

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012523\
 Data File : VN076390.D
 Acq On : 25 Jan 2023 10:14
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 26 07:09:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/26/2023
 Supervised By : Semsettin Yesilyurt 01/26/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	362257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	585664	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	535386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	266034	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	210869	51.988	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.980%			
35) Dibromofluoromethane	8.177	113	182667	49.860	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.720%			
50) Toluene-d8	10.571	98	683608	50.525	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.060%			
62) 4-Bromofluorobenzene	12.853	95	244131	55.272	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	169872	45.760	ug/l	96
3) Chloromethane	2.371	50	181366	47.187	ug/l	97
4) Vinyl Chloride	2.530	62	265537	56.342	ug/l	99
5) Bromomethane	2.953	94	197078	51.063	ug/l	98
6) Chloroethane	3.130	64	184890	52.318	ug/l	97
7) Trichlorofluoromethane	3.512	101	325517	50.204	ug/l	99
8) Diethyl Ether	3.977	74	110528	50.823	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.389	101	178779	48.707	ug/l	96
10) Methyl Iodide	4.606	142	259860	46.348	ug/l	97
11) Tert butyl alcohol	5.536	59	120423	221.964	ug/l	100
12) 1,1-Dichloroethene	4.359	96	164919	47.530	ug/l	93
13) Acrolein	4.194	56	189110	291.468	ug/l	100
14) Allyl chloride	5.036	41	199072	49.233	ug/l	97
15) Acrylonitrile	5.730	53	382611	247.824	ug/l	100
16) Acetone	4.442	43	387651	298.144	ug/l	97
17) Carbon Disulfide	4.724	76	375137	43.421	ug/l	96
18) Methyl Acetate	5.041	43	207629	47.118	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	572927	50.720	ug/l	97
20) Methylene Chloride	5.289	84	189283	49.186	ug/l	99
21) trans-1,2-Dichloroethene	5.800	96	173886	46.259	ug/l	97
22) Diisopropyl ether	6.683	45	513868	53.890	ug/l	98
23) Vinyl Acetate	6.612	43	1610558	261.337	ug/l	98
24) 1,1-Dichloroethane	6.583	63	319541	50.273	ug/l	98
25) 2-Butanone	7.488	43	510680	257.152	ug/l	96
26) 2,2-Dichloropropane	7.500	77	263960	49.273	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	214675	48.966	ug/l	97
28) Bromochloromethane	7.818	49	136753	53.081	ug/l	94
29) Tetrahydrofuran	7.841	42	313986	256.175	ug/l	96
30) Chloroform	7.971	83	361015	51.331	ug/l	99
31) Cyclohexane	8.265	56	281641	45.201	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	321926	50.135	ug/l	98
36) 1,1-Dichloropropene	8.377	75	258030	49.565	ug/l	99
37) Ethyl Acetate	7.565	43	199332	47.739	ug/l	99
38) Carbon Tetrachloride	8.371	117	291396	50.194	ug/l	100
39) Methylcyclohexane	9.606	83	315061	49.559	ug/l	96
40) Benzene	8.612	78	770479	49.496	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	108711	49.723	ug/l	96
42) 1,2-Dichloroethane	8.677	62	275034	51.640	ug/l	98
43) Isopropyl Acetate	8.694	43	339731	50.013	ug/l	99
44) Trichloroethene	9.359	130	204087	46.355	ug/l	98
45) 1,2-Dichloropropane	9.624	63	188611	50.608	ug/l	97
46) Dibromomethane	9.712	93	137950	49.025	ug/l	99
47) Bromodichloromethane	9.888	83	288326	52.831	ug/l	98
48) Methyl methacrylate	9.682	41	164052	51.014	ug/l	97
49) 1,4-Dioxane	9.700	88	65947	971.868	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	1031947	258.786	ug/l	98
52) Toluene	10.635	92	509510	48.945	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	278844	53.597	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	309621	51.729	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	198759	49.952	ug/l	99
56) Ethyl methacrylate	10.876	69	278591	54.233	ug/l	98
57) 1,3-Dichloropropane	11.165	76	326483	50.491	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	418612	241.387	ug/l	98
59) 2-Hexanone	11.200	43	756701	261.864	ug/l	99
60) Dibromochloromethane	11.365	129	222905	53.217	ug/l	99
61) 1,2-Dibromoethane	11.470	107	198979	50.100	ug/l	98
64) Tetrachloroethene	11.106	164	207871	43.054	ug/l	97
65) Chlorobenzene	11.894	112	546108	48.254	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	209534	49.761	ug/l	99
67) Ethyl Benzene	11.965	91	998953	51.574	ug/l	99
68) m/p-Xylenes	12.070	106	786020	101.202	ug/l	98
69) o-Xylene	12.400	106	385209	50.504	ug/l	97
70) Styrene	12.412	104	637197	52.321	ug/l	98
71) Bromoform	12.582	173	157857	51.911	ug/l #	100
73) Isopropylbenzene	12.700	105	1017008	49.416	ug/l	100
74) N-amyl acetate	12.494	43	294607	49.765	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	274621	46.418	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	243767m	50.304	ug/l	
77) Bromobenzene	12.982	156	238073	49.473	ug/l	99
78) n-propylbenzene	13.035	91	1182332	50.915	ug/l	100
79) 2-Chlorotoluene	13.129	91	693880	48.694	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	878413	50.948	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	77976	48.768	ug/l	98
82) 4-Chlorotoluene	13.129	91	693880	48.694	ug/l	98
83) tert-Butylbenzene	13.441	119	760403	49.587	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	878233	50.799	ug/l	99
85) sec-Butylbenzene	13.617	105	1098903	51.644	ug/l	98
86) p-Isopropyltoluene	13.729	119	952287	54.424	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	463714	47.805	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	447799	48.532	ug/l	99
89) n-Butylbenzene	14.059	91	763047	54.935	ug/l	99
90) Hexachloroethane	14.335	117	156057	51.676	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	443365	45.890	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	48522	47.181	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	208048	44.707	ug/l	98
94) Hexachlorobutadiene	15.506	225	115977	45.236	ug/l	99
95) Naphthalene	15.641	128	580794	42.312	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	199795	45.017	ug/l	99

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Manual Integrations
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Quant Title : SW846 8260
QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration

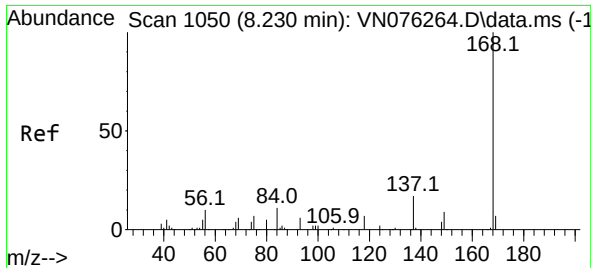
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

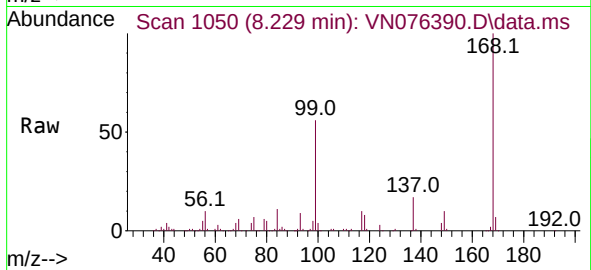
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN076390.D
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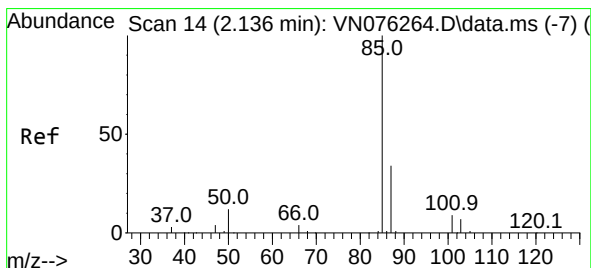
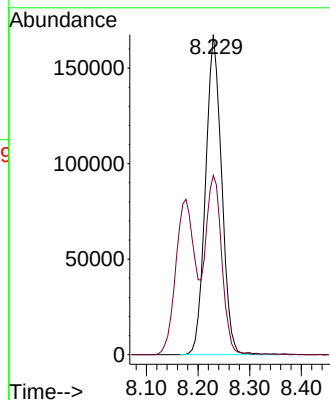
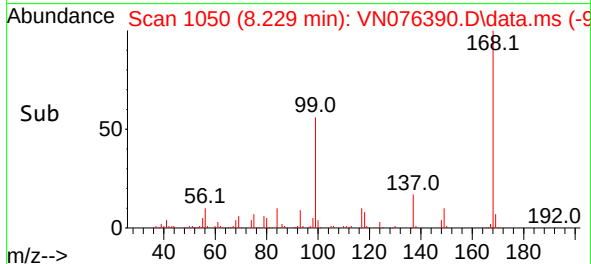
Instrument :
MSVOA_N
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VSTDCCC050



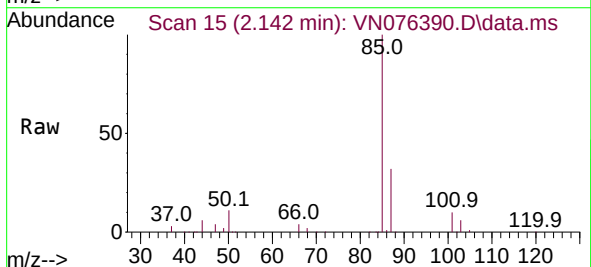
Tgt Ion:168 Resp: 36225
Ion Ratio Lower Upper
168 100
99 55.9 41.6 62.4

Manual Integrations
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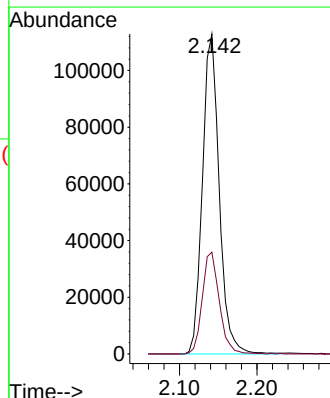
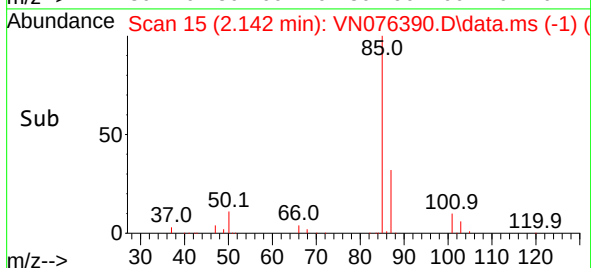
Reviewed By :John Carlone 01/26/2023
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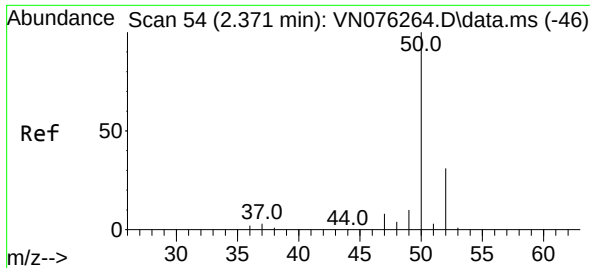


#2
Dichlorodifluoromethane
Concen: 45.760 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14



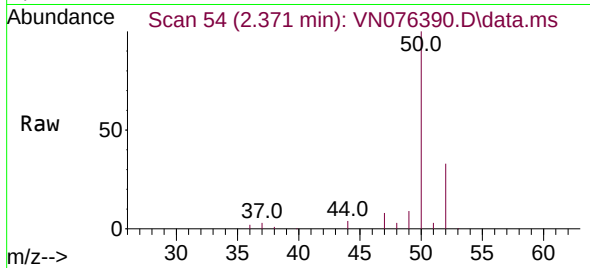
Tgt Ion: 85 Resp: 169872
Ion Ratio Lower Upper
85 100
87 31.8 17.1 51.2





#3
Chloromethane
Concen: 47.187 ug/l
RT: 2.371 min Scan# 54
Delta R.T. 0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

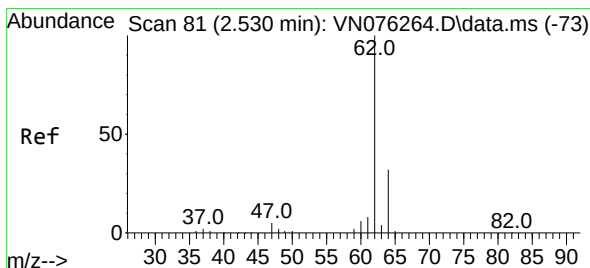
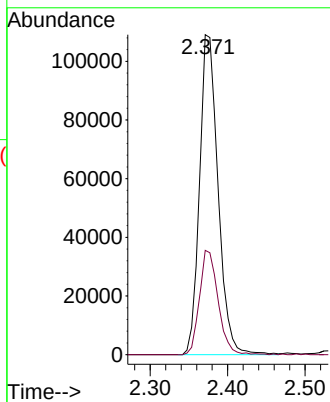
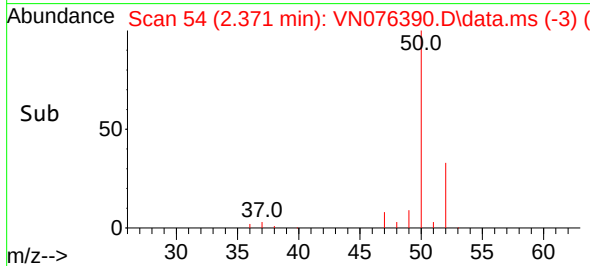
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VSTDCCC050



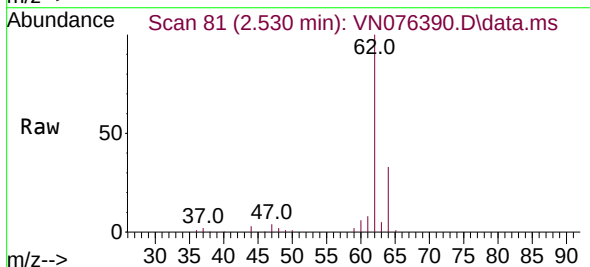
Tgt Ion: 50 Resp: 181360
Ion Ratio Lower Upper
50 100
52 32.6 24.8 37.2

Manual Integrations
APPROVED

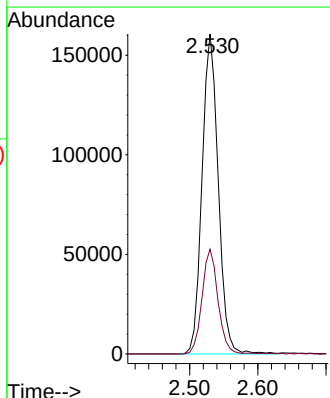
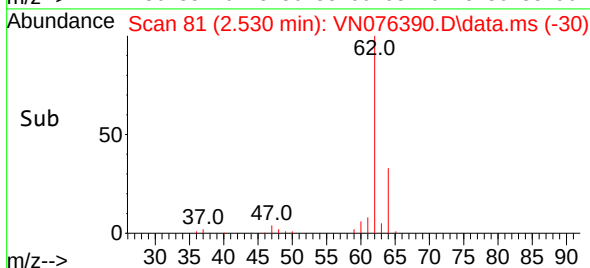
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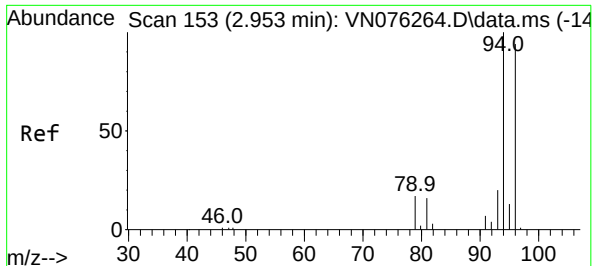


#4
Vinyl Chloride
Concen: 56.342 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14



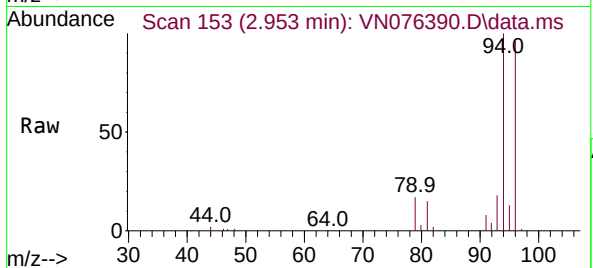
Tgt Ion: 62 Resp: 265537
Ion Ratio Lower Upper
62 100
64 32.8 25.8 38.6





#5
Bromomethane
Concen: 51.063 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

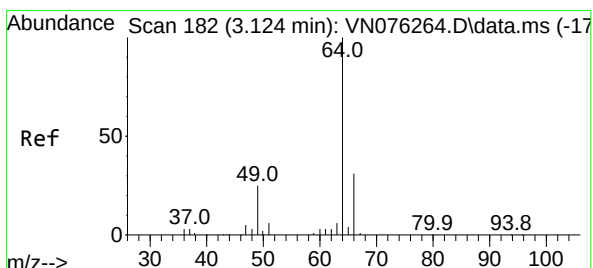
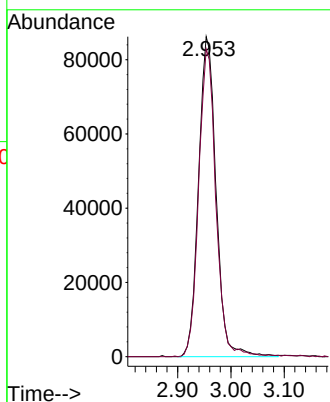
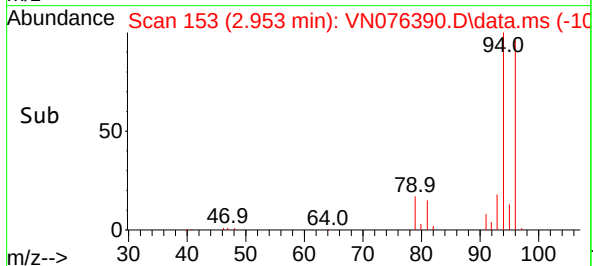
Instrument :
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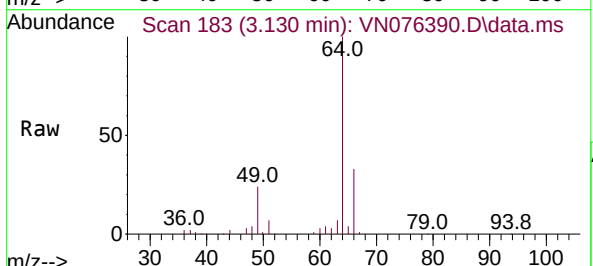
Tgt Ion: 94 Resp: 197078
Ion Ratio Lower Upper
94 100
96 96.1 75.1 112.7

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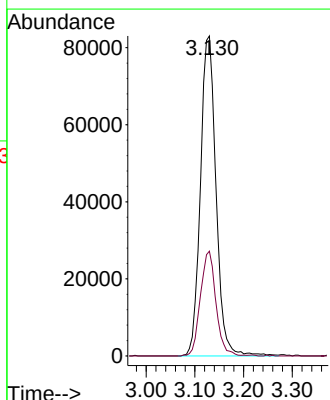
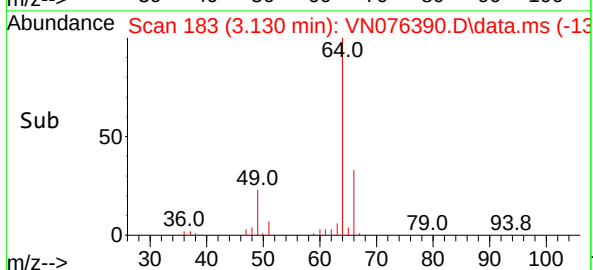
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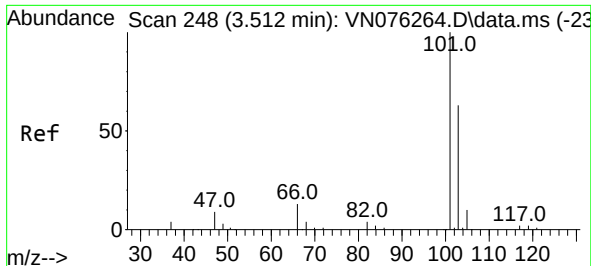


#6
Chloroethane
Concen: 52.318 ug/l
RT: 3.130 min Scan# 183
Delta R.T. 0.006 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14



Tgt Ion: 64 Resp: 184890
Ion Ratio Lower Upper
64 100
66 32.8 24.8 37.2





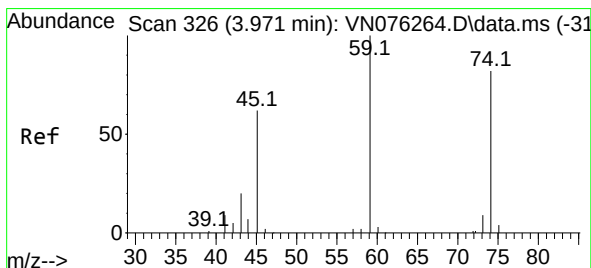
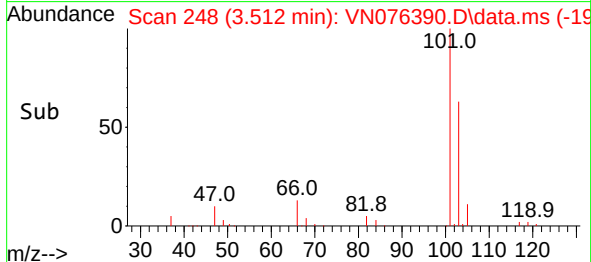
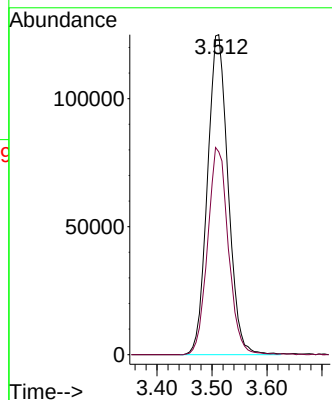
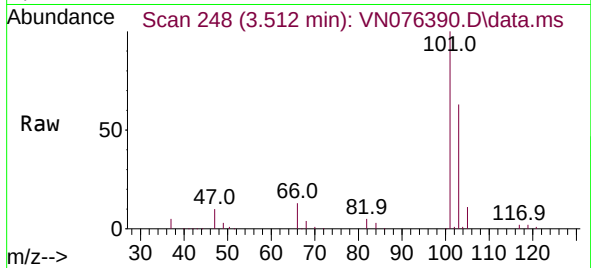
#7
Trichlorofluoromethane
Concen: 50.204 ug/l
RT: 3.512 min Scan# 248
Delta R.T. 0.000 min
Lab File: VN076390.D
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Instrument :
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ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 32551
Ion Ratio Lower Upper
101 100
103 63.4 50.2 75.4

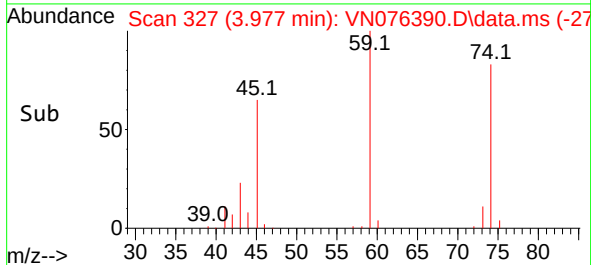
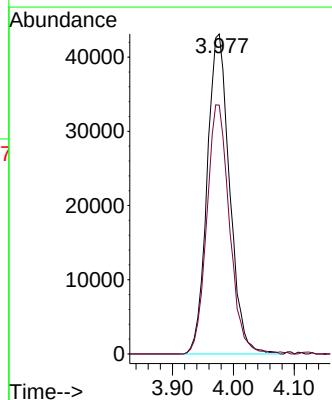
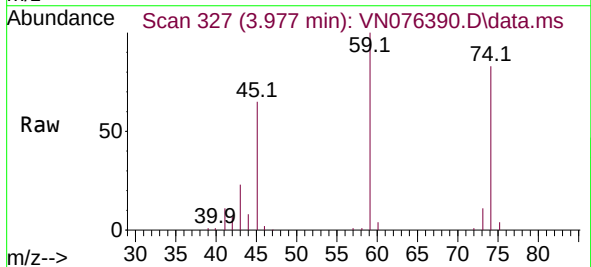
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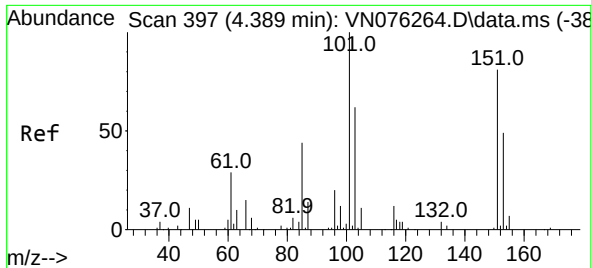
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#8
Diethyl Ether
Concen: 50.823 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

Tgt Ion: 74 Resp: 110528
Ion Ratio Lower Upper
74 100
45 78.8 37.8 113.3





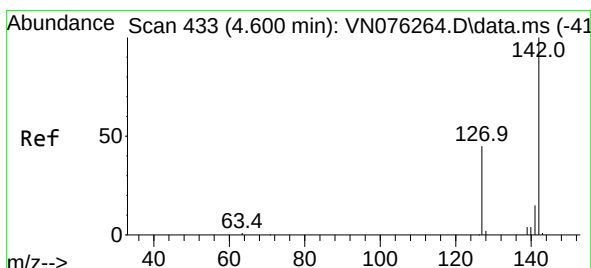
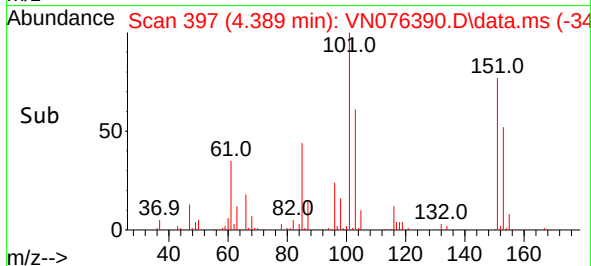
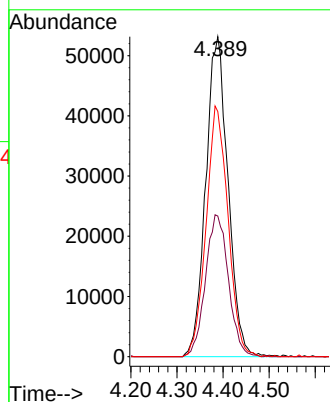
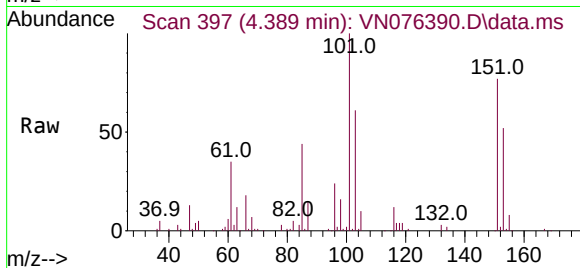
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.707 ug/l
RT: 4.389 min Scan# 397
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 178779
Ion Ratio Lower Upper
101 100
85 45.7 35.5 53.3
151 76.8 65.5 98.3

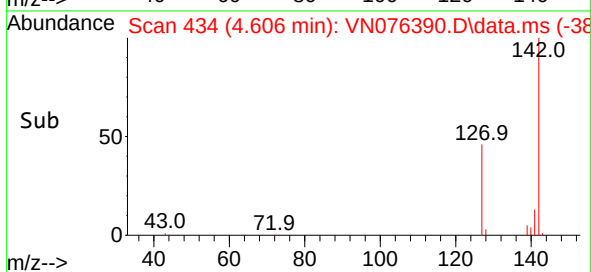
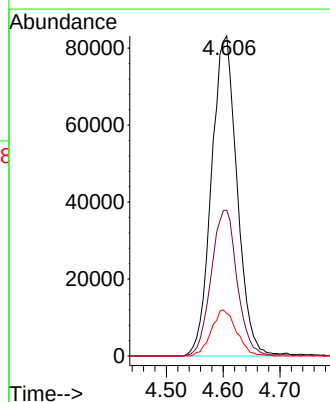
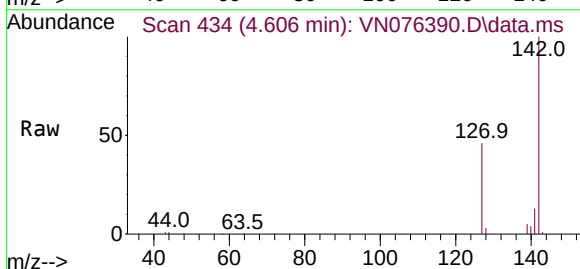
Manual Integrations
APPROVED

