

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL041122\
 Data File : VL038871.D
 Acq On : 11 Apr 2022 15:07
 Operator : SY/AP
 Sample : VL0411ABS01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL0411ABS01

Quant Time: Apr 12 02:49:03 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) Bromochloromethane	5.661	49	1278393	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.169	114	3334140	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.076	117	3107989m	10.000	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.404	95	2546901	10.803	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.000%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	3.051	85	1839207	10.143	ppbv 99
3) Chlorodifluoromethane	2.989	51	1469051	9.416	ppbv 97
4) Chloromethane	3.141	50	714296	8.842	ppbv 97
5) Vinyl Chloride	3.256	62	691096	9.258	ppbv 98
6) Bromomethane	3.475	94	343911	9.522	ppbv 96
7) Chloroethane	3.555	64	235016	9.441	ppbv 96
8) Dichlorotetrafluoroethane	3.189	85	1641108	9.688	ppbv 94
9) Propene	3.009	41	691378	8.376	ppbv 95
10) Heptane	8.115	43	1789126	8.605	ppbv 98
11) Trichlorofluoromethane	3.948	101	1481480	10.167	ppbv 99
12) 1,1,2-Trichlorotrifluo...	4.485	101	1112109	9.964	ppbv 94
13) Ethanol	3.597	45	51824m	10.331	ppbv
14) Bromoethene	3.739	108	473497	9.646	ppbv 96
15) Acetone	3.845	43	1178687	9.261	ppbv 100
16) 1,3-Butadiene	3.327	39	648111	8.907	ppbv 98
17) tert-Butyl alcohol	4.279	59	871272	7.634	ppbv 99
18) 1,1-Dichloroethene	4.288	96	484000	9.513	ppbv 98
19) Isopropyl Alcohol	3.957	45	583042	8.963	ppbv # 100
20) Methylene Chloride	4.340	84	417864	9.053	ppbv 94
21) Allyl Chloride	4.411	41	842916	8.845	ppbv 98
22) trans-1,2-Dichloroethene	4.880	96	528383	10.257	ppbv 94
23) Vinyl Acetate	5.067	43	1183387	9.547	ppbv 98
24) 1,1-Dichloroethane	5.005	63	1065239	9.510	ppbv 98
25) Ethyl Acetate	5.668	43	2930885	9.075	ppbv 99
26) Hexane	5.684	57	1316435	8.956	ppbv 97
27) Carbon Disulfide	4.546	76	1300900	9.650	ppbv 98
28) Methyl tert-Butyl Ether	5.028	73	1016290	8.952	ppbv 98
29) Chloroform	5.748	83	2043240	9.935	ppbv 97
30) Cyclohexane	7.121	84	1129657	8.719	ppbv 99
31) cis-1,2-Dichloroethene	5.542	61	1310600	9.697	ppbv 98
32) 1,1,1-Trichloroethane	6.504	97	2048519	9.886	ppbv 99
34) 2-Butanone	5.237	43	1263161	9.588	ppbv 98
35) Carbon Tetrachloride	7.012	117	2043353	10.223	ppbv 98
36) Benzene	6.883	78	2777934	9.159	ppbv 97
37) 1,2-Dichloroethane	6.301	62	1568932	11.314	ppbv 96
38) Trichloroethene	7.825	130	1079298	8.672	ppbv 95
39) 1,2-Dichloropropane	7.607	63	1101703	9.496	ppbv 96
40) 1,4-Dioxane	7.819	88	359562	9.127	ppbv # 1
41) Tetrahydrofuran	6.041	42	1121543	8.963	ppbv 98
42) Bromodichloromethane	7.783	83	2303417	10.518	ppbv 99
43) Methyl Methacrylate	8.005	69	1151861	9.915	ppbv 99
44) 2,2,4-Trimethylpentane	7.861	57	4652309	9.060	ppbv 100
45) t-1,3-Dichloropropene	9.266	75	1221225	10.054	ppbv 100

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

Quant Time: Apr 12 02:49:03 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed 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	8.693	75	1537396	9.600	ppbv	98
47) 1,1,2-Trichloroethane	9.465	97	1119340	9.416	ppbv	98
48) Dibromochloromethane	10.291	129	1840721	9.880	ppbv	98
49) Bromoform	13.028	173	1470924	9.968	ppbv	99
50) 4-Methyl-2-Pentanone	8.729	43	2880127	9.719	ppbv	99
51) 2-Hexanone	10.118	43	2263444	10.137	ppbv #	99
52) Tetrachloroethene	11.208	164	902216	8.516	ppbv	96
53) Toluene	9.796	91	3170098	9.054	ppbv	100
54) 1,2-Dibromoethane	10.600	107	1606299	9.728	ppbv	98
56) 1,1,1,2-Tetrachloroethane	12.115	131	1264346	9.283	ppbv	96
57) Chlorobenzene	12.137	112	2208640	8.677	ppbv	95
58) Ethyl Benzene	12.700	91	4282150	9.220	ppbv	93
59) m/p-Xylene	12.983	91	7205153m	18.466	ppbv	
60) o-Xylene	13.680	91	3314938	9.079	ppbv	96
61) Styrene	13.513	104	2035077	9.149	ppbv	97
62) Isopropylbenzene	14.655	105	4836242	8.825	ppbv	97
63) 1,1,2,2-Tetrachloroethane	13.664	83	2163641	9.357	ppbv	99
64) n-propylbenzene	15.548	120	1256331	8.829	ppbv	84
65) tert-Butylbenzene	16.732	119	4157116	8.550	ppbv	94
66) Benzyl Chloride	16.973	91	645046	6.517	ppbv	95
67) sec-Butylbenzene	17.282	105	6104222	8.947	ppbv	98
69) p-Isopropyltoluene	17.638	119	4981340	8.892	ppbv	97
70) n-Butylbenzene	18.535	91	5476911	9.705	ppbv	98
71) 2-Chlorotoluene	15.439	91	3833640	9.303	ppbv	96
72) 4-Ethyltoluene	15.825	105	4066887	9.328	ppbv	97
73) 1,3,5-Trimethylbenzene	15.983	105	3630846	9.271	ppbv	96
74) 1,2,4-Trimethylbenzene	16.748	105	3820293	9.228	ppbv	96
75) 1,3-Dichlorobenzene	16.982	146	2164008	9.002	ppbv	100
76) 1,4-Dichlorobenzene	17.124	146	2095804	8.851	ppbv	100
77) 1,2-Dichlorobenzene	17.802	146	2096207	8.846	ppbv	99
78) Hexachloro-1,3-Butadiene	23.358	225	1472590	7.865	ppbv	99
79) Naphthalene	22.175	128	3038841	9.812	ppbv	99
80) Naphthalene,2-methyl-	24.960	142	689301	9.032	ppbv	96
81) 1,2,4-Trichlorobenzene	21.908	180	1658971	9.153	ppbv	100

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

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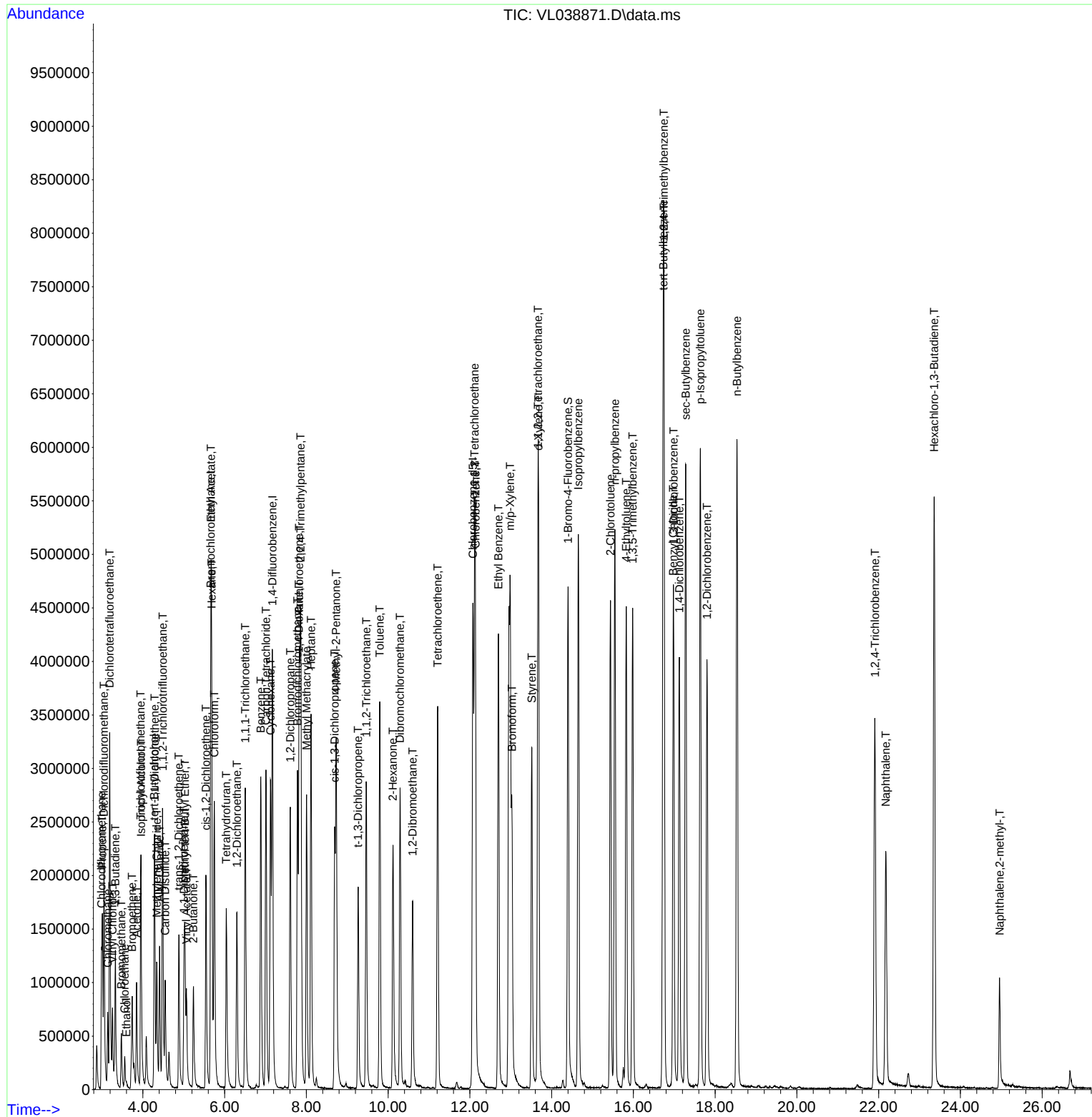
Quant Time: Apr 12 02:49:03 2022

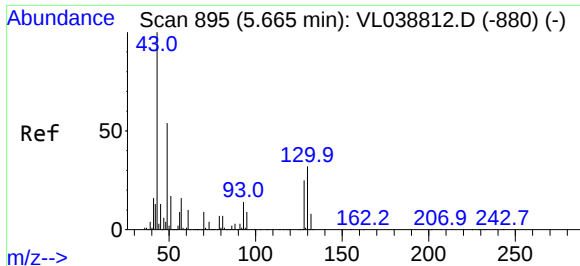
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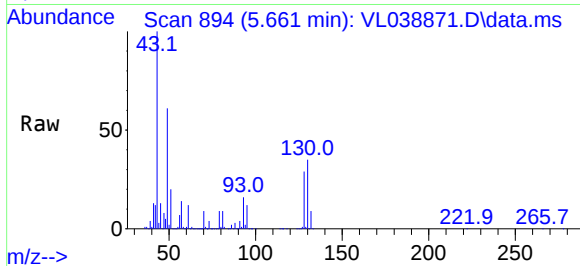
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 10.000 ppbv
RT: 5.661 min Scan# 895
Delta R.T. -0.003 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

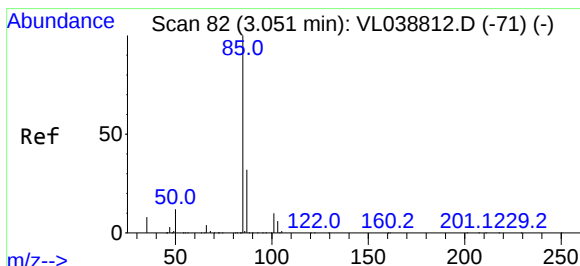
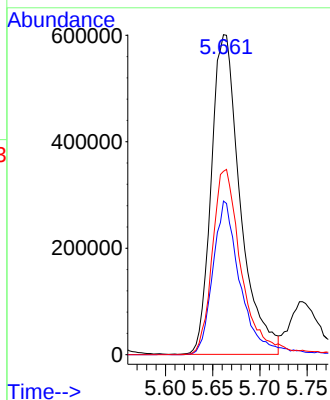
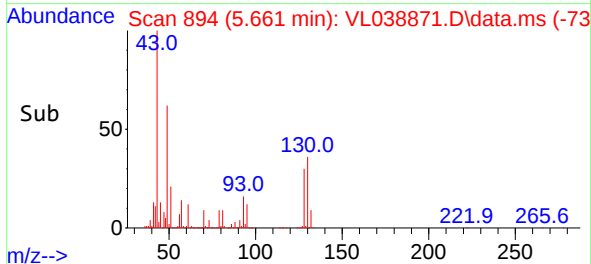
Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01



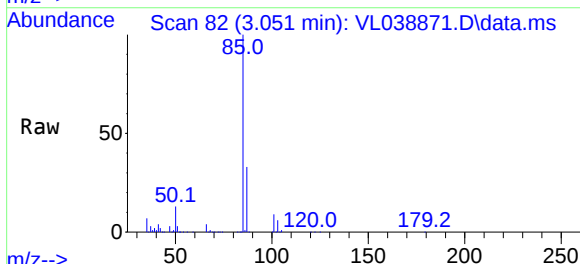
Tgt Ion: 49 Resp: 127839
Ion Ratio Lower Upper
49 100
128 46.8 24.1 72.3
130 59.5 30.9 92.8

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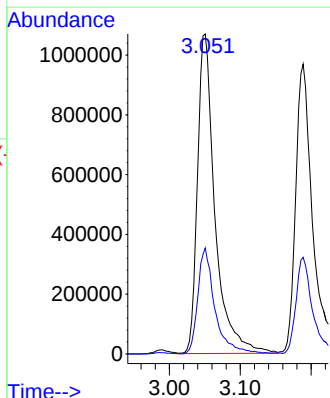
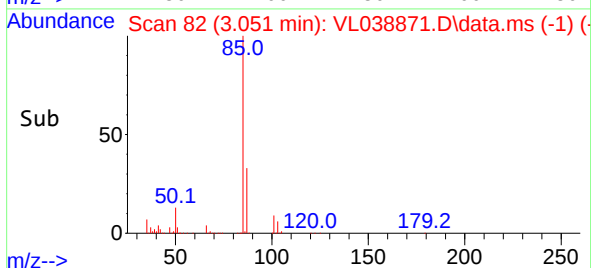
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

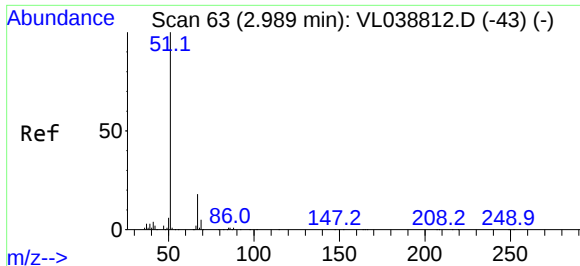


#2
Dichlorodifluoromethane
Concen: 10.143 ppbv
RT: 3.051 min Scan# 82
Delta R.T. 0.000 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07



Tgt Ion: 85 Resp: 1839207
Ion Ratio Lower Upper
85 100
87 33.1 25.9 38.9





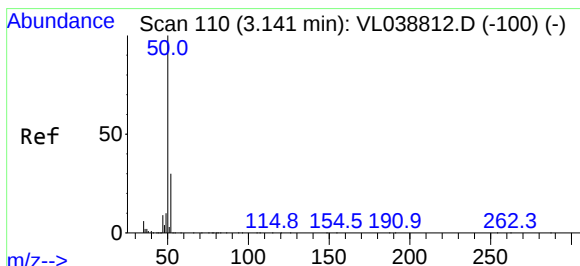
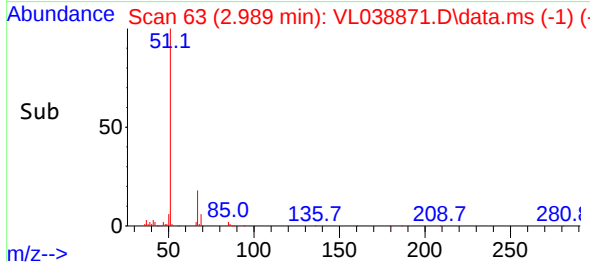
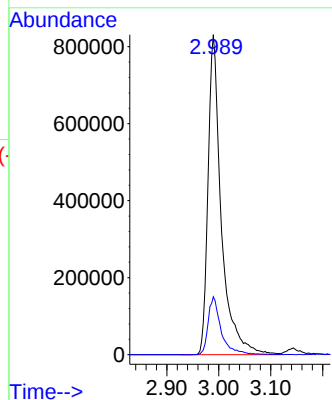
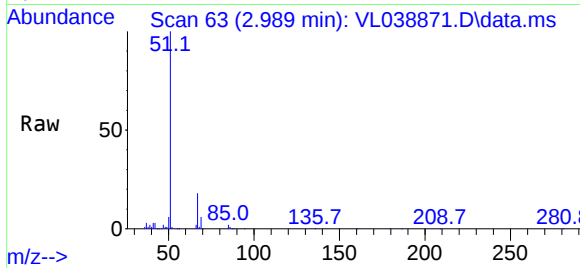
#3
Chlorodifluoromethane
Concen: 9.416 ppbv
RT: 2.989 min Scan# 61
Delta R.T. -0.000 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Instrument :
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ClientSampleId :
VL0411ABS01

Tgt Ion: 51 Resp: 146905
Ion Ratio Lower Upper
51 100
67 17.9 13.4 20.0

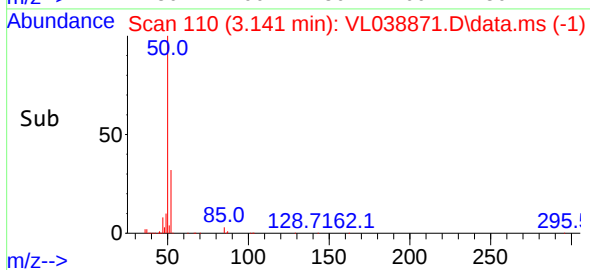
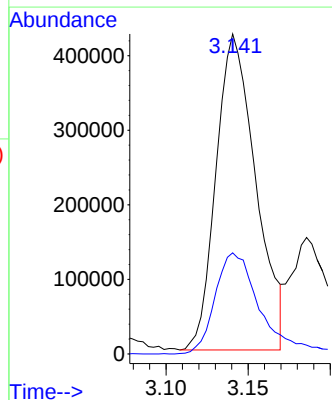
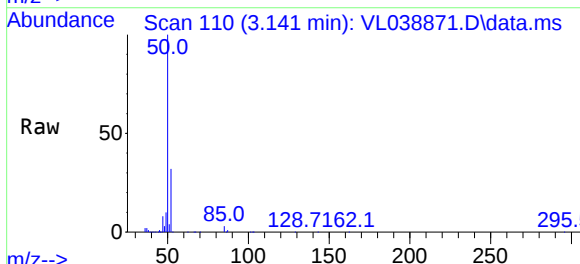
Manual Integrations
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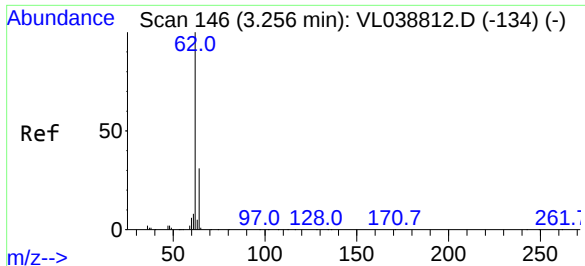
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#4
Chloromethane
Concen: 8.842 ppbv
RT: 3.141 min Scan# 110
Delta R.T. -0.000 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

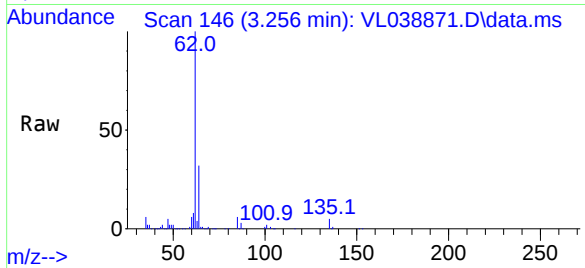
Tgt Ion: 50 Resp: 714296
Ion Ratio Lower Upper
50 100
52 31.9 24.3 36.5





#5
 Vinyl Chloride
 Concen: 9.258 ppbv
 RT: 3.256 min Scan# 146
 Delta R.T. -0.000 min
 Lab File: VL038871.D
 Acq: 11 Apr 2022 15:07

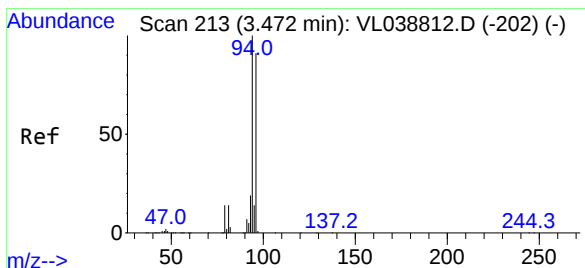
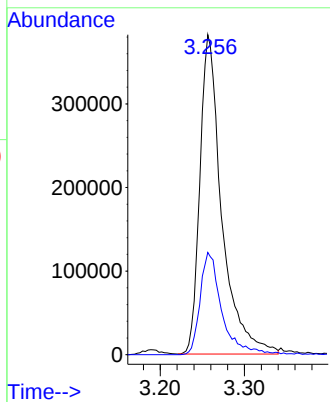
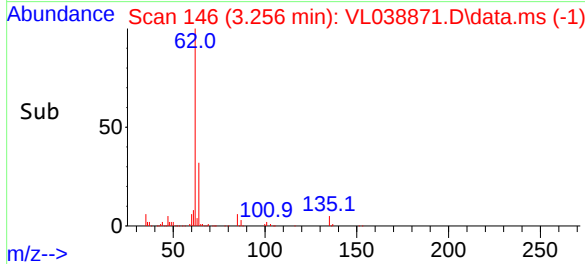
Instrument :
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 VL0411ABS01



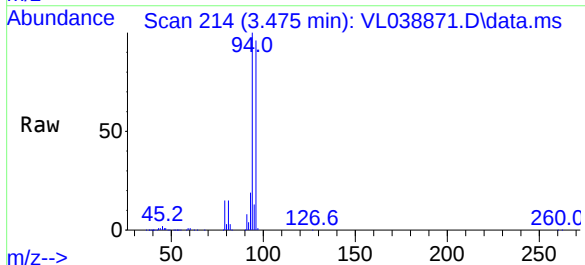
Tgt Ion: 62 Resp: 691090
 Ion Ratio Lower Upper
 62 100
 64 32.0 24.6 37.0

Manual Integrations
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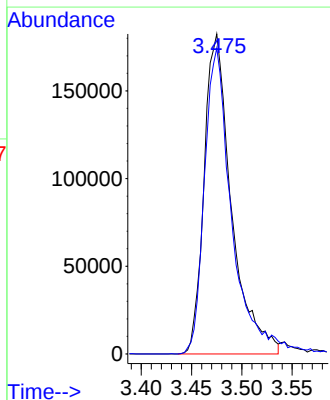
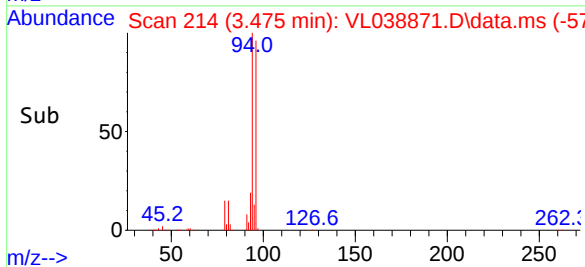
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 Supervised By :Mahesh Dadoda 04/14/2022

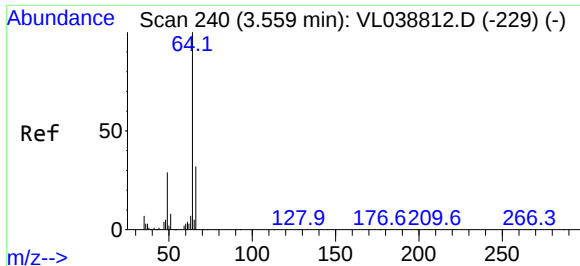


#6
 Bromomethane
 Concen: 9.522 ppbv
 RT: 3.475 min Scan# 214
 Delta R.T. 0.003 min
 Lab File: VL038871.D
 Acq: 11 Apr 2022 15:07



