

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092023\
 Data File : VN079309.D
 Acq On : 20 Sep 2023 14:04
 Operator : JC\MD
 Sample : VN0920WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBS01

Quant Time: Sep 21 01:55:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/21/2023
 Supervised By : Mahesh Dadoda 09/21/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	189223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	322692	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	293046	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	135838	53.180	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.360%			
35) Dibromofluoromethane	8.171	113	107576	50.117	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.240%			
50) Toluene-d8	10.571	98	400939	50.870	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.740%			
62) 4-Bromofluorobenzene	12.853	95	124433	49.495	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	35982	19.218	ug/l	95
3) Chloromethane	2.365	50	46777	19.032	ug/l	98
4) Vinyl Chloride	2.518	62	53440	19.955	ug/l	99
5) Bromomethane	2.954	94	29980	19.476	ug/l	91
6) Chloroethane	3.118	64	36054	20.473	ug/l	100
7) Trichlorofluoromethane	3.501	101	76182	19.427	ug/l	98
8) Diethyl Ether	3.959	74	25702	18.883	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.371	101	42926	20.583	ug/l	99
10) Methyl Iodide	4.595	142	41059	24.068	ug/l	100
11) Tert butyl alcohol	5.524	59	33520	71.080	ug/l #	90
12) 1,1-Dichloroethene	4.348	96	36728	18.199	ug/l	85
13) Acrolein	4.183	56	43844	97.466	ug/l	97
14) Allyl chloride	5.030	41	60273	18.722	ug/l #	91
15) Acrylonitrile	5.724	53	116916	95.613	ug/l	98
16) Acetone	4.430	43	119351	110.017	ug/l	95
17) Carbon Disulfide	4.712	76	97532	15.463	ug/l	98
18) Methyl Acetate	5.030	43	89188	20.004	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	137212	19.824	ug/l	100
20) Methylene Chloride	5.277	84	50412	19.096	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	42765	18.267	ug/l #	77
22) Diisopropyl ether	6.677	45	150827	21.352	ug/l #	90
23) Vinyl Acetate	6.612	43	438809	100.996	ug/l #	88
24) 1,1-Dichloroethane	6.571	63	90559	20.797	ug/l	96
25) 2-Butanone	7.489	43	159111	101.086	ug/l #	79
26) 2,2-Dichloropropane	7.494	77	72451	20.275	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	51398	19.200	ug/l	85
28) Bromochloromethane	7.818	49	41483	21.070	ug/l #	73
29) Tetrahydrofuran	7.841	42	92460	92.306	ug/l #	74
30) Chloroform	7.971	83	88755	19.577	ug/l	90
31) Cyclohexane	8.259	56	66356	17.791	ug/l #	81
32) 1,1,1-Trichloroethane	8.171	97	72323	18.714	ug/l	95
36) 1,1-Dichloropropene	8.377	75	60489	18.283	ug/l	94
37) Ethyl Acetate	7.565	43	59560	18.048	ug/l #	91
38) Carbon Tetrachloride	8.365	117	59150	17.276	ug/l	98
39) Methylcyclohexane	9.606	83	57966	17.762	ug/l	90
40) Benzene	8.612	78	183662	18.134	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	30672	18.434	ug/l #	86
