

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062123\
 Data File : VN078319.D
 Acq On : 21 Jun 2023 13:58
 Operator : JC\MD
 Sample : VN0621WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/22/2023
 Supervised By : Mahesh Dadoda 06/22/2023

Quant Time: Jun 22 04:48:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	380021	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	663625	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	577542	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	212233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	271132	53.511	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.020%			
35) Dibromofluoromethane	8.177	113	222986	53.142	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.280%			
50) Toluene-d8	10.571	98	809935	50.070	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.140%			
62) 4-Bromofluorobenzene	12.853	95	254109	50.531	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	61313	14.273	ug/l	86
3) Chloromethane	2.377	50	69673	16.000	ug/l	97
4) Vinyl Chloride	2.524	62	101765	18.091	ug/l	96
5) Bromomethane	2.959	94	78681	18.508	ug/l	93
6) Chloroethane	3.130	64	69883	18.224	ug/l	99
7) Trichlorofluoromethane	3.500	101	155188	20.344	ug/l	96
8) Diethyl Ether	3.971	74	56358	21.027	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.383	101	86959	21.601	ug/l	98
10) Methyl Iodide	4.600	142	113683	19.968	ug/l	95
11) Tert butyl alcohol	5.530	59	62420	89.219	ug/l	99
12) 1,1-Dichloroethene	4.353	96	79174	19.079	ug/l	95
13) Acrolein	4.189	56	85420	110.780	ug/l	100
14) Allyl chloride	5.036	41	98654	19.475	ug/l	93
15) Acrylonitrile	5.730	53	181390	100.563	ug/l	97
16) Acetone	4.436	43	161177	110.515	ug/l	100
17) Carbon Disulfide	4.718	76	171652	16.070	ug/l	99
18) Methyl Acetate	5.036	43	151418	22.551	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	244324	18.453	ug/l	94
20) Methylene Chloride	5.294	84	85766	17.796	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	72931	16.294	ug/l #	81
22) Diisopropyl ether	6.683	45	232118	19.480	ug/l #	95
23) Vinyl Acetate	6.612	43	675688	95.393	ug/l #	88
24) 1,1-Dichloroethane	6.577	63	150066	19.091	ug/l	96
25) 2-Butanone	7.494	43	217254	96.870	ug/l	89
26) 2,2-Dichloropropane	7.500	77	120540	20.768	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	91716	17.179	ug/l	93
28) Bromochloromethane	7.824	49	78288	21.692	ug/l	90
29) Tetrahydrofuran	7.841	42	135631	90.464	ug/l	88
30) Chloroform	7.977	83	162096	19.150	ug/l	90
31) Cyclohexane	8.265	56	100697	15.493	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	135366	18.216	ug/l	96
36) 1,1-Dichloropropene	8.382	75	110062	18.287	ug/l	96
37) Ethyl Acetate	7.565	43	88671	18.859	ug/l	95
38) Carbon Tetrachloride	8.371	117	118452	18.639	ug/l	98
39) Methylcyclohexane	9.612	83	85643	13.731	ug/l	89
40) Benzene	8.612	78	333087	18.537	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	50657	19.877	ug/l	93
42) 1,2-Dichloroethane	8.677	62	124637	20.231	ug/l	99
43) Isopropyl Acetate	8.694	43	166779	18.548	ug/l #	92
44) Trichloroethene	9.359	130	86264	18.179	ug/l	100
45) 1,2-Dichloropropane	9.629	63	87901	19.662	ug/l	99
46) Dibromomethane	9.712	93	62117	18.864	ug/l	94
47) Bromodichloromethane	9.894	83	128229	20.964	ug/l	96
48) Methyl methacrylate	9.688	41	70739	18.746	ug/l	94
49) 1,4-Dioxane	9.700	88	28423	358.372	ug/l #	89
51) 4-Methyl-2-Pentanone	10.453	43	479006	101.161	ug/l	95
52) Toluene	10.635	92	212165	18.702	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	128024	20.098	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	139479	19.808	ug/l	94
55) 1,1,2-Trichloroethane	11.023	97	90035	20.979	ug/l	96
56) Ethyl methacrylate	10.876	69	119732	19.161	ug/l #	89
57) 1,3-Dichloropropane	11.171	76	150127	20.724	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	236320	93.616	ug/l	91
59) 2-Hexanone	11.200	43	339246	102.896	ug/l	90
60) Dibromochloromethane	11.365	129	92728	19.746	ug/l	99
61) 1,2-Dibromoethane	11.476	107	85563	18.998	ug/l	98
64) Tetrachloroethene	11.112	164	66760	17.327	ug/l	96
65) Chlorobenzene	11.900	112	227554	18.398	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	88665	19.491	ug/l	99
67) Ethyl Benzene	11.970	91	374374	17.542	ug/l	98
68) m/p-Xylenes	12.076	106	286686	35.249	ug/l	99
69) o-Xylene	12.406	106	139504	17.466	ug/l	93
70) Styrene	12.418	104	223716	17.792	ug/l	95
71) Bromoform	12.582	173	58889	20.059	ug/l #	99
73) Isopropylbenzene	12.700	105	342356	17.059	ug/l	100
74) N-amyl acetate	12.500	43	114901	17.386	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	124275	21.099	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	95613m	19.057	ug/l	
77) Bromobenzene	12.988	156	82180	17.639	ug/l	99
78) n-propylbenzene	13.041	91	369022	16.924	ug/l	100
79) 2-Chlorotoluene	13.129	91	243268	17.284	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	272253	16.755	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	33310	20.397	ug/l	88
82) 4-Chlorotoluene	13.229	91	227785	17.340	ug/l	99
83) tert-Butylbenzene	13.447	119	212424	15.040	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	270518	17.172	ug/l	100
85) sec-Butylbenzene	13.623	105	290223	15.699	ug/l	99
86) p-Isopropyltoluene	13.735	119	230811	15.385	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	132820	16.854	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	128400	16.885	ug/l	97
89) n-Butylbenzene	14.059	91	169696	14.341	ug/l	96
90) Hexachloroethane	14.335	117	43559	16.361	ug/l	85
91) 1,2-Dichlorobenzene	14.111	146	136992	17.787	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.729	75	18243	18.352	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	34648	12.626	ug/l	95
94) Hexachlorobutadiene	15.500	225	21746	14.252	ug/l	96
95) Naphthalene	15.647	128	111310	12.059	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	42916	13.983	ug/l	98

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ClientSampleId :
VN0621WBSD01

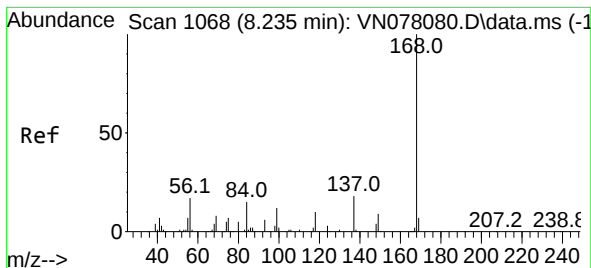
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

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



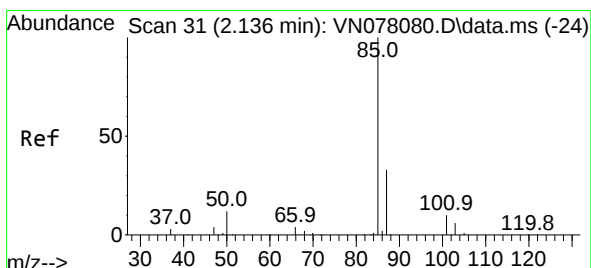
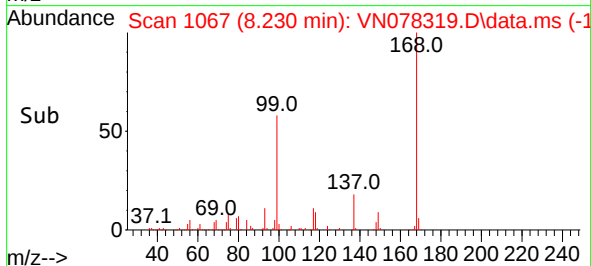
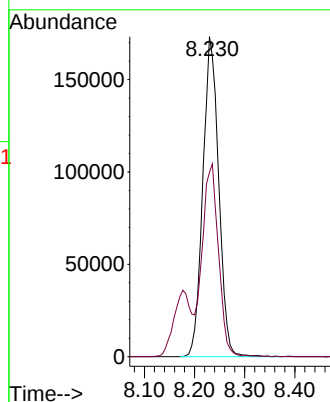
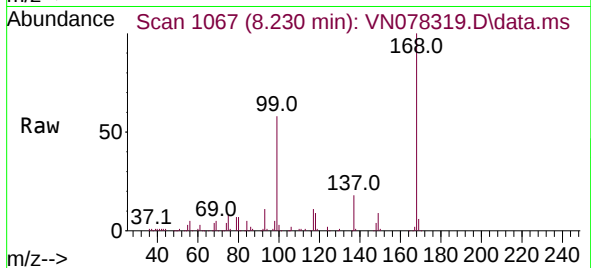
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion:168 Resp: 38002
Ion Ratio Lower Upper
168 100
99 57.6 53.0 79.6

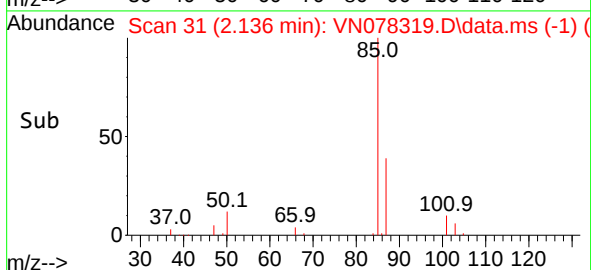
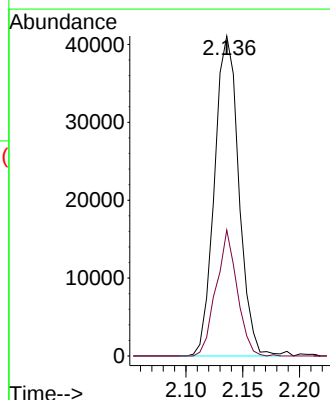
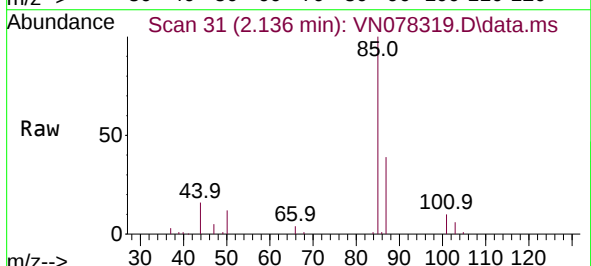
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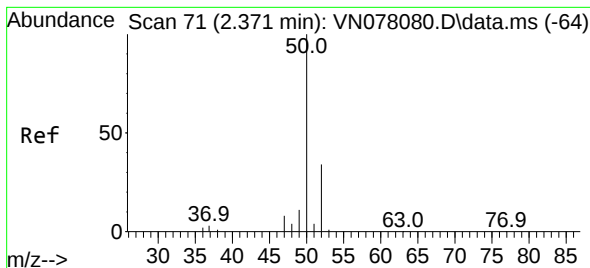
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#2
Dichlorodifluoromethane
Concen: 14.273 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

Tgt Ion: 85 Resp: 61313
Ion Ratio Lower Upper
85 100
87 39.4 15.8 47.4





#3

Chloromethane

Concen: 16.000 ug/l

RT: 2.377 min Scan# 71

Delta R.T. 0.006 min

Lab File: VN078319.D

Acq: 21 Jun 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBSD01

Tgt Ion: 50 Resp: 6967

Ion Ratio Lower Upper

50 100

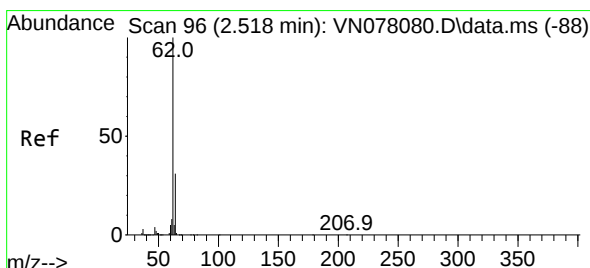
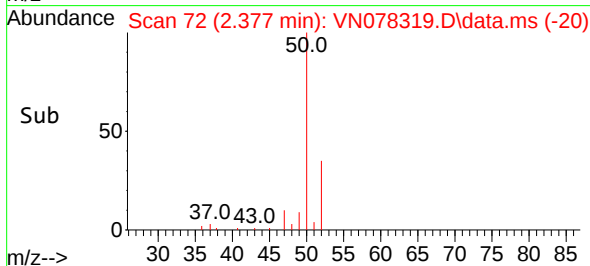
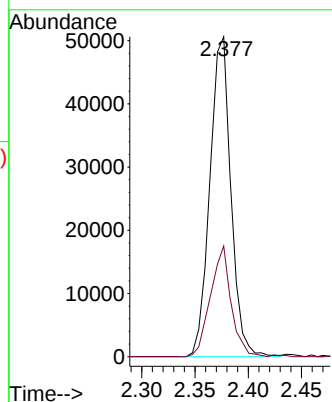
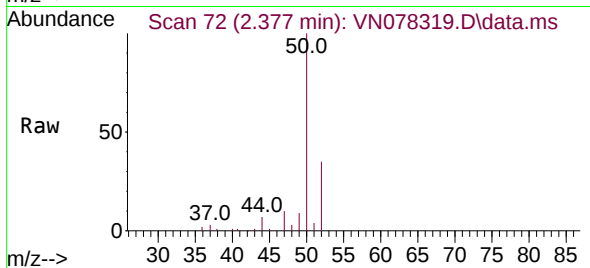
52 34.6 26.5 39.7

Manual Integrations

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Supervised By :Mahesh Dadoda 06/22/2023



#4

Vinyl Chloride

Concen: 18.091 ug/l

RT: 2.524 min Scan# 97

Delta R.T. 0.006 min

Lab File: VN078319.D

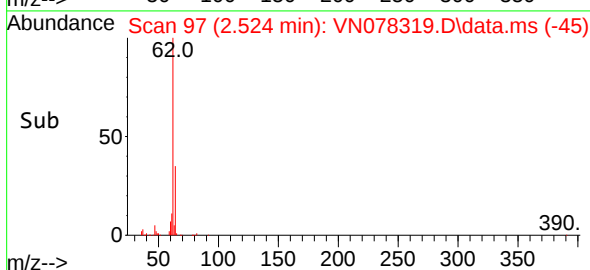
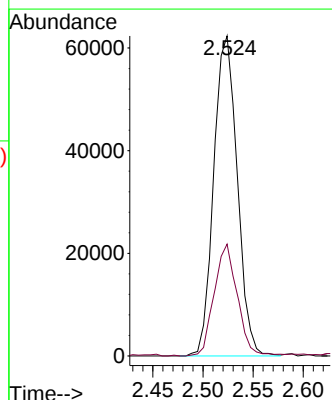
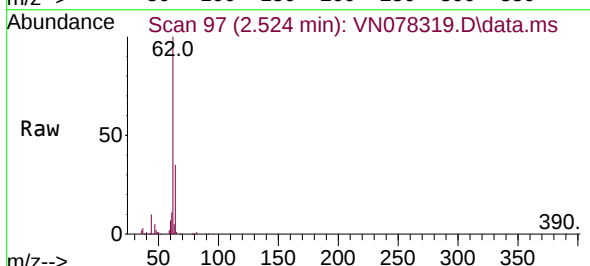
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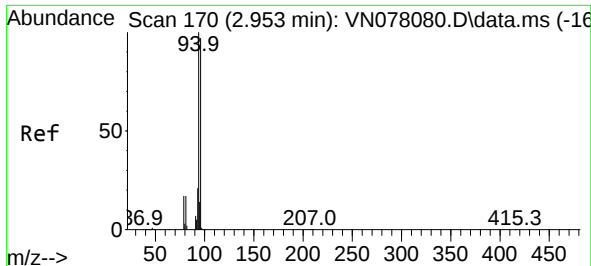
Tgt Ion: 62 Resp: 101765

Ion Ratio Lower Upper

62 100

64 35.0 26.2 39.2





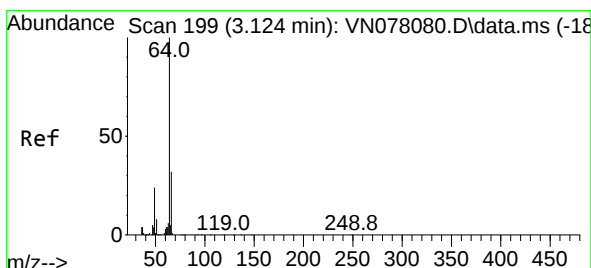
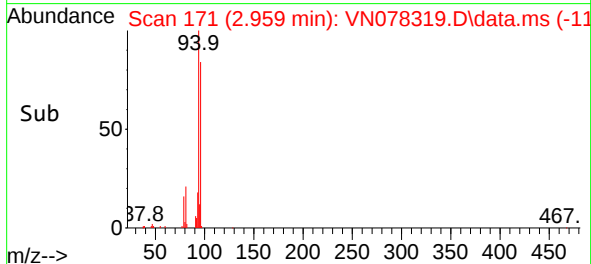
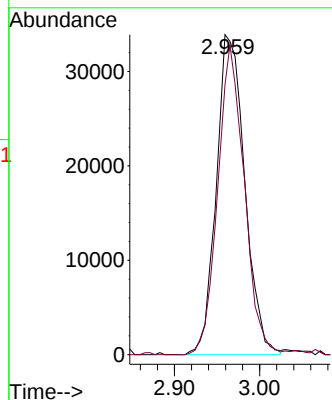
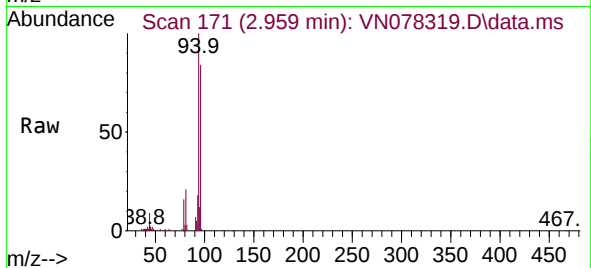
#5
Bromomethane
Concen: 18.508 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078319.D
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Tgt Ion: 94 Resp: 7868
Ion Ratio Lower Upper
94 100
96 84.4 73.1 109.7

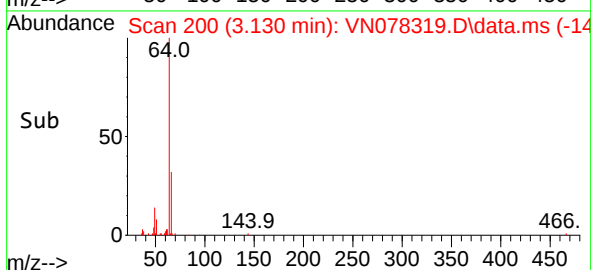
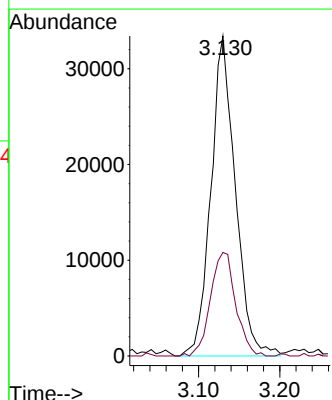
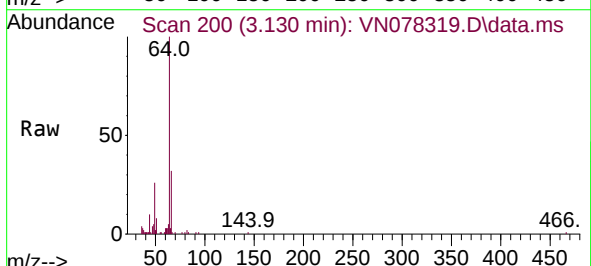
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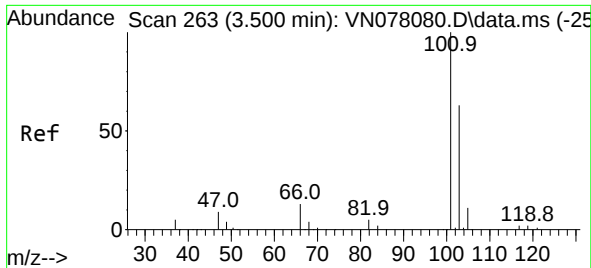
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#6
Chloroethane
Concen: 18.224 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
Lab File: VN078319.D
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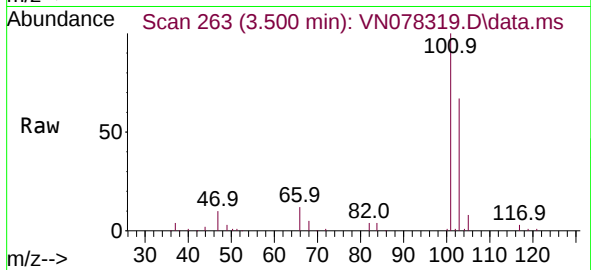
Tgt Ion: 64 Resp: 69883
Ion Ratio Lower Upper
64 100
66 32.3 25.4 38.2





#7
Trichlorofluoromethane
Concen: 20.344 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN078319.D
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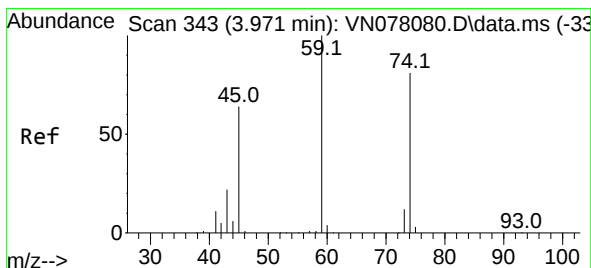
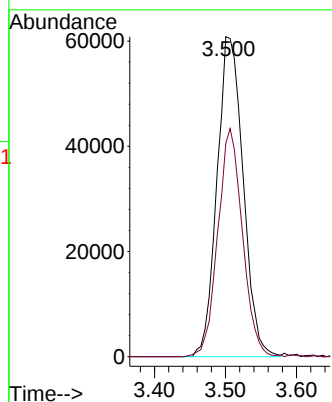
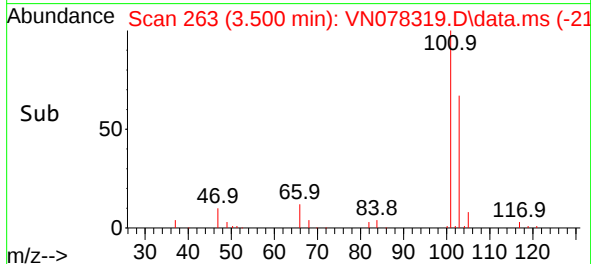
Instrument :
MSVOA_N
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Tgt Ion:101 Resp: 15518
Ion Ratio Lower Upper
101 100
103 66.7 50.7 76.1

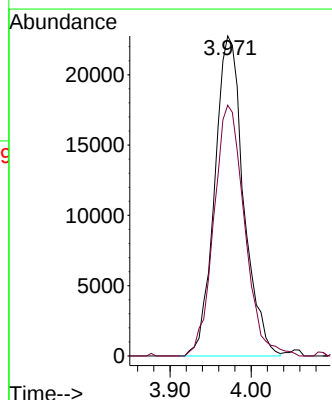
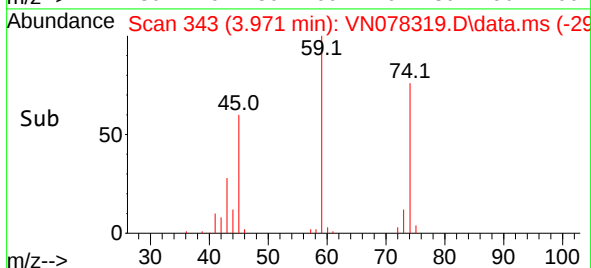
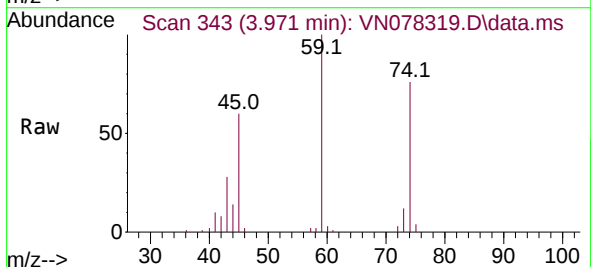
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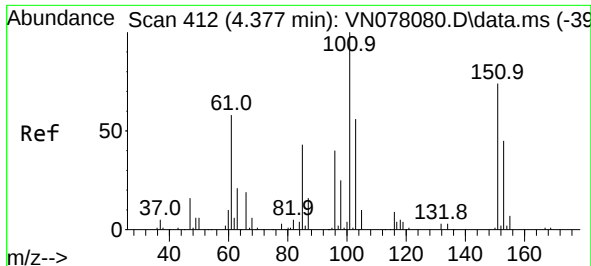
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#8
Diethyl Ether
Concen: 21.027 ug/l
RT: 3.971 min Scan# 343
Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 56358
Ion Ratio Lower Upper
74 100
45 83.3 34.4 103.3





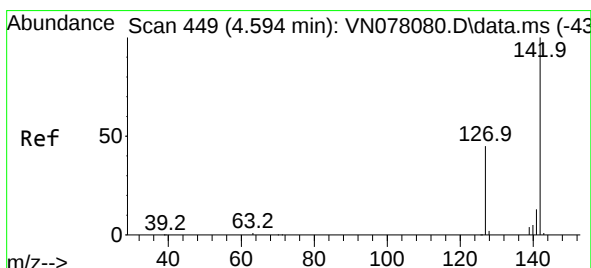
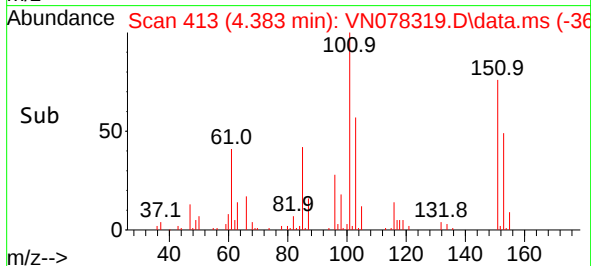
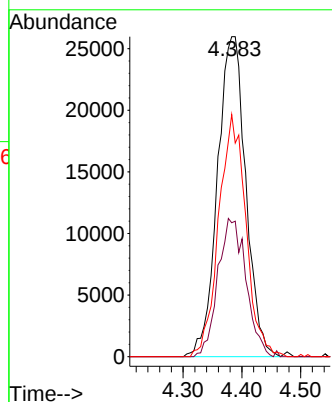
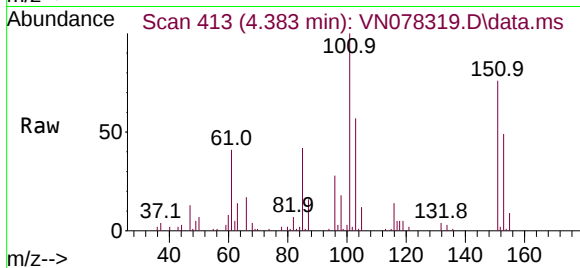
#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.601 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion:101 Resp: 8695
Ion Ratio Lower Upper
101 100
85 42.8 36.6 55.0
151 72.5 57.6 86.4

