

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102023\
 Data File : VN079621.D
 Acq On : 20 Oct 2023 12:05
 Operator : JC\MD
 Sample : VN1020WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1020WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/23/2023
 Supervised By : Semsettin Yesilyurt 10/24/2023

Quant Time: Oct 20 23:47:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N101723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 18 02:19:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	20006	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	9.106	114	141141	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.870	117	171736	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	84425	29.681	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	98.933%		
60) 4-Bromofluorobenzene	12.853	95	96947	30.869	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	102.900%		
63) Toluene-d8	10.571	98	223617	30.387	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	101.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	55581	19.158	ug/l	92
3) Chloromethane	2.365	50	69242	18.414	ug/l	99
4) Vinyl Chloride	2.518	62	73786	18.182	ug/l	100
5) Bromomethane	2.959	94	45933	18.254	ug/l	95
6) Chloroethane	3.124	64	53297	18.659	ug/l	95
7) Trichlorofluoromethane	3.500	101	110328	22.279	ug/l	95
8) Diethyl Ether	3.965	74	36081	20.103	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	55830	19.705	ug/l	97
10) 1,1-Dichloroethene	4.347	96	50288	18.655	ug/l	93
11) Methyl Iodide	4.594	142	57089	19.128	ug/l	90
12) Methyl Acetate	5.024	43	130456	20.075	ug/l	97
13) Acrolein	4.183	56	53224	99.080	ug/l	98
14) Acrylonitrile	5.724	53	158797	102.041	ug/l	100
15) Acetone	4.430	58	48742	98.872	ug/l	92
16) Carbon Disulfide	4.712	76	148154	18.024	ug/l	97
17) Allyl chloride	5.030	41	77400	18.623	ug/l	99
18) Methylene Chloride	5.283	84	65861	19.850	ug/l	92
19) trans-1,2-Dichloroethene	5.794	96	58454	19.383	ug/l	91
20) Diisopropyl ether	6.677	45	204160	20.717	ug/l	96
21) 1,1-Dichloroethane	6.571	63	116119	19.391	ug/l	97
22) cis-1,2-Dichloroethene	7.488	96	68507	19.723	ug/l	95
23) tert-Butyl Alcohol	5.524	59	47875	91.999	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	178750	19.763	ug/l	99
25) Chloroform	7.971	83	121495	20.079	ug/l	90
26) Cyclohexane	8.259	56	84787	18.730	ug/l #	99
29) 1,1-Dichloropropene	8.377	75	85444	20.716	ug/l	98
30) 2-Butanone	7.488	43	217429	105.164	ug/l	99
31) 2,2-Dichloropropane	7.500	77	94057	20.225	ug/l	100
32) 1,1,1-Trichloroethane	8.171	97	99530	20.302	ug/l	99
33) Carbon Tetrachloride	8.371	117	85410	20.485	ug/l	99
34) Benzene	8.612	78	259727	20.726	ug/l	99
35) Methacrylonitrile	7.782	41	46265	21.272	ug/l	94
36) 1,2-Dichloroethane	8.677	62	98331	21.976	ug/l	99
37) Trichloroethene	9.359	130	59668	20.370	ug/l	98
38) Methylcyclohexane	9.606	83	74554	18.774	ug/l	98
39) 1,2-Dichloropropane	9.624	63	69778	21.100	ug/l	97
40) Dibromomethane	9.712	93	49017	22.585	ug/l	96
41) Bromodichloromethane	9.888	83	96306	21.412	ug/l	100
42) Vinyl Acetate	6.612	43	556601	106.126	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	79438	20.433	ug/l	98
44) Isopropyl Acetate	8.694	43	139686	20.212	ug/l	97
45) 1,4-Dioxane	9.700	88	21357	394.786	ug/l	94
46) Methyl methacrylate	9.688	41	63984	20.869	ug/l	95
47) n-amyl Acetate	12.500	43	100736	20.196	ug/l	99
48) t-1,3-Dichloropropene	10.841	75	94949	20.882	ug/l	96
49) cis-1,3-Dichloropropene	10.318	75	102968	20.710	ug/l	96
50) 1,1,2-Trichloroethane	11.023	97	67420	22.392	ug/l	98
51) Ethyl methacrylate	10.882	69	85836	20.663	ug/l	95
52) 1,3-Dichloropropane	11.165	76	112341	21.062	ug/l	100
53) Dibromochloromethane	11.365	129	66323	21.553	ug/l	99
54) 1,2-Dibromoethane	11.476	107	62807	21.145	ug/l	98
55) 2-Chloroethyl vinyl ether	10.165	63	152293	96.090	ug/l	99
56) Bromoform	12.582	173	43656	21.445	ug/l	99
58) 4-Methyl-2-Pentanone	10.447	43	435095	108.620	ug/l	99
59) 2-Hexanone	11.200	43	311093	105.861	ug/l	99
61) Tetrachloroethene	11.106	164	48934	20.753	ug/l	94
62) Toluene	10.635	91	276309	21.052	ug/l	99
64) Chlorobenzene	11.894	112	158409	20.810	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.965	131	62736	21.635	ug/l	98
66) Ethyl Benzene	11.970	91	279174	20.644	ug/l	99
67) m/p-Xylenes	12.076	106	212442	42.473	ug/l	94
68) o-Xylene	12.400	106	101142	21.152	ug/l	99
69) Styrene	12.418	104	164505	21.671	ug/l	97
70) Isopropylbenzene	12.700	105	252299	20.560	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	98050	22.472	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	83938m	21.184	ug/l	
73) Bromobenzene	12.988	156	61845	21.454	ug/l	98
74) n-propylbenzene	13.041	91	304687	21.327	ug/l	99
75) 2-Chlorotoluene	13.129	91	187640	21.127	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	215218	21.454	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	26531	21.939	ug/l	95
78) 4-Chlorotoluene	13.229	91	177620	21.167	ug/l	100
79) tert-butylbenzene	13.441	119	166062	20.589	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	207539	21.352	ug/l	100
81) sec-Butylbenzene	13.617	105	242306	21.400	ug/l	99
82) p-Isopropyltoluene	13.735	119	190302	21.188	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	100330	21.166	ug/l	99
84) 1,4-Dichlorobenzene	13.817	146	93985	20.682	ug/l	99
85) n-Butylbenzene	14.059	91	141491	20.163	ug/l	99
86) Hexachloroethane	14.335	117	38643	19.902	ug/l	96
87) 1,2-Dichlorobenzene	14.111	146	99475	21.113	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	13468	20.257	ug/l	99
89) 1,2,4-Trichlorobenzene	15.847	180	28915	17.412	ug/l	98
90) Hexachlorobutadiene	15.506	225	24278	20.639	ug/l	97
91) Naphthalene	15.647	128	60862	14.208	ug/l	100
92) 1,2,3-Trichlorobenzene	15.847	180	28915	17.412	ug/l	98

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

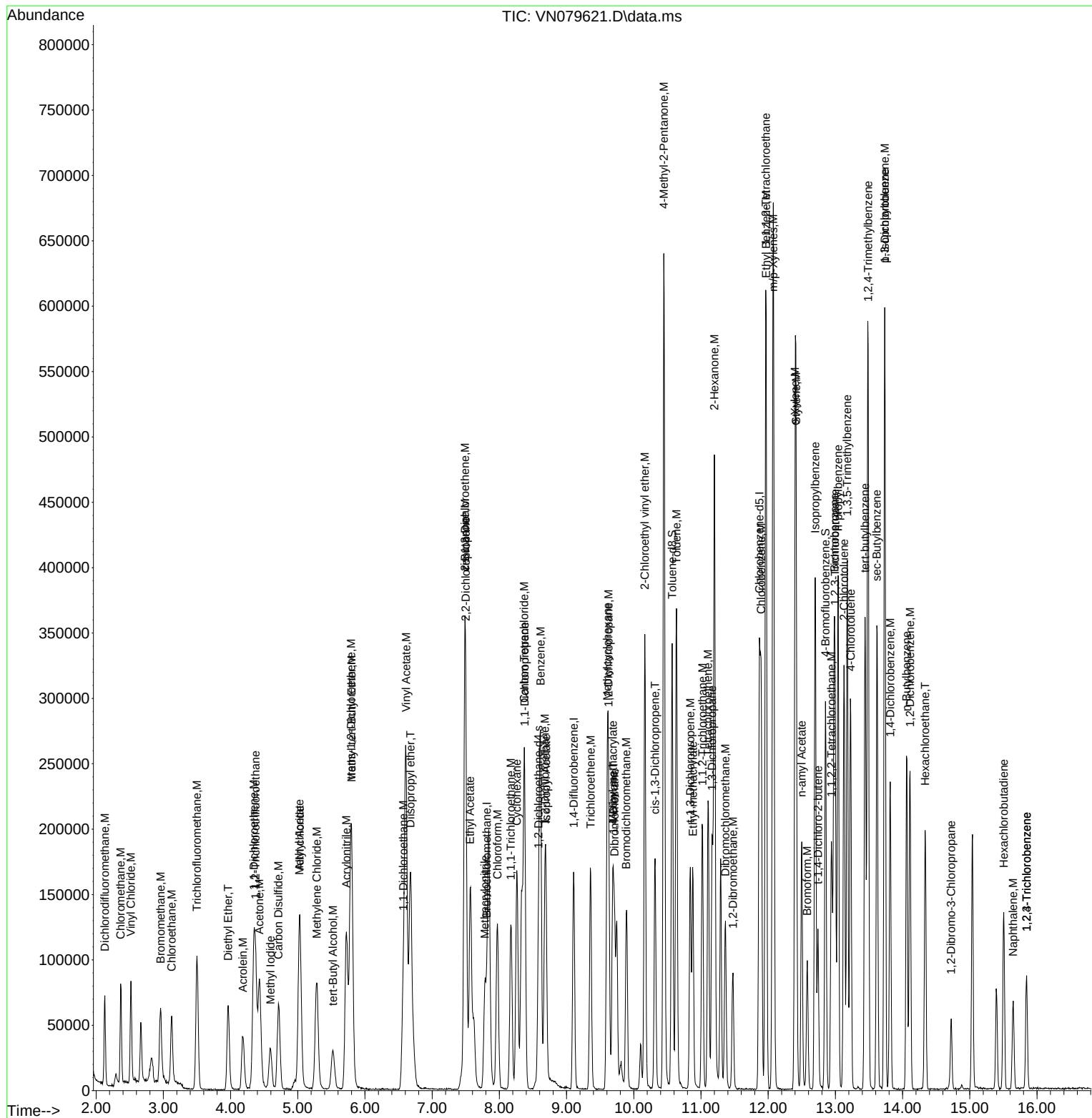
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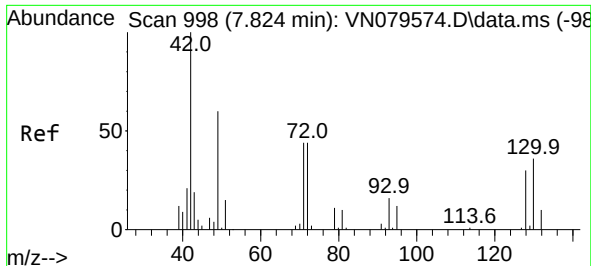
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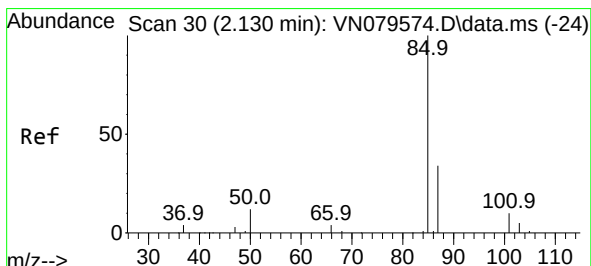
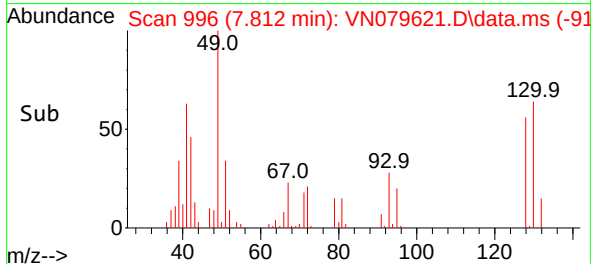
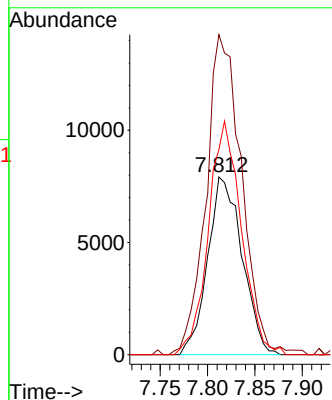
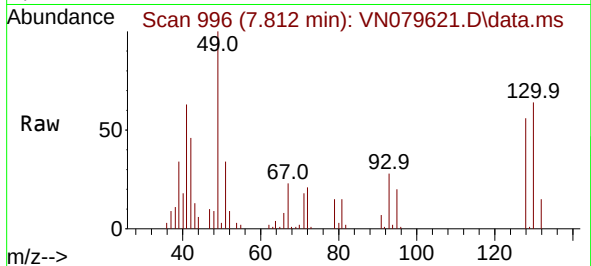
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBSD01

Tgt Ion:128 Resp: 2000
Ion Ratio Lower Upper
128 100
49 184.5 0.0 468.5
130 125.9 0.0 320.7

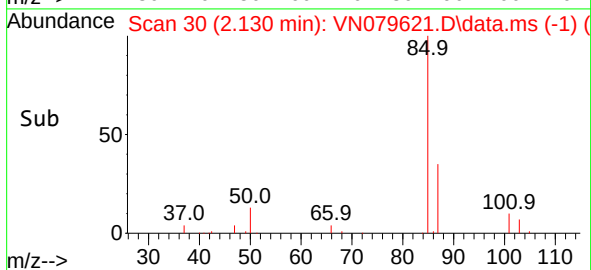
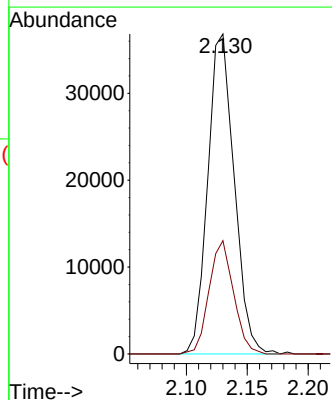
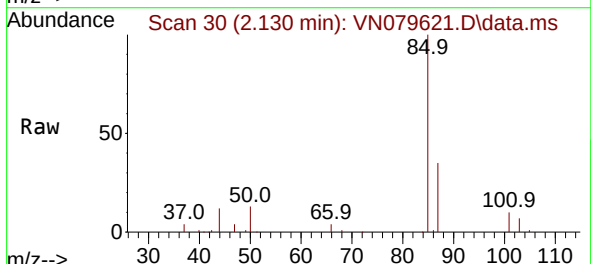
Manual Integrations
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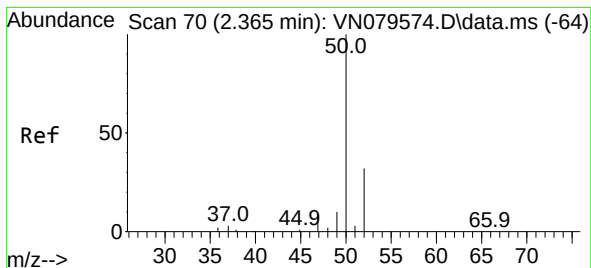
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#2
Dichlorodifluoromethane
Concen: 19.158 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

Tgt Ion: 85 Resp: 55581
Ion Ratio Lower Upper
85 100
87 35.4 15.6 46.7





#3

Chloromethane

Concen: 18.414 ug/l

RT: 2.365 min Scan# 70

Delta R.T. 0.000 min

Lab File: VN079621.D

Acq: 20 Oct 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN1020WBSD01

Tgt Ion: 50 Resp: 6924

Ion Ratio Lower Upper

50 100

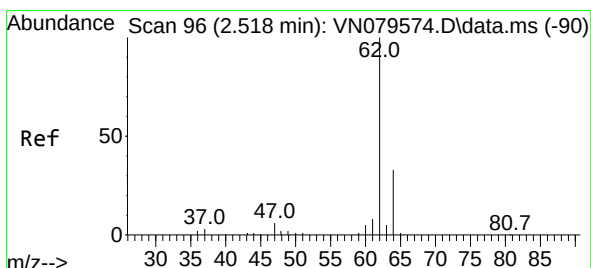
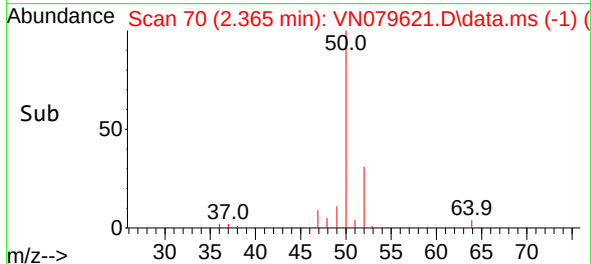
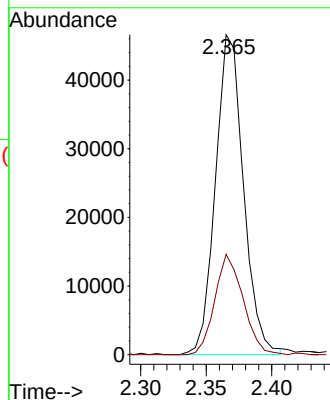
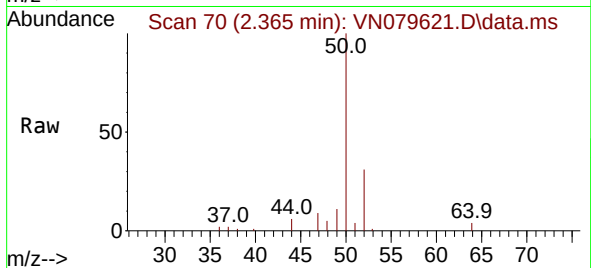
52 31.4 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/23/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#4

Vinyl Chloride

Concen: 18.182 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.000 min

Lab File: VN079621.D

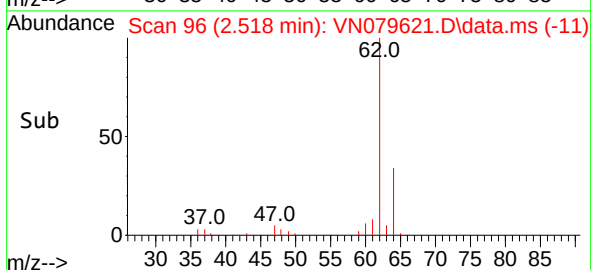
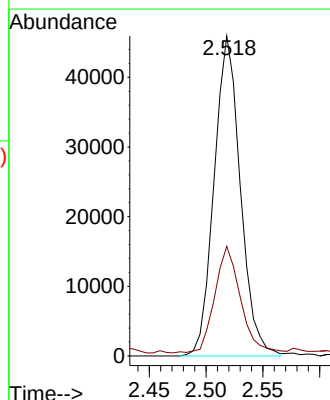
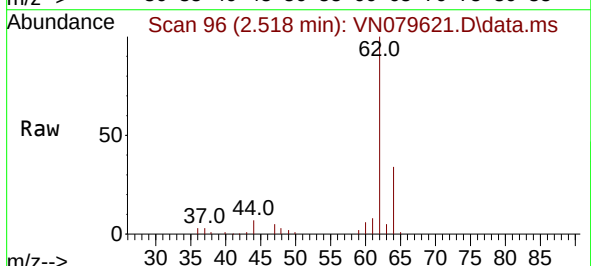
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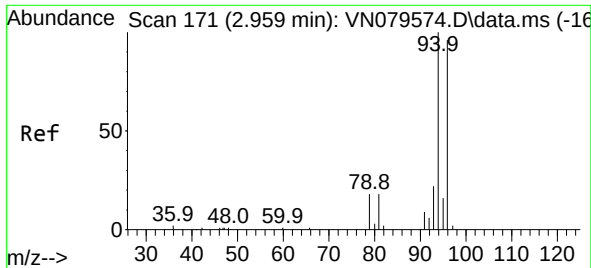
Tgt Ion: 62 Resp: 73786

Ion Ratio Lower Upper

62 100

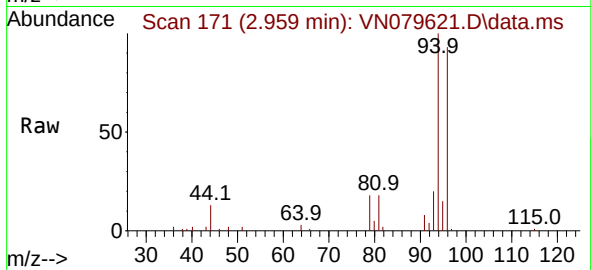
64 32.9 26.4 39.6





#5
Bromomethane
Concen: 18.254 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

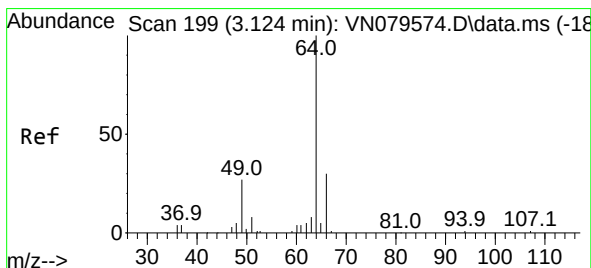
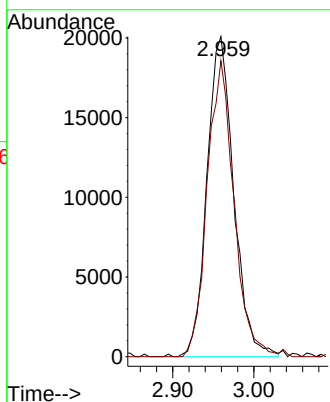
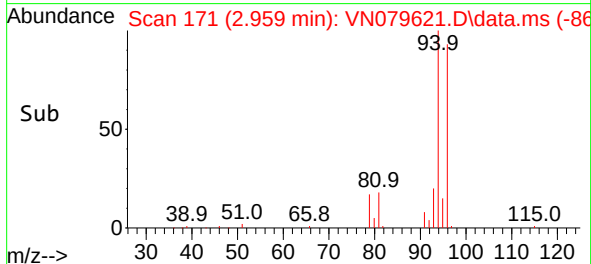
Instrument :
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VN1020WBSD01



Tgt Ion: 94 Resp: 4593
Ion Ratio Lower Upper
94 100
96 92.5 77.8 116.6

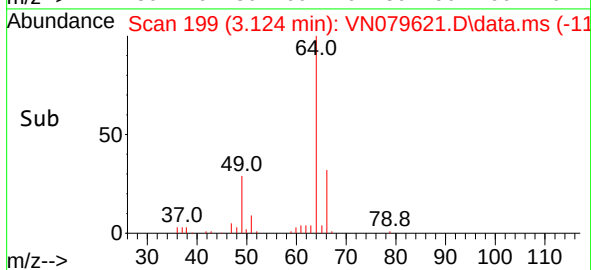
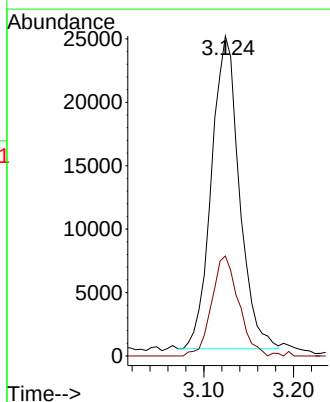
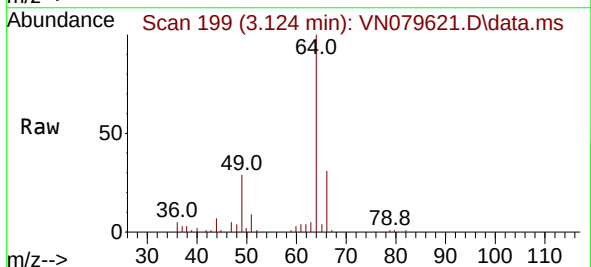
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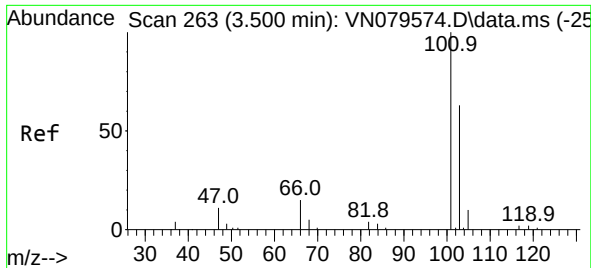
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#6
Chloroethane
Concen: 18.659 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN079621.D
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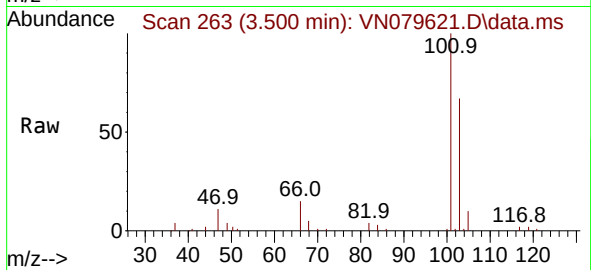
Tgt Ion: 64 Resp: 53297
Ion Ratio Lower Upper
64 100
66 32.0 23.3 34.9





#7
 Trichlorofluoromethane
 Concen: 22.279 ug/l
 RT: 3.500 min Scan# 263
 Delta R.T. 0.000 min
 Lab File: VN079621.D
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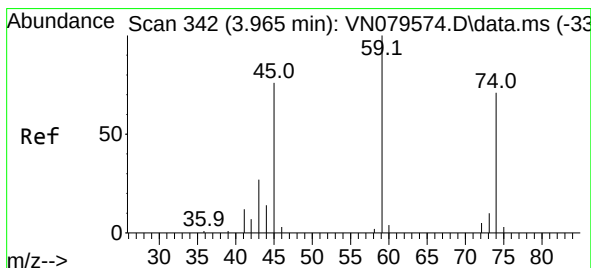
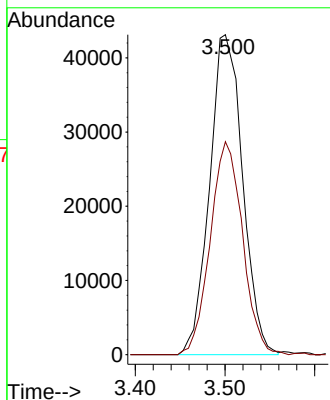
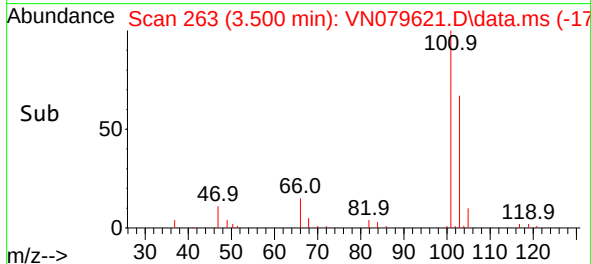
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Tgt Ion:101 Resp: 110328
 Ion Ratio Lower Upper
 101 100
 103 66.5 49.9 74.9