42) 1,2-Dichloroethane	8.677	62	65519	18.791	ug/l	98
43) Isopropyl Acetate	8.694	43	94131	17.482	ug/l #	90
44) Trichloroethene	9.359	130	43848	17.574	ug/l	96
45) 1,2-Dichloropropane	9.624	63	48988	19.489	ug/l	96
46) Dibromomethane	9.712	93	32880	19.269	ug/l	96
47) Bromodichloromethane	9.894	83	67922	19.434	ug/l	99
48) Methyl methacrylate	9.683	41	43723	18.128	ug/l #	81
49) 1,4-Dioxane	9.700	88	15516	312.774	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	297678	95.235	ug/l	89
52) Toluene	10.635	92	112519	18.077	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	64480	17.497	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	72223	18.323	ug/l #	92
55) 1,1,2-Trichloroethane	11.024	97	46303	18.958	ug/l	96
56) Ethyl methacrylate	10.877	69	61029	17.702	ug/l #	80
57) 1,3-Dichloropropane	11.165	76	78104	18.499	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	110665	82.385	ug/l	89
59) 2-Hexanone	11.200	43	212037	93.659	ug/l	86
60) Dibromochloromethane	11.365	129	46241	17.790	ug/l	99
61) 1,2-Dibromoethane	11.477	107	42794	17.558	ug/l	98
64) Tetrachloroethene	11.106	164	37715	17.650	ug/l	95
65) Chlorobenzene	11.894	112	114234	17.207	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	43910	17.639	ug/l	98
67) Ethyl Benzene	11.971	91	206303	18.168	ug/l	95
68) m/p-Xylenes	12.077	106	153807	36.340	ug/l	97
69) o-Xylene	12.400	106	72499	17.860	ug/l	93
70) Styrene	12.418	104	118737	18.187	ug/l	97
71) Bromoform	12.582	173	29294	15.940	ug/l #	99
73) Isopropylbenzene	12.700	105	189516	17.488	ug/l	98
74) N-amyl acetate	12.500	43	70219	17.079	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	65696	16.280	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	51085m	15.913	ug/l	
77) Bromobenzene	12.988	156	42938	15.648	ug/l	90
78) n-propylbenzene	13.041	91	222581	18.284	ug/l	97
79) 2-Chlorotoluene	13.129	91	136516	17.146	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	157997	17.497	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	20025	17.150	ug/l	87
82) 4-Chlorotoluene	13.224	91	128791	17.214	ug/l	100
83) tert-Butylbenzene	13.441	119	125824	16.844	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	156777	18.231	ug/l	100
85) sec-Butylbenzene	13.618	105	183067	17.801	ug/l	99
86) p-Isopropyltoluene	13.735	119	146195	17.794	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	74144	16.474	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	73044	16.061	ug/l	98
89) n-Butylbenzene	14.059	91	115441	17.868	ug/l	97
90) Hexachloroethane	14.341	117	28831	17.280	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	73514	16.546	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9863	16.078	ug/l	96
93) 1,2,4-Trichlorobenzene	15.400	180	21065	13.193	ug/l	95
94) Hexachlorobutadiene	15.506	225	18156	14.455	ug/l	96
95) Naphthalene	15.647	128	51373	10.833	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	24328	12.917	ug/l	96