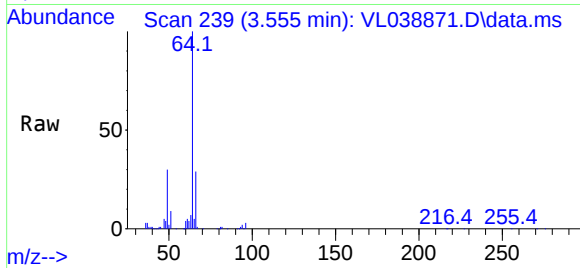
Tgt Ion: 94 Resp: 343911
 Ion Ratio Lower Upper
 94 100
 96 95.5 73.2 109.8





#7
Chloroethane
Concen: 9.441 ppbv
RT: 3.555 min Scan# 210
Delta R.T. -0.003 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

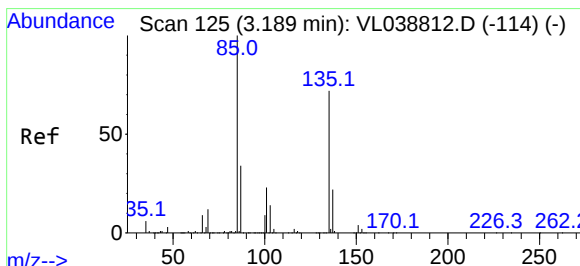
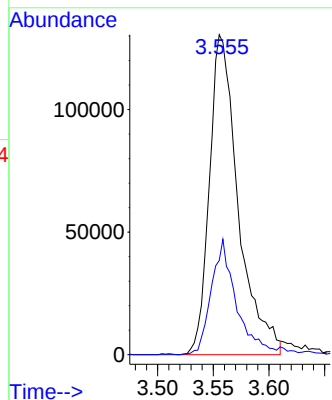
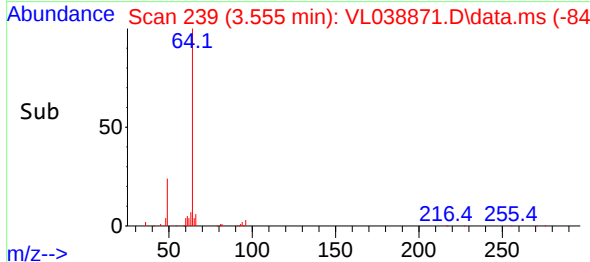
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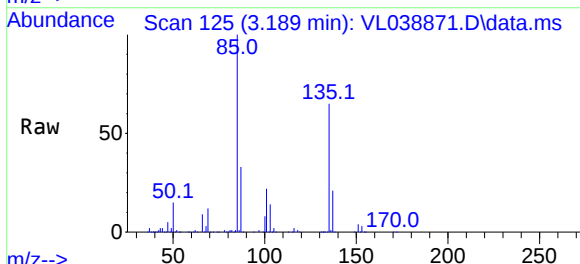
Tgt Ion: 64 Resp: 235010
Ion Ratio Lower Upper
64 100
66 29.5 25.4 38.2

Manual Integrations
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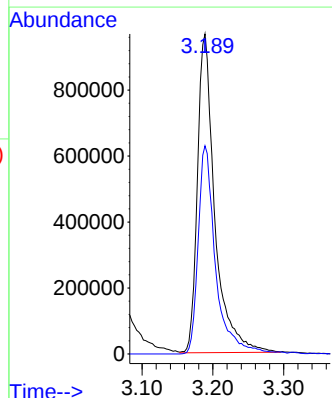
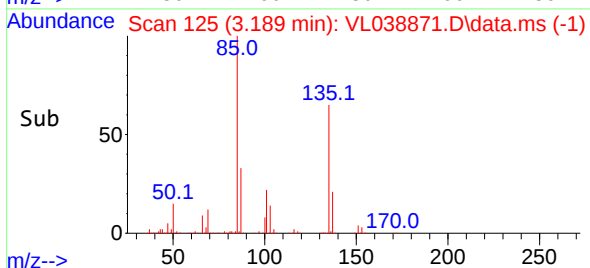
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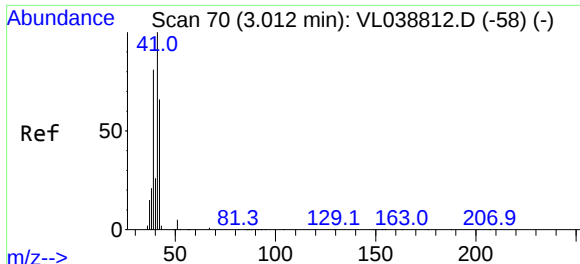


#8
Dichlorotetrafluoroethane
Concen: 9.688 ppbv
RT: 3.189 min Scan# 125
Delta R.T. 0.000 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07



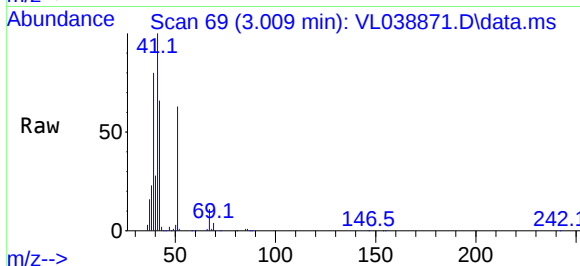
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Ion Ratio Lower Upper
85 100
135 66.4 57.0 85.6





#9
Propene
Concen: 8.376 ppbv
RT: 3.009 min Scan# 69
Delta R.T. -0.003 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

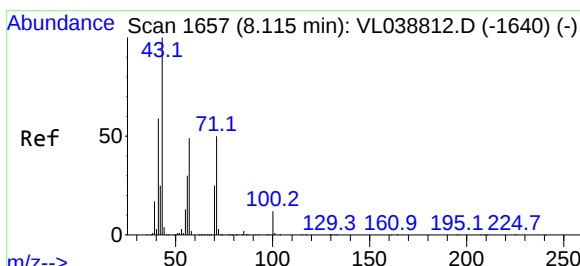
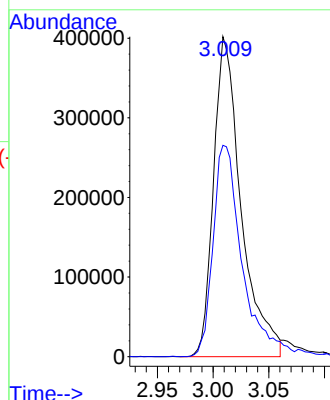
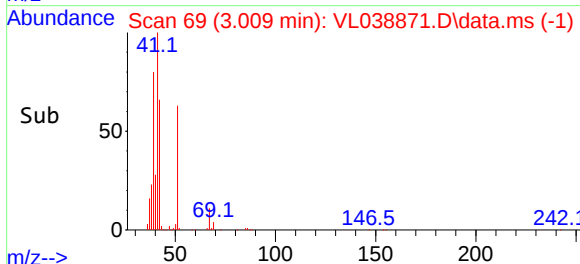
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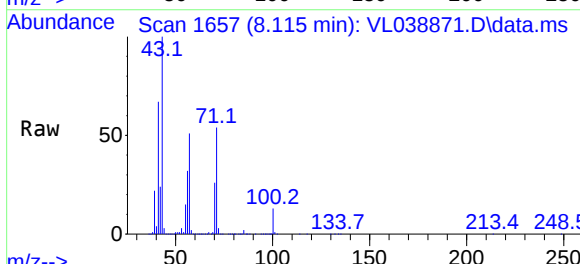
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Ion Ratio Lower Upper
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42 71.5 54.2 81.4

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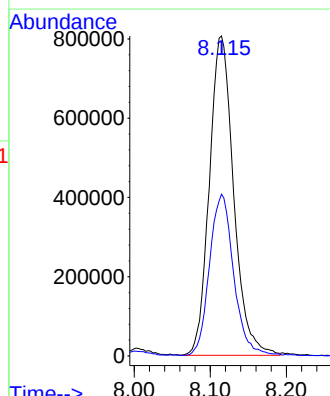
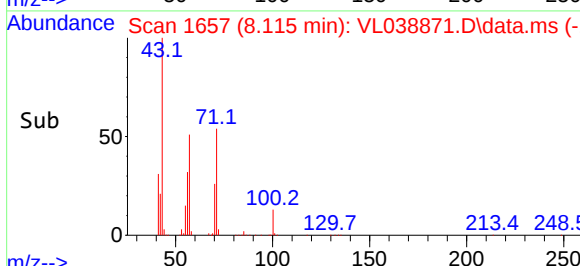
Reviewed By :Semsettin Yesilyurt 04/13/2022
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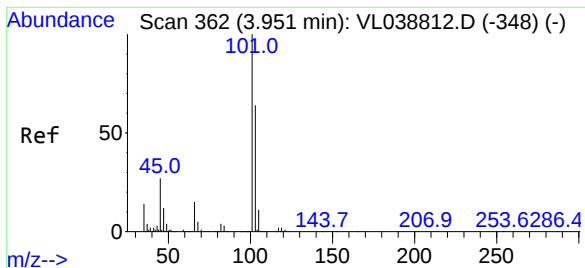


#10
Heptane
Concen: 8.605 ppbv
RT: 8.115 min Scan# 1657
Delta R.T. 0.000 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07



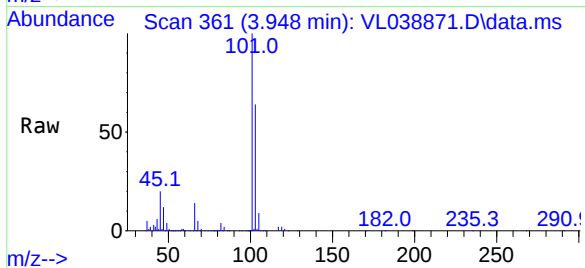
Tgt Ion: 43 Resp: 1789126
Ion Ratio Lower Upper
43 100
57 50.5 39.3 58.9





#11
Trichlorofluoromethane
Concen: 10.167 ppbv
RT: 3.948 min Scan# 30
Delta R.T. -0.003 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

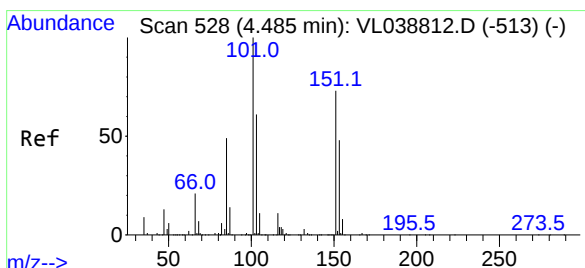
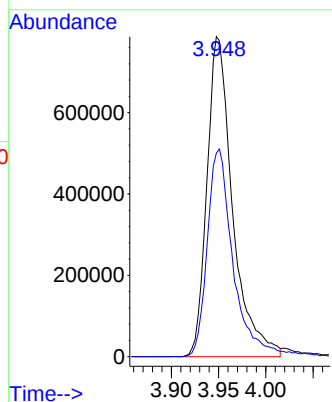
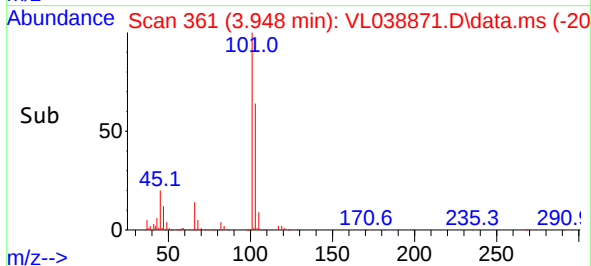
Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01



Tgt Ion:101 Resp: 1481480
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.0

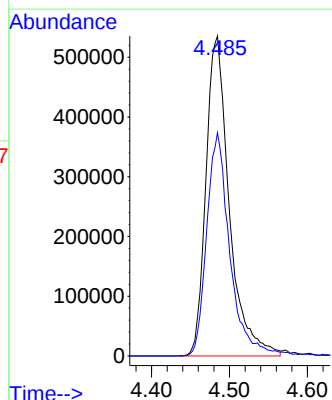
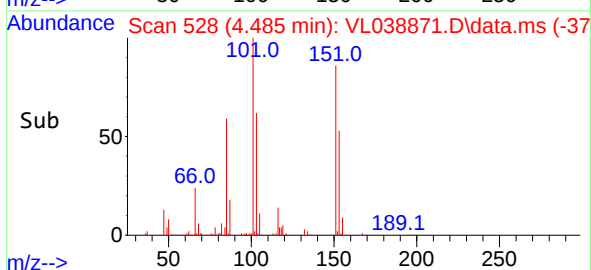
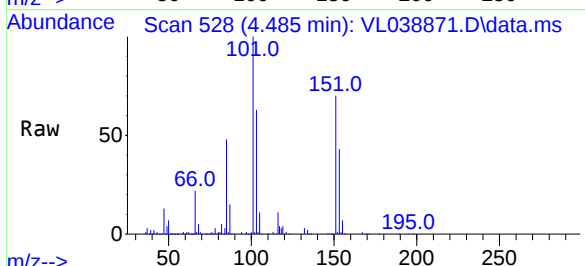
Manual Integrations
APPROVED

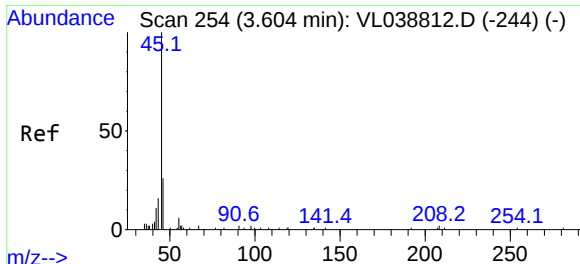
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#12
1,1,2-Trichlorotrifluoroethane
Concen: 9.964 ppbv
RT: 4.485 min Scan# 528
Delta R.T. -0.000 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

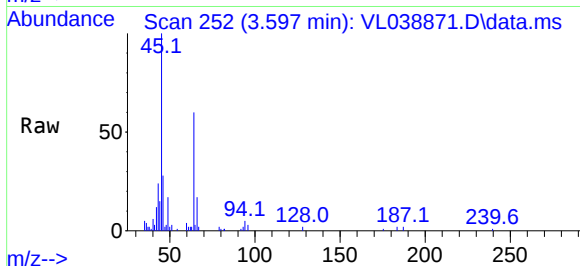
Tgt Ion:101 Resp: 1112109
Ion Ratio Lower Upper
101 100
151 69.7 59.9 89.9





#13
Ethanol
Concen: 10.331 ppbv m
RT: 3.597 min Scan# 21
Delta R.T. -0.006 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

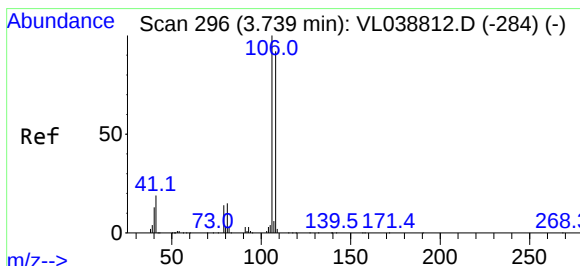
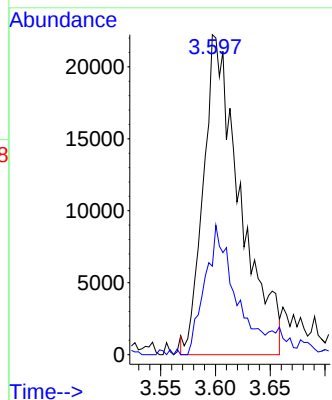
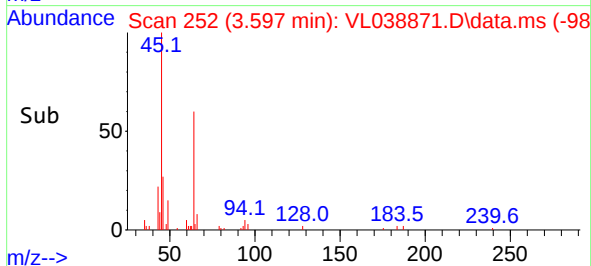
Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01



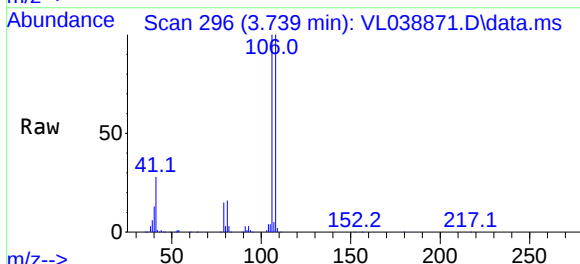
Tgt Ion: 45 Resp: 51824
Ion Ratio Lower Upper
45 100
46 40.4 0.0 0.0

Manual Integrations
APPROVED

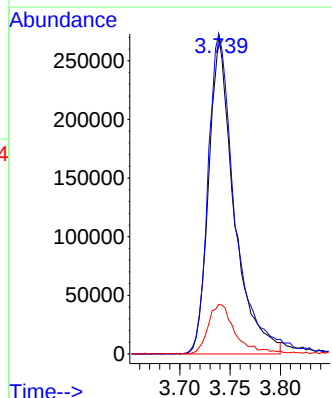
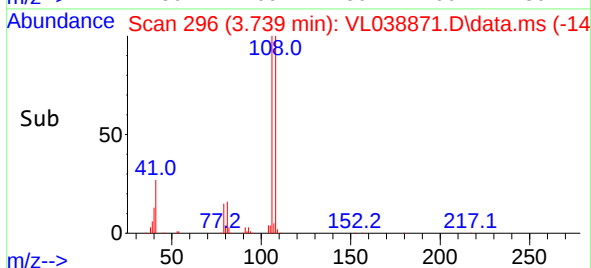
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

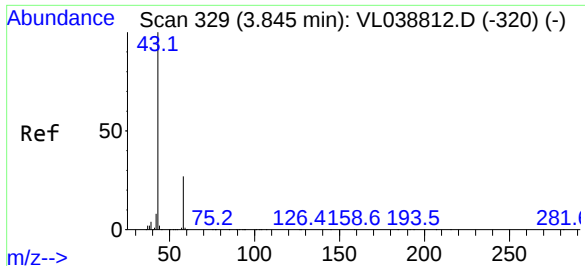


#14
Bromoethene
Concen: 9.646 ppbv
RT: 3.739 min Scan# 296
Delta R.T. 0.000 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07



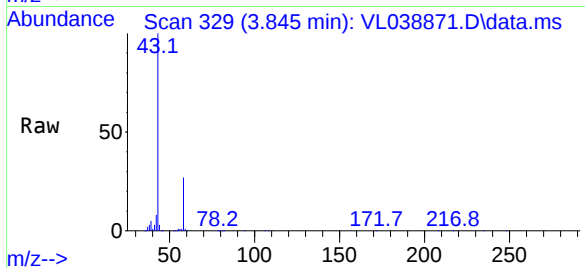
Tgt Ion:108 Resp: 473497
Ion Ratio Lower Upper
108 100
106 109.3 91.5 137.3
79 17.1 13.7 20.5





#15
Acetone
Concen: 9.261 ppbv
RT: 3.845 min Scan# 31
Delta R.T. -0.000 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

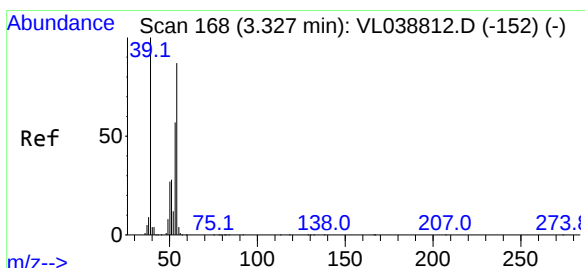
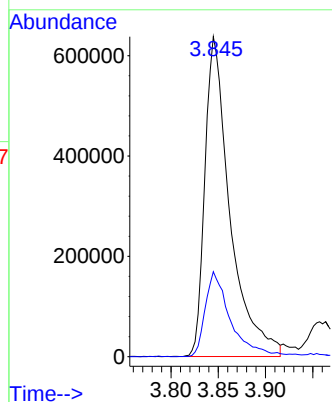
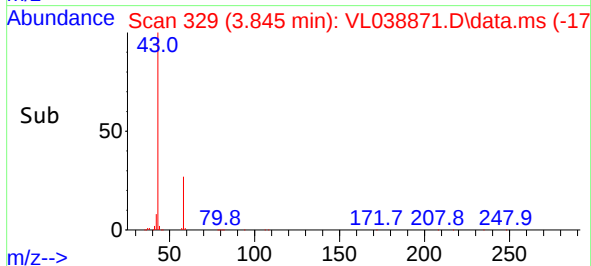
Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01



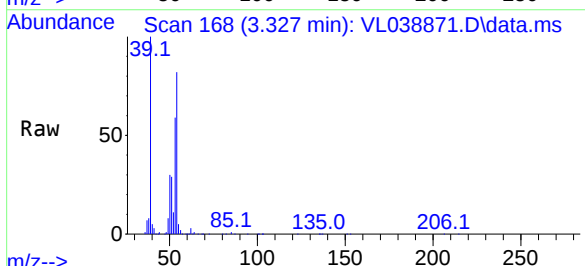
Tgt Ion: 43 Resp: 117868
Ion Ratio Lower Upper
43 100
58 28.4 22.5 33.7

Manual Integrations
APPROVED

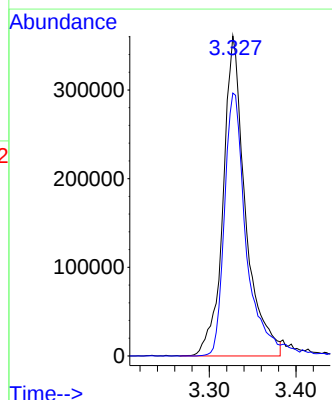
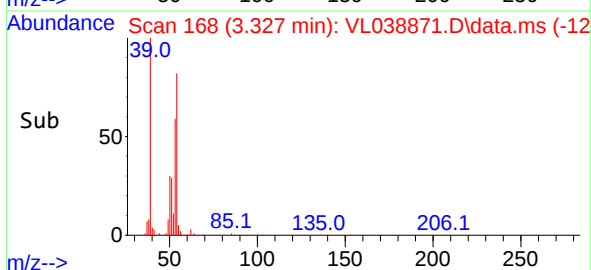
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

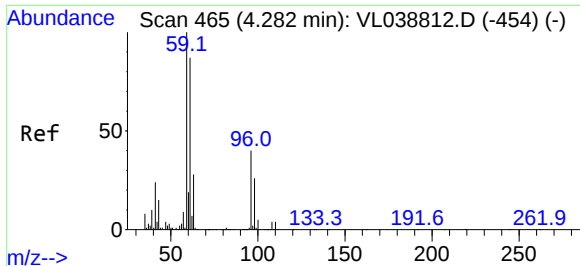


#16
1,3-Butadiene
Concen: 8.907 ppbv
RT: 3.327 min Scan# 168
Delta R.T. -0.000 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07



Tgt Ion: 39 Resp: 648111
Ion Ratio Lower Upper
39 100
54 82.6 64.8 97.2





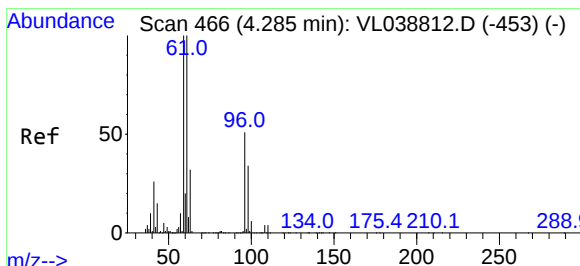
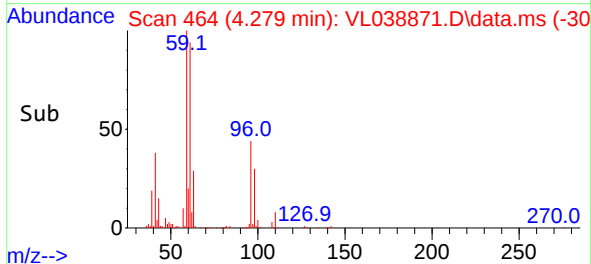
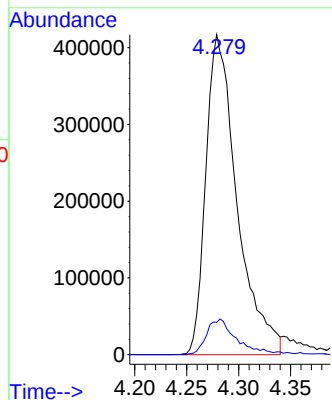
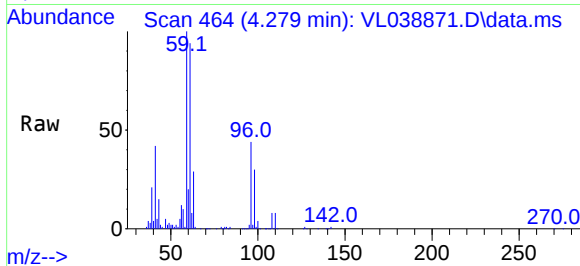
#17
tert-Butyl alcohol
Concen: 7.634 ppbv
RT: 4.279 min Scan# 464
Delta R.T. -0.003 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Instrument : MSVOA_1
ClientSampleId : VL0411ABS01

