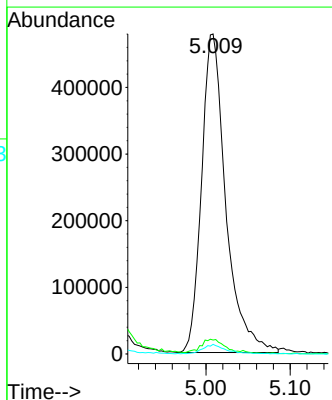
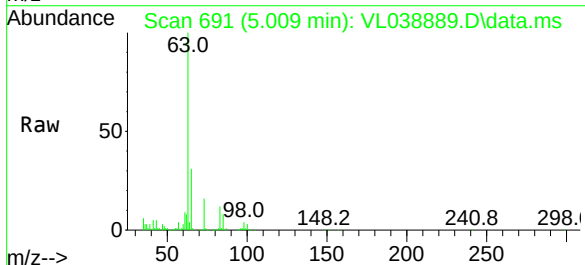
Manual Integrations
 APPROVED

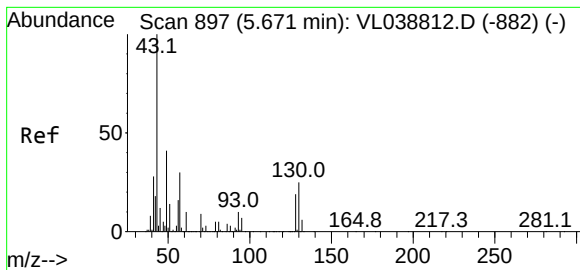
Reviewed By :Semsettin Yesilyurt 04/13/2022
 Supervised By :Mahesh Dadoda 04/14/2022



#24
 1,1-Dichloroethane
 Concen: 9.946 ppbv
 RT: 5.009 min Scan# 691
 Delta R.T. -0.000 min
 Lab File: VL038889.D
 Acq: 12 Apr 2022 12:54

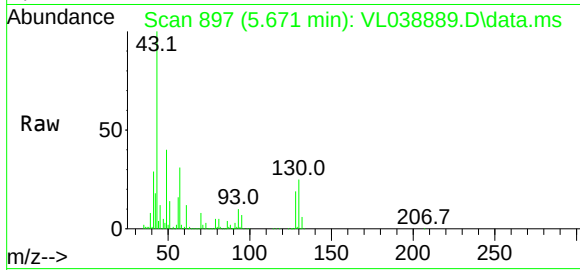
Tgt Ion: 63 Resp: 958366
 Ion Ratio Lower Upper
 63 100
 98 4.2 2.2 6.6
 100 3.0 1.4 4.0





#25
Ethyl Acetate
Concen: 9.784 ppbv
RT: 5.671 min Scan# 897
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

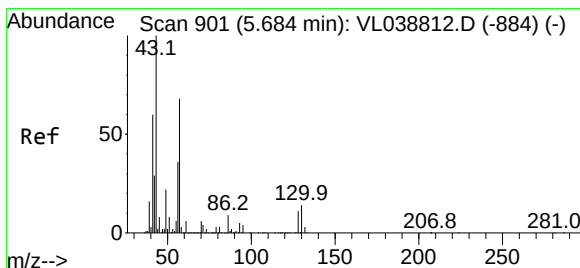
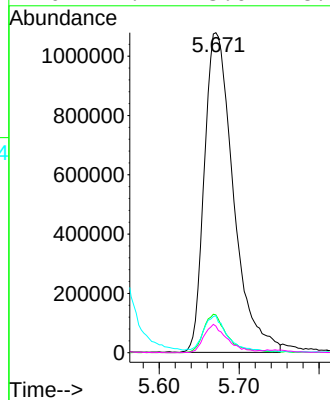
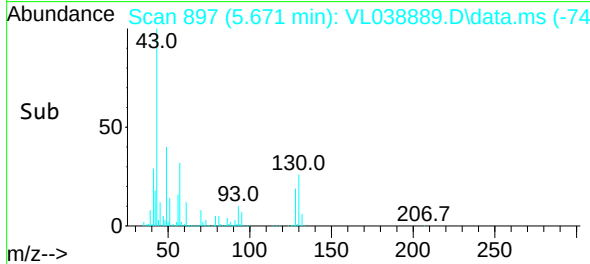


Tgt Ion: 43 Resp: 271825

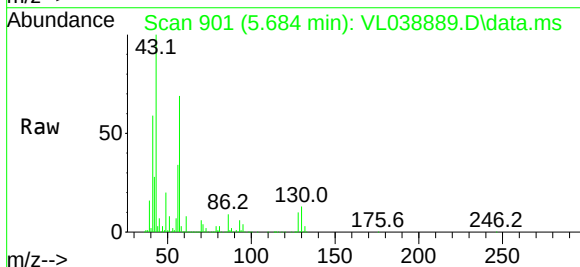
Ion	Ratio	Lower	Upper
43	100		
45	10.3	8.4	12.6
61	10.2	7.9	11.9
70	7.2	5.6	8.4

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

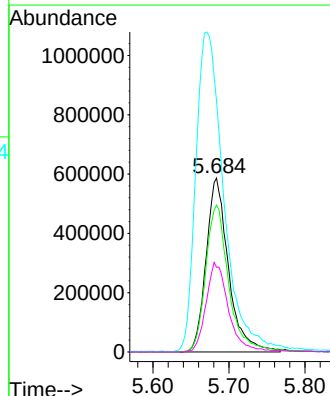
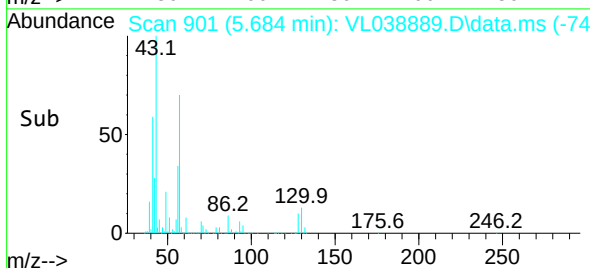


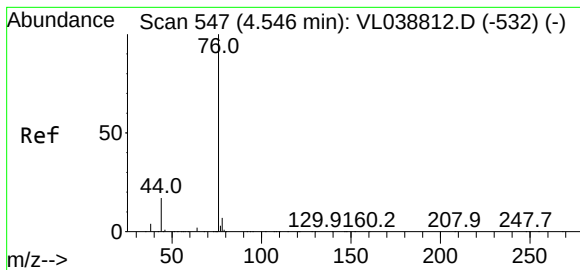
#26
Hexane
Concen: 9.469 ppbv
RT: 5.684 min Scan# 901
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54



Tgt Ion: 57 Resp: 1197402

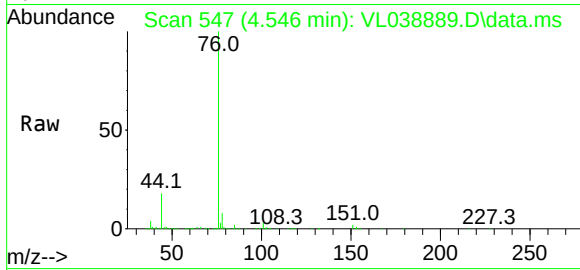
Ion	Ratio	Lower	Upper
57	100		
41	87.8	72.0	108.0
43	231.7	186.6	280.0
56	52.3	42.8	64.2





#27
Carbon Disulfide
Concen: 10.041 ppbv
RT: 4.546 min Scan# 547
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

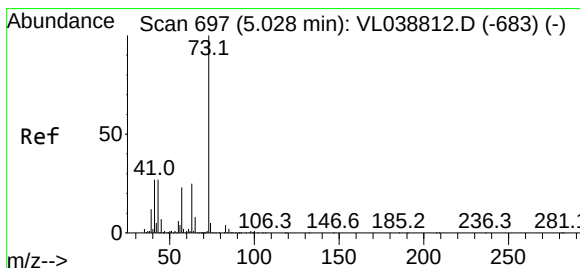
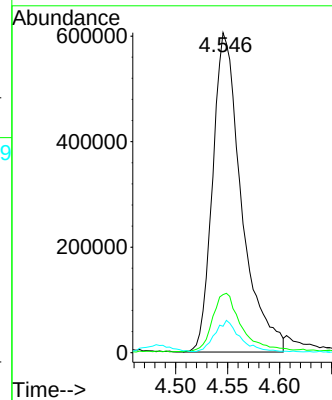
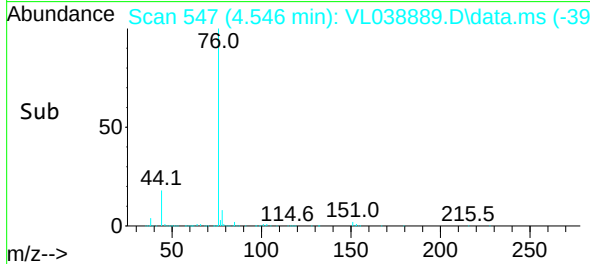
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



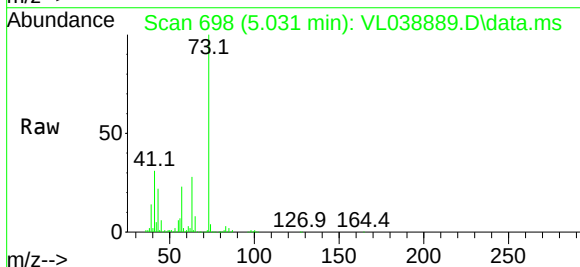
Tgt Ion: 76 Resp: 1164410
Ion Ratio Lower Upper
76 100
44 18.8 15.7 23.5
78 9.9 7.8 11.8

Manual Integrations
APPROVED

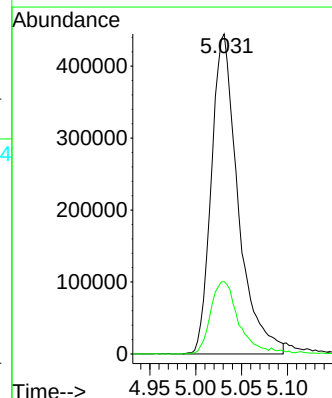
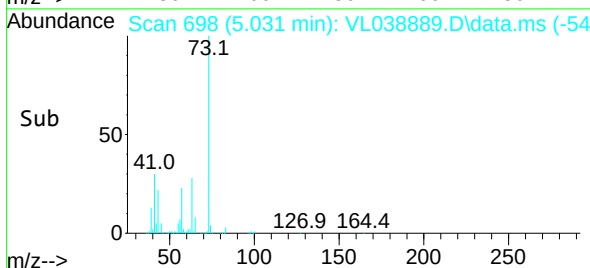
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

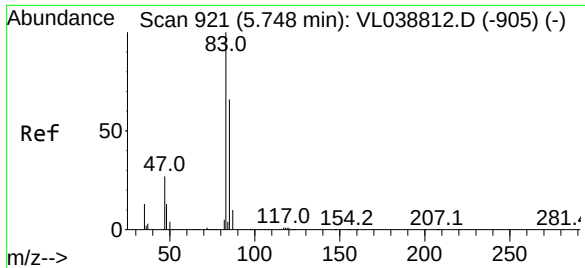


#28
Methyl tert-Butyl Ether
Concen: 9.223 ppbv
RT: 5.031 min Scan# 698
Delta R.T. 0.003 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54



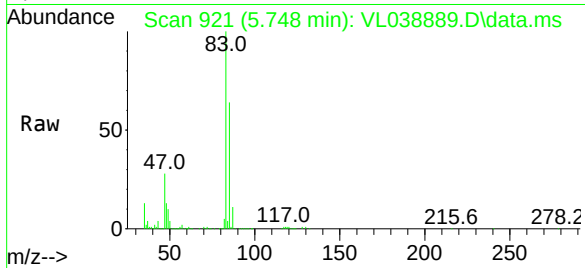
Tgt Ion: 73 Resp: 900767
Ion Ratio Lower Upper
73 100
57 24.6 19.7 29.5





#29
Chloroform
Concen: 10.064 ppbv
RT: 5.748 min Scan# 91
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

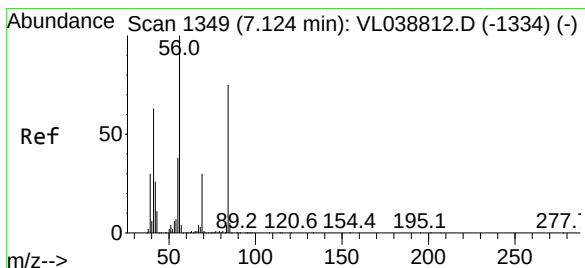
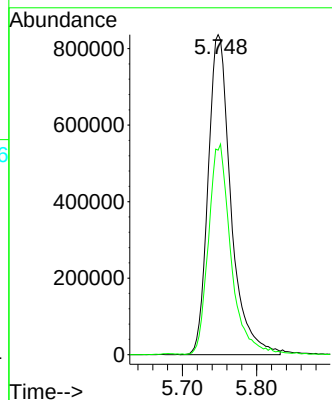
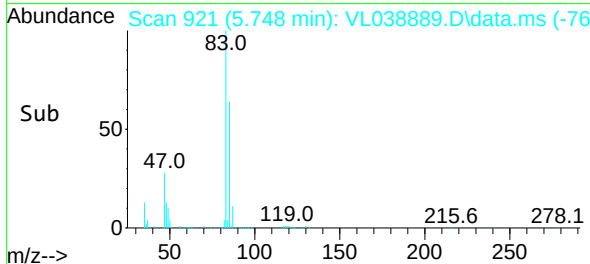
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



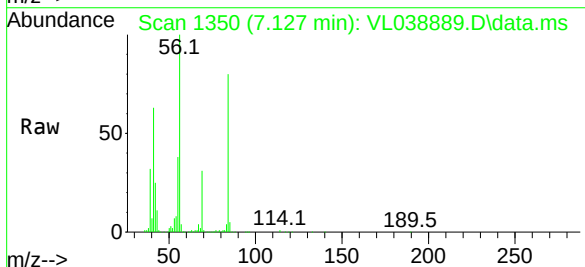
Tgt Ion: 83 Resp: 1780679
Ion Ratio Lower Upper
83 100
85 63.8 52.5 78.7

Manual Integrations
APPROVED

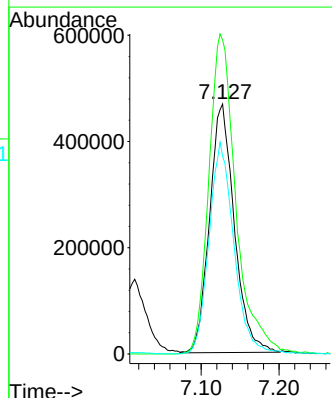
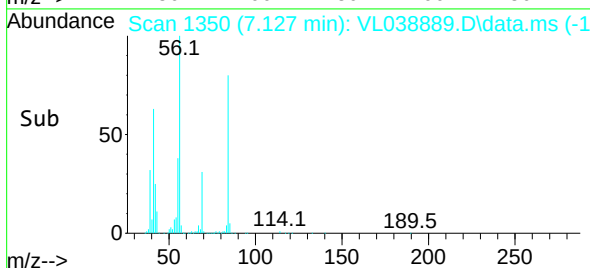
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

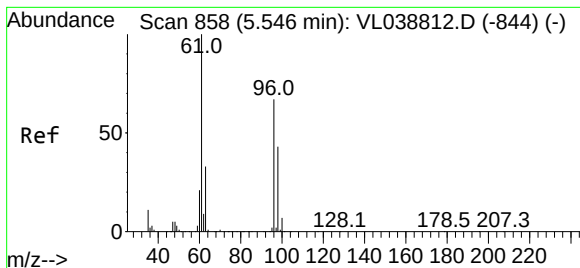


#30
Cyclohexane
Concen: 9.271 ppbv
RT: 7.127 min Scan# 1350
Delta R.T. 0.003 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54



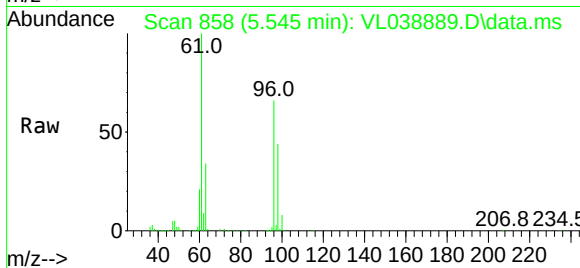
Tgt Ion: 84 Resp: 1033299
Ion Ratio Lower Upper
84 100
56 141.4 114.4 171.6
41 86.2 69.0 103.4





#31
 cis-1,2-Dichloroethene
 Concen: 9.986 ppbv
 RT: 5.545 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VL038889.D
 Acq: 12 Apr 2022 12:54

Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010

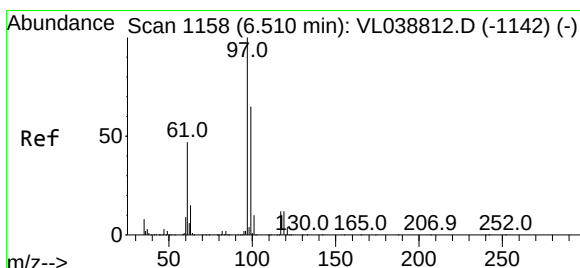
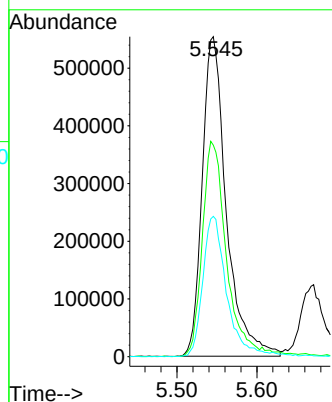
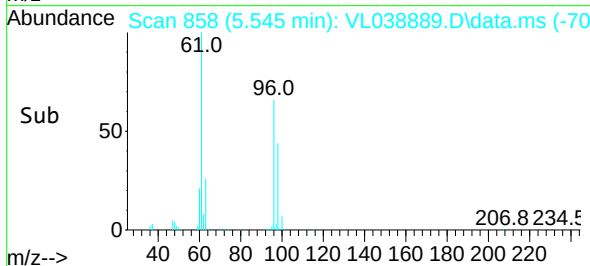


Tgt Ion: 61 Resp: 116109

Ion	Ratio	Lower	Upper
61	100		
96	66.1	53.4	80.0
98	43.8	34.2	51.4

Manual Integrations
 APPROVED

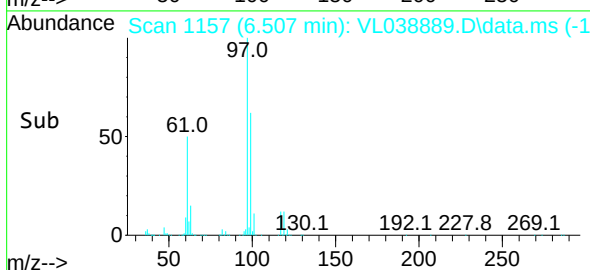
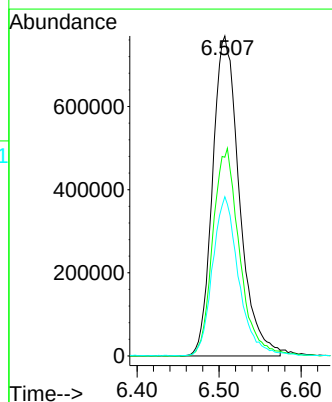
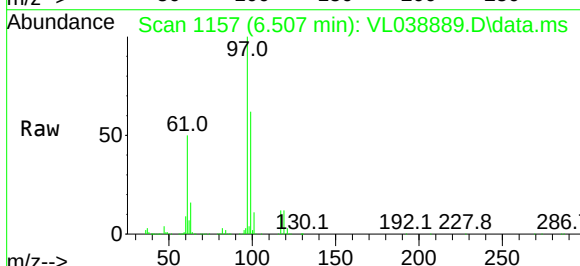
Reviewed By :Semsettin Yesilyurt 04/13/2022
 Supervised By :Mahesh Dadoda 04/14/2022

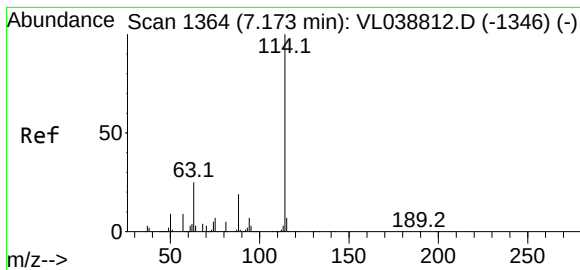


#32
 1,1,1-Trichloroethane
 Concen: 9.814 ppbv
 RT: 6.507 min Scan# 1157
 Delta R.T. -0.003 min
 Lab File: VL038889.D
 Acq: 12 Apr 2022 12:54

Tgt Ion: 97 Resp: 1749434

Ion	Ratio	Lower	Upper
97	100		
99	64.9	52.4	78.6
61	48.8	38.6	57.8





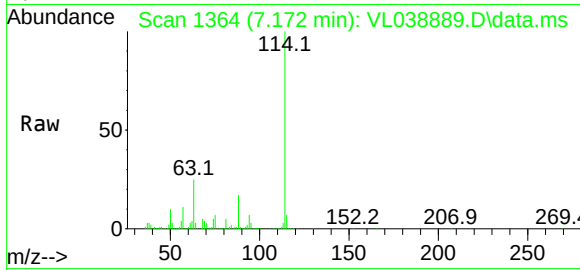
#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.172 min Scan# 114
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

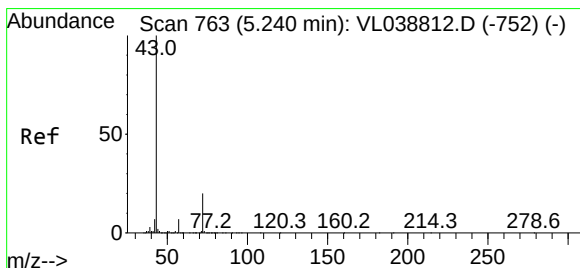
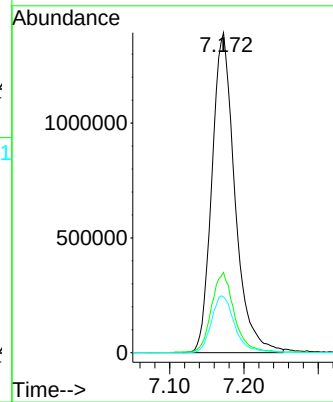
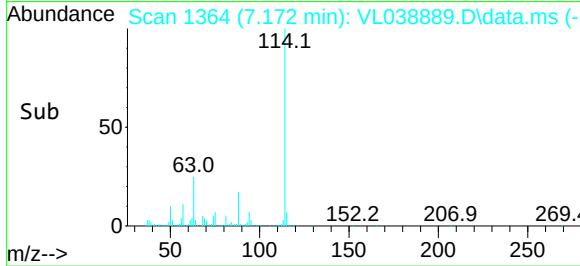


Tgt Ion:114 Resp: 2991927
Ion Ratio Lower Upper
114 100
63 25.4 19.8 29.8
88 18.1 14.2 21.4

Manual Integrations

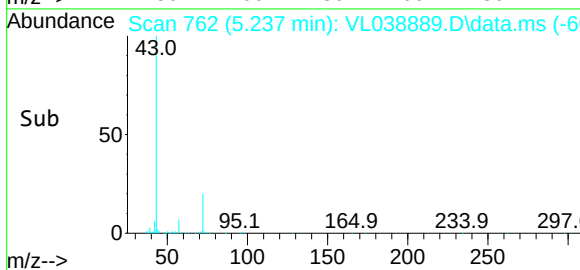
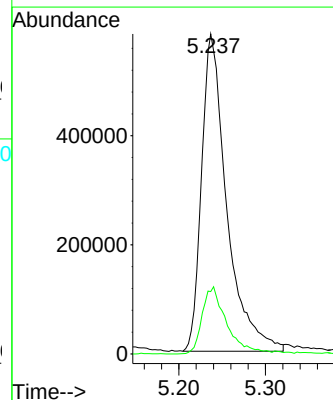
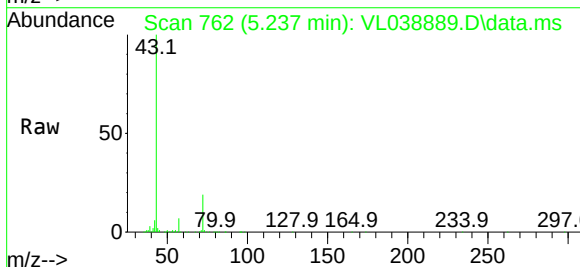
APPROVED

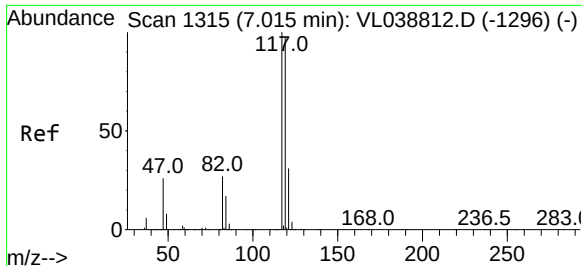
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#34
2-Butanone
Concen: 9.946 ppbv
RT: 5.237 min Scan# 762
Delta R.T. -0.003 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

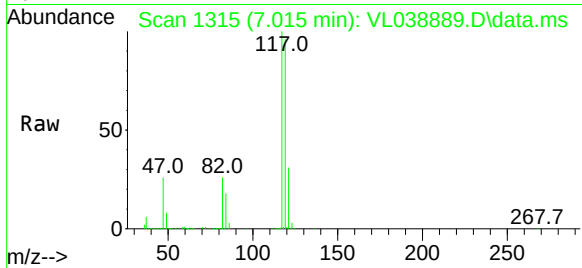
Tgt Ion: 43 Resp: 1175826
Ion Ratio Lower Upper
43 100
72 21.6 16.9 25.3





#35
Carbon Tetrachloride
Concen: 10.004 ppbv
RT: 7.015 min Scan# 117
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

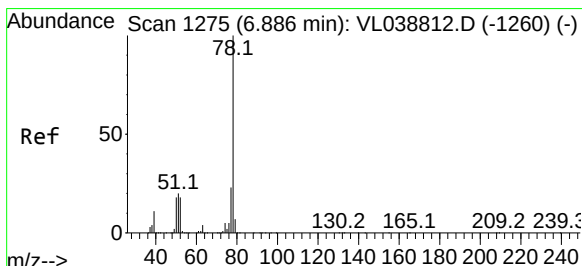
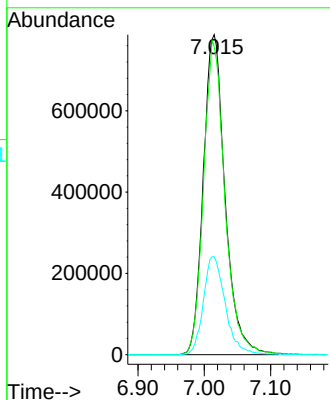
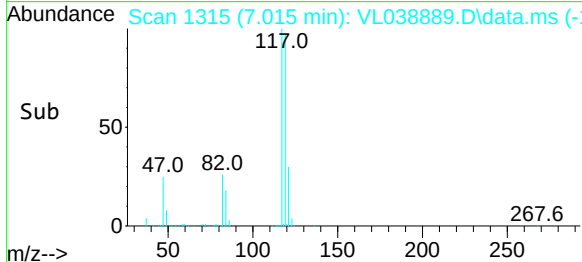
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 117 Resp: 1794400
Ion Ratio Lower Upper
117 100
119 96.2 77.7 116.5
121 30.6 24.5 36.7

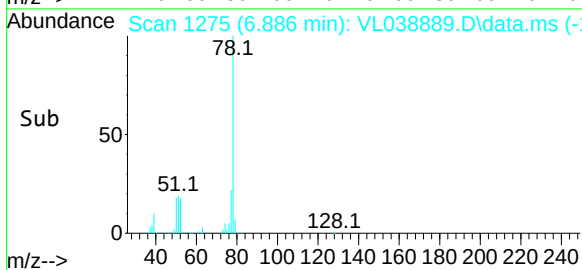
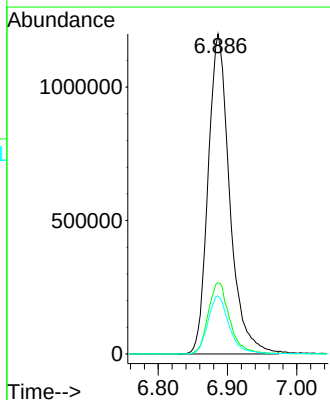
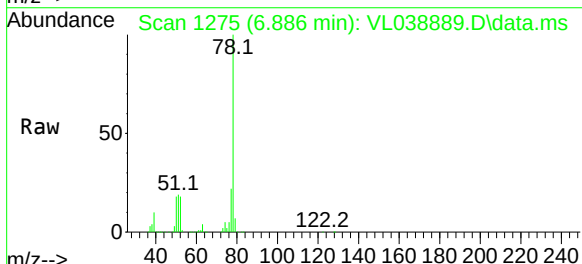
Manual Integrations
APPROVED

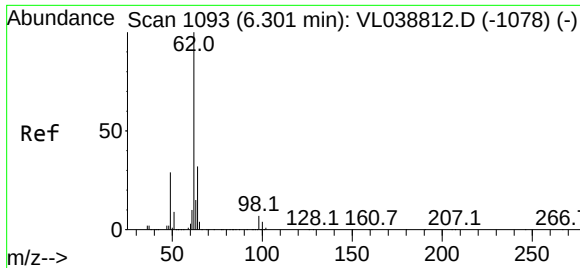
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#36
Benzene
Concen: 9.520 ppbv
RT: 6.886 min Scan# 1275
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

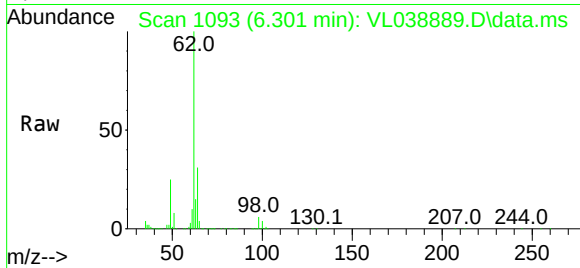
Tgt Ion: 78 Resp: 2591059
Ion Ratio Lower Upper
78 100
77 22.3 18.2 27.2
50 18.2 14.0 21.0





#37
1,2-Dichloroethane
Concen: 10.648 ppbv
RT: 6.301 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

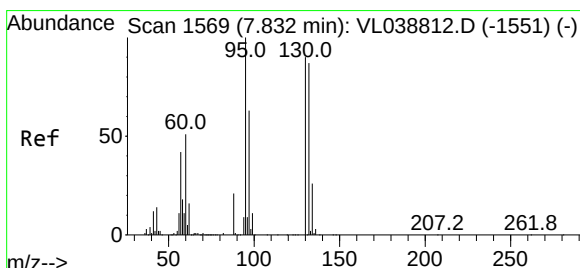
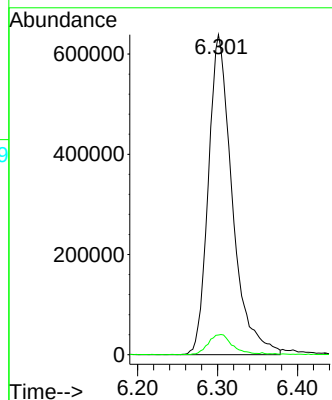
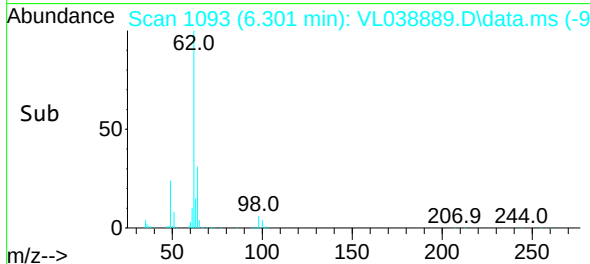
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



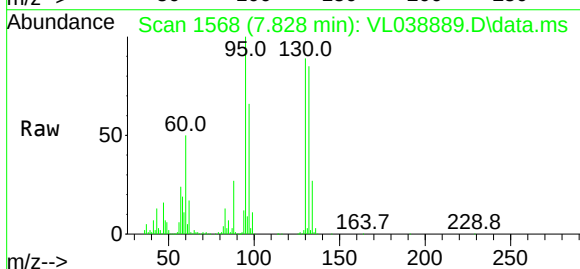
Tgt Ion: 62 Resp: 132509
Ion Ratio Lower Upper
62 100
98 6.8 5.9 8.9

Manual Integrations
APPROVED

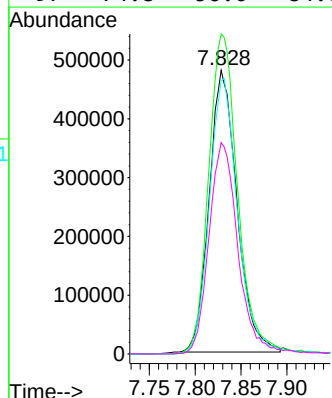
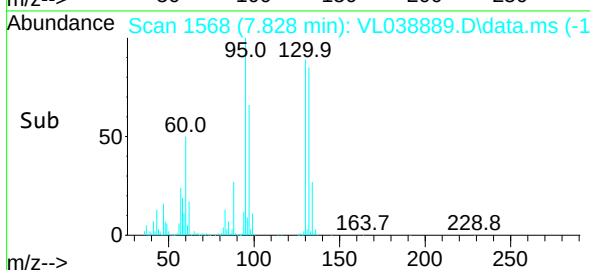
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

