

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082823\
 Data File : VN079057.D
 Acq On : 28 Aug 2023 10:35
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/29/2023
 Supervised By : Semsettin Yesilyurt 08/29/2023

Quant Time: Aug 29 05:18:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	44582	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	261815	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	234957	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	108479	30.034	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.100%	
60) 4-Bromofluorobenzene	12.853	95	101794	29.700	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 99.000%	
63) Toluene-d8	10.571	98	323258	29.461	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 98.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	59332	21.090	ug/l	95
3) Chloromethane	2.365	50	70612	20.944	ug/l	93
4) Vinyl Chloride	2.518	62	69027	20.686	ug/l	90
5) Bromomethane	2.930	94	46634	22.641	ug/l	95
6) Chloroethane	3.106	64	43365	19.998	ug/l	91
7) Trichlorofluoromethane	3.495	101	100884	22.447	ug/l	97
8) Diethyl Ether	3.959	74	37377	22.112	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.371	101	55502	23.646	ug/l	90
10) 1,1-Dichloroethene	4.342	96	51430	21.779	ug/l #	90
11) Methyl Iodide	4.583	142	61819	21.694	ug/l	96
12) Methyl Acetate	5.030	43	120292	21.733	ug/l	95
13) Acrolein	4.177	56	31895	82.673	ug/l	100
14) Acrylonitrile	5.718	53	155638	106.966	ug/l #	92
15) Acetone	4.430	58	69308m	155.282	ug/l	
16) Carbon Disulfide	4.706	76	139747	20.596	ug/l	99
17) Allyl chloride	5.024	41	89292	20.630	ug/l	99
18) Methylene Chloride	5.277	84	64119	22.713	ug/l	93
19) trans-1,2-Dichloroethene	5.789	96	58623	22.057	ug/l	92
20) Diisopropyl ether	6.671	45	198946	21.131	ug/l #	90
21) 1,1-Dichloroethane	6.571	63	108705	20.807	ug/l	98
22) cis-1,2-Dichloroethene	7.488	96	66668	21.917	ug/l	98
23) tert-Butyl Alcohol	5.530	59	58613	107.994	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	186492	22.248	ug/l	100
25) Chloroform	7.965	83	112347	21.346	ug/l	94
26) Cyclohexane	8.259	56	88372	23.124	ug/l #	98
29) 1,1-Dichloropropene	8.377	75	84337	21.175	ug/l	100
30) 2-Butanone	7.488	43	254272	109.057	ug/l	99
31) 2,2-Dichloropropane	7.494	77	92584	21.034	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	98259	20.664	ug/l	99
33) Carbon Tetrachloride	8.365	117	86016	20.884	ug/l	91
34) Benzene	8.612	78	243785	20.426	ug/l	98
35) Methacrylonitrile	7.783	41	49163	19.784	ug/l	91
36) 1,2-Dichloroethane	8.671	62	88161	19.725	ug/l	97
37) Trichloroethene	9.353	130	63075	21.231	ug/l	83
38) Methylcyclohexane	9.600	83	83941	23.939	ug/l	98
39) 1,2-Dichloropropane	9.624	63	64747	20.140	ug/l	93
40) Dibromomethane	9.712	93	42632	19.783	ug/l	97
41) Bromodichloromethane	9.894	83	86466	19.952	ug/l	96
42) Vinyl Acetate	6.606	43	634145	96.467	ug/l	98

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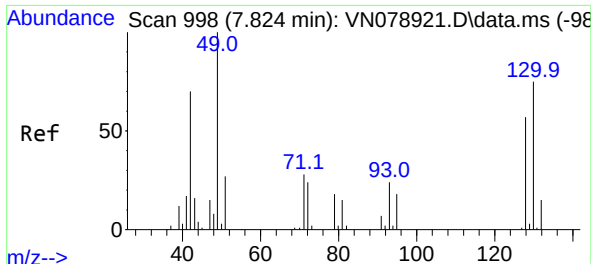
Quant Time: Aug 29 05:18:39 2023
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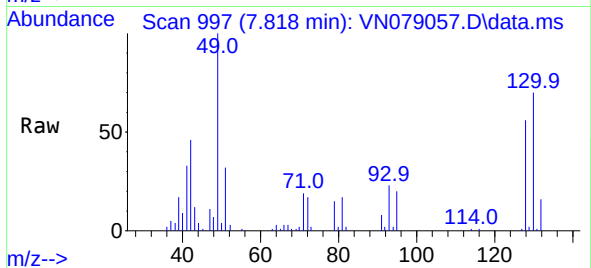
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	89369	19.758	ug/l	100
44) Isopropyl Acetate	8.688	43	144534	18.134	ug/l	97
45) 1,4-Dioxane	9.700	88	22168	369.610	ug/l	97
46) Methyl methacrylate	9.688	41	69403	19.764	ug/l	93
47) n-amyl Acetate	12.500	43	113507	18.559	ug/l	97
48) t-1,3-Dichloropropene	10.841	75	94875	20.555	ug/l	100
49) cis-1,3-Dichloropropene	10.318	75	98167	19.834	ug/l	97
50) 1,1,2-Trichloroethane	11.018	97	60314	20.711	ug/l	96
51) Ethyl methacrylate	10.876	69	88518	19.638	ug/l	97
52) 1,3-Dichloropropane	11.165	76	106924	20.499	ug/l	97
53) Dibromochloromethane	11.359	129	63377	19.884	ug/l	99
54) 1,2-Dibromoethane	11.476	107	61387	20.532	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	130102	62.448	ug/l	99
56) Bromoform	12.582	173	44895	19.964	ug/l #	94
58) 4-Methyl-2-Pentanone	10.447	43	453987	97.388	ug/l	100
59) 2-Hexanone	11.200	43	350879	102.732	ug/l	99
61) Tetrachloroethene	11.106	164	51881	22.805	ug/l	95
62) Toluene	10.635	91	265096	20.666	ug/l	97
64) Chlorobenzene	11.894	112	160818	20.851	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.965	131	59280	20.102	ug/l	97
66) Ethyl Benzene	11.971	91	281803	21.002	ug/l	98
67) m/p-Xylenes	12.076	106	217148	43.405	ug/l	99
68) o-Xylene	12.400	106	107076	21.707	ug/l	95
69) Styrene	12.412	104	167545	20.903	ug/l	98
70) Isopropylbenzene	12.700	105	268886	22.497	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	85168	19.009	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	69519m	18.913	ug/l	
73) Bromobenzene	12.982	156	62478	20.533	ug/l	96
74) n-propylbenzene	13.041	91	306194	22.605	ug/l	100
75) 2-Chlorotoluene	13.129	91	186703	21.727	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	219322	23.148	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	25763	18.861	ug/l	94
78) 4-Chlorotoluene	13.223	91	178062	21.629	ug/l	98
79) tert-butylbenzene	13.441	119	184571	23.053	ug/l	98
80) 1,2,4-Trimethylbenzene	13.488	105	217197	23.314	ug/l	99
81) sec-Butylbenzene	13.623	105	257541	24.374	ug/l	100
82) p-Isopropyltoluene	13.735	119	215293	24.956	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	108691	22.134	ug/l	95
84) 1,4-Dichlorobenzene	13.817	146	102103	21.178	ug/l	98
85) n-Butylbenzene	14.065	91	171387	25.259	ug/l	99
86) Hexachloroethane	14.341	117	40891	23.166	ug/l	94
87) 1,2-Dichlorobenzene	14.112	146	104560	20.789	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	14891	18.517	ug/l	98
89) 1,2,4-Trichlorobenzene	15.841	180	43034	21.665	ug/l	98
90) Hexachlorobutadiene	15.506	225	25868	25.014	ug/l	95
91) Naphthalene	15.647	128	111139	19.399	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	43034	21.665	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

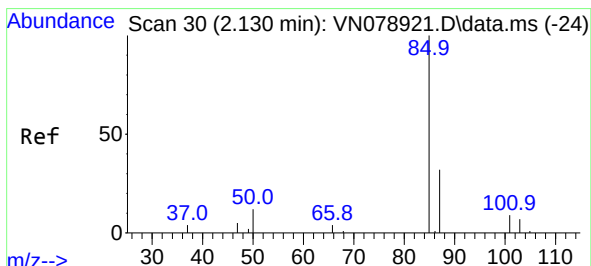
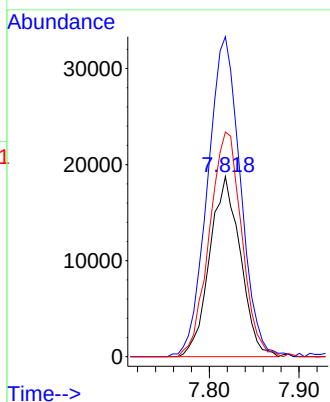
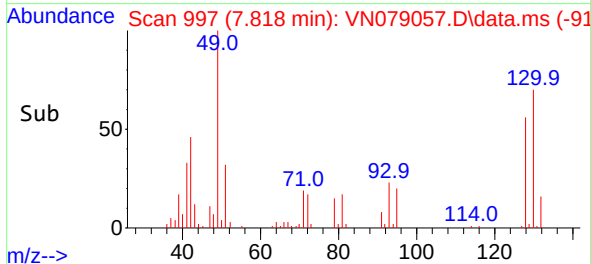
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



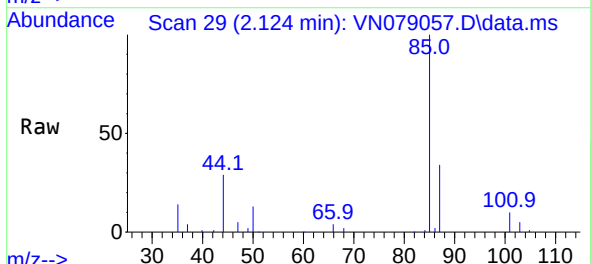
Tgt Ion:128 Resp: 4458
Ion Ratio Lower Upper
128 100
49 190.0 0.0 481.8
130 131.3 0.0 320.5

Manual Integrations
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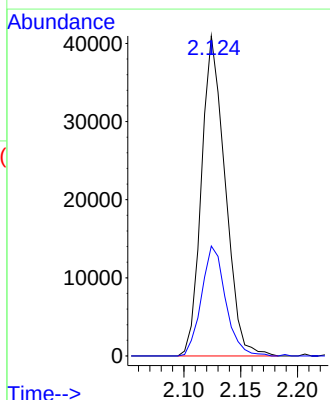
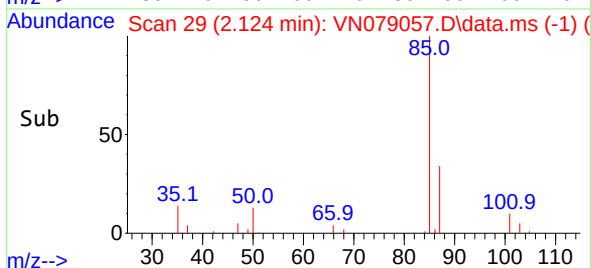
Reviewed By :John Carlone 08/29/2023
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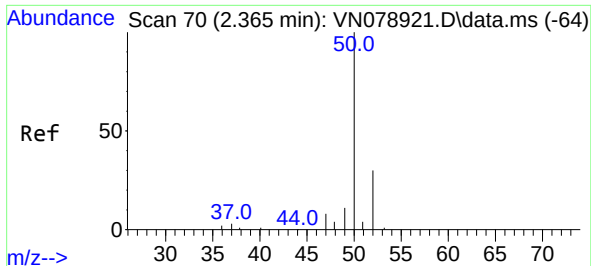


#2
Dichlorodifluoromethane
Concen: 21.090 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35



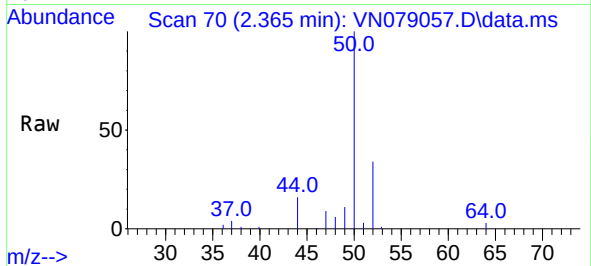
Tgt Ion: 85 Resp: 59332
Ion Ratio Lower Upper
85 100
87 34.4 15.9 47.7





#3
Chloromethane
Concen: 20.944 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

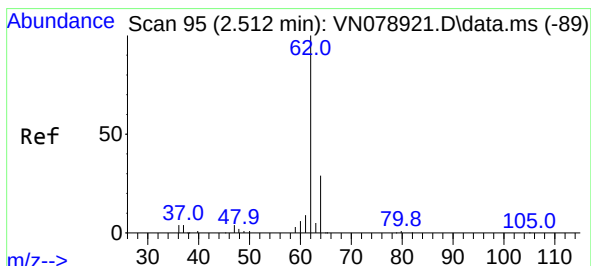
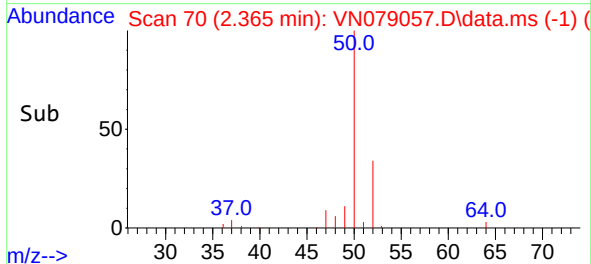
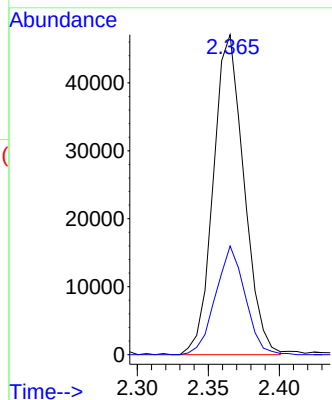
Instrument :
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VSTDCCC020



Tgt Ion: 50 Resp: 70612
Ion Ratio Lower Upper
50 100
52 34.0 24.2 36.4

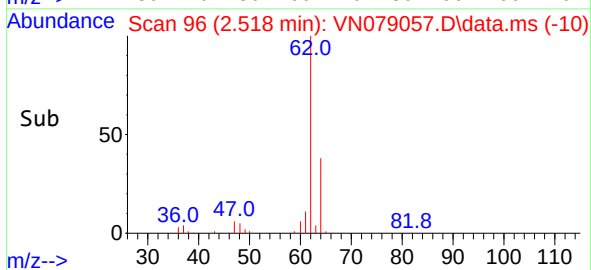
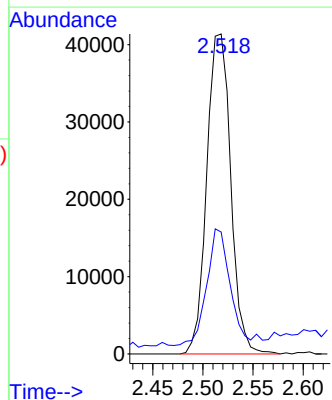
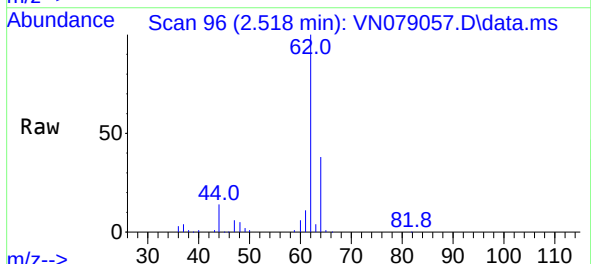
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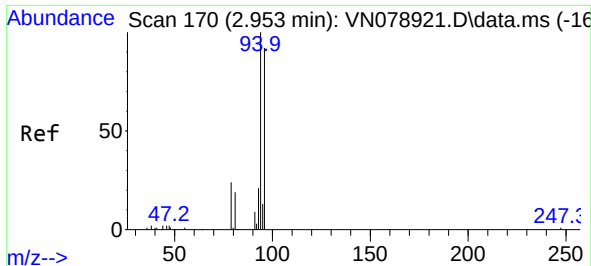
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#4
Vinyl Chloride
Concen: 20.686 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

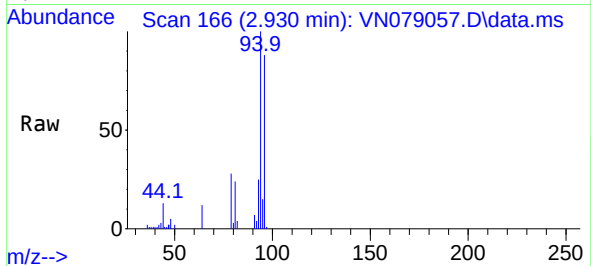
Tgt Ion: 62 Resp: 69027
Ion Ratio Lower Upper
62 100
64 35.2 23.8 35.8





#5
Bromomethane
Concen: 22.641 ug/l
RT: 2.930 min Scan# 11
Delta R.T. -0.023 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

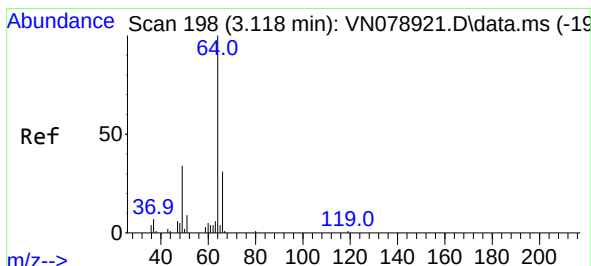
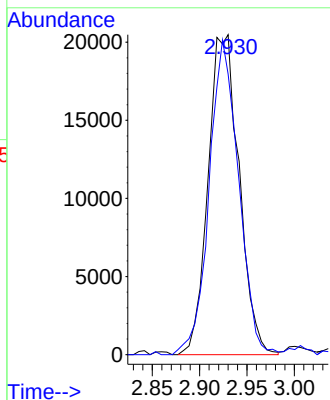
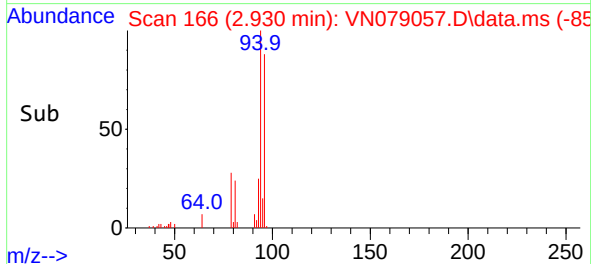
Instrument :
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VSTDCCC020



Tgt Ion: 94 Resp: 46634
Ion Ratio Lower Upper
94 100
96 86.8 73.6 110.4

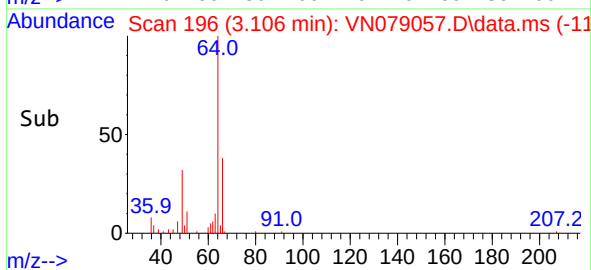
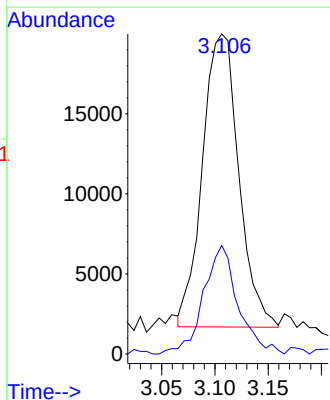
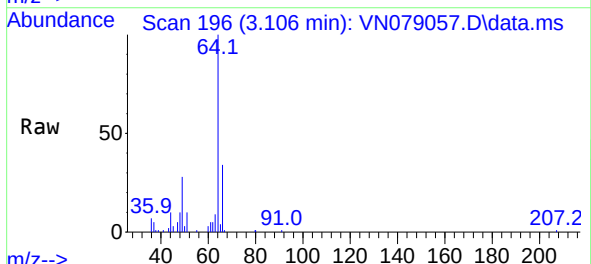
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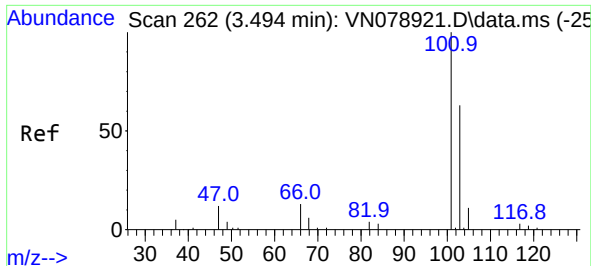
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#6
Chloroethane
Concen: 19.998 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Tgt Ion: 64 Resp: 43365
Ion Ratio Lower Upper
64 100
66 35.9 24.9 37.3





#7
 Trichlorofluoromethane
 Concen: 22.447 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN079057.D
 Acq: 28 Aug 2023 10:35

Instrument :

MSVOA_N

ClientSampleId :

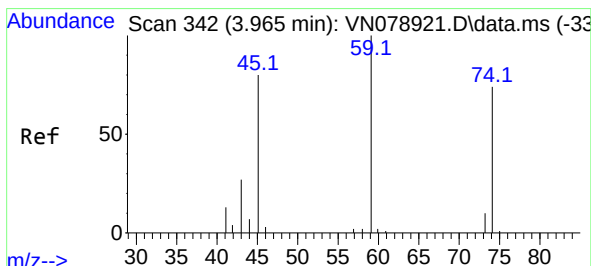
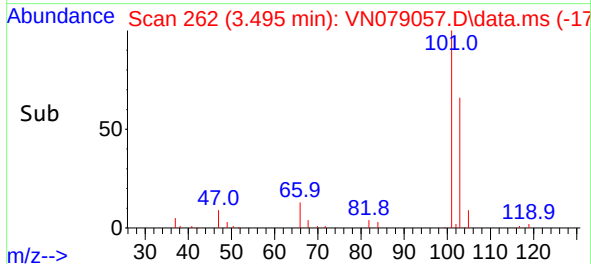
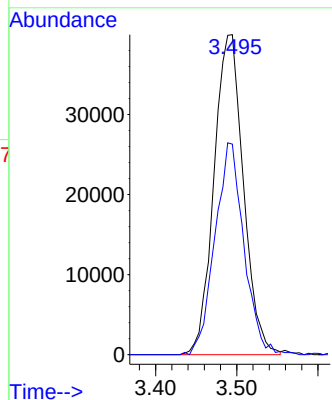
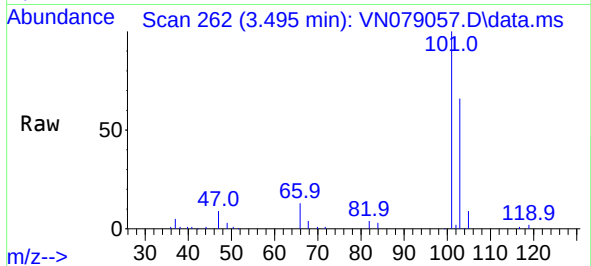
VSTDCCC020

Tgt Ion:101 Resp: 100884
 Ion Ratio Lower Upper
 101 100
 103 65.8 50.9 76.3

Manual Integrations

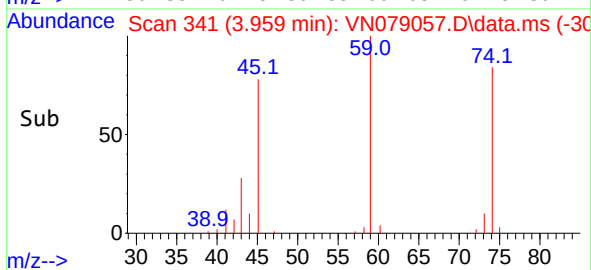
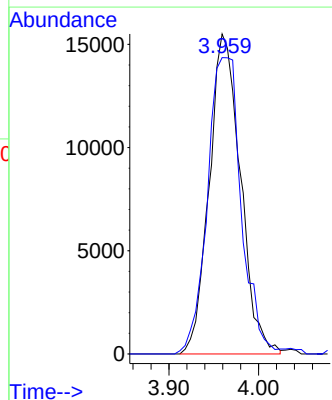
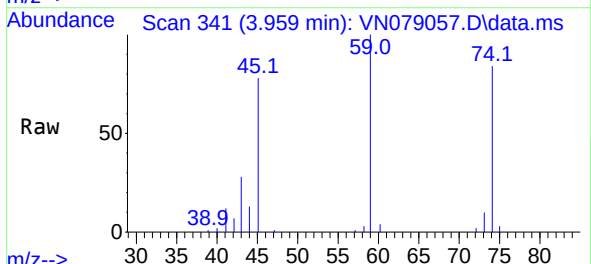
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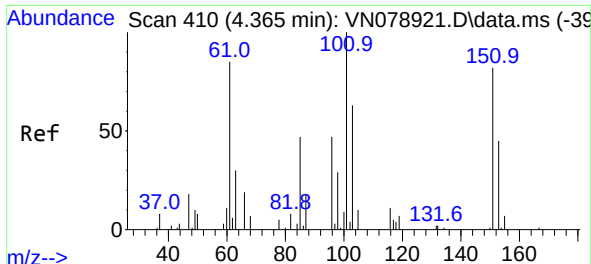
Reviewed By :John Carlone 08/29/2023
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#8
 Diethyl Ether
 Concen: 22.112 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN079057.D
 Acq: 28 Aug 2023 10:35

Tgt Ion: 74 Resp: 37377
 Ion Ratio Lower Upper
 74 100
 45 100.3 21.3 191.9





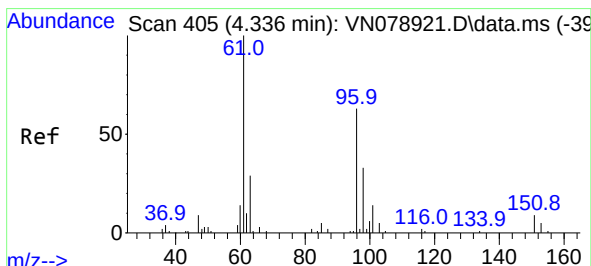
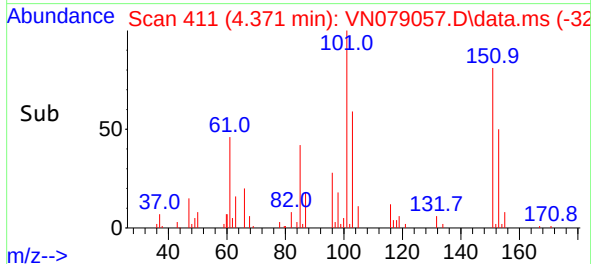
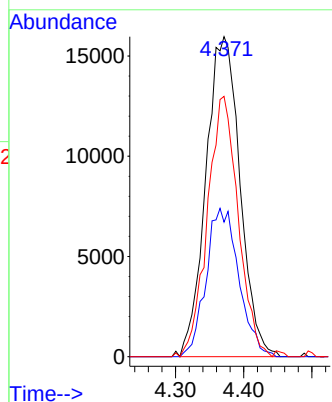
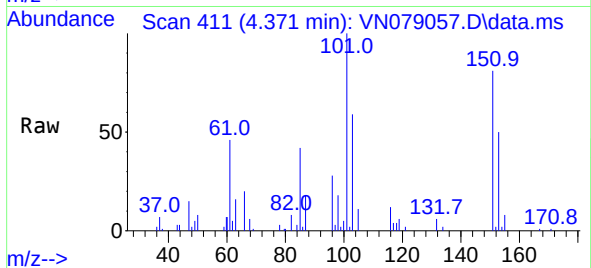
#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.646 ug/l
RT: 4.371 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:101 Resp: 5550
Ion Ratio Lower Upper
101 100
85 44.5 0.0 65.4
151 73.3 0.0 156.8

