

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102323\
 Data File : VN079653.D
 Acq On : 23 Oct 2023 17:10
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Oct 23 23:53:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/24/2023
 Supervised By : Semsettin Yesilyurt 10/24/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	247186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	426447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	398106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	182844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	199864	49.867	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.740%		
35) Dibromofluoromethane	8.171	113	159512	52.050	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.100%		
50) Toluene-d8	10.570	98	582456	52.527	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.060%		
62) 4-Bromofluorobenzene	12.853	95	196872	55.323	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	110.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	161543	45.607	ug/l	100
3) Chloromethane	2.365	50	183516	41.523	ug/l	99
4) Vinyl Chloride	2.518	62	204272	44.435	ug/l	97
5) Bromomethane	2.941	94	105496	38.334	ug/l	99
6) Chloroethane	3.118	64	133608	38.550	ug/l	97
7) Trichlorofluoromethane	3.500	101	300500	55.363	ug/l	98
8) Diethyl Ether	3.965	74	92106	47.599	ug/l	60
9) 1,1,2-Trichlorotrifluo...	4.377	101	149708	47.198	ug/l	99
10) Methyl Iodide	4.588	142	162581	59.069	ug/l	99
11) Tert butyl alcohol	5.524	59	115613	191.659	ug/l	99
12) 1,1-Dichloroethene	4.341	96	137377	47.039	ug/l	84
13) Acrolein	4.183	56	163130	271.591	ug/l	98
14) Allyl chloride	5.035	41	214307	45.471	ug/l	90
15) Acrylonitrile	5.724	53	413257	236.302	ug/l	99
16) Acetone	4.430	43	396335	249.318	ug/l	90
17) Carbon Disulfide	4.718	76	362149	39.753	ug/l	100
18) Methyl Acetate	5.024	43	342826	44.061	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	481235	50.713	ug/l	93
20) Methylene Chloride	5.277	84	168186	48.293	ug/l #	85
21) trans-1,2-Dichloroethene	5.788	96	153458	44.988	ug/l #	78
22) Diisopropyl ether	6.677	45	539177	51.018	ug/l #	92
23) Vinyl Acetate	6.606	43	1510326	254.065	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	311524	48.164	ug/l	97
25) 2-Butanone	7.488	43	565215	239.556	ug/l #	79
26) 2,2-Dichloropropane	7.494	77	259184	52.435	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	182155	49.155	ug/l	86
28) Bromochloromethane	7.818	49	155257	50.450	ug/l #	74
29) Tetrahydrofuran	7.841	42	360622	236.327	ug/l #	75
30) Chloroform	7.971	83	319419	48.878	ug/l	91
31) Cyclohexane	8.259	56	242906	42.727	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	269609	49.023	ug/l	94
36) 1,1-Dichloropropene	8.376	75	230153	50.038	ug/l	95
37) Ethyl Acetate	7.565	43	228226	49.867	ug/l #	90
38) Carbon Tetrachloride	8.365	117	233865	50.789	ug/l	96
39) Methylcyclohexane	9.606	83	225648	51.063	ug/l #	86
40) Benzene	8.612	78	695901	50.945	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	114834	47.726	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	253764	51.126	ug/l	96
43) Isopropyl Acetate	8.694	43	415203	51.783	ug/l #	87
44) Trichloroethene	9.359	130	159380	49.573	ug/l	98
45) 1,2-Dichloropropane	9.623	63	188479	52.369	ug/l	98
46) Dibromomethane	9.712	93	121818	52.261	ug/l	96
47) Bromodichloromethane	9.894	83	251945	52.545	ug/l	97
48) Methyl methacrylate	9.682	41	176381	51.334	ug/l #	82
49) 1,4-Dioxane	9.700	88	55462	876.335	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	1164679	257.316	ug/l	89
52) Toluene	10.635	92	426371	53.027	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	261334	54.084	ug/l	98
54) cis-1,3-Dichloropropene	10.317	75	286543	54.171	ug/l #	89
55) 1,1,2-Trichloroethane	11.023	97	169890	52.629	ug/l	97
56) Ethyl methacrylate	10.876	69	248515	56.025	ug/l #	82
57) 1,3-Dichloropropane	11.164	76	298825	53.610	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	501450	295.188	ug/l	90
59) 2-Hexanone	11.200	43	850577	260.419	ug/l	88
60) Dibromochloromethane	11.364	129	178589	55.047	ug/l	100
61) 1,2-Dibromoethane	11.470	107	164797	51.442	ug/l	97
64) Tetrachloroethene	11.106	164	127489	46.552	ug/l	98
65) Chlorobenzene	11.894	112	435117	49.078	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	167459	51.586	ug/l	97
67) Ethyl Benzene	11.964	91	811573	52.666	ug/l	95
68) m/p-Xylenes	12.076	106	608931	108.755	ug/l	94
69) o-Xylene	12.400	106	289684	52.608	ug/l	90
70) Styrene	12.417	104	492381	56.610	ug/l	98
71) Bromoform	12.582	173	121781	51.258	ug/l #	98
73) Isopropylbenzene	12.700	105	747910	43.968	ug/l	100
74) N-amyl acetate	12.500	43	308407	44.225	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	252392	45.869	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	224153m	42.519	ug/l	
77) Bromobenzene	12.982	156	177616	42.584	ug/l	96
78) n-propylbenzene	13.041	91	904535	46.999	ug/l	97
79) 2-Chlorotoluene	13.129	91	538480	43.724	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	631718	47.095	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	75339	41.465	ug/l #	85
82) 4-Chlorotoluene	13.223	91	524821	44.784	ug/l	99
83) tert-Butylbenzene	13.441	119	497768	45.294	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	623292	48.691	ug/l	99
85) sec-Butylbenzene	13.617	105	718709	46.886	ug/l	99
86) p-Isopropyltoluene	13.735	119	579950	49.317	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	310375	46.917	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	298153	43.648	ug/l	98
89) n-Butylbenzene	14.058	91	474446	50.523	ug/l	97
90) Hexachloroethane	14.335	117	116141	48.619	ug/l	90
91) 1,2-Dichlorobenzene	14.111	146	298502	46.259	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	40069	40.736	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	94805	47.437	ug/l	96
94) Hexachlorobutadiene	15.505	225	67141	43.134	ug/l	99
95) Naphthalene	15.647	128	242259	39.696	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	101340	42.491	ug/l	98

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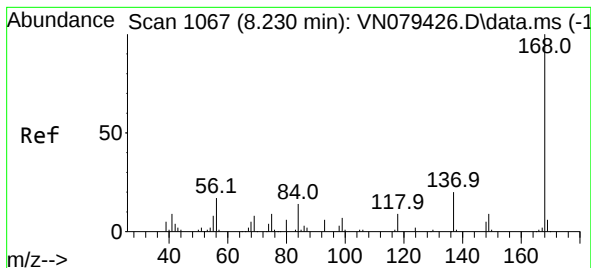
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

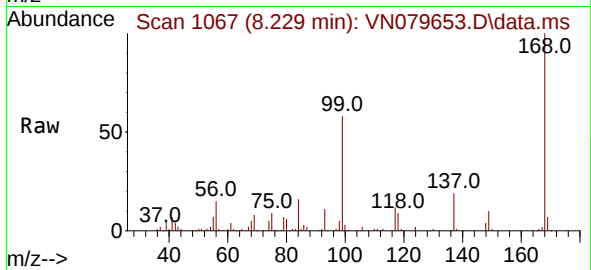
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079653.D
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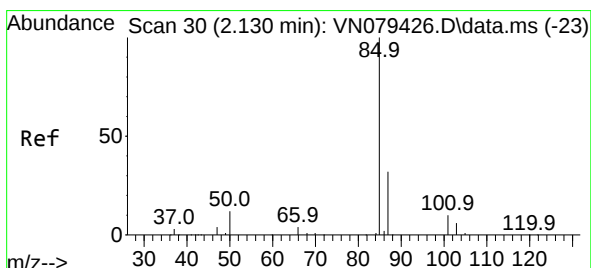
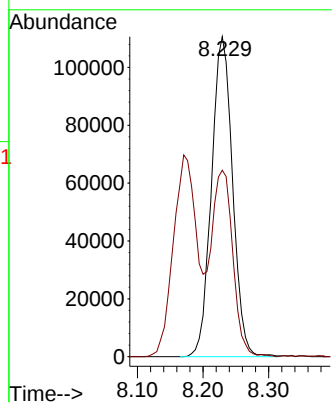
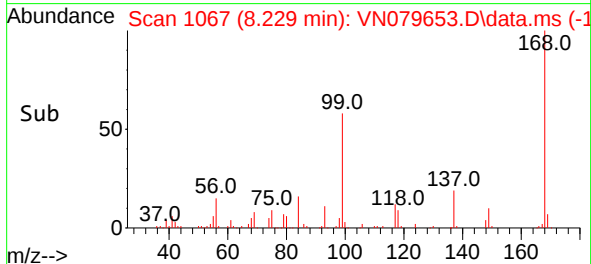
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 247180
Ion Ratio Lower Upper
168 100
99 58.1 53.0 79.6

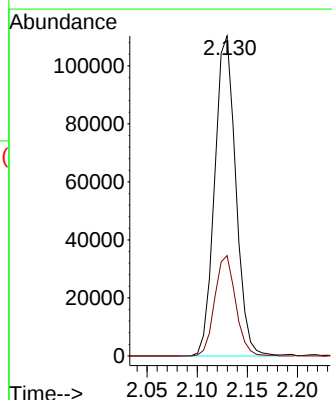
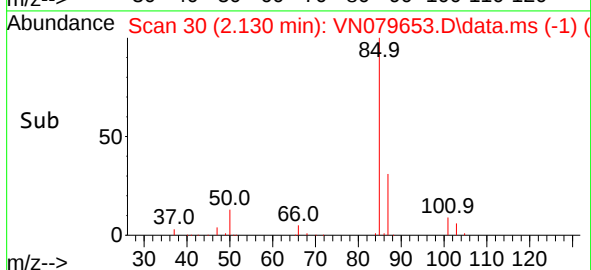
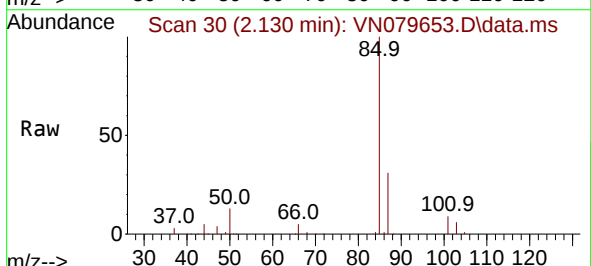
Manual Integrations
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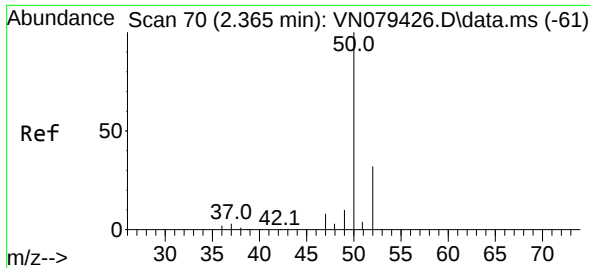
Reviewed By :John Carlone 10/24/2023
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#2
Dichlorodifluoromethane
Concen: 45.607 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

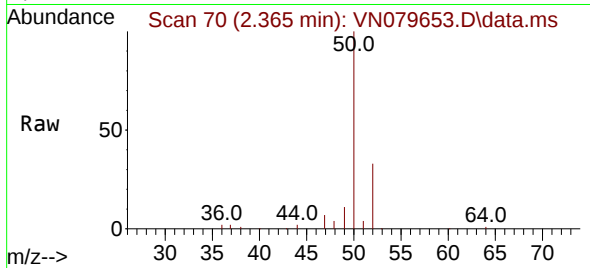
Tgt Ion: 85 Resp: 161543
Ion Ratio Lower Upper
85 100
87 31.4 15.8 47.4





#3
Chloromethane
Concen: 41.523 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

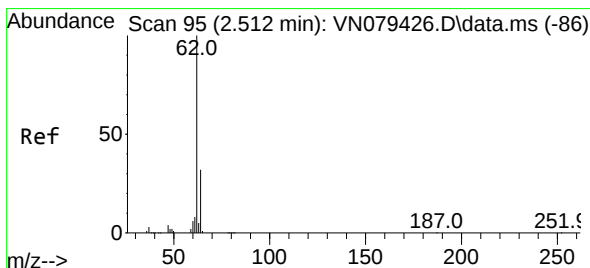
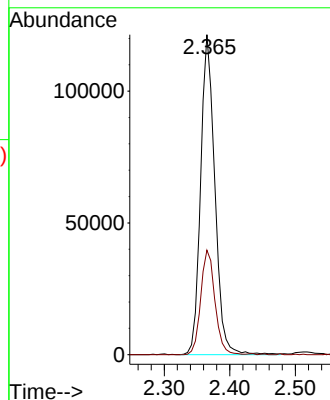
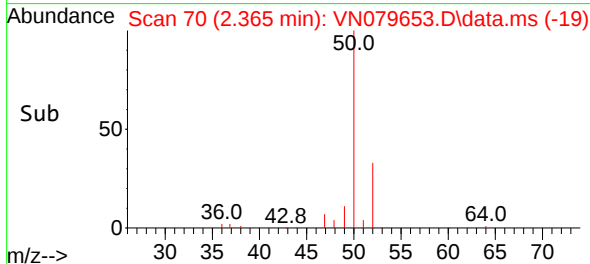
Instrument :
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ClientSampleId :
VSTDCCC050EC



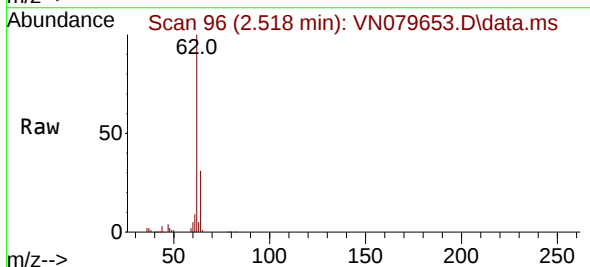
Tgt Ion: 50 Resp: 183510
Ion Ratio Lower Upper
50 100
52 32.7 26.5 39.7

Manual Integrations
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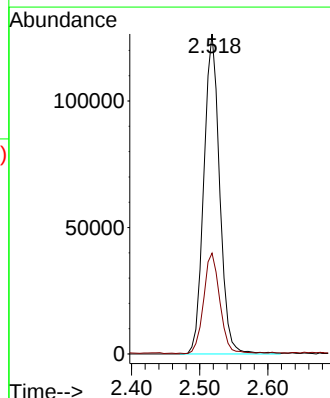
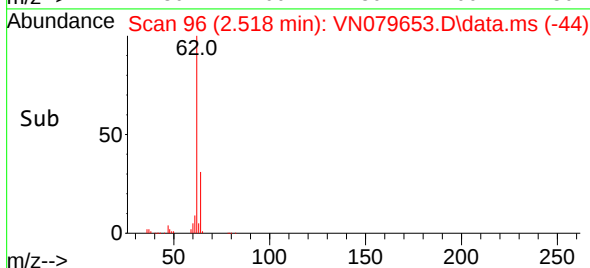
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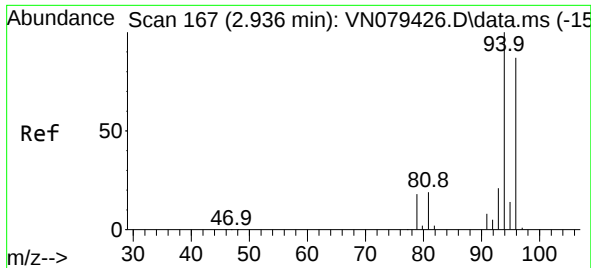


#4
Vinyl Chloride
Concen: 44.435 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10



Tgt Ion: 62 Resp: 204272
Ion Ratio Lower Upper
62 100
64 31.2 26.2 39.2





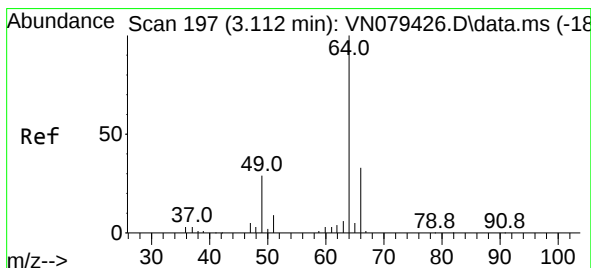
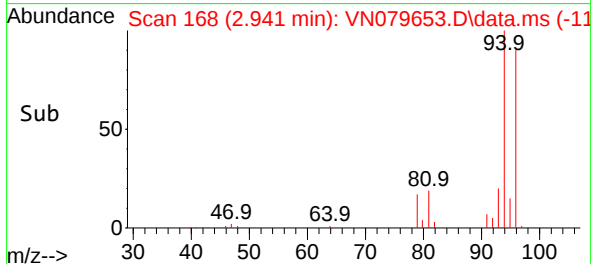
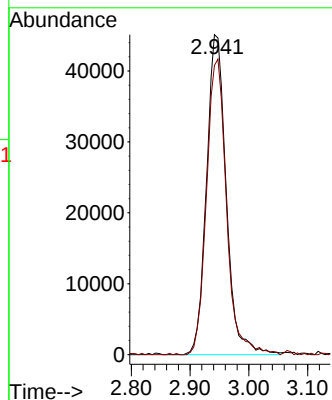
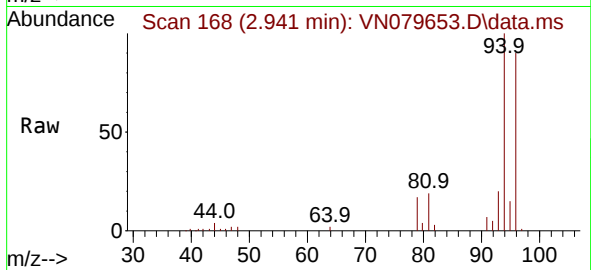
#5
Bromomethane
Concen: 38.334 ug/l
RT: 2.941 min Scan# 110
Delta R.T. 0.006 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

Instrument :
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ClientSampleId :
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Tgt Ion: 94 Resp: 105490
Ion Ratio Lower Upper
94 100
96 90.4 73.1 109.7

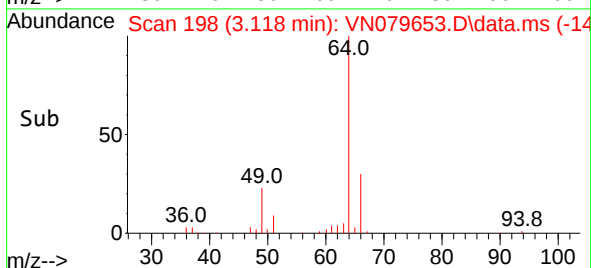
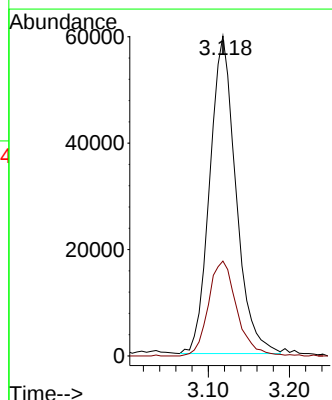
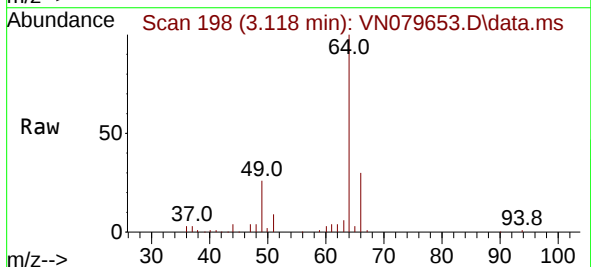
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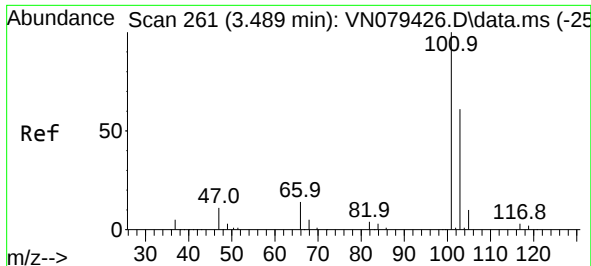
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#6
Chloroethane
Concen: 38.550 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

Tgt Ion: 64 Resp: 133608
Ion Ratio Lower Upper
64 100
66 29.9 25.4 38.2





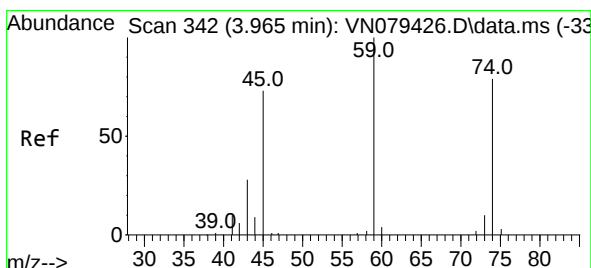
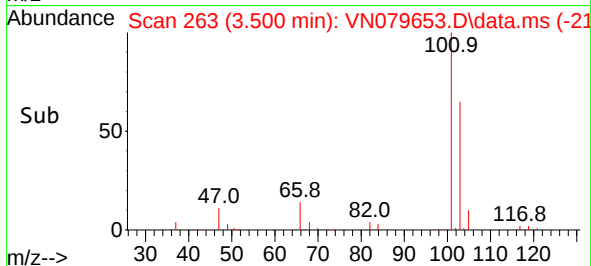
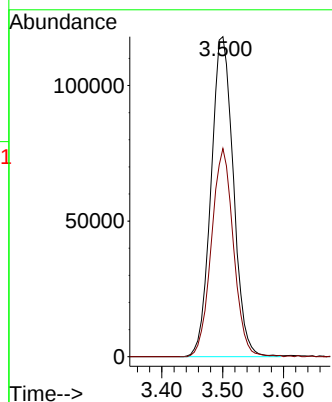
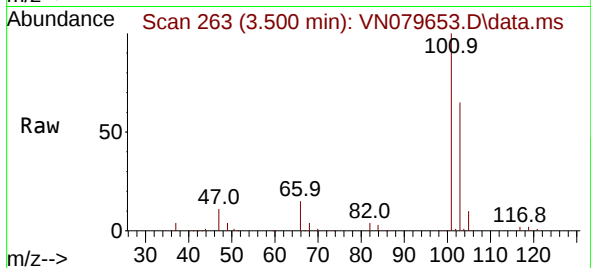
#7
Trichlorofluoromethane
Concen: 55.363 ug/l
RT: 3.500 min Scan# 261
Delta R.T. 0.012 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 300500
Ion Ratio Lower Upper
101 100
103 65.1 50.7 76.1

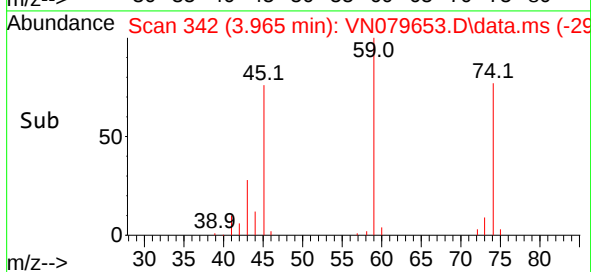
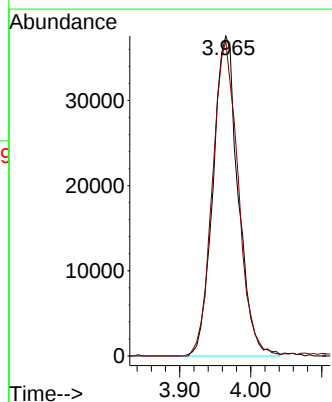
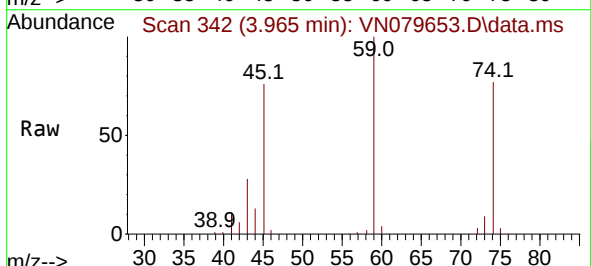
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#8
Diethyl Ether
Concen: 47.599 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

Tgt Ion: 74 Resp: 92106
Ion Ratio Lower Upper
74 100
45 101.1 34.4 103.3





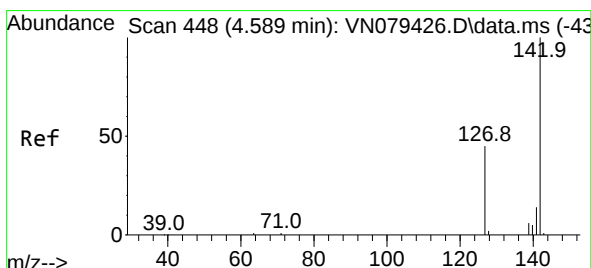
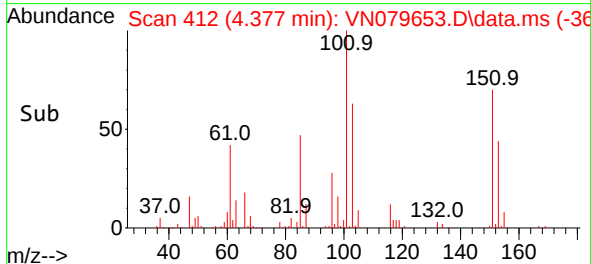
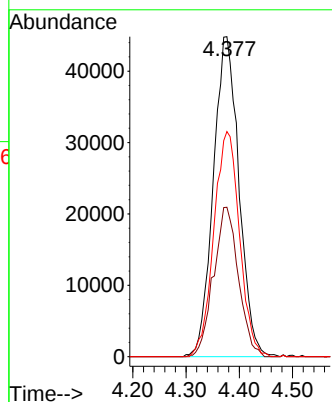
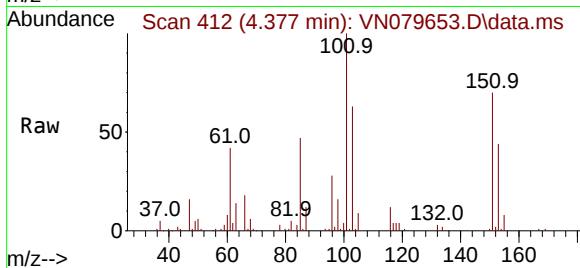
#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.198 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 149708
Ion Ratio Lower Upper
101 100
85 45.4 36.6 55.0
151 70.5 57.6 86.4

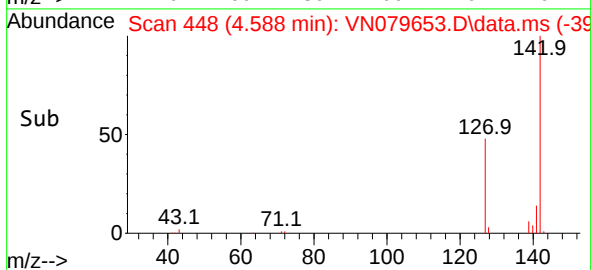
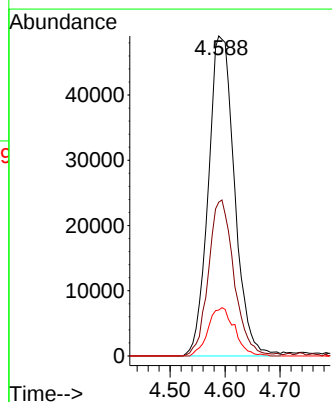
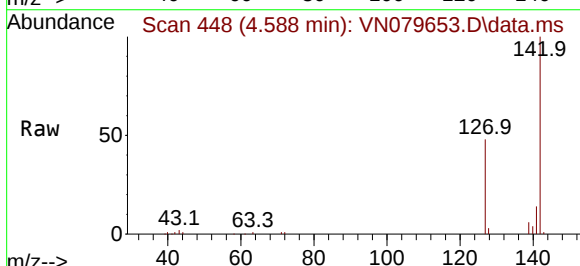
Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#10
Methyl Iodide
Concen: 59.069 ug/l
RT: 4.588 min Scan# 448
Delta R.T. -0.001 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

