

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012723\
 Data File : VN076438.D
 Acq On : 27 Jan 2023 14:35
 Operator : JC\MD
 Sample : VN0127WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/30/2023
 Supervised By : Semsettin Yesilyurt 01/30/2023

Quant Time: Jan 27 22:37:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	381874	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	613780	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	522002	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	245587	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	261741	61.215	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 122.420%			
35) Dibromofluoromethane	8.177	113	220216	57.356	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 114.720%			
50) Toluene-d8	10.571	98	737163	51.988	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.980%			
62) 4-Bromofluorobenzene	12.853	95	259342	56.026	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 112.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	67227	17.179	ug/l	99
3) Chloromethane	2.377	50	82491	20.360	ug/l	95
4) Vinyl Chloride	2.530	62	115609	23.270	ug/l	98
5) Bromomethane	2.965	94	82934	20.384	ug/l	89
6) Chloroethane	3.130	64	75663	20.310	ug/l	98
7) Trichlorofluoromethane	3.512	101	159446	23.328	ug/l	96
8) Diethyl Ether	3.983	74	54945	23.967	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.383	101	86292	22.302	ug/l	96
10) Methyl Iodide	4.606	142	125205	21.184	ug/l	96
11) Tert butyl alcohol	5.536	59	64040	111.975	ug/l	97
12) 1,1-Dichloroethene	4.353	96	79667	21.781	ug/l	89
13) Acrolein	4.194	56	79179	115.766	ug/l	99
14) Allyl chloride	5.036	41	103076	24.182	ug/l	94
15) Acrylonitrile	5.736	53	195233	119.960	ug/l	99
16) Acetone	4.442	43	172277	125.650	ug/l	97
17) Carbon Disulfide	4.730	76	175310	19.249	ug/l	96
18) Methyl Acetate	5.042	43	111417	23.985	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	280892	23.589	ug/l	100
20) Methylene Chloride	5.289	84	94857	23.063	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	82637	20.855	ug/l	94
22) Diisopropyl ether	6.683	45	240936	23.969	ug/l	99
23) Vinyl Acetate	6.618	43	736151	113.315	ug/l	97
24) 1,1-Dichloroethane	6.577	63	151747	22.648	ug/l	100
25) 2-Butanone	7.494	43	227394	108.622	ug/l	95
26) 2,2-Dichloropropane	7.500	77	118923	21.059	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	95043	20.565	ug/l	96
28) Bromochloromethane	7.824	49	64692	23.821	ug/l	95
29) Tetrahydrofuran	7.847	42	140186	108.499	ug/l	94
30) Chloroform	7.971	83	160014	21.583	ug/l	97
31) Cyclohexane	8.265	56	117094	17.827	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	141018	20.833	ug/l	97
36) 1,1-Dichloropropene	8.377	75	106999	19.612	ug/l	99
37) Ethyl Acetate	7.565	43	94728	21.668	ug/l	98
38) Carbon Tetrachloride	8.365	117	124214	20.416	ug/l	92
39) Methylcyclohexane	9.606	83	114045	17.118	ug/l	95
40) Benzene	8.612	78	329794	20.216	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	52305	22.828	ug/l	95
42) 1,2-Dichloroethane	8.677	62	123631	22.149	ug/l	97
43) Isopropyl Acetate	8.694	43	149789	21.041	ug/l	98
44) Trichloroethene	9.353	130	79288	17.184	ug/l	95
45) 1,2-Dichloropropane	9.624	63	74668	19.117	ug/l	99
46) Dibromomethane	9.712	93	56159	19.044	ug/l	97
47) Bromodichloromethane	9.894	83	110690	19.353	ug/l	95
48) Methyl methacrylate	9.682	41	64788	19.224	ug/l	96
49) 1,4-Dioxane	9.700	88	27535	387.198	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	417118	99.811	ug/l	99
52) Toluene	10.635	92	197674	18.119	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	103333	18.952	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	117437	18.722	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	79295	19.016	ug/l	99
56) Ethyl methacrylate	10.876	69	107693	20.004	ug/l	97
57) 1,3-Dichloropropane	11.165	76	130292	19.227	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	132992	73.175	ug/l	98
59) 2-Hexanone	11.200	43	297118	98.111	ug/l	99
60) Dibromochloromethane	11.359	129	88306	20.117	ug/l	97
61) 1,2-Dibromoethane	11.470	107	78305	18.813	ug/l	99
64) Tetrachloroethene	11.106	164	82018	17.423	ug/l	97
65) Chlorobenzene	11.894	112	212010	19.213	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	81384	19.823	ug/l	99
67) Ethyl Benzene	11.965	91	374443	19.827	ug/l	98
68) m/p-Xylenes	12.070	106	291983	38.557	ug/l	97
69) o-Xylene	12.400	106	144585	19.442	ug/l	96
70) Styrene	12.412	104	237394	19.992	ug/l	99
71) Bromoform	12.582	173	60378	20.364	ug/l #	100
73) Isopropylbenzene	12.700	105	380129	20.008	ug/l	99
74) N-amyl acetate	12.494	43	110838	20.282	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.941	83	112570	20.611	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	98800m	21.544	ug/l	
77) Bromobenzene	12.982	156	88169	19.507	ug/l	94
78) n-propylbenzene	13.035	91	425488	19.848	ug/l	100
79) 2-Chlorotoluene	13.129	91	261519	19.881	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	323540	20.328	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	27061	18.334	ug/l	91
82) 4-Chlorotoluene	13.129	91	261519	19.881	ug/l	99
83) tert-Butylbenzene	13.441	119	282679	19.969	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	322764	20.224	ug/l	100
85) sec-Butylbenzene	13.617	105	395299	20.124	ug/l	99
86) p-Isopropyltoluene	13.729	119	326521	20.215	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	162673	18.166	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	158960	18.724	ug/l	98
89) n-Butylbenzene	14.059	91	249560	19.463	ug/l	98
90) Hexachloroethane	14.335	117	53829	19.309	ug/l	97
91) 1,2-Dichlorobenzene	14.111	146	159295	17.861	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18053	19.016	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	68701	16.831	ug/l	96
94) Hexachlorobutadiene	15.506	225	38657	16.333	ug/l	93
95) Naphthalene	15.647	128	187649	16.004	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	66734	17.024	ug/l	97

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ClientSampleId :
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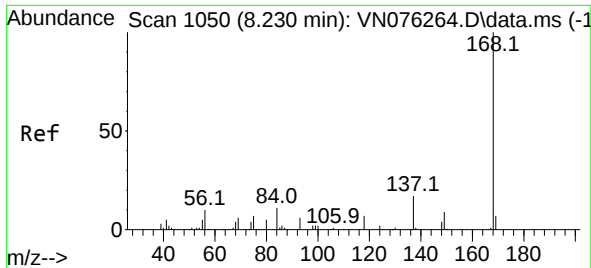
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

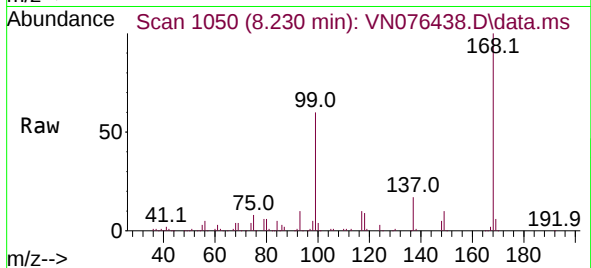
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.000 min
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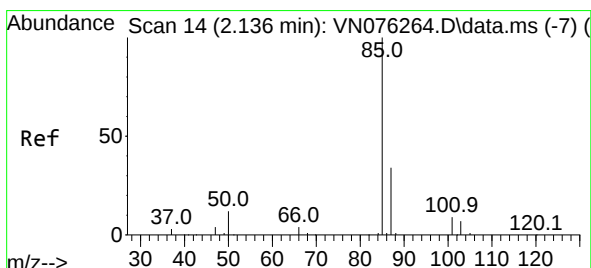
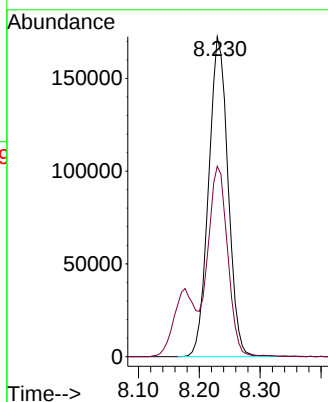
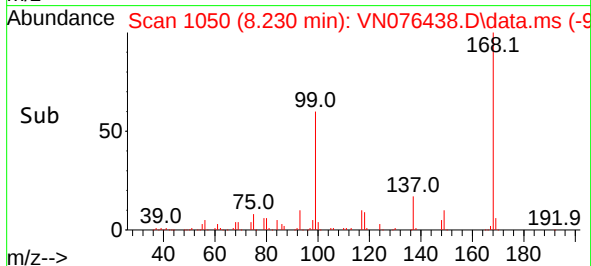
Instrument :
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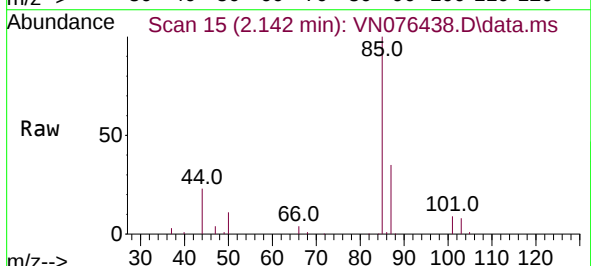
Tgt Ion:168 Resp: 381874
Ion Ratio Lower Upper
168 100
99 59.3 41.6 62.4

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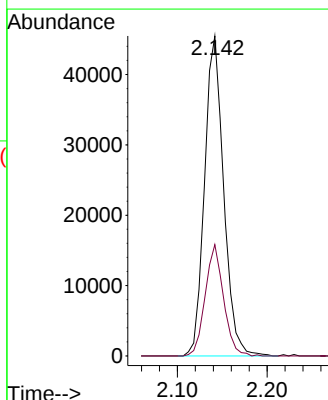
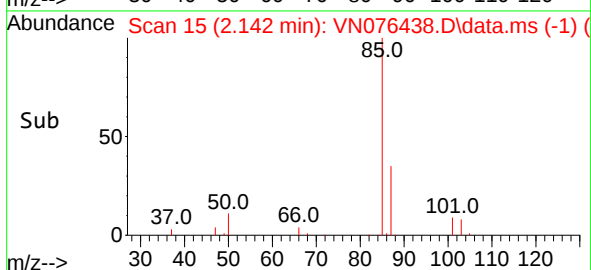
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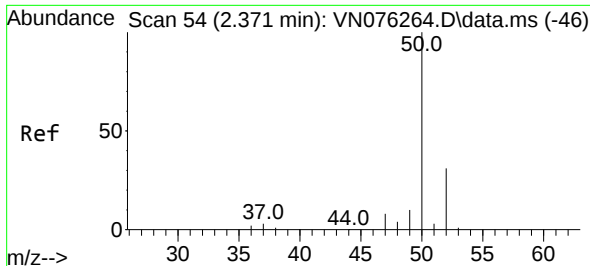


#2
Dichlorodifluoromethane
Concen: 17.179 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35



Tgt Ion: 85 Resp: 67227
Ion Ratio Lower Upper
85 100
87 34.8 17.1 51.2





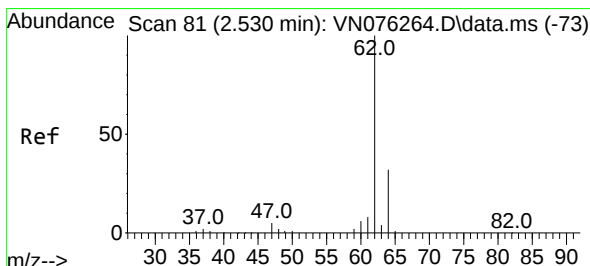
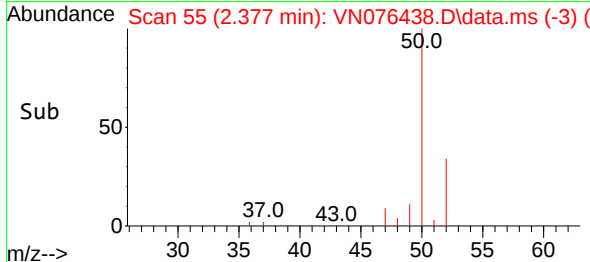
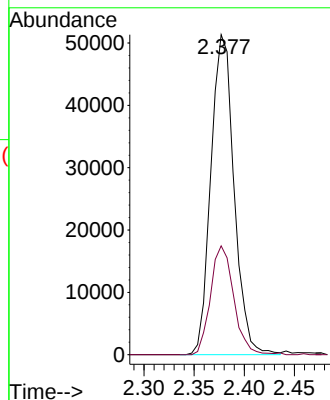
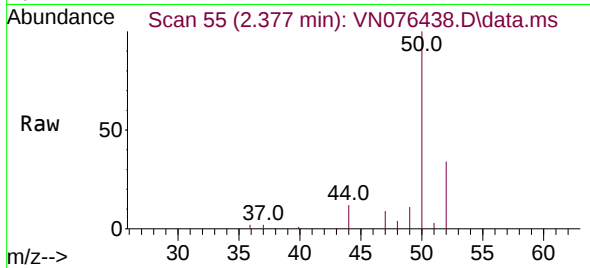
#3
Chloromethane
Concen: 20.360 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

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Tgt Ion: 50 Resp: 8249
Ion Ratio Lower Upper
50 100
52 34.0 24.8 37.2

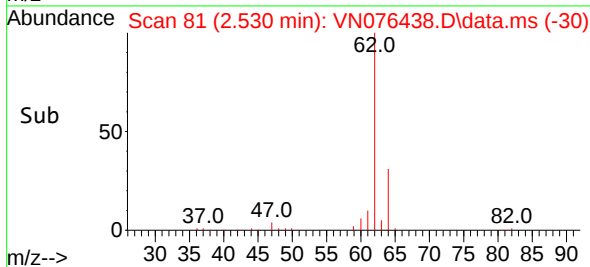
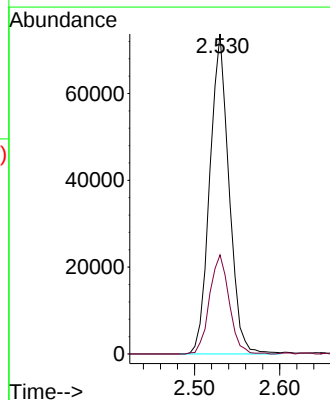
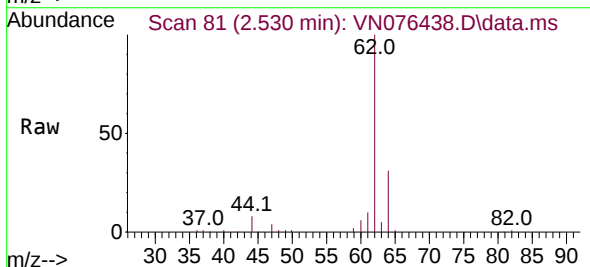
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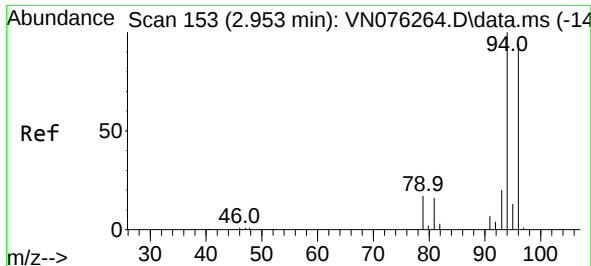
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#4
Vinyl Chloride
Concen: 23.270 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

Tgt Ion: 62 Resp: 115609
Ion Ratio Lower Upper
62 100
64 30.9 25.8 38.6





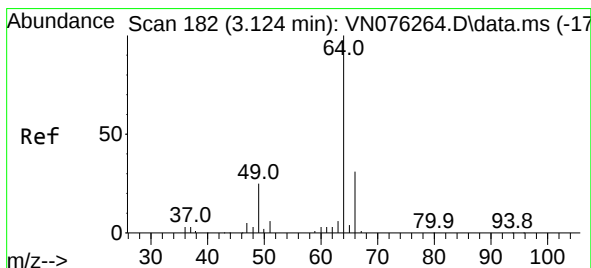
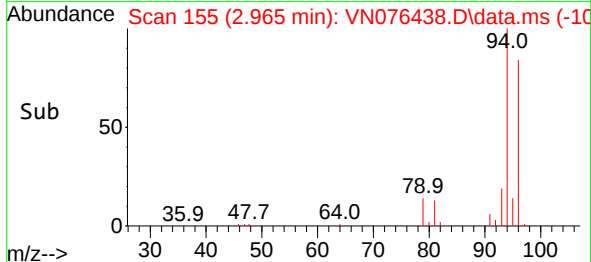
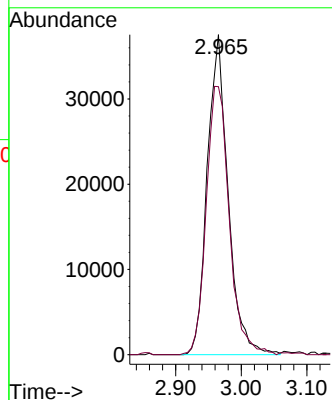
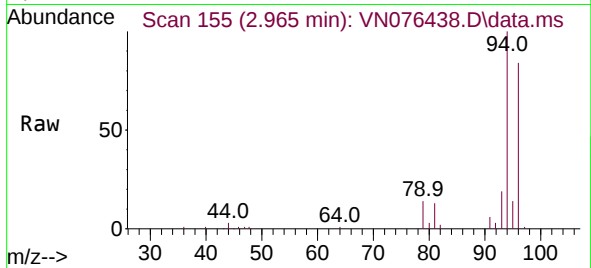
#5
Bromomethane
Concen: 20.384 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

Instrument :
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Tgt Ion: 94 Resp: 82934
Ion Ratio Lower Upper
94 100
96 83.8 75.1 112.7

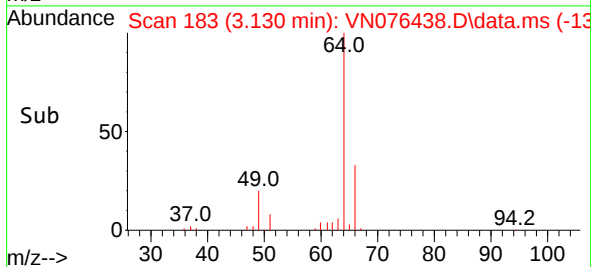
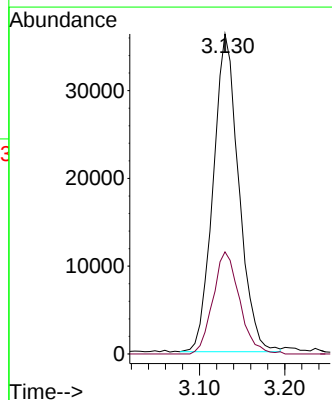
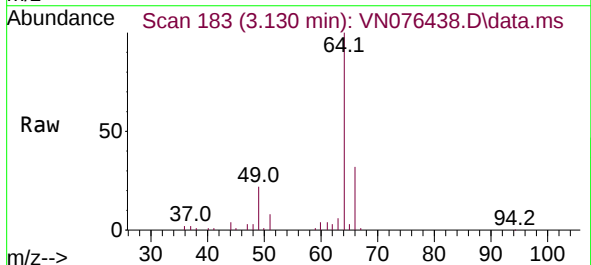
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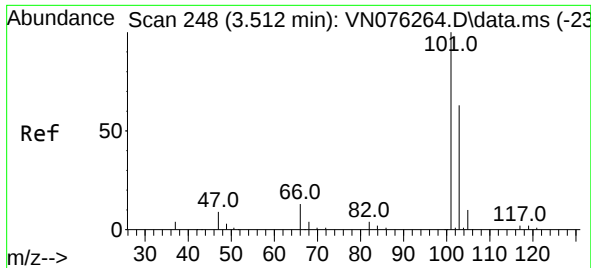
Reviewed By :John Carlone 01/30/2023
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#6
Chloroethane
Concen: 20.310 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN076438.D
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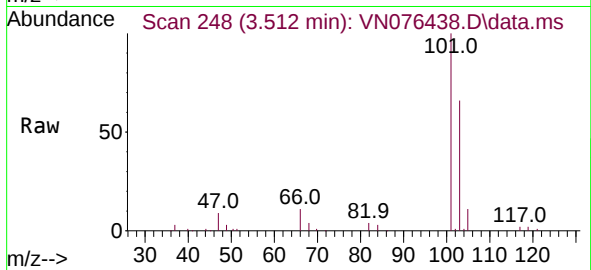
Tgt Ion: 64 Resp: 75663
Ion Ratio Lower Upper
64 100
66 32.1 24.8 37.2





#7
 Trichlorofluoromethane
 Concen: 23.328 ug/l
 RT: 3.512 min Scan# 248
 Delta R.T. 0.000 min
 Lab File: VN076438.D
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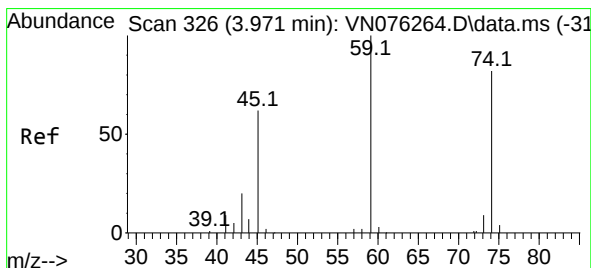
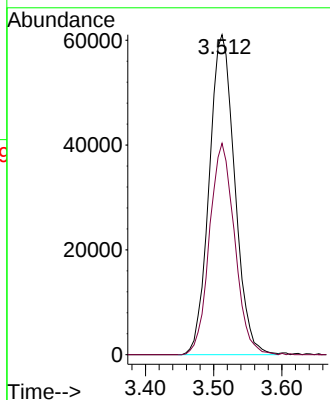
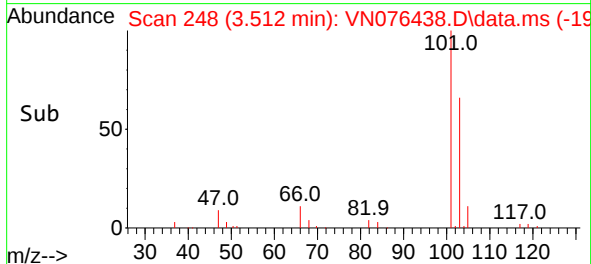
Instrument :
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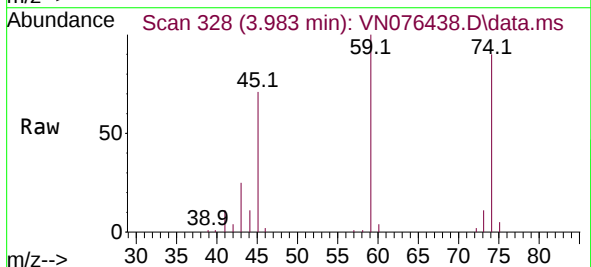
Tgt Ion:101 Resp: 159440
 Ion Ratio Lower Upper
 101 100
 103 66.1 50.2 75.4

Manual Integrations
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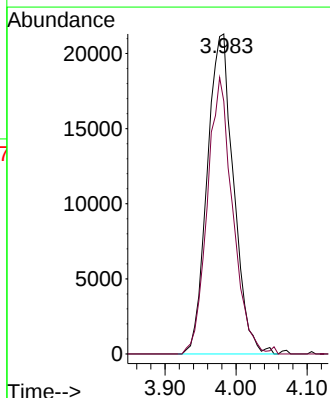
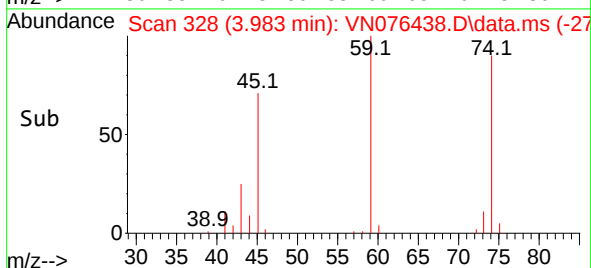
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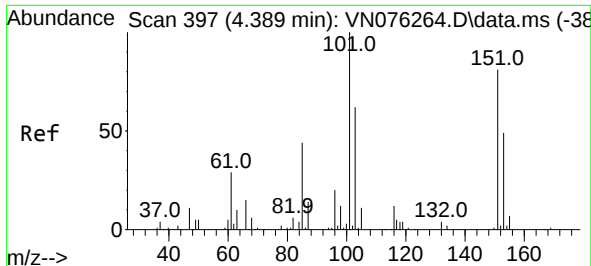


#8
 Diethyl Ether
 Concen: 23.967 ug/l
 RT: 3.983 min Scan# 328
 Delta R.T. 0.012 min
 Lab File: VN076438.D
 Acq: 27 Jan 2023 14:35



Tgt Ion: 74 Resp: 54945
 Ion Ratio Lower Upper
 74 100
 45 83.0 37.8 113.3





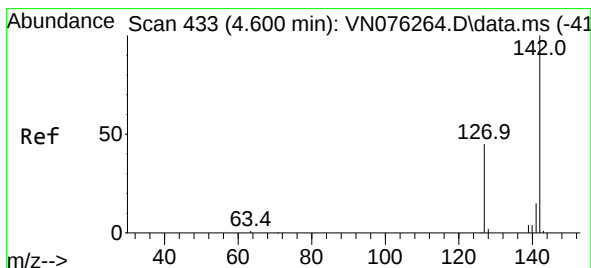
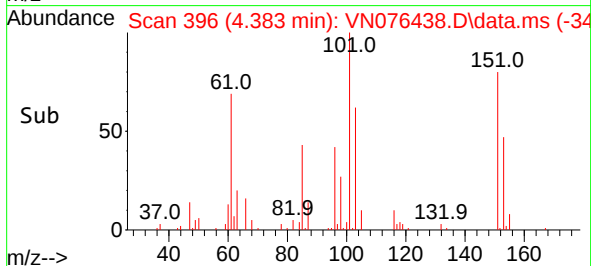
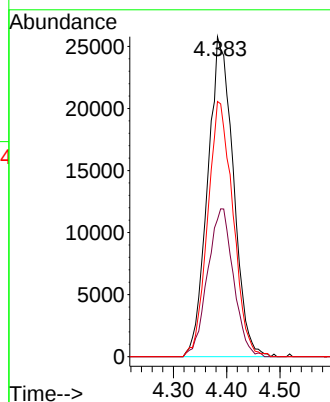
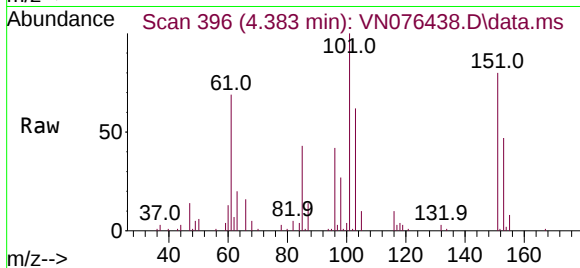
#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.302 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.006 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD02

Tgt Ion:101 Resp: 8629
Ion Ratio Lower Upper
101 100
85 46.6 35.5 53.3
151 78.6 65.5 98.3