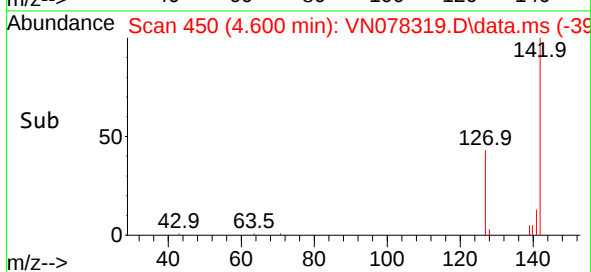
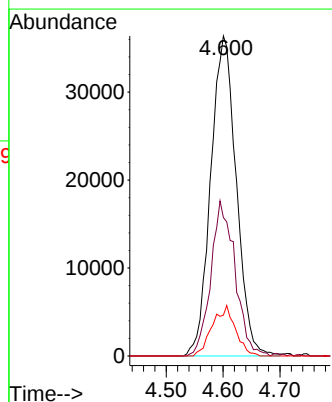
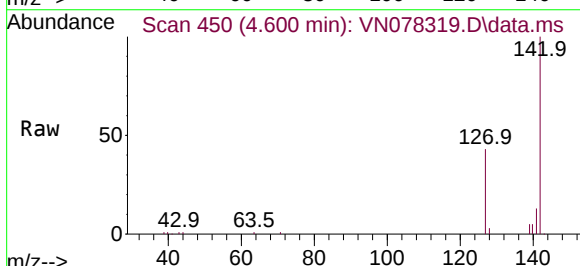
Manual Integrations
APPROVED

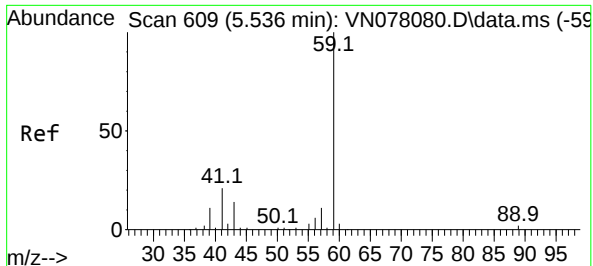
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#10
Methyl Iodide
Concen: 19.968 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

Tgt Ion:142 Resp: 113683
Ion Ratio Lower Upper
142 100
127 43.3 37.6 56.4
141 12.8 11.4 17.0





#11

Tert butyl alcohol

Concen: 89.219 ug/l

RT: 5.530 min Scan# 609

Delta R.T. -0.006 min

Lab File: VN078319.D

Acq: 21 Jun 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBSD01

Tgt Ion: 59 Resp: 62420

Ion Ratio Lower Upper

59 100

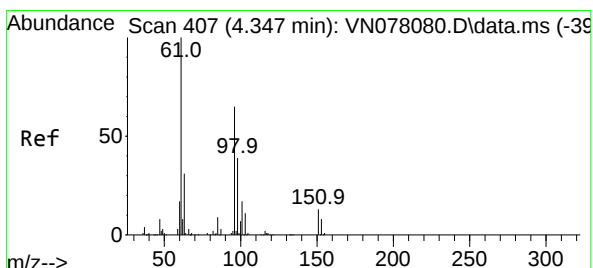
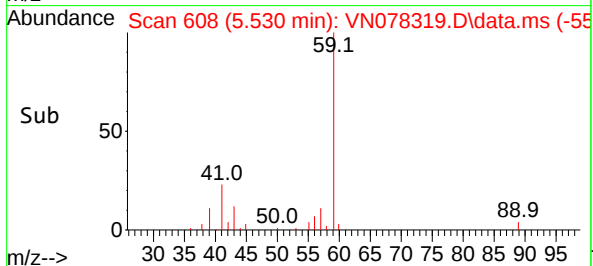
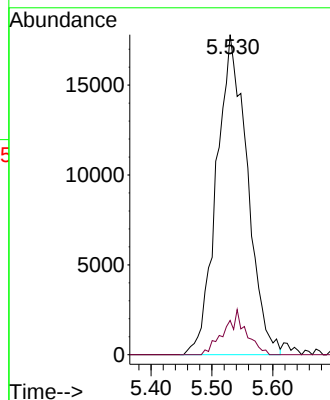
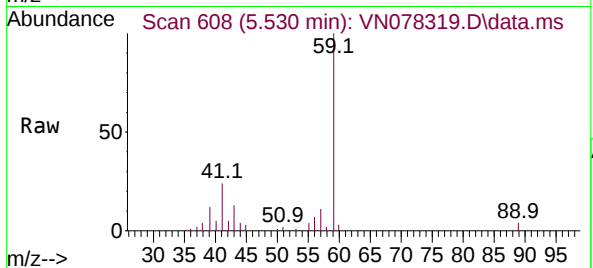
57 10.1 8.2 12.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#12

1,1-Dichloroethene

Concen: 19.079 ug/l

RT: 4.353 min Scan# 408

Delta R.T. 0.006 min

Lab File: VN078319.D

Acq: 21 Jun 2023 13:58

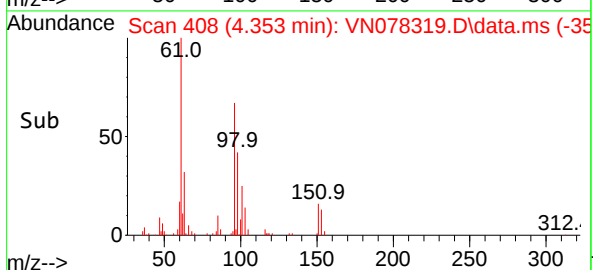
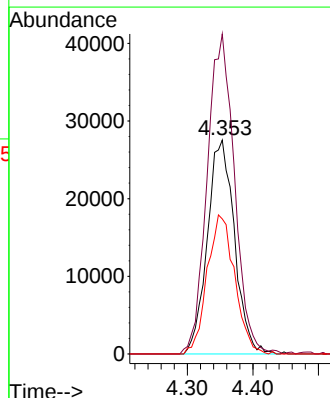
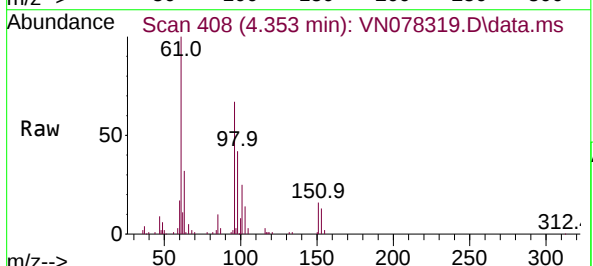
Tgt Ion: 96 Resp: 79174

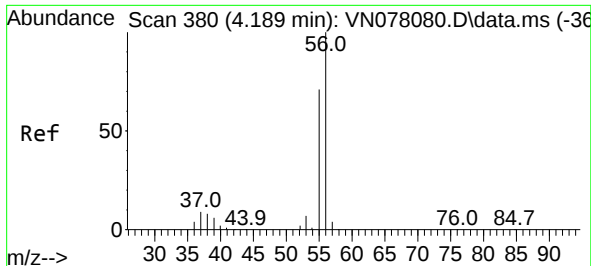
Ion Ratio Lower Upper

96 100

61 149.6 112.7 169.1

98 63.2 51.2 76.8





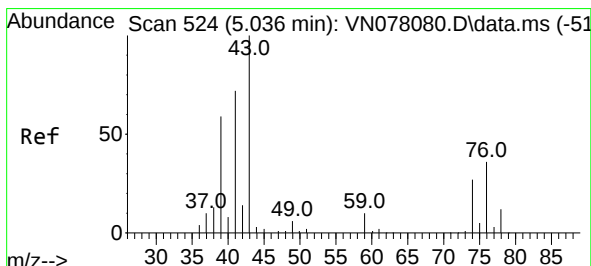
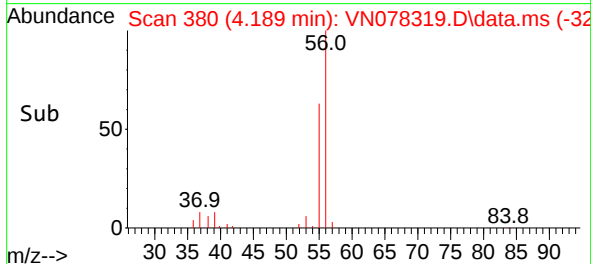
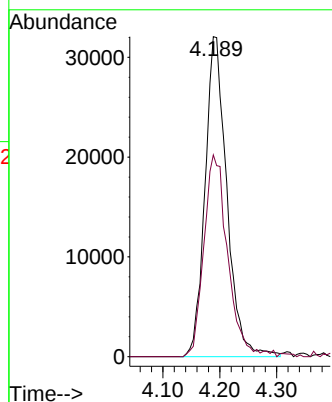
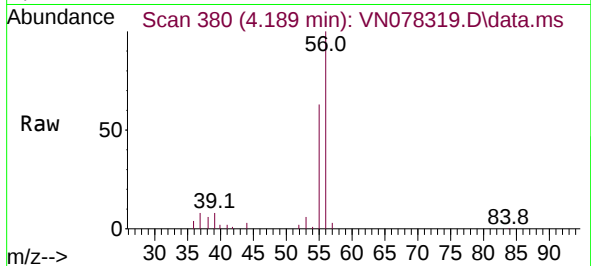
#13
Acrolein
Concen: 110.780 ug/l
RT: 4.189 min Scan# 380
Delta R.T. -0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion: 56 Resp: 85420
Ion Ratio Lower Upper
56 100
55 68.2 54.5 81.7

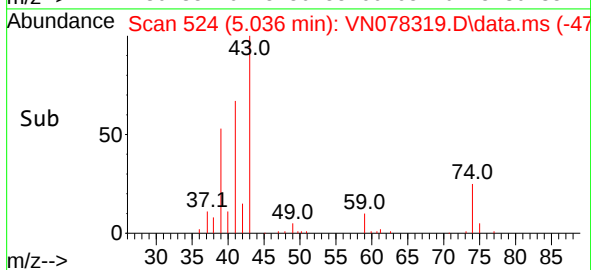
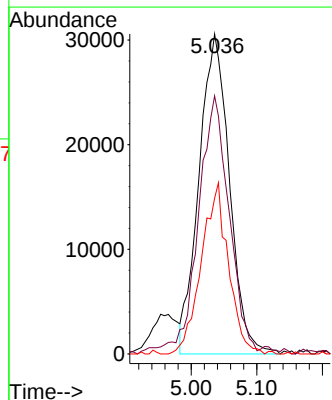
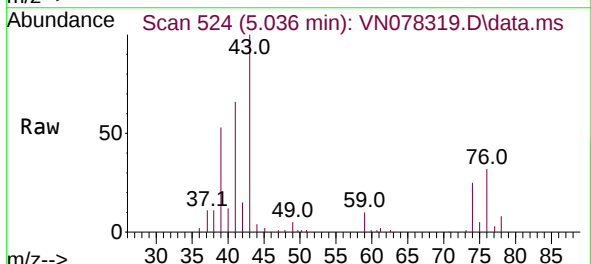
Manual Integrations
APPROVED

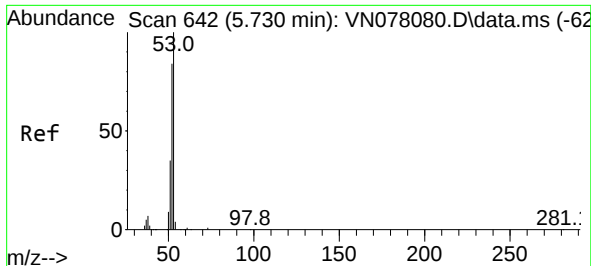
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#14
Allyl chloride
Concen: 19.475 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

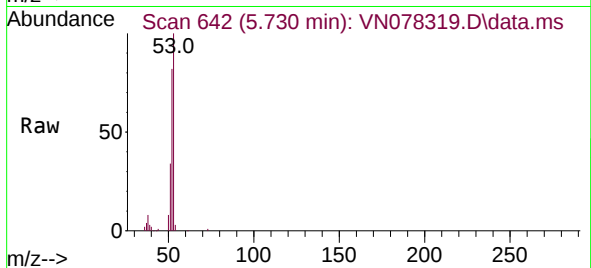
Tgt Ion: 41 Resp: 98654
Ion Ratio Lower Upper
41 100
39 82.2 58.8 88.2
76 47.6 39.1 58.7





#15
Acrylonitrile
Concen: 100.563 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

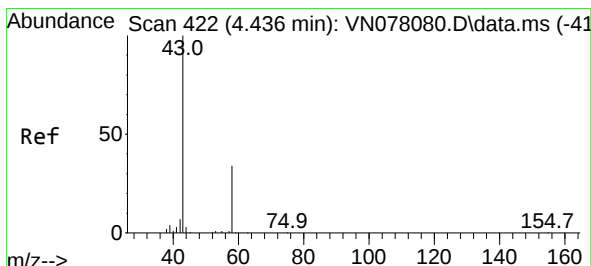
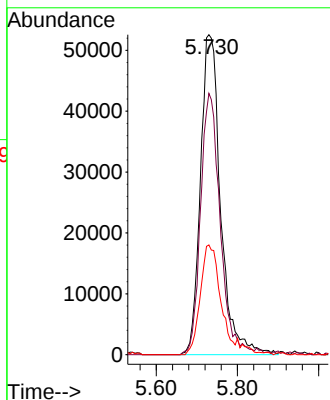
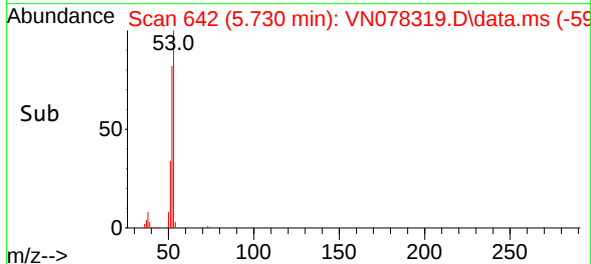
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



Tgt Ion: 53 Resp: 181390
Ion Ratio Lower Upper
53 100
52 79.0 65.3 97.9
51 34.0 28.9 43.3

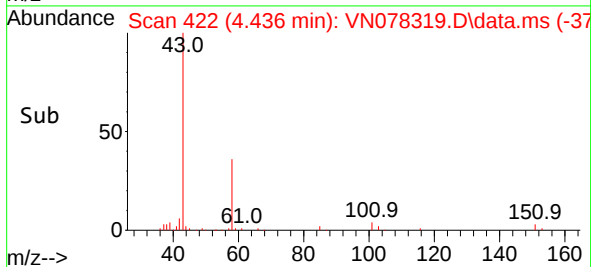
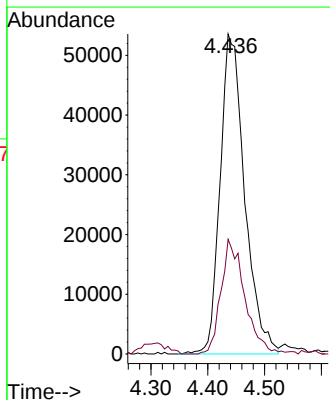
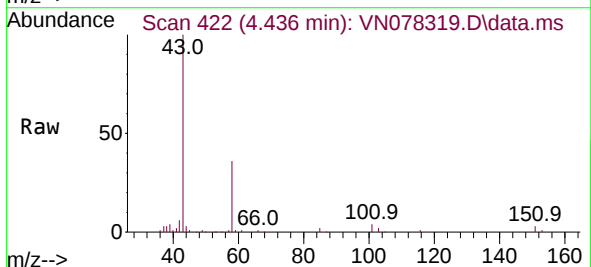
Manual Integrations
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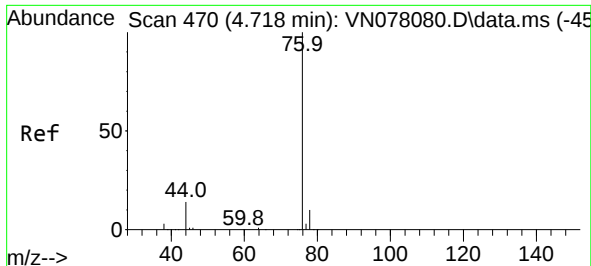
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#16
Acetone
Concen: 110.515 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

Tgt Ion: 43 Resp: 161177
Ion Ratio Lower Upper
43 100
58 35.1 28.0 42.0





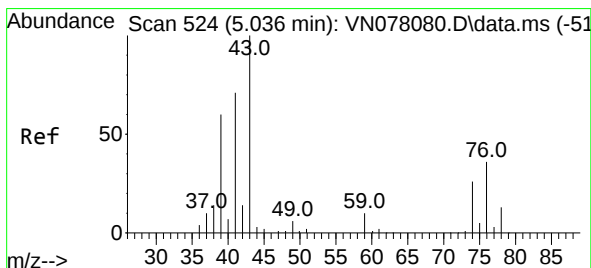
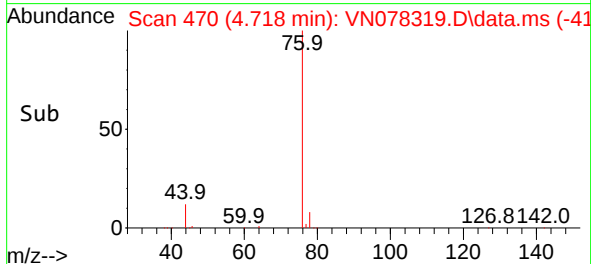
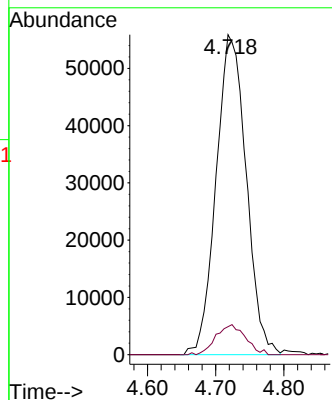
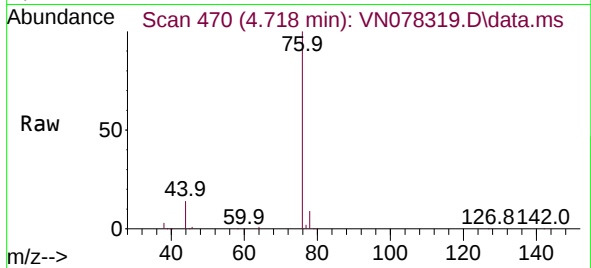
#17
Carbon Disulfide
Concen: 16.070 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion: 76 Resp: 171652
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

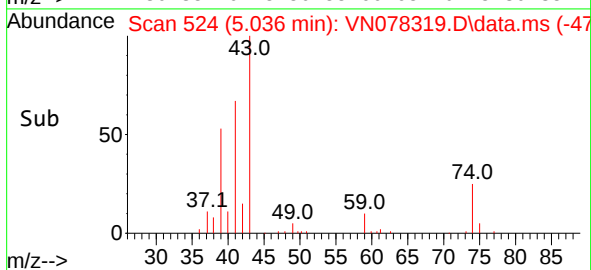
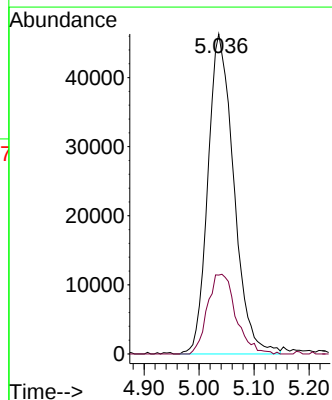
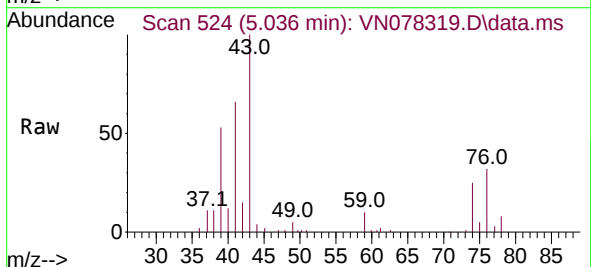
Manual Integrations
APPROVED

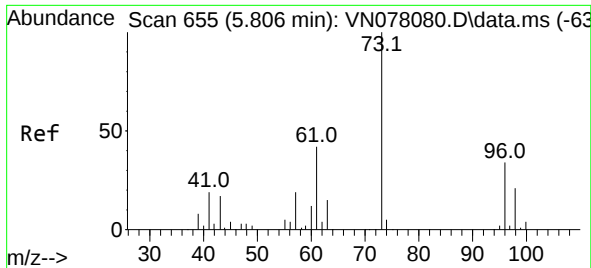
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#18
Methyl Acetate
Concen: 22.551 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

Tgt Ion: 43 Resp: 151418
Ion Ratio Lower Upper
43 100
74 27.3 26.2 39.4





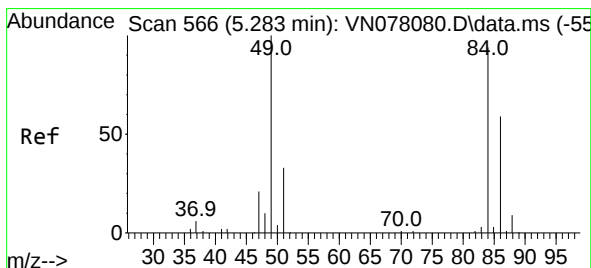
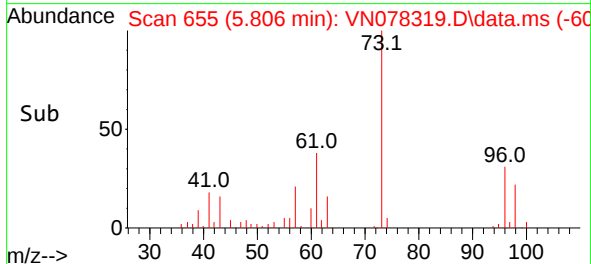
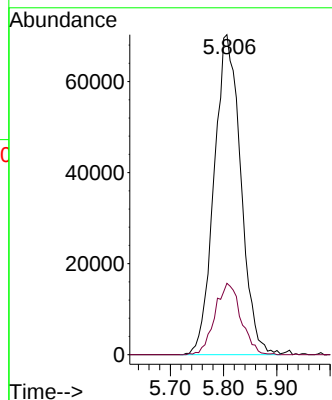
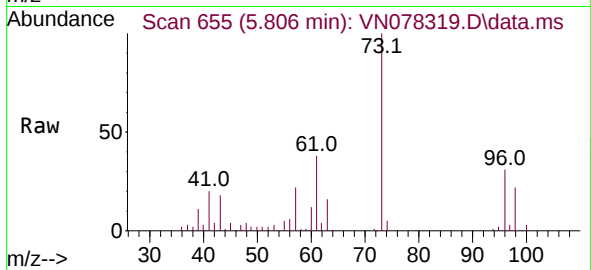
#19
Methyl tert-butyl Ether
Concen: 18.453 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion: 73 Resp: 244324
Ion Ratio Lower Upper
73 100
57 22.3 15.6 23.4

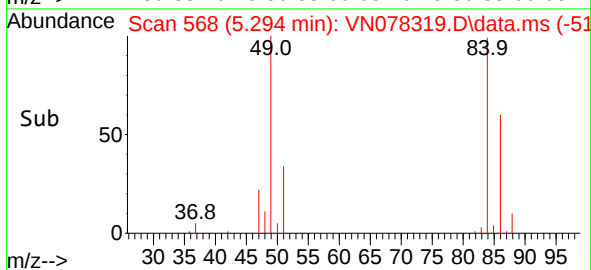
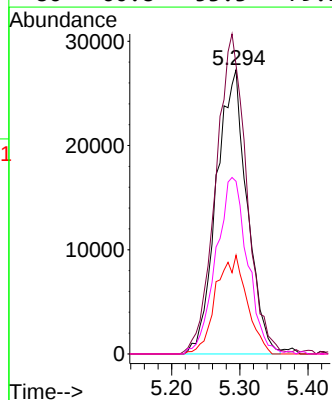
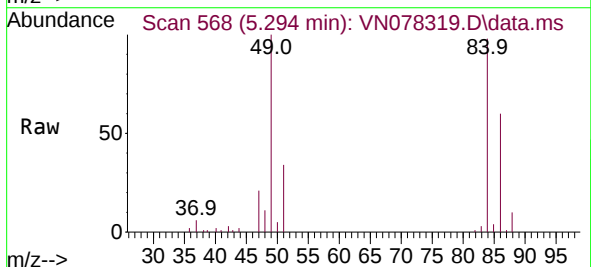
Manual Integrations
APPROVED

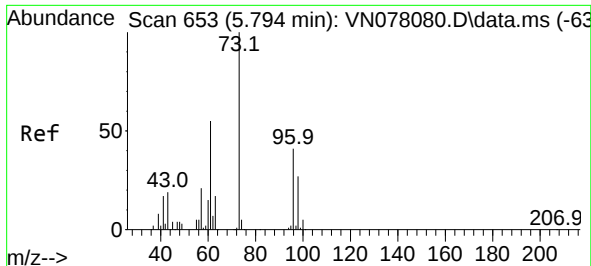
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#20
Methylene Chloride
Concen: 17.796 ug/l
RT: 5.294 min Scan# 568
Delta R.T. 0.012 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

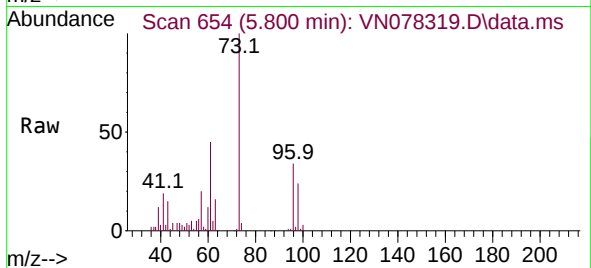
Tgt Ion: 84 Resp: 85766
Ion Ratio Lower Upper
84 100
49 101.7 79.7 119.5
51 34.7 25.2 37.8
86 60.8 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 16.294 ug/l
RT: 5.800 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

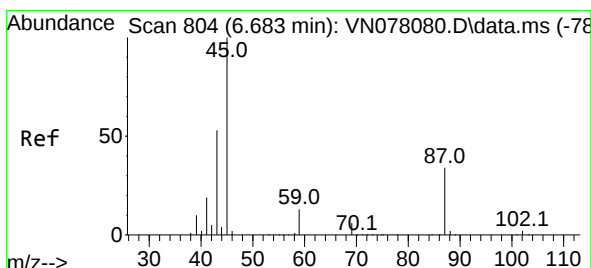
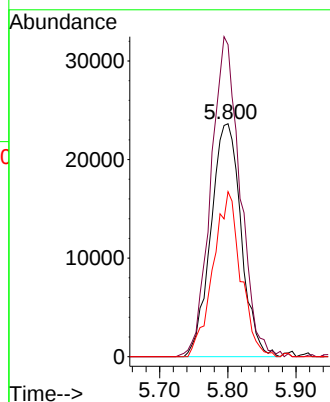
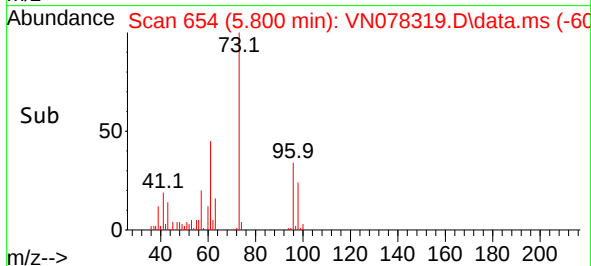
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



Tgt Ion: 96 Resp: 7293
Ion Ratio Lower Upper
96 100
61 133.2 90.1 135.1
98 70.8 46.4 69.6

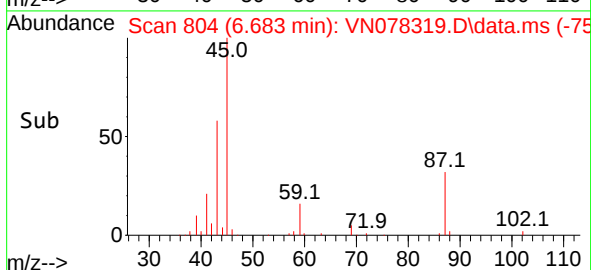
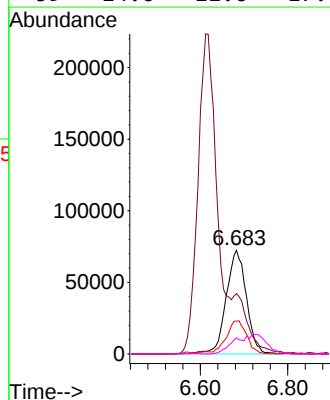
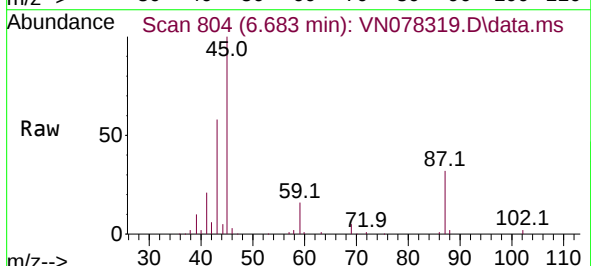
Manual Integrations
APPROVED