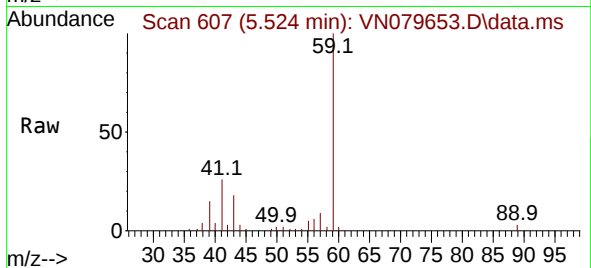
Tgt Ion:142 Resp: 162581
Ion Ratio Lower Upper
142 100
127 48.1 37.6 56.4
141 14.4 11.4 17.0





#11
Tert butyl alcohol
Concen: 191.659 ug/l
RT: 5.524 min Scan# 608
Delta R.T. -0.006 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

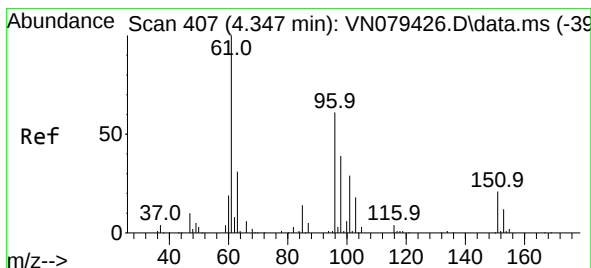
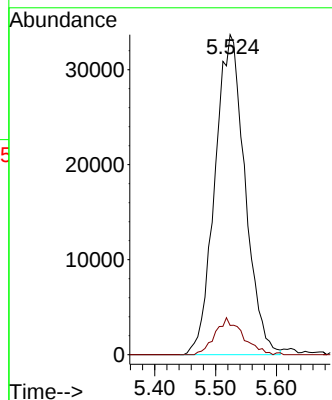
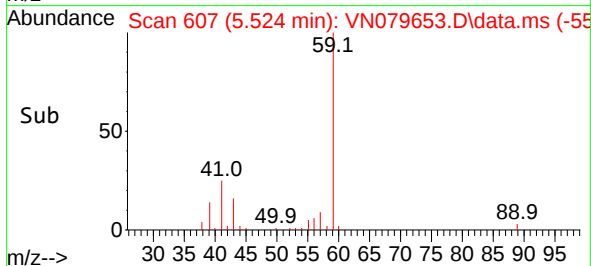
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 11561
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4

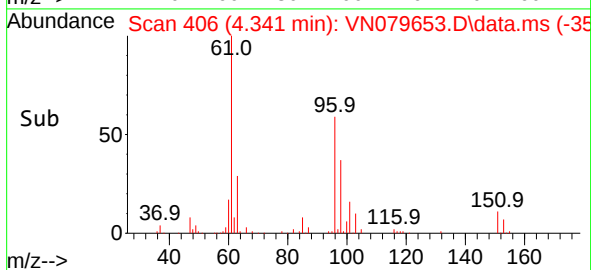
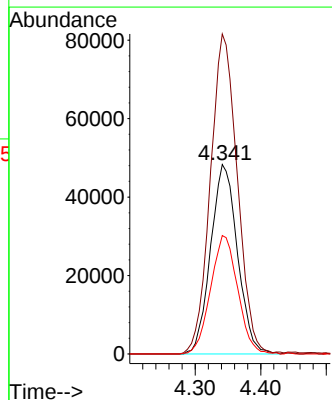
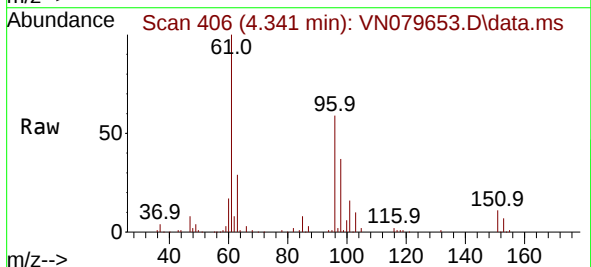
Manual Integrations
APPROVED

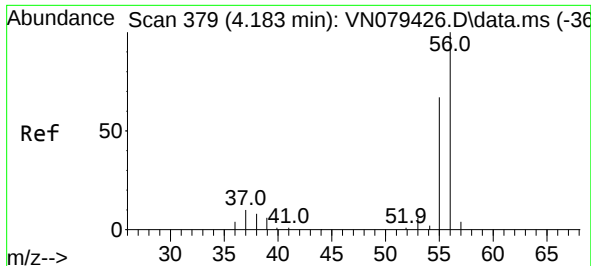
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#12
1,1-Dichloroethene
Concen: 47.039 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

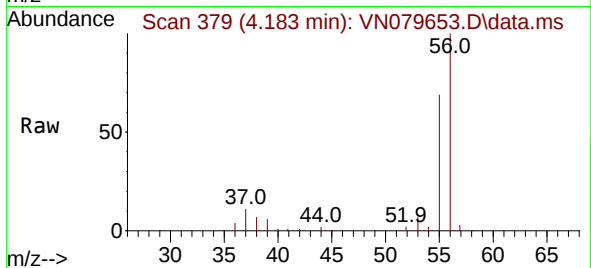
Tgt Ion: 96 Resp: 137377
Ion Ratio Lower Upper
96 100
61 168.9 112.7 169.1
98 62.5 51.2 76.8





#13
Acrolein
Concen: 271.591 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

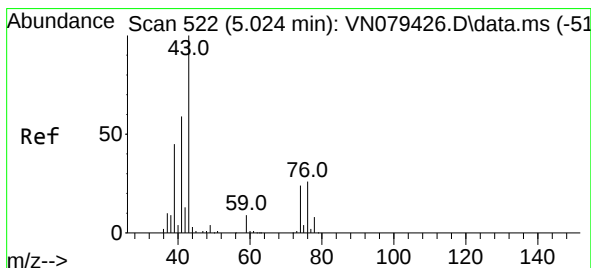
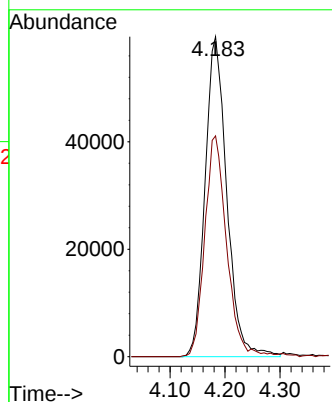
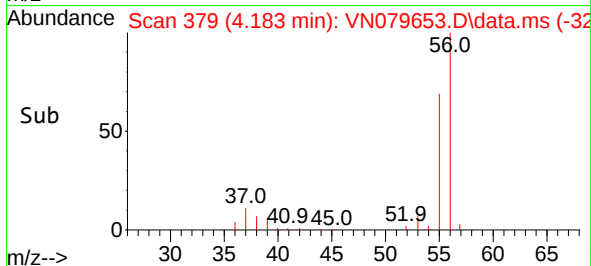
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 163130
Ion Ratio Lower Upper
56 100
55 69.6 54.5 81.7

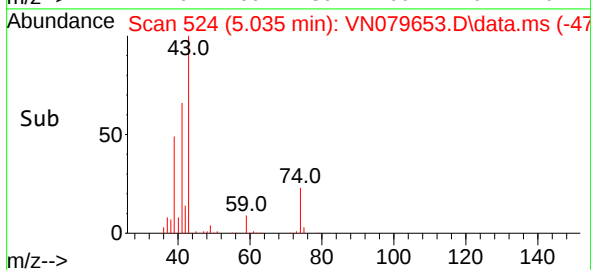
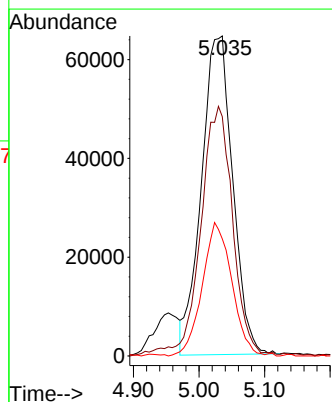
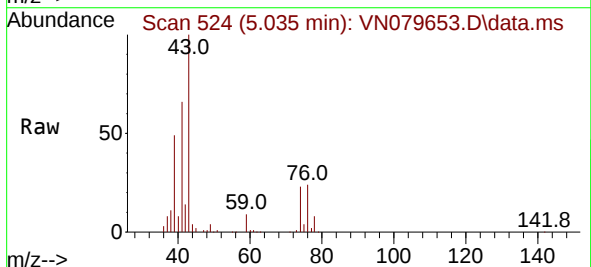
Manual Integrations
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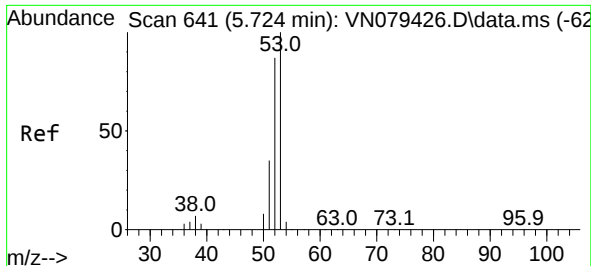
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#14
Allyl chloride
Concen: 45.471 ug/l
RT: 5.035 min Scan# 524
Delta R.T. 0.011 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

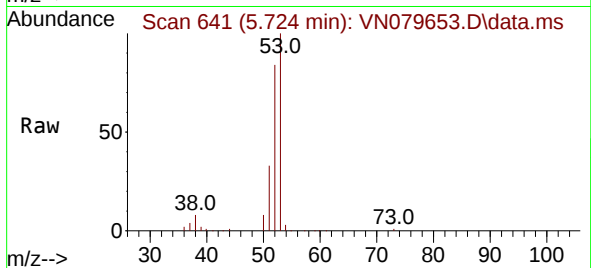
Tgt Ion: 41 Resp: 214307
Ion Ratio Lower Upper
41 100
39 80.2 58.8 88.2
76 39.4 39.1 58.7





#15
Acrylonitrile
Concen: 236.302 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

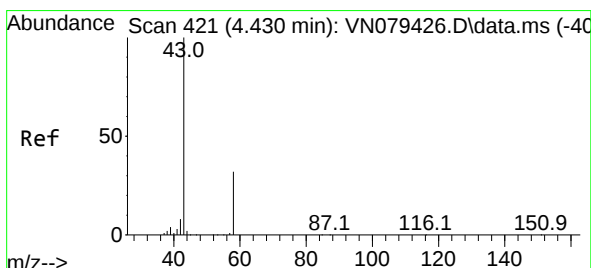
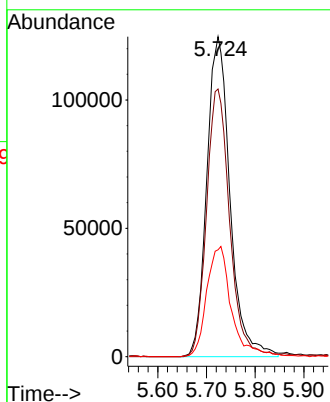
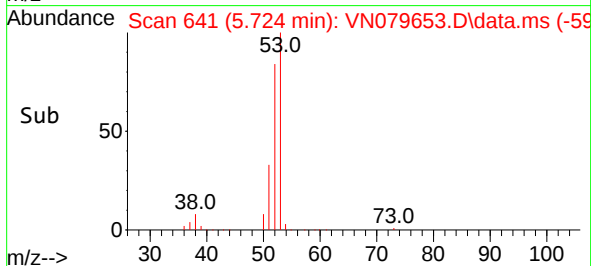
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 41325
Ion Ratio Lower Upper
53 100
52 83.1 65.3 97.9
51 36.5 28.9 43.3

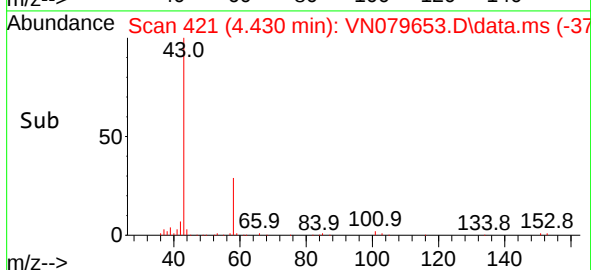
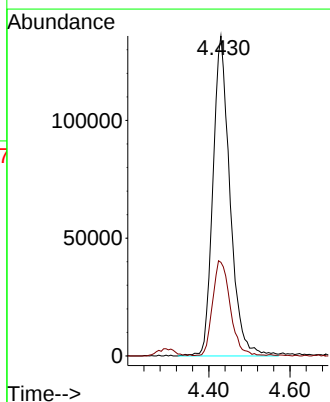
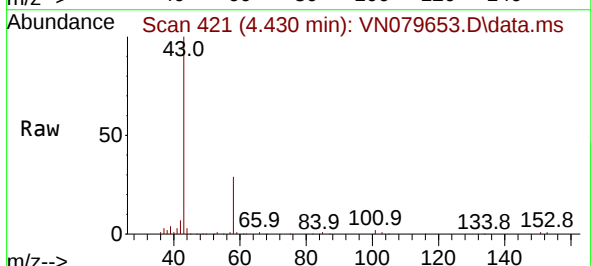
Manual Integrations
APPROVED

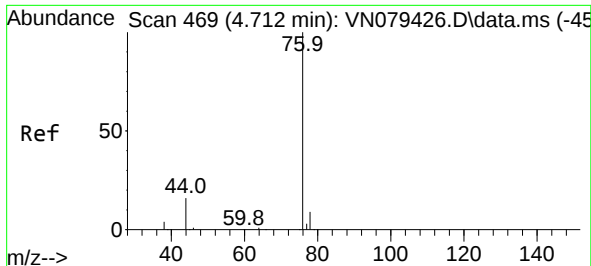
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#16
Acetone
Concen: 249.318 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

Tgt Ion: 43 Resp: 396335
Ion Ratio Lower Upper
43 100
58 29.0 28.0 42.0





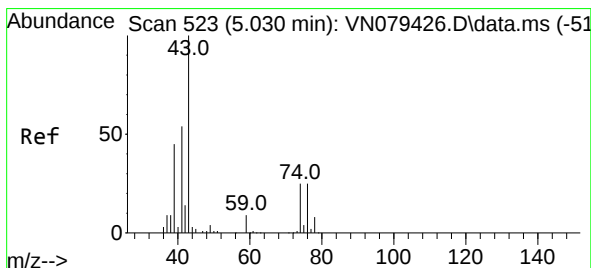
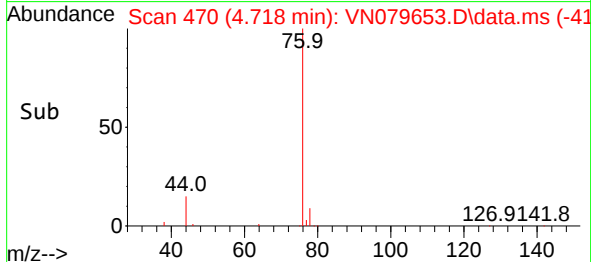
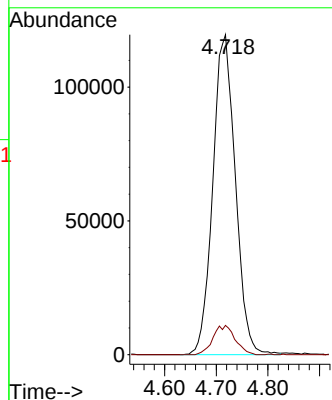
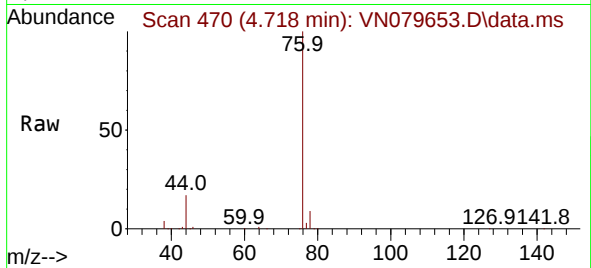
#17
Carbon Disulfide
Concen: 39.753 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 362149
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

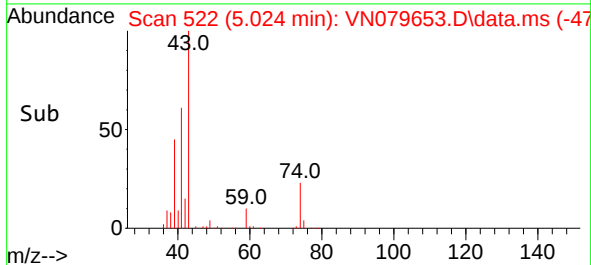
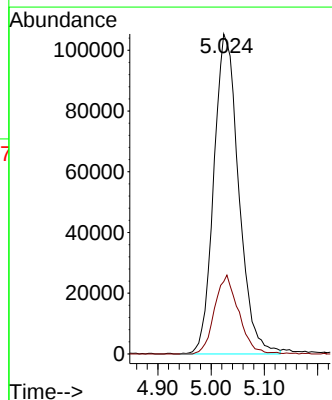
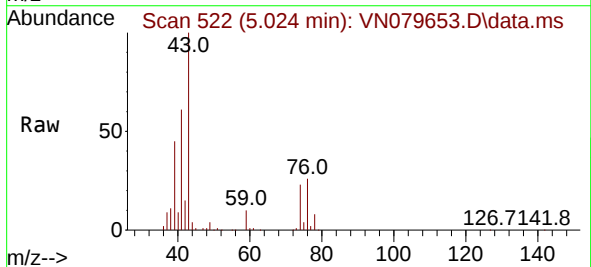
Manual Integrations
APPROVED

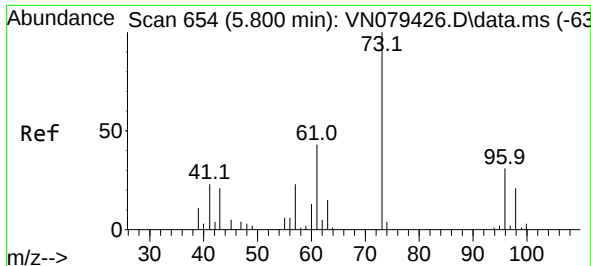
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#18
Methyl Acetate
Concen: 44.061 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

Tgt Ion: 43 Resp: 342826
Ion Ratio Lower Upper
43 100
74 23.8 26.2 39.4#





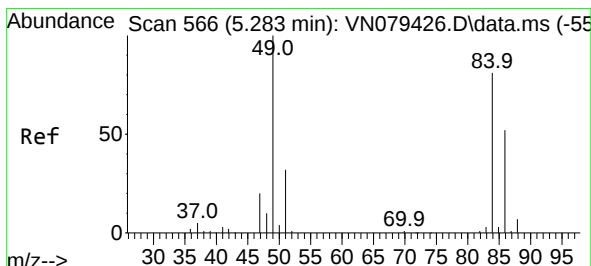
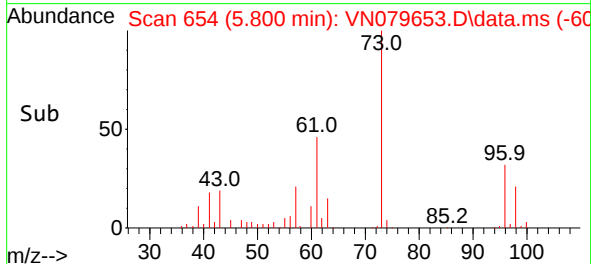
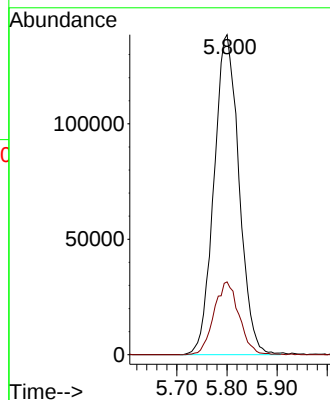
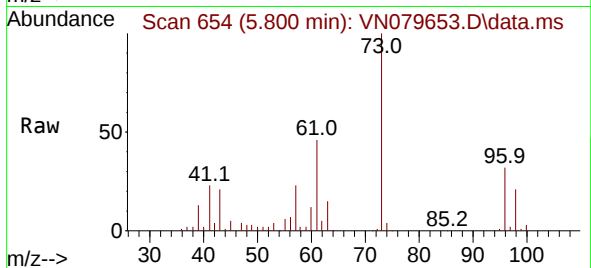
#19
Methyl tert-butyl Ether
Concen: 50.713 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 481235
Ion Ratio Lower Upper
73 100
57 22.8 15.6 23.4

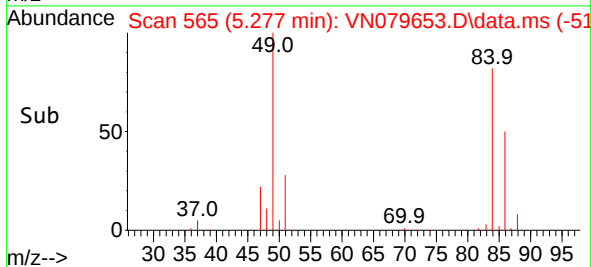
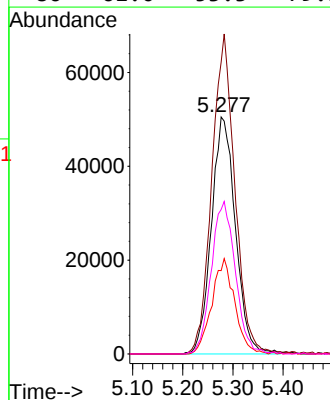
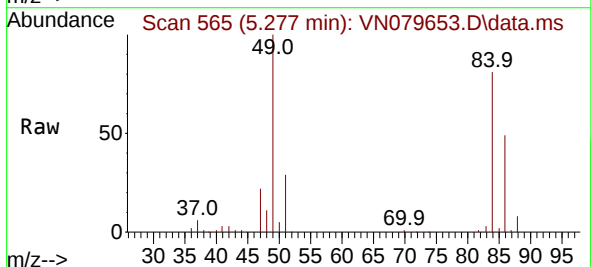
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APPROVED

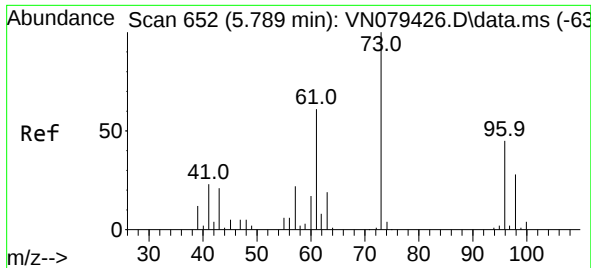
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#20
Methylene Chloride
Concen: 48.293 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

Tgt Ion: 84 Resp: 168186
Ion Ratio Lower Upper
84 100
49 123.2 79.7 119.5#
51 35.2 25.2 37.8
86 61.0 53.3 79.9





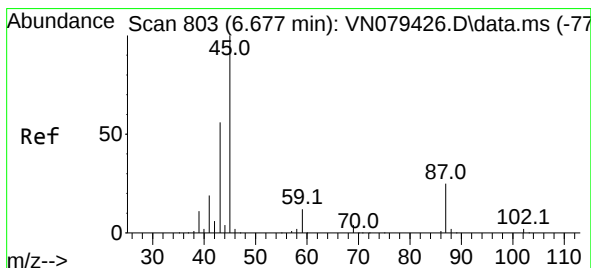
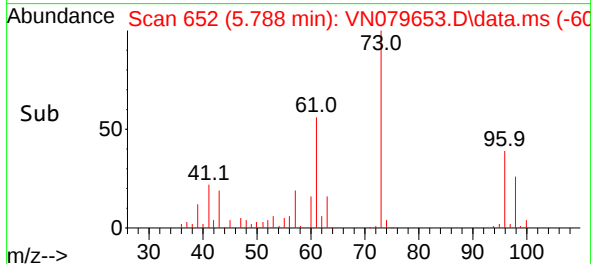
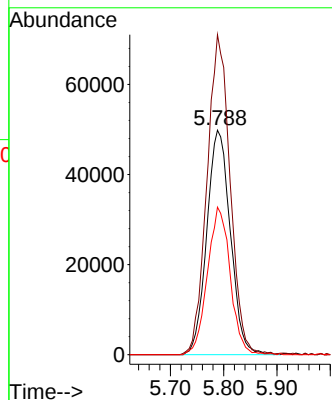
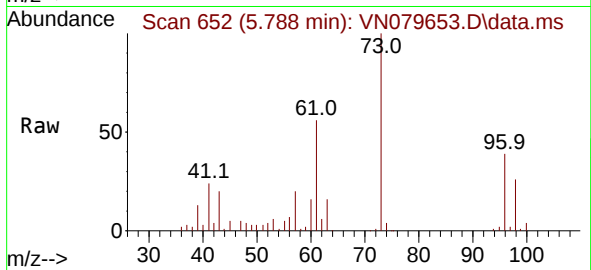
#21
trans-1,2-Dichloroethene
Concen: 44.988 ug/l
RT: 5.788 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 153458
Ion Ratio Lower Upper
96 100
61 142.6 90.1 135.1
98 65.7 46.4 69.6

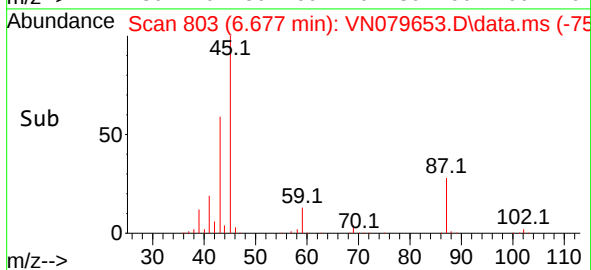
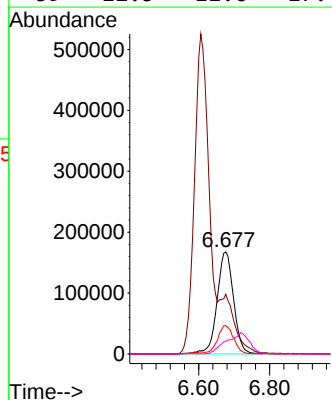
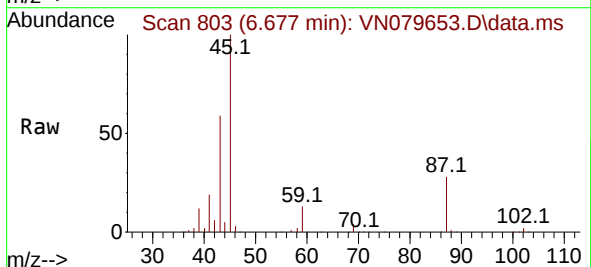
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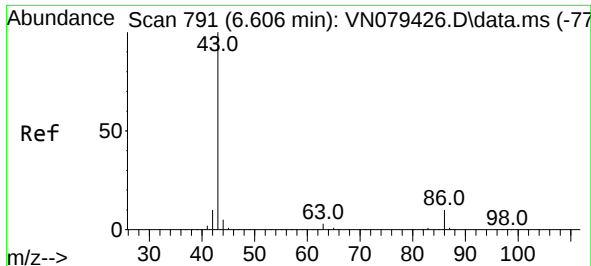
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#22
Diisopropyl ether
Concen: 51.018 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

Tgt Ion: 45 Resp: 539177
Ion Ratio Lower Upper
45 100
43 57.8 45.5 68.3
87 27.8 31.8 47.8#
59 12.5 11.6 17.4