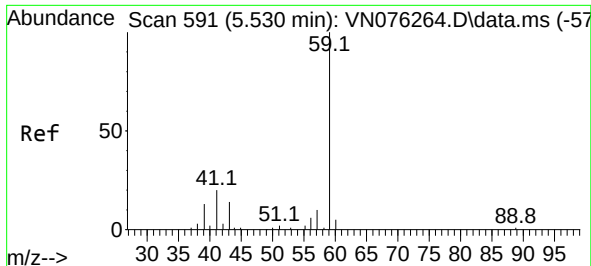
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#10
Methyl Iodide
Concen: 46.348 ug/l
RT: 4.606 min Scan# 434
Delta R.T. 0.006 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

Tgt Ion:142 Resp: 259860
Ion Ratio Lower Upper
142 100
127 46.3 35.0 52.4
141 14.2 11.5 17.3





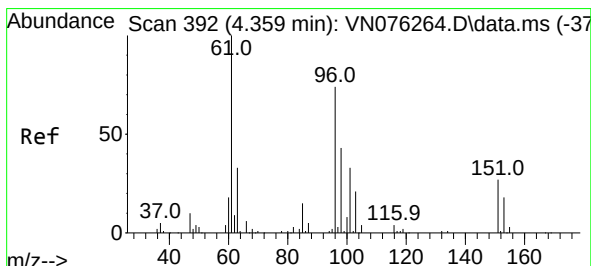
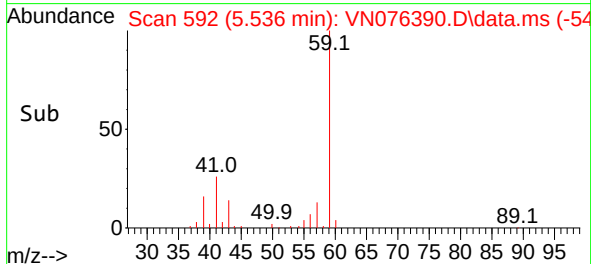
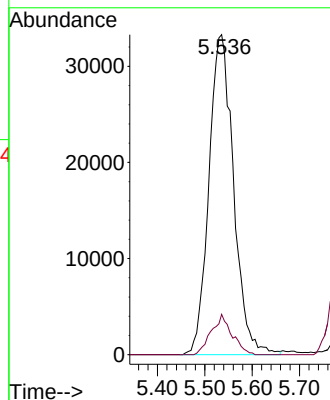
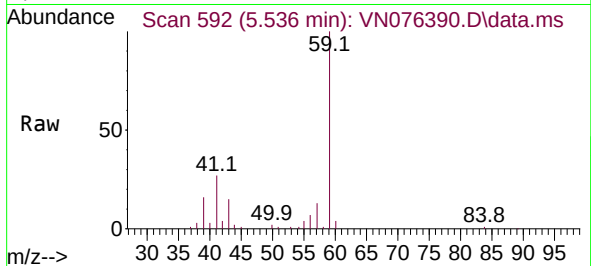
#11
Tert butyl alcohol
Concen: 221.964 ug/l
RT: 5.536 min Scan# 591
Delta R.T. 0.006 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 12042
Ion Ratio Lower Upper
59 100
57 10.6 8.5 12.7

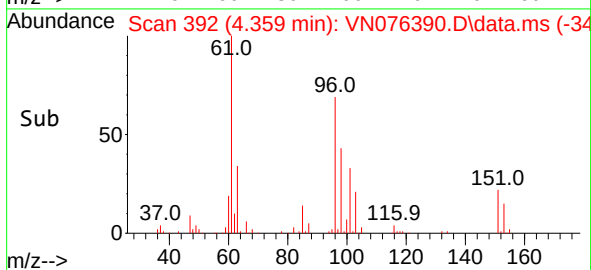
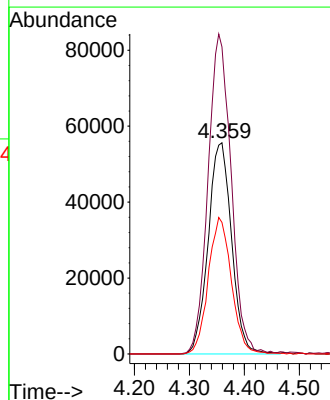
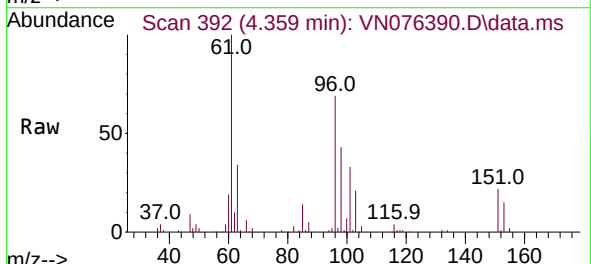
Manual Integrations
APPROVED

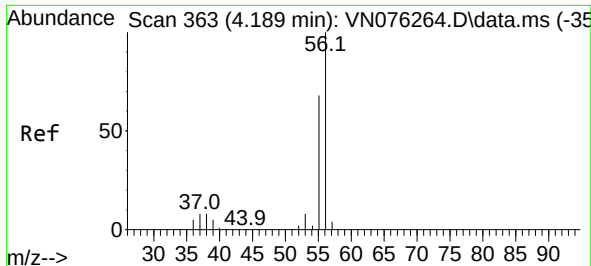
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#12
1,1-Dichloroethene
Concen: 47.530 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

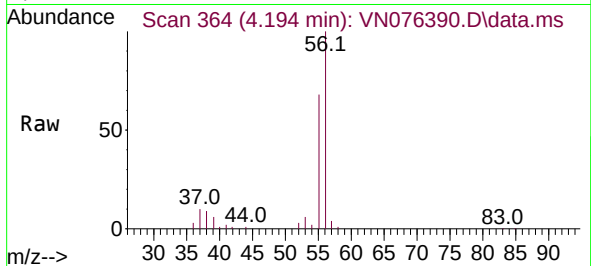
Tgt Ion: 96 Resp: 164919
Ion Ratio Lower Upper
96 100
61 145.4 108.2 162.4
98 62.3 47.0 70.6





#13
Acrolein
Concen: 291.468 ug/l
RT: 4.194 min Scan# 30
Delta R.T. 0.005 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

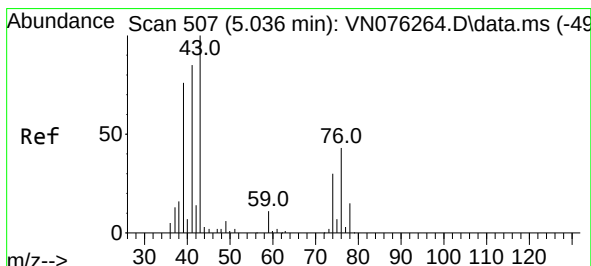
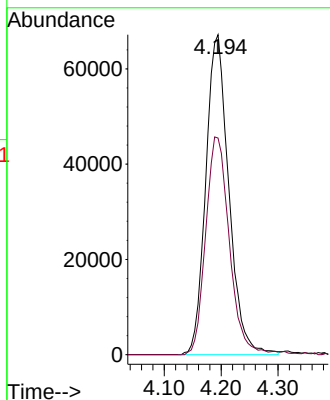
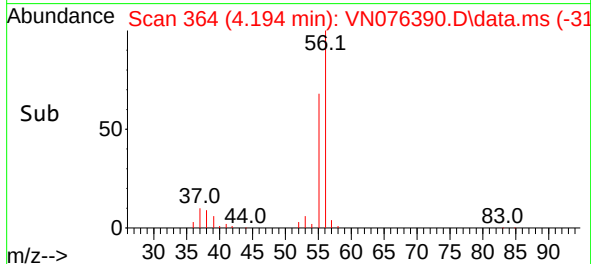
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 189110
Ion Ratio Lower Upper
56 100
55 69.7 55.8 83.6

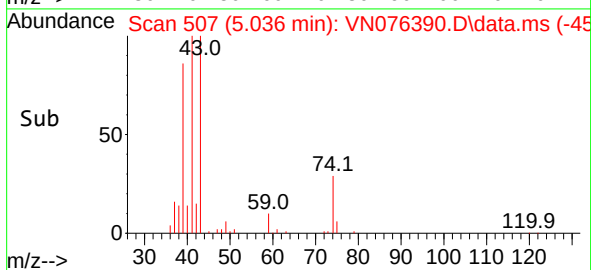
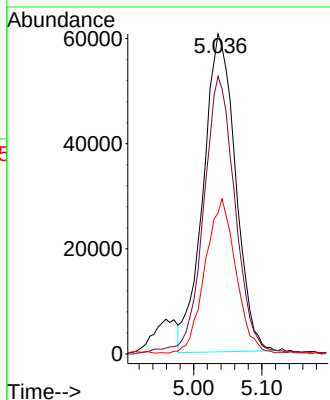
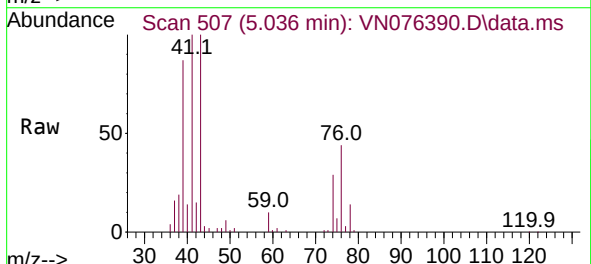
Manual Integrations
APPROVED

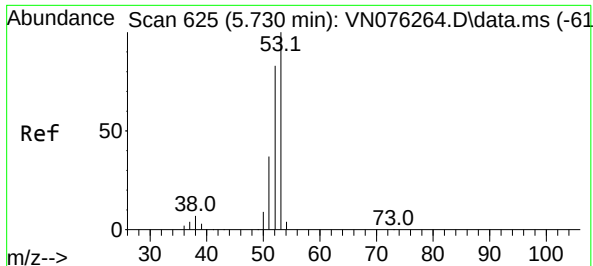
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#14
Allyl chloride
Concen: 49.233 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

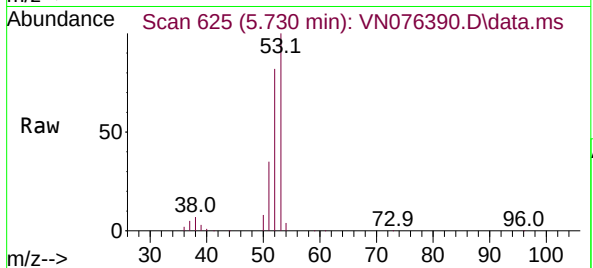
Tgt Ion: 41 Resp: 199072
Ion Ratio Lower Upper
41 100
39 86.2 67.4 101.0
76 46.1 39.8 59.8





#15
Acrylonitrile
Concen: 247.824 ug/l
RT: 5.730 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

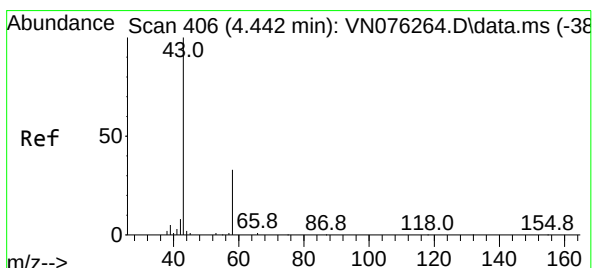
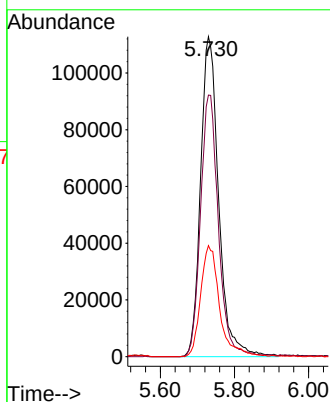
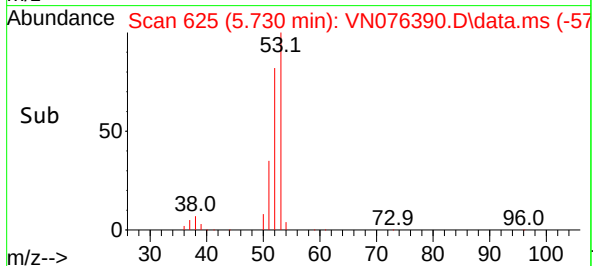
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



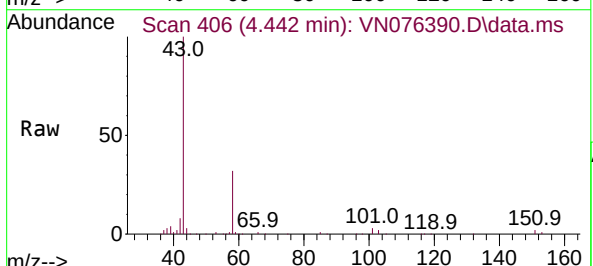
Tgt Ion: 53 Resp: 38261
Ion Ratio Lower Upper
53 100
52 80.9 64.7 97.1
51 36.3 29.2 43.8

Manual Integrations
APPROVED

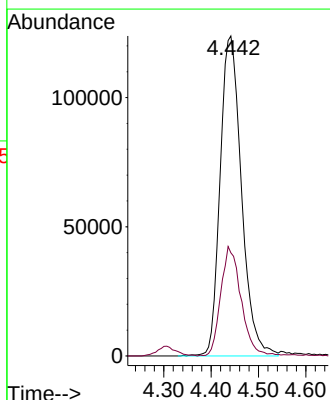
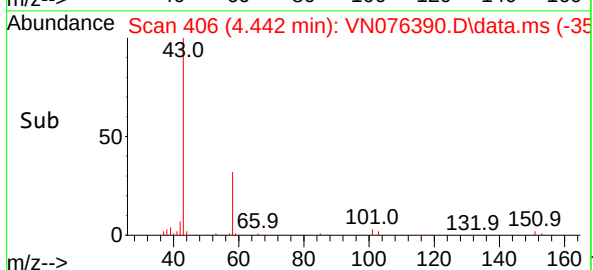
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

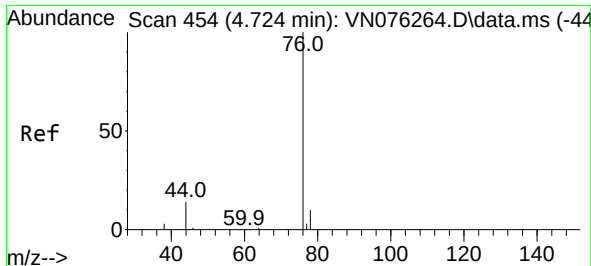


#16
Acetone
Concen: 298.144 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14



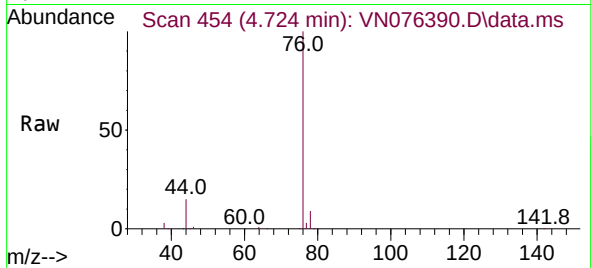
Tgt Ion: 43 Resp: 387651
Ion Ratio Lower Upper
43 100
58 31.8 26.7 40.1





#17
Carbon Disulfide
Concen: 43.421 ug/l
RT: 4.724 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

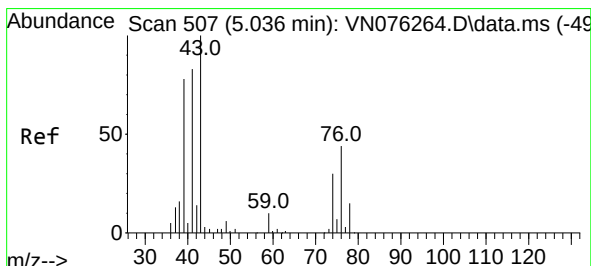
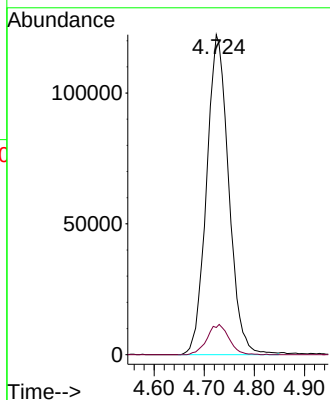
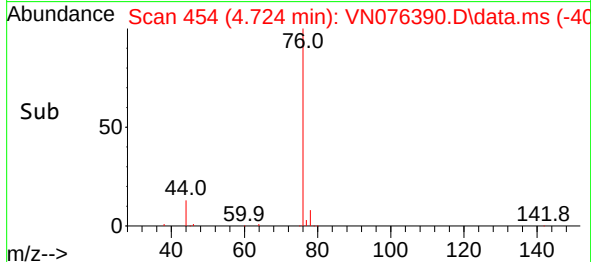
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



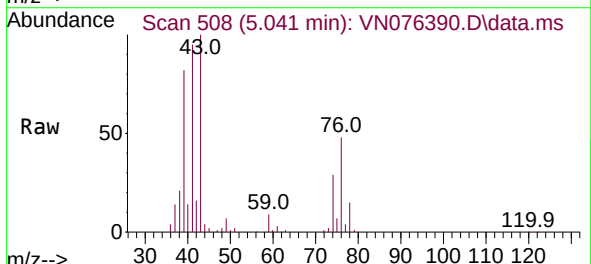
Tgt Ion: 76 Resp: 37513
Ion Ratio Lower Upper
76 100
78 8.5 8.0 12.0

Manual Integrations
APPROVED

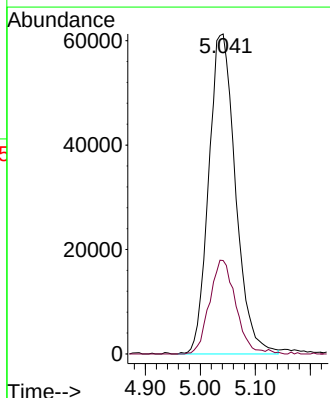
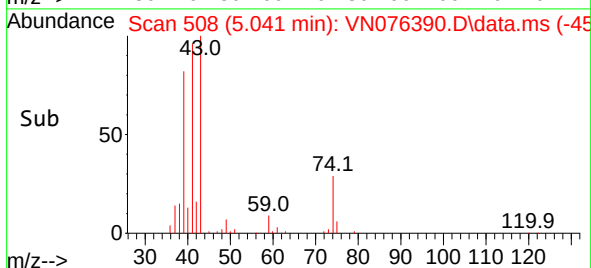
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

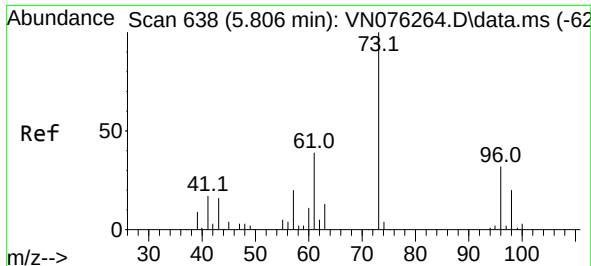


#18
Methyl Acetate
Concen: 47.118 ug/l
RT: 5.041 min Scan# 508
Delta R.T. 0.005 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14



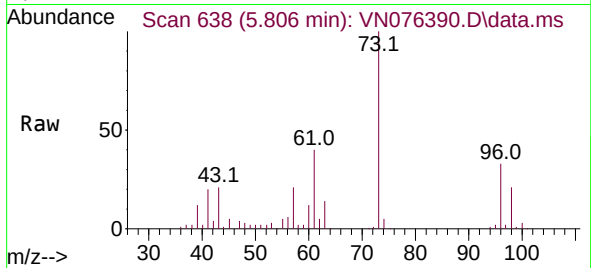
Tgt Ion: 43 Resp: 207629
Ion Ratio Lower Upper
43 100
74 28.5 23.3 34.9





#19
Methyl tert-butyl Ether
Concen: 50.720 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

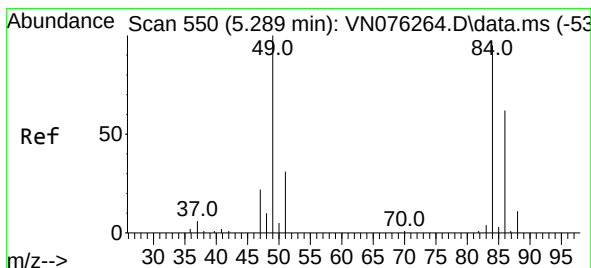
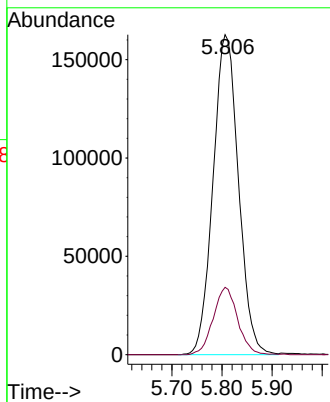
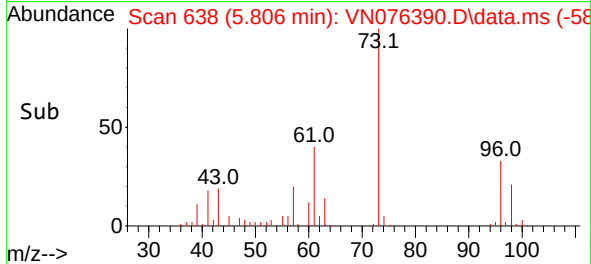
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 57292
Ion Ratio Lower Upper
73 100
57 21.1 15.9 23.9

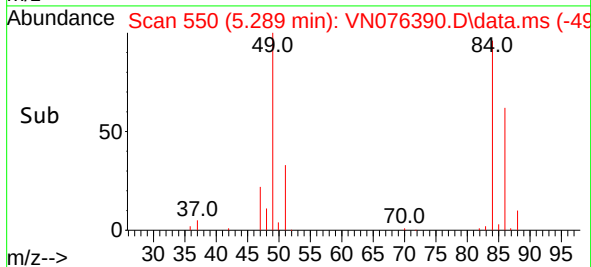
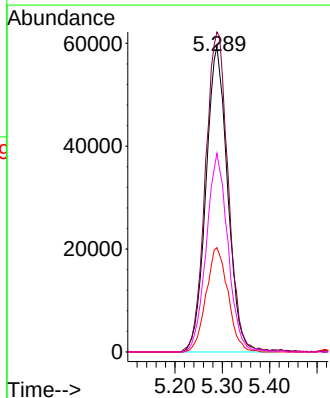
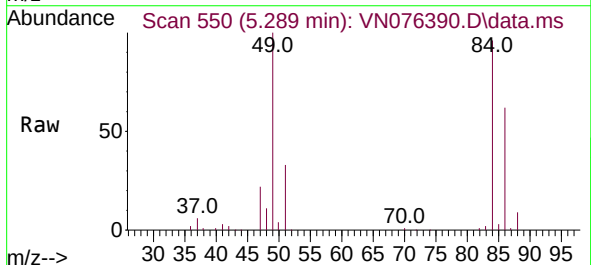
Manual Integrations
APPROVED

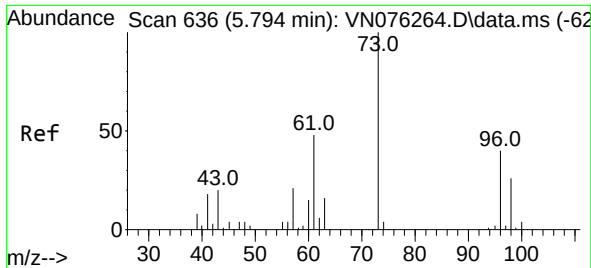
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#20
Methylene Chloride
Concen: 49.186 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

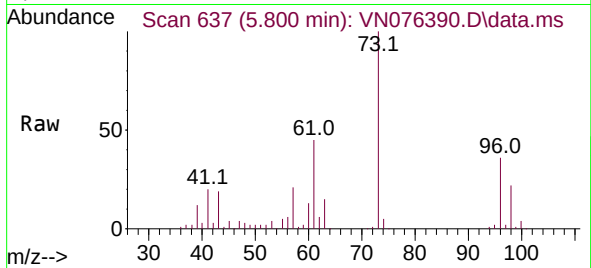
Tgt Ion: 84 Resp: 189283
Ion Ratio Lower Upper
84 100
49 104.7 84.5 126.7
51 34.1 26.0 39.0
86 65.0 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 46.259 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

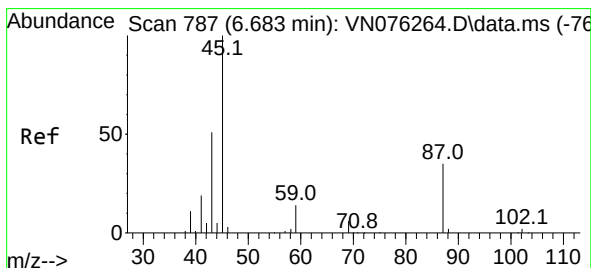
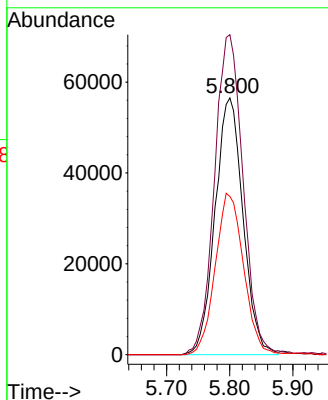
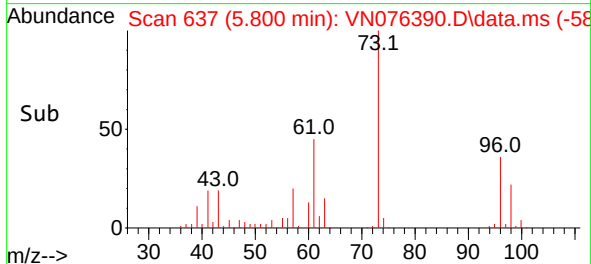
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 173880
Ion Ratio Lower Upper
96 100
61 124.6 97.0 145.4
98 61.6 51.9 77.9

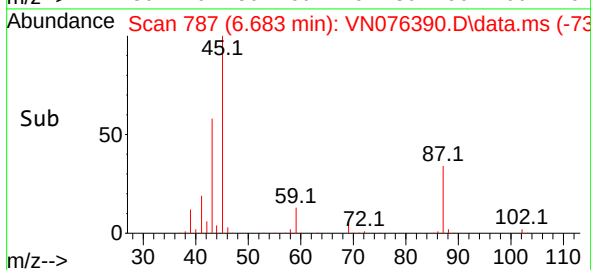
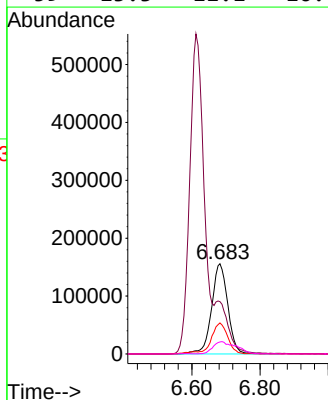
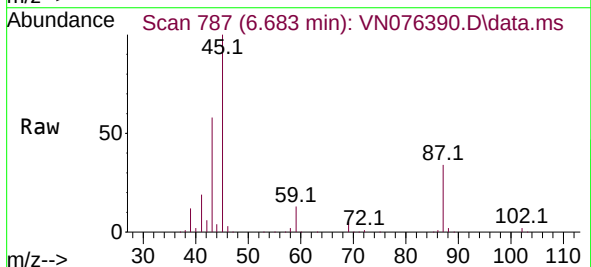
Manual Integrations
APPROVED