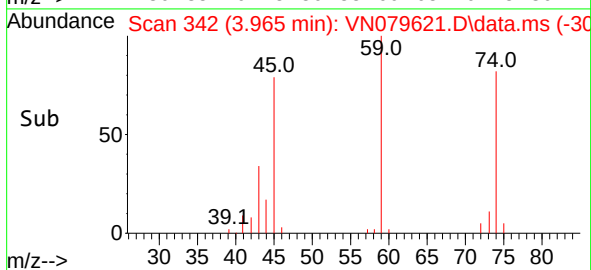
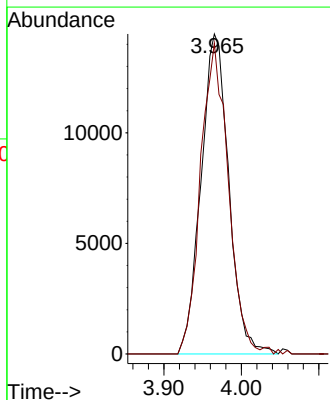
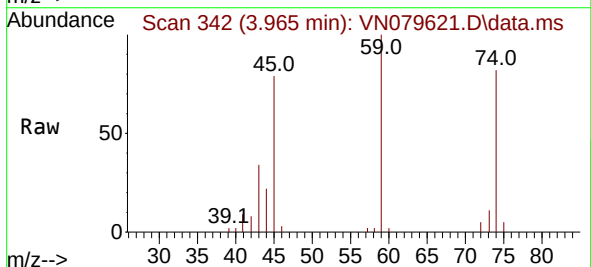
Manual Integrations
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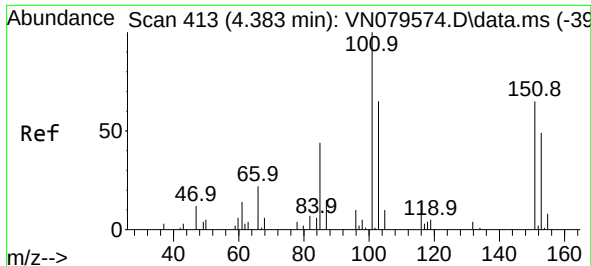
Reviewed By :John Carlone 10/23/2023
 Supervised By :Semsettin Yesilyurt 10/24/2023



#8
 Diethyl Ether
 Concen: 20.103 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.000 min
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Tgt Ion: 74 Resp: 36081
 Ion Ratio Lower Upper
 74 100
 45 96.4 19.0 171.0





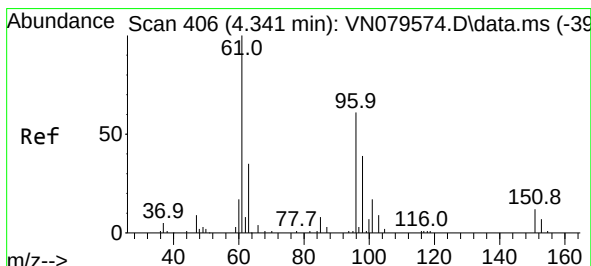
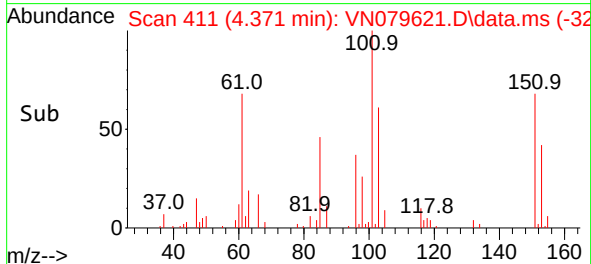
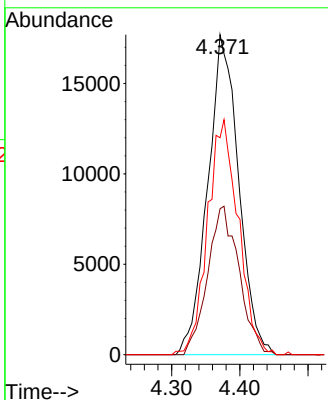
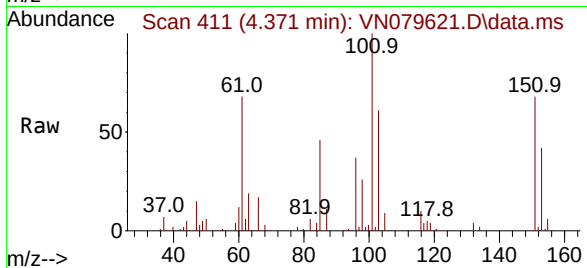
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 1,1,2-Trichlorotrifluoroethane
 Concen: 19.705 ug/l
 RT: 4.371 min Scan# 411
 Delta R.T. -0.012 min
 Lab File: VN079621.D
 Acq: 20 Oct 2023 12:05

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 ClientSampleId :
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Tgt Ion:101 Resp: 55830
 Ion Ratio Lower Upper
 101 100
 85 47.0 0.0 92.0
 151 72.9 0.0 138.4

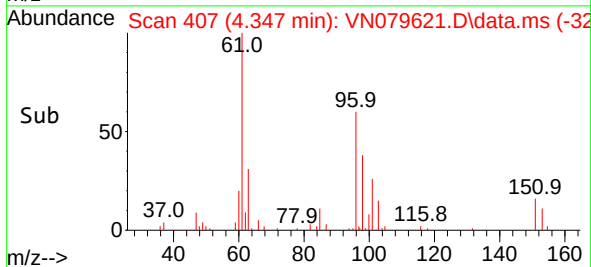
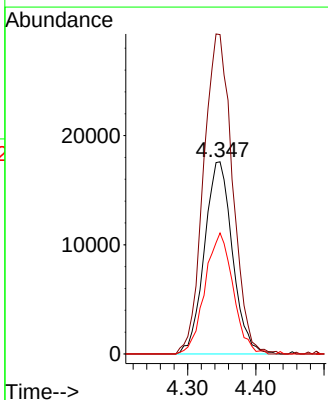
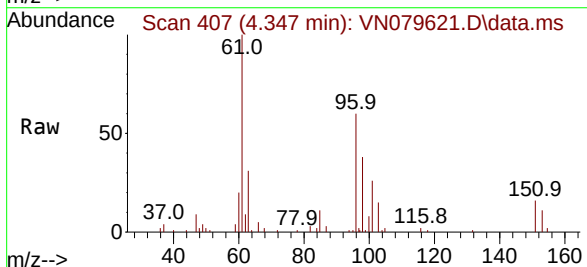
Manual Integrations
 APPROVED

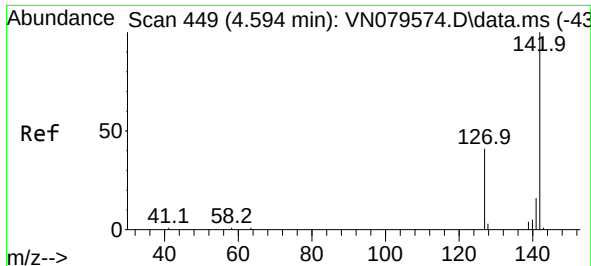
Reviewed By :John Carlone 10/23/2023
 Supervised By :Semsettin Yesilyurt 10/24/2023



#10
 1,1-Dichloroethene
 Concen: 18.655 ug/l
 RT: 4.347 min Scan# 407
 Delta R.T. 0.006 min
 Lab File: VN079621.D
 Acq: 20 Oct 2023 12:05

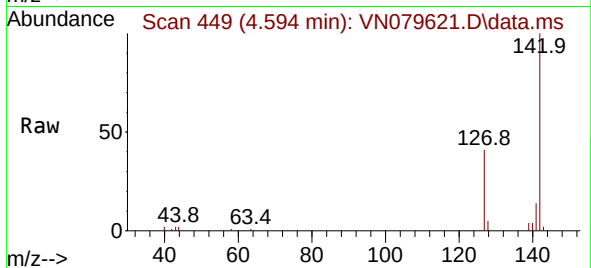
Tgt Ion: 96 Resp: 50288
 Ion Ratio Lower Upper
 96 100
 61 166.3 141.3 211.9
 98 63.0 53.2 79.8





#11
Methyl Iodide
Concen: 19.128 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

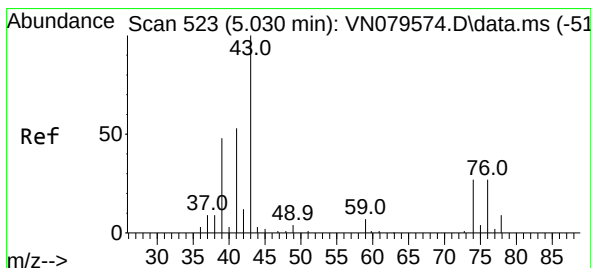
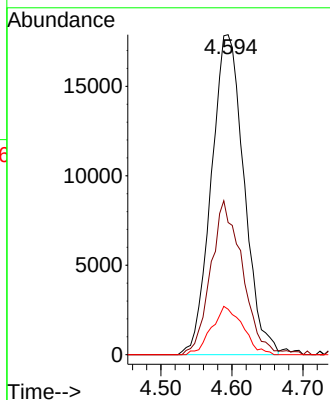
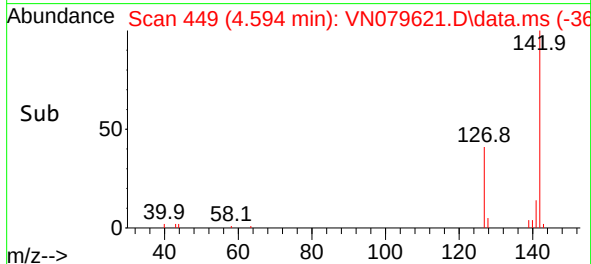
Instrument :
MSVOA_N
Client Sample Id :
VN1020WBSD01



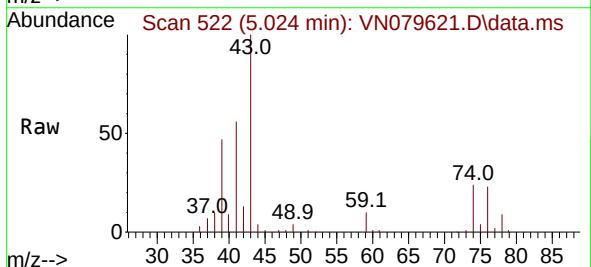
Tgt Ion:142 Resp: 57089
Ion Ratio Lower Upper
142 100
127 40.9 24.6 73.8
141 14.3 7.7 23.1

Manual Integrations
APPROVED

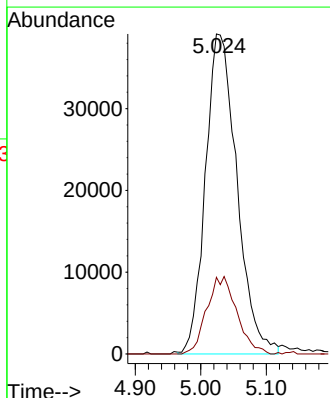
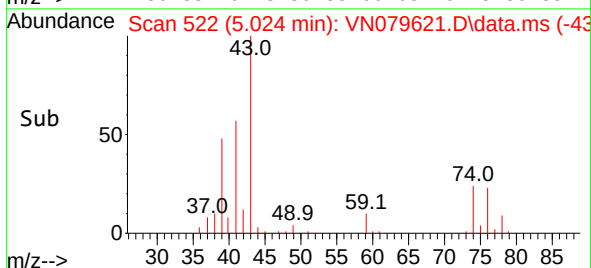
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

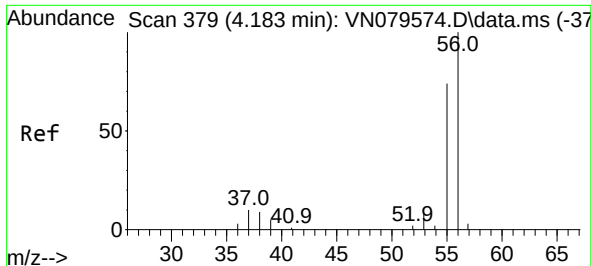


#12
Methyl Acetate
Concen: 20.075 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05



Tgt Ion: 43 Resp: 130456
Ion Ratio Lower Upper
43 100
74 24.1 18.1 27.1





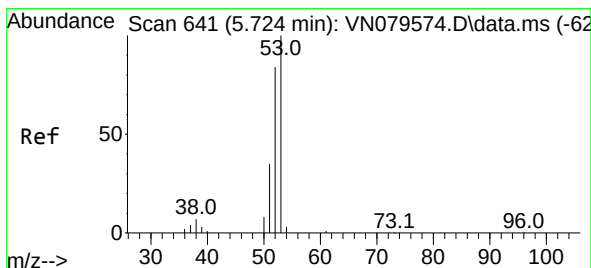
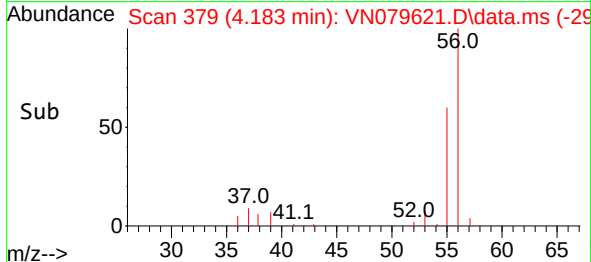
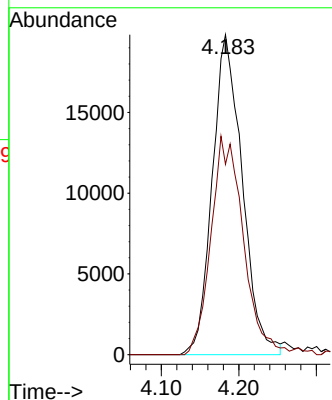
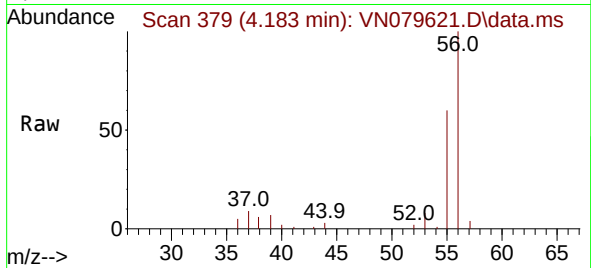
#13
Acrolein
Concen: 99.080 ug/l
RT: 4.183 min Scan# 379
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBSD01

Tgt Ion: 56 Resp: 53224
Ion Ratio Lower Upper
56 100
55 73.0 57.1 85.7

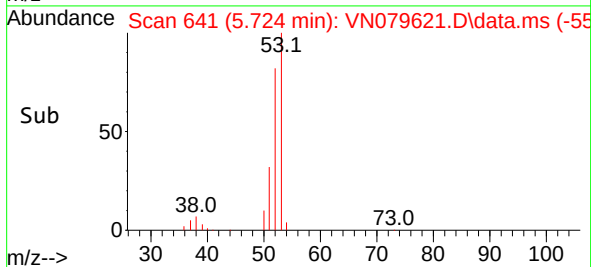
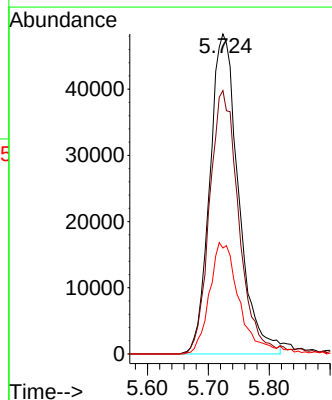
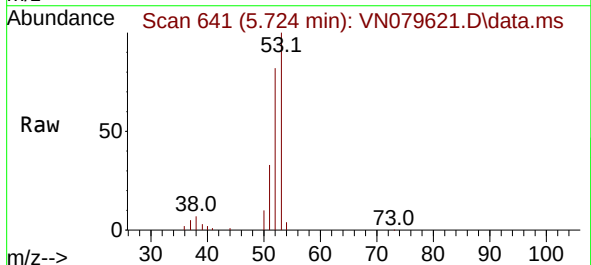
Manual Integrations
APPROVED

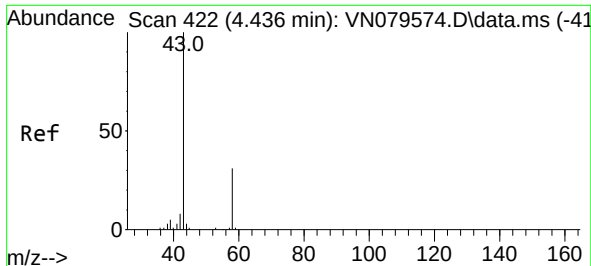
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#14
Acrylonitrile
Concen: 102.041 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

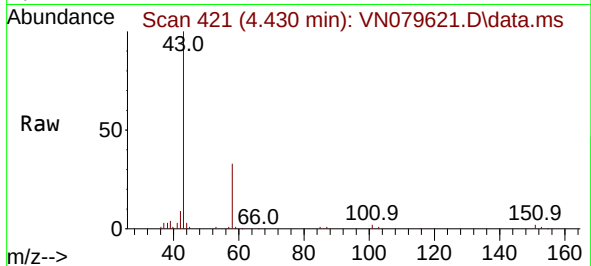
Tgt Ion: 53 Resp: 158797
Ion Ratio Lower Upper
53 100
52 82.8 41.6 124.9
51 35.5 17.8 53.3





#15
Acetone
Concen: 98.872 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

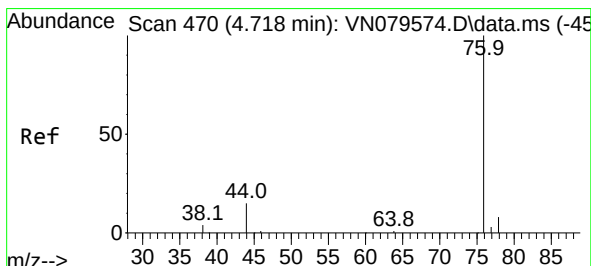
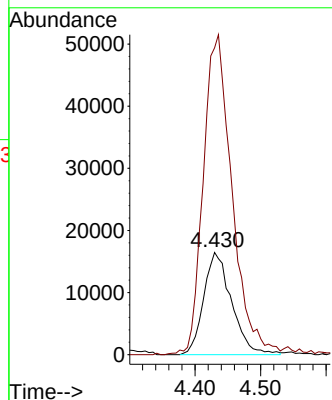
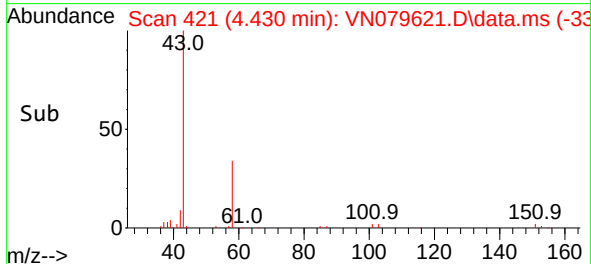
Instrument :
MSVOA_N
ClientSampleId :
VN1020WBSD01



Tgt Ion: 58 Resp: 4874
Ion Ratio Lower Upper
58 100
43 296.4 225.2 337.8

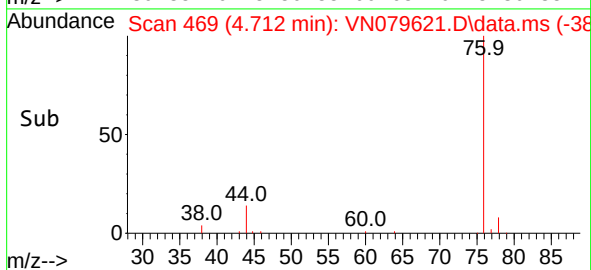
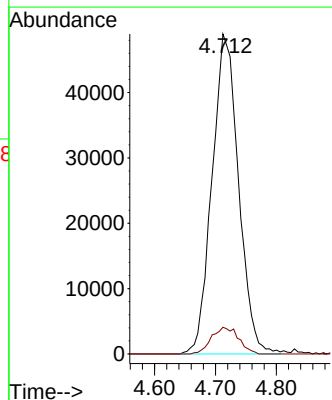
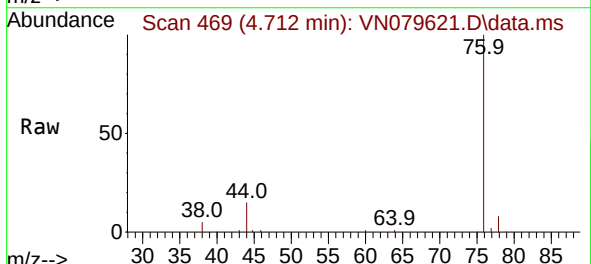
Manual Integrations
APPROVED

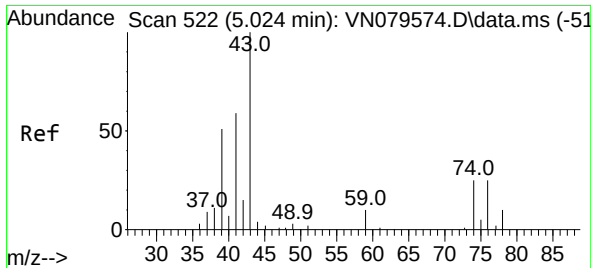
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#16
Carbon Disulfide
Concen: 18.024 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.006 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

Tgt Ion: 76 Resp: 148154
Ion Ratio Lower Upper
76 100
78 8.4 7.5 11.3





#17
 Allyl chloride
 Concen: 18.623 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN079621.D
 Acq: 20 Oct 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

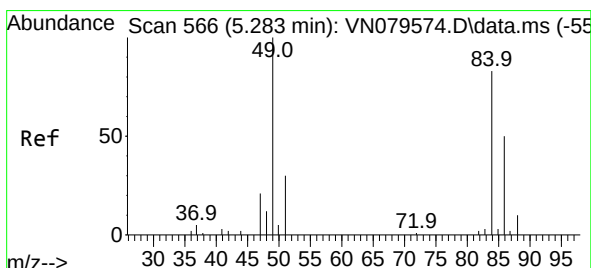
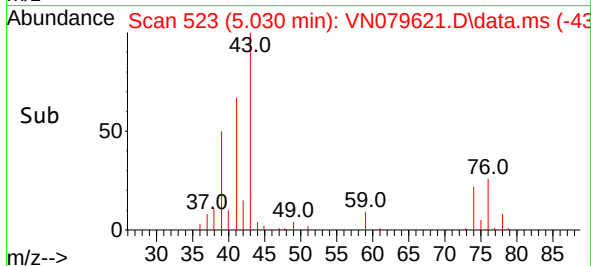
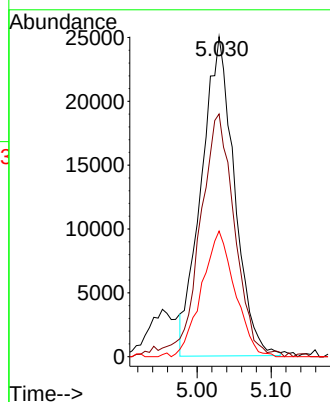
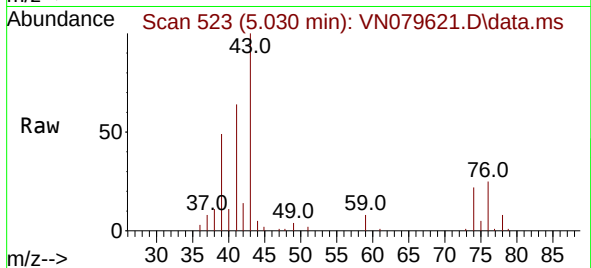
VN1020WBSD01

Tgt Ion: 41 Resp: 77400
 Ion Ratio Lower Upper
 41 100
 39 75.5 38.4 115.2
 76 39.7 19.5 58.5

Manual Integrations

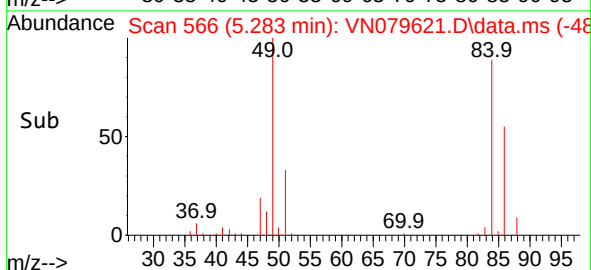
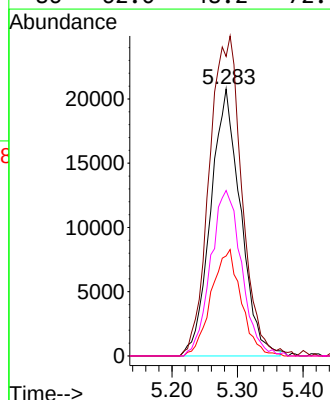
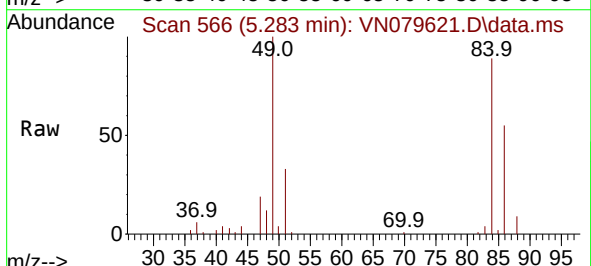
APPROVED

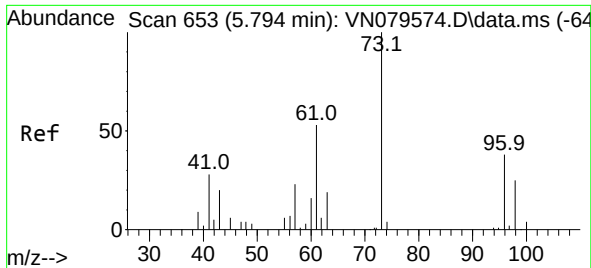
Reviewed By :John Carlone 10/23/2023
 Supervised By :Semsettin Yesilyurt 10/24/2023



#18
 Methylene Chloride
 Concen: 19.850 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. 0.000 min
 Lab File: VN079621.D
 Acq: 20 Oct 2023 12:05

Tgt Ion: 84 Resp: 65861
 Ion Ratio Lower Upper
 84 100
 49 112.2 100.9 151.3
 51 37.5 29.4 44.2
 86 62.0 48.2 72.4





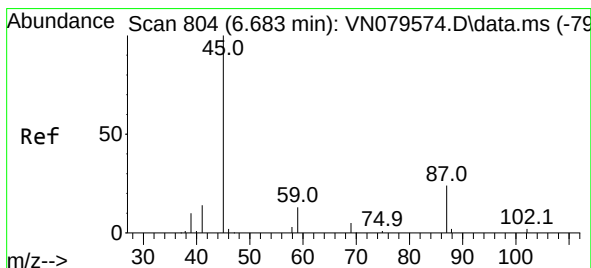
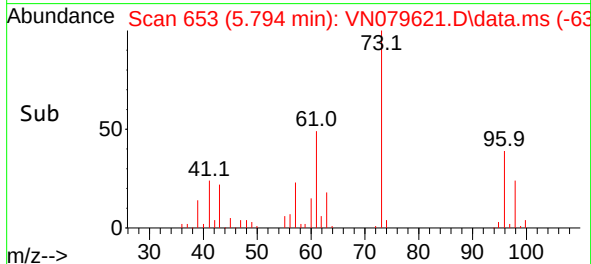
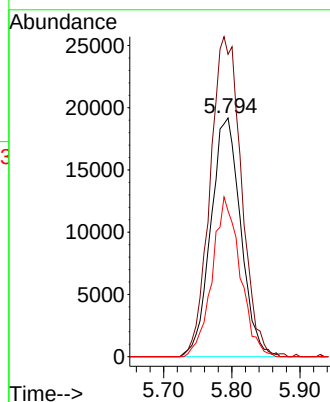
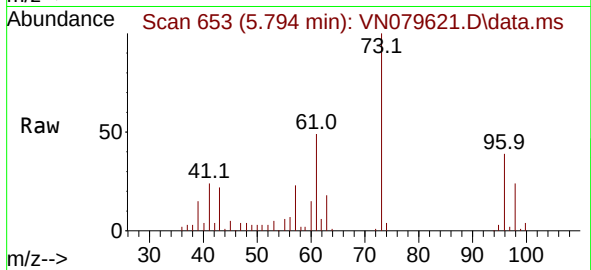
#19
trans-1,2-Dichloroethene
Concen: 19.383 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBSD01

Tgt Ion: 96 Resp: 58454
Ion Ratio Lower Upper
96 100
61 126.7 113.4 170.0
98 61.1 50.4 75.6