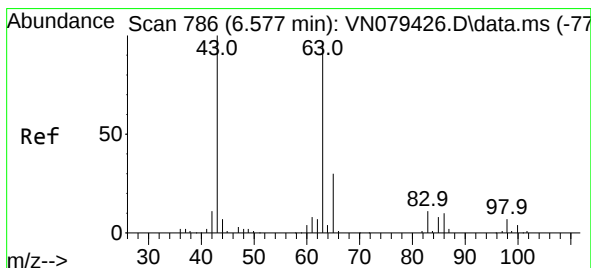
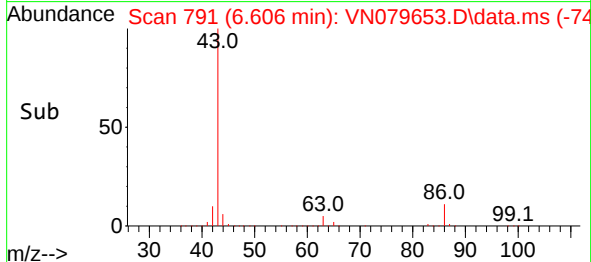
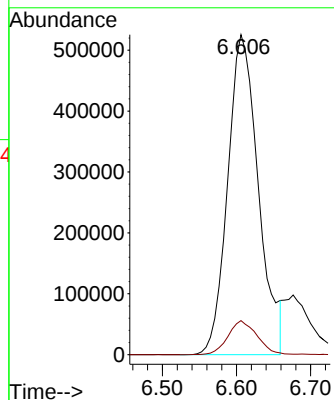
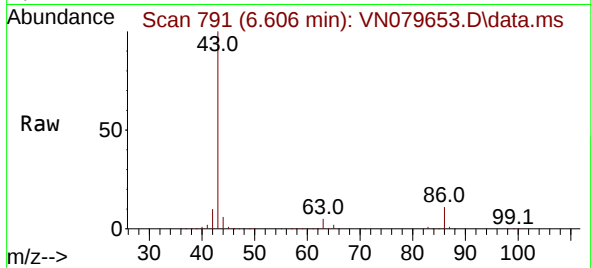
#23
 Vinyl Acetate
 Concen: 254.065 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.000 min
 Lab File: VN079653.D
 Acq: 23 Oct 2023 17:10

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1510320
 Ion Ratio Lower Upper
 43 100
 86 10.7 13.0 19.6

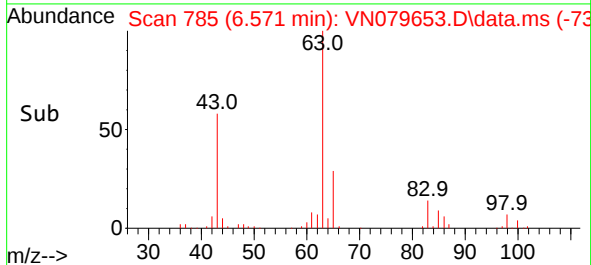
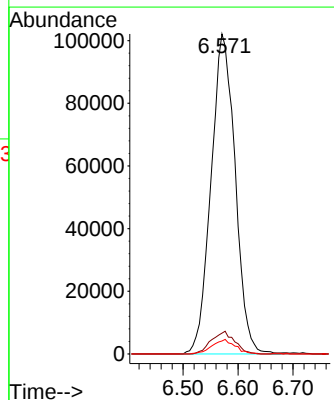
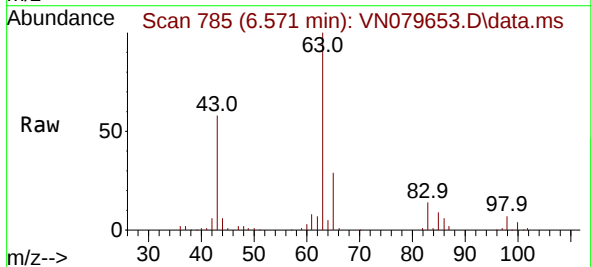
Manual Integrations
 APPROVED

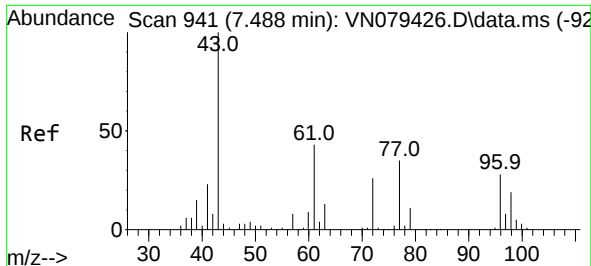
Reviewed By :John Carlone 10/24/2023
 Supervised By :Semsettin Yesilyurt 10/24/2023



#24
 1,1-Dichloroethane
 Concen: 48.164 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079653.D
 Acq: 23 Oct 2023 17:10

Tgt Ion: 63 Resp: 311524
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 4.0 2.5 7.4





#25

2-Butanone

Concen: 239.556 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN079653.D

Acq: 23 Oct 2023 17:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 565215

Ion Ratio Lower Upper

43 100

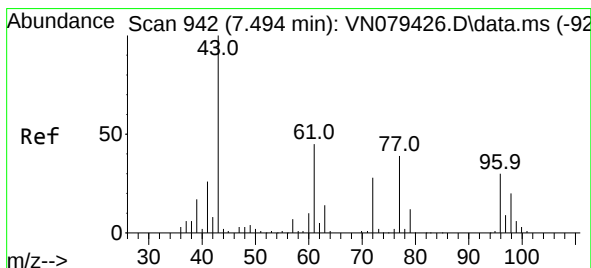
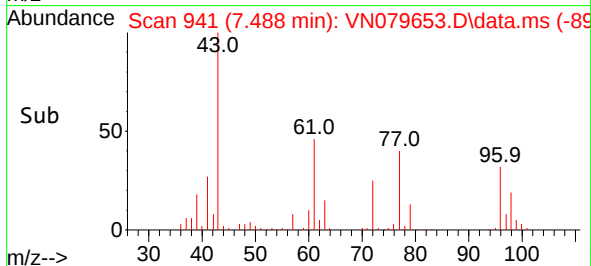
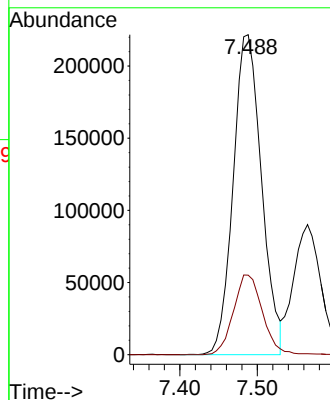
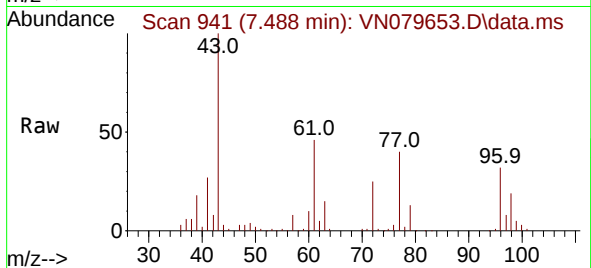
72 24.9 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#26

2,2-Dichloropropane

Concen: 52.435 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.000 min

Lab File: VN079653.D

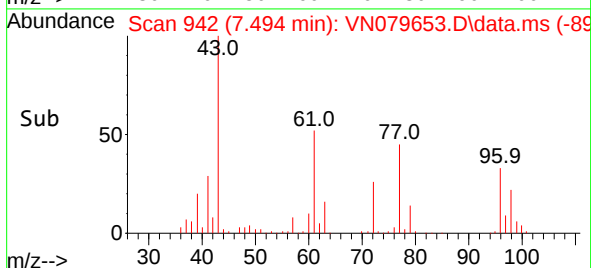
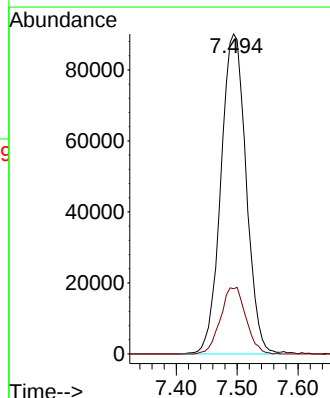
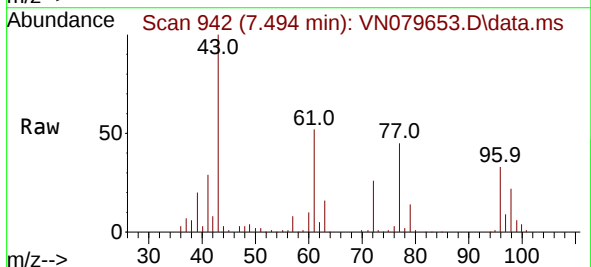
Acq: 23 Oct 2023 17:10

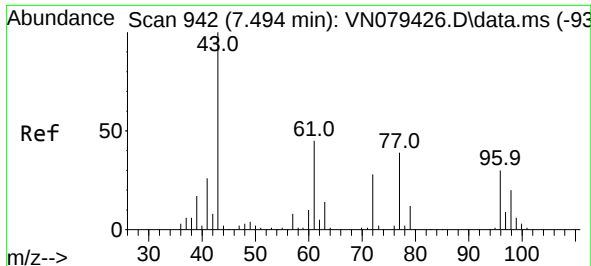
Tgt Ion: 77 Resp: 259184

Ion Ratio Lower Upper

77 100

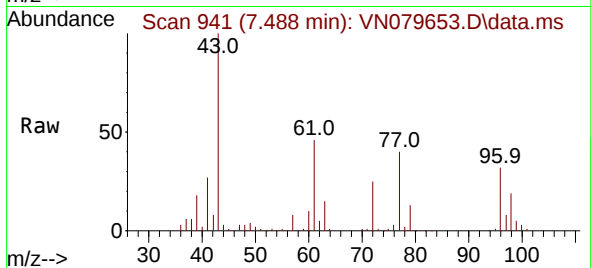
97 21.0 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 49.155 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079653.D
 Acq: 23 Oct 2023 17:10

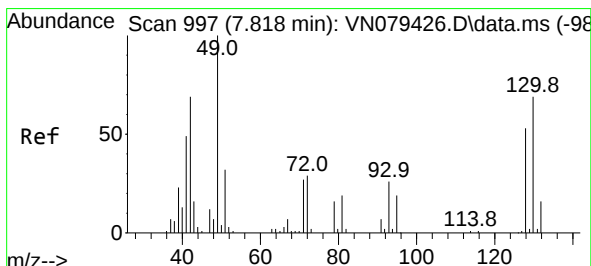
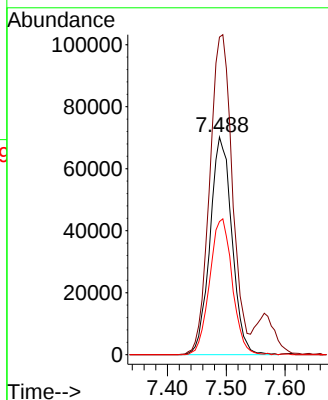
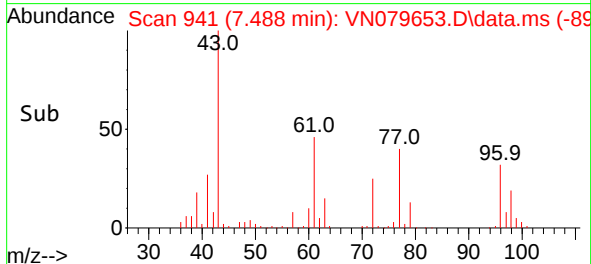
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 18215
 Ion Ratio Lower Upper
 96 100
 61 152.3 0.0 255.2
 98 64.2 0.0 128.8

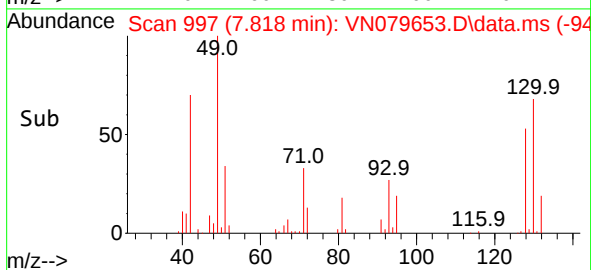
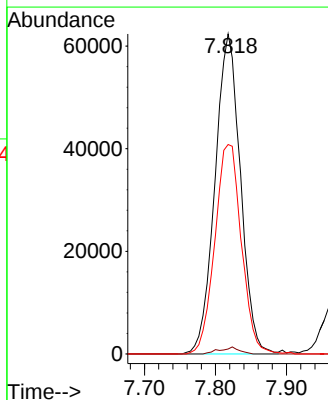
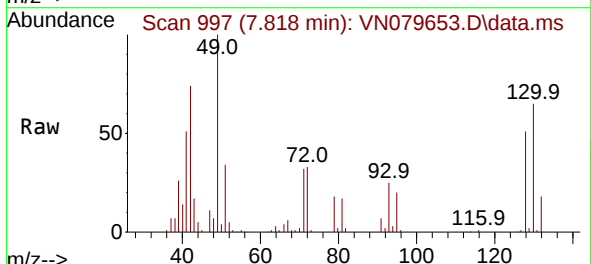
Manual Integrations
 APPROVED

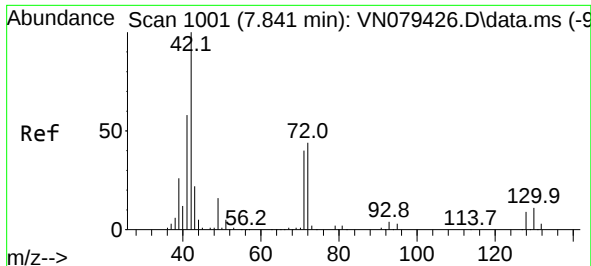
Reviewed By :John Carlone 10/24/2023
 Supervised By :Semsettin Yesilyurt 10/24/2023



#28
 Bromochloromethane
 Concen: 50.450 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.000 min
 Lab File: VN079653.D
 Acq: 23 Oct 2023 17:10

Tgt Ion: 49 Resp: 155257
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.8
 130 68.3 75.3 112.9#





#29

Tetrahydrofuran

Concen: 236.327 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.000 min

Lab File: VN079653.D

Acq: 23 Oct 2023 17:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 36062

Ion Ratio Lower Upper

42 100

72 43.4 49.8 74.6

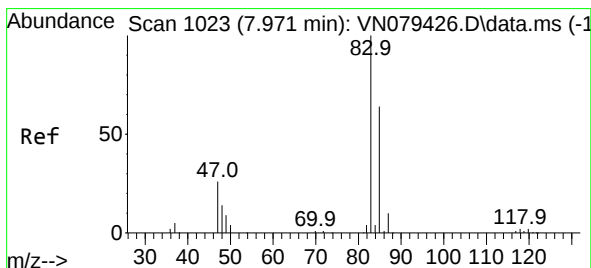
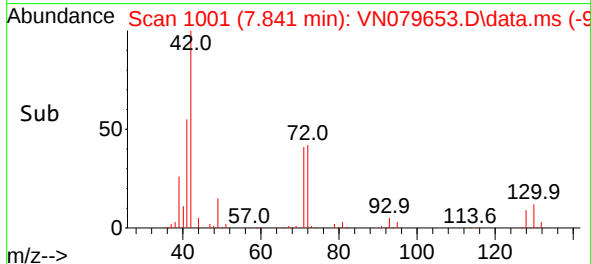
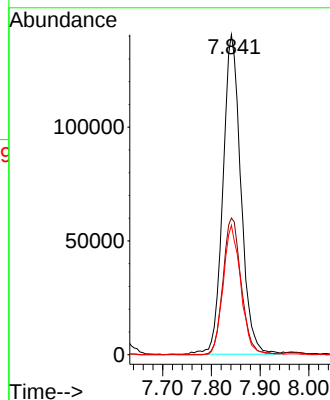
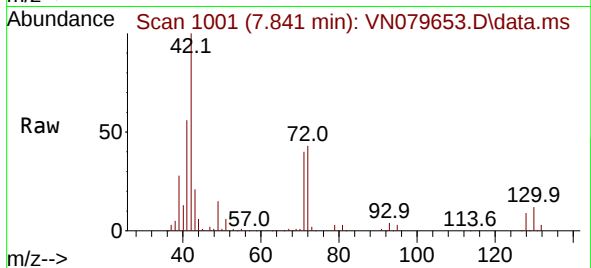
71 40.0 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#30

Chloroform

Concen: 48.878 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.000 min

Lab File: VN079653.D

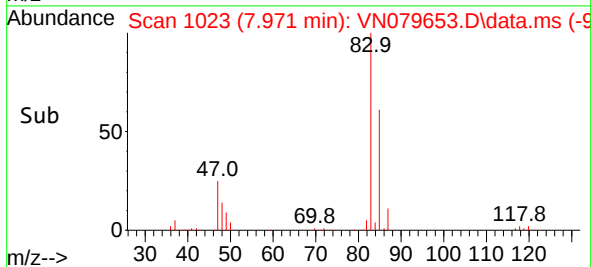
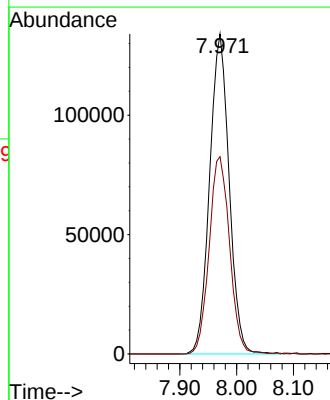
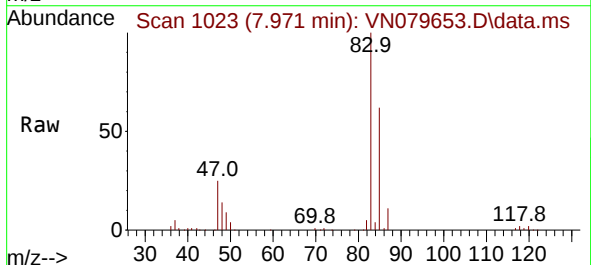
Acq: 23 Oct 2023 17:10

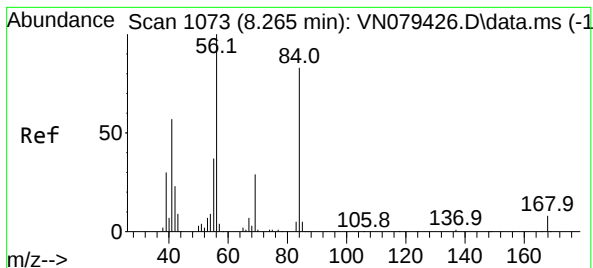
Tgt Ion: 83 Resp: 319419

Ion Ratio Lower Upper

83 100

85 61.6 55.4 83.0





#31

Cyclohexane

Concen: 42.727 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. -0.006 min

Lab File: VN079653.D

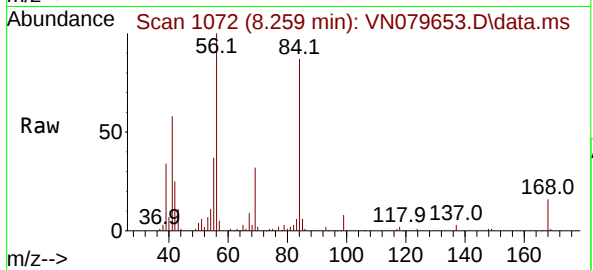
Acq: 23 Oct 2023 17:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 56 Resp: 242900

Ion Ratio Lower Upper

56 100

69 32.1 26.8 40.2

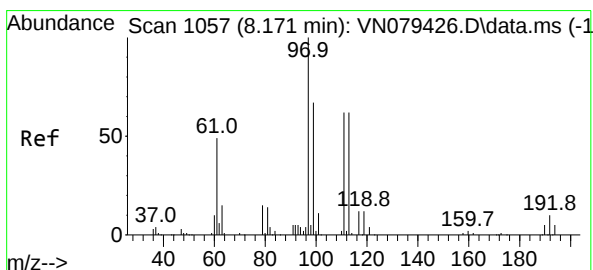
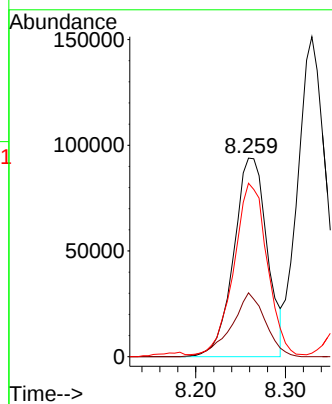
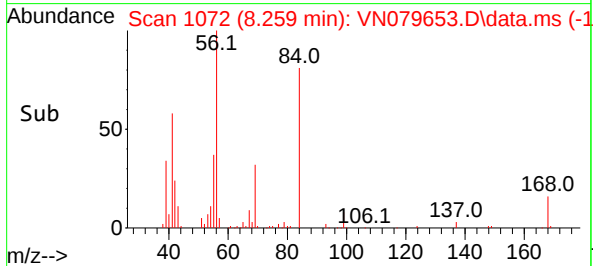
84 85.0 81.8 122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#32

1,1,1-Trichloroethane

Concen: 49.023 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079653.D

Acq: 23 Oct 2023 17:10

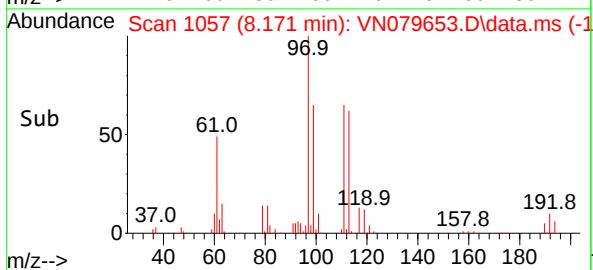
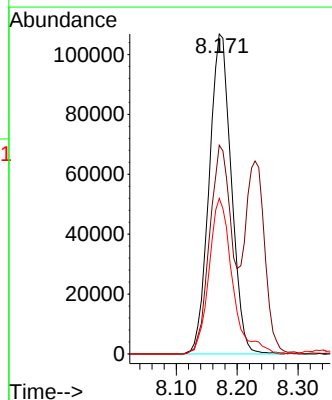
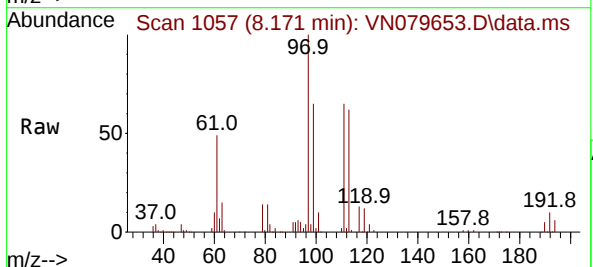
Tgt Ion: 97 Resp: 269609

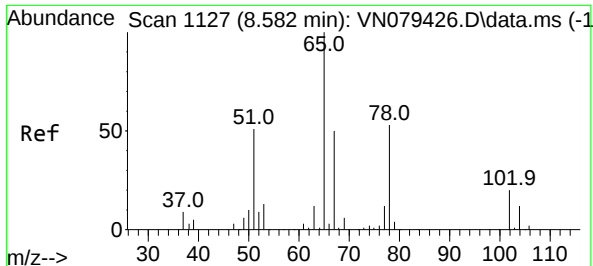
Ion Ratio Lower Upper

97 100

99 64.1 50.3 75.5

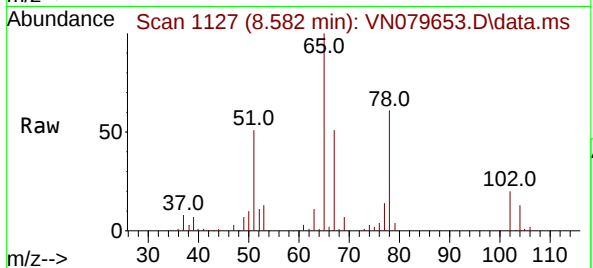
61 51.5 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 49.867 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

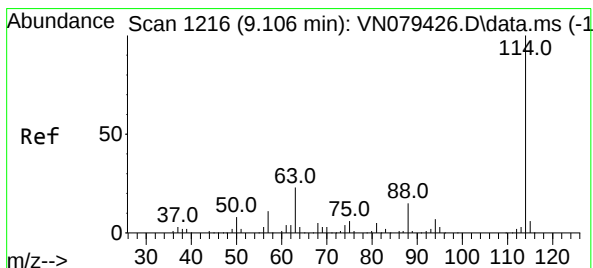
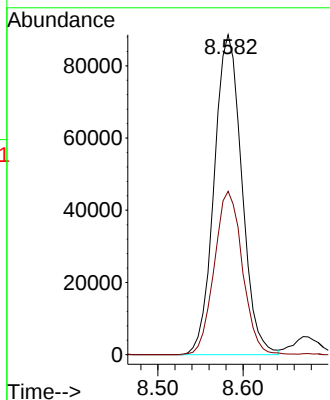
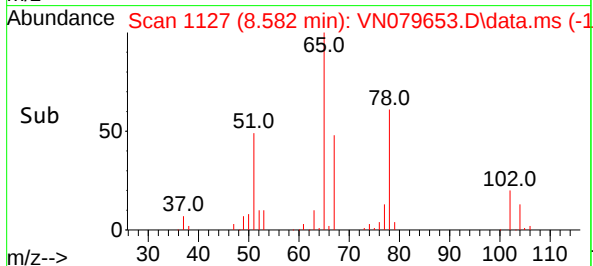
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



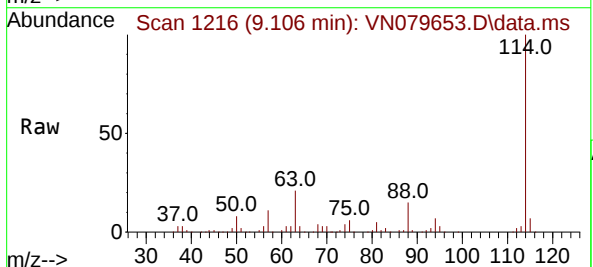
Tgt Ion: 65 Resp: 199864
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.6

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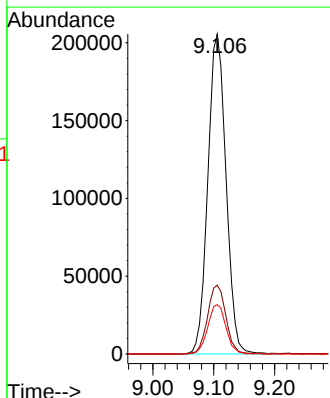
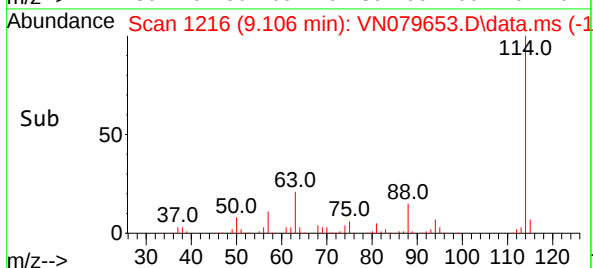
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

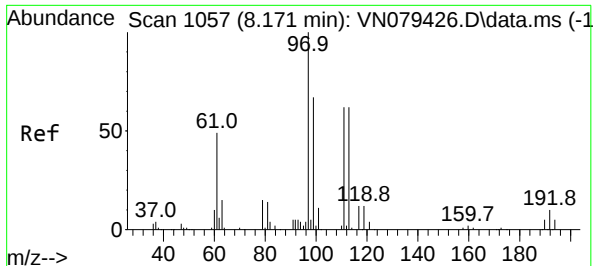


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10



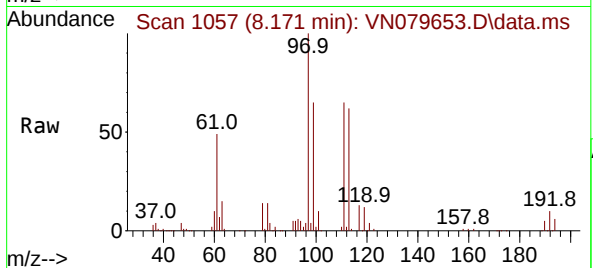
Tgt Ion:114 Resp: 426447
Ion Ratio Lower Upper
114 100
63 21.5 0.0 36.4
88 15.4 0.0 30.6