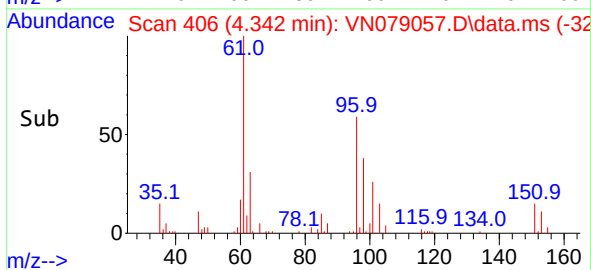
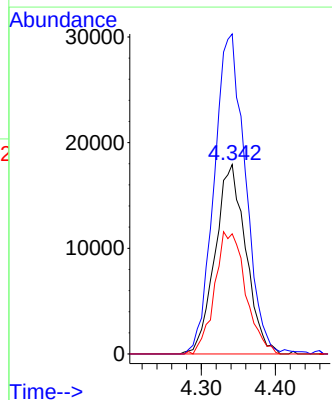
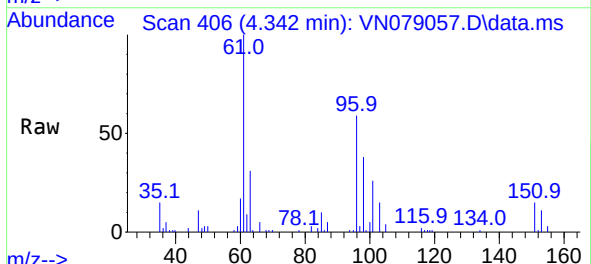
Manual Integrations
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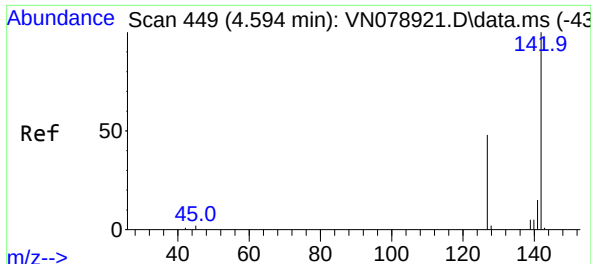
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#10
1,1-Dichloroethene
Concen: 21.779 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

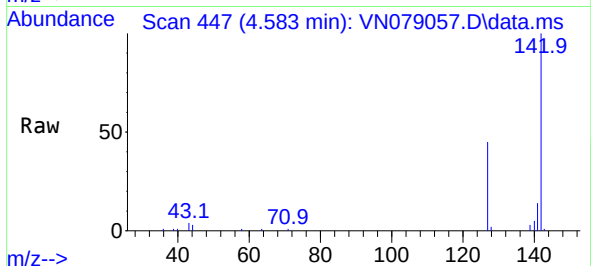
Tgt Ion: 96 Resp: 51430
Ion Ratio Lower Upper
96 100
61 168.9 126.2 189.4
98 63.4 41.7 62.5#





#11
Methyl Iodide
Concen: 21.694 ug/l
RT: 4.583 min Scan# 449
Delta R.T. -0.012 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

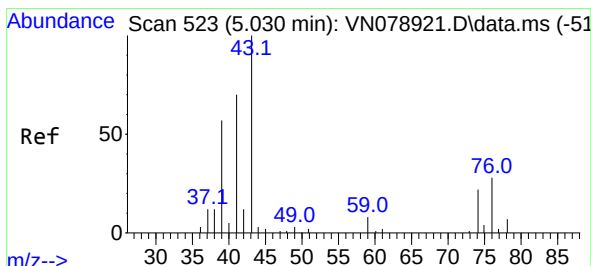
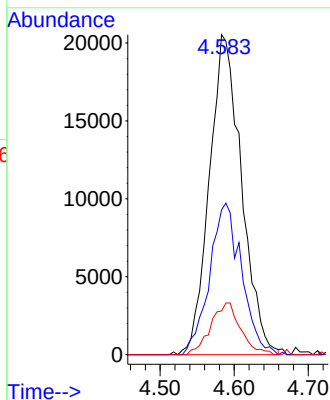
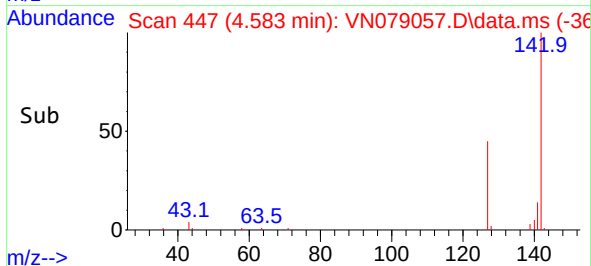
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



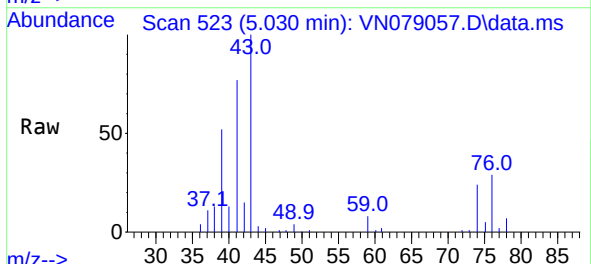
Tgt Ion:142 Resp: 61819
Ion Ratio Lower Upper
142 100
127 45.6 24.3 72.9
141 13.8 7.3 22.0

Manual Integrations
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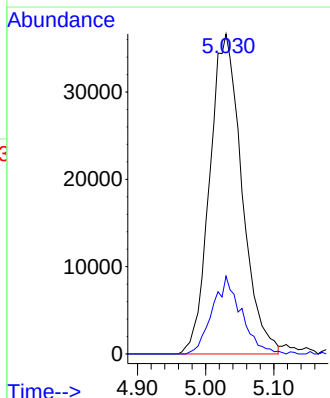
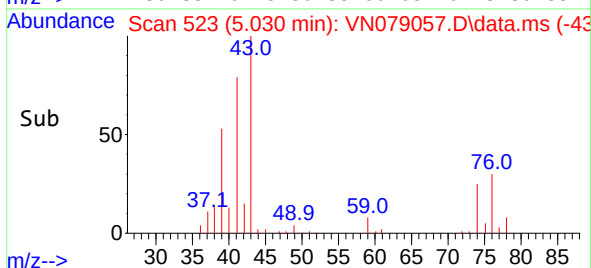
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

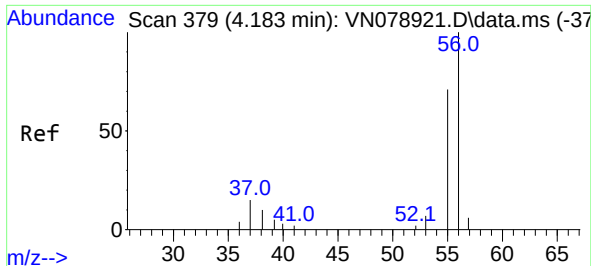


#12
Methyl Acetate
Concen: 21.733 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35



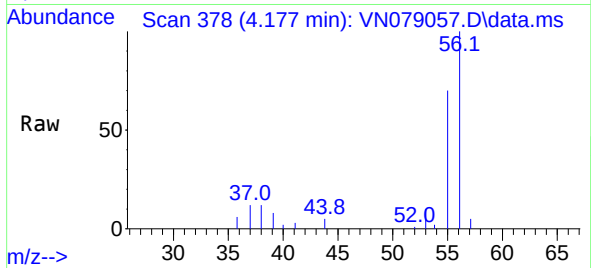
Tgt Ion: 43 Resp: 120292
Ion Ratio Lower Upper
43 100
74 24.2 17.5 26.3





#13
Acrolein
Concen: 82.673 ug/l
RT: 4.177 min Scan# 3189
Delta R.T. -0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

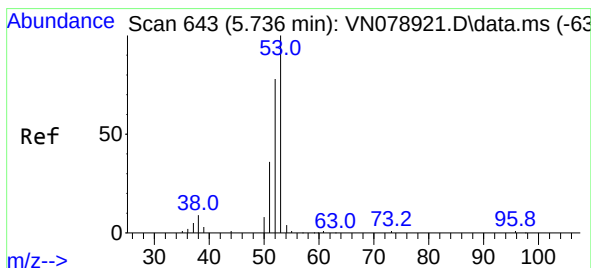
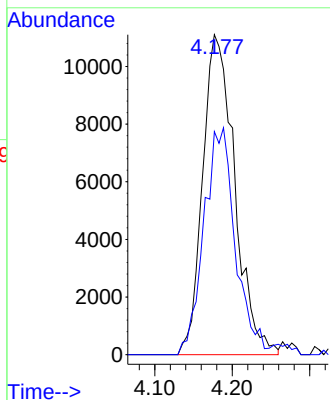
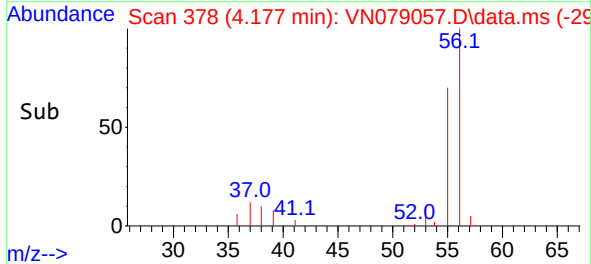
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 56 Resp: 3189
Ion Ratio Lower Upper
56 100
55 67.9 54.5 81.7

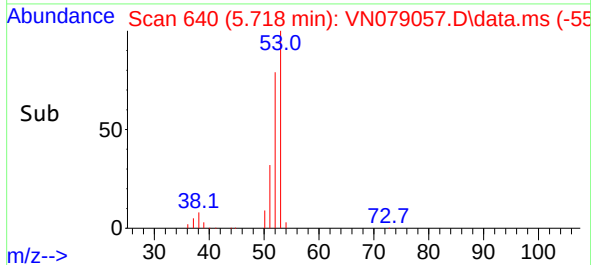
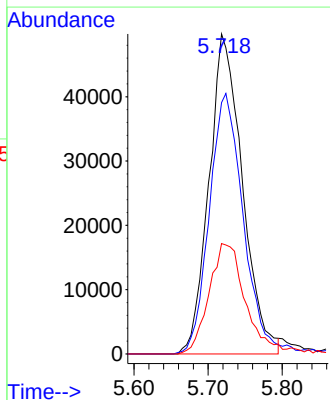
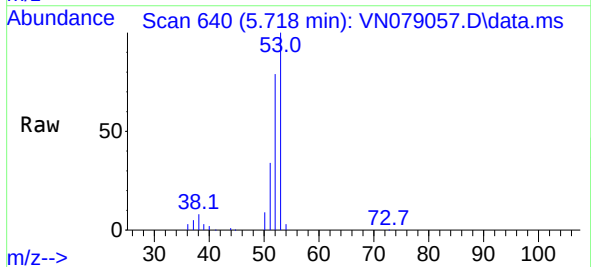
Manual Integrations
APPROVED

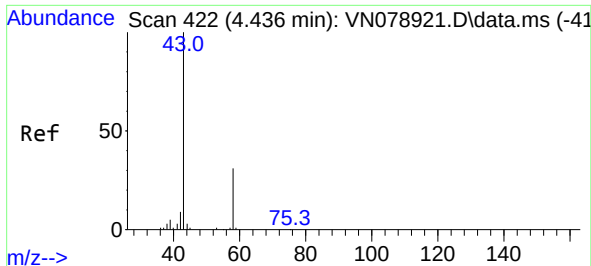
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#14
Acrylonitrile
Concen: 106.966 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.018 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Tgt Ion: 53 Resp: 155638
Ion Ratio Lower Upper
53 100
52 82.3 41.9 125.6
51 37.2 10.1 30.1#





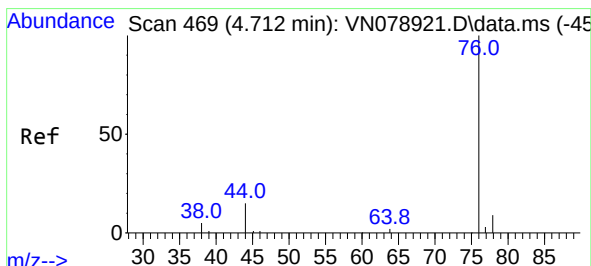
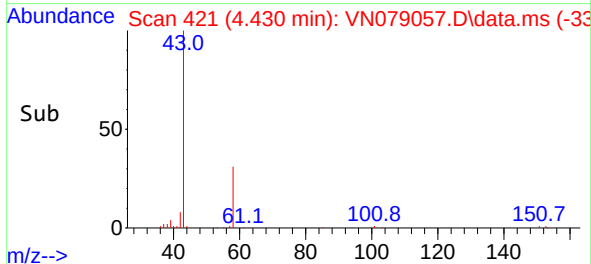
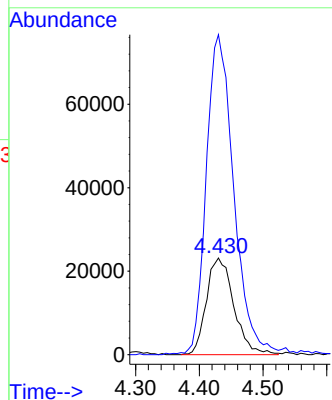
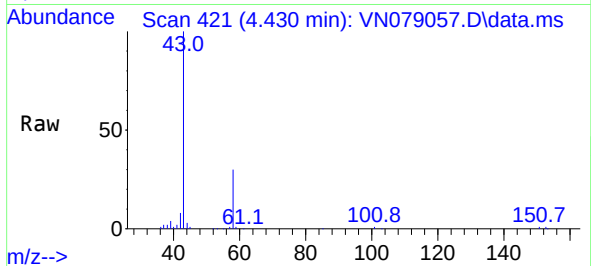
#15
Acetone
Concen: 155.282 ug/l m
RT: 4.430 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 58 Resp: 69308
Ion Ratio Lower Upper
58 100
43 331.4 260.6 390.8

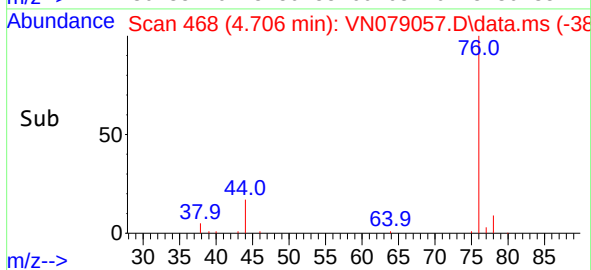
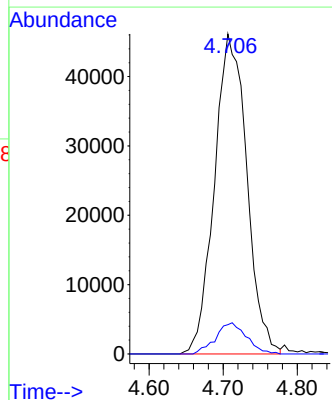
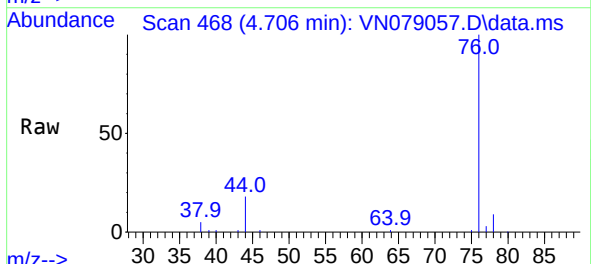
Manual Integrations
APPROVED

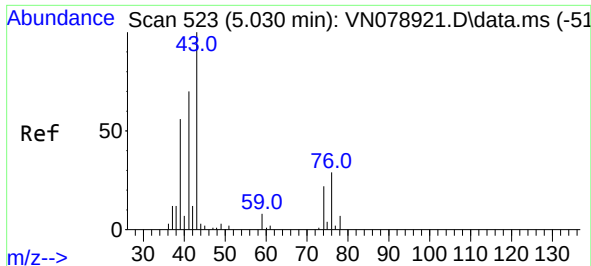
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#16
Carbon Disulfide
Concen: 20.596 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

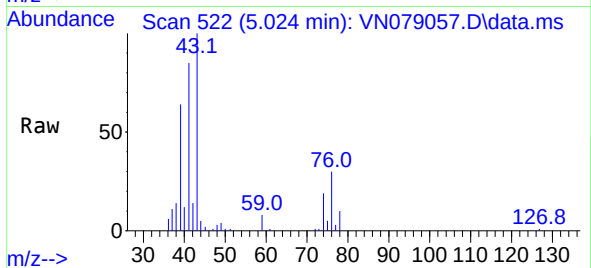
Tgt Ion: 76 Resp: 139747
Ion Ratio Lower Upper
76 100
78 9.2 7.0 10.6





#17
 Allyl chloride
 Concen: 20.630 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN079057.D
 Acq: 28 Aug 2023 10:35

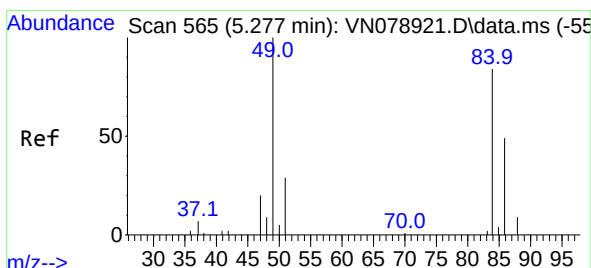
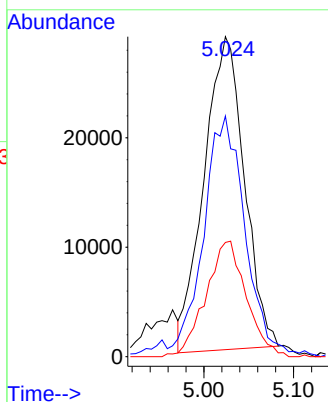
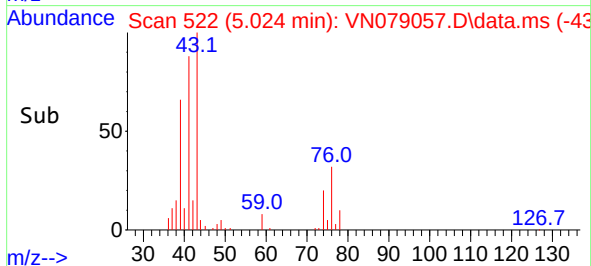
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



Tgt Ion: 41 Resp: 89292
 Ion Ratio Lower Upper
 41 100
 39 73.7 36.9 110.7
 76 35.7 17.3 51.9

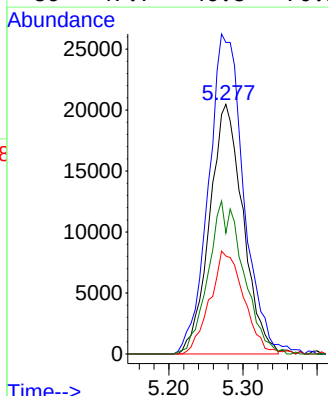
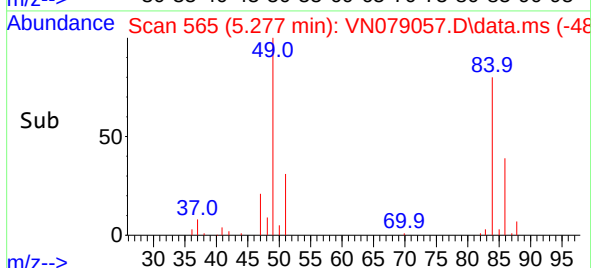
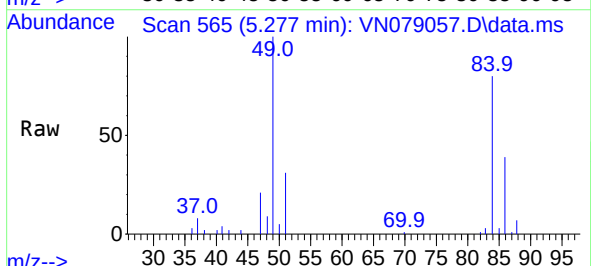
Manual Integrations
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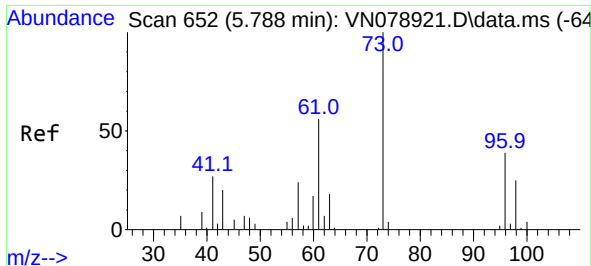
Reviewed By :John Carlone 08/29/2023
 Supervised By :Semsettin Yesilyurt 08/29/2023



#18
 Methylene Chloride
 Concen: 22.713 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN079057.D
 Acq: 28 Aug 2023 10:35

Tgt Ion: 84 Resp: 64119
 Ion Ratio Lower Upper
 84 100
 49 123.8 95.8 143.6
 51 39.2 28.6 43.0
 86 47.7 46.8 70.2





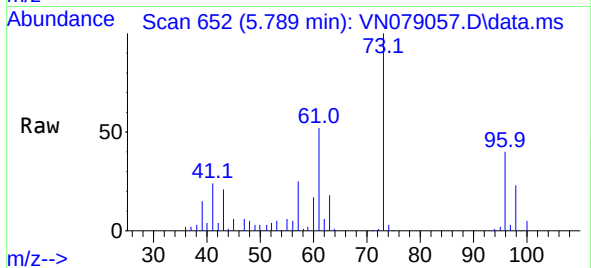
#19
trans-1,2-Dichloroethene
Concen: 22.057 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

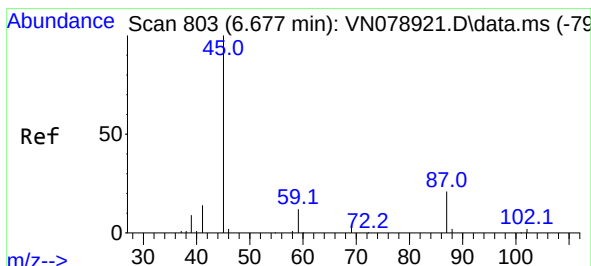
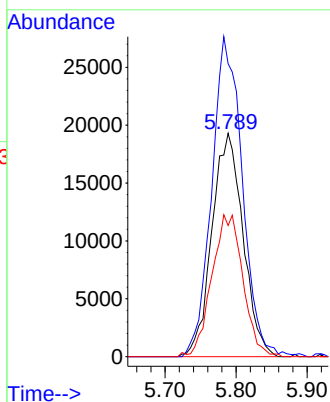
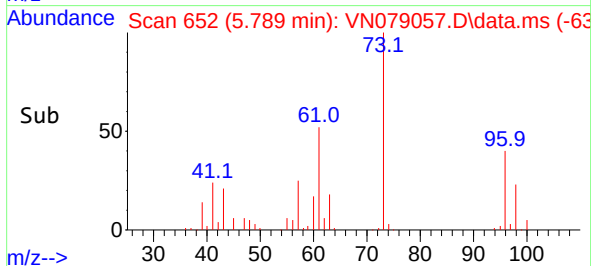


Tgt Ion: 96 Resp: 5862
Ion Ratio Lower Upper
96 100
61 131.2 114.0 171.0
98 58.8 50.6 76.0

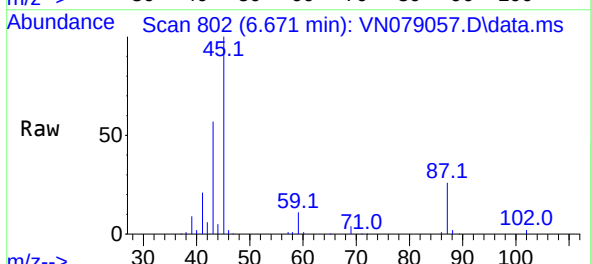
Manual Integrations

APPROVED

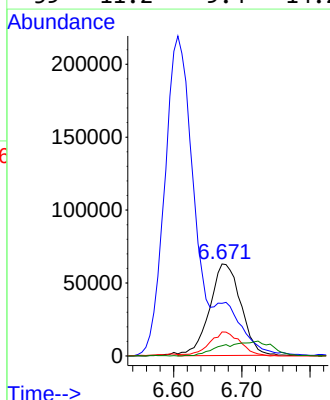
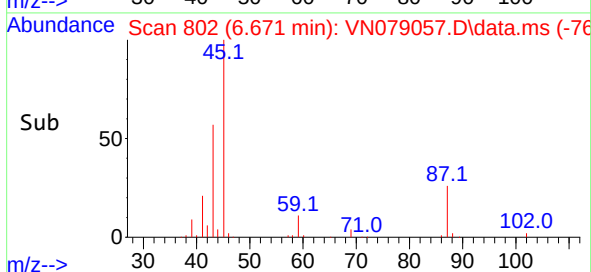
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

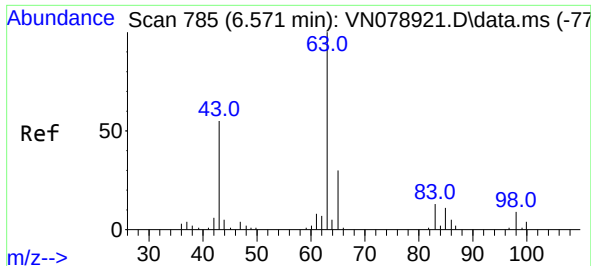


#20
Diisopropyl ether
Concen: 21.131 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35



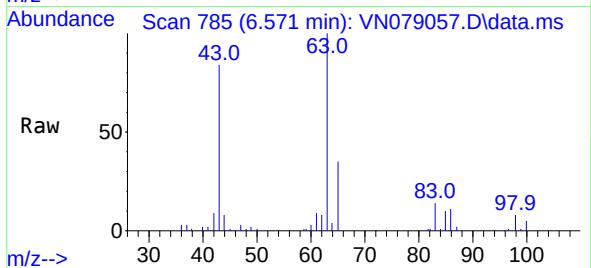
Tgt Ion: 45 Resp: 198946
Ion Ratio Lower Upper
45 100
43 54.6 37.4 56.2
87 26.3 17.3 25.9#
59 11.2 9.4 14.2





#21
1,1-Dichloroethane
Concen: 20.807 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