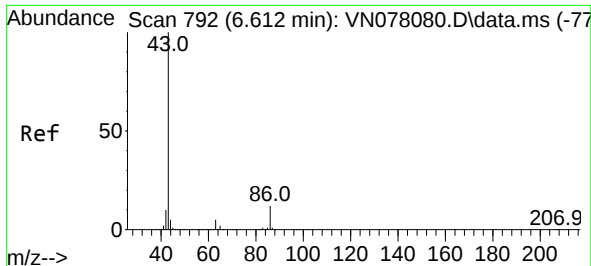
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#22
Diisopropyl ether
Concen: 19.480 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

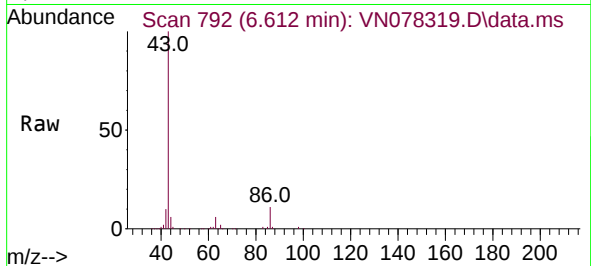
Tgt Ion: 45 Resp: 232118
Ion Ratio Lower Upper
45 100
43 57.7 45.5 68.3
87 31.4 31.8 47.8#
59 14.6 11.6 17.4





#23
 Vinyl Acetate
 Concen: 95.393 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078319.D
 Acq: 21 Jun 2023 13:58

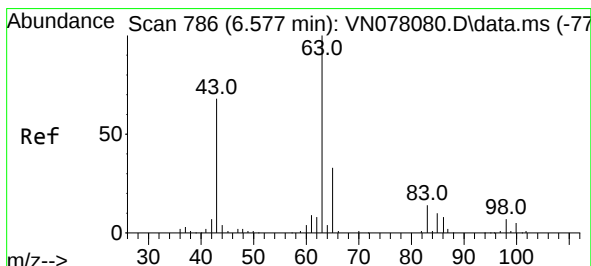
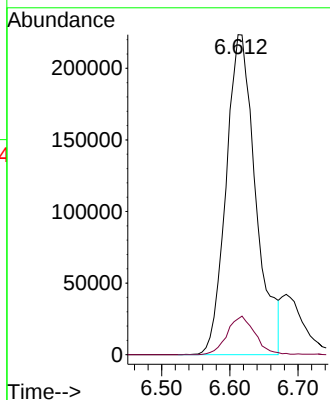
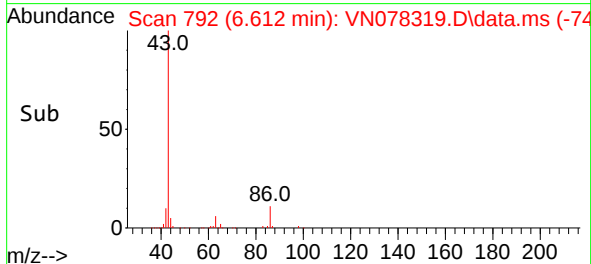
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBSD01



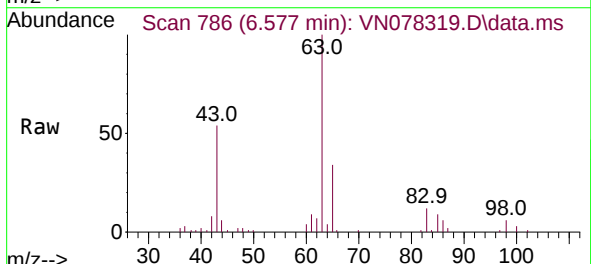
Tgt Ion: 43 Resp: 67568
 Ion Ratio Lower Upper
 43 100
 86 11.2 13.0 19.6

Manual Integrations
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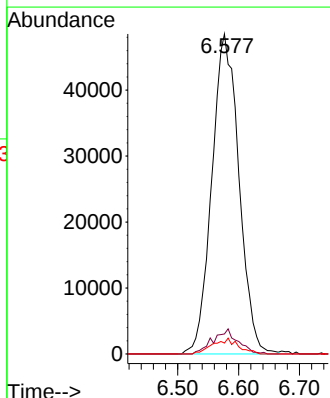
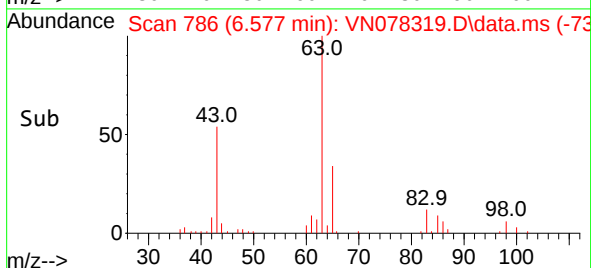
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023

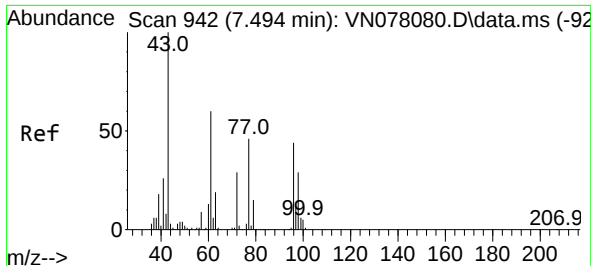


#24
 1,1-Dichloroethane
 Concen: 19.091 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078319.D
 Acq: 21 Jun 2023 13:58



Tgt Ion: 63 Resp: 150066
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.9 11.7
 100 3.4 2.5 7.4





#25

2-Butanone

Concen: 96.870 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.000 min

Lab File: VN078319.D

Acq: 21 Jun 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBSD01

Tgt Ion: 43 Resp: 217254

Ion Ratio Lower Upper

43 100

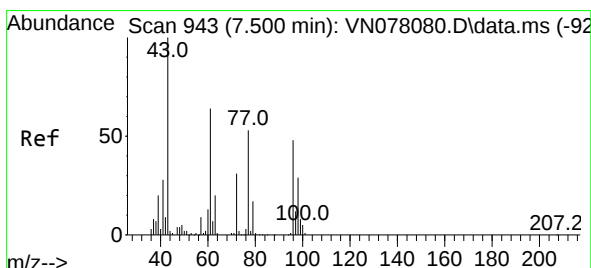
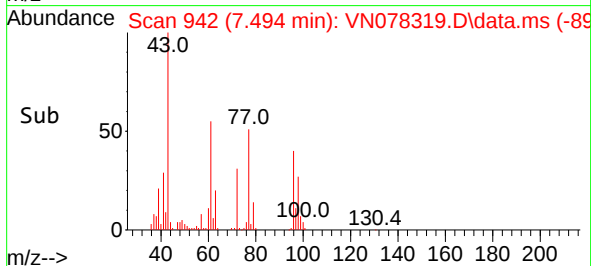
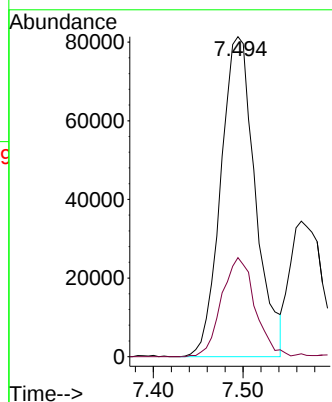
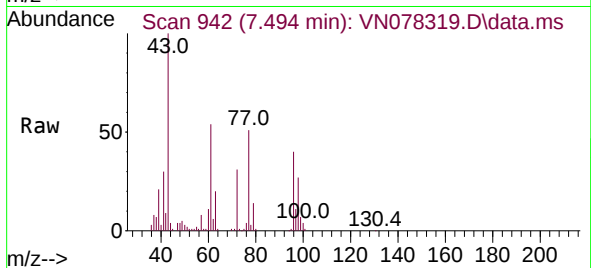
72 31.0 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#26

2,2-Dichloropropane

Concen: 20.768 ug/l

RT: 7.500 min Scan# 943

Delta R.T. -0.000 min

Lab File: VN078319.D

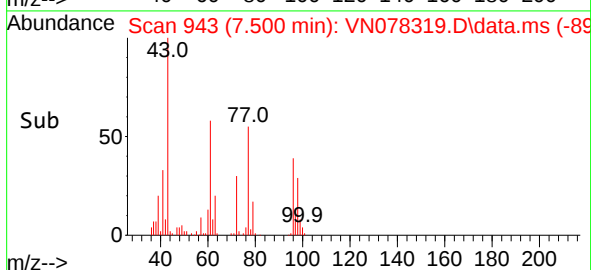
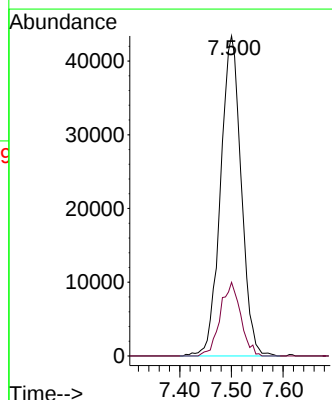
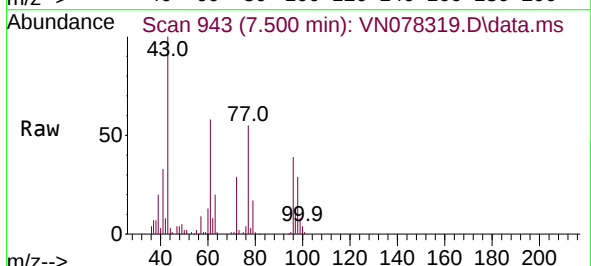
Acq: 21 Jun 2023 13:58

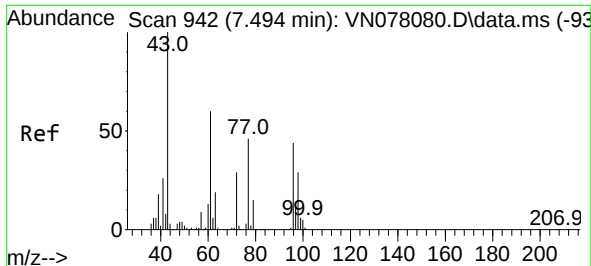
Tgt Ion: 77 Resp: 120540

Ion Ratio Lower Upper

77 100

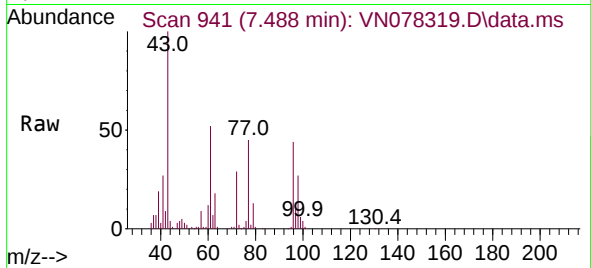
97 22.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 17.179 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN078319.D
 Acq: 21 Jun 2023 13:58

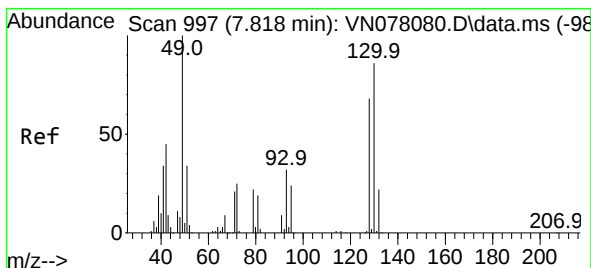
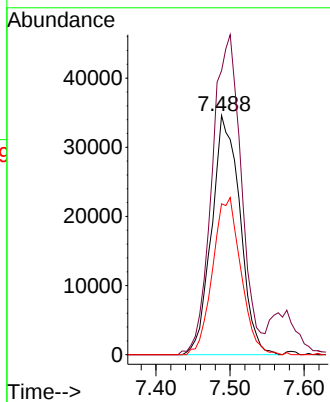
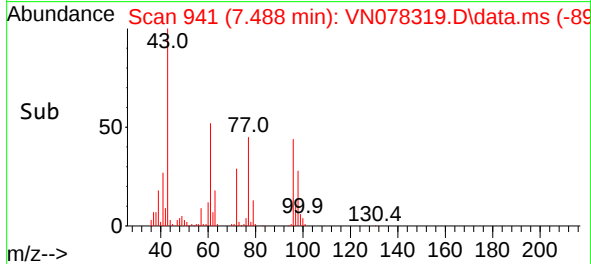
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBSD01



Tgt Ion: 96 Resp: 91710
 Ion Ratio Lower Upper
 96 100
 61 138.6 0.0 255.2
 98 65.4 0.0 128.8

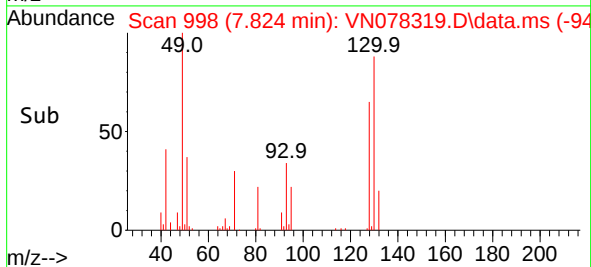
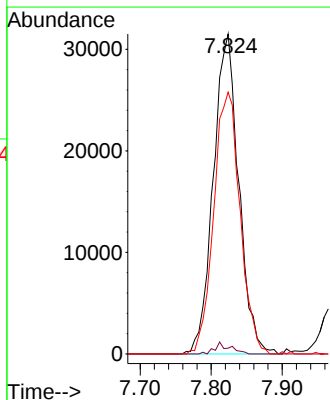
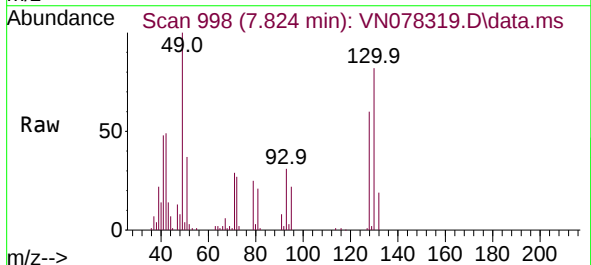
Manual Integrations
 APPROVED

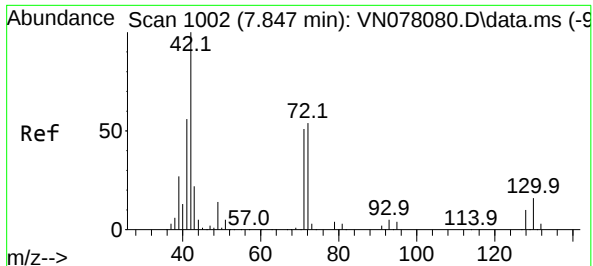
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#28
 Bromochloromethane
 Concen: 21.692 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078319.D
 Acq: 21 Jun 2023 13:58

Tgt Ion: 49 Resp: 78288
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 84.5 75.3 112.9





#29

Tetrahydrofuran

Concen: 90.464 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VN078319.D

Acq: 21 Jun 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBSD01

Tgt Ion: 42 Resp: 13563

Ion Ratio Lower Upper

42 100

72 53.6 49.8 74.6

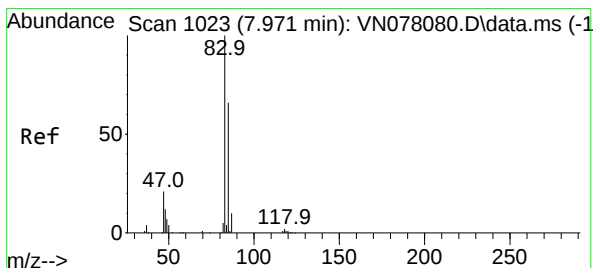
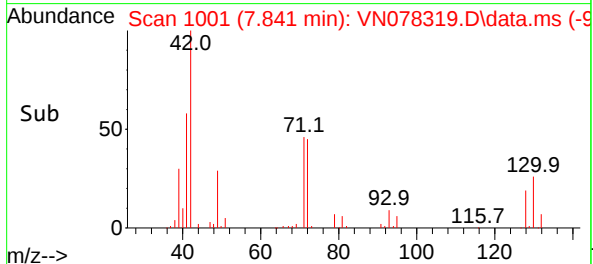
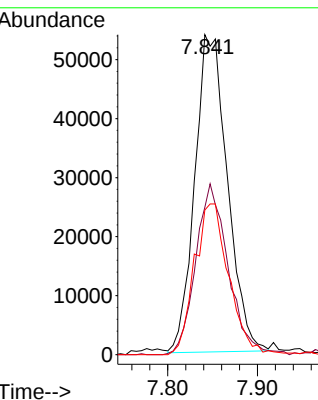
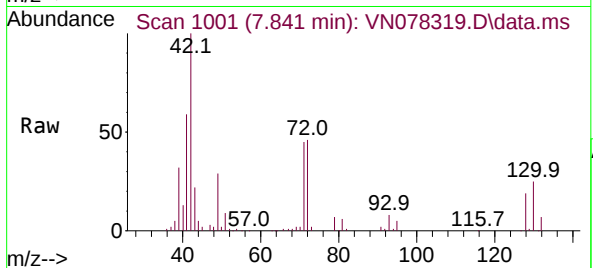
71 50.3 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#30

Chloroform

Concen: 19.150 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078319.D

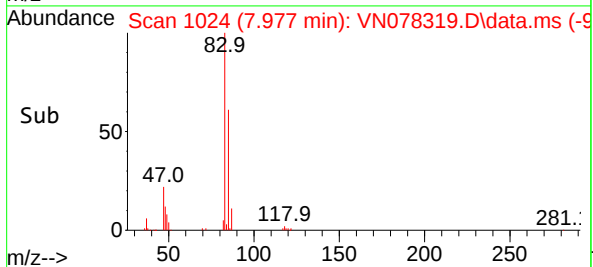
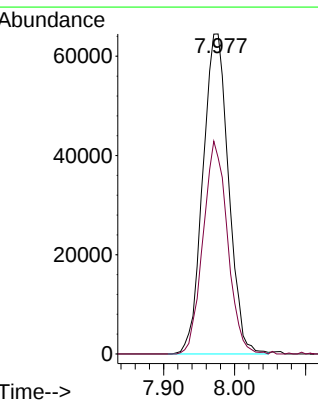
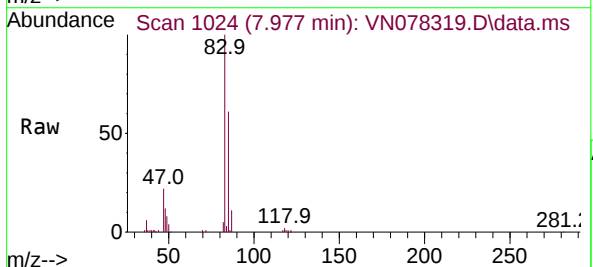
Acq: 21 Jun 2023 13:58

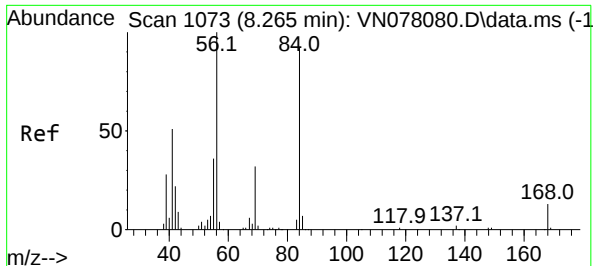
Tgt Ion: 83 Resp: 162096

Ion Ratio Lower Upper

83 100

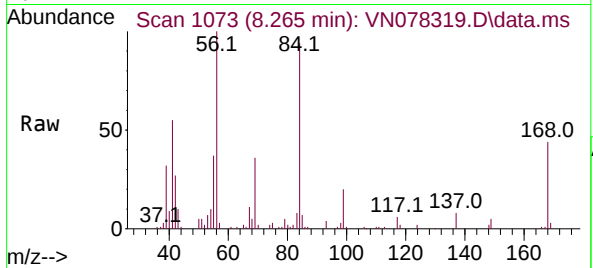
85 61.3 55.4 83.0





#31
Cyclohexane
Concen: 15.493 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

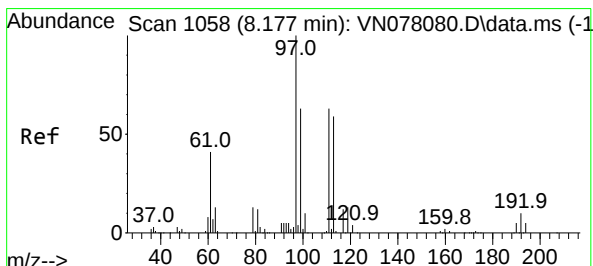
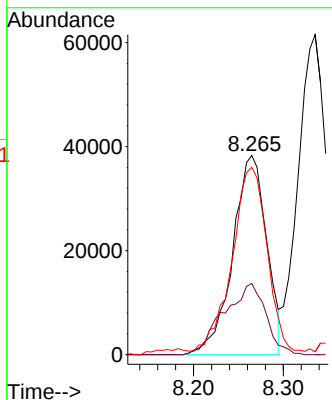
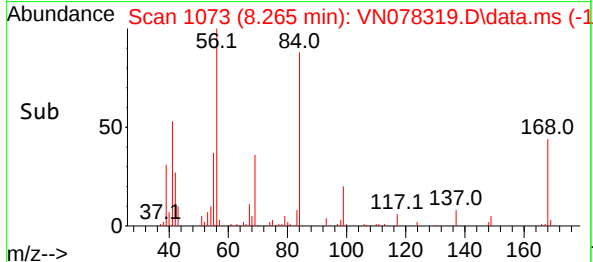
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



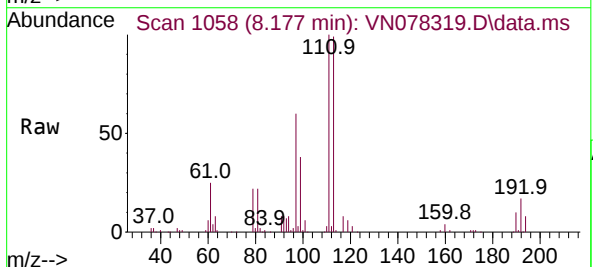
Tgt Ion: 56 Resp: 100697
Ion Ratio Lower Upper
56 100
69 35.8 26.8 40.2
84 91.1 81.8 122.6

Manual Integrations
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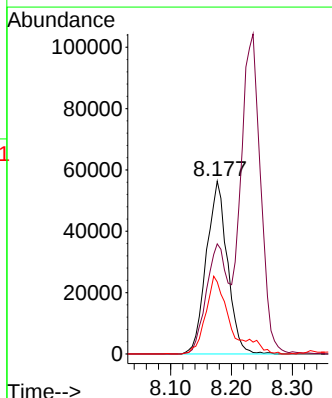
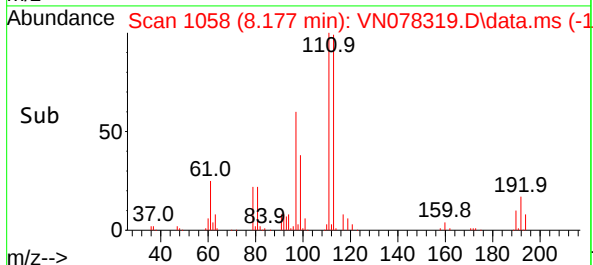
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

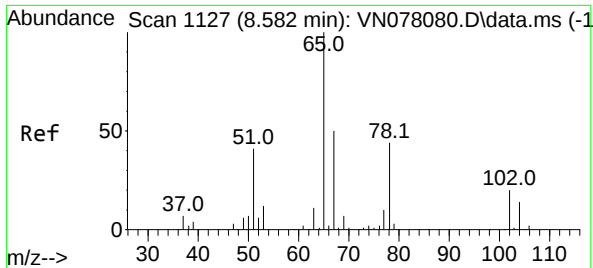


#32
1,1,1-Trichloroethane
Concen: 18.216 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58



Tgt Ion: 97 Resp: 135366
Ion Ratio Lower Upper
97 100
99 65.8 50.3 75.5
61 46.4 34.7 52.1





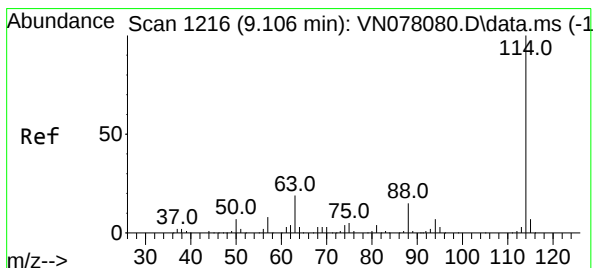
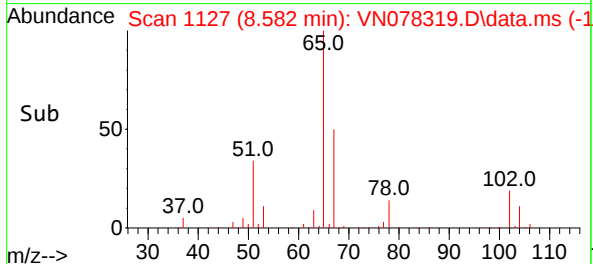
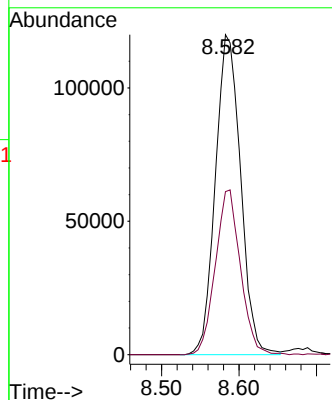
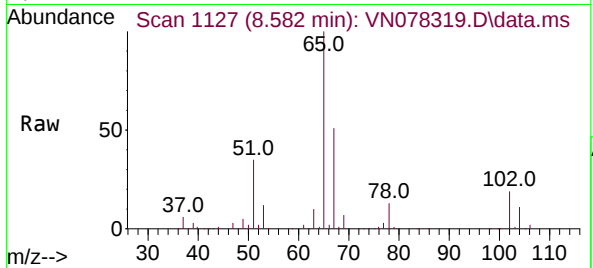
#33
1,2-Dichloroethane-d4
Concen: 53.511 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion: 65 Resp: 271132
Ion Ratio Lower Upper
65 100
67 51.3 0.0 106.6

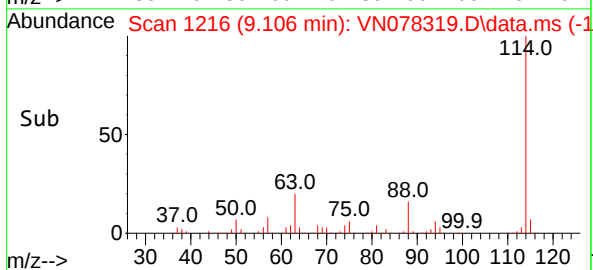
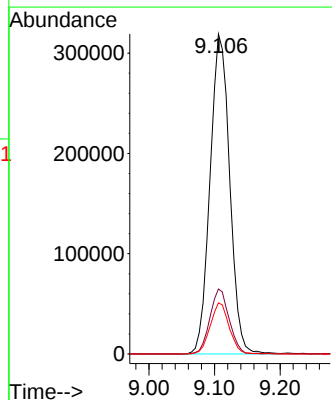
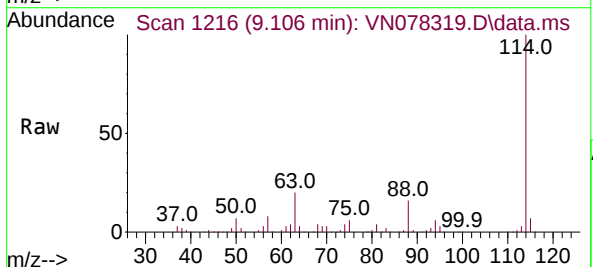
Manual Integrations
APPROVED