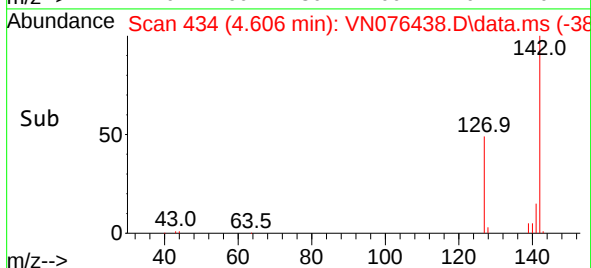
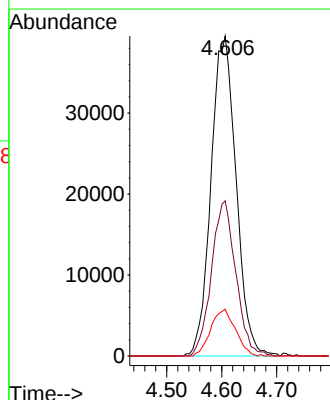
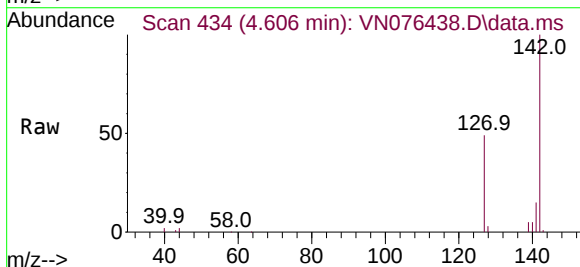
Manual Integrations
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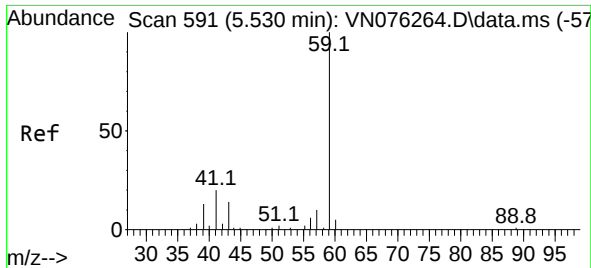
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#10
Methyl Iodide
Concen: 21.184 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

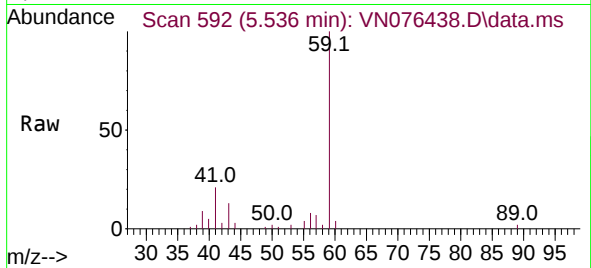
Tgt Ion:142 Resp: 125205
Ion Ratio Lower Upper
142 100
127 47.1 35.0 52.4
141 14.4 11.5 17.3





#11
Tert butyl alcohol
Concen: 111.975 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

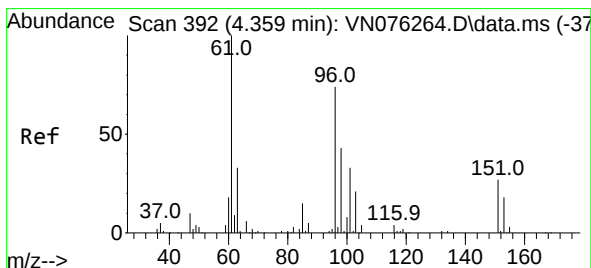
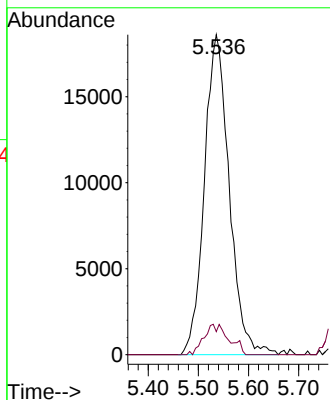
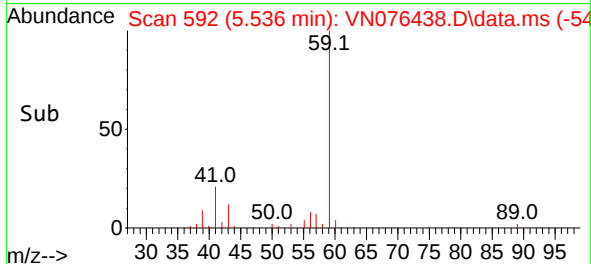
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD02



Tgt Ion: 59 Resp: 64040
Ion Ratio Lower Upper
59 100
57 9.5 8.5 12.7

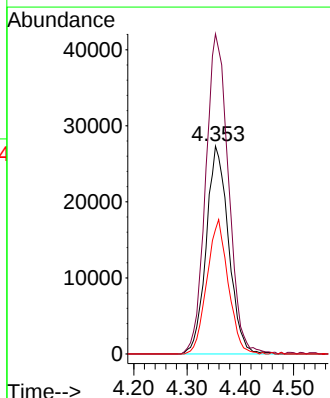
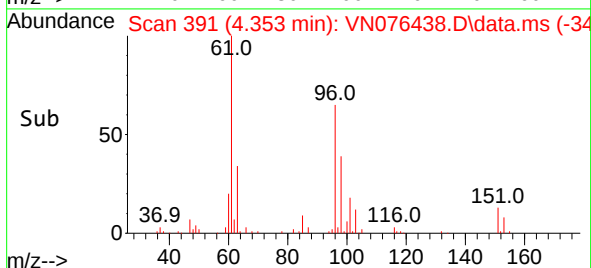
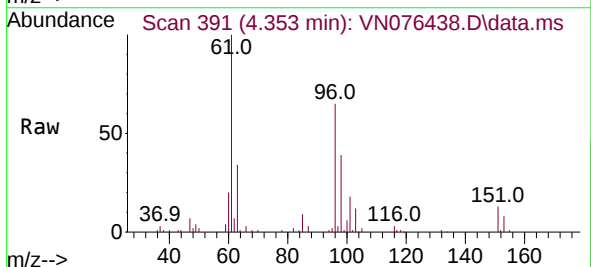
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#12
1,1-Dichloroethene
Concen: 21.781 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.006 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

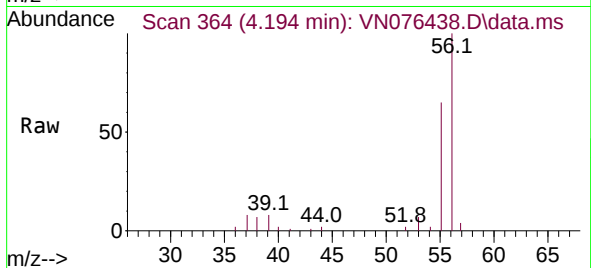
Tgt Ion: 96 Resp: 79667
Ion Ratio Lower Upper
96 100
61 153.9 108.2 162.4
98 59.9 47.0 70.6





#13
Acrolein
Concen: 115.766 ug/l
RT: 4.194 min Scan# 30
Delta R.T. 0.005 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

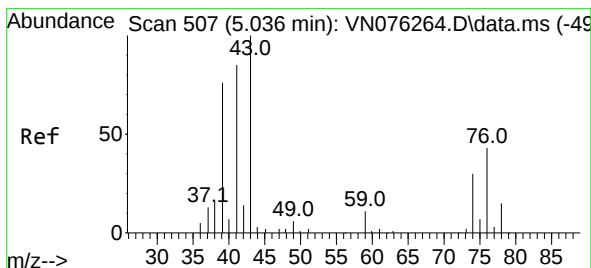
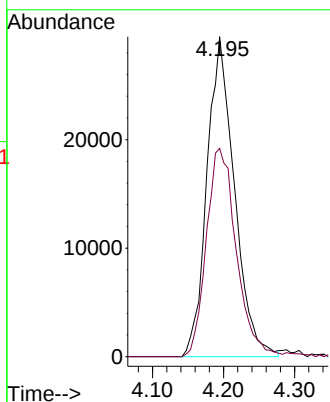
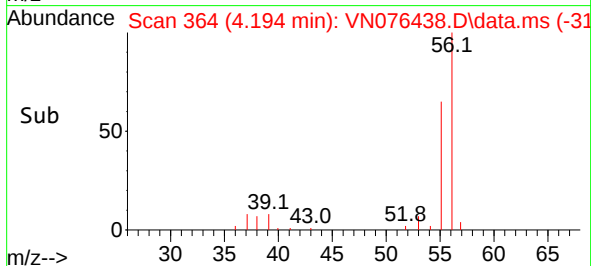
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD02



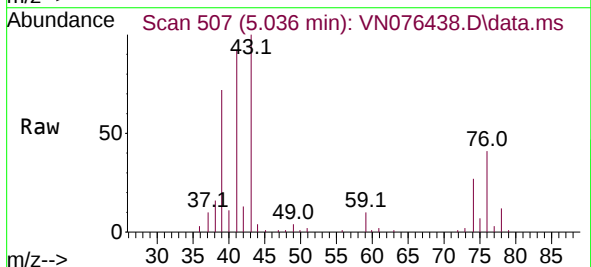
Tgt Ion: 56 Resp: 79179
Ion Ratio Lower Upper
56 100
55 70.7 55.8 83.6

Manual Integrations
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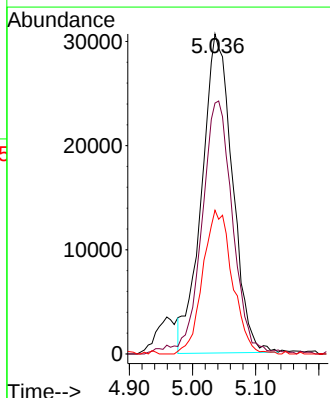
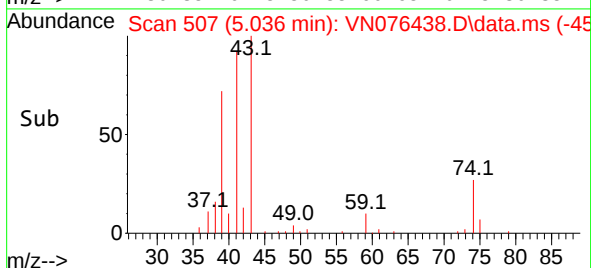
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023

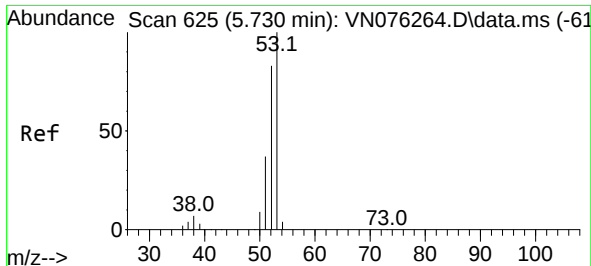


#14
Allyl chloride
Concen: 24.182 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35



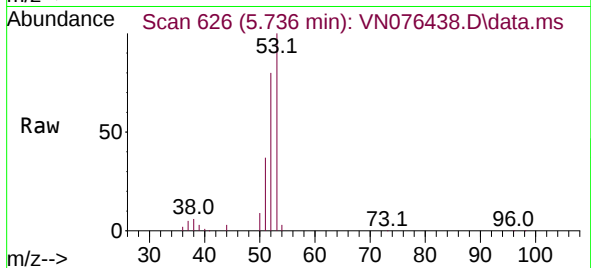
Tgt Ion: 41 Resp: 103076
Ion Ratio Lower Upper
41 100
39 79.8 67.4 101.0
76 43.7 39.8 59.8





#15
Acrylonitrile
Concen: 119.960 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

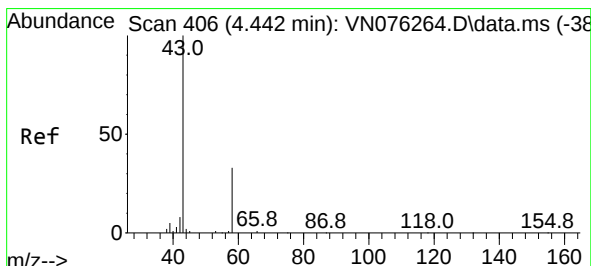
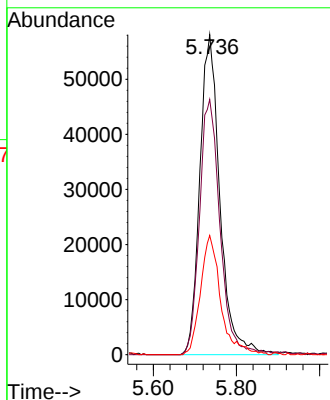
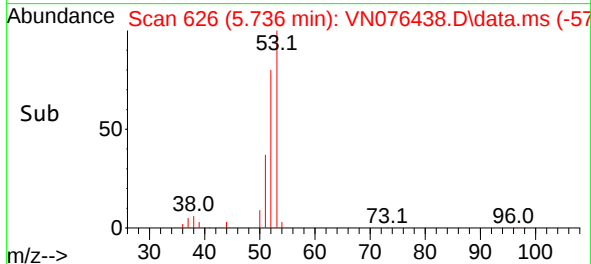
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD02



Tgt Ion: 53 Resp: 19523
Ion Ratio Lower Upper
53 100
52 81.2 64.7 97.1
51 37.3 29.2 43.8

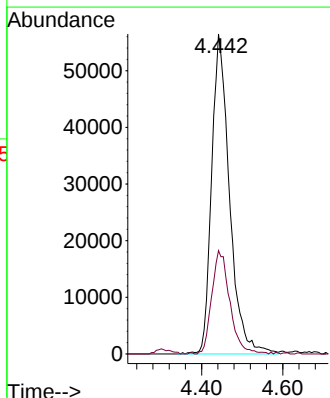
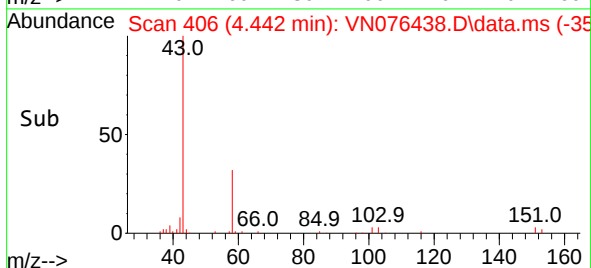
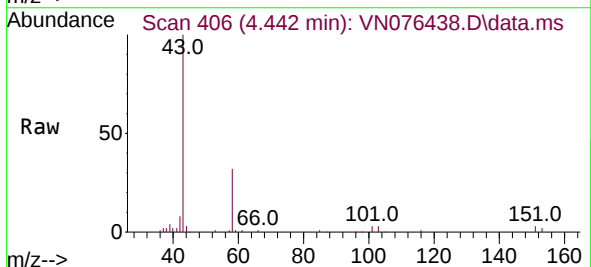
Manual Integrations
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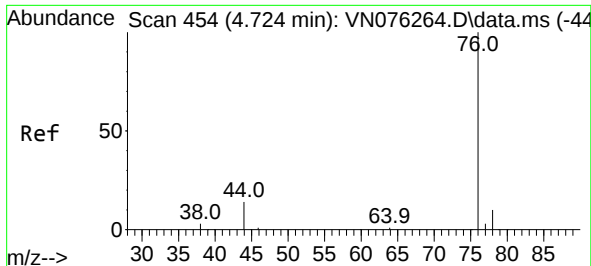
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#16
Acetone
Concen: 125.650 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

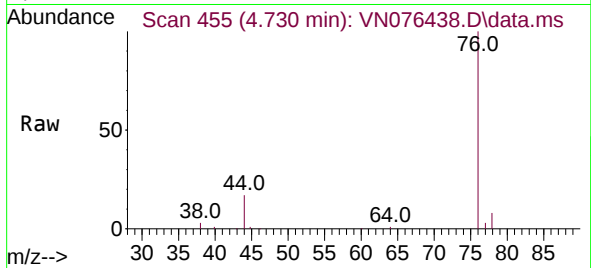
Tgt Ion: 43 Resp: 172277
Ion Ratio Lower Upper
43 100
58 32.0 26.7 40.1





#17
Carbon Disulfide
Concen: 19.249 ug/l
RT: 4.730 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

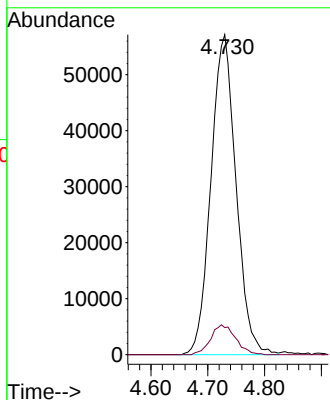
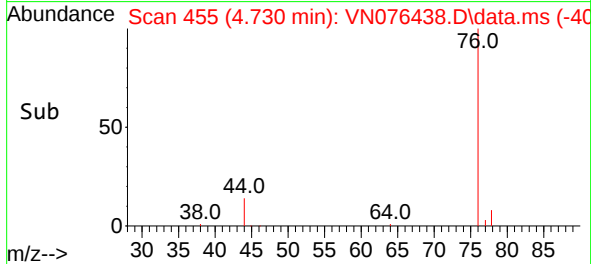
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD02



Tgt Ion: 76 Resp: 175310
Ion Ratio Lower Upper
76 100
78 8.4 8.0 12.0

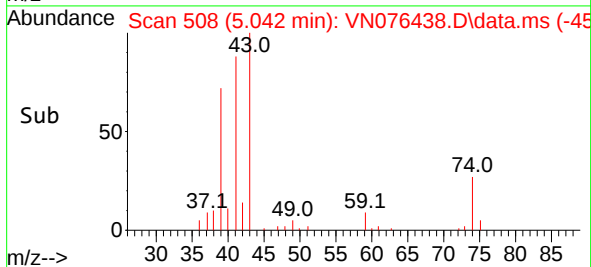
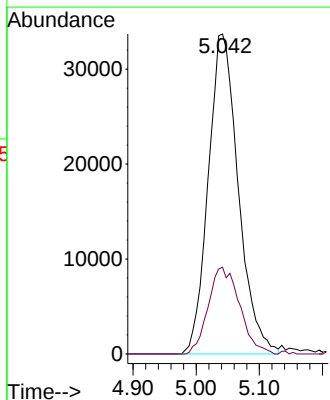
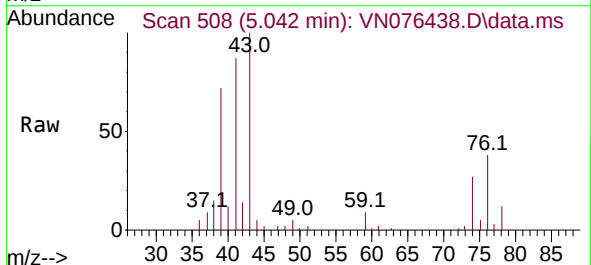
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#18
Methyl Acetate
Concen: 23.985 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

Tgt Ion: 43 Resp: 111417
Ion Ratio Lower Upper
43 100
74 28.3 23.3 34.9





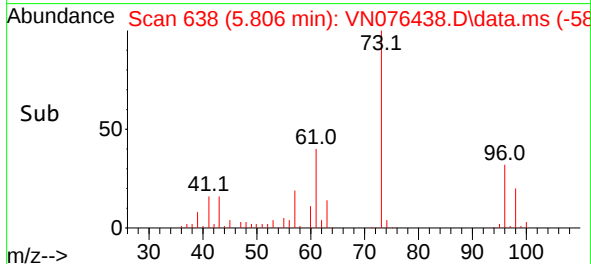
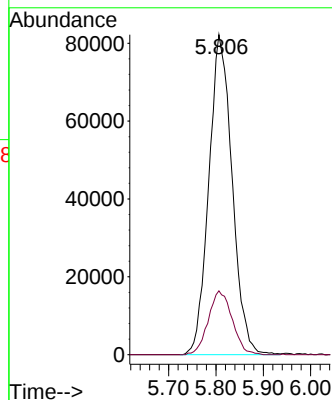
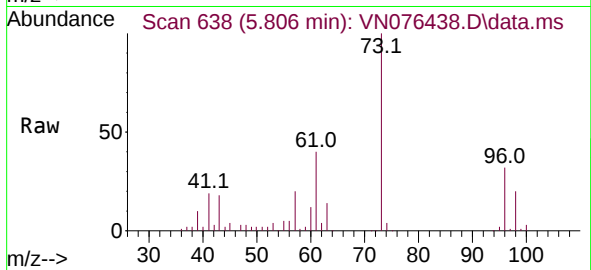
#19
Methyl tert-butyl Ether
Concen: 23.589 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD02

Tgt Ion: 73 Resp: 280892
Ion Ratio Lower Upper
73 100
57 19.9 15.9 23.9

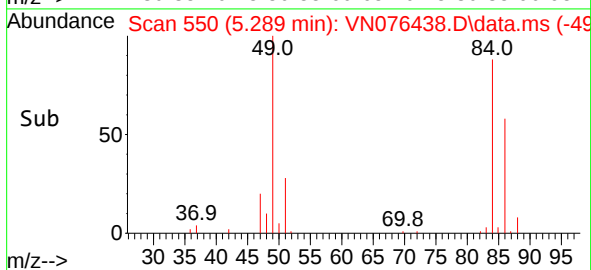
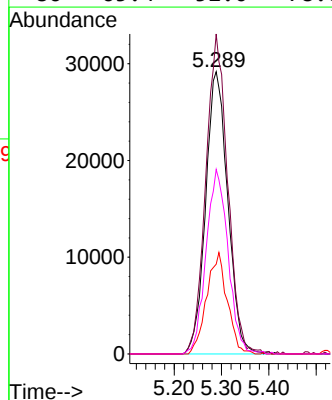
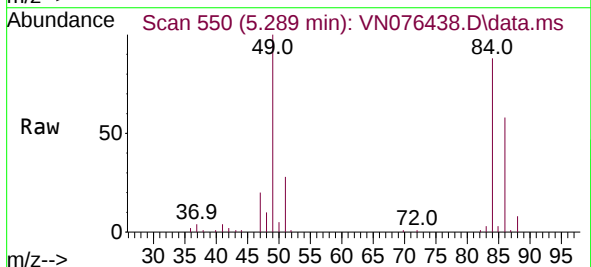
Manual Integrations
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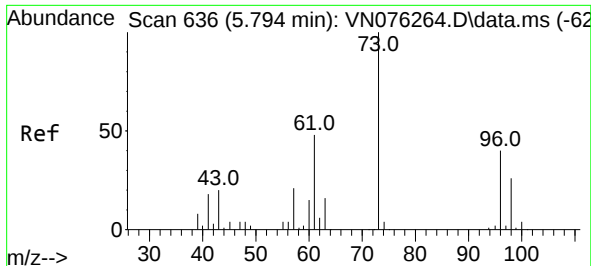
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#20
Methylene Chloride
Concen: 23.063 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

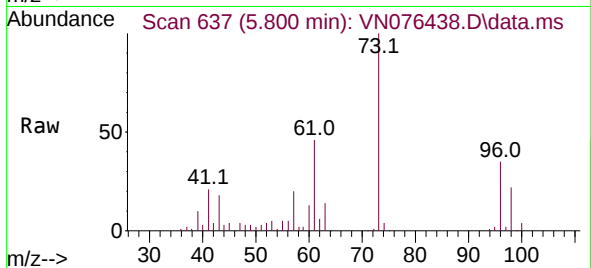
Tgt Ion: 84 Resp: 94857
Ion Ratio Lower Upper
84 100
49 113.3 84.5 126.7
51 31.8 26.0 39.0
86 65.4 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 20.855 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

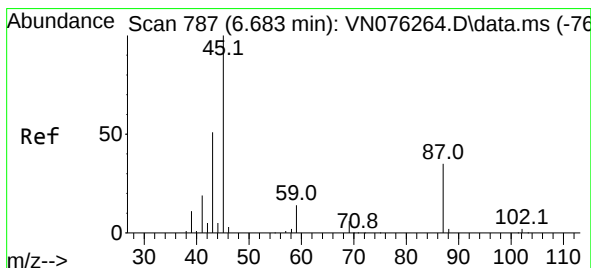
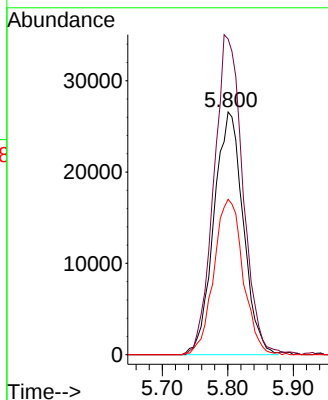
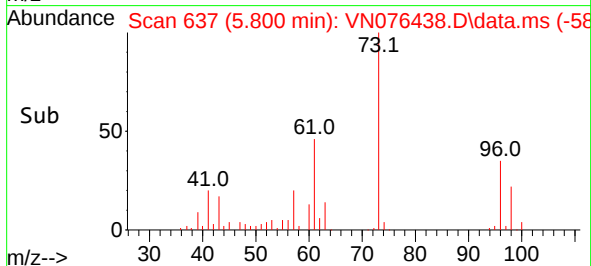
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD02



Tgt Ion: 96 Resp: 8263
Ion Ratio Lower Upper
96 100
61 130.1 97.0 145.4
98 64.0 51.9 77.9

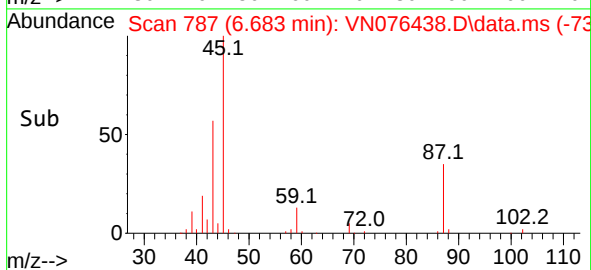
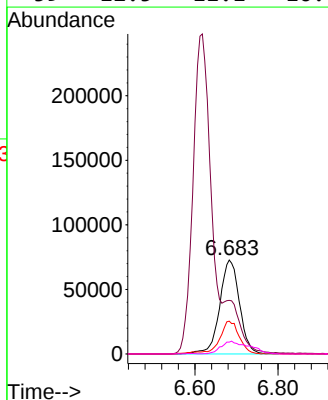
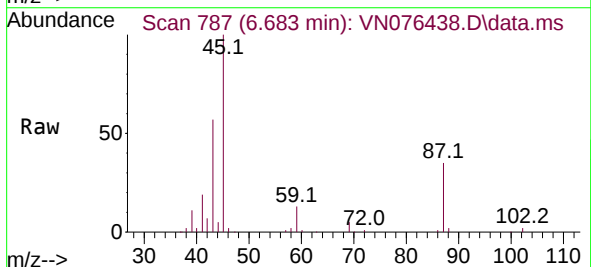
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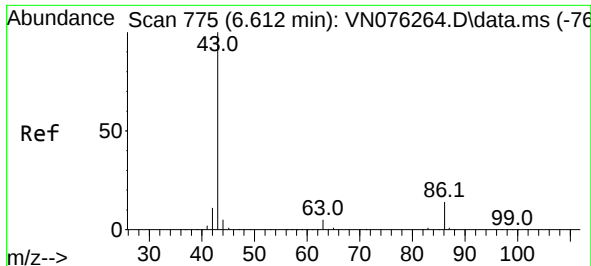
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#22
Diisopropyl ether
Concen: 23.969 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

Tgt Ion: 45 Resp: 240936
Ion Ratio Lower Upper
45 100
43 55.8 44.4 66.6
87 34.6 28.4 42.6
59 12.5 11.1 16.7