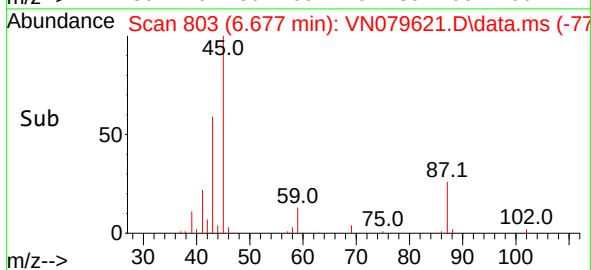
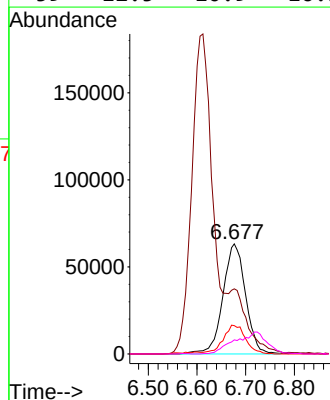
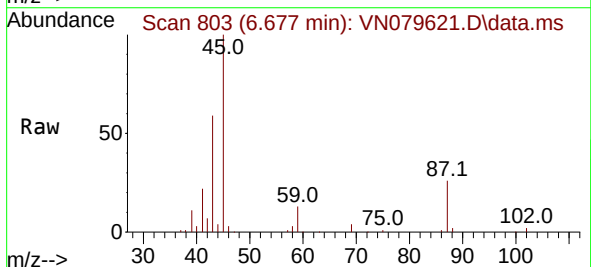
Manual Integrations
APPROVED

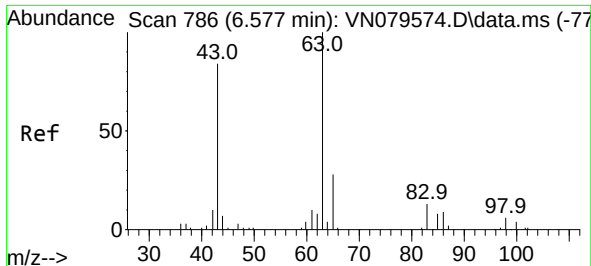
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#20
Diisopropyl ether
Concen: 20.717 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.006 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

Tgt Ion: 45 Resp: 204160
Ion Ratio Lower Upper
45 100
43 56.9 42.1 63.1
87 25.7 20.5 30.7
59 12.5 10.9 16.3





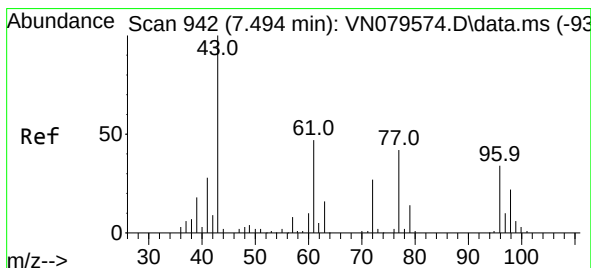
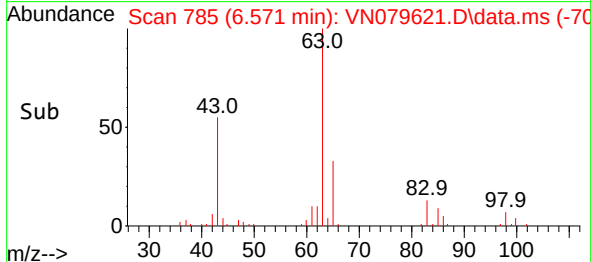
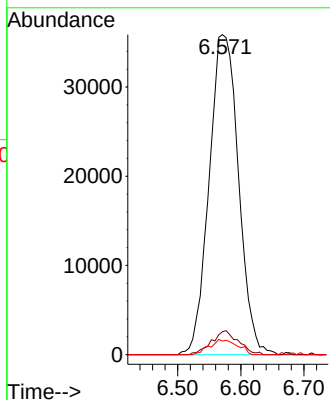
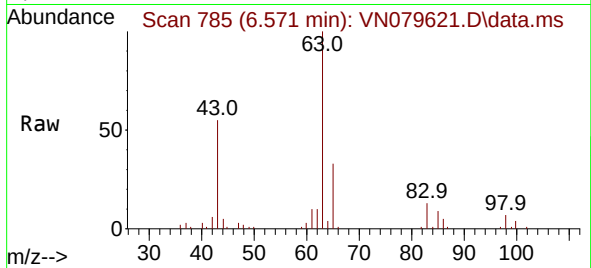
#21
1,1-Dichloroethane
Concen: 19.391 ug/l
RT: 6.571 min Scan# 785
Delta R.T. -0.006 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBSD01

Tgt Ion: 63 Resp: 116119
Ion Ratio Lower Upper
63 100
98 7.2 2.8 8.4
100 4.2 1.9 5.7

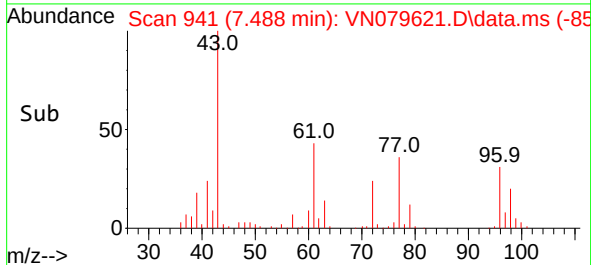
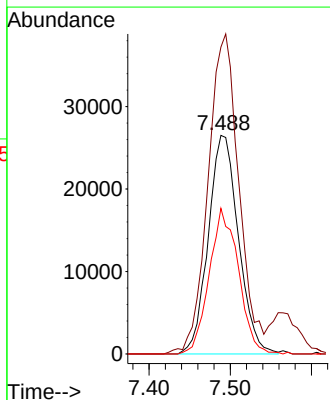
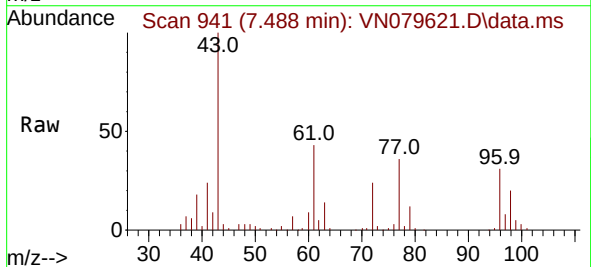
Manual Integrations
APPROVED

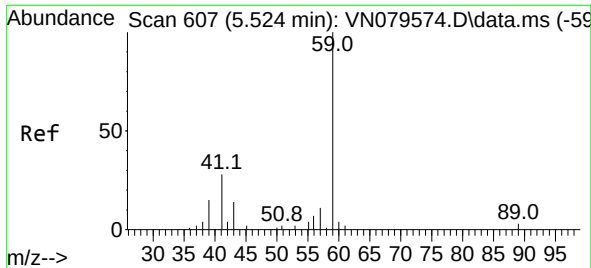
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#22
cis-1,2-Dichloroethene
Concen: 19.723 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

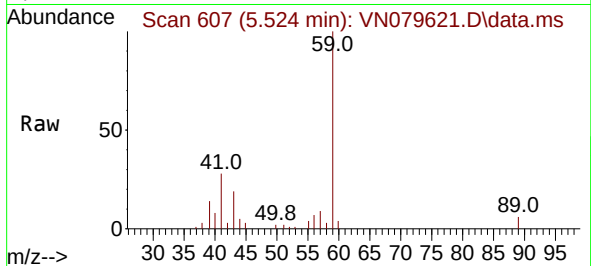
Tgt Ion: 96 Resp: 68507
Ion Ratio Lower Upper
96 100
61 148.6 124.6 186.8
98 64.2 54.2 81.4





#23
tert-Butyl Alcohol
Concen: 91.999 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

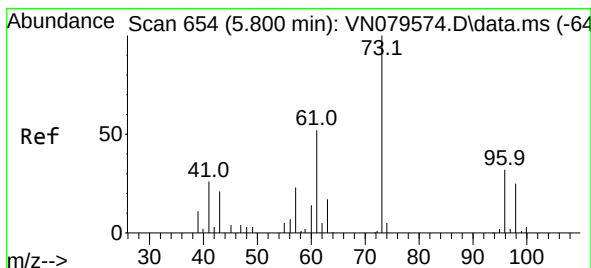
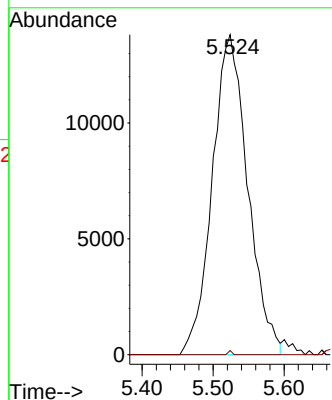
Instrument :
MSVOA_N
ClientSampleId :
VN1020WBSD01



Tgt Ion: 59 Resp: 47875
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

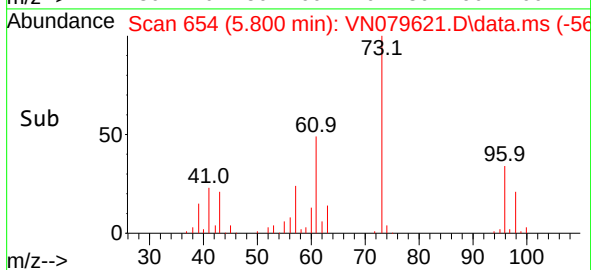
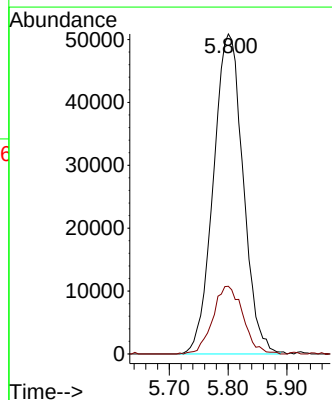
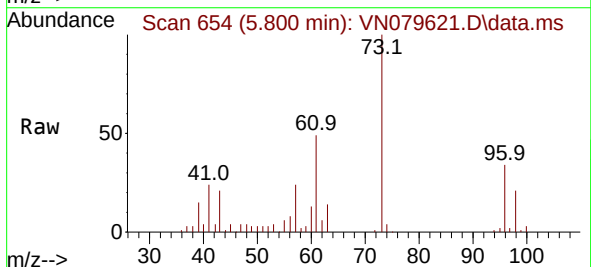
Manual Integrations
APPROVED

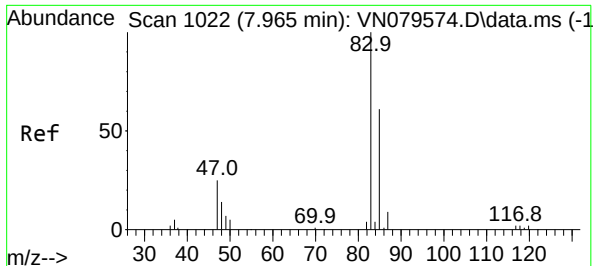
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#24
Methyl tert-Butyl Ether
Concen: 19.763 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

Tgt Ion: 73 Resp: 178750
Ion Ratio Lower Upper
73 100
43 21.3 16.6 24.8





#25

Chloroform

Concen: 20.079 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.006 min

Lab File: VN079621.D

Acq: 20 Oct 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN1020WBSD01

Tgt Ion: 83 Resp: 12149

Ion Ratio Lower Upper

83 100

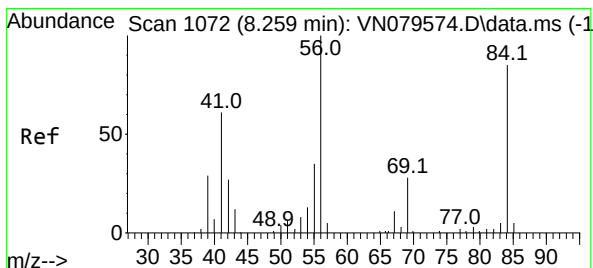
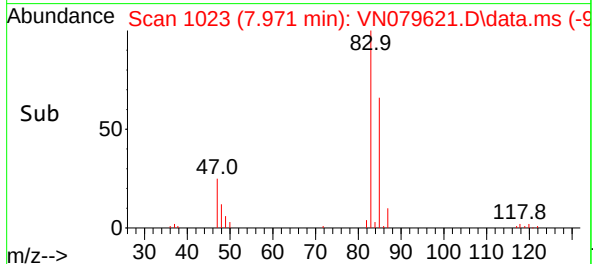
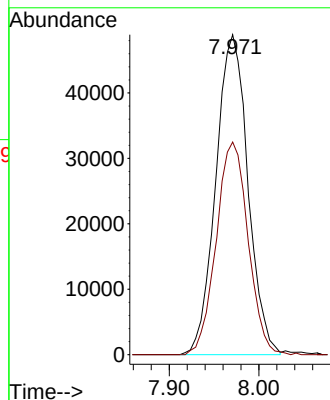
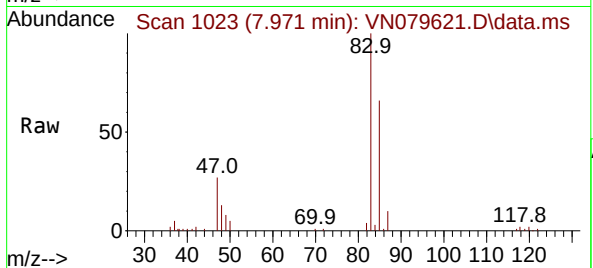
85 66.5 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/23/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#26

Cyclohexane

Concen: 18.730 ug/l

RT: 8.259 min Scan# 1072

Delta R.T. 0.000 min

Lab File: VN079621.D

Acq: 20 Oct 2023 12:05

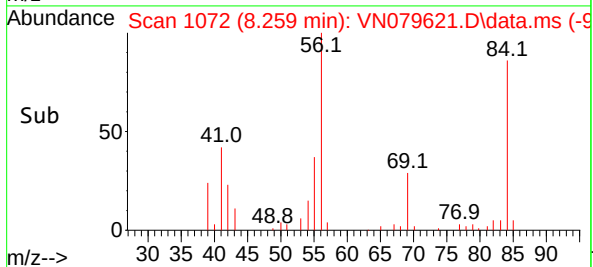
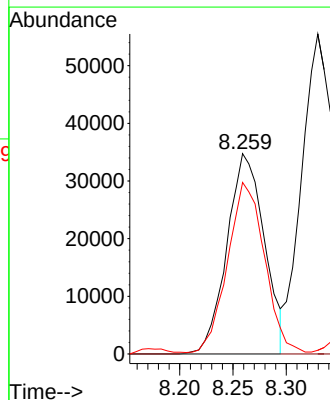
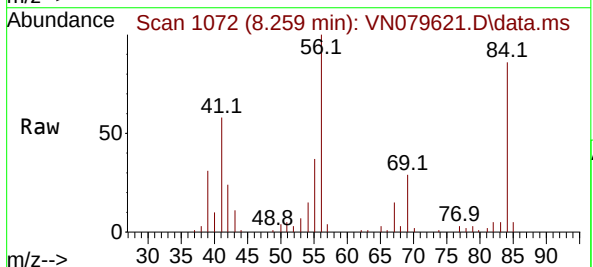
Tgt Ion: 56 Resp: 84787

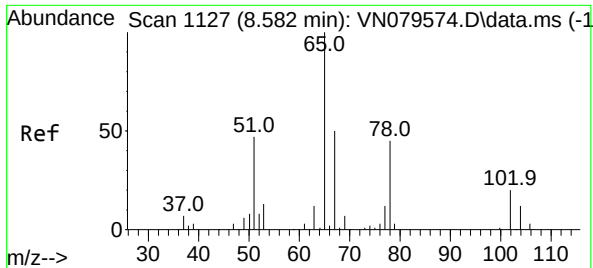
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 85.5 69.0 103.4





#27
1,2-Dichloroethane-d4
Concen: 29.681 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN1020WBSD01

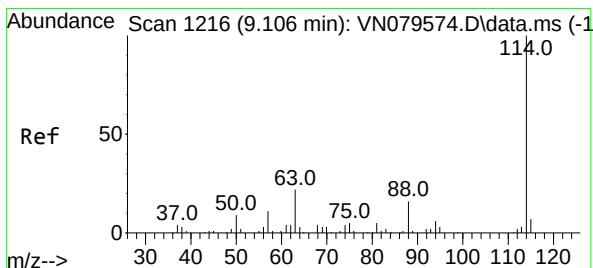
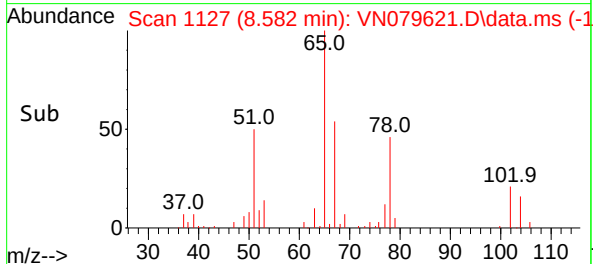
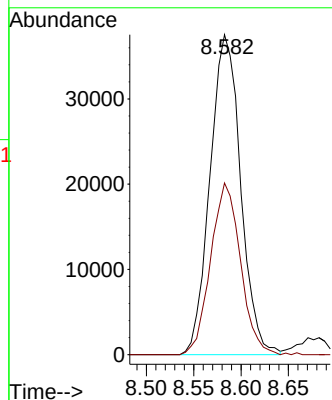
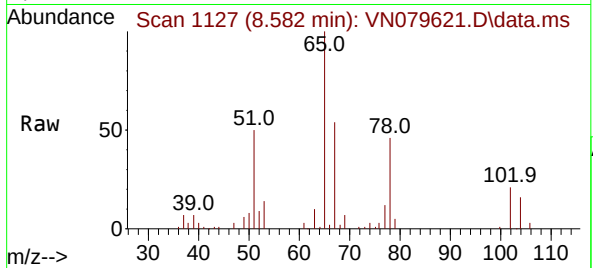
Tgt Ion: 65 Resp: 84425
Ion Ratio Lower Upper
65 100
67 52.3 42.1 63.1

Manual Integrations

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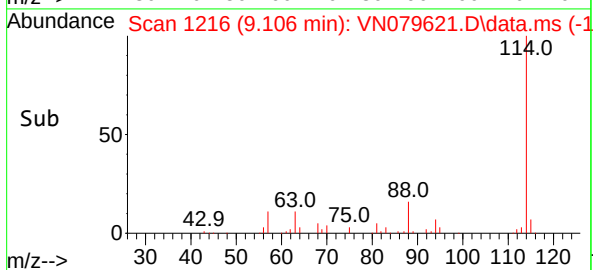
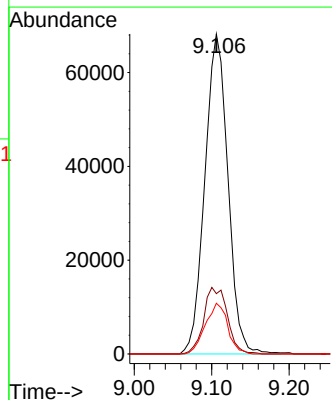
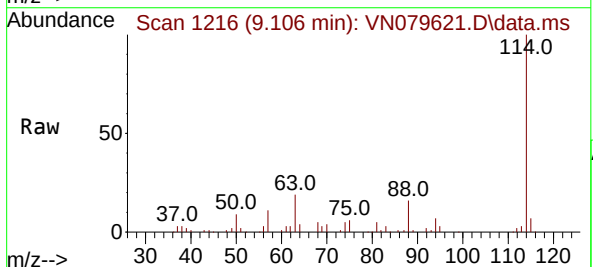
Reviewed By :John Carlone 10/23/2023

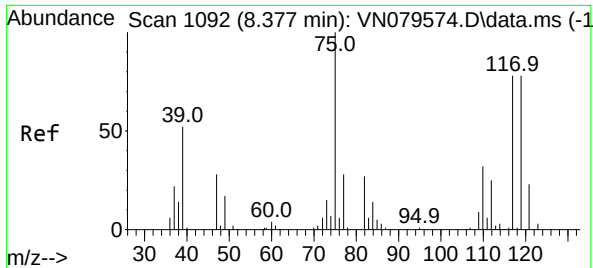
Supervised By :Semsettin Yesilyurt 10/24/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

Tgt Ion:114 Resp: 141141
Ion Ratio Lower Upper
114 100
63 21.3 18.1 27.1
88 15.3 12.2 18.2





#29

1,1-Dichloropropene

Concen: 20.716 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN079621.D

Acq: 20 Oct 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN1020WBSD01

Tgt Ion: 75 Resp: 8544

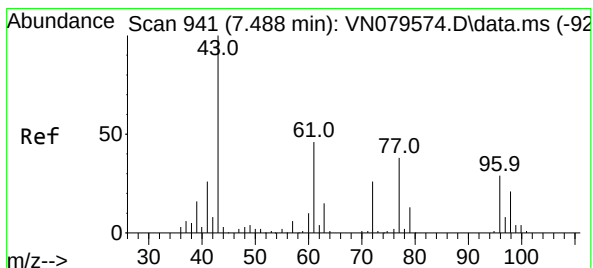
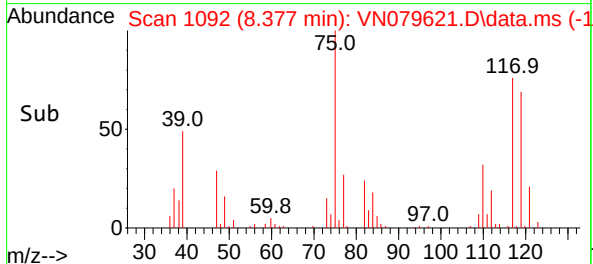
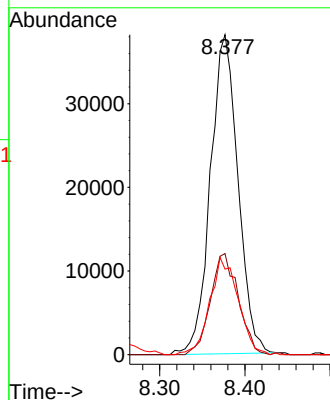
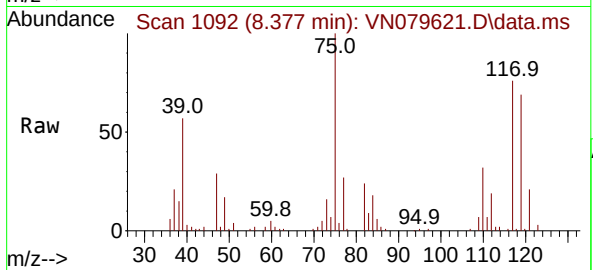
Ion	Ratio	Lower	Upper
75	100		
110	32.1	0.0	66.8
77	31.5	0.0	61.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/23/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#30

2-Butanone

Concen: 105.164 ug/l

RT: 7.488 min Scan# 941

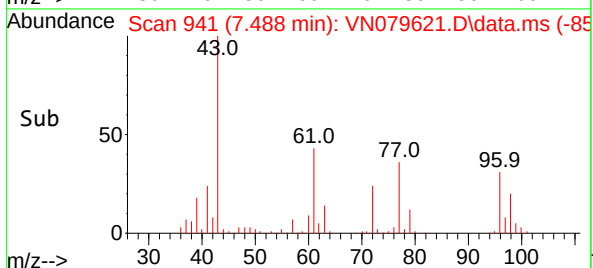
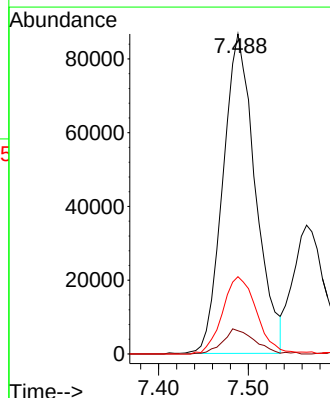
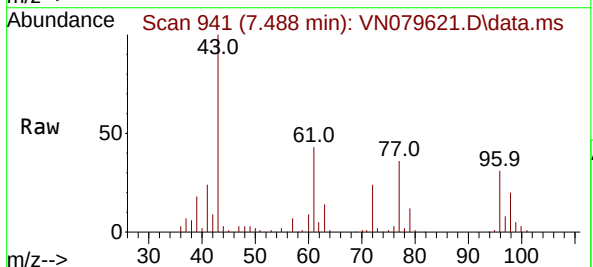
Delta R.T. 0.000 min

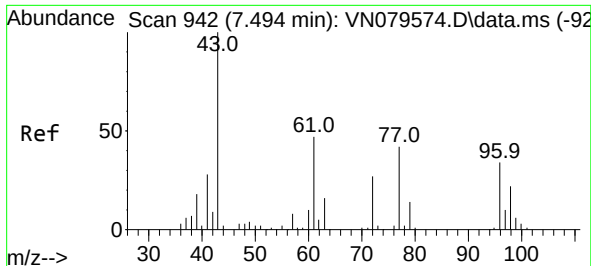
Lab File: VN079621.D

Acq: 20 Oct 2023 12:05

Tgt Ion: 43 Resp: 217429

Ion	Ratio	Lower	Upper
43	100		
57	7.6	6.4	9.6
72	25.4	20.7	31.1





#31

2,2-Dichloropropane

Concen: 20.225 ug/l

RT: 7.500 min Scan# 942

Delta R.T. 0.006 min

Lab File: VN079621.D

Acq: 20 Oct 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN1020WBSD01

Tgt Ion: 77 Resp: 9405

Ion Ratio Lower Upper

77 100

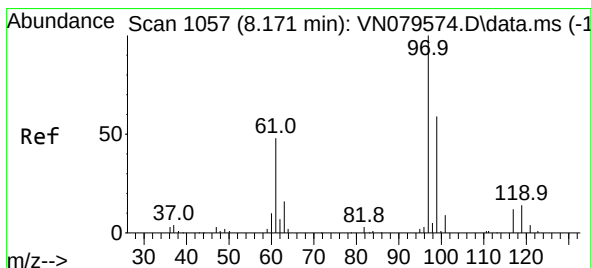
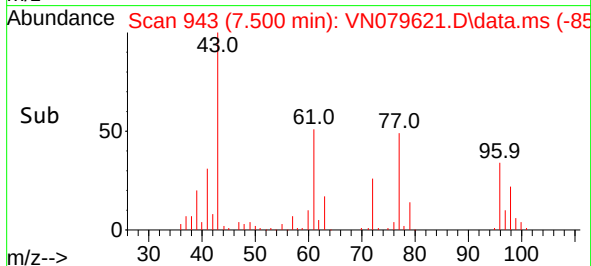
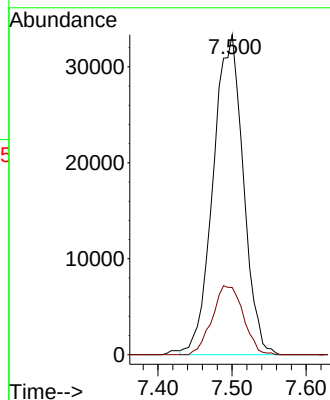
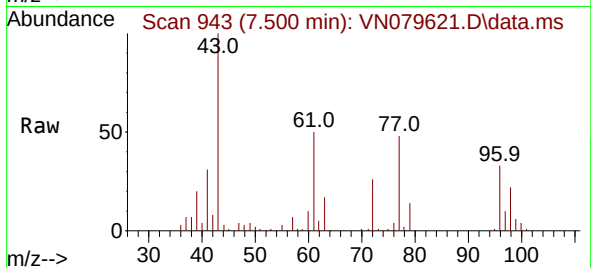
97 22.2 17.9 26.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/23/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#32