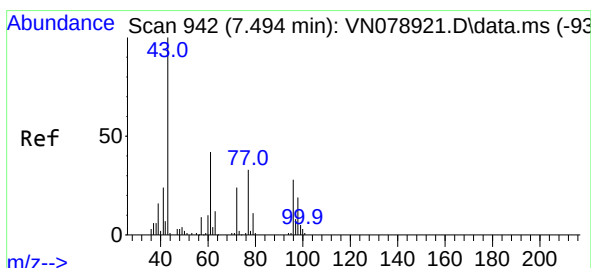
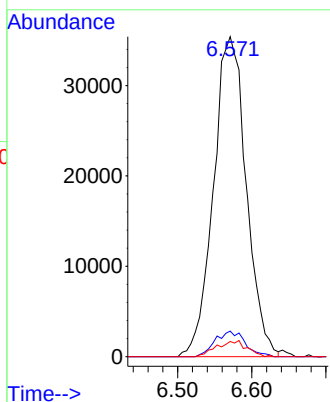
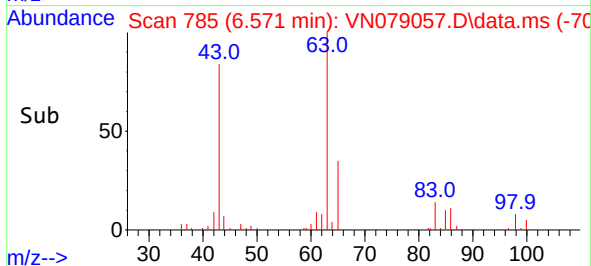
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 63 Resp: 10870
Ion Ratio Lower Upper
63 100
98 8.0 4.4 13.2
100 4.8 2.1 6.5

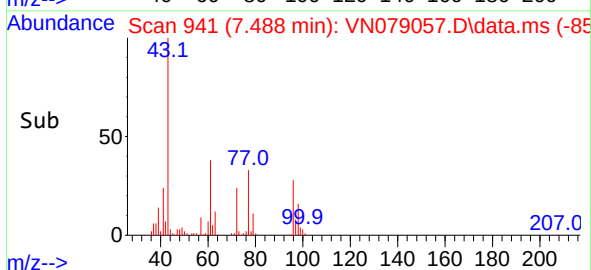
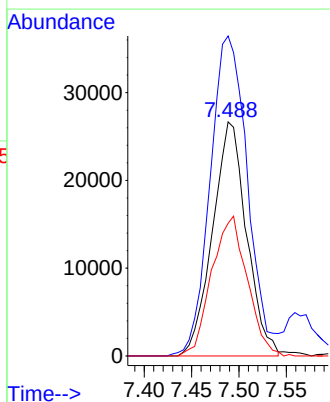
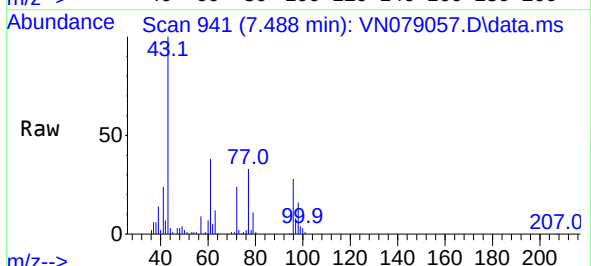
Manual Integrations
APPROVED

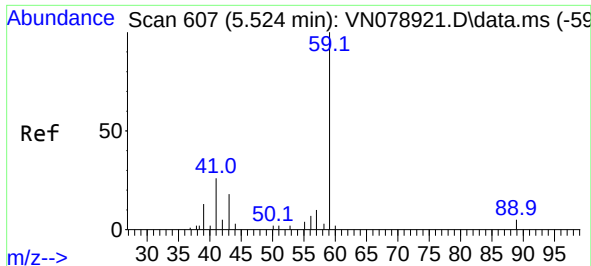
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#22
cis-1,2-Dichloroethene
Concen: 21.917 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Tgt Ion: 96 Resp: 66668
Ion Ratio Lower Upper
96 100
61 148.8 121.8 182.6
98 62.3 50.7 76.1





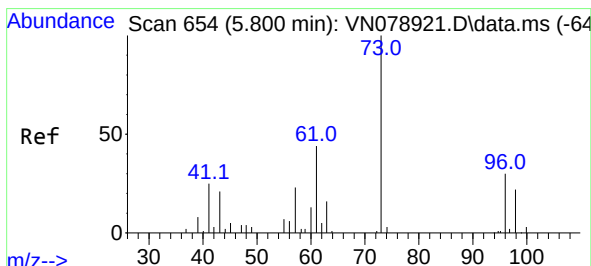
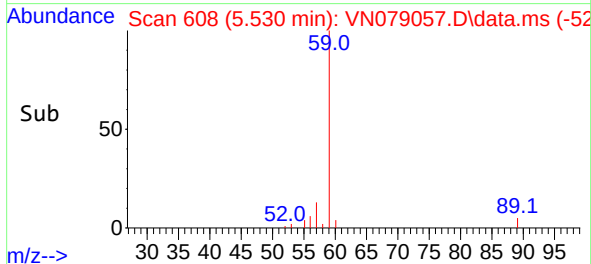
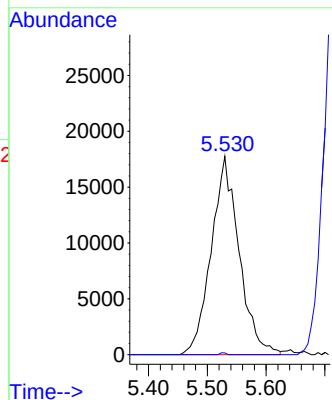
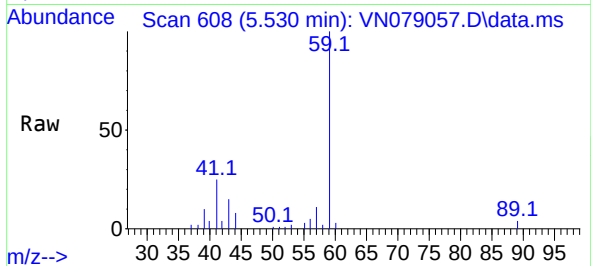
#23
tert-Butyl Alcohol
Concen: 107.994 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 59 Resp: 5861
Ion Ratio Lower Upper
59 100
52 0.2 0.0 0.0

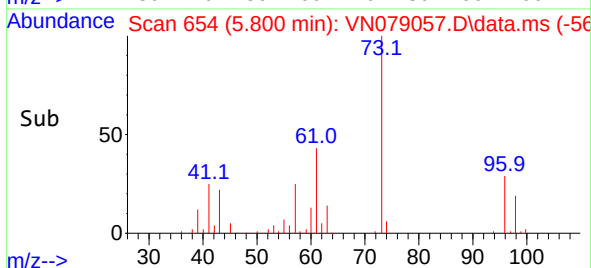
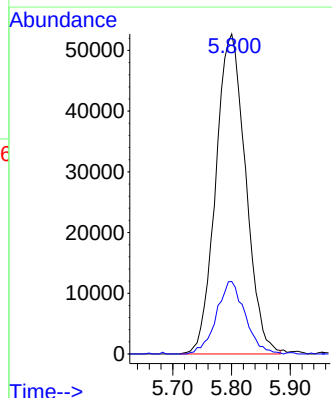
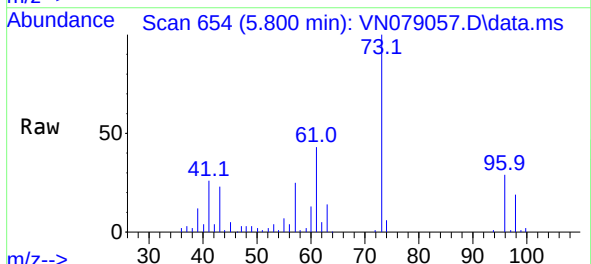
Manual Integrations
APPROVED

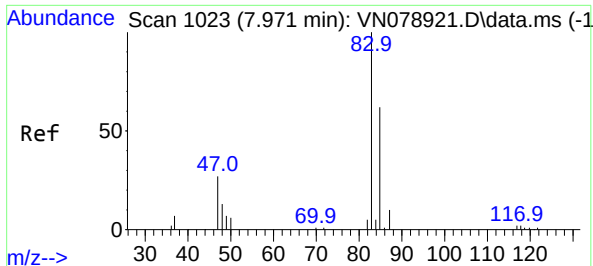
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#24
Methyl tert-Butyl Ether
Concen: 22.248 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Tgt Ion: 73 Resp: 186492
Ion Ratio Lower Upper
73 100
43 21.8 17.3 25.9





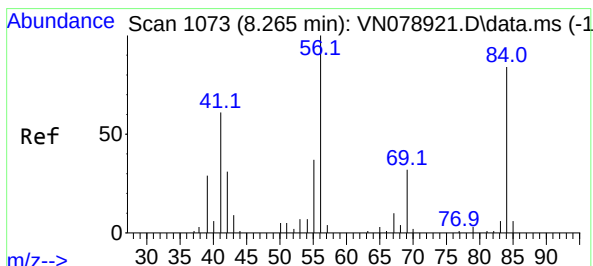
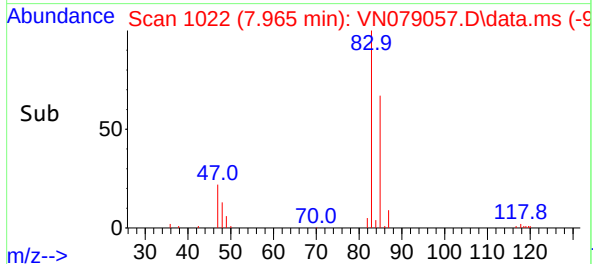
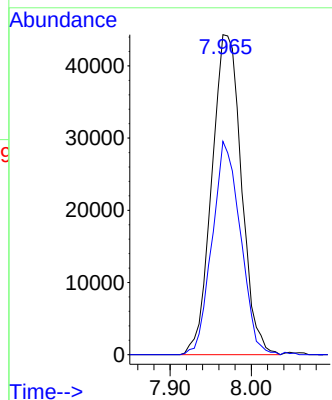
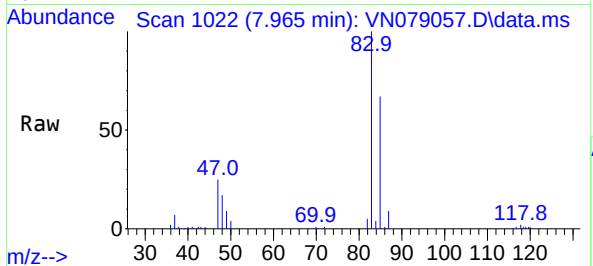
#25
Chloroform
Concen: 21.346 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 11234
Ion Ratio Lower Upper
83 100
85 66.6 49.6 74.4

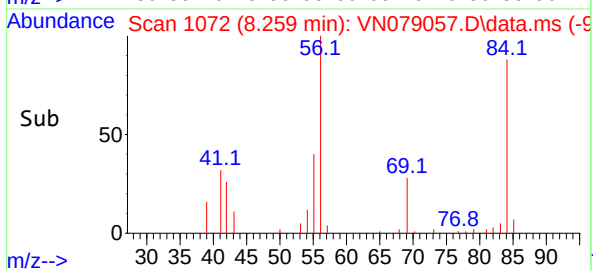
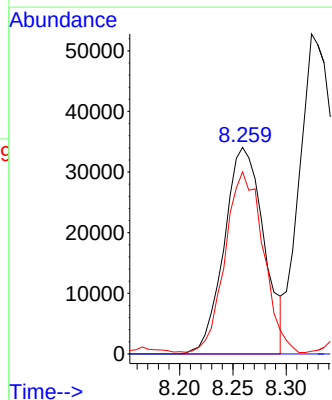
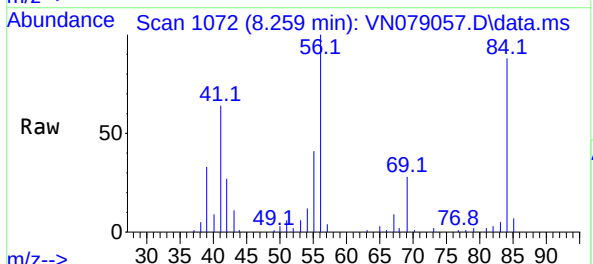
Manual Integrations
APPROVED

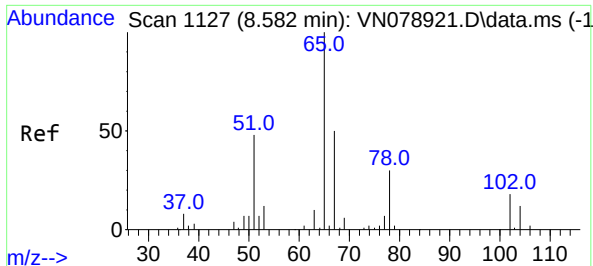
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#26
Cyclohexane
Concen: 23.124 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Tgt Ion: 56 Resp: 88372
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 85.3 70.1 105.1





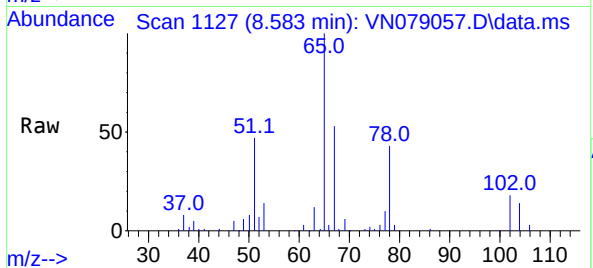
#27
1,2-Dichloroethane-d4
Concen: 30.034 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

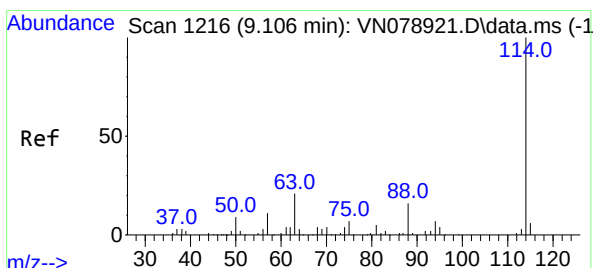
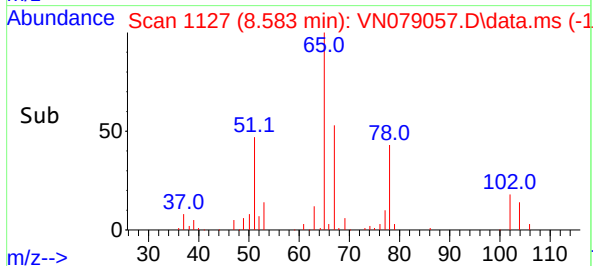
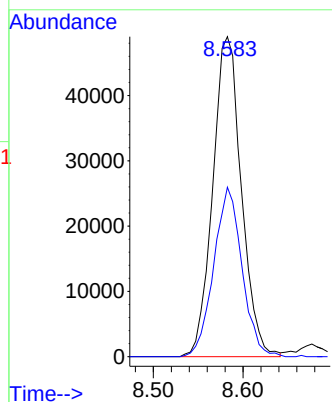


Tgt Ion: 65 Resp: 108479
Ion Ratio Lower Upper
65 100
67 52.3 40.7 61.1

Manual Integrations

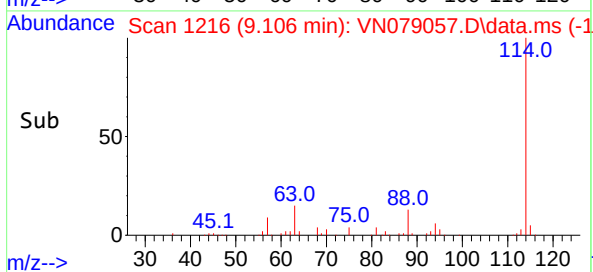
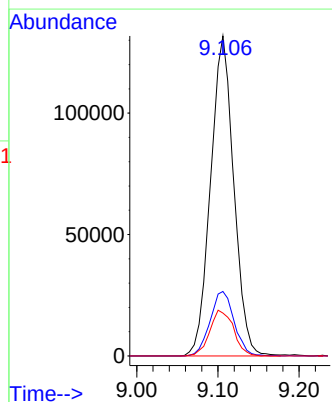
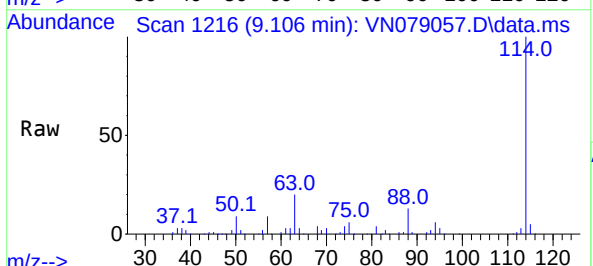
APPROVED

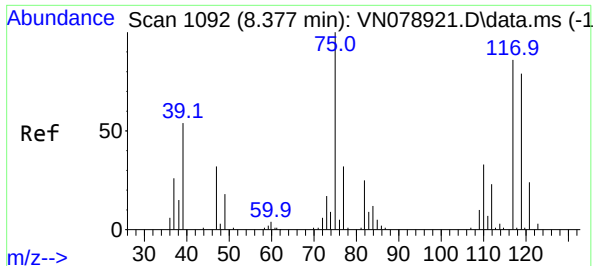
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Tgt Ion:114 Resp: 261815
Ion Ratio Lower Upper
114 100
63 20.9 17.4 26.2
88 14.7 12.0 18.0





#29
1,1-Dichloropropene
Concen: 21.175 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

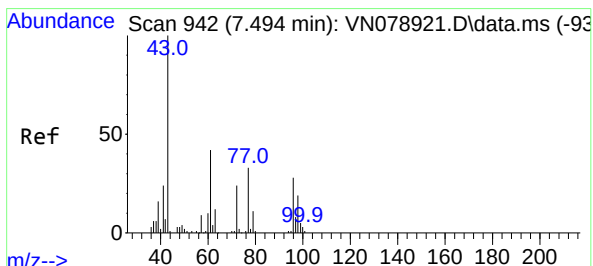
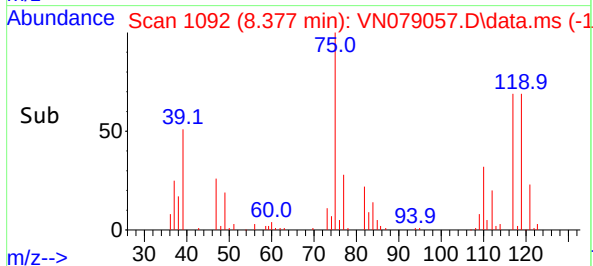
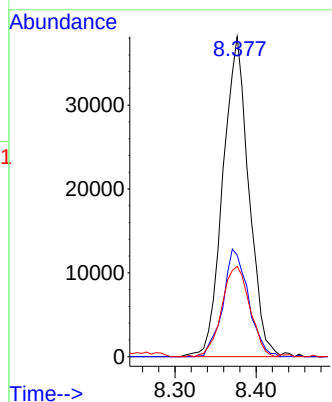
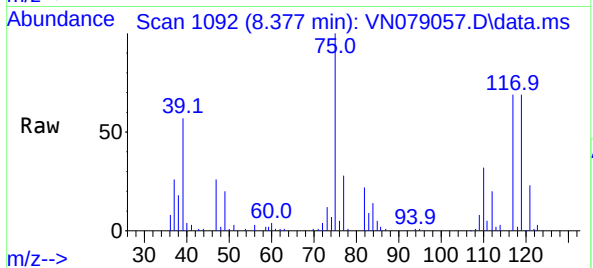
Tgt Ion: 75 Resp: 8433
Ion Ratio Lower Upper
75 100
110 33.0 0.0 65.8
77 30.5 0.0 60.4

Manual Integrations

APPROVED

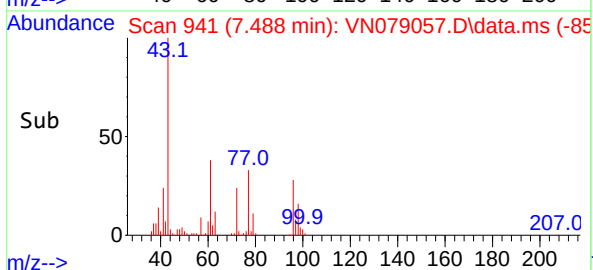
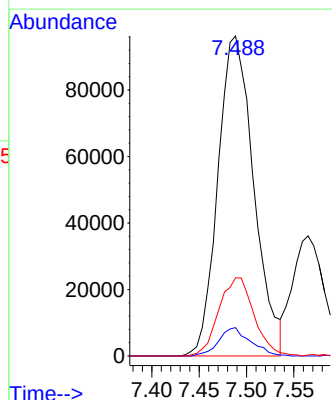
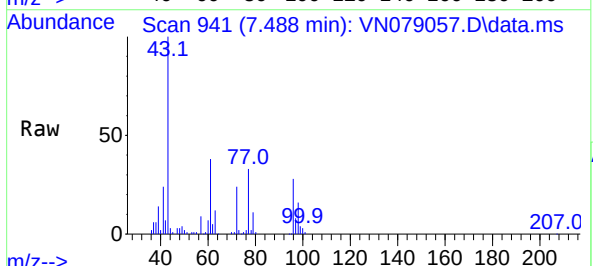
Reviewed By :John Carlone 08/29/2023

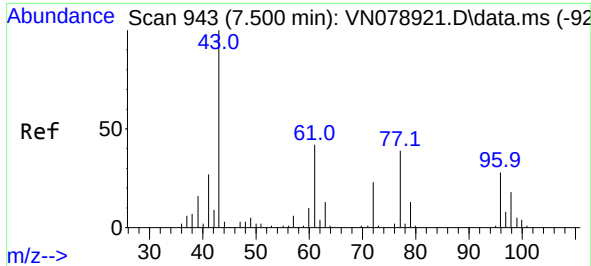
Supervised By :Semsettin Yesilyurt 08/29/2023



#30
2-Butanone
Concen: 109.057 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Tgt Ion: 43 Resp: 254272
Ion Ratio Lower Upper
43 100
57 7.8 6.2 9.4
72 23.9 19.4 29.2





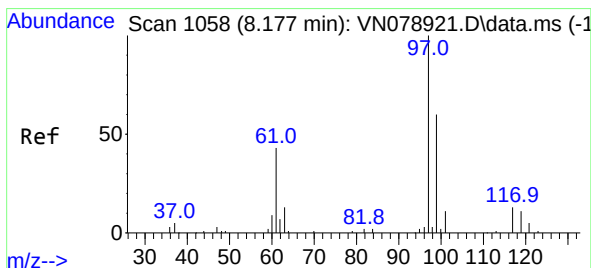
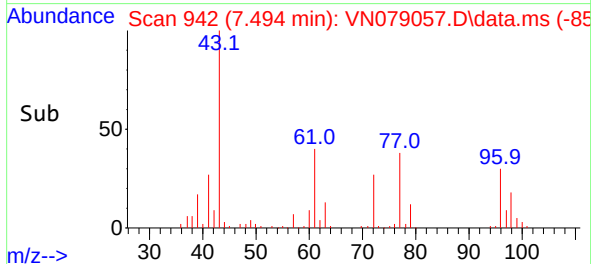
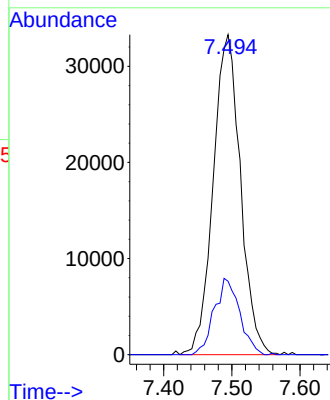
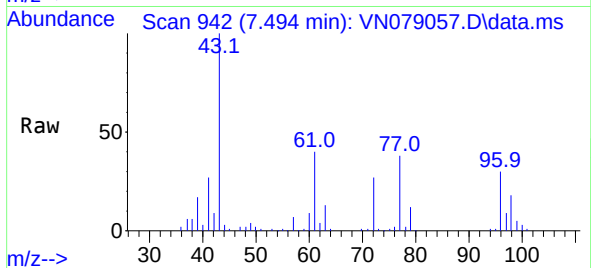
#31
2,2-Dichloropropane
Concen: 21.034 ug/l
RT: 7.494 min Scan# 943
Delta R.T. -0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 77 Resp: 92584
Ion Ratio Lower Upper
77 100
97 22.2 17.6 26.4

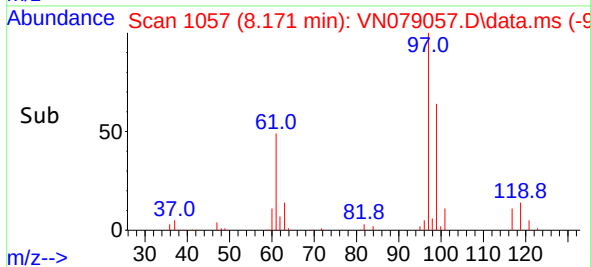
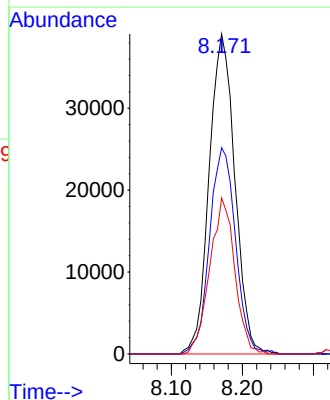
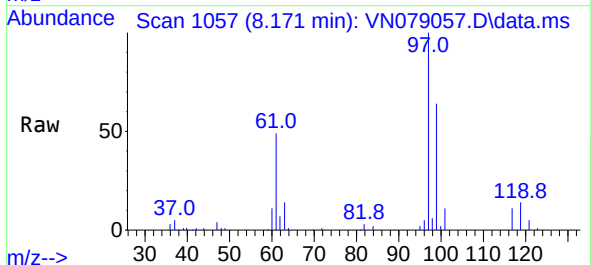
Manual Integrations
APPROVED

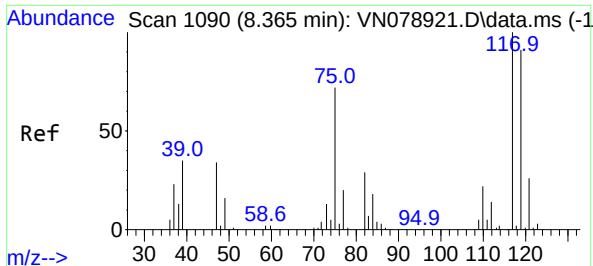
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#32
1,1,1-Trichloroethane
Concen: 20.664 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

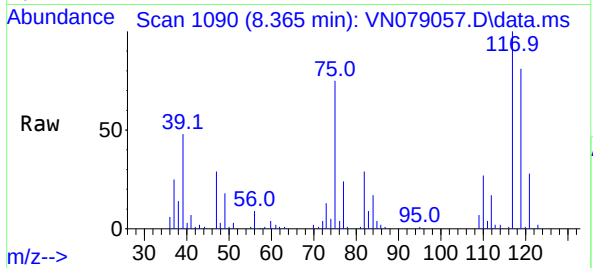
Tgt Ion: 97 Resp: 98259
Ion Ratio Lower Upper
97 100
99 65.0 52.0 78.0
61 47.2 37.0 55.6





#33
Carbon Tetrachloride
Concen: 20.884 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