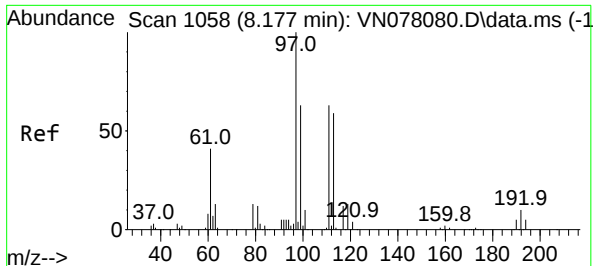
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

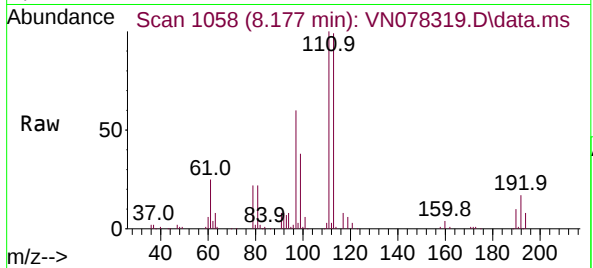
Tgt Ion:114 Resp: 663625
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.4
88 16.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 53.142 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

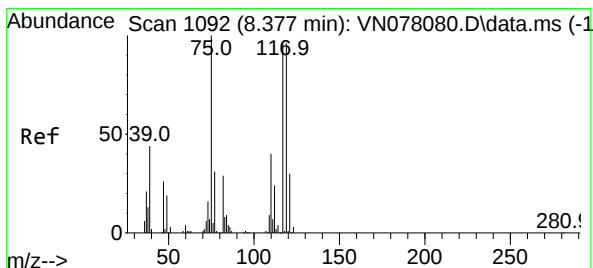
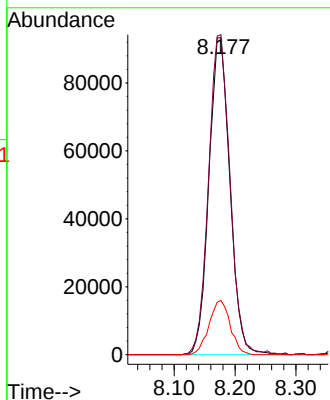
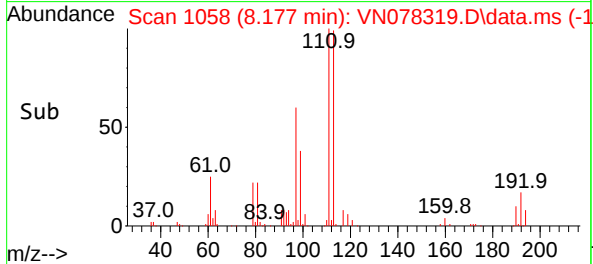
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



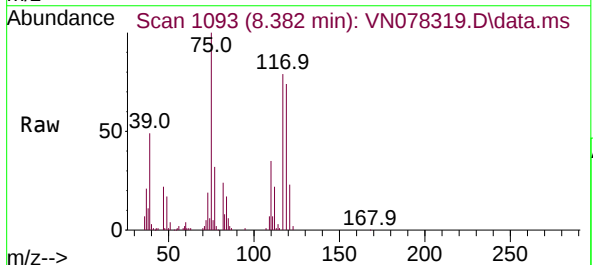
Tgt Ion: 113 Resp: 222980
Ion Ratio Lower Upper
113 100
111 103.5 82.6 123.8
192 17.3 12.7 19.1

Manual Integrations
APPROVED

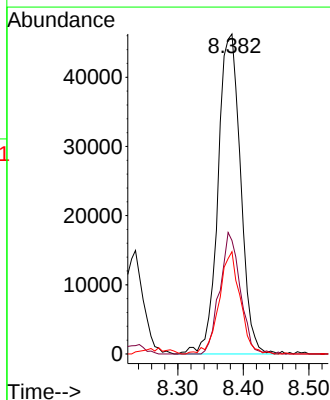
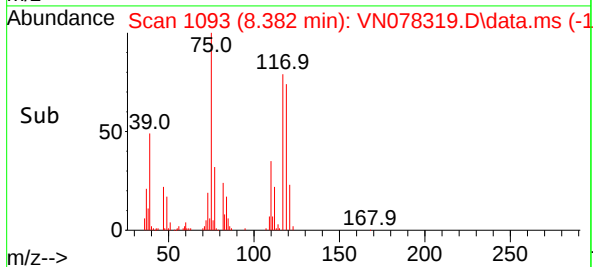
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

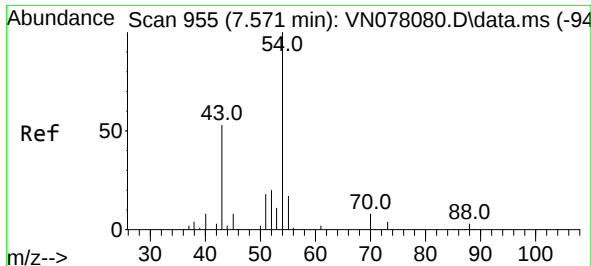


#36
1,1-Dichloropropene
Concen: 18.287 ug/l
RT: 8.382 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58



Tgt Ion: 75 Resp: 110062
Ion Ratio Lower Upper
75 100
110 34.6 19.1 57.3
77 30.0 25.0 37.4





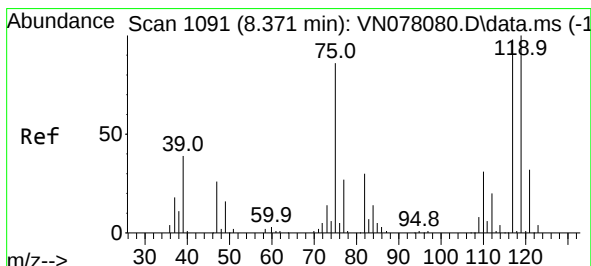
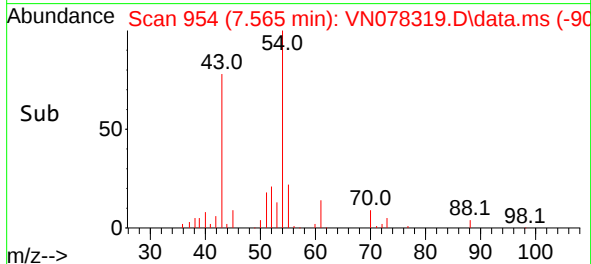
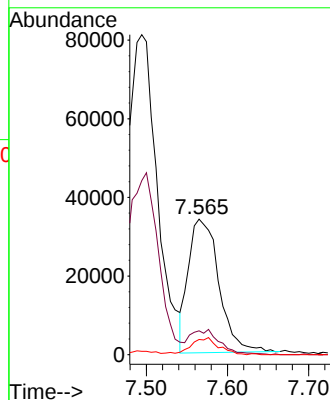
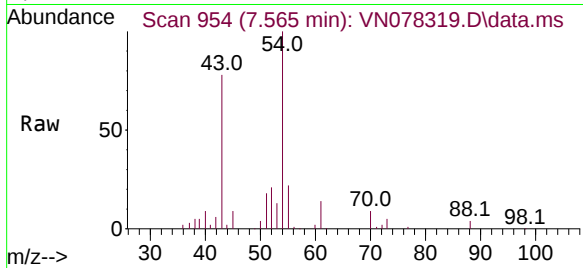
#37
Ethyl Acetate
Concen: 18.859 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion: 43 Resp: 8867
Ion Ratio Lower Upper
43 100
61 17.9 13.2 19.8
70 11.5 11.3 16.9

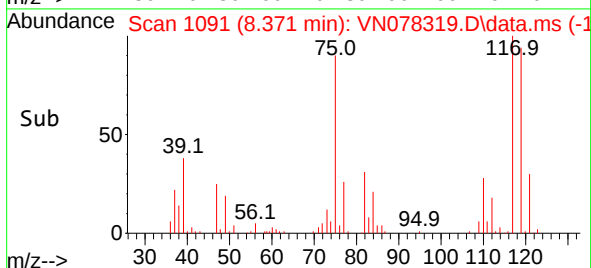
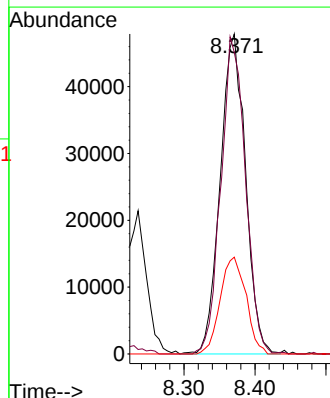
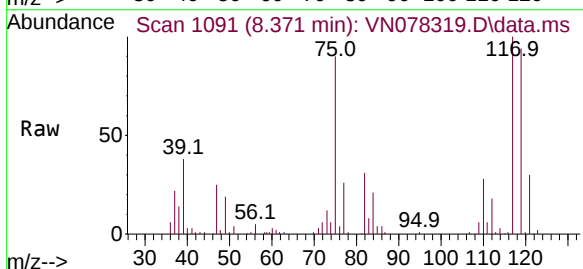
Manual Integrations
APPROVED

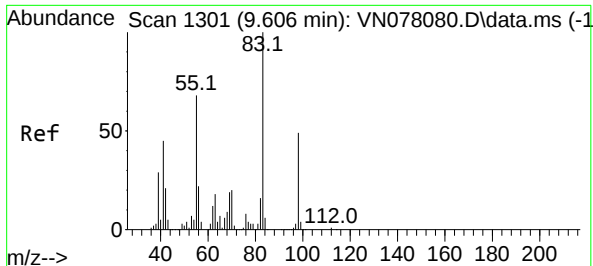
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#38
Carbon Tetrachloride
Concen: 18.639 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

Tgt Ion:117 Resp: 118452
Ion Ratio Lower Upper
117 100
119 94.3 77.3 115.9
121 30.2 23.3 34.9





#39

Methylcyclohexane

Concen: 13.731 ug/l

RT: 9.612 min Scan# 11302

Delta R.T. 0.006 min

Lab File: VN078319.D

Acq: 21 Jun 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBSD01

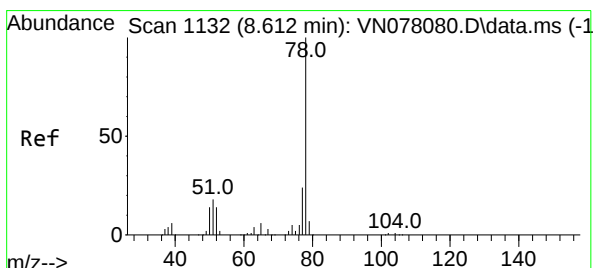
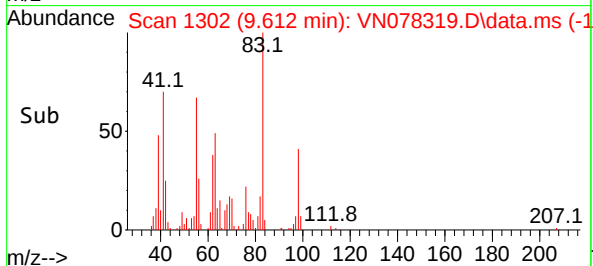
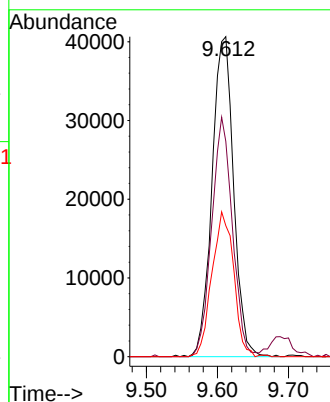
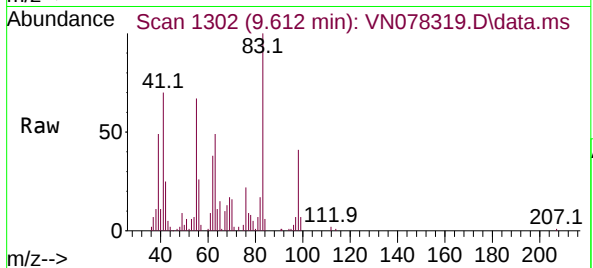
Tgt Ion:	83	Resp:	8564
Ion Ratio	Lower	Upper	
83	100		
55	67.3	49.1	73.7
98	40.9	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#40

Benzene

Concen: 18.537 ug/l

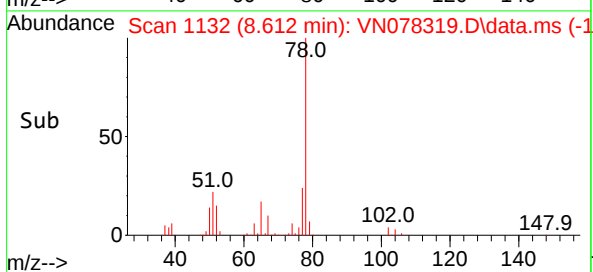
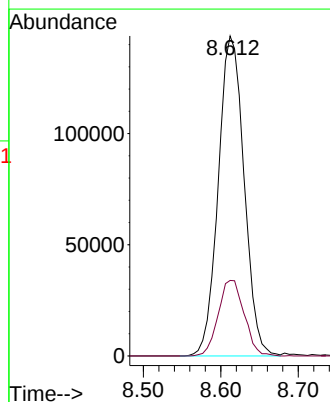
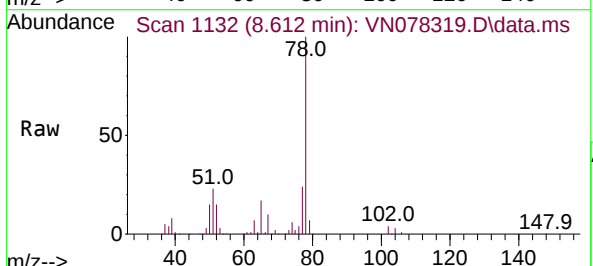
RT: 8.612 min Scan# 1132

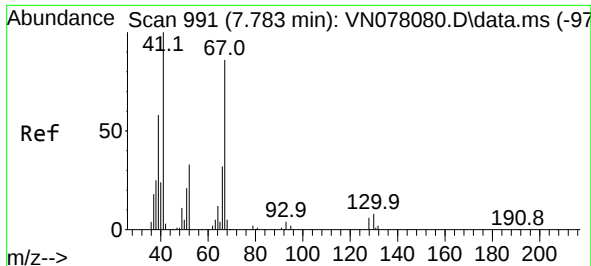
Delta R.T. 0.000 min

Lab File: VN078319.D

Acq: 21 Jun 2023 13:58

Tgt Ion:	78	Resp:	333087
Ion Ratio	Lower	Upper	
78	100		
77	23.6	19.0	28.6





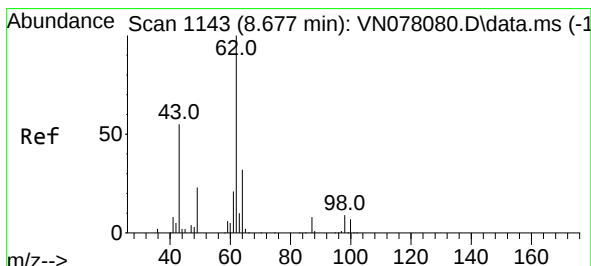
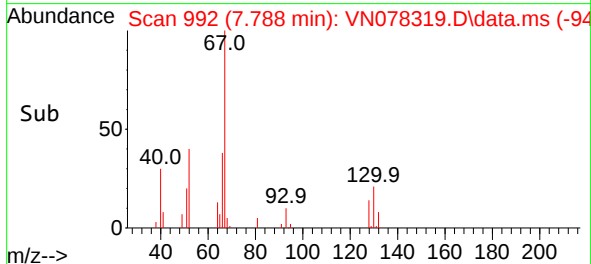
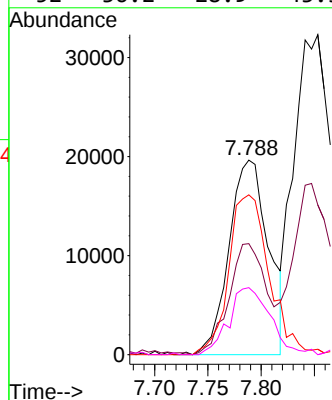
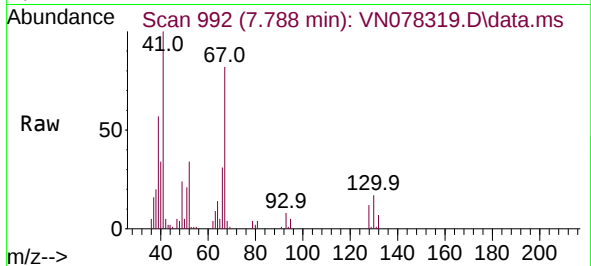
#41
Methacrylonitrile
Concen: 19.877 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion: 41	Resp: 5065
Ion Ratio	Lower Upper
41	100
39	53.1 42.6 64.0
67	84.8 77.5 116.3
52	36.2 28.9 43.3

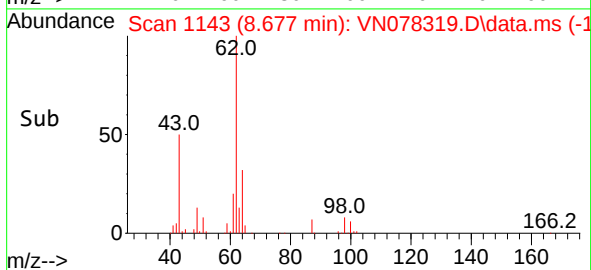
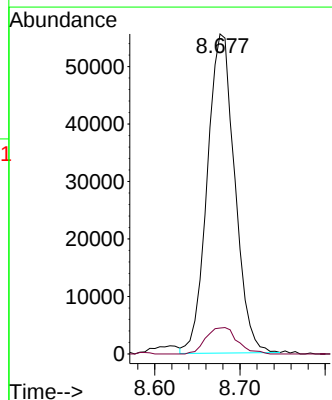
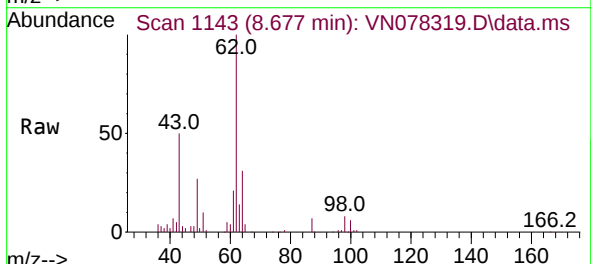
Manual Integrations
APPROVED

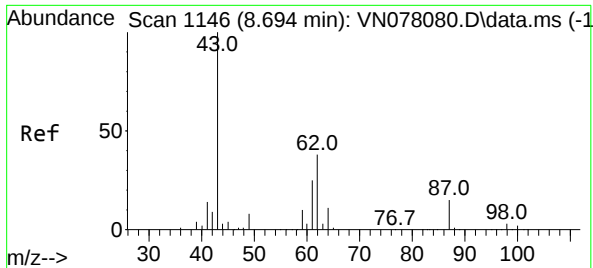
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#42
1,2-Dichloroethane
Concen: 20.231 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

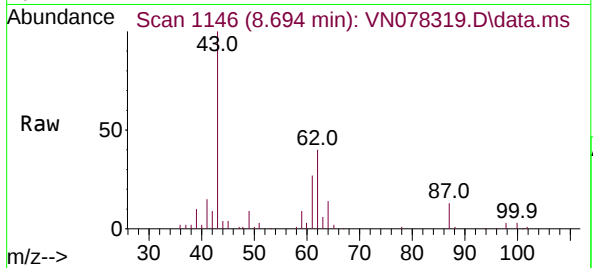
Tgt Ion: 62	Resp: 124637
Ion Ratio	Lower Upper
62	100
98	9.4 0.0 19.8





#43
Isopropyl Acetate
Concen: 18.548 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

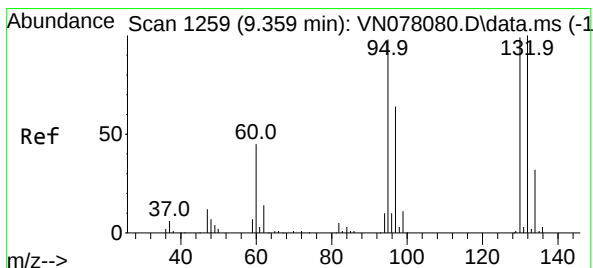
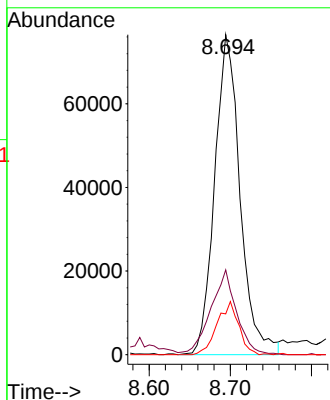
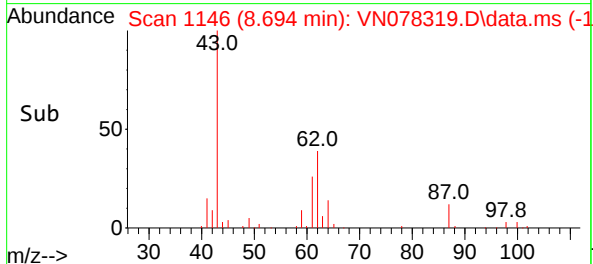
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



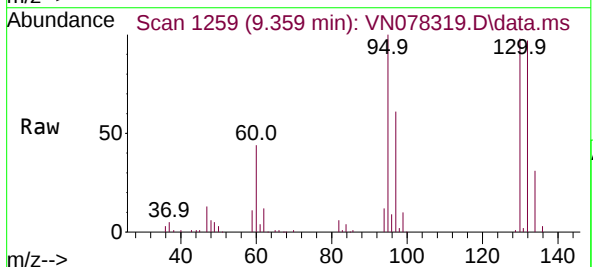
Tgt Ion: 43 Resp: 166779
Ion Ratio Lower Upper
43 100
61 27.0 24.7 37.1
87 14.2 14.6 21.8

Manual Integrations
APPROVED

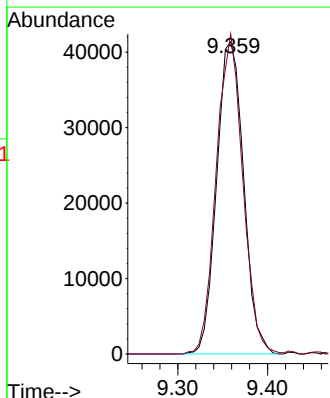
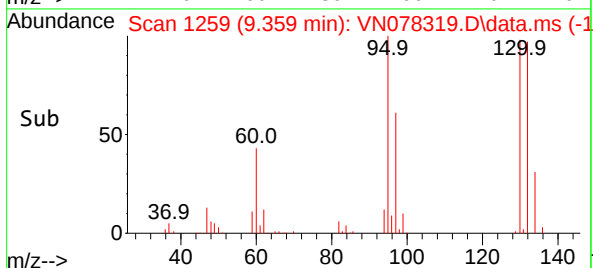
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

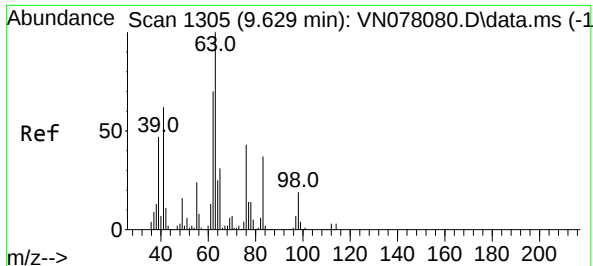


#44
Trichloroethene
Concen: 18.179 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58



Tgt Ion:130 Resp: 86264
Ion Ratio Lower Upper
130 100
95 102.6 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.662 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VN078319.D

Acq: 21 Jun 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBSD01

Tgt Ion: 63 Resp: 8790

Ion Ratio Lower Upper

63 100

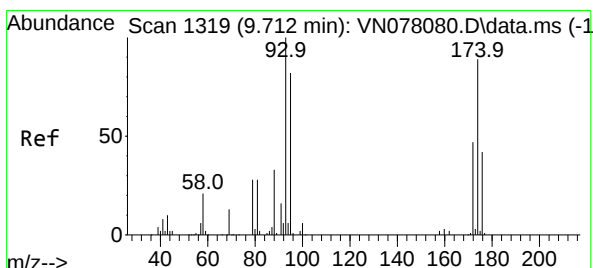
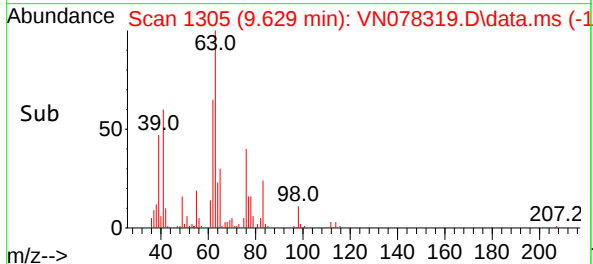
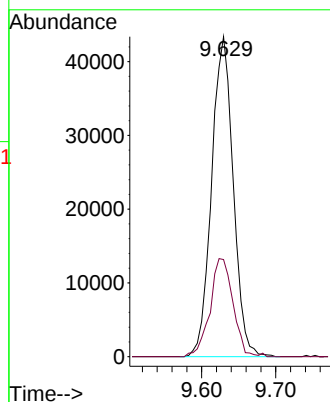
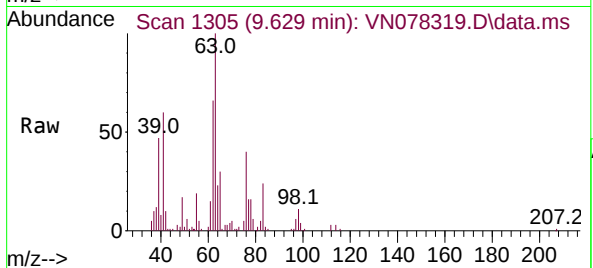
65 30.4 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#46

Dibromomethane

Concen: 18.864 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN078319.D

Acq: 21 Jun 2023 13:58

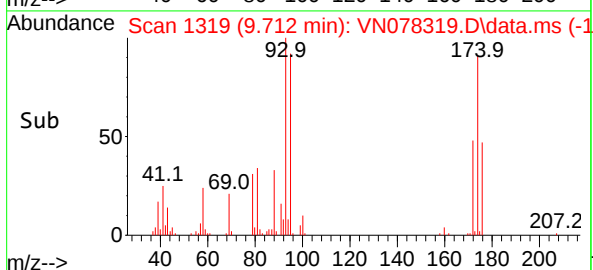
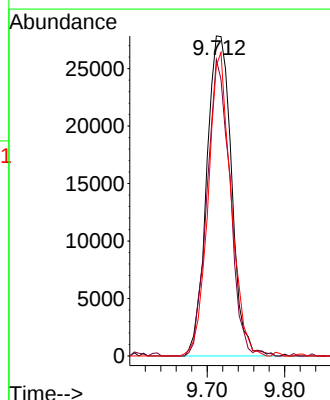
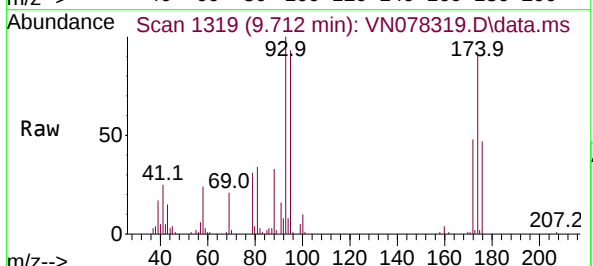
Tgt Ion: 93 Resp: 62117