1,1,1-Trichloroethane

Concen: 20.302 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VN079621.D

Acq: 20 Oct 2023 12:05

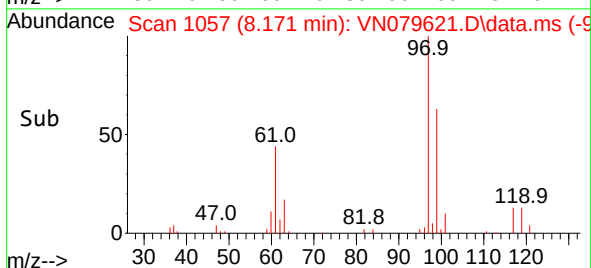
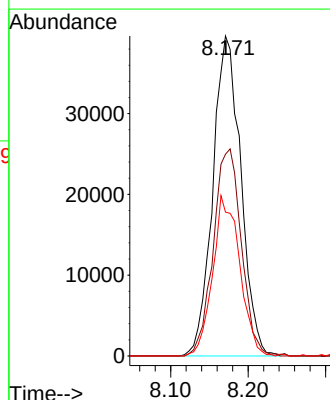
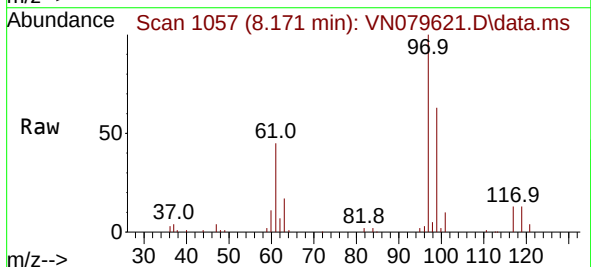
Tgt Ion: 97 Resp: 99530

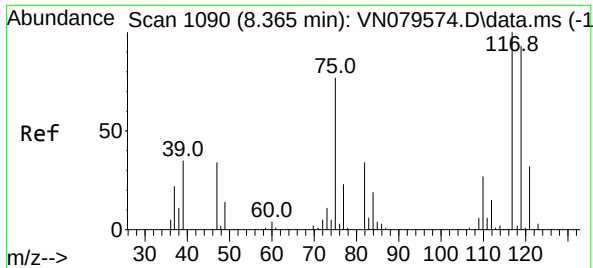
Ion Ratio Lower Upper

97 100

99 64.7 51.9 77.9

61 48.1 37.6 56.4





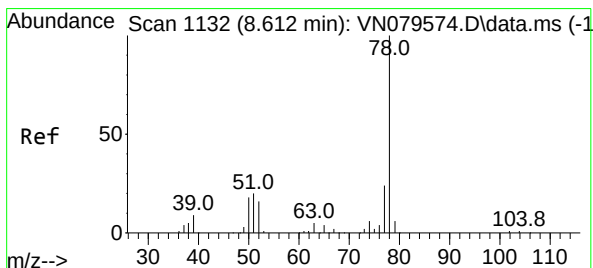
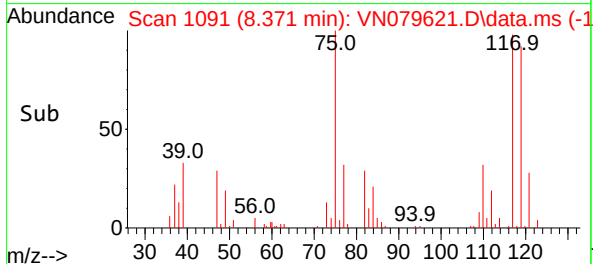
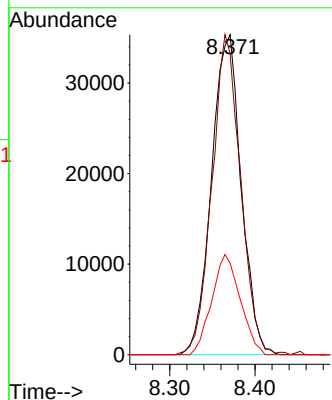
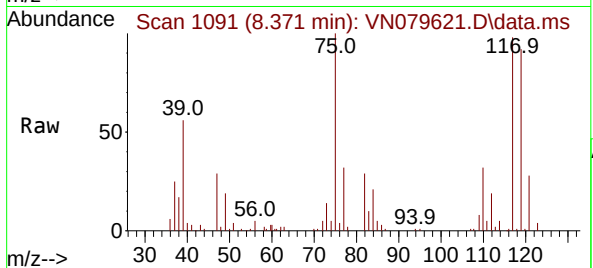
#33
Carbon Tetrachloride
Concen: 20.485 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBSD01

Tgt Ion:117 Resp: 85410
Ion Ratio Lower Upper
117 100
119 93.6 75.0 112.6
121 28.6 24.3 36.5

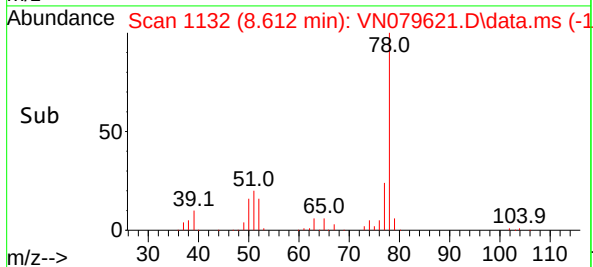
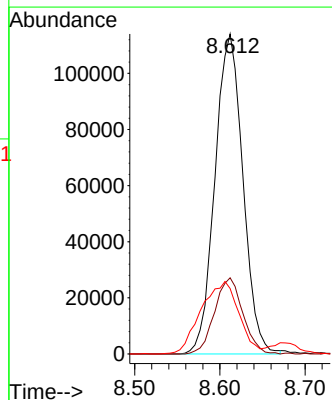
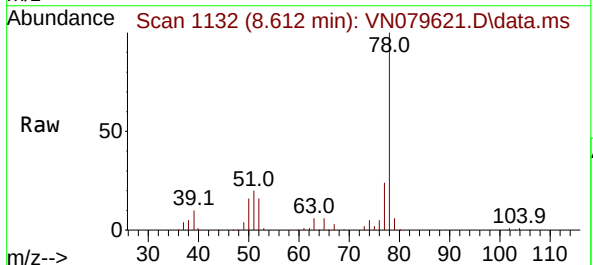
Manual Integrations
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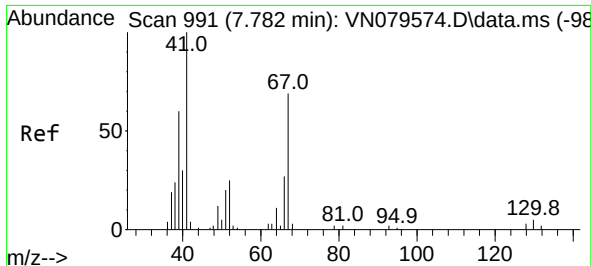
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#34
Benzene
Concen: 20.726 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

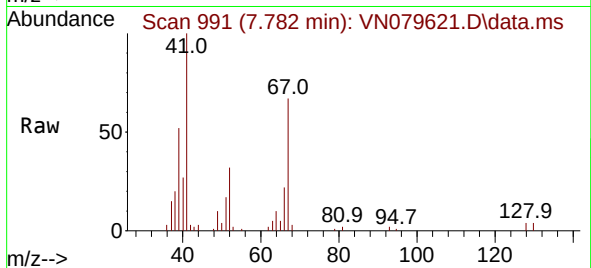
Tgt Ion: 78 Resp: 259727
Ion Ratio Lower Upper
78 100
77 23.8 19.7 29.5
51 19.2 15.8 23.6





#35
Methacrylonitrile
Concen: 21.272 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

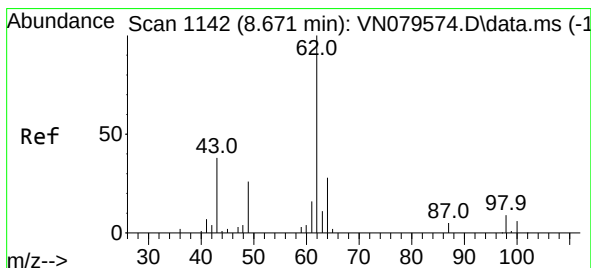
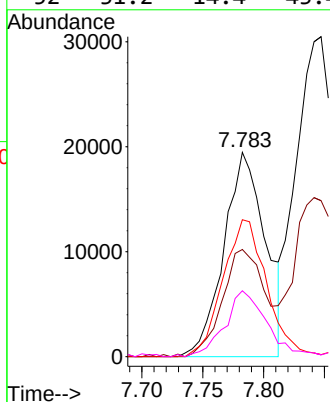
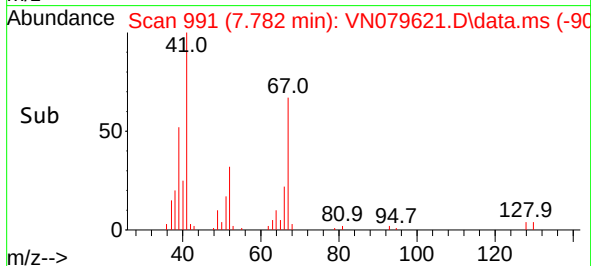
Instrument :
MSVOA_N
ClientSampleId :
VN1020WBSD01



Tgt Ion: 41 Resp: 4626
Ion Ratio Lower Upper
41 100
39 51.3 26.3 78.8
67 67.0 37.5 112.3
52 31.2 14.4 43.4

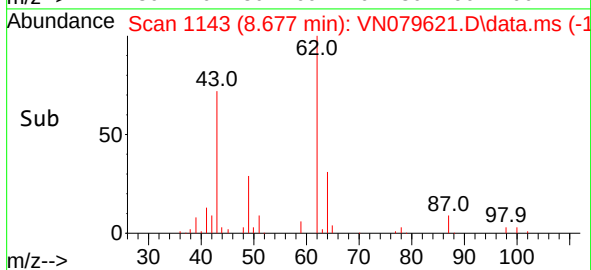
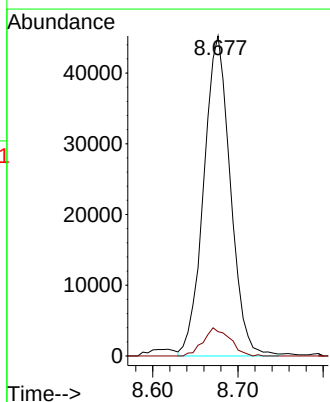
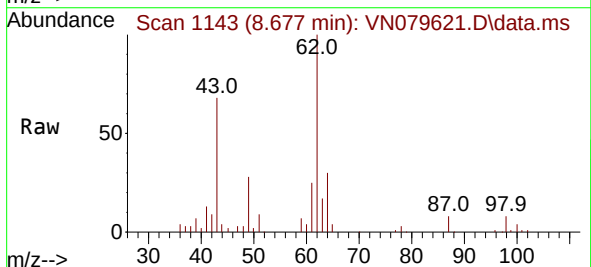
Manual Integrations
APPROVED

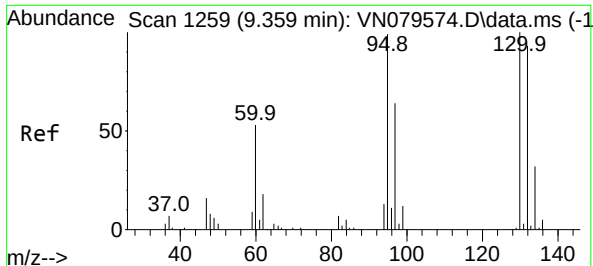
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#36
1,2-Dichloroethane
Concen: 21.976 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

Tgt Ion: 62 Resp: 98331
Ion Ratio Lower Upper
62 100
98 8.7 7.2 10.8





#37

Trichloroethene

Concen: 20.370 ug/l

RT: 9.359 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079621.D

Acq: 20 Oct 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN1020WBSD01

Tgt Ion:130 Resp: 5966

Ion Ratio Lower Upper

130 100

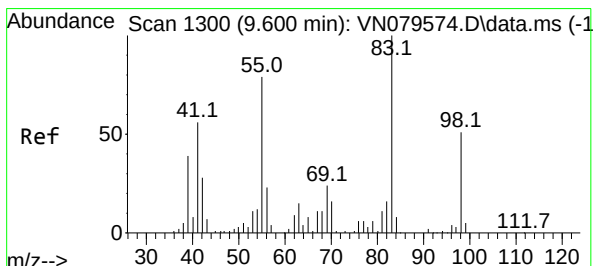
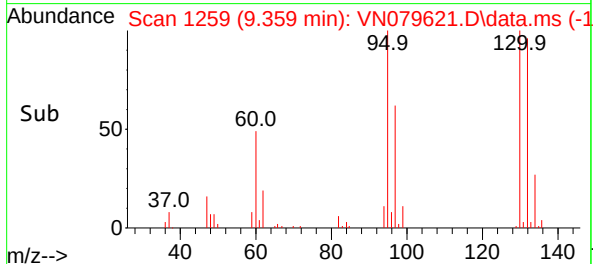
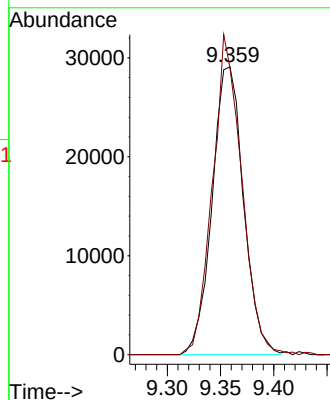
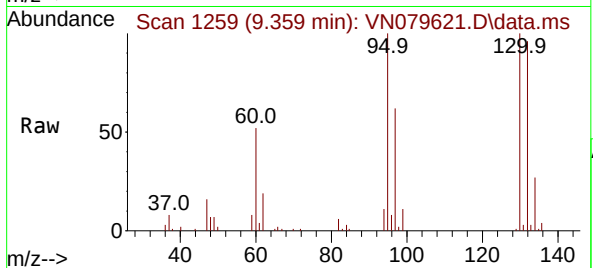
95 99.7 81.2 121.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/23/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#38

Methylcyclohexane

Concen: 18.774 ug/l

RT: 9.606 min Scan# 1301

Delta R.T. 0.006 min

Lab File: VN079621.D

Acq: 20 Oct 2023 12:05

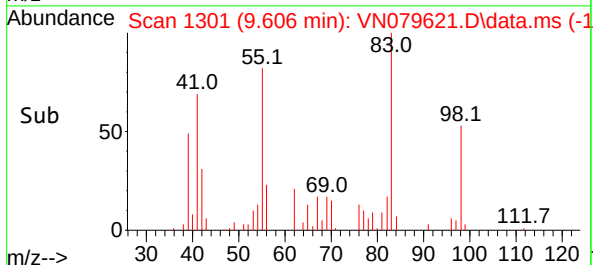
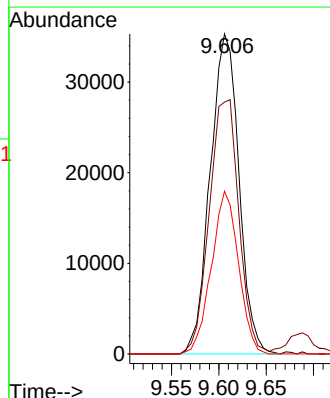
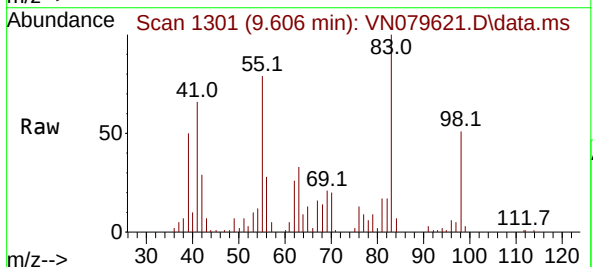
Tgt Ion: 83 Resp: 74554

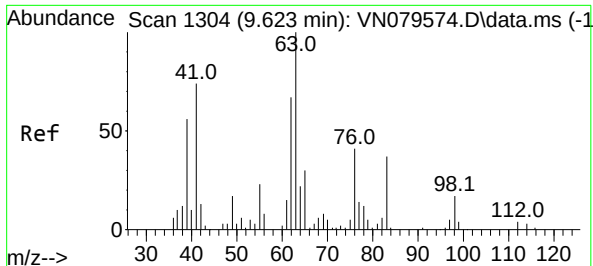
Ion Ratio Lower Upper

83 100

55 81.8 39.7 119.1

98 48.0 24.4 73.2





#39

1,2-Dichloropropane

Concen: 21.100 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN079621.D

Acq: 20 Oct 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN1020WBSD01

Tgt Ion: 63 Resp: 69778

Ion Ratio Lower Upper

63 100

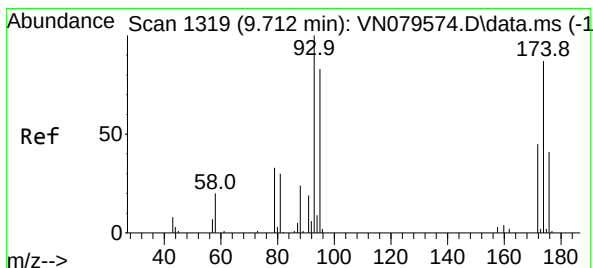
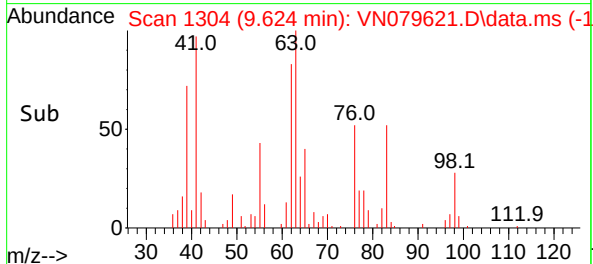
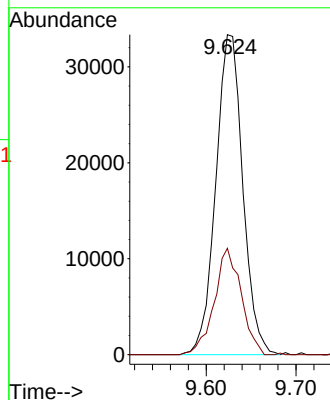
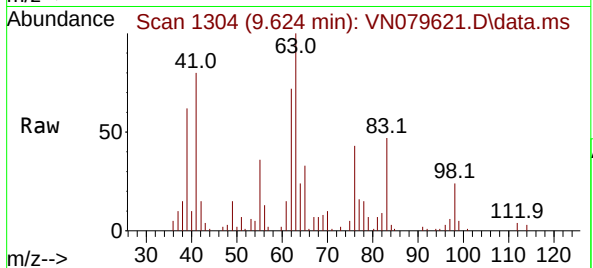
65 33.3 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/23/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#40

Dibromomethane

Concen: 22.585 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN079621.D

Acq: 20 Oct 2023 12:05

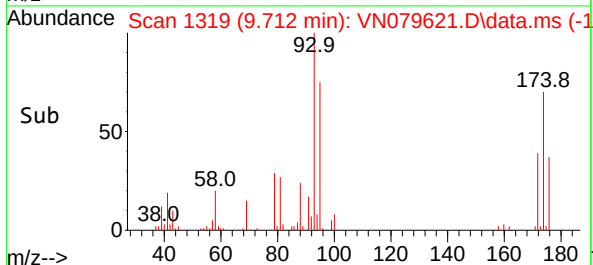
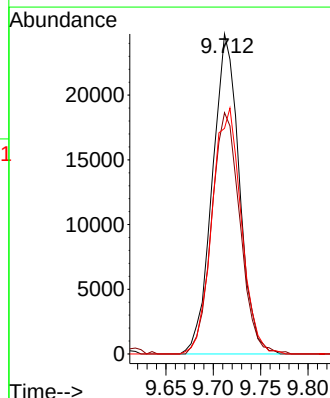
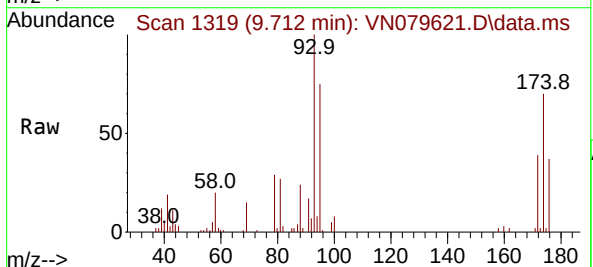
Tgt Ion: 93 Resp: 49017

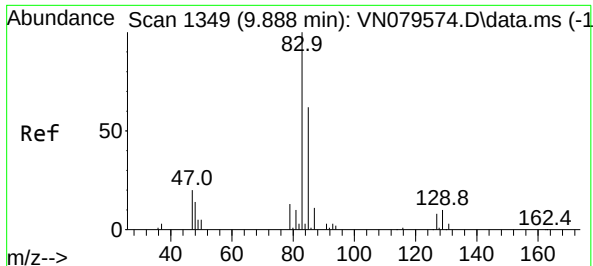
Ion Ratio Lower Upper

93 100

95 79.2 0.0 166.6

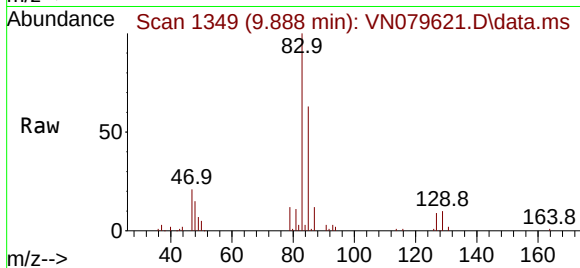
174 82.8 0.0 171.0





#41
Bromodichloromethane
Concen: 21.412 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

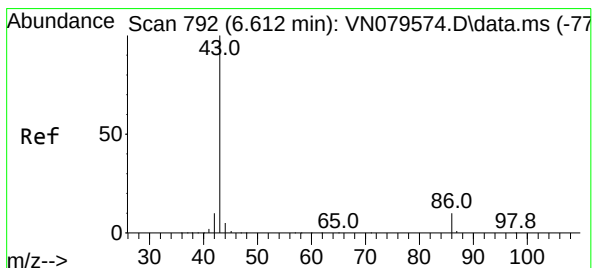
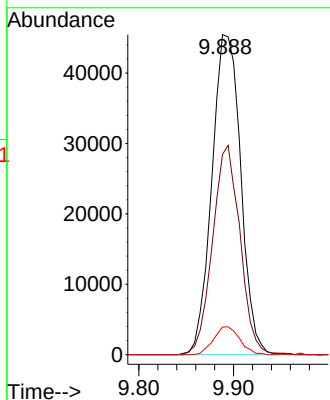
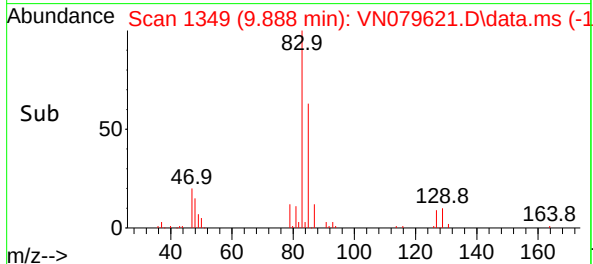
Instrument :
MSVOA_N
ClientSampleId :
VN1020WBSD01



Tgt Ion: 83 Resp: 96300
Ion Ratio Lower Upper
83 100
85 62.6 50.3 75.5
127 8.6 6.8 10.2

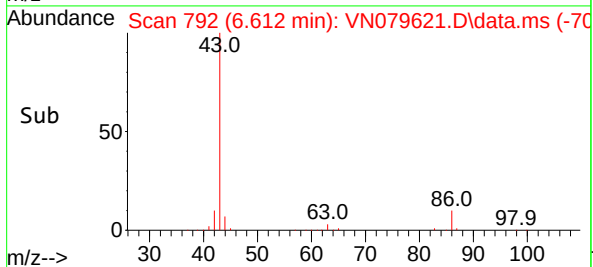
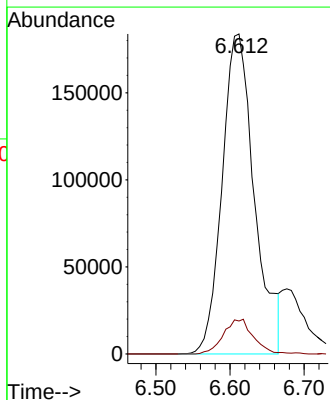
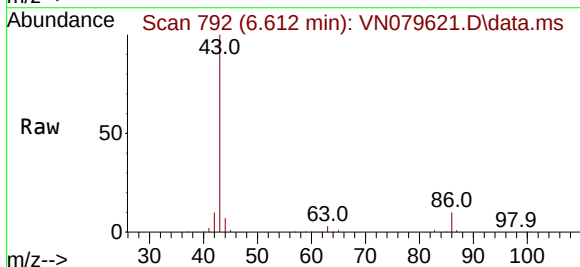
Manual Integrations
APPROVED

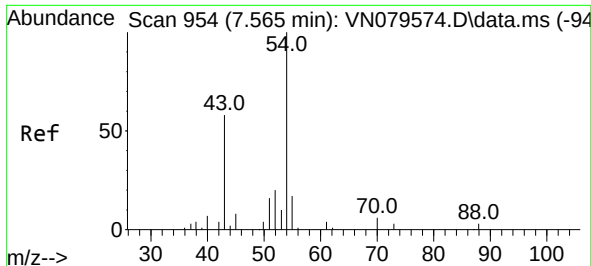
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#42
Vinyl Acetate
Concen: 106.126 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

Tgt Ion: 43 Resp: 556601
Ion Ratio Lower Upper
43 100
86 9.9 8.2 12.2





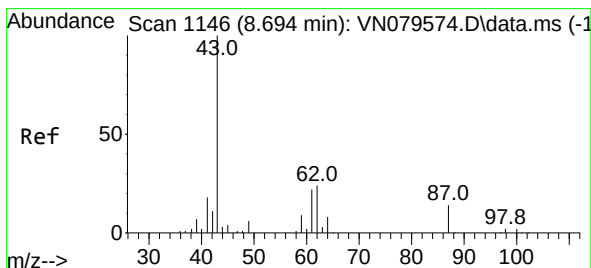
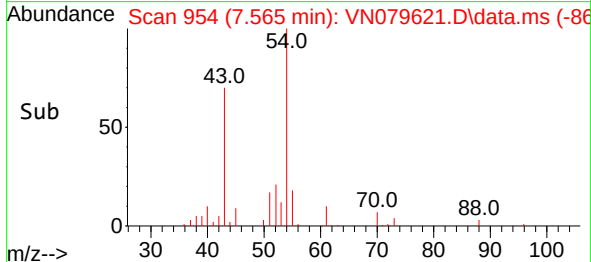
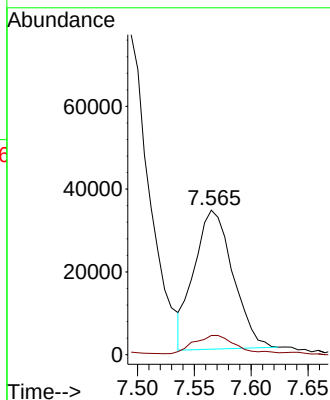
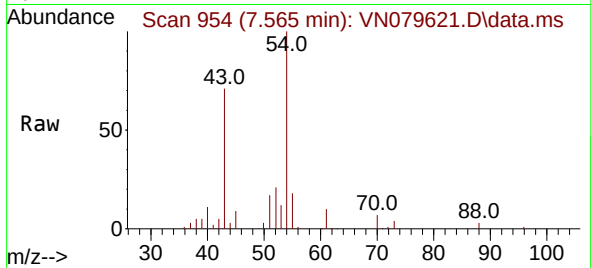
#43
Ethyl Acetate
Concen: 20.433 ug/l
RT: 7.565 min Scan# 954
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBSD01