#35
Dibromofluoromethane
Concen: 52.050 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

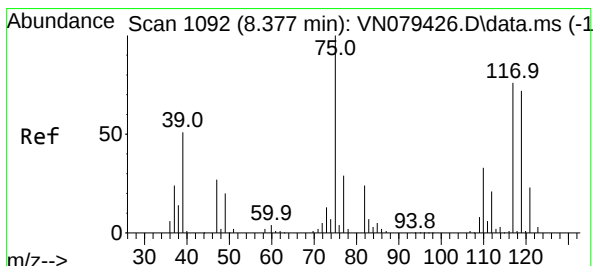
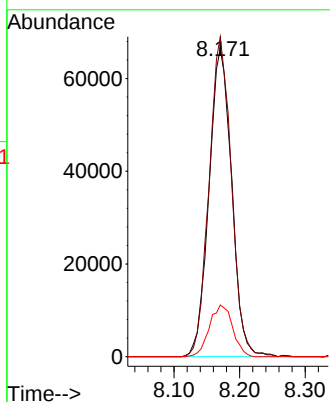
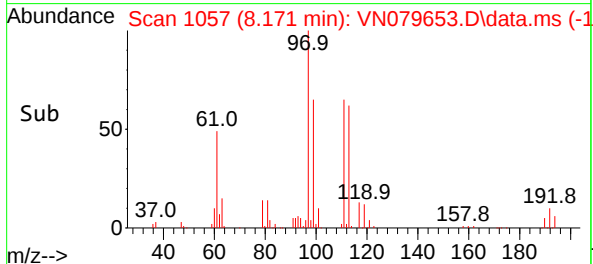
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



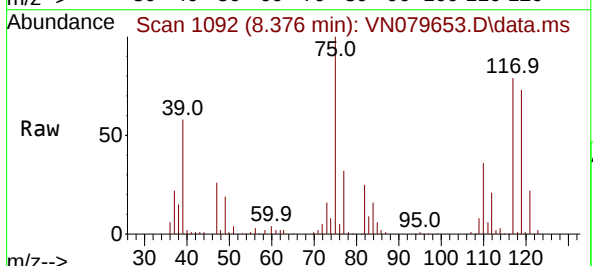
Tgt Ion:113 Resp: 159512
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 17.2 12.7 19.1

Manual Integrations
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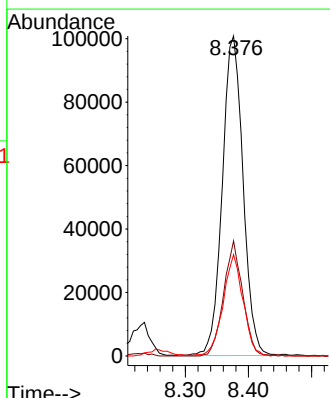
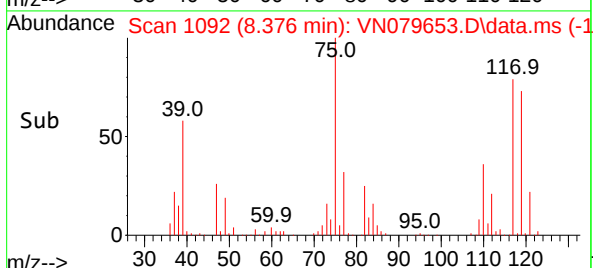
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

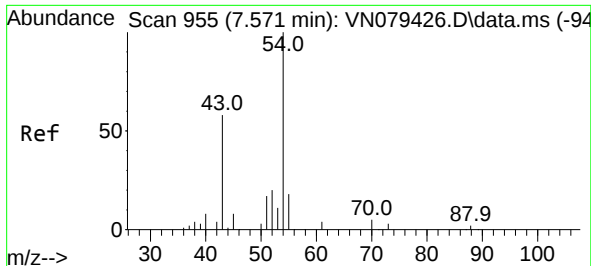


#36
1,1-Dichloropropene
Concen: 50.038 ug/l
RT: 8.376 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10



Tgt Ion: 75 Resp: 230153
Ion Ratio Lower Upper
75 100
110 32.9 19.1 57.3
77 30.5 25.0 37.4





#37

Ethyl Acetate

Concen: 49.867 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079653.D

Acq: 23 Oct 2023 17:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 228220

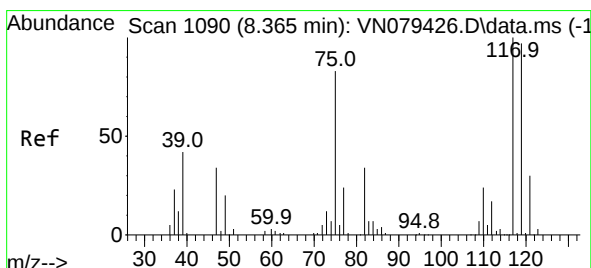
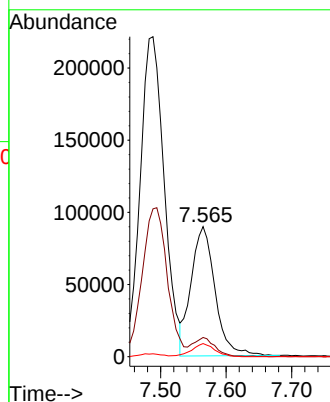
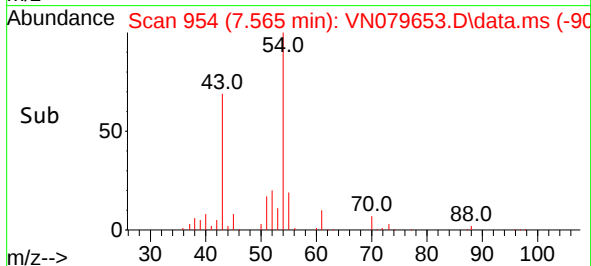
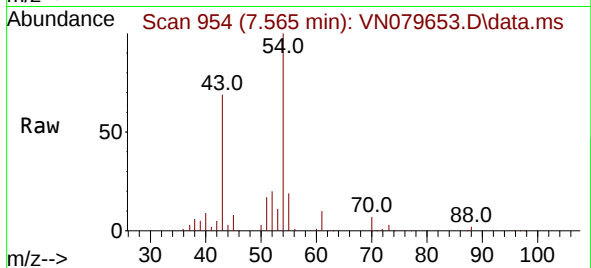
Ion	Ratio	Lower	Upper
43	100		
61	12.9	13.2	19.8
70	9.6	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#38

Carbon Tetrachloride

Concen: 50.789 ug/l

RT: 8.365 min Scan# 1090

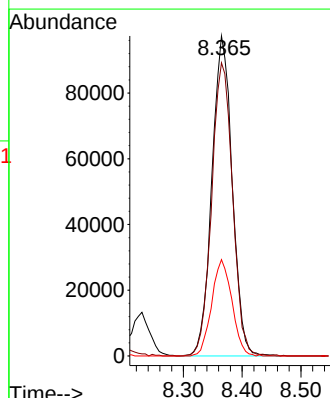
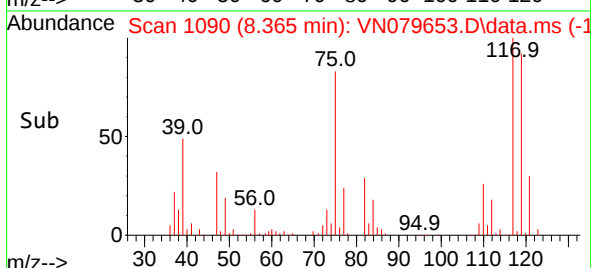
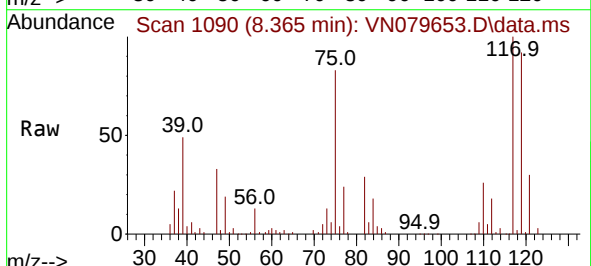
Delta R.T. -0.000 min

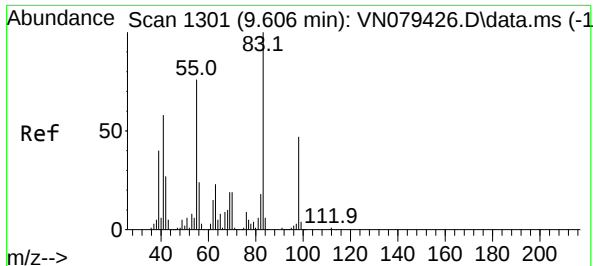
Lab File: VN079653.D

Acq: 23 Oct 2023 17:10

Tgt Ion:117 Resp: 233865

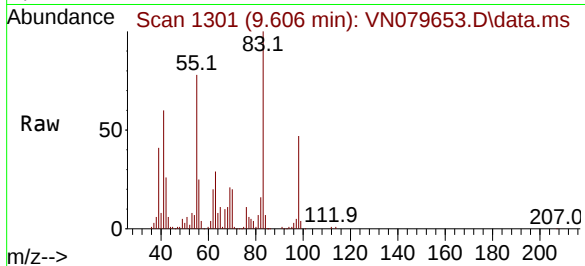
Ion	Ratio	Lower	Upper
117	100		
119	91.6	77.3	115.9
121	30.1	23.3	34.9





#39
Methylcyclohexane
Concen: 51.063 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

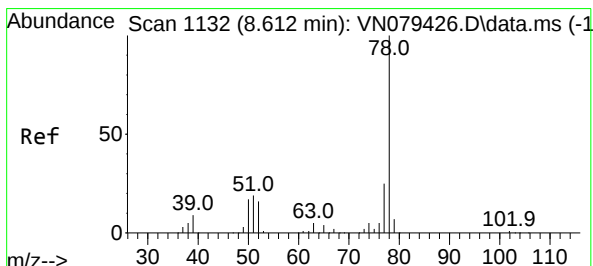
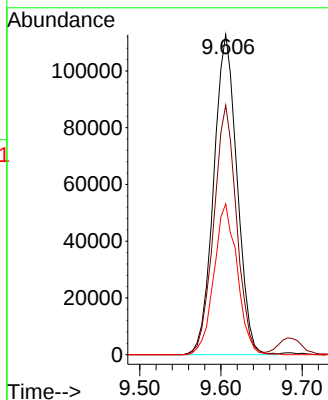
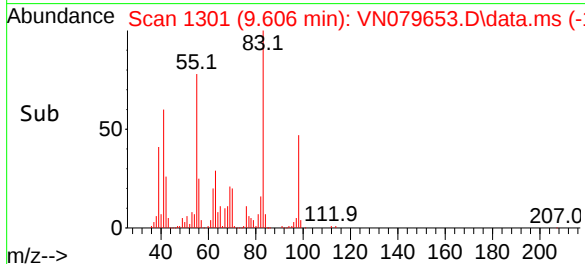
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 225648
Ion Ratio Lower Upper
83 100
55 78.0 49.1 73.7
98 47.1 40.6 61.0

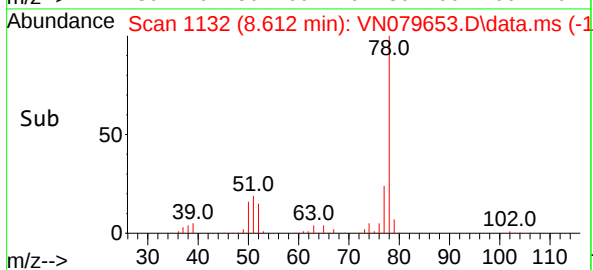
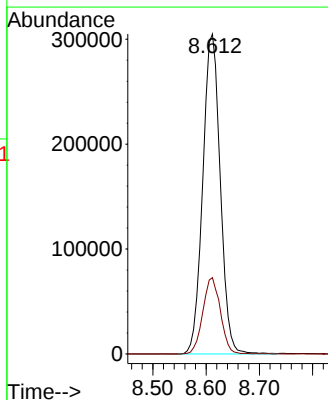
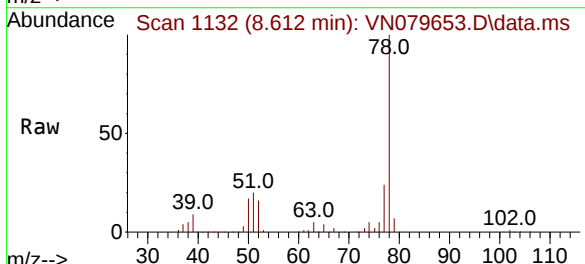
Manual Integrations
APPROVED

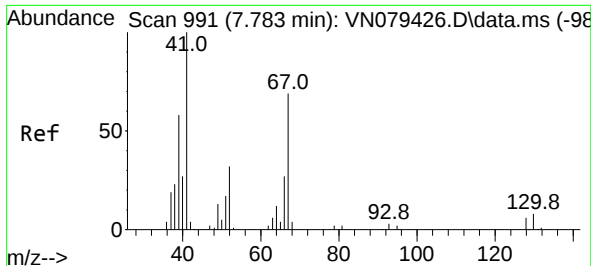
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#40
Benzene
Concen: 50.945 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

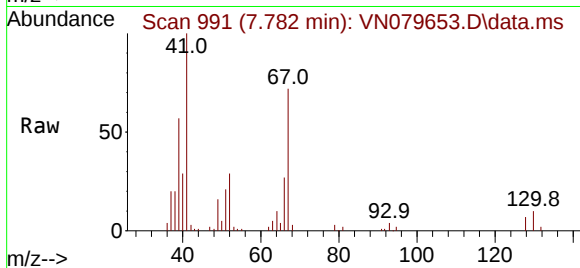
Tgt Ion: 78 Resp: 695901
Ion Ratio Lower Upper
78 100
77 23.9 19.0 28.6





#41
Methacrylonitrile
Concen: 47.726 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

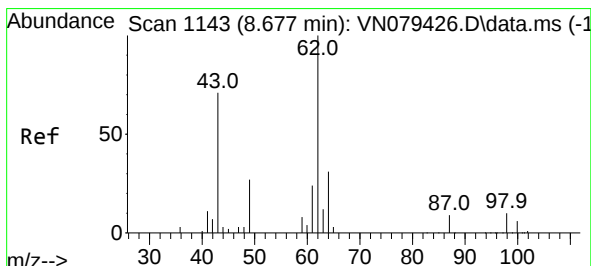
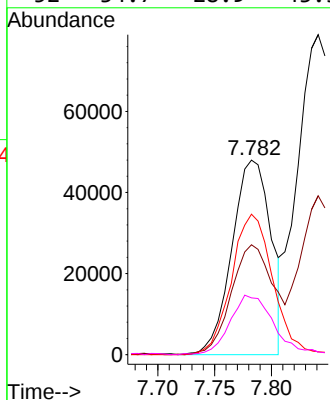
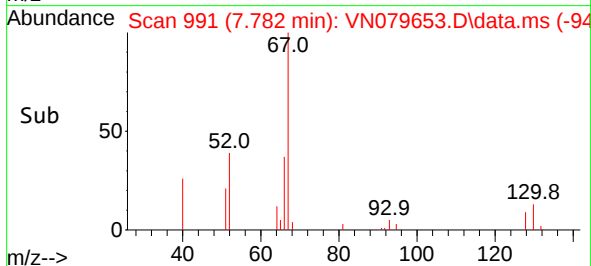
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 114834
Ion Ratio Lower Upper
41 100
39 61.9 42.6 64.0
67 76.8 77.5 116.3
52 34.7 28.9 43.3

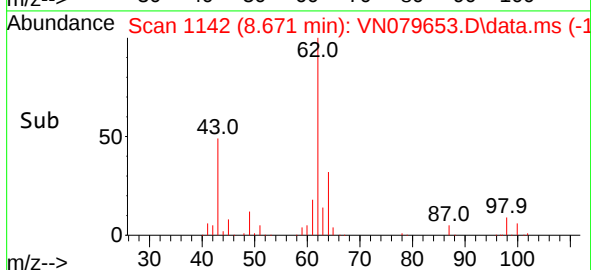
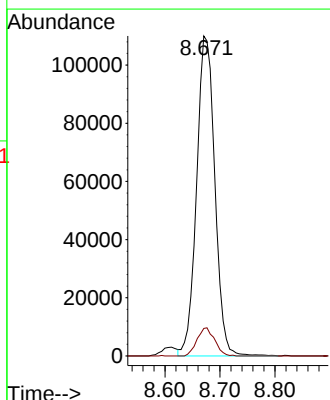
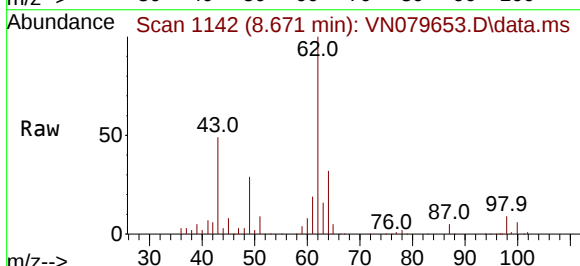
Manual Integrations
APPROVED

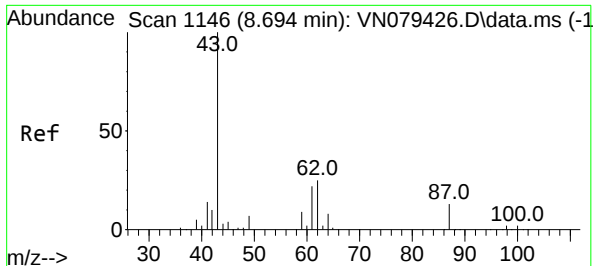
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#42
1,2-Dichloroethane
Concen: 51.126 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

Tgt Ion: 62 Resp: 253764
Ion Ratio Lower Upper
62 100
98 8.5 0.0 19.8





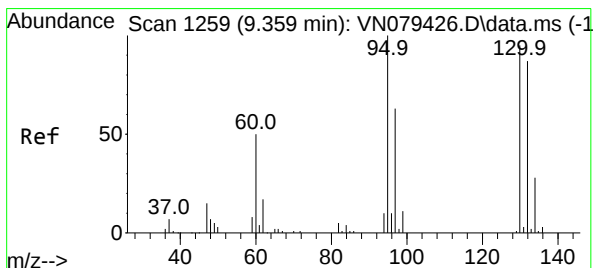
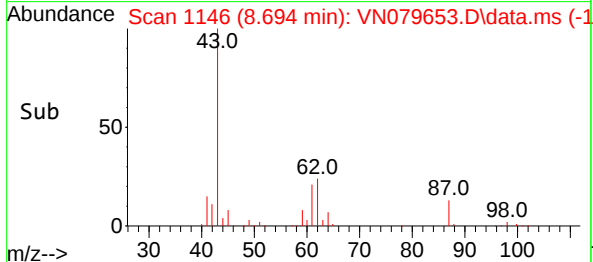
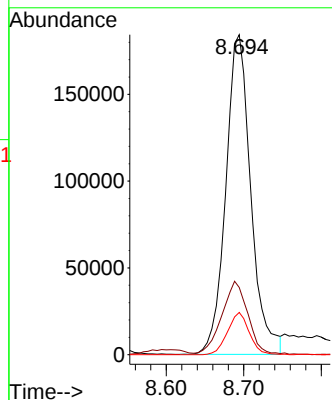
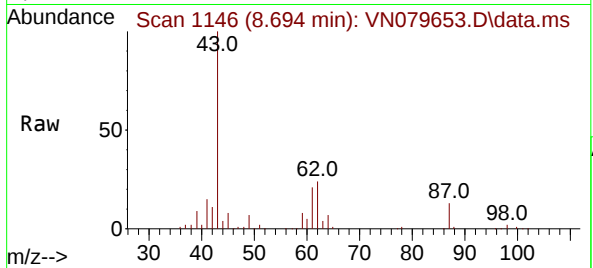
#43
Isopropyl Acetate
Concen: 51.783 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 415200
Ion Ratio Lower Upper
43 100
61 24.1 24.7 37.1
87 11.4 14.6 21.8

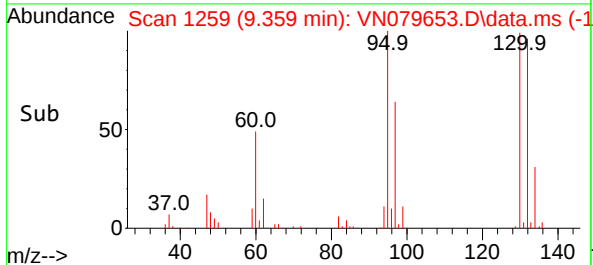
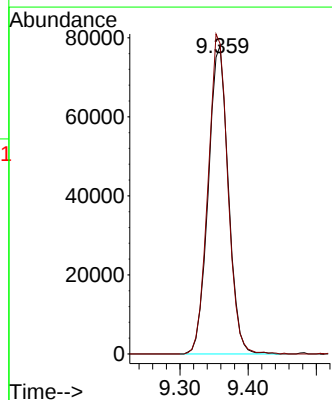
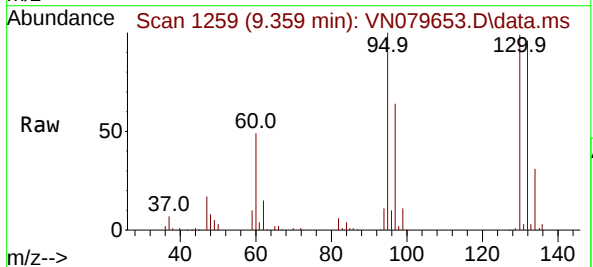
Manual Integrations
APPROVED

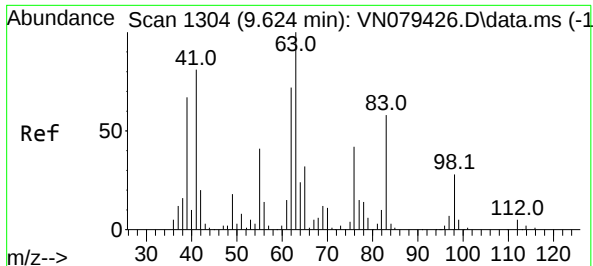
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#44
Trichloroethene
Concen: 49.573 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

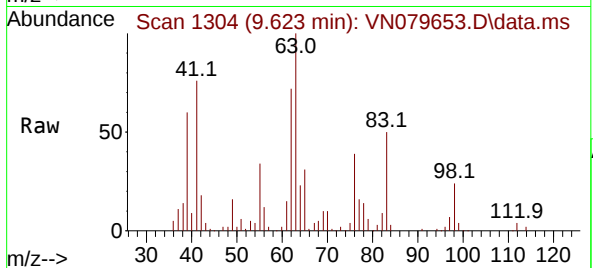
Tgt Ion:130 Resp: 159380
Ion Ratio Lower Upper
130 100
95 100.7 0.0 204.6





#45
1,2-Dichloropropane
Concen: 52.369 ug/l
RT: 9.623 min Scan# 1304
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

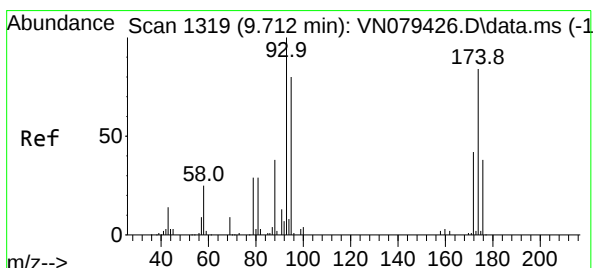
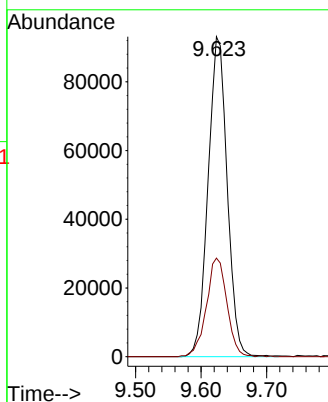
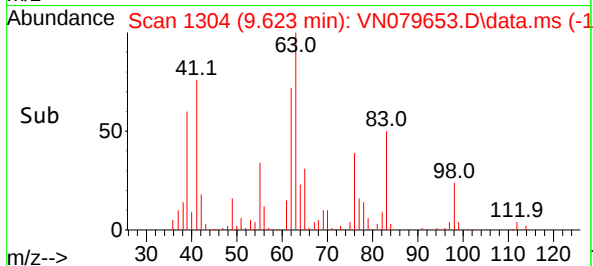
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 63 Resp: 188479
Ion Ratio Lower Upper
63 100
65 30.8 23.9 35.9

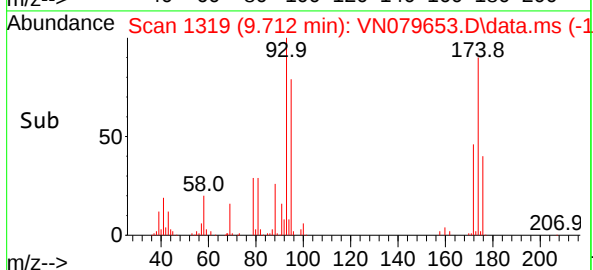
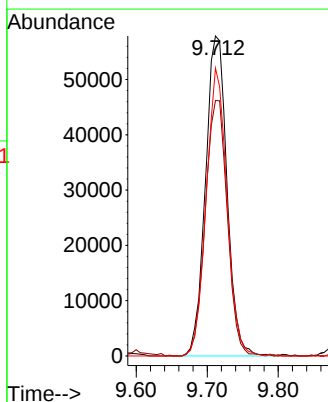
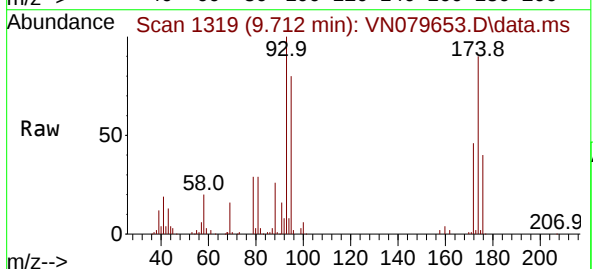
Manual Integrations
APPROVED

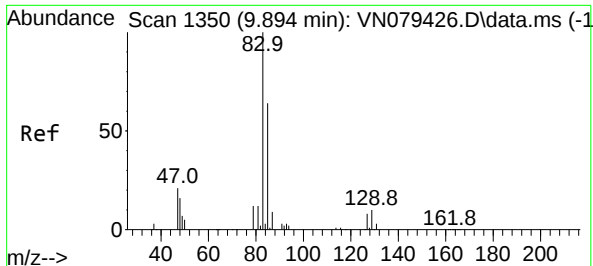
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#46
Dibromomethane
Concen: 52.261 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

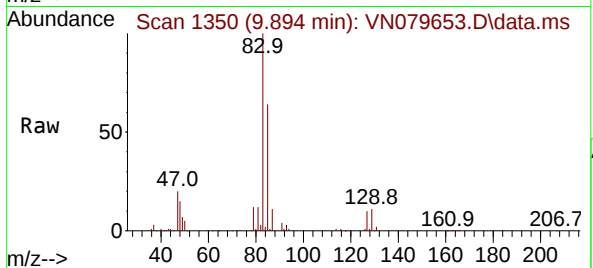
Tgt Ion: 93 Resp: 121818
Ion Ratio Lower Upper
93 100
95 81.8 63.8 95.8
174 86.5 65.6 98.4