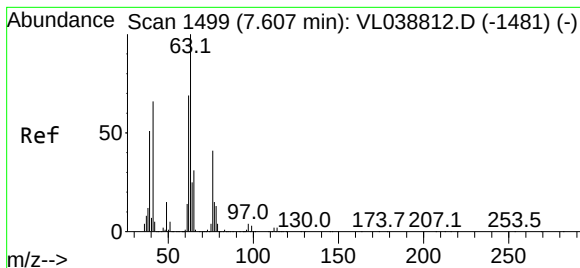


#38
Trichloroethene
Concen: 9.070 ppbv
RT: 7.828 min Scan# 1568
Delta R.T. -0.003 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54



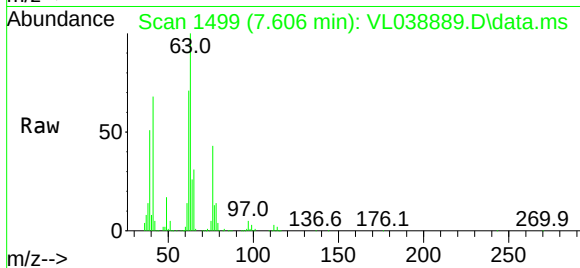
Tgt Ion:130 Resp: 1012985
Ion Ratio Lower Upper
130 100
95 113.2 89.4 134.0
132 96.6 77.7 116.5
97 74.8 56.0 84.0





#39
1,2-Dichloropropane
Concen: 9.610 ppbv
RT: 7.606 min Scan# 1499
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

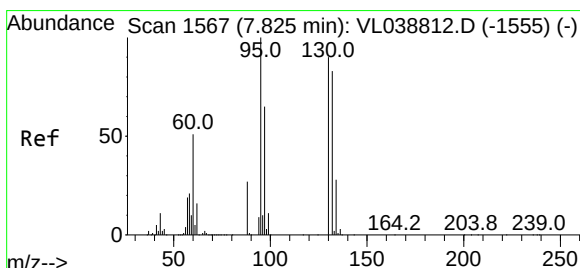
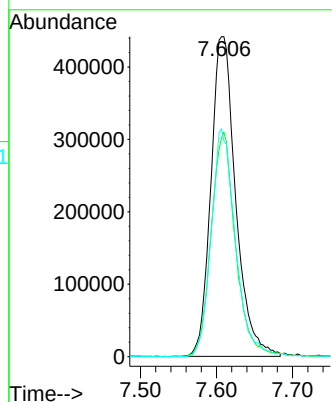
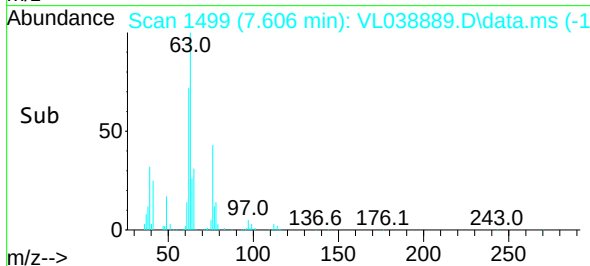
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 63 Resp: 1000502
Ion Ratio Lower Upper
63 100
41 68.3 53.0 79.6
62 71.2 55.0 82.4

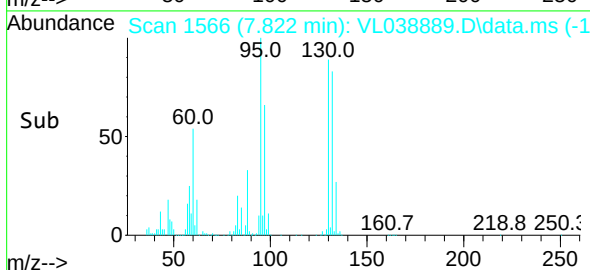
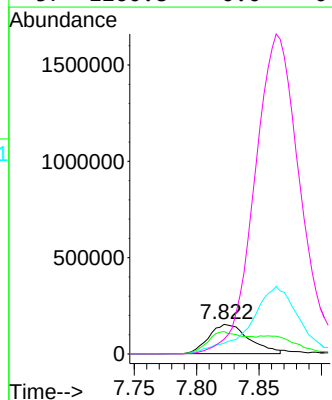
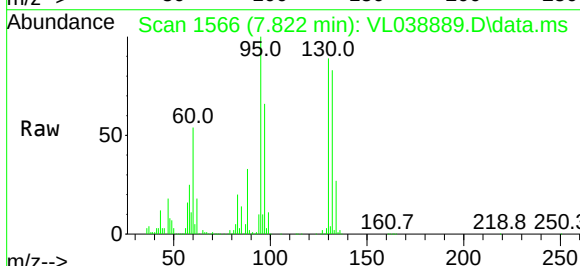
Manual Integrations
APPROVED

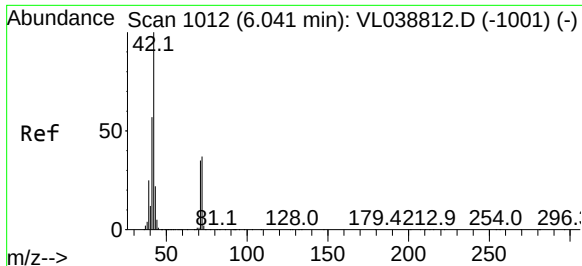
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#40
1,4-Dioxane
Concen: 9.597 ppbv
RT: 7.822 min Scan# 1566
Delta R.T. -0.003 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

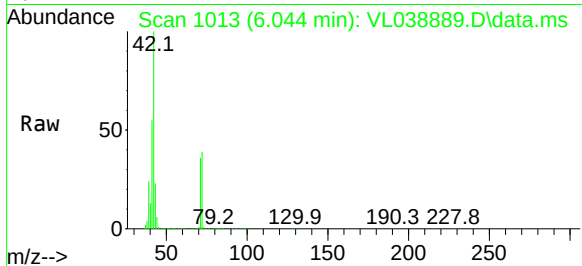
Tgt Ion: 88 Resp: 339270
Ion Ratio Lower Upper
88 100
58 138.5 49.4 74.0#
43 285.7 0.0 0.0#
57 1260.8 0.0 0.0#





#41
Tetrahydrofuran
Concen: 9.750 ppbv
RT: 6.044 min Scan# 1012
Delta R.T. 0.003 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

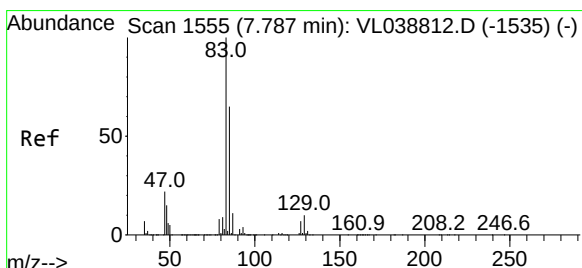
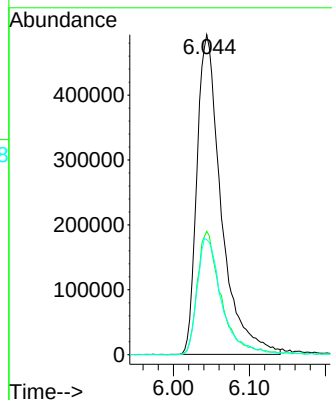
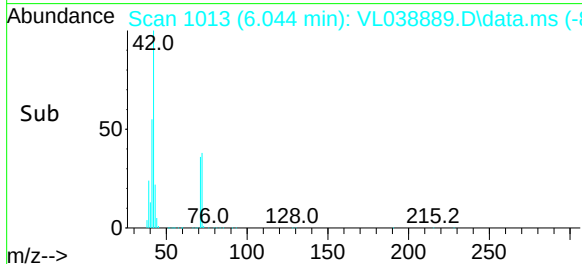
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion: 42 Resp: 1094700
Ion Ratio Lower Upper
42 100
72 38.4 31.4 47.0
71 37.4 30.2 45.4

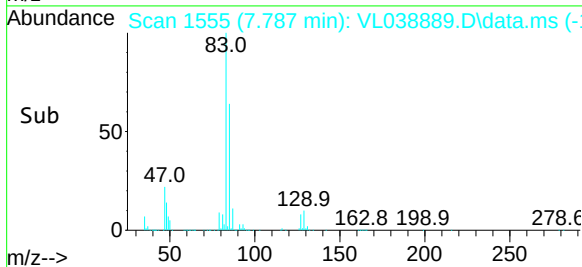
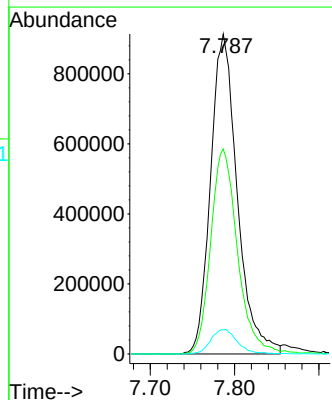
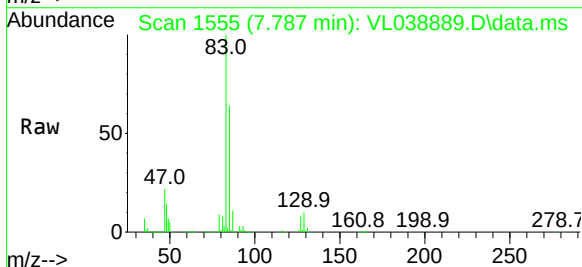
Manual Integrations
APPROVED

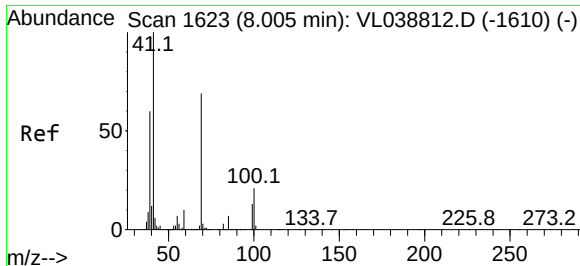
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#42
Bromodichloromethane
Concen: 10.226 ppbv
RT: 7.787 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

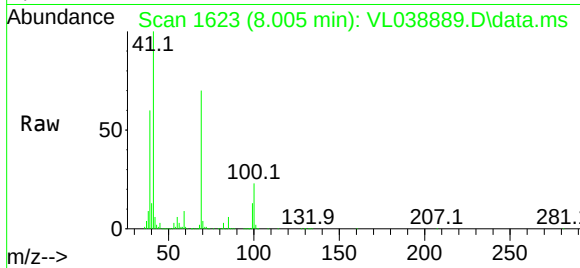
Tgt Ion: 83 Resp: 2009460
Ion Ratio Lower Upper
83 100
85 64.0 51.7 77.5
127 7.6 5.9 8.9





#43
Methyl Methacrylate
Concen: 10.319 ppbv
RT: 8.005 min Scan# 1623
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

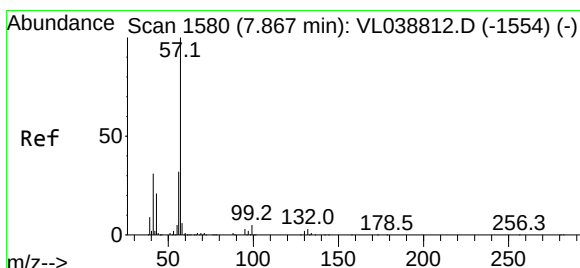
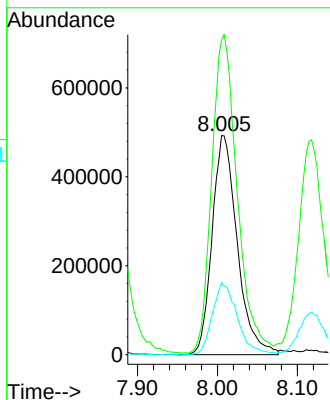
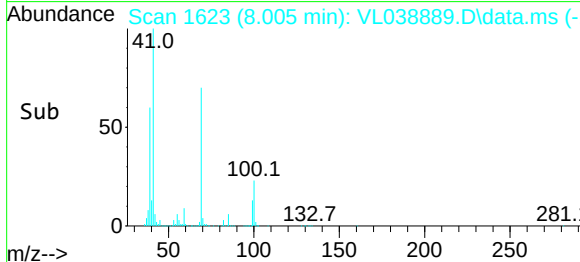
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



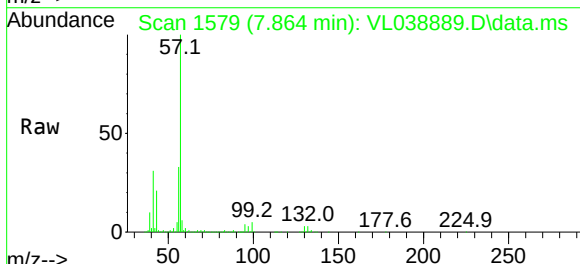
Tgt Ion: 69 Resp: 107576
Ion Ratio Lower Upper
69 100
41 147.9 119.0 178.4
100 32.6 26.4 39.6

Manual Integrations
APPROVED

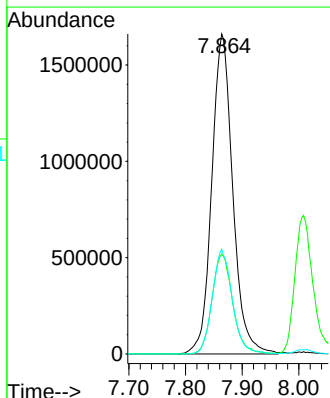
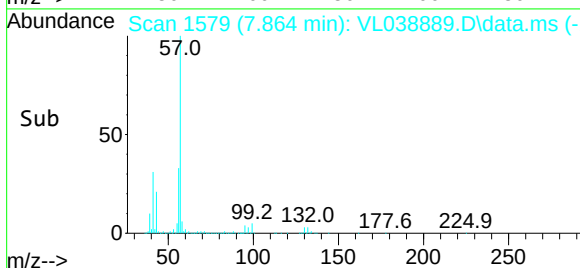
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

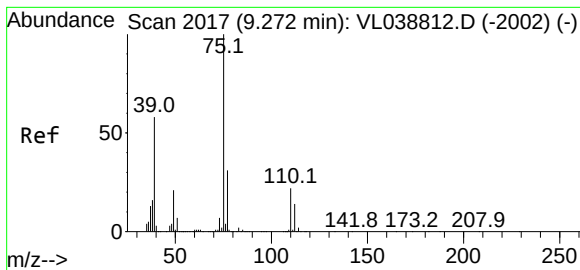


#44
2,2,4-Trimethylpentane
Concen: 9.269 ppbv
RT: 7.864 min Scan# 1579
Delta R.T. -0.003 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54



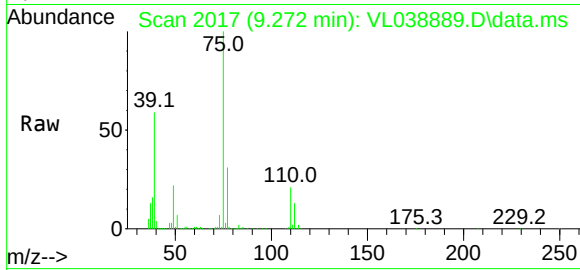
Tgt Ion: 57 Resp: 4271258
Ion Ratio Lower Upper
57 100
41 30.7 25.0 37.4
56 31.2 25.3 37.9





#45
 t-1,3-Dichloropropene
 Concen: 10.465 ppbv
 RT: 9.272 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VL038889.D
 Acq: 12 Apr 2022 12:54

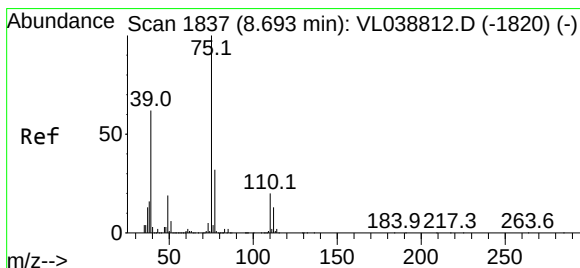
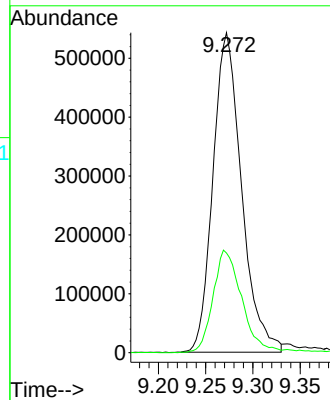
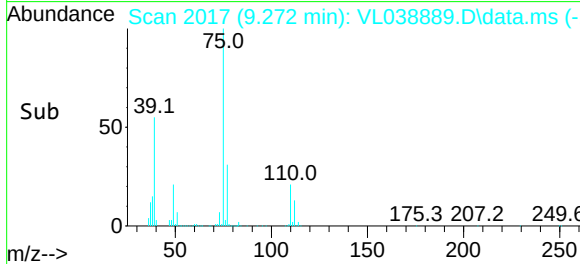
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