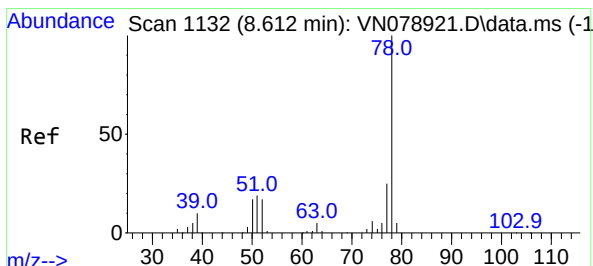
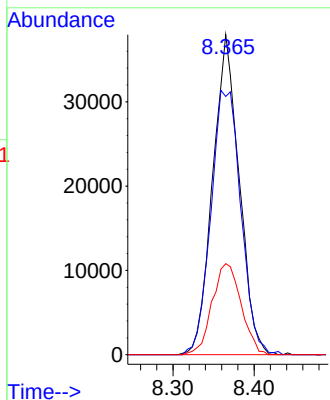
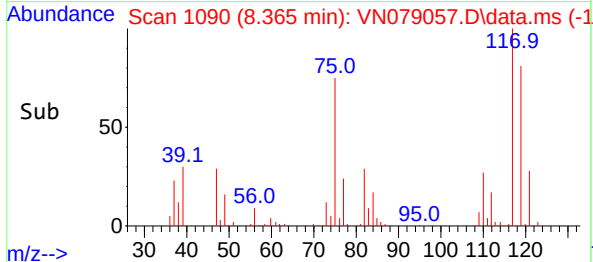
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



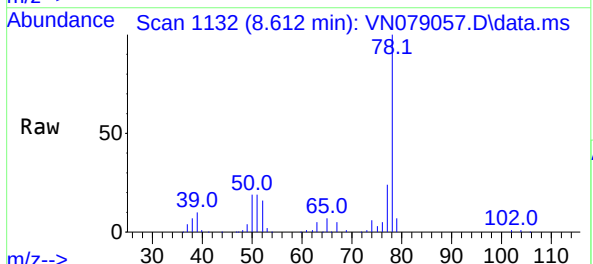
Tgt Ion: 117 Resp: 86010
Ion Ratio Lower Upper
117 100
119 80.7 72.6 108.8
121 28.5 20.7 31.1

Manual Integrations
APPROVED

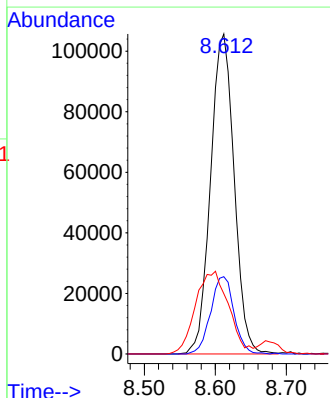
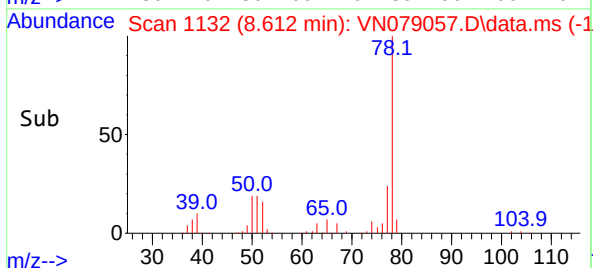
Reviewed By : John Carlone 08/29/2023
Supervised By : Semsettin Yesilyurt 08/29/2023

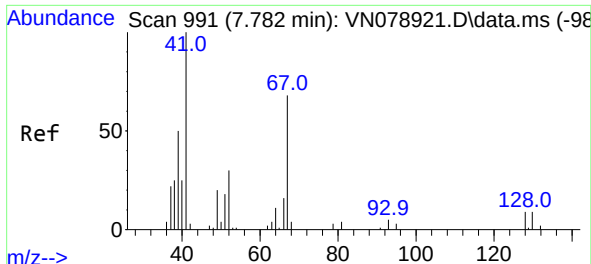


#34
Benzene
Concen: 20.426 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35



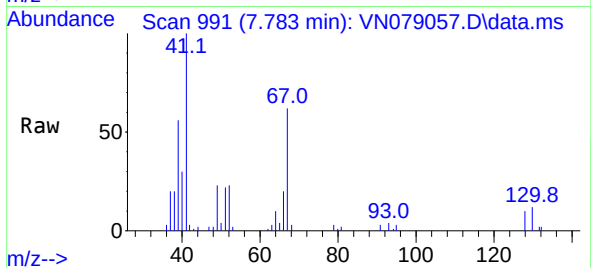
Tgt Ion: 78 Resp: 243785
Ion Ratio Lower Upper
78 100
77 24.2 19.9 29.9
51 17.6 14.8 22.2





#35
Methacrylonitrile
Concen: 19.784 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

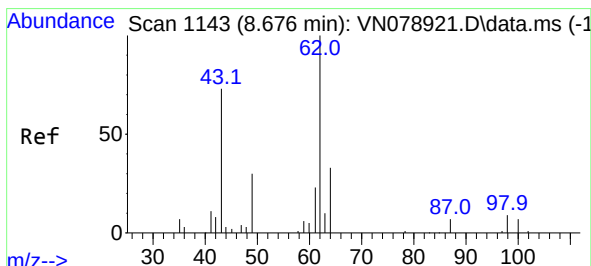
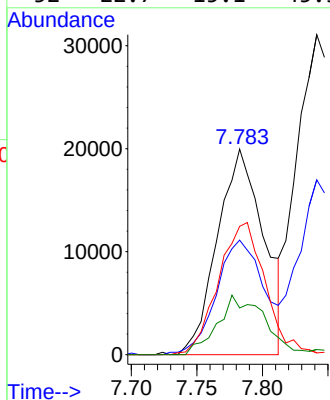
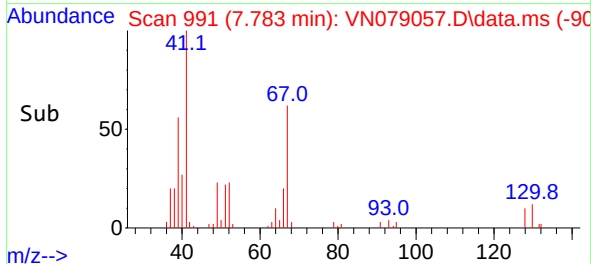
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



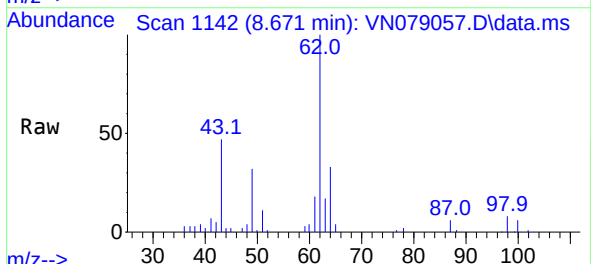
Tgt Ion: 41 Resp: 4916
Ion Ratio Lower Upper
41 100
39 54.6 25.0 75.0
67 61.4 34.0 102.0
52 22.7 15.1 45.3

Manual Integrations
APPROVED

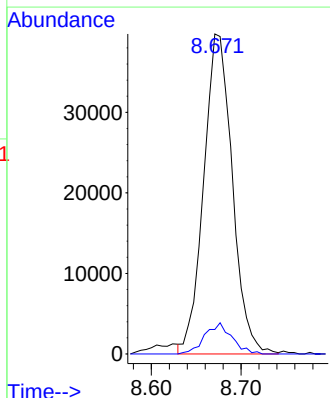
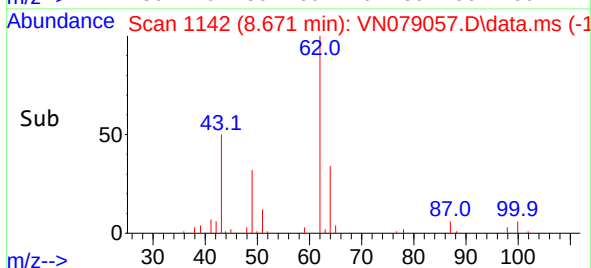
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

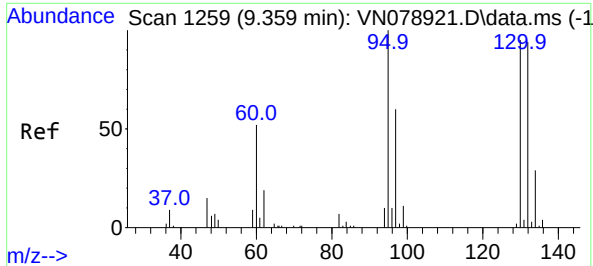


#36
1,2-Dichloroethane
Concen: 19.725 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35



Tgt Ion: 62 Resp: 88161
Ion Ratio Lower Upper
62 100
98 9.2 8.1 12.1





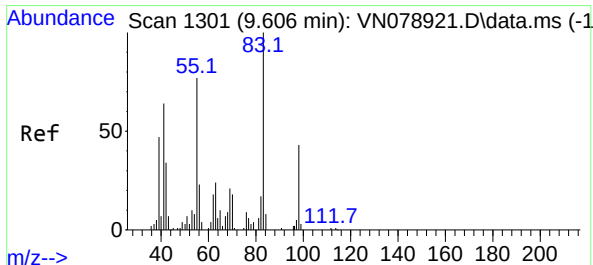
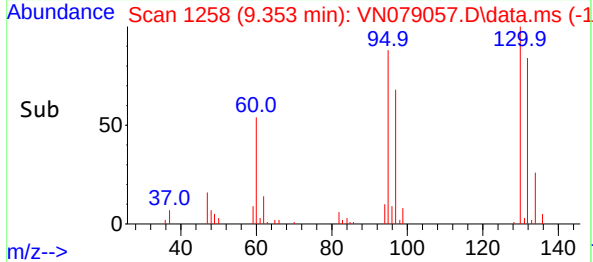
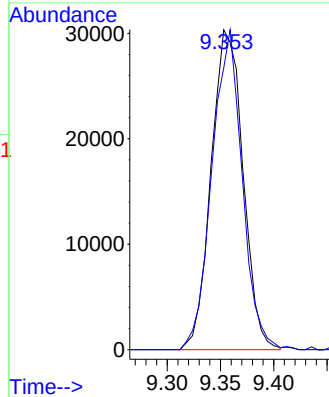
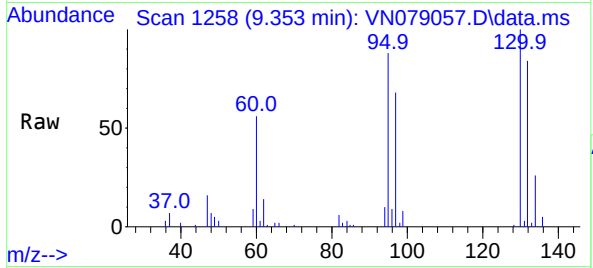
#37
Trichloroethene
Concen: 21.231 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:130 Resp: 63075
Ion Ratio Lower Upper
130 100
95 88.1 84.6 127.0

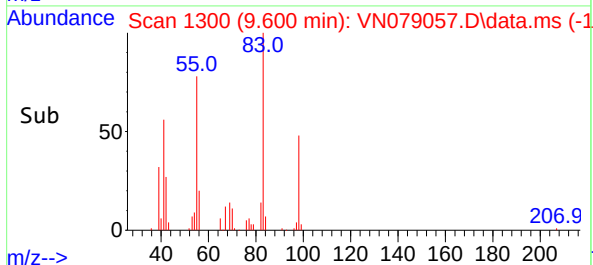
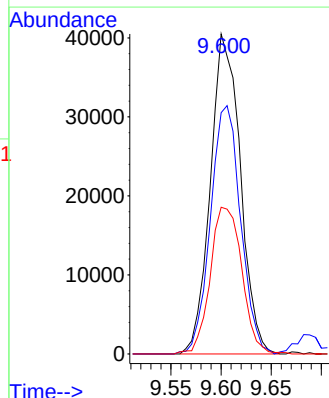
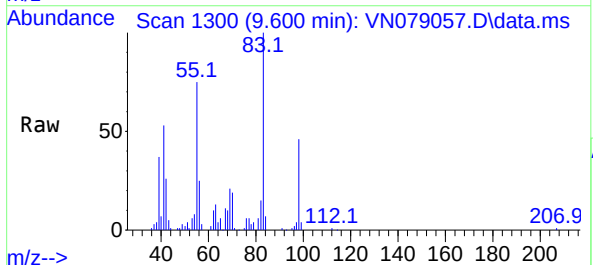
Manual Integrations
APPROVED

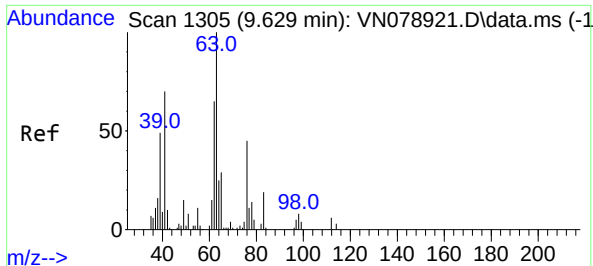
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#38
Methylcyclohexane
Concen: 23.939 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Tgt Ion: 83 Resp: 83941
Ion Ratio Lower Upper
83 100
55 78.1 40.2 120.6
98 46.9 24.1 72.3





#39
1,2-Dichloropropane
Concen: 20.140 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Instrument :

MSVOA_N

ClientSampleId :

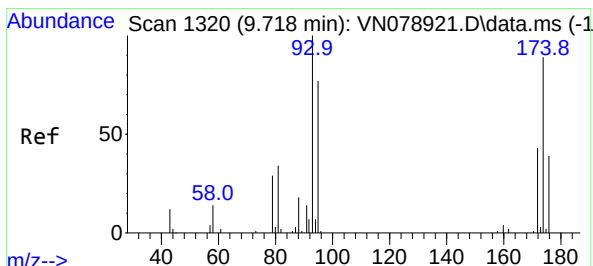
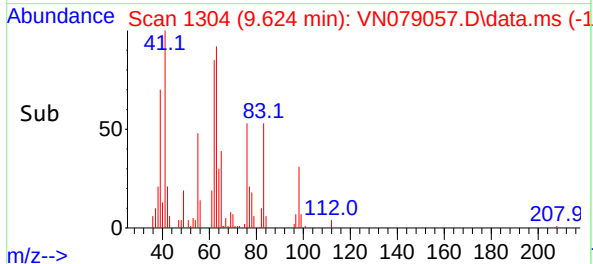
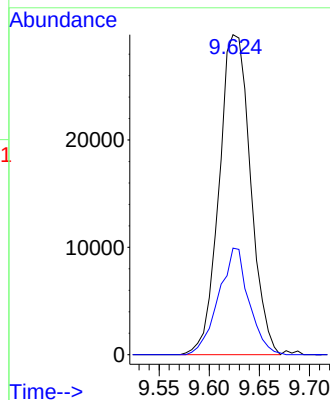
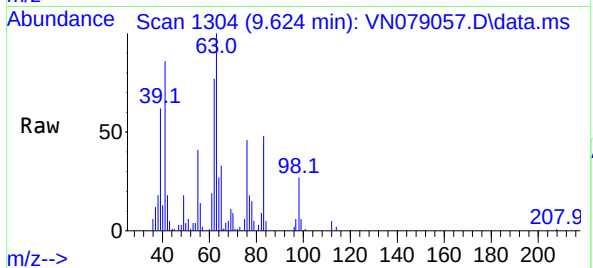
VSTDCCC020

Tgt Ion: 63 Resp: 6474
Ion Ratio Lower Upper
63 100
65 33.3 23.5 35.3

Manual Integrations

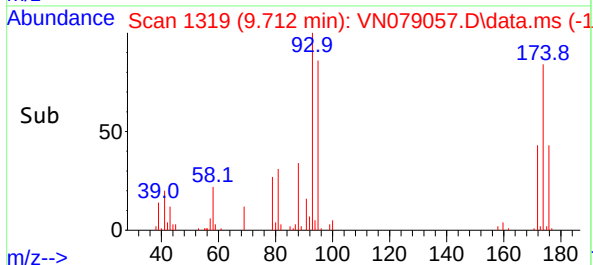
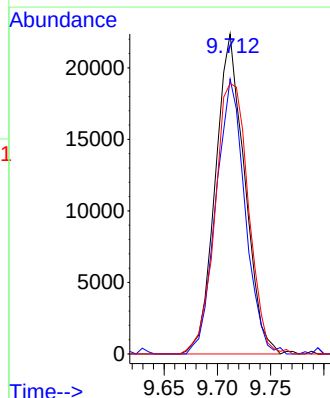
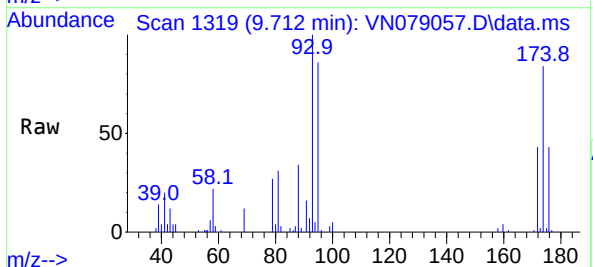
APPROVED

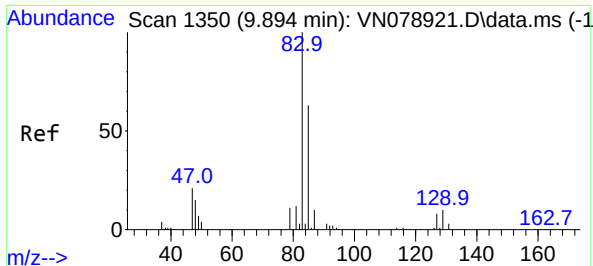
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#40
Dibromomethane
Concen: 19.783 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Tgt Ion: 93 Resp: 42632
Ion Ratio Lower Upper
93 100
95 85.1 0.0 162.0
174 96.1 0.0 188.6





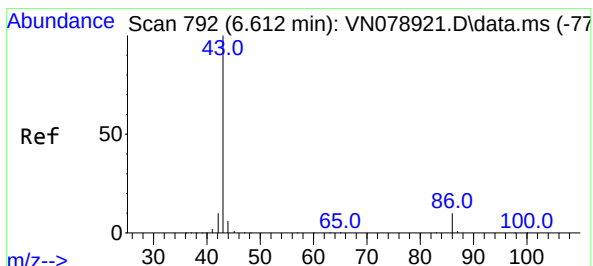
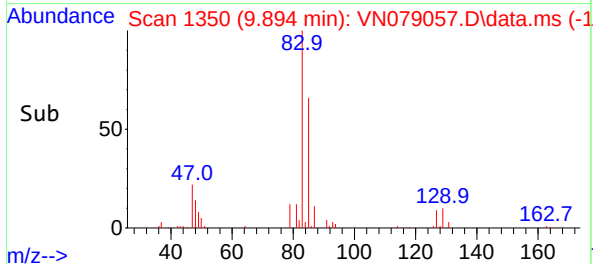
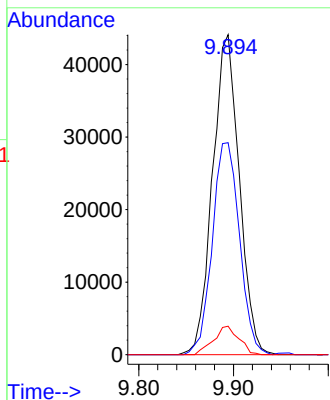
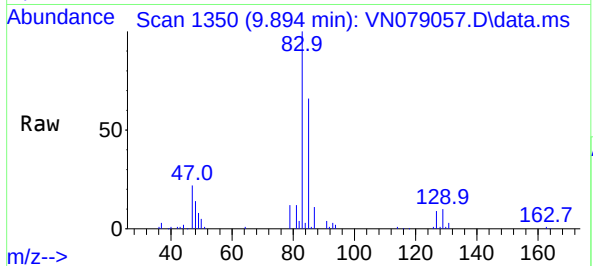
#41
Bromodichloromethane
Concen: 19.952 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 83 Resp: 86460
Ion Ratio Lower Upper
83 100
85 66.2 50.2 75.2
127 8.9 6.2 9.4

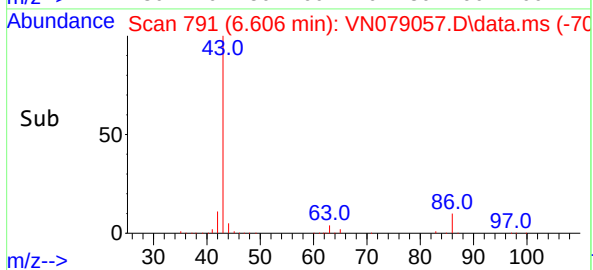
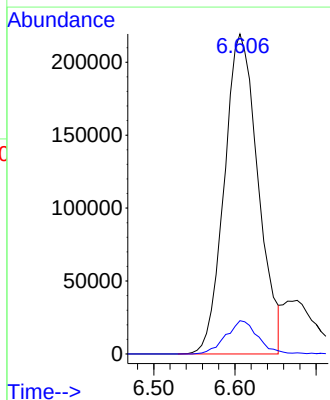
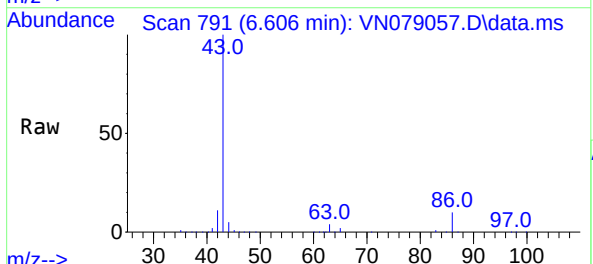
Manual Integrations
APPROVED

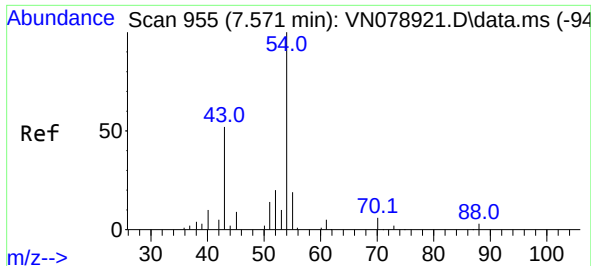
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#42
Vinyl Acetate
Concen: 96.467 ug/l
RT: 6.606 min Scan# 791
Delta R.T. -0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Tgt Ion: 43 Resp: 634145
Ion Ratio Lower Upper
43 100
86 9.8 7.4 11.0





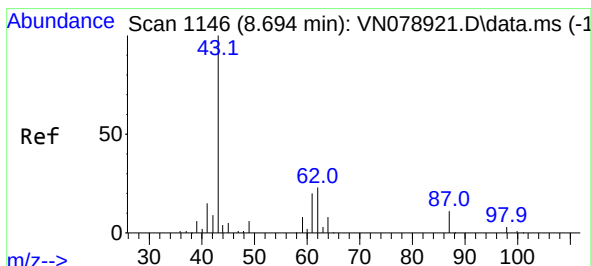
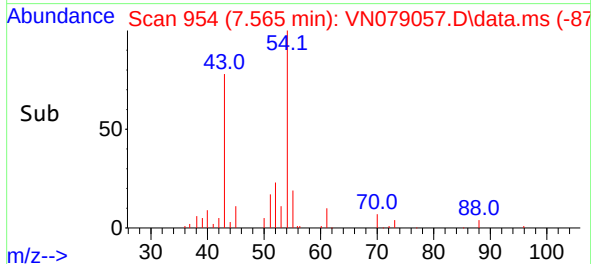
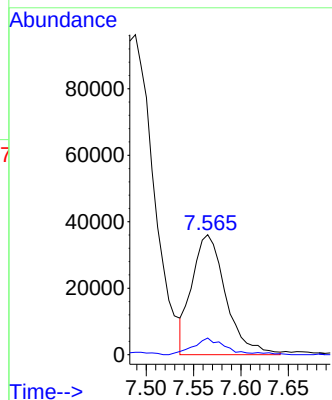
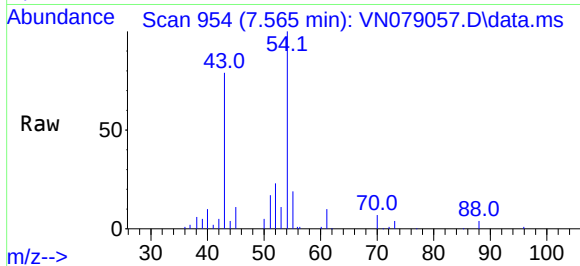
#43
Ethyl Acetate
Concen: 19.758 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 89369
Ion Ratio Lower Upper
43 100
45 11.8 9.6 14.4

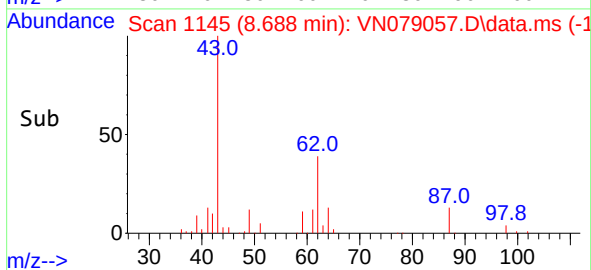
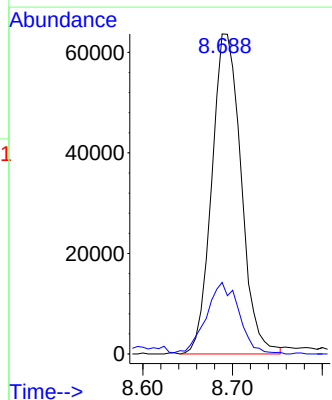
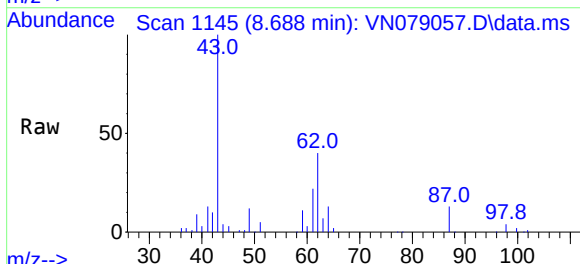
Manual Integrations
APPROVED

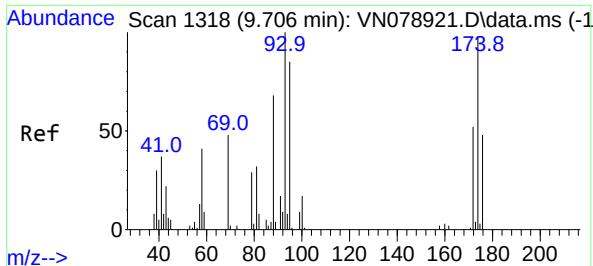
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#44
Isopropyl Acetate
Concen: 18.134 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

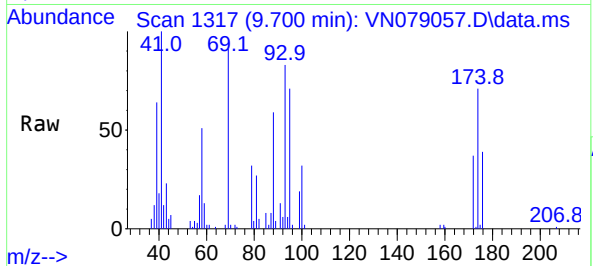
Tgt Ion: 43 Resp: 144534
Ion Ratio Lower Upper
43 100
61 25.0 19.0 28.4