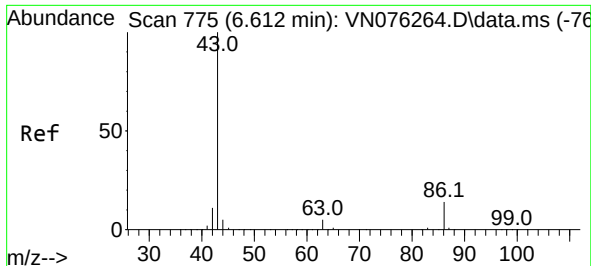
Reviewed By :John Carbone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#22
Diisopropyl ether
Concen: 53.890 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

Tgt Ion: 45 Resp: 513868
Ion Ratio Lower Upper
45 100
43 57.2 44.4 66.6
87 34.3 28.4 42.6
59 13.3 11.1 16.7





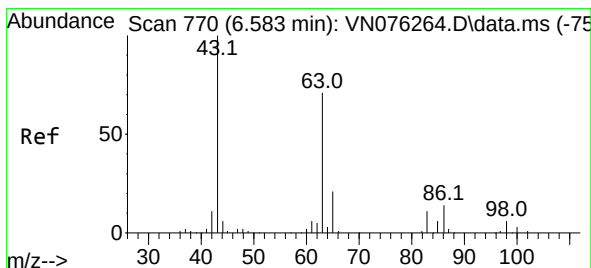
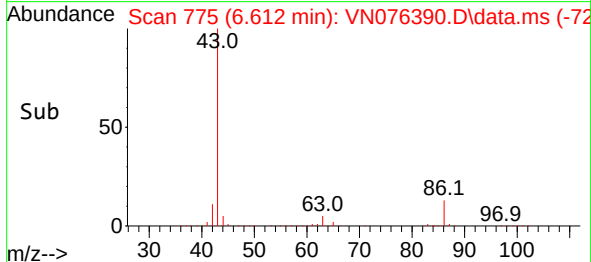
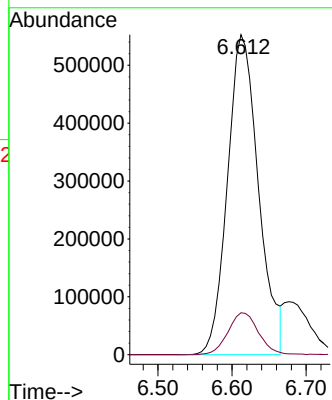
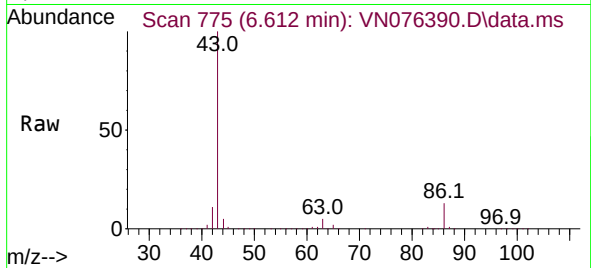
#23
 Vinyl Acetate
 Concen: 261.337 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN076390.D
 Acq: 25 Jan 2023 10:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 161055
 Ion Ratio Lower Upper
 43 100
 86 13.1 11.2 16.8

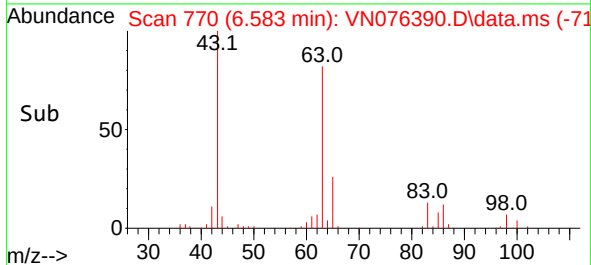
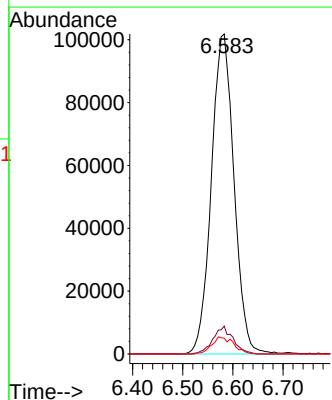
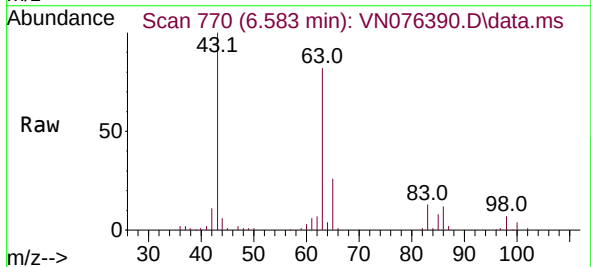
Manual Integrations
 APPROVED

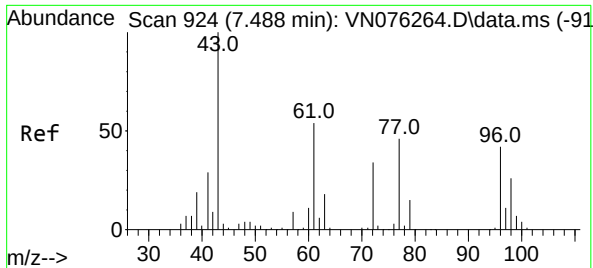
Reviewed By :John Carlone 01/26/2023
 Supervised By :Semsettin Yesilyurt 01/26/2023



#24
 1,1-Dichloroethane
 Concen: 50.273 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. -0.000 min
 Lab File: VN076390.D
 Acq: 25 Jan 2023 10:14

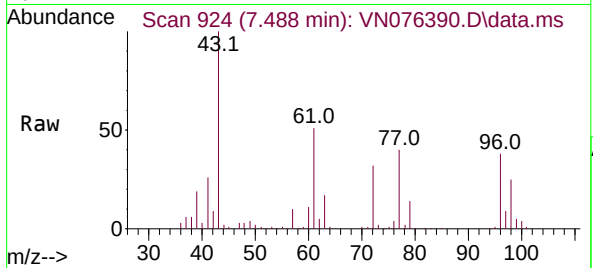
Tgt Ion: 63 Resp: 319541
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.9 11.7
 100 5.0 2.2 6.6





#25
2-Butanone
Concen: 257.152 ug/l
RT: 7.488 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

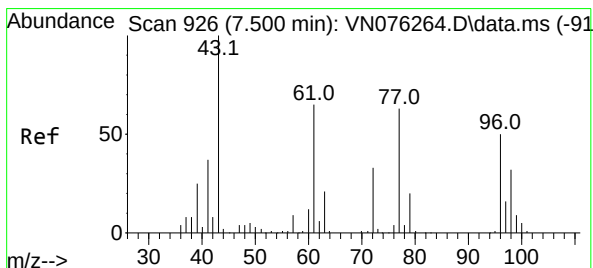
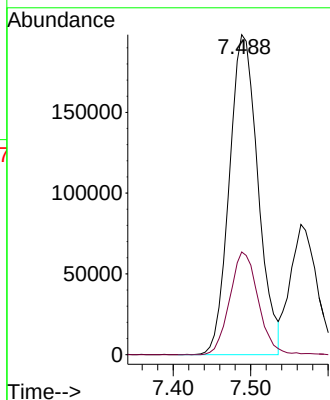
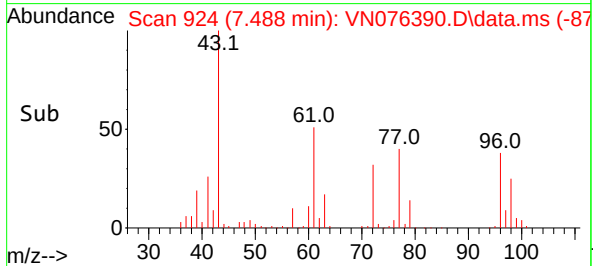
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 510680
Ion Ratio Lower Upper
43 100
72 32.1 27.4 41.2

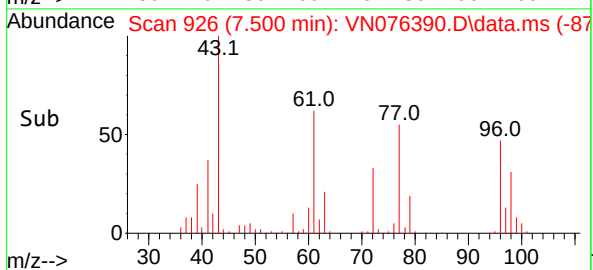
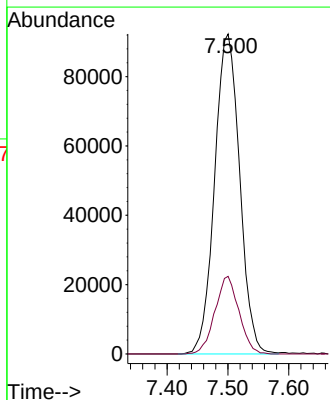
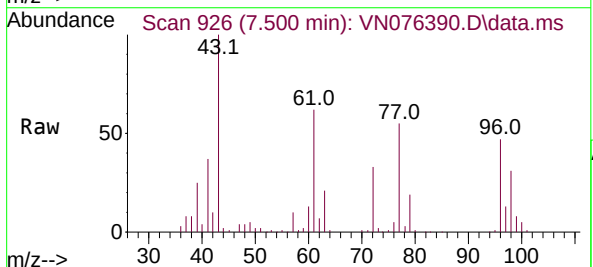
Manual Integrations
APPROVED

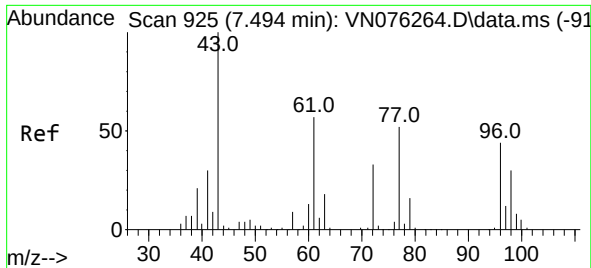
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#26
2,2-Dichloropropane
Concen: 49.273 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

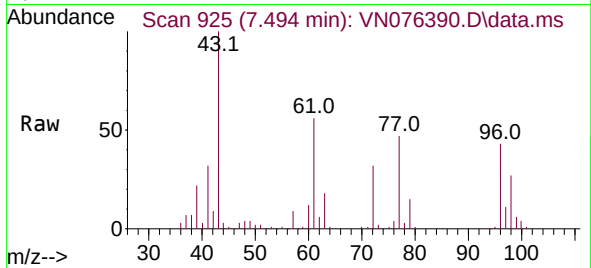
Tgt Ion: 77 Resp: 263960
Ion Ratio Lower Upper
77 100
97 23.2 11.8 35.4





#27
cis-1,2-Dichloroethene
Concen: 48.966 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

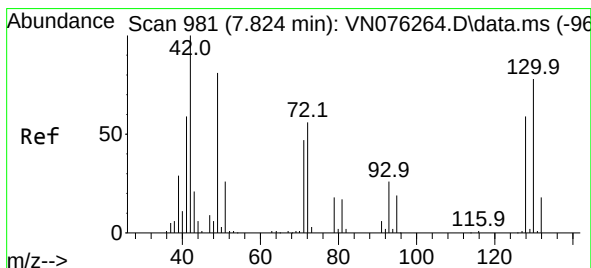
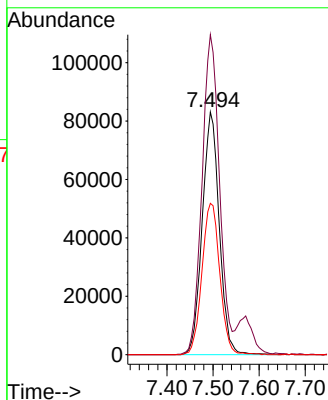
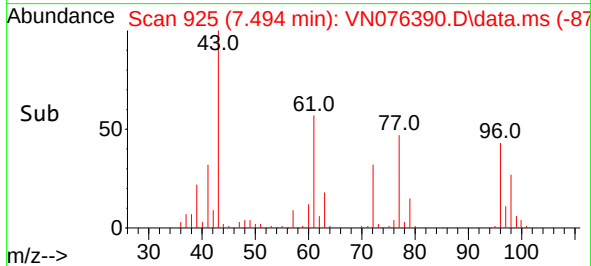
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 21467
Ion Ratio Lower Upper
96 100
61 134.9 0.0 259.6
98 65.3 0.0 129.4

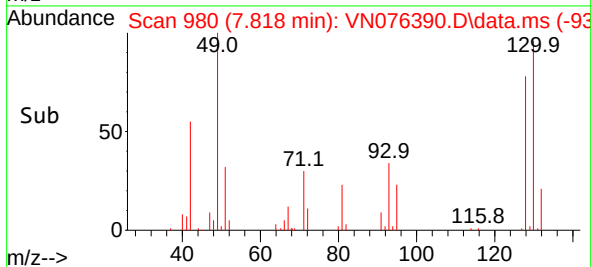
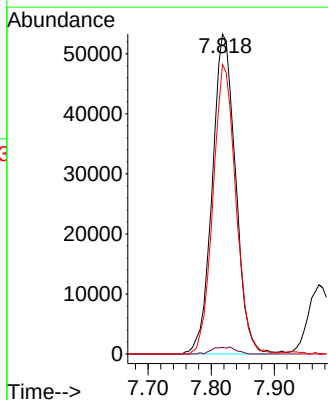
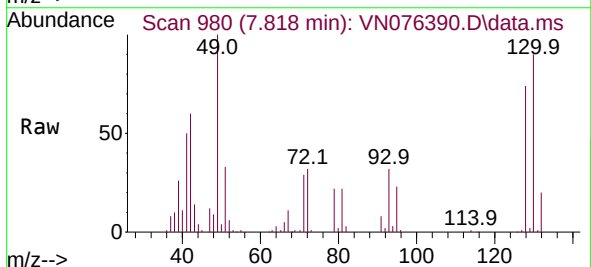
Manual Integrations
APPROVED

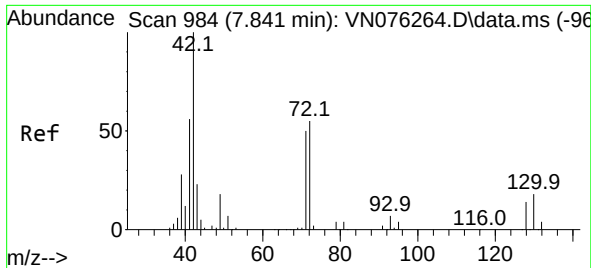
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#28
Bromochloromethane
Concen: 53.081 ug/l
RT: 7.818 min Scan# 980
Delta R.T. -0.006 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

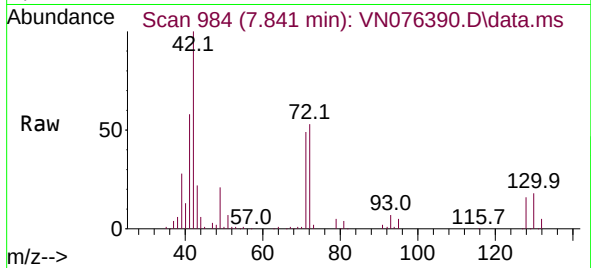
Tgt Ion: 49 Resp: 136753
Ion Ratio Lower Upper
49 100
129 2.2 0.0 5.2
130 88.6 76.0 114.0





#29
Tetrahydrofuran
Concen: 256.175 ug/l
RT: 7.841 min Scan# 984
Delta R.T. 0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

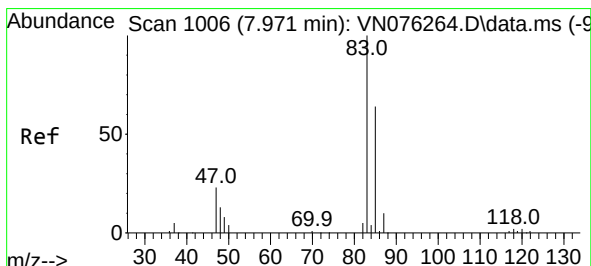
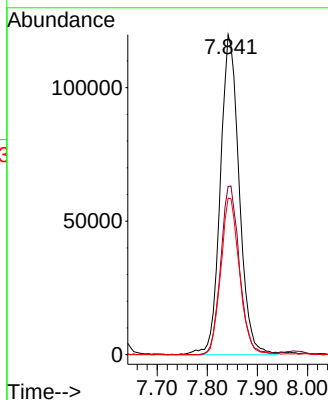
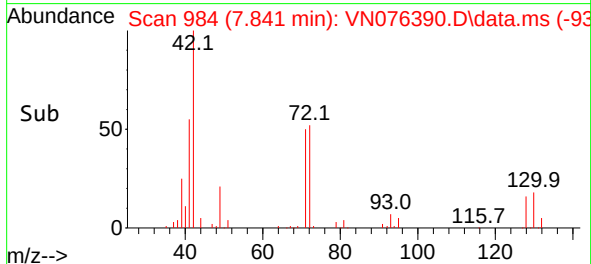
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



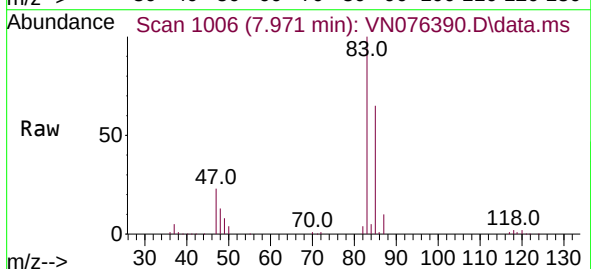
Tgt Ion: 42 Resp: 31398
Ion Ratio Lower Upper
42 100
72 52.5 44.0 66.0
71 48.5 41.1 61.7

Manual Integrations
APPROVED

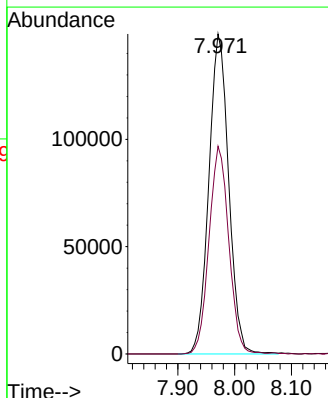
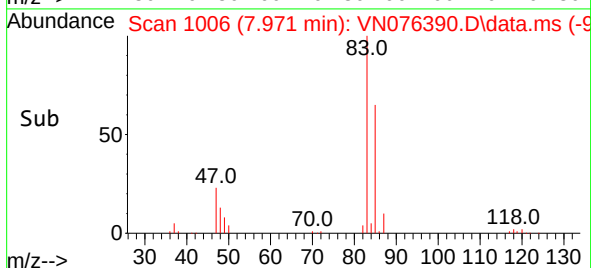
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

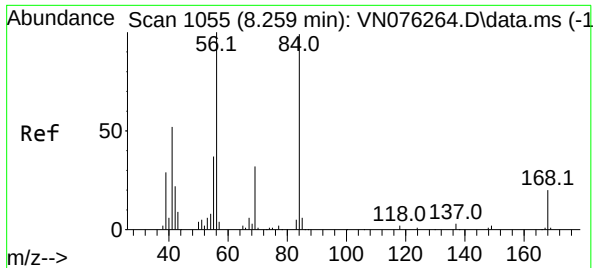


#30
Chloroform
Concen: 51.331 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14



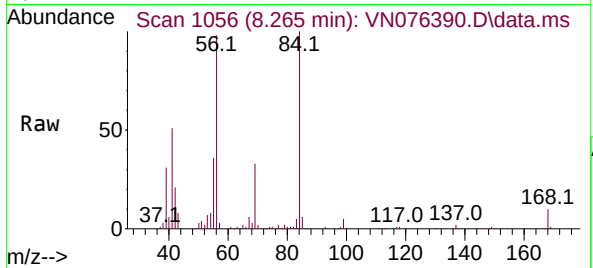
Tgt Ion: 83 Resp: 361015
Ion Ratio Lower Upper
83 100
85 64.9 51.0 76.6





#31
Cyclohexane
Concen: 45.201 ug/l
RT: 8.265 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

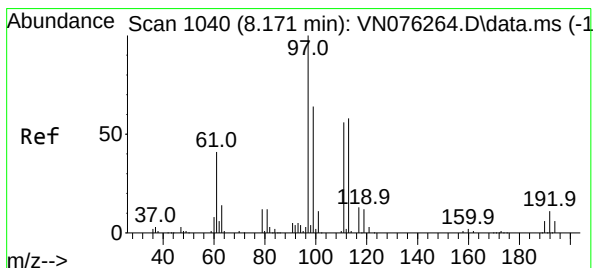
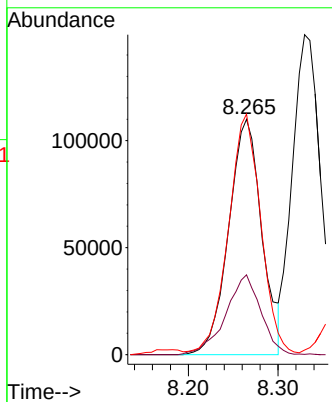
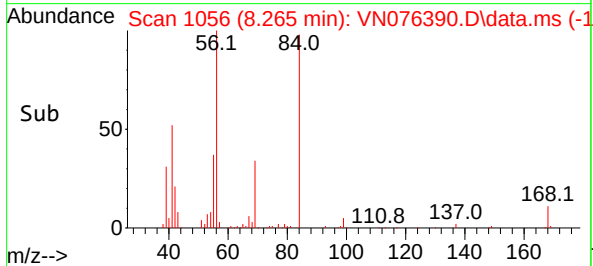
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



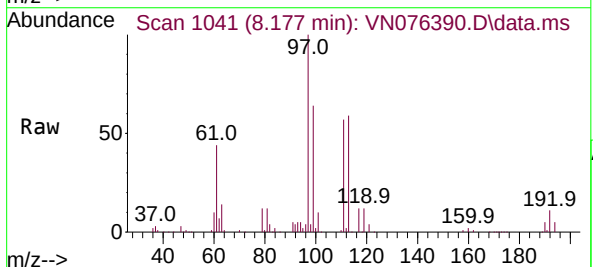
Tgt Ion: 56 Resp: 28164
Ion Ratio Lower Upper
56 100
69 33.9 25.8 38.8
84 100.3 79.0 118.4

Manual Integrations
APPROVED

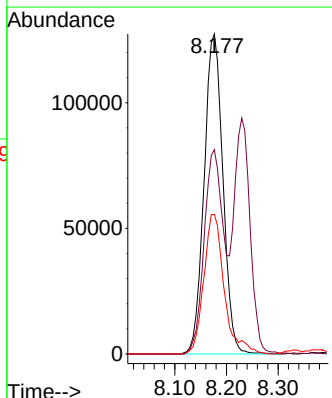
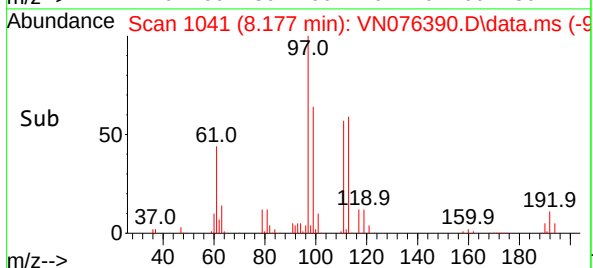
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

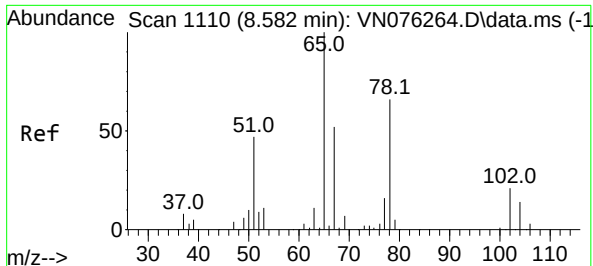


#32
1,1,1-Trichloroethane
Concen: 50.135 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14



Tgt Ion: 97 Resp: 321926
Ion Ratio Lower Upper
97 100
99 67.4 55.0 82.4
61 47.3 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 51.988 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076390.D

Acq: 25 Jan 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 210869

Ion Ratio Lower Upper

65 100

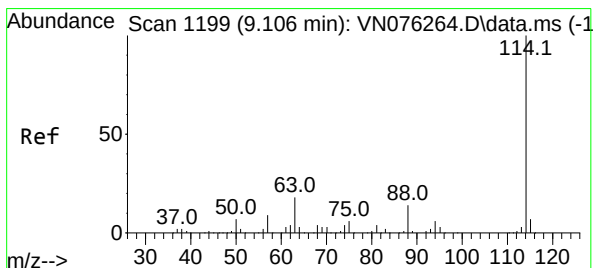
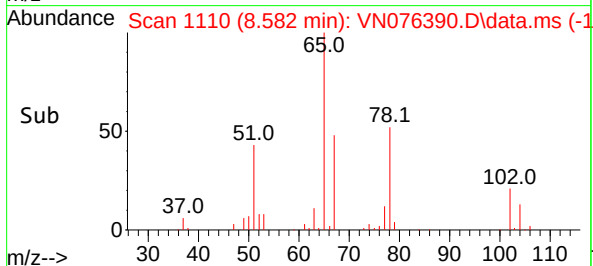
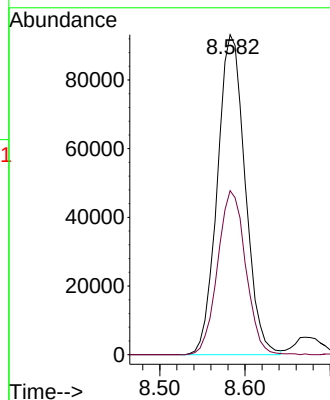
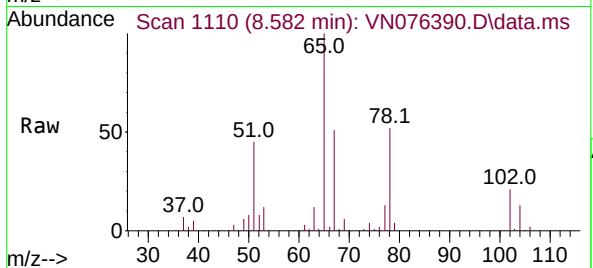
67 51.7 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076390.D

Acq: 25 Jan 2023 10:14

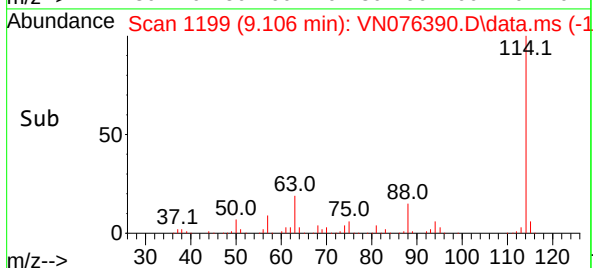
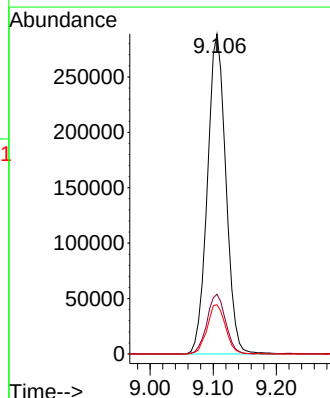
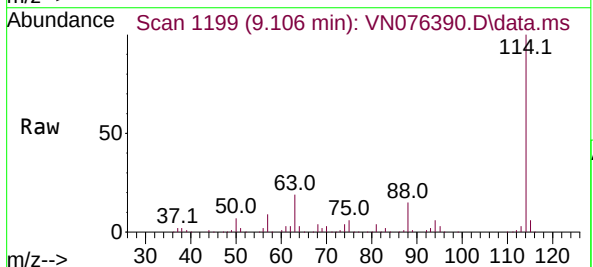
Tgt Ion:114 Resp: 585664