#47
Bromodichloromethane
Concen: 52.545 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

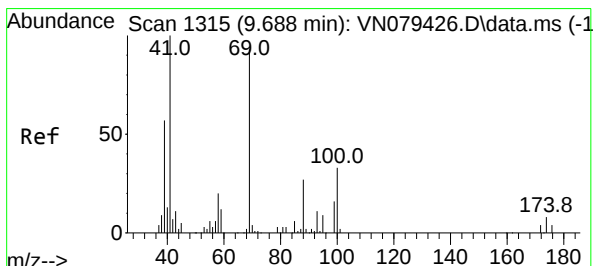
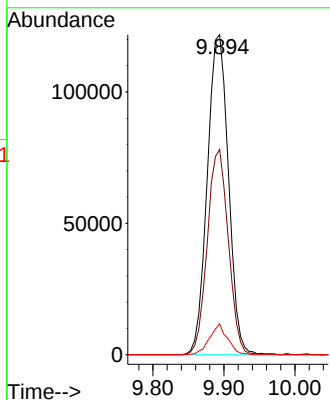
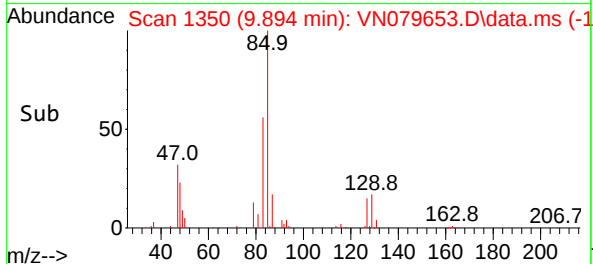
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



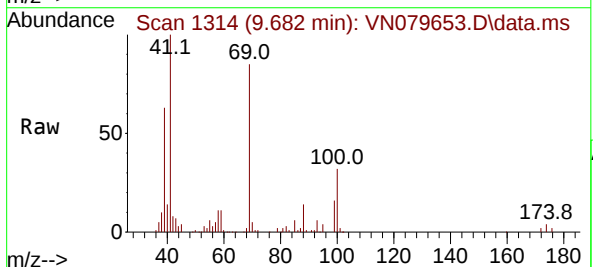
Tgt Ion: 83 Resp: 25194
Ion Ratio Lower Upper
83 100
85 64.2 49.6 74.4
127 9.7 7.0 10.6

Manual Integrations
APPROVED

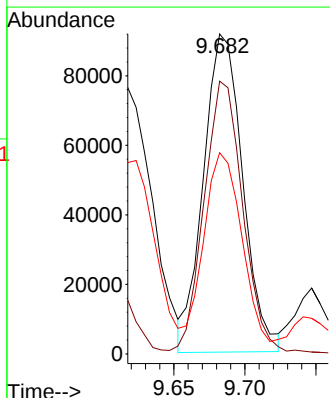
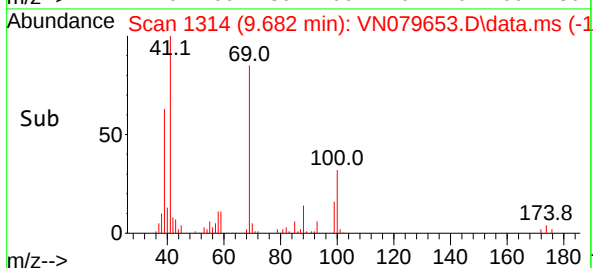
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

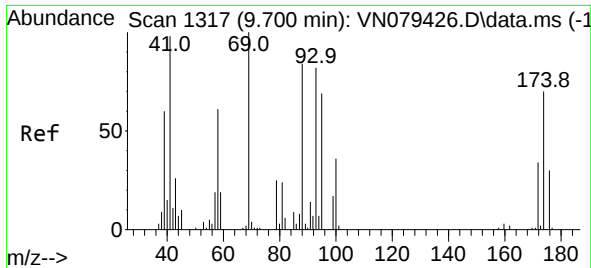


#48
Methyl methacrylate
Concen: 51.334 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10



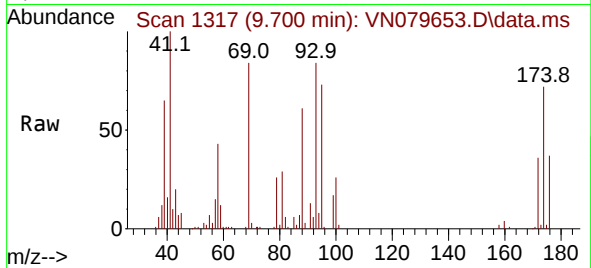
Tgt Ion: 41 Resp: 176381
Ion Ratio Lower Upper
41 100
69 85.5 90.4 135.6
39 63.0 54.6 81.8





#49
1,4-Dioxane
Concen: 876.335 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

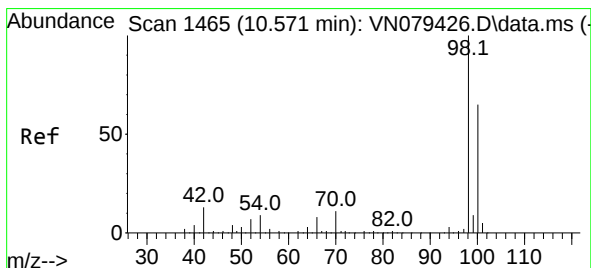
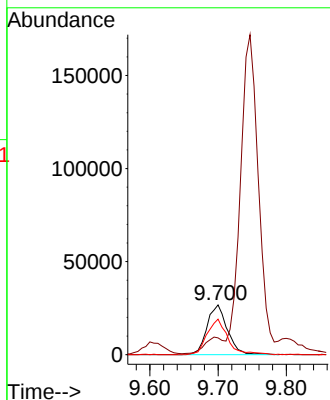
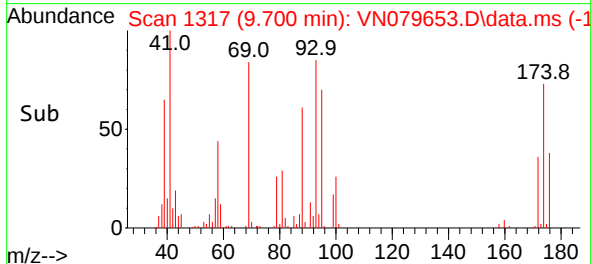
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 55462
Ion Ratio Lower Upper
88 100
43 32.5 17.0 25.6
58 72.9 47.0 70.4

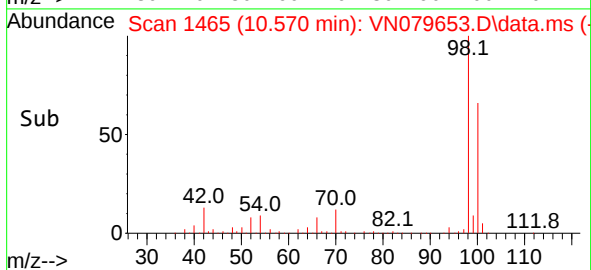
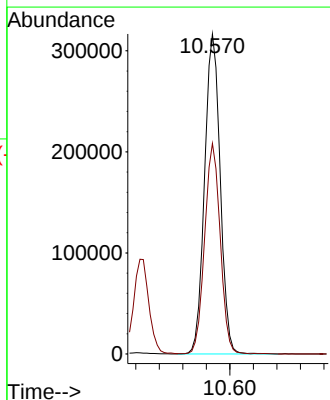
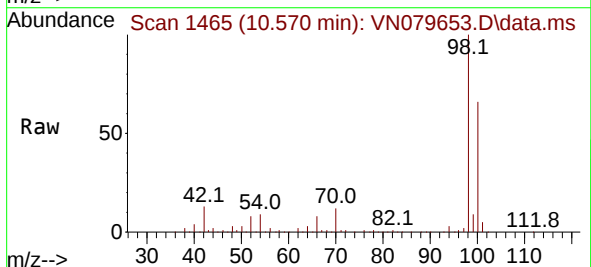
Manual Integrations
APPROVED

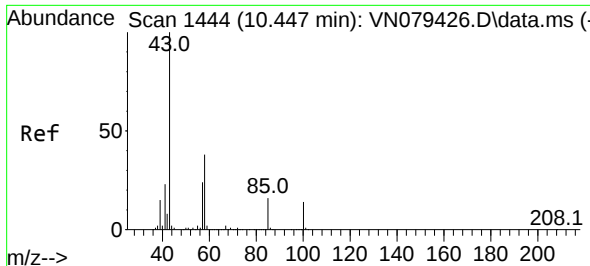
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#50
Toluene-d8
Concen: 52.527 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

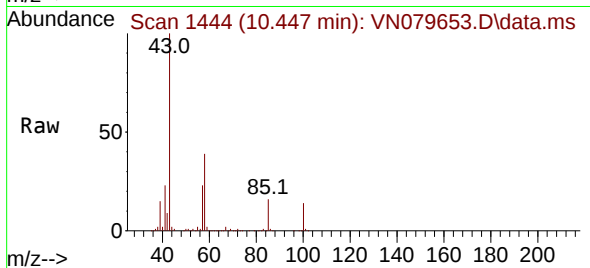
Tgt Ion: 98 Resp: 582456
Ion Ratio Lower Upper
98 100
100 65.4 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 257.316 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

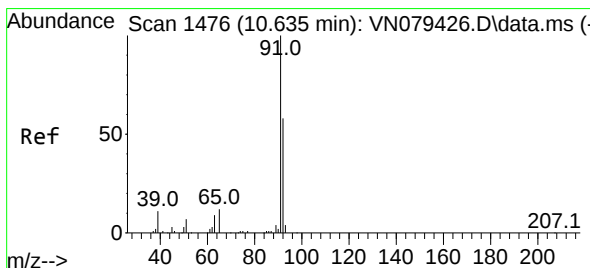
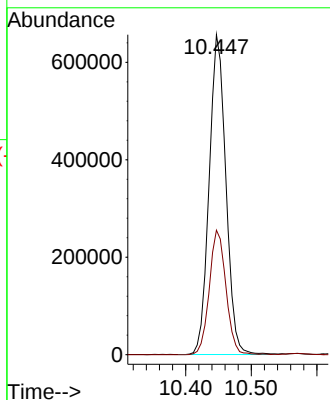
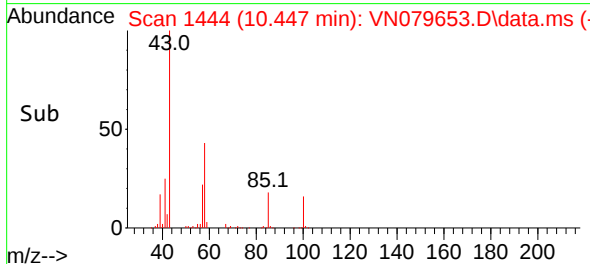
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



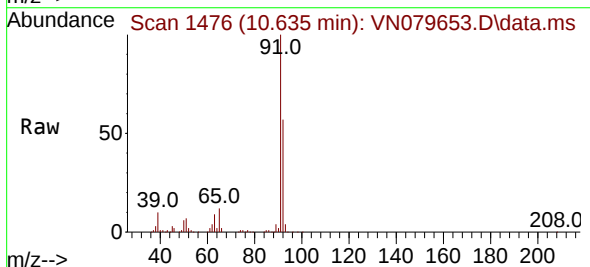
Tgt Ion: 43 Resp: 1164679
Ion Ratio Lower Upper
43 100
58 38.8 36.6 54.8

Manual Integrations
APPROVED

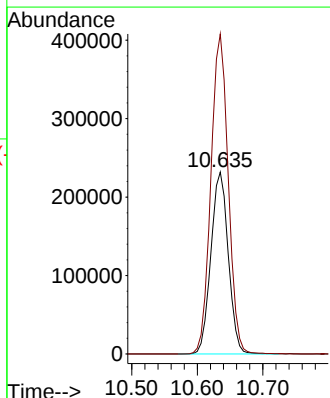
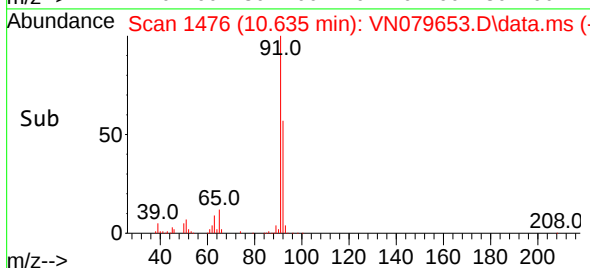
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

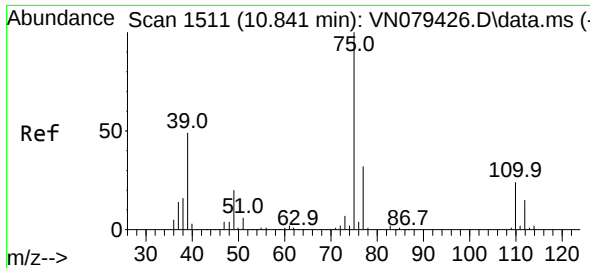


#52
Toluene
Concen: 53.027 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10



Tgt Ion: 92 Resp: 426371
Ion Ratio Lower Upper
92 100
91 175.6 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 54.084 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. -0.000 min
 Lab File: VN079653.D
 Acq: 23 Oct 2023 17:10

Instrument :

MSVOA_N

ClientSampleId :

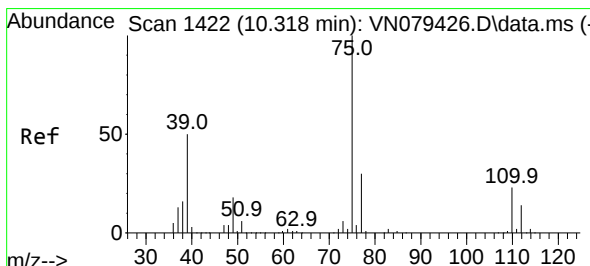
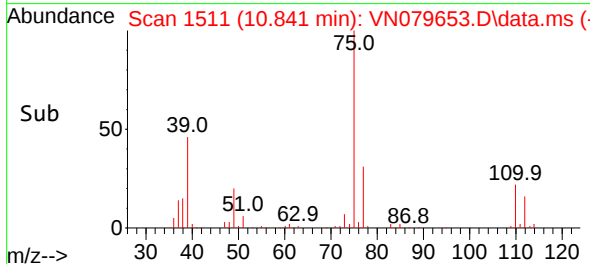
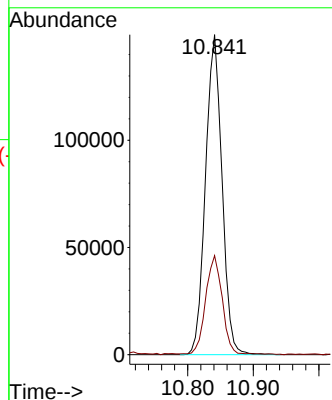
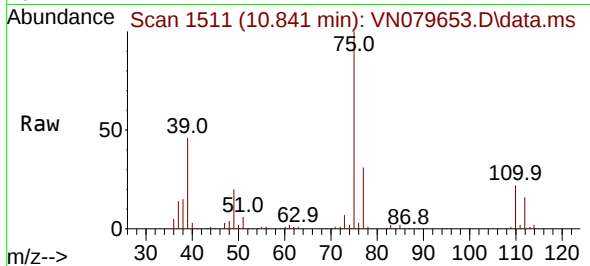
VSTDCCC050EC

Tgt Ion: 75 Resp: 261334
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.4 38.0

Manual Integrations

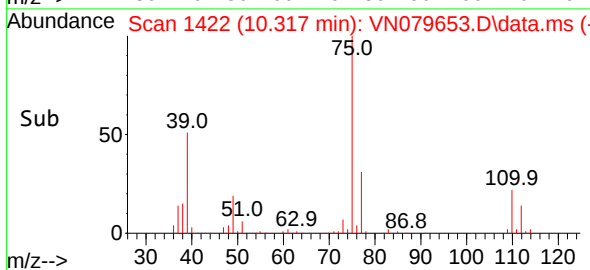
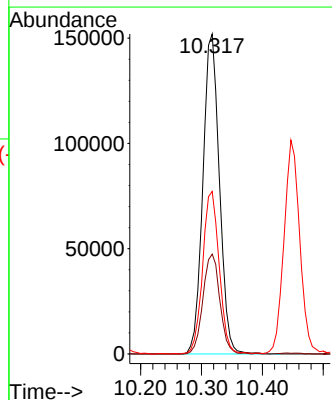
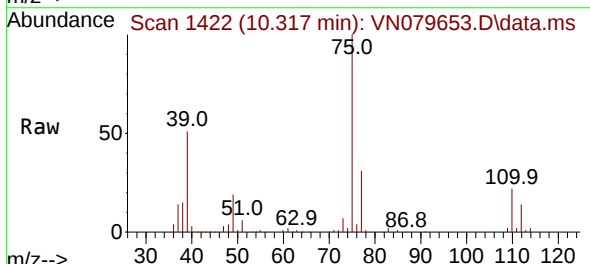
APPROVED

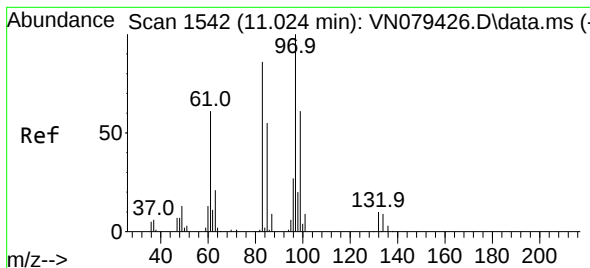
Reviewed By :John Carlone 10/24/2023
 Supervised By :Semsettin Yesilyurt 10/24/2023



#54
 cis-1,3-Dichloropropene
 Concen: 54.171 ug/l
 RT: 10.317 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079653.D
 Acq: 23 Oct 2023 17:10

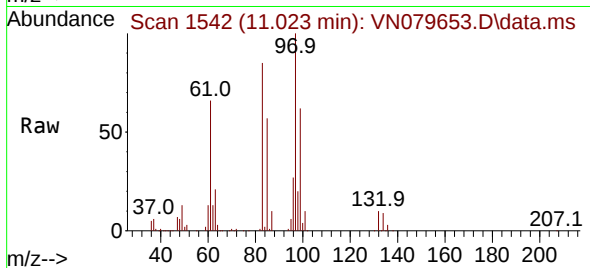
Tgt Ion: 75 Resp: 286543
 Ion Ratio Lower Upper
 75 100
 77 31.2 26.1 39.1
 39 50.8 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 52.629 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

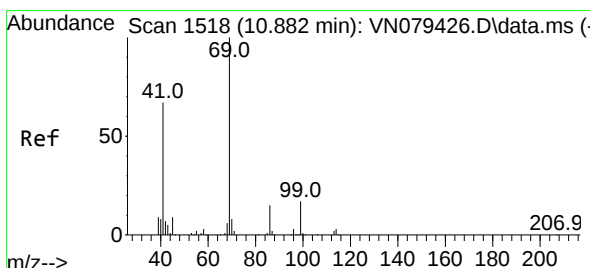
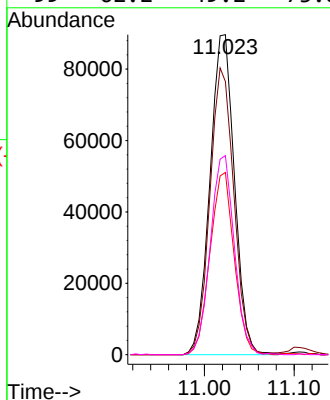
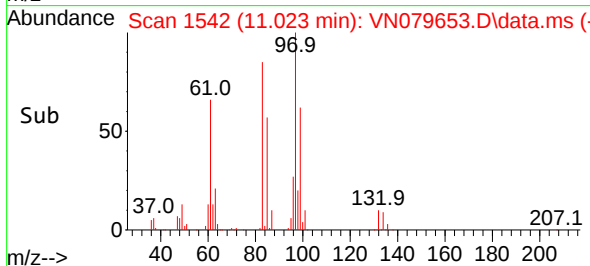
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



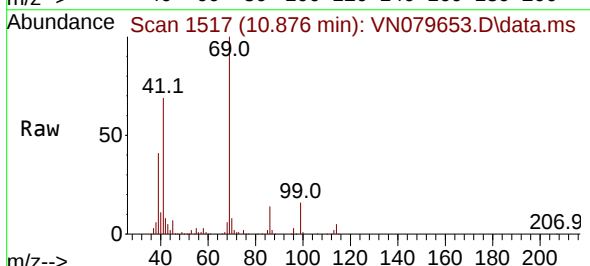
Tgt Ion: 97 Resp: 169890
Ion Ratio Lower Upper
97 100
83 85.3 65.1 97.7
85 57.0 43.4 65.2
99 62.2 49.2 73.8

Manual Integrations
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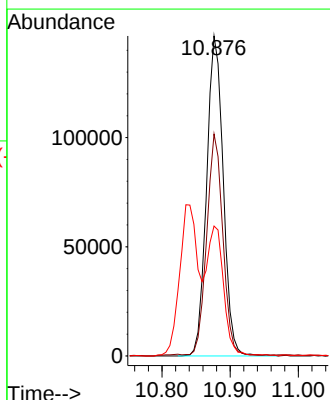
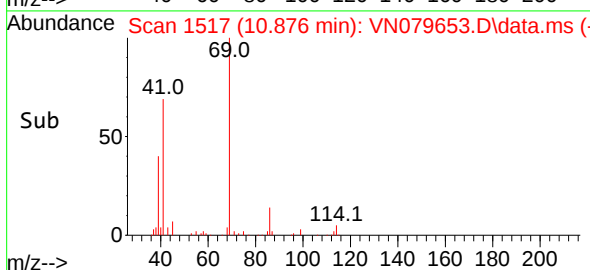
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#56
Ethyl methacrylate
Concen: 56.025 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10



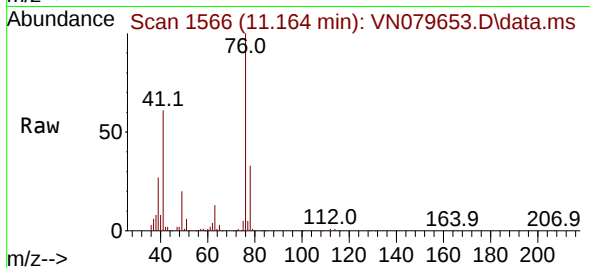
Tgt Ion: 69 Resp: 248515
Ion Ratio Lower Upper
69 100
41 67.0 39.6 59.4#
39 39.9 28.6 43.0





#57
1,3-Dichloropropane
Concen: 53.610 ug/l
RT: 11.164 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

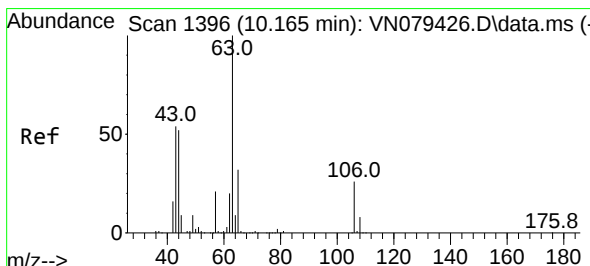
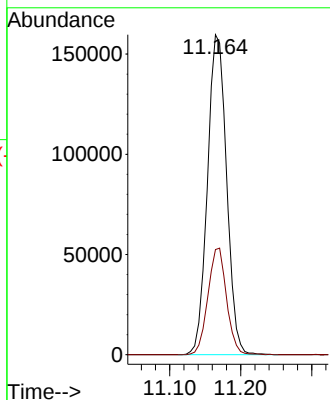
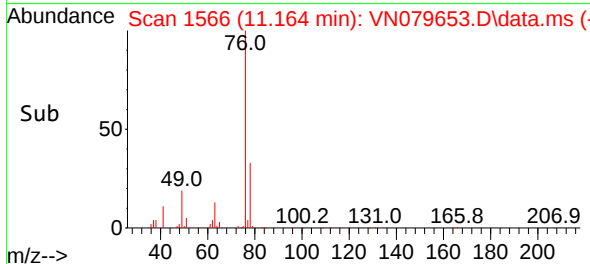
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 298825
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1

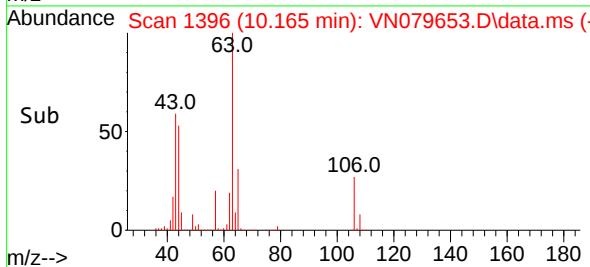
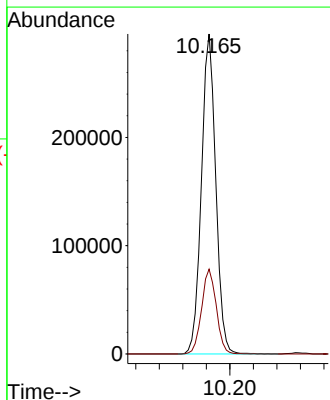
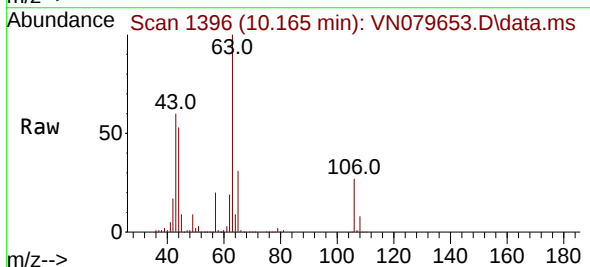
Manual Integrations
APPROVED

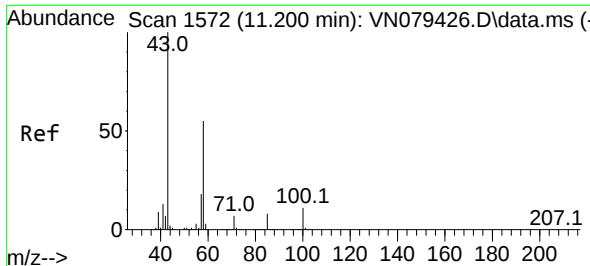
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#58
2-Chloroethyl Vinyl ether
Concen: 295.188 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

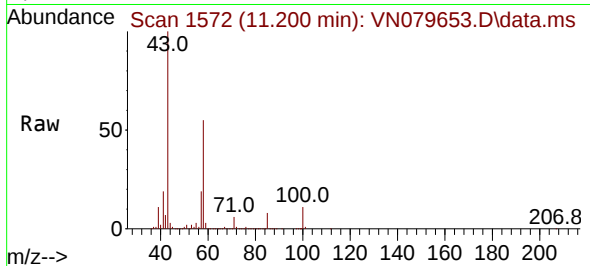
Tgt Ion: 63 Resp: 501450
Ion Ratio Lower Upper
63 100
106 27.1 26.2 39.4





#59
2-Hexanone
Concen: 260.419 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