Tgt Ion: 59 Resp: 871272
Ion Ratio Lower Upper
59 100
57 11.1 8.5 12.7

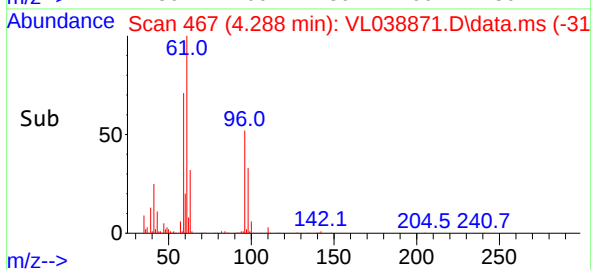
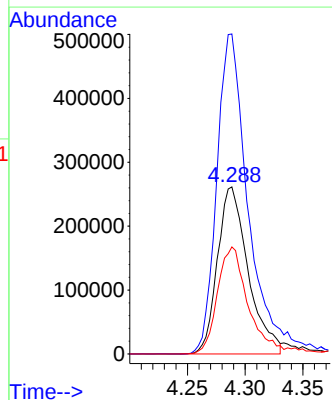
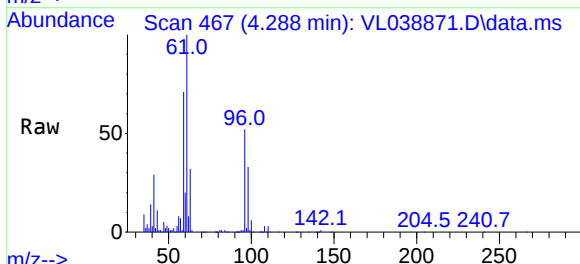
Manual Integrations
APPROVED

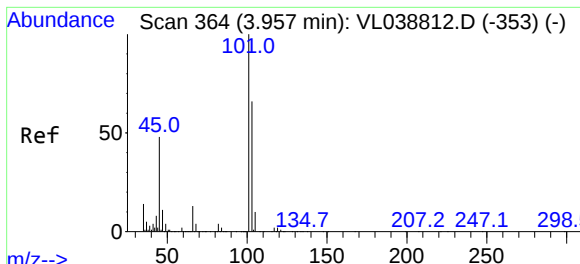
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#18
1,1-Dichloroethene
Concen: 9.513 ppbv
RT: 4.288 min Scan# 467
Delta R.T. 0.003 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

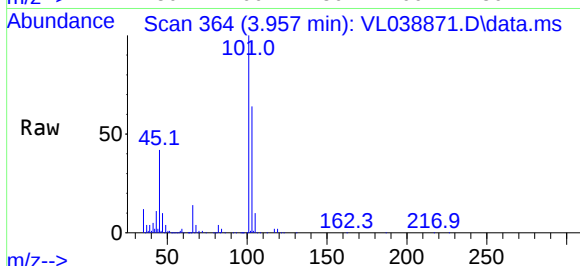
Tgt Ion: 96 Resp: 484000
Ion Ratio Lower Upper
96 100
61 191.6 156.1 234.1
98 64.1 53.0 79.6





#19
Isopropyl Alcohol
Concen: 8.963 ppbv
RT: 3.957 min Scan# 30
Delta R.T. -0.000 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

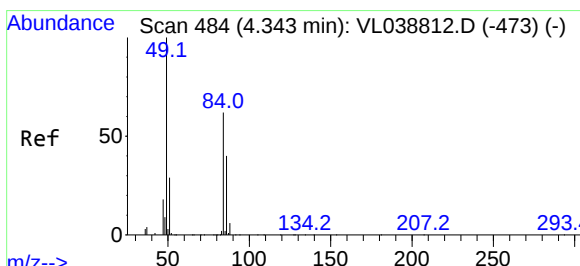
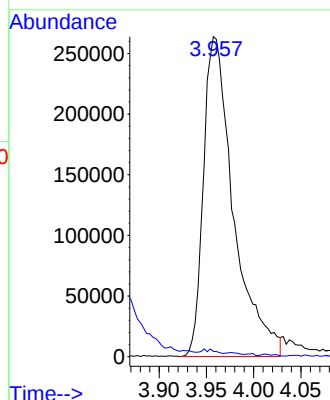
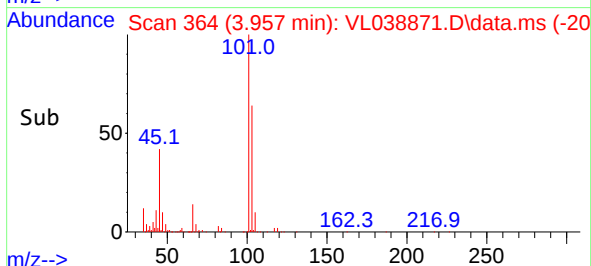
Instrument : MSVOA_L
ClientSampleId : VL0411ABS01



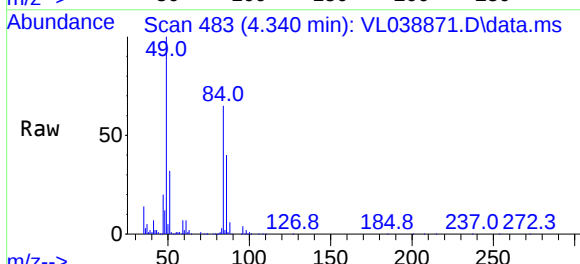
Tgt Ion: 45 Resp: 58304
Ion Ratio Lower Upper
45 100
58 2.2 0.0 0.0

Manual Integrations
APPROVED

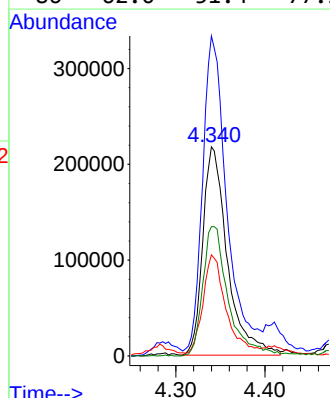
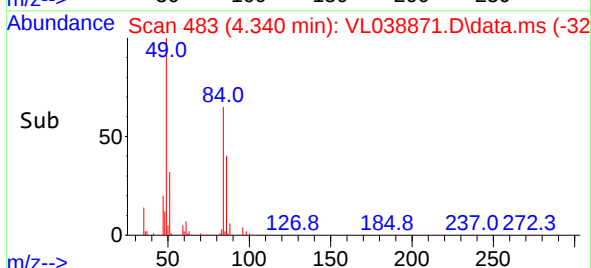
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

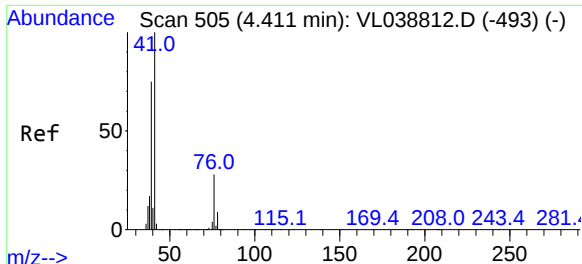


#20
Methylene Chloride
Concen: 9.053 ppbv
RT: 4.340 min Scan# 483
Delta R.T. -0.003 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07



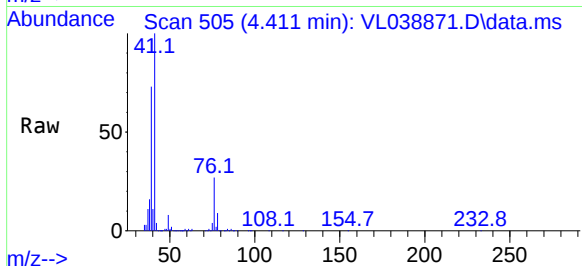
Tgt Ion: 84 Resp: 417864
Ion Ratio Lower Upper
84 100
49 150.3 129.4 194.0
51 47.0 37.4 56.2
86 62.0 51.4 77.2





#21
 Allyl Chloride
 Concen: 8.845 ppbv
 RT: 4.411 min Scan# 505
 Delta R.T. 0.000 min
 Lab File: VL038871.D
 Acq: 11 Apr 2022 15:07

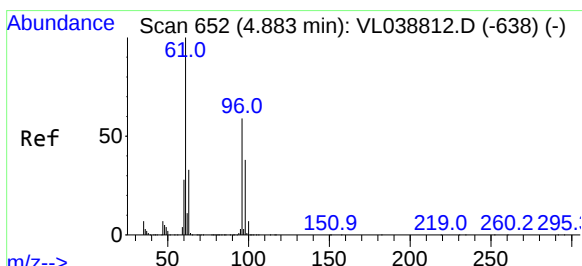
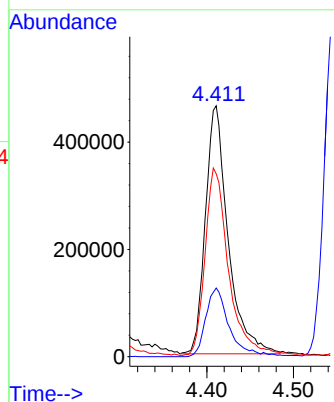
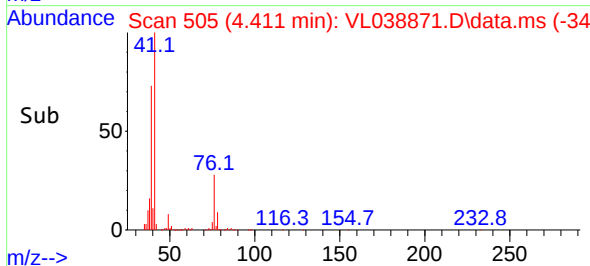
Instrument :
 MSVOA_L
 ClientSampleId :
 VL0411ABS01



Tgt Ion: 41 Resp: 842910
 Ion Ratio Lower Upper
 41 100
 76 28.5 23.7 35.5
 39 78.7 62.0 93.0

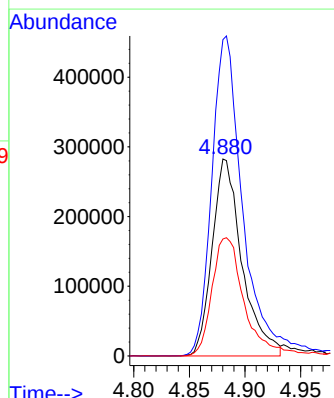
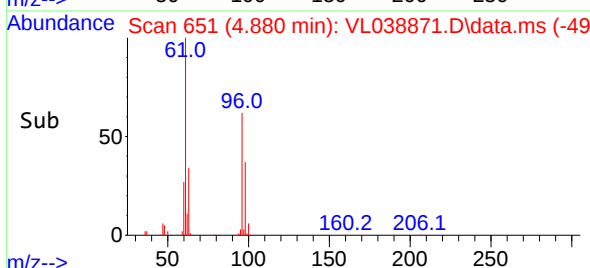
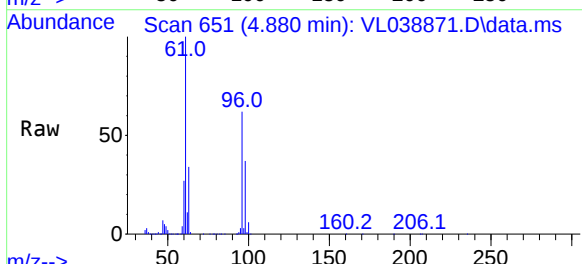
Manual Integrations
 APPROVED

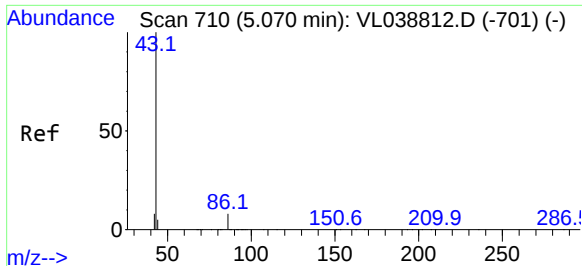
Reviewed By :Semsettin Yesilyurt 04/13/2022
 Supervised By :Mahesh Dadoda 04/14/2022



#22
 trans-1,2-Dichloroethene
 Concen: 10.257 ppbv
 RT: 4.880 min Scan# 651
 Delta R.T. -0.003 min
 Lab File: VL038871.D
 Acq: 11 Apr 2022 15:07

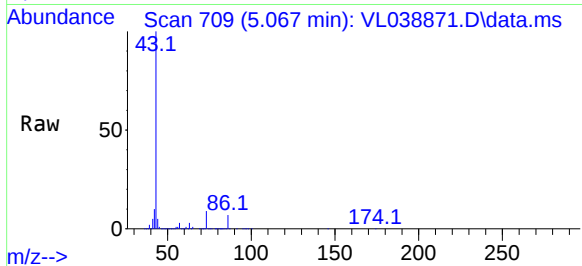
Tgt Ion: 96 Resp: 528383
 Ion Ratio Lower Upper
 96 100
 61 160.6 134.8 202.2
 98 59.3 51.9 77.9





#23
 Vinyl Acetate
 Concen: 9.547 ppbv
 RT: 5.067 min Scan# 709
 Delta R.T. -0.003 min
 Lab File: VL038871.D
 Acq: 11 Apr 2022 15:07

Instrument : MSVOA_L
 ClientSampleId : VL0411ABS01

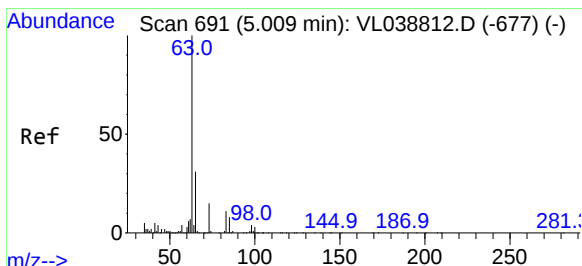
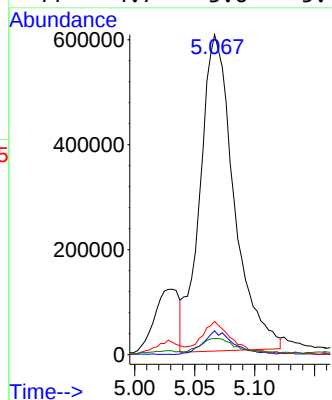
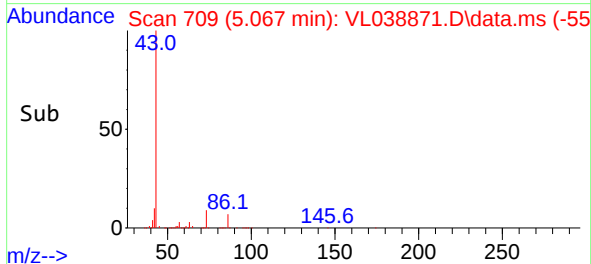


Tgt Ion: 43 Resp: 118338

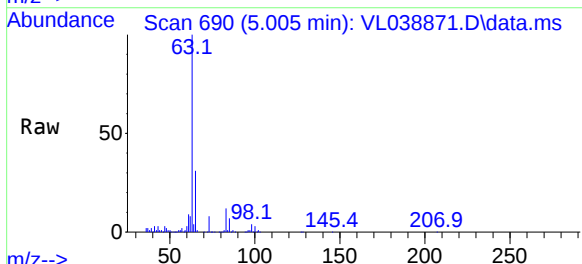
Ion	Ratio	Lower	Upper
43	100		
86	7.7	5.8	8.6
42	10.5	7.8	11.6
44	4.7	3.6	5.4

Manual Integrations
 APPROVED

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

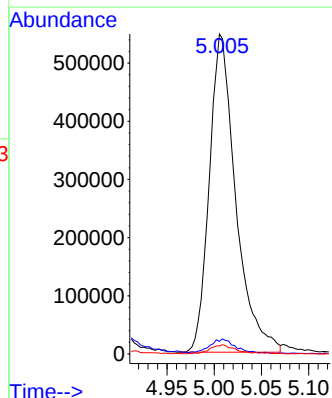
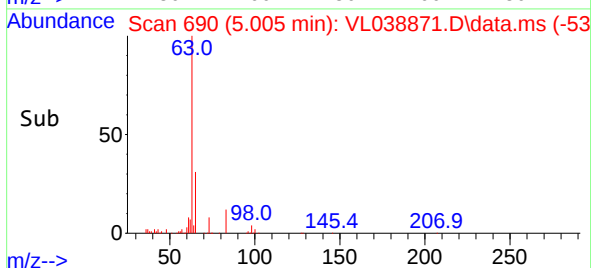


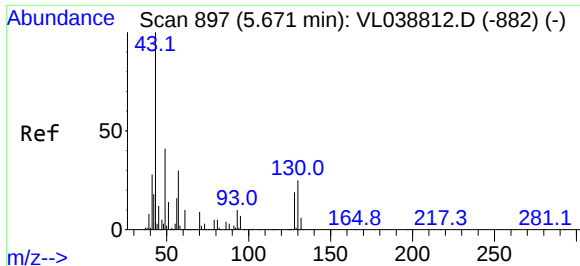
#24
 1,1-Dichloroethane
 Concen: 9.510 ppbv
 RT: 5.005 min Scan# 690
 Delta R.T. -0.003 min
 Lab File: VL038871.D
 Acq: 11 Apr 2022 15:07



Tgt Ion: 63 Resp: 1065239

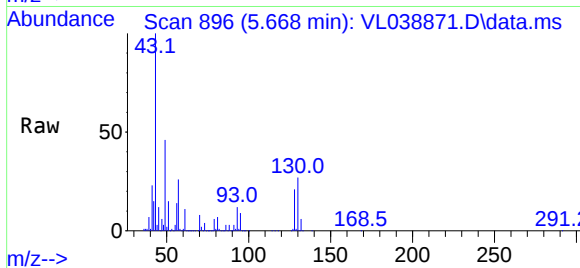
Ion	Ratio	Lower	Upper
63	100		
98	3.7	2.2	6.6
100	2.4	1.4	4.0





#25
Ethyl Acetate
Concen: 9.075 ppbv
RT: 5.668 min Scan# 896
Delta R.T. -0.003 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

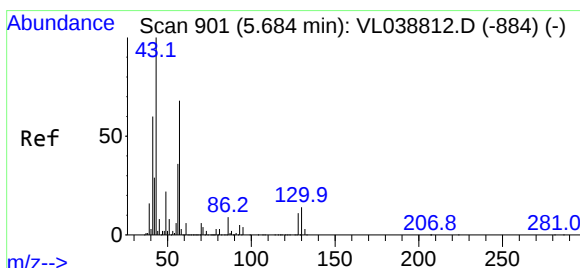
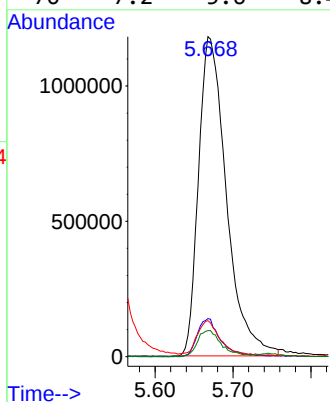
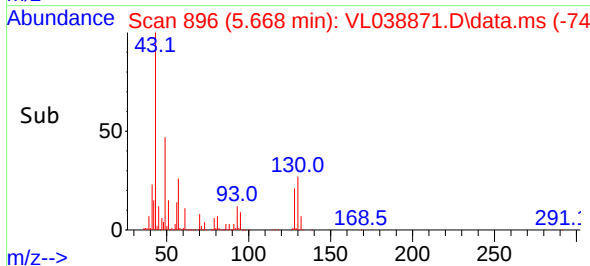


Tgt Ion: 43 Resp: 293088

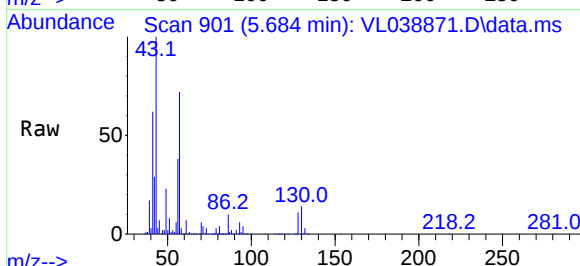
Ion	Ratio	Lower	Upper
43	100		
45	10.2	8.4	12.6
61	10.2	7.9	11.9
70	7.2	5.6	8.4

Manual Integrations
APPROVED

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

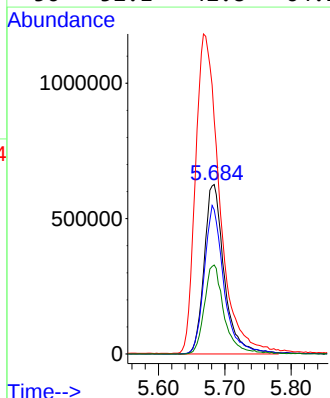
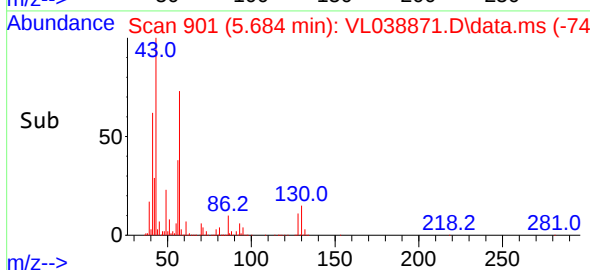


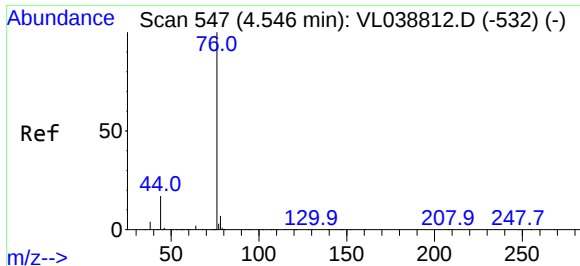
#26
Hexane
Concen: 8.956 ppbv
RT: 5.684 min Scan# 901
Delta R.T. 0.000 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07



Tgt Ion: 57 Resp: 1316435

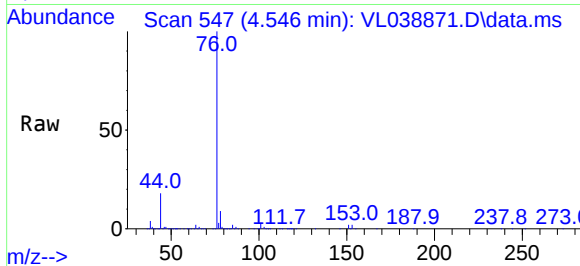
Ion	Ratio	Lower	Upper
57	100		
41	86.8	72.0	108.0
43	227.5	186.6	280.0
56	52.1	42.8	64.2





#27
Carbon Disulfide
Concen: 9.650 ppbv
RT: 4.546 min Scan# 547
Delta R.T. 0.000 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

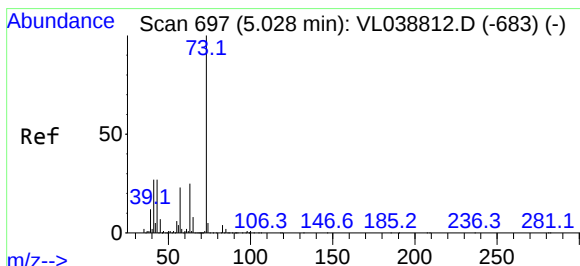
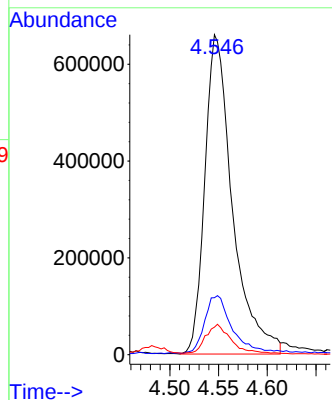
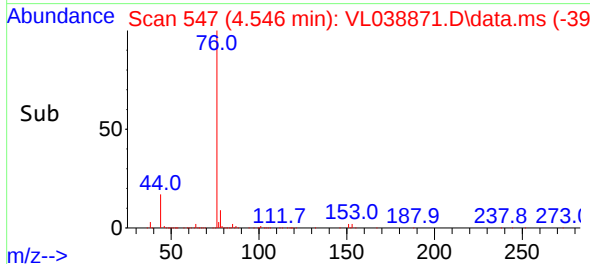
Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01



Tgt Ion: 76 Resp: 1300900
Ion Ratio Lower Upper
76 100
44 18.2 15.7 23.5
78 9.8 7.8 11.8

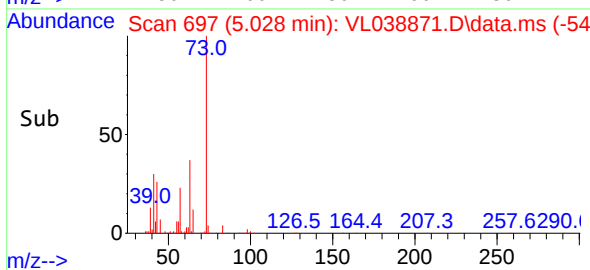
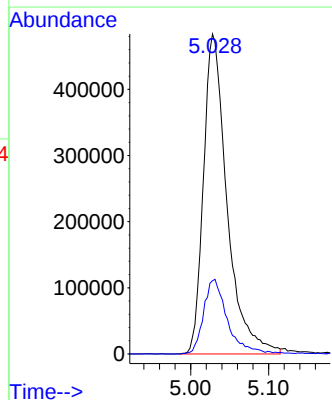
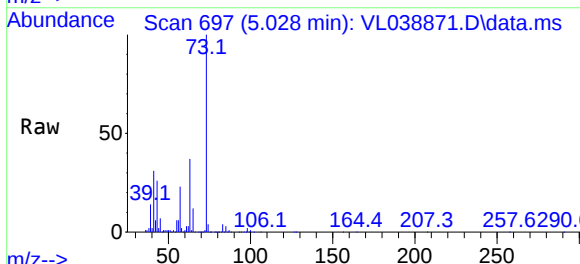
Manual Integrations
APPROVED