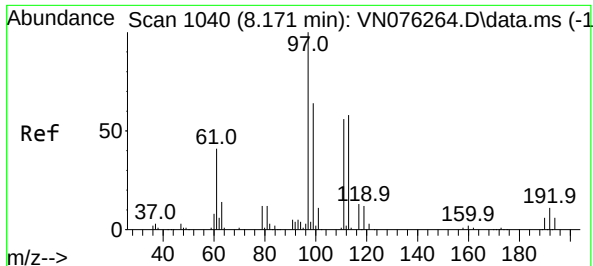
Ion Ratio Lower Upper

114 100

63 18.7 0.0 35.8

88 15.4 0.0 28.0





#35

Dibromofluoromethane

Concen: 49.860 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN076390.D

Acq: 25 Jan 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 113 Resp: 18266

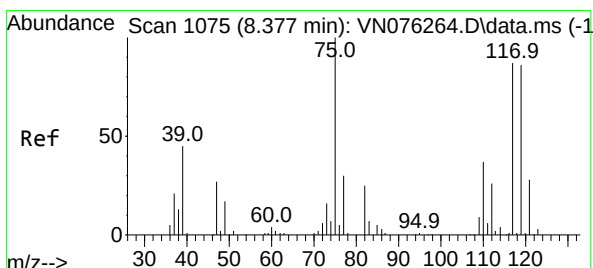
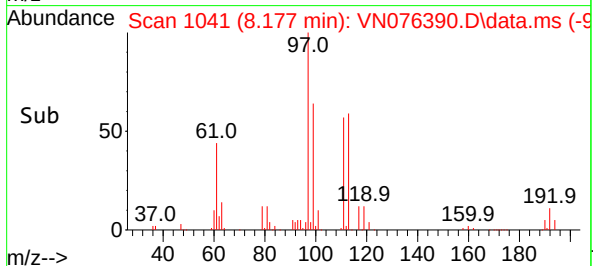
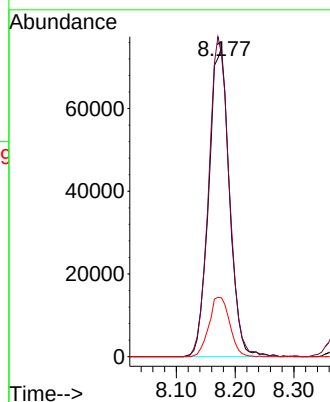
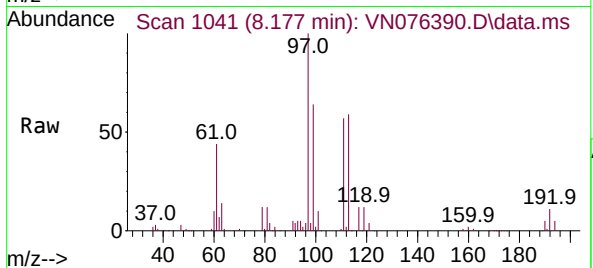
Ion	Ratio	Lower	Upper
113	100		
111	102.4	82.7	124.1
192	19.3	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#36

1,1-Dichloropropene

Concen: 49.565 ug/l

RT: 8.377 min Scan# 1075

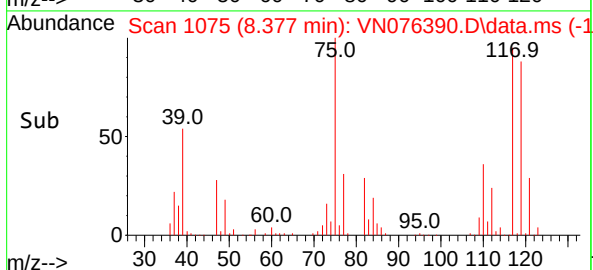
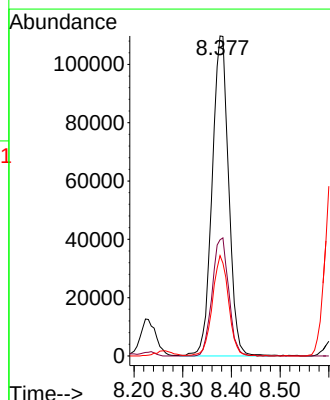
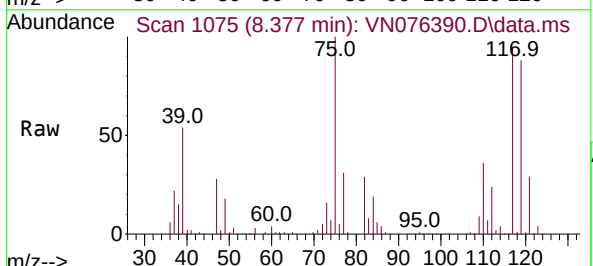
Delta R.T. -0.000 min

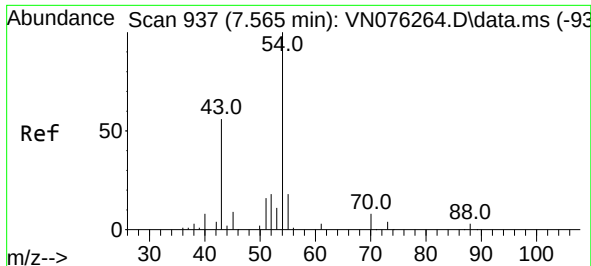
Lab File: VN076390.D

Acq: 25 Jan 2023 10:14

Tgt Ion: 75 Resp: 258030

Ion	Ratio	Lower	Upper
75	100		
110	36.9	18.8	56.3
77	30.6	25.0	37.4





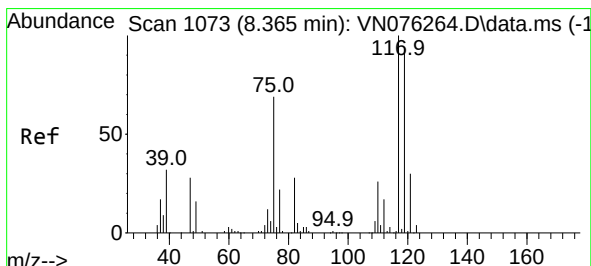
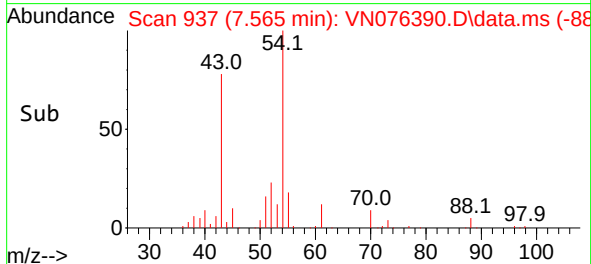
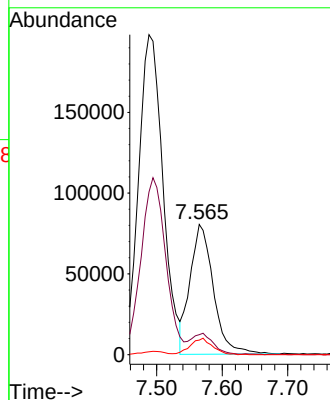
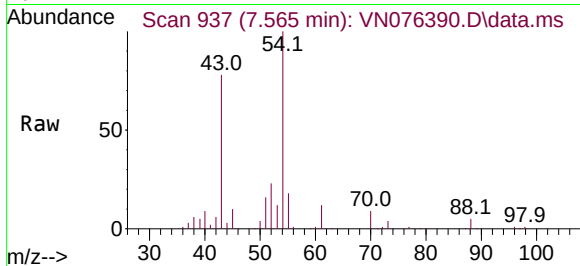
#37
Ethyl Acetate
Concen: 47.739 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 19933
Ion Ratio Lower Upper
43 100
61 14.2 11.1 16.7
70 12.0 10.0 15.0

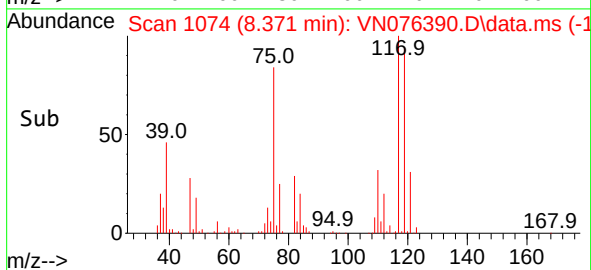
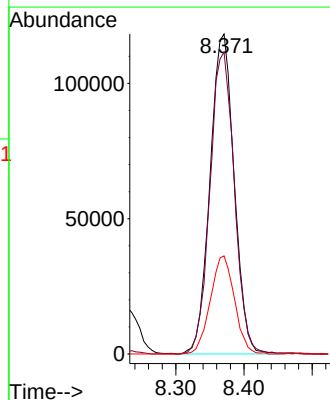
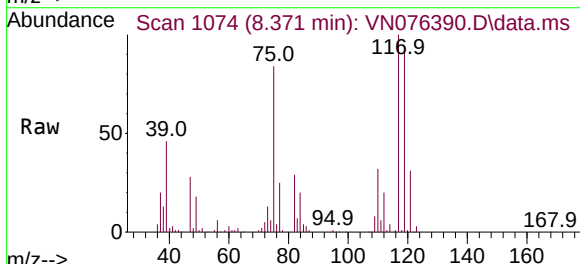
Manual Integrations
APPROVED

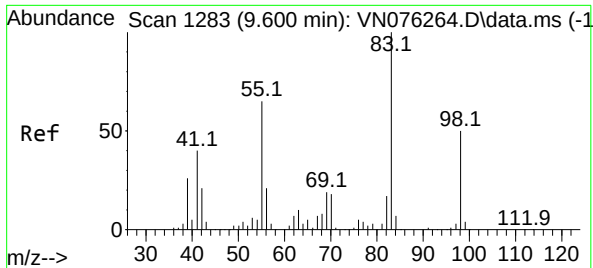
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#38
Carbon Tetrachloride
Concen: 50.194 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

Tgt Ion:117 Resp: 291396
Ion Ratio Lower Upper
117 100
119 94.4 75.4 113.0
121 30.7 24.2 36.2





#39

Methylcyclohexane

Concen: 49.559 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. 0.006 min

Lab File: VN076390.D

Acq: 25 Jan 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 31506

Ion Ratio Lower Upper

83 100

55 68.9 51.7 77.5

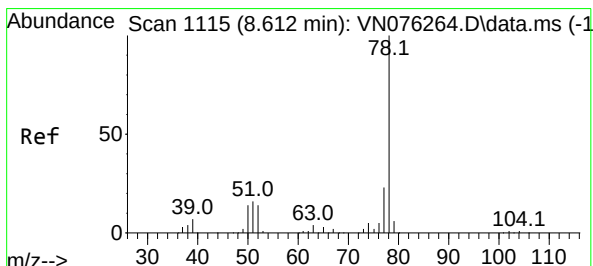
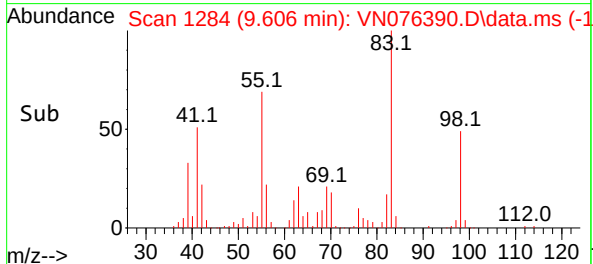
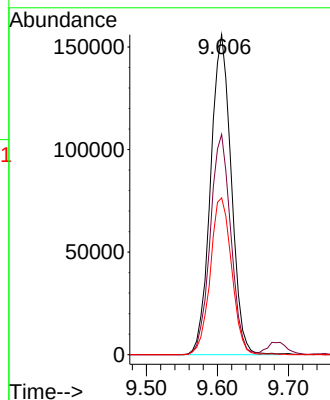
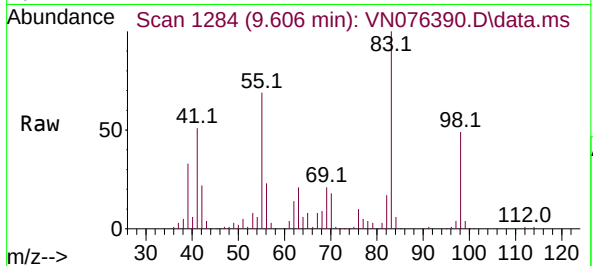
98 49.0 40.0 60.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#40

Benzene

Concen: 49.496 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076390.D

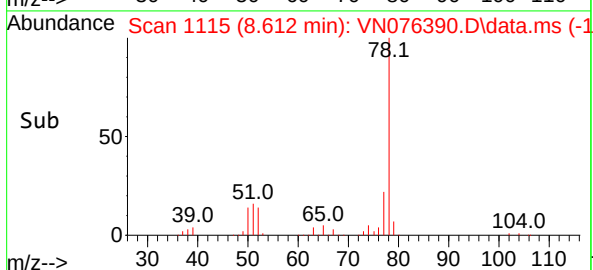
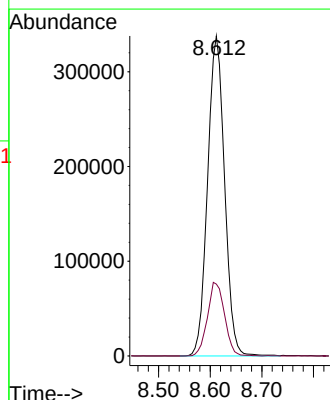
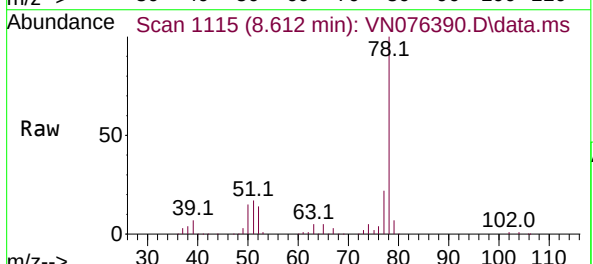
Acq: 25 Jan 2023 10:14

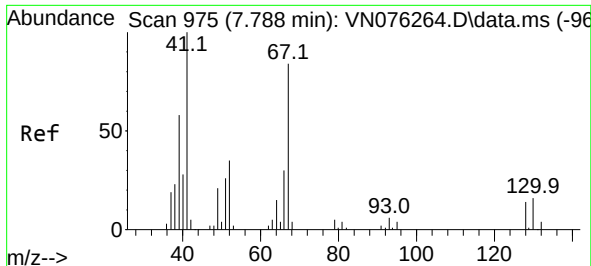
Tgt Ion: 78 Resp: 770479

Ion Ratio Lower Upper

78 100

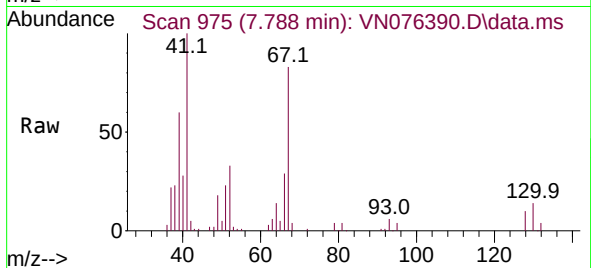
77 22.4 18.6 28.0





#41
Methacrylonitrile
Concen: 49.723 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

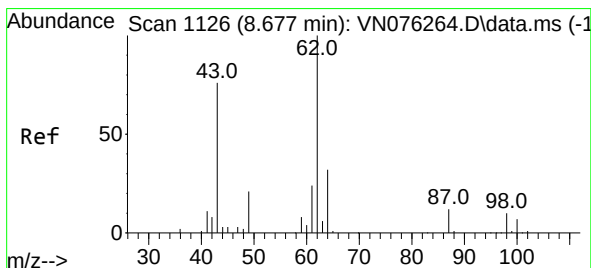
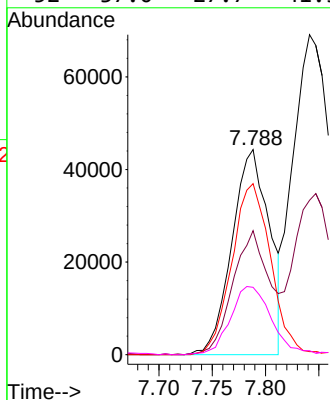
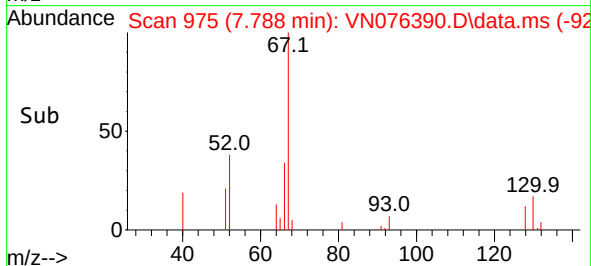
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



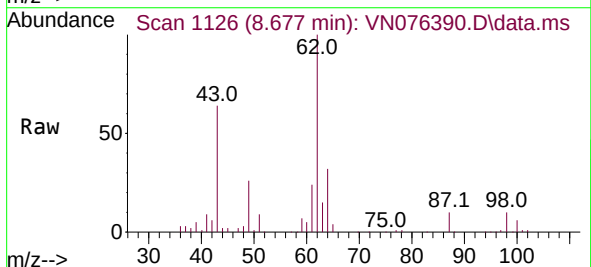
Tgt Ion: 41 Resp: 10871
Ion Ratio Lower Upper
41 100
39 58.7 42.4 63.6
67 86.9 68.8 103.2
52 37.0 27.7 41.5

Manual Integrations
APPROVED

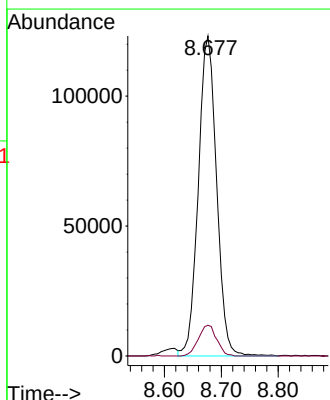
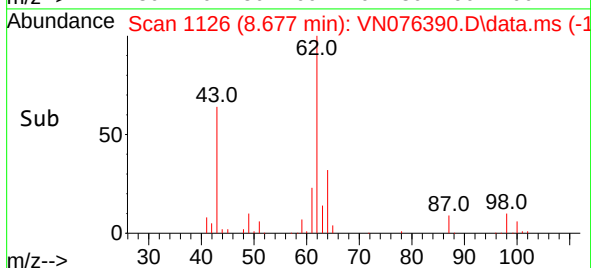
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

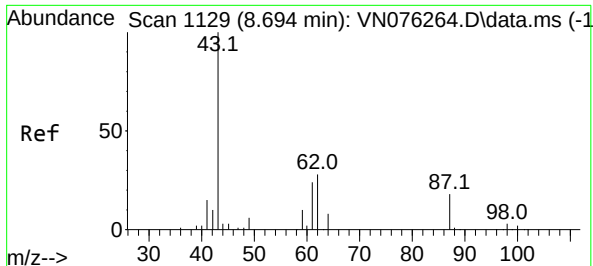


#42
1,2-Dichloroethane
Concen: 51.640 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14



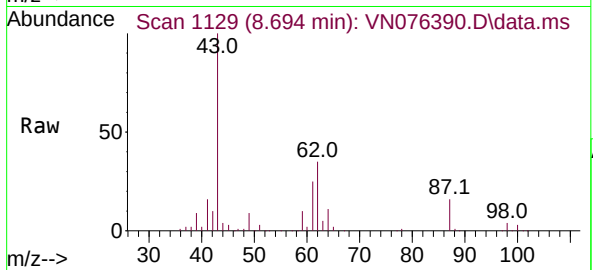
Tgt Ion: 62 Resp: 275034
Ion Ratio Lower Upper
62 100
98 9.6 0.0 20.4





#43
Isopropyl Acetate
Concen: 50.013 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

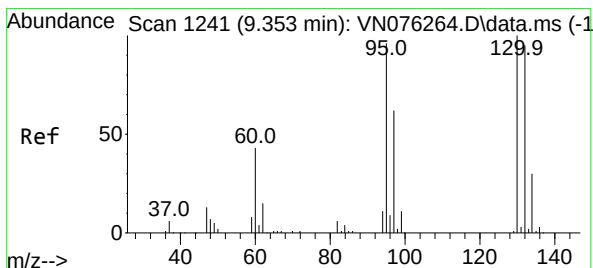
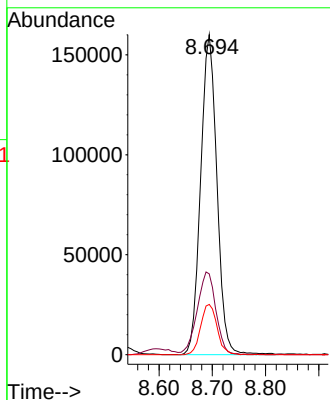
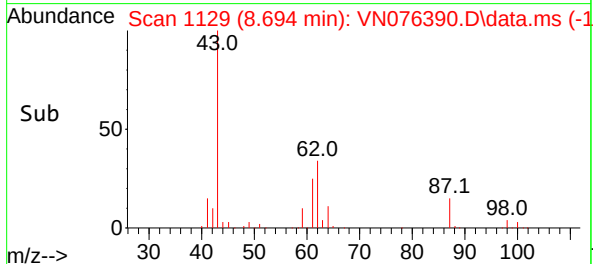
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 33973
Ion Ratio Lower Upper
43 100
61 29.5 23.5 35.3
87 15.8 13.8 20.6

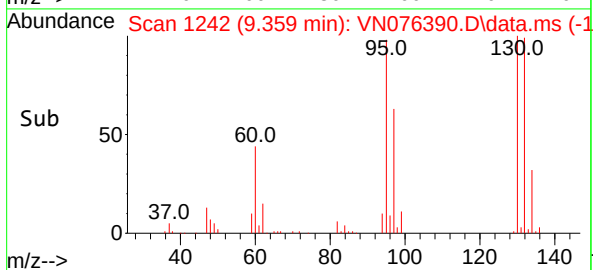
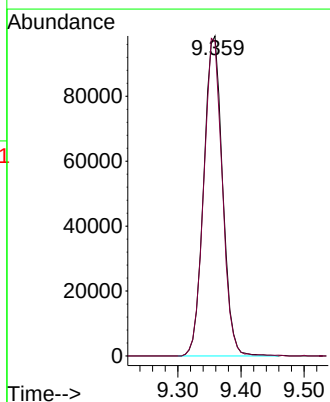
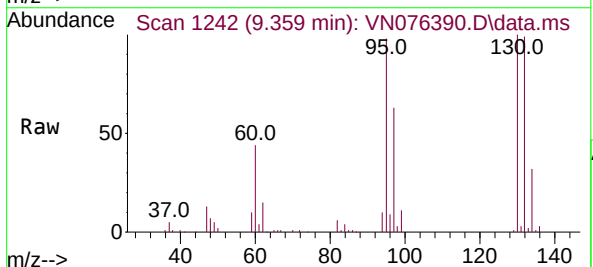
Manual Integrations
APPROVED

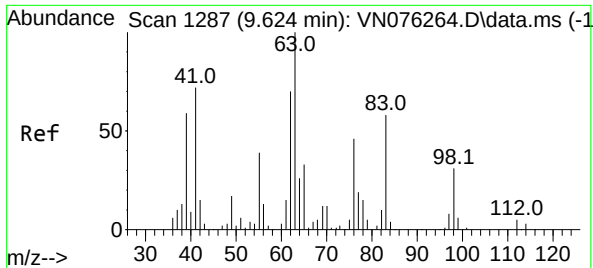
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#44
Trichloroethene
Concen: 46.355 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. 0.006 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

Tgt Ion:130 Resp: 204087
Ion Ratio Lower Upper
130 100
95 98.3 0.0 192.0





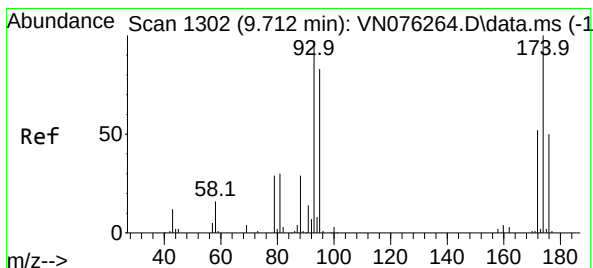
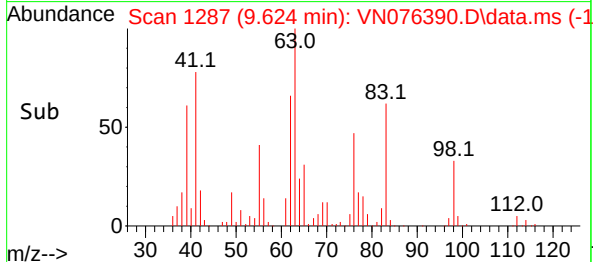
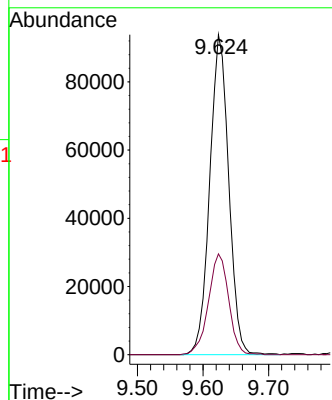
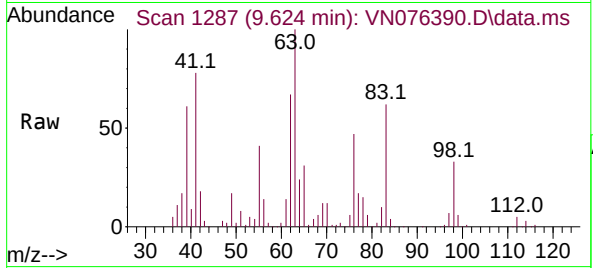
#45
1,2-Dichloropropane
Concen: 50.608 ug/l
RT: 9.624 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 18861
Ion Ratio Lower Upper
63 100
65 31.5 26.4 39.6

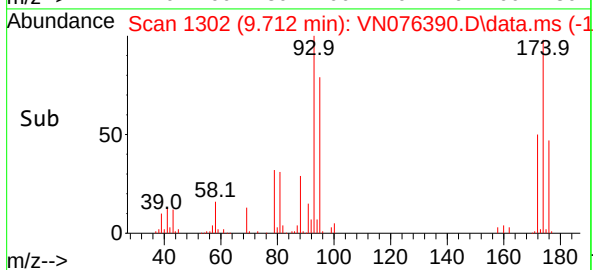
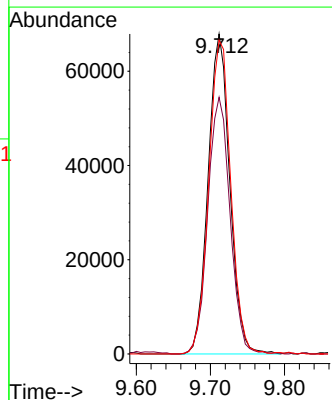
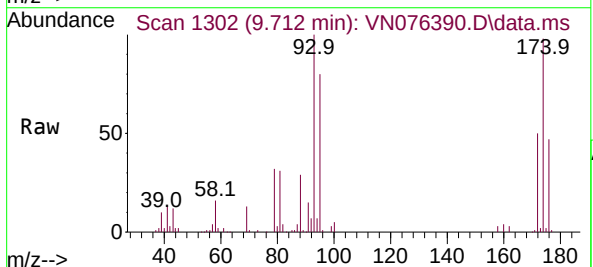
Manual Integrations
APPROVED

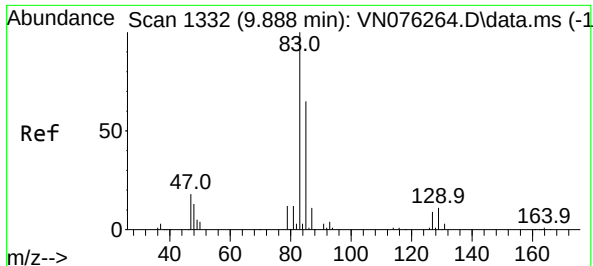
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#46
Dibromomethane
Concen: 49.025 ug/l
RT: 9.712 min Scan# 1302
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

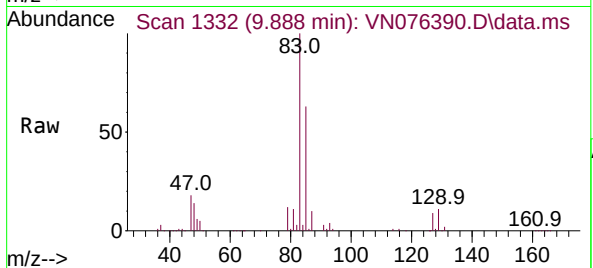
Tgt Ion: 93 Resp: 137950
Ion Ratio Lower Upper
93 100
95 82.6 66.0 99.0
174 99.7 81.3 121.9