Tgt Ion: 43 Resp: 79438
Ion Ratio Lower Upper
43 100
45 13.8 11.8 17.8

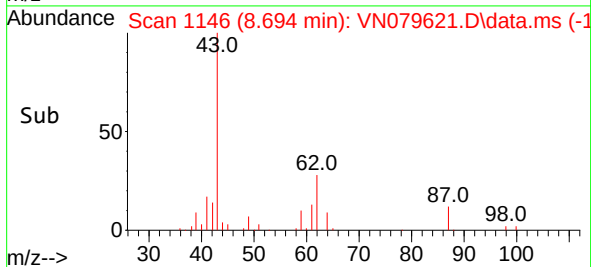
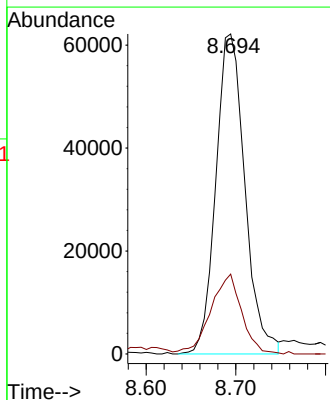
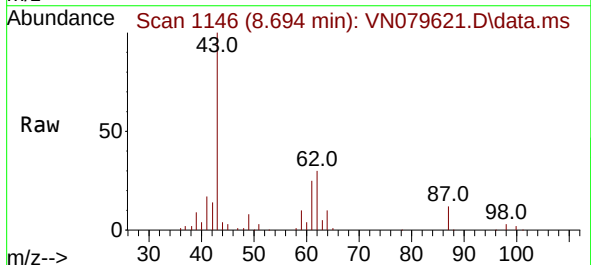
Manual Integrations
APPROVED

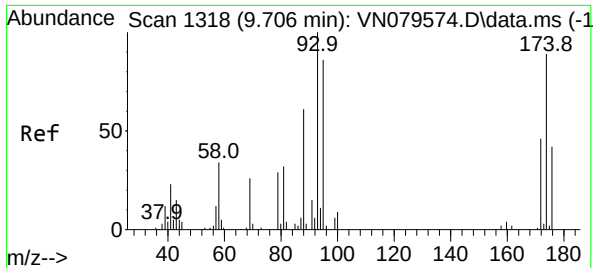
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#44
Isopropyl Acetate
Concen: 20.212 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

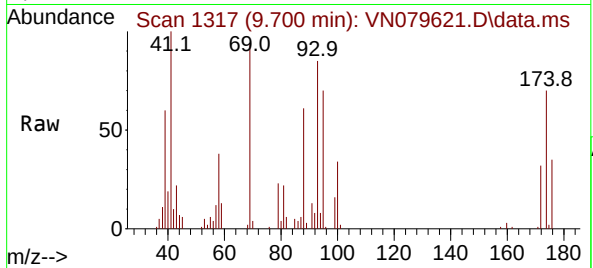
Tgt Ion: 43 Resp: 139686
Ion Ratio Lower Upper
43 100
61 26.7 20.3 30.5





#45
1,4-Dioxane
Concen: 394.786 ug/l
RT: 9.700 min Scan# 1318
Delta R.T. -0.006 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

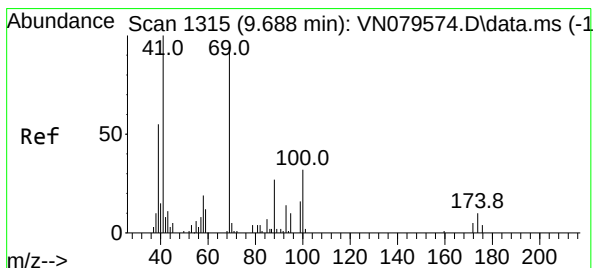
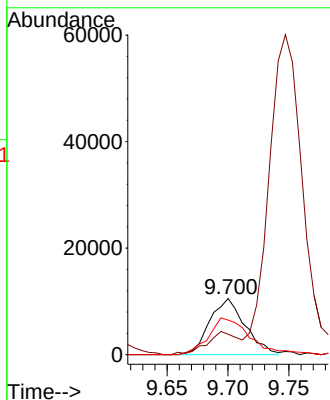
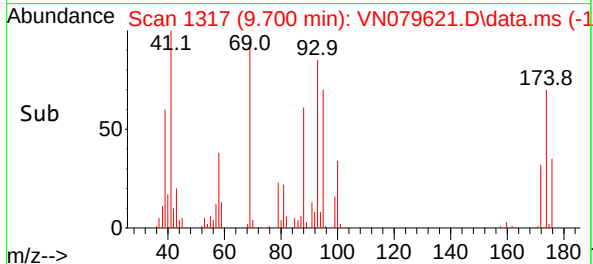
Instrument :
MSVOA_N
ClientSampleId :
VN1020WBSD01



Tgt Ion: 88 Resp: 2135
Ion Ratio Lower Upper
88 100
43 33.2 28.7 43.1
58 76.7 56.9 85.3

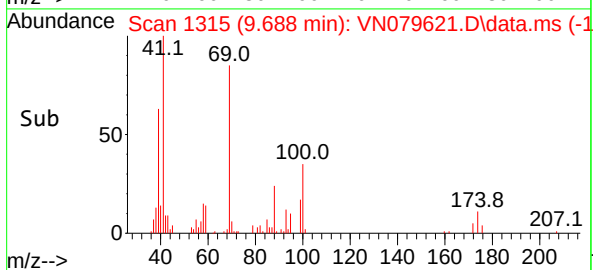
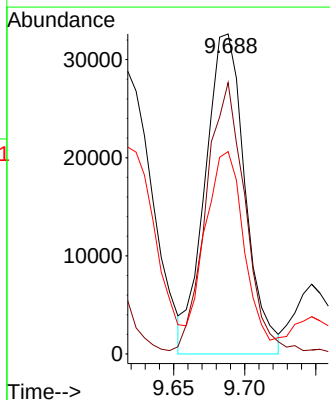
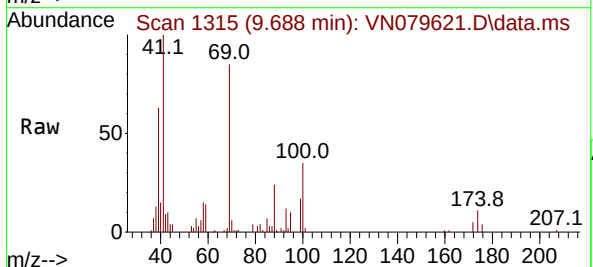
Manual Integrations
APPROVED

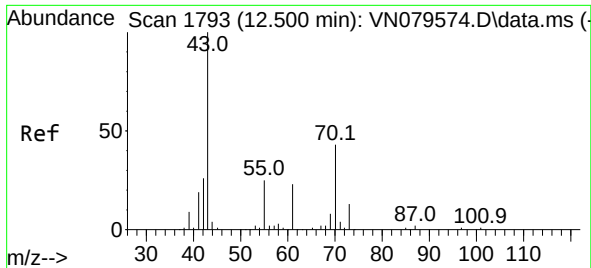
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#46
Methyl methacrylate
Concen: 20.869 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

Tgt Ion: 41 Resp: 63984
Ion Ratio Lower Upper
41 100
69 87.9 40.0 119.9
39 62.0 31.1 93.3





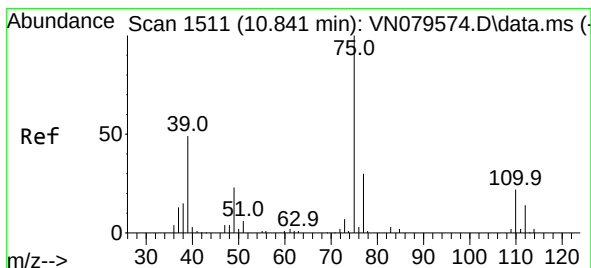
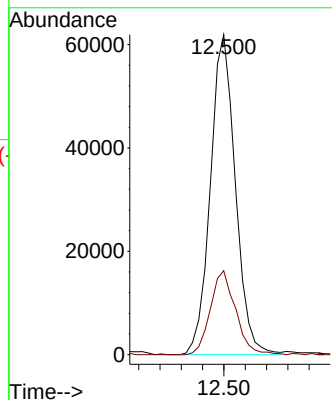
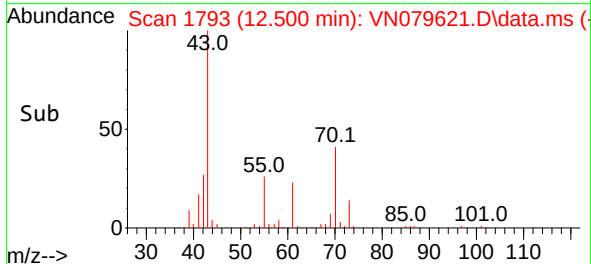
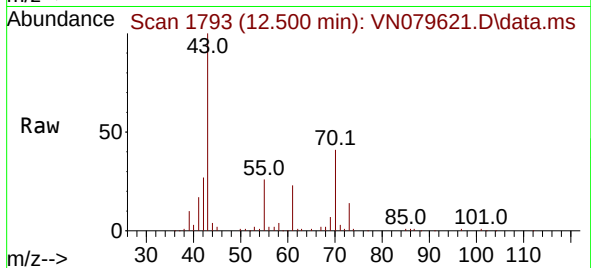
#47
n-amy1 Acetate
Concen: 20.196 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBSD01

Tgt Ion: 43 Resp: 100730
Ion Ratio Lower Upper
43 100
55 26.5 20.7 31.1

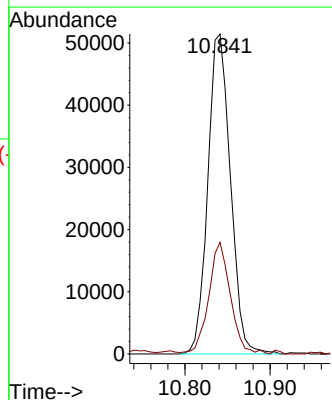
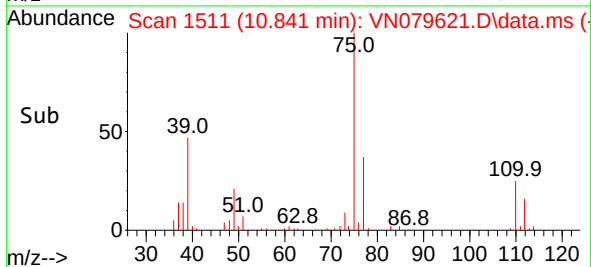
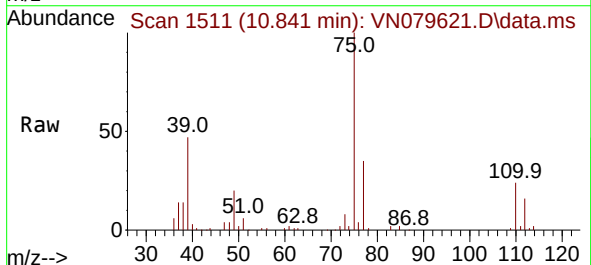
Manual Integrations
APPROVED

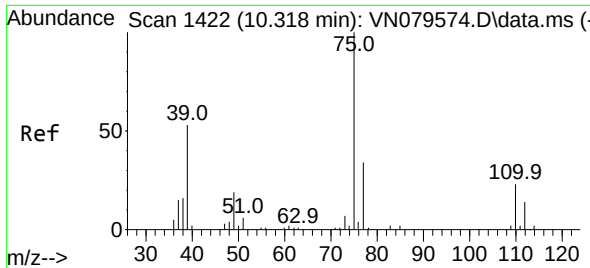
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#48
t-1,3-Dichloropropene
Concen: 20.882 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

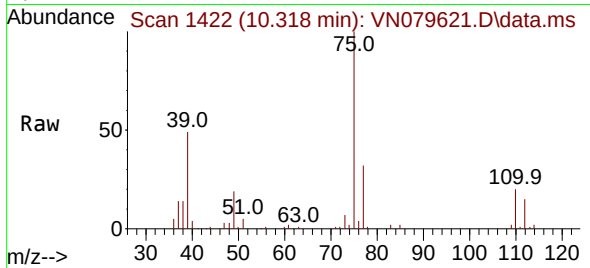
Tgt Ion: 75 Resp: 94949
Ion Ratio Lower Upper
75 100
77 34.4 25.6 38.4





#49
 cis-1,3-Dichloropropene
 Concen: 20.710 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN079621.D
 Acq: 20 Oct 2023 12:05

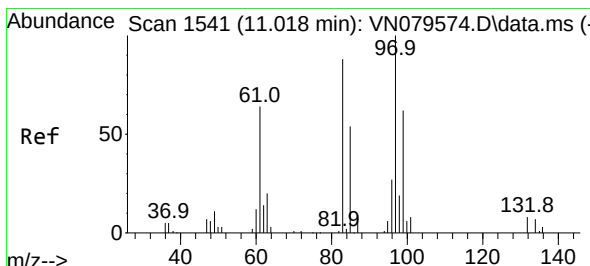
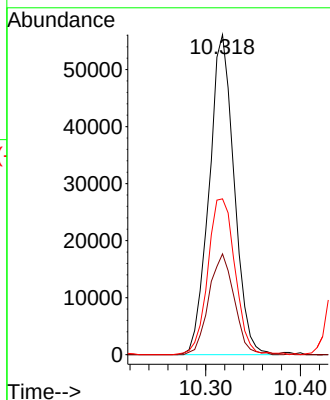
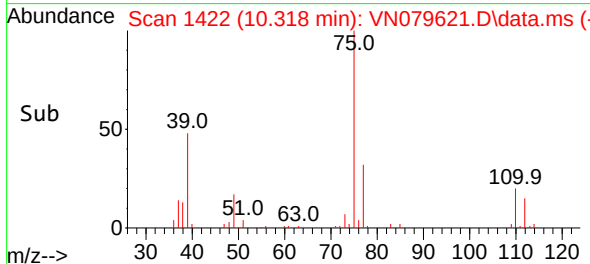
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1020WBSD01



Tgt Ion: 75 Resp: 102968
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.8 38.6
 39 48.4 42.4 63.6

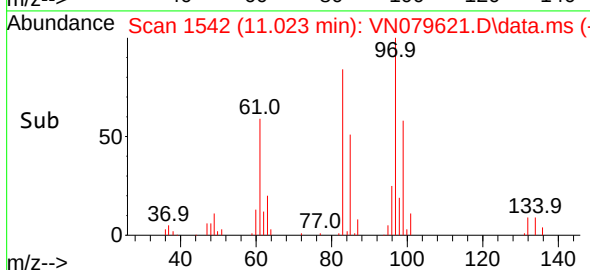
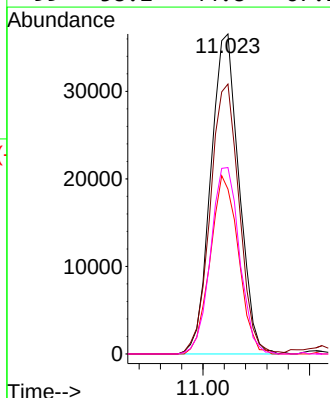
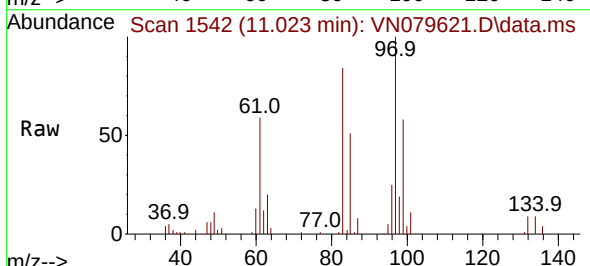
Manual Integrations
 APPROVED

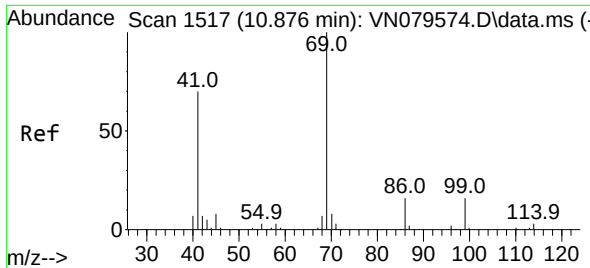
Reviewed By :John Carlone 10/23/2023
 Supervised By :Semsettin Yesilyurt 10/24/2023



#50
 1,1,2-Trichloroethane
 Concen: 22.392 ug/l
 RT: 11.023 min Scan# 1542
 Delta R.T. 0.006 min
 Lab File: VN079621.D
 Acq: 20 Oct 2023 12:05

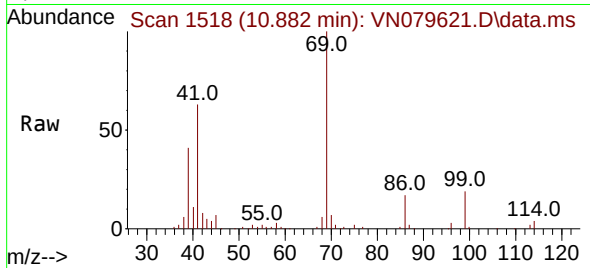
Tgt Ion: 97 Resp: 67420
 Ion Ratio Lower Upper
 97 100
 83 84.3 68.2 102.4
 85 51.5 42.9 64.3
 99 58.2 44.8 67.2





#51
Ethyl methacrylate
Concen: 20.663 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.006 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

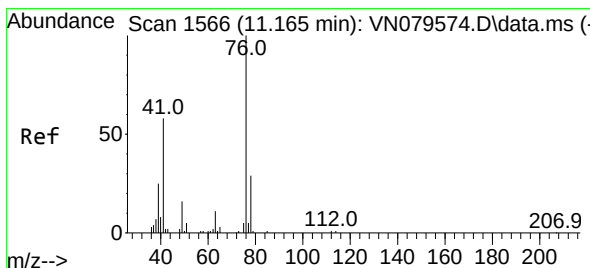
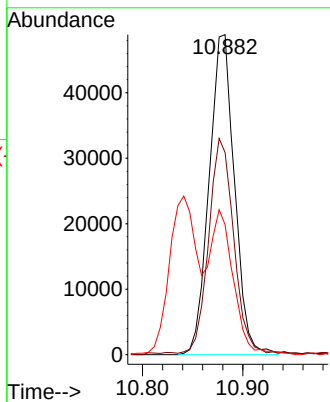
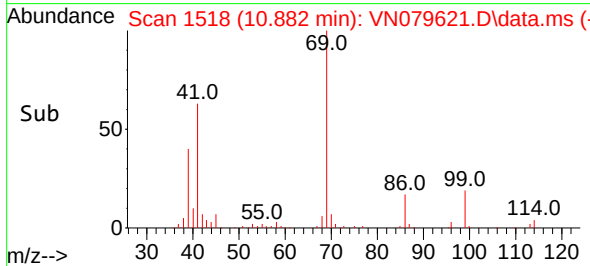
Instrument :
MSVOA_N
ClientSampleId :
VN1020WBSD01



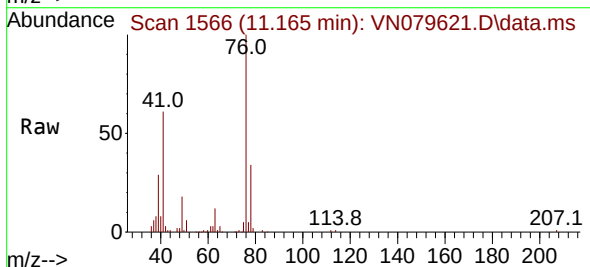
Tgt Ion: 69 Resp: 85830
Ion Ratio Lower Upper
69 100
41 62.7 33.8 101.3
39 39.9 21.3 63.9

Manual Integrations
APPROVED

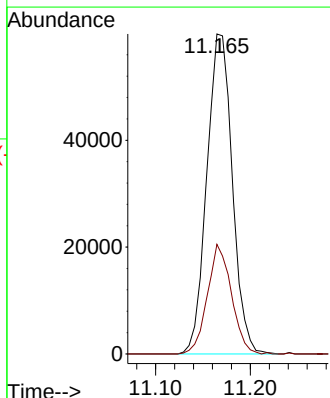
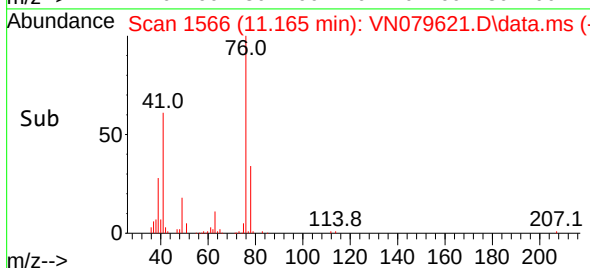
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

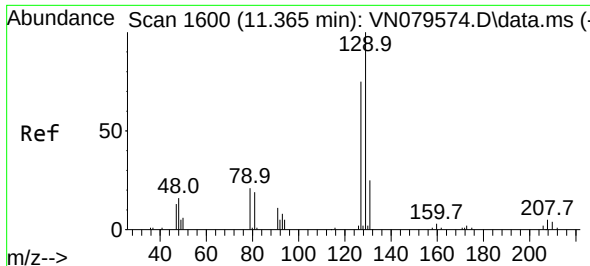


#52
1,3-Dichloropropane
Concen: 21.062 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05



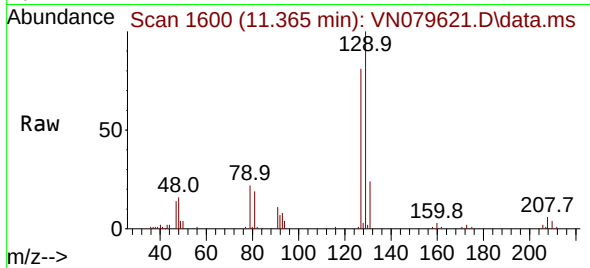
Tgt Ion: 76 Resp: 112341
Ion Ratio Lower Upper
76 100
78 32.1 0.0 64.0





#53
Dibromochloromethane
Concen: 21.553 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

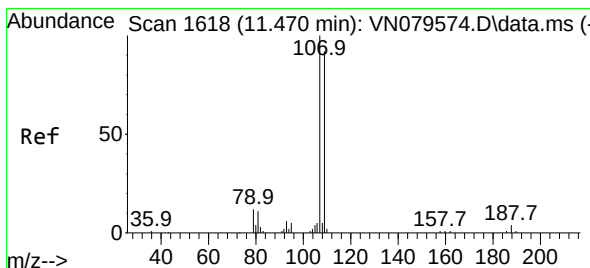
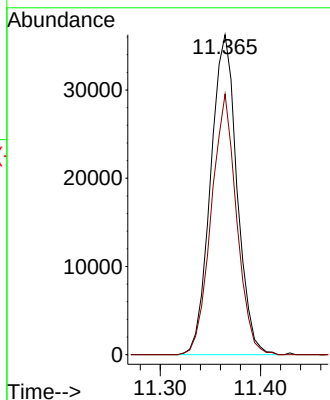
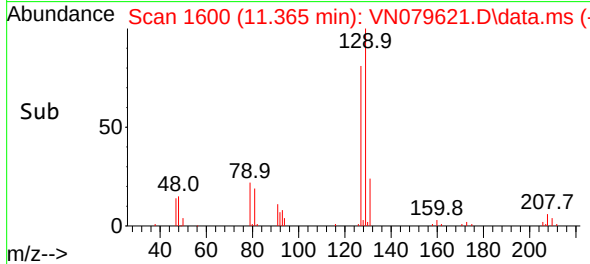
Instrument :
MSVOA_N
ClientSampleId :
VN1020WBSD01



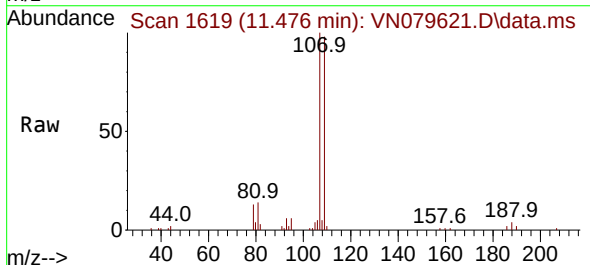
Tgt Ion:129 Resp: 6632
Ion Ratio Lower Upper
129 100
127 78.1 38.8 116.3

Manual Integrations
APPROVED

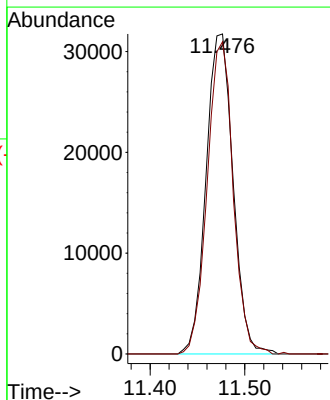
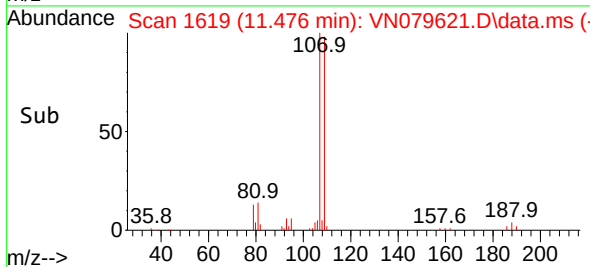
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

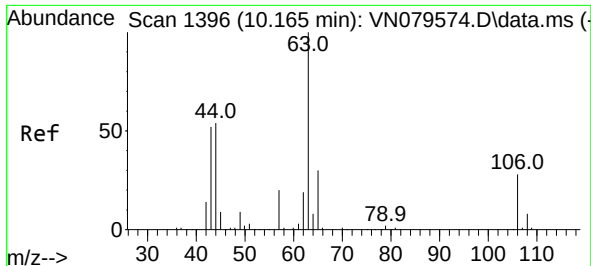


#54
1,2-Dibromoethane
Concen: 21.145 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.006 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05



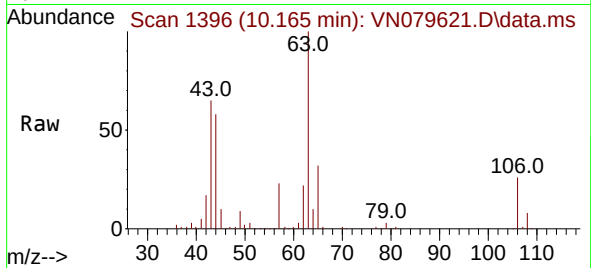
Tgt Ion:107 Resp: 62807
Ion Ratio Lower Upper
107 100
109 93.7 73.2 109.8





#55
2-Chloroethyl vinyl ether
Concen: 96.090 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

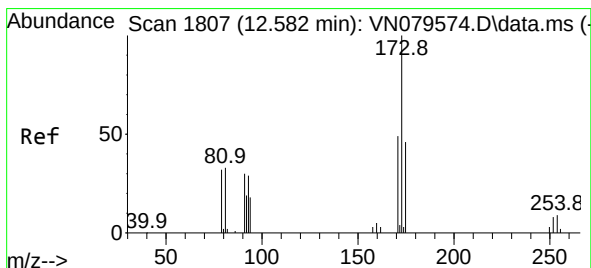
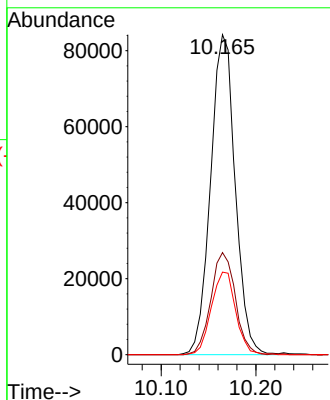
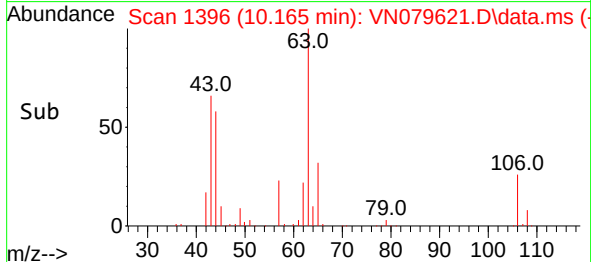
Instrument :
MSVOA_N
ClientSampleId :
VN1020WBSD01



Tgt Ion: 63 Resp: 15229
Ion Ratio Lower Upper
63 100
65 31.7 25.9 38.9
106 25.4 20.6 30.8