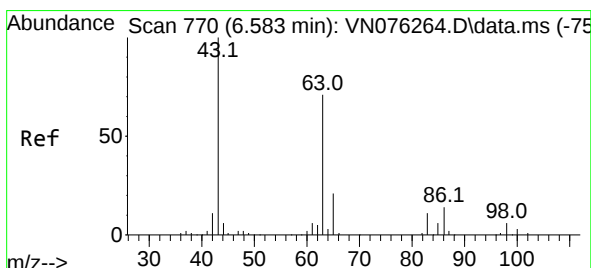
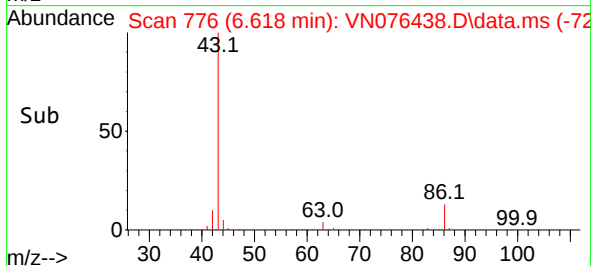
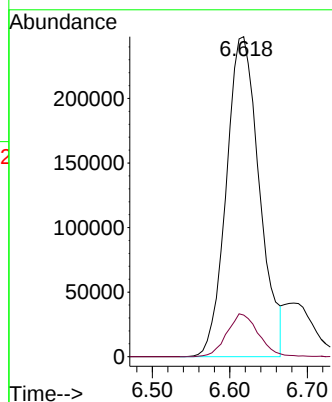
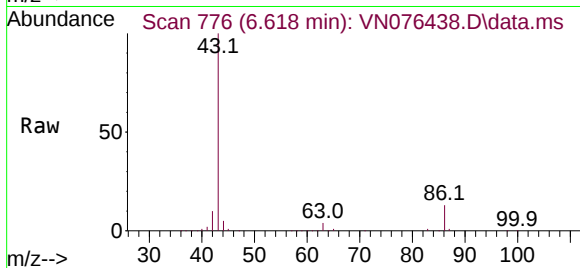
#23
 Vinyl Acetate
 Concen: 113.315 ug/l
 RT: 6.618 min Scan# 776
 Delta R.T. 0.006 min
 Lab File: VN076438.D
 Acq: 27 Jan 2023 14:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBSD02

Tgt Ion: 43 Resp: 73615
 Ion Ratio Lower Upper
 43 100
 86 13.0 11.2 16.8

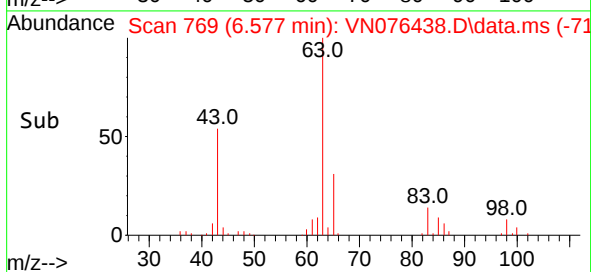
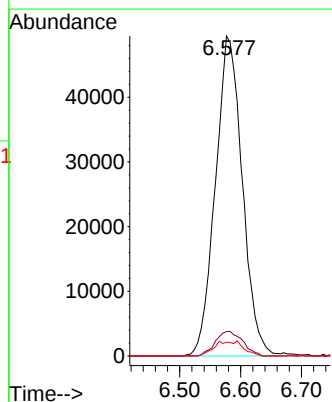
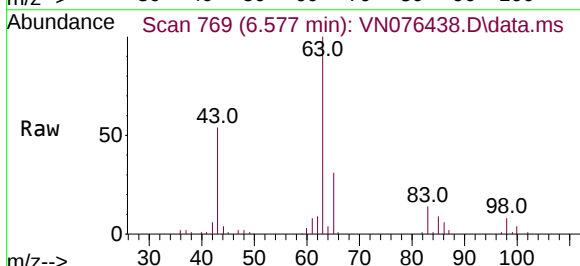
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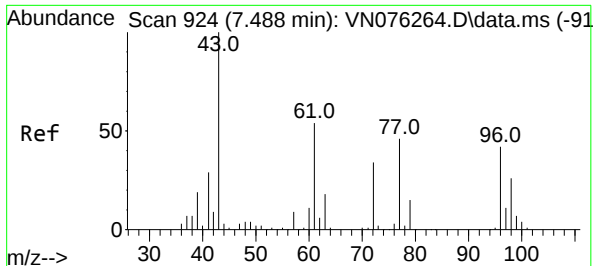
Reviewed By :John Carlone 01/30/2023
 Supervised By :Semsettin Yesilyurt 01/30/2023



#24
 1,1-Dichloroethane
 Concen: 22.648 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VN076438.D
 Acq: 27 Jan 2023 14:35

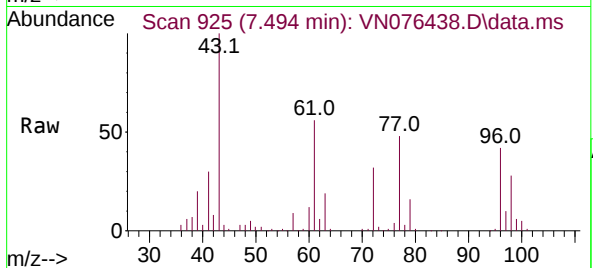
Tgt Ion: 63 Resp: 151747
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 4.3 2.2 6.6





#25
2-Butanone
Concen: 108.622 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

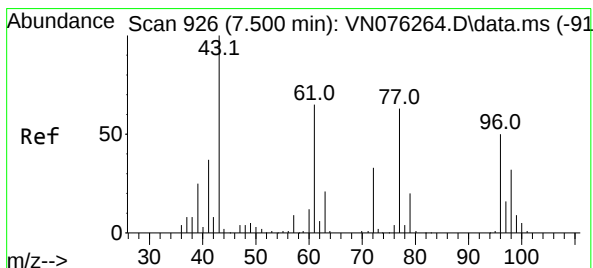
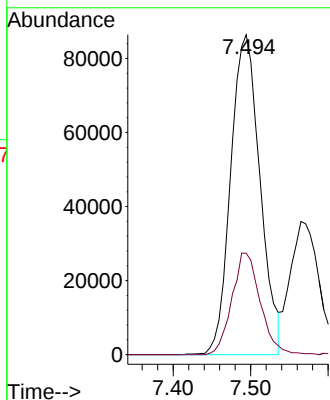
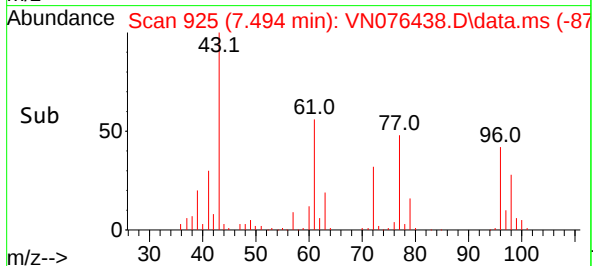
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD02



Tgt Ion: 43 Resp: 227394
Ion Ratio Lower Upper
43 100
72 31.7 27.4 41.2

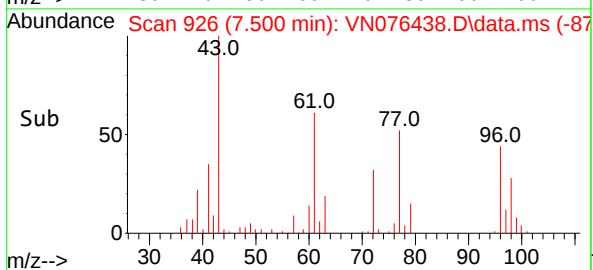
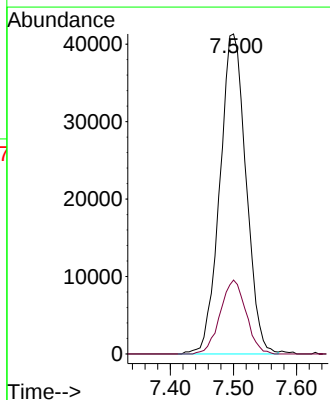
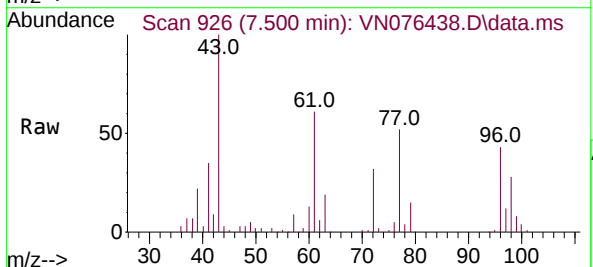
Manual Integrations
APPROVED

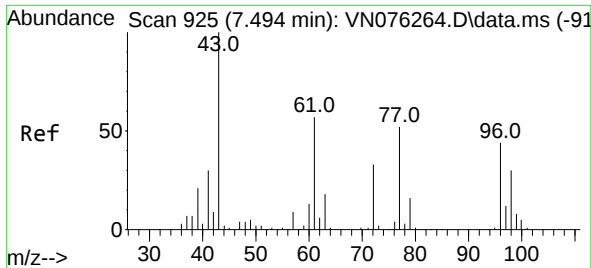
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#26
2,2-Dichloropropane
Concen: 21.059 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

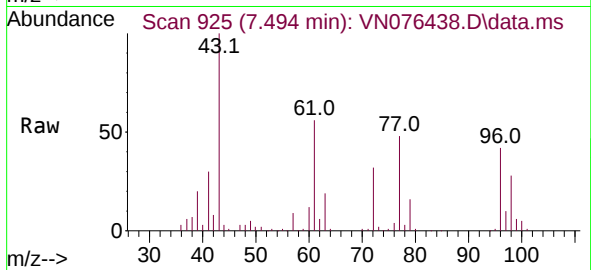
Tgt Ion: 77 Resp: 118923
Ion Ratio Lower Upper
77 100
97 22.7 11.8 35.4





#27
 cis-1,2-Dichloroethene
 Concen: 20.565 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN076438.D
 Acq: 27 Jan 2023 14:35

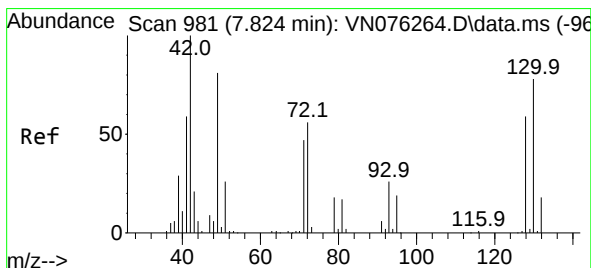
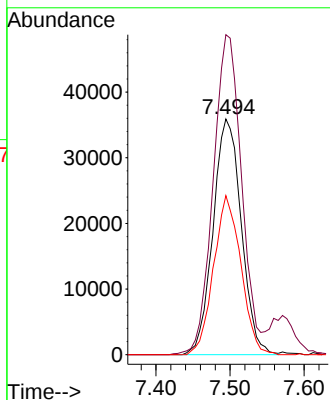
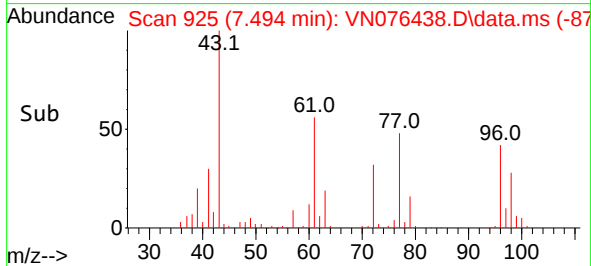
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBSD02



Tgt Ion: 96 Resp: 9504
 Ion Ratio Lower Upper
 96 100
 61 136.0 0.0 259.6
 98 65.2 0.0 129.4

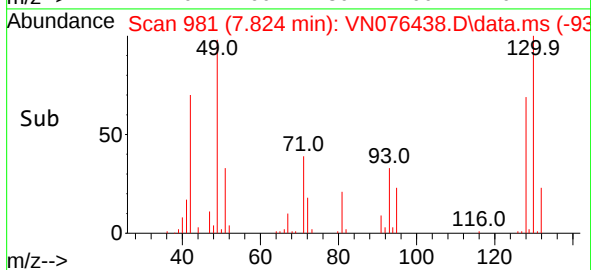
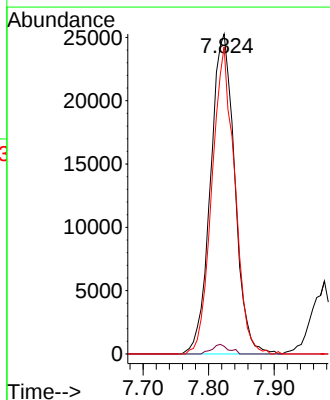
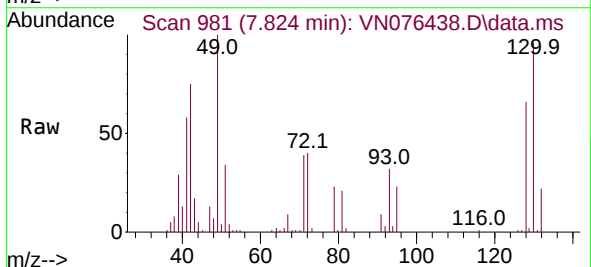
Manual Integrations
 APPROVED

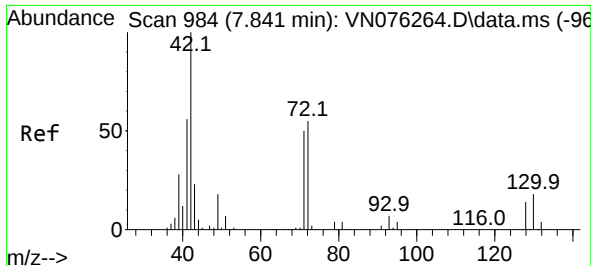
Reviewed By :John Carlone 01/30/2023
 Supervised By :Semsettin Yesilyurt 01/30/2023



#28
 Bromochloromethane
 Concen: 23.821 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. -0.000 min
 Lab File: VN076438.D
 Acq: 27 Jan 2023 14:35

Tgt Ion: 49 Resp: 64692
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 5.2
 130 90.1 76.0 114.0





#29

Tetrahydrofuran

Concen: 108.499 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076438.D

Acq: 27 Jan 2023 14:35

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBSD02

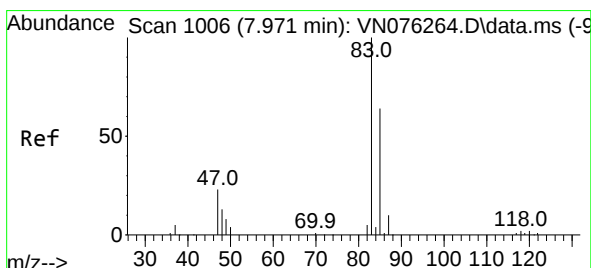
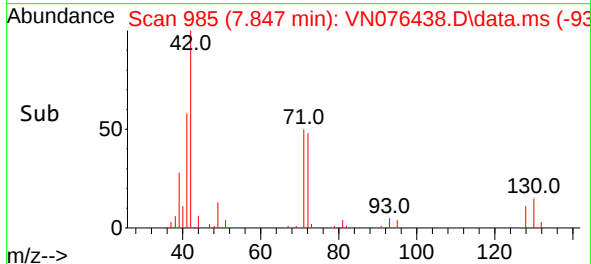
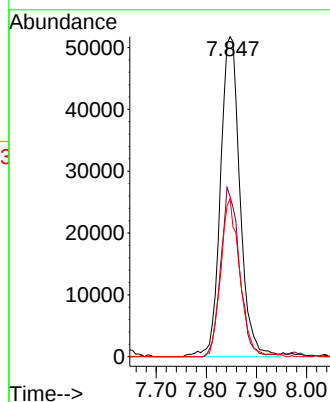
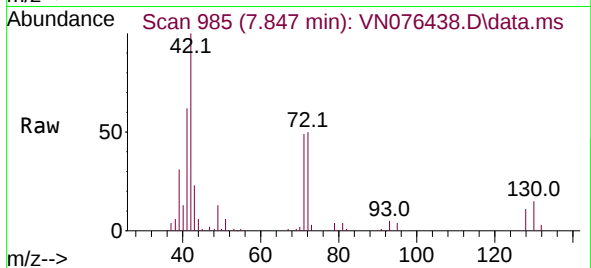
Tgt Ion: 42 Resp: 140186
 Ion Ratio Lower Upper
 42 100
 72 50.2 44.0 66.0
 71 48.0 41.1 61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#30

Chloroform

Concen: 21.583 ug/l

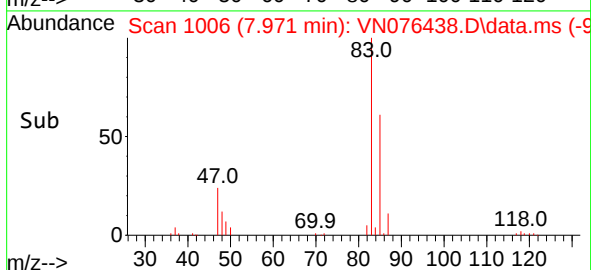
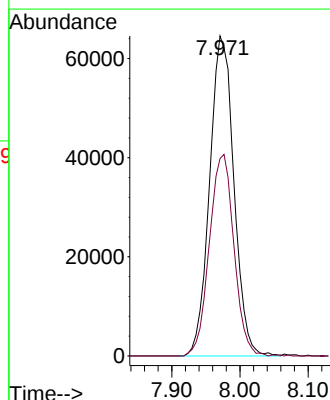
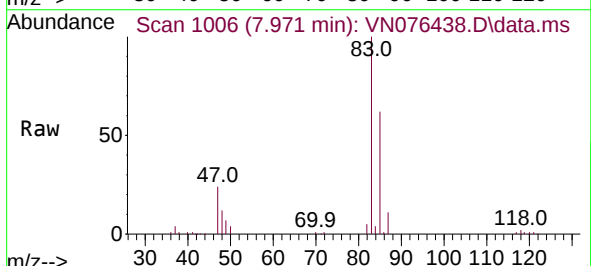
RT: 7.971 min Scan# 1006

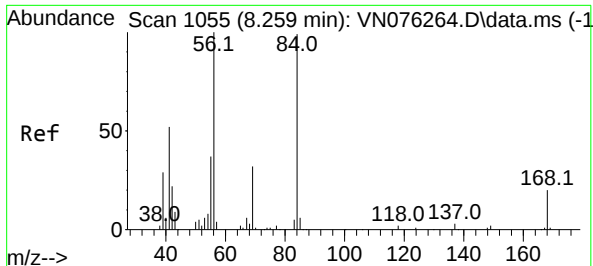
Delta R.T. -0.000 min

Lab File: VN076438.D

Acq: 27 Jan 2023 14:35

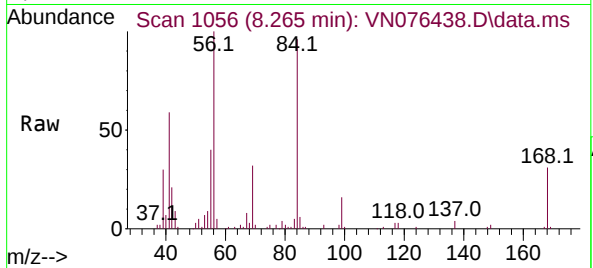
Tgt Ion: 83 Resp: 160014
 Ion Ratio Lower Upper
 83 100
 85 61.7 51.0 76.6





#31
Cyclohexane
Concen: 17.827 ug/l
RT: 8.265 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

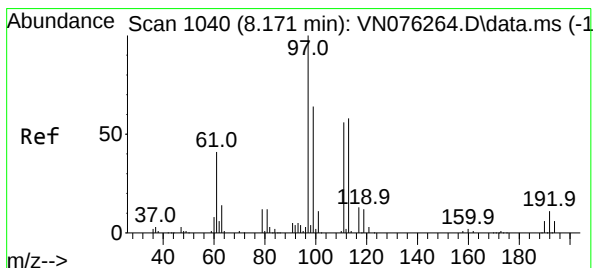
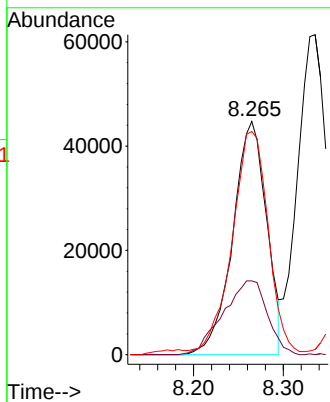
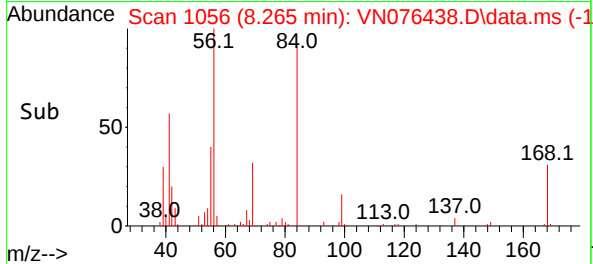
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD02



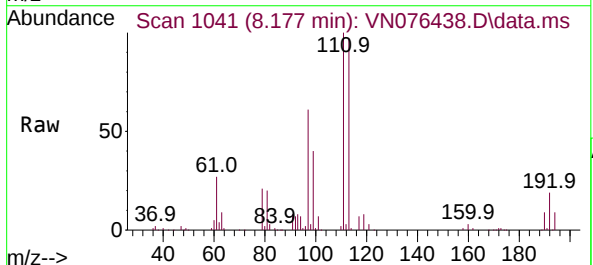
Tgt Ion: 56 Resp: 117094
Ion Ratio Lower Upper
56 100
69 31.6 25.8 38.8
84 93.5 79.0 118.4

Manual Integrations
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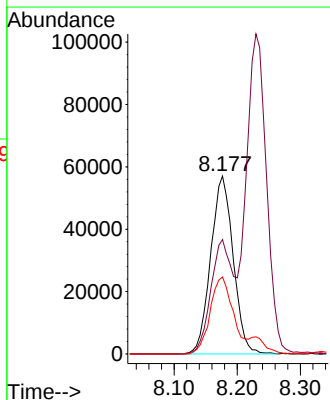
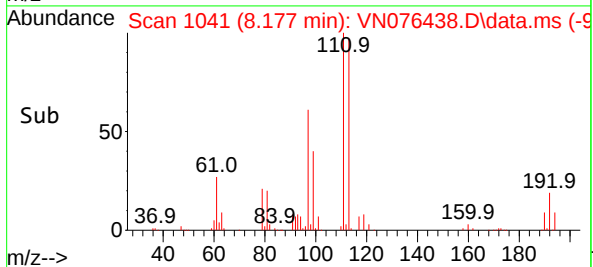
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023

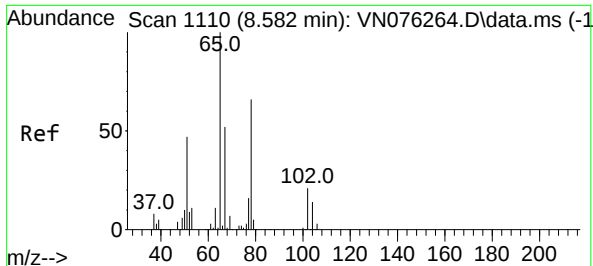


#32
1,1,1-Trichloroethane
Concen: 20.833 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35



Tgt Ion: 97 Resp: 141018
Ion Ratio Lower Upper
97 100
99 65.3 55.0 82.4
61 44.9 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 61.215 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076438.D

Acq: 27 Jan 2023 14:35

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBSD02

Tgt Ion: 65 Resp: 26174

Ion Ratio Lower Upper

65 100

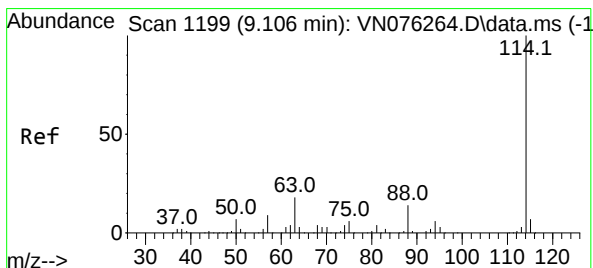
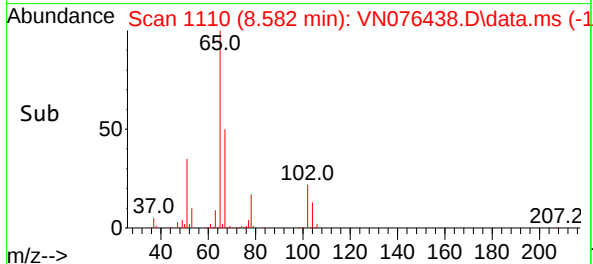
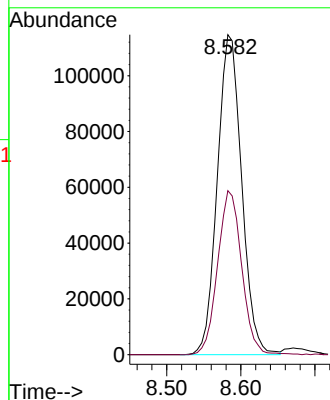
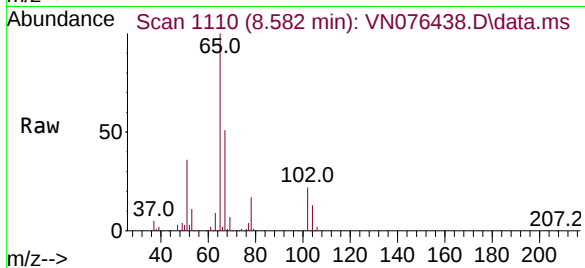
67 50.7 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076438.D

Acq: 27 Jan 2023 14:35

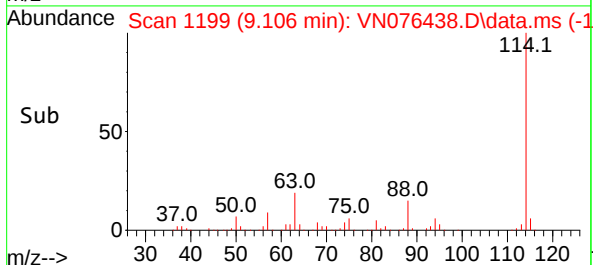
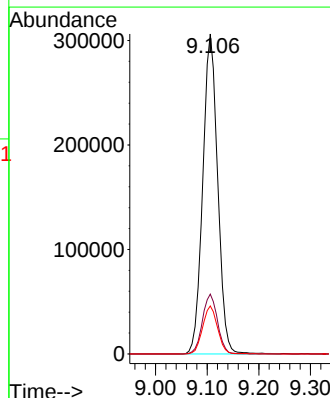
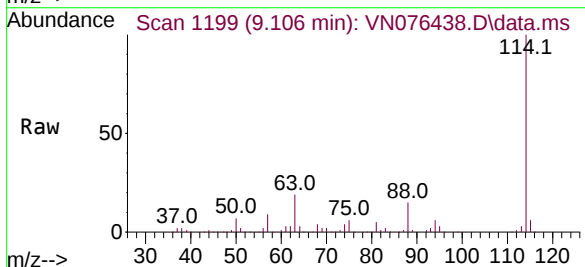
Tgt Ion:114 Resp: 613780

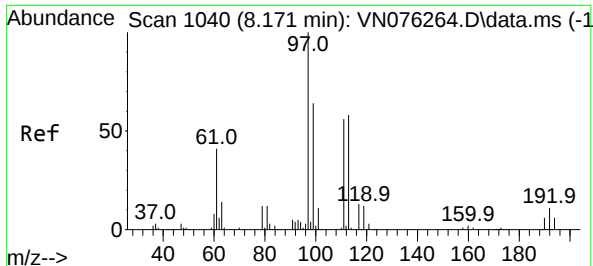
Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.8