#47
Bromodichloromethane
Concen: 52.831 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

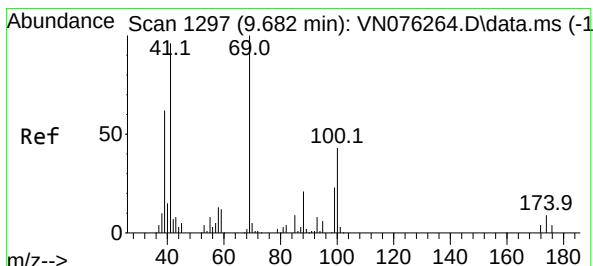
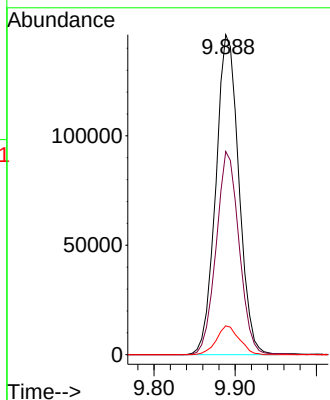
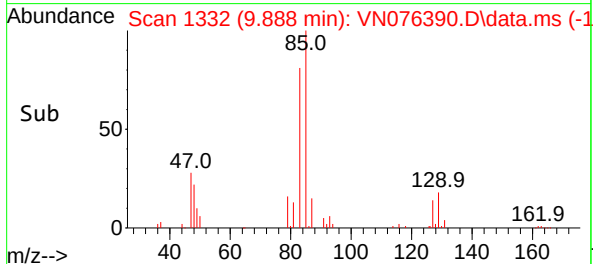
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



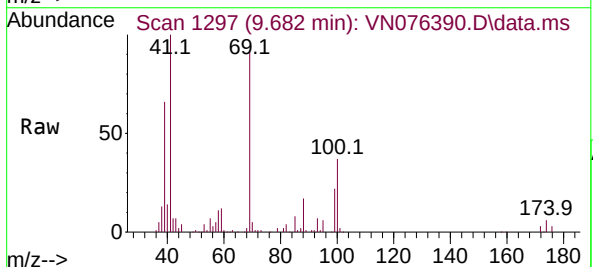
Tgt Ion: 83 Resp: 288320
Ion Ratio Lower Upper
83 100
85 63.5 52.1 78.1
127 9.0 7.4 11.0

Manual Integrations
APPROVED

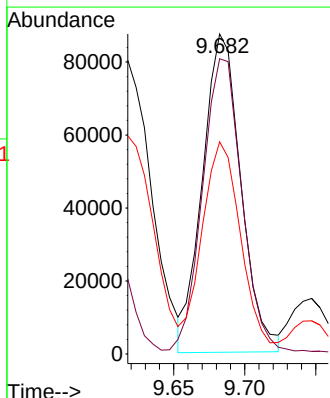
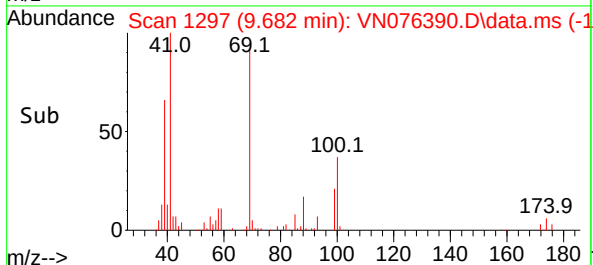
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

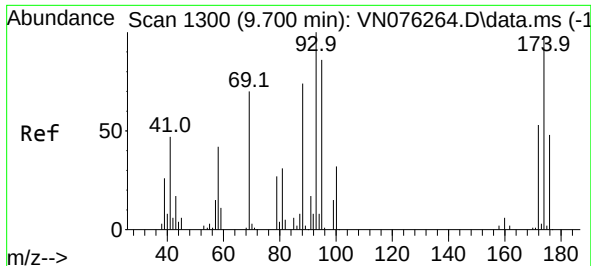


#48
Methyl methacrylate
Concen: 51.014 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14



Tgt Ion: 41 Resp: 164052
Ion Ratio Lower Upper
41 100
69 96.8 80.8 121.2
39 67.3 54.4 81.6





#49

1,4-Dioxane

Concen: 971.868 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN076390.D

Acq: 25 Jan 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 6594

Ion Ratio Lower Upper

88 100

43 22.8 18.1 27.1

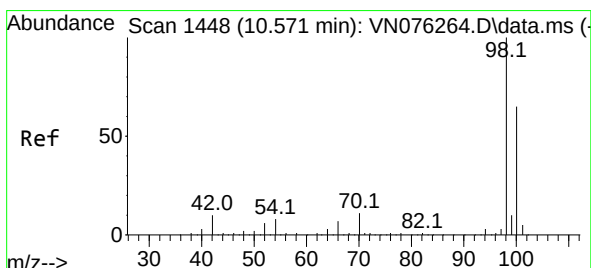
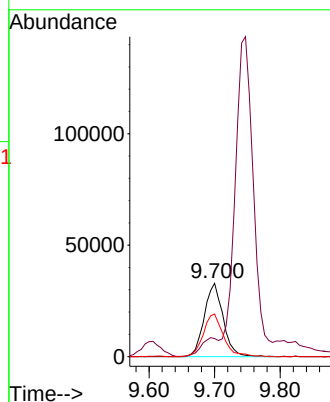
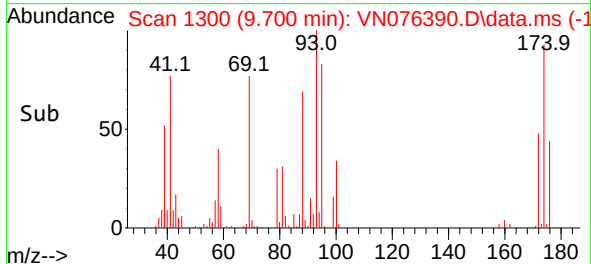
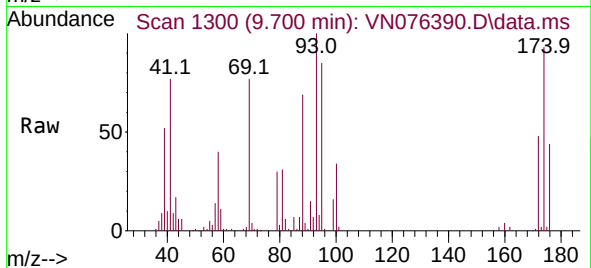
58 62.3 46.5 69.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#50

Toluene-d8

Concen: 50.525 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076390.D

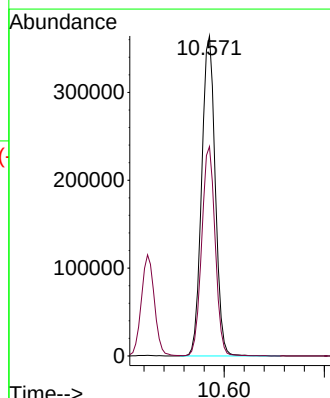
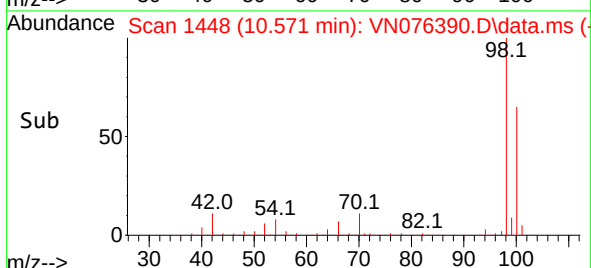
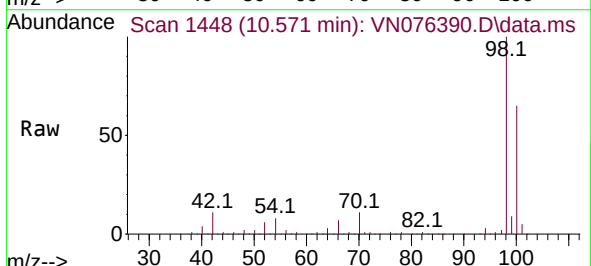
Acq: 25 Jan 2023 10:14

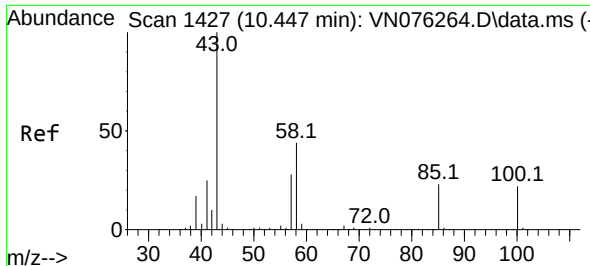
Tgt Ion: 98 Resp: 683608

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.4





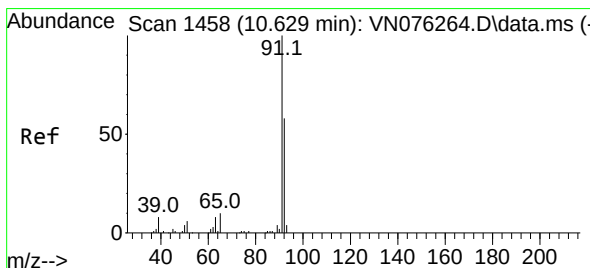
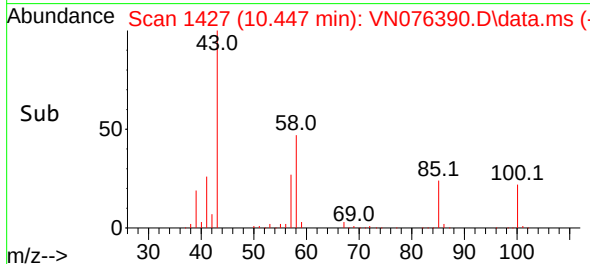
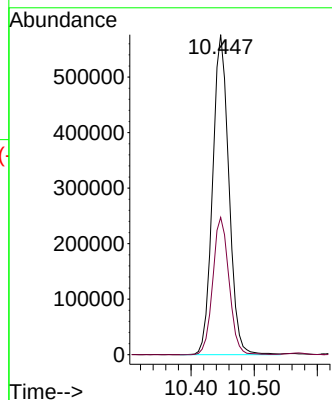
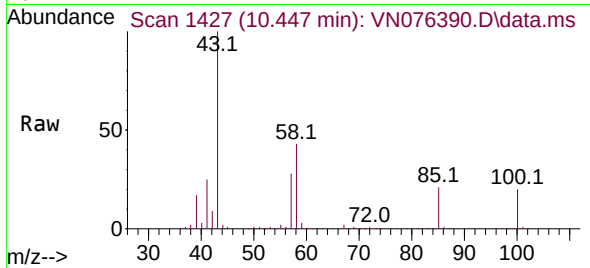
#51
4-Methyl-2-Pentanone
Concen: 258.786 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 103194
Ion Ratio Lower Upper
43 100
58 42.8 35.1 52.7

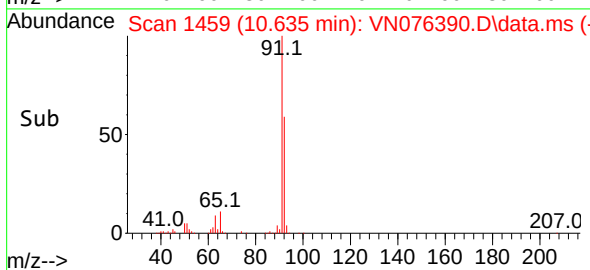
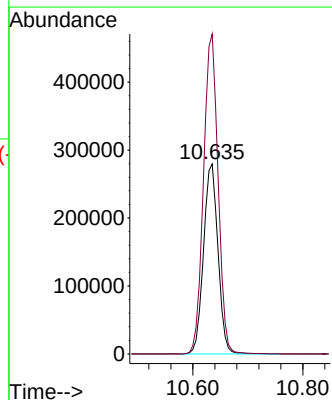
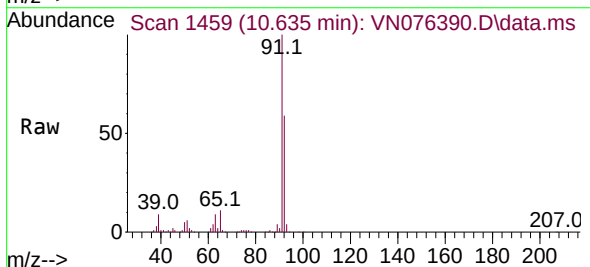
Manual Integrations
APPROVED

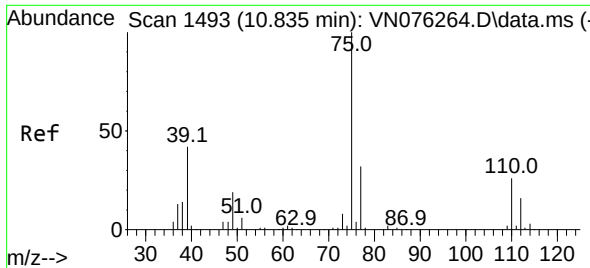
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#52
Toluene
Concen: 48.945 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

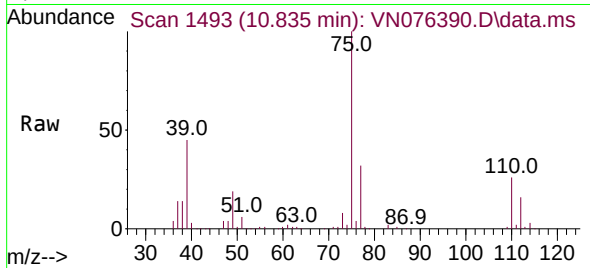
Tgt Ion: 92 Resp: 509510
Ion Ratio Lower Upper
92 100
91 170.2 136.6 205.0





#53
t-1,3-Dichloropropene
Concen: 53.597 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

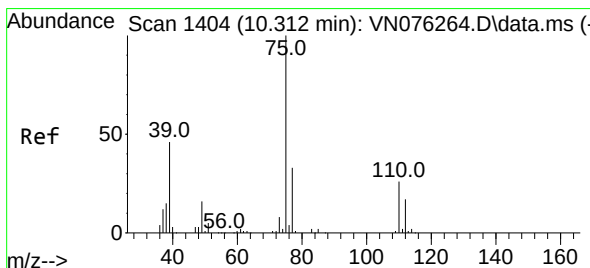
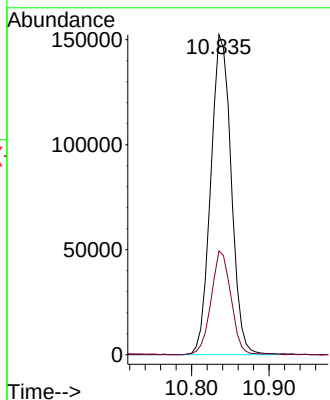
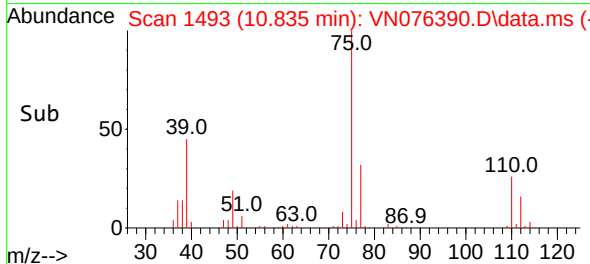
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



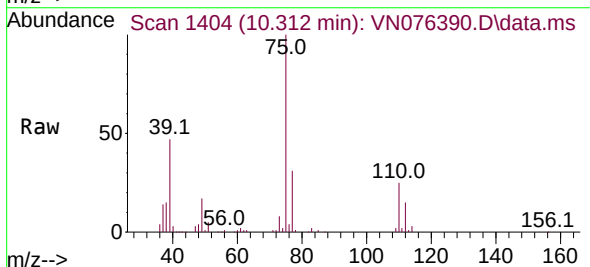
Tgt Ion: 75 Resp: 278844
Ion Ratio Lower Upper
75 100
77 32.5 25.8 38.6

Manual Integrations
APPROVED

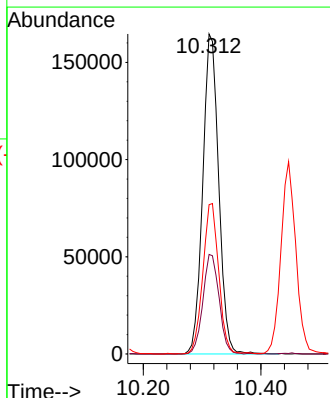
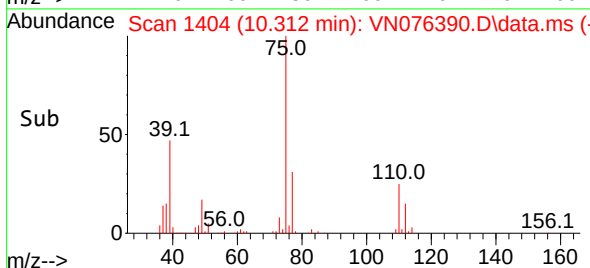
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

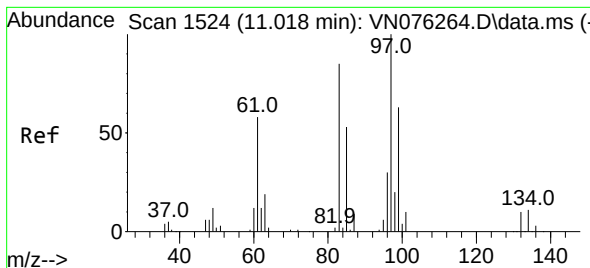


#54
cis-1,3-Dichloropropene
Concen: 51.729 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14



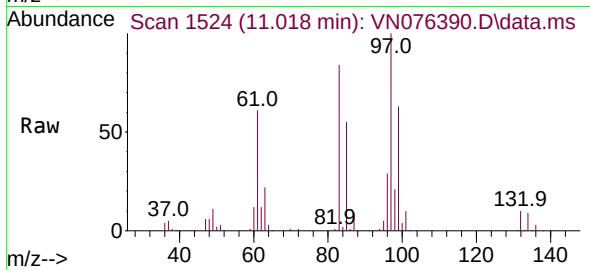
Tgt Ion: 75 Resp: 309621
Ion Ratio Lower Upper
75 100
77 31.1 26.5 39.7
39 46.5 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 49.952 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

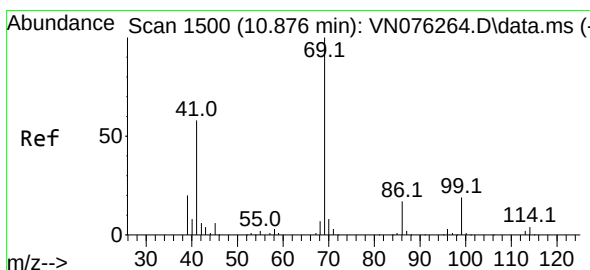
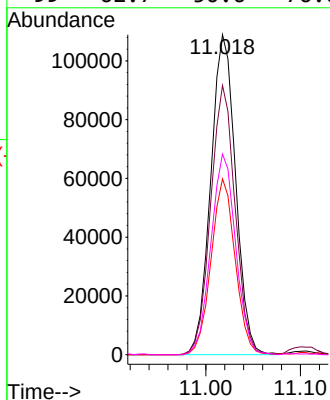
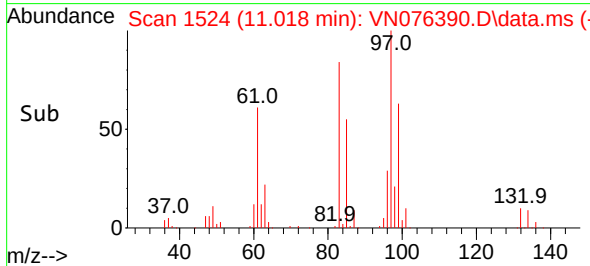
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



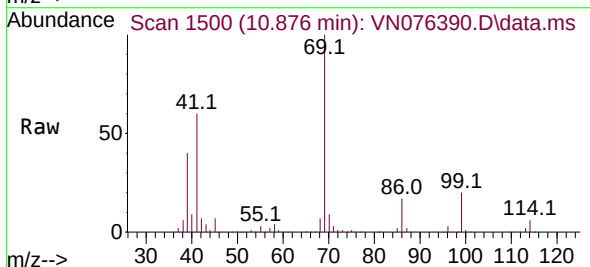
Tgt Ion: 97 Resp: 198759
Ion Ratio Lower Upper
97 100
83 84.2 67.8 101.6
85 54.9 42.3 63.5
99 62.7 50.6 76.0

Manual Integrations
APPROVED

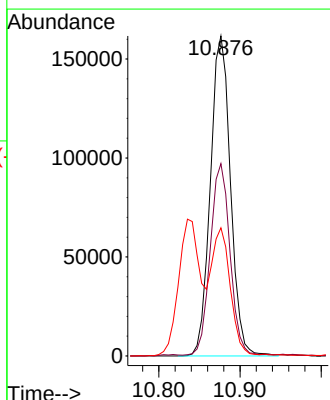
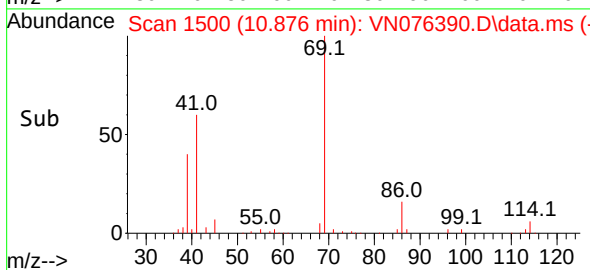
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

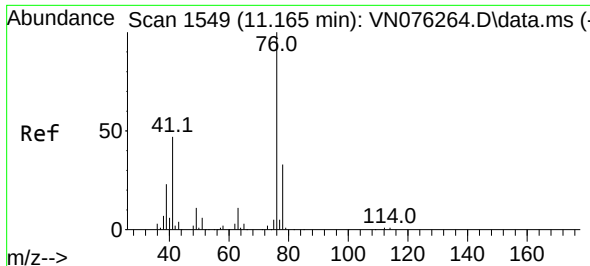


#56
Ethyl methacrylate
Concen: 54.233 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14



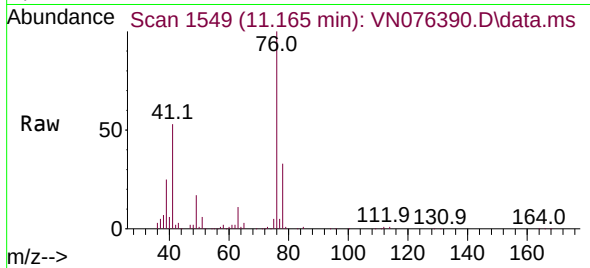
Tgt Ion: 69 Resp: 278591
Ion Ratio Lower Upper
69 100
41 58.4 45.3 67.9
39 36.3 29.3 43.9





#57
1,3-Dichloropropane
Concen: 50.491 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

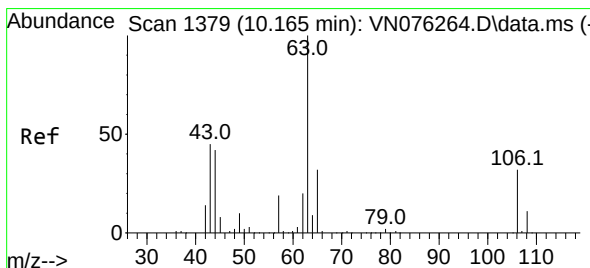
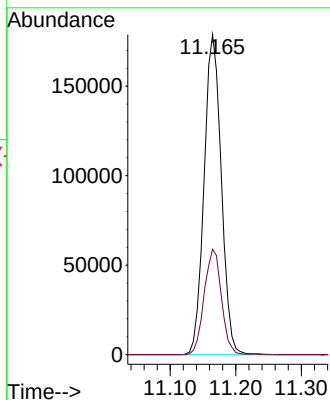
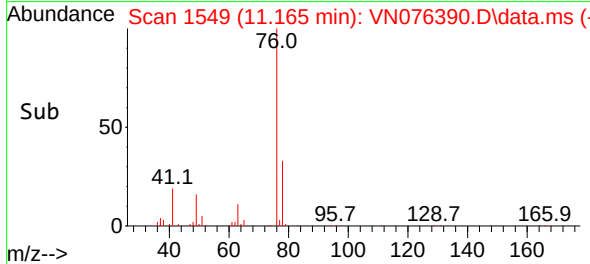
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



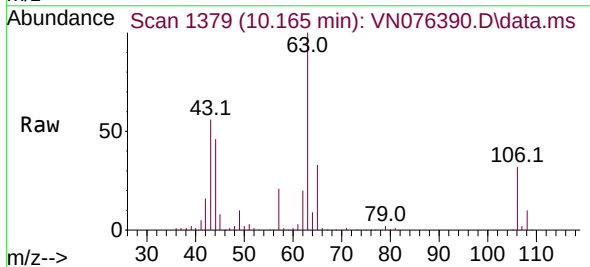
Tgt Ion: 76 Resp: 326483
Ion Ratio Lower Upper
76 100
78 33.0 26.4 39.6

Manual Integrations
APPROVED

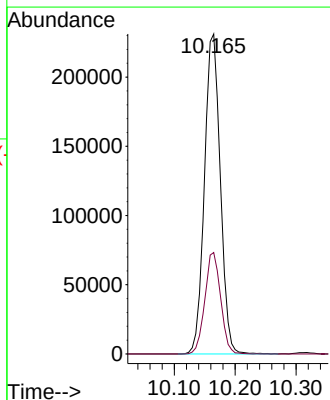
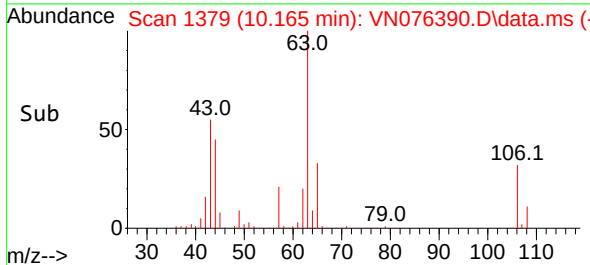
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

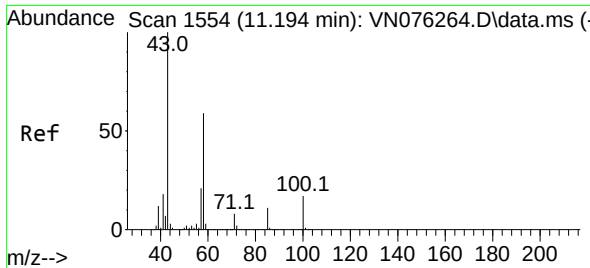


#58
2-Chloroethyl Vinyl ether
Concen: 241.387 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14



Tgt Ion: 63 Resp: 418612
Ion Ratio Lower Upper
63 100
106 31.5 26.2 39.2





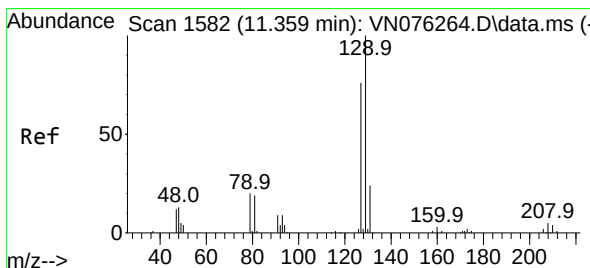
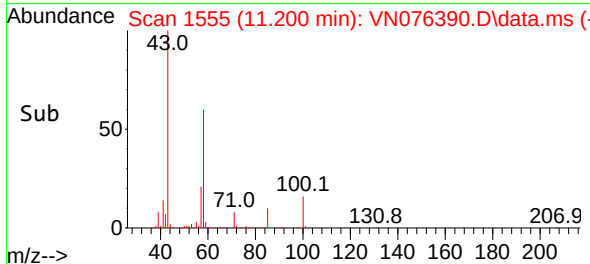
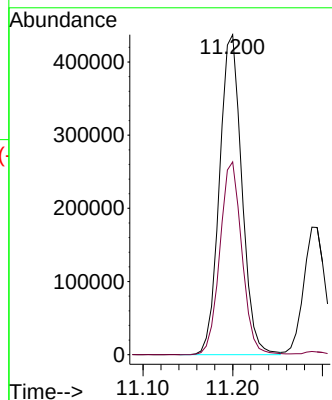
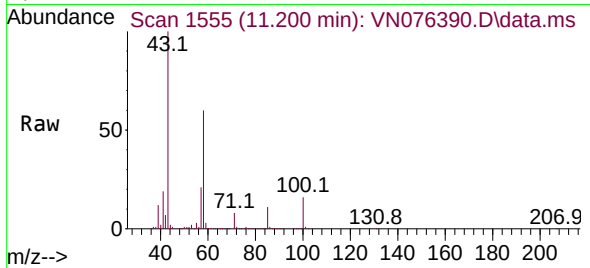
#59
2-Hexanone
Concen: 261.864 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 75670
Ion Ratio Lower Upper
43 100
58 59.3 30.1 90.3