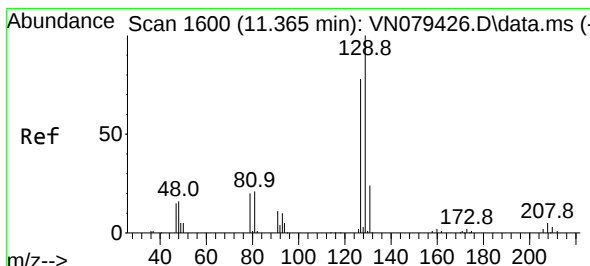
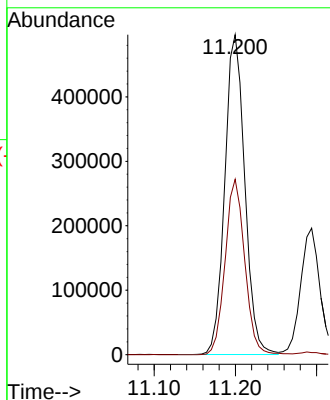
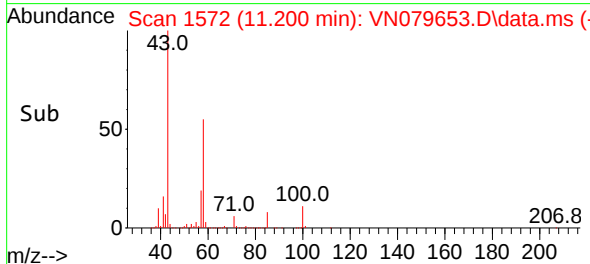
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 85057
Ion Ratio Lower Upper
43 100
58 53.7 31.7 95.1

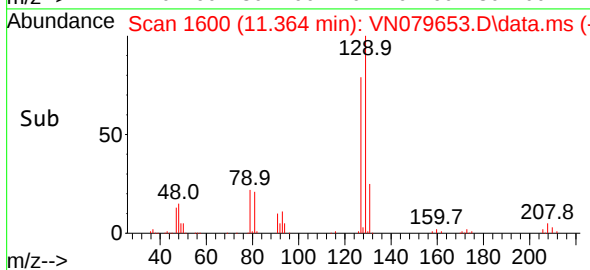
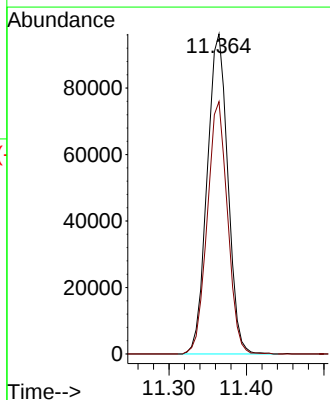
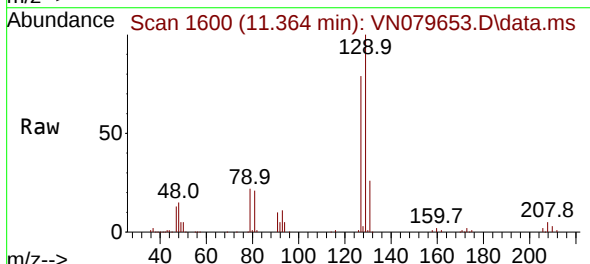
Manual Integrations
APPROVED

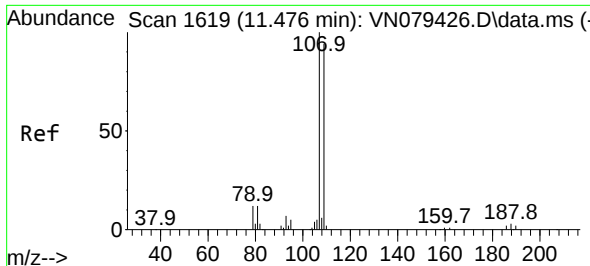
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#60
Dibromochloromethane
Concen: 55.047 ug/l
RT: 11.364 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

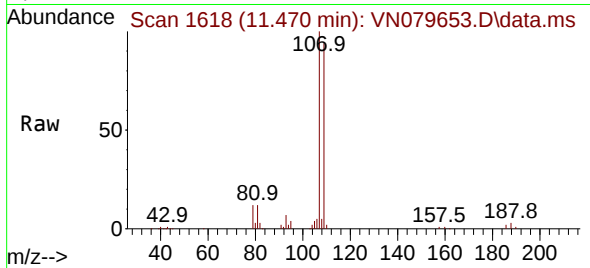
Tgt Ion:129 Resp: 178589
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.442 ug/l
RT: 11.470 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

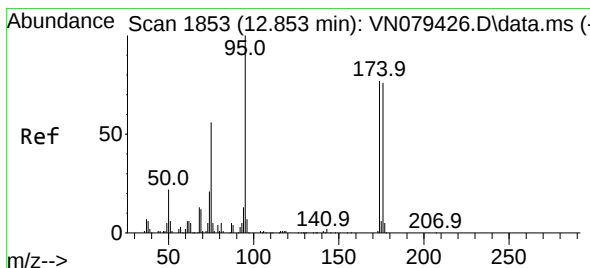
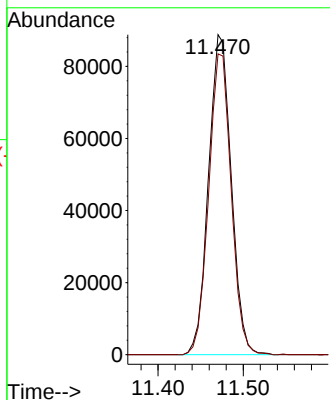
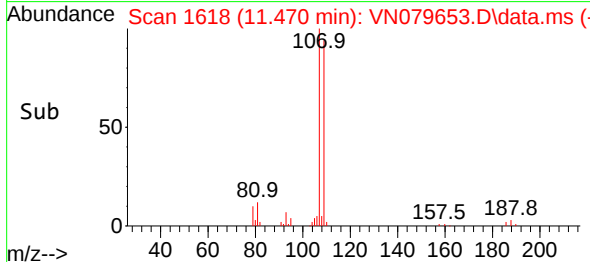
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 16479
Ion Ratio Lower Upper
107 100
109 93.1 76.6 114.8

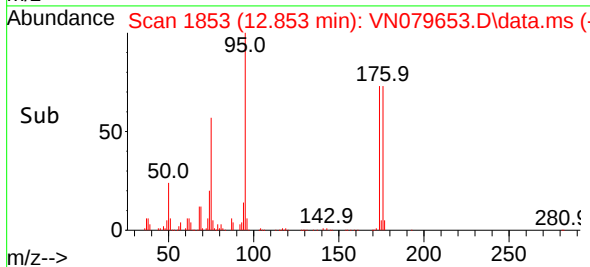
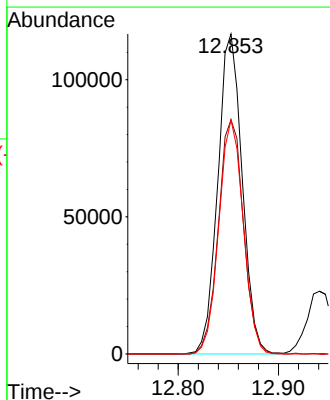
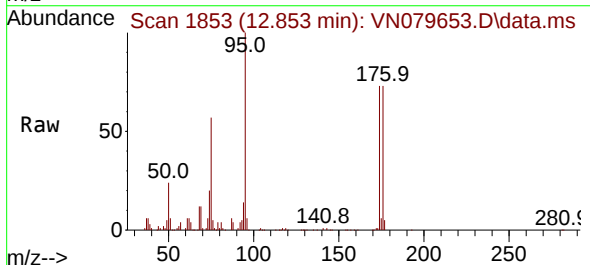
Manual Integrations
APPROVED

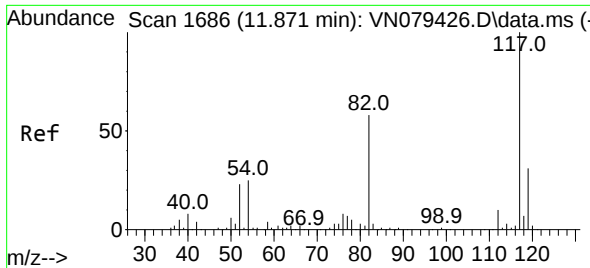
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#62
4-Bromofluorobenzene
Concen: 55.323 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

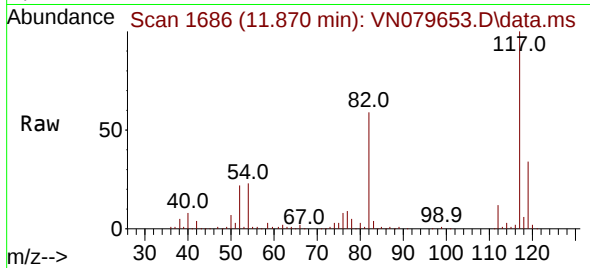
Tgt Ion: 95 Resp: 196872
Ion Ratio Lower Upper
95 100
174 75.5 0.0 143.8
176 73.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

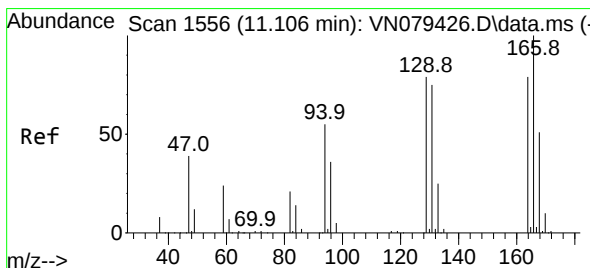
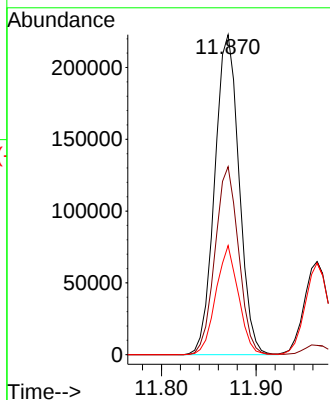
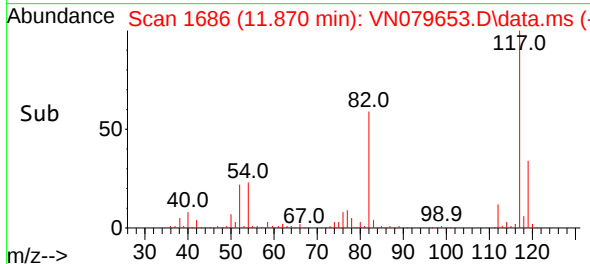
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



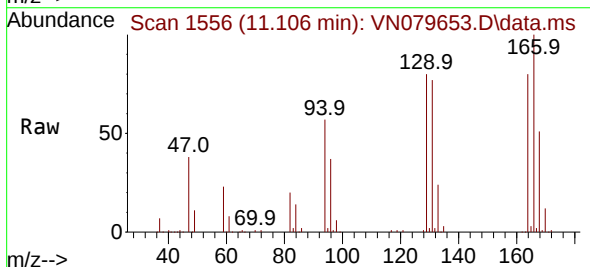
Tgt Ion:117 Resp: 398100
Ion Ratio Lower Upper
117 100
82 58.7 44.0 66.0
119 34.1 25.6 38.4

Manual Integrations
APPROVED

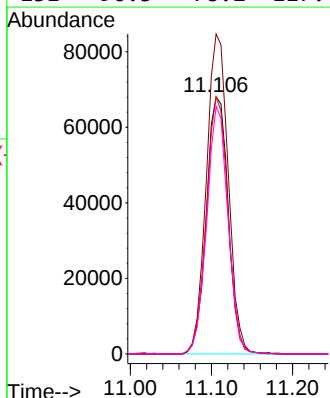
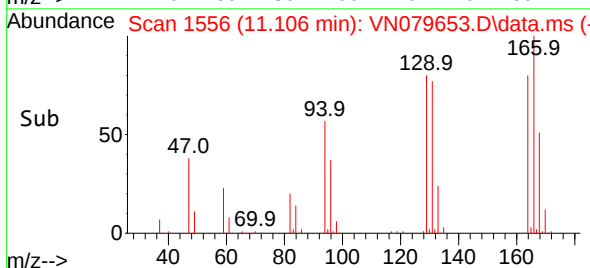
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

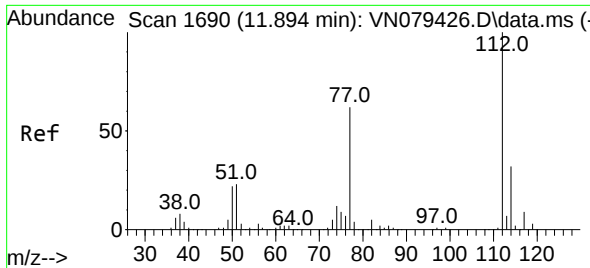


#64
Tetrachloroethene
Concen: 46.552 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10



Tgt Ion:164 Resp: 127489
Ion Ratio Lower Upper
164 100
166 124.5 101.4 152.0
129 100.1 82.4 123.6
131 96.3 78.2 117.4





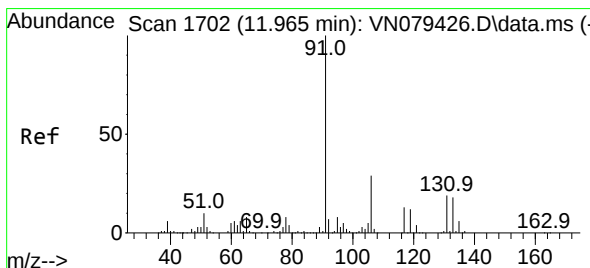
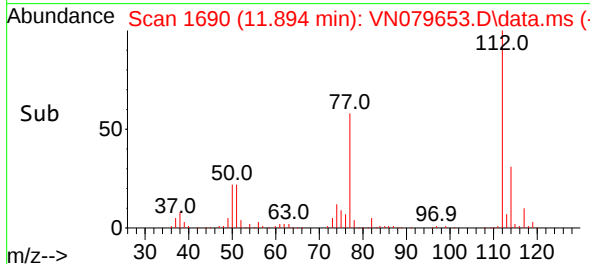
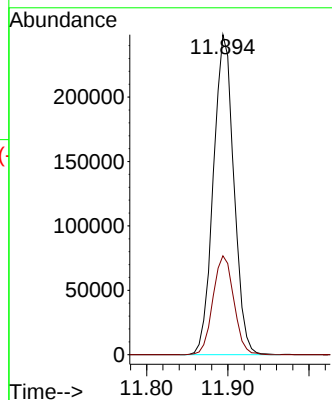
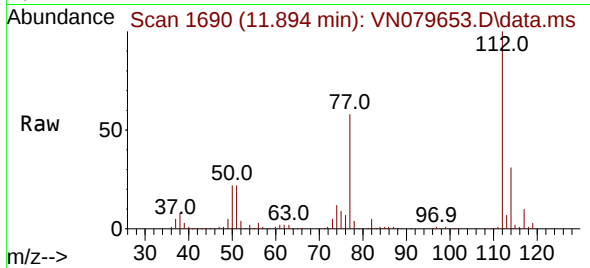
#65
Chlorobenzene
Concen: 49.078 ug/l
RT: 11.894 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:112 Resp: 435117
Ion Ratio Lower Upper
112 100
114 30.9 25.0 37.4

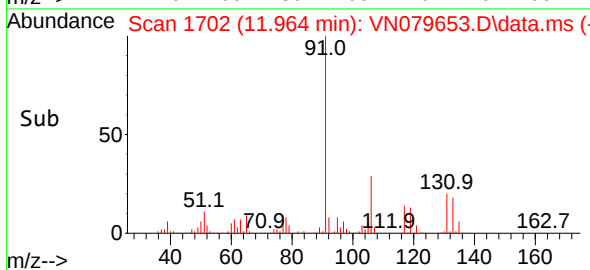
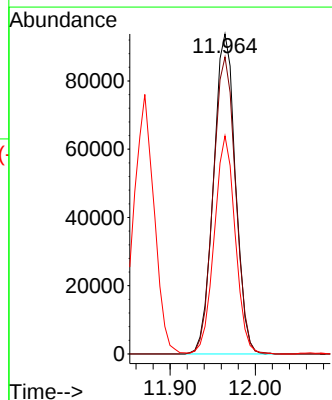
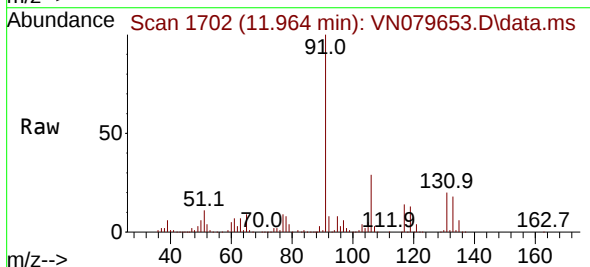
Manual Integrations
APPROVED

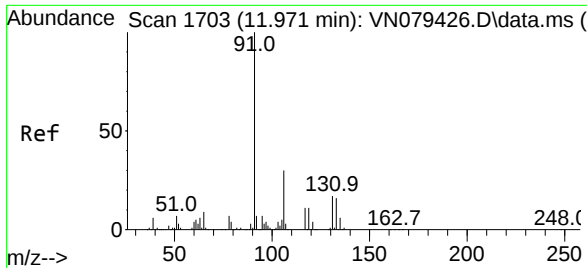
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 51.586 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

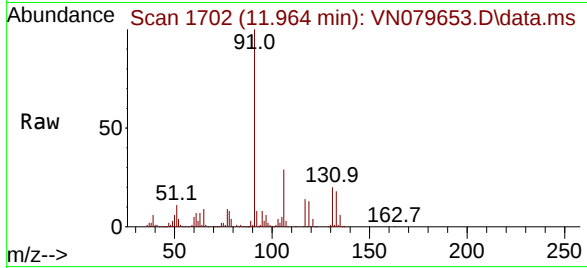
Tgt Ion:131 Resp: 167459
Ion Ratio Lower Upper
131 100
133 94.8 46.4 139.1
119 65.2 34.1 102.2





#67
Ethyl Benzene
Concen: 52.666 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

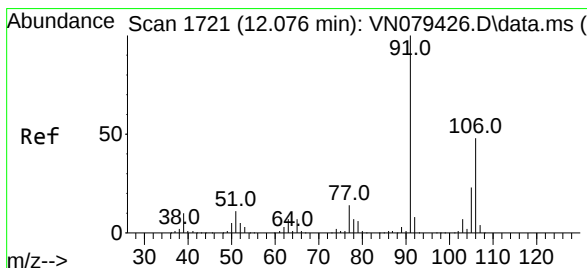
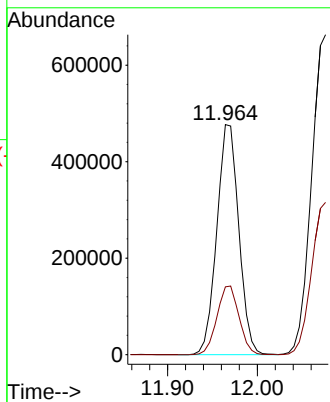
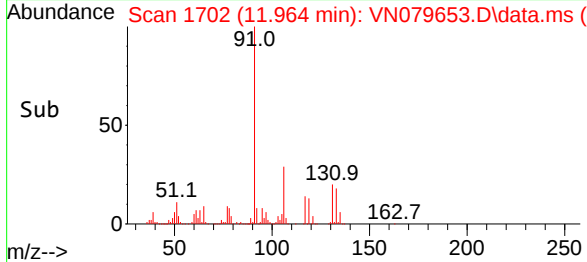
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 81157
Ion Ratio Lower Upper
91 100
106 29.5 25.6 38.4

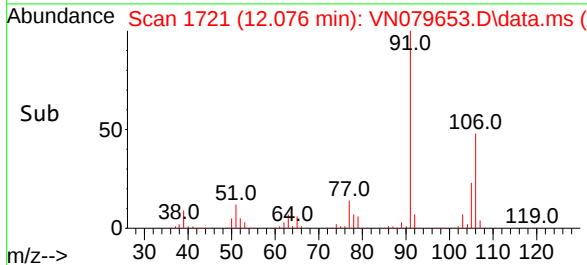
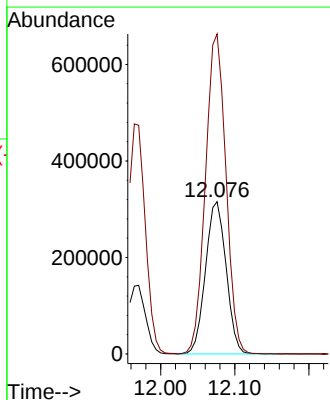
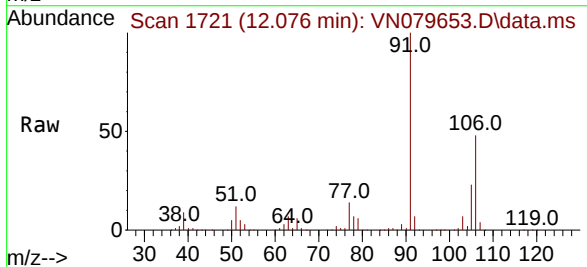
Manual Integrations
APPROVED

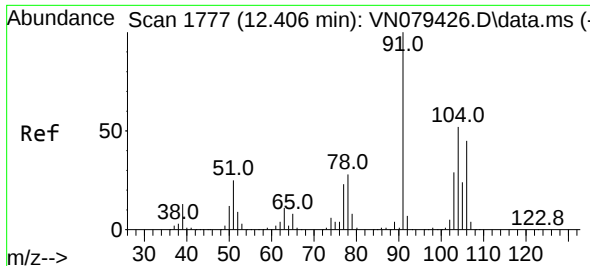
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#68
m/p-Xylenes
Concen: 108.755 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

Tgt Ion:106 Resp: 608931
Ion Ratio Lower Upper
106 100
91 209.0 159.6 239.4





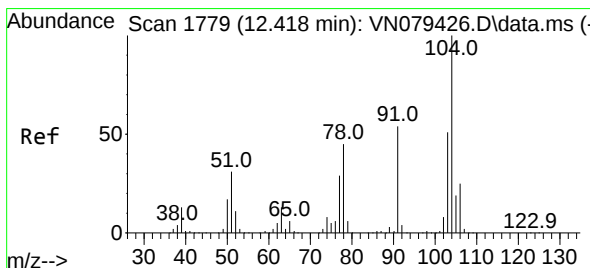
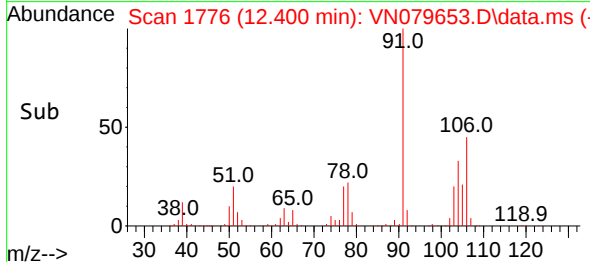
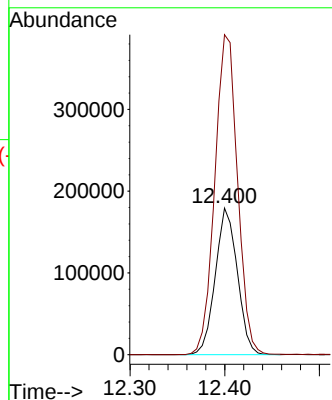
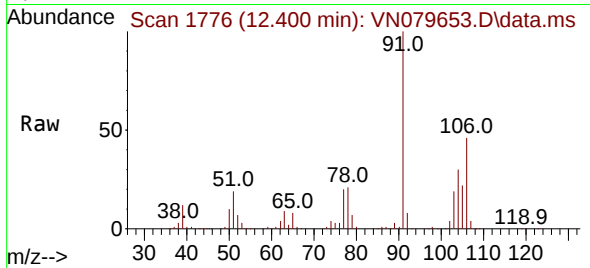
#69
o-Xylene
Concen: 52.608 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.006 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 289684
Ion Ratio Lower Upper
106 100
91 225.6 105.2 315.5

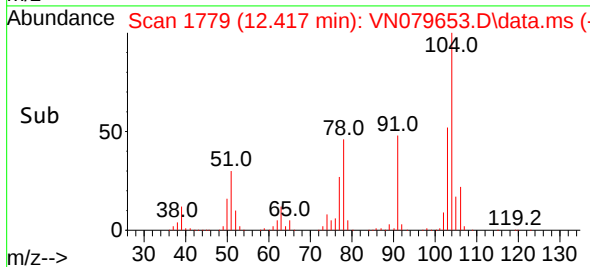
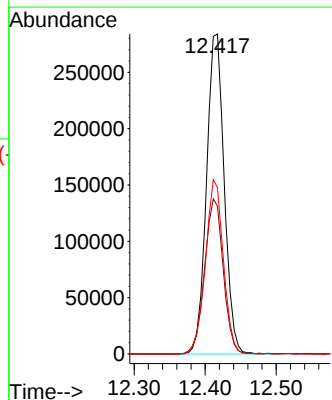
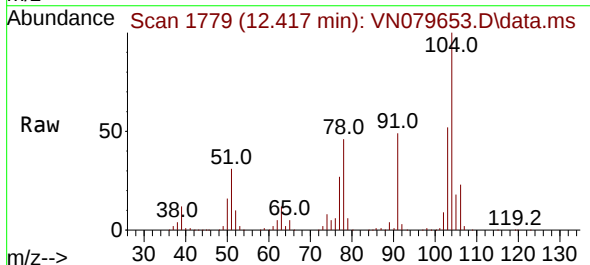
Manual Integrations
APPROVED

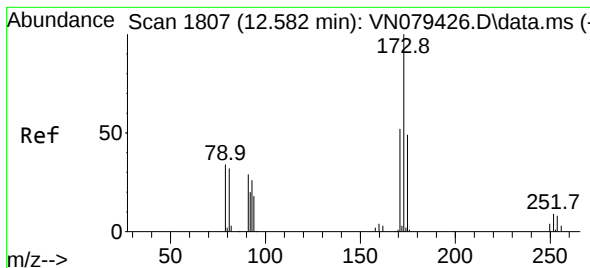
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#70
Styrene
Concen: 56.610 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

Tgt Ion:104 Resp: 492381
Ion Ratio Lower Upper
104 100
78 51.3 39.5 59.3
103 55.3 43.2 64.8





#71

Bromoform

Concen: 51.258 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.000 min

Lab File: VN079653.D

Acq: 23 Oct 2023 17:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

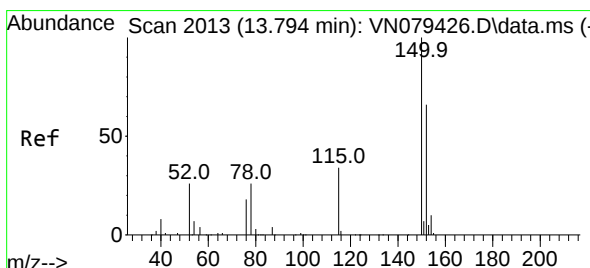
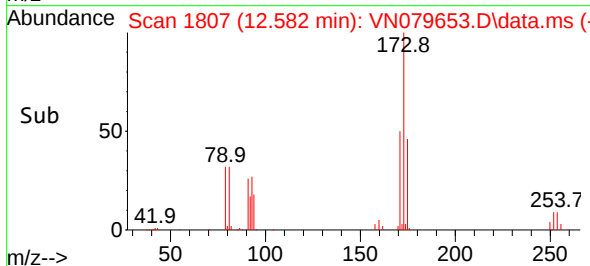
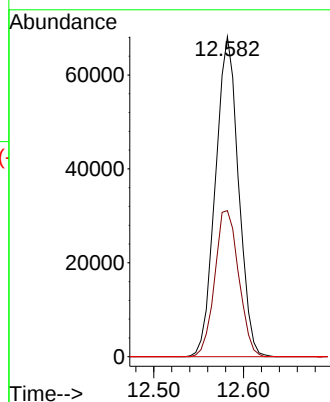
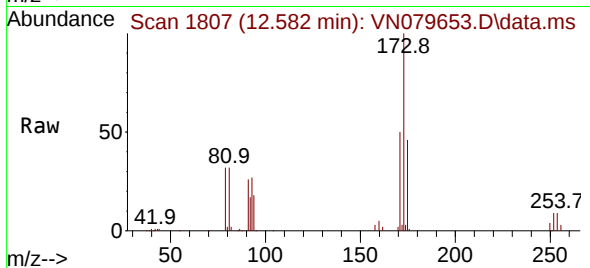
Tgt Ion:173 Resp: 12178
 Ion Ratio Lower Upper
 173 100
 175 47.3 24.3 73.0
 254 0.0 0.0 0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