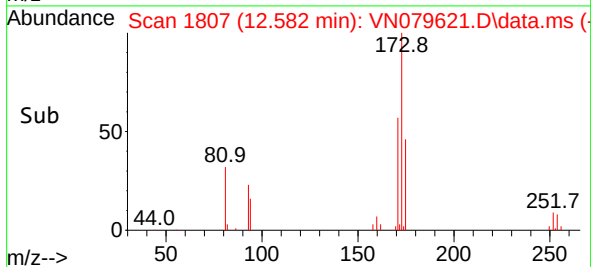
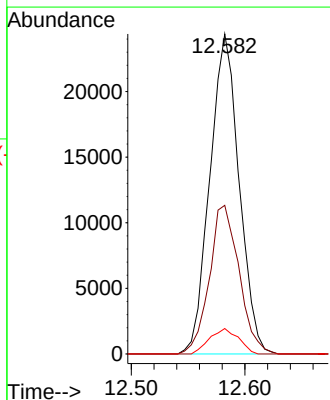
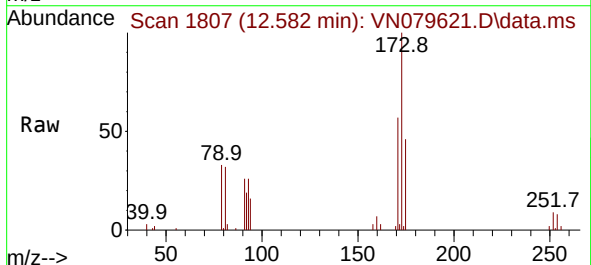
Manual Integrations
APPROVED

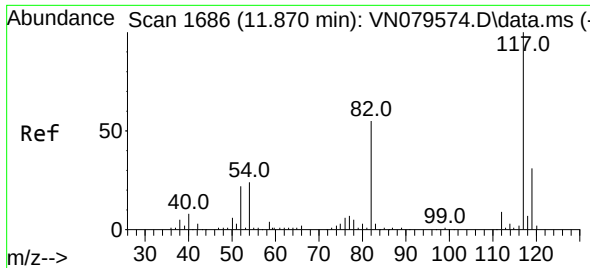
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#56
Bromoform
Concen: 21.445 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

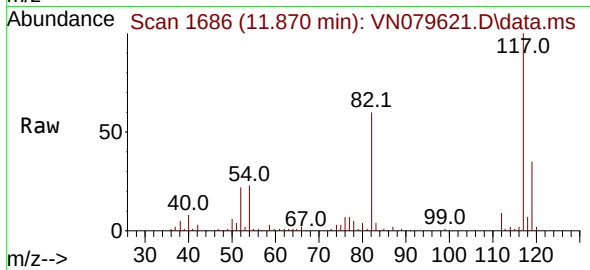
Tgt Ion:173 Resp: 43656
Ion Ratio Lower Upper
173 100
175 47.2 37.9 56.9
254 7.9 7.3 10.9





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

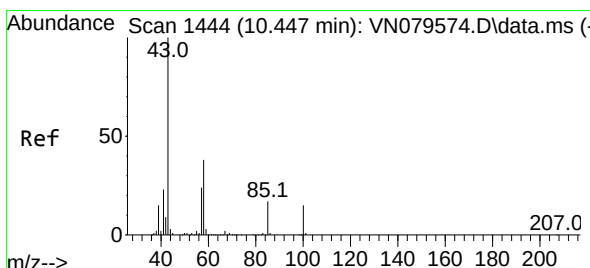
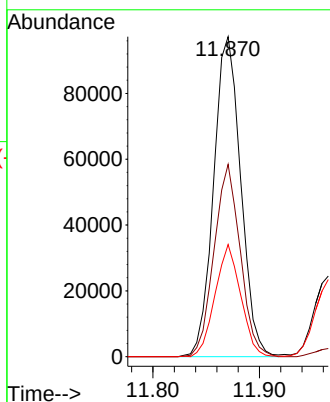
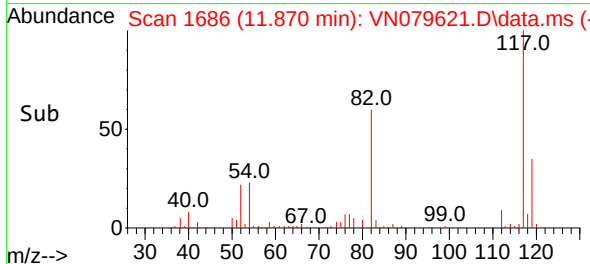
Instrument :
MSVOA_N
ClientSampleId :
VN1020WBSD01



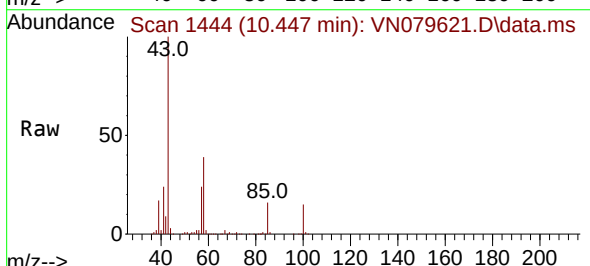
Tgt Ion:117 Resp: 171730
Ion Ratio Lower Upper
117 100
82 58.1 46.2 69.2
119 33.1 25.2 37.8

Manual Integrations
APPROVED

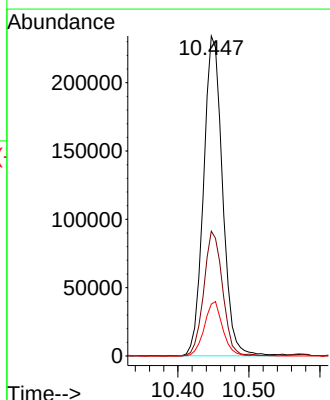
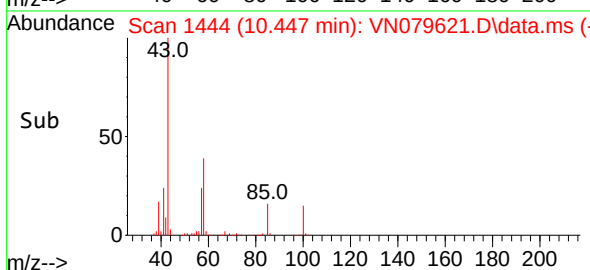
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

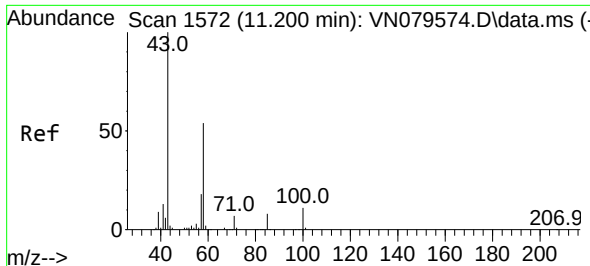


#58
4-Methyl-2-Pentanone
Concen: 108.620 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05



Tgt Ion: 43 Resp: 435095
Ion Ratio Lower Upper
43 100
58 38.5 30.4 45.6
85 16.4 13.2 19.8





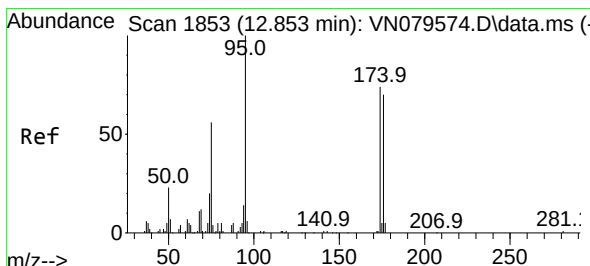
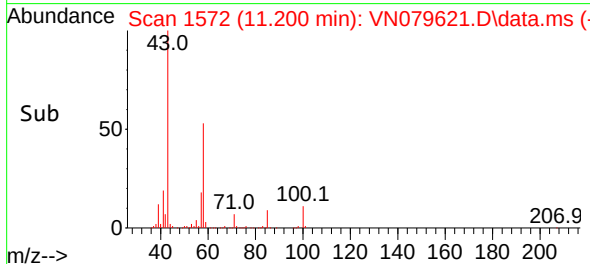
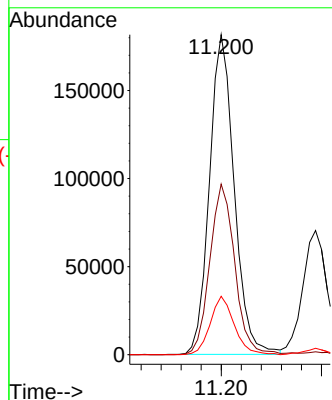
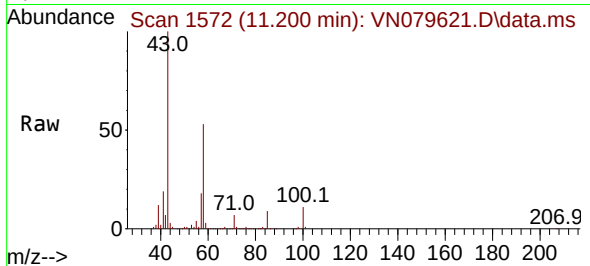
#59
2-Hexanone
Concen: 105.861 ug/l
RT: 11.200 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBSD01

Tgt Ion: 43 Resp: 31109
Ion Ratio Lower Upper
43 100
58 53.7 42.3 63.5
57 17.8 13.9 20.9

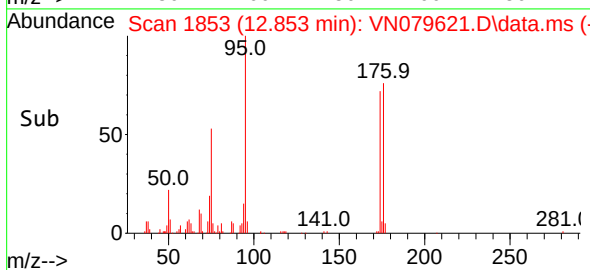
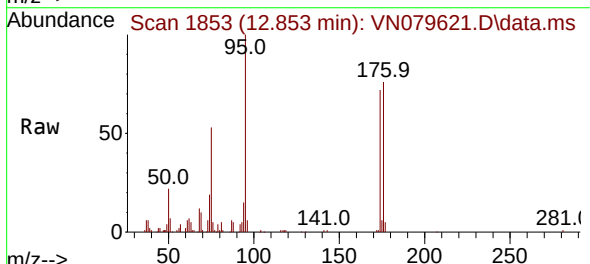
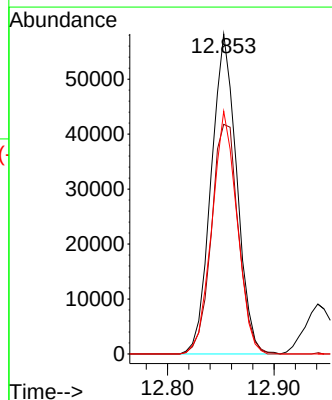
Manual Integrations
APPROVED

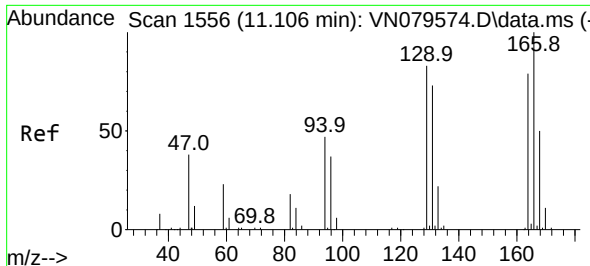
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#60
4-Bromofluorobenzene
Concen: 30.869 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

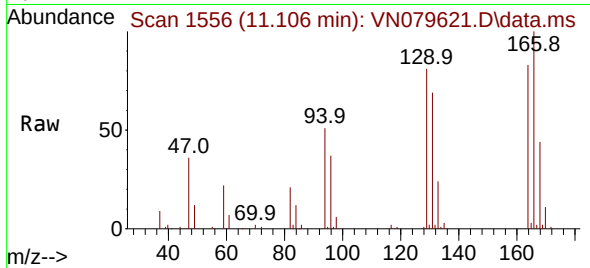
Tgt Ion: 95 Resp: 96947
Ion Ratio Lower Upper
95 100
174 75.9 60.5 90.7
176 74.4 57.2 85.8





#61
Tetrachloroethene
Concen: 20.753 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

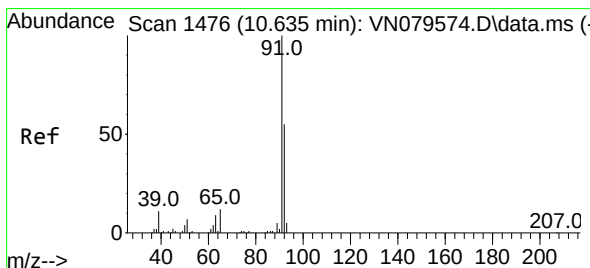
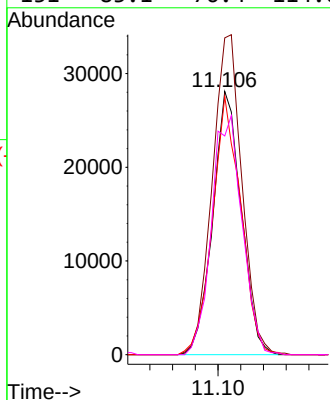
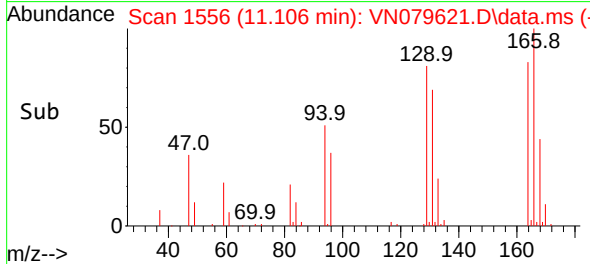
Instrument :
MSVOA_N
ClientSampleId :
VN1020WBSD01



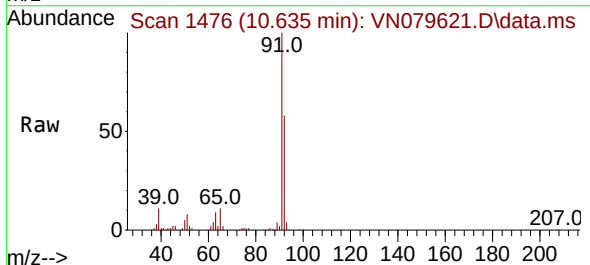
Tgt Ion:164 Resp: 48934
Ion Ratio Lower Upper
164 100
166 120.4 98.2 147.4
129 98.1 75.0 112.4
131 83.1 76.4 114.6

Manual Integrations
APPROVED

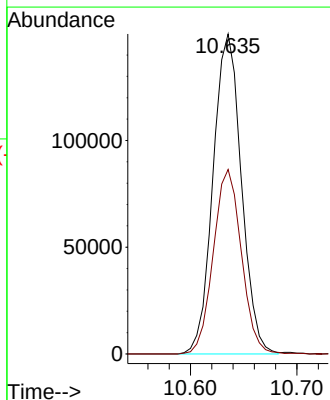
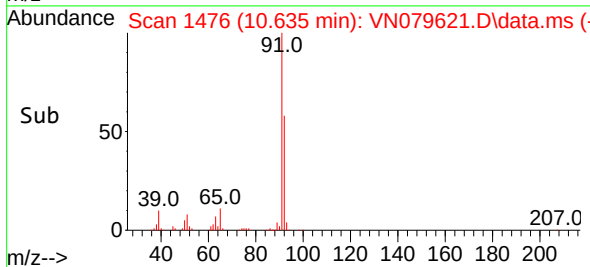
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

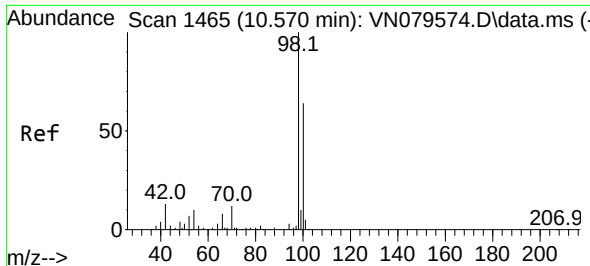


#62
Toluene
Concen: 21.052 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05



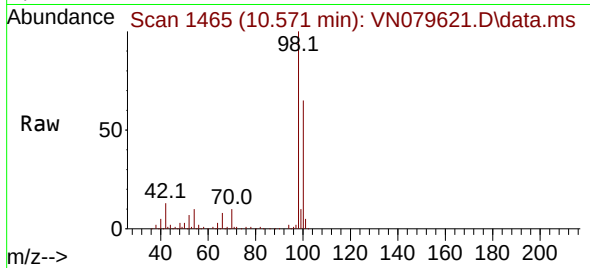
Tgt Ion: 91 Resp: 276309
Ion Ratio Lower Upper
91 100
92 57.1 45.3 67.9





#63
Toluene-d8
Concen: 30.387 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

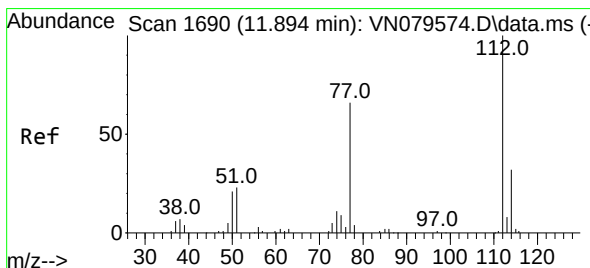
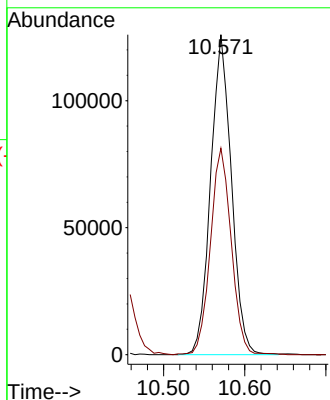
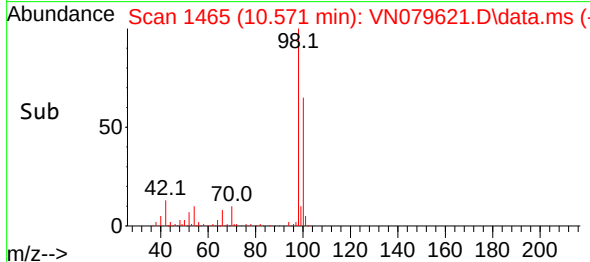
Instrument :
MSVOA_N
ClientSampleId :
VN1020WBSD01



Tgt Ion: 98 Resp: 223617
Ion Ratio Lower Upper
98 100
100 64.4 51.6 77.4

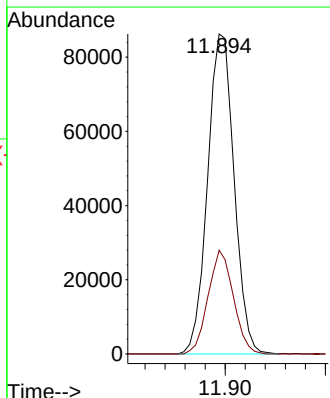
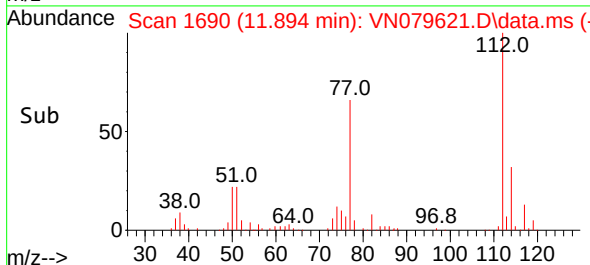
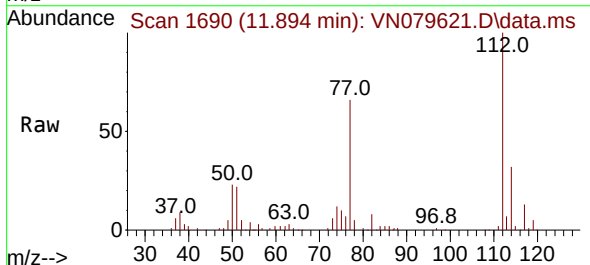
Manual Integrations
APPROVED

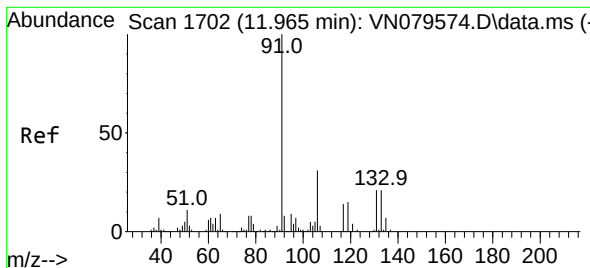
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#64
Chlorobenzene
Concen: 20.810 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

Tgt Ion:112 Resp: 158409
Ion Ratio Lower Upper
112 100
114 32.4 28.1 42.1





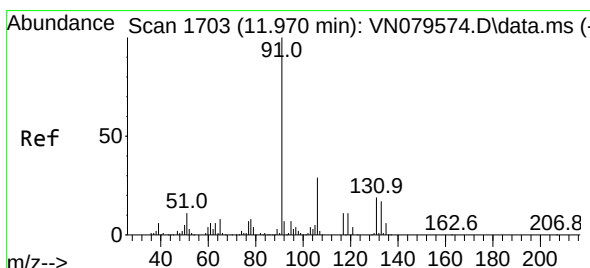
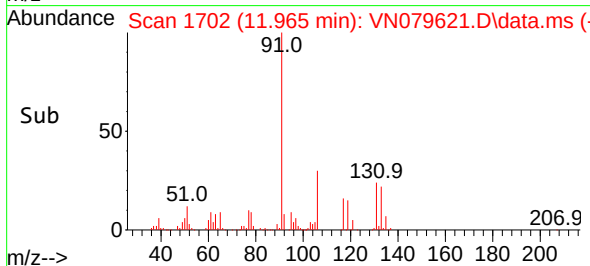
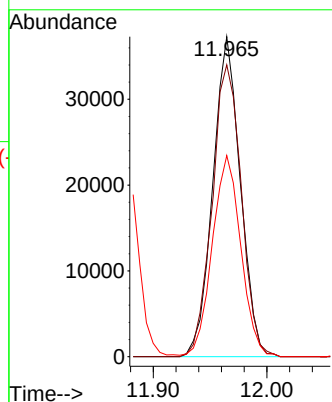
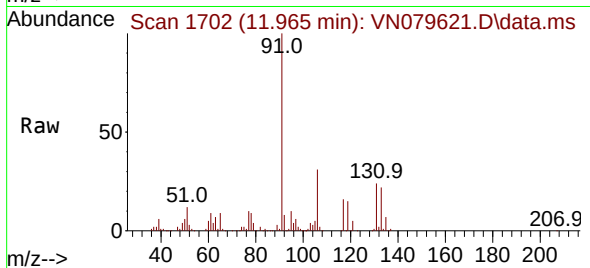
#65
1,1,1,2-Tetrachloroethane
Concen: 21.635 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBSD01

Tgt Ion:131 Resp: 62730
Ion Ratio Lower Upper
131 100
133 96.8 0.0 196.0
119 65.4 0.0 135.6

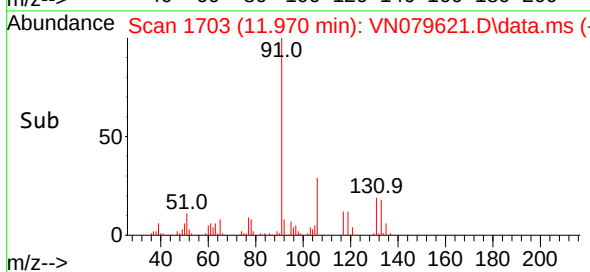
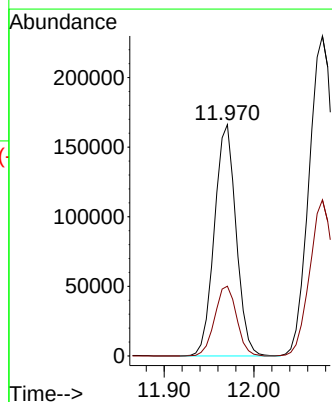
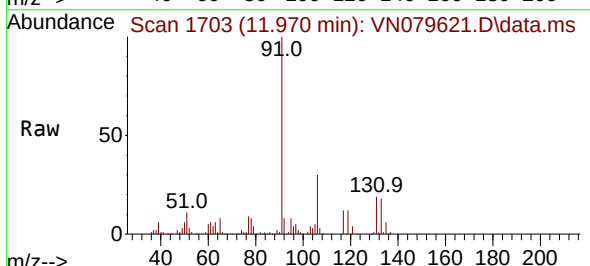
Manual Integrations
APPROVED

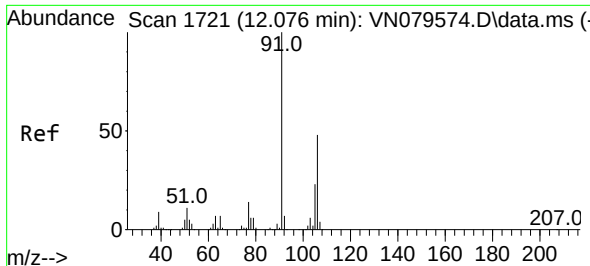
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#66
Ethyl Benzene
Concen: 20.644 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

Tgt Ion: 91 Resp: 279174
Ion Ratio Lower Upper
91 100
106 30.1 23.8 35.8





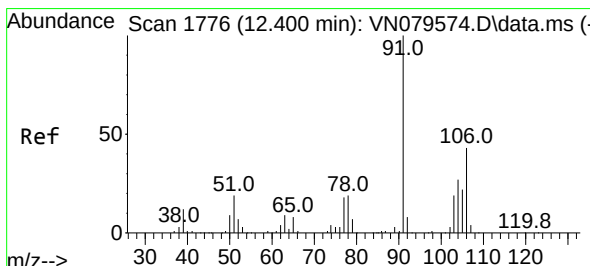
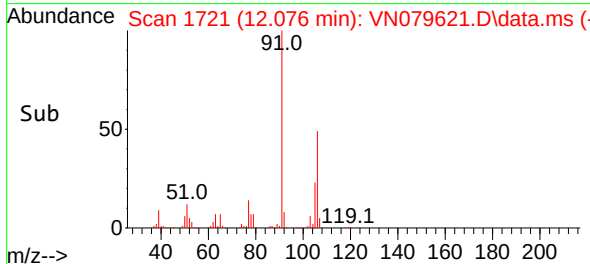
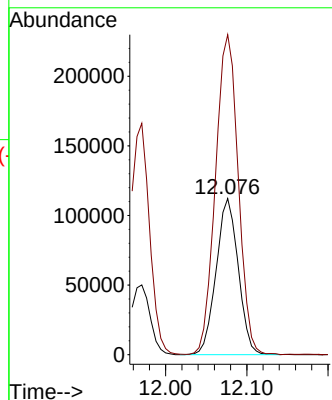
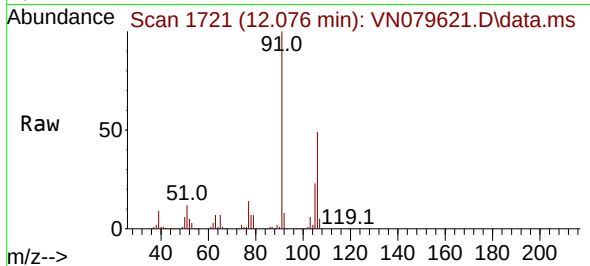
#67
m/p-Xylenes
Concen: 42.473 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBSD01

Tgt Ion:106 Resp: 21244
Ion Ratio Lower Upper
106 100
91 210.8 161.8 242.6

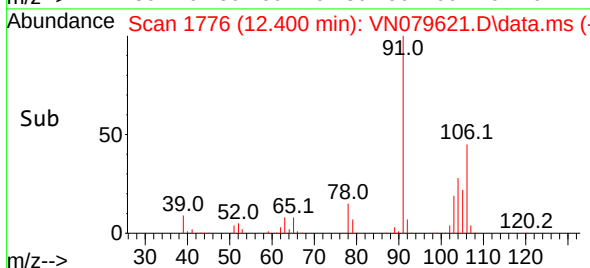
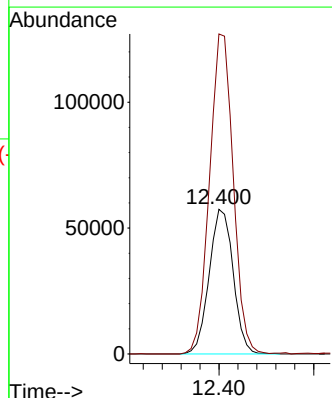
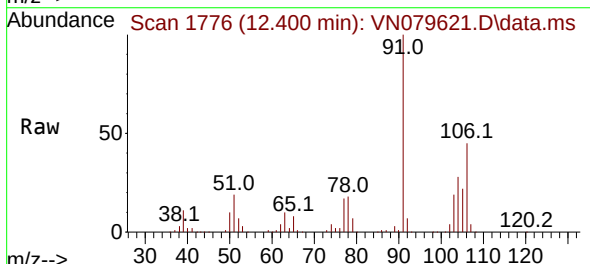
Manual Integrations
APPROVED