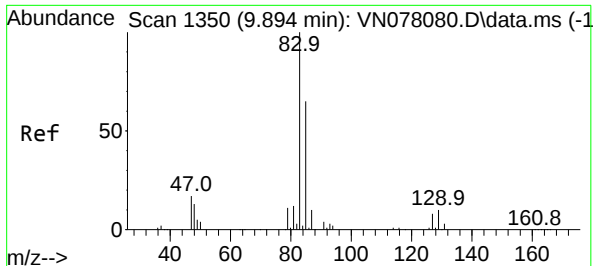
Ion Ratio Lower Upper

93 100

95 85.4 63.8 95.8

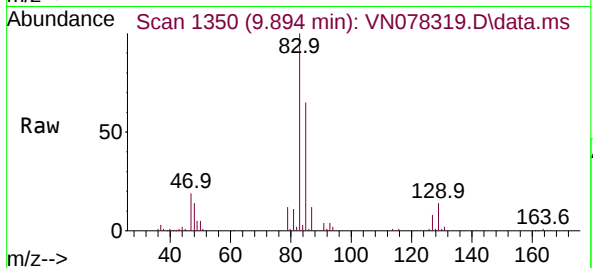
174 86.5 65.6 98.4





#47
Bromodichloromethane
Concen: 20.964 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

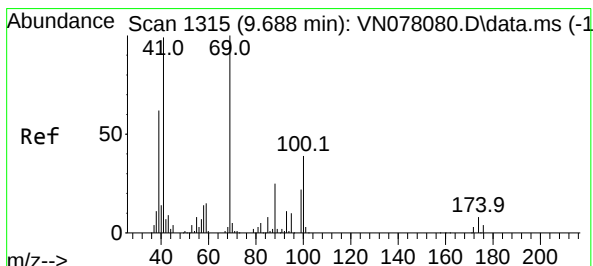
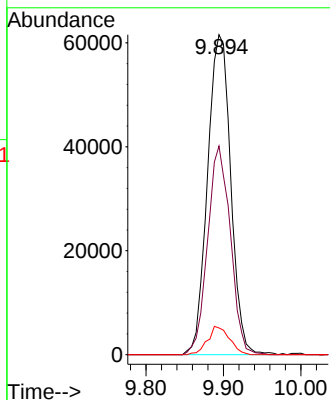
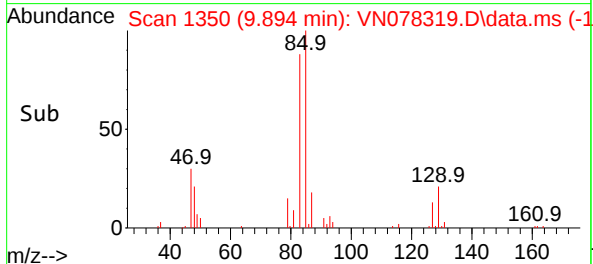
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



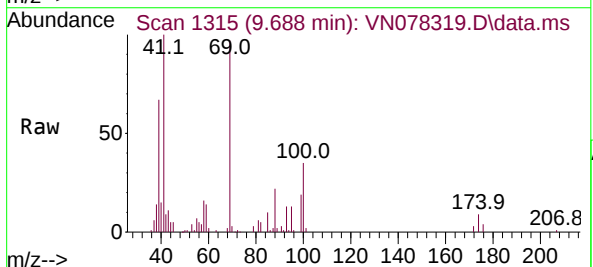
Tgt Ion: 83 Resp: 128229
Ion Ratio Lower Upper
83 100
85 65.2 49.6 74.4
127 8.4 7.0 10.6

Manual Integrations
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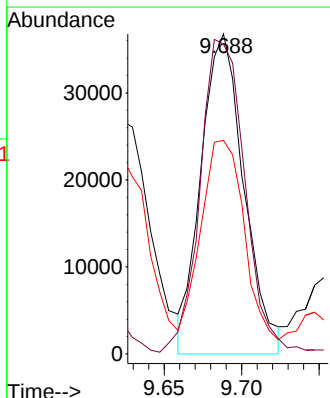
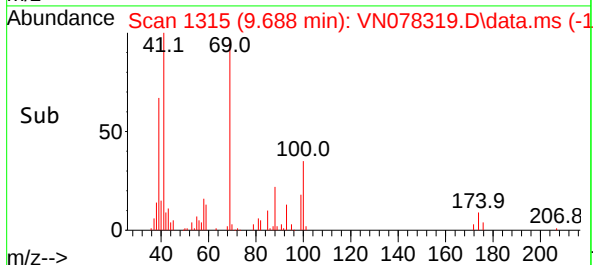
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

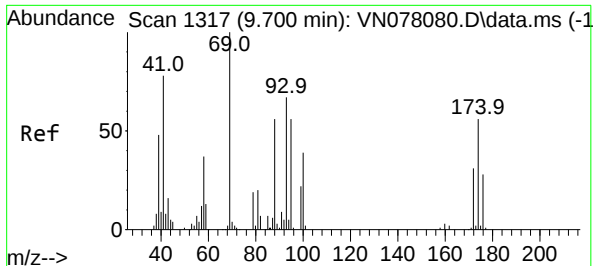


#48
Methyl methacrylate
Concen: 18.746 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58



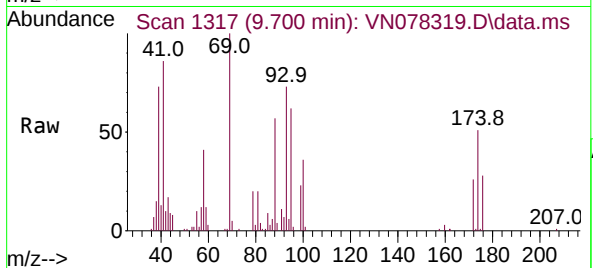
Tgt Ion: 41 Resp: 70739
Ion Ratio Lower Upper
41 100
69 103.4 90.4 135.6
39 69.2 54.6 81.8





#49
1,4-Dioxane
Concen: 358.372 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

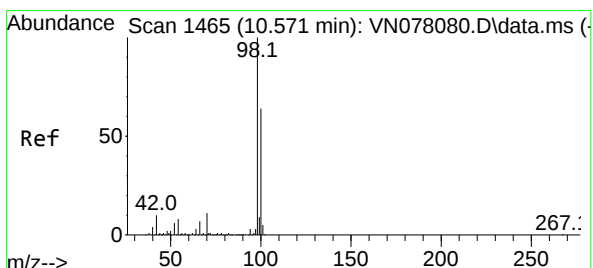
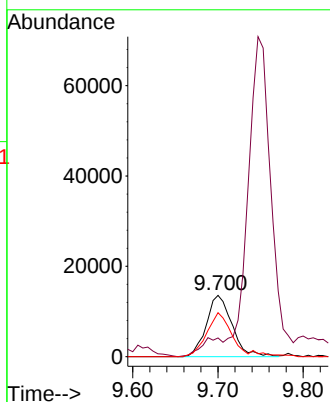
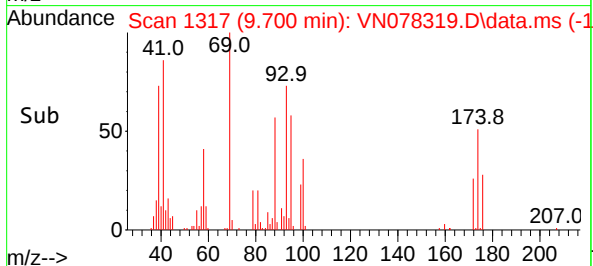
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



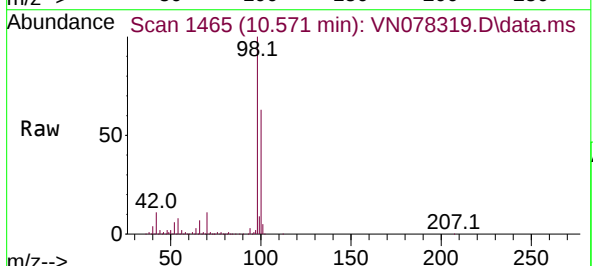
Tgt Ion: 88 Resp: 2842
Ion Ratio Lower Upper
88 100
43 26.1 17.0 25.6
58 67.4 47.0 70.4

Manual Integrations
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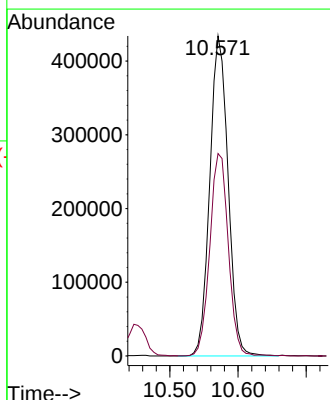
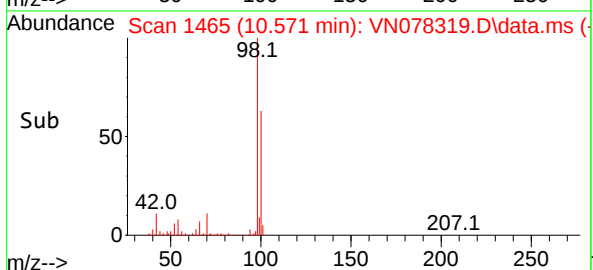
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

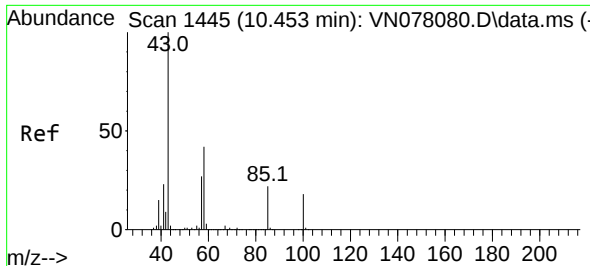


#50
Toluene-d8
Concen: 50.070 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58



Tgt Ion: 98 Resp: 809935
Ion Ratio Lower Upper
98 100
100 64.0 52.0 78.0





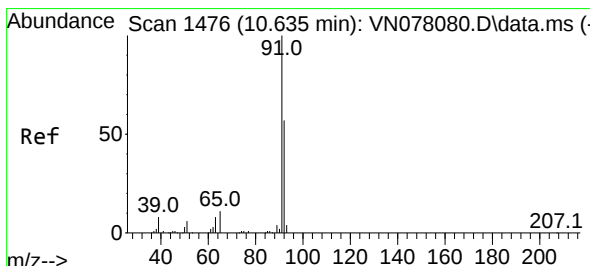
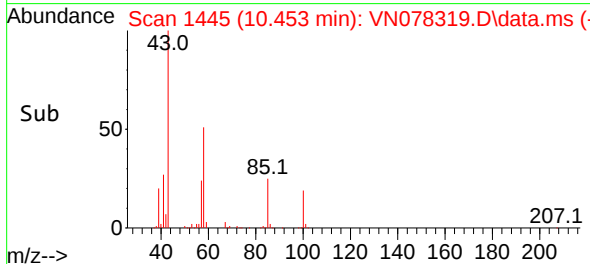
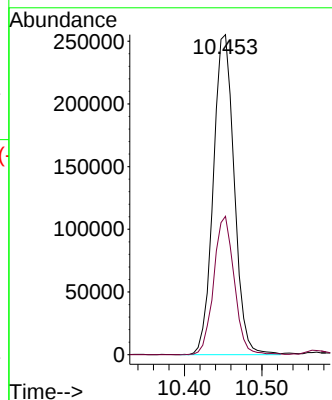
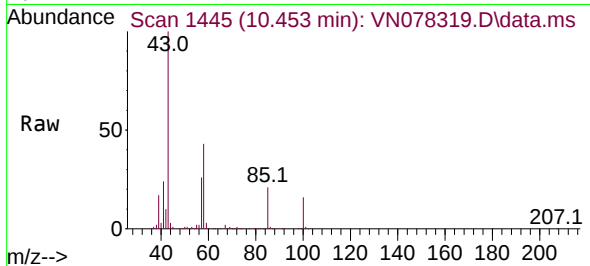
#51
4-Methyl-2-Pentanone
Concen: 101.161 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion: 43 Resp: 479000
Ion Ratio Lower Upper
43 100
58 42.4 36.6 54.8

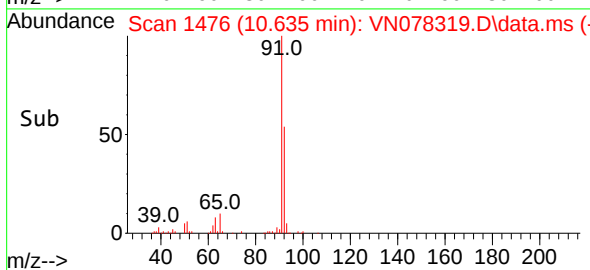
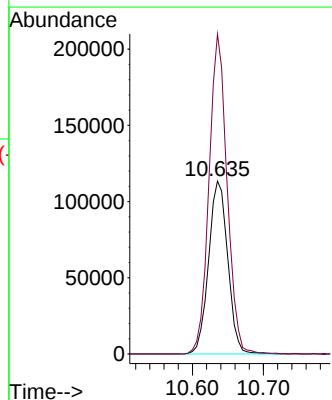
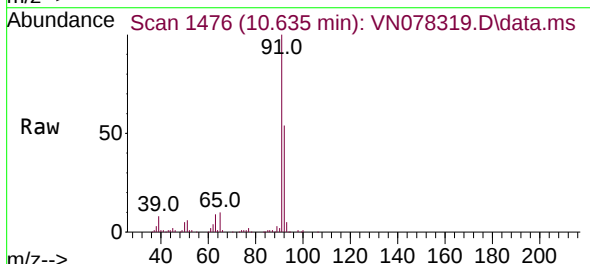
Manual Integrations
APPROVED

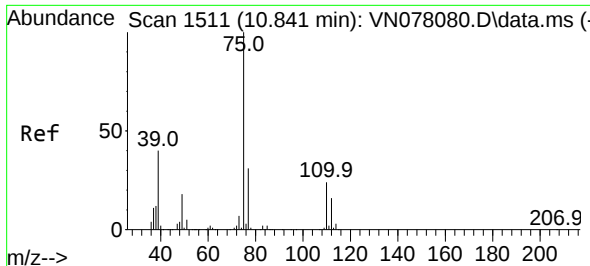
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#52
Toluene
Concen: 18.702 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

Tgt Ion: 92 Resp: 212165
Ion Ratio Lower Upper
92 100
91 175.0 137.4 206.0





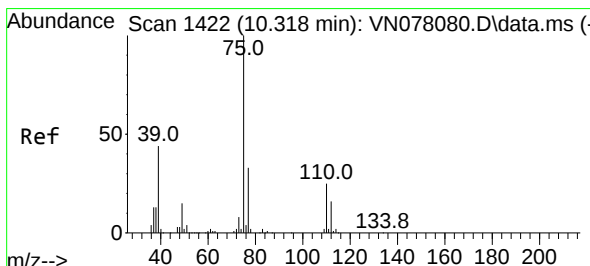
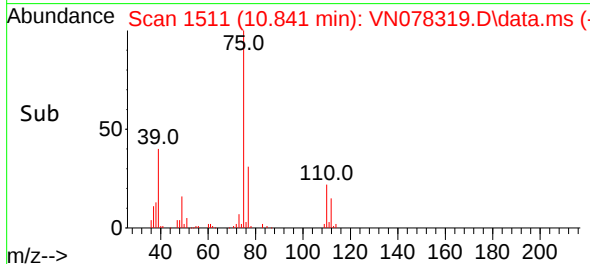
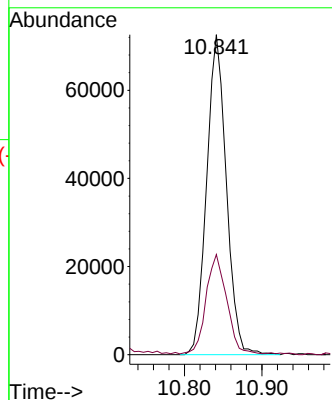
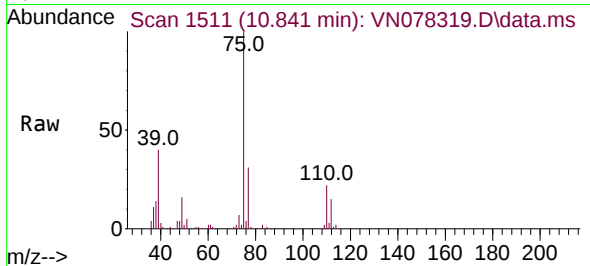
#53
t-1,3-Dichloropropene
Concen: 20.098 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion: 75 Resp: 128024
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0

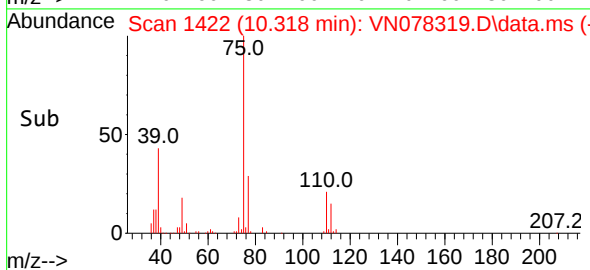
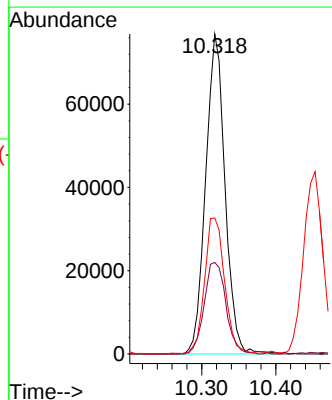
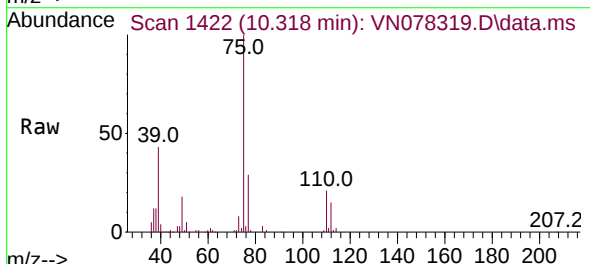
Manual Integrations
APPROVED

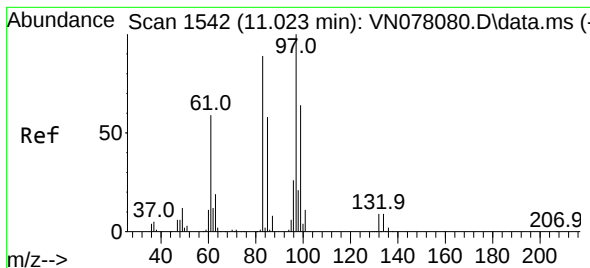
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#54
cis-1,3-Dichloropropene
Concen: 19.808 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

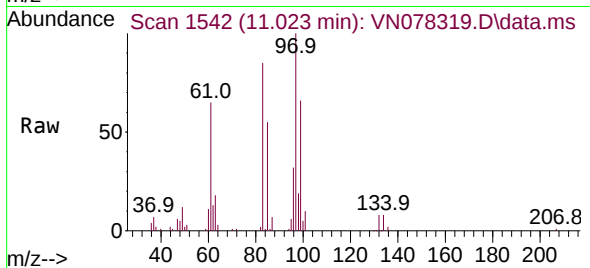
Tgt Ion: 75 Resp: 139479
Ion Ratio Lower Upper
75 100
77 28.6 26.1 39.1
39 42.3 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 20.979 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

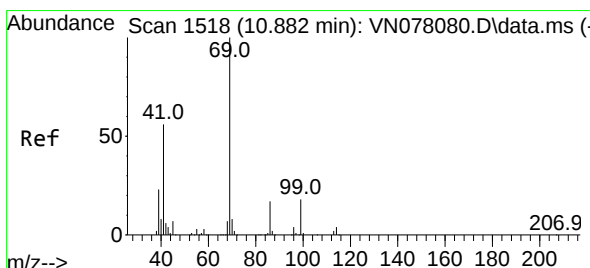
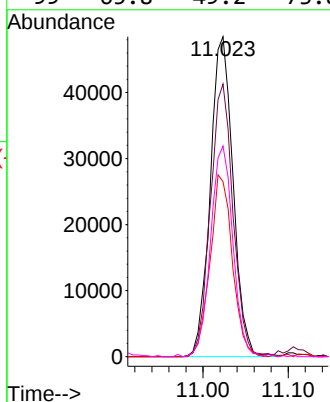
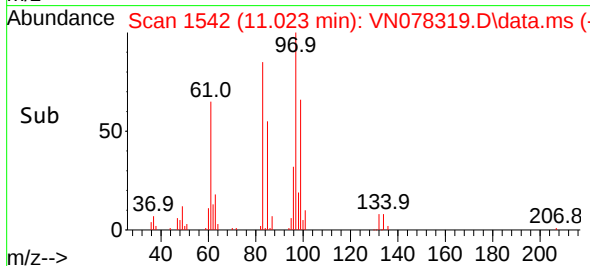
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



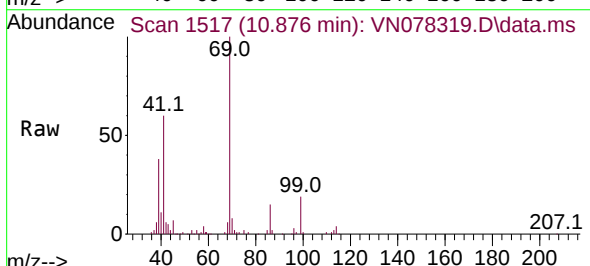
Tgt Ion:	97	Resp:	9003
Ion Ratio	100	Lower	Upper
97	100		
83	85.2	65.1	97.7
85	54.7	43.4	65.2
99	65.8	49.2	73.8

Manual Integrations
APPROVED

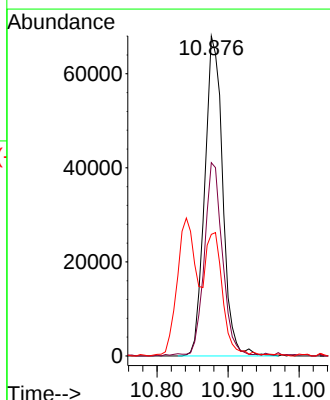
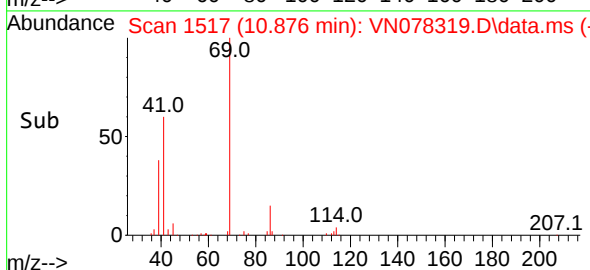
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

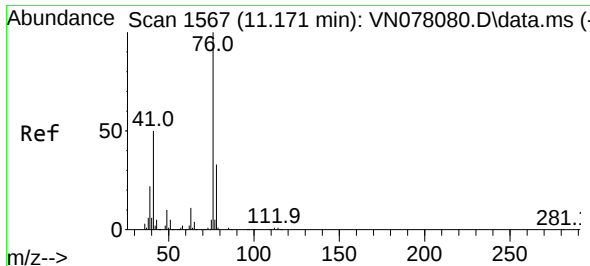


#56
Ethyl methacrylate
Concen: 19.161 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58



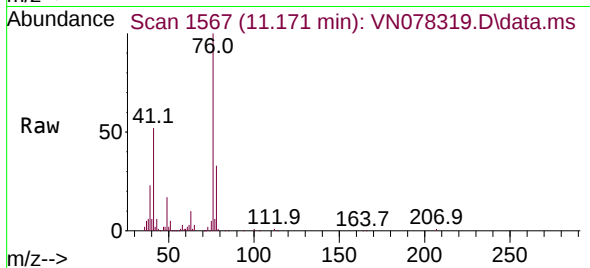
Tgt Ion:	69	Resp:	119732
Ion Ratio	100	Lower	Upper
69	100		
41	61.3	39.6	59.4
39	34.2	28.6	43.0





#57
1,3-Dichloropropane
Concen: 20.724 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

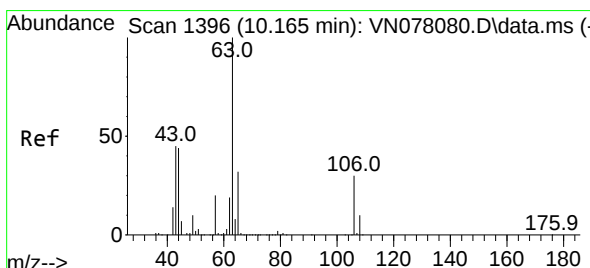
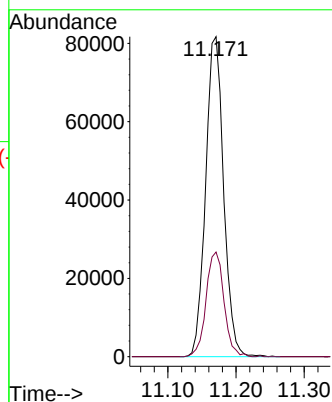
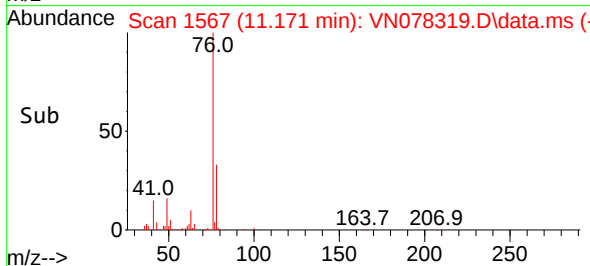
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



Tgt Ion: 76 Resp: 150127
Ion Ratio Lower Upper
76 100
78 32.6 26.1 39.1

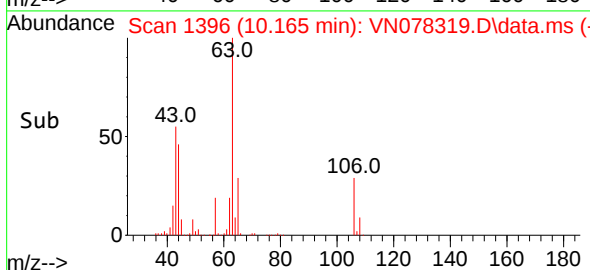
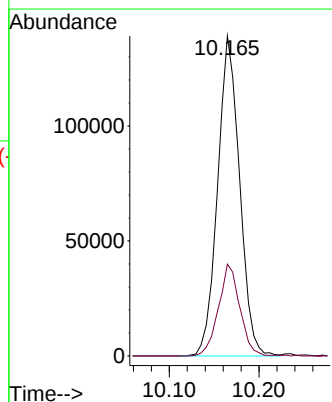
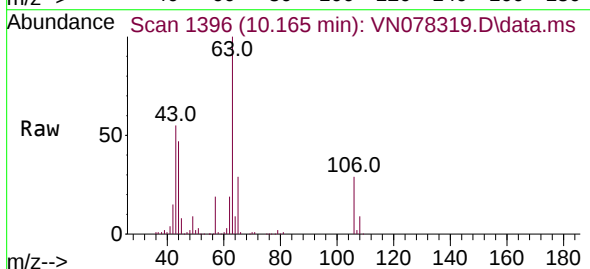
Manual Integrations
APPROVED

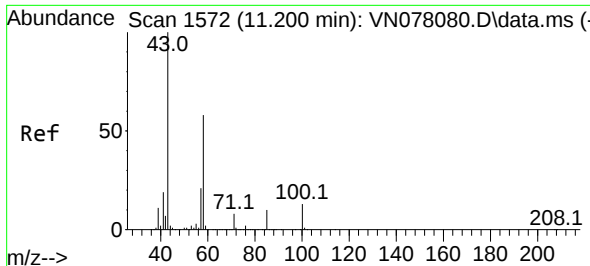
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#58
2-Chloroethyl Vinyl ether
Concen: 93.616 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

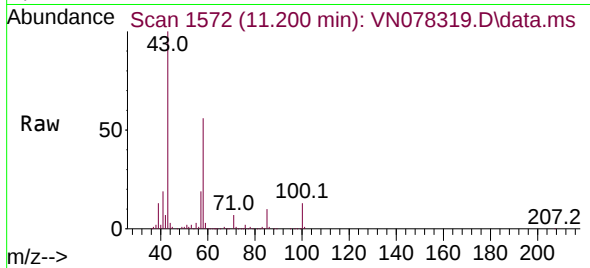
Tgt Ion: 63 Resp: 236320
Ion Ratio Lower Upper
63 100
106 28.0 26.2 39.4