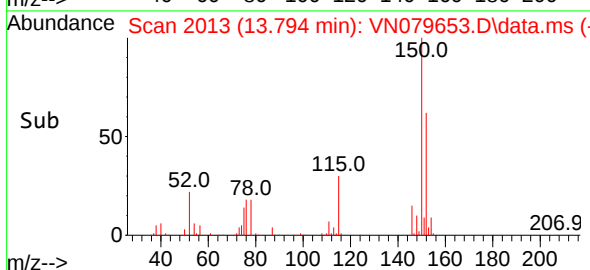
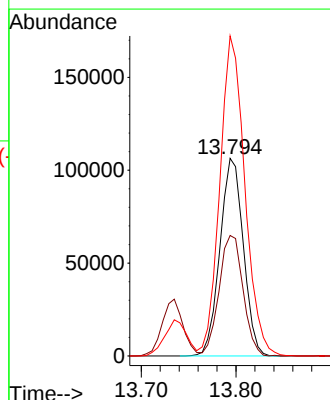
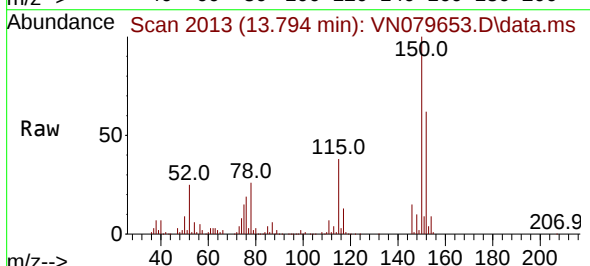
RT: 13.794 min Scan# 2013

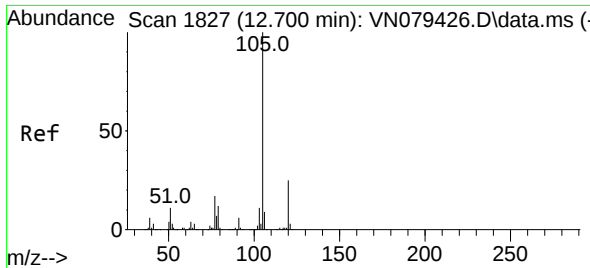
Delta R.T. -0.000 min

Lab File: VN079653.D

Acq: 23 Oct 2023 17:10

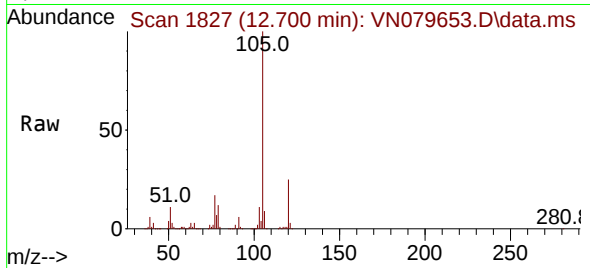
Tgt Ion:152 Resp: 182844
 Ion Ratio Lower Upper
 152 100
 115 62.2 32.3 96.8
 150 173.0 0.0 355.8





#73
Isopropylbenzene
Concen: 43.968 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

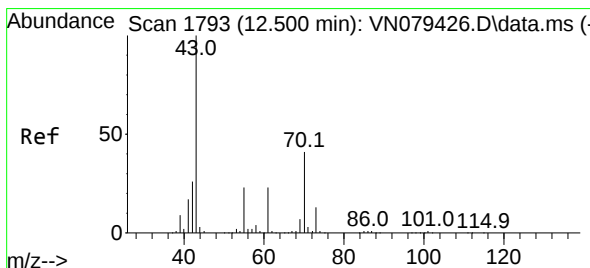
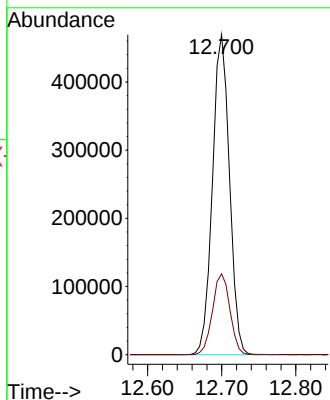
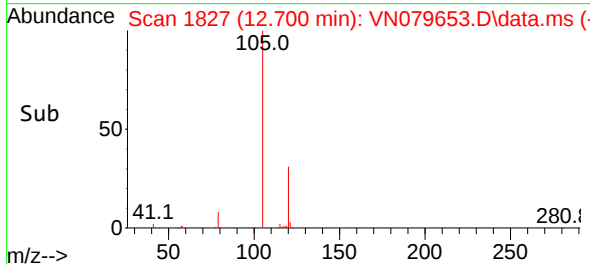
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:105 Resp: 747910
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1

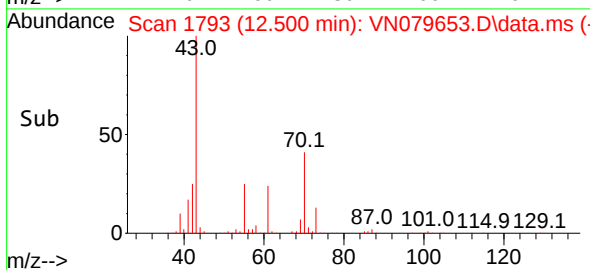
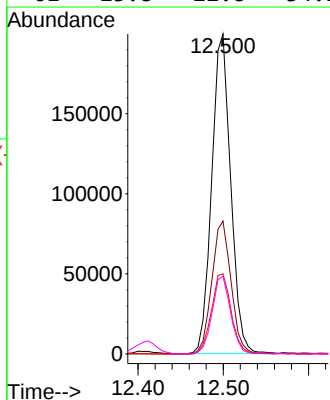
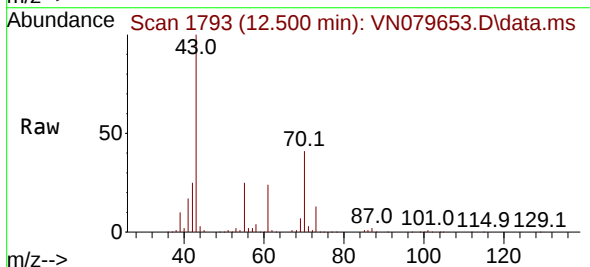
Manual Integrations
APPROVED

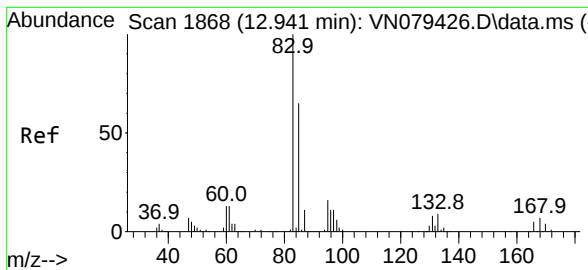
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#74
N-ethyl acetate
Concen: 44.225 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

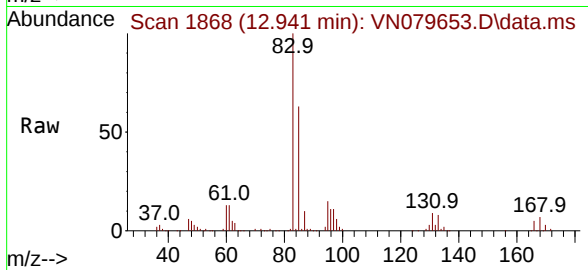
Tgt Ion: 43 Resp: 308407
Ion Ratio Lower Upper
43 100
70 42.1 43.4 65.2#
55 26.3 21.4 32.0
61 23.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 45.869 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

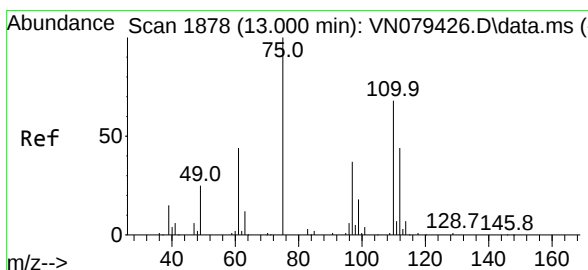
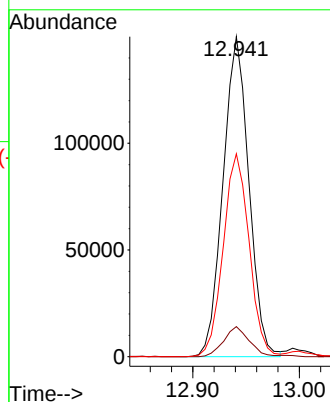
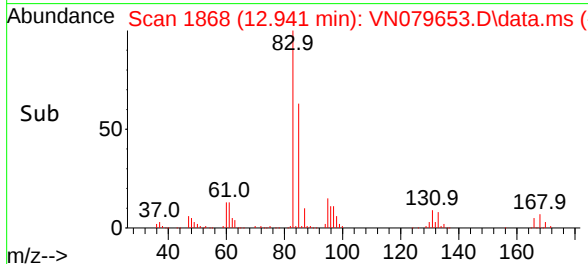
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 252392
Ion Ratio Lower Upper
83 100
131 9.5 5.0 15.0
85 63.6 31.9 95.7

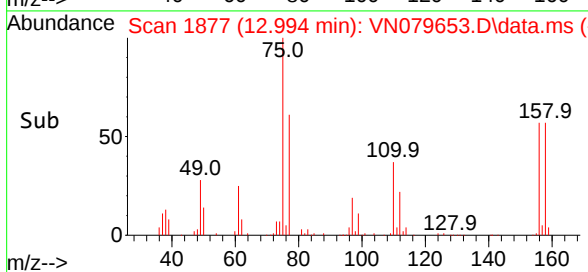
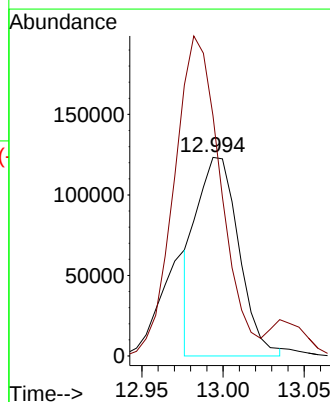
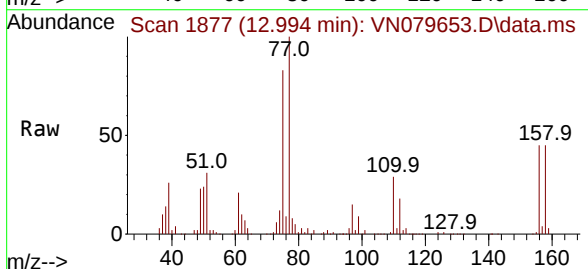
Manual Integrations
APPROVED

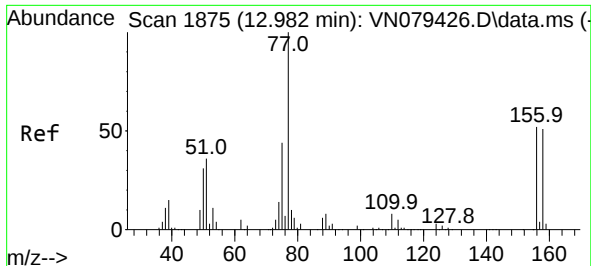
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#76
1,2,3-Trichloropropane
Concen: 42.519 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

Tgt Ion: 75 Resp: 224153
Ion Ratio Lower Upper
75 100
77 177.1 84.5 253.5





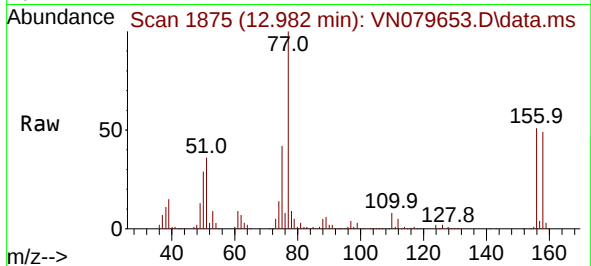
#77
Bromobenzene
Concen: 42.584 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



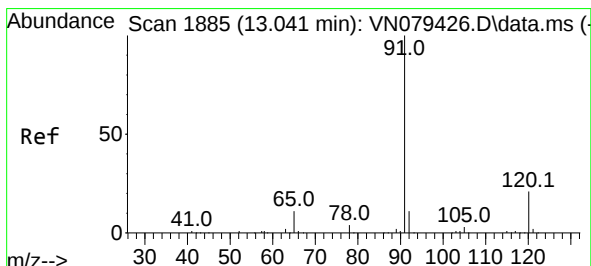
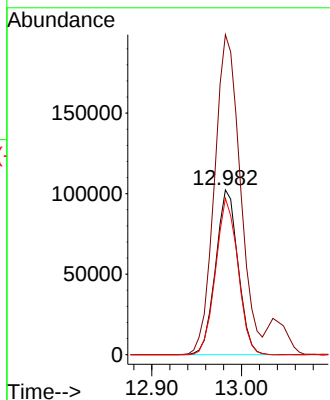
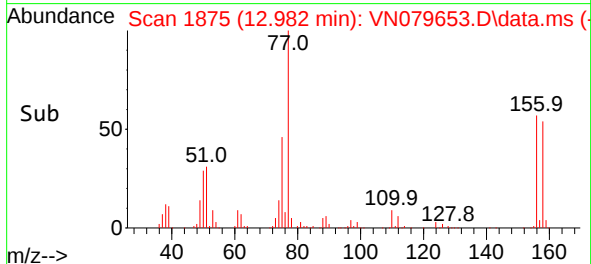
Tgt Ion:156 Resp: 177610
Ion Ratio Lower Upper
156 100
77 223.5 107.7 323.3
158 94.2 48.4 145.3

Manual Integrations

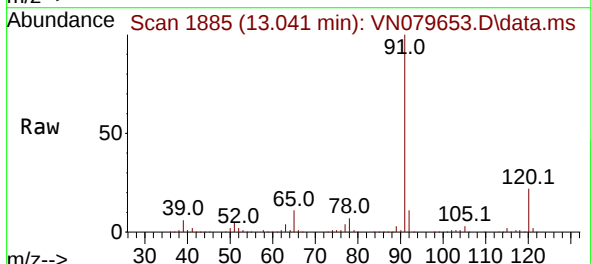
APPROVED

Reviewed By :John Carlone 10/24/2023

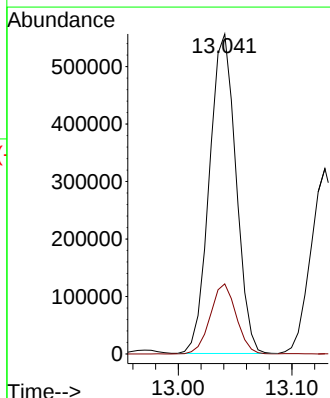
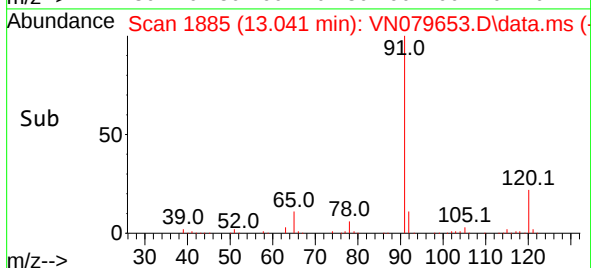
Supervised By :Semsettin Yesilyurt 10/24/2023

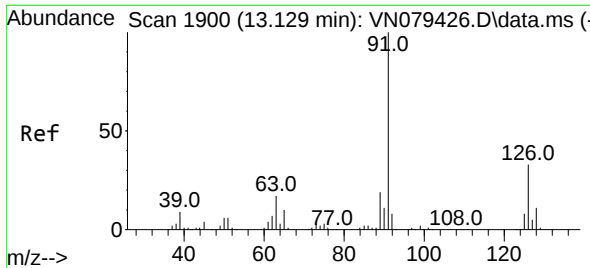


#78
n-propylbenzene
Concen: 46.999 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10



Tgt Ion: 91 Resp: 904535
Ion Ratio Lower Upper
91 100
120 21.4 11.5 34.4





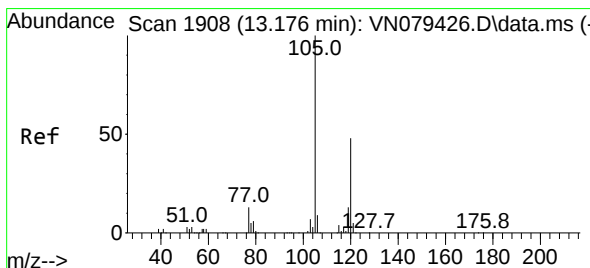
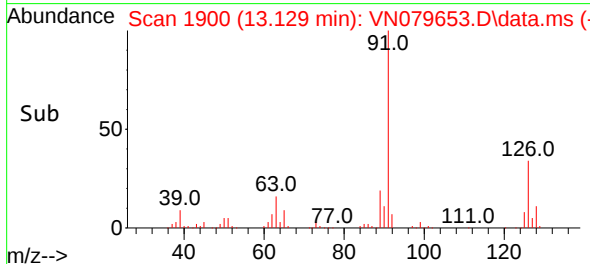
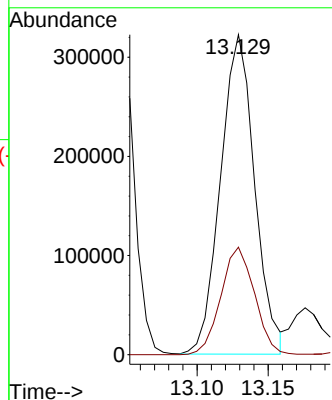
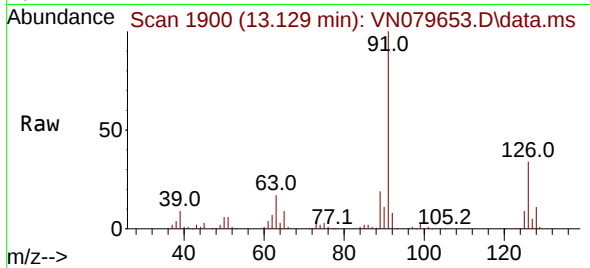
#79
2-Chlorotoluene
Concen: 43.724 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 538480
Ion Ratio Lower Upper
91 100
126 33.2 16.3 48.8

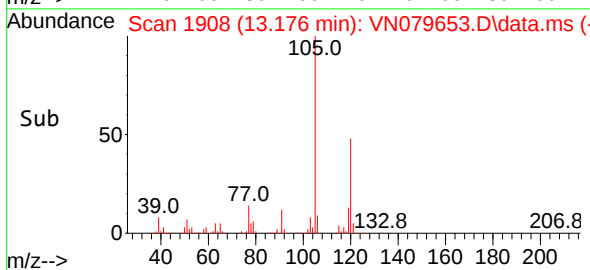
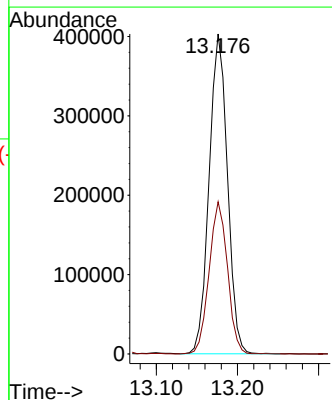
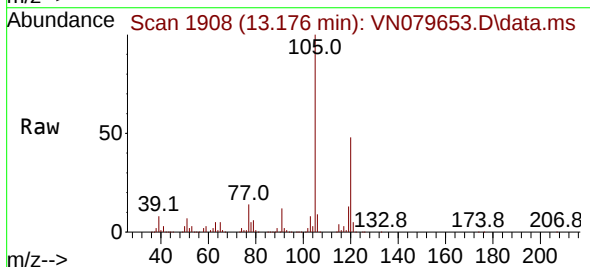
Manual Integrations
APPROVED

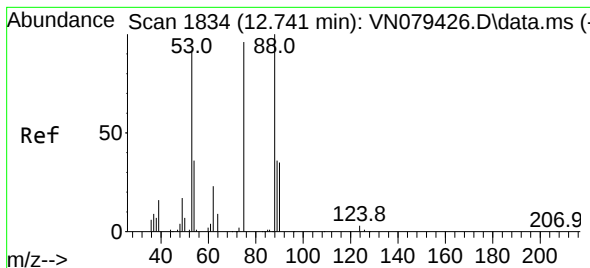
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#80
1,3,5-Trimethylbenzene
Concen: 47.095 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

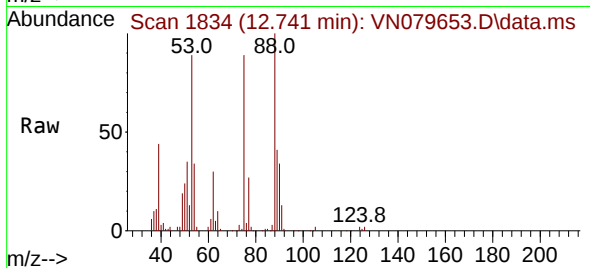
Tgt Ion:105 Resp: 631718
Ion Ratio Lower Upper
105 100
120 47.7 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 41.465 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

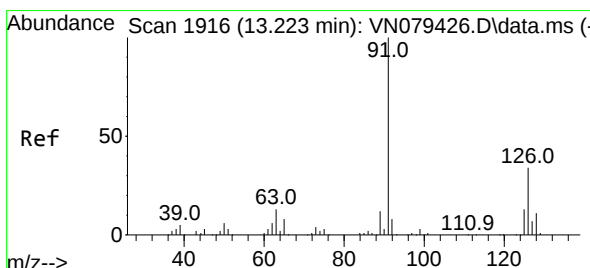
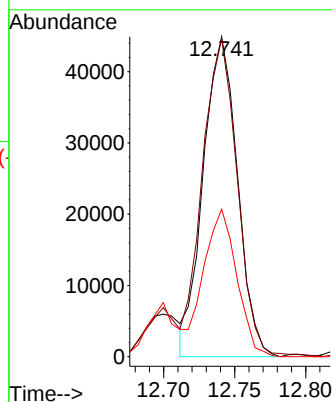
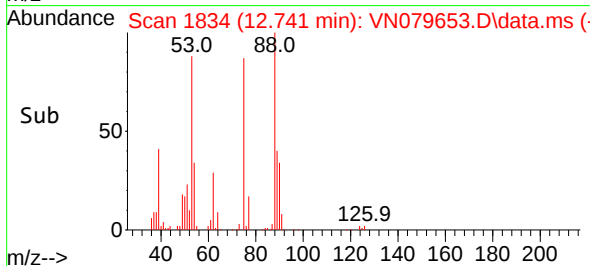
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 75 Resp: 75339
Ion Ratio Lower Upper
75 100
53 101.4 67.4 101.2
89 43.7 38.8 58.2

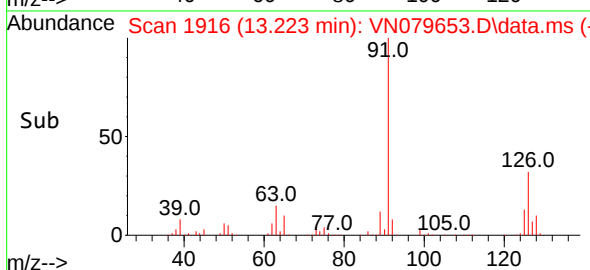
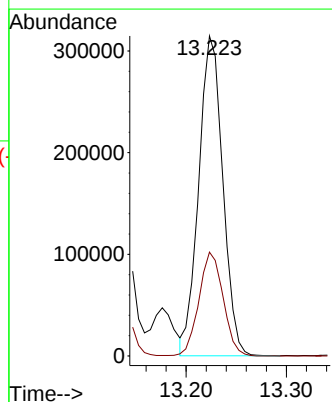
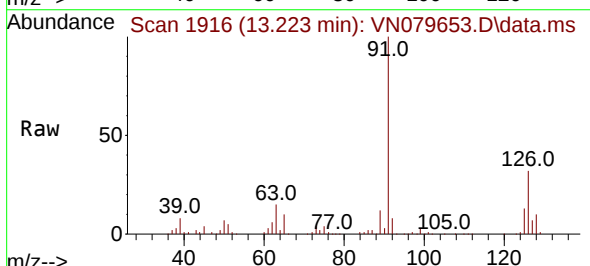
Manual Integrations
APPROVED

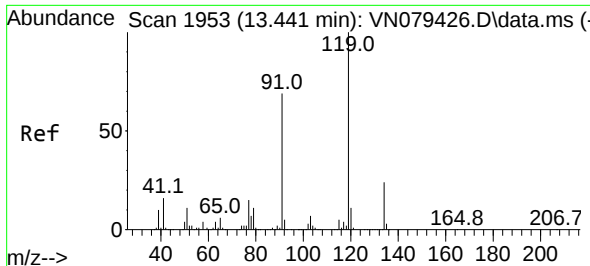
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#82
4-Chlorotoluene
Concen: 44.784 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

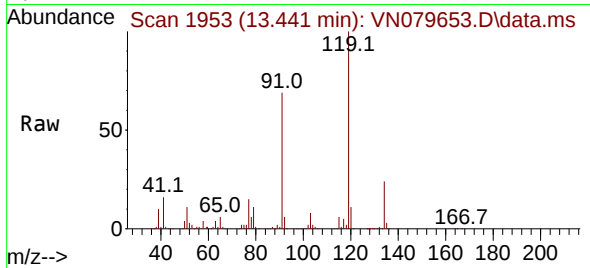
Tgt Ion: 91 Resp: 524821
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 45.294 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

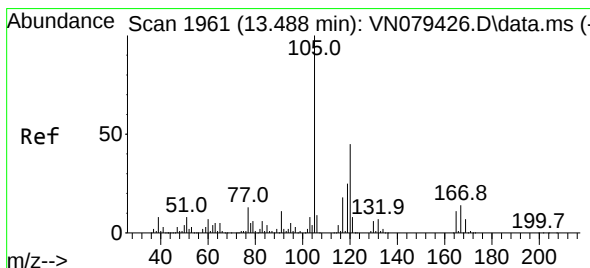
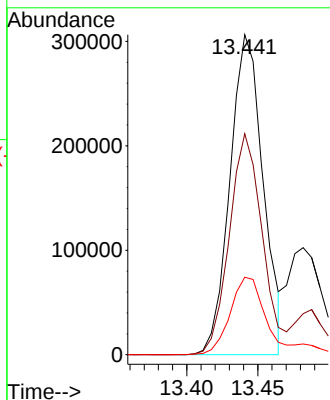
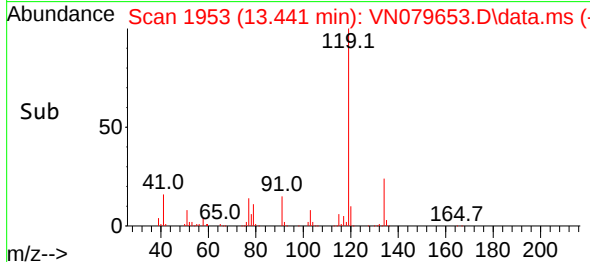
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



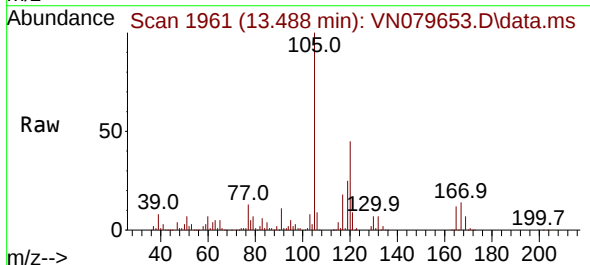
Tgt Ion:119 Resp: 497768
Ion Ratio Lower Upper
119 100
91 68.9 33.9 101.7
134 27.8 13.2 39.6