88 15.0 0.0 28.0





#35

Dibromofluoromethane

Concen: 57.356 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076438.D

Acq: 27 Jan 2023 14:35

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBSD02

Tgt Ion:113 Resp: 220210

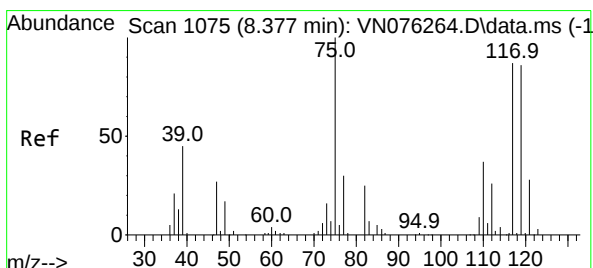
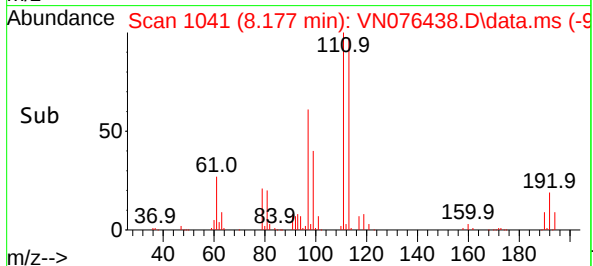
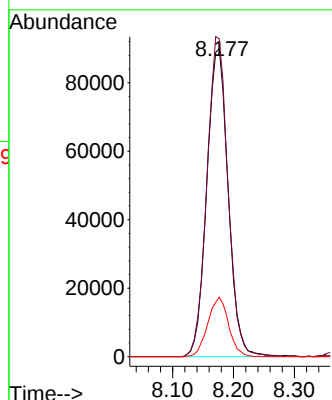
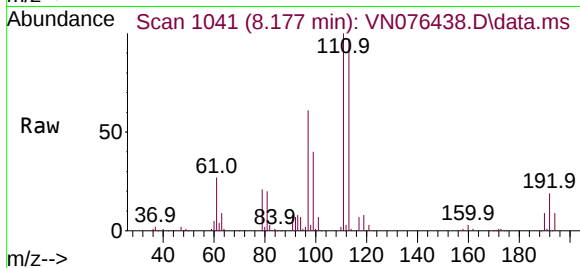
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.7	124.1
192	18.8	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#36

1,1-Dichloropropene

Concen: 19.612 ug/l

RT: 8.377 min Scan# 1075

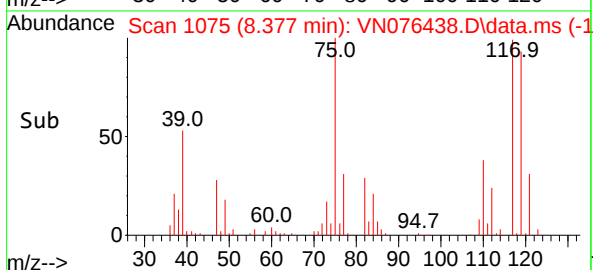
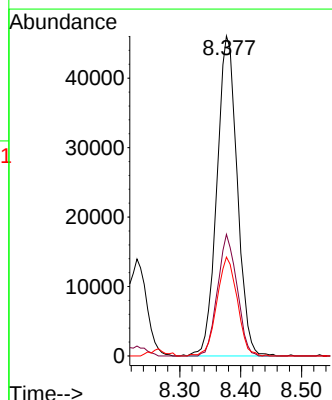
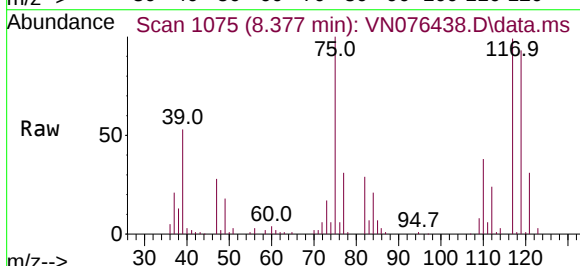
Delta R.T. -0.000 min

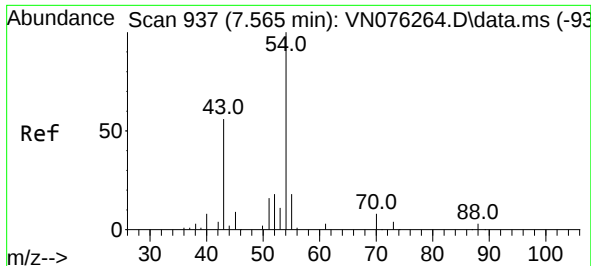
Lab File: VN076438.D

Acq: 27 Jan 2023 14:35

Tgt Ion: 75 Resp: 106999

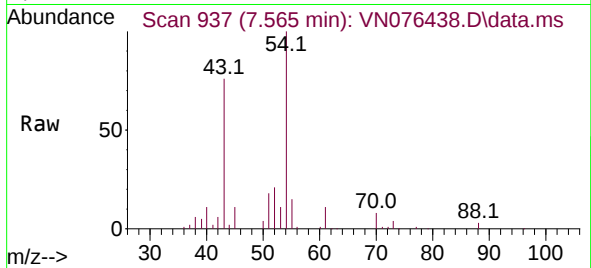
Ion	Ratio	Lower	Upper
75	100		
110	36.3	18.8	56.3
77	31.0	25.0	37.4





#37
Ethyl Acetate
Concen: 21.668 ug/l
RT: 7.565 min Scan# 937
Delta R.T. -0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

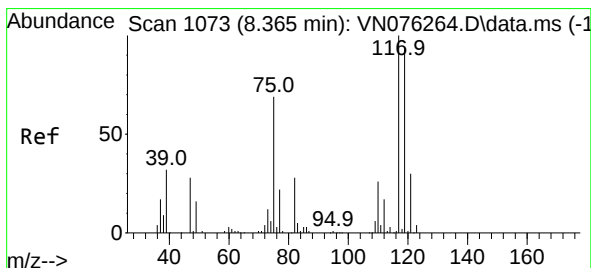
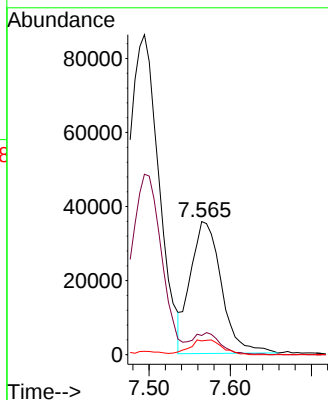
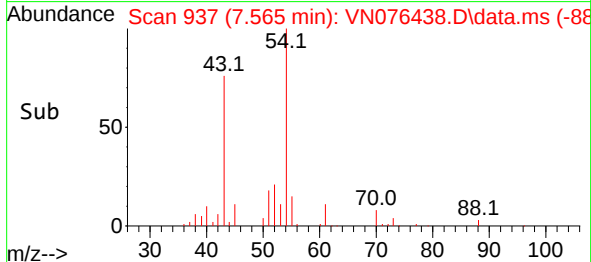
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD02



Tgt Ion: 43 Resp: 94728
Ion Ratio Lower Upper
43 100
61 14.4 11.1 16.7
70 11.6 10.0 15.0

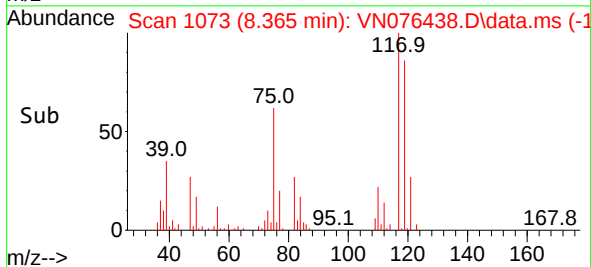
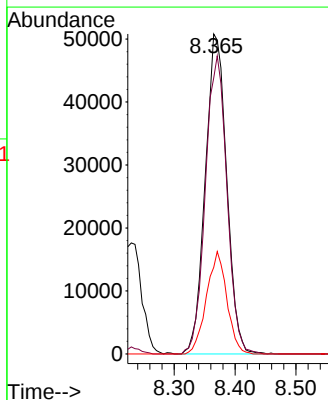
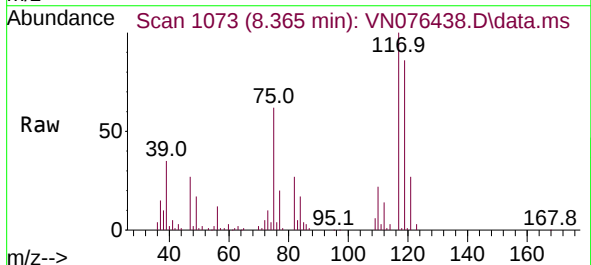
Manual Integrations
APPROVED

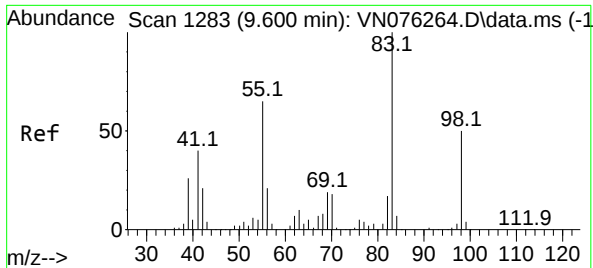
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#38
Carbon Tetrachloride
Concen: 20.416 ug/l
RT: 8.365 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

Tgt Ion:117 Resp: 124214
Ion Ratio Lower Upper
117 100
119 86.2 75.4 113.0
121 27.1 24.2 36.2





#39

Methylcyclohexane

Concen: 17.118 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.006 min

Lab File: VN076438.D

Acq: 27 Jan 2023 14:35

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBSD02

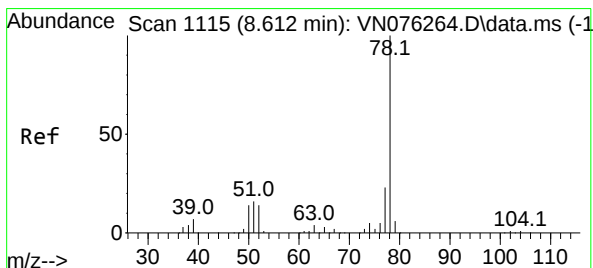
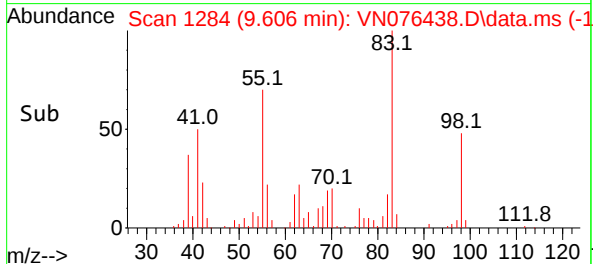
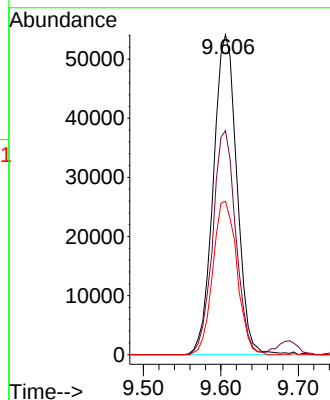
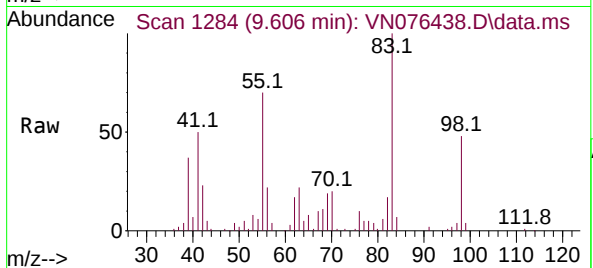
Tgt Ion: 83 Resp: 114045
 Ion Ratio Lower Upper
 83 100
 55 70.0 51.7 77.5
 98 47.9 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#40

Benzene

Concen: 20.216 ug/l

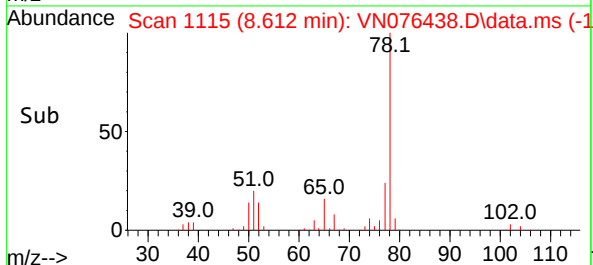
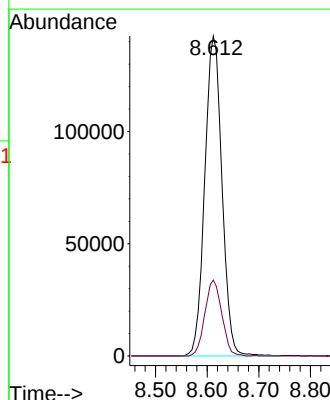
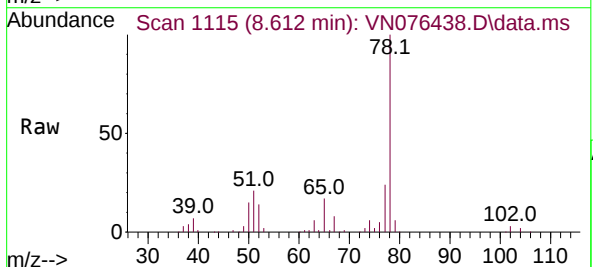
RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076438.D

Acq: 27 Jan 2023 14:35

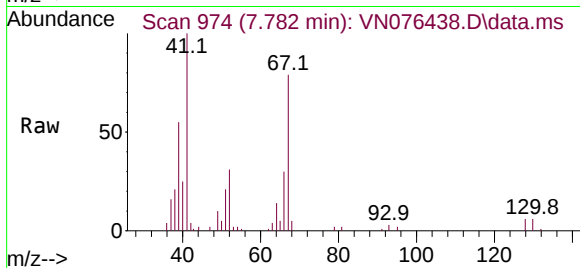
Tgt Ion: 78 Resp: 329794
 Ion Ratio Lower Upper
 78 100
 77 23.7 18.6 28.0





#41
Methacrylonitrile
Concen: 22.828 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

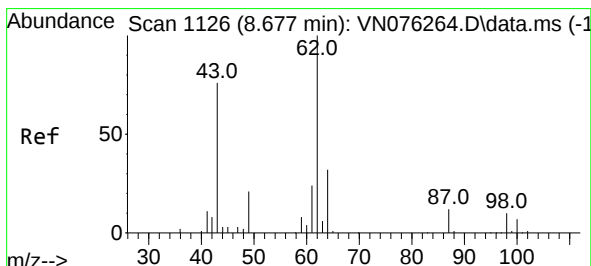
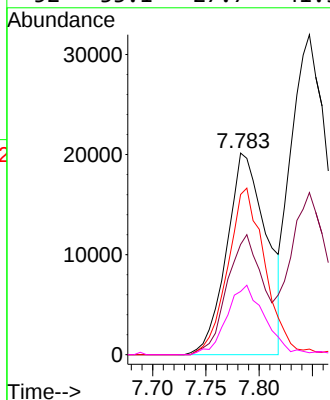
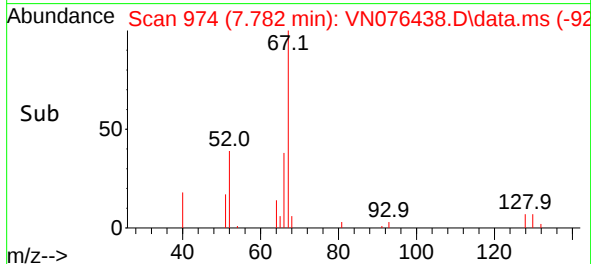
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD02



Tgt Ion:	41	Resp:	5230
Ion Ratio	100	Lower	Upper
41	100		
39	53.5	42.4	63.6
67	78.3	68.8	103.2
52	33.1	27.7	41.5

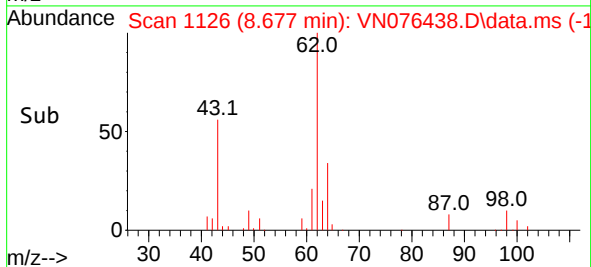
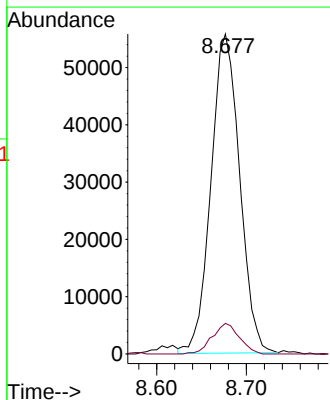
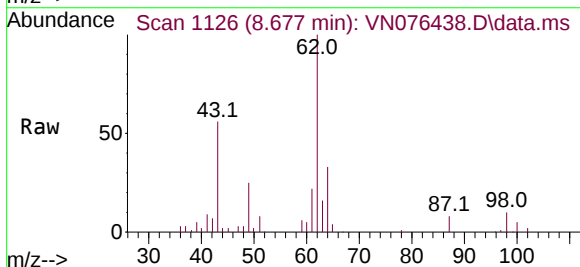
Manual Integrations
APPROVED

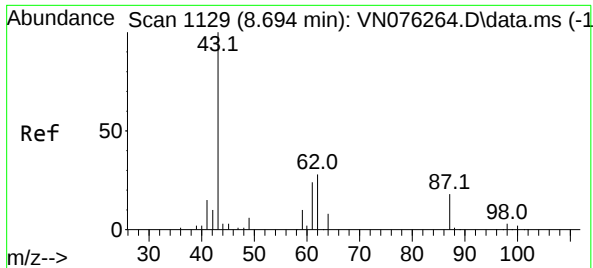
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#42
1,2-Dichloroethane
Concen: 22.149 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

Tgt Ion:	62	Resp:	123631
Ion Ratio	100	Lower	Upper
62	100		
98	9.1	0.0	20.4





#43

Isopropyl Acetate

Concen: 21.041 ug/l

RT: 8.694 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VN076438.D

Acq: 27 Jan 2023 14:35

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBSD02

Tgt Ion: 43 Resp: 149789

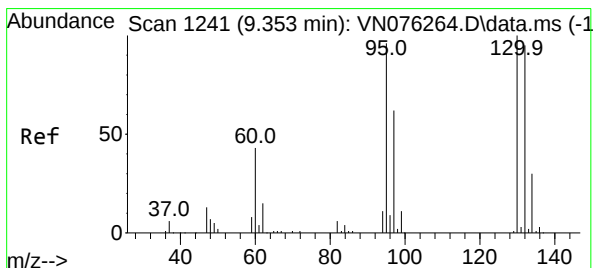
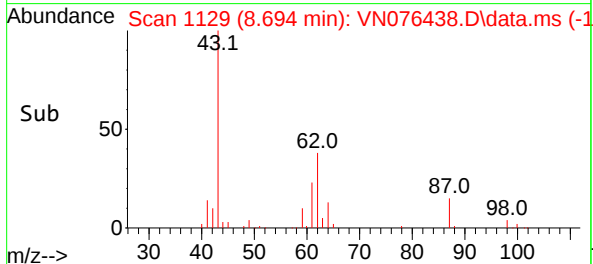
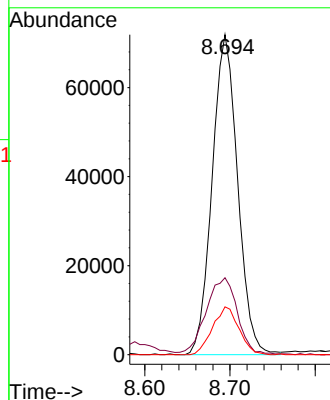
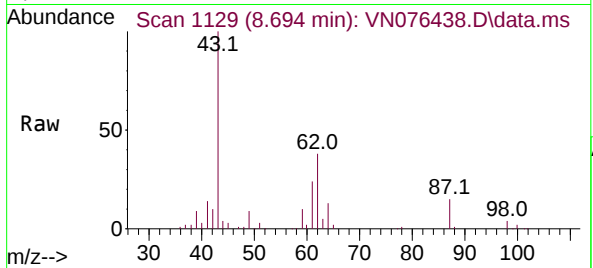
Ion	Ratio	Lower	Upper
43	100		
61	29.6	23.5	35.3
87	15.4	13.8	20.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#44

Trichloroethene

Concen: 17.184 ug/l

RT: 9.353 min Scan# 1241

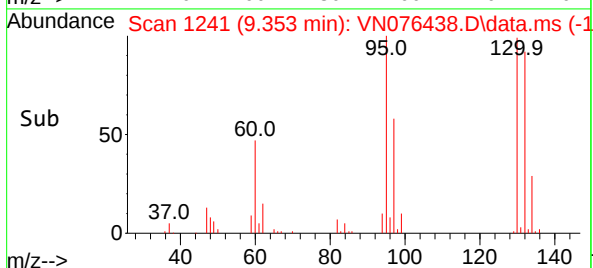
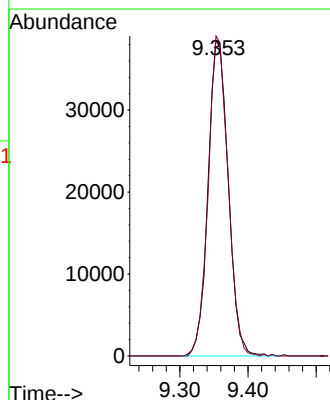
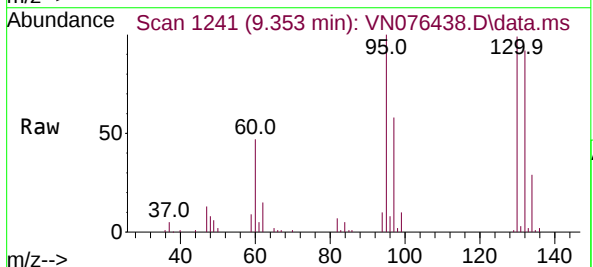
Delta R.T. -0.000 min

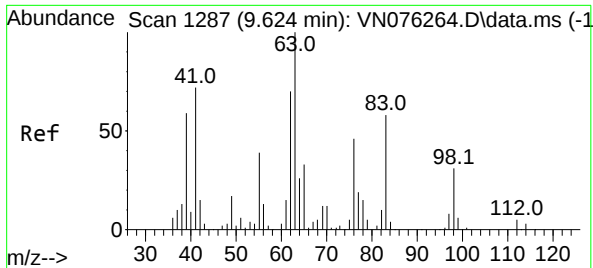
Lab File: VN076438.D

Acq: 27 Jan 2023 14:35

Tgt Ion:130 Resp: 79288

Ion	Ratio	Lower	Upper
130	100		
95	101.4	0.0	192.0





#45

1,2-Dichloropropane

Concen: 19.117 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076438.D

Acq: 27 Jan 2023 14:35

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBSD02

Tgt Ion: 63 Resp: 7466

Ion Ratio Lower Upper

63 100

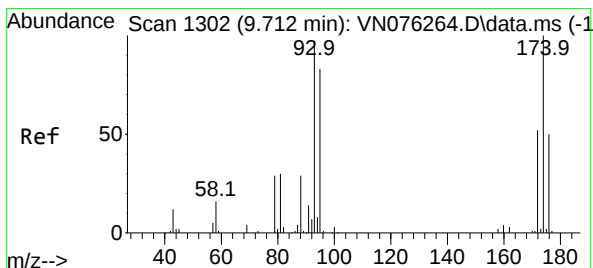
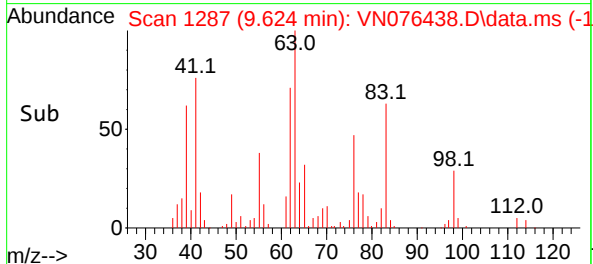
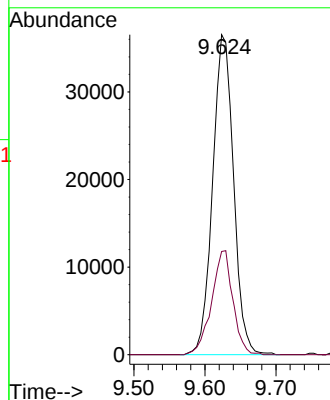
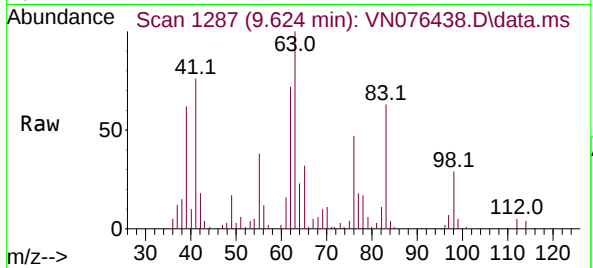
65 32.3 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#46

Dibromomethane

Concen: 19.044 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076438.D

Acq: 27 Jan 2023 14:35

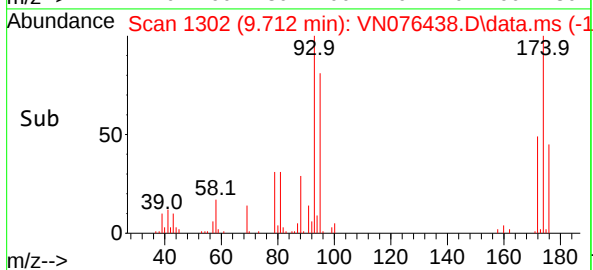
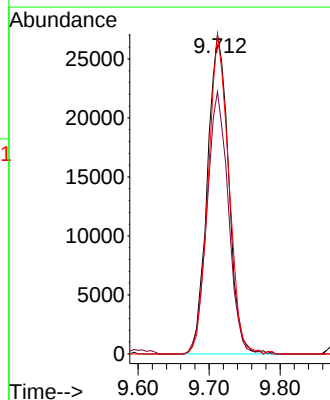
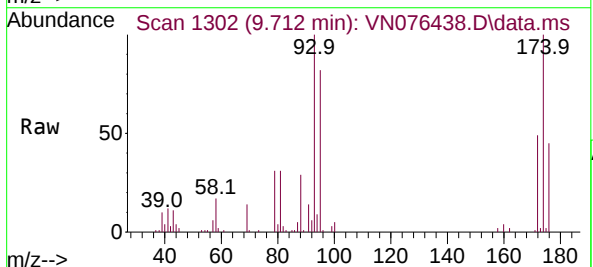
Tgt Ion: 93 Resp: 56159

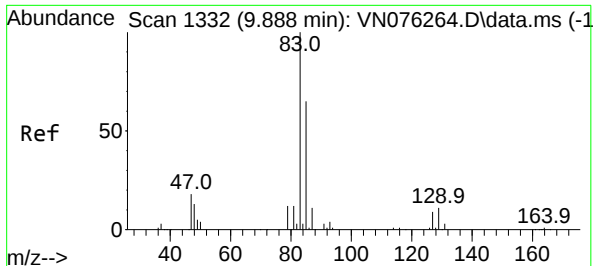
Ion Ratio Lower Upper

93 100

95 82.6 66.0 99.0

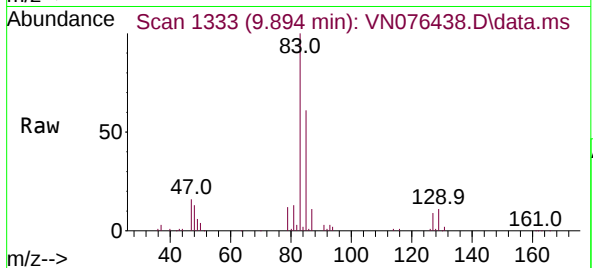
174 96.8 81.3 121.9





#47
Bromodichloromethane
Concen: 19.353 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

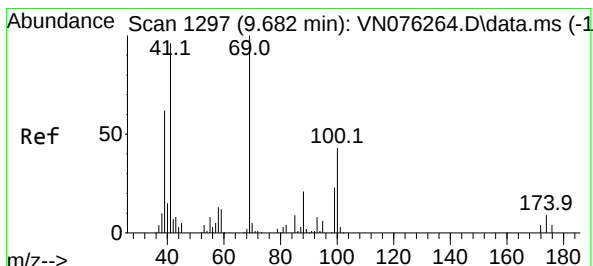
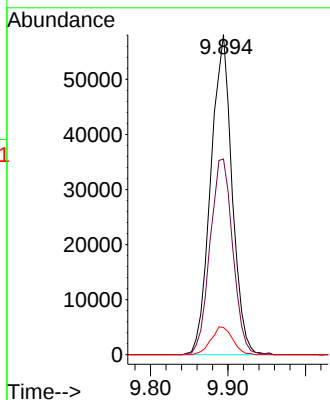
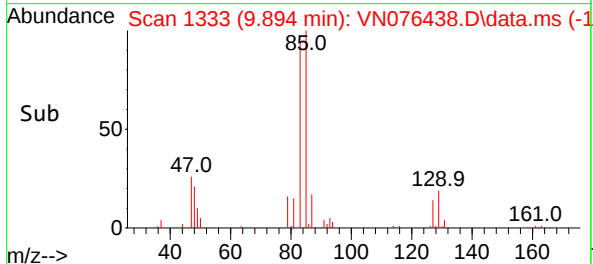
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD02