#59
2-Hexanone
Concen: 102.896 ug/l
RT: 11.200 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

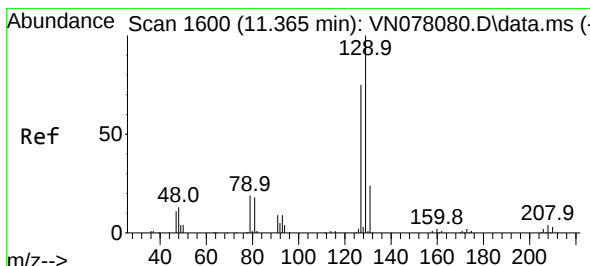
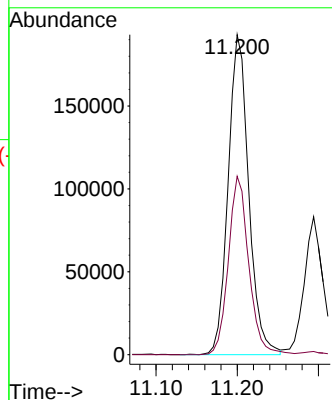
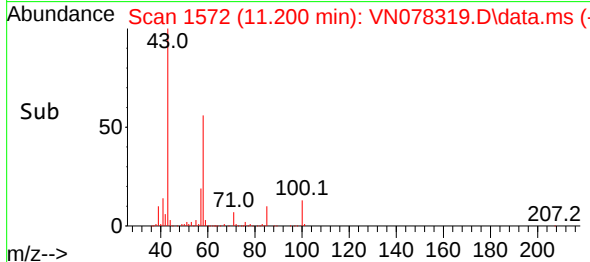
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



Tgt Ion: 43 Resp: 339240
Ion Ratio Lower Upper
43 100
58 55.4 31.7 95.1

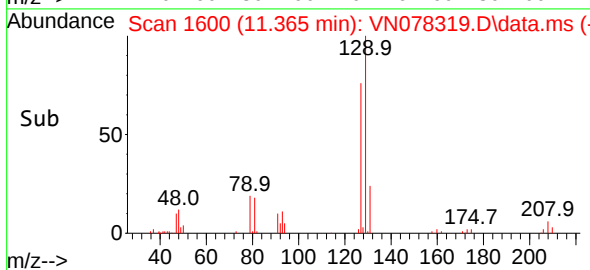
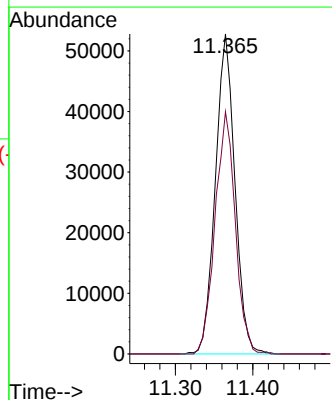
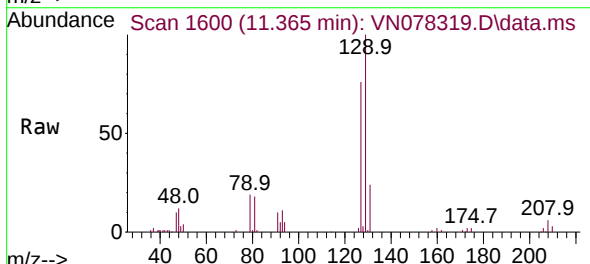
Manual Integrations
APPROVED

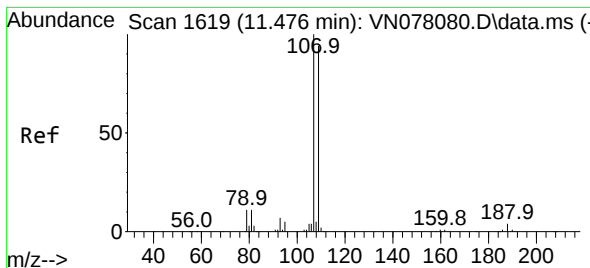
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#60
Dibromochloromethane
Concen: 19.746 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

Tgt Ion:129 Resp: 92728
Ion Ratio Lower Upper
129 100
127 78.3 38.6 116.0





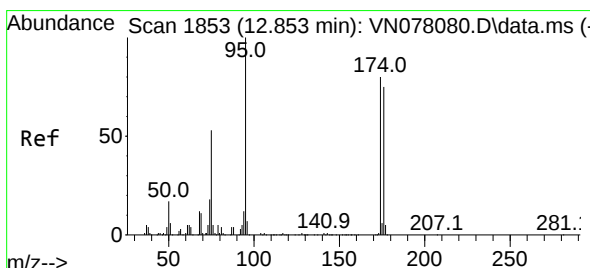
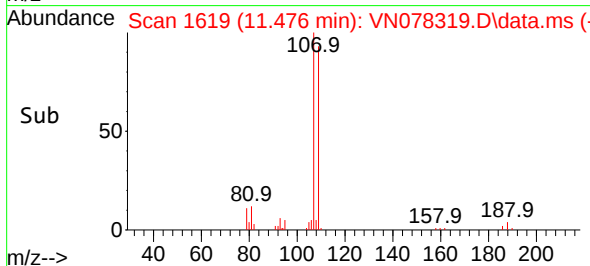
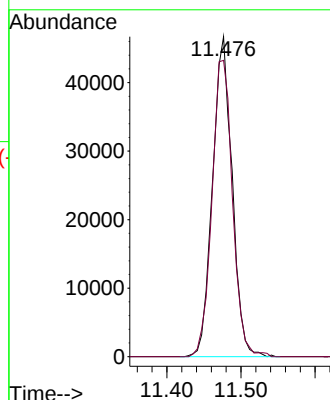
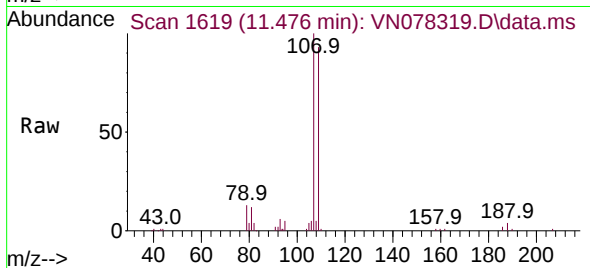
#61
1,2-Dibromoethane
Concen: 18.998 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion:107 Resp: 8556
Ion Ratio Lower Upper
107 100
109 97.5 76.6 114.8

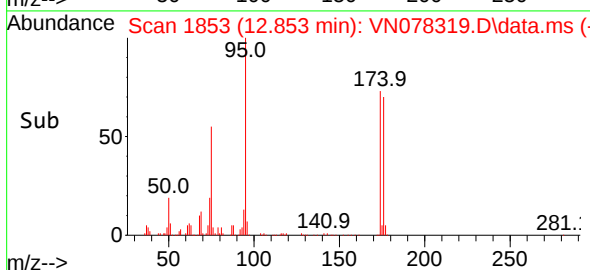
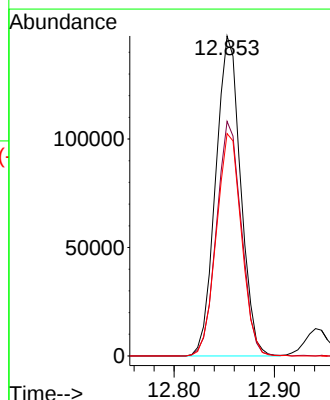
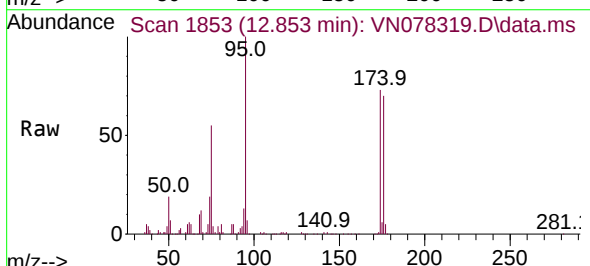
Manual Integrations
APPROVED

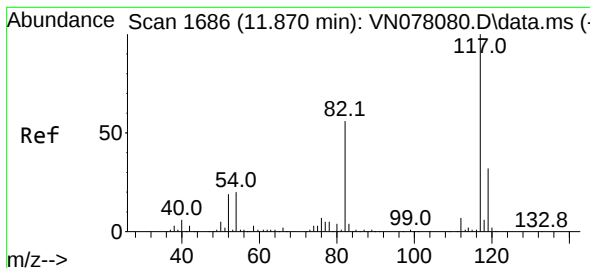
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#62
4-Bromofluorobenzene
Concen: 50.531 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

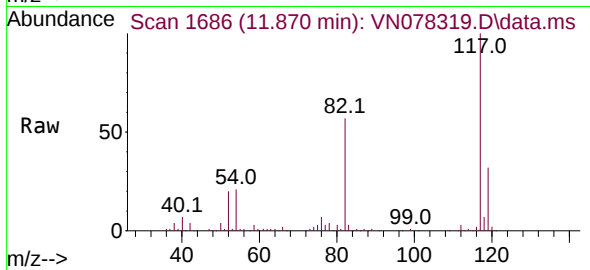
Tgt Ion: 95 Resp: 254109
Ion Ratio Lower Upper
95 100
174 73.0 0.0 143.8
176 70.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

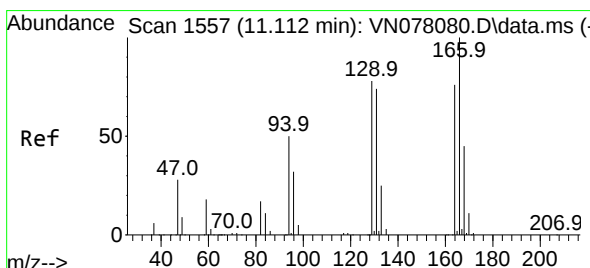
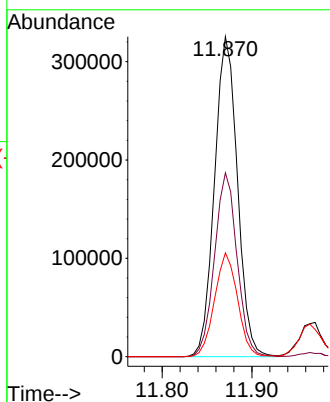
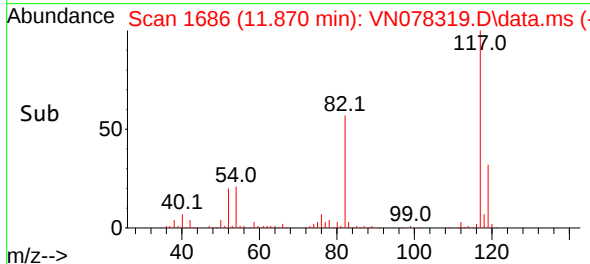
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



Tgt Ion:117 Resp: 57754
Ion Ratio Lower Upper
117 100
82 57.5 44.0 66.0
119 32.4 25.6 38.4

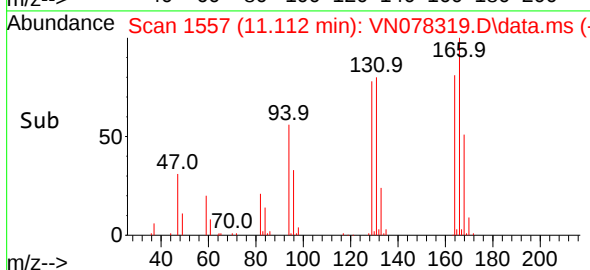
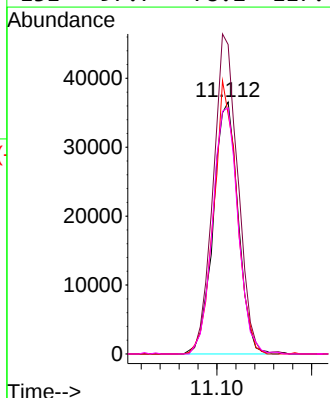
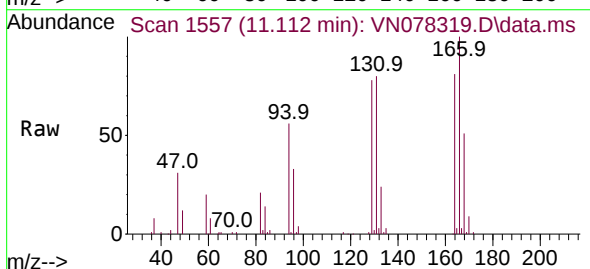
Manual Integrations
APPROVED

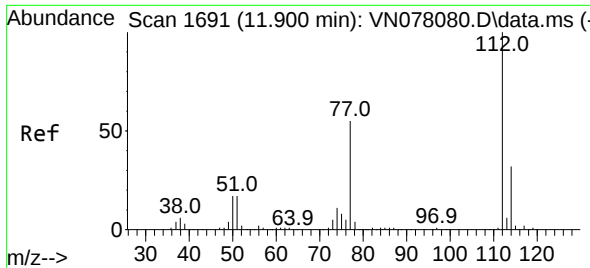
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#64
Tetrachloroethene
Concen: 17.327 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

Tgt Ion:164 Resp: 66760
Ion Ratio Lower Upper
164 100
166 122.8 101.4 152.0
129 95.3 82.4 123.6
131 97.7 78.2 117.4





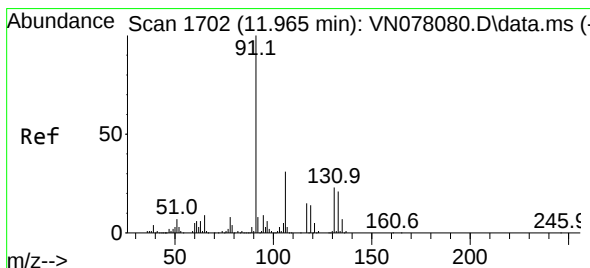
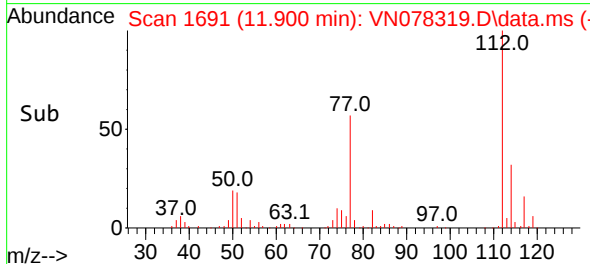
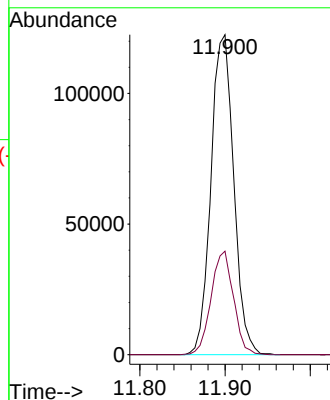
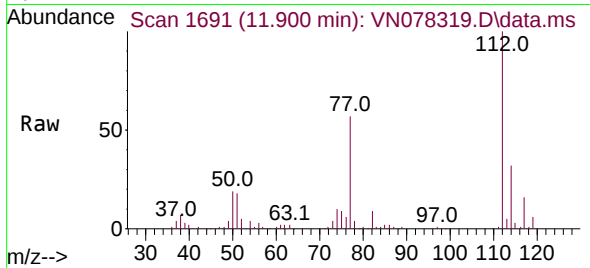
#65
Chlorobenzene
Concen: 18.398 ug/l
RT: 11.900 min Scan# 1119
Delta R.T. -0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion:112 Resp: 227554
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.4

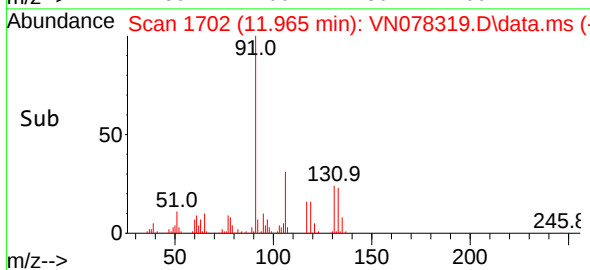
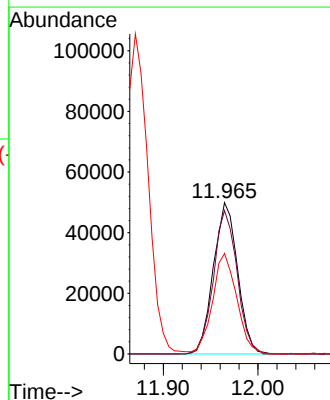
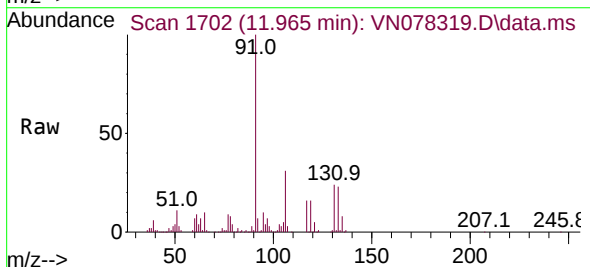
Manual Integrations
APPROVED

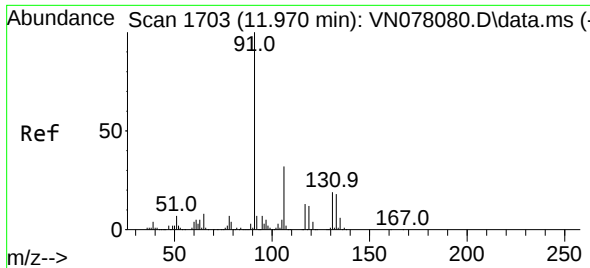
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 19.491 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

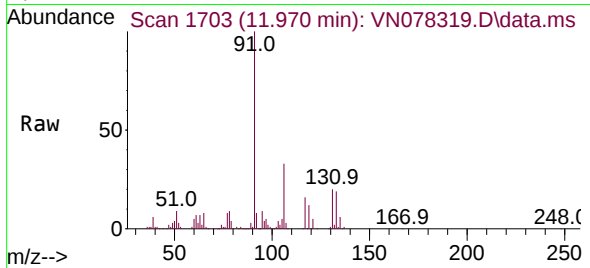
Tgt Ion:131 Resp: 88665
Ion Ratio Lower Upper
131 100
133 92.7 46.4 139.1
119 66.4 34.1 102.2





#67
Ethyl Benzene
Concen: 17.542 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

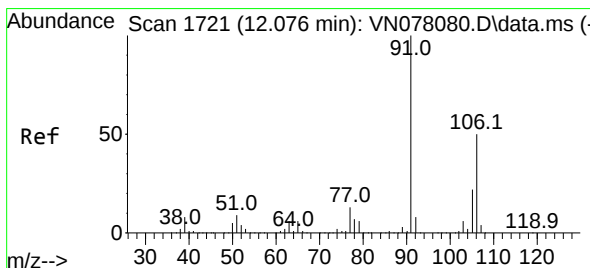
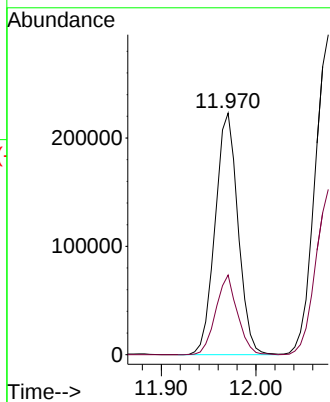
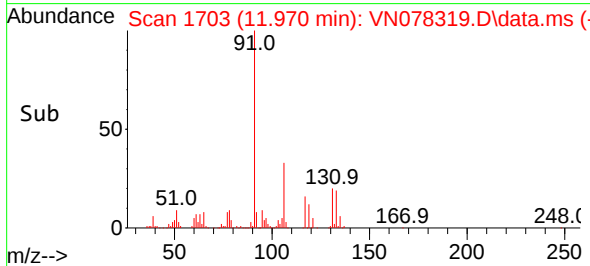
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



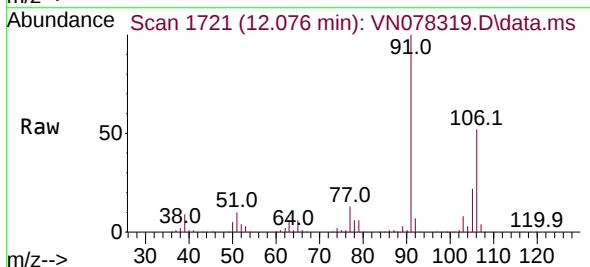
Tgt Ion: 91 Resp: 374374
Ion Ratio Lower Upper
91 100
106 33.0 25.6 38.4

Manual Integrations
APPROVED

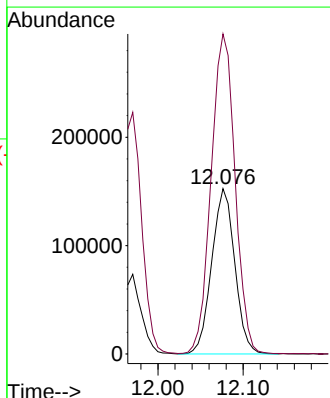
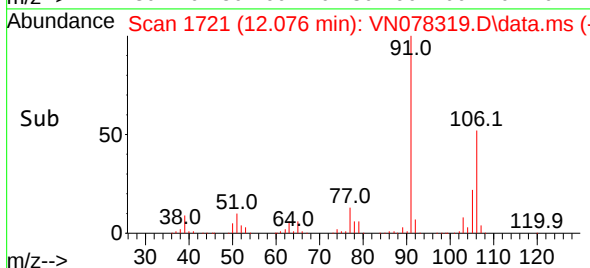
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

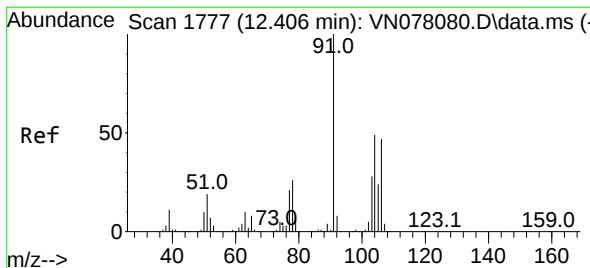


#68
m/p-Xylenes
Concen: 35.249 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58



Tgt Ion:106 Resp: 286686
Ion Ratio Lower Upper
106 100
91 201.4 159.6 239.4





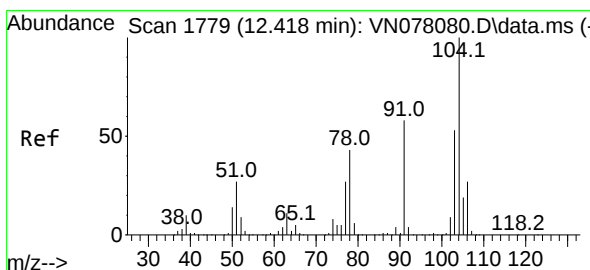
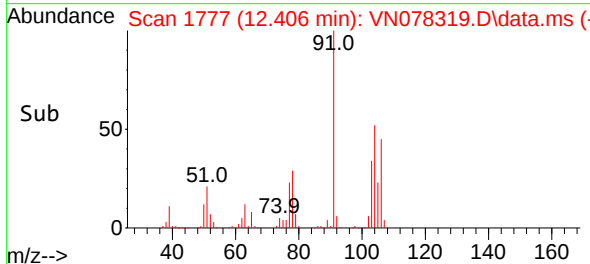
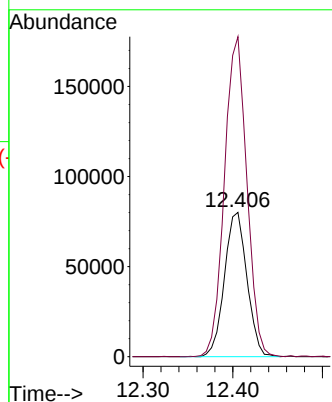
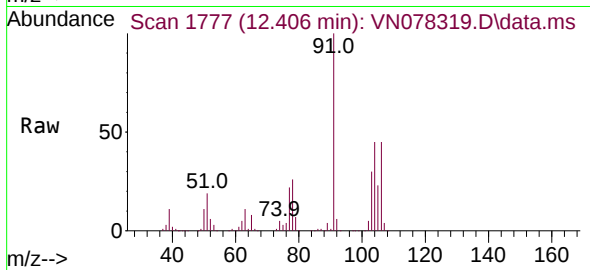
#69
o-Xylene
Concen: 17.466 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion:106 Resp: 139504
Ion Ratio Lower Upper
106 100
91 220.9 105.2 315.5

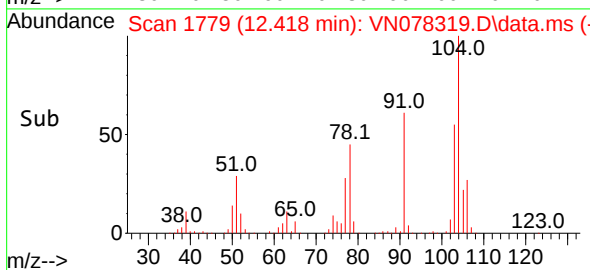
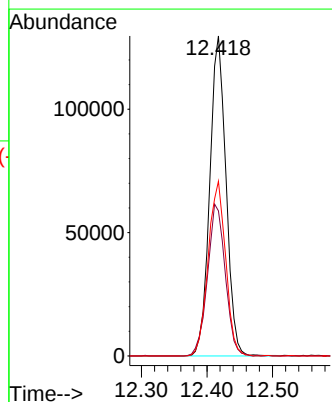
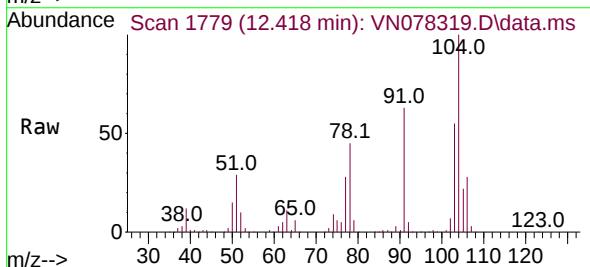
Manual Integrations
APPROVED

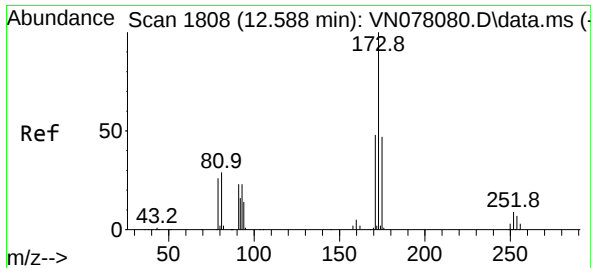
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#70
Styrene
Concen: 17.792 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

Tgt Ion:104 Resp: 223716
Ion Ratio Lower Upper
104 100
78 51.7 39.5 59.3
103 58.6 43.2 64.8





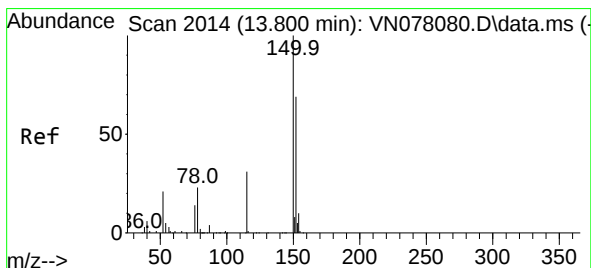
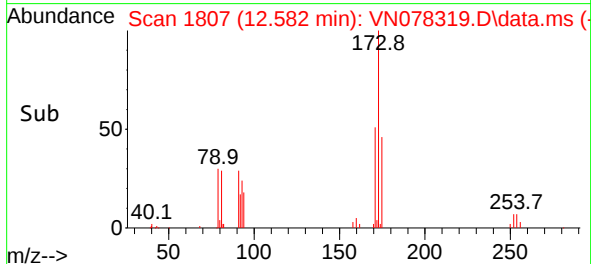
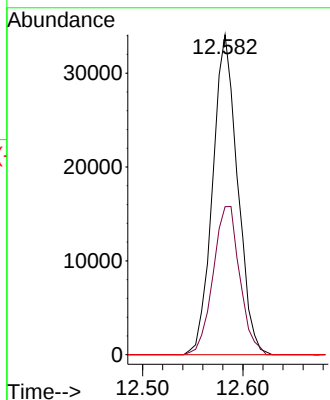
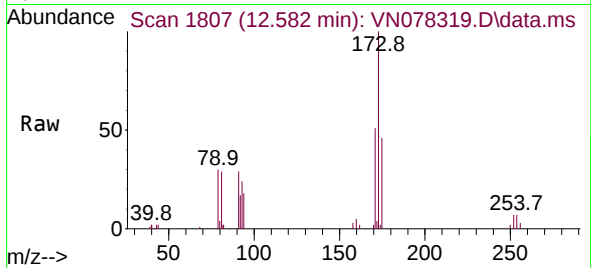
#71
Bromoform
Concen: 20.059 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion:173 Resp: 58889
Ion Ratio Lower Upper
173 100
175 49.5 24.3 73.0
254 0.0 0.0 0.0