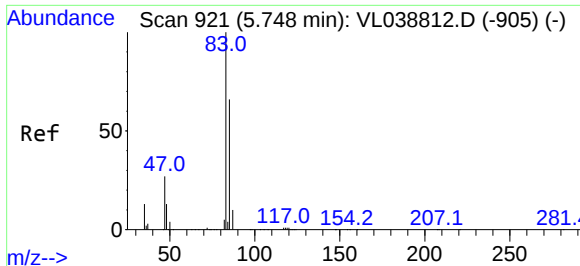
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#28
Methyl tert-Butyl Ether
Concen: 8.952 ppbv
RT: 5.028 min Scan# 697
Delta R.T. -0.000 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

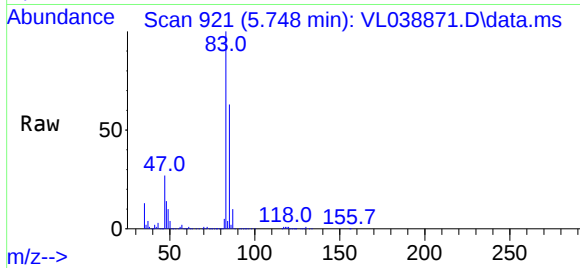
Tgt Ion: 73 Resp: 1016290
Ion Ratio Lower Upper
73 100
57 23.7 19.7 29.5





#29
Chloroform
Concen: 9.935 ppbv
RT: 5.748 min Scan# 91
Delta R.T. 0.000 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

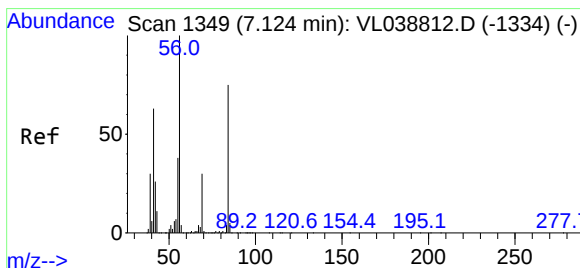
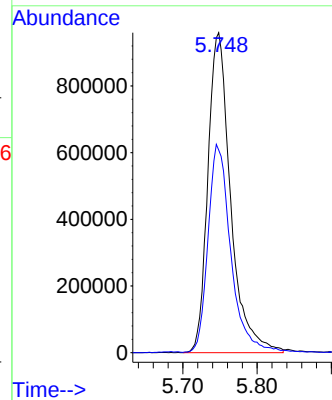
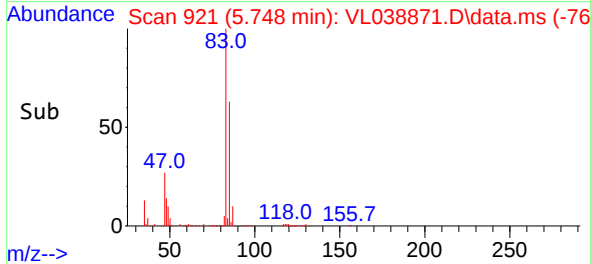
Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01



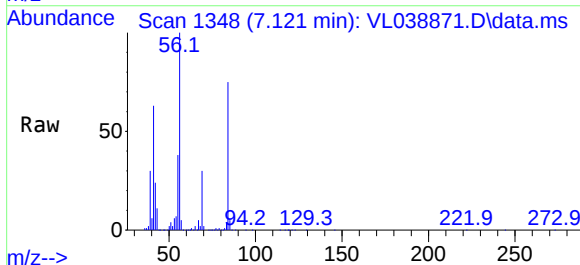
Tgt Ion: 83 Resp: 2043240
Ion Ratio Lower Upper
83 100
85 63.2 52.5 78.7

Manual Integrations
APPROVED

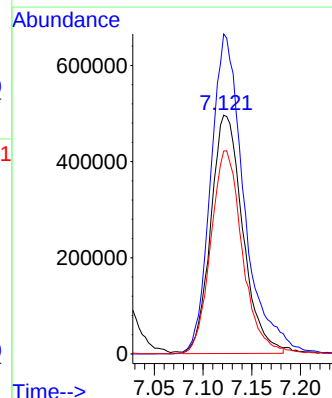
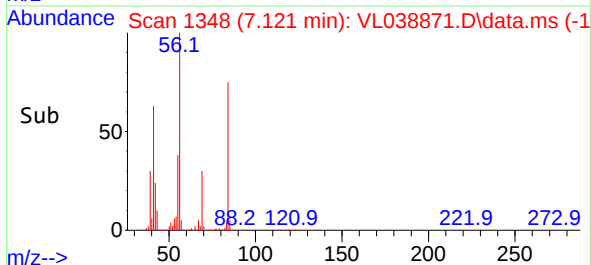
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

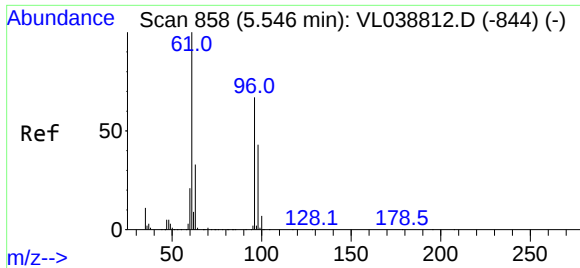


#30
Cyclohexane
Concen: 8.719 ppbv
RT: 7.121 min Scan# 1348
Delta R.T. -0.003 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07



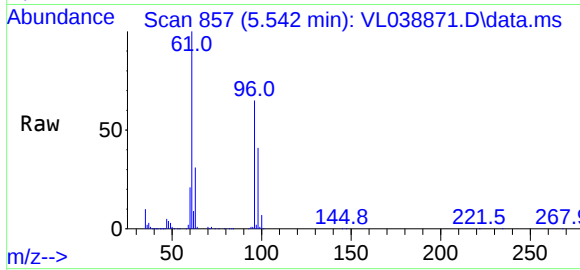
Tgt Ion: 84 Resp: 1129657
Ion Ratio Lower Upper
84 100
56 141.3 114.4 171.6
41 84.6 69.0 103.4





#31
cis-1,2-Dichloroethene
Concen: 9.697 ppbv
RT: 5.542 min Scan# 81
Delta R.T. -0.003 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

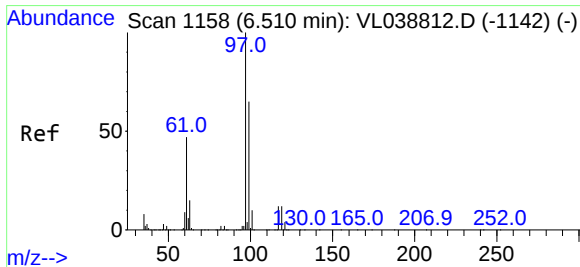
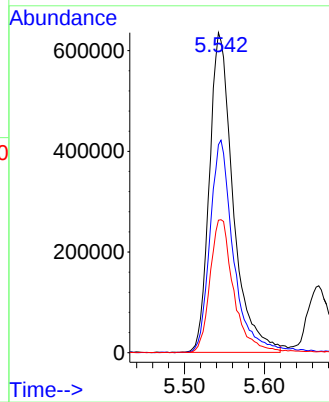
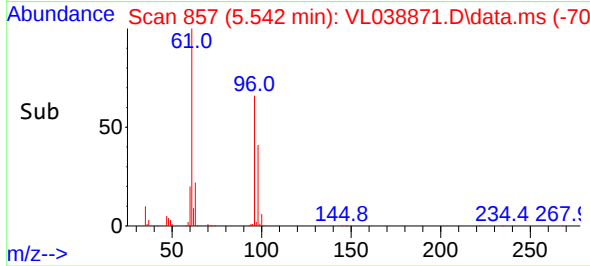
Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01



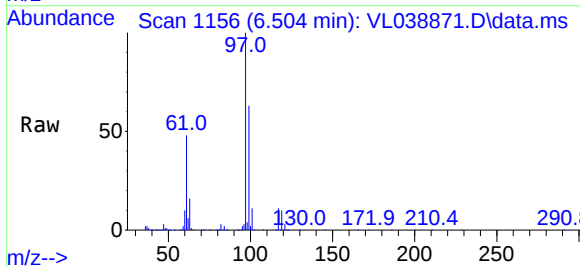
Tgt Ion: 61 Resp: 1310600
Ion Ratio Lower Upper
61 100
96 65.0 53.4 80.0
98 41.3 34.2 51.4

Manual Integrations
APPROVED

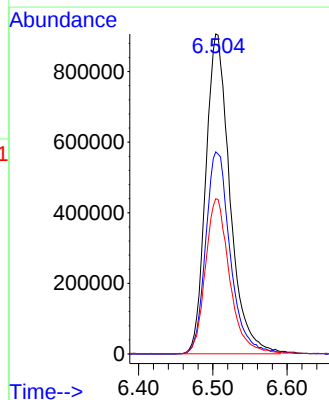
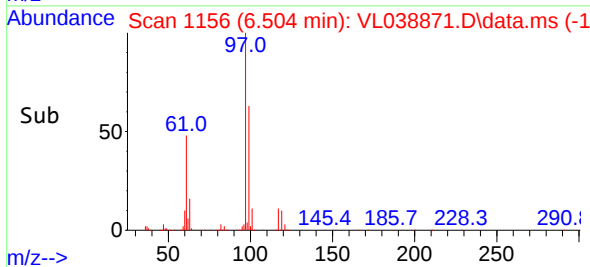
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

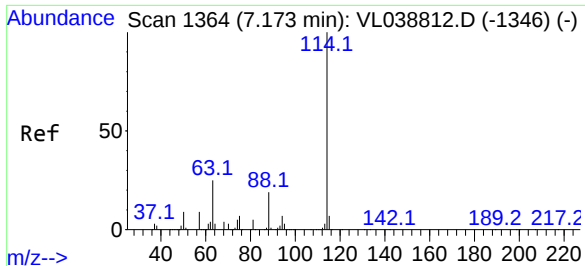


#32
1,1,1-Trichloroethane
Concen: 9.886 ppbv
RT: 6.504 min Scan# 1156
Delta R.T. -0.006 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07



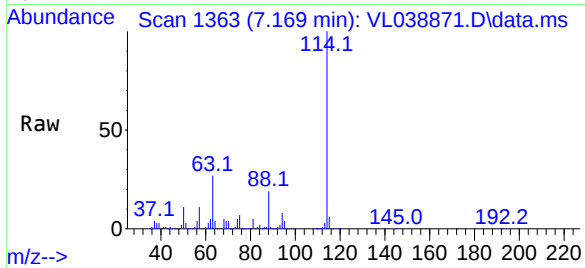
Tgt Ion: 97 Resp: 2048519
Ion Ratio Lower Upper
97 100
99 64.6 52.4 78.6
61 48.8 38.6 57.8





#33
1,4-Difluorobenzene
Concen: 10.000 ppbv
RT: 7.169 min Scan# 114
Delta R.T. -0.003 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

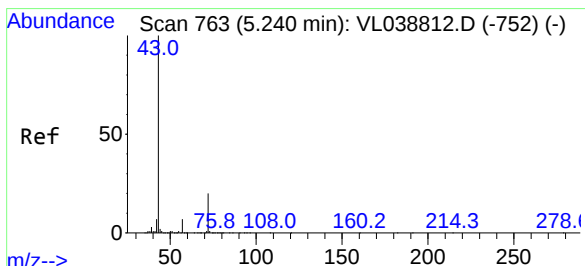
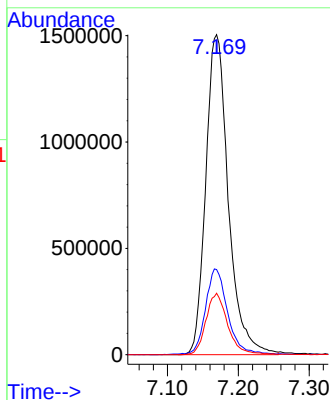
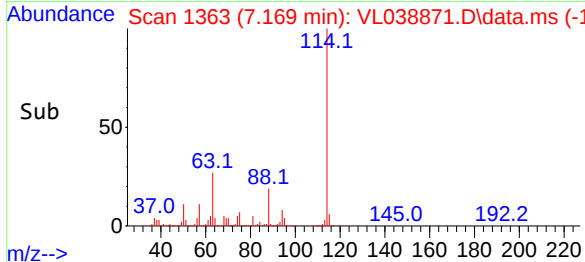
Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01



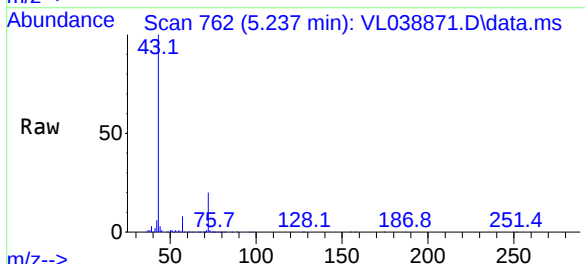
Tgt Ion:114 Resp: 3334140
Ion Ratio Lower Upper
114 100
63 26.5 19.8 29.8
88 18.6 14.2 21.4

Manual Integrations
APPROVED

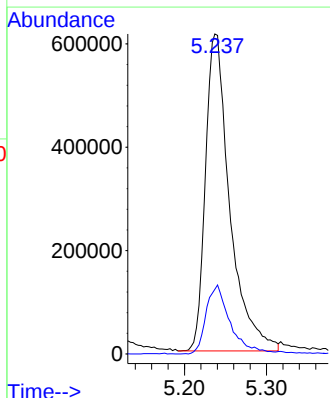
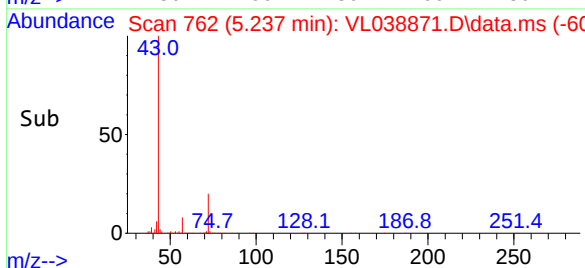
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

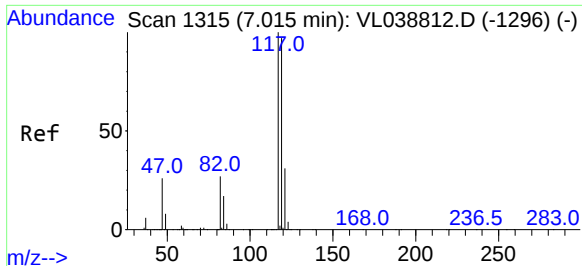


#34
2-Butanone
Concen: 9.588 ppbv
RT: 5.237 min Scan# 762
Delta R.T. -0.003 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07



Tgt Ion: 43 Resp: 1263161
Ion Ratio Lower Upper
43 100
72 22.2 16.9 25.3





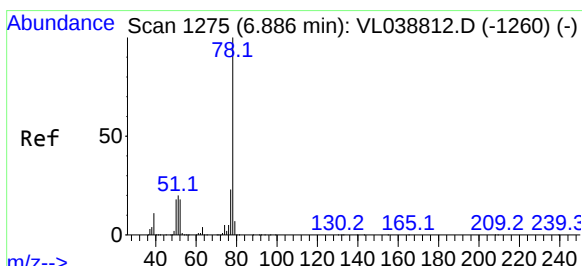
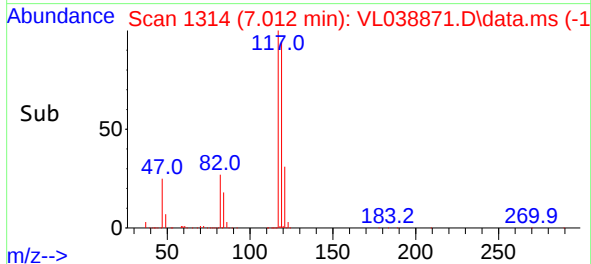
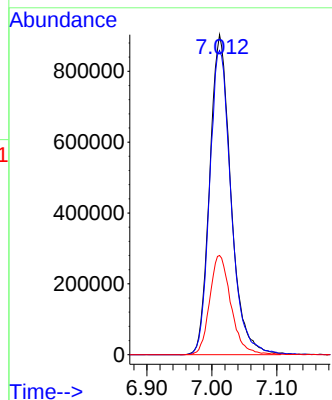
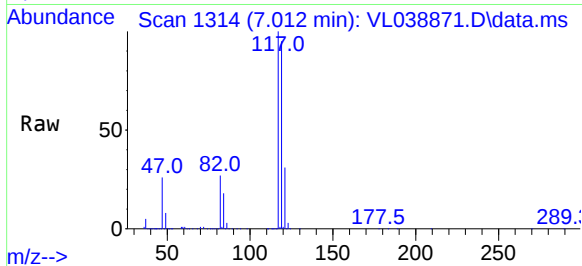
#35
Carbon Tetrachloride
Concen: 10.223 ppbv
RT: 7.012 min Scan# 11
Delta R.T. -0.003 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion: 117 Resp: 204335
Ion Ratio Lower Upper
117 100
119 95.1 77.7 116.5
121 31.0 24.5 36.7

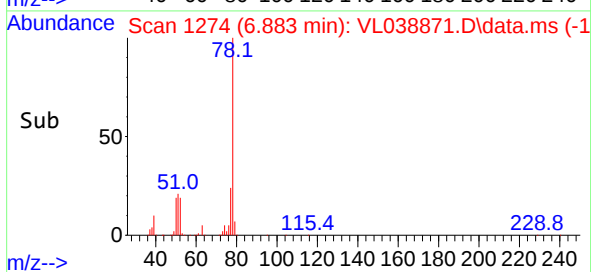
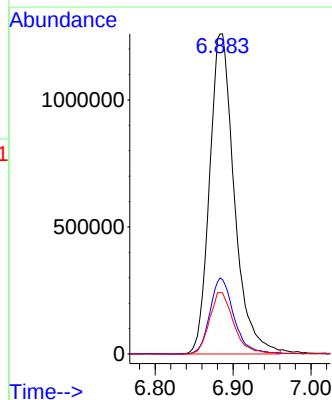
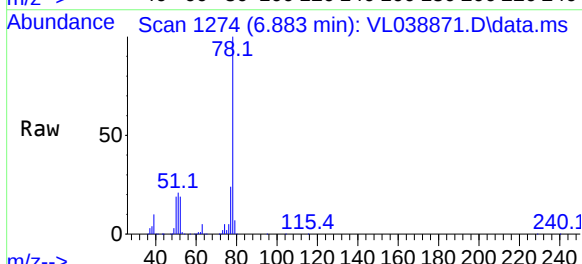
Manual Integrations
APPROVED

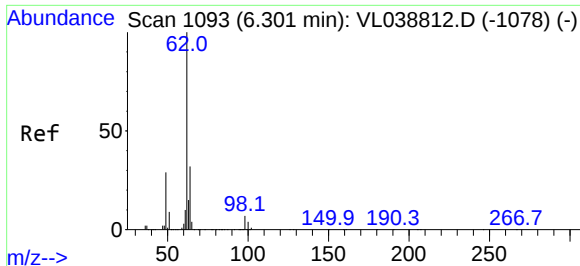
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#36
Benzene
Concen: 9.159 ppbv
RT: 6.883 min Scan# 1274
Delta R.T. -0.003 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

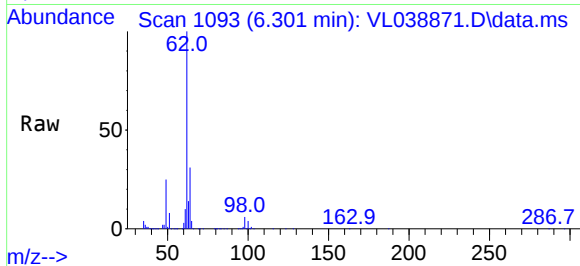
Tgt Ion: 78 Resp: 2777934
Ion Ratio Lower Upper
78 100
77 23.7 18.2 27.2
50 19.2 14.0 21.0





#37
1,2-Dichloroethane
Concen: 11.314 ppbv
RT: 6.301 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

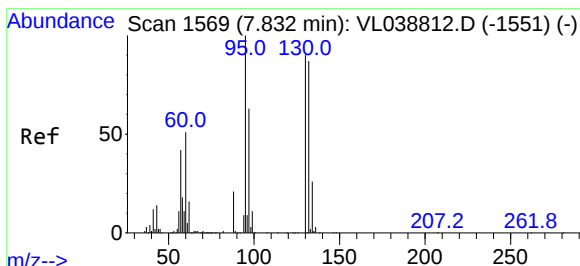
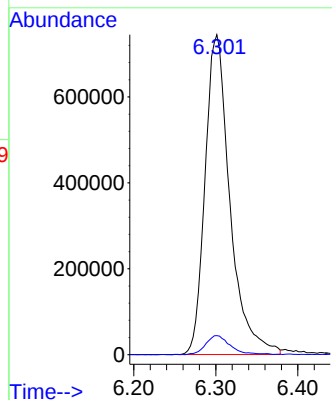
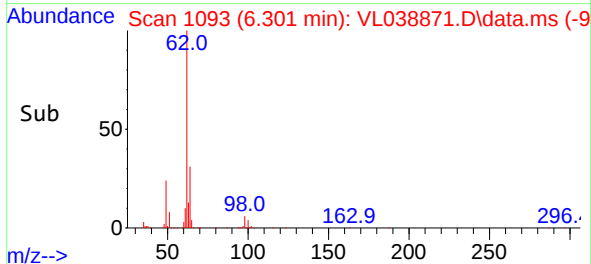
Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01



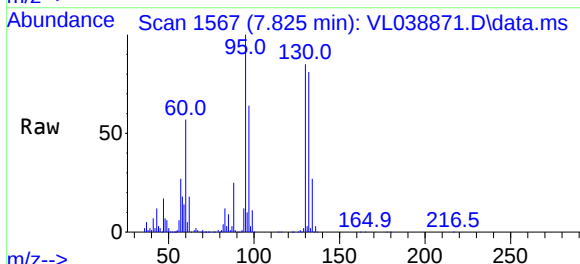
Tgt Ion: 62 Resp: 156893
Ion Ratio Lower Upper
62 100
98 6.0 5.9 8.9

Manual Integrations
APPROVED

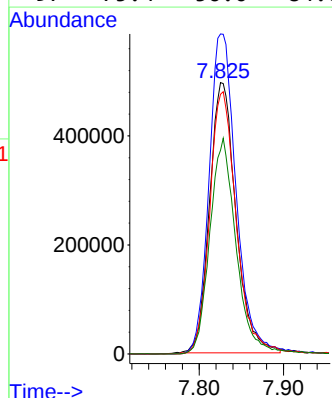
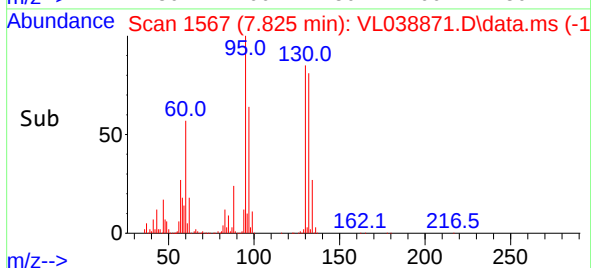
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

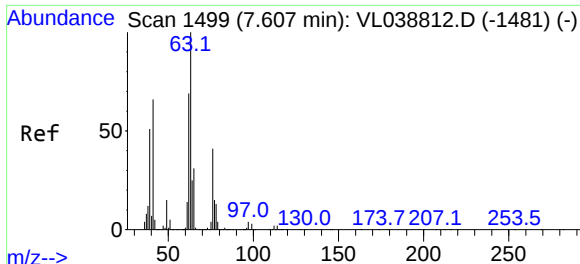


#38
Trichloroethene
Concen: 8.672 ppbv
RT: 7.825 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07



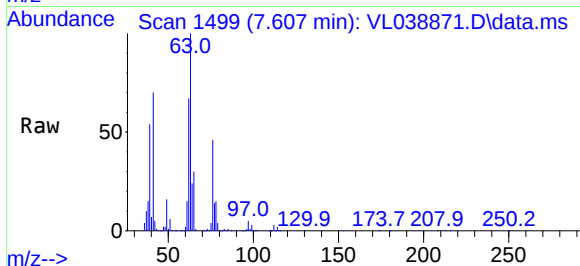
Tgt Ion:130 Resp: 1079298
Ion Ratio Lower Upper
130 100
95 118.4 89.4 134.0
132 96.1 77.7 116.5
97 75.4 56.0 84.0





#39
1,2-Dichloropropane
Concen: 9.496 ppbv
RT: 7.607 min Scan# 1499
Delta R.T. 0.000 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