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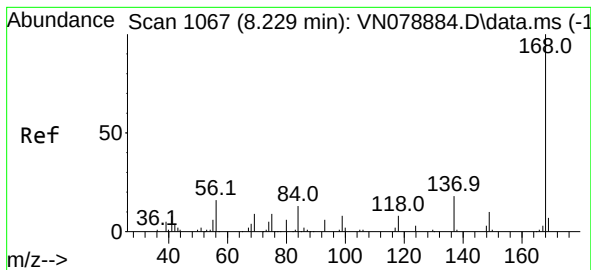
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 09/21/2023

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Response via : Initial Calibration

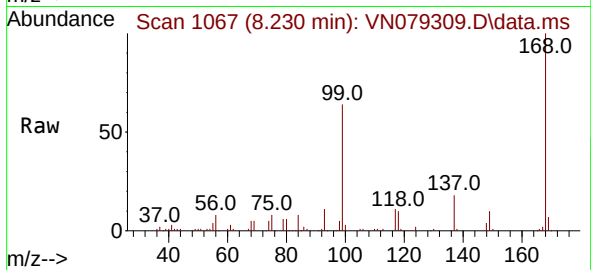
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
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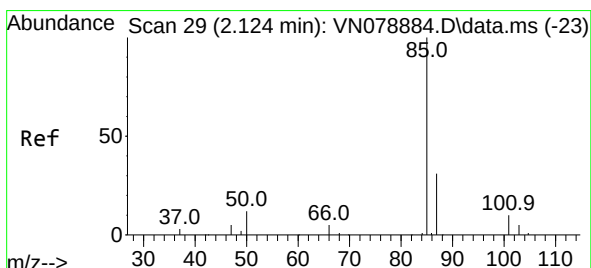
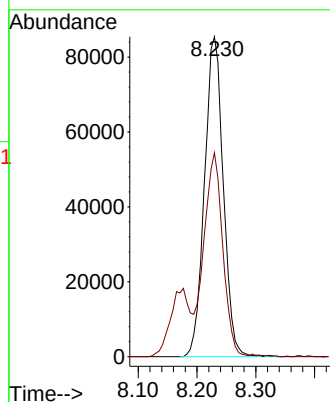
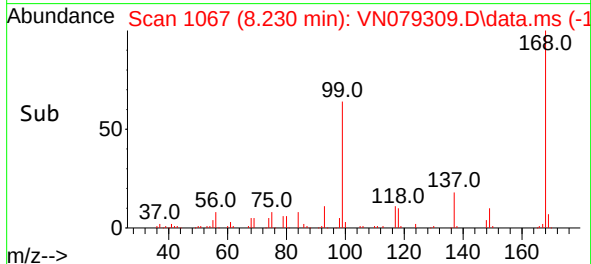
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01



Tgt Ion:168 Resp: 18922
Ion Ratio Lower Upper
168 100
99 63.8 53.0 79.6

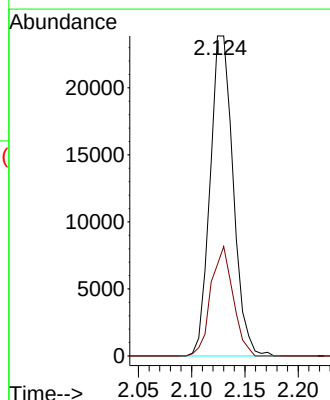
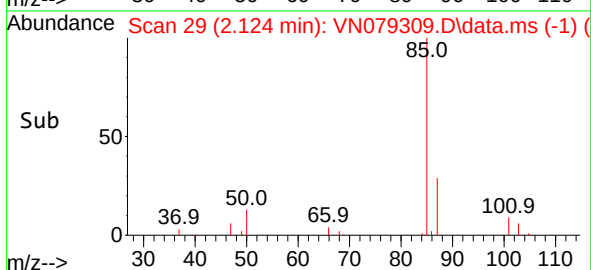
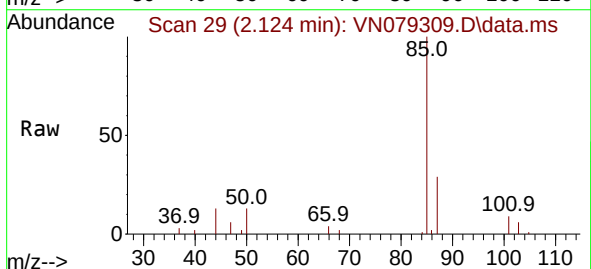
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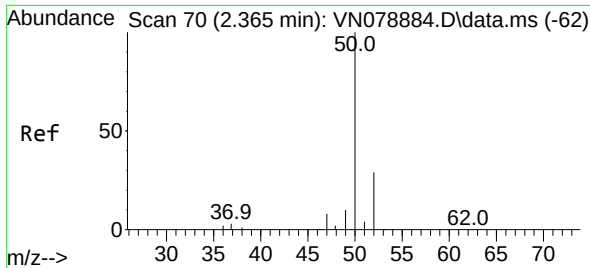
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#2
Dichlorodifluoromethane
Concen: 19.218 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.012 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