Tgt Ion: 83 Resp: 110690
Ion Ratio Lower Upper
83 100
85 61.1 52.1 78.1
127 8.5 7.4 11.0

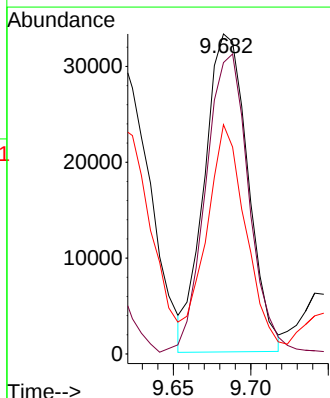
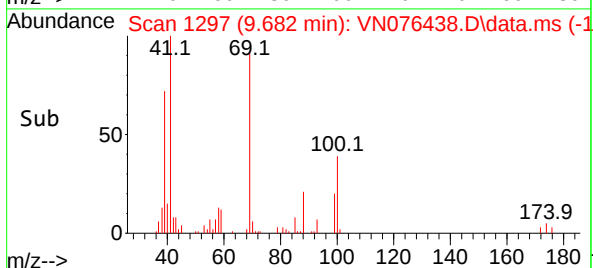
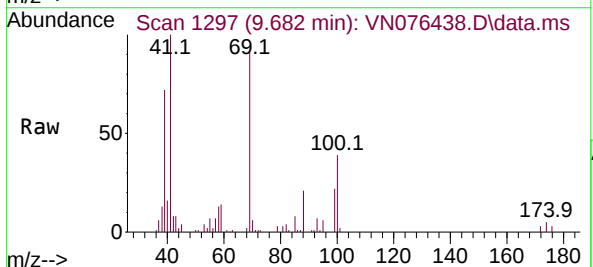
Manual Integrations
APPROVED

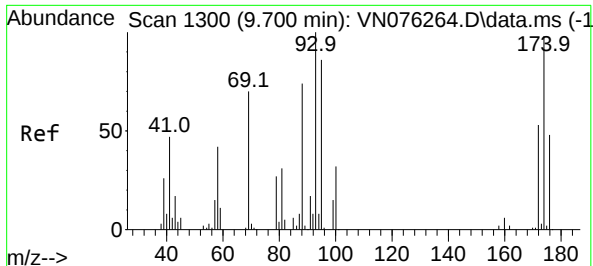
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#48
Methyl methacrylate
Concen: 19.224 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

Tgt Ion: 41 Resp: 64788
Ion Ratio Lower Upper
41 100
69 94.8 80.8 121.2
39 66.5 54.4 81.6





#49

1,4-Dioxane

Concen: 387.198 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076438.D

Acq: 27 Jan 2023 14:35

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBSD02

Tgt Ion: 88 Resp: 2753

Ion Ratio Lower Upper

88 100

43 22.9 18.1 27.1

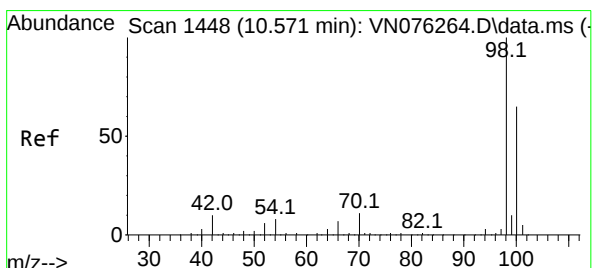
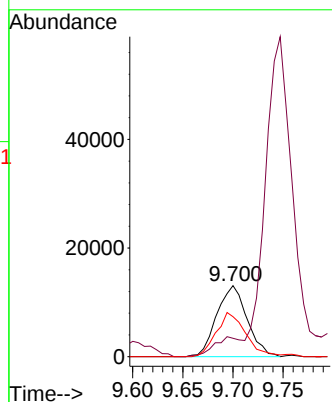
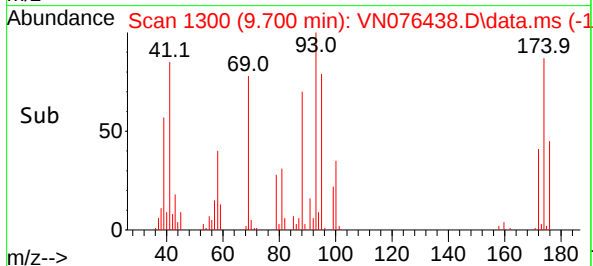
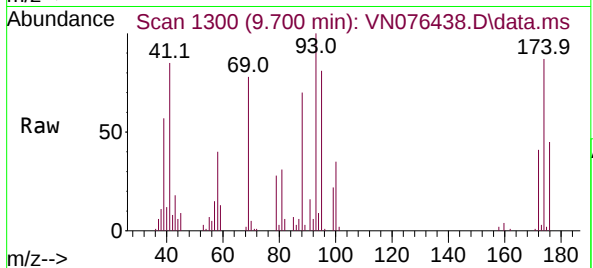
58 60.2 46.5 69.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#50

Toluene-d8

Concen: 51.988 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076438.D

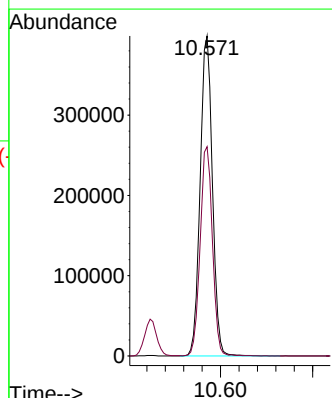
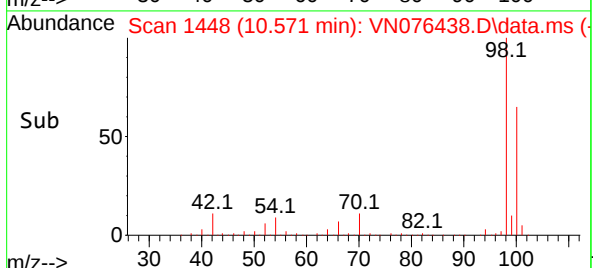
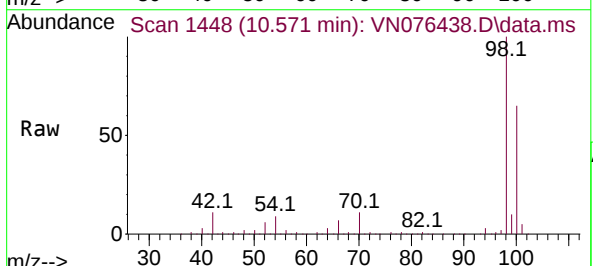
Acq: 27 Jan 2023 14:35

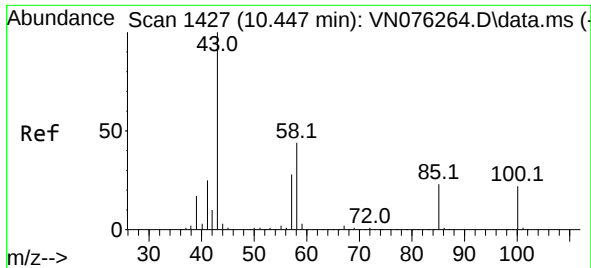
Tgt Ion: 98 Resp: 737163

Ion Ratio Lower Upper

98 100

100 65.3 52.2 78.4





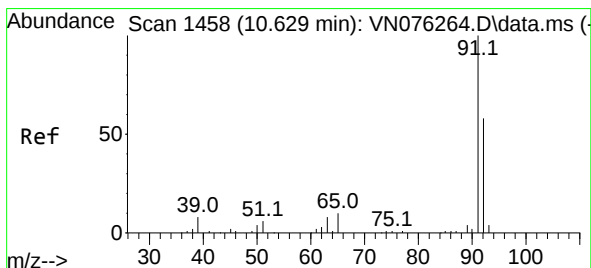
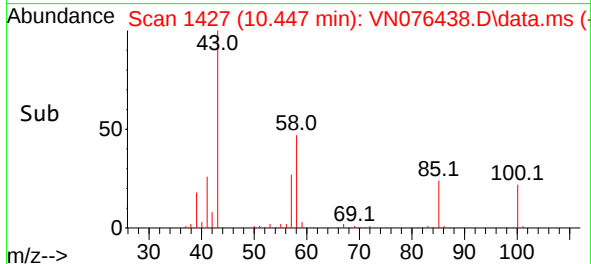
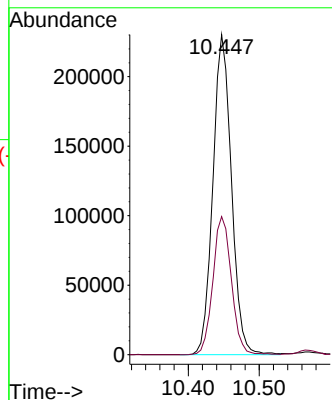
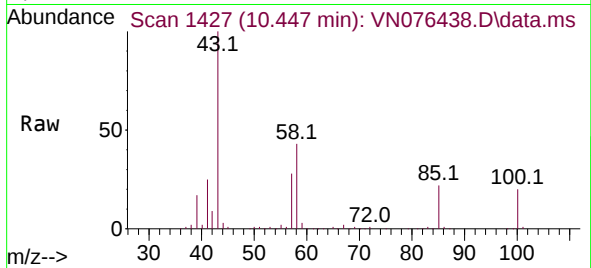
#51
4-Methyl-2-Pentanone
Concen: 99.811 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD02

Tgt Ion: 43 Resp: 417118
Ion Ratio Lower Upper
43 100
58 43.1 35.1 52.7

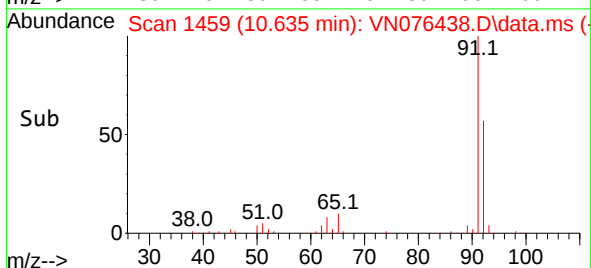
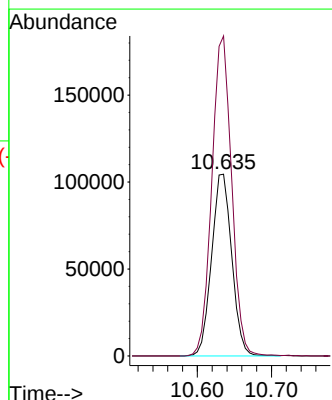
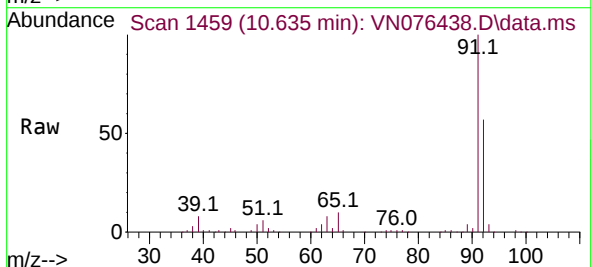
Manual Integrations
APPROVED

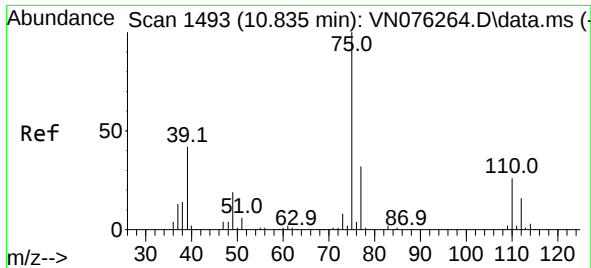
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#52
Toluene
Concen: 18.119 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

Tgt Ion: 92 Resp: 197674
Ion Ratio Lower Upper
92 100
91 172.9 136.6 205.0





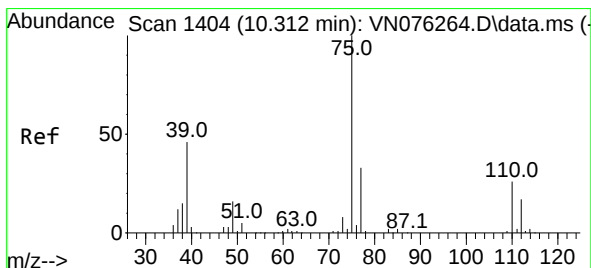
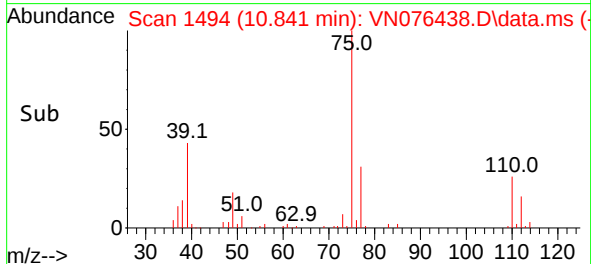
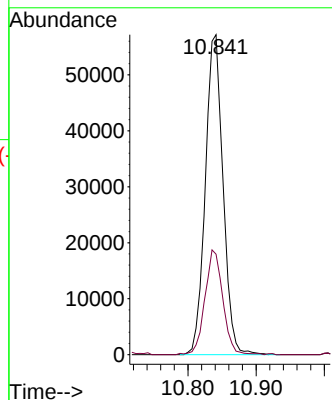
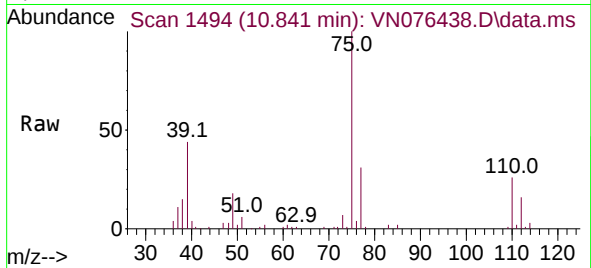
#53
t-1,3-Dichloropropene
Concen: 18.952 ug/l
RT: 10.841 min Scan# 1493
Delta R.T. 0.006 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD02

Tgt Ion: 75 Resp: 10333
Ion Ratio Lower Upper
75 100
77 31.4 25.8 38.6

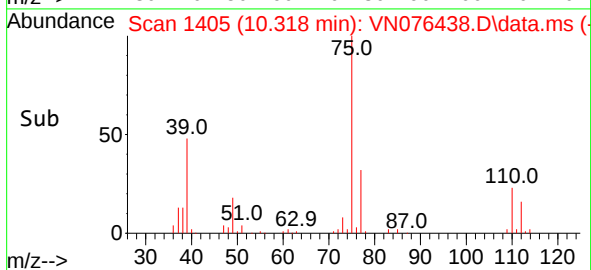
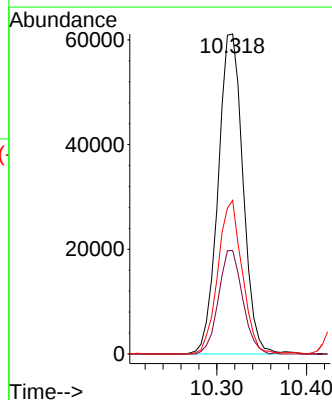
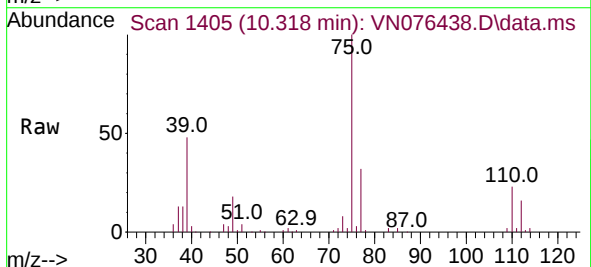
Manual Integrations
APPROVED

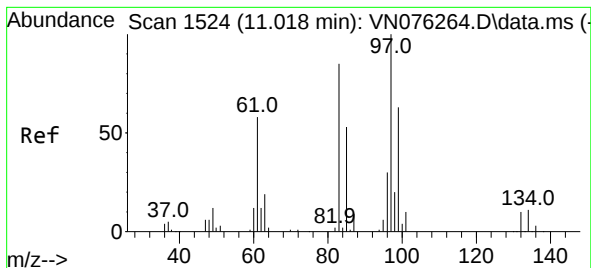
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#54
cis-1,3-Dichloropropene
Concen: 18.722 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

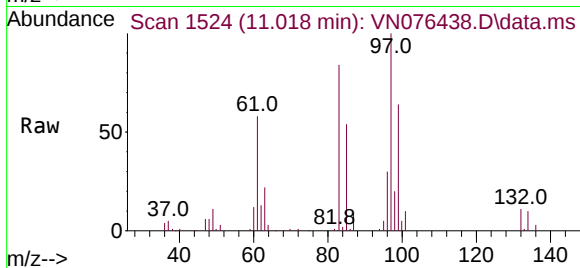
Tgt Ion: 75 Resp: 117437
Ion Ratio Lower Upper
75 100
77 32.3 26.5 39.7
39 48.0 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 19.016 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

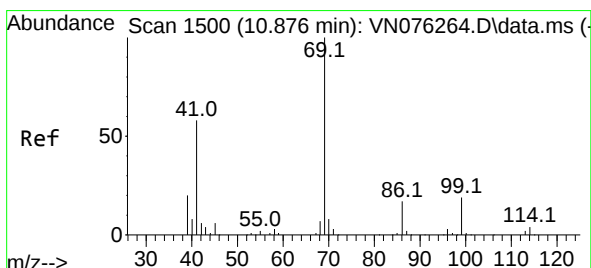
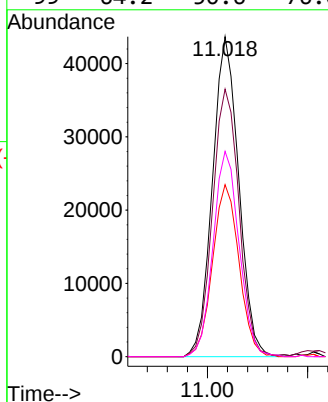
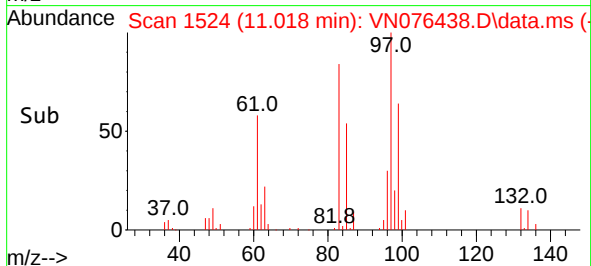
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD02



Tgt Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.8	101.6
85	53.7	42.3	63.5
99	64.2	50.6	76.0

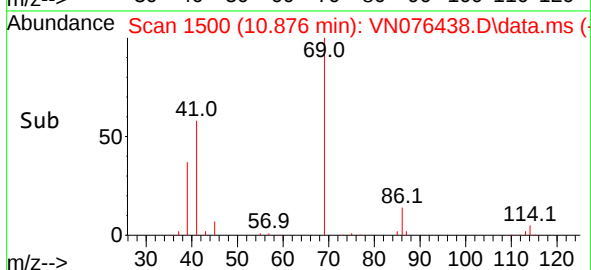
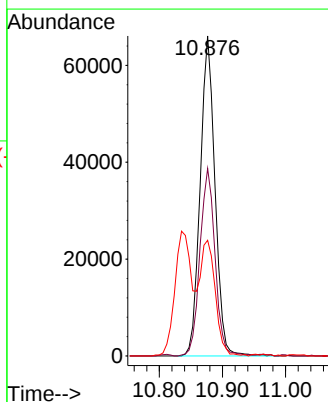
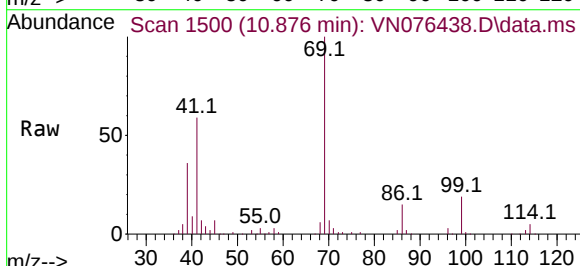
Manual Integrations
APPROVED

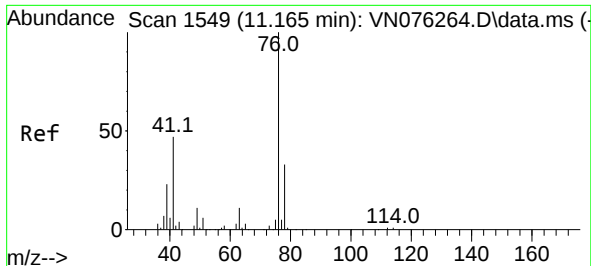
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#56
Ethyl methacrylate
Concen: 20.004 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

Tgt Ion	Ratio	Lower	Upper
69	100		
41	60.0	45.3	67.9
39	36.2	29.3	43.9





#57

1,3-Dichloropropane

Concen: 19.227 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076438.D

Acq: 27 Jan 2023 14:35

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBSD02

Tgt Ion: 76 Resp: 130292

Ion Ratio Lower Upper

76 100

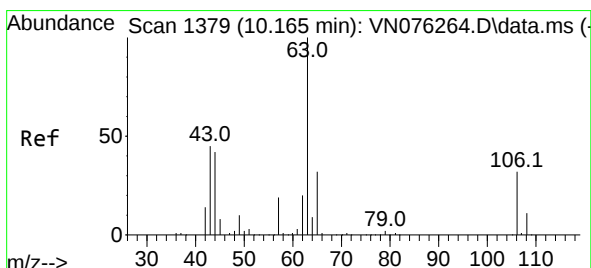
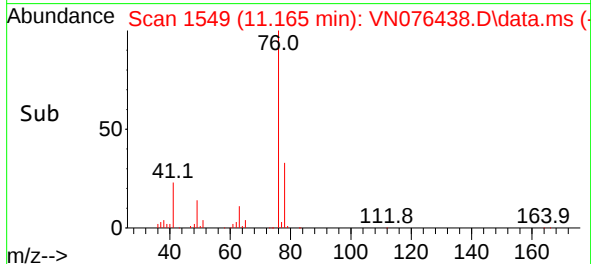
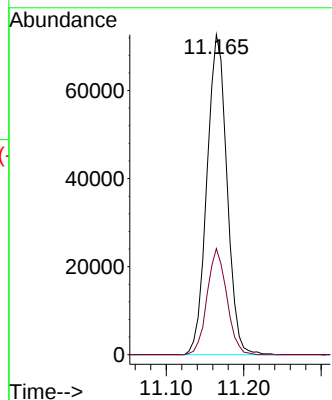
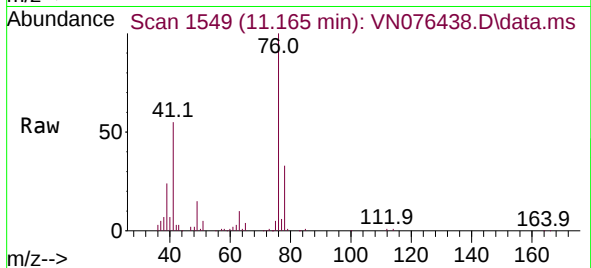
78 32.5 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#58

2-Chloroethyl Vinyl ether

Concen: 73.175 ug/l

RT: 10.165 min Scan# 1379

Delta R.T. -0.000 min

Lab File: VN076438.D

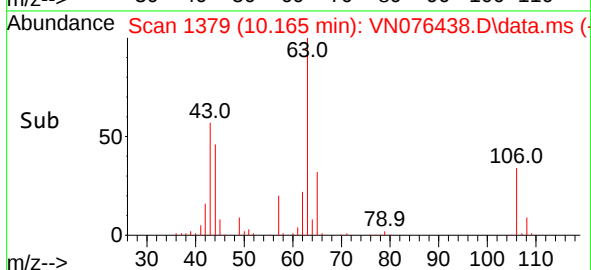
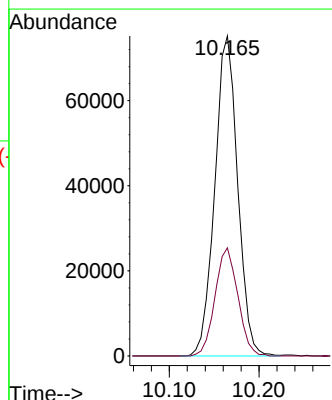
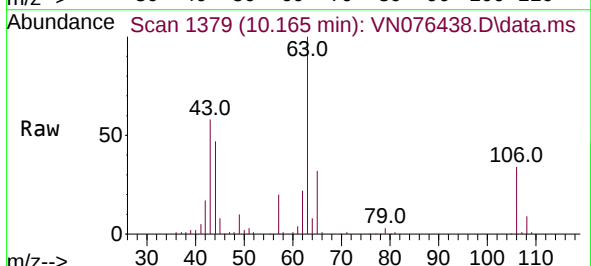
Acq: 27 Jan 2023 14:35

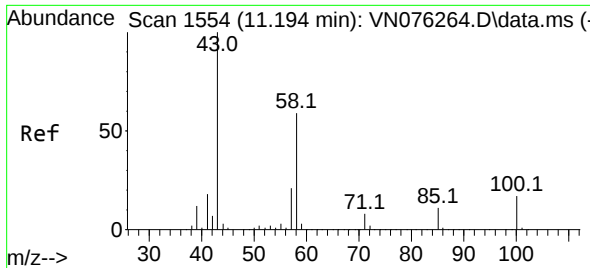
Tgt Ion: 63 Resp: 132992

Ion Ratio Lower Upper

63 100

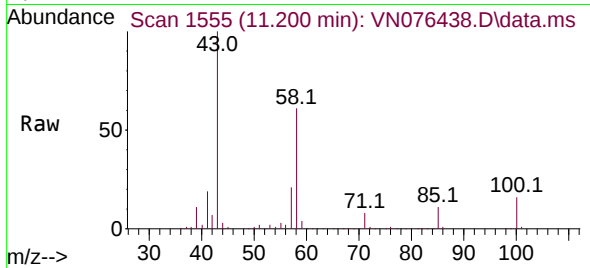
106 33.7 26.2 39.2





#59
2-Hexanone
Concen: 98.111 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

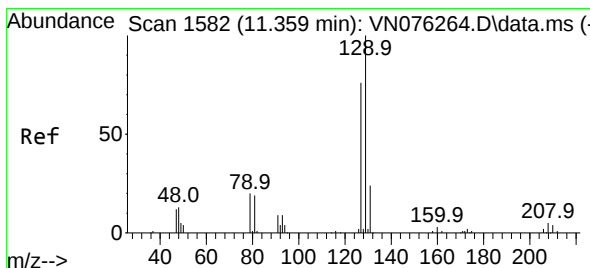
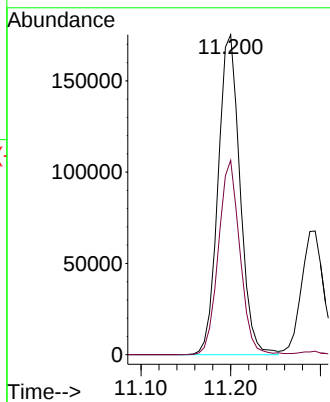
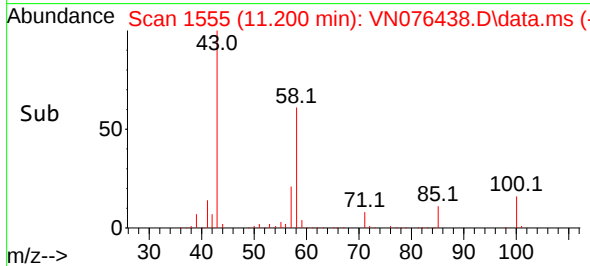
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD02