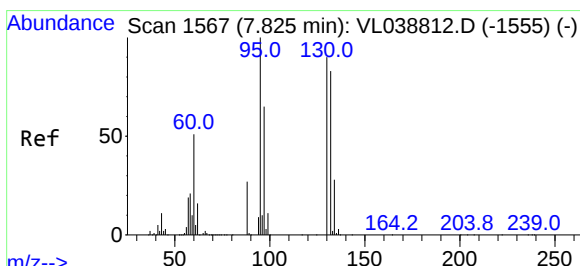
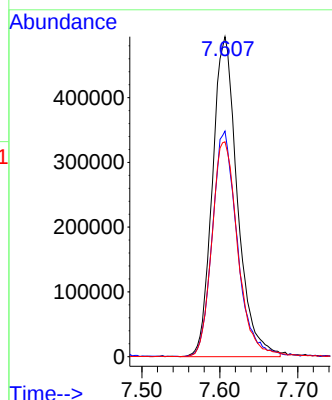
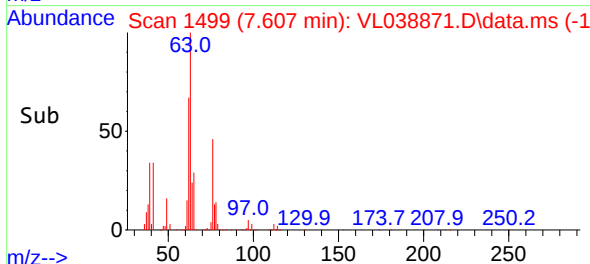
Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01



Tgt Ion: 63 Resp: 110170
Ion Ratio Lower Upper
63 100
41 70.4 53.0 79.6
62 67.1 55.0 82.4

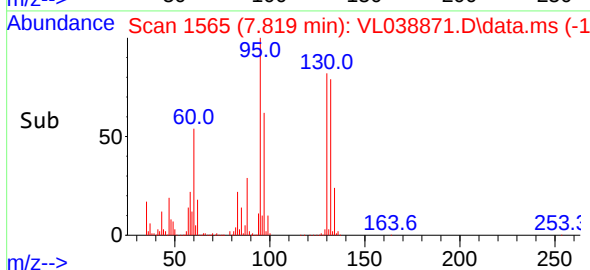
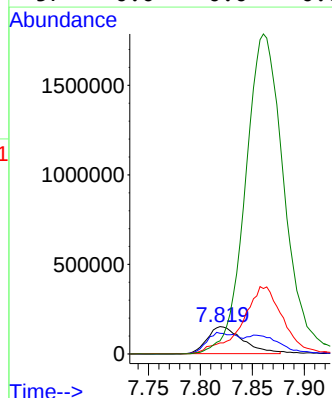
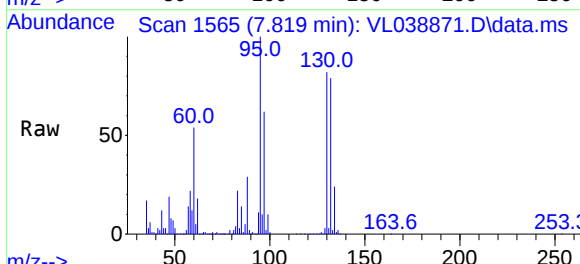
Manual Integrations
APPROVED

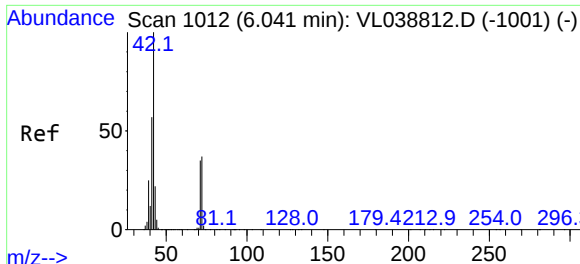
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#40
1,4-Dioxane
Concen: 9.127 ppbv
RT: 7.819 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

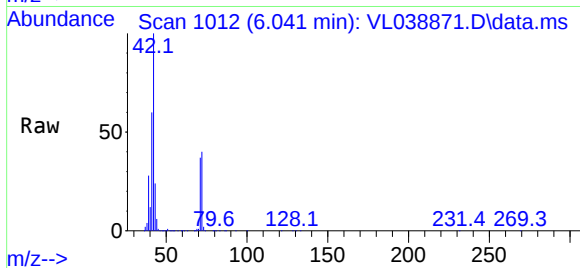
Tgt Ion: 88 Resp: 359562
Ion Ratio Lower Upper
88 100
58 139.6 49.4 74.0#
43 0.0 0.0 0.0
57 0.0 0.0 0.0





#41
Tetrahydrofuran
Concen: 8.963 ppbv
RT: 6.041 min Scan# 1012
Delta R.T. 0.000 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

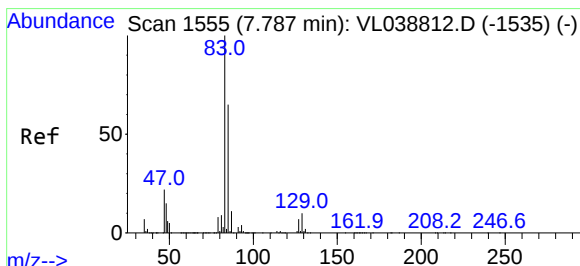
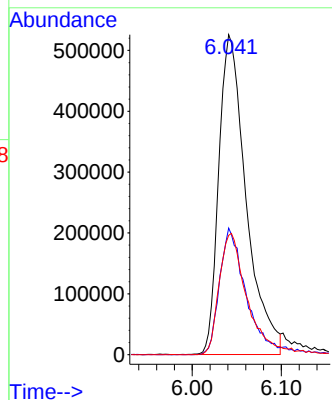
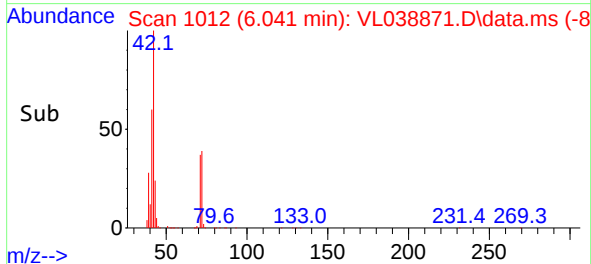
Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01



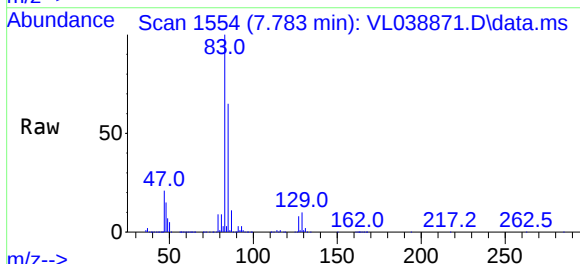
Tgt Ion: 42 Resp: 112154
Ion Ratio Lower Upper
42 100
72 40.2 31.4 47.0
71 39.9 30.2 45.4

Manual Integrations
APPROVED

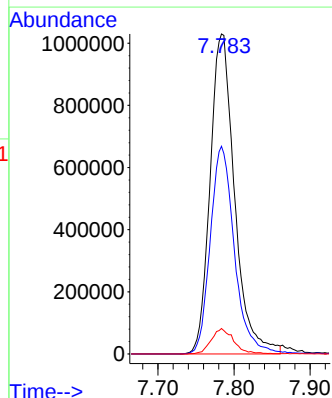
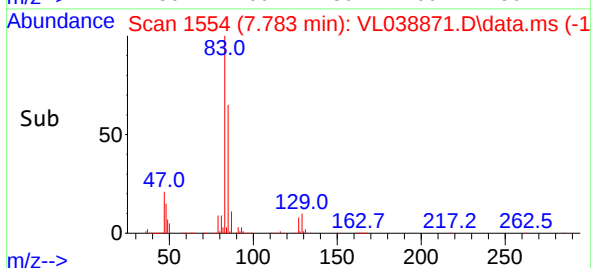
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

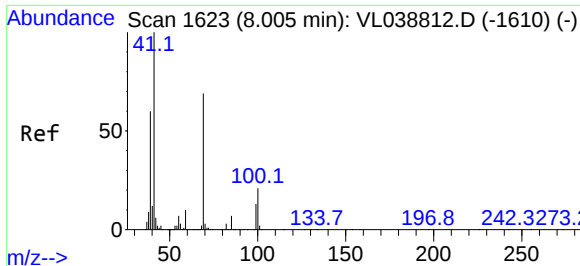


#42
Bromodichloromethane
Concen: 10.518 ppbv
RT: 7.783 min Scan# 1554
Delta R.T. -0.003 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07



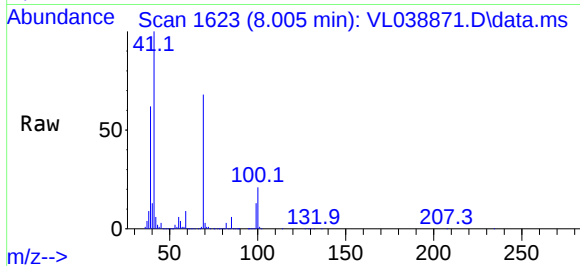
Tgt Ion: 83 Resp: 2303417
Ion Ratio Lower Upper
83 100
85 64.9 51.7 77.5
127 7.9 5.9 8.9





#43
Methyl Methacrylate
Concen: 9.915 ppbv
RT: 8.005 min Scan# 115186
Delta R.T. 0.000 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

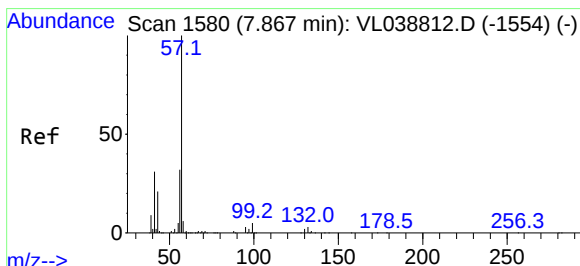
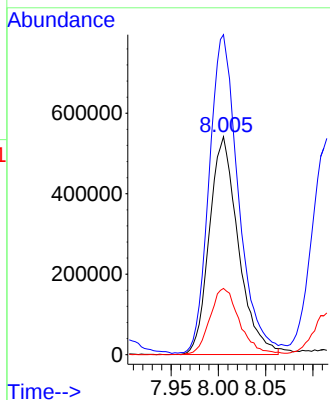
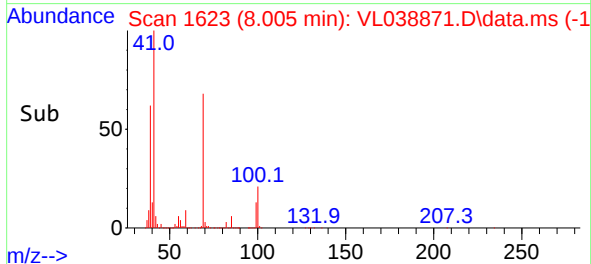
Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01



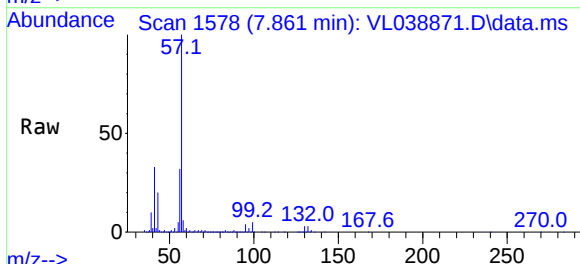
Tgt Ion: 69 Resp: 115186
Ion Ratio Lower Upper
69 100
41 149.3 119.0 178.4
100 31.4 26.4 39.6

Manual Integrations
APPROVED

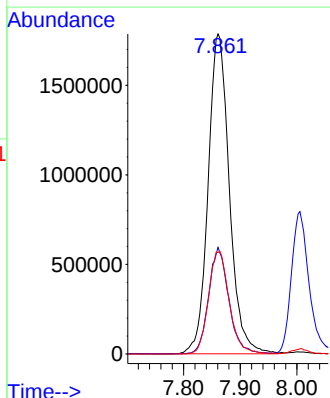
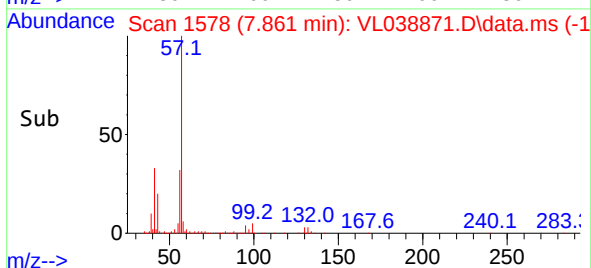
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

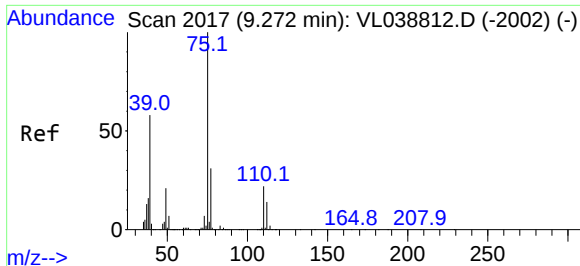


#44
2,2,4-Trimethylpentane
Concen: 9.060 ppbv
RT: 7.861 min Scan# 1578
Delta R.T. -0.006 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07



Tgt Ion: 57 Resp: 4652309
Ion Ratio Lower Upper
57 100
41 31.4 25.0 37.4
56 31.5 25.3 37.9





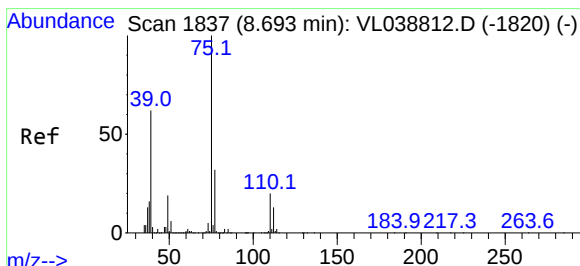
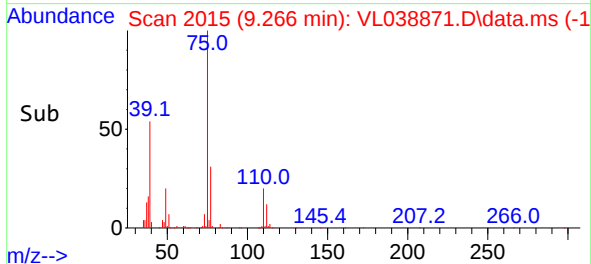
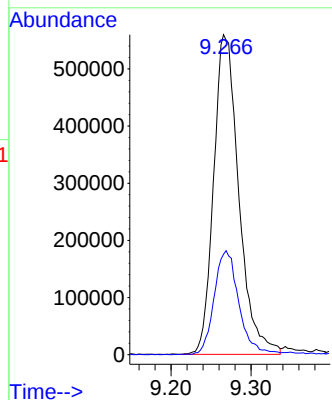
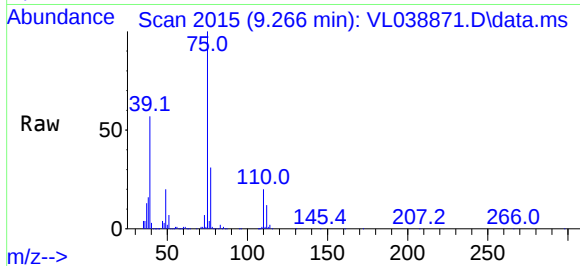
#45
t-1,3-Dichloropropene
Concen: 10.054 ppbv
RT: 9.266 min Scan# 2017
Delta R.T. -0.006 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion: 75 Resp: 1221225
Ion Ratio Lower Upper
75 100
77 31.4 25.0 37.4

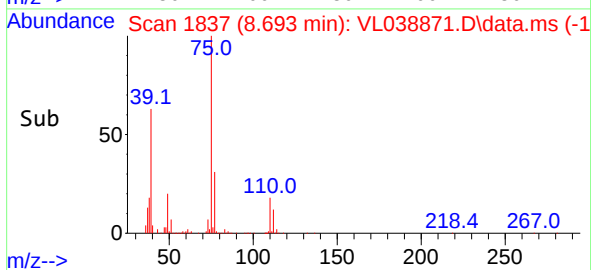
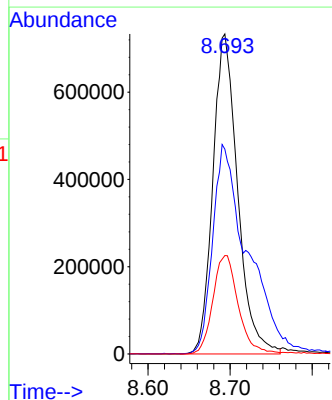
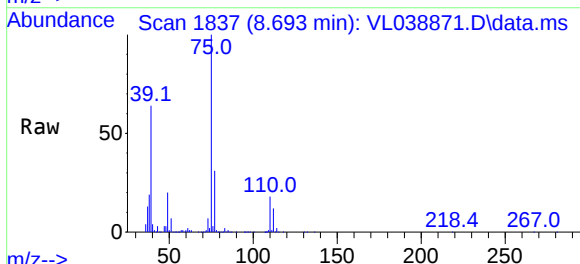
Manual Integrations
APPROVED

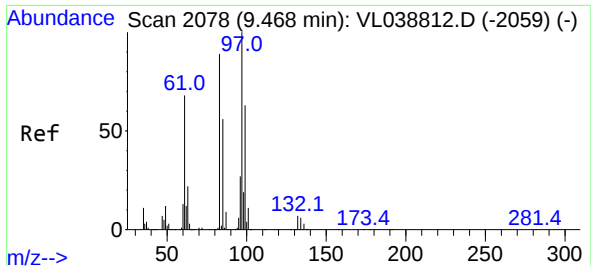
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#46
cis-1,3-Dichloropropene
Concen: 9.600 ppbv
RT: 8.693 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

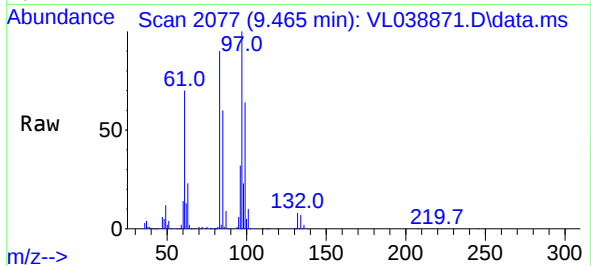
Tgt Ion: 75 Resp: 1537396
Ion Ratio Lower Upper
75 100
39 63.9 49.7 74.5
77 30.7 25.6 38.4





#47
1,1,2-Trichloroethane
Concen: 9.416 ppbv
RT: 9.465 min Scan# 2078
Delta R.T. -0.003 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

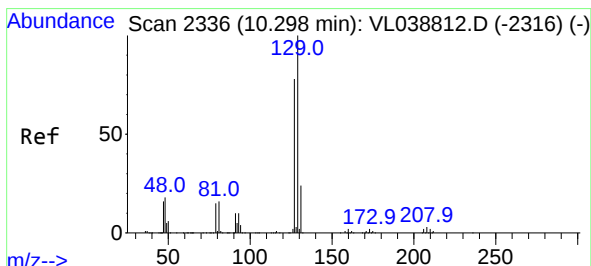
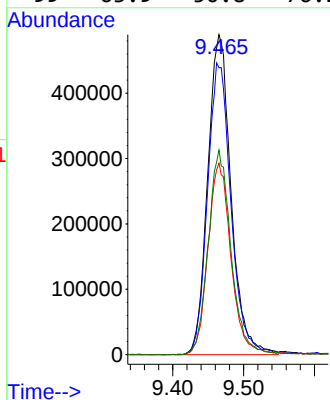
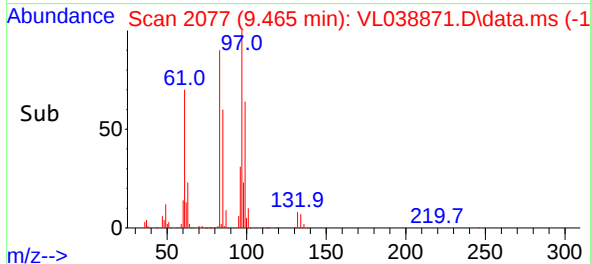
Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01



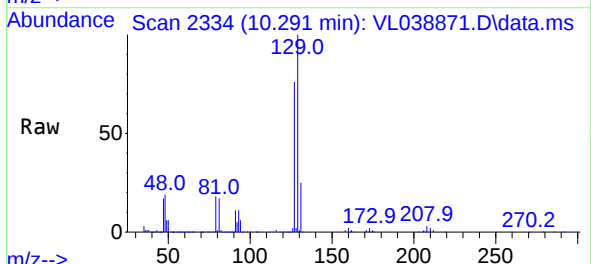
Tgt Ion: 97 Resp: 1119340
Ion Ratio Lower Upper
97 100
83 89.6 71.1 106.7
85 59.8 45.1 67.7
99 63.9 50.8 76.2

Manual Integrations
APPROVED

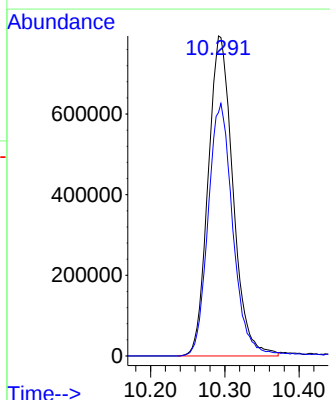
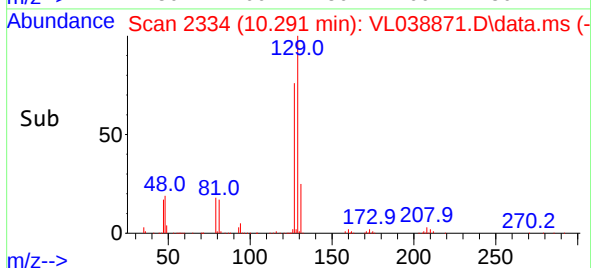
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

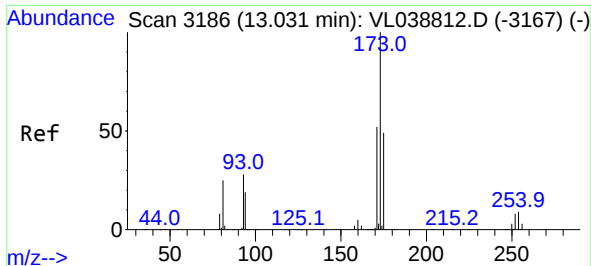


#48
Dibromochloromethane
Concen: 9.880 ppbv
RT: 10.291 min Scan# 2334
Delta R.T. -0.006 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07



Tgt Ion:129 Resp: 1840721
Ion Ratio Lower Upper
129 100
127 79.6 38.9 116.6





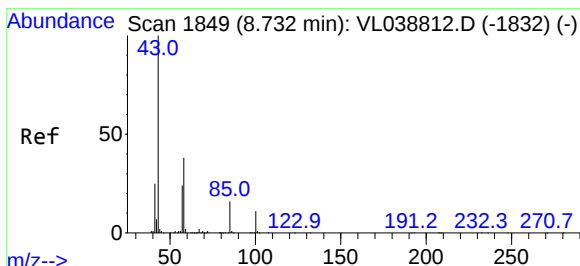
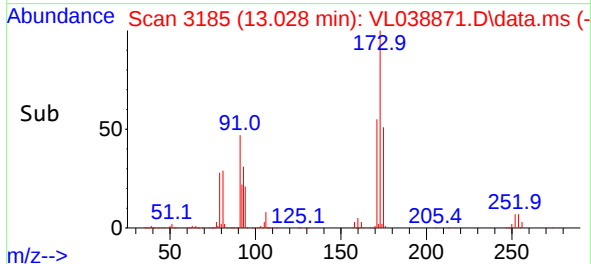
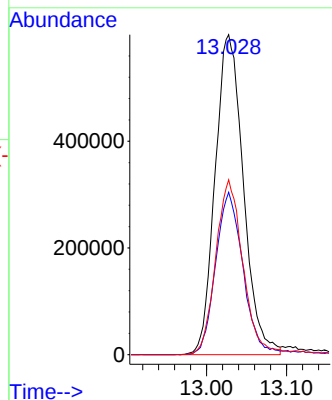
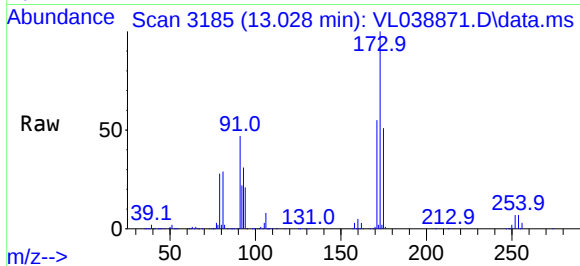
#49
Bromoform
Concen: 9.968 ppbv
RT: 13.028 min Scan# 3186
Delta R.T. -0.003 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Instrument : MSVOA_L
ClientSampleId : VL0411ABS01

Tgt Ion:173 Resp: 1470924
Ion Ratio Lower Upper
173 100
175 50.2 39.9 59.9
171 53.5 43.4 65.0