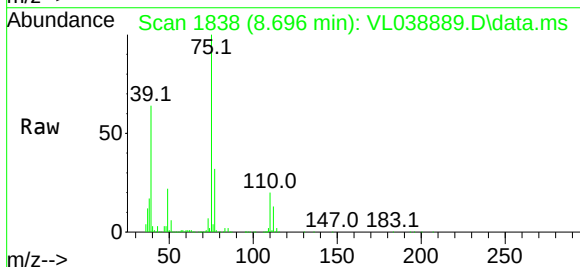
Tgt Ion: 75 Resp: 1140692
 Ion Ratio Lower Upper
 75 100
 77 31.1 25.0 37.4

Manual Integrations
 APPROVED

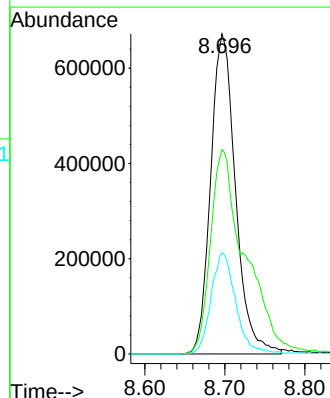
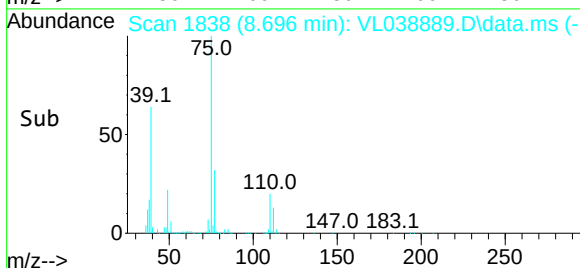
Reviewed By :Semsettin Yesilyurt 04/13/2022
 Supervised By :Mahesh Dadoda 04/14/2022

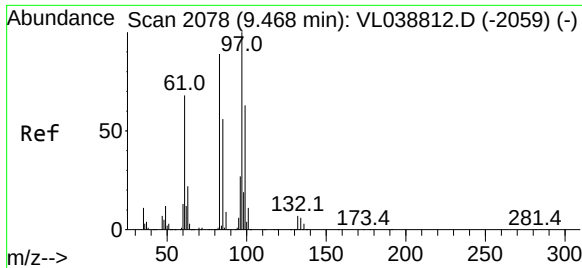


#46
 cis-1,3-Dichloropropene
 Concen: 10.066 ppbv
 RT: 8.696 min Scan# 1838
 Delta R.T. 0.003 min
 Lab File: VL038889.D
 Acq: 12 Apr 2022 12:54



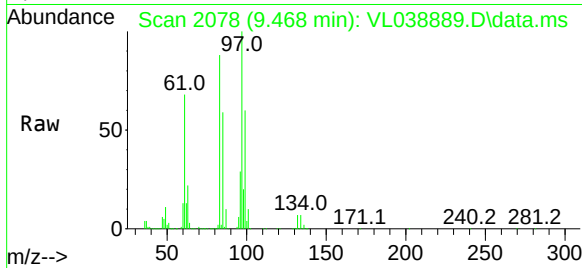
Tgt Ion: 75 Resp: 1446584
 Ion Ratio Lower Upper
 75 100
 39 63.8 49.7 74.5
 77 31.6 25.6 38.4





#47
1,1,2-Trichloroethane
Concen: 9.747 ppbv
RT: 9.468 min Scan# 2078
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

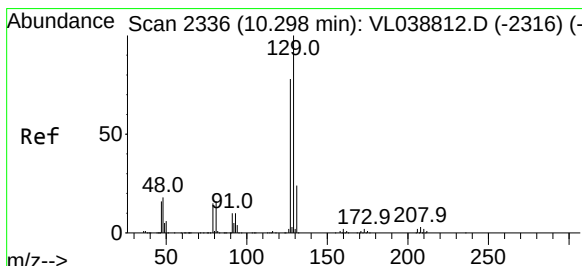
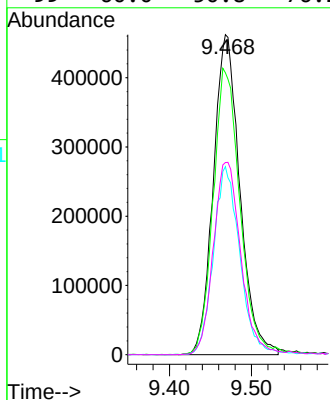
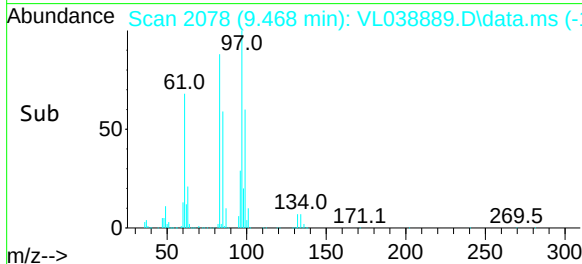


Tgt Ion: 97 Resp: 103971

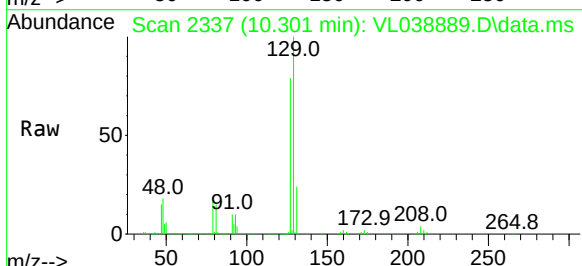
Ion	Ratio	Lower	Upper
97	100		
83	88.0	71.1	106.7
85	58.7	45.1	67.7
99	60.0	50.8	76.2

Manual Integrations
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Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

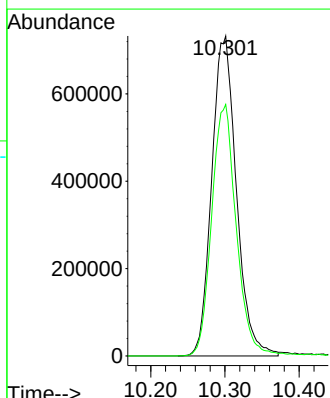
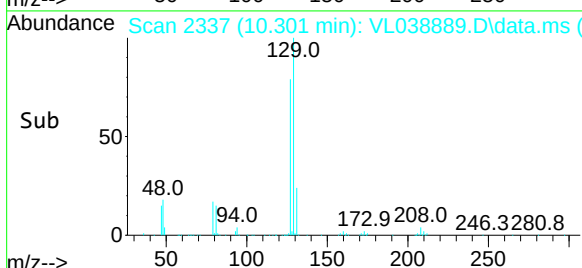


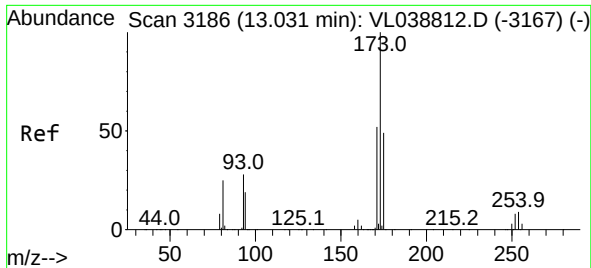
#48
Dibromochloromethane
Concen: 10.125 ppbv
RT: 10.301 min Scan# 2337
Delta R.T. 0.003 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54



Tgt Ion:129 Resp: 1692872

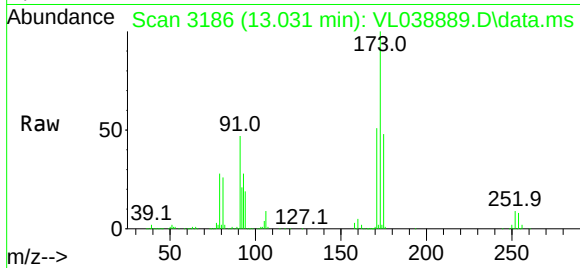
Ion	Ratio	Lower	Upper
129	100		
127	79.0	38.9	116.6





#49
Bromoform
Concen: 9.997 ppbv
RT: 13.031 min Scan# 3186
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

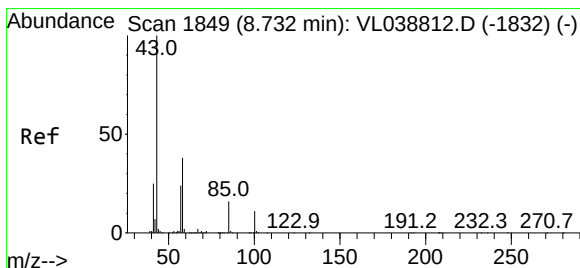
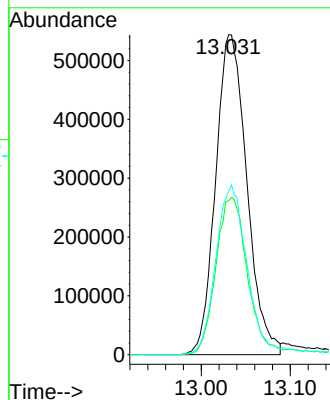
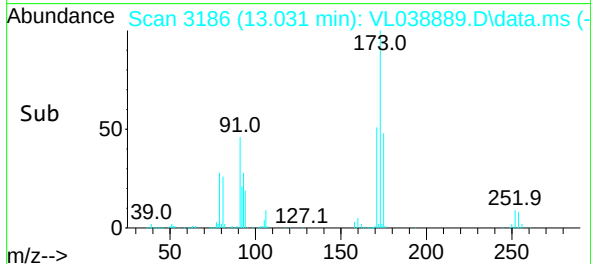
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:173 Resp: 132378
Ion Ratio Lower Upper
173 100
175 52.4 39.9 59.9
171 55.6 43.4 65.0

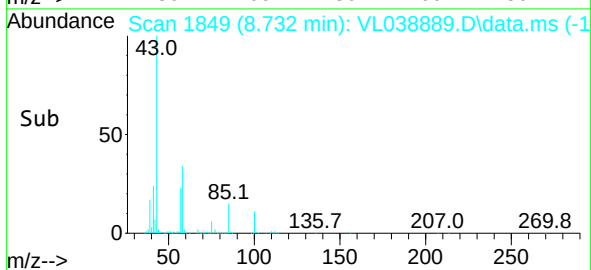
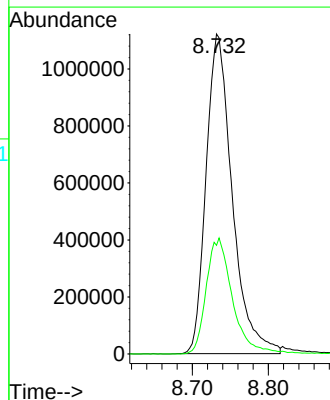
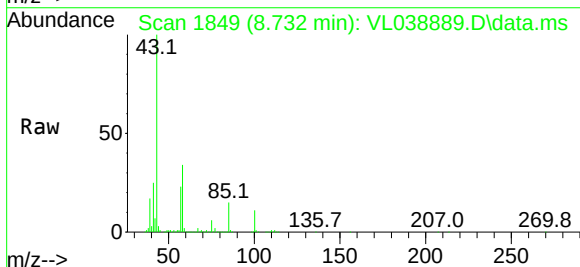
Manual Integrations
APPROVED

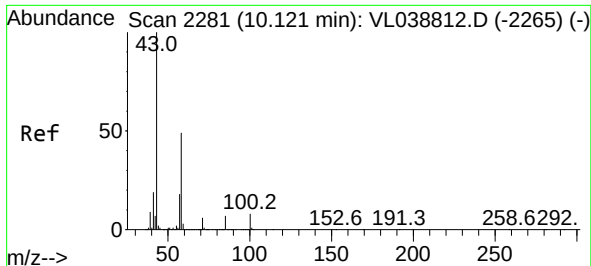
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#50
4-Methyl-2-Pentanone
Concen: 10.061 ppbv
RT: 8.732 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

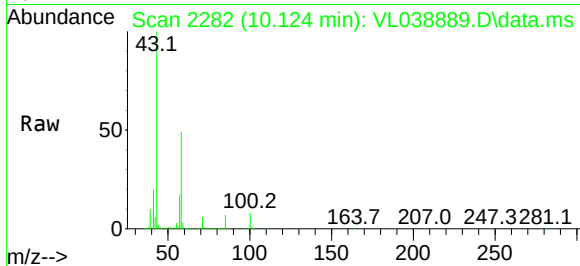
Tgt Ion: 43 Resp: 2675477
Ion Ratio Lower Upper
43 100
58 36.8 29.0 43.6





#51
2-Hexanone
Concen: 10.721 ppbv
RT: 10.124 min Scan# 2148100
Delta R.T. 0.003 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

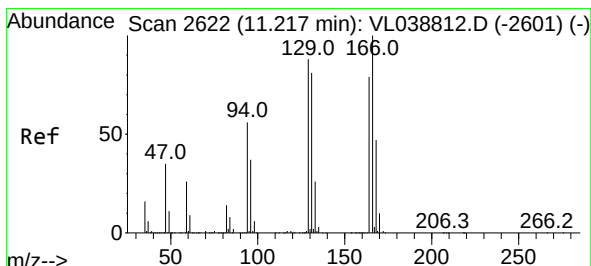
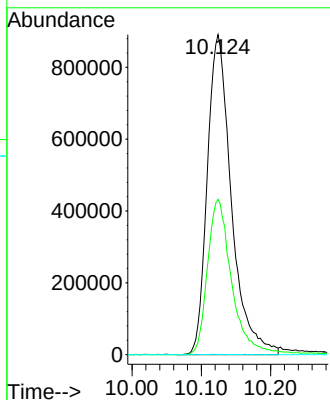
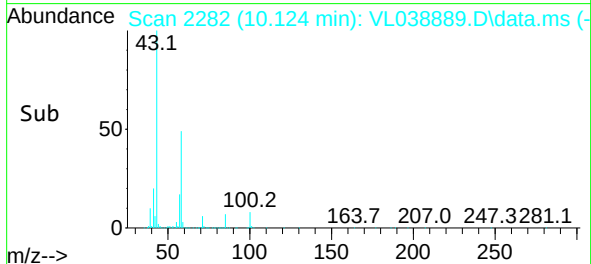
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



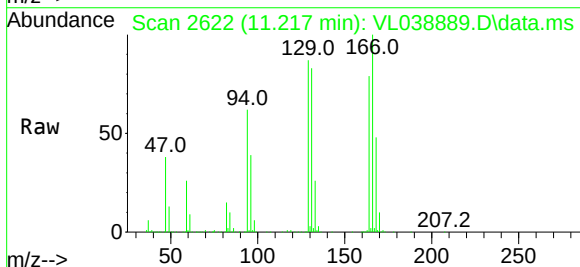
Tgt Ion: 43 Resp: 2148100
Ion Ratio Lower Upper
43 100
58 49.9 41.4 62.0
98 0.1 0.1 0.1

Manual Integrations
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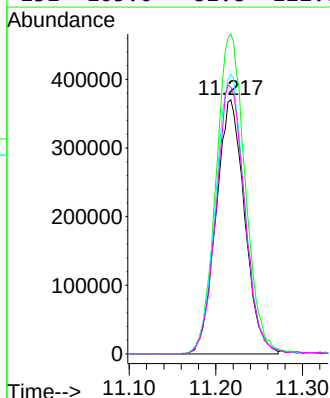
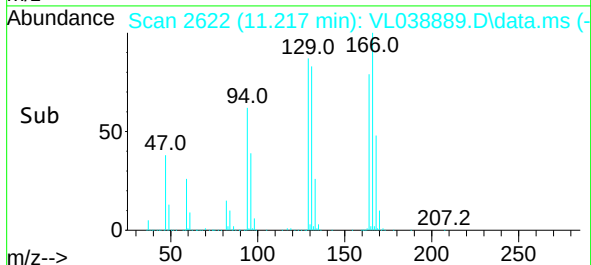
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

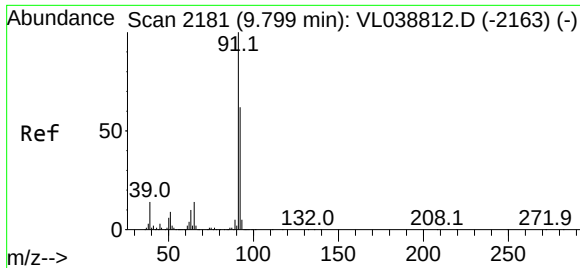


#52
Tetrachloroethene
Concen: 8.932 ppbv
RT: 11.217 min Scan# 2622
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54



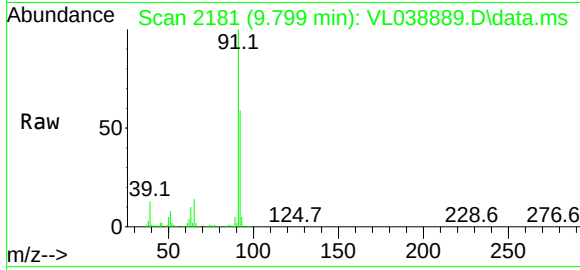
Tgt Ion:164 Resp: 849198
Ion Ratio Lower Upper
164 100
166 126.0 101.0 151.6
129 110.0 88.7 133.1
131 105.0 81.8 122.6