#45
1,4-Dioxane
Concen: 369.610 ug/l
RT: 9.700 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

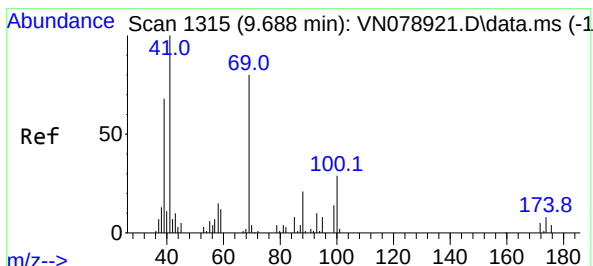
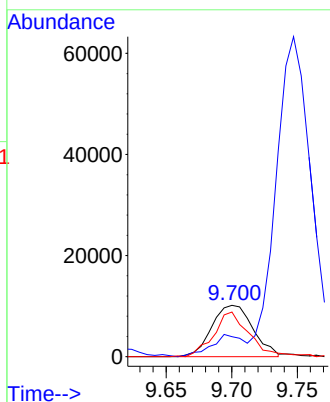
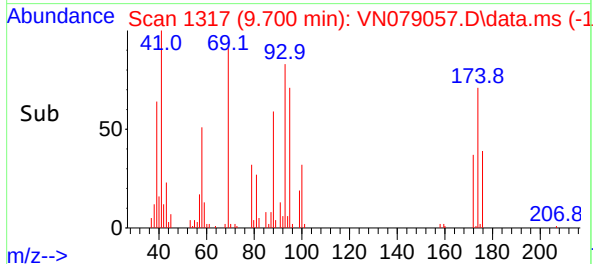
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



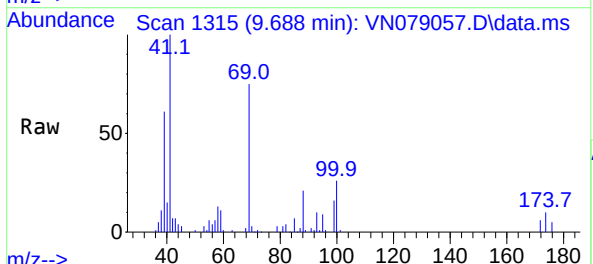
Tgt Ion: 88 Resp: 2216
Ion Ratio Lower Upper
88 100
43 33.9 28.1 42.1
58 74.3 57.0 85.4

Manual Integrations
APPROVED

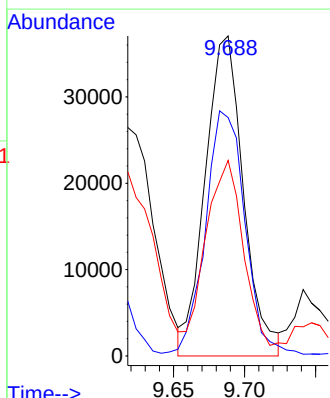
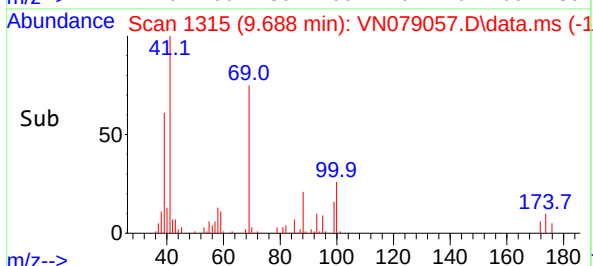
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

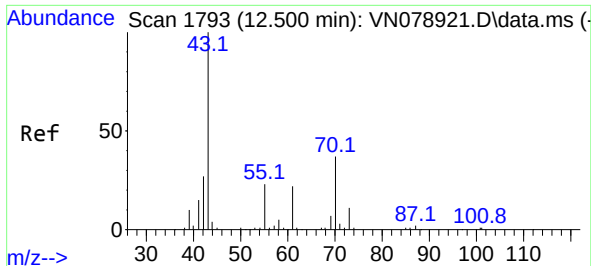


#46
Methyl methacrylate
Concen: 19.764 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35



Tgt Ion: 41 Resp: 69403
Ion Ratio Lower Upper
41 100
69 78.0 38.5 115.5
39 61.4 35.9 107.8





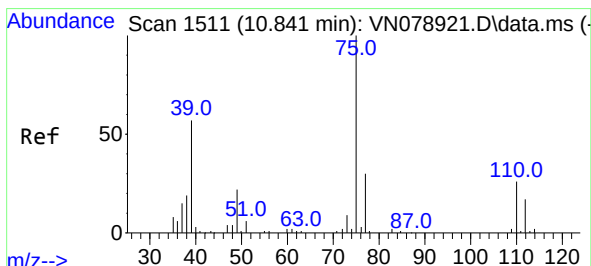
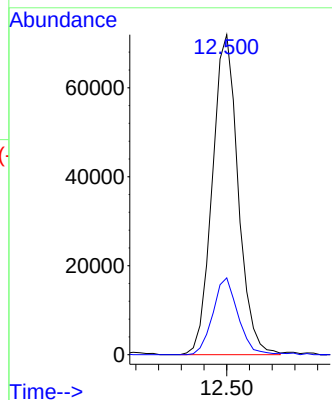
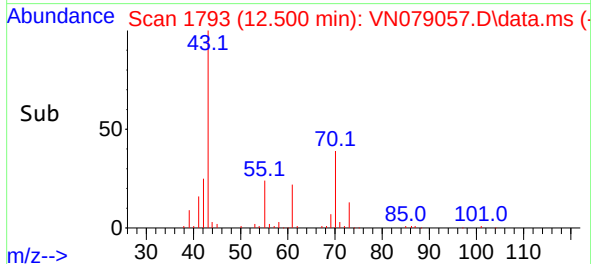
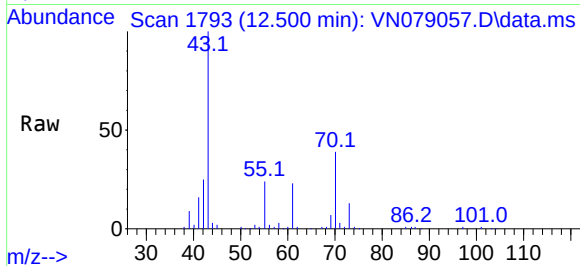
#47
n-amyl acetate
Concen: 18.559 ug/l
RT: 12.500 min Scan# 11350
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 43 Resp: 11350
Ion Ratio Lower Upper
43 100
55 23.5 17.5 26.3

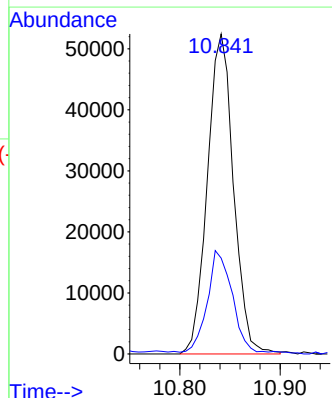
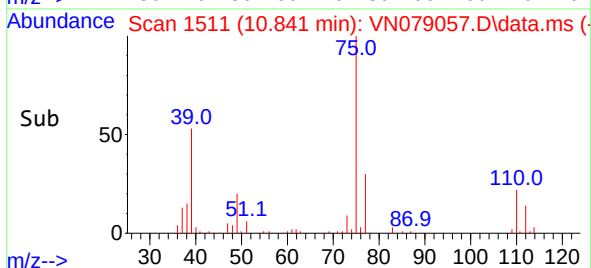
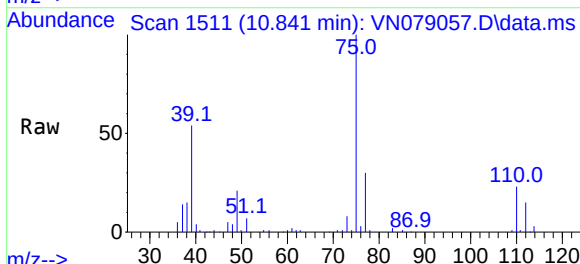
Manual Integrations
APPROVED

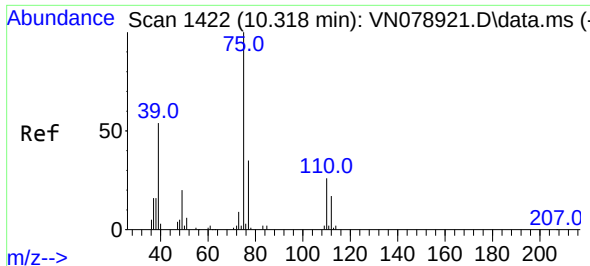
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#48
t-1,3-Dichloropropene
Concen: 20.555 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

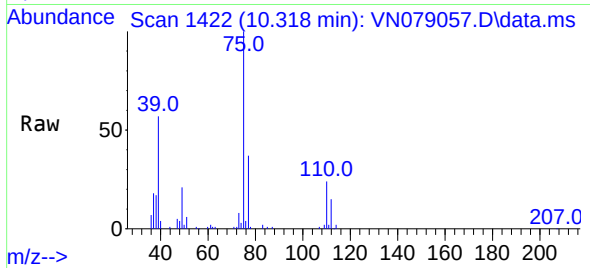
Tgt Ion: 75 Resp: 94875
Ion Ratio Lower Upper
75 100
77 29.4 23.7 35.5





#49
 cis-1,3-Dichloropropene
 Concen: 19.834 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079057.D
 Acq: 28 Aug 2023 10:35

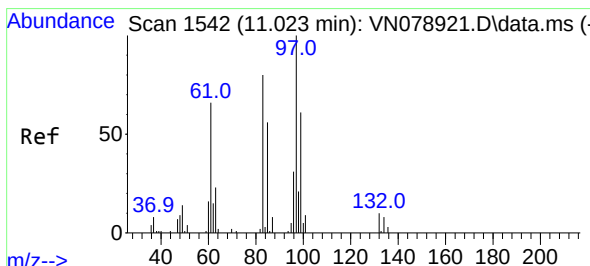
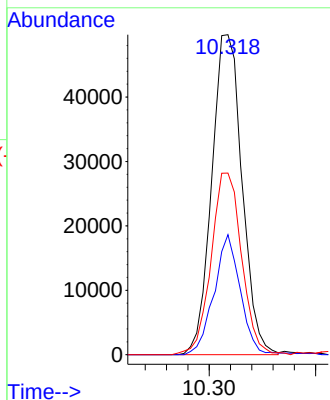
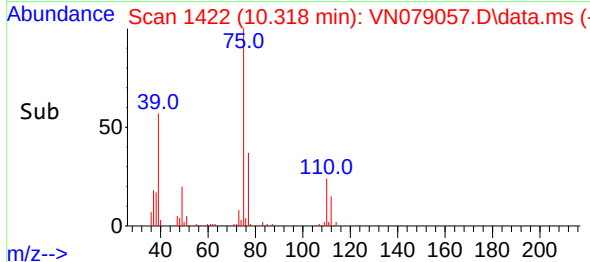
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020



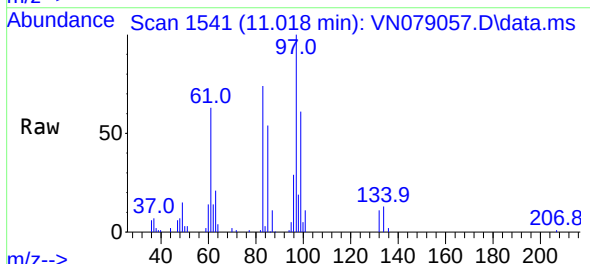
Tgt Ion: 75 Resp: 9816
 Ion Ratio Lower Upper
 75 100
 77 37.5 27.8 41.8
 39 56.3 43.5 65.3

Manual Integrations
 APPROVED

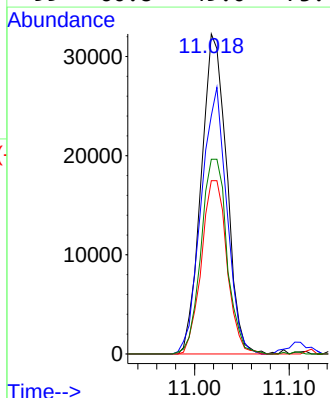
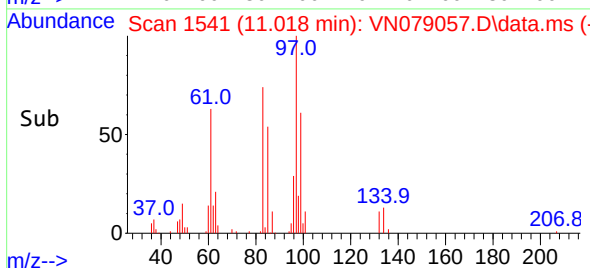
Reviewed By :John Carlone 08/29/2023
 Supervised By :Semsettin Yesilyurt 08/29/2023

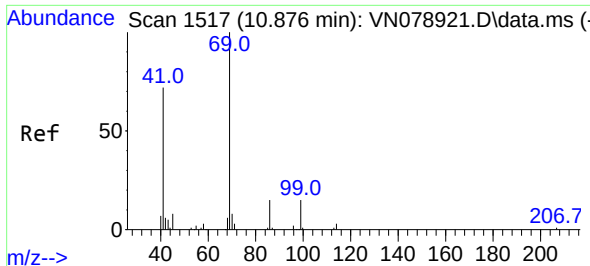


#50
 1,1,2-Trichloroethane
 Concen: 20.711 ug/l
 RT: 11.018 min Scan# 1541
 Delta R.T. -0.006 min
 Lab File: VN079057.D
 Acq: 28 Aug 2023 10:35



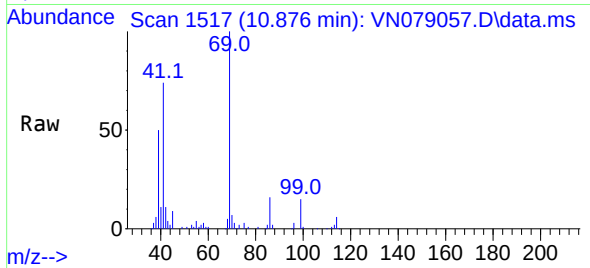
Tgt Ion: 97 Resp: 60314
 Ion Ratio Lower Upper
 97 100
 83 73.8 63.7 95.5
 85 54.2 44.9 67.3
 99 60.8 49.0 73.4





#51
Ethyl methacrylate
Concen: 19.638 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

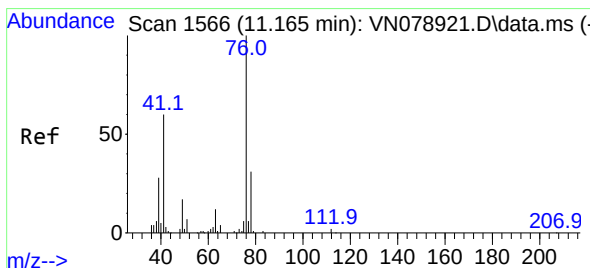
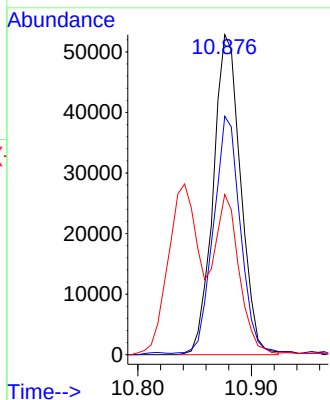
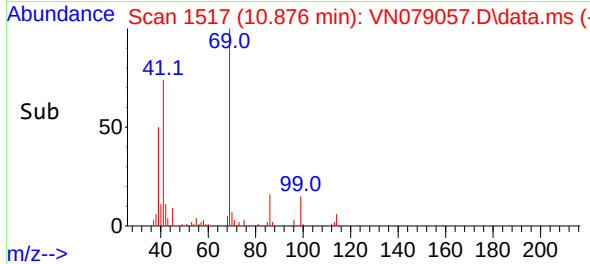
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



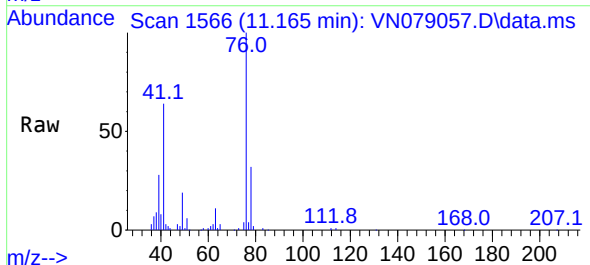
Tgt Ion: 69 Resp: 88518
Ion Ratio Lower Upper
69 100
41 73.9 35.9 107.8
39 49.5 23.5 70.5

Manual Integrations
APPROVED

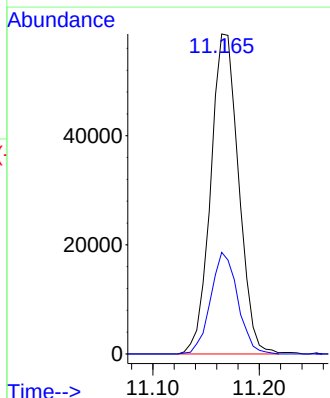
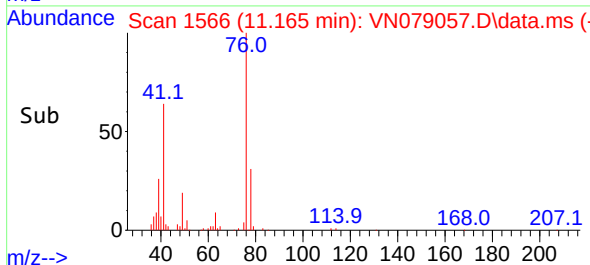
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

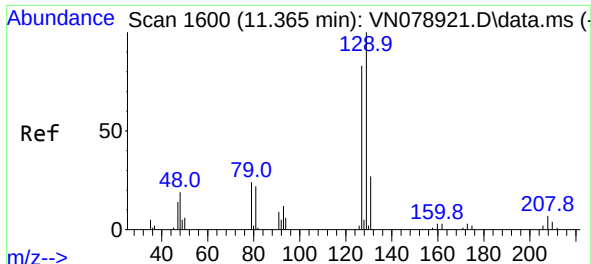


#52
1,3-Dichloropropane
Concen: 20.499 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35



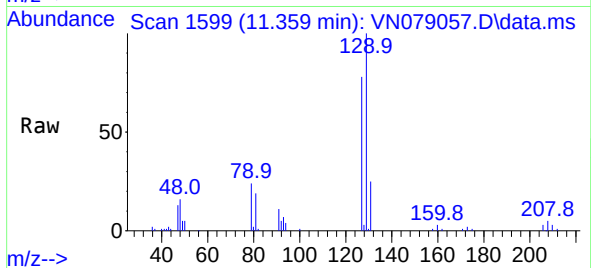
Tgt Ion: 76 Resp: 106924
Ion Ratio Lower Upper
76 100
78 30.8 0.0 64.6





#53
Dibromochloromethane
Concen: 19.884 ug/l
RT: 11.359 min Scan# 11359
Delta R.T. -0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

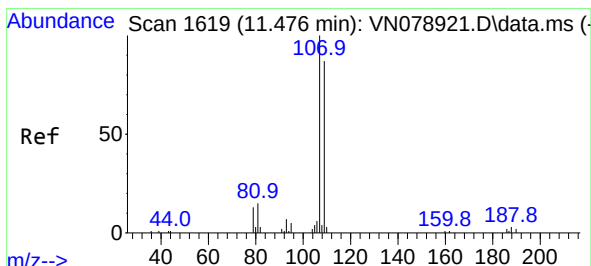
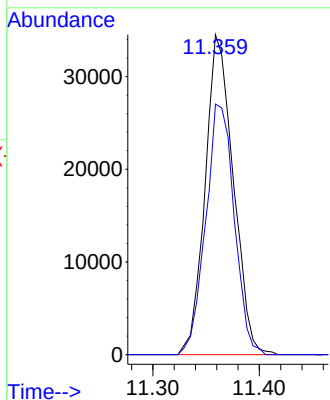
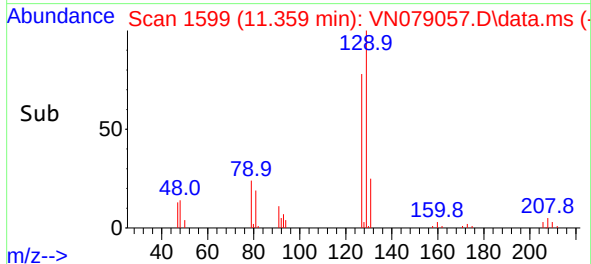
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



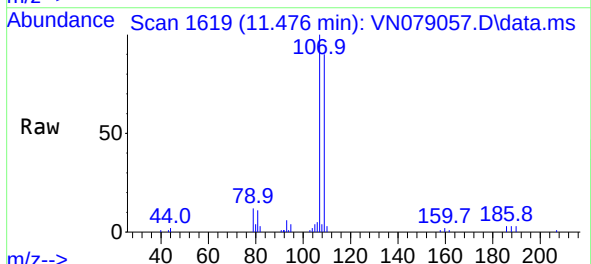
Tgt Ion:129 Resp: 6337
Ion Ratio Lower Upper
129 100
127 79.4 40.1 120.2

Manual Integrations
APPROVED

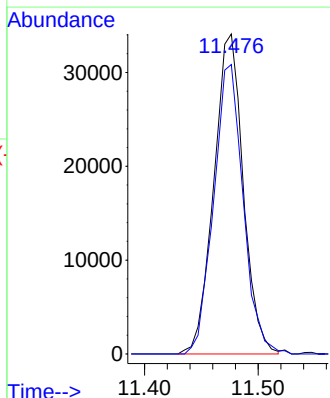
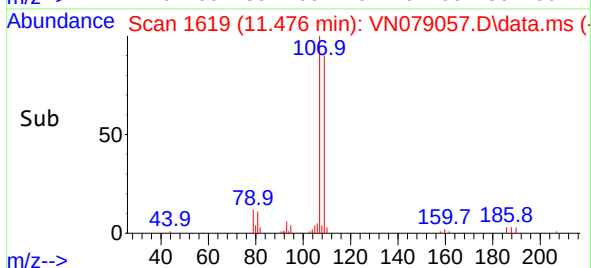
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

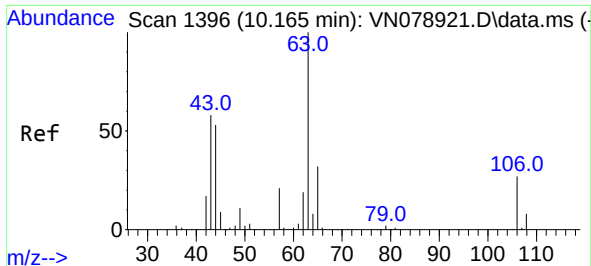


#54
1,2-Dibromoethane
Concen: 20.532 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35



Tgt Ion:107 Resp: 61387
Ion Ratio Lower Upper
107 100
109 90.5 71.7 107.5





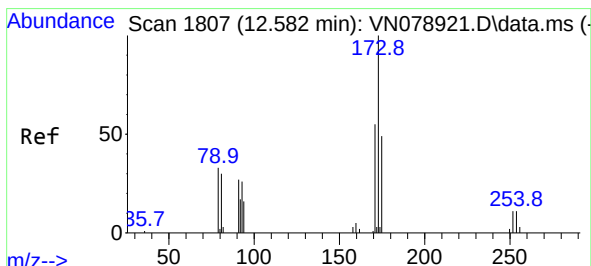
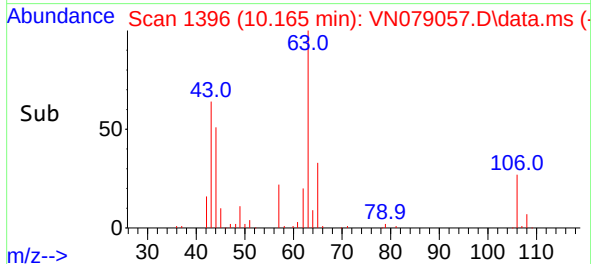
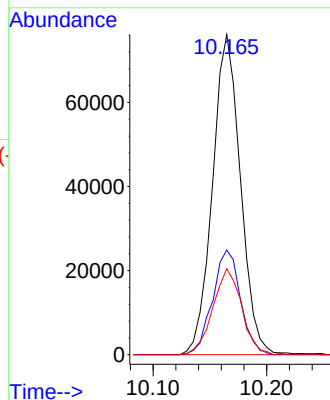
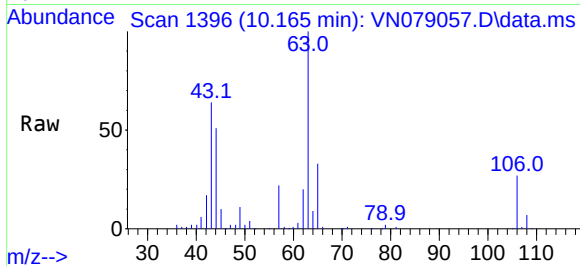
#55
2-Chloroethyl vinyl ether
Concen: 62.448 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 63 Resp: 13010
Ion Ratio Lower Upper
63 100
65 32.7 25.4 38.2
106 27.6 22.3 33.5

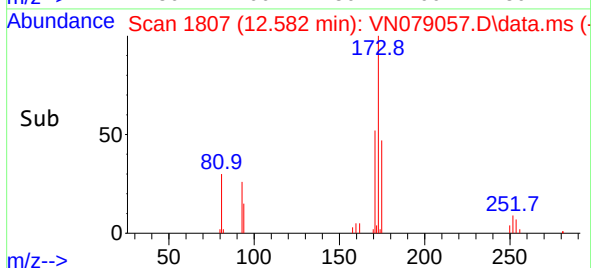
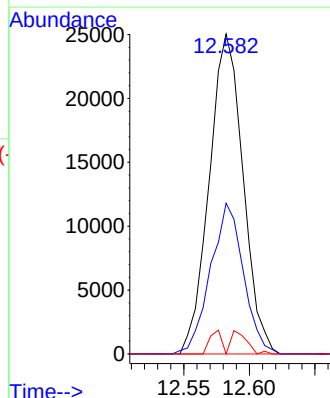
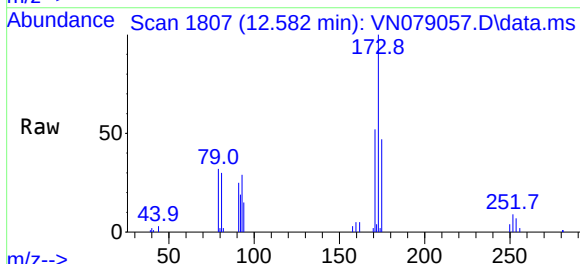
Manual Integrations
APPROVED

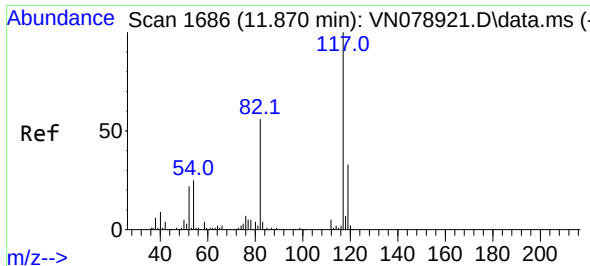
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#56
Bromoform
Concen: 19.964 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