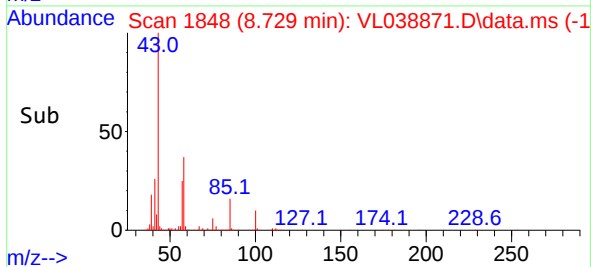
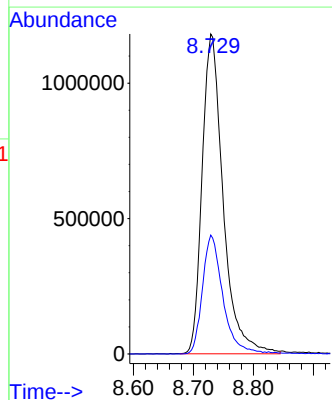
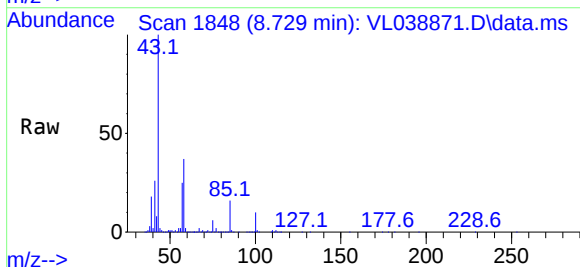
Manual Integrations
APPROVED

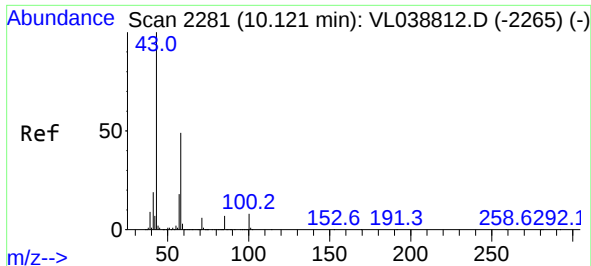
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#50
4-Methyl-2-Pentanone
Concen: 9.719 ppbv
RT: 8.729 min Scan# 1848
Delta R.T. -0.003 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

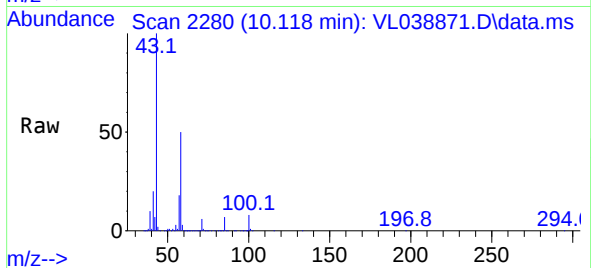
Tgt Ion: 43 Resp: 2880127
Ion Ratio Lower Upper
43 100
58 36.6 29.0 43.6





#51
2-Hexanone
Concen: 10.137 ppbv
RT: 10.118 min Scan# 21
Delta R.T. -0.003 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

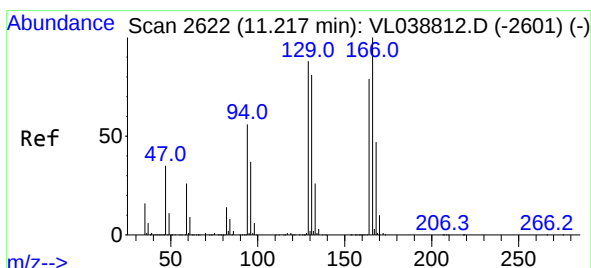
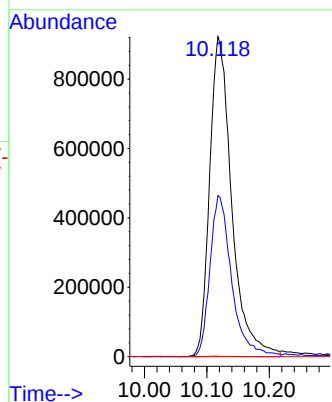
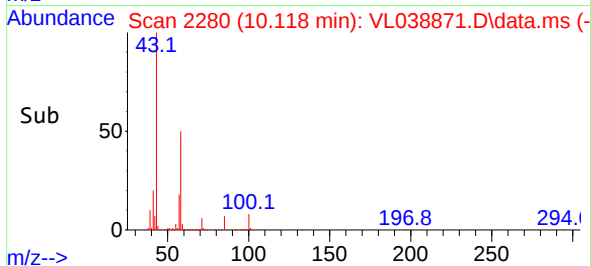
Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01



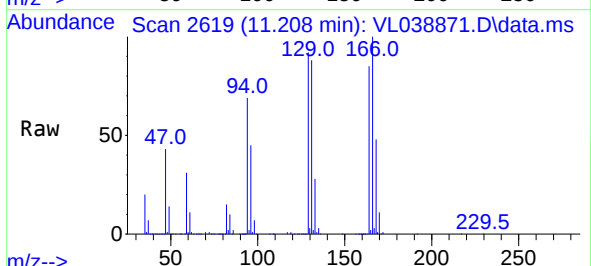
Tgt Ion: 43 Resp: 226344
Ion Ratio Lower Upper
43 100
58 50.8 41.4 62.0
98 0.1 0.1 0.1

Manual Integrations
APPROVED

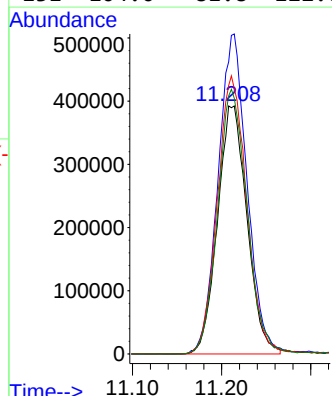
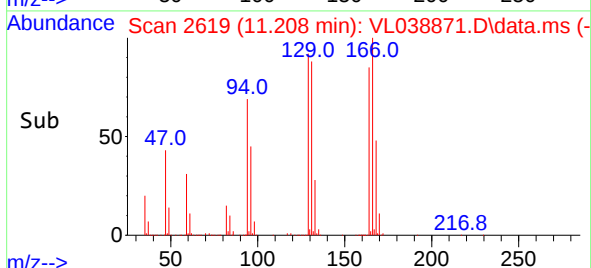
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

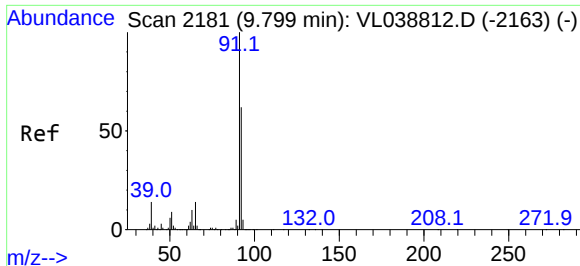


#52
Tetrachloroethene
Concen: 8.516 ppbv
RT: 11.208 min Scan# 2619
Delta R.T. -0.010 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07



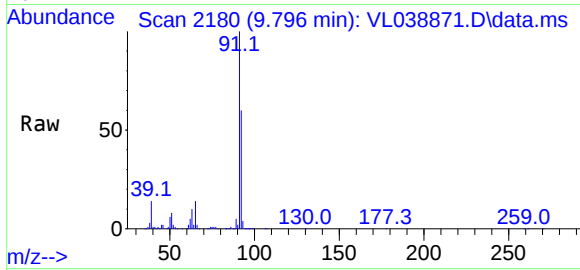
Tgt Ion:164 Resp: 902216
Ion Ratio Lower Upper
164 100
166 117.8 101.0 151.6
129 108.2 88.7 133.1
131 104.0 81.8 122.6





#53
Toluene
Concen: 9.054 ppbv
RT: 9.796 min Scan# 2181
Delta R.T. -0.003 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

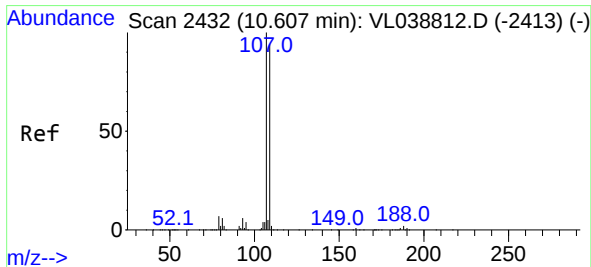
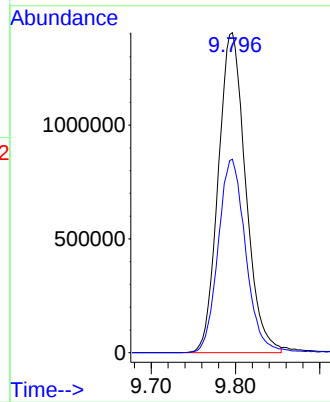
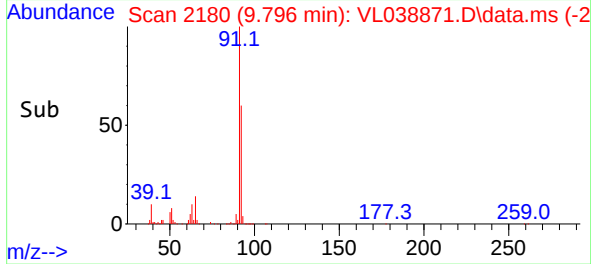
Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01



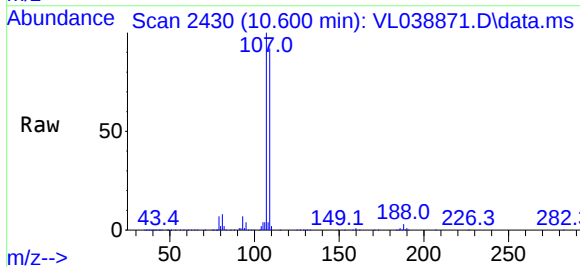
Tgt Ion: 91 Resp: 3170098
Ion Ratio Lower Upper
91 100
92 61.4 49.2 73.8

Manual Integrations
APPROVED

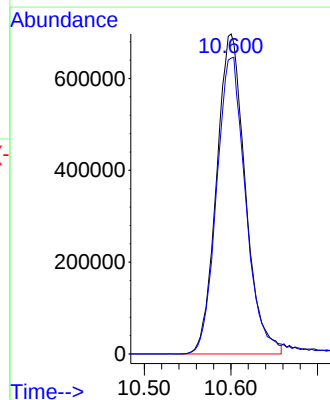
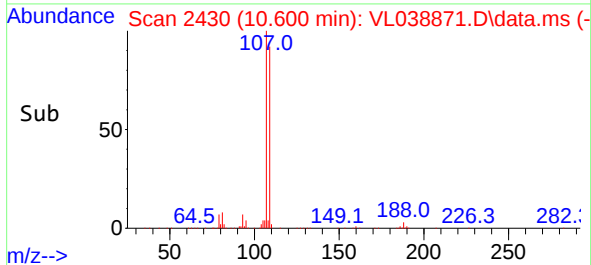
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

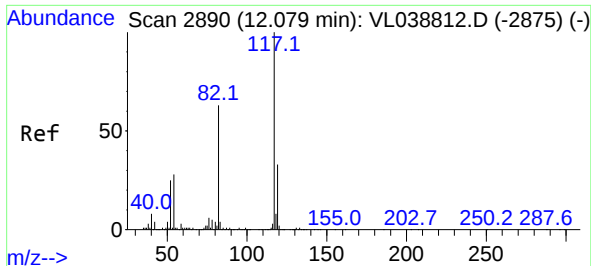


#54
1,2-Dibromoethane
Concen: 9.728 ppbv
RT: 10.600 min Scan# 2430
Delta R.T. -0.006 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07



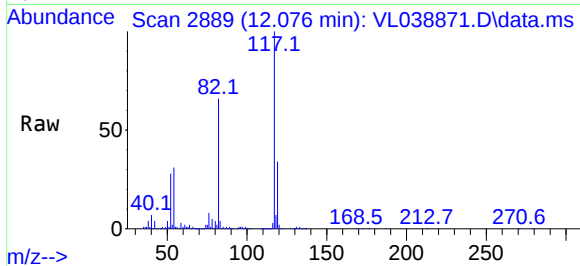
Tgt Ion:107 Resp: 1606299
Ion Ratio Lower Upper
107 100
109 92.5 75.5 113.3





#55
Chlorobenzene-d5
Concen: 10.000 ppbv m
RT: 12.076 min Scan# 2890
Delta R.T. -0.003 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

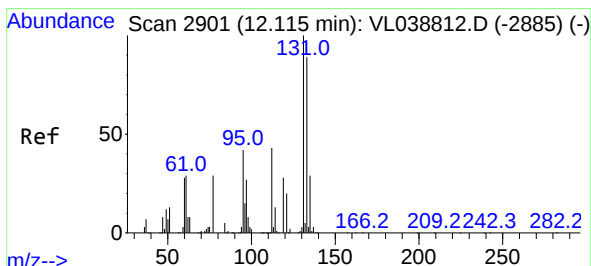
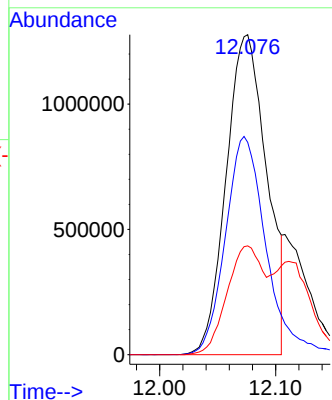
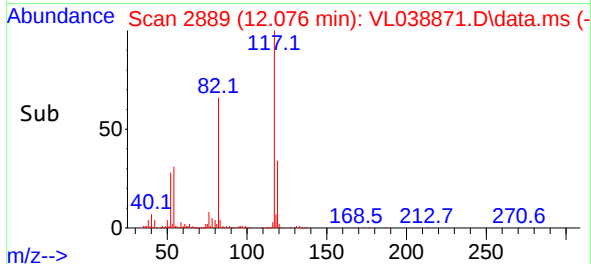
Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01



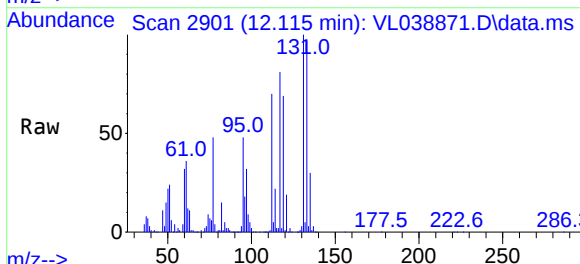
Tgt Ion:117 Resp: 3107989
Ion Ratio Lower Upper
117 100
82 70.1 53.0 79.6
119 31.8 24.9 37.3

Manual Integrations
APPROVED

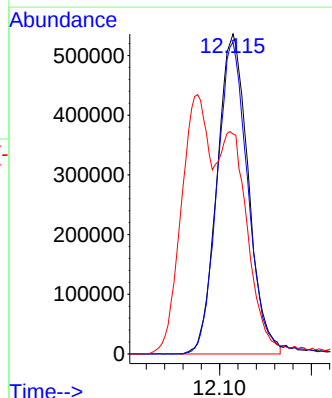
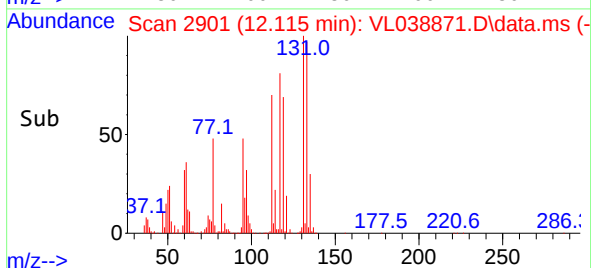
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

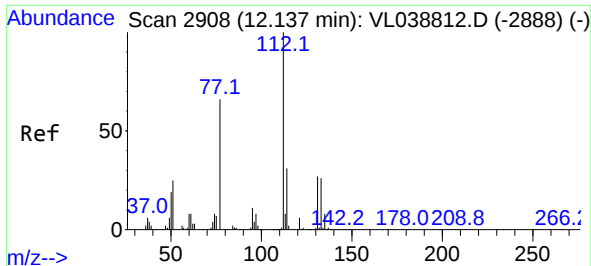


#56
1,1,1,2-Tetrachloroethane
Concen: 9.283 ppbv
RT: 12.115 min Scan# 2901
Delta R.T. -0.000 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07



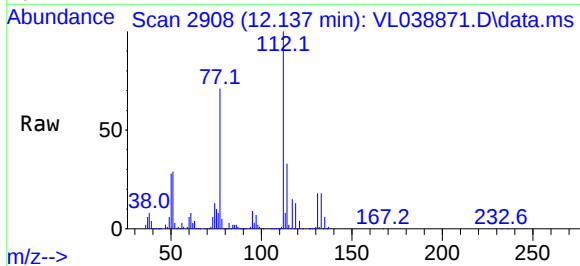
Tgt Ion:131 Resp: 1264346
Ion Ratio Lower Upper
131 100
133 98.6 78.2 117.4
119 67.0 58.6 87.8





#57
Chlorobenzene
Concen: 8.677 ppbv
RT: 12.137 min Scan# 2908
Delta R.T. 0.000 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

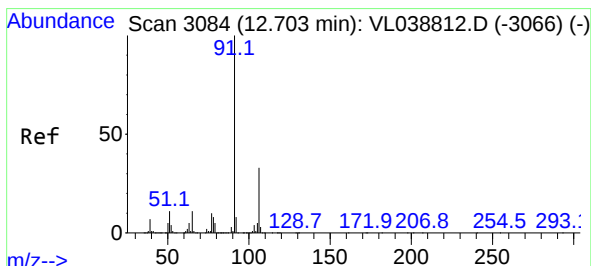
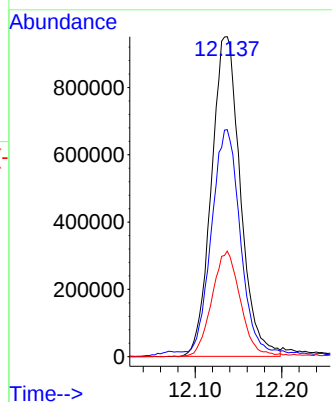
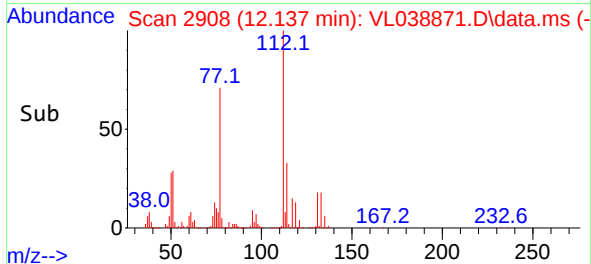
Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01



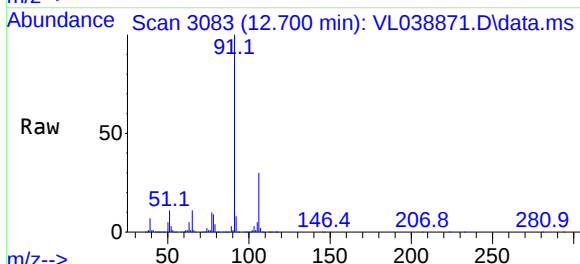
Tgt Ion:112 Resp: 2208640
Ion Ratio Lower Upper
112 100
77 69.5 52.4 78.6
114 33.0 28.1 34.3

Manual Integrations
APPROVED

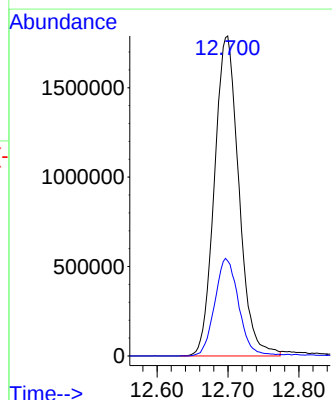
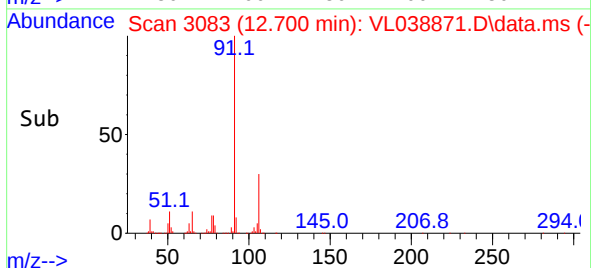
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

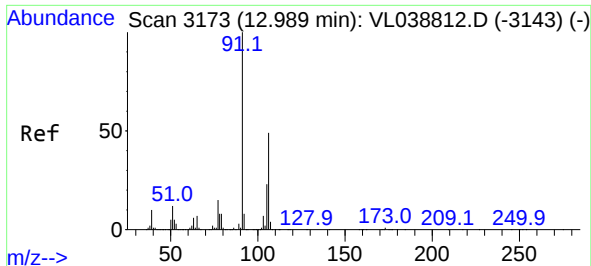


#58
Ethyl Benzene
Concen: 9.220 ppbv
RT: 12.700 min Scan# 3083
Delta R.T. -0.003 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07



Tgt Ion: 91 Resp: 4282150
Ion Ratio Lower Upper
91 100
106 29.7 26.7 40.1





#59

m/p-Xylene

Concen: 18.466 ppbv m

RT: 12.983 min Scan# 3173

Delta R.T. -0.006 min

Lab File: VL038871.D

Acq: 11 Apr 2022 15:07

Instrument :

MSVOA_L

ClientSampleId :

VL0411ABS01

Tgt Ion: 91 Resp: 720515

Ion Ratio Lower Upper

91 100

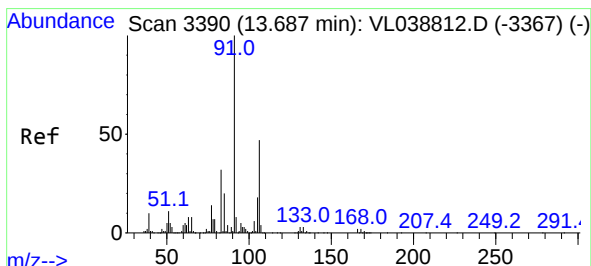
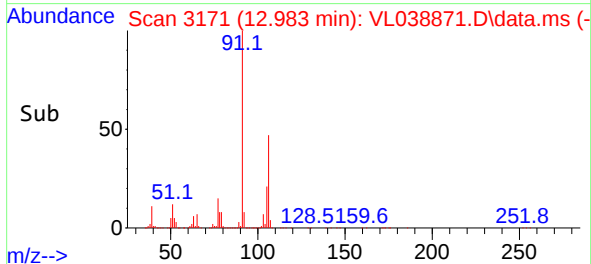
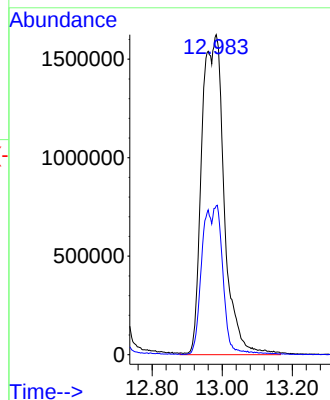
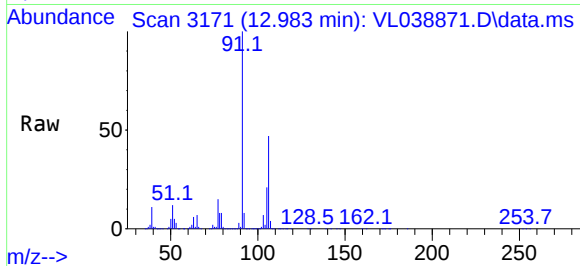
106 43.2 37.1 55.7

Manual Integrations

APPROVED

Reviewed By :Semsettin Yesilyurt 04/13/2022

Supervised By :Mahesh Dadoda 04/14/2022



#60

o-Xylene

Concen: 9.079 ppbv

RT: 13.680 min Scan# 3388

Delta R.T. -0.006 min

Lab File: VL038871.D

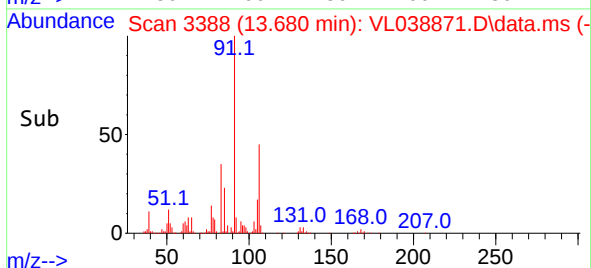
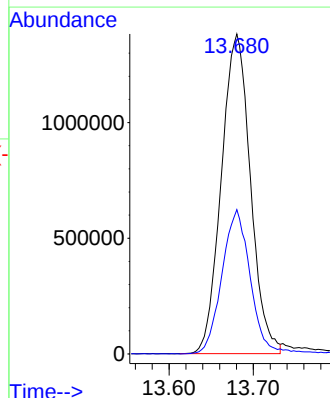
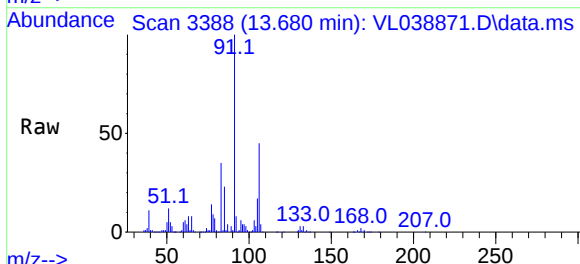
Acq: 11 Apr 2022 15:07