Tgt Ion: 43 Resp: 297118
Ion Ratio Lower Upper
43 100
58 59.6 30.1 90.3

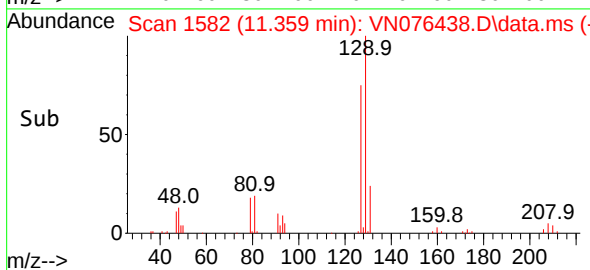
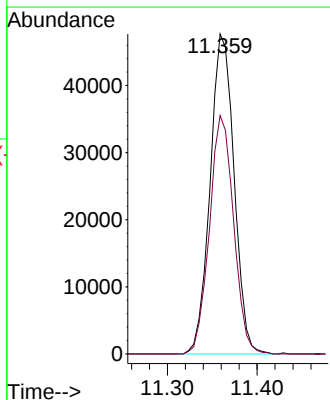
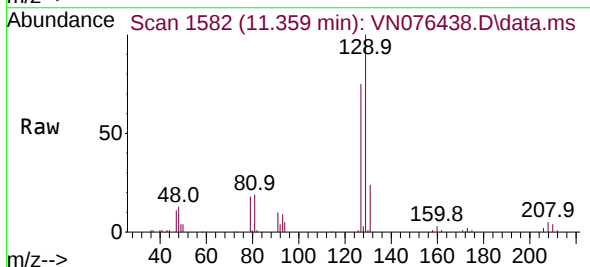
Manual Integrations
APPROVED

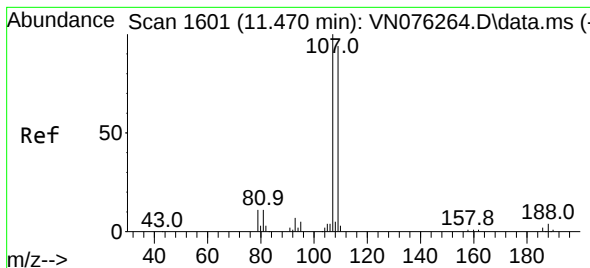
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#60
Dibromochloromethane
Concen: 20.117 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

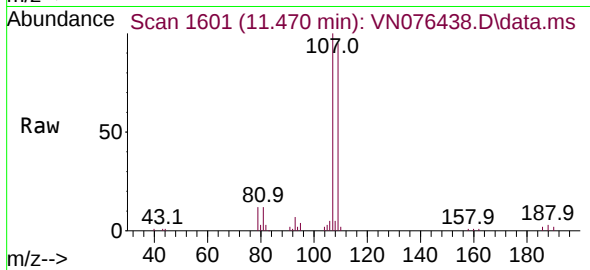
Tgt Ion:129 Resp: 88306
Ion Ratio Lower Upper
129 100
127 75.0 38.7 116.1





#61
1,2-Dibromoethane
Concen: 18.813 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

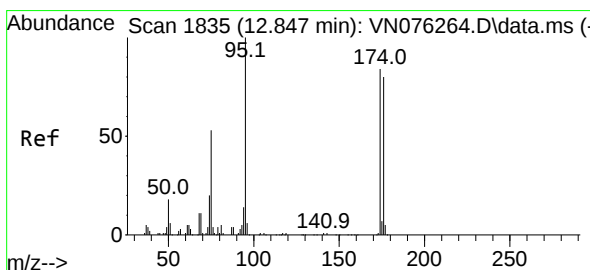
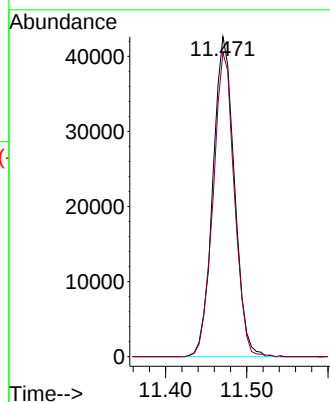
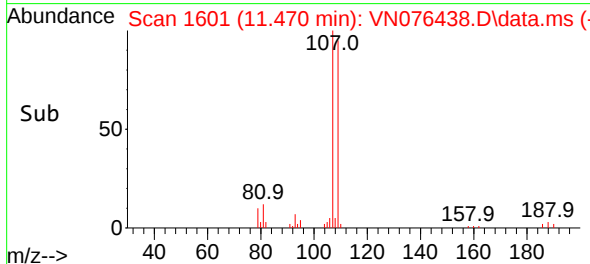
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD02



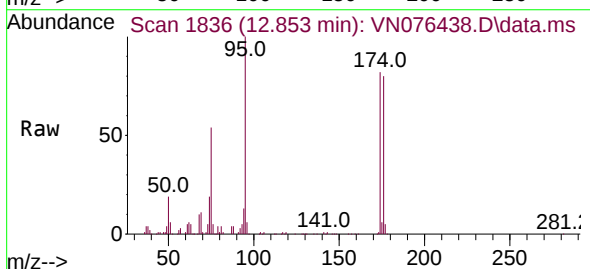
Tgt Ion:107 Resp: 7830
Ion Ratio Lower Upper
107 100
109 94.0 76.0 114.0

Manual Integrations
APPROVED

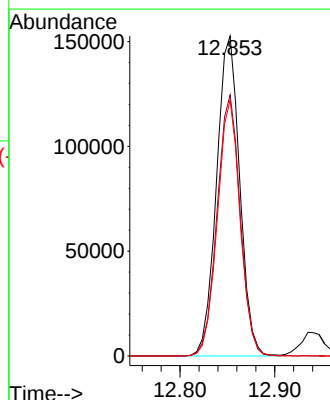
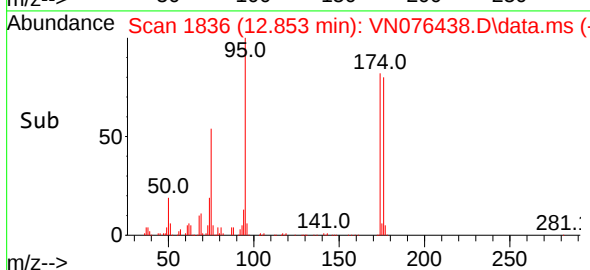
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023

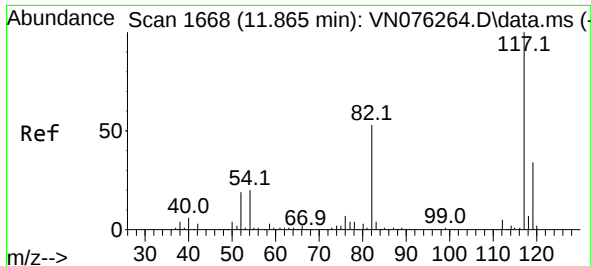


#62
4-Bromofluorobenzene
Concen: 56.026 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35



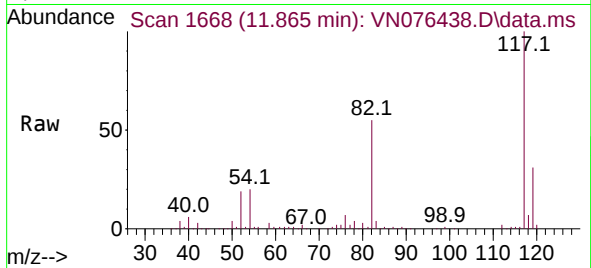
Tgt Ion: 95 Resp: 259342
Ion Ratio Lower Upper
95 100
174 81.4 0.0 174.6
176 78.2 0.0 167.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

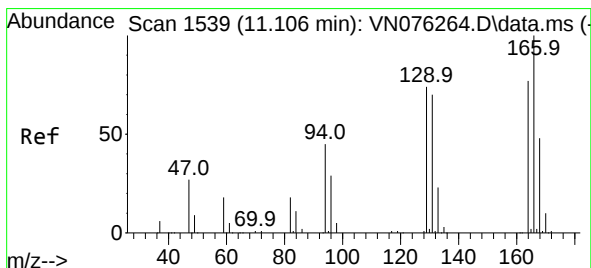
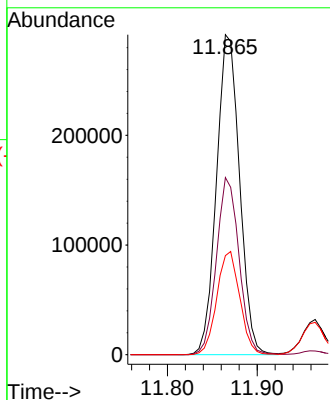
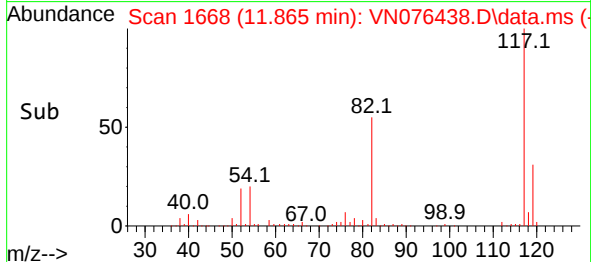
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD02



Tgt Ion:117 Resp: 52200
Ion Ratio Lower Upper
117 100
82 55.4 42.2 63.2
119 30.9 26.9 40.3

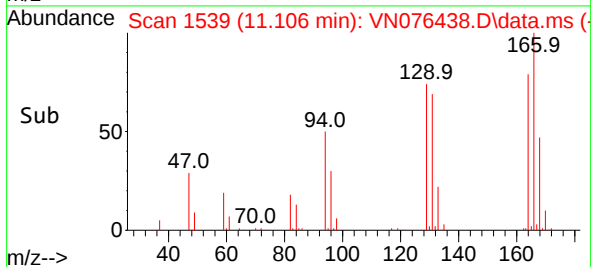
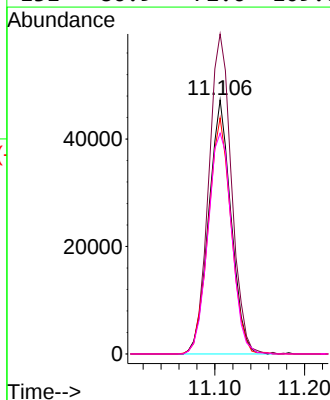
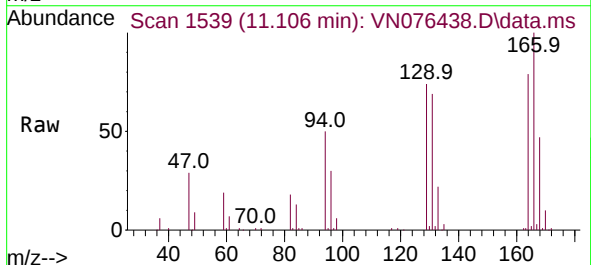
Manual Integrations
APPROVED

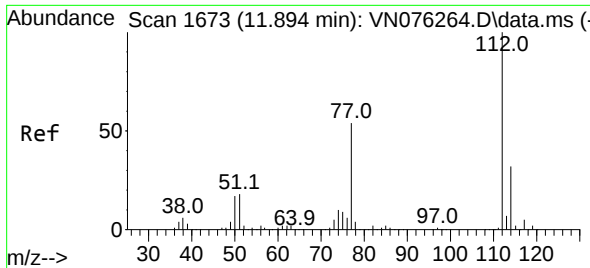
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#64
Tetrachloroethene
Concen: 17.423 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

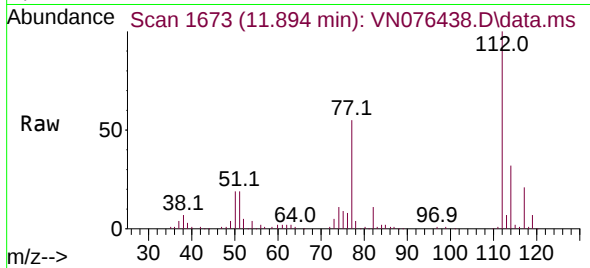
Tgt Ion:164 Resp: 82018
Ion Ratio Lower Upper
164 100
166 126.0 104.0 156.0
129 93.0 76.6 114.8
131 86.9 72.6 109.0





#65
Chlorobenzene
Concen: 19.213 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

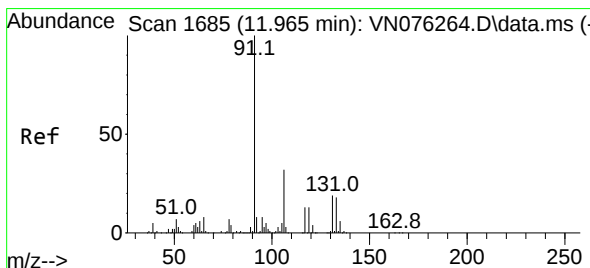
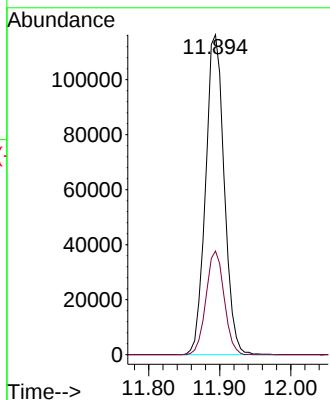
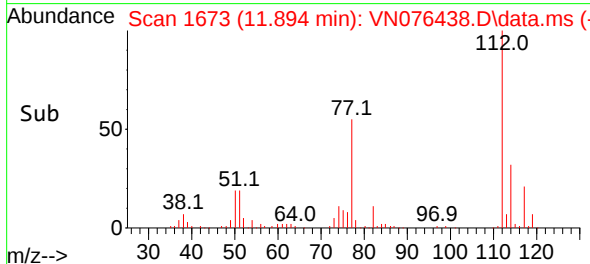
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD02



Tgt Ion:112 Resp: 212010
Ion Ratio Lower Upper
112 100
114 32.4 25.3 37.9

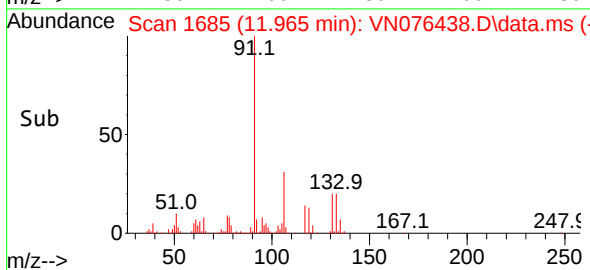
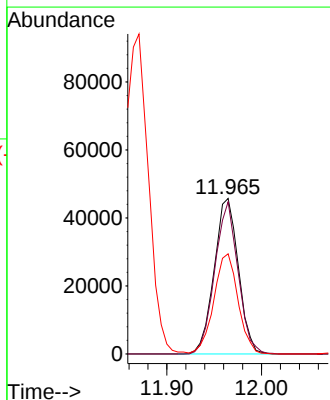
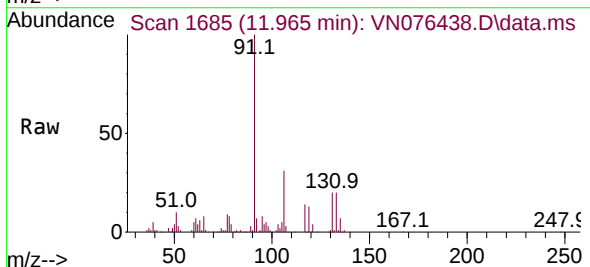
Manual Integrations
APPROVED

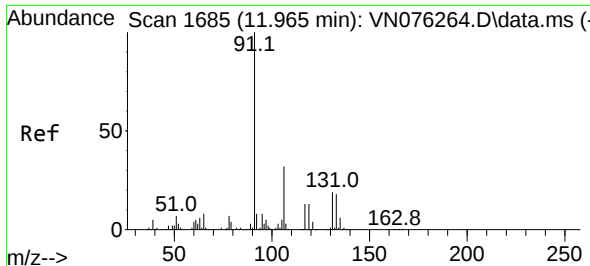
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.823 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

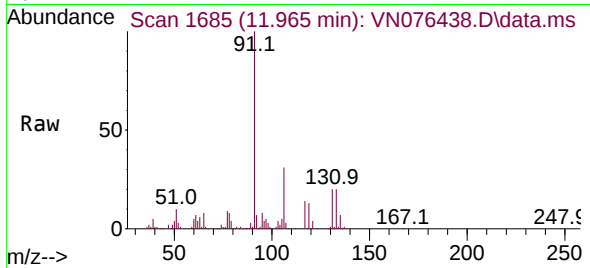
Tgt Ion:131 Resp: 81384
Ion Ratio Lower Upper
131 100
133 93.7 47.4 142.2
119 64.4 32.3 96.8





#67
Ethyl Benzene
Concen: 19.827 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

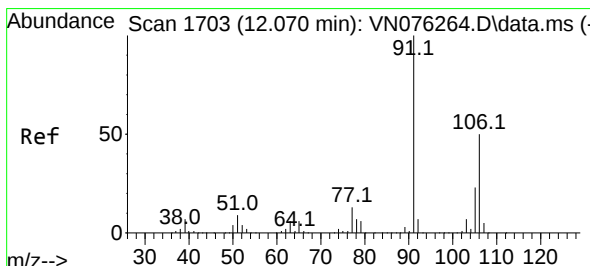
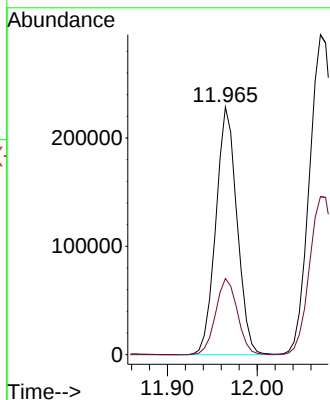
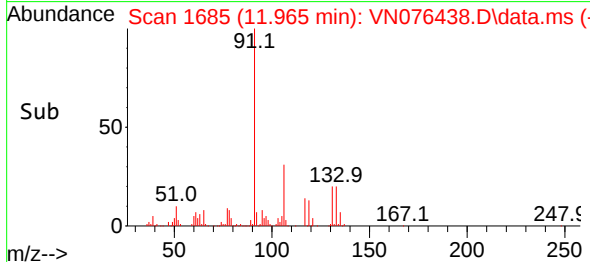
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD02



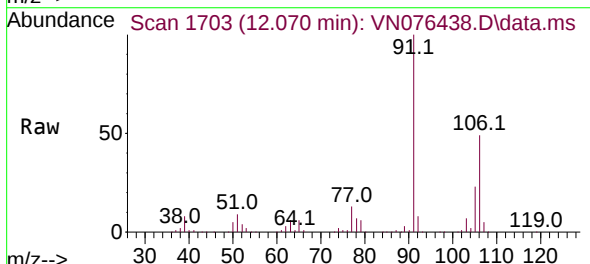
Tgt Ion: 91 Resp: 37444
Ion Ratio Lower Upper
91 100
106 30.8 25.5 38.3

Manual Integrations
APPROVED

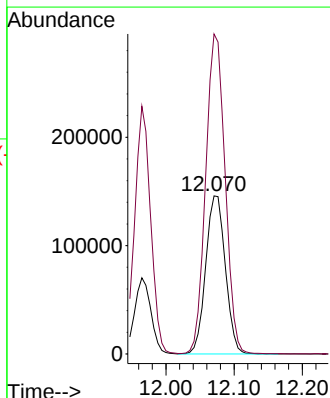
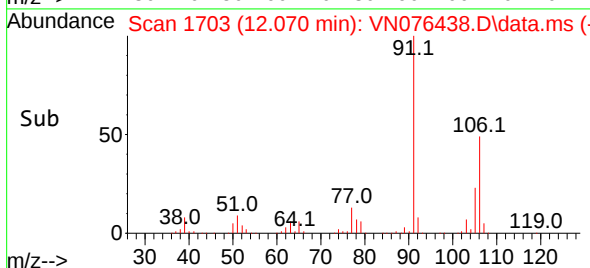
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023

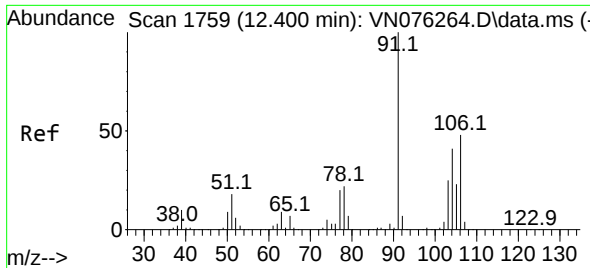


#68
m/p-Xylenes
Concen: 38.557 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35



Tgt Ion:106 Resp: 291983
Ion Ratio Lower Upper
106 100
91 200.9 157.5 236.3





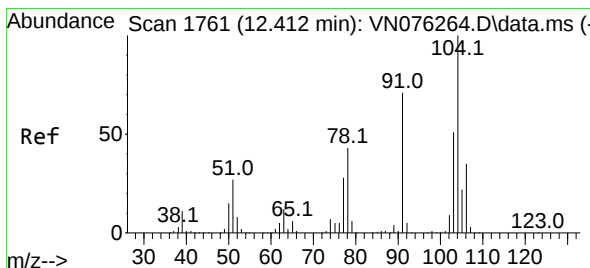
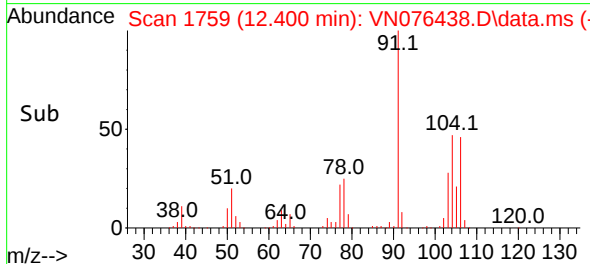
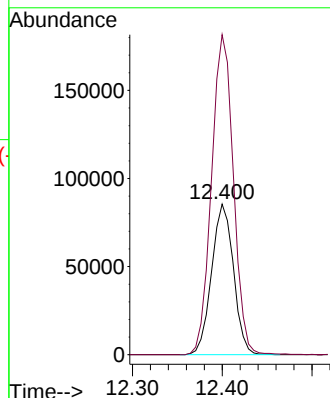
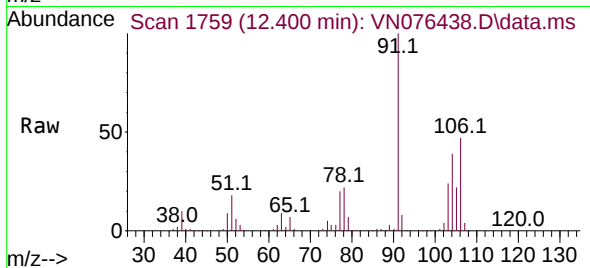
#69
o-Xylene
Concen: 19.442 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD02

Tgt Ion:106 Resp: 144589
Ion Ratio Lower Upper
106 100
91 212.9 103.2 309.4

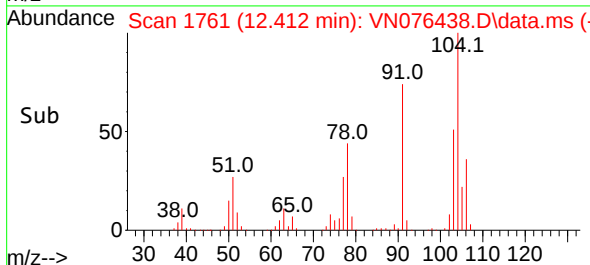
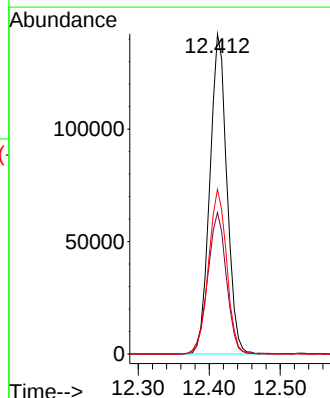
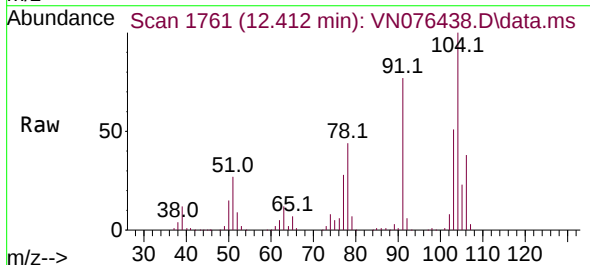
Manual Integrations
APPROVED

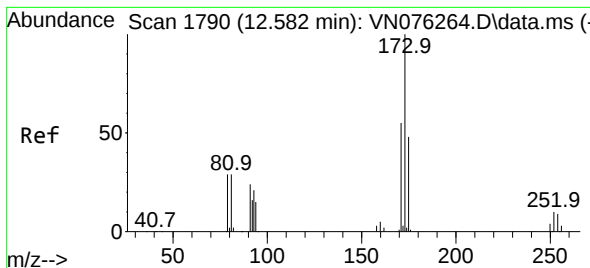
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#70
Styrene
Concen: 19.992 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

Tgt Ion:104 Resp: 237394
Ion Ratio Lower Upper
104 100
78 48.1 37.4 56.0
103 54.5 44.2 66.2





#71

Bromoform

Concen: 20.364 ug/l

RT: 12.582 min Scan# 1790

Delta R.T. 0.000 min

Lab File: VN076438.D

Acq: 27 Jan 2023 14:35

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBSD02

Tgt Ion:173 Resp: 60378

Ion Ratio Lower Upper

173 100

175 48.5 24.1 72.4

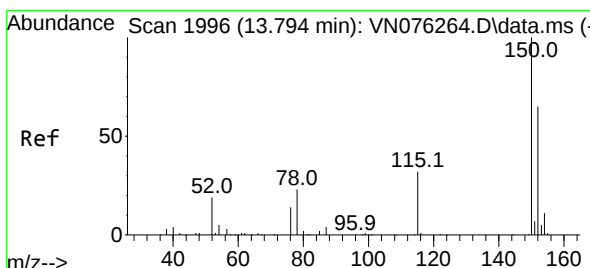
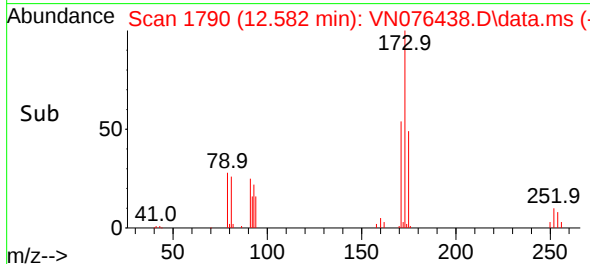
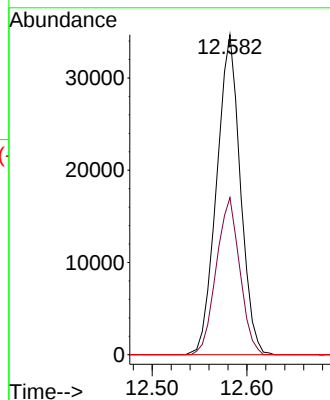
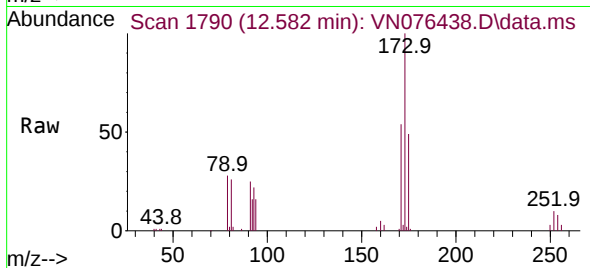
254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076438.D