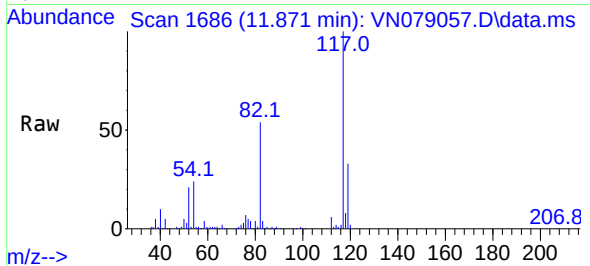
Tgt Ion:173 Resp: 44895
Ion Ratio Lower Upper
173 100
175 45.8 38.8 58.2
254 3.2 7.6 11.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

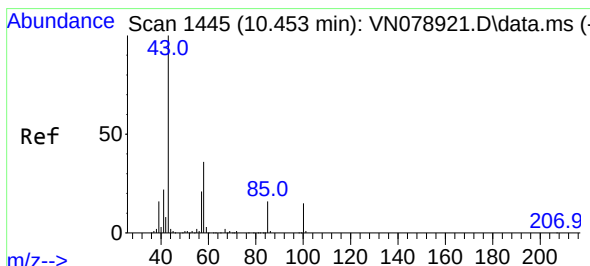
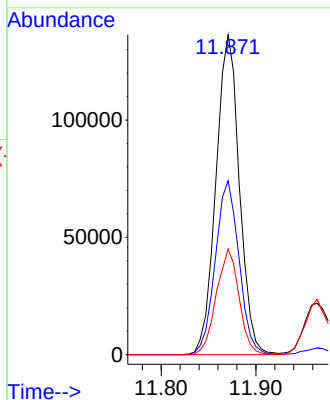
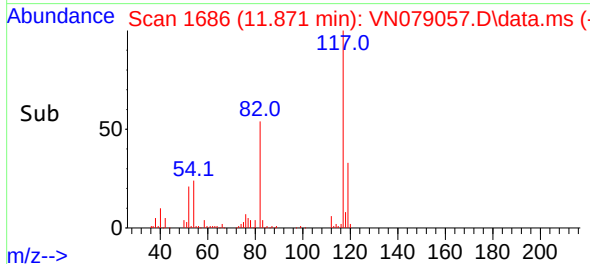
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



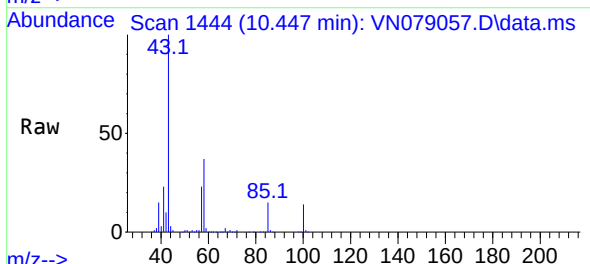
Tgt Ion: 117 Resp: 23495
Ion Ratio Lower Upper
117 100
82 54.8 43.4 65.0
119 32.0 25.5 38.3

Manual Integrations
APPROVED

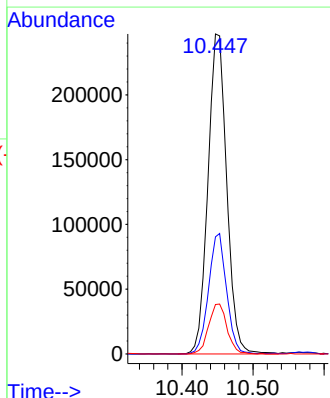
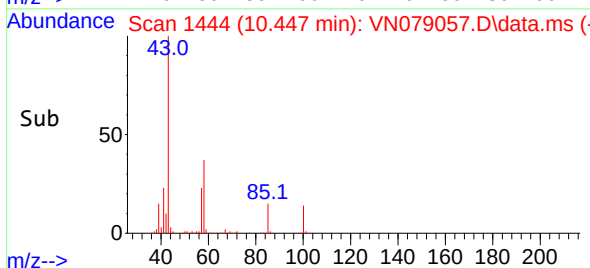
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

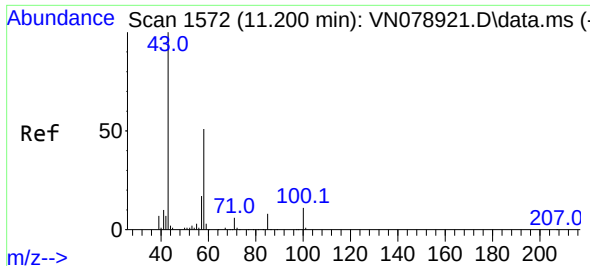


#58
4-Methyl-2-Pentanone
Concen: 97.388 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35



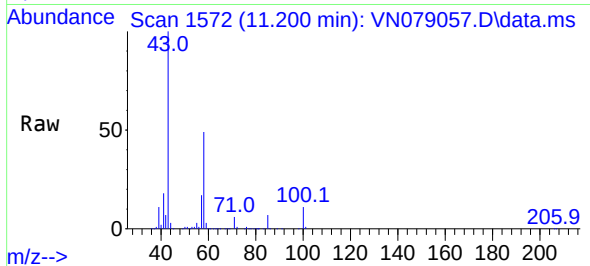
Tgt Ion: 43 Resp: 453987
Ion Ratio Lower Upper
43 100
58 36.0 28.8 43.2
85 15.3 12.7 19.1





#59
2-Hexanone
Concen: 102.732 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

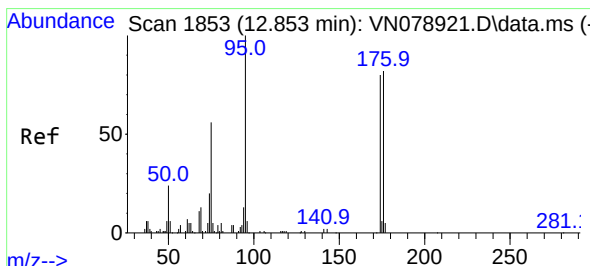
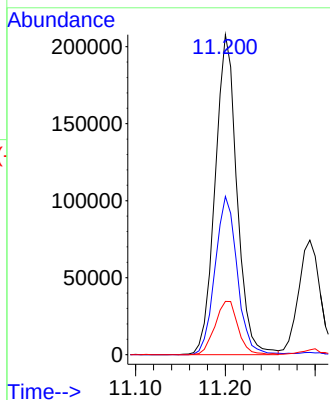
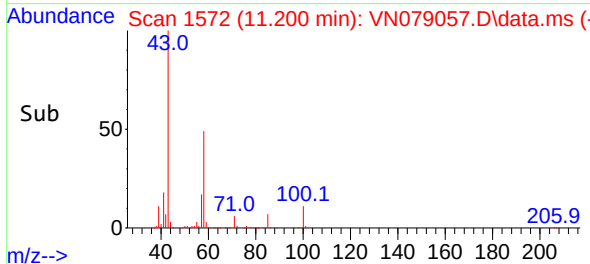
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



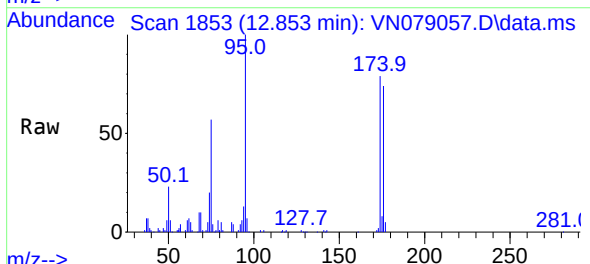
Tgt Ion: 43 Resp: 350879
Ion Ratio Lower Upper
43 100
58 50.0 40.6 60.8
57 17.6 13.6 20.4

Manual Integrations
APPROVED

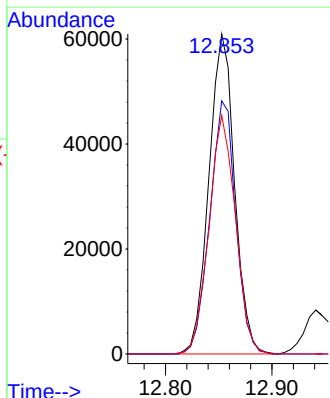
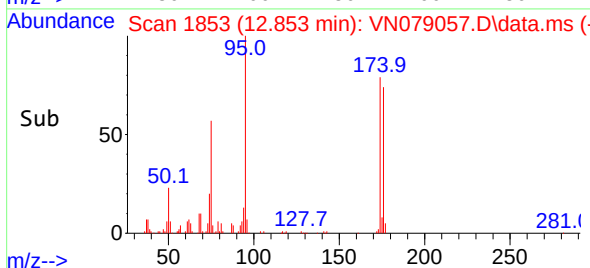
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

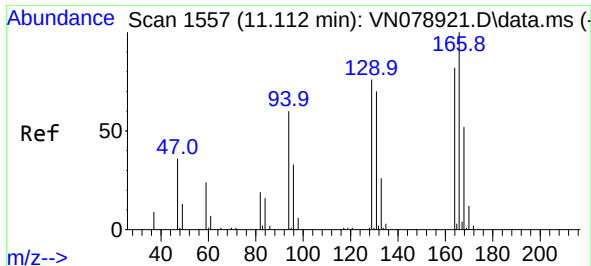


#60
4-Bromofluorobenzene
Concen: 29.700 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35



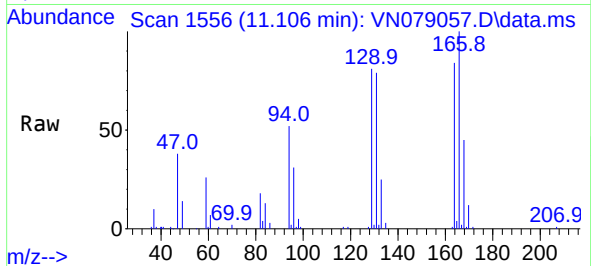
Tgt Ion: 95 Resp: 101794
Ion Ratio Lower Upper
95 100
174 80.3 64.8 97.2
176 77.1 63.0 94.6





#61
Tetrachloroethene
Concen: 22.805 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

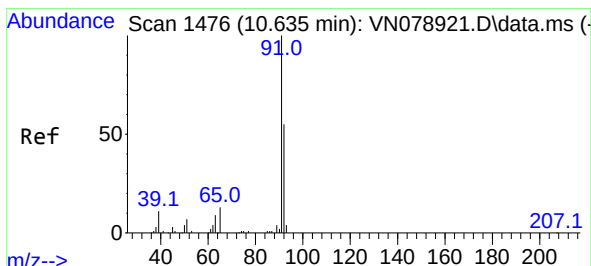
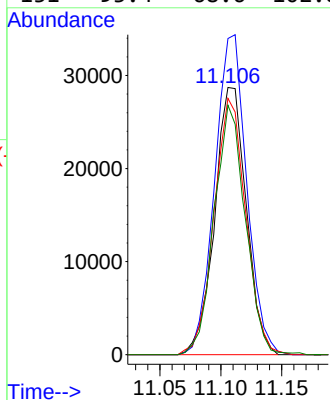
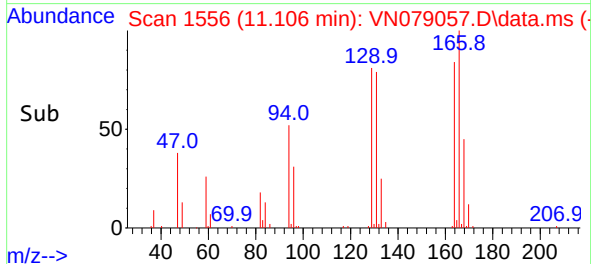
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



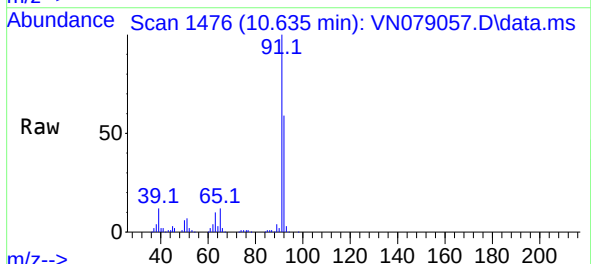
Tgt Ion:164 Resp: 5188
Ion Ratio Lower Upper
164 100
166 118.4 97.6 146.4
129 96.0 74.1 111.1
131 93.4 68.6 102.8

Manual Integrations
APPROVED

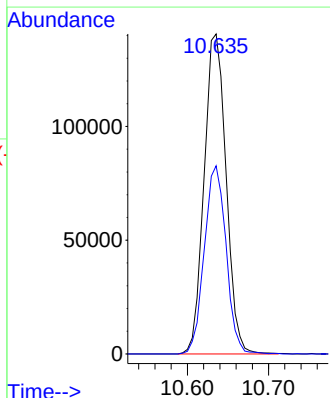
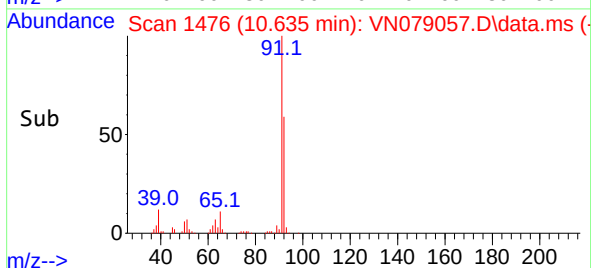
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

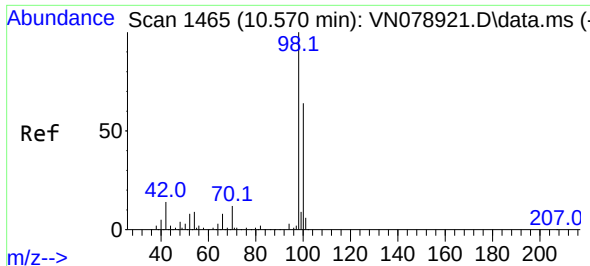


#62
Toluene
Concen: 20.666 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35



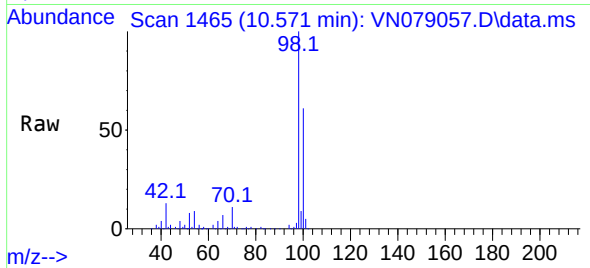
Tgt Ion: 91 Resp: 265096
Ion Ratio Lower Upper
91 100
92 57.9 44.7 67.1





#63
Toluene-d8
Concen: 29.461 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

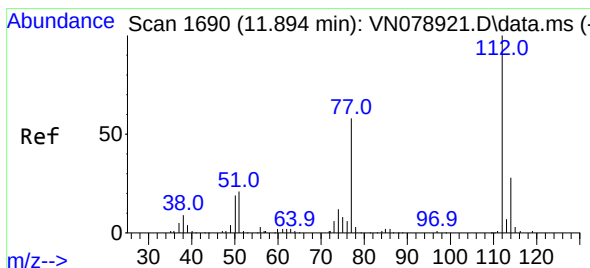
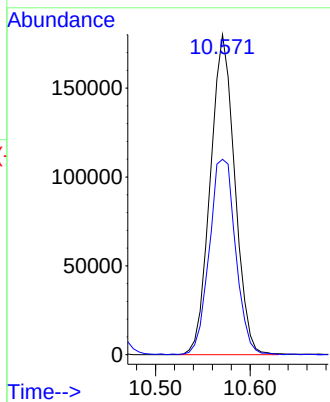
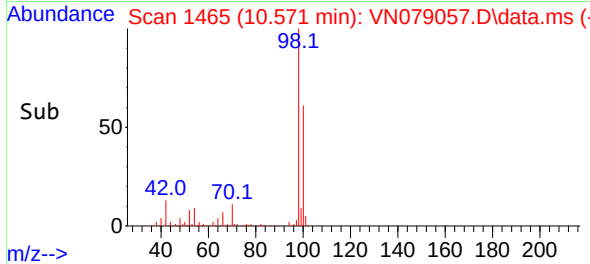
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 98 Resp: 323258
Ion Ratio Lower Upper
98 100
100 65.5 51.1 76.7

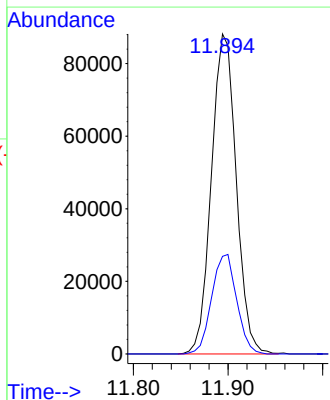
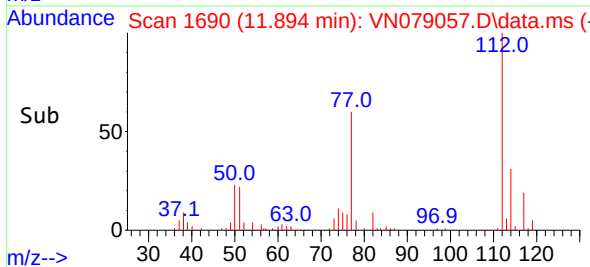
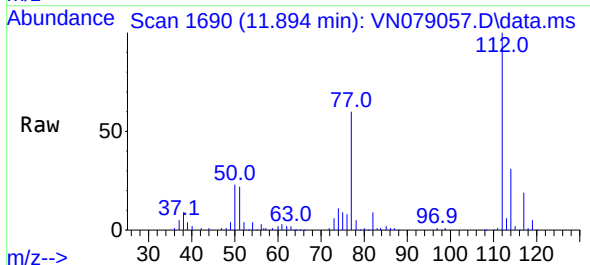
Manual Integrations
APPROVED

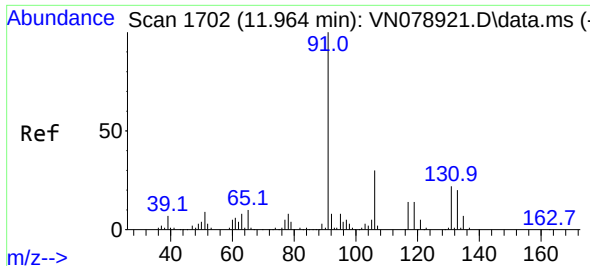
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#64
Chlorobenzene
Concen: 20.851 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

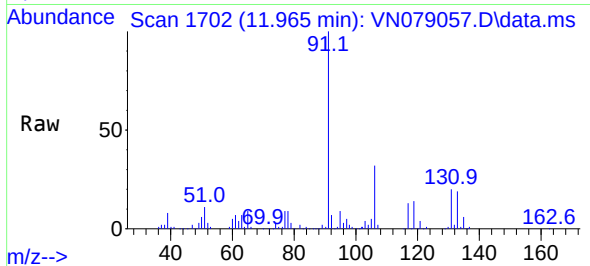
Tgt Ion:112 Resp: 160818
Ion Ratio Lower Upper
112 100
114 30.5 22.4 33.6





#65
1,1,1,2-Tetrachloroethane
Concen: 20.102 ug/l
RT: 11.965 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

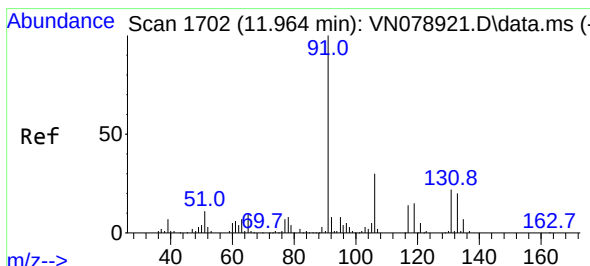
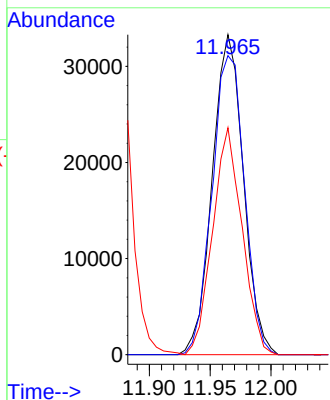
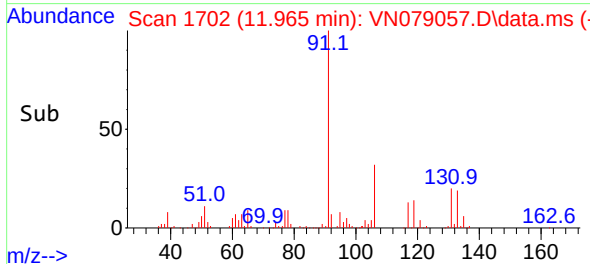
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion:131 Resp: 59280
Ion Ratio Lower Upper
131 100
133 97.4 0.0 184.8
119 67.2 0.0 133.4

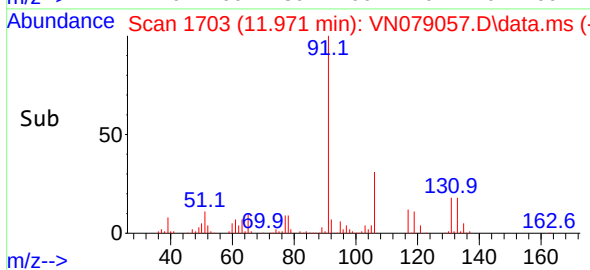
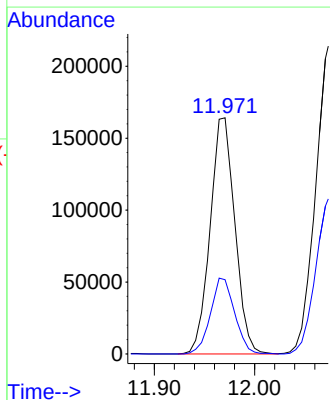
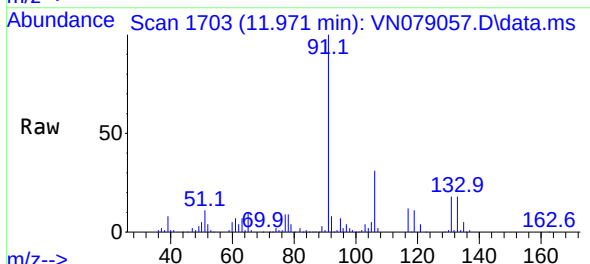
Manual Integrations
APPROVED

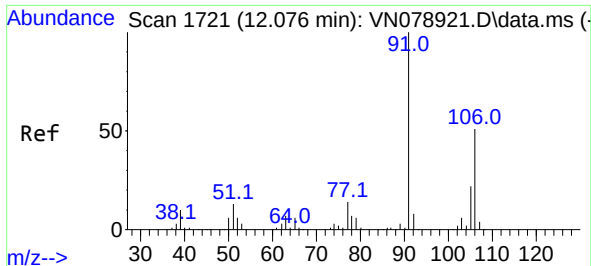
Reviewed By :John Carbone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#66
Ethyl Benzene
Concen: 21.002 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Tgt Ion: 91 Resp: 281803
Ion Ratio Lower Upper
91 100
106 31.4 24.1 36.1





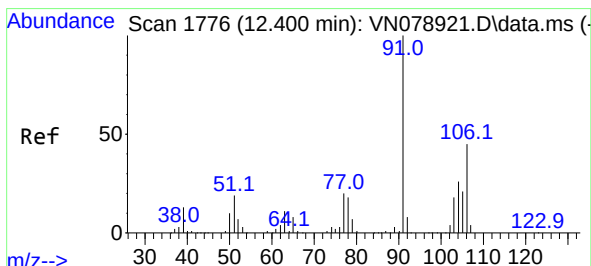
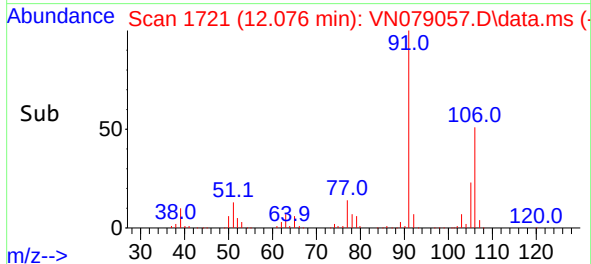
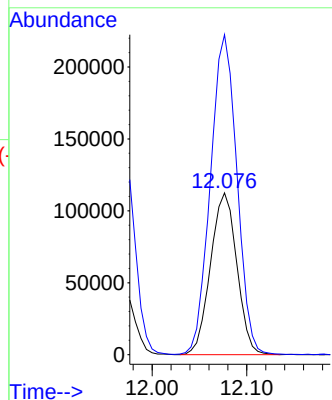
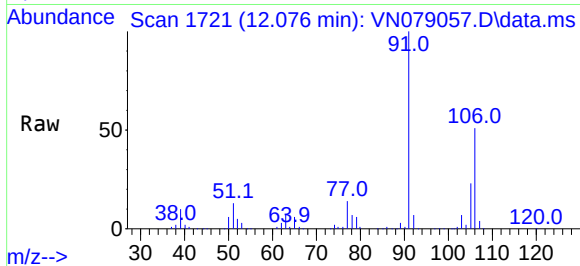
#67
m/p-Xylenes
Concen: 43.405 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:106 Resp: 21714
Ion Ratio Lower Upper
106 100
91 199.7 161.2 241.8

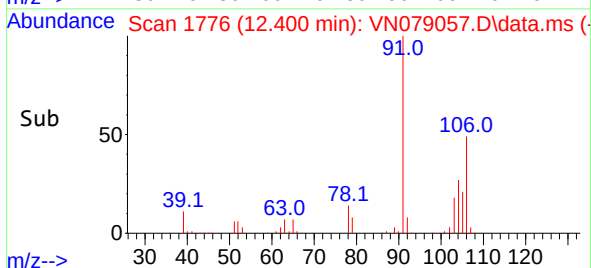
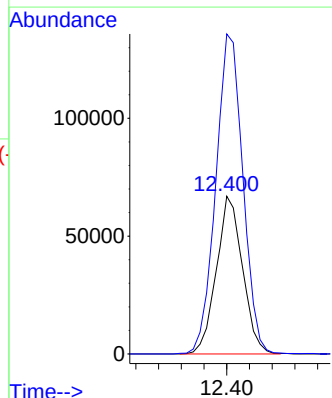
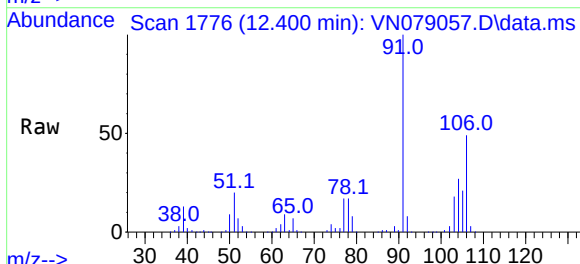
Manual Integrations
APPROVED