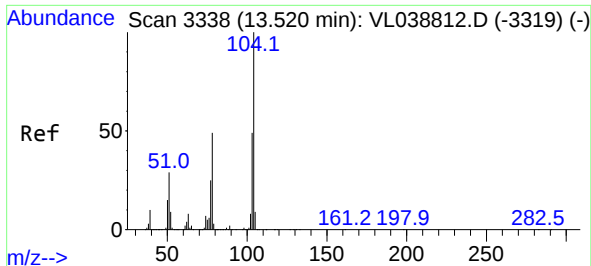
Tgt Ion: 91 Resp: 3314938

Ion Ratio Lower Upper

91 100

106 45.0 23.8 71.4





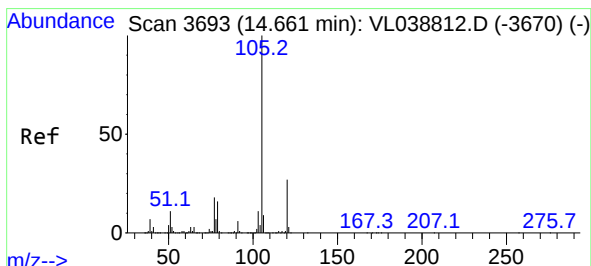
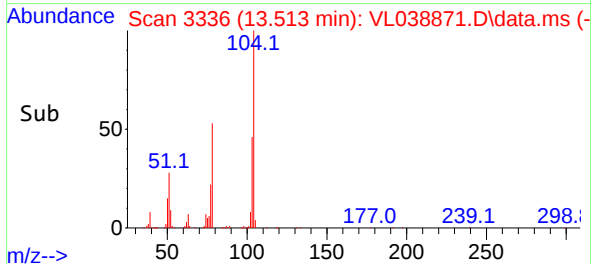
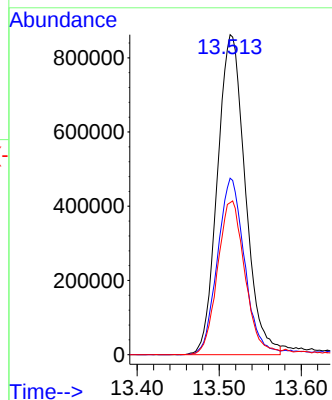
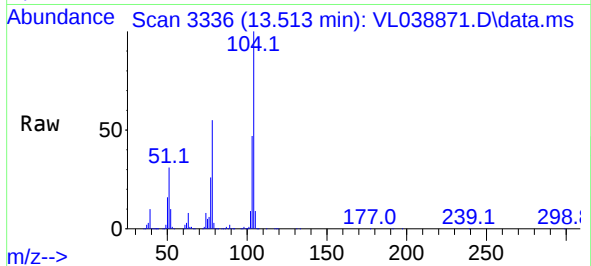
#61
Styrene
Concen: 9.149 ppbv
RT: 13.513 min Scan# 31
Delta R.T. -0.006 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion:104 Resp: 203507
Ion Ratio Lower Upper
104 100
78 54.7 40.5 60.7
103 48.8 39.0 58.4

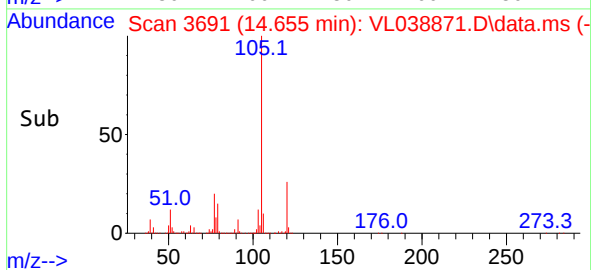
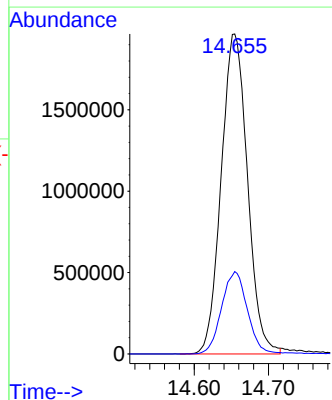
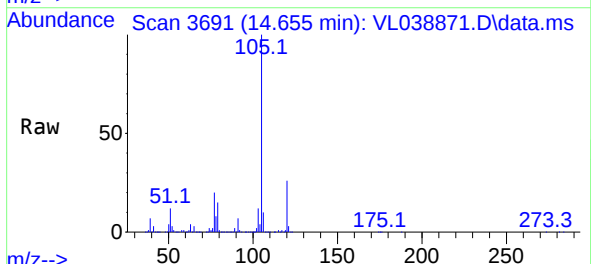
Manual Integrations
APPROVED

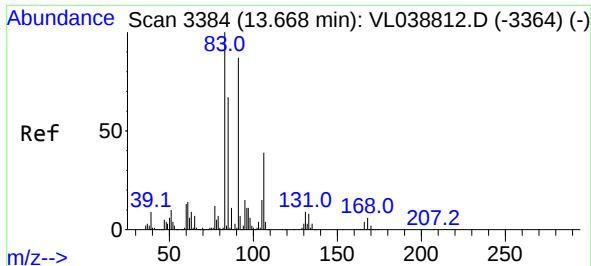
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#62
Isopropylbenzene
Concen: 8.825 ppbv
RT: 14.655 min Scan# 3691
Delta R.T. -0.006 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Tgt Ion:105 Resp: 4836242
Ion Ratio Lower Upper
105 100
120 25.6 21.8 32.8





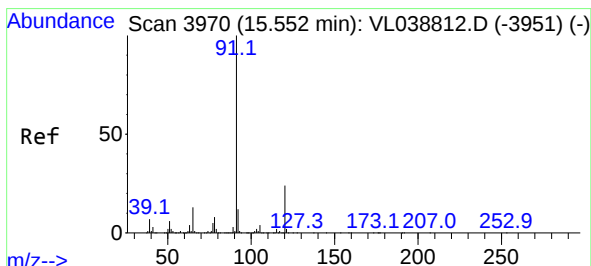
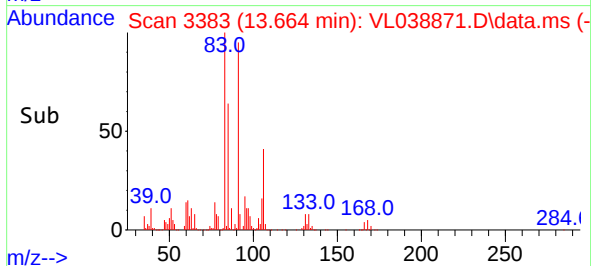
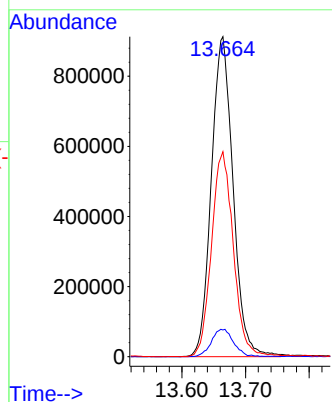
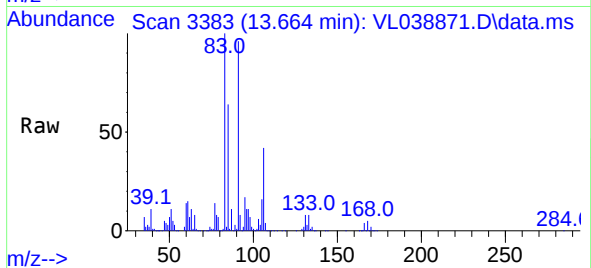
#63
1,1,2,2-Tetrachloroethane
Concen: 9.357 ppbv
RT: 13.664 min Scan# 31
Delta R.T. -0.003 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01

Tgt Ion: 83 Resp: 216364
Ion Ratio Lower Upper
83 100
131 8.9 4.6 13.8
85 65.0 33.0 99.0

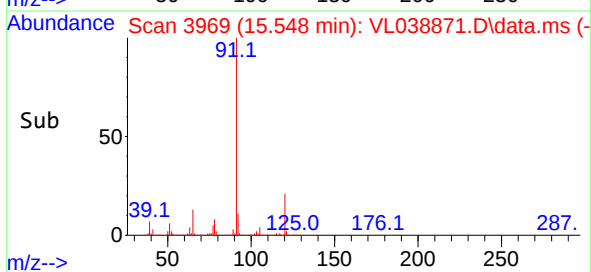
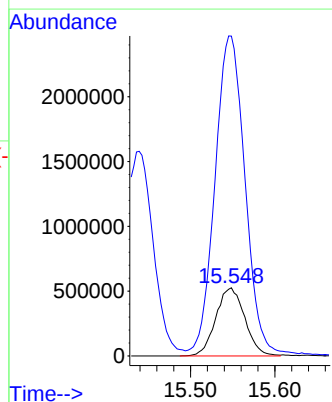
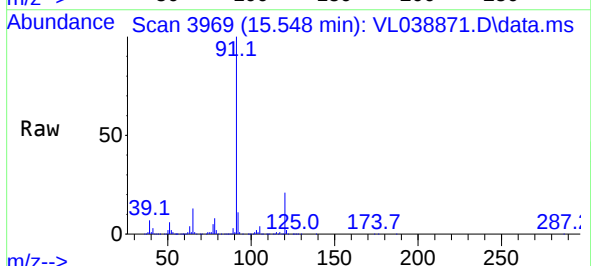
Manual Integrations
APPROVED

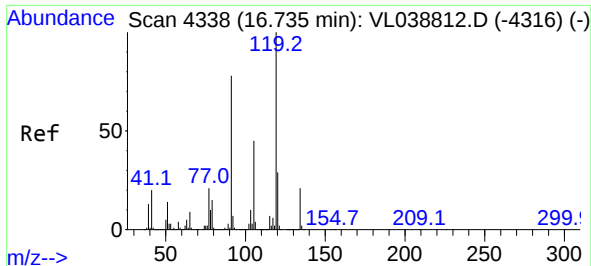
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022



#64
n-propylbenzene
Concen: 8.829 ppbv
RT: 15.548 min Scan# 3969
Delta R.T. -0.003 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

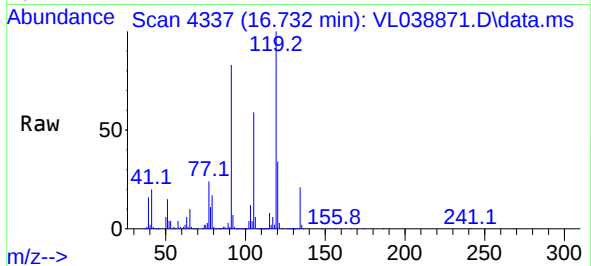
Tgt Ion:120 Resp: 1256331
Ion Ratio Lower Upper
120 100
91 491.5 360.6 540.8





#65
tert-Butylbenzene
Concen: 8.550 ppbv
RT: 16.732 min Scan# 411
Delta R.T. -0.003 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

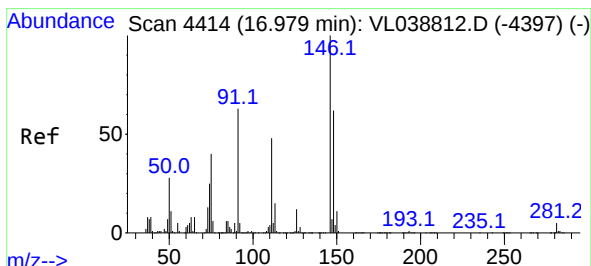
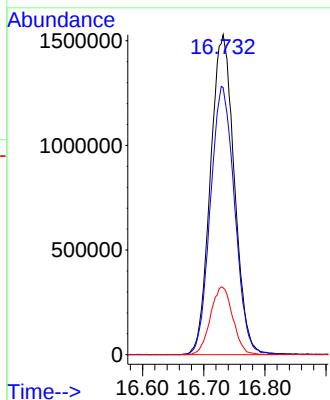
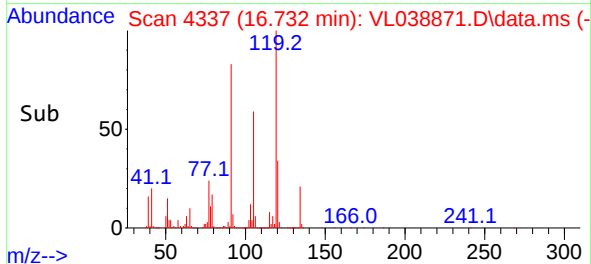
Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01



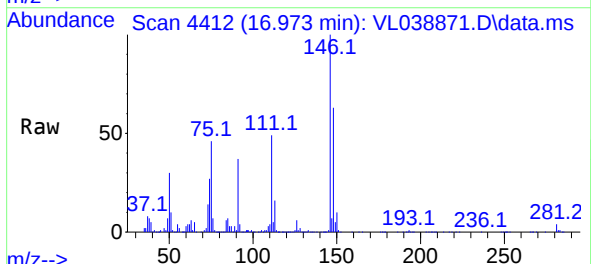
Tgt Ion: 119 Resp: 4157110
Ion Ratio Lower Upper
119 100
91 84.9 62.8 94.2
134 19.8 16.2 24.4

Manual Integrations
APPROVED

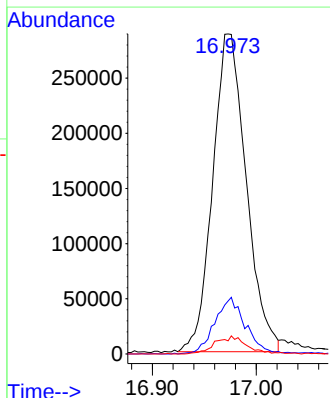
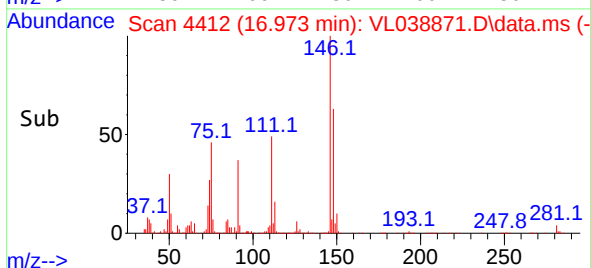
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

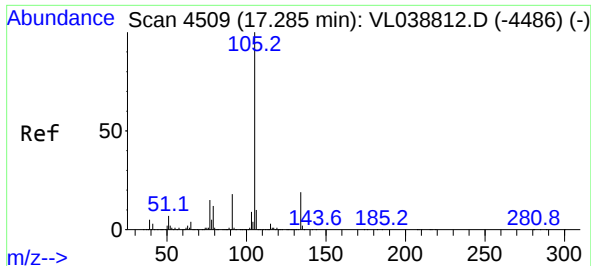


#66
Benzyl Chloride
Concen: 6.517 ppbv
RT: 16.973 min Scan# 4412
Delta R.T. -0.006 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07



Tgt Ion: 91 Resp: 645046
Ion Ratio Lower Upper
91 100
126 16.5 15.4 23.0
128 5.4 4.7 7.1





#67
 sec-Butylbenzene
 Concen: 8.947 ppbv
 RT: 17.282 min Scan# 41
 Delta R.T. -0.003 min
 Lab File: VL038871.D
 Acq: 11 Apr 2022 15:07

Instrument :

MSVOA_L

ClientSampleId :

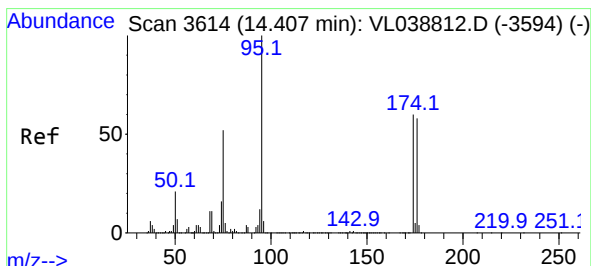
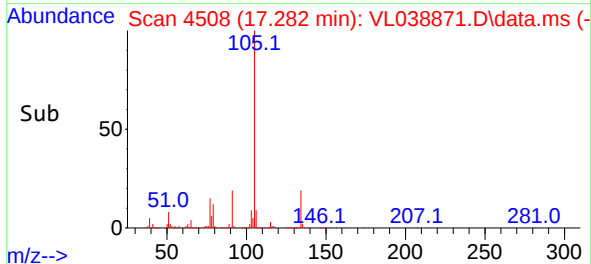
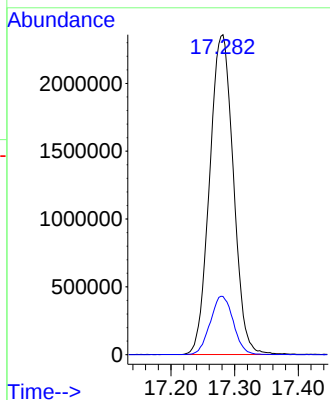
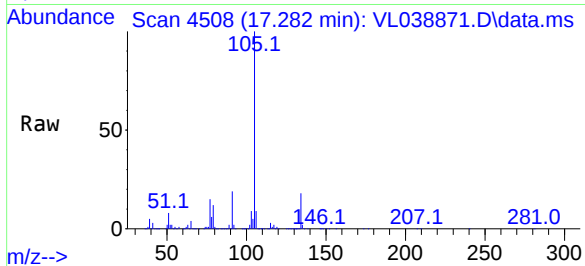
VL0411ABS01

Tgt Ion: 105 Resp: 610422
 Ion Ratio Lower Upper
 105 100
 134 17.9 15.1 22.7

Manual Integrations

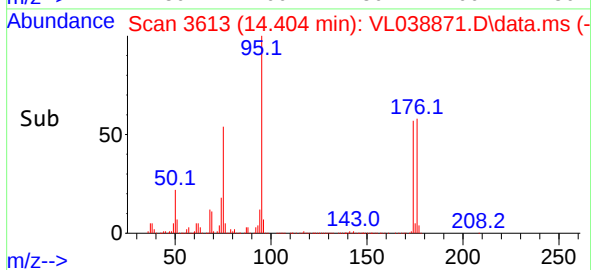
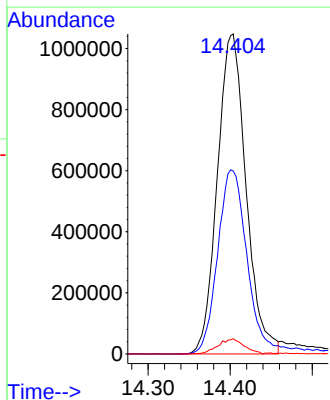
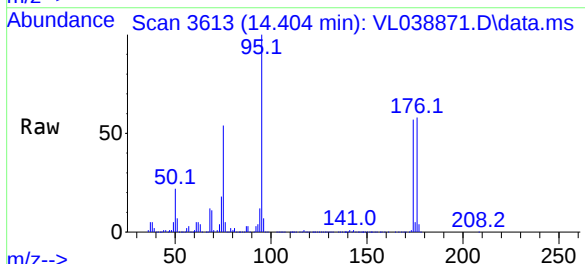
APPROVED

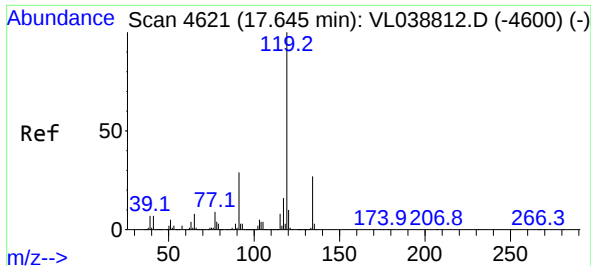
Reviewed By :Semsettin Yesilyurt 04/13/2022
 Supervised By :Mahesh Dadoda 04/14/2022



#68
 1-Bromo-4-Fluorobenzene
 Concen: 10.803 ppbv
 RT: 14.404 min Scan# 3613
 Delta R.T. -0.003 min
 Lab File: VL038871.D
 Acq: 11 Apr 2022 15:07

Tgt Ion: 95 Resp: 2546901
 Ion Ratio Lower Upper
 95 100
 174 61.6 52.0 78.0
 175 4.4 4.0 6.0





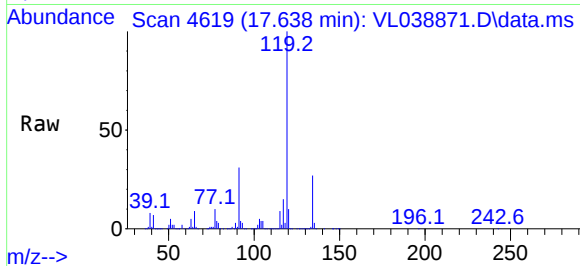
#69
 p-Isopropyltoluene
 Concen: 8.892 ppbv
 RT: 17.638 min Scan# 4619
 Delta R.T. -0.006 min
 Lab File: VL038871.D
 Acq: 11 Apr 2022 15:07

Instrument :

MSVOA_L

ClientSampleId :

VL0411ABS01

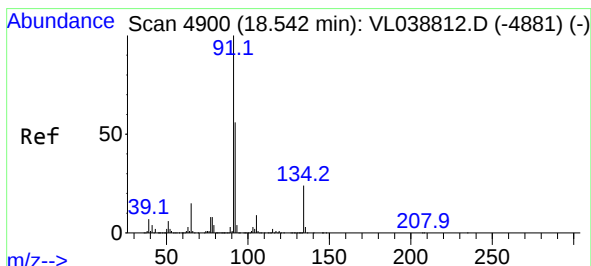
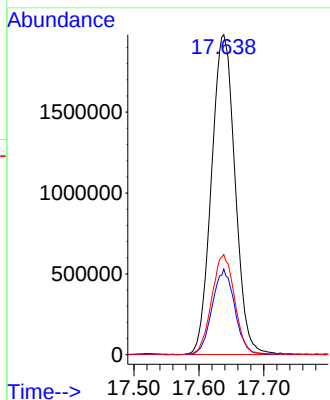
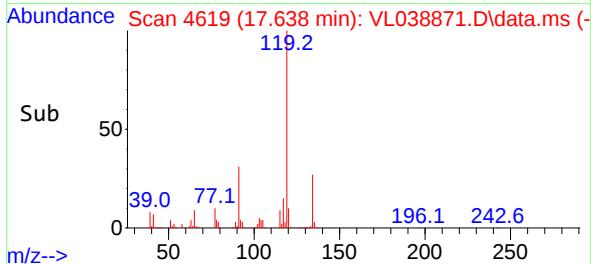


Tgt Ion:119 Resp: 4981340
 Ion Ratio Lower Upper
 119 100
 134 25.6 20.8 31.2
 91 30.5 22.6 34.0

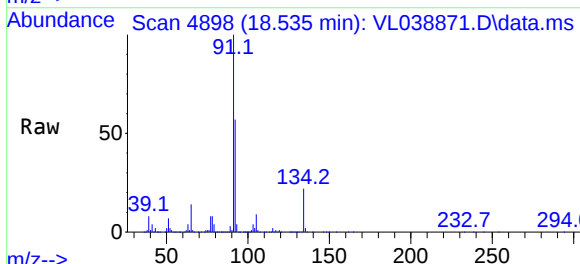
Manual Integrations

APPROVED

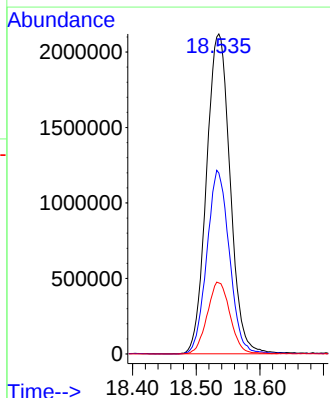
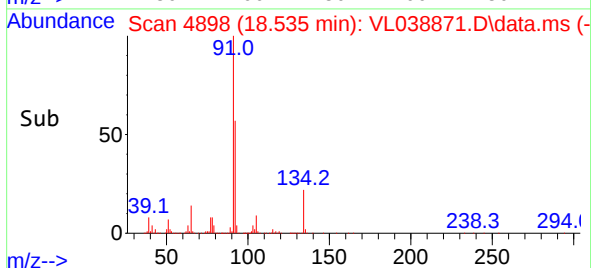
Reviewed By :Semsettin Yesilyurt 04/13/2022
 Supervised By :Mahesh Dadoda 04/14/2022

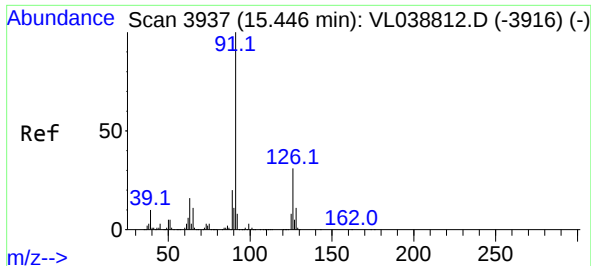


#70
 n-Butylbenzene
 Concen: 9.705 ppbv
 RT: 18.535 min Scan# 4898
 Delta R.T. -0.006 min
 Lab File: VL038871.D
 Acq: 11 Apr 2022 15:07