Acq: 27 Jan 2023 14:35

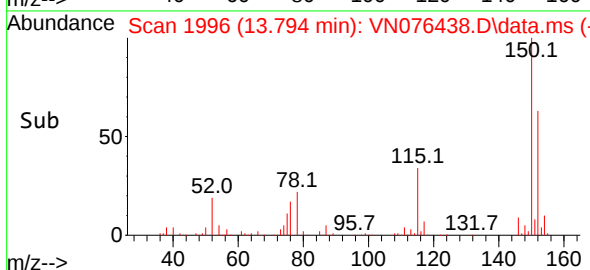
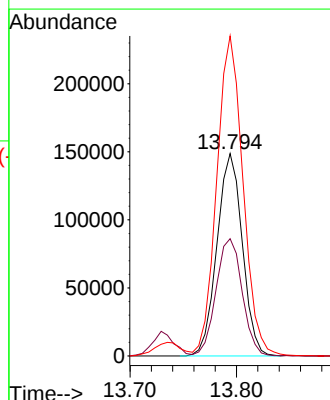
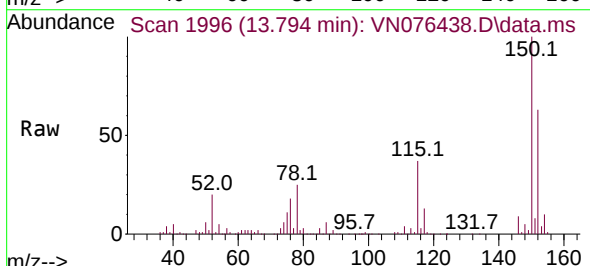
Tgt Ion:152 Resp: 245587

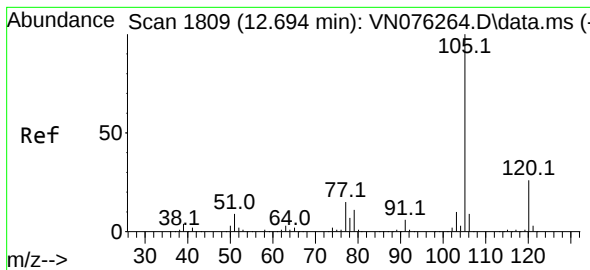
Ion Ratio Lower Upper

152 100

115 59.7 29.6 88.9

150 163.7 0.0 351.4





#73

Isopropylbenzene

Concen: 20.008 ug/l

RT: 12.700 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN076438.D

Acq: 27 Jan 2023 14:35

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBSD02

Tgt Ion:105 Resp: 380129

Ion Ratio Lower Upper

105 100

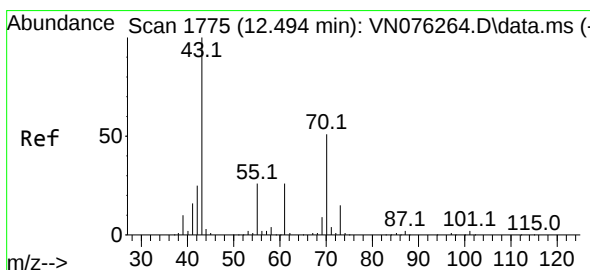
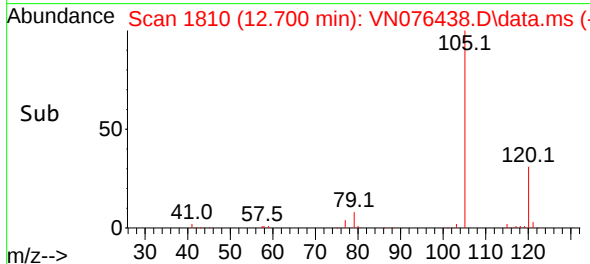
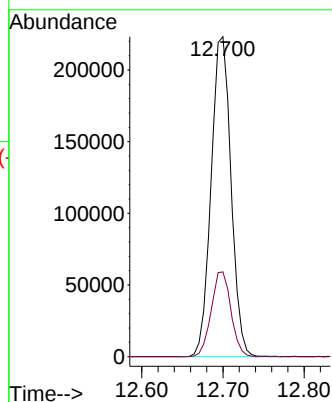
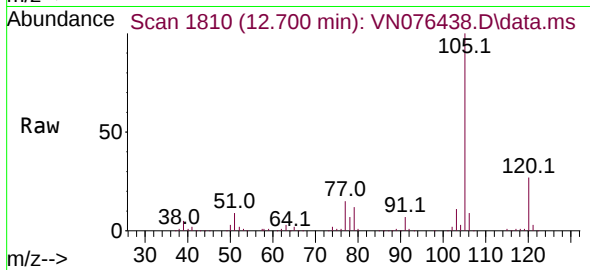
120 26.3 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#74

N-ethyl acetate

Concen: 20.282 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN076438.D

Acq: 27 Jan 2023 14:35

Tgt Ion: 43 Resp: 110838

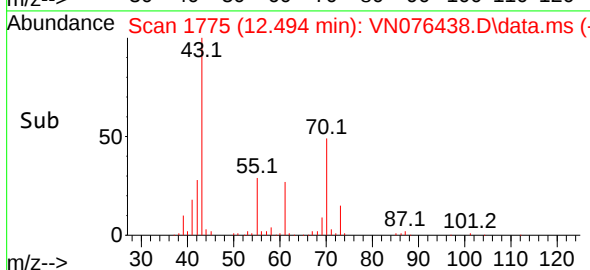
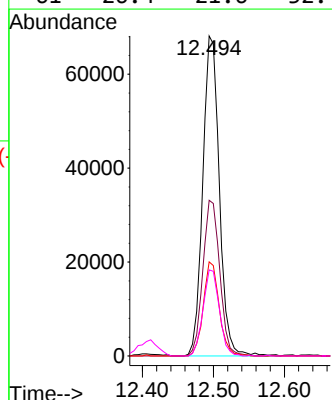
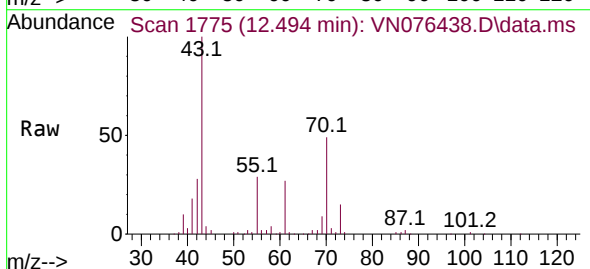
Ion Ratio Lower Upper

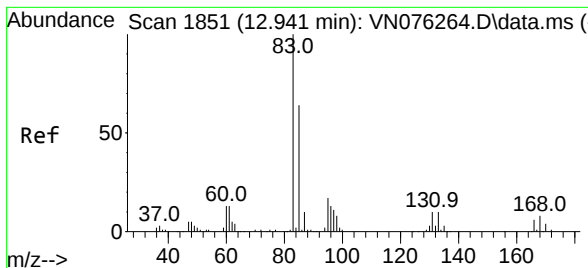
43 100

70 49.6 41.2 61.8

55 28.2 21.0 31.6

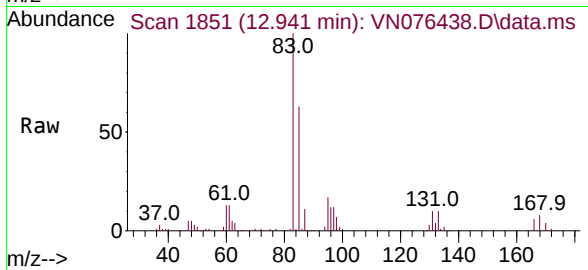
61 26.4 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 20.611 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

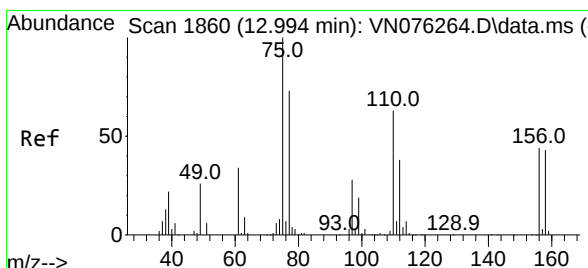
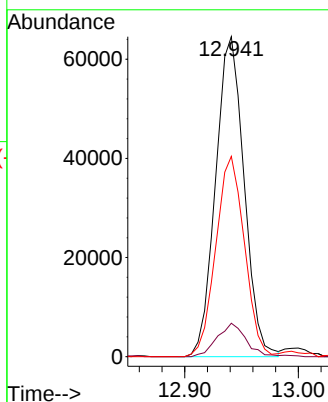
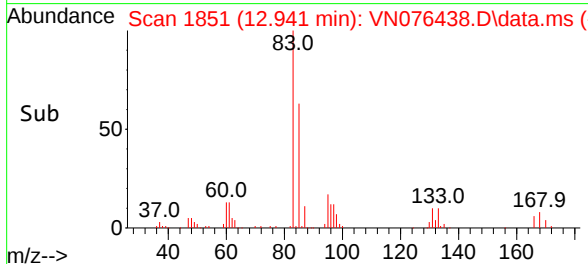
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD02



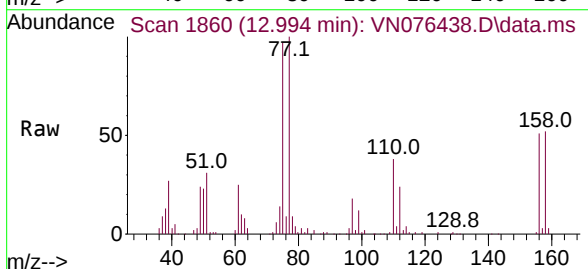
Tgt Ion: 83 Resp: 112570
Ion Ratio Lower Upper
83 100
131 10.7 5.5 16.4
85 63.0 31.7 95.1

Manual Integrations
APPROVED

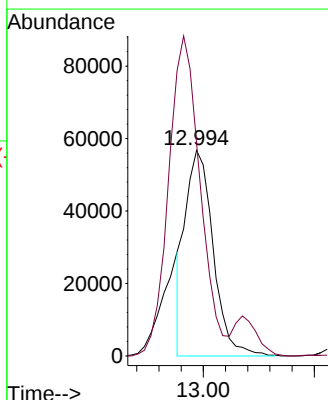
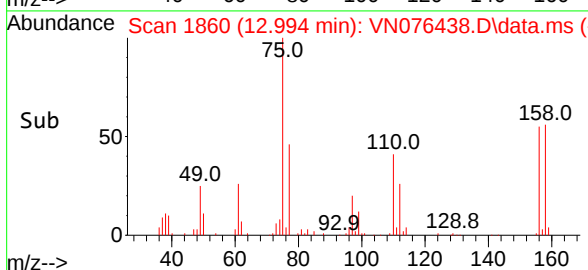
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023

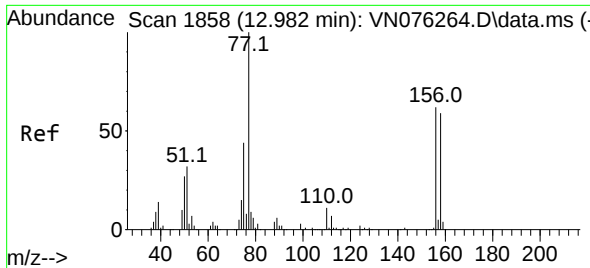


#76
1,2,3-Trichloropropane
Concen: 21.544 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35



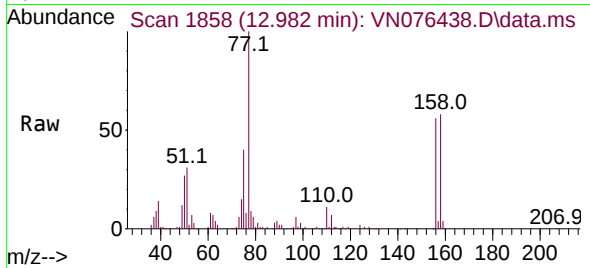
Tgt Ion: 75 Resp: 98800
Ion Ratio Lower Upper
75 100
77 177.2 75.2 225.6





#77
Bromobenzene
Concen: 19.507 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

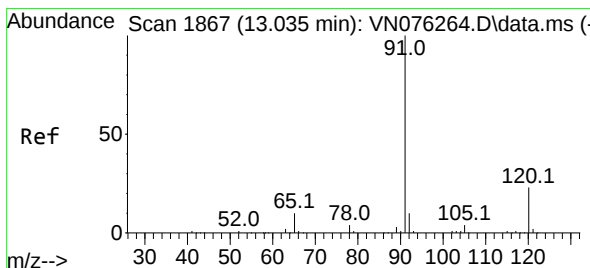
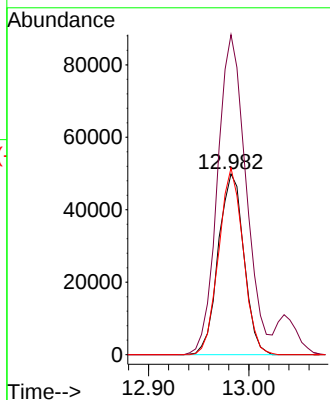
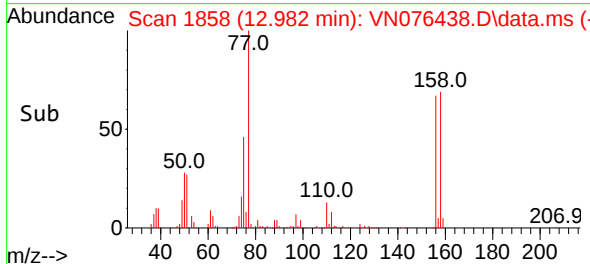
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD02



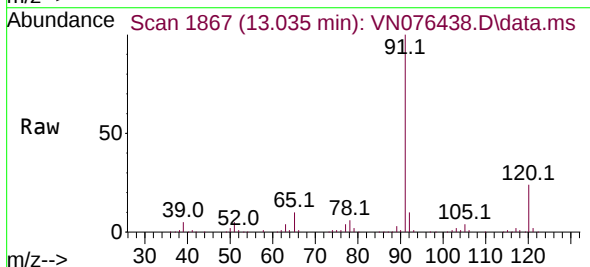
Tgt Ion:156 Resp: 88169
Ion Ratio Lower Upper
156 100
77 198.6 93.4 280.2
158 99.3 48.4 145.2

Manual Integrations
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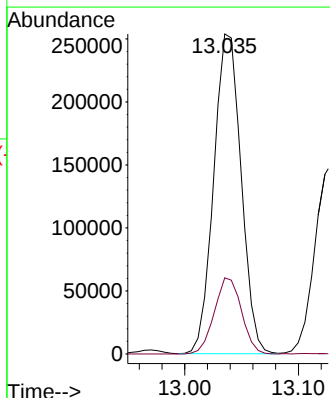
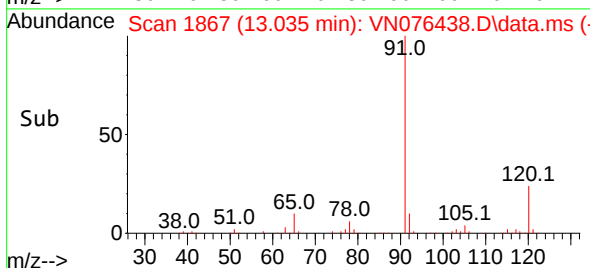
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023

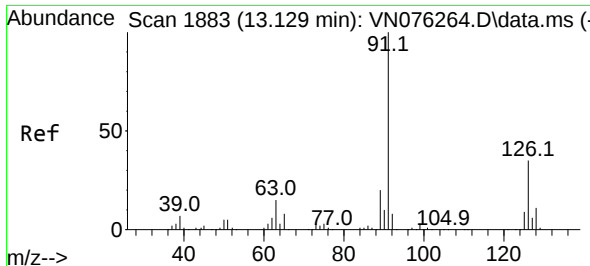


#78
n-propylbenzene
Concen: 19.848 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35



Tgt Ion: 91 Resp: 425488
Ion Ratio Lower Upper
91 100
120 23.5 11.9 35.5





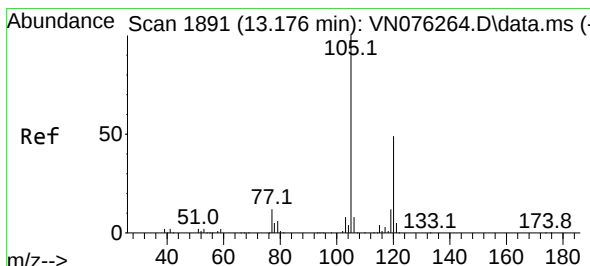
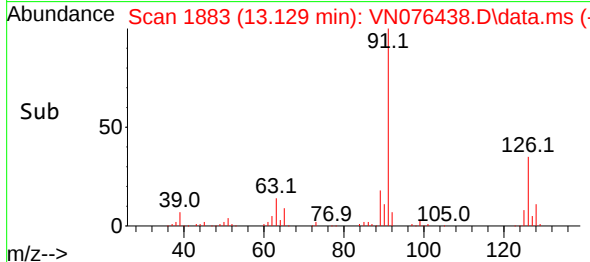
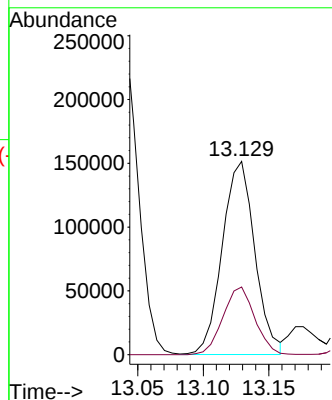
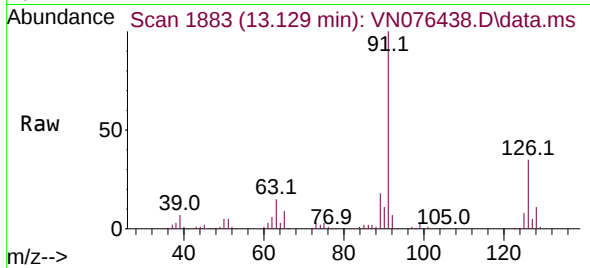
#79
2-Chlorotoluene
Concen: 19.881 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD02

Tgt Ion: 91 Resp: 261519
Ion Ratio Lower Upper
91 100
126 34.4 17.4 52.2

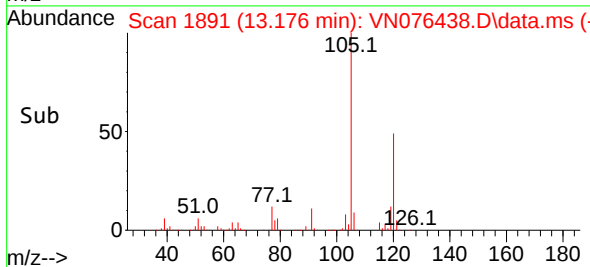
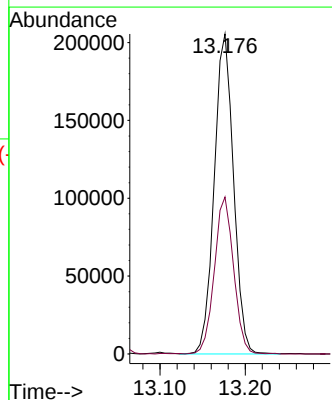
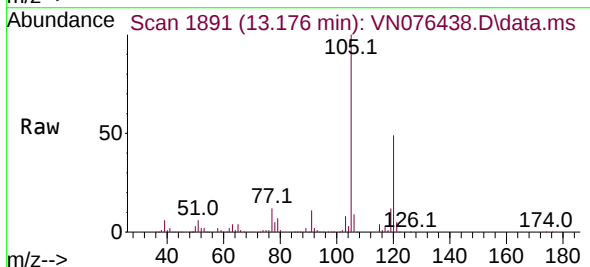
Manual Integrations
APPROVED

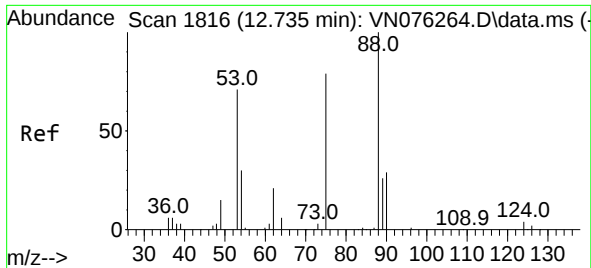
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#80
1,3,5-Trimethylbenzene
Concen: 20.328 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

Tgt Ion:105 Resp: 323540
Ion Ratio Lower Upper
105 100
120 48.8 25.0 75.0





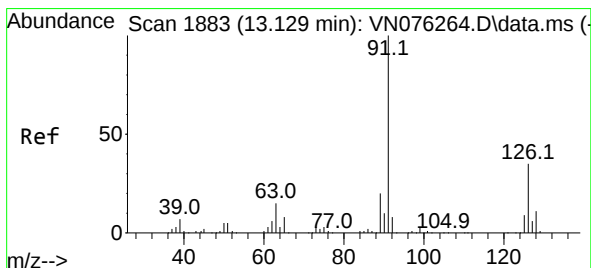
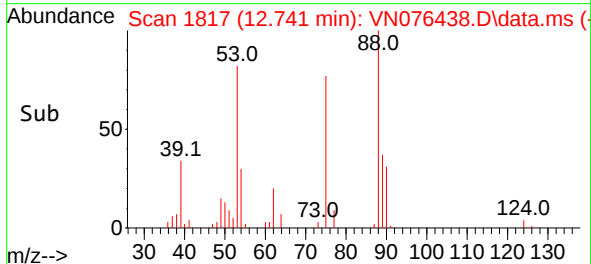
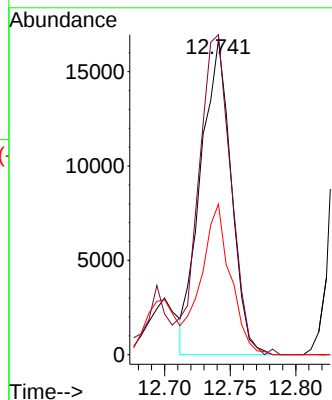
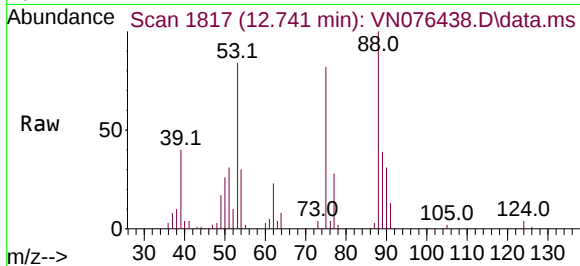
#81
trans-1,4-Dichloro-2-butene
Concen: 18.334 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD02

Tgt Ion: 75 Resp: 2706
Ion Ratio Lower Upper
75 100
53 107.7 75.8 113.8
89 46.1 37.0 55.6

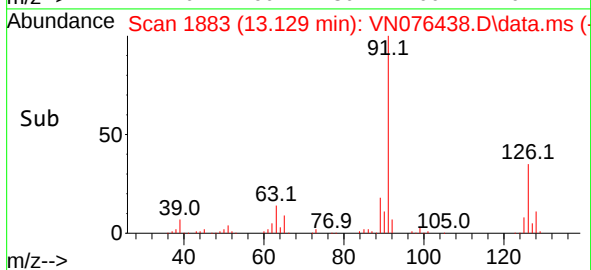
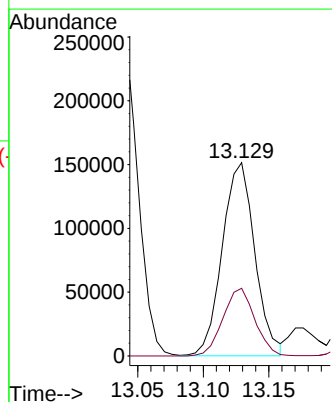
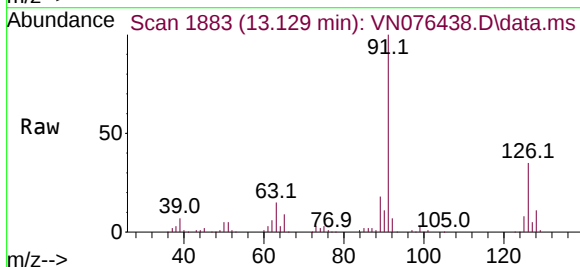
Manual Integrations
APPROVED

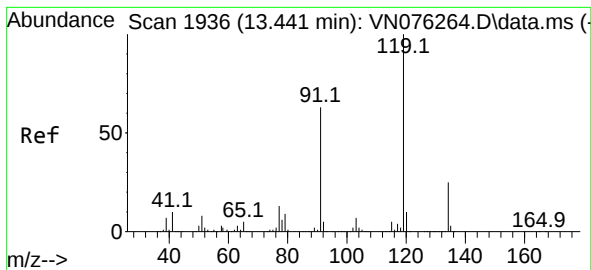
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#82
4-Chlorotoluene
Concen: 19.881 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

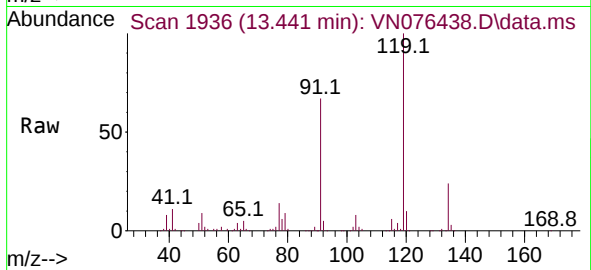
Tgt Ion: 91 Resp: 261519
Ion Ratio Lower Upper
91 100
126 34.4 17.4 52.2





#83
tert-Butylbenzene
Concen: 19.969 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

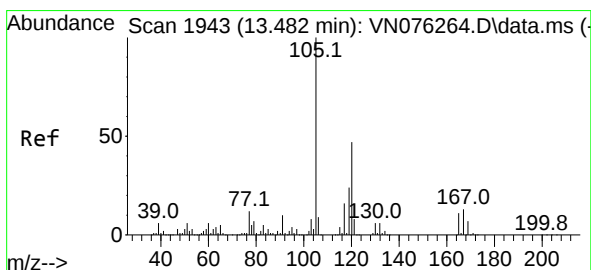
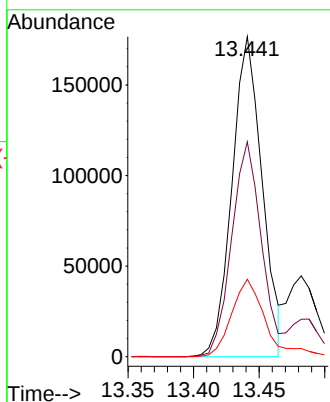
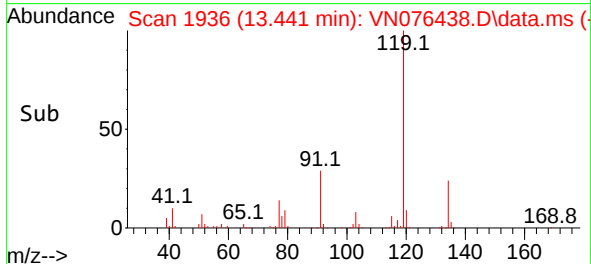
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD02



Tgt Ion:119 Resp: 282679
Ion Ratio Lower Upper
119 100
91 67.5 32.2 96.6
134 27.1 13.6 40.8