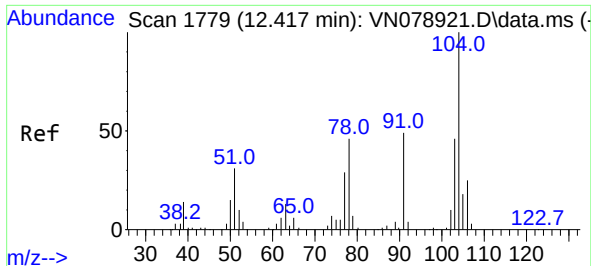
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#68
o-Xylene
Concen: 21.707 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Tgt Ion:106 Resp: 107076
Ion Ratio Lower Upper
106 100
91 210.6 109.0 327.0





#69

Styrene

Concen: 20.903 ug/l

RT: 12.412 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VN079057.D

Acq: 28 Aug 2023 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

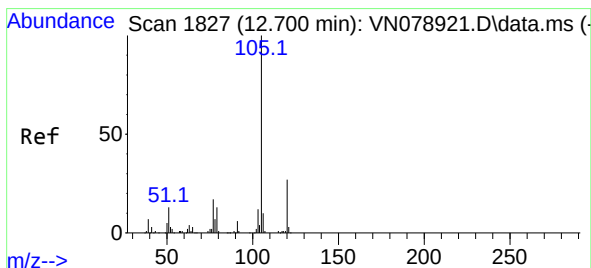
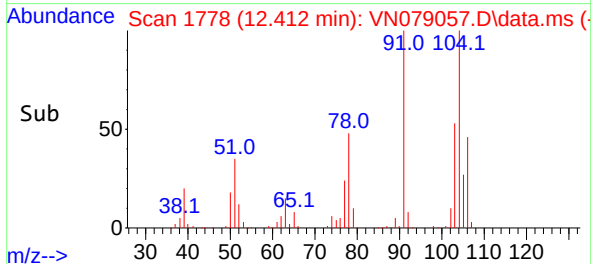
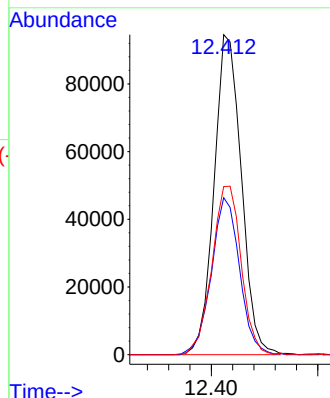
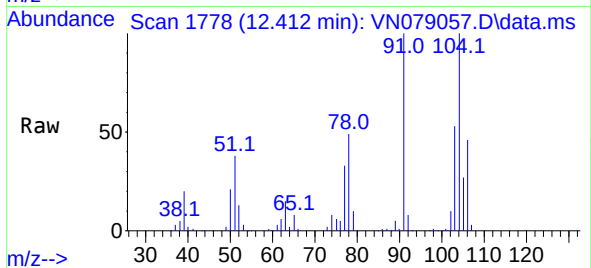
Tgt Ion:104 Resp: 167549
Ion Ratio Lower Upper
104 100
78 50.8 40.2 60.4
103 56.5 43.2 64.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2023

Supervised By :Semsettin Yesilyurt 08/29/2023



#70

Isopropylbenzene

Concen: 22.497 ug/l

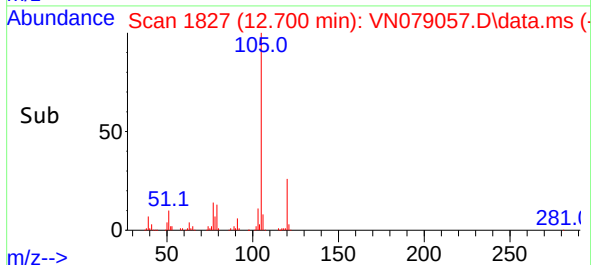
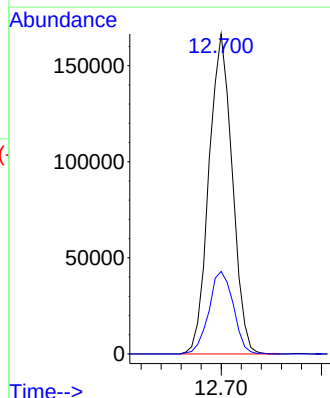
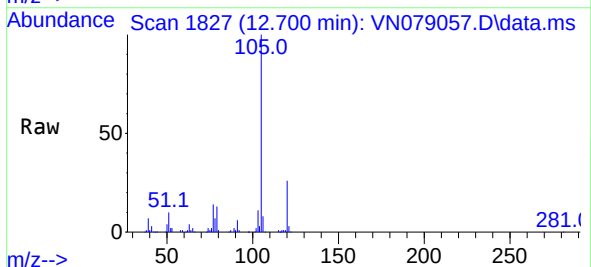
RT: 12.700 min Scan# 1827

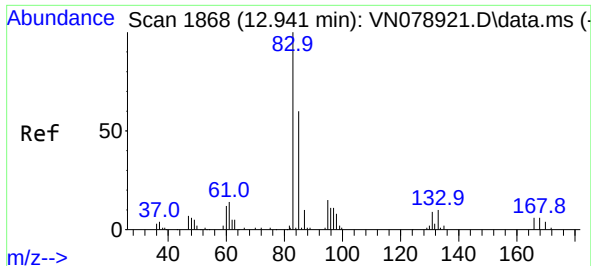
Delta R.T. 0.000 min

Lab File: VN079057.D

Acq: 28 Aug 2023 10:35

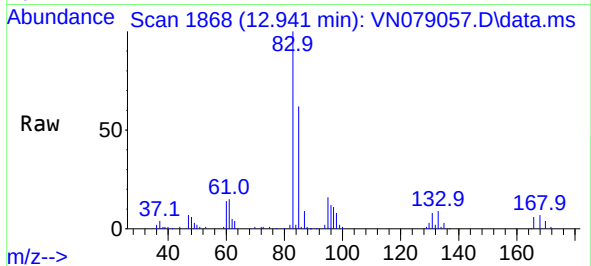
Tgt Ion:105 Resp: 268886
Ion Ratio Lower Upper
105 100
120 27.0 19.1 35.5





#71
1,1,2,2-Tetrachloroethane
Concen: 19.009 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

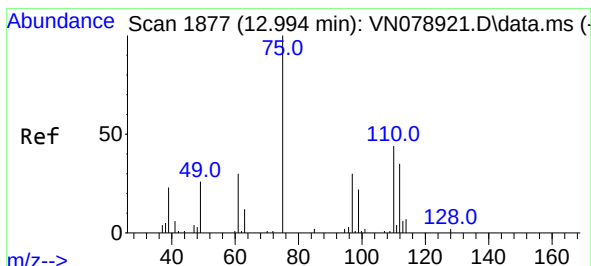
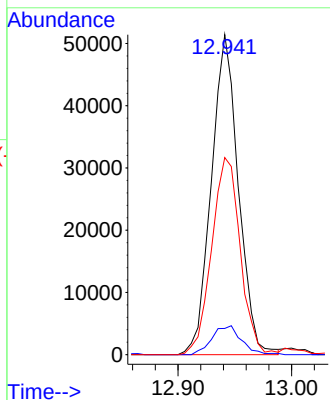
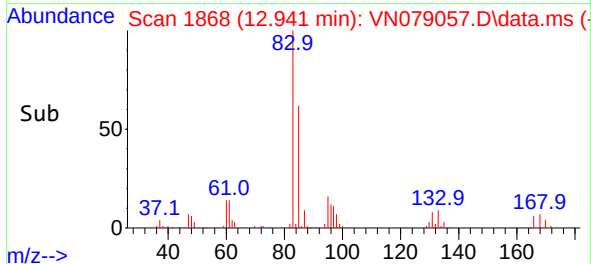
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



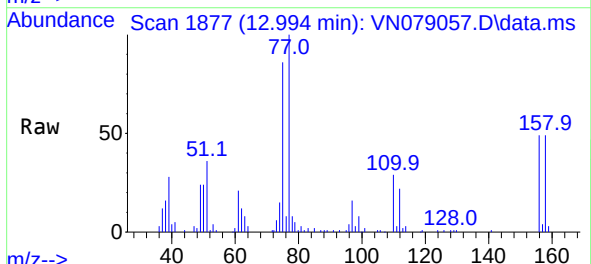
Tgt Ion: 83 Resp: 85168
Ion Ratio Lower Upper
83 100
131 9.7 4.7 14.0
85 64.6 31.9 95.7

Manual Integrations
APPROVED

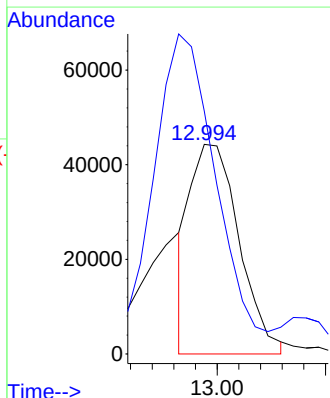
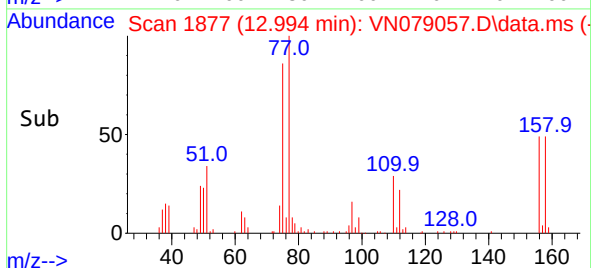
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

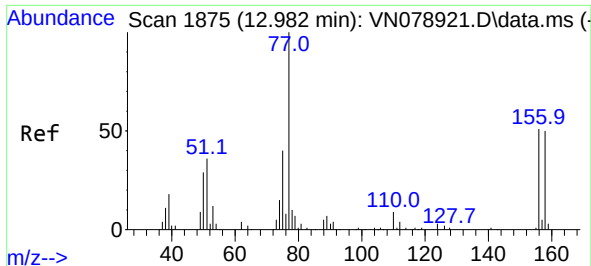


#72
1,2,3-Trichloropropane
Concen: 18.913 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35



Tgt Ion: 75 Resp: 69519
Ion Ratio Lower Upper
75 100
77 198.4 0.0 367.4





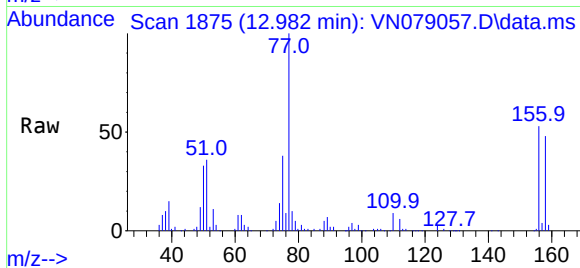
#73
Bromobenzene
Concen: 20.533 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

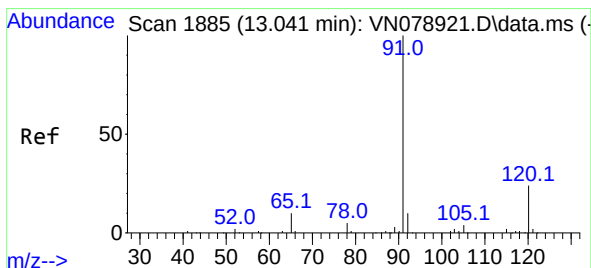
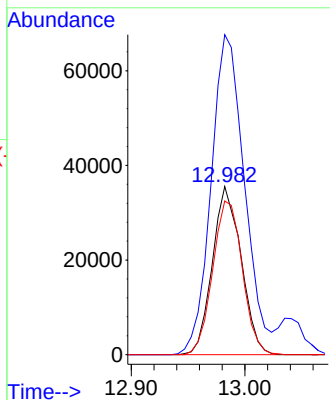
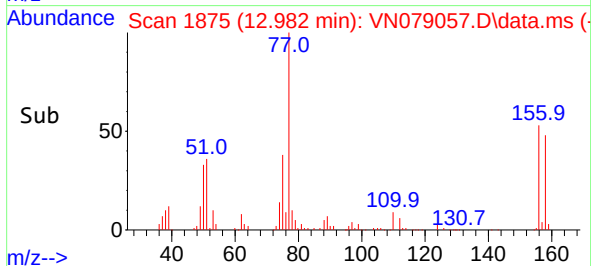


Tgt Ion:156 Resp: 62478
Ion Ratio Lower Upper
156 100
77 220.8 0.0 431.0
158 94.2 0.0 196.8

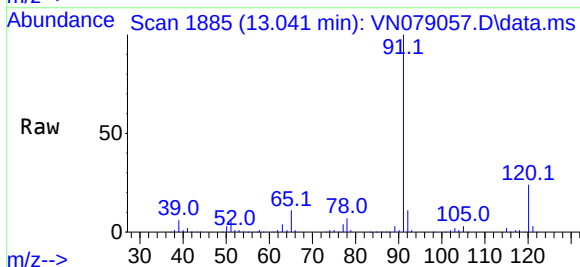
Manual Integrations

APPROVED

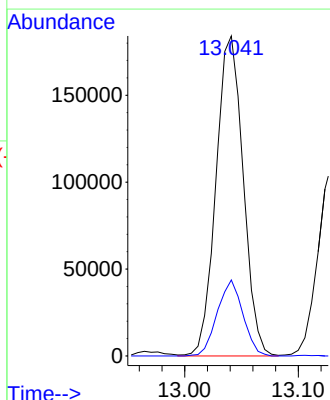
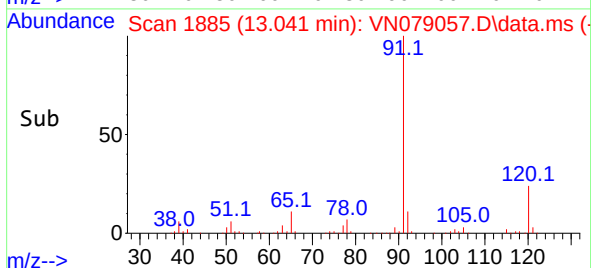
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

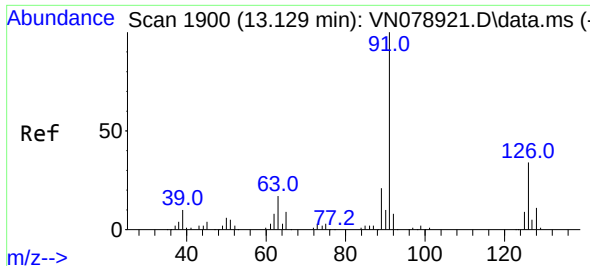


#74
n-propylbenzene
Concen: 22.605 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35



Tgt Ion: 91 Resp: 306194
Ion Ratio Lower Upper
91 100
120 22.4 0.0 44.4





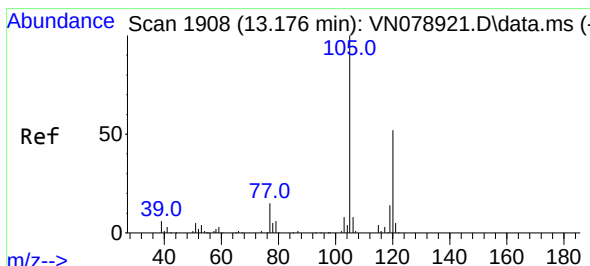
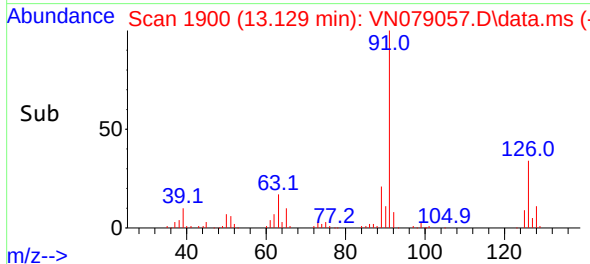
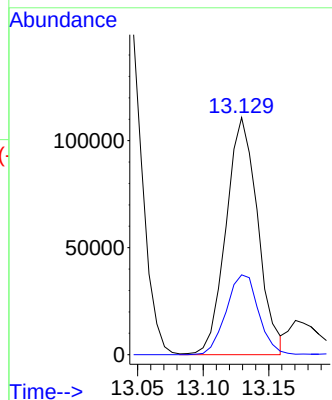
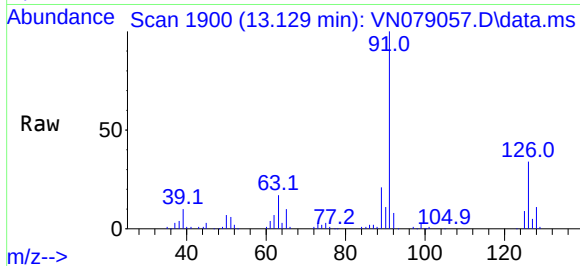
#75
2-Chlorotoluene
Concen: 21.727 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 186700
Ion Ratio Lower Upper
91 100
126 34.3 0.0 67.2

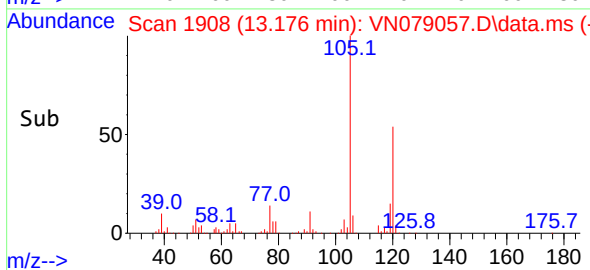
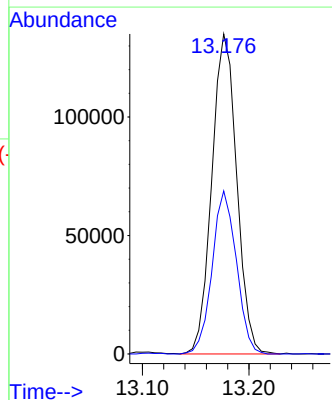
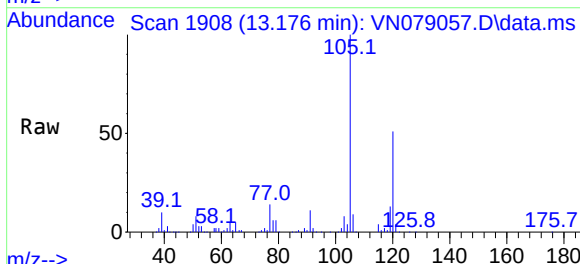
Manual Integrations
APPROVED

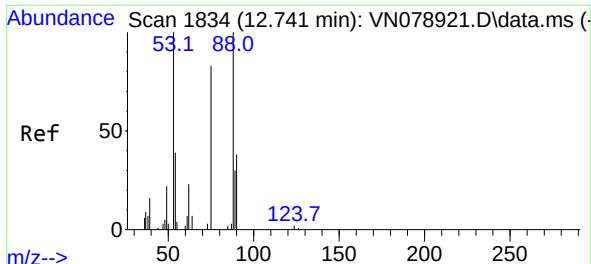
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#76
1,3,5-Trimethylbenzene
Concen: 23.148 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

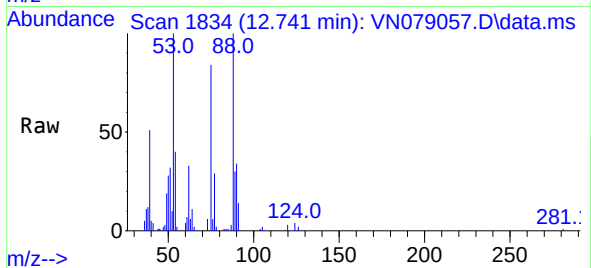
Tgt Ion:105 Resp: 219322
Ion Ratio Lower Upper
105 100
120 49.6 0.0 98.8





#77
t-1,4-Dichloro-2-butene
Concen: 18.861 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

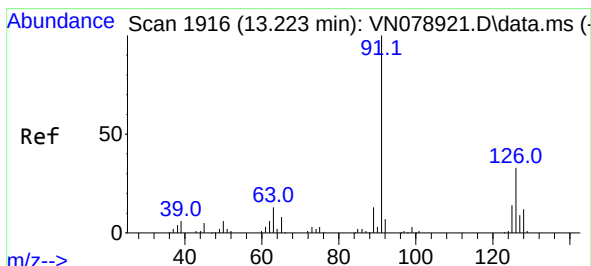
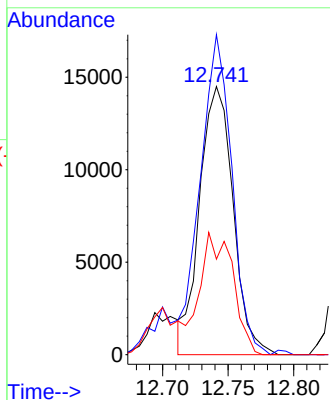
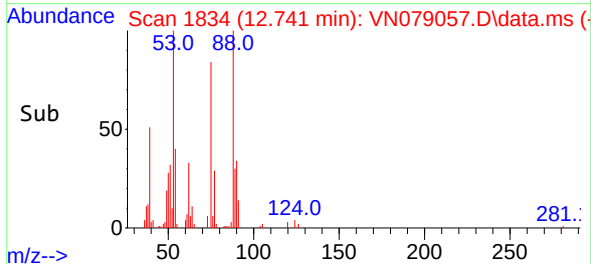
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



Tgt Ion: 75 Resp: 2576
Ion Ratio Lower Upper
75 100
53 117.7 60.1 180.3
89 35.6 22.9 68.8

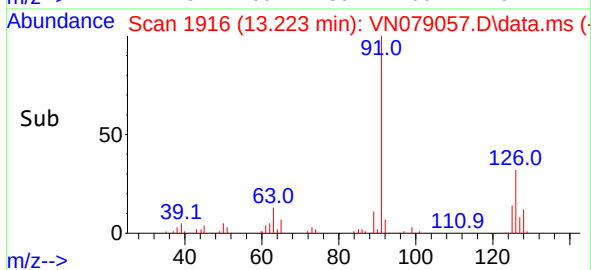
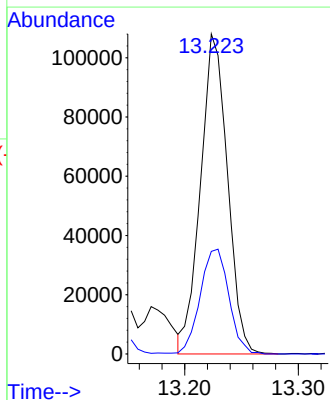
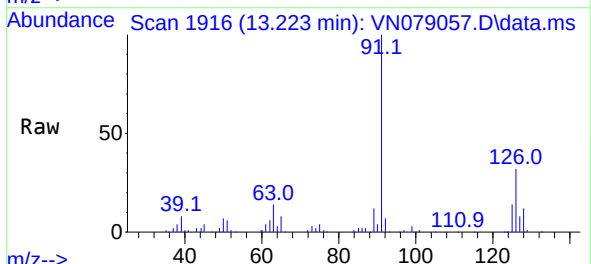
Manual Integrations
APPROVED

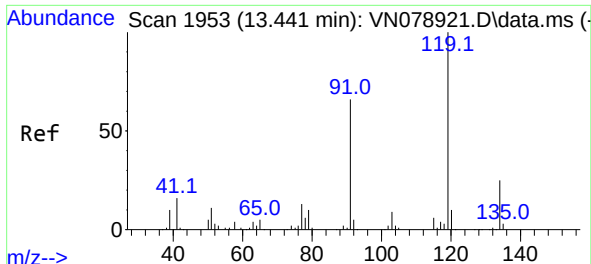
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#78
4-Chlorotoluene
Concen: 21.629 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Tgt Ion: 91 Resp: 178062
Ion Ratio Lower Upper
91 100
126 34.8 0.0 67.4





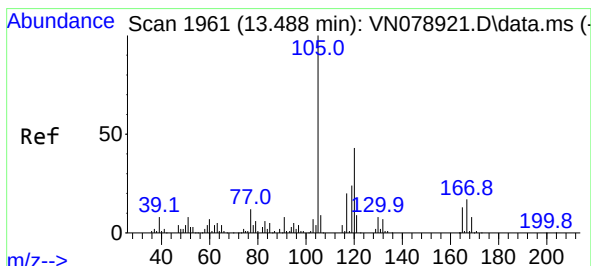
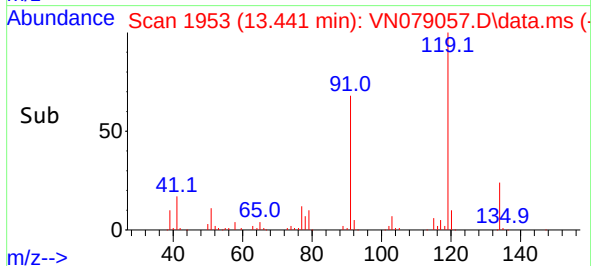
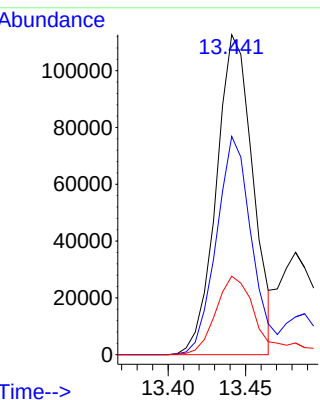
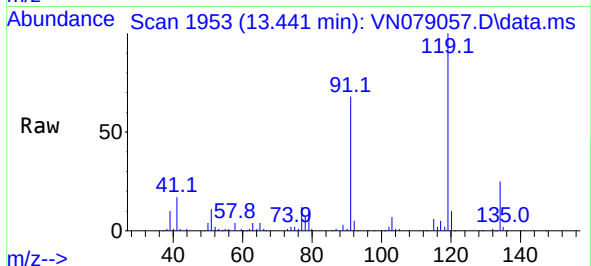
#79
tert-butylbenzene
Concen: 23.053 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:119 Resp: 18457
Ion Ratio Lower Upper
119 100
91 65.9 0.0 135.6
134 26.1 0.0 51.4

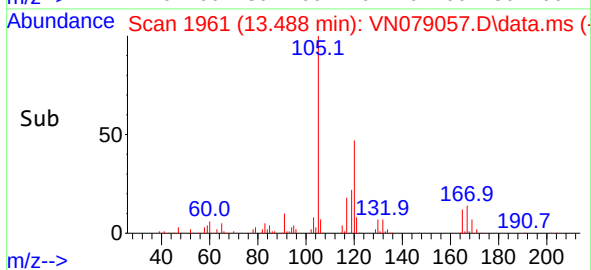
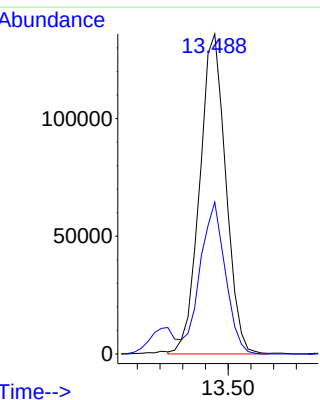
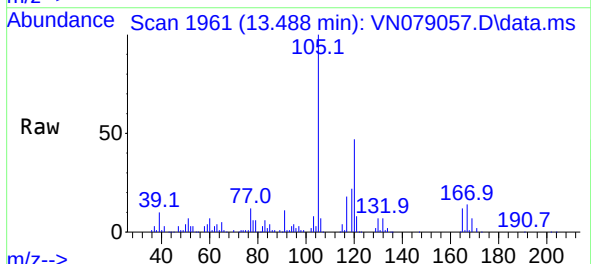
Manual Integrations
APPROVED