#53
Toluene
Concen: 9.514 ppbv
RT: 9.799 min Scan# 2181
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

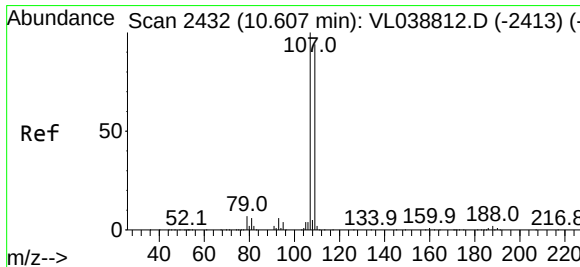
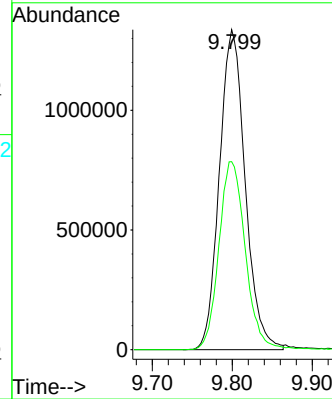
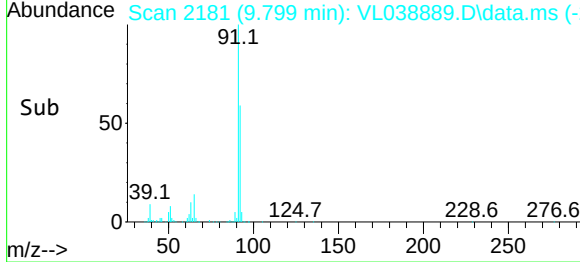
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



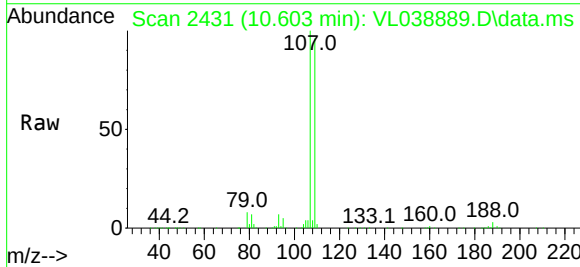
Tgt Ion: 91 Resp: 2989340
Ion Ratio Lower Upper
91 100
92 60.5 49.2 73.8

Manual Integrations
APPROVED

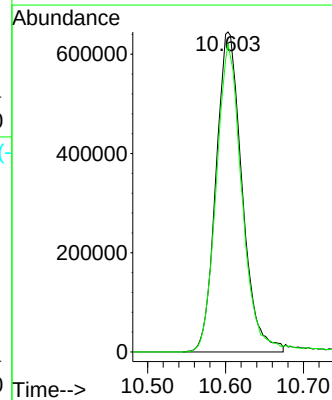
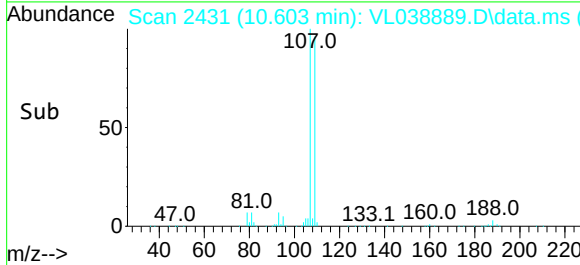
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

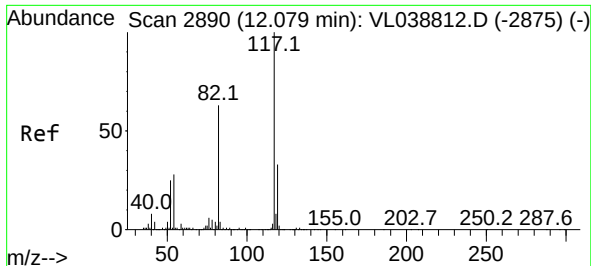


#54
1,2-Dibromoethane
Concen: 10.127 ppbv
RT: 10.603 min Scan# 2431
Delta R.T. -0.003 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54



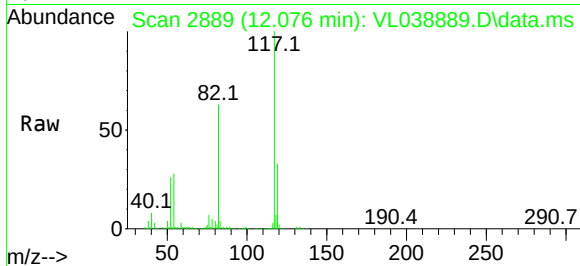
Tgt Ion:107 Resp: 1500617
Ion Ratio Lower Upper
107 100
109 96.1 75.5 113.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.076 min Scan# 2889
Delta R.T. -0.003 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

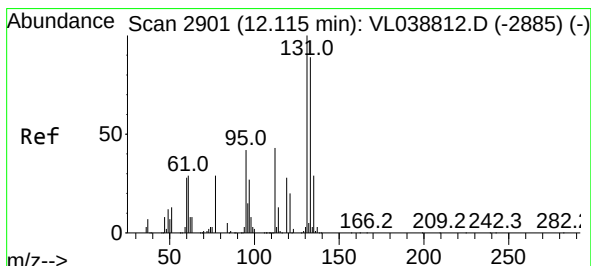
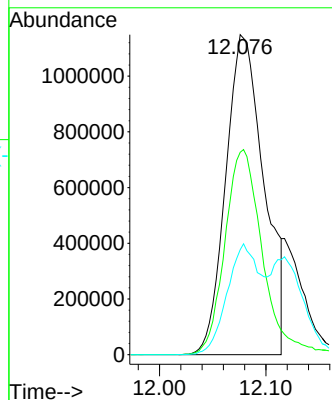
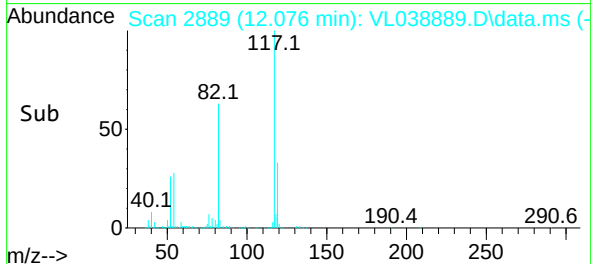
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



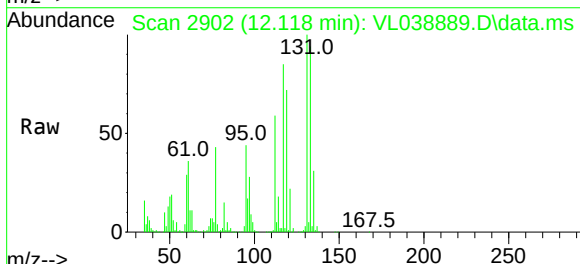
Tgt Ion:117 Resp: 288001
Ion Ratio Lower Upper
117 100
82 63.4 53.0 79.6
119 29.1 24.9 37.3

Manual Integrations
APPROVED

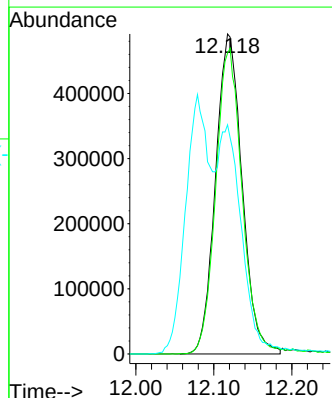
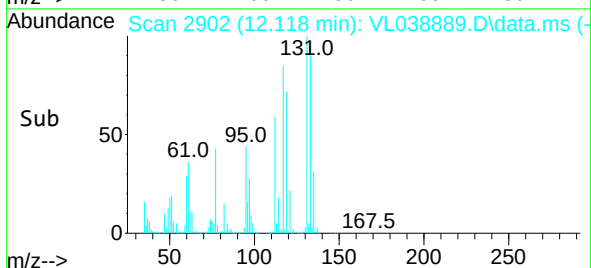
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

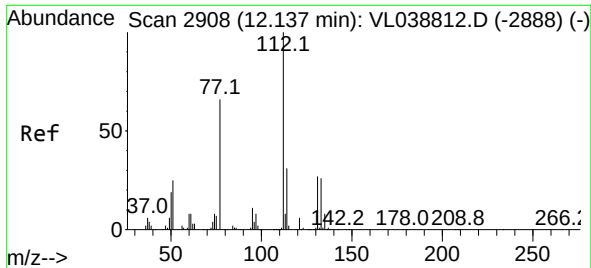


#56
1,1,1,2-Tetrachloroethane
Concen: 9.205 ppbv
RT: 12.118 min Scan# 2902
Delta R.T. 0.003 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54



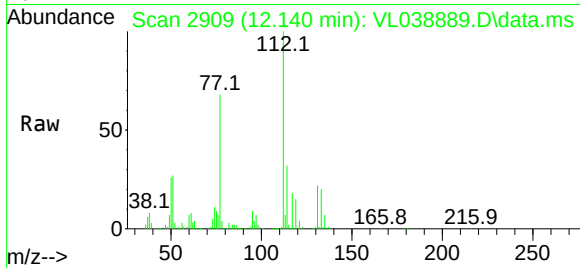
Tgt Ion:131 Resp: 1161738
Ion Ratio Lower Upper
131 100
133 96.9 78.2 117.4
119 58.3 58.6 87.8#





#57
Chlorobenzene
Concen: 8.910 ppbv
RT: 12.140 min Scan# 2909
Delta R.T. 0.003 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

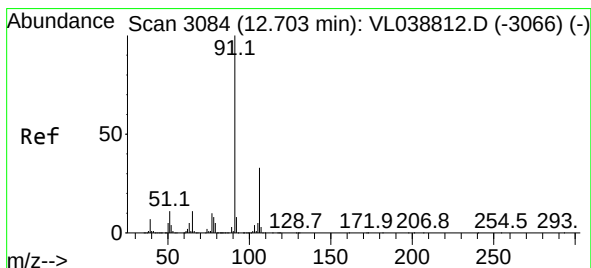
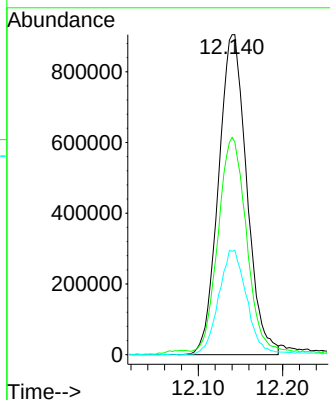
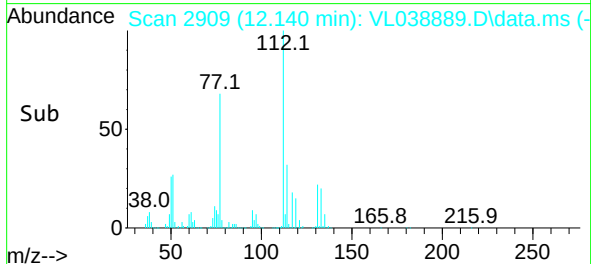
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



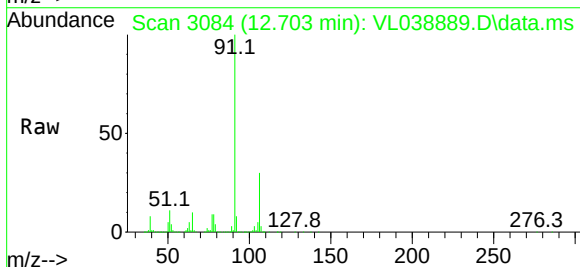
Tgt Ion:112 Resp: 210168
Ion Ratio Lower Upper
112 100
77 66.7 52.4 78.6
114 32.2 28.1 34.3

Manual Integrations
APPROVED

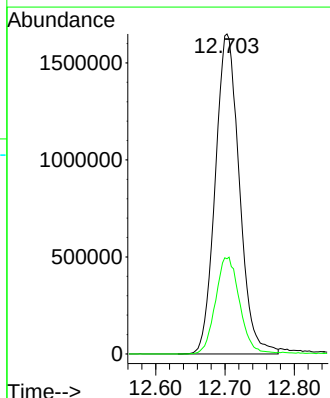
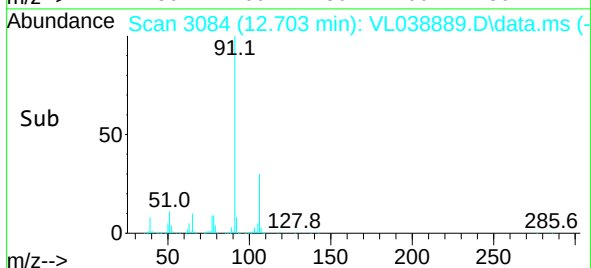
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

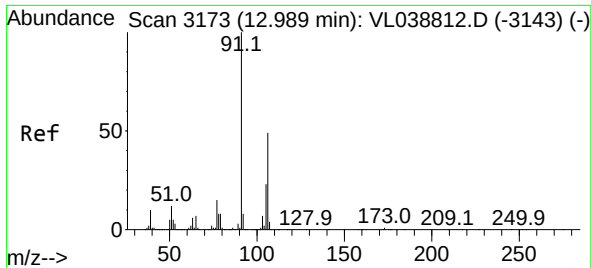


#58
Ethyl Benzene
Concen: 9.250 ppbv
RT: 12.703 min Scan# 3084
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54



Tgt Ion: 91 Resp: 3980769
Ion Ratio Lower Upper
91 100
106 29.8 26.7 40.1





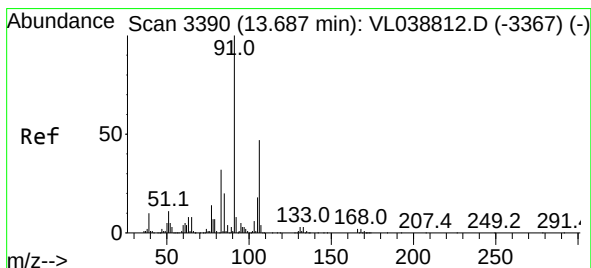
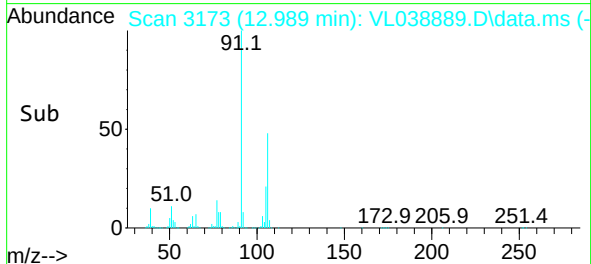
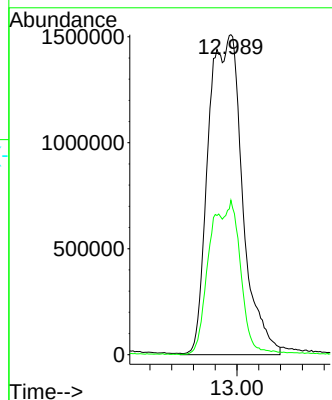
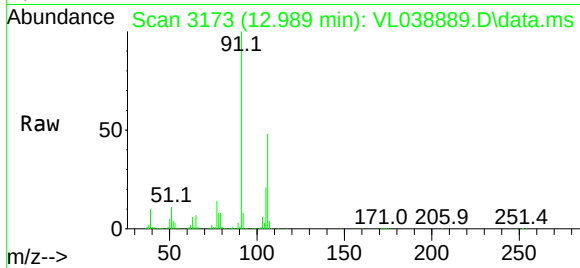
#59
m/p-Xylene
Concen: 18.161 ppbv m
RT: 12.989 min Scan# 3173
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010

Tgt Ion: 91 Resp: 6566259
Ion Ratio Lower Upper
91 100
106 44.3 37.1 55.7

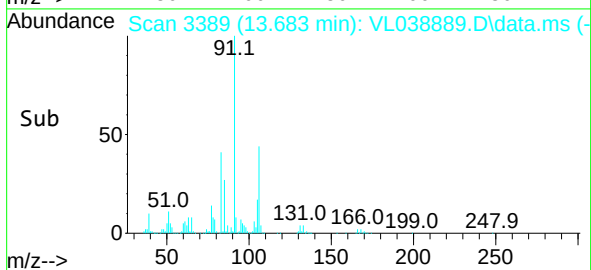
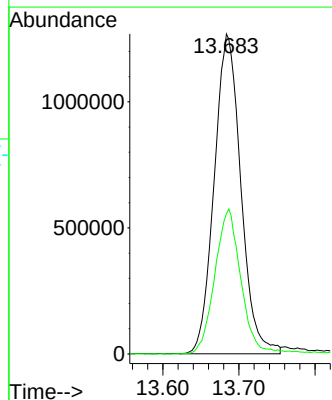
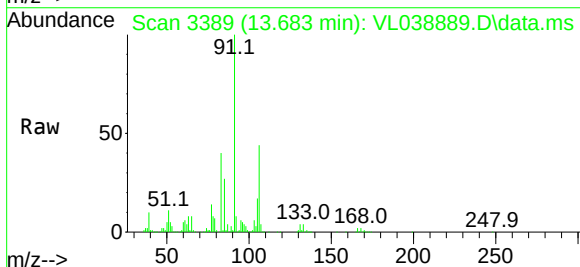
Manual Integrations
APPROVED