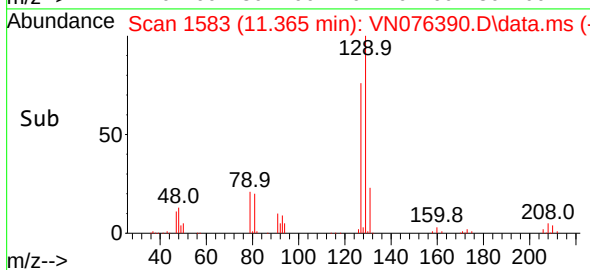
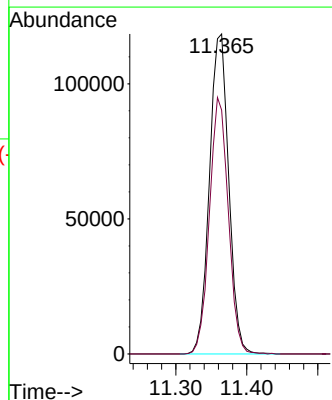
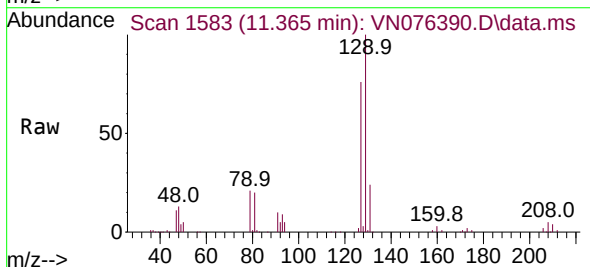
Manual Integrations
APPROVED

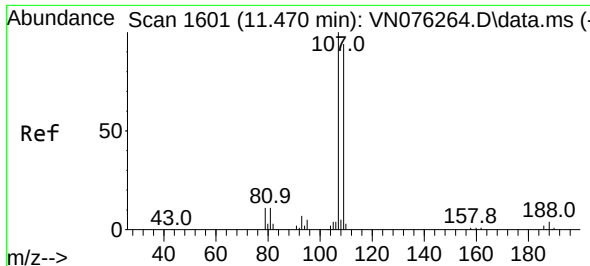
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#60
Dibromochloromethane
Concen: 53.217 ug/l
RT: 11.365 min Scan# 1583
Delta R.T. 0.006 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

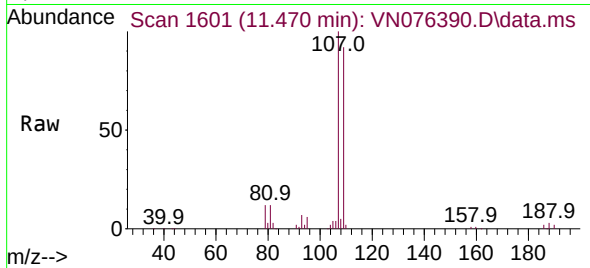
Tgt Ion:129 Resp: 222905
Ion Ratio Lower Upper
129 100
127 78.5 38.7 116.1





#61
1,2-Dibromoethane
Concen: 50.100 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

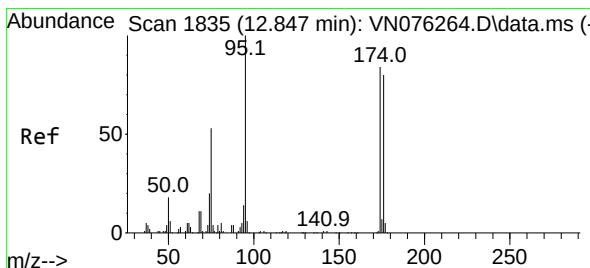
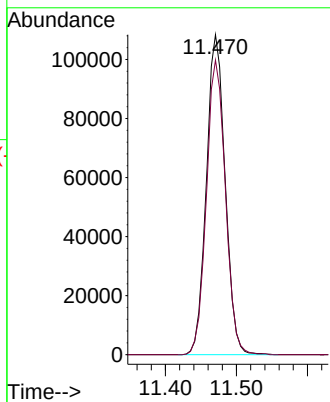
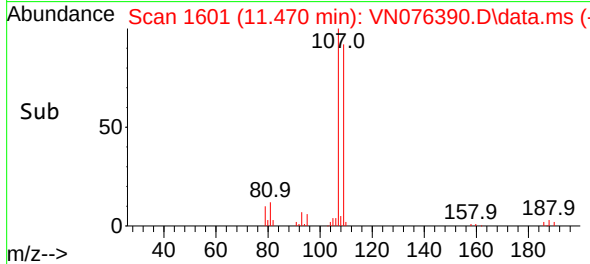
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



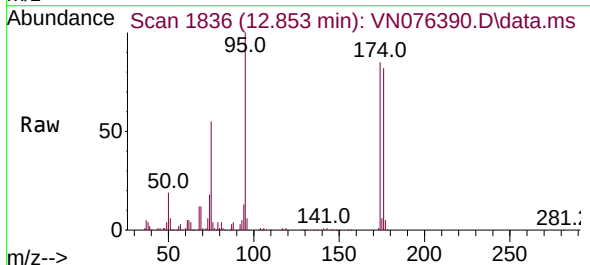
Tgt Ion:107 Resp: 198979
Ion Ratio Lower Upper
107 100
109 93.4 76.0 114.0

Manual Integrations
APPROVED

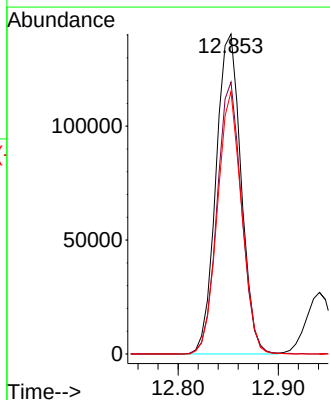
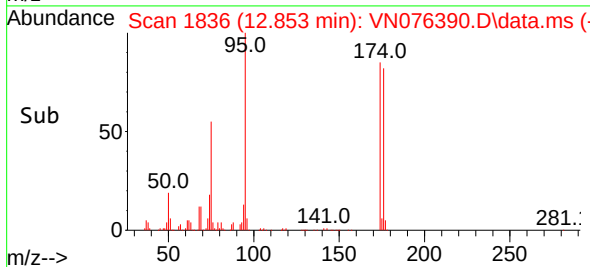
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

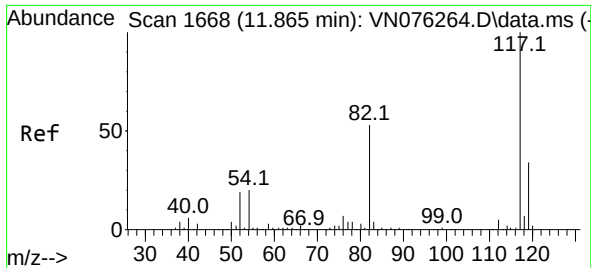


#62
4-Bromofluorobenzene
Concen: 55.272 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14



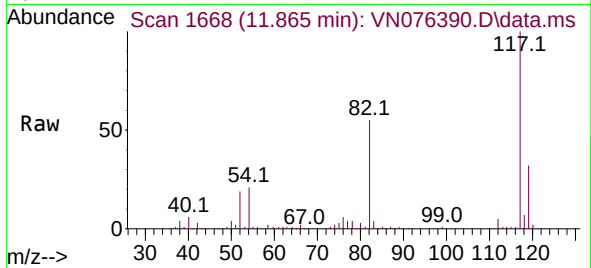
Tgt Ion: 95 Resp: 244131
Ion Ratio Lower Upper
95 100
174 82.7 0.0 174.6
176 79.2 0.0 167.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

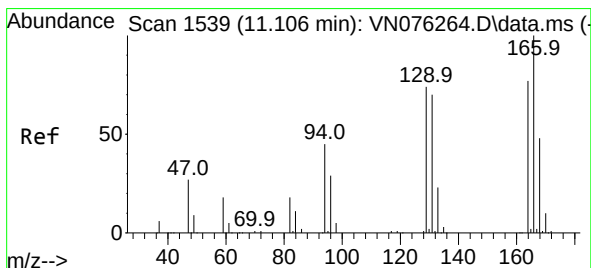
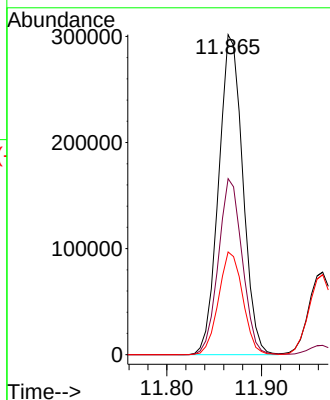
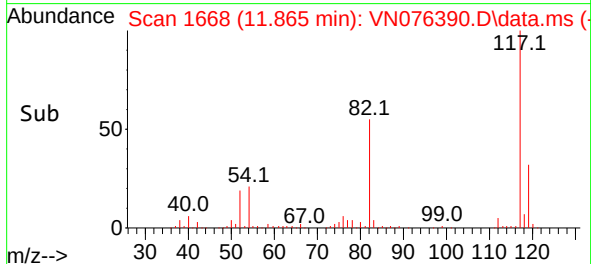
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 535380
Ion Ratio Lower Upper
117 100
82 55.0 42.2 63.2
119 32.1 26.9 40.3

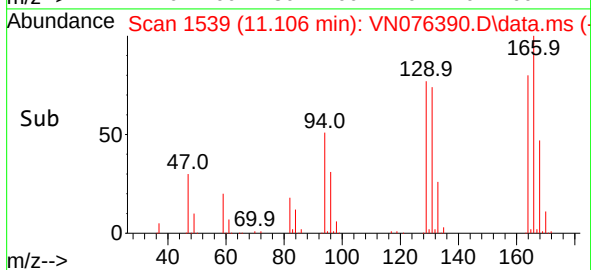
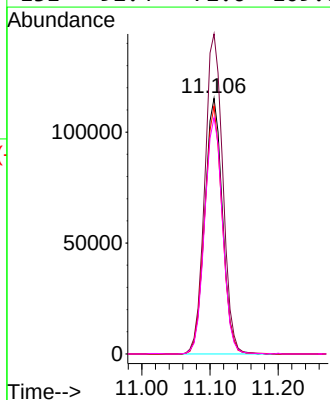
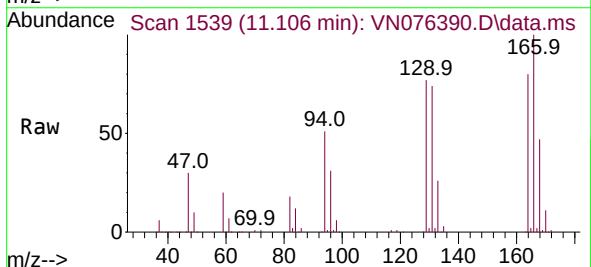
Manual Integrations
APPROVED

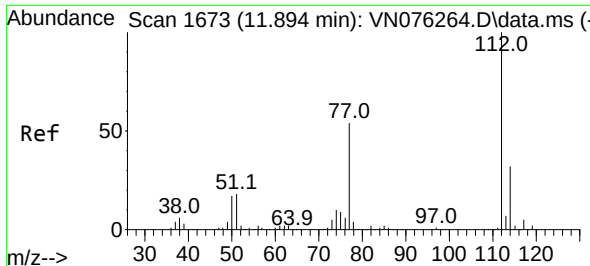
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#64
Tetrachloroethene
Concen: 43.054 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

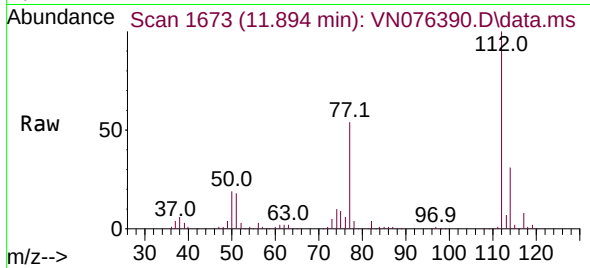
Tgt Ion:164 Resp: 207871
Ion Ratio Lower Upper
164 100
166 125.2 104.0 156.0
129 96.9 76.6 114.8
131 92.4 72.6 109.0





#65
Chlorobenzene
Concen: 48.254 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

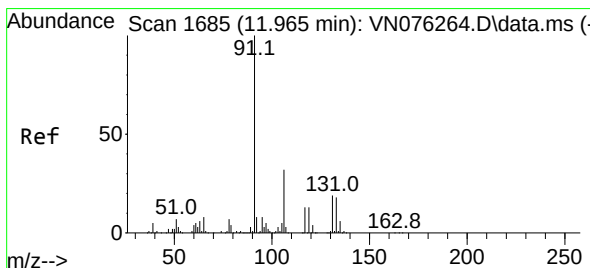
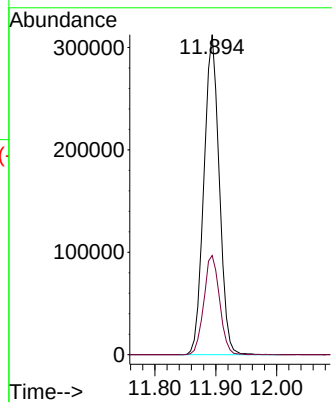
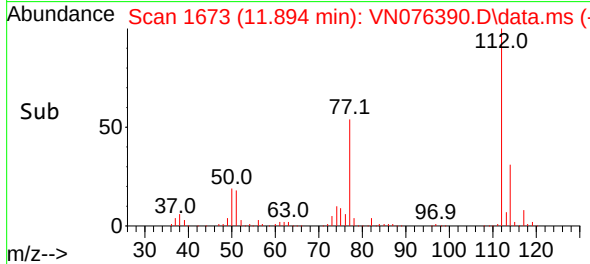
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:112 Resp: 546108
Ion Ratio Lower Upper
112 100
114 31.0 25.3 37.9

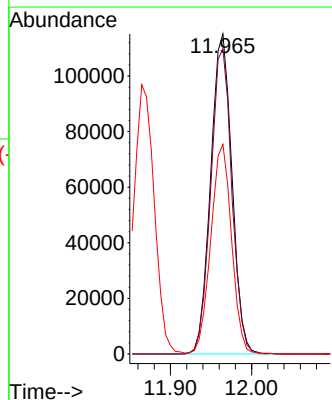
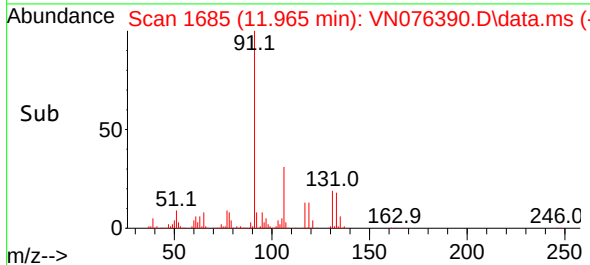
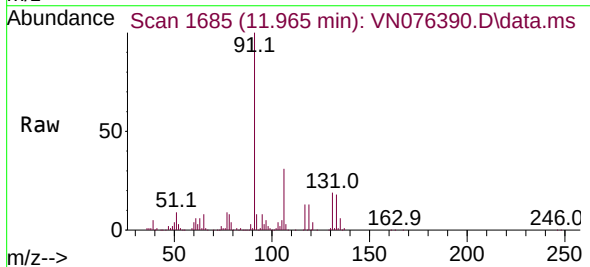
Manual Integrations
APPROVED

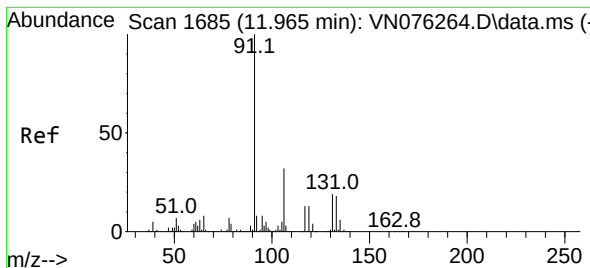
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 49.761 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

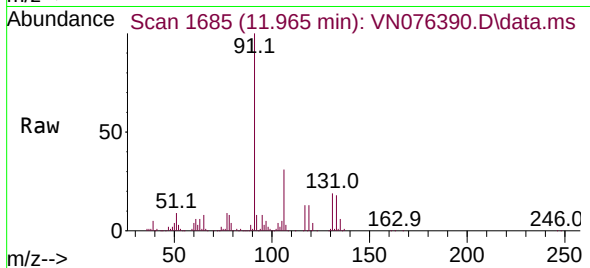
Tgt Ion:131 Resp: 209534
Ion Ratio Lower Upper
131 100
133 94.4 47.4 142.2
119 63.8 32.3 96.8





#67
Ethyl Benzene
Concen: 51.574 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

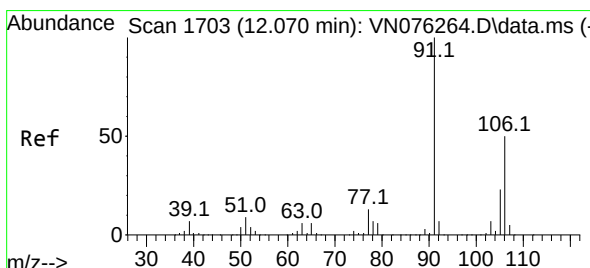
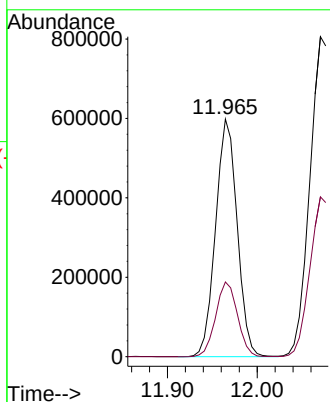
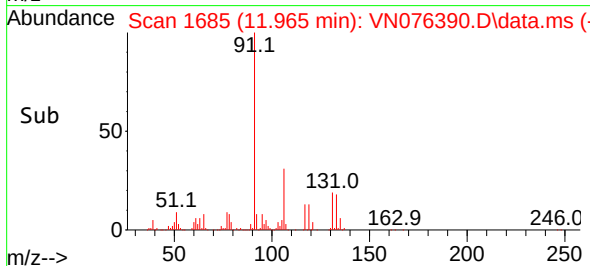
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



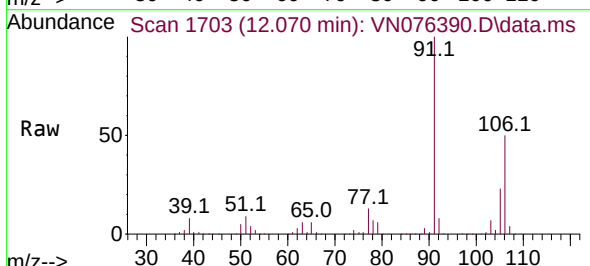
Tgt Ion: 91 Resp: 99895
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3

Manual Integrations
APPROVED

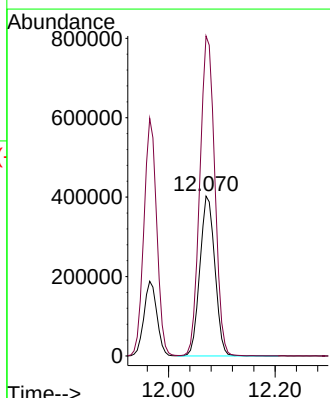
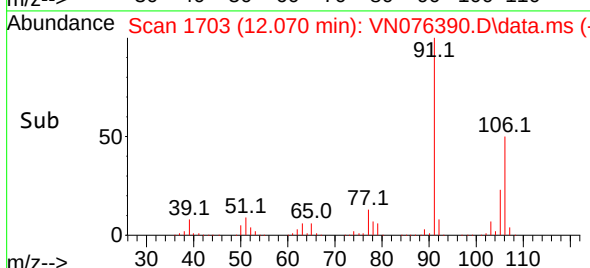
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

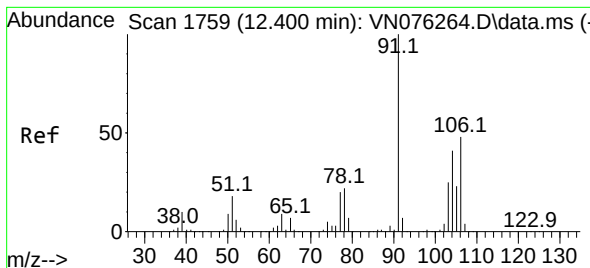


#68
m/p-Xylenes
Concen: 101.202 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14



Tgt Ion:106 Resp: 786020
Ion Ratio Lower Upper
106 100
91 199.4 157.5 236.3





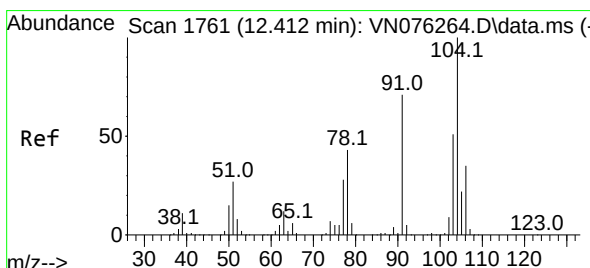
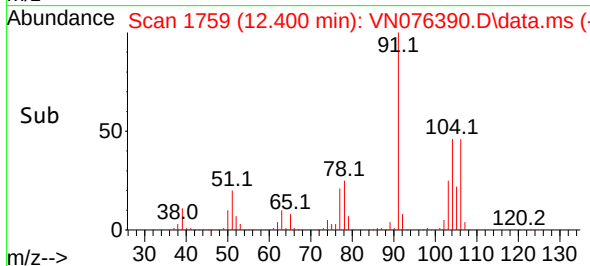
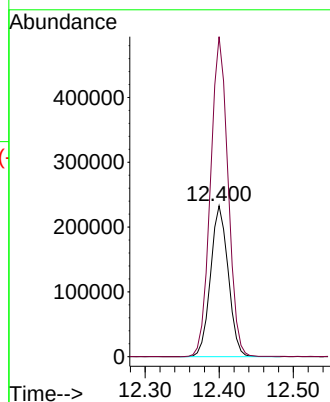
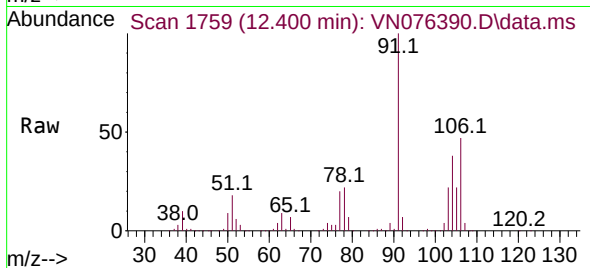
#69
o-Xylene
Concen: 50.504 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 385209
Ion Ratio Lower Upper
106 100
91 211.5 103.2 309.4

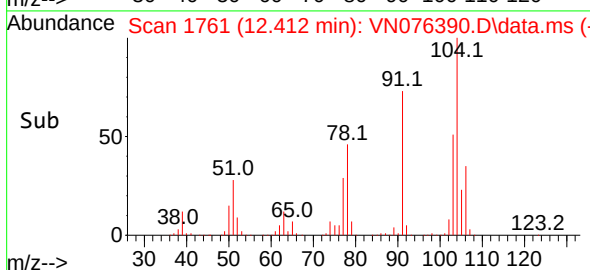
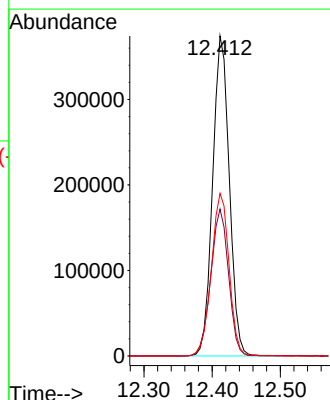
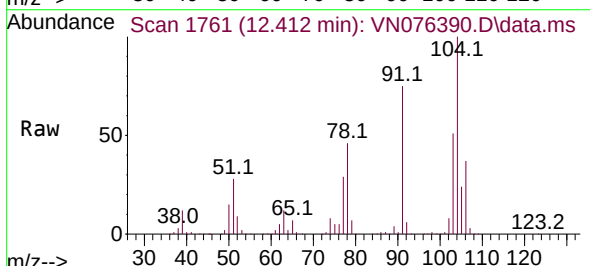
Manual Integrations
APPROVED

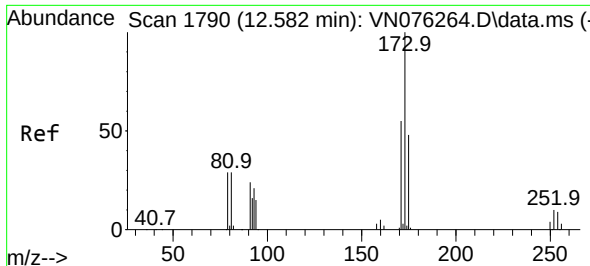
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#70
Styrene
Concen: 52.321 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

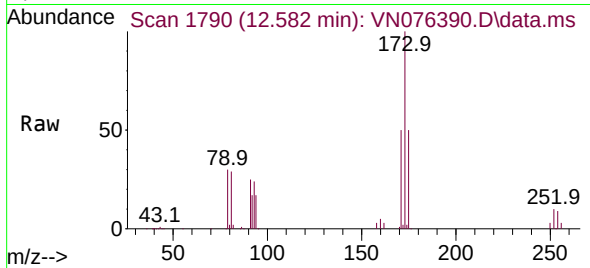
Tgt Ion:104 Resp: 637197
Ion Ratio Lower Upper
104 100
78 48.8 37.4 56.0
103 54.0 44.2 66.2





#71
Bromoform
Concen: 51.911 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

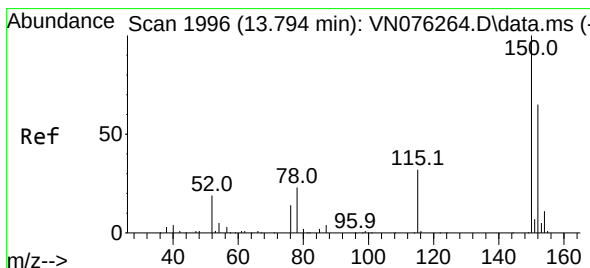
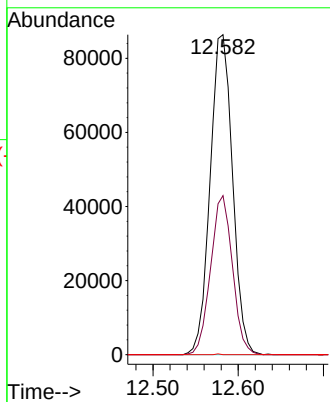
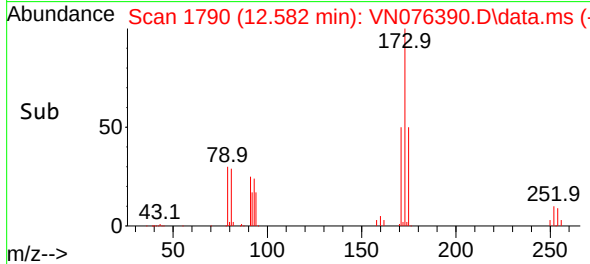
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