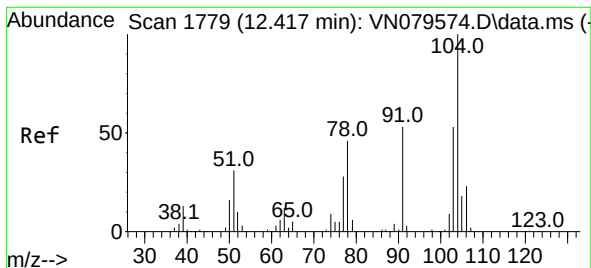
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#68
o-Xylene
Concen: 21.152 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

Tgt Ion:106 Resp: 101142
Ion Ratio Lower Upper
106 100
91 217.9 109.9 329.7





#69

Styrene

Concen: 21.671 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VN079621.D

Acq: 20 Oct 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN1020WBSD01

Tgt Ion:104 Resp: 16450

Ion Ratio Lower Upper

104 100

78 50.4 41.2 61.8

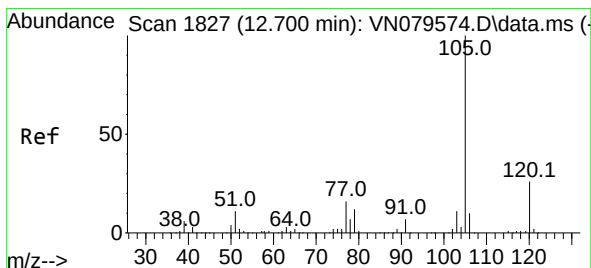
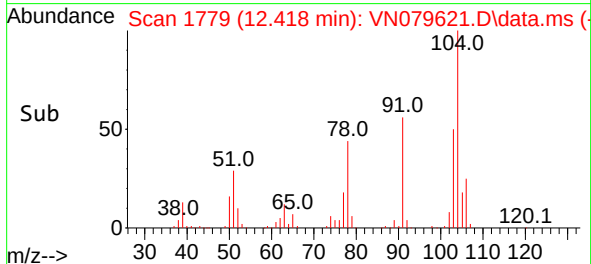
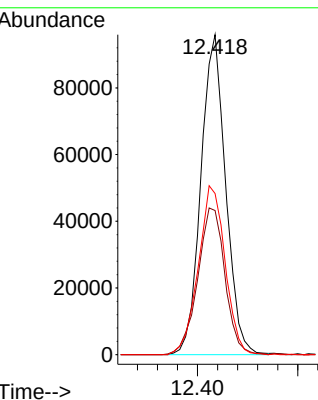
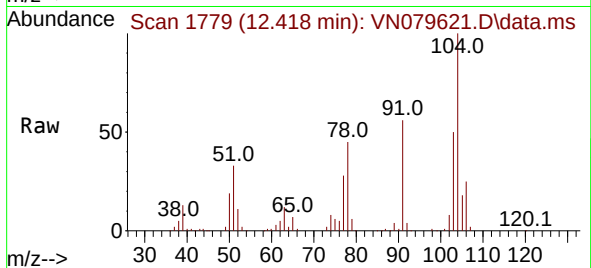
103 57.0 43.1 64.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/23/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#70

Isopropylbenzene

Concen: 20.560 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN079621.D

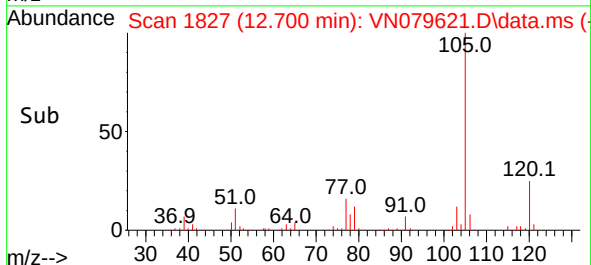
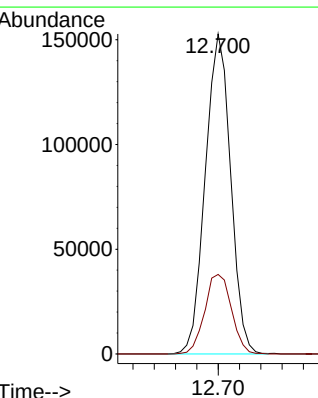
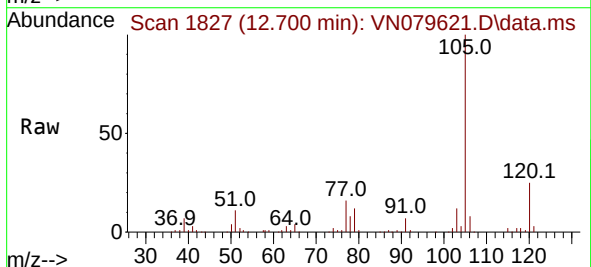
Acq: 20 Oct 2023 12:05

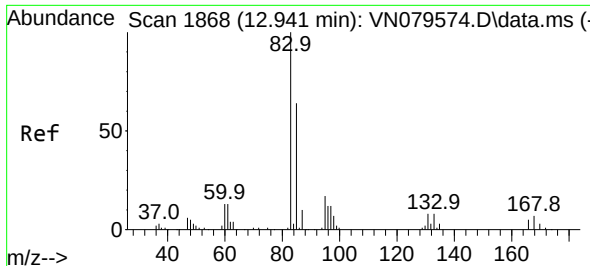
Tgt Ion:105 Resp: 252299

Ion Ratio Lower Upper

105 100

120 26.2 18.1 33.5





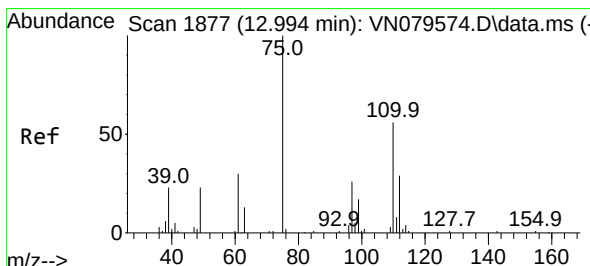
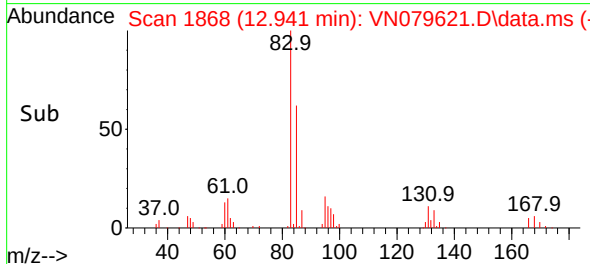
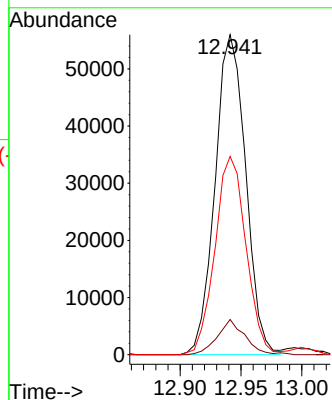
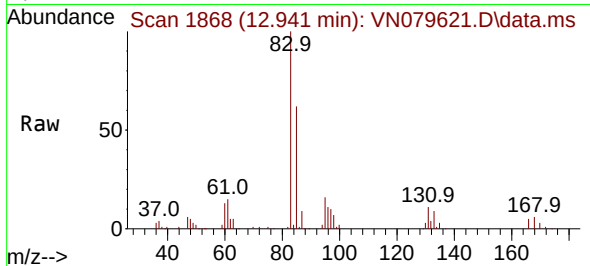
#71
1,1,2,2-Tetrachloroethane
Concen: 22.472 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBSD01

Tgt Ion: 83 Resp: 98050
Ion Ratio Lower Upper
83 100
131 9.8 4.5 13.4
85 62.8 32.1 96.3

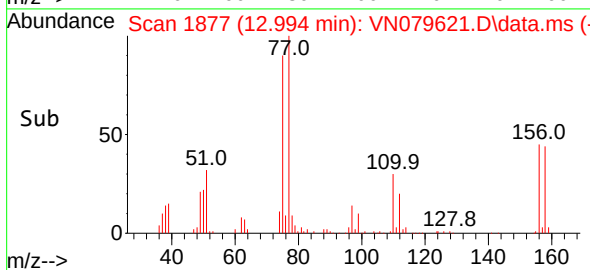
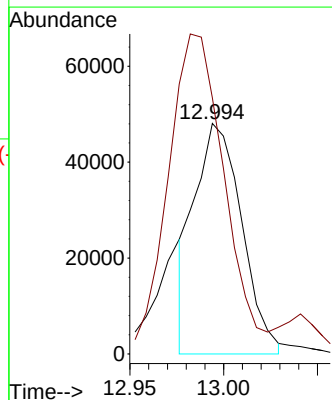
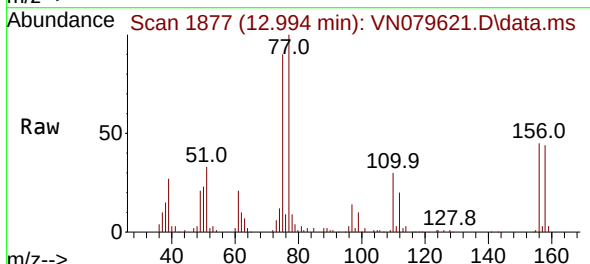
Manual Integrations
APPROVED

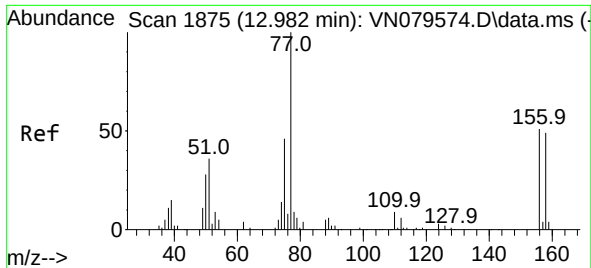
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#72
1,2,3-Trichloropropane
Concen: 21.184 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

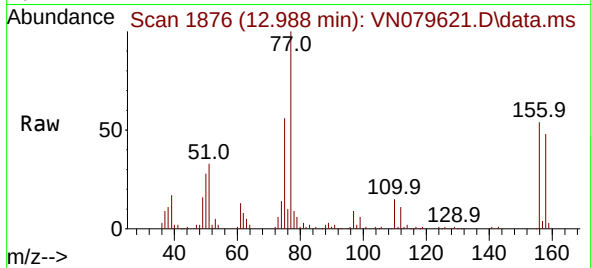
Tgt Ion: 75 Resp: 83938
Ion Ratio Lower Upper
75 100
77 166.0 0.0 338.2





#73
Bromobenzene
Concen: 21.454 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

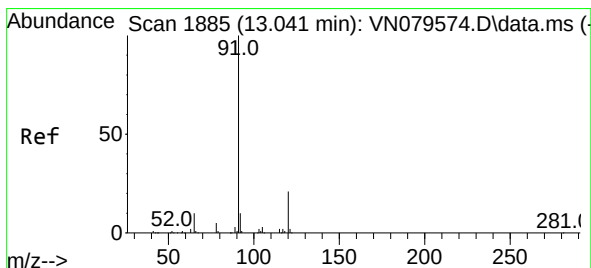
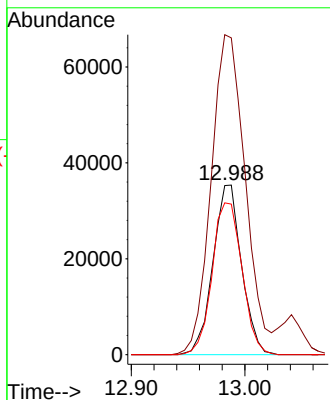
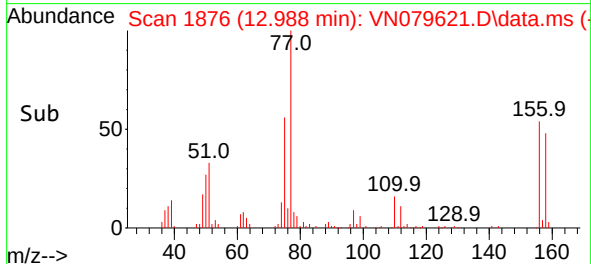
Instrument :
MSVOA_N
ClientSampleId :
VN1020WBSD01



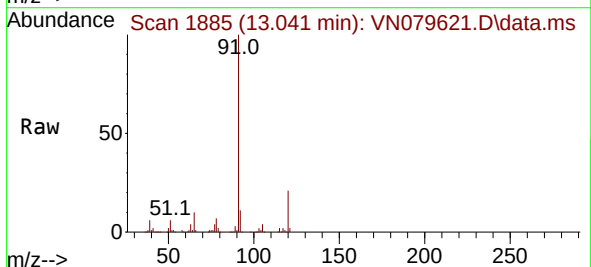
Tgt Ion:156 Resp: 61849
Ion Ratio Lower Upper
156 100
77 225.3 0.0 448.2
158 93.7 0.0 194.8

Manual Integrations
APPROVED

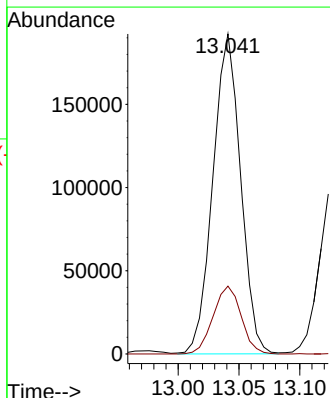
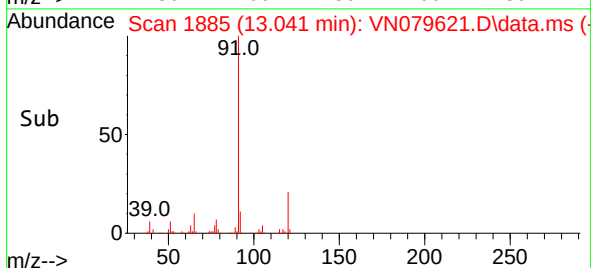
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

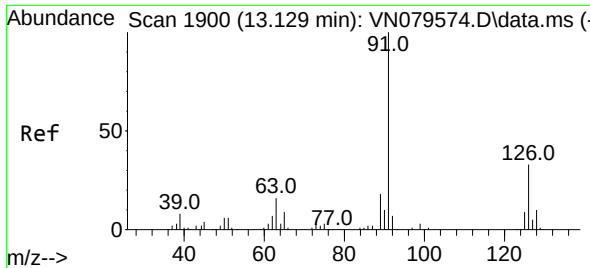


#74
n-propylbenzene
Concen: 21.327 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05



Tgt Ion: 91 Resp: 304687
Ion Ratio Lower Upper
91 100
120 21.4 0.0 42.0





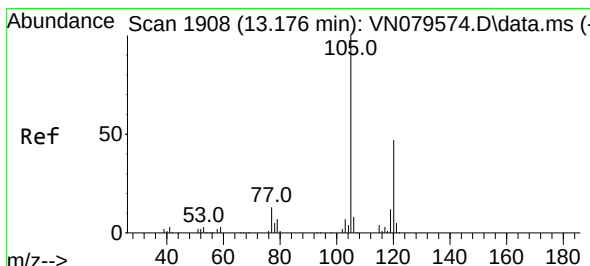
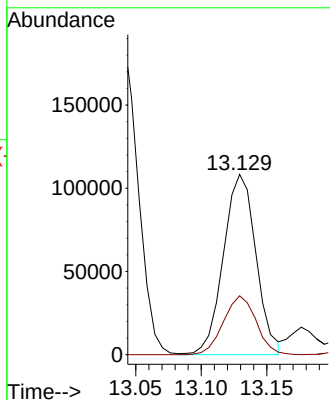
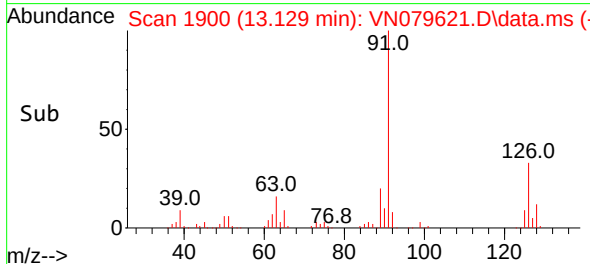
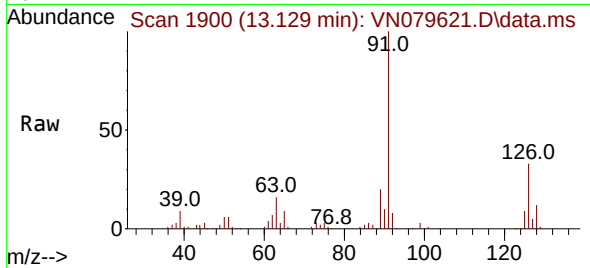
#75
2-Chlorotoluene
Concen: 21.127 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

Instrument :
MSVOA_N
ClientSampleId :
VN1020WBSD01

Tgt Ion: 91 Resp: 187640
Ion Ratio Lower Upper
91 100
126 32.7 0.0 64.6

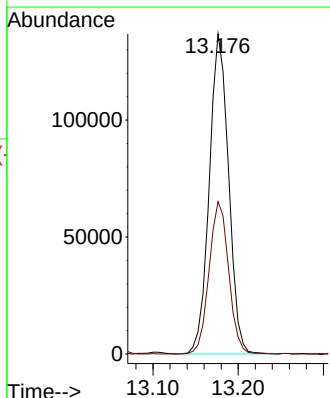
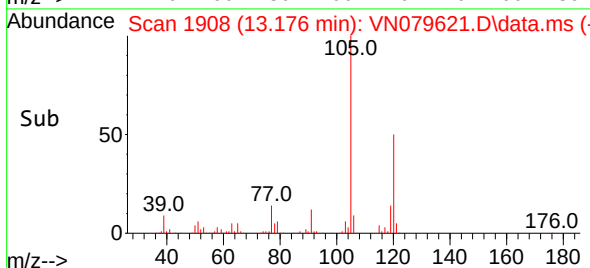
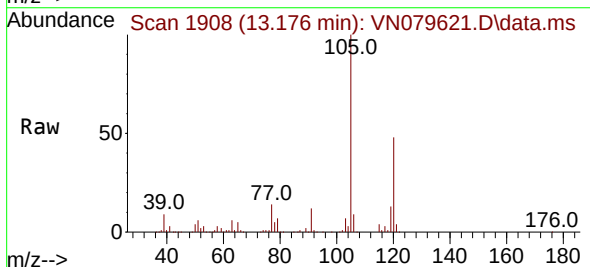
Manual Integrations
APPROVED

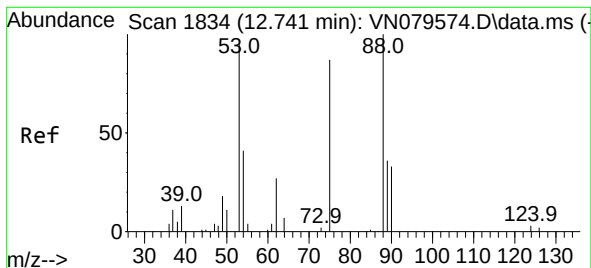
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#76
1,3,5-Trimethylbenzene
Concen: 21.454 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

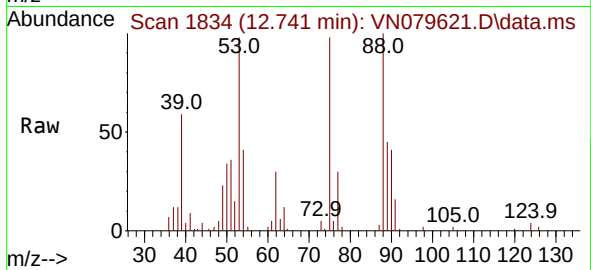
Tgt Ion:105 Resp: 215218
Ion Ratio Lower Upper
105 100
120 48.3 0.0 93.2





#77
t-1,4-Dichloro-2-butene
Concen: 21.939 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

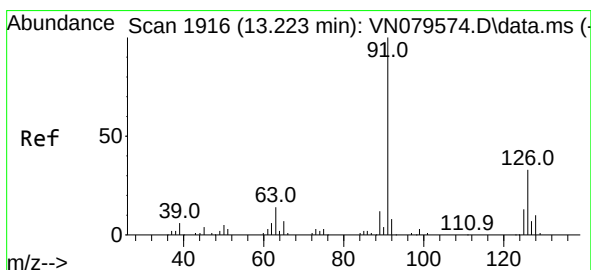
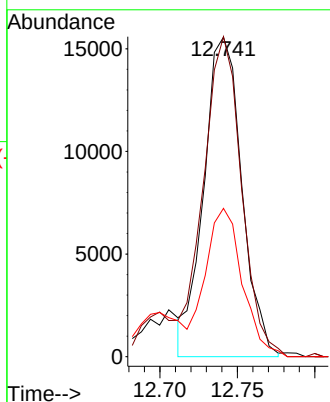
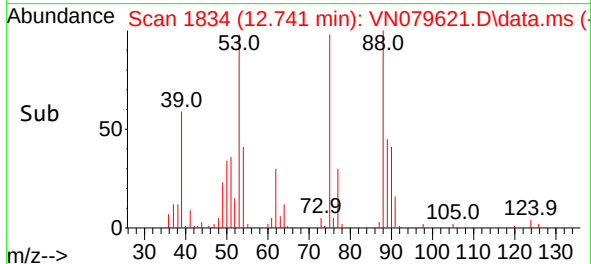
Instrument :
MSVOA_N
ClientSampleId :
VN1020WBSD01



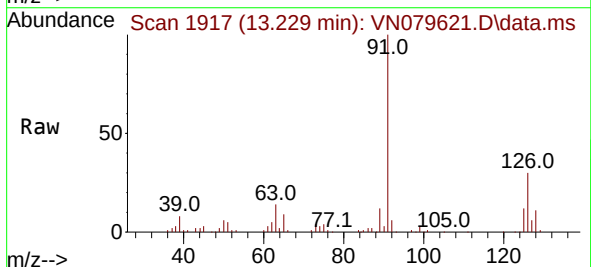
Tgt Ion: 75 Resp: 2653
Ion Ratio Lower Upper
75 100
53 98.6 53.0 159.1
89 45.1 22.6 67.7

Manual Integrations
APPROVED

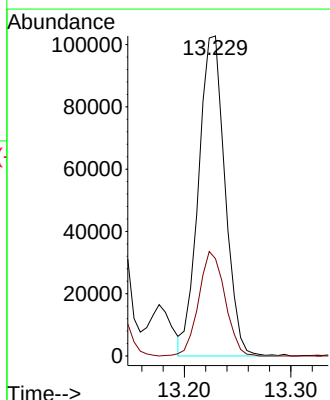
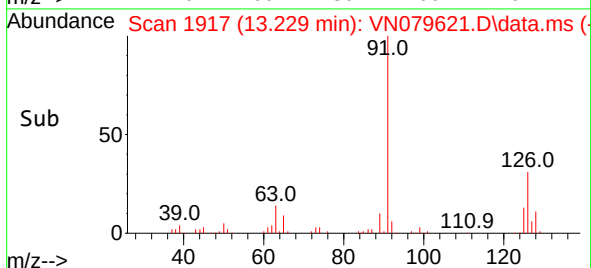
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

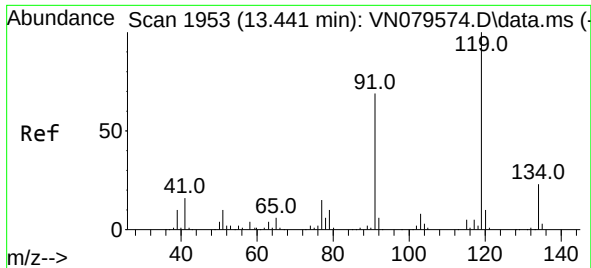


#78
4-Chlorotoluene
Concen: 21.167 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.006 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05



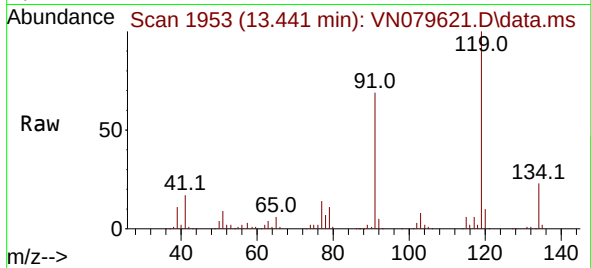
Tgt Ion: 91 Resp: 177620
Ion Ratio Lower Upper
91 100
126 32.5 0.0 65.4





#79
tert-butylbenzene
Concen: 20.589 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

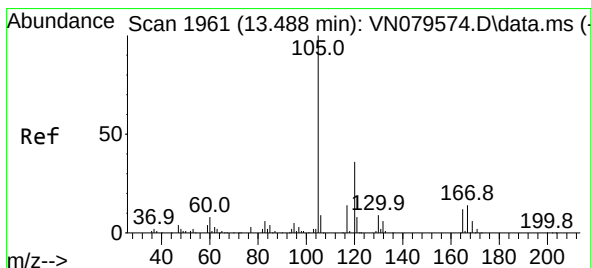
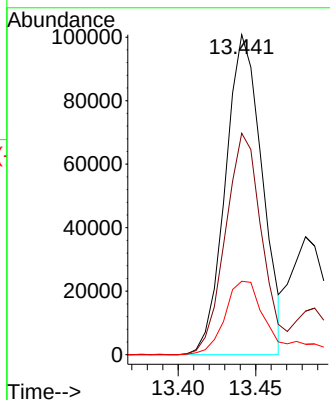
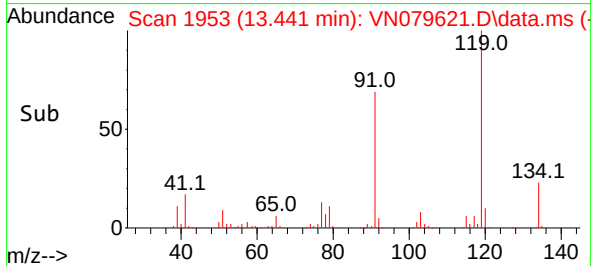
Instrument :
MSVOA_N
ClientSampleId :
VN1020WBSD01



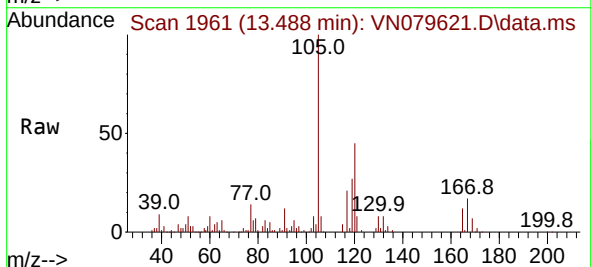
Tgt Ion:119 Resp: 166062
Ion Ratio Lower Upper
119 100
91 69.4 0.0 140.6
134 24.4 0.0 49.8