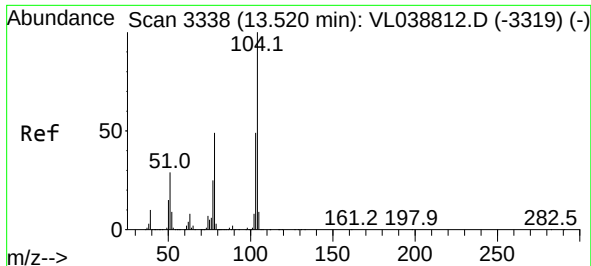
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#60
o-Xylene
Concen: 9.112 ppbv
RT: 13.683 min Scan# 3389
Delta R.T. -0.003 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

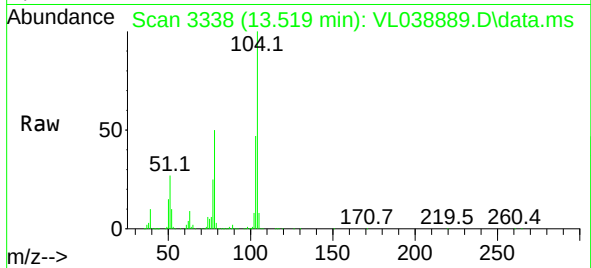
Tgt Ion: 91 Resp: 3082898
Ion Ratio Lower Upper
91 100
106 45.4 23.8 71.4





#61
Styrene
Concen: 9.556 ppbv
RT: 13.519 min Scan# 311
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

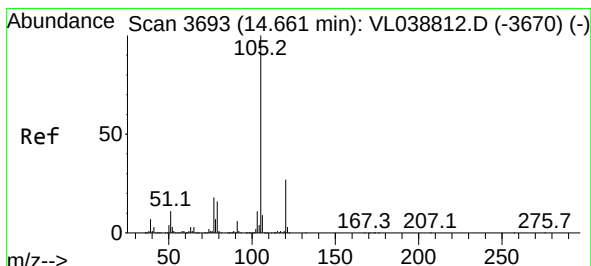
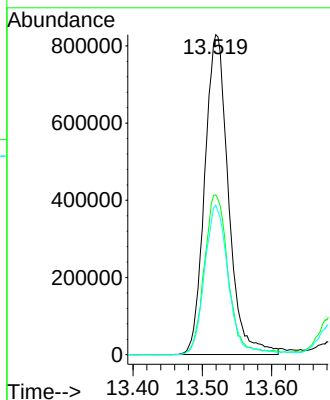
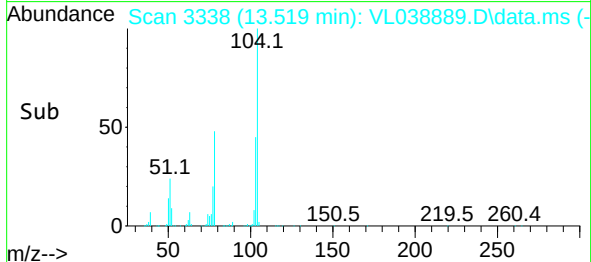
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



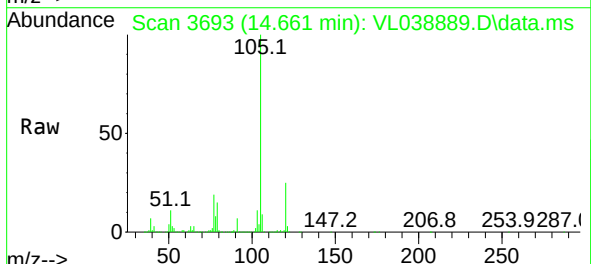
Tgt Ion:104 Resp: 1969759
Ion Ratio Lower Upper
104 100
78 51.0 40.5 60.7
103 47.2 39.0 58.4

Manual Integrations
APPROVED

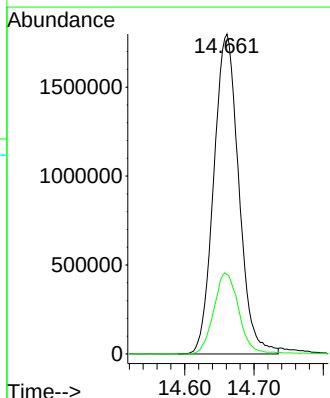
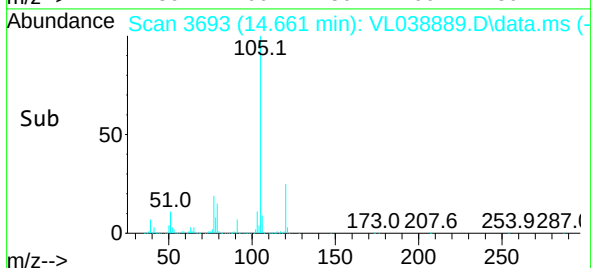
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

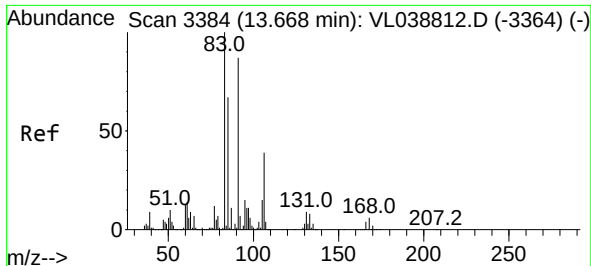


#62
Isopropylbenzene
Concen: 8.896 ppbv
RT: 14.661 min Scan# 3693
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54



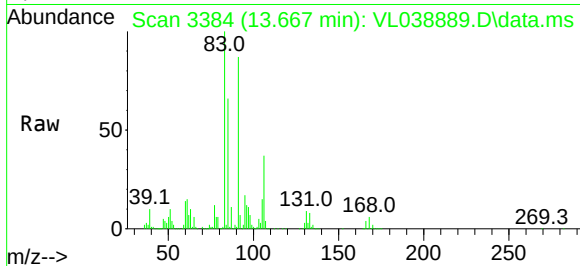
Tgt Ion:105 Resp: 4517743
Ion Ratio Lower Upper
105 100
120 25.7 21.8 32.8





#63
1,1,2,2-Tetrachloroethane
Concen: 9.059 ppbv
RT: 13.667 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

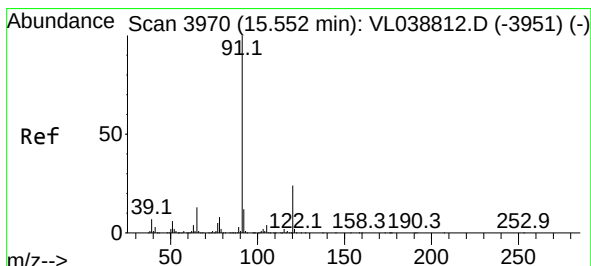
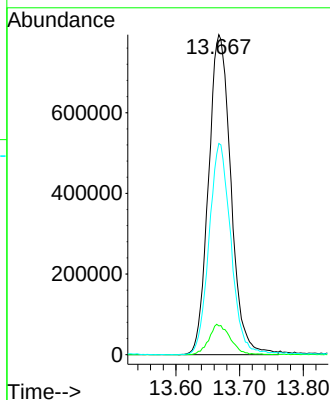
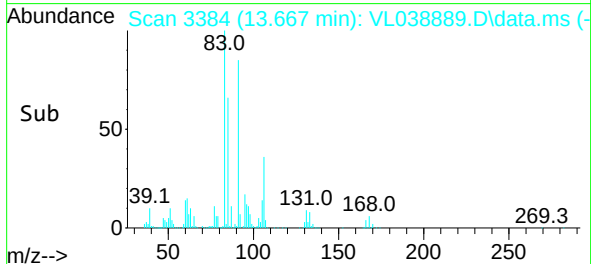
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



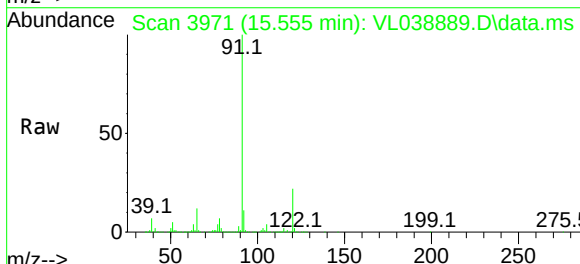
Tgt Ion: 83 Resp: 1941244
Ion Ratio Lower Upper
83 100
131 9.1 4.6 13.8
85 64.9 33.0 99.0

Manual Integrations
APPROVED

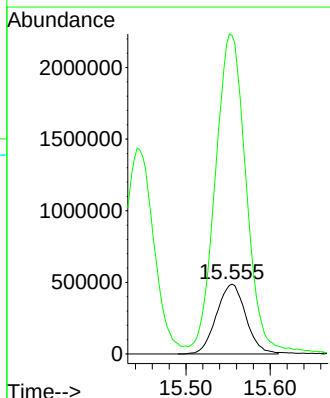
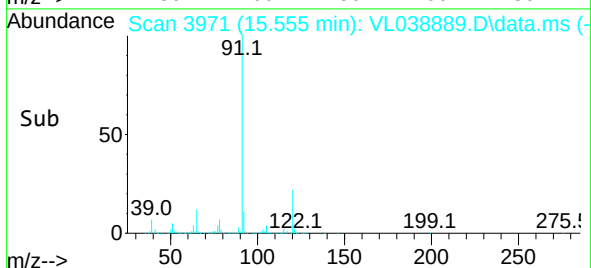
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

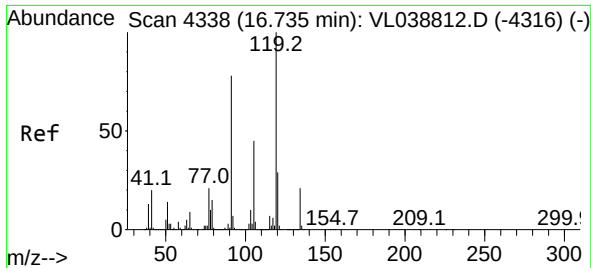


#64
n-propylbenzene
Concen: 8.936 ppbv
RT: 15.555 min Scan# 3971
Delta R.T. 0.003 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54



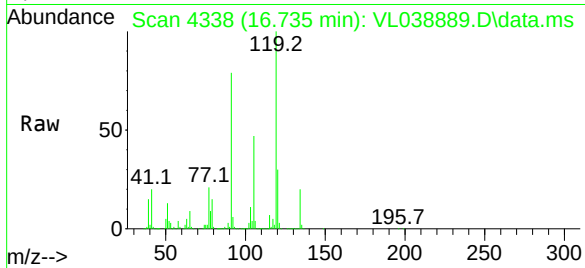
Tgt Ion:120 Resp: 1178219
Ion Ratio Lower Upper
120 100
91 485.3 360.6 540.8





#65
tert-Butylbenzene
Concen: 8.607 ppbv
RT: 16.735 min Scan# 41
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

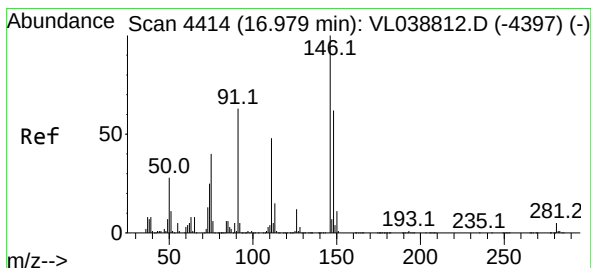
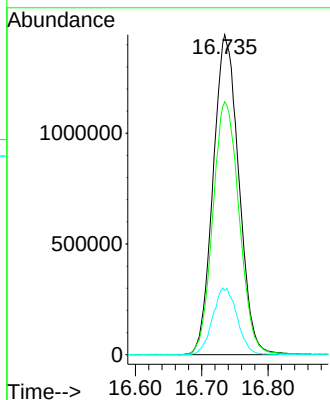
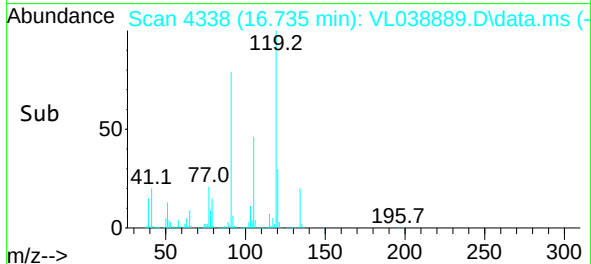
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



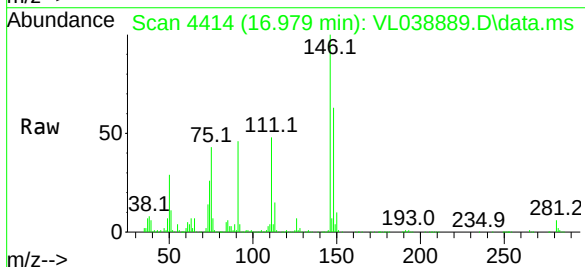
Tgt Ion: 119 Resp: 387788
Ion Ratio Lower Upper
119 100
91 81.2 62.8 94.2
134 20.0 16.2 24.4

Manual Integrations
APPROVED

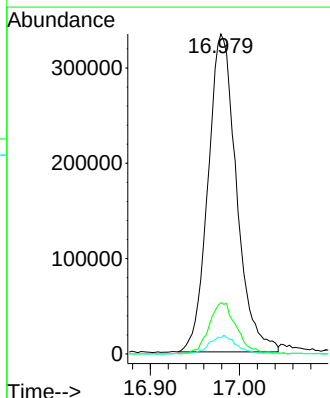
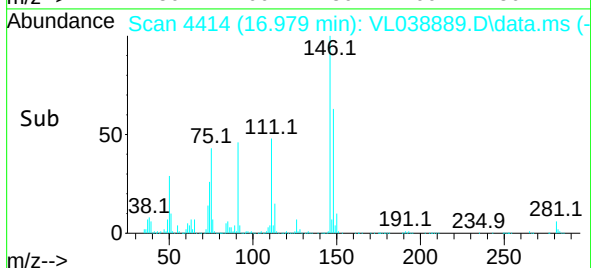
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

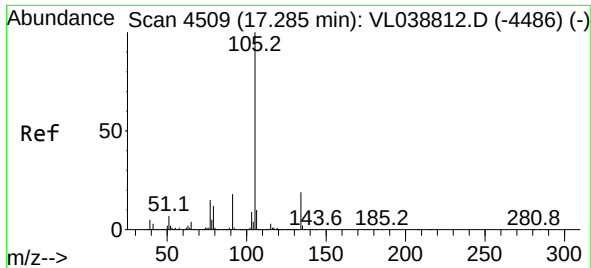


#66
Benzyl Chloride
Concen: 8.073 ppbv
RT: 16.979 min Scan# 4414
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54



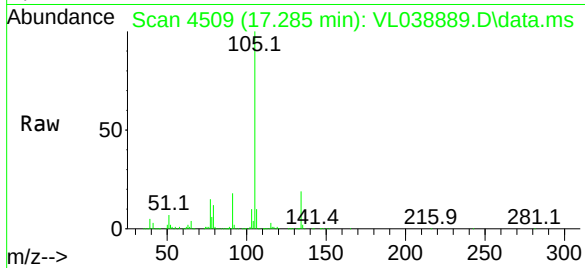
Tgt Ion: 91 Resp: 740486
Ion Ratio Lower Upper
91 100
126 15.9 15.4 23.0
128 5.7 4.7 7.1





#67
 sec-Butylbenzene
 Concen: 8.915 ppbv
 RT: 17.285 min Scan# 4509
 Delta R.T. -0.000 min
 Lab File: VL038889.D
 Acq: 12 Apr 2022 12:54