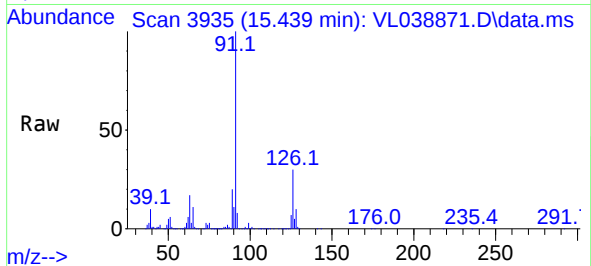
Tgt Ion: 91 Resp: 5476911
 Ion Ratio Lower Upper
 91 100
 92 55.1 44.6 66.8
 134 21.9 19.2 28.8





#71
2-Chlorotoluene
Concen: 9.303 ppbv
RT: 15.439 min Scan# 3937
Delta R.T. -0.006 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

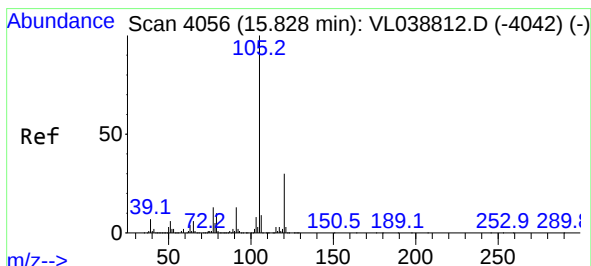
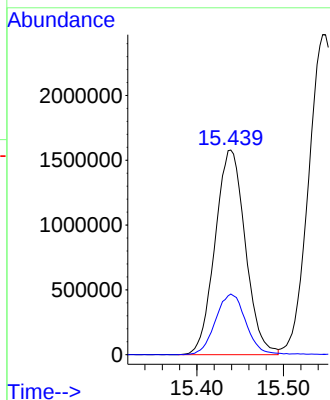
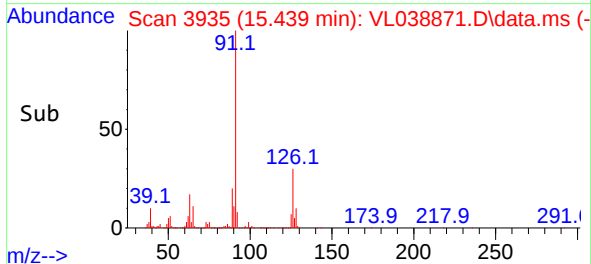
Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01



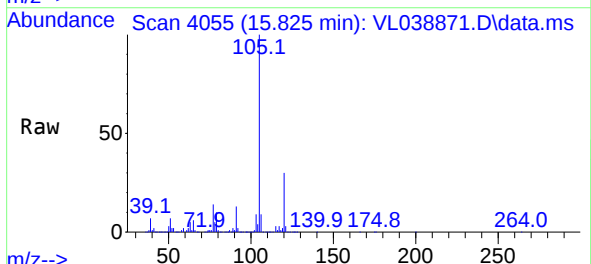
Tgt Ion: 91 Resp: 3833640
Ion Ratio Lower Upper
91 100
126 30.2 13.0 51.8

Manual Integrations
APPROVED

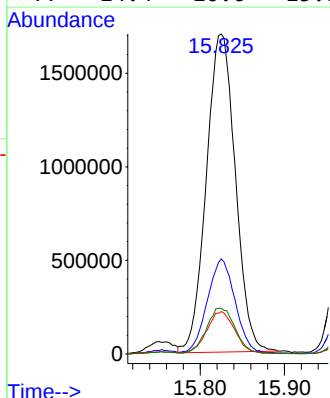
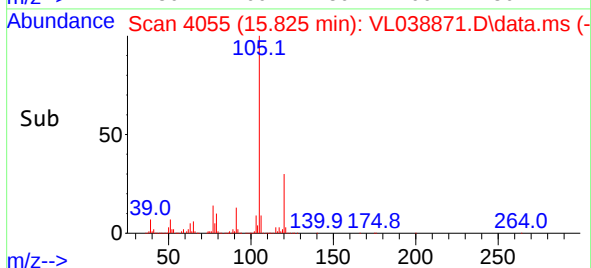
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

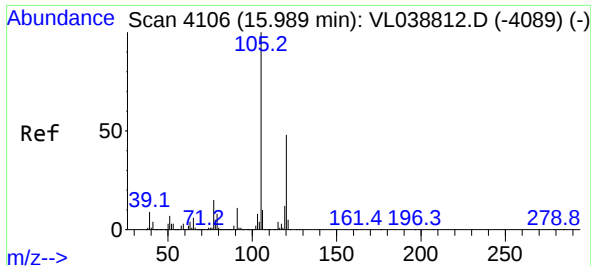


#72
4-Ethyltoluene
Concen: 9.328 ppbv
RT: 15.825 min Scan# 4055
Delta R.T. -0.003 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07



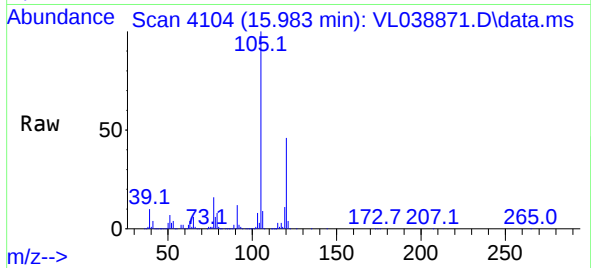
Tgt Ion:105 Resp: 4066887
Ion Ratio Lower Upper
105 100
120 29.1 24.3 36.5
91 12.8 9.4 14.2
77 14.4 10.6 15.8





#73
1,3,5-Trimethylbenzene
Concen: 9.271 ppbv
RT: 15.983 min Scan# 4106
Delta R.T. -0.006 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

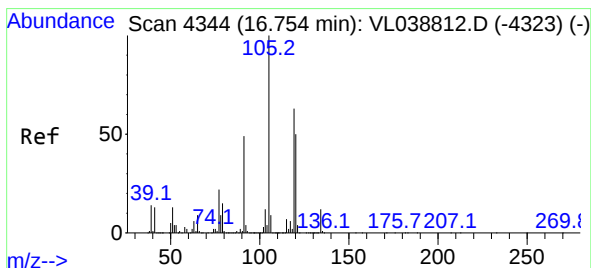
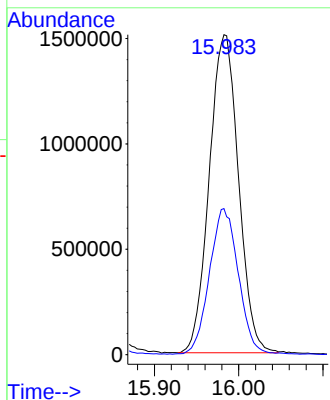
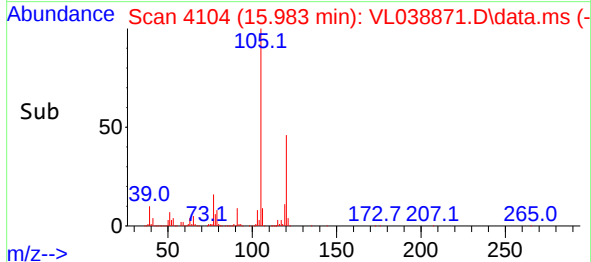
Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01



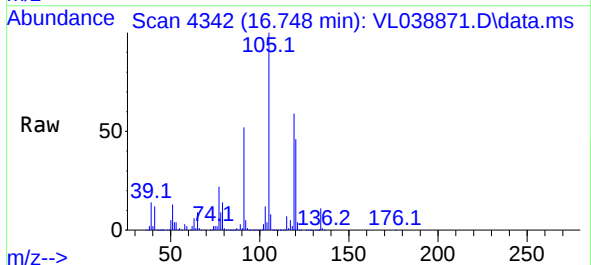
Tgt Ion:105 Resp: 3630840
Ion Ratio Lower Upper
105 100
120 45.6 38.7 58.1

Manual Integrations
APPROVED

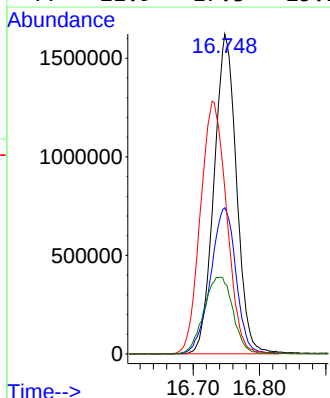
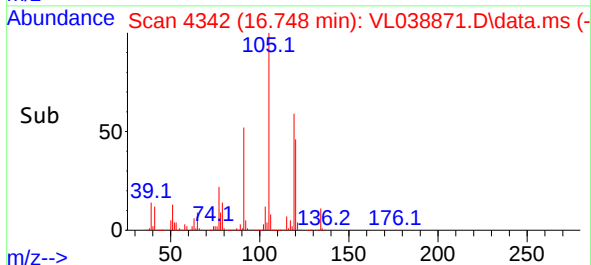
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

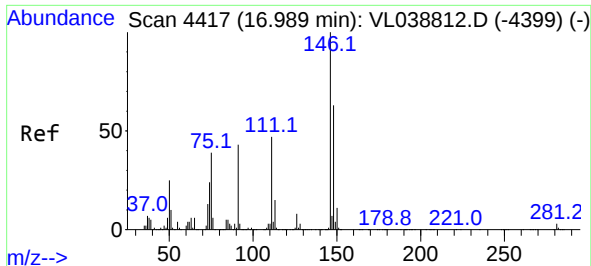


#74
1,2,4-Trimethylbenzene
Concen: 9.228 ppbv
RT: 16.748 min Scan# 4342
Delta R.T. -0.006 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07



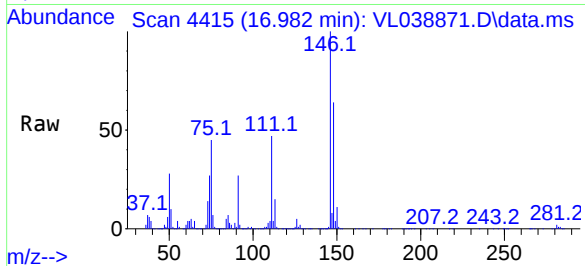
Tgt Ion:105 Resp: 3820293
Ion Ratio Lower Upper
105 100
120 45.7 39.8 59.8
91 51.5 39.4 59.0
77 21.9 17.3 25.9





#75
1,3-Dichlorobenzene
Concen: 9.002 ppbv
RT: 16.982 min Scan# 4415
Delta R.T. -0.006 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

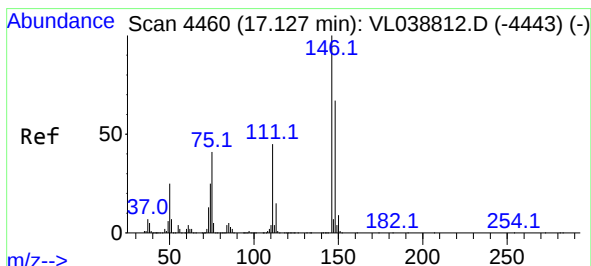
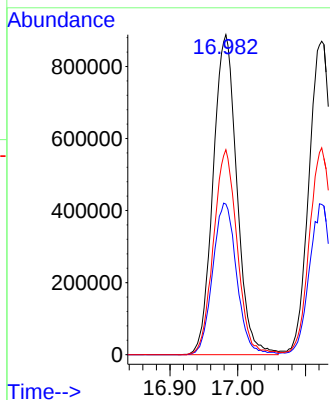
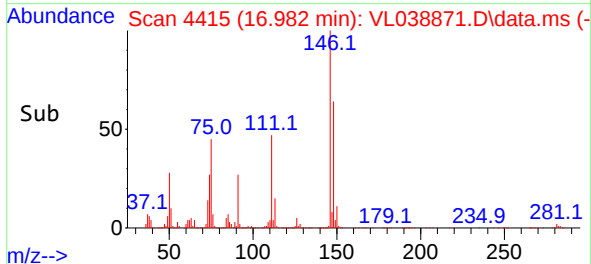
Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01



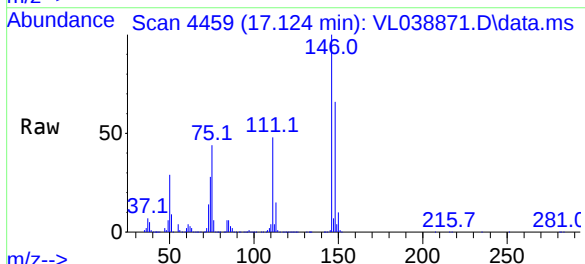
Tgt Ion:146 Resp: 2164000
Ion Ratio Lower Upper
146 100
111 47.8 23.8 71.2
148 63.7 31.8 95.4

Manual Integrations
APPROVED

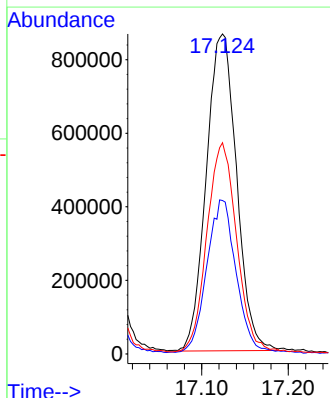
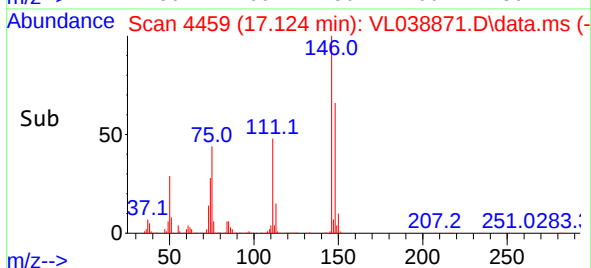
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

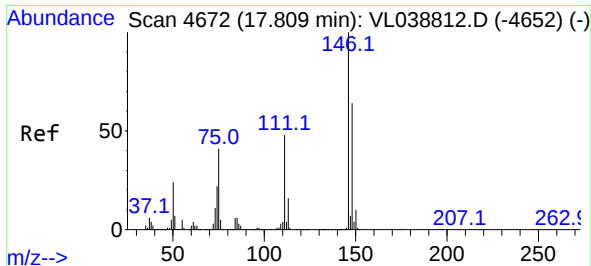


#76
1,4-Dichlorobenzene
Concen: 8.851 ppbv
RT: 17.124 min Scan# 4459
Delta R.T. -0.003 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07



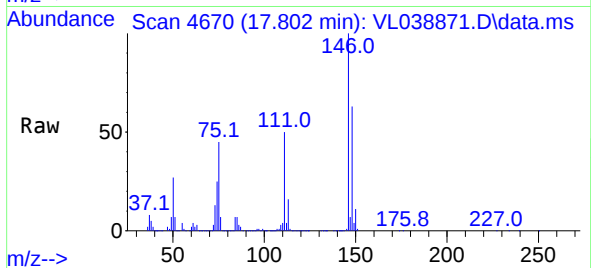
Tgt Ion:146 Resp: 2095804
Ion Ratio Lower Upper
146 100
111 47.4 23.6 70.8
148 67.2 33.6 100.6





#77
1,2-Dichlorobenzene
Concen: 8.846 ppbv
RT: 17.802 min Scan# 41
Delta R.T. -0.006 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

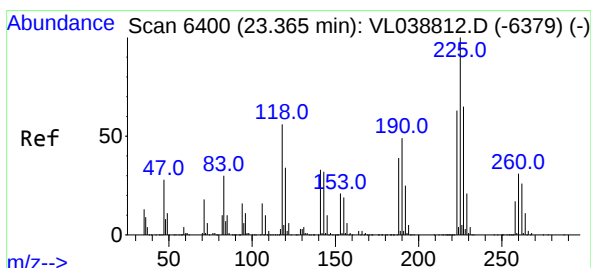
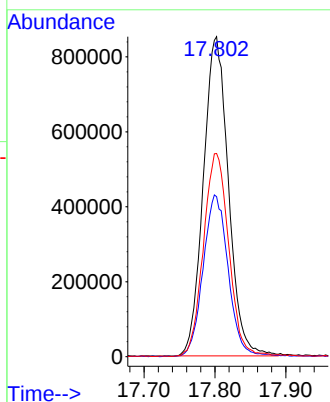
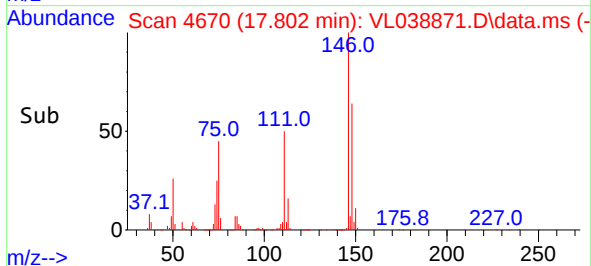
Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01



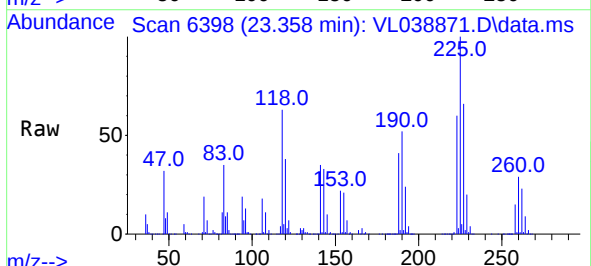
Tgt Ion:146 Resp: 209620
Ion Ratio Lower Upper
146 100
111 50.7 24.8 74.3
148 64.6 31.9 95.7

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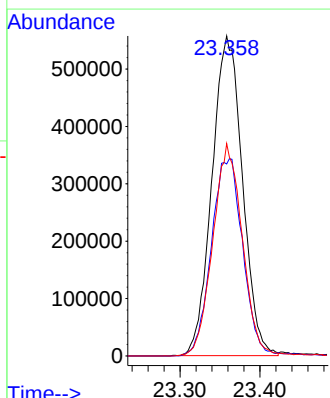
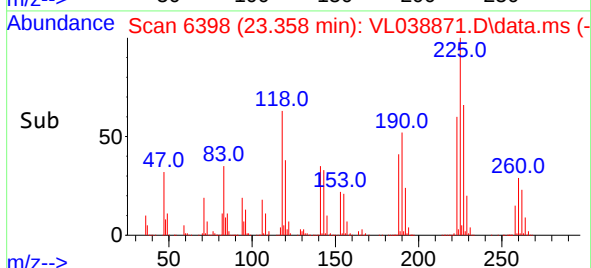
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

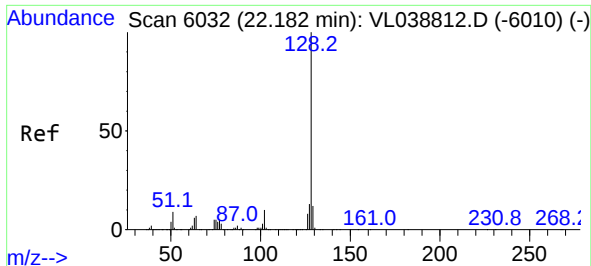


#78
Hexachloro-1,3-Butadiene
Concen: 7.865 ppbv
RT: 23.358 min Scan# 6398
Delta R.T. -0.006 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07



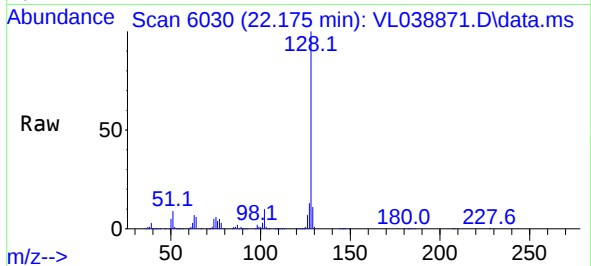
Tgt Ion:225 Resp: 1472590
Ion Ratio Lower Upper
225 100
223 64.3 51.6 77.4
227 64.7 52.3 78.5





#79
Naphthalene
Concen: 9.812 ppbv
RT: 22.175 min Scan# 6032
Delta R.T. -0.006 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07

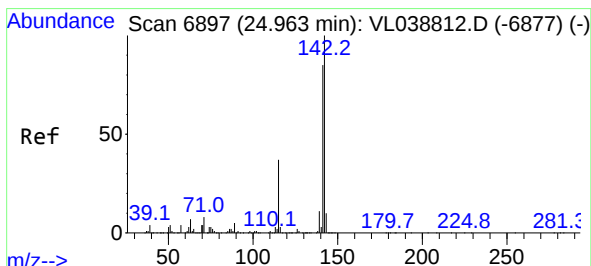
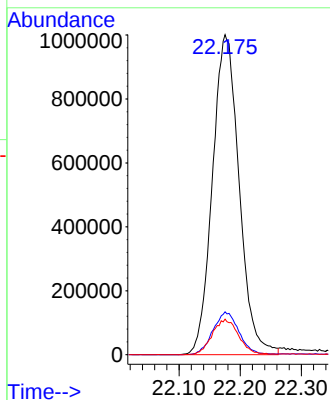
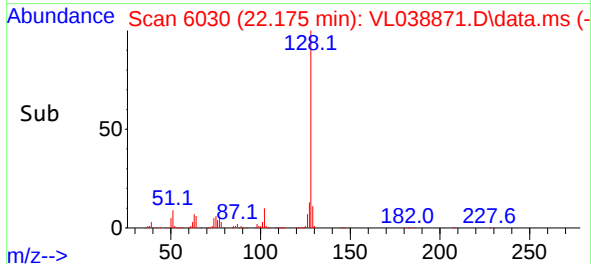
Instrument :
MSVOA_L
ClientSampleId :
VL0411ABS01



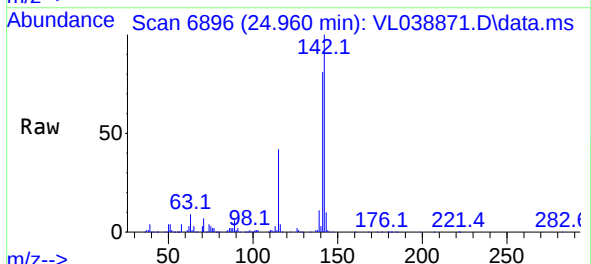
Tgt Ion:128 Resp: 303884
Ion Ratio Lower Upper
128 100
127 13.4 10.6 15.8
129 11.1 9.4 14.0

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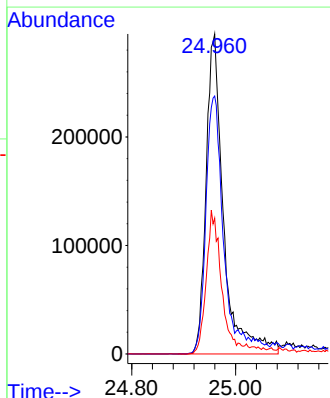
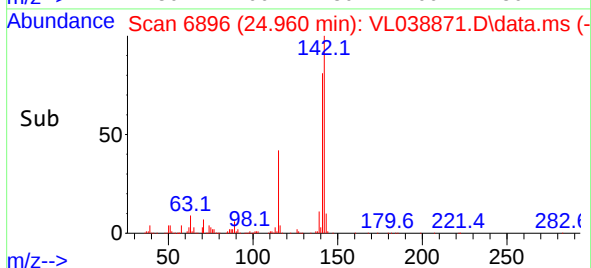
Reviewed By :Semsettin Yesilyurt 04/13/2022
Supervised By :Mahesh Dadoda 04/14/2022

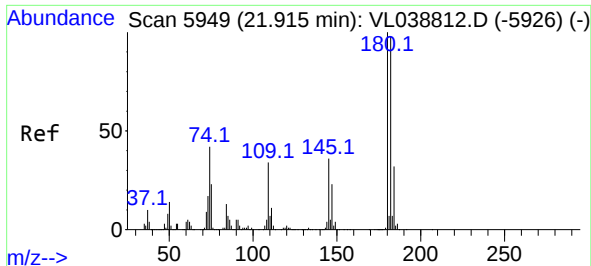


#80
Naphthalene,2-methyl-
Concen: 9.032 ppbv
RT: 24.960 min Scan# 6896
Delta R.T. -0.003 min
Lab File: VL038871.D
Acq: 11 Apr 2022 15:07



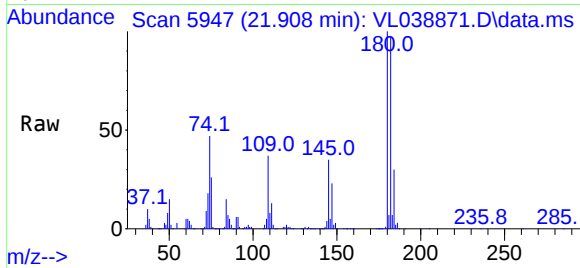
Tgt Ion:142 Resp: 689301
Ion Ratio Lower Upper
142 100
141 82.9 68.8 103.2
115 43.8 31.6 47.4





#81
 1,2,4-Trichlorobenzene
 Concen: 9.153 ppbv
 RT: 21.908 min Scan# 5947
 Delta R.T. -0.006 min
 Lab File: VL038871.D
 Acq: 11 Apr 2022 15:07

Instrument : MSVOA_L
 ClientSampleId : VL0411ABS01



Tgt Ion:180 Resp: 165897

Ion	Ratio	Lower	Upper
180	100		
182	98.8	79.4	119.0
184	31.2	25.0	37.6

Manual Integrations
 APPROVED

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