Manual Integrations
APPROVED

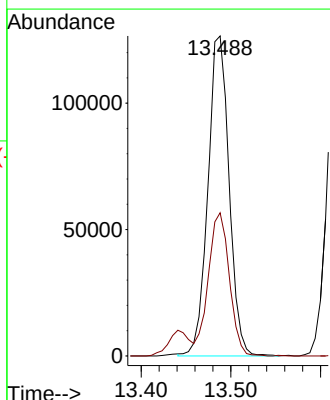
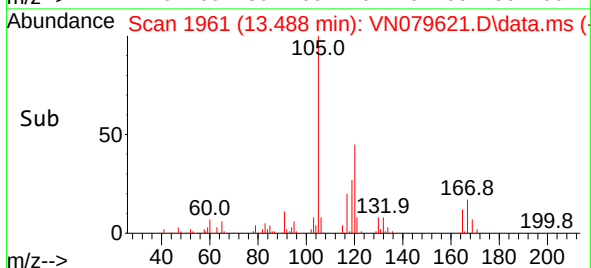
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

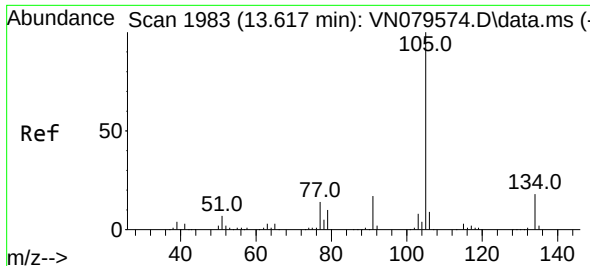


#80
1,2,4-Trimethylbenzene
Concen: 21.352 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05



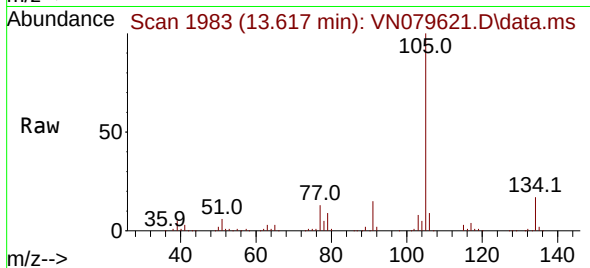
Tgt Ion:105 Resp: 207539
Ion Ratio Lower Upper
105 100
120 44.5 0.0 88.6





#81
 sec-Butylbenzene
 Concen: 21.400 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN079621.D
 Acq: 20 Oct 2023 12:05

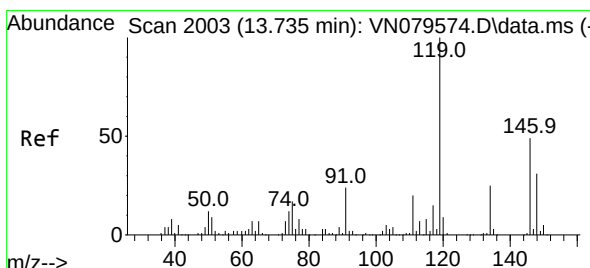
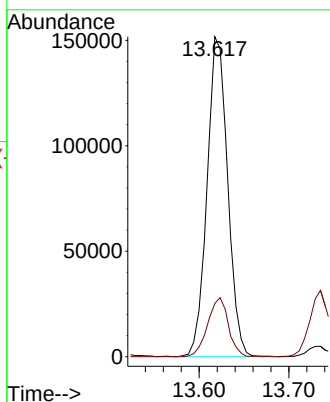
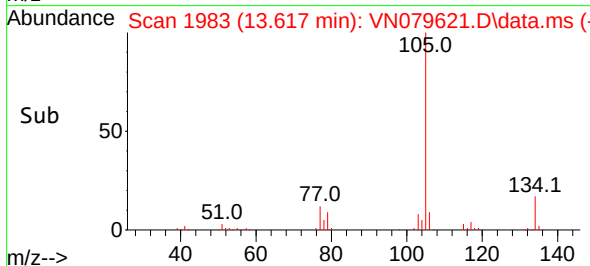
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1020WBSD01



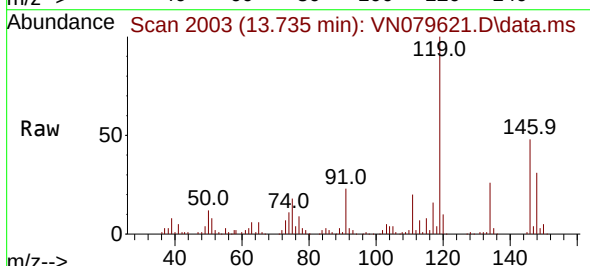
Tgt Ion:105 Resp: 242300
 Ion Ratio Lower Upper
 105 100
 134 18.5 0.0 38.2

Manual Integrations
 APPROVED

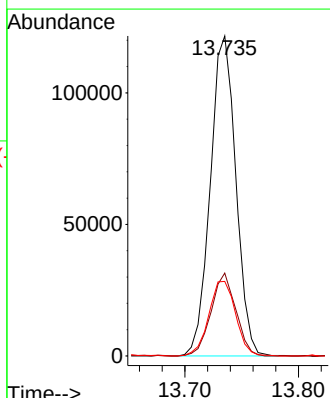
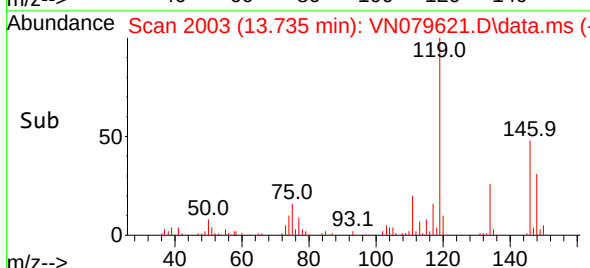
Reviewed By :John Carlone 10/23/2023
 Supervised By :Semsettin Yesilyurt 10/24/2023

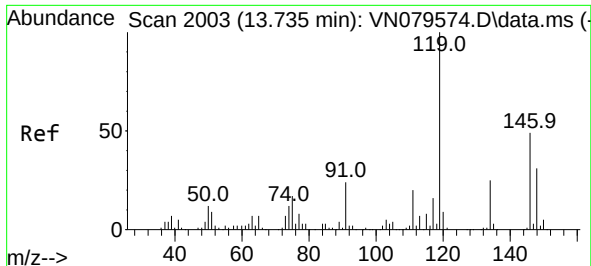


#82
 p-Isopropyltoluene
 Concen: 21.188 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079621.D
 Acq: 20 Oct 2023 12:05



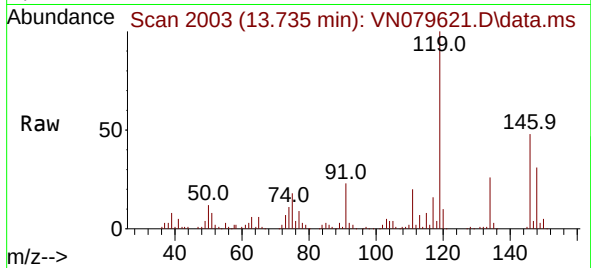
Tgt Ion:119 Resp: 190302
 Ion Ratio Lower Upper
 119 100
 134 25.1 0.0 52.2
 91 24.6 0.0 50.0





#83
1,3-Dichlorobenzene
Concen: 21.166 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

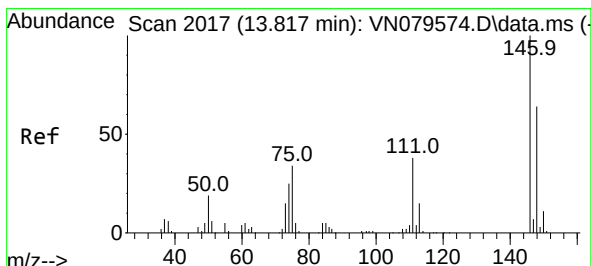
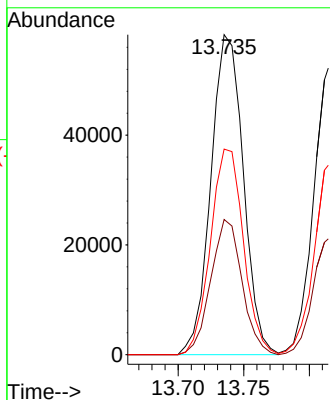
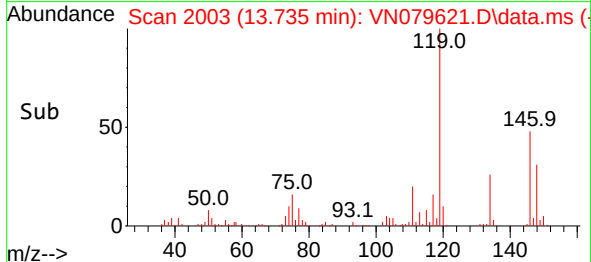
Instrument :
MSVOA_N
ClientSampleId :
VN1020WBSD01



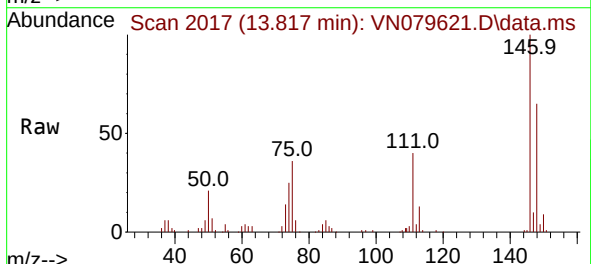
Tgt Ion:146 Resp: 100330
Ion Ratio Lower Upper
146 100
111 40.7 21.0 63.0
148 65.3 32.4 97.0

Manual Integrations
APPROVED

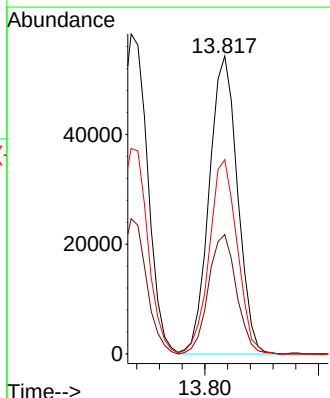
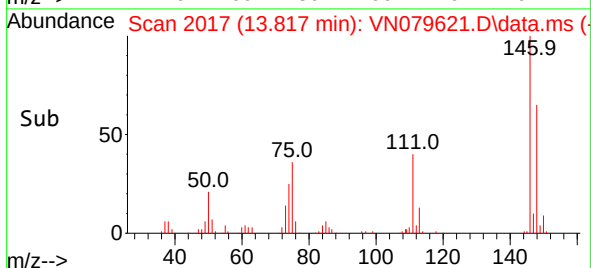
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

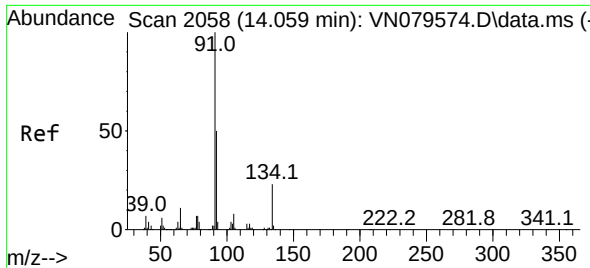


#84
1,4-Dichlorobenzene
Concen: 20.682 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05



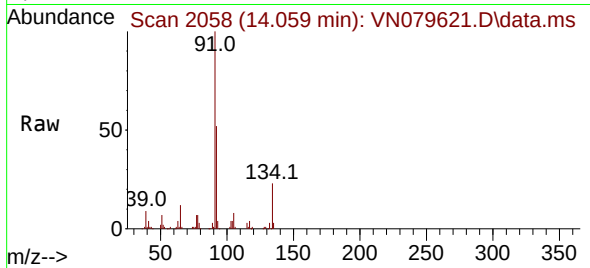
Tgt Ion:146 Resp: 93985
Ion Ratio Lower Upper
146 100
111 39.7 19.9 59.7
148 64.3 32.6 97.7





#85
n-Butylbenzene
Concen: 20.163 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

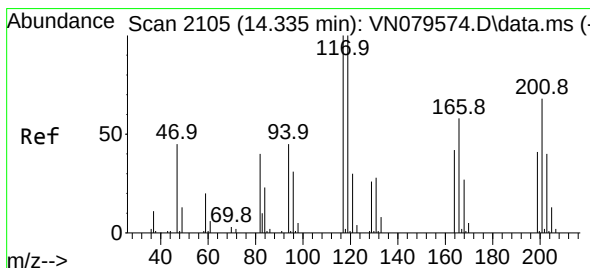
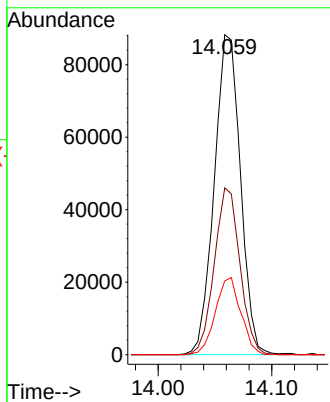
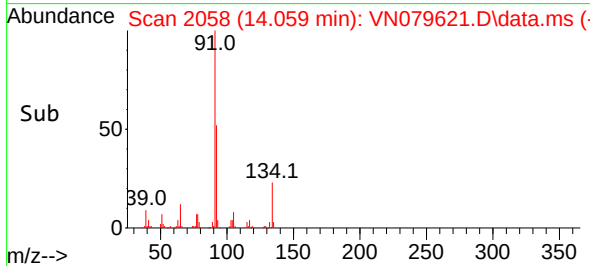
Instrument :
MSVOA_N
ClientSampleId :
VN1020WBSD01



Tgt Ion: 91 Resp: 14149
Ion Ratio Lower Upper
91 100
92 51.0 0.0 99.6
134 23.4 0.0 46.2

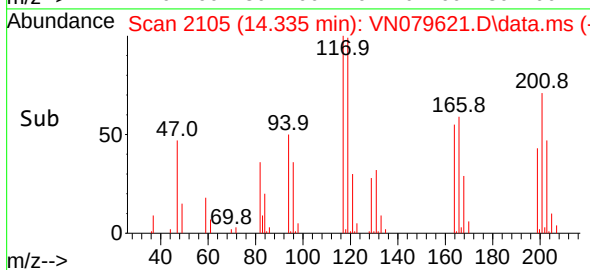
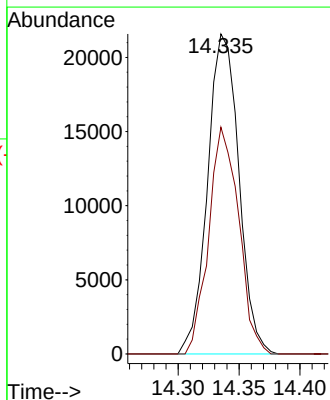
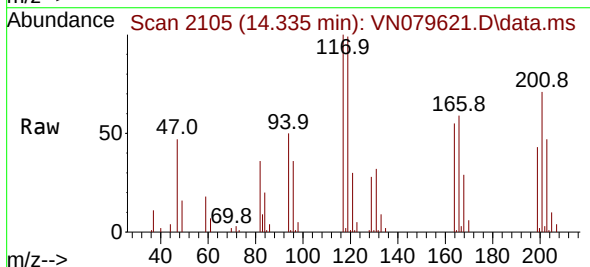
Manual Integrations
APPROVED

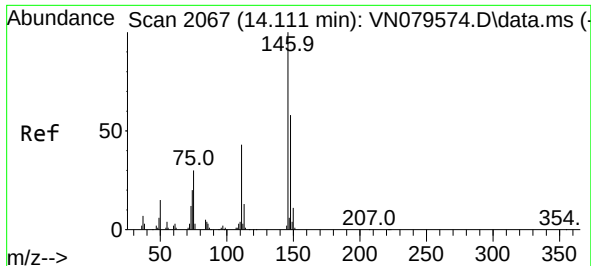
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#86
Hexachloroethane
Concen: 19.902 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

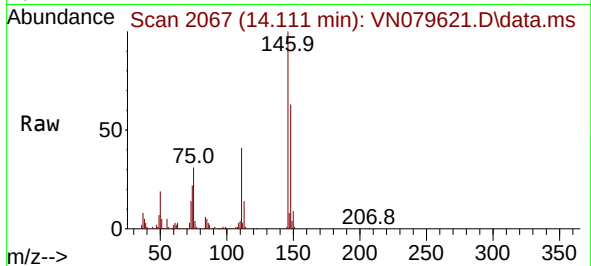
Tgt Ion:117 Resp: 38643
Ion Ratio Lower Upper
117 100
201 67.9 32.5 97.5





#87
1,2-Dichlorobenzene
Concen: 21.113 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

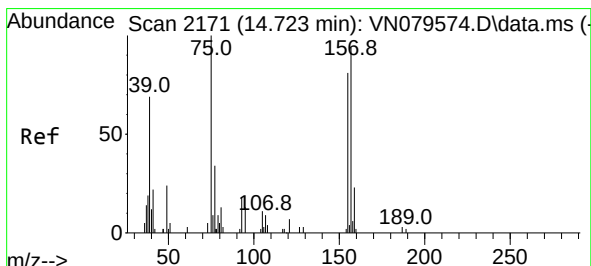
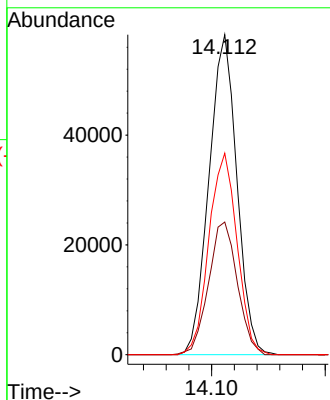
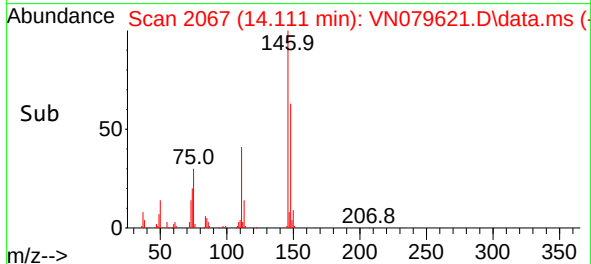
Instrument :
MSVOA_N
ClientSampleId :
VN1020WBSD01



Tgt Ion:146 Resp: 99475
Ion Ratio Lower Upper
146 100
111 42.8 22.0 66.0
148 63.5 31.1 93.5

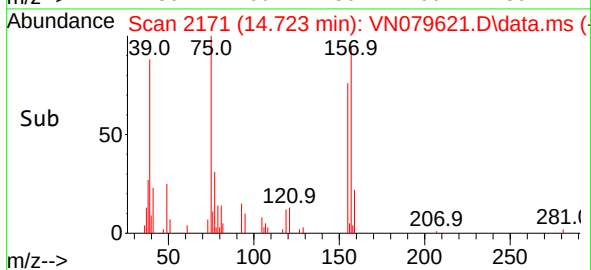
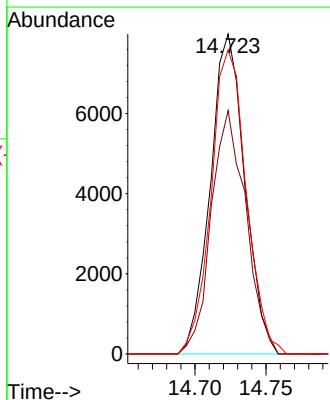
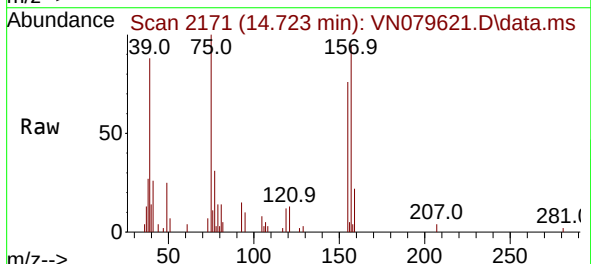
Manual Integrations
APPROVED

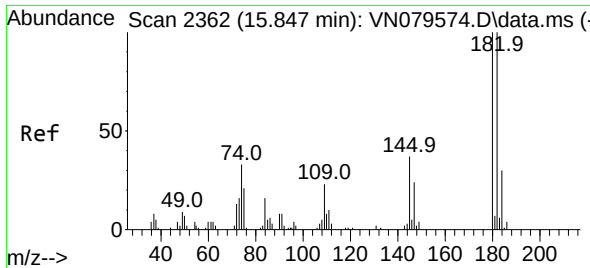
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023



#88
1,2-Dibromo-3-Chloropropane
Concen: 20.257 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

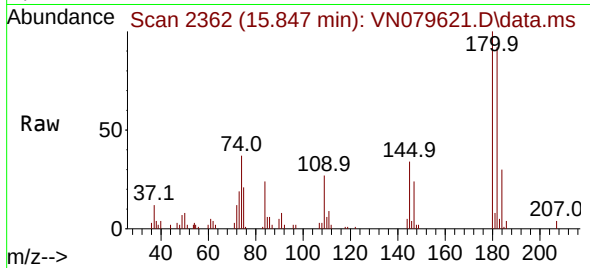
Tgt Ion: 75 Resp: 13468
Ion Ratio Lower Upper
75 100
155 76.5 60.7 91.1
157 97.0 76.8 115.2





#89
1,2,4-Trichlorobenzene
Concen: 17.412 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05

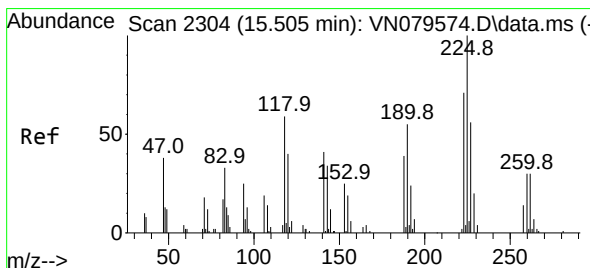
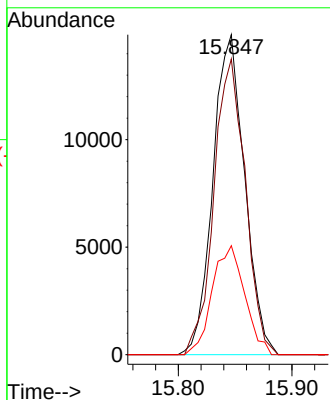
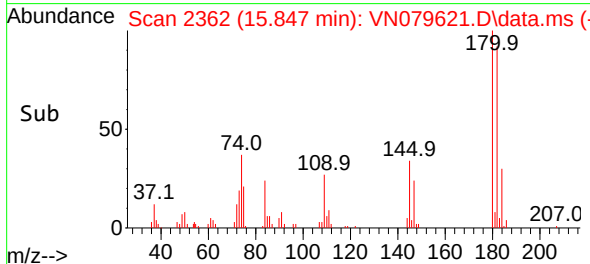
Instrument :
MSVOA_N
ClientSampleId :
VN1020WBSD01



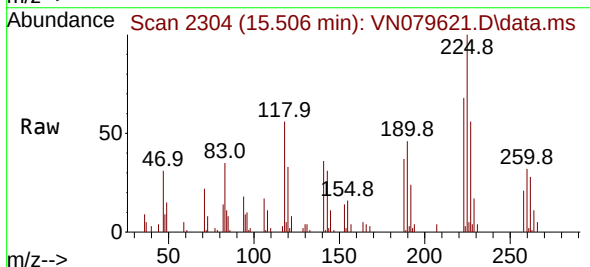
Tgt Ion:180 Resp: 2891
Ion Ratio Lower Upper
180 100
182 91.4 74.2 111.4
145 34.8 25.4 38.2

Manual Integrations
APPROVED

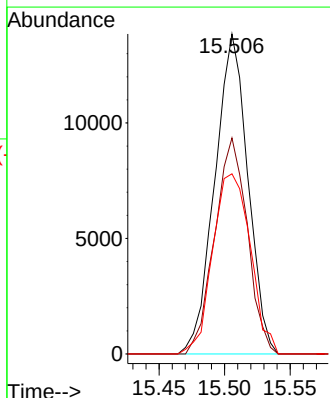
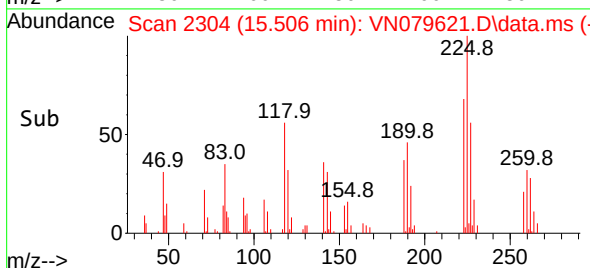
Reviewed By :John Carlone 10/23/2023
Supervised By :Semsettin Yesilyurt 10/24/2023

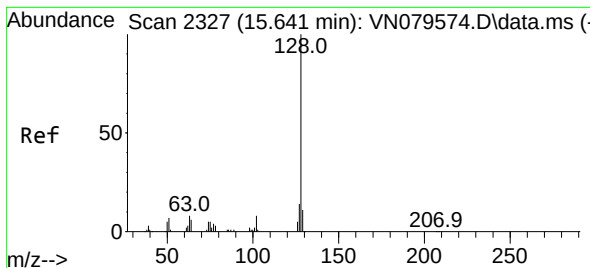


#90
Hexachlorobutadiene
Concen: 20.639 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079621.D
Acq: 20 Oct 2023 12:05



Tgt Ion:225 Resp: 24278
Ion Ratio Lower Upper
225 100
223 66.7 0.0 126.0
227 64.1 0.0 127.0





#91

Naphthalene

Concen: 14.208 ug/l

RT: 15.647 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN079621.D

Acq: 20 Oct 2023 12:05

Instrument :

MSVOA_N

ClientSampleId :

VN1020WBSD01

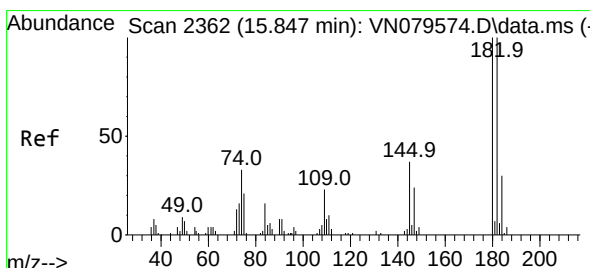
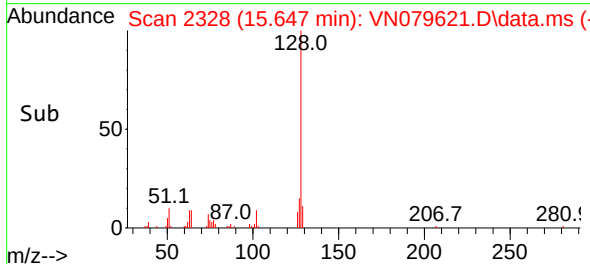
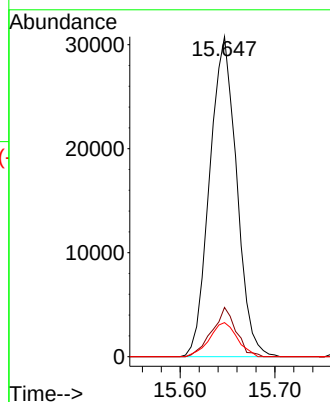
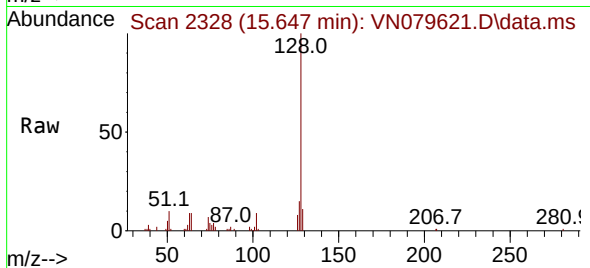
Tgt Ion:	128	Resp:	6086
Ion Ratio	Lower	Upper	
128	100		
127	13.6	10.9	16.3
129	10.9	8.6	12.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 10/23/2023

Supervised By :Semsettin Yesilyurt 10/24/2023



#92

1,2,3-Trichlorobenzene

Concen: 17.412 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VN079621.D

Acq: 20 Oct 2023 12:05

Tgt Ion:	180	Resp:	28915
Ion Ratio	Lower	Upper	
180	100		
182	91.4	0.0	185.6
145	34.8	0.0	63.6