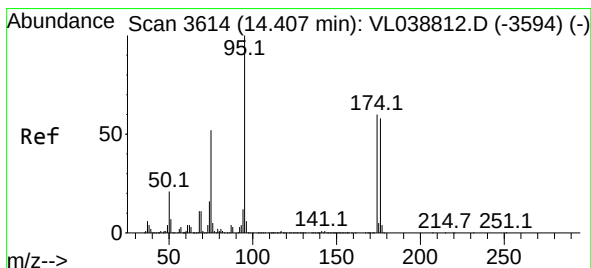
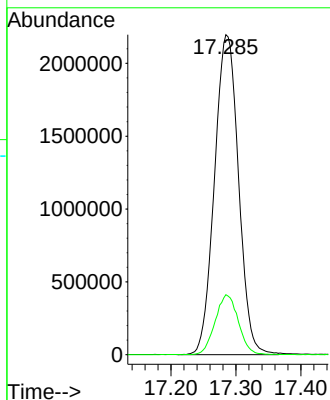
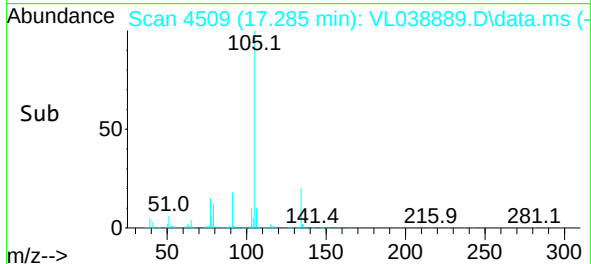
Instrument :
 MSVOA_L
 ClientSampleId :
 VSTDCCC010



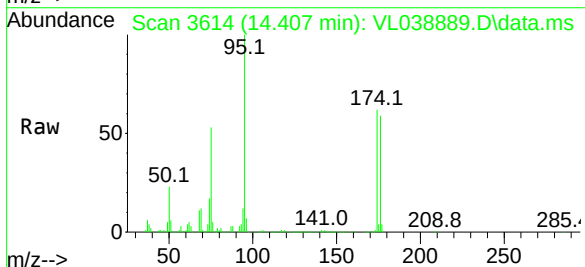
Tgt Ion: 105 Resp: 563634
 Ion Ratio Lower Upper
 105 100
 134 18.1 15.1 22.7

Manual Integrations
 APPROVED

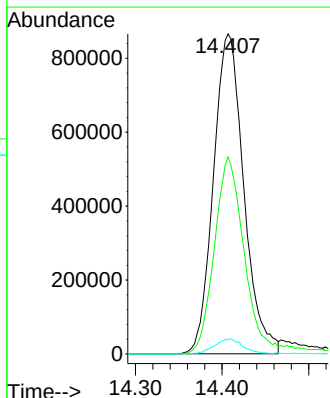
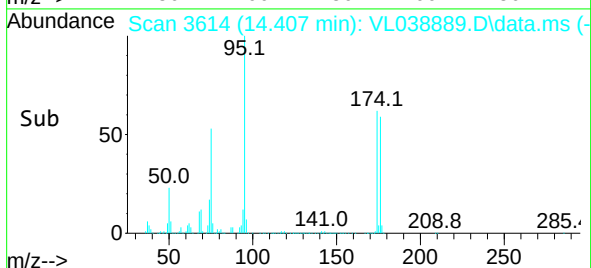
Reviewed By :Semsettin Yesilyurt 04/13/2022
 Supervised By :Mahesh Dadoda 04/14/2022

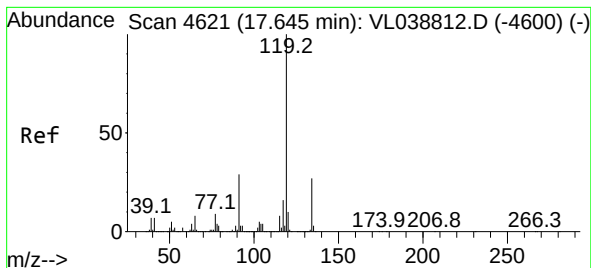


#68
 1-Bromo-4-Fluorobenzene
 Concen: 9.629 ppbv
 RT: 14.407 min Scan# 3614
 Delta R.T. -0.000 min
 Lab File: VL038889.D
 Acq: 12 Apr 2022 12:54



Tgt Ion: 95 Resp: 2103552
 Ion Ratio Lower Upper
 95 100
 174 63.4 52.0 78.0
 175 4.7 4.0 6.0





#69

p-Isopropyltoluene

Concen: 8.964 ppbv

RT: 17.645 min Scan# 4621

Delta R.T. -0.000 min

Lab File: VL038889.D

Acq: 12 Apr 2022 12:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010

Tgt Ion: 119 Resp: 4653028

Ion Ratio Lower Upper

119 100

134 25.7 20.8 31.2

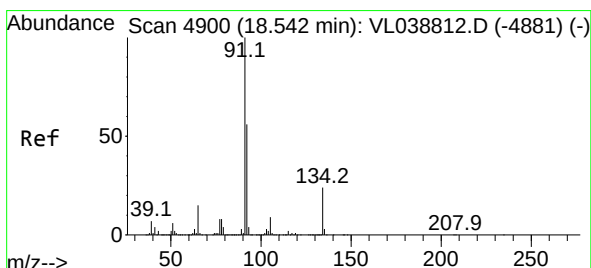
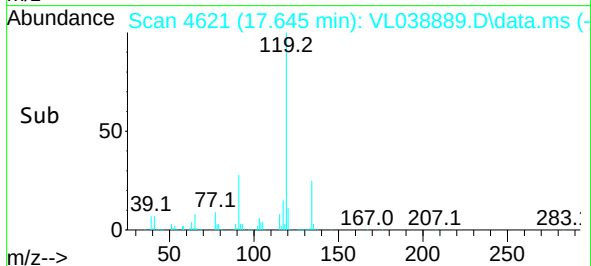
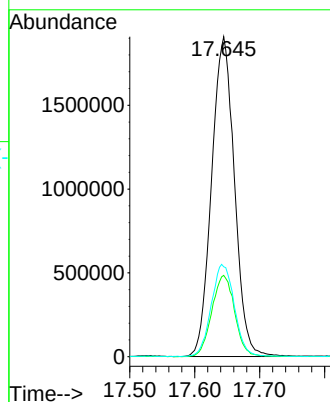
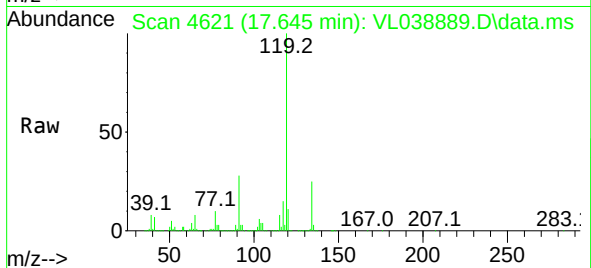
91 29.1 22.6 34.0

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2022

Supervised By :Mahesh Dadoda 04/14/2022



#70

n-Butylbenzene

Concen: 9.570 ppbv

RT: 18.539 min Scan# 4899

Delta R.T. -0.003 min

Lab File: VL038889.D

Acq: 12 Apr 2022 12:54

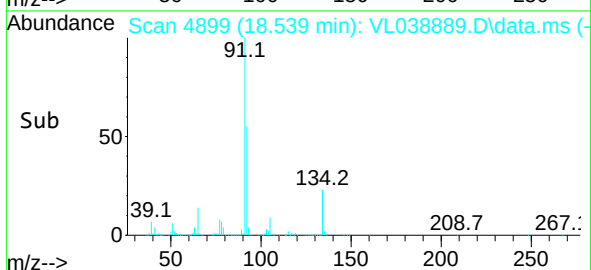
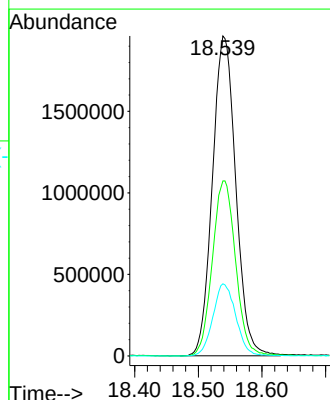
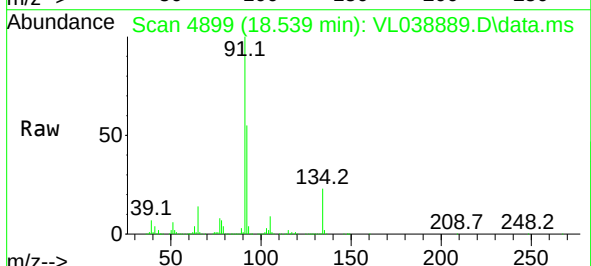
Tgt Ion: 91 Resp: 5004797

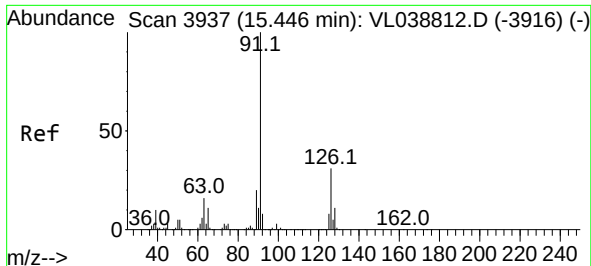
Ion Ratio Lower Upper

91 100

92 54.6 44.6 66.8

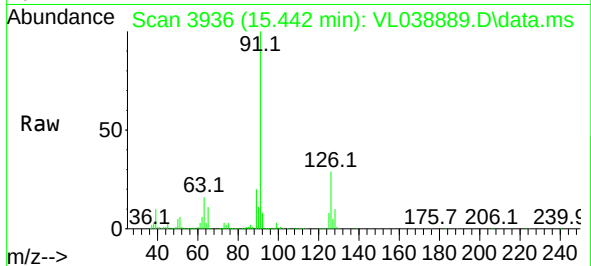
134 22.3 19.2 28.8





#71
2-Chlorotoluene
Concen: 9.183 ppbv
RT: 15.442 min Scan# 3937
Delta R.T. -0.003 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

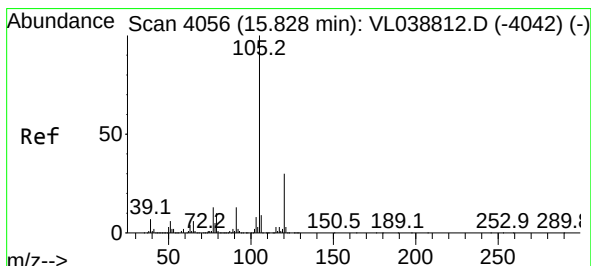
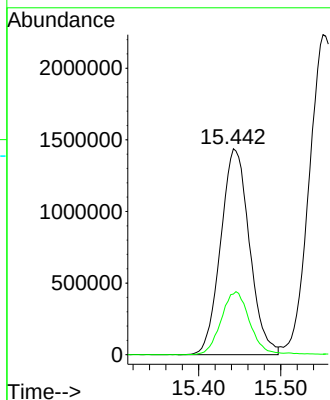
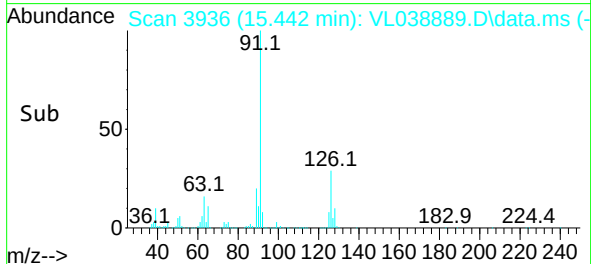
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



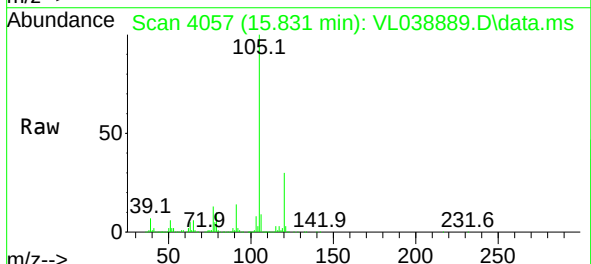
Tgt Ion: 91 Resp: 350651
Ion Ratio Lower Upper
91 100
126 31.0 13.0 51.8

Manual Integrations
APPROVED

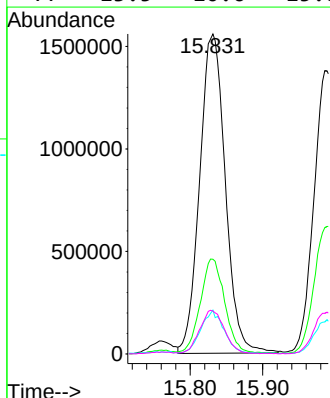
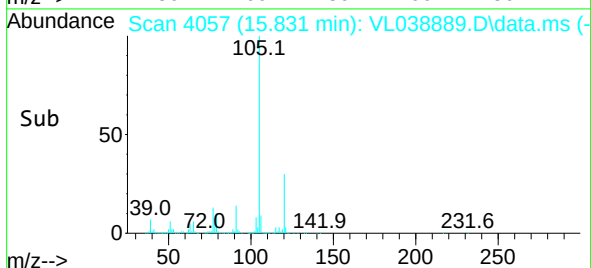
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

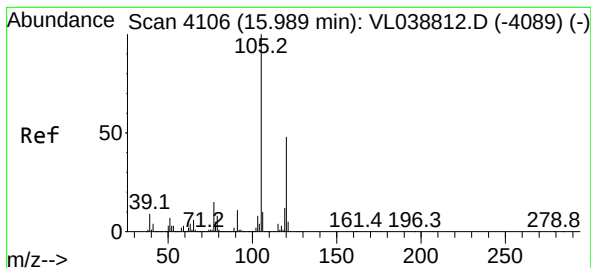


#72
4-Ethyltoluene
Concen: 9.470 ppbv
RT: 15.831 min Scan# 4057
Delta R.T. 0.003 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54



Tgt Ion:105 Resp: 3825690
Ion Ratio Lower Upper
105 100
120 28.8 24.3 36.5
91 12.4 9.4 14.2
77 13.5 10.6 15.8





#73

1,3,5-Trimethylbenzene

Concen: 9.264 ppbv

RT: 15.986 min Scan# 4106

Delta R.T. -0.003 min

Lab File: VL038889.D

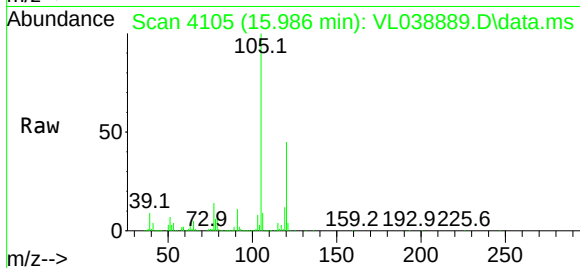
Acq: 12 Apr 2022 12:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:105 Resp: 336195

Ion Ratio Lower Upper

105 100

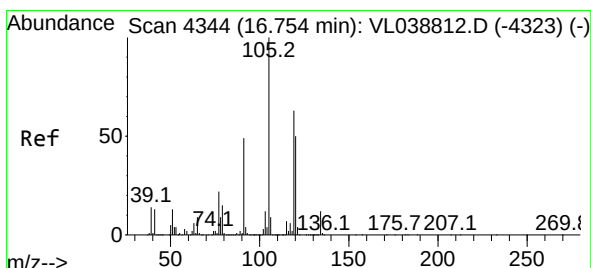
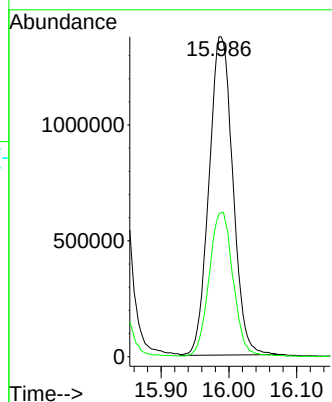
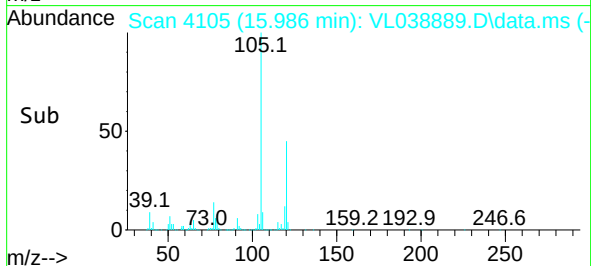
120 44.6 38.7 58.1

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2022

Supervised By :Mahesh Dadoda 04/14/2022



#74

1,2,4-Trimethylbenzene

Concen: 9.085 ppbv

RT: 16.754 min Scan# 4344

Delta R.T. -0.000 min

Lab File: VL038889.D

Acq: 12 Apr 2022 12:54

Tgt Ion:105 Resp: 3485544

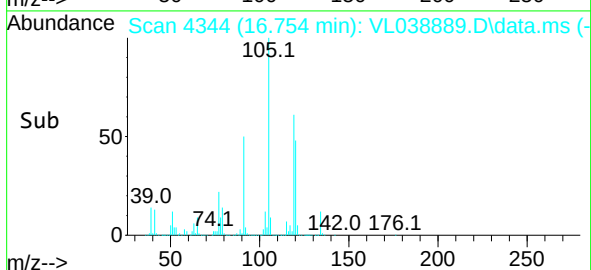
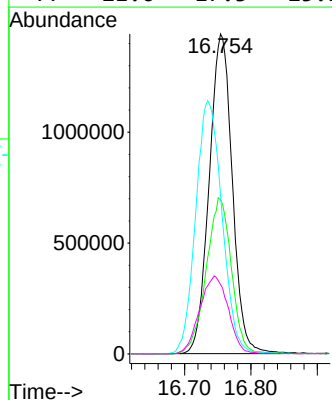
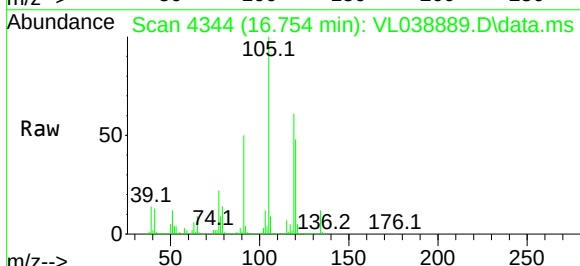
Ion Ratio Lower Upper