Tgt Ion: 85 Resp: 35982
Ion Ratio Lower Upper
85 100
87 28.6 15.8 47.4





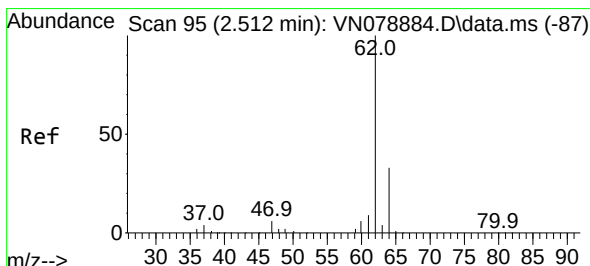
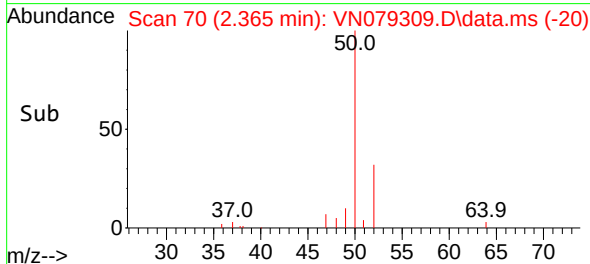
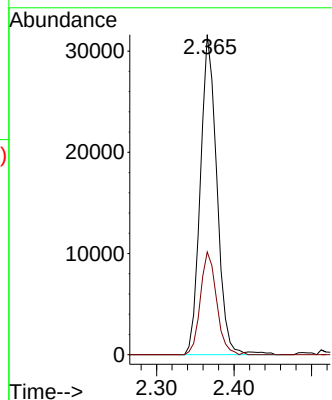
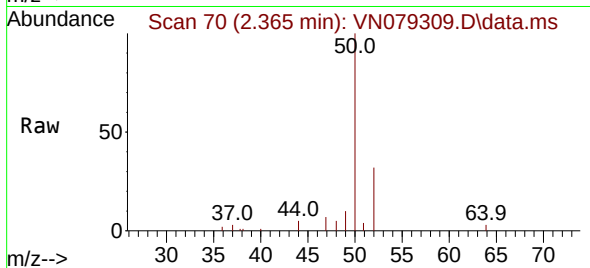
#3
Chloromethane
Concen: 19.032 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

Instrument :
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Tgt Ion: 50 Resp: 4677
Ion Ratio Lower Upper
50 100
52 32.1 26.5 39.7

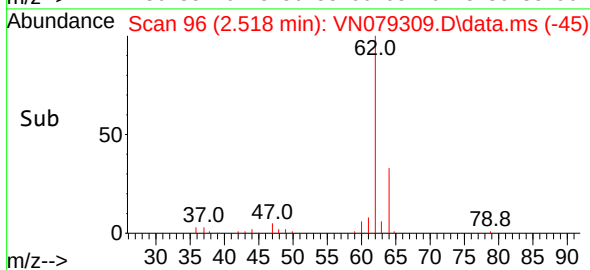
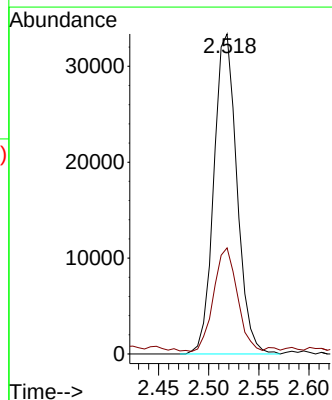
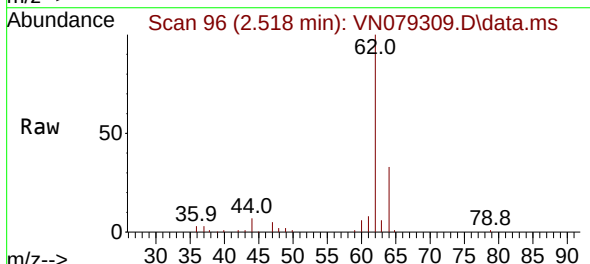
Manual Integrations
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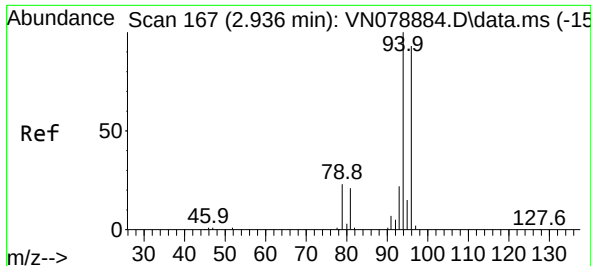
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#4
Vinyl Chloride
Concen: 19.955 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