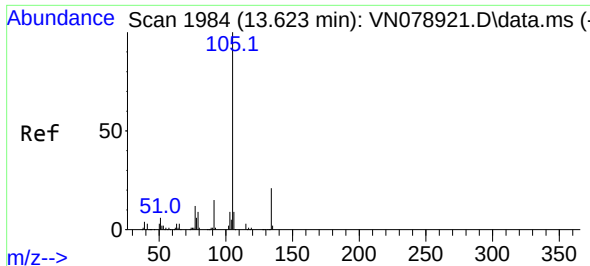
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#80
1,2,4-Trimethylbenzene
Concen: 23.314 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Tgt Ion:105 Resp: 217197
Ion Ratio Lower Upper
105 100
120 45.5 0.0 91.6





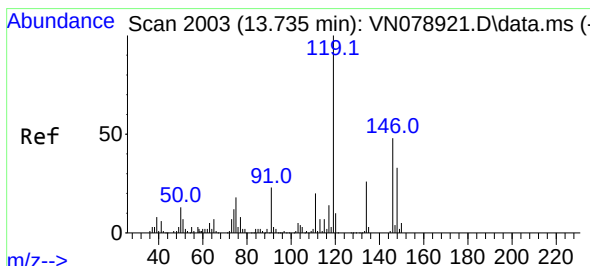
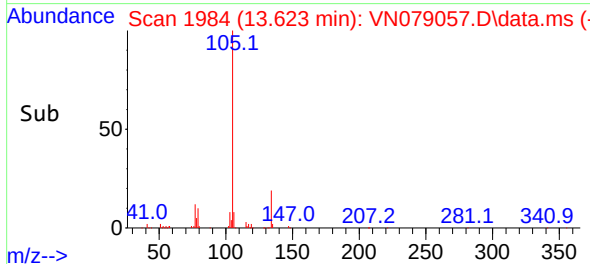
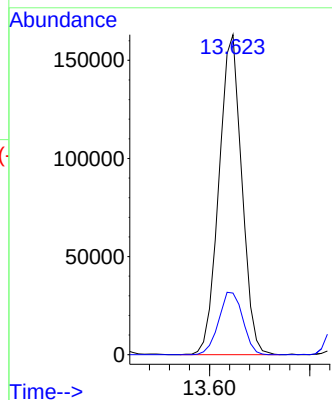
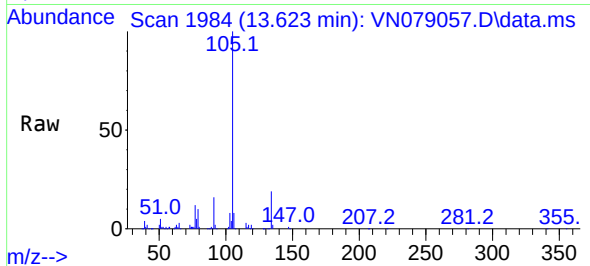
#81
 sec-Butylbenzene
 Concen: 24.374 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079057.D
 Acq: 28 Aug 2023 10:35

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Tgt Ion:105 Resp: 25754
 Ion Ratio Lower Upper
 105 100
 134 20.6 0.0 41.6

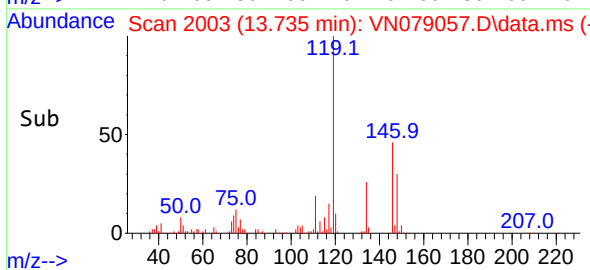
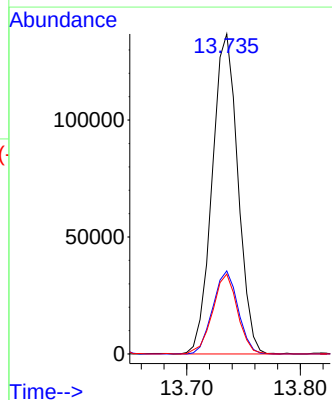
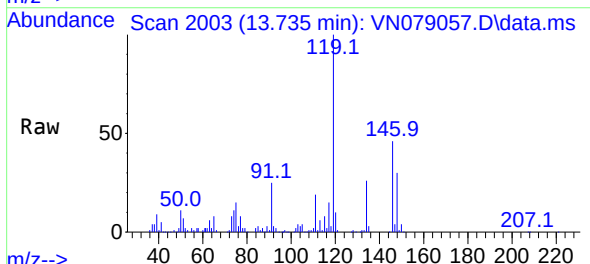
Manual Integrations
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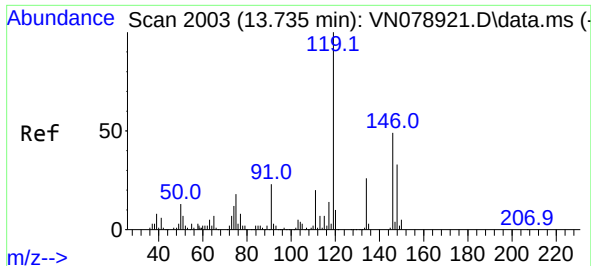
Reviewed By :John Carlone 08/29/2023
 Supervised By :Semsettin Yesilyurt 08/29/2023



#82
 p-Isopropyltoluene
 Concen: 24.956 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079057.D
 Acq: 28 Aug 2023 10:35

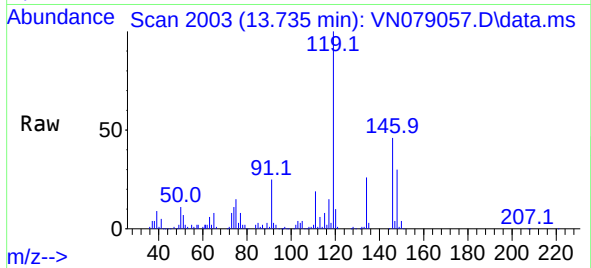
Tgt Ion:119 Resp: 215293
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 52.4
 91 24.2 0.0 47.4





#83
1,3-Dichlorobenzene
Concen: 22.134 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

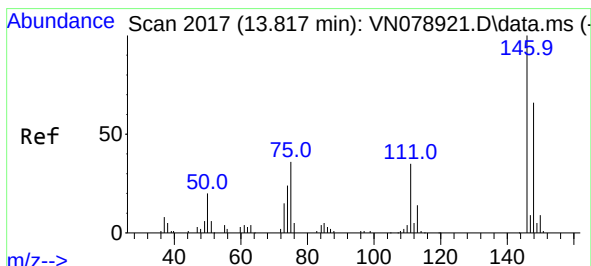
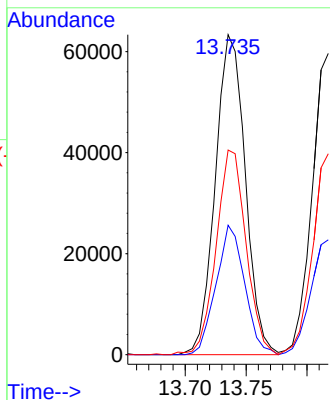
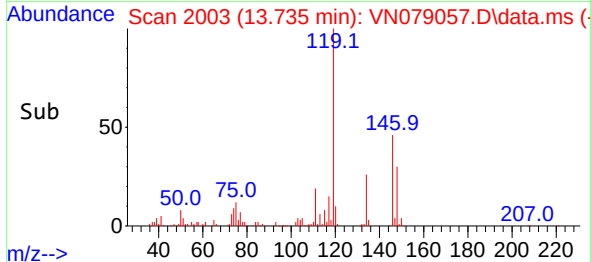
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



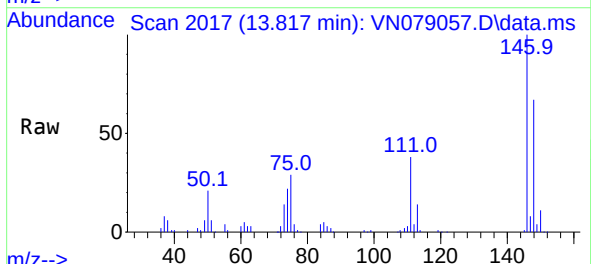
Tgt Ion:146 Resp: 10869
Ion Ratio Lower Upper
146 100
111 38.6 21.2 63.6
148 63.5 33.1 99.5

Manual Integrations
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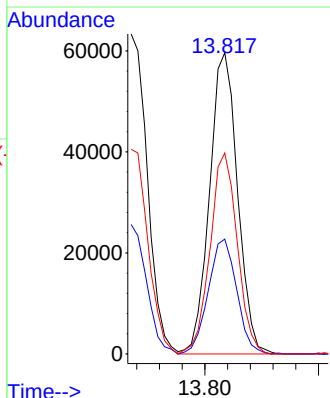
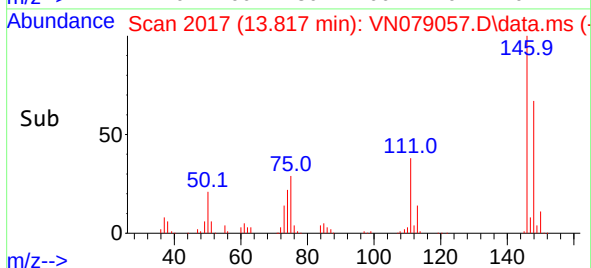
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

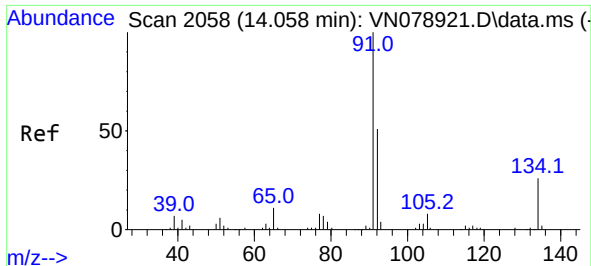


#84
1,4-Dichlorobenzene
Concen: 21.178 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35



Tgt Ion:146 Resp: 102103
Ion Ratio Lower Upper
146 100
111 38.7 18.6 56.0
148 64.9 32.0 96.2





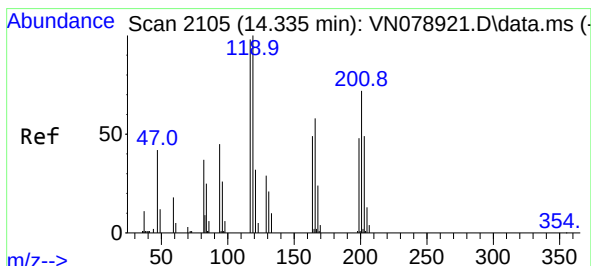
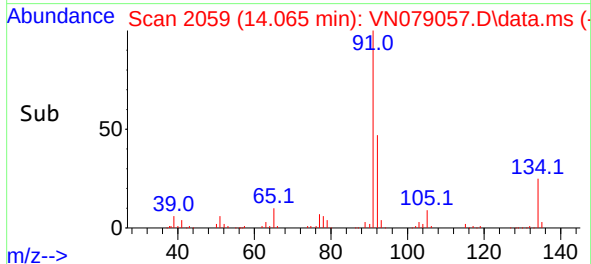
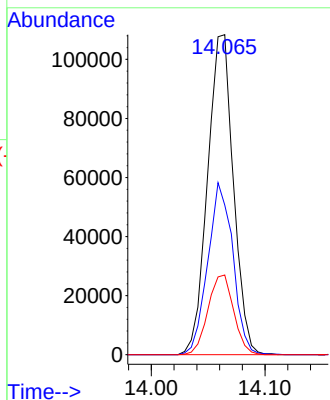
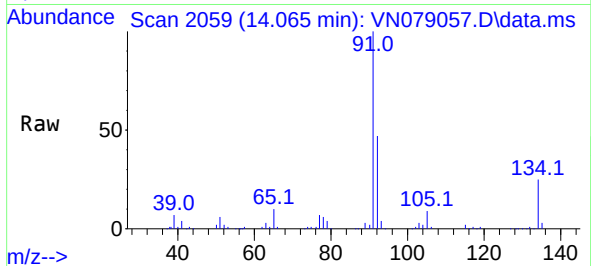
#85
n-Butylbenzene
Concen: 25.259 ug/l
RT: 14.065 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion: 91 Resp: 17138
Ion Ratio Lower Upper
91 100
92 52.1 0.0 102.8
134 24.7 0.0 48.6

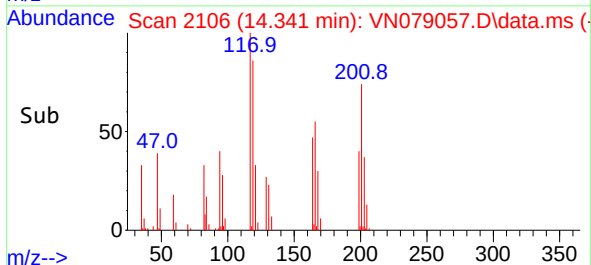
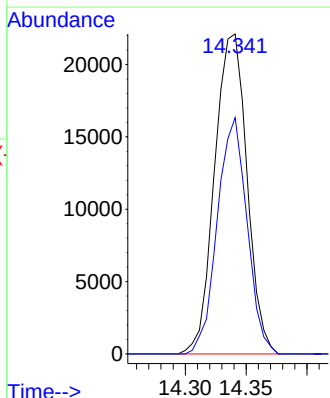
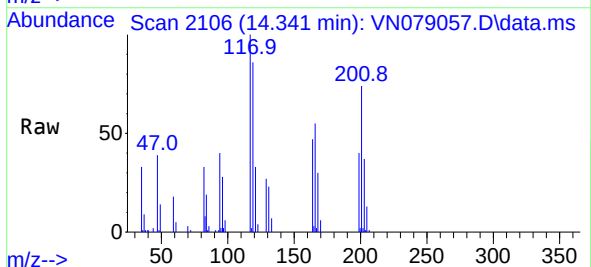
Manual Integrations
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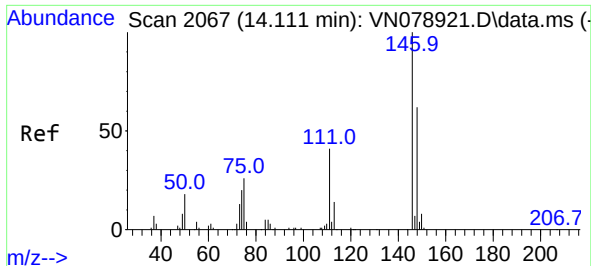
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#86
Hexachloroethane
Concen: 23.166 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

Tgt Ion:117 Resp: 40891
Ion Ratio Lower Upper
117 100
201 67.9 36.6 109.8





#87

1,2-Dichlorobenzene

Concen: 20.789 ug/l

RT: 14.112 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN079057.D

Acq: 28 Aug 2023 10:35

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:146 Resp: 104560

Ion Ratio Lower Upper

146 100

111 43.5 20.3 60.8

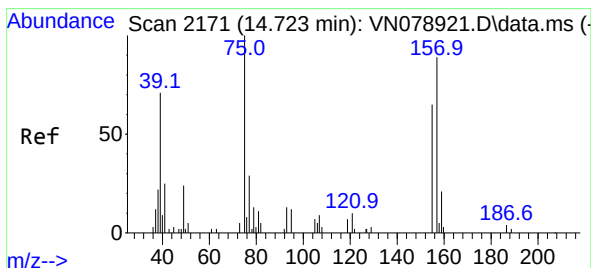
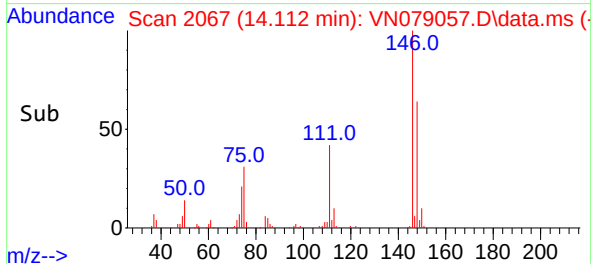
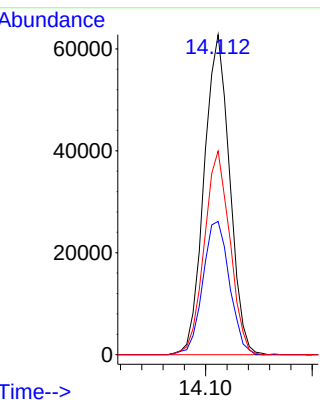
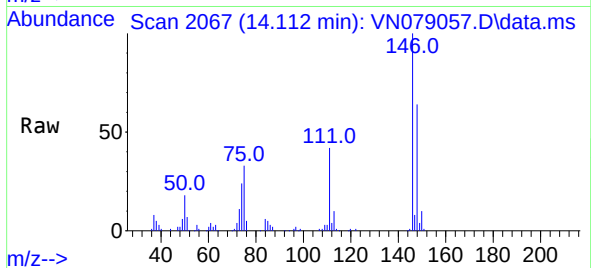
148 63.7 32.0 96.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/29/2023

Supervised By :Semsettin Yesilyurt 08/29/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.517 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN079057.D

Acq: 28 Aug 2023 10:35

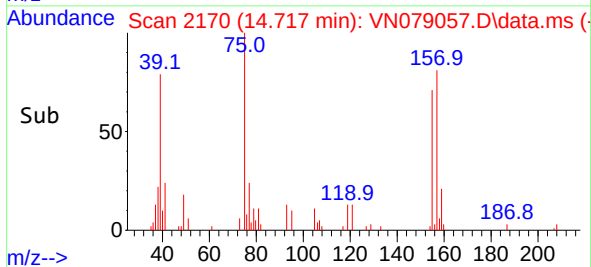
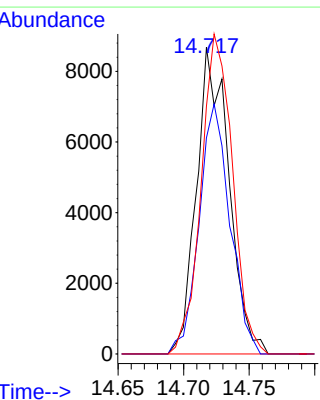
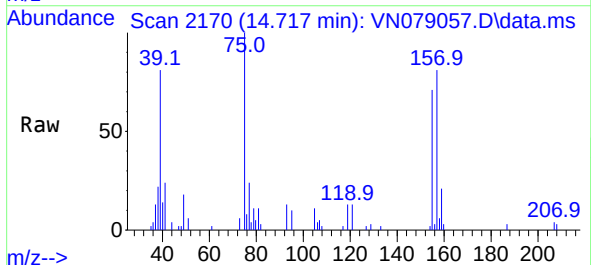
Tgt Ion: 75 Resp: 14891

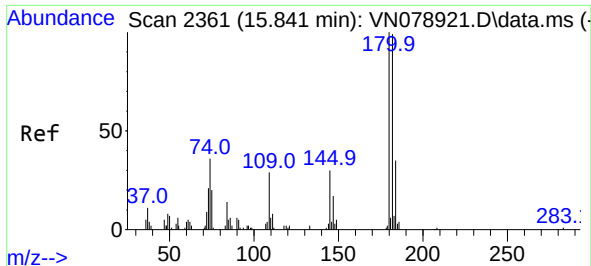
Ion Ratio Lower Upper

75 100

155 78.0 61.1 91.7

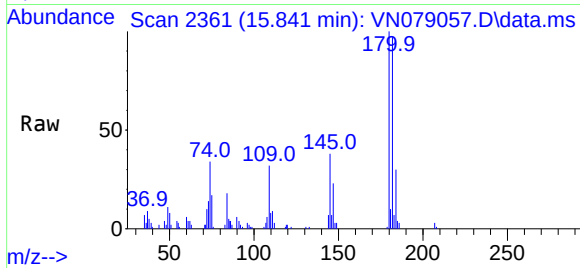
157 101.0 79.8 119.6





#89
1,2,4-Trichlorobenzene
Concen: 21.665 ug/l
RT: 15.841 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

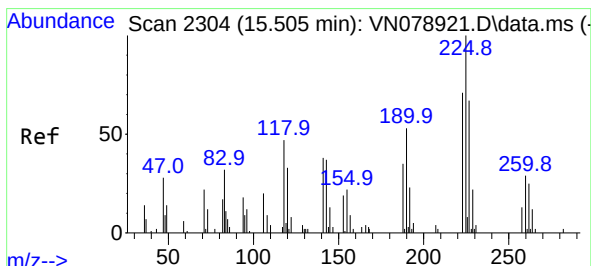
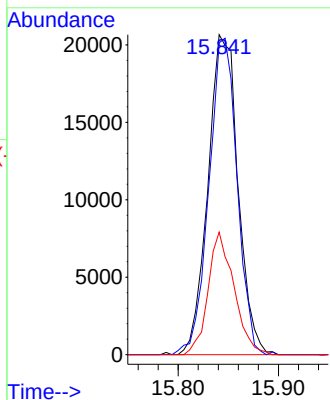
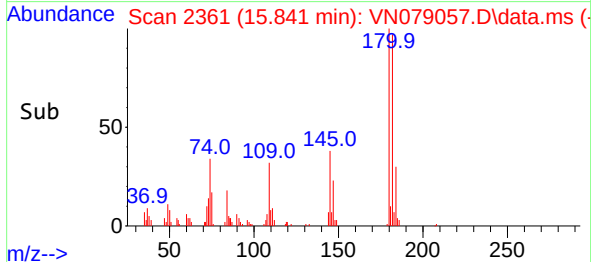
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



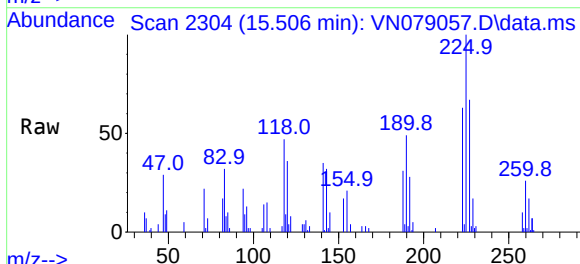
Tgt Ion:180 Resp: 43034
Ion Ratio Lower Upper
180 100
182 92.7 76.1 114.1
145 33.1 26.5 39.7

Manual Integrations
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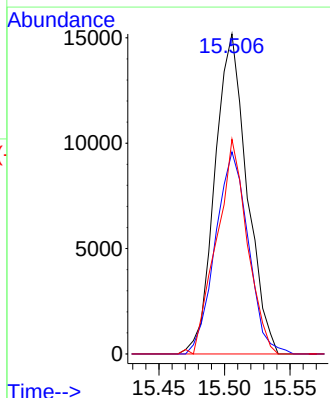
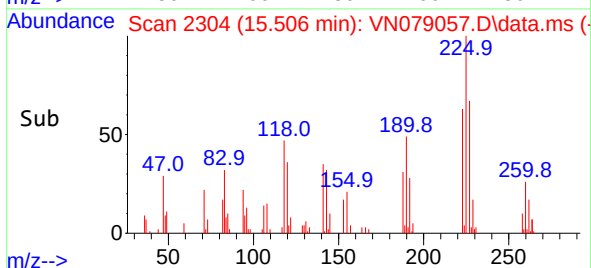
Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023

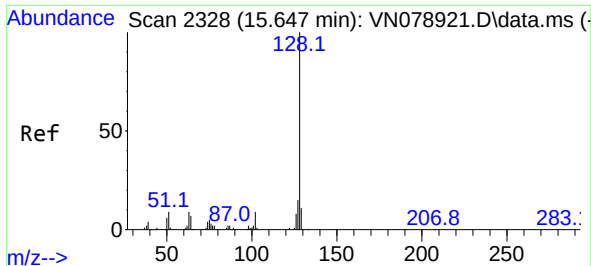


#90
Hexachlorobutadiene
Concen: 25.014 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35



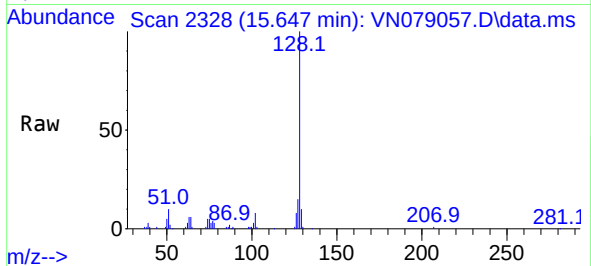
Tgt Ion:225 Resp: 25868
Ion Ratio Lower Upper
225 100
223 64.8 0.0 124.0
227 63.6 0.0 117.4





#91
Naphthalene
Concen: 19.399 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35

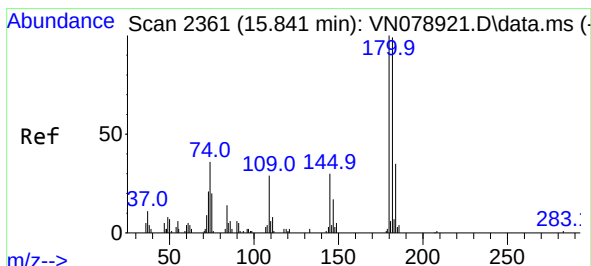
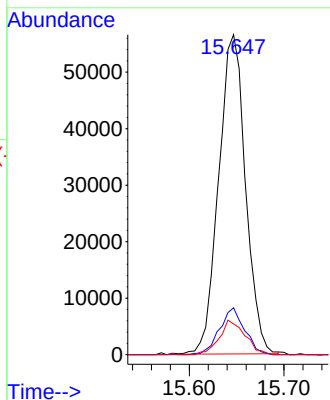
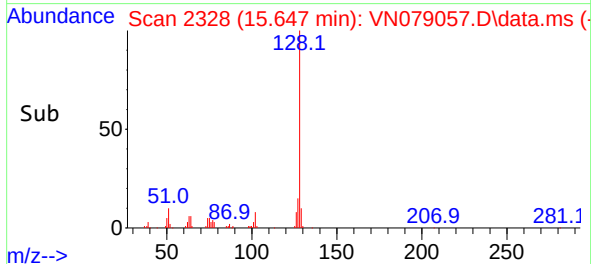
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



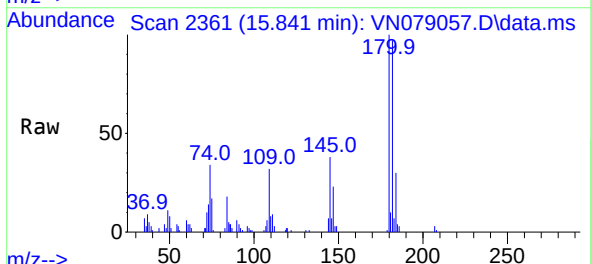
Tgt Ion:128 Resp: 111139
Ion Ratio Lower Upper
128 100
127 13.8 11.1 16.7
129 10.4 8.6 13.0

Manual Integrations
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Reviewed By :John Carlone 08/29/2023
Supervised By :Semsettin Yesilyurt 08/29/2023



#92
1,2,3-Trichlorobenzene
Concen: 21.665 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN079057.D
Acq: 28 Aug 2023 10:35



Tgt Ion:180 Resp: 43034
Ion Ratio Lower Upper
180 100
182 92.7 0.0 190.2
145 33.1 0.0 66.2