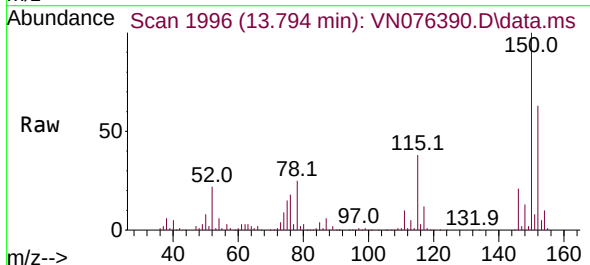
Tgt Ion:173 Resp: 15785
Ion Ratio Lower Upper
173 100
175 48.4 24.1 72.4
254 0.0 0.0 0.0

Manual Integrations
APPROVED

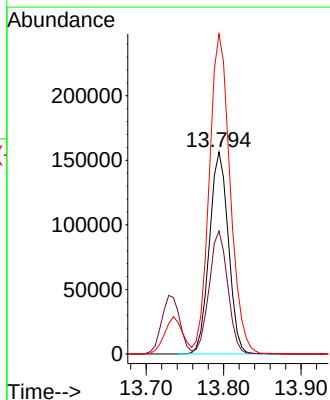
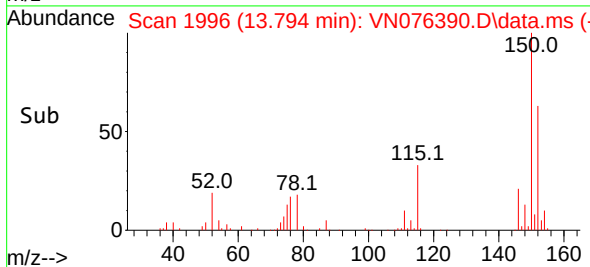
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

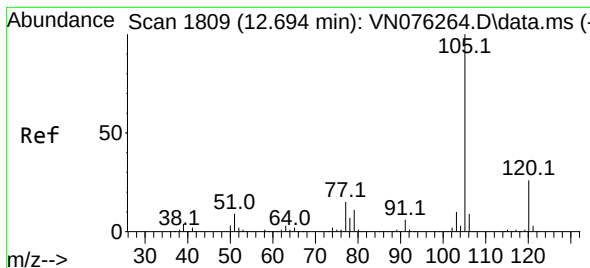


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14



Tgt Ion:152 Resp: 266034
Ion Ratio Lower Upper
152 100
115 59.9 29.6 88.9
150 174.2 0.0 351.4





#73

Isopropylbenzene

Concen: 49.416 ug/l

RT: 12.700 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN076390.D

Acq: 25 Jan 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 1017008

Ion Ratio Lower Upper

105 100

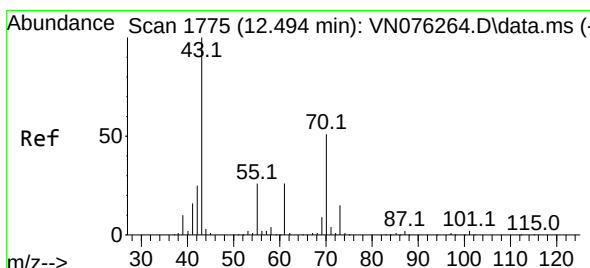
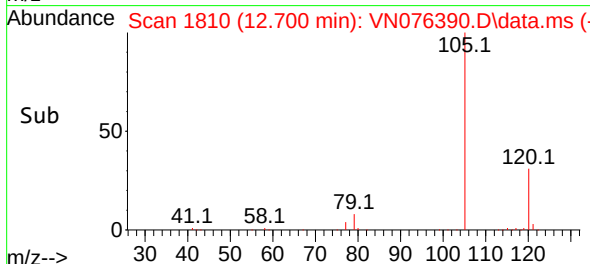
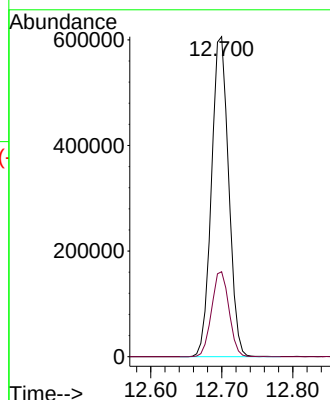
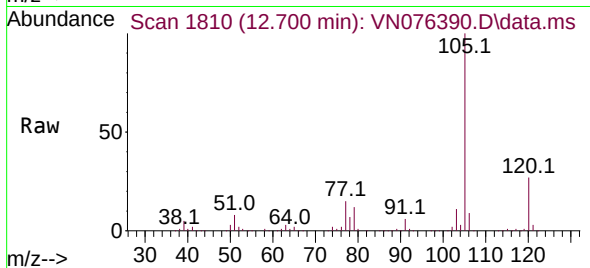
120 26.8 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#74

N-ethyl acetate

Concen: 49.765 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN076390.D

Acq: 25 Jan 2023 10:14

Tgt Ion: 43 Resp: 294607

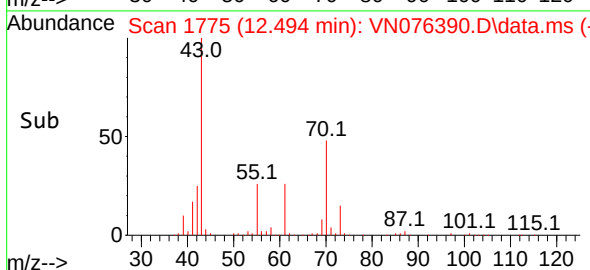
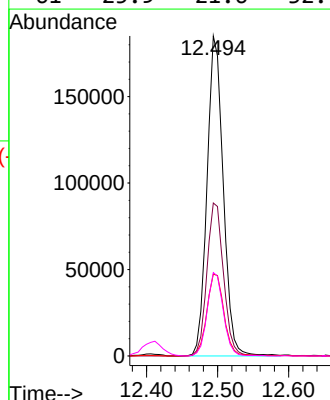
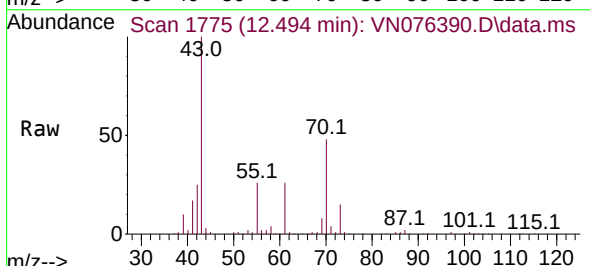
Ion Ratio Lower Upper

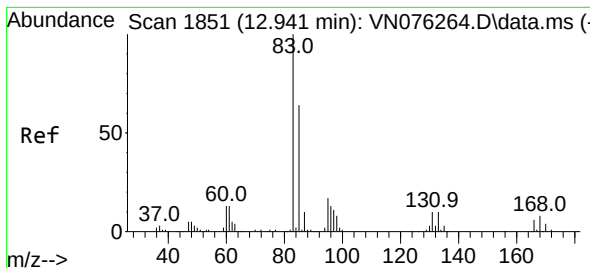
43 100

70 49.2 41.2 61.8

55 26.9 21.0 31.6

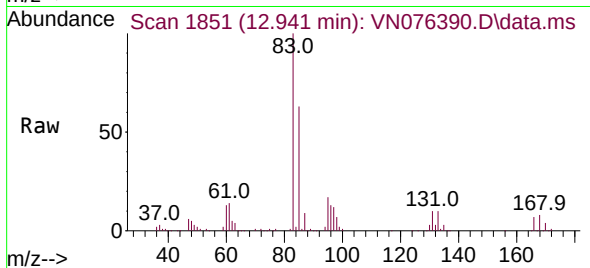
61 25.9 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 46.418 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

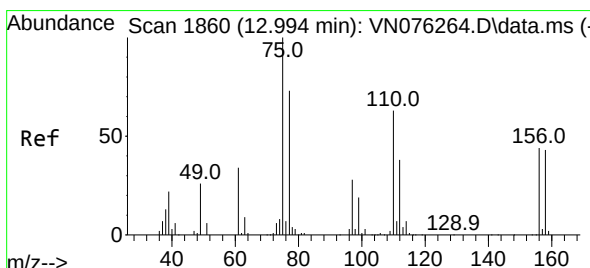
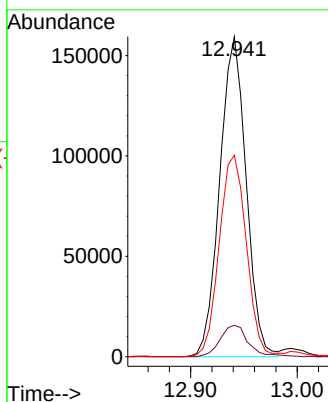
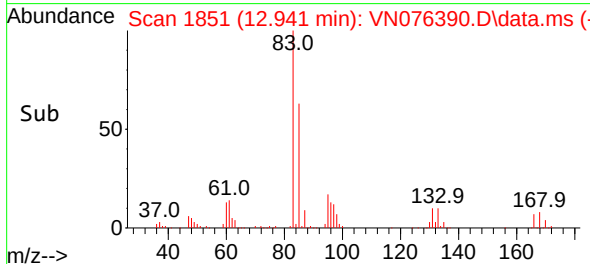
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



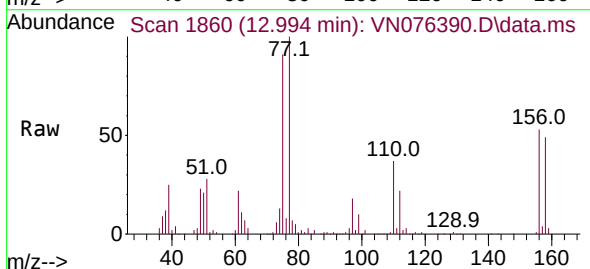
Tgt Ion: 83 Resp: 27462
Ion Ratio Lower Upper
83 100
131 10.4 5.5 16.4
85 64.8 31.7 95.1

Manual Integrations
APPROVED

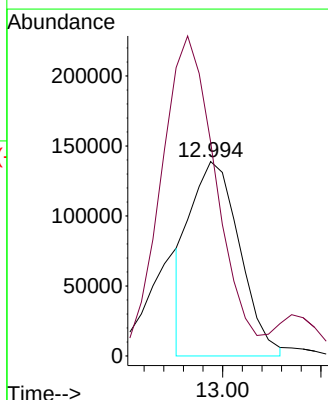
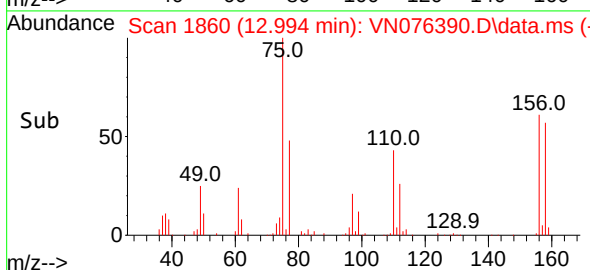
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

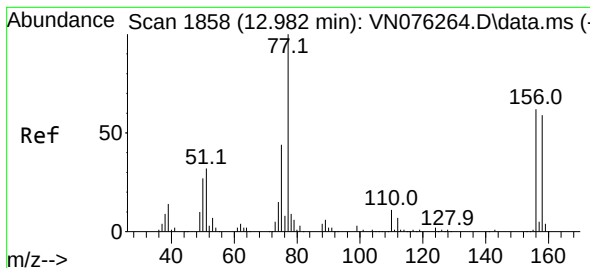


#76
1,2,3-Trichloropropane
Concen: 50.304 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14



Tgt Ion: 75 Resp: 243767
Ion Ratio Lower Upper
75 100
77 183.2 75.2 225.6





#77

Bromobenzene

Concen: 49.473 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076390.D

Acq: 25 Jan 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

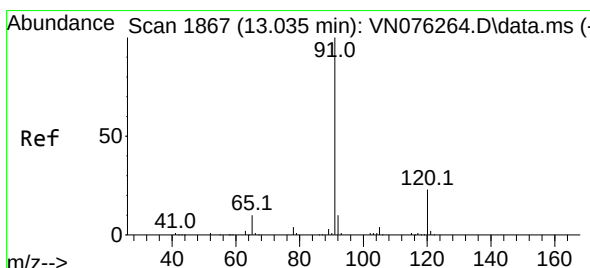
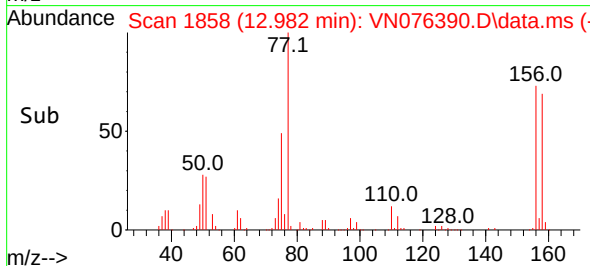
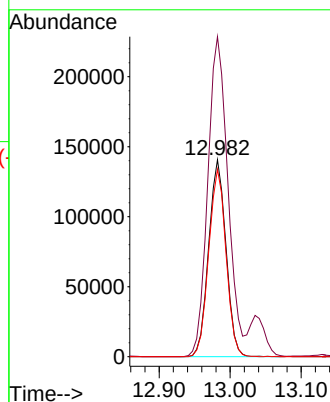
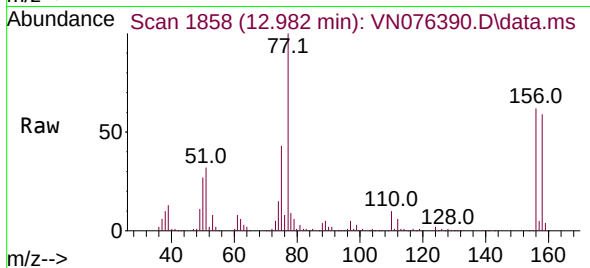
Tgt Ion:156 Resp: 238073
 Ion Ratio Lower Upper
 156 100
 77 187.5 93.4 280.2
 158 95.1 48.4 145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#78

n-propylbenzene

Concen: 50.915 ug/l

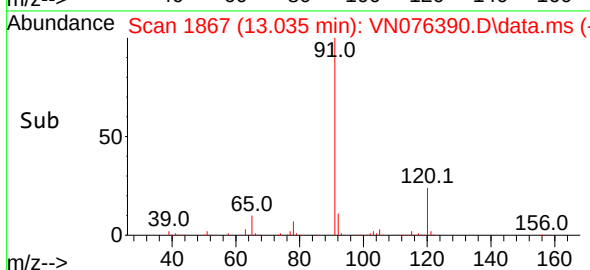
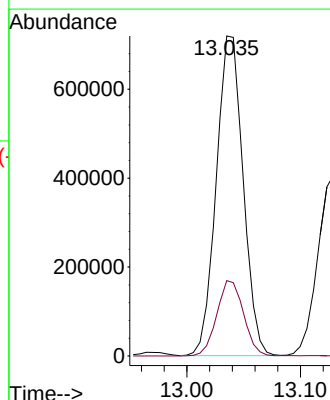
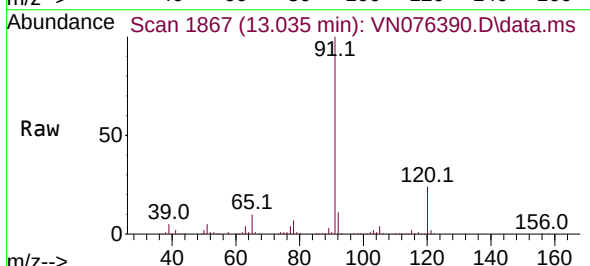
RT: 13.035 min Scan# 1867

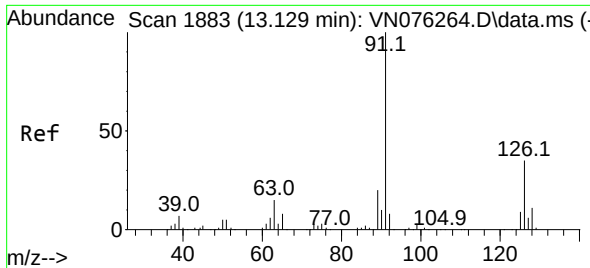
Delta R.T. 0.000 min

Lab File: VN076390.D

Acq: 25 Jan 2023 10:14

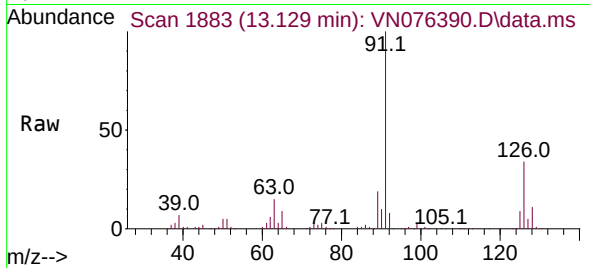
Tgt Ion: 91 Resp: 1182332
 Ion Ratio Lower Upper
 91 100
 120 23.5 11.9 35.5





#79
2-Chlorotoluene
Concen: 48.694 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

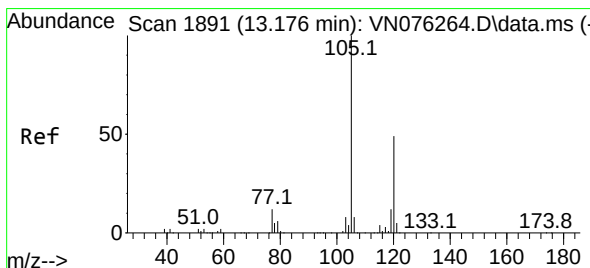
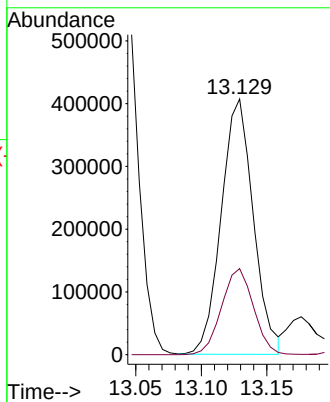
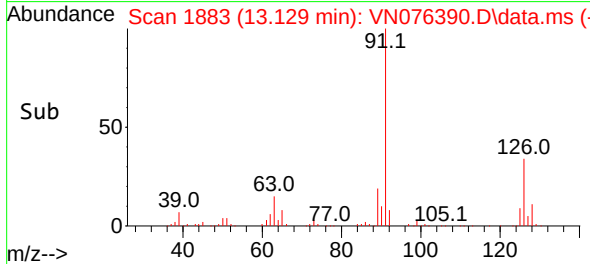
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



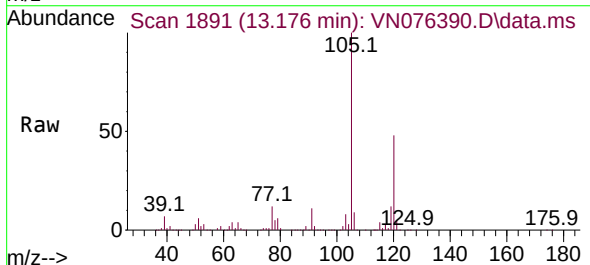
Tgt Ion: 91 Resp: 693880
Ion Ratio Lower Upper
91 100
126 33.5 17.4 52.2

Manual Integrations
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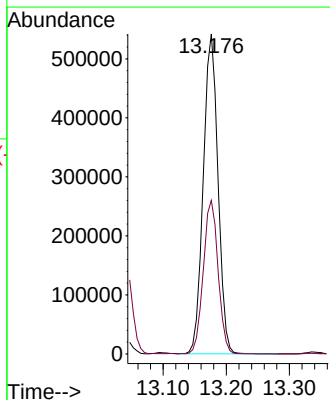
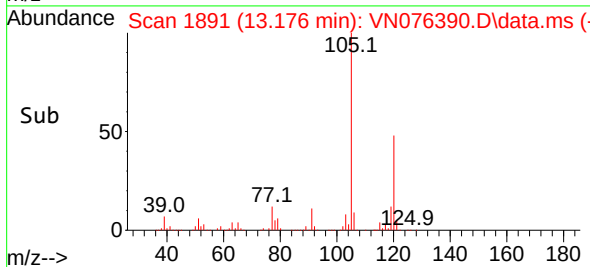
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023

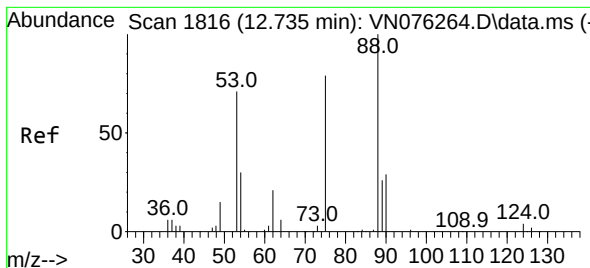


#80
1,3,5-Trimethylbenzene
Concen: 50.948 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14



Tgt Ion:105 Resp: 878413
Ion Ratio Lower Upper
105 100
120 48.4 25.0 75.0





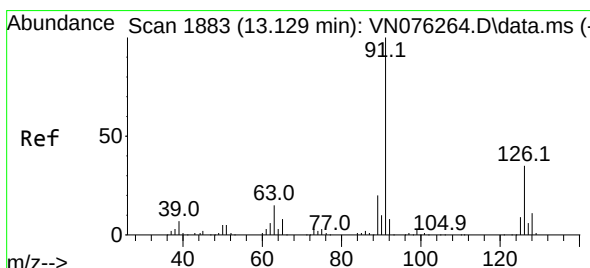
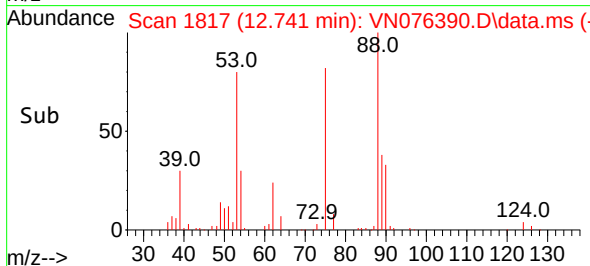
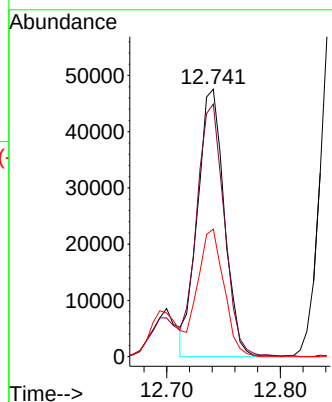
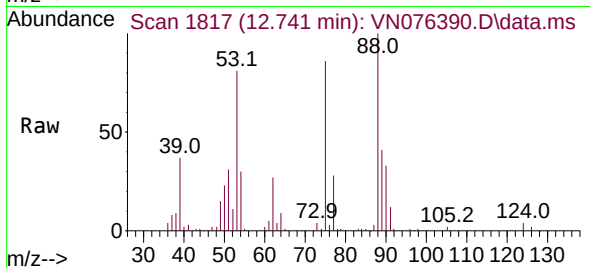
#81
trans-1,4-Dichloro-2-butene
Concen: 48.768 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 77970
Ion Ratio Lower Upper
75 100
53 97.7 75.8 113.8
89 45.9 37.0 55.6

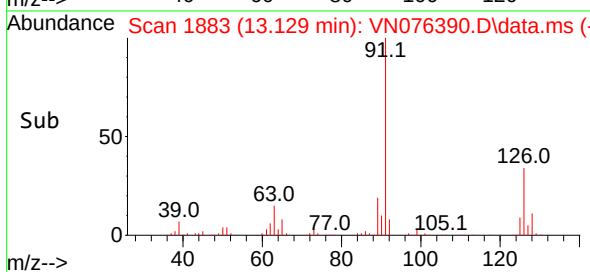
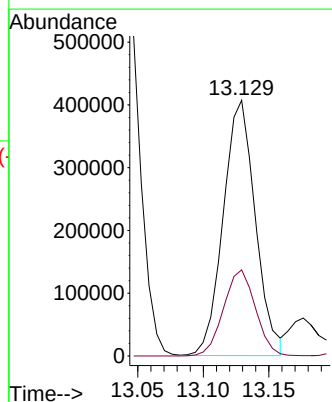
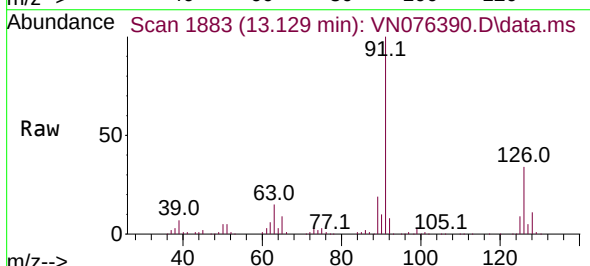
Manual Integrations
APPROVED

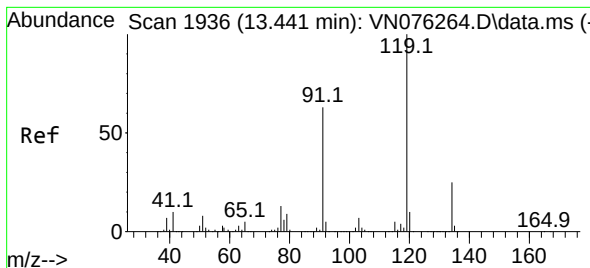
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#82
4-Chlorotoluene
Concen: 48.694 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

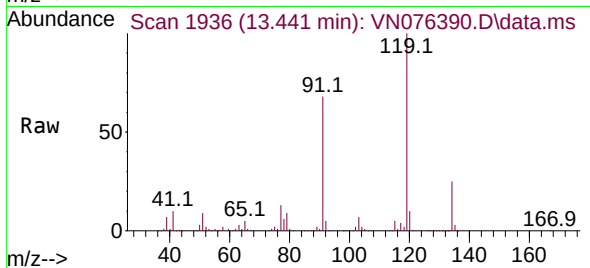
Tgt Ion: 91 Resp: 693880
Ion Ratio Lower Upper
91 100
126 33.5 17.4 52.2





#83
tert-Butylbenzene
Concen: 49.587 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

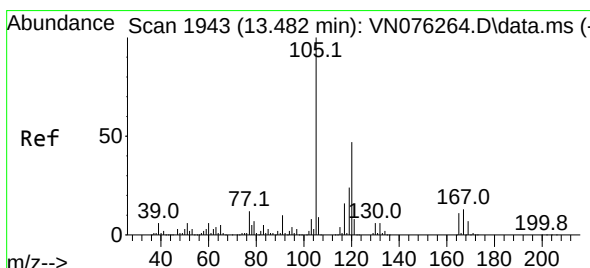
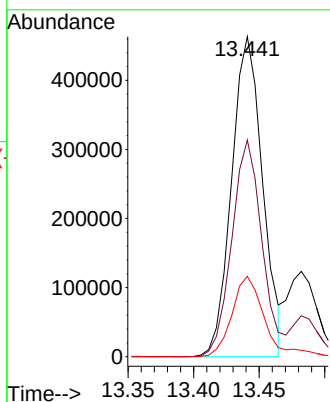
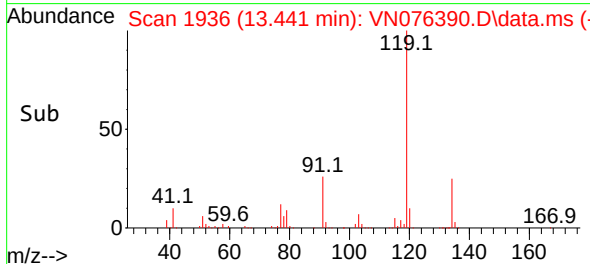
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:119 Resp: 76040
Ion Ratio Lower Upper
119 100
91 66.5 32.2 96.6
134 26.5 13.6 40.8