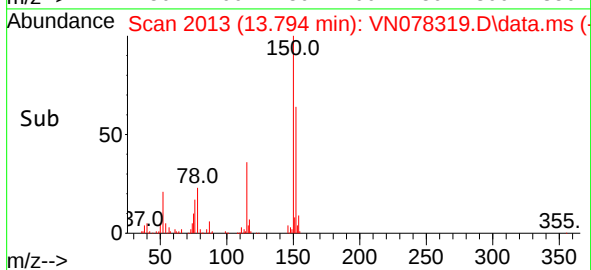
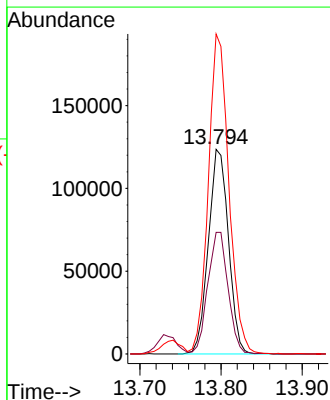
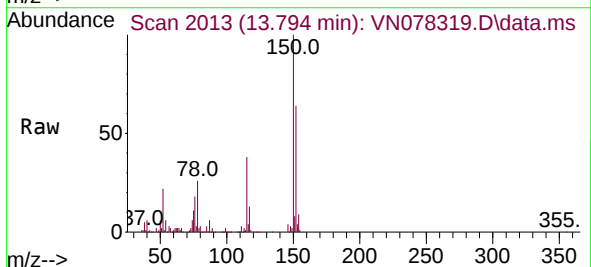
Manual Integrations
APPROVED

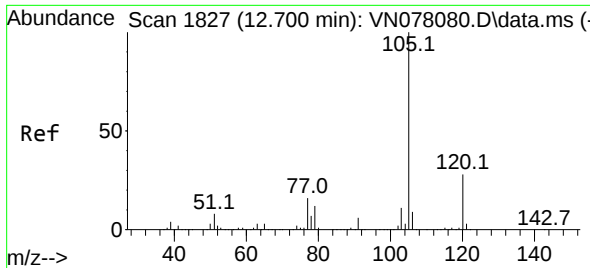
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

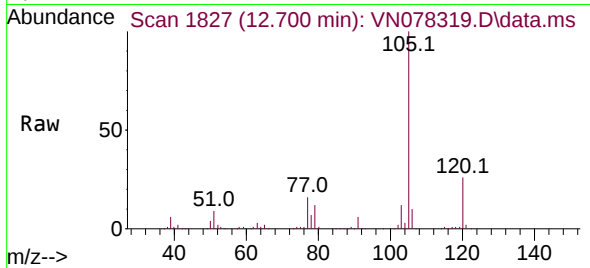
Tgt Ion:152 Resp: 212233
Ion Ratio Lower Upper
152 100
115 60.0 32.3 96.8
150 159.9 0.0 355.8





#73
Isopropylbenzene
Concen: 17.059 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

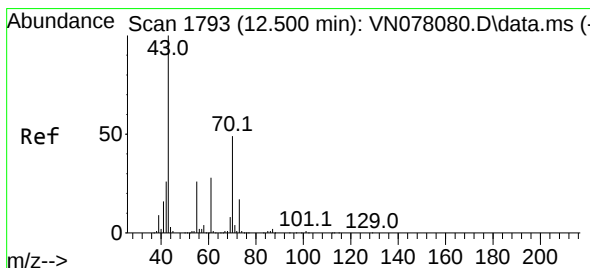
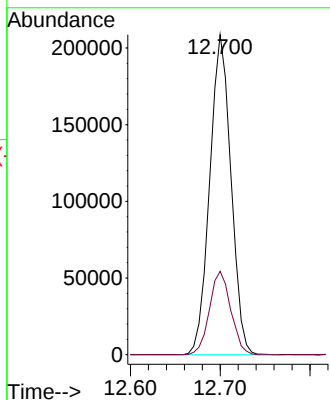
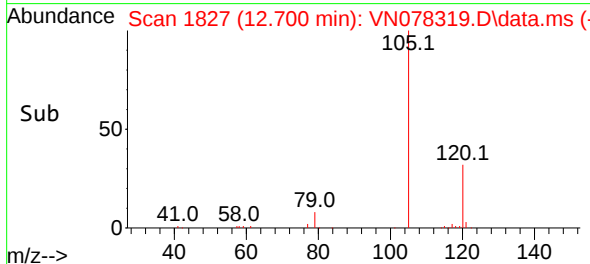
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



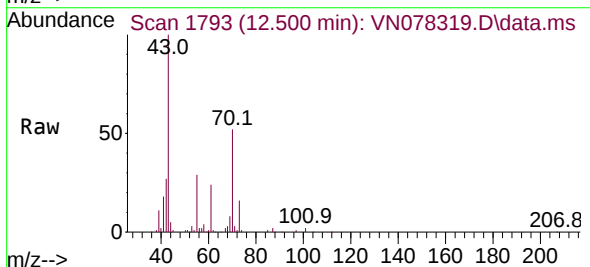
Tgt Ion:105 Resp: 342350
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1

Manual Integrations
APPROVED

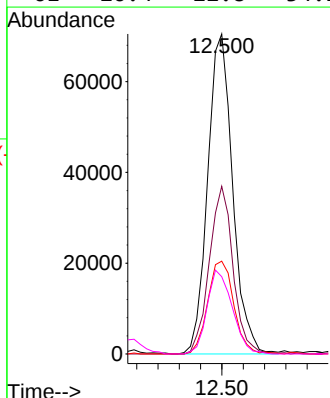
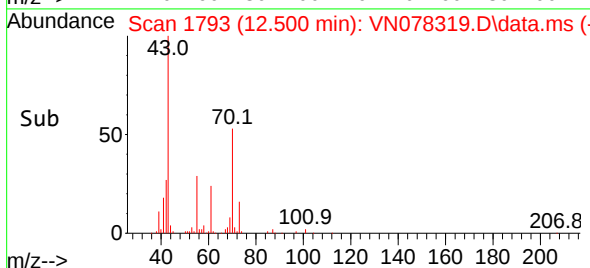
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

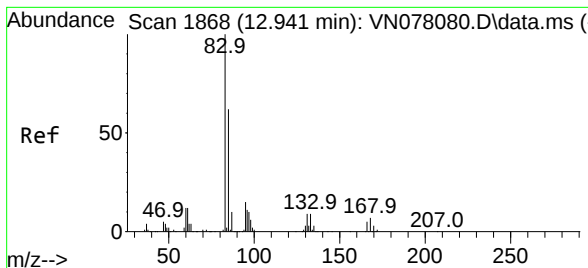


#74
N-ethyl acetate
Concen: 17.386 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58



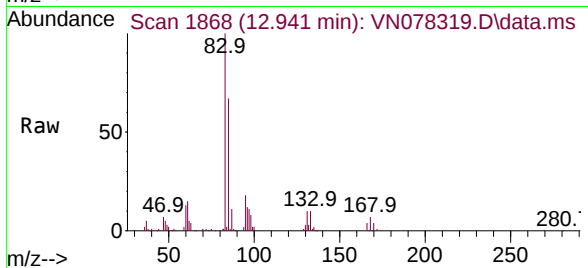
Tgt Ion: 43 Resp: 114901
Ion Ratio Lower Upper
43 100
70 49.9 43.4 65.2
55 30.4 21.4 32.0
61 26.4 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 21.099 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

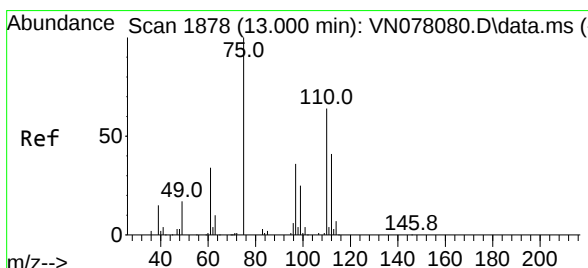
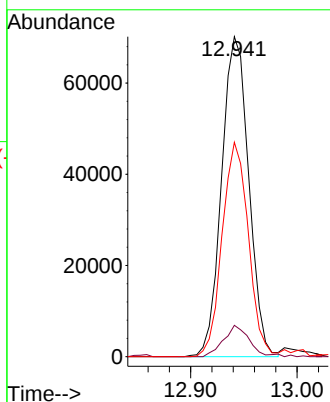
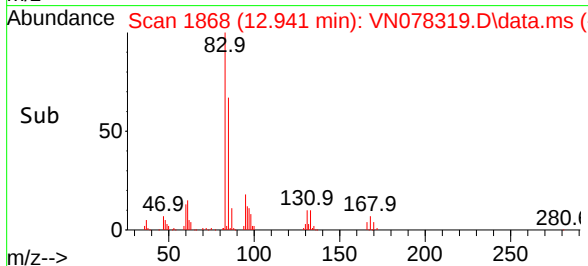
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



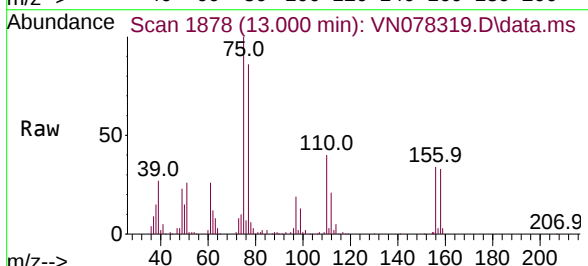
Tgt Ion: 83 Resp: 124275
Ion Ratio Lower Upper
83 100
131 9.4 5.0 15.0
85 64.8 31.9 95.7

Manual Integrations
APPROVED

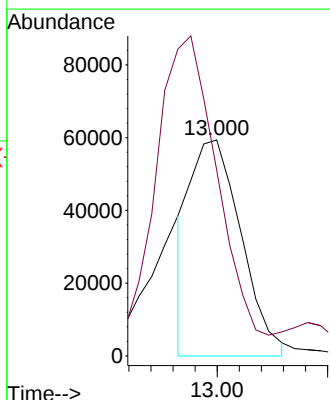
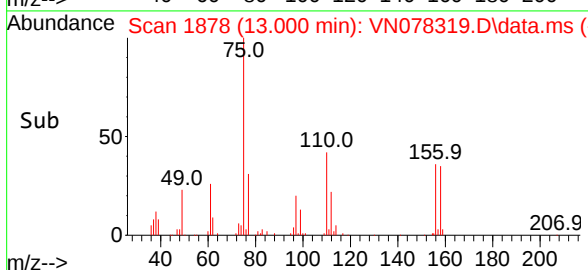
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

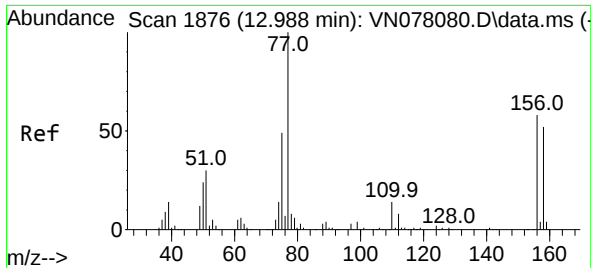


#76
1,2,3-Trichloropropane
Concen: 19.057 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58



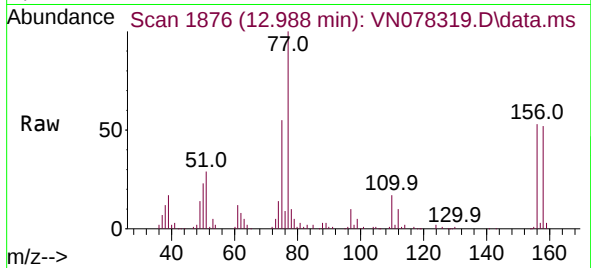
Tgt Ion: 75 Resp: 95613
Ion Ratio Lower Upper
75 100
77 183.8 84.5 253.5





#77
Bromobenzene
Concen: 17.639 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

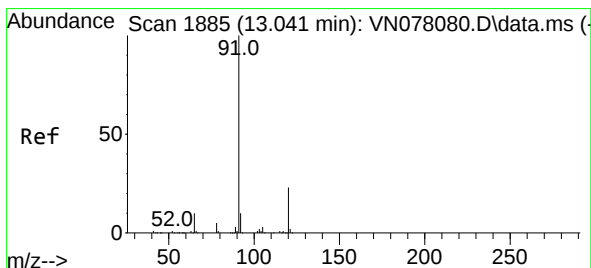
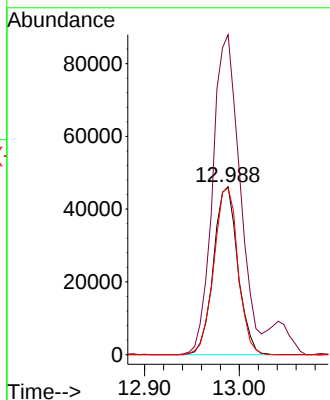
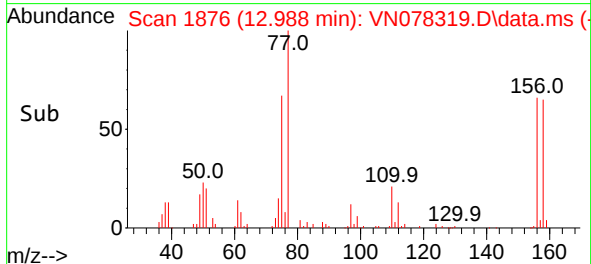
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



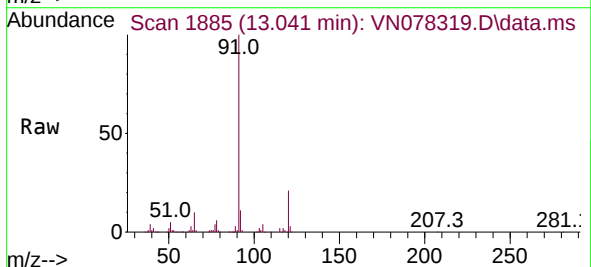
Tgt Ion:156 Resp: 82180
Ion Ratio Lower Upper
156 100
77 213.9 107.7 323.3
158 98.9 48.4 145.3

Manual Integrations
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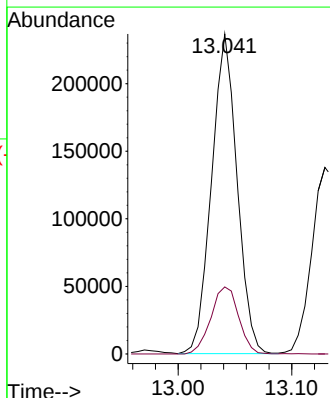
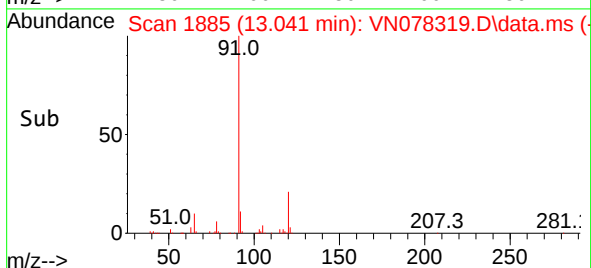
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

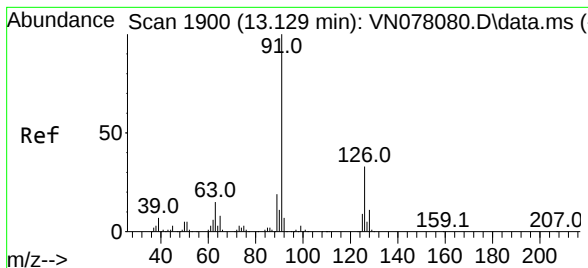


#78
n-propylbenzene
Concen: 16.924 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58



Tgt Ion: 91 Resp: 369022
Ion Ratio Lower Upper
91 100
120 22.8 11.5 34.4





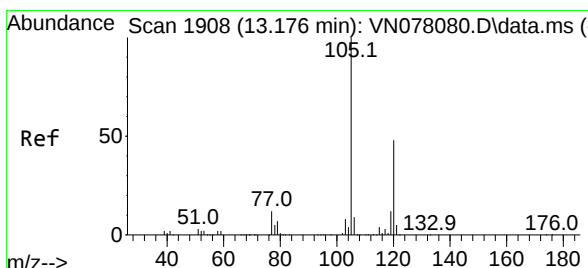
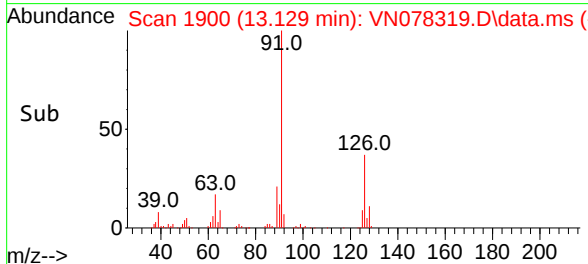
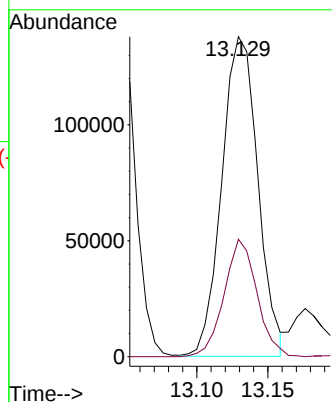
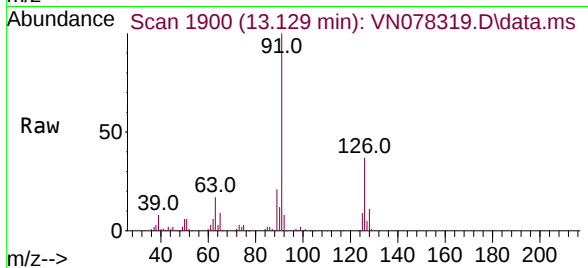
#79
2-Chlorotoluene
Concen: 17.284 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion: 91 Resp: 243268
Ion Ratio Lower Upper
91 100
126 33.5 16.3 48.8

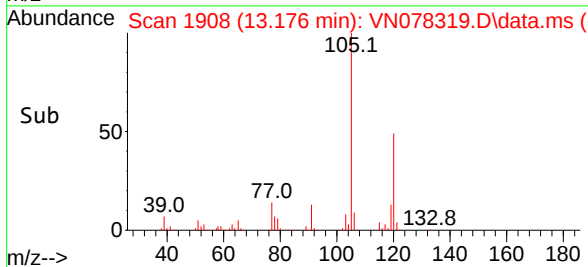
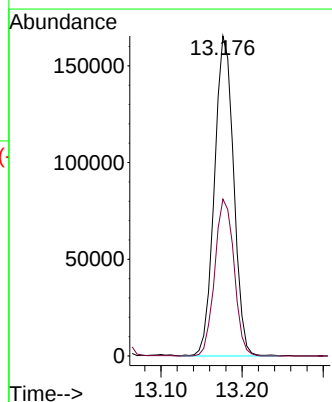
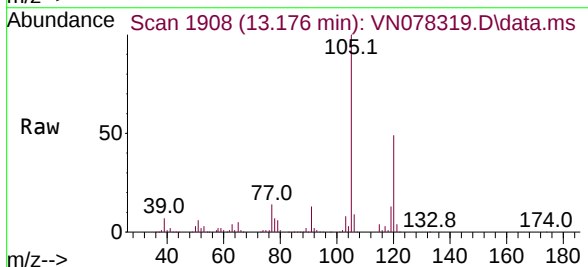
Manual Integrations
APPROVED

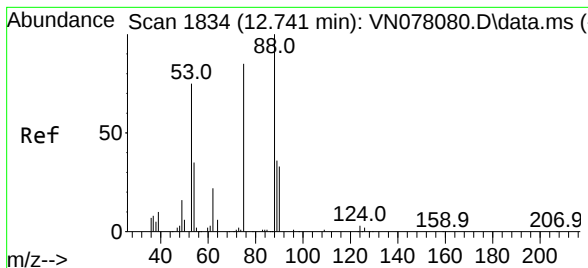
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#80
1,3,5-Trimethylbenzene
Concen: 16.755 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

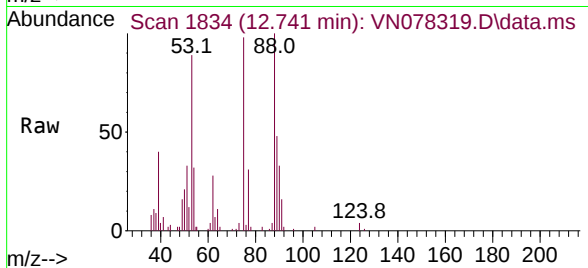
Tgt Ion:105 Resp: 272253
Ion Ratio Lower Upper
105 100
120 49.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 20.397 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

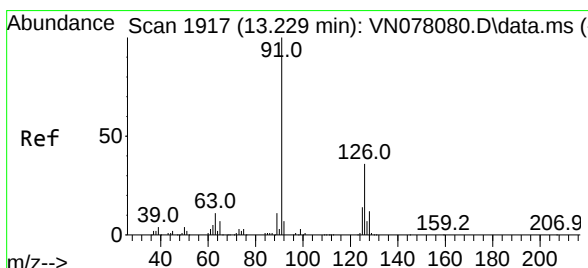
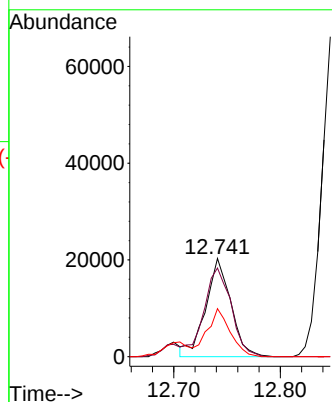
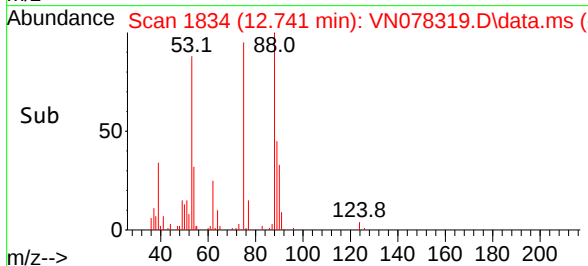
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



Tgt Ion: 75 Resp: 33310
Ion Ratio Lower Upper
75 100
53 98.6 67.4 101.2
89 44.6 38.8 58.2

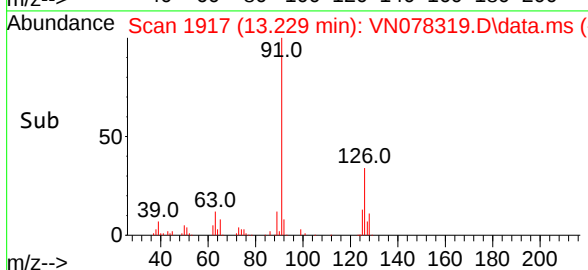
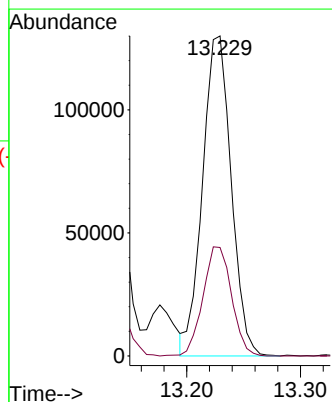
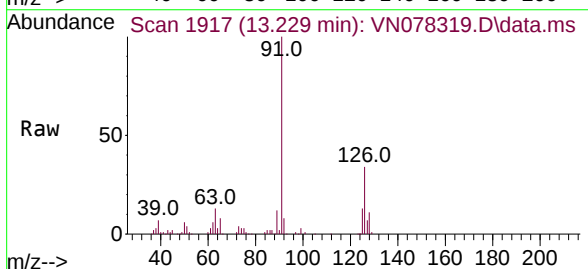
Manual Integrations
APPROVED

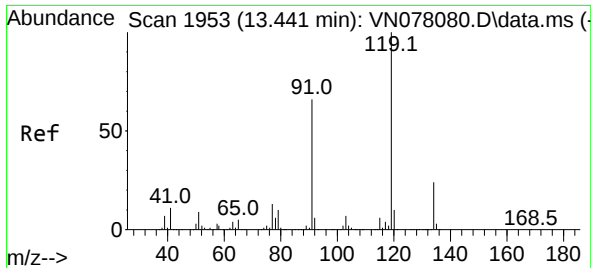
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#82
4-Chlorotoluene
Concen: 17.340 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

Tgt Ion: 91 Resp: 227785
Ion Ratio Lower Upper
91 100
126 34.1 16.7 50.0





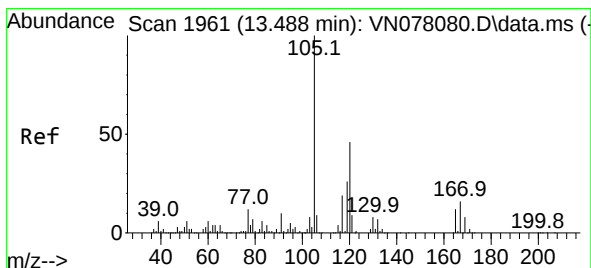
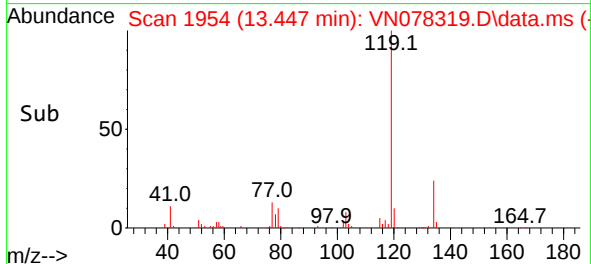
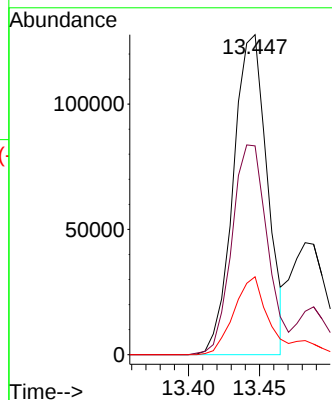
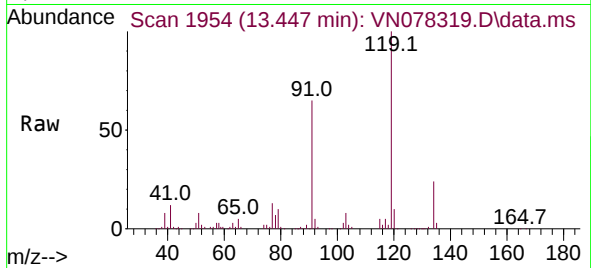
#83
tert-Butylbenzene
Concen: 15.040 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion:119 Resp: 212424
Ion Ratio Lower Upper
119 100
91 68.8 33.9 101.7
134 27.3 13.2 39.6