Manual Integrations
APPROVED

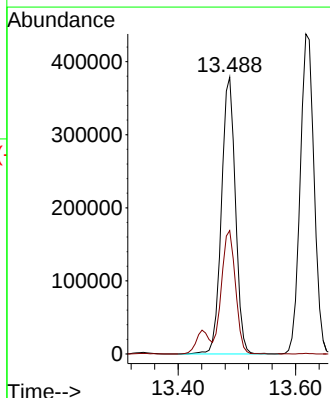
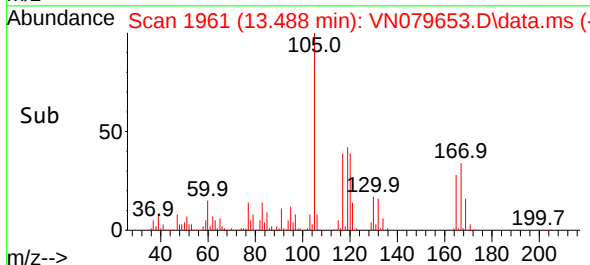
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#84
1,2,4-Trimethylbenzene
Concen: 48.691 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10



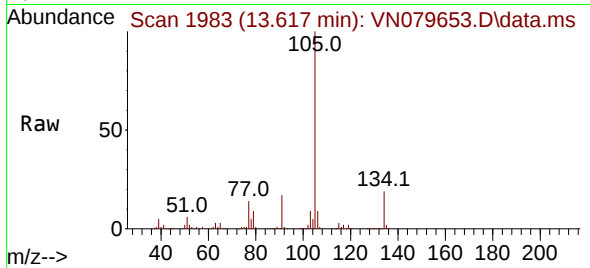
Tgt Ion:105 Resp: 623292
Ion Ratio Lower Upper
105 100
120 44.7 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 46.886 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079653.D
 Acq: 23 Oct 2023 17:10

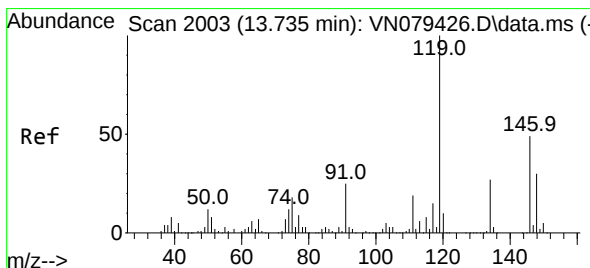
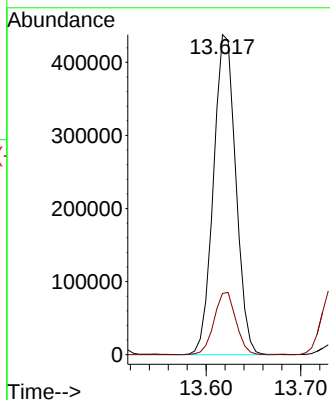
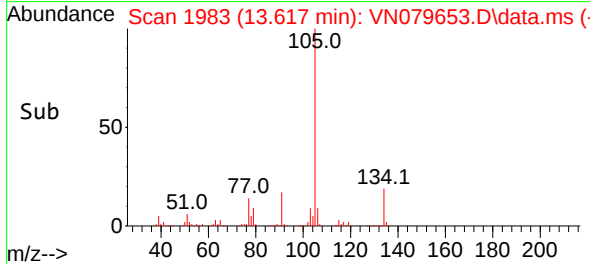
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



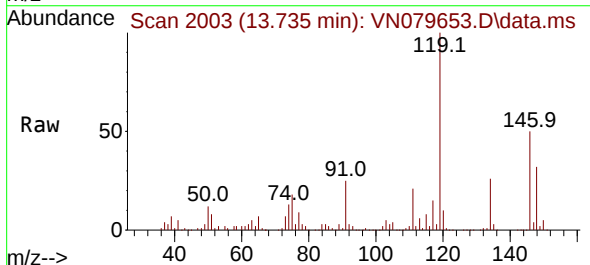
Tgt Ion:105 Resp: 718709
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3

Manual Integrations
 APPROVED

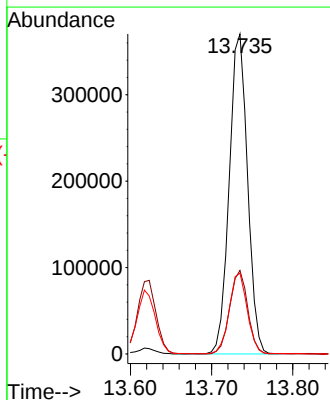
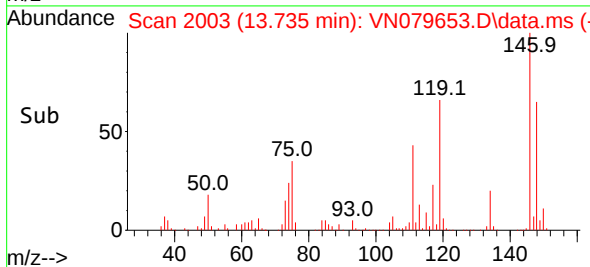
Reviewed By :John Carlone 10/24/2023
 Supervised By :Semsettin Yesilyurt 10/24/2023

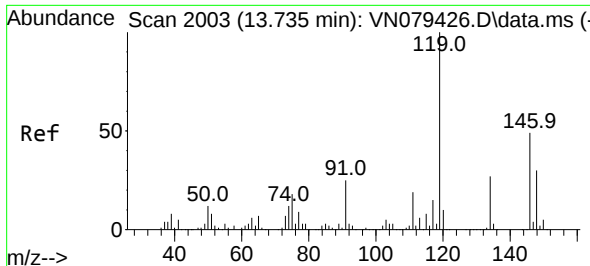


#86
 p-Isopropyltoluene
 Concen: 49.317 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN079653.D
 Acq: 23 Oct 2023 17:10



Tgt Ion:119 Resp: 579950
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.8 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 46.917 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.000 min

Lab File: VN079653.D

Acq: 23 Oct 2023 17:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

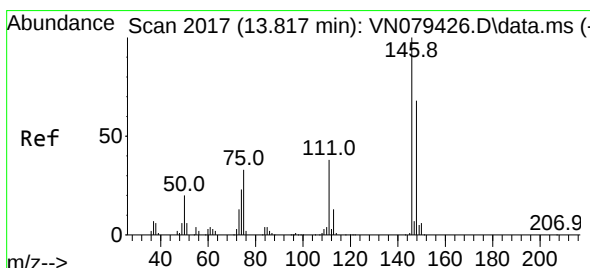
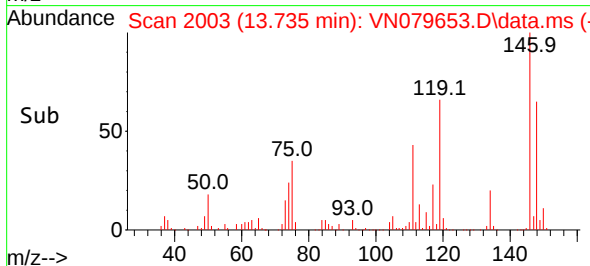
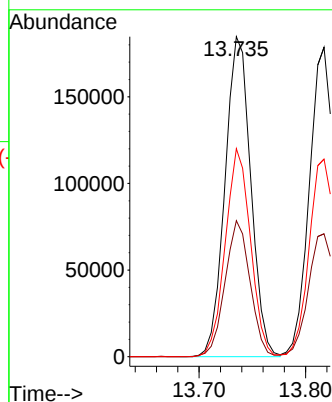
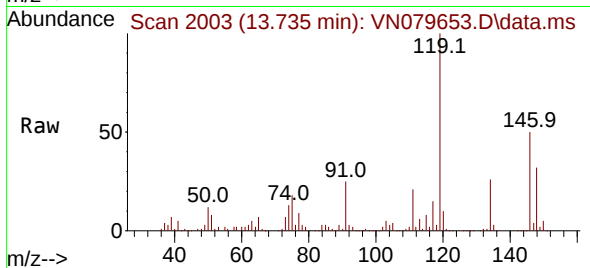
Tgt Ion:146 Resp: 310375
 Ion Ratio Lower Upper
 146 100
 111 41.4 22.1 66.3
 148 63.7 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#88

1,4-Dichlorobenzene

Concen: 43.648 ug/l

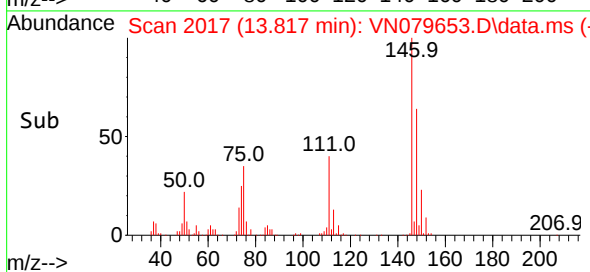
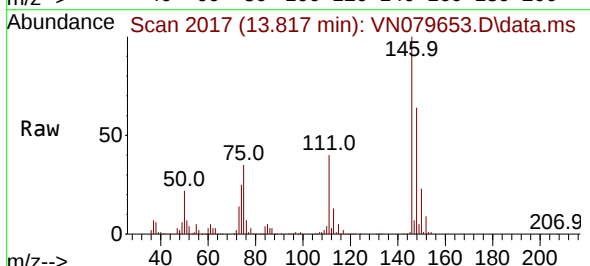
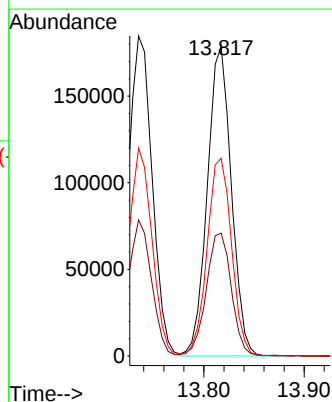
RT: 13.817 min Scan# 2017

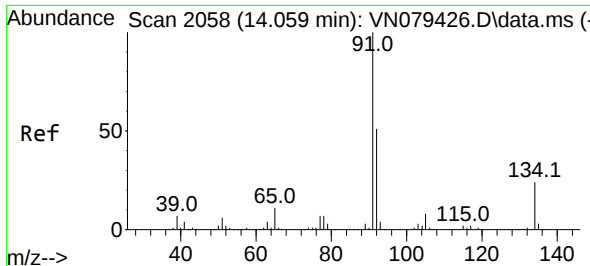
Delta R.T. -0.000 min

Lab File: VN079653.D

Acq: 23 Oct 2023 17:10

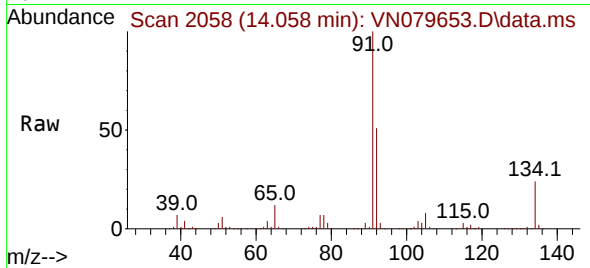
Tgt Ion:146 Resp: 298153
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.6 61.8
 148 65.0 31.6 94.8





#89
n-Butylbenzene
Concen: 50.523 ug/l
RT: 14.058 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

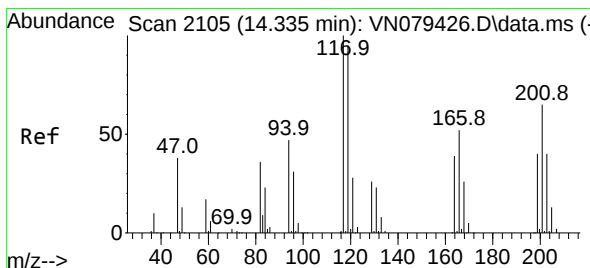
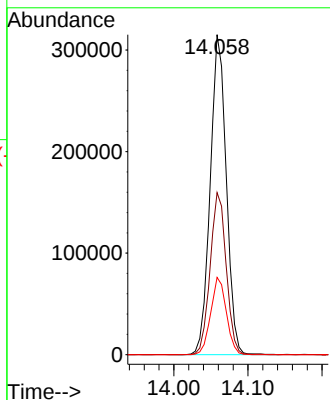
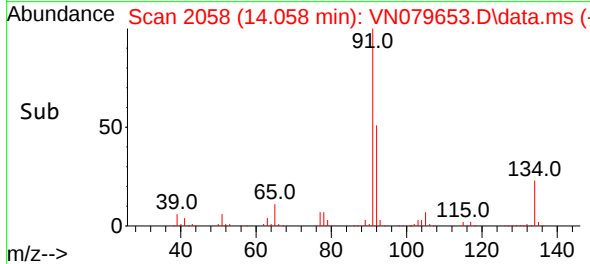
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 474440
Ion Ratio Lower Upper
91 100
92 50.7 26.4 79.0
134 23.5 12.6 37.6

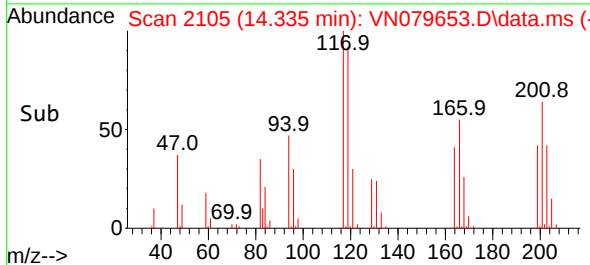
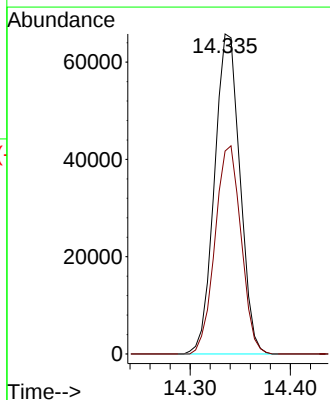
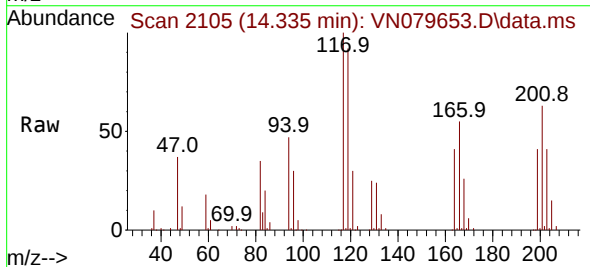
Manual Integrations
APPROVED

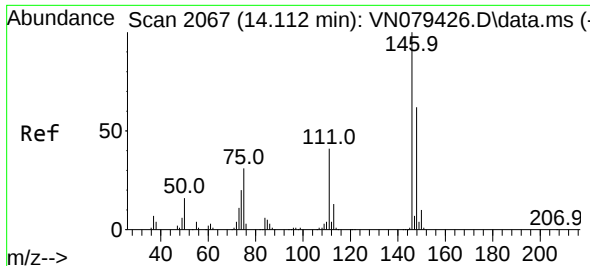
Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#90
Hexachloroethane
Concen: 48.619 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

Tgt Ion:117 Resp: 116141
Ion Ratio Lower Upper
117 100
201 66.5 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 46.259 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. -0.000 min

Lab File: VN079653.D

Acq: 23 Oct 2023 17:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 29850

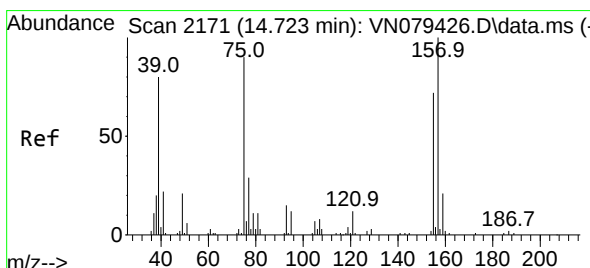
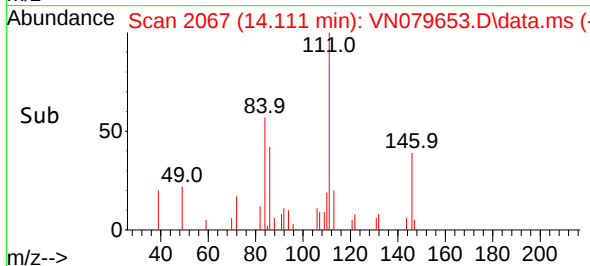
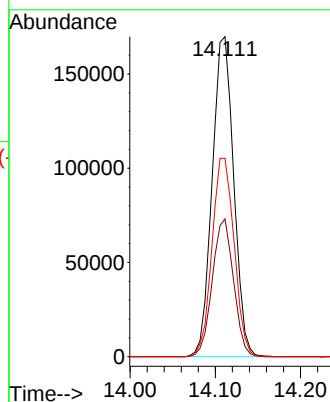
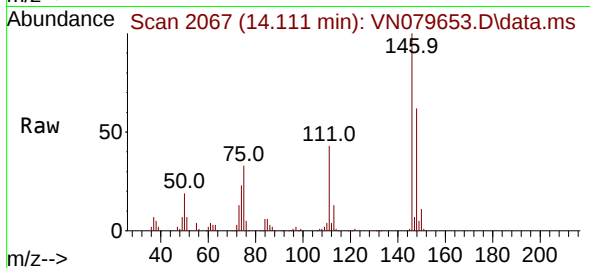
Ion	Ratio	Lower	Upper
146	100		
111	42.4	22.0	66.0
148	63.7	31.8	95.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 40.736 ug/l

RT: 14.723 min Scan# 2171

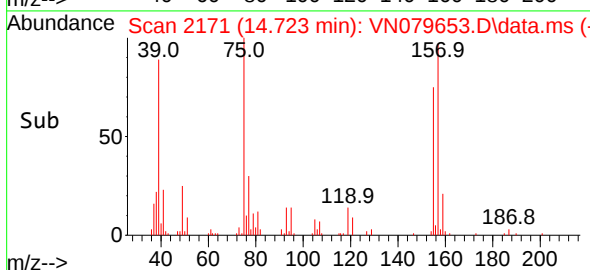
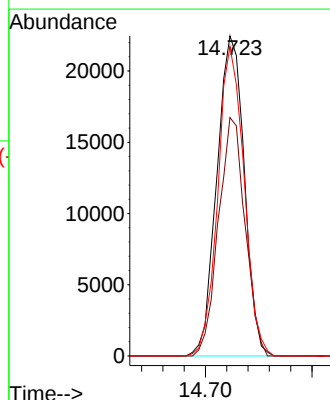
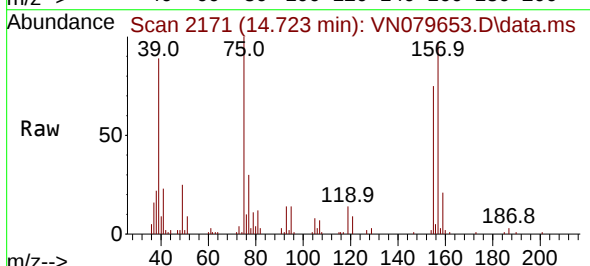
Delta R.T. -0.000 min

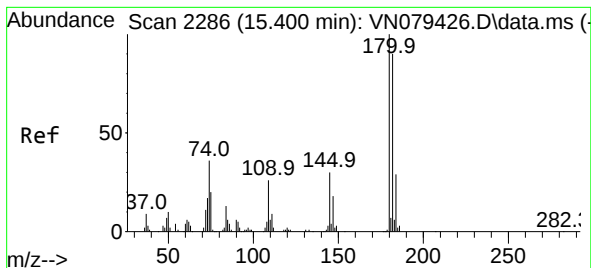
Lab File: VN079653.D

Acq: 23 Oct 2023 17:10

Tgt Ion: 75 Resp: 40069

Ion	Ratio	Lower	Upper
75	100		
155	72.3	39.1	117.2
157	92.5	50.3	150.9





#93

1,2,4-Trichlorobenzene

Concen: 47.437 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN079653.D

Acq: 23 Oct 2023 17:10

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

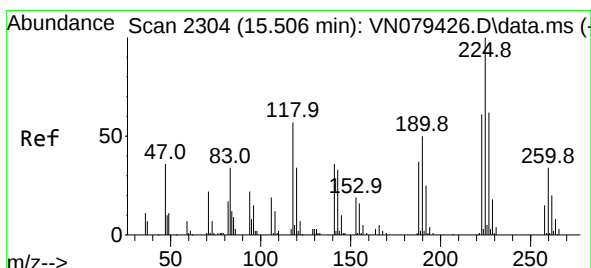
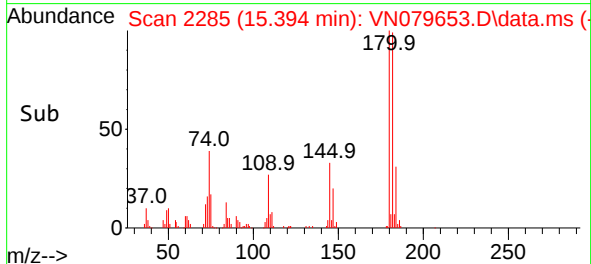
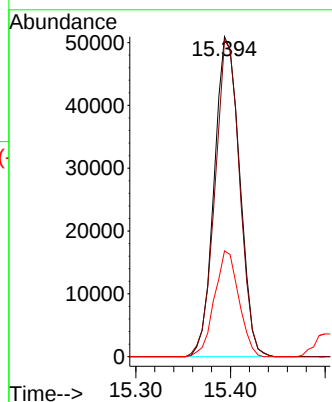
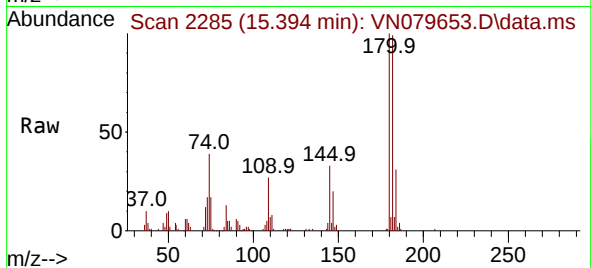
Tgt Ion:180	Resp:	9480
Ion Ratio	Lower	Upper
180	100	
182	96.2	46.1 138.2
145	31.8	16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/24/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#94

Hexachlorobutadiene

Concen: 43.134 ug/l

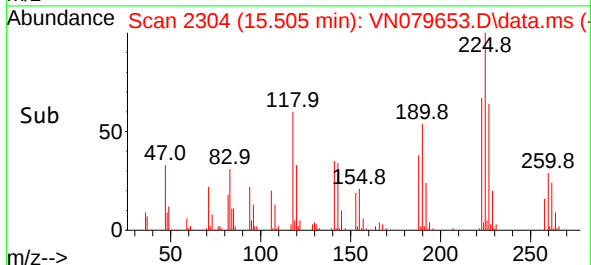
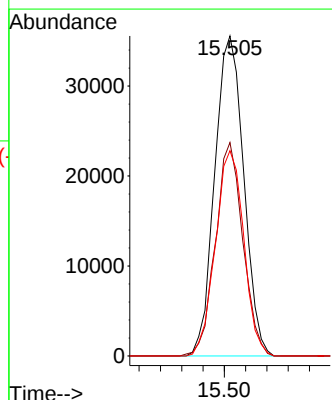
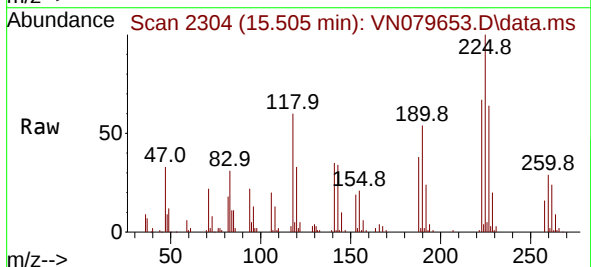
RT: 15.505 min Scan# 2304

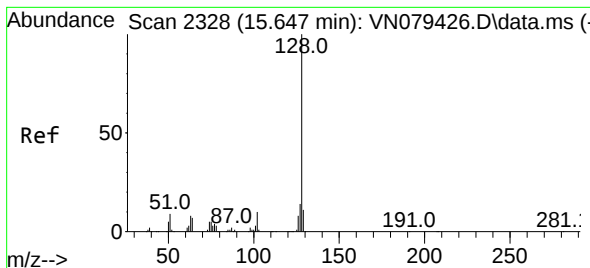
Delta R.T. -0.000 min

Lab File: VN079653.D

Acq: 23 Oct 2023 17:10

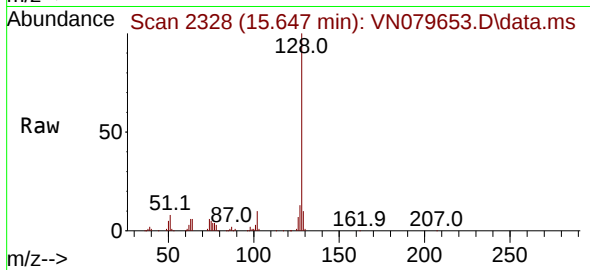
Tgt Ion:225	Resp:	67141
Ion Ratio	Lower	Upper
225	100	
223	63.1	31.3 93.8
227	62.7	31.9 95.9





#95
Naphthalene
Concen: 39.696 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10

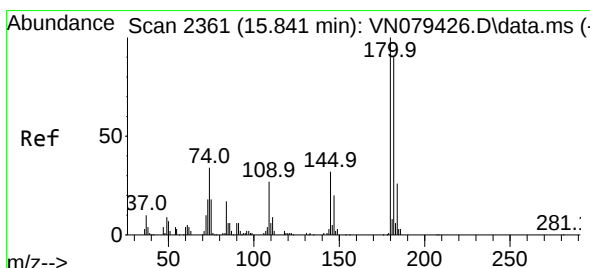
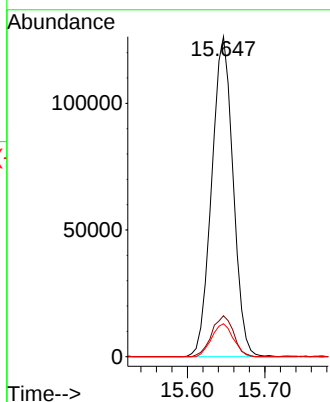
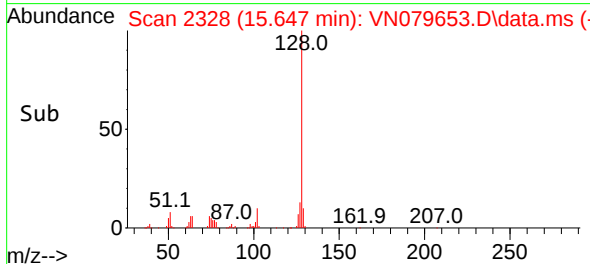
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



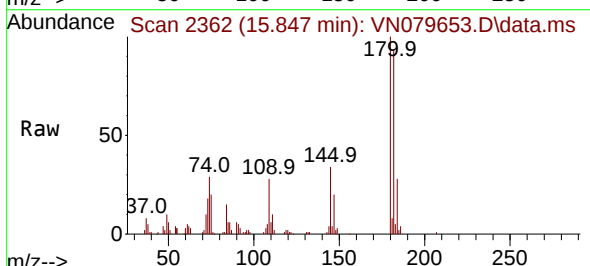
Tgt Ion:128 Resp: 242259
Ion Ratio Lower Upper
128 100
127 13.1 10.0 15.0
129 10.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/24/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#96
1,2,3-Trichlorobenzene
Concen: 42.491 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.006 min
Lab File: VN079653.D
Acq: 23 Oct 2023 17:10



Tgt Ion:180 Resp: 101340
Ion Ratio Lower Upper
180 100
182 91.5 46.2 138.6
145 32.7 17.5 52.6