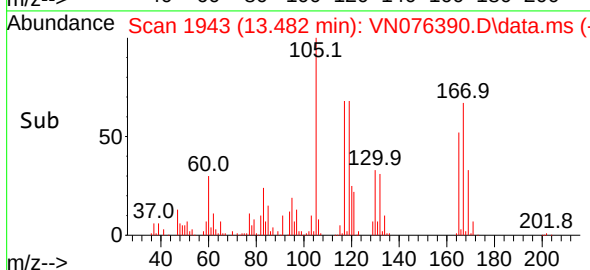
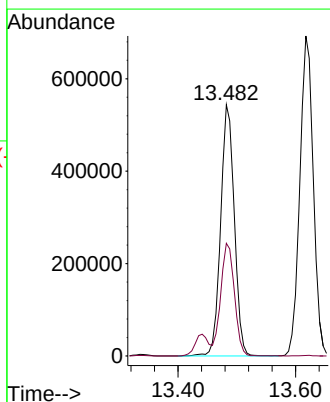
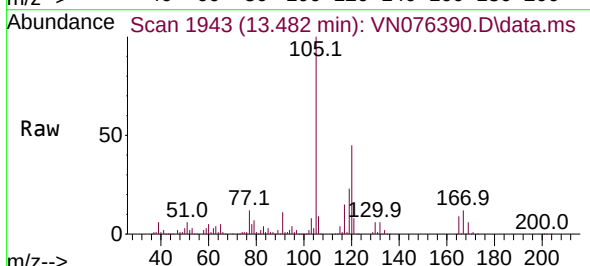
Manual Integrations
APPROVED

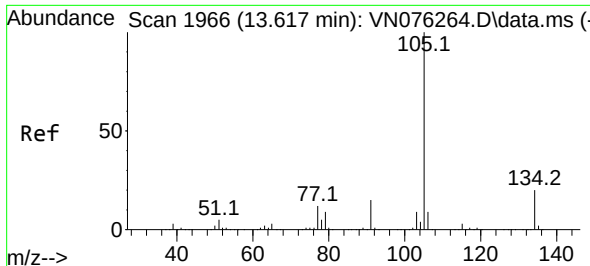
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#84
1,2,4-Trimethylbenzene
Concen: 50.799 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

Tgt Ion:105 Resp: 878233
Ion Ratio Lower Upper
105 100
120 44.7 22.9 68.5





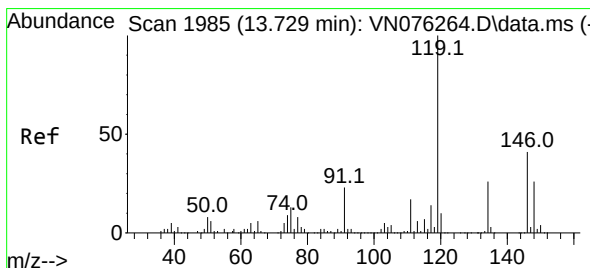
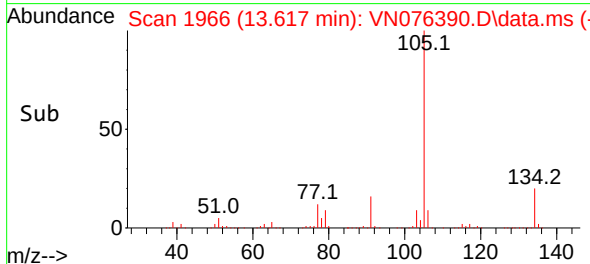
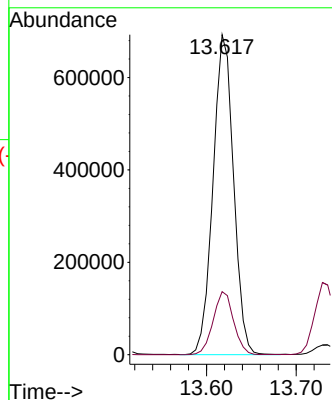
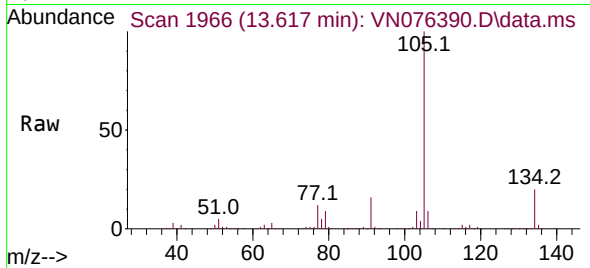
#85
 sec-Butylbenzene
 Concen: 51.644 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076390.D
 Acq: 25 Jan 2023 10:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 109890
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.3 30.8

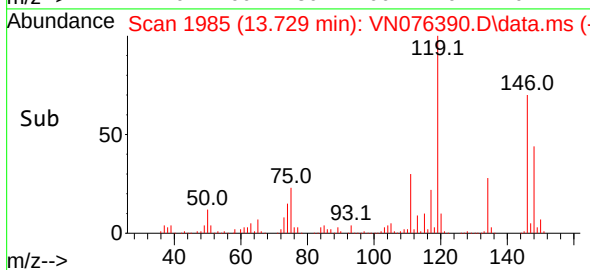
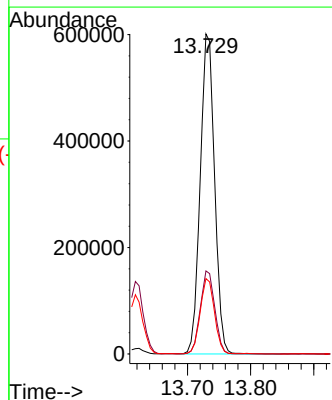
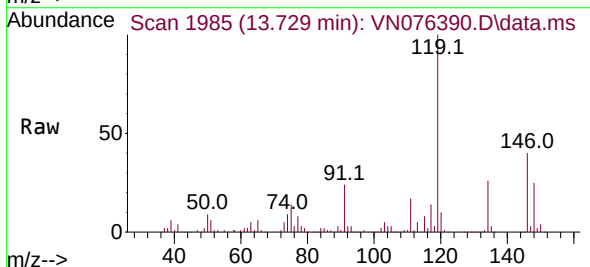
Manual Integrations
 APPROVED

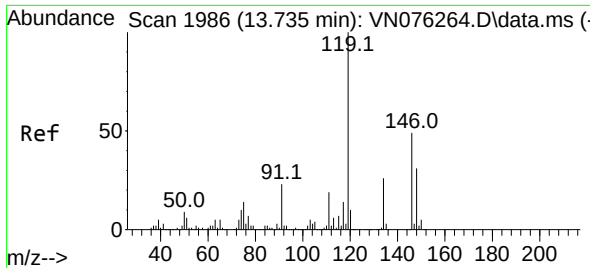
Reviewed By :John Carlone 01/26/2023
 Supervised By :Semsettin Yesilyurt 01/26/2023



#86
 p-Isopropyltoluene
 Concen: 54.424 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076390.D
 Acq: 25 Jan 2023 10:14

Tgt Ion:119 Resp: 952287
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.2 39.6
 91 23.3 11.8 35.3





#87
1,3-Dichlorobenzene
Concen: 47.805 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

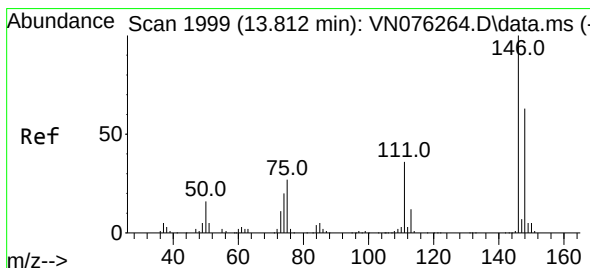
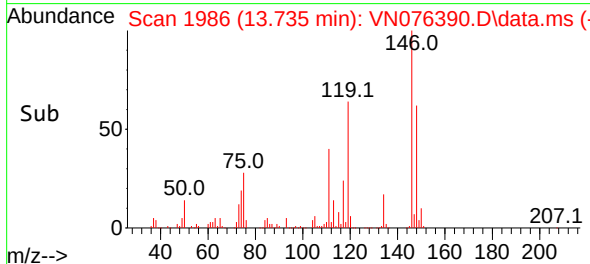
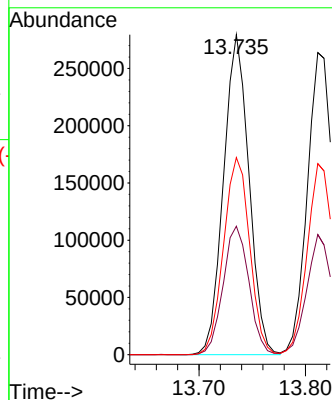
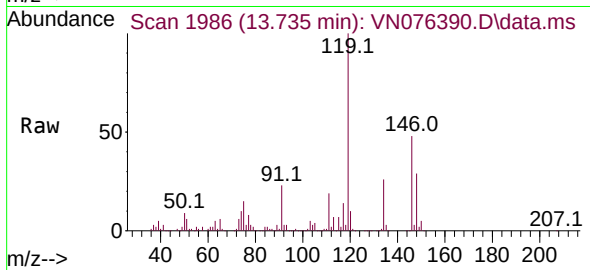
VSTDCCC050

Tgt Ion:146 Resp: 463714
Ion Ratio Lower Upper
146 100
111 40.8 19.9 59.7
148 63.2 31.6 94.8

Manual Integrations

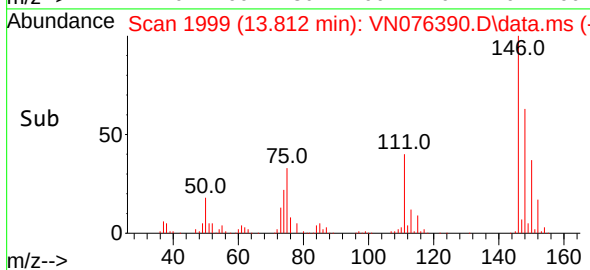
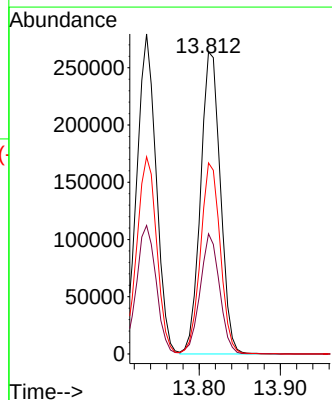
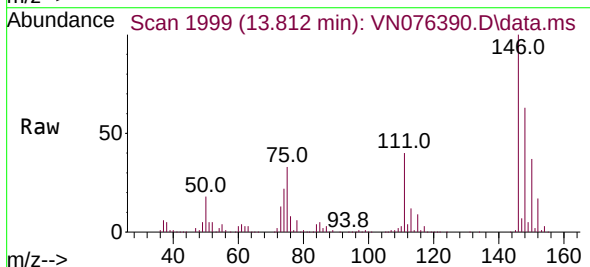
APPROVED

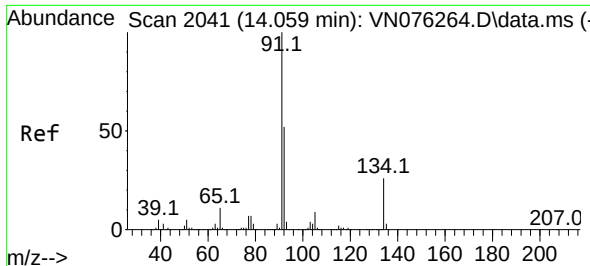
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#88
1,4-Dichlorobenzene
Concen: 48.532 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

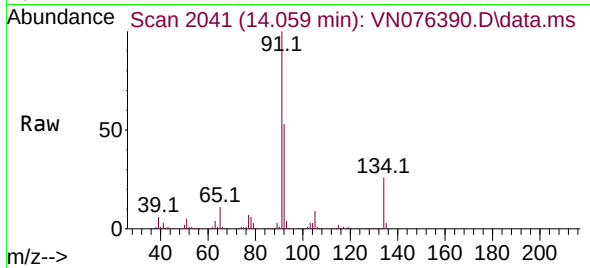
Tgt Ion:146 Resp: 447799
Ion Ratio Lower Upper
146 100
111 38.7 19.1 57.5
148 63.0 31.9 95.9





#89
n-Butylbenzene
Concen: 54.935 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

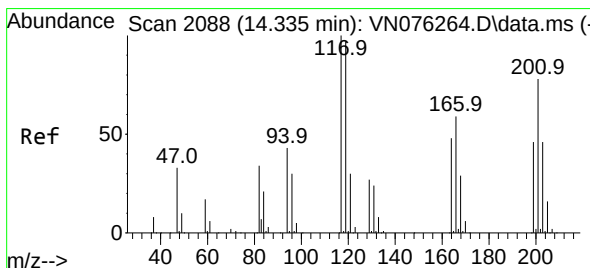
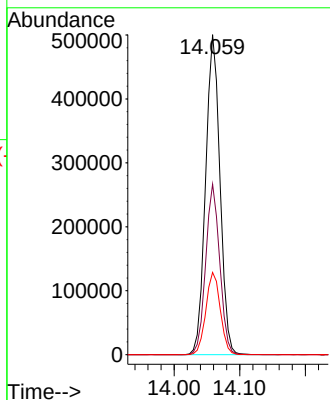
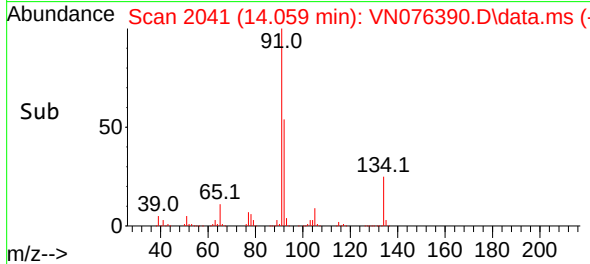
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 76304
Ion Ratio Lower Upper
91 100
92 52.1 26.3 78.9
134 25.9 13.2 39.5

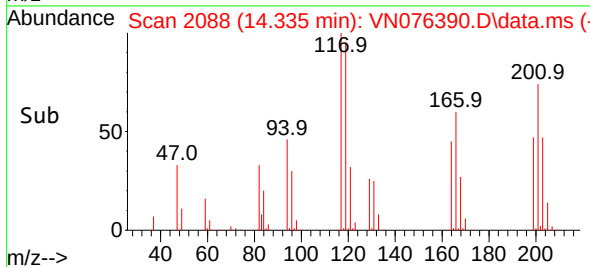
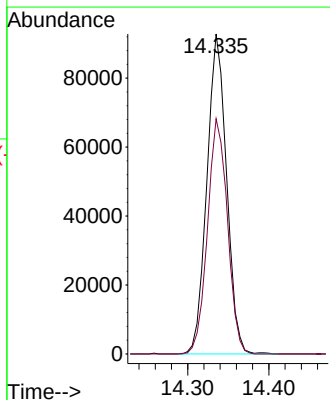
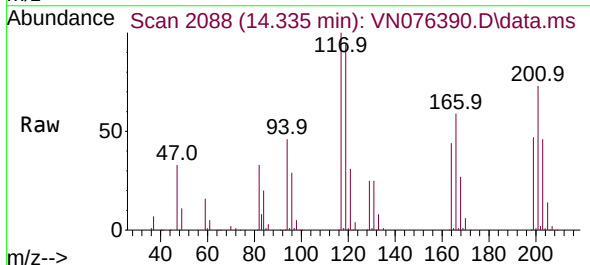
Manual Integrations
APPROVED

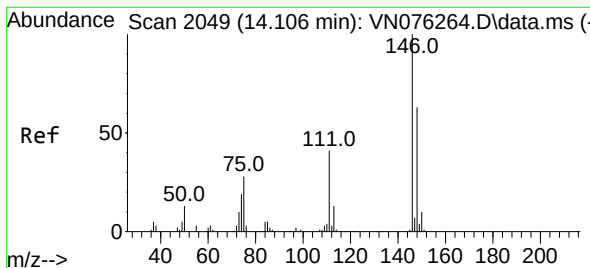
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#90
Hexachloroethane
Concen: 51.676 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

Tgt Ion:117 Resp: 156057
Ion Ratio Lower Upper
117 100
201 74.6 37.3 111.9





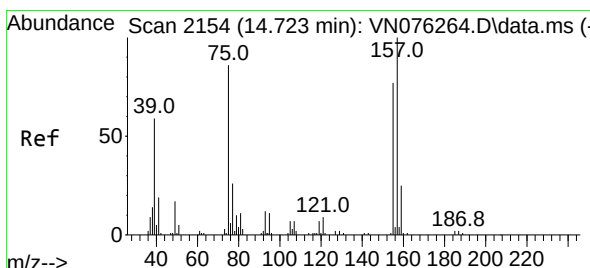
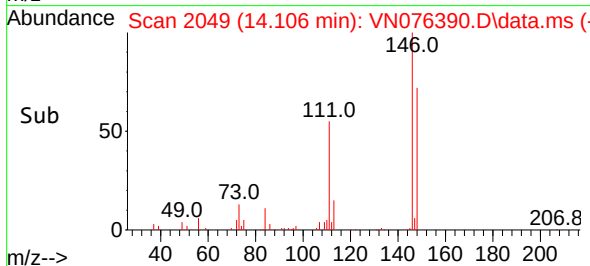
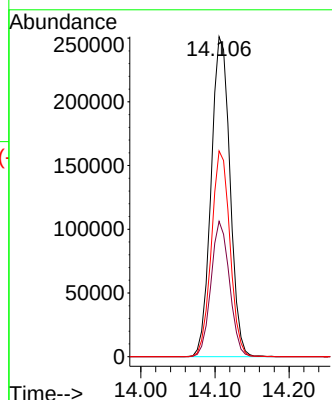
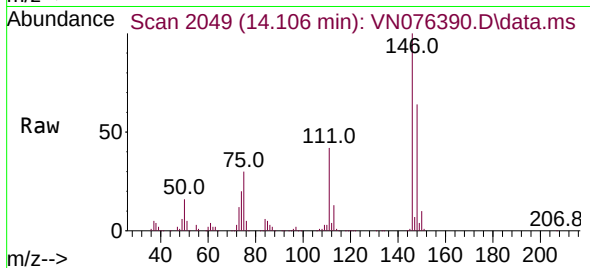
#91
1,2-Dichlorobenzene
Concen: 45.890 ug/l
RT: 14.106 min Scan# 2049
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 44336
Ion Ratio Lower Upper
146 100
111 41.4 20.3 60.8
148 63.4 31.8 95.4

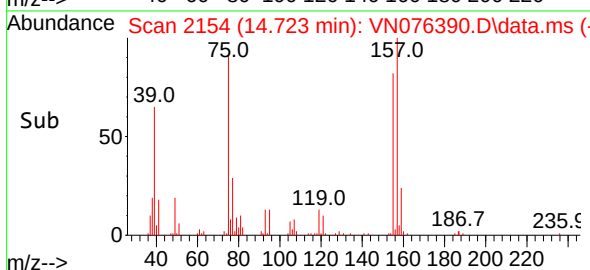
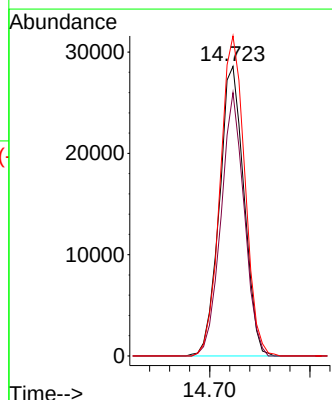
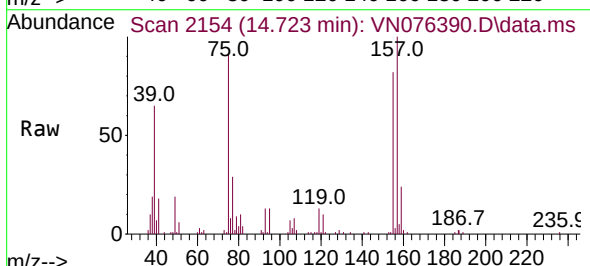
Manual Integrations
APPROVED

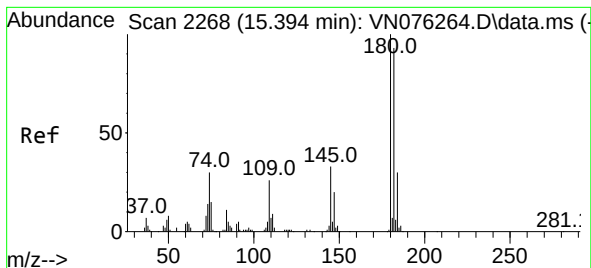
Reviewed By :John Carlone 01/26/2023
Supervised By :Semsettin Yesilyurt 01/26/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.181 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

Tgt Ion: 75 Resp: 48522
Ion Ratio Lower Upper
75 100
155 85.6 45.0 135.0
157 110.7 58.3 174.9





#93

1,2,4-Trichlorobenzene

Concen: 44.707 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076390.D

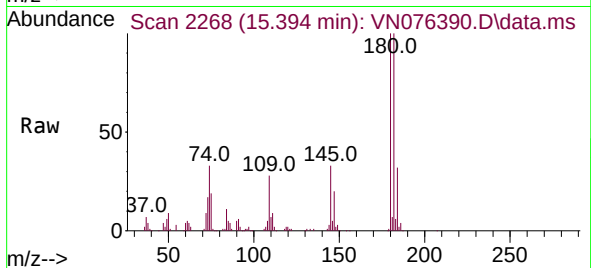
Acq: 25 Jan 2023 10:14

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 20804

Ion Ratio Lower Upper

180 100

182 95.6 47.0 141.2

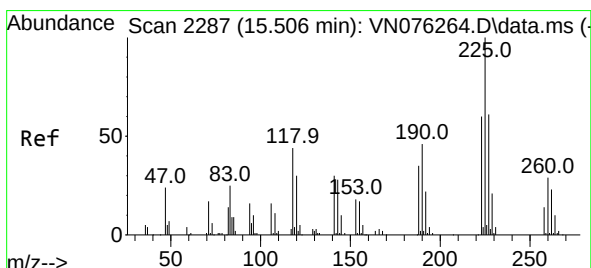
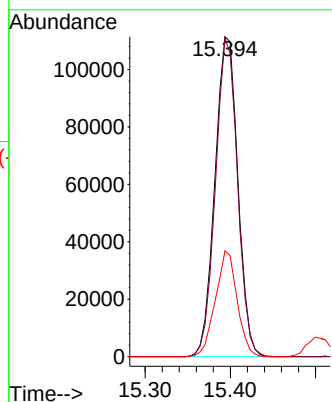
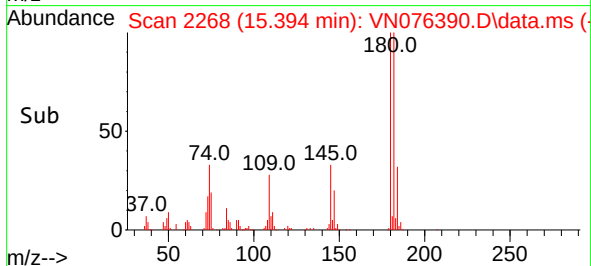
145 31.4 15.2 45.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/26/2023

Supervised By :Semsettin Yesilyurt 01/26/2023



#94

Hexachlorobutadiene

Concen: 45.236 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.001 min

Lab File: VN076390.D

Acq: 25 Jan 2023 10:14

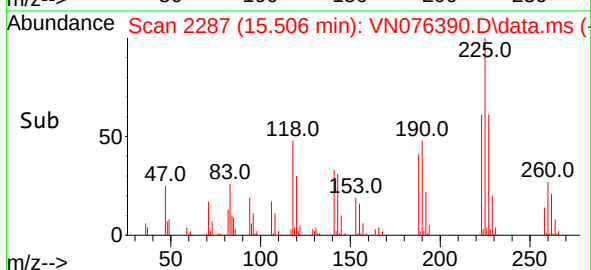
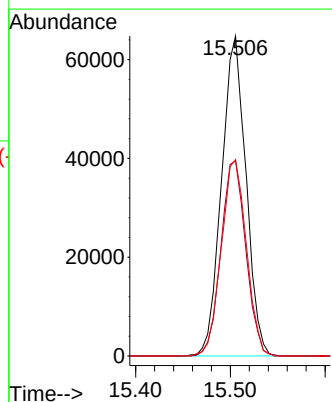
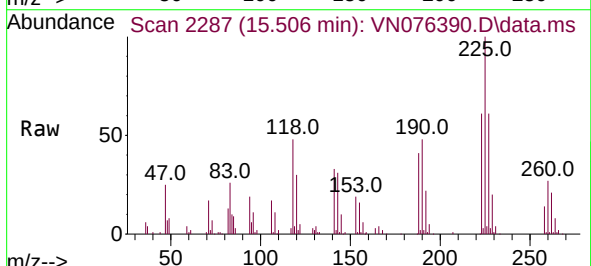
Tgt Ion:225 Resp: 115977

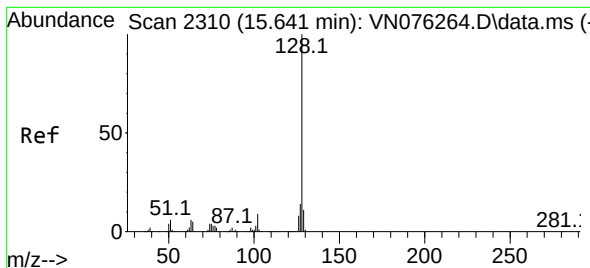
Ion Ratio Lower Upper

225 100

223 62.2 30.8 92.3

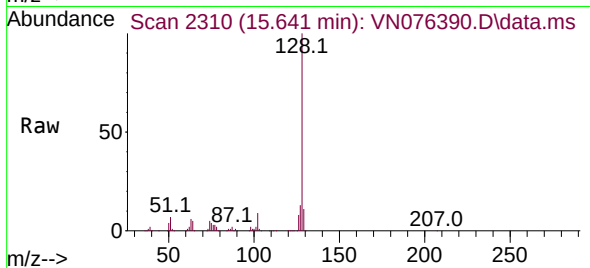
227 63.1 30.9 92.8





#95
Naphthalene
Concen: 42.312 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14

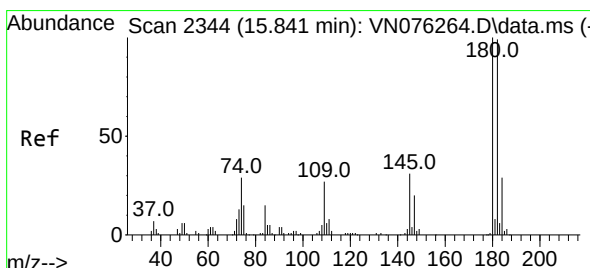
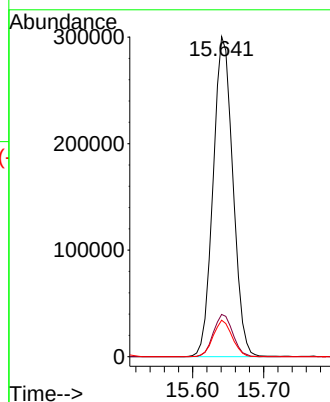
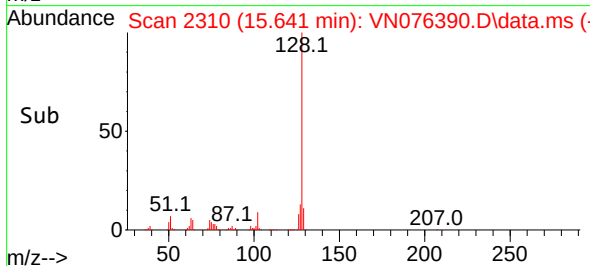
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



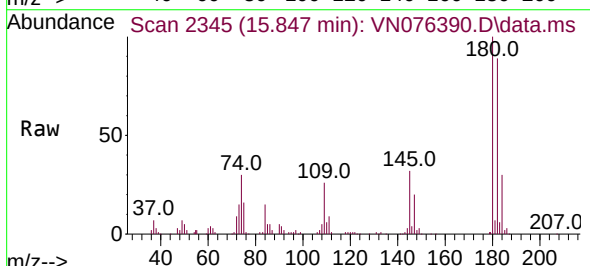
Tgt Ion:128 Resp: 580794
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.9 8.6 13.0

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#96
1,2,3-Trichlorobenzene
Concen: 45.017 ug/l
RT: 15.847 min Scan# 2345
Delta R.T. 0.006 min
Lab File: VN076390.D
Acq: 25 Jan 2023 10:14



Tgt Ion:180 Resp: 199795
Ion Ratio Lower Upper
180 100
182 94.5 47.5 142.5
145 34.0 15.9 47.6