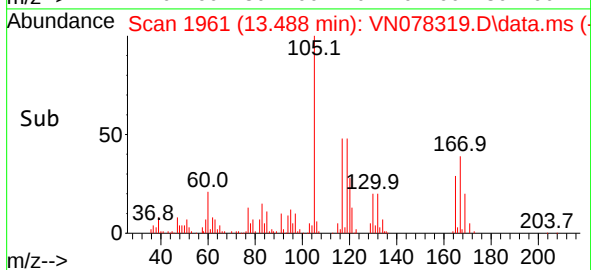
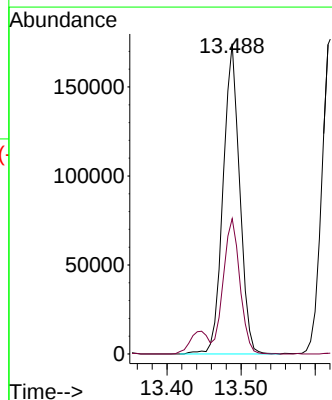
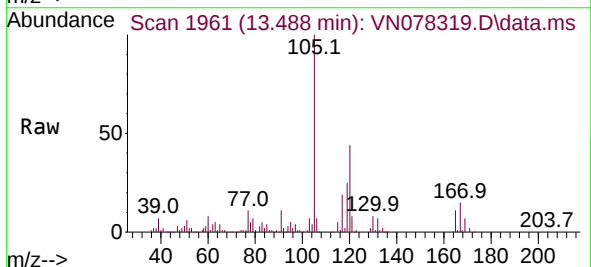
Manual Integrations
APPROVED

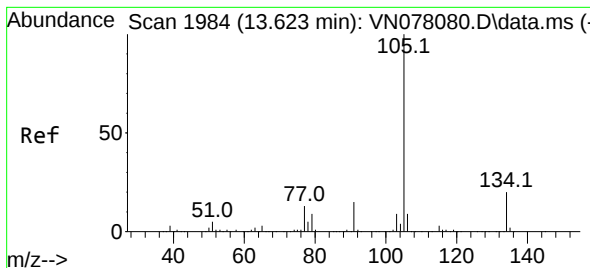
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#84
1,2,4-Trimethylbenzene
Concen: 17.172 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

Tgt Ion:105 Resp: 270518
Ion Ratio Lower Upper
105 100
120 43.8 22.0 66.0





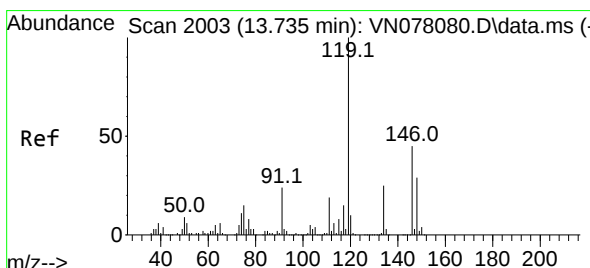
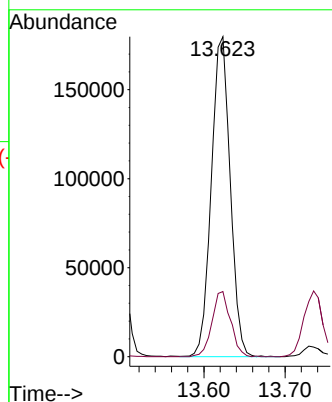
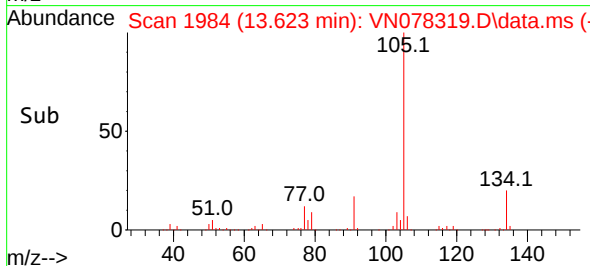
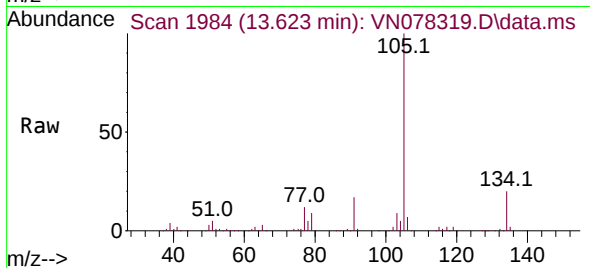
#85
 sec-Butylbenzene
 Concen: 15.699 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.000 min
 Lab File: VN078319.D
 Acq: 21 Jun 2023 13:58

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0621WBSD01

Tgt Ion:105 Resp: 29022
 Ion Ratio Lower Upper
 105 100
 134 20.0 9.8 29.3

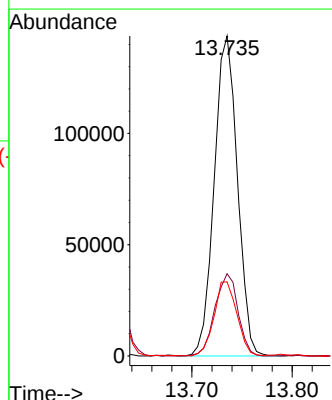
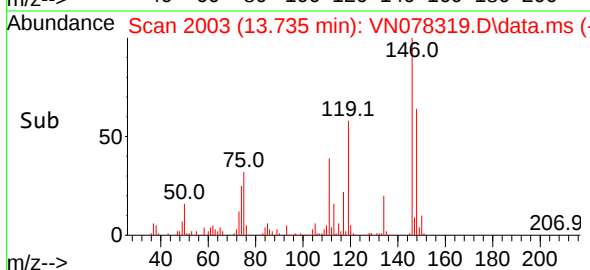
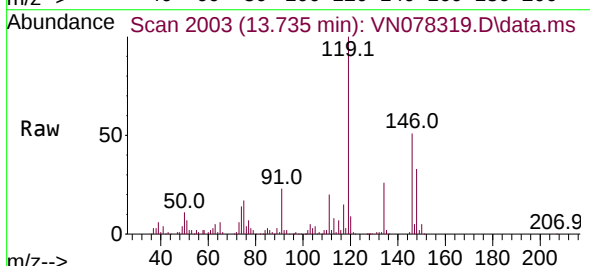
Manual Integrations
 APPROVED

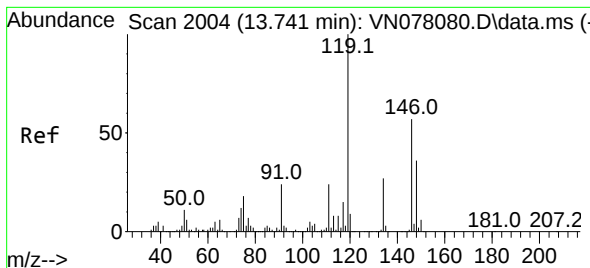
Reviewed By :John Carlone 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023



#86
 p-Isopropyltoluene
 Concen: 15.385 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078319.D
 Acq: 21 Jun 2023 13:58

Tgt Ion:119 Resp: 230811
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.6 37.8
 91 22.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 16.854 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VN078319.D

Acq: 21 Jun 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBSD01

Tgt Ion:146 Resp: 132820

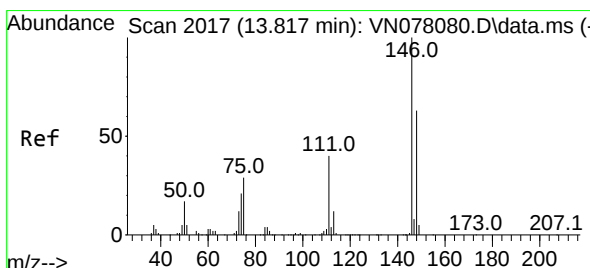
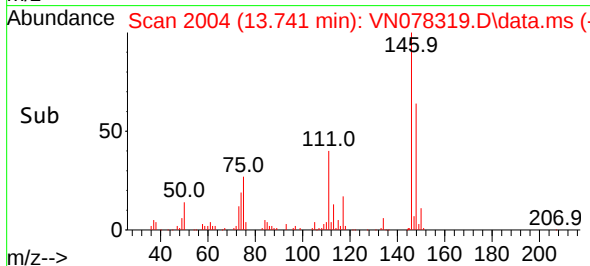
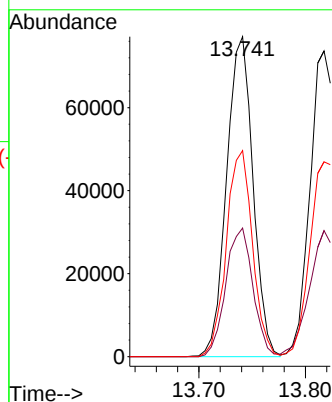
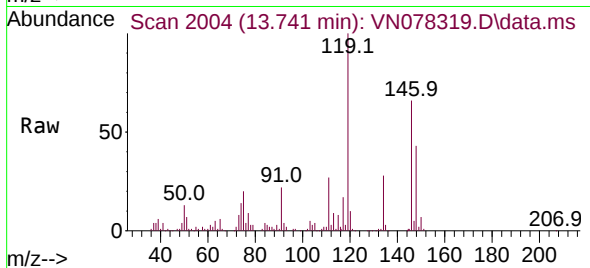
Ion	Ratio	Lower	Upper
146	100		
111	41.4	22.1	66.3
148	64.0	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#88

1,4-Dichlorobenzene

Concen: 16.885 ug/l

RT: 13.817 min Scan# 2017

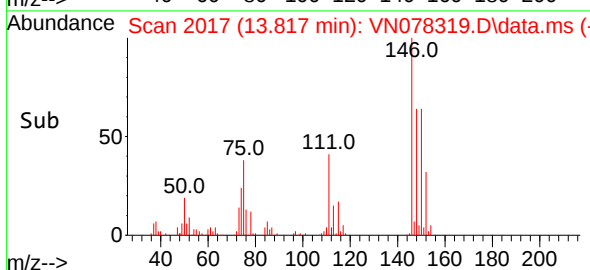
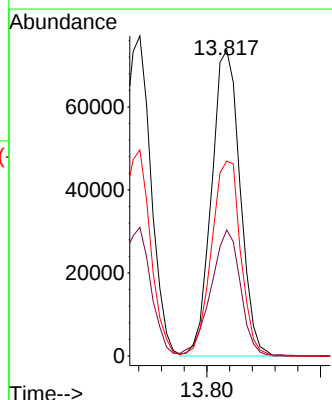
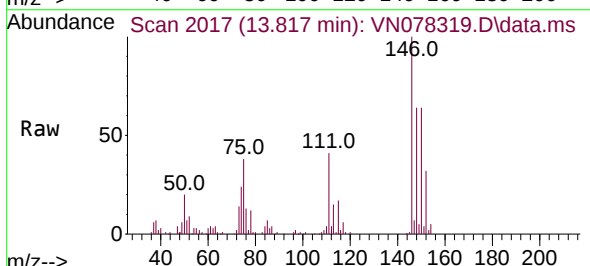
Delta R.T. 0.000 min

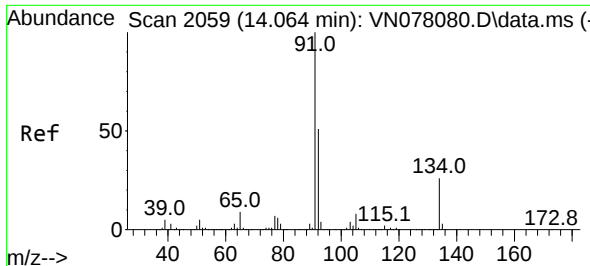
Lab File: VN078319.D

Acq: 21 Jun 2023 13:58

Tgt Ion:146 Resp: 128400

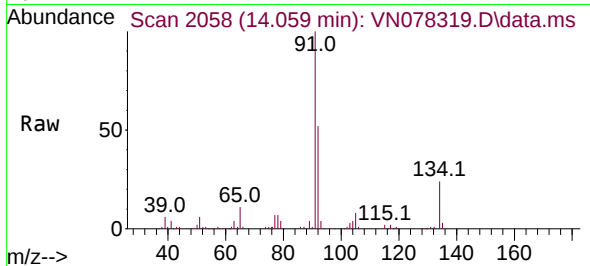
Ion	Ratio	Lower	Upper
146	100		
111	42.8	20.6	61.8
148	65.3	31.6	94.8





#89
n-Butylbenzene
Concen: 14.341 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

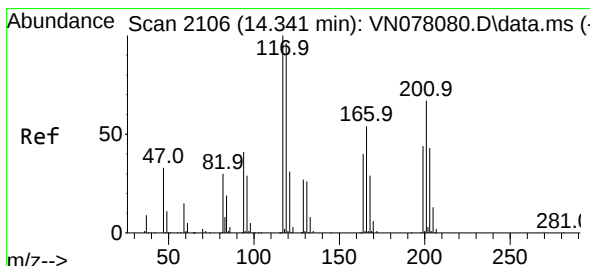
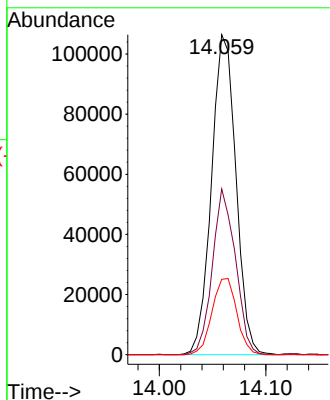
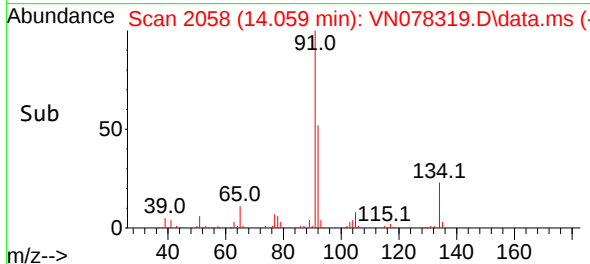
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



Tgt Ion: 91 Resp: 169690
Ion Ratio Lower Upper
91 100
92 48.8 26.4 79.0
134 24.1 12.6 37.6

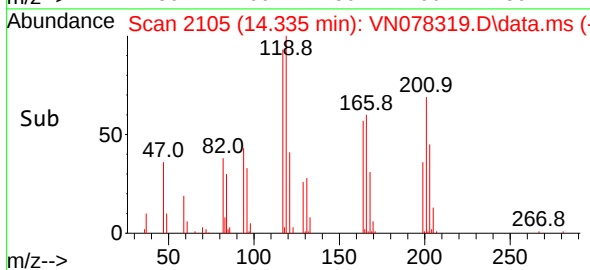
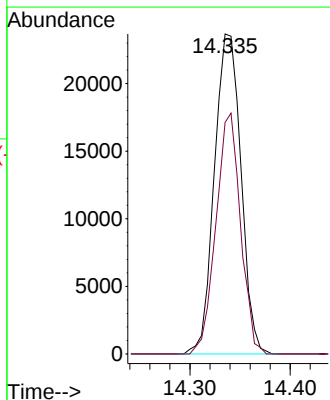
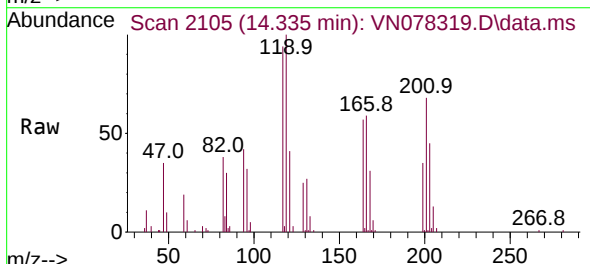
Manual Integrations
APPROVED

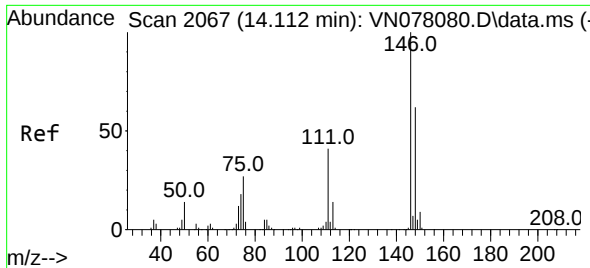
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#90
Hexachloroethane
Concen: 16.361 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

Tgt Ion:117 Resp: 43559
Ion Ratio Lower Upper
117 100
201 69.6 29.3 88.0





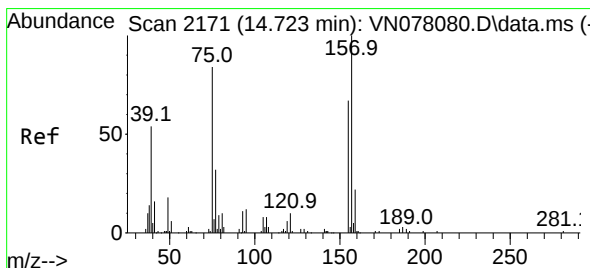
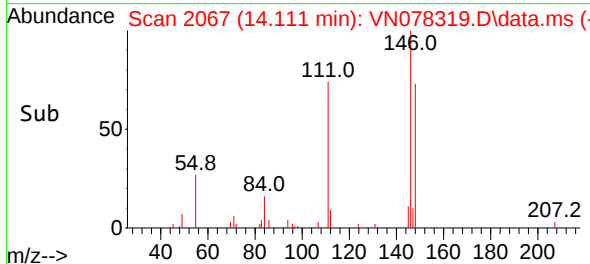
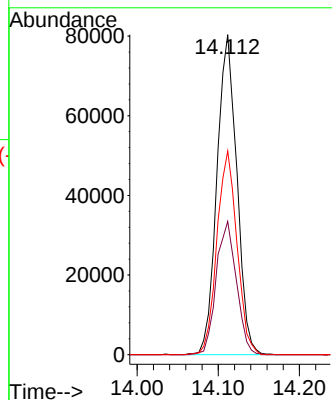
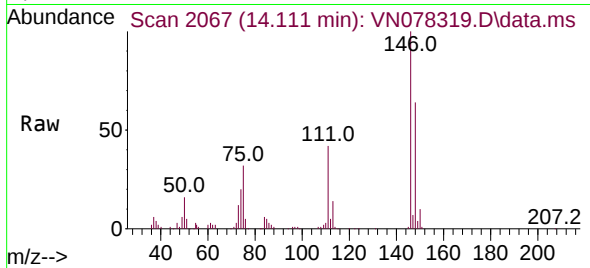
#91
1,2-Dichlorobenzene
Concen: 17.787 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01

Tgt Ion:146 Resp: 136992
Ion Ratio Lower Upper
146 100
111 42.3 22.0 66.0
148 64.2 31.8 95.3

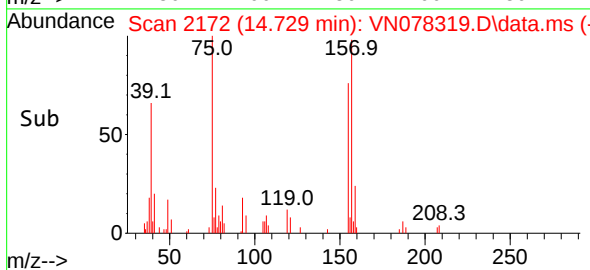
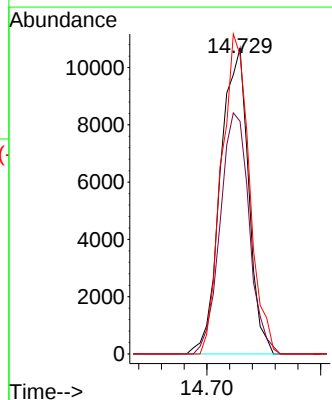
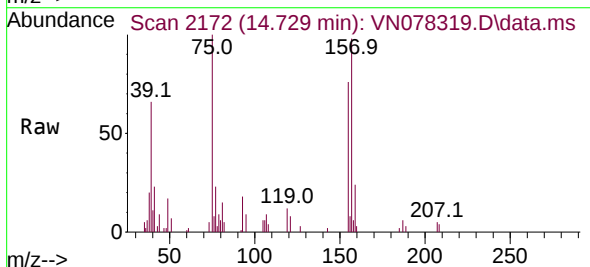
Manual Integrations
APPROVED

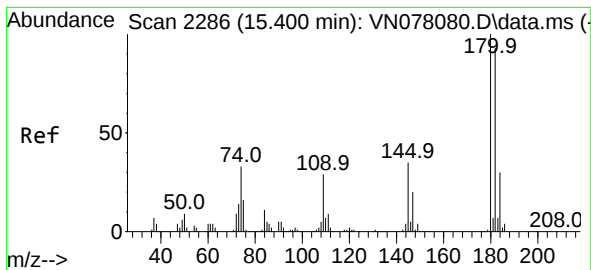
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.352 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

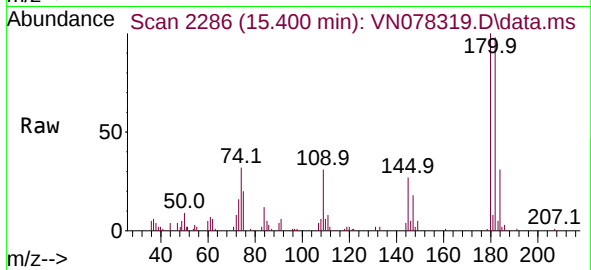
Tgt Ion: 75 Resp: 18243
Ion Ratio Lower Upper
75 100
155 81.5 39.1 117.2
157 104.3 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 12.626 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58

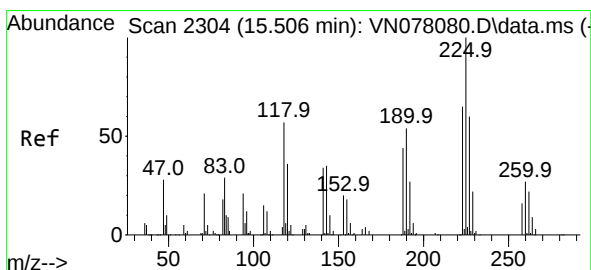
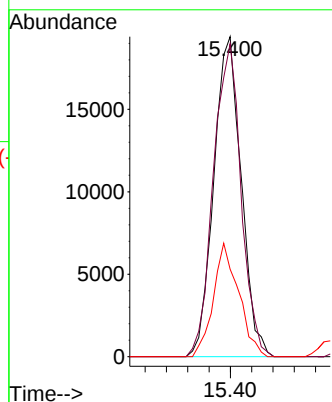
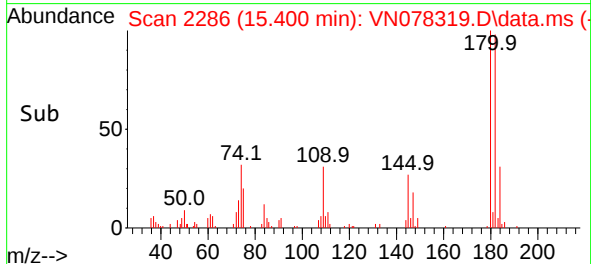
Instrument :
MSVOA_N
ClientSampleId :
VN0621WBSD01



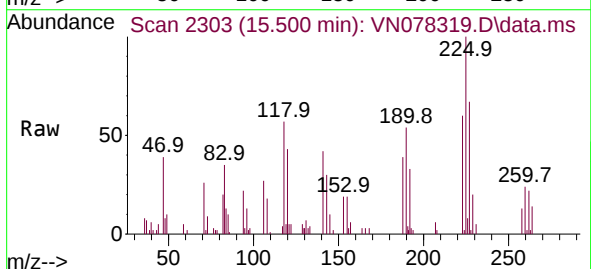
Tgt Ion:180 Resp: 3464
Ion Ratio Lower Upper
180 100
182 98.6 46.1 138.2
145 32.7 16.6 49.8

Manual Integrations
APPROVED

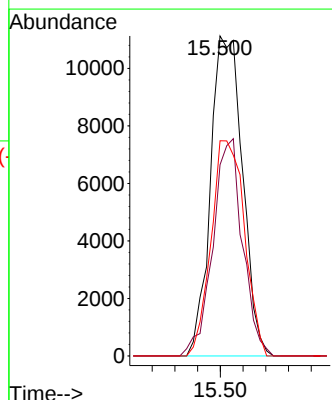
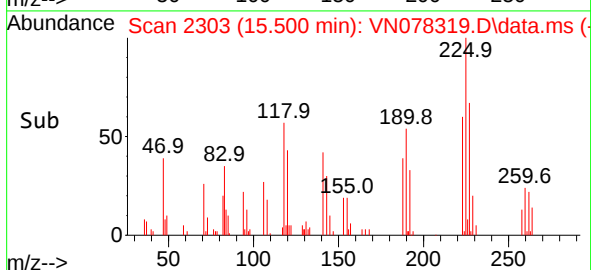
Reviewed By :John Carlone 06/22/2023
Supervised By :Mahesh Dadoda 06/22/2023

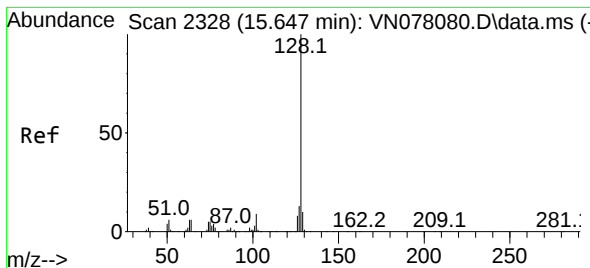


#94
Hexachlorobutadiene
Concen: 14.252 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN078319.D
Acq: 21 Jun 2023 13:58



Tgt Ion:225 Resp: 21746
Ion Ratio Lower Upper
225 100
223 63.0 31.3 93.8
227 70.1 31.9 95.9





#95

Naphthalene

Concen: 12.059 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078319.D

Acq: 21 Jun 2023 13:58

Instrument :

MSVOA_N

ClientSampleId :

VN0621WBSD01

Tgt Ion:128 Resp: 111310

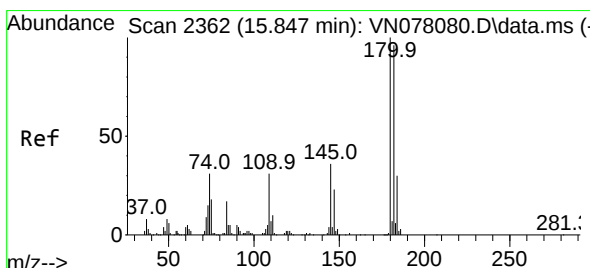
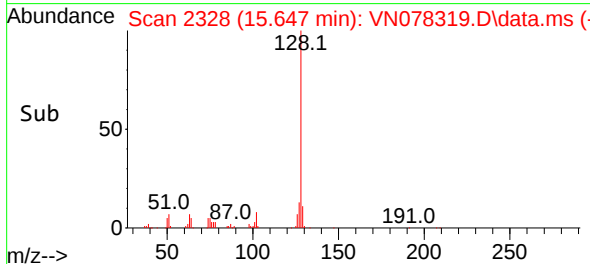
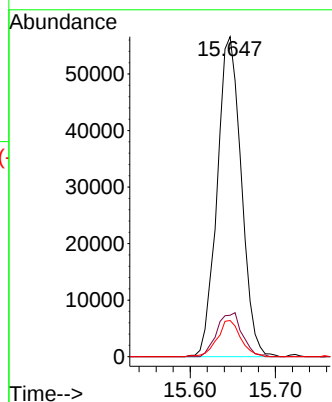
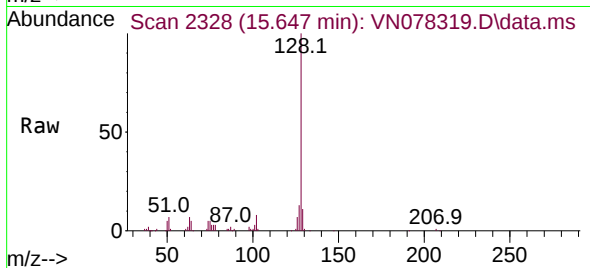
Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.0	15.0
129	11.0	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/22/2023

Supervised By :Mahesh Dadoda 06/22/2023



#96

1,2,3-Trichlorobenzene

Concen: 13.983 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078319.D

Acq: 21 Jun 2023 13:58

Tgt Ion:180 Resp: 42916

Ion	Ratio	Lower	Upper
180	100		
182	93.2	46.2	138.6
145	32.8	17.5	52.6