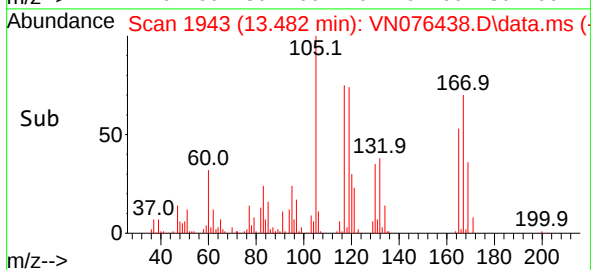
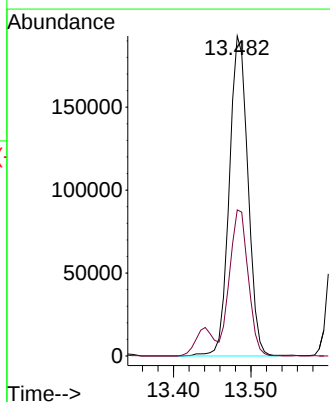
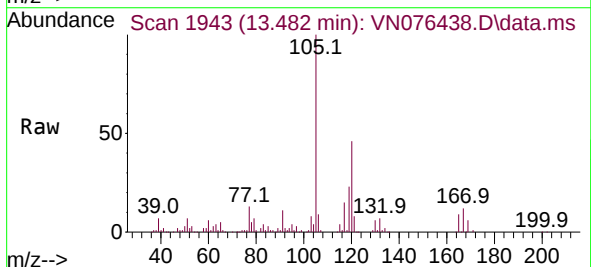
Manual Integrations
APPROVED

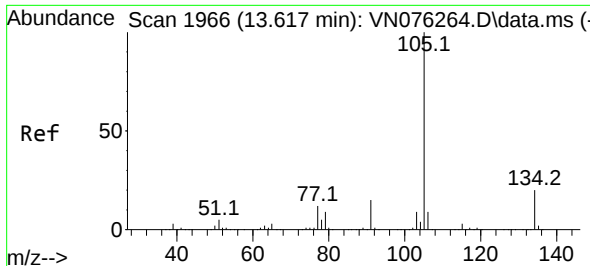
Reviewed By :John Carbone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#84
1,2,4-Trimethylbenzene
Concen: 20.224 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

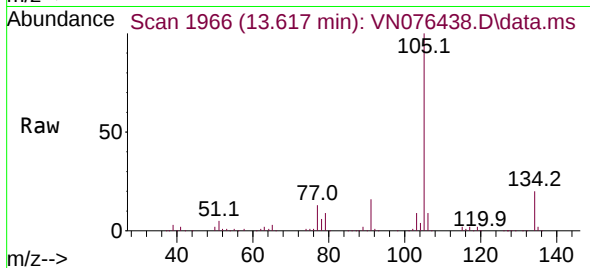
Tgt Ion:105 Resp: 322764
Ion Ratio Lower Upper
105 100
120 45.4 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 20.124 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076438.D
 Acq: 27 Jan 2023 14:35

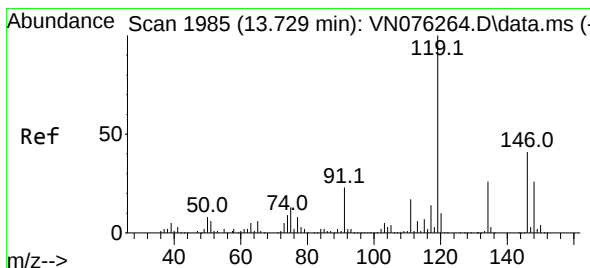
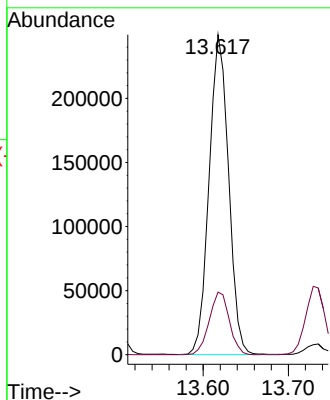
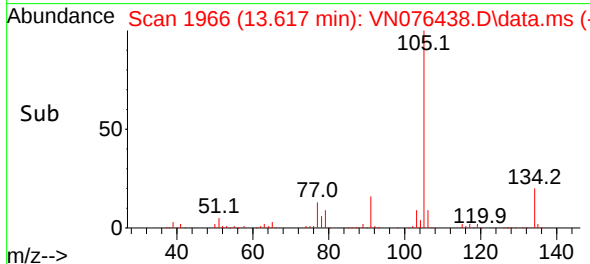
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0127WBSD02



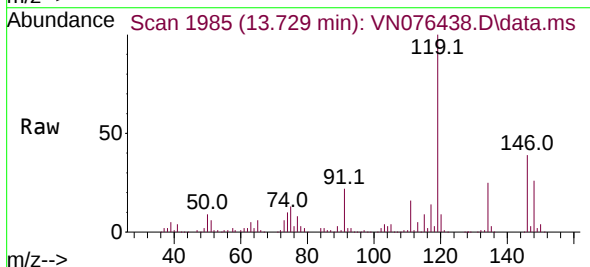
Tgt Ion:105 Resp: 395299
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.3 30.8

Manual Integrations
 APPROVED

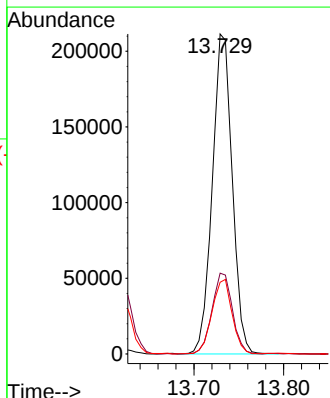
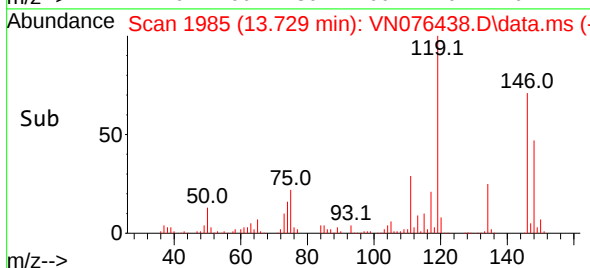
Reviewed By :John Carlone 01/30/2023
 Supervised By :Semsettin Yesilyurt 01/30/2023

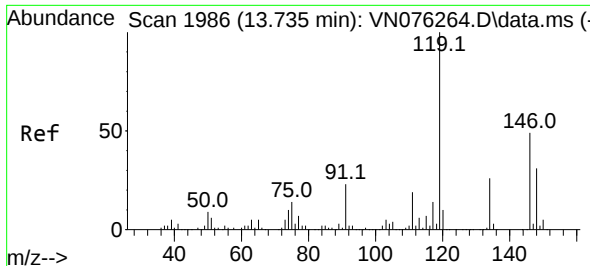


#86
 p-Isopropyltoluene
 Concen: 20.215 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076438.D
 Acq: 27 Jan 2023 14:35



Tgt Ion:119 Resp: 326521
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.6
 91 23.4 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 18.166 ug/l

RT: 13.735 min Scan# 1986

Delta R.T. 0.000 min

Lab File: VN076438.D

Acq: 27 Jan 2023 14:35

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBSD02

Tgt Ion:146 Resp: 16267

Ion Ratio Lower Upper

146 100

111 39.5 19.9 59.7

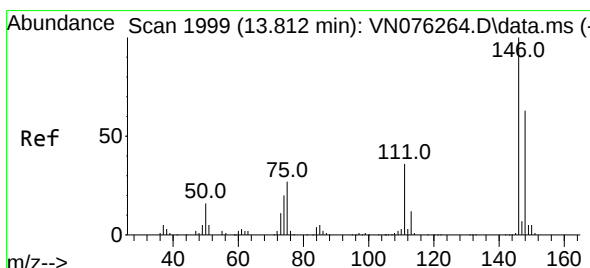
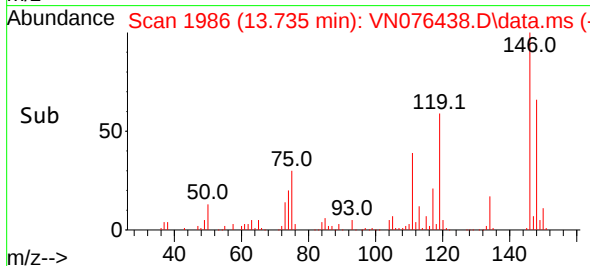
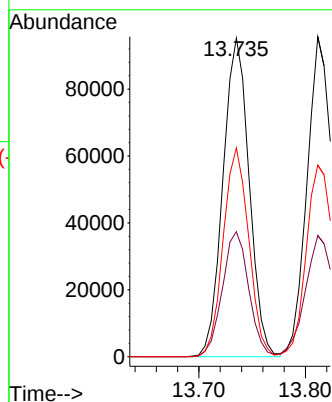
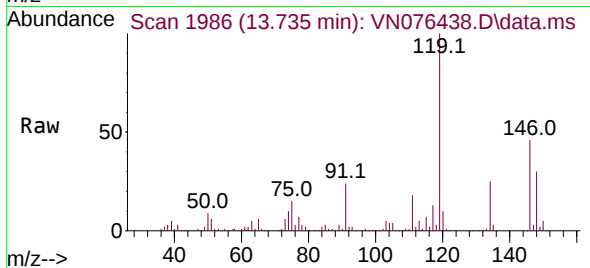
148 63.6 31.6 94.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#88

1,4-Dichlorobenzene

Concen: 18.724 ug/l

RT: 13.812 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN076438.D

Acq: 27 Jan 2023 14:35

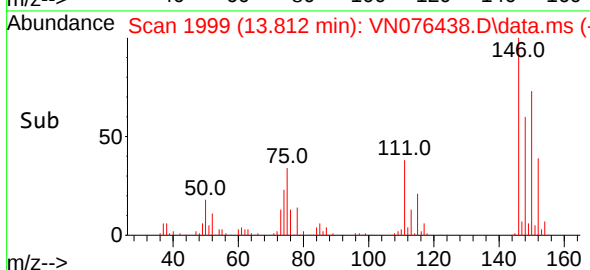
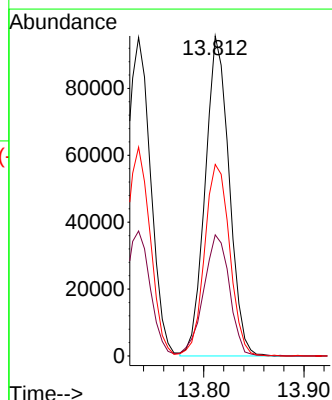
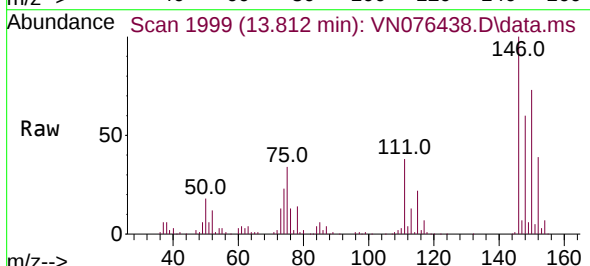
Tgt Ion:146 Resp: 158960

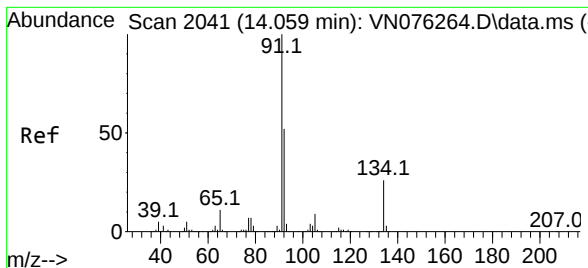
Ion Ratio Lower Upper

146 100

111 41.0 19.1 57.5

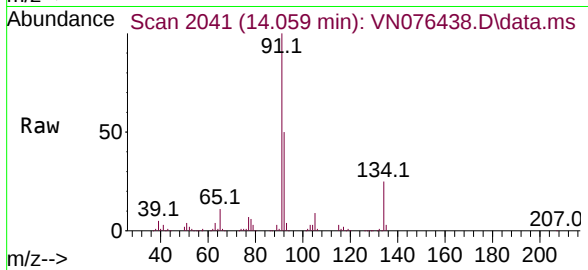
148 63.1 31.9 95.9





#89
n-Butylbenzene
Concen: 19.463 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

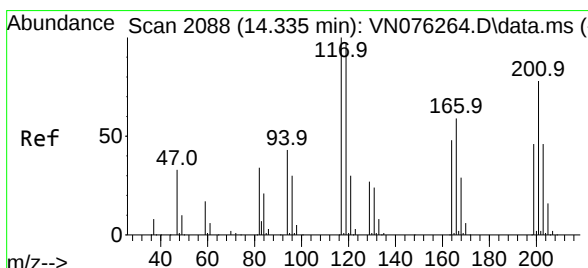
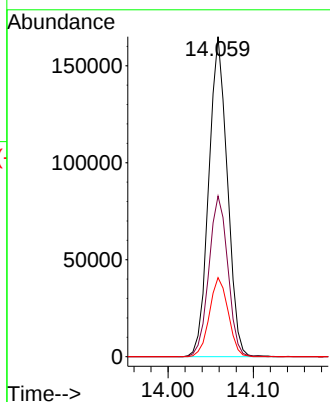
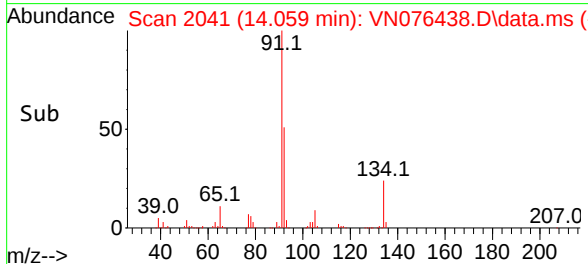
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD02



Tgt Ion: 91 Resp: 249560
Ion Ratio Lower Upper
91 100
92 51.3 26.3 78.9
134 25.0 13.2 39.5

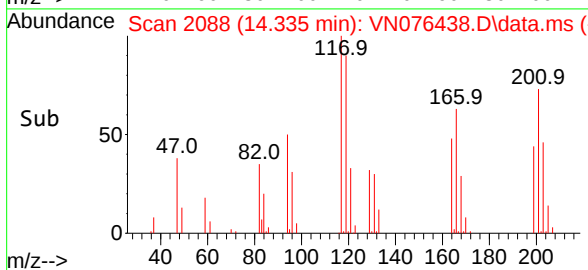
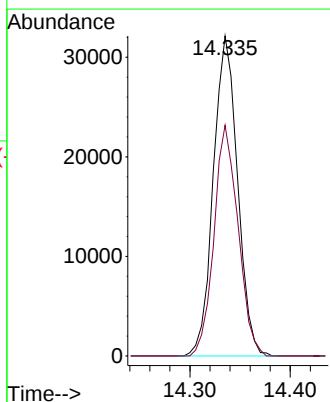
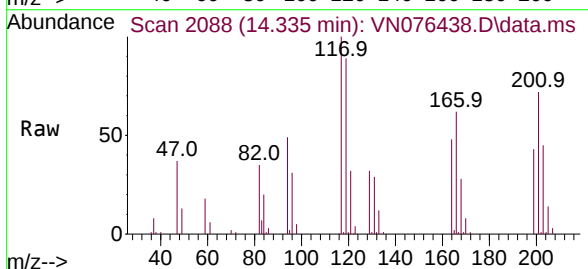
Manual Integrations
APPROVED

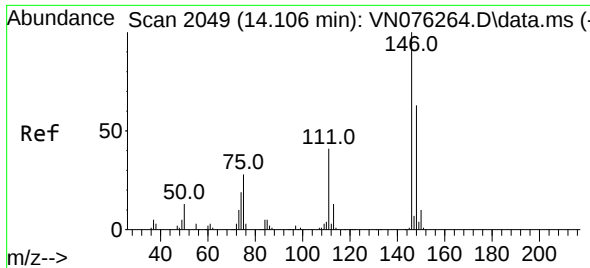
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#90
Hexachloroethane
Concen: 19.309 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

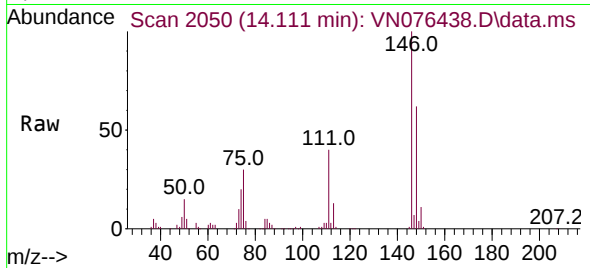
Tgt Ion:117 Resp: 53829
Ion Ratio Lower Upper
117 100
201 71.7 37.3 111.9





#91
1,2-Dichlorobenzene
Concen: 17.861 ug/l
RT: 14.111 min Scan# 2049
Delta R.T. 0.005 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

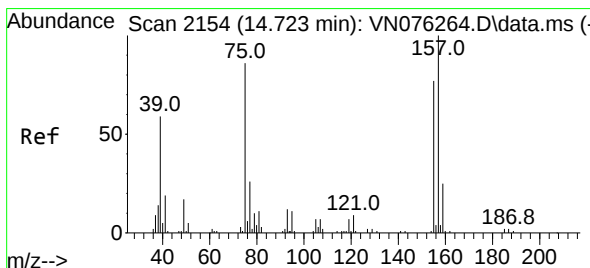
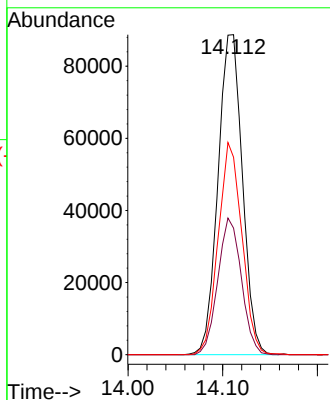
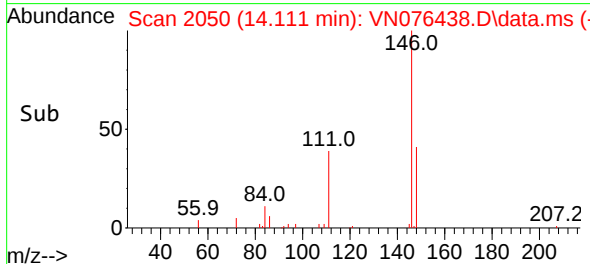
Instrument :
MSVOA_N
ClientSampleId :
VN0127WBSD02



Tgt Ion:146 Resp: 15929
Ion Ratio Lower Upper
146 100
111 41.1 20.3 60.8
148 64.4 31.8 95.4

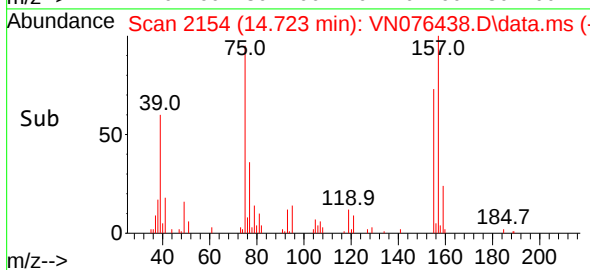
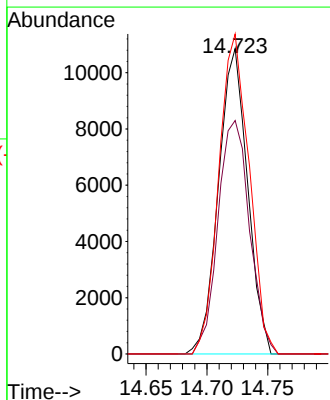
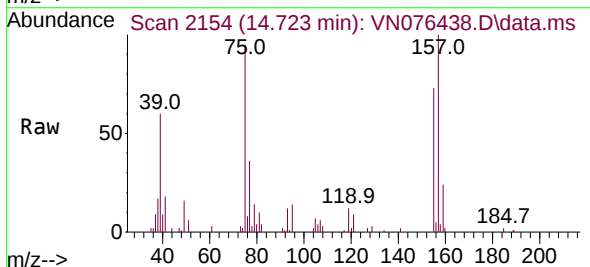
Manual Integrations
APPROVED

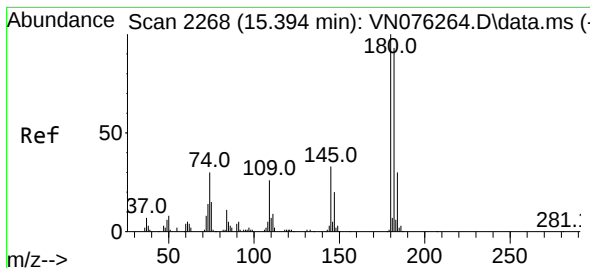
Reviewed By :John Carlone 01/30/2023
Supervised By :Semsettin Yesilyurt 01/30/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.016 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076438.D
Acq: 27 Jan 2023 14:35

Tgt Ion: 75 Resp: 18053
Ion Ratio Lower Upper
75 100
155 83.0 45.0 135.0
157 108.8 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 16.831 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076438.D

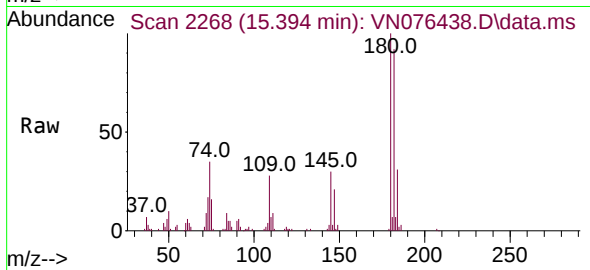
Acq: 27 Jan 2023 14:35

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBSD02



Tgt Ion:180 Resp: 6870

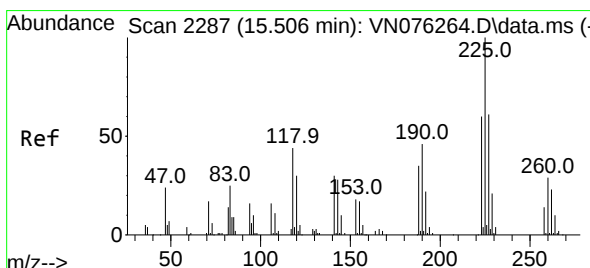
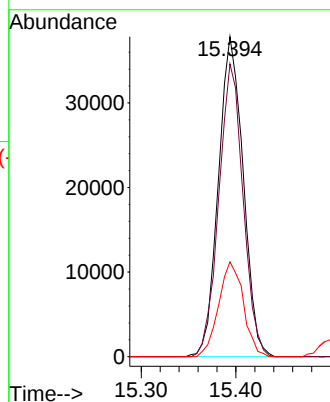
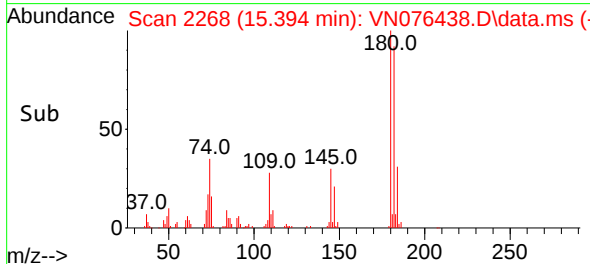
Ion	Ratio	Lower	Upper
180	100		
182	89.7	47.0	141.2
145	29.6	15.2	45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#94

Hexachlorobutadiene

Concen: 16.333 ug/l

RT: 15.506 min Scan# 2287

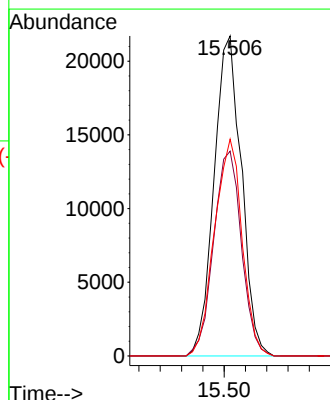
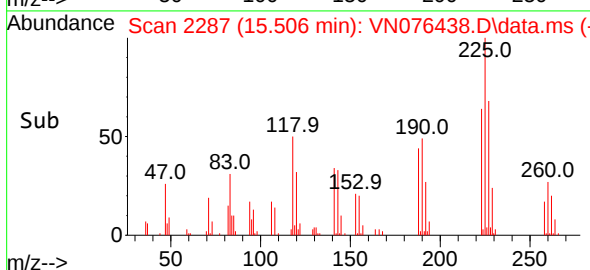
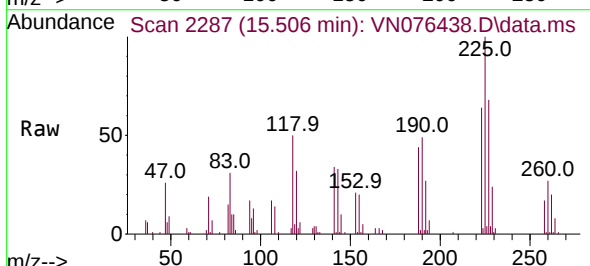
Delta R.T. -0.000 min

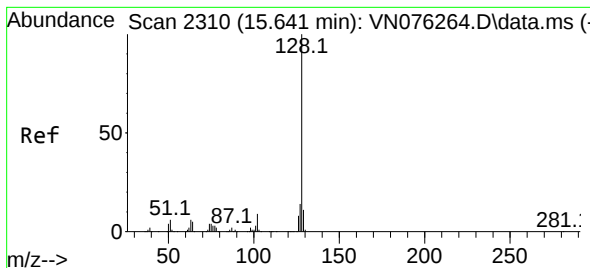
Lab File: VN076438.D

Acq: 27 Jan 2023 14:35

Tgt Ion:225 Resp: 38657

Ion	Ratio	Lower	Upper
225	100		
223	65.2	30.8	92.3
227	68.5	30.9	92.8





#95

Naphthalene

Concen: 16.004 ug/l

RT: 15.647 min Scan# 2311

Delta R.T. 0.006 min

Lab File: VN076438.D

Acq: 27 Jan 2023 14:35

Instrument :

MSVOA_N

ClientSampleId :

VN0127WBSD02

Tgt Ion:128 Resp: 187649

Ion Ratio Lower Upper

128 100

127 12.3 10.3 15.5

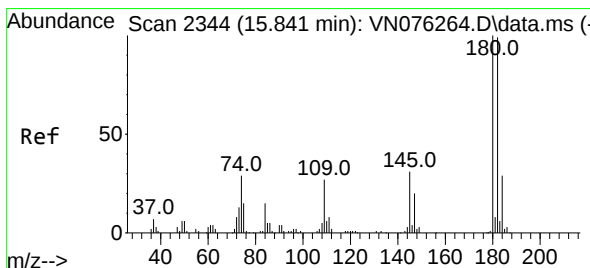
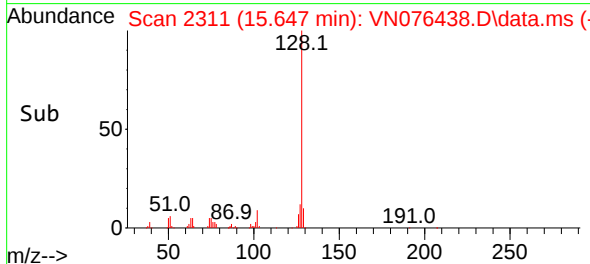
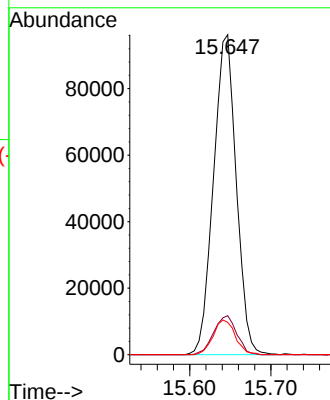
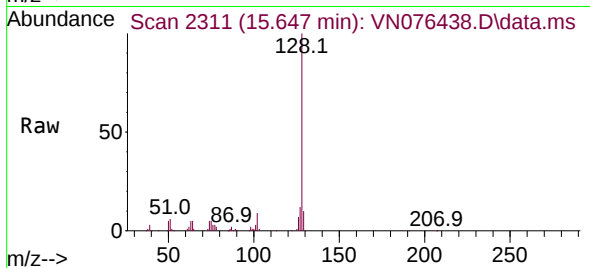
129 10.6 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/30/2023

Supervised By :Semsettin Yesilyurt 01/30/2023



#96

1,2,3-Trichlorobenzene

Concen: 17.024 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.000 min

Lab File: VN076438.D

Acq: 27 Jan 2023 14:35

Tgt Ion:180 Resp: 66734

Ion Ratio Lower Upper

180 100

182 92.0 47.5 142.5

145 32.5 15.9 47.6