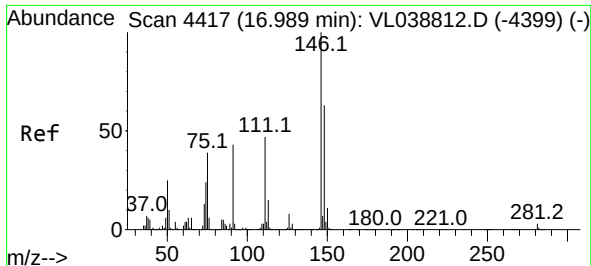
105 100

120 48.0 39.8 59.8

91 49.6 39.4 59.0

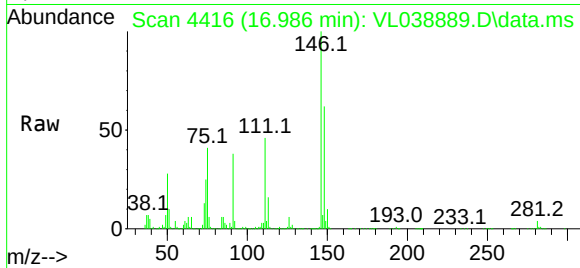
77 21.6 17.3 25.9





#75
1,3-Dichlorobenzene
Concen: 9.078 ppbv
RT: 16.986 min Scan# 4417
Delta R.T. -0.003 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

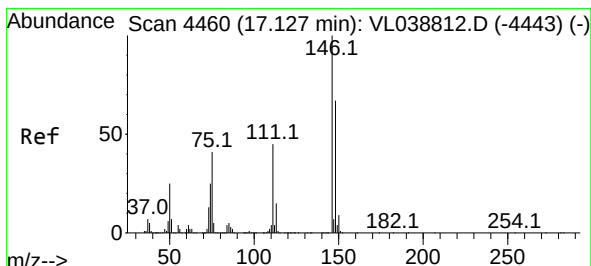
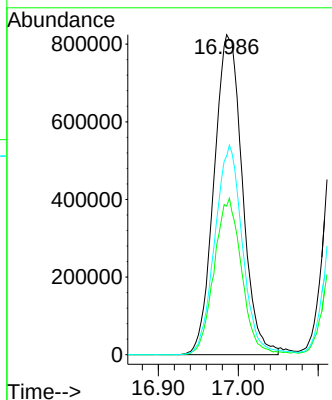
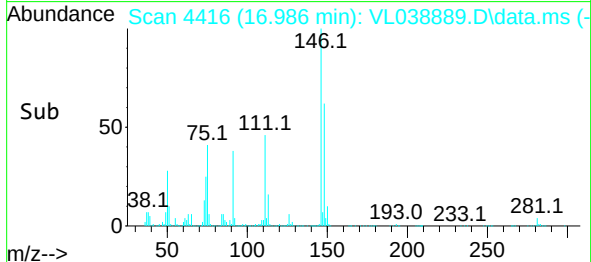
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



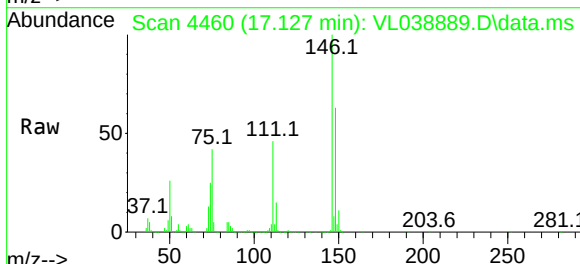
Tgt Ion:146 Resp: 2022124
Ion Ratio Lower Upper
146 100
111 47.6 23.8 71.2
148 64.3 31.8 95.4

Manual Integrations
APPROVED

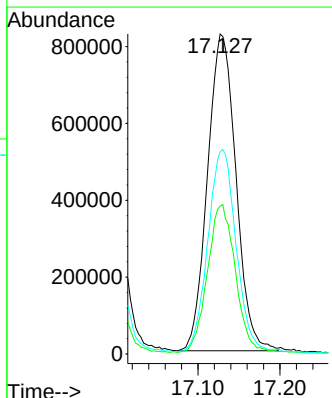
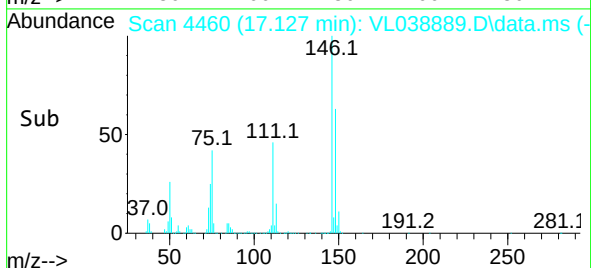
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

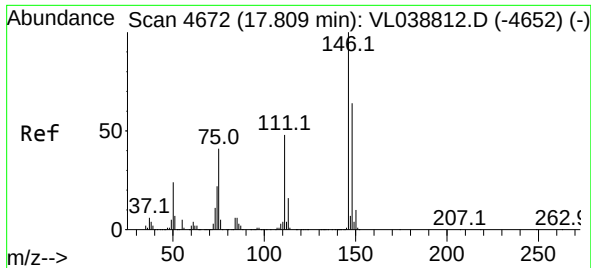


#76
1,4-Dichlorobenzene
Concen: 9.058 ppbv
RT: 17.127 min Scan# 4460
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54



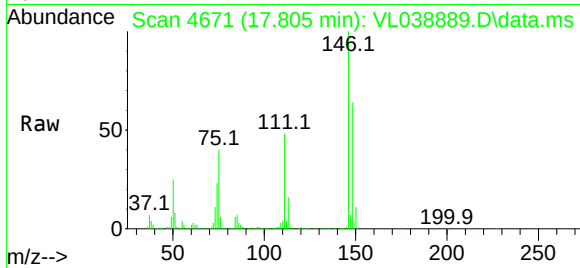
Tgt Ion:146 Resp: 1987467
Ion Ratio Lower Upper
146 100
111 47.1 23.6 70.8
148 65.2 33.6 100.6





#77
1,2-Dichlorobenzene
Concen: 9.097 ppbv
RT: 17.805 min Scan# 401
Delta R.T. -0.003 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

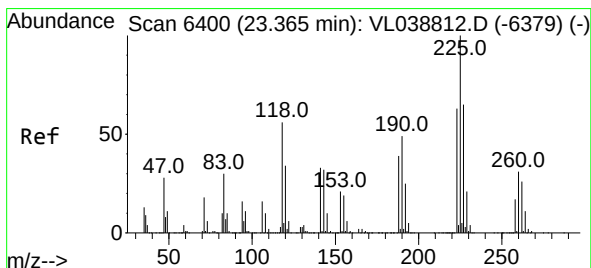
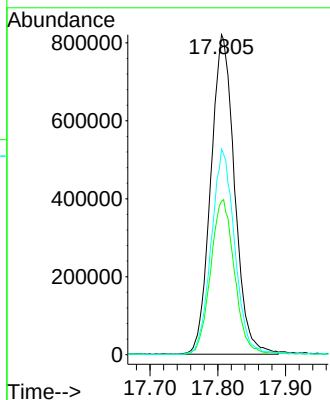
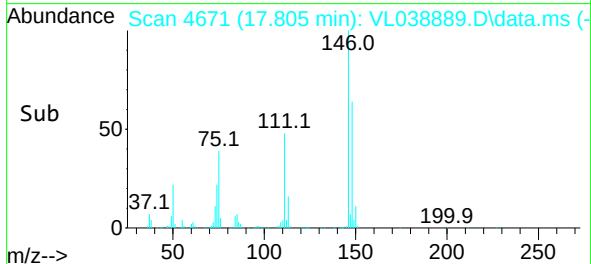
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



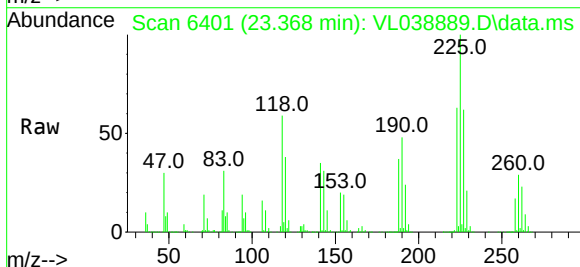
Tgt Ion:146 Resp: 1997454
Ion Ratio Lower Upper
146 100
111 49.3 24.8 74.3
148 63.8 31.9 95.7

Manual Integrations
APPROVED

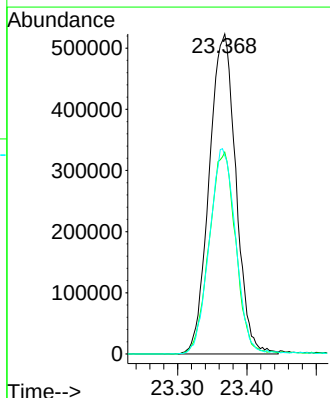
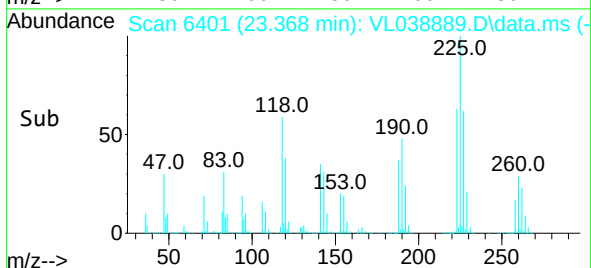
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

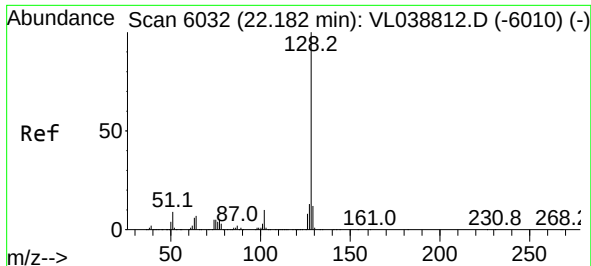


#78
Hexachloro-1,3-Butadiene
Concen: 8.069 ppbv
RT: 23.368 min Scan# 6401
Delta R.T. 0.003 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54



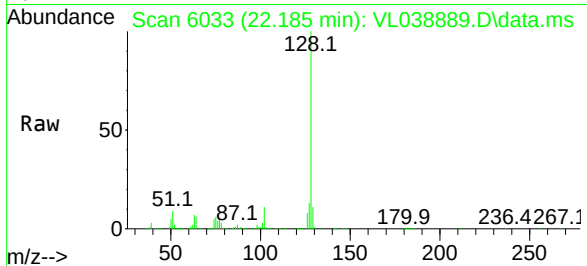
Tgt Ion:225 Resp: 1399838
Ion Ratio Lower Upper
225 100
223 63.3 51.6 77.4
227 63.5 52.3 78.5





#79
Naphthalene
Concen: 10.262 ppbv
RT: 22.185 min Scan# 6032
Delta R.T. 0.003 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

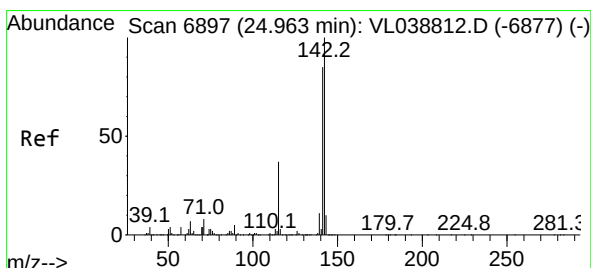
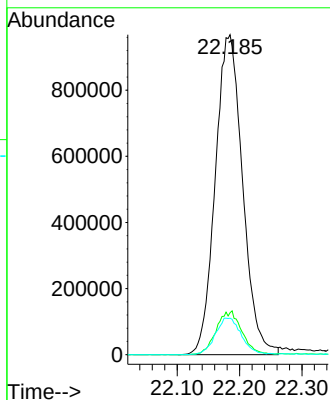
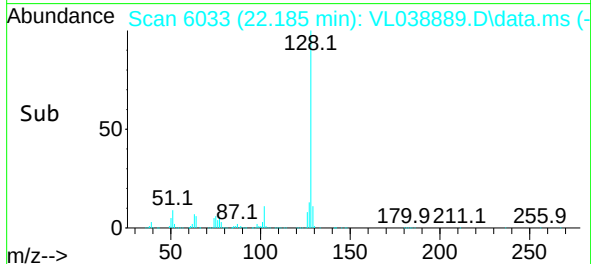
Instrument :
MSVOA_L
ClientSampleId :
VSTDCCC010



Tgt Ion:128 Resp: 294495
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 11.4 9.4 14.0

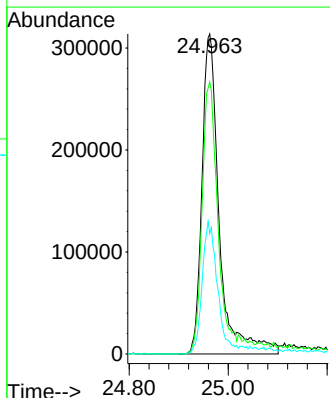
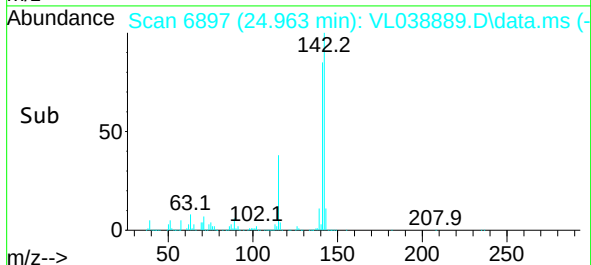
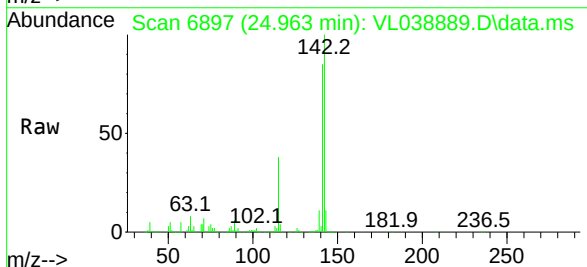
Manual Integrations
APPROVED

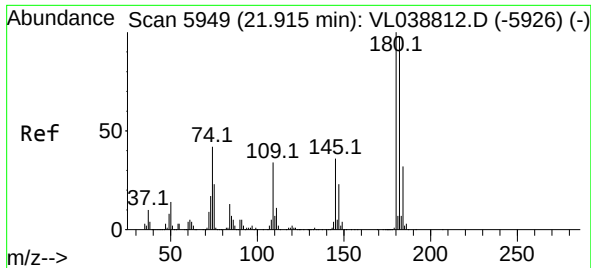
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#80
Naphthalene,2-methyl-
Concen: 10.753 ppbv
RT: 24.963 min Scan# 6897
Delta R.T. -0.000 min
Lab File: VL038889.D
Acq: 12 Apr 2022 12:54

Tgt Ion:142 Resp: 760411
Ion Ratio Lower Upper
142 100
141 81.8 68.8 103.2
115 38.6 31.6 47.4





#81

1,2,4-Trichlorobenzene

Concen: 9.438 ppbv

RT: 21.911 min Scan# 5948

Delta R.T. -0.003 min

Lab File: VL038889.D

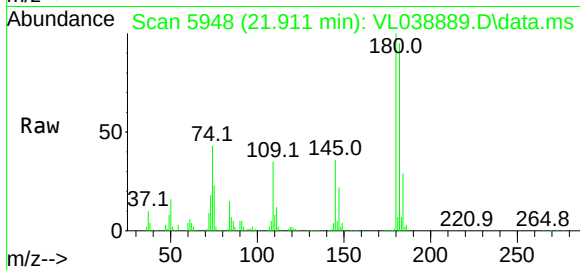
Acq: 12 Apr 2022 12:54

Instrument :

MSVOA_L

ClientSampleId :

VSTDCCC010



Tgt Ion:180 Resp: 158516

Ion Ratio Lower Upper

180 100

182 97.5 79.4 119.0

184 30.8 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2022

Supervised By :Mahesh Dadoda 04/14/2022