Tgt Ion: 62 Resp: 53440
Ion Ratio Lower Upper
62 100
64 32.2 26.2 39.2





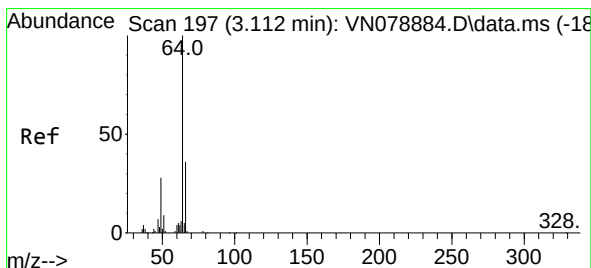
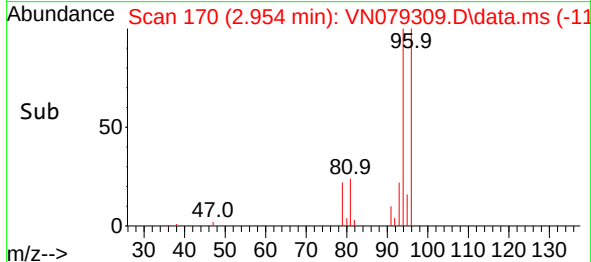
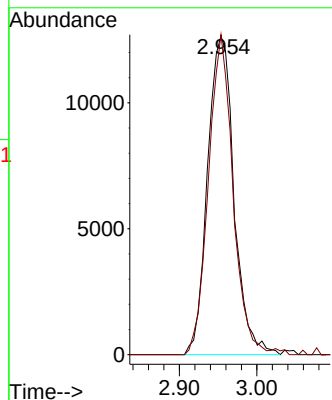
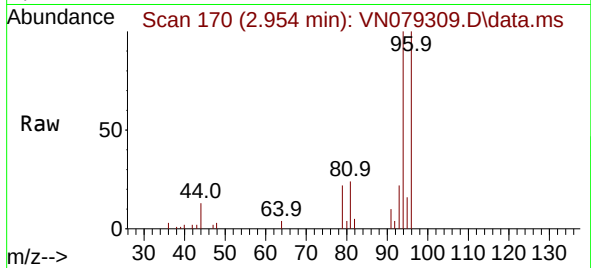
#5
Bromomethane
Concen: 19.476 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

Instrument :
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Tgt Ion: 94 Resp: 29980
Ion Ratio Lower Upper
94 100
96 100.4 73.1 109.7

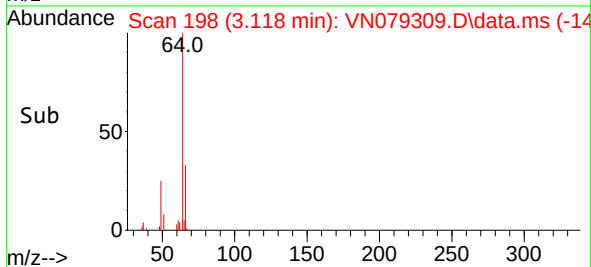
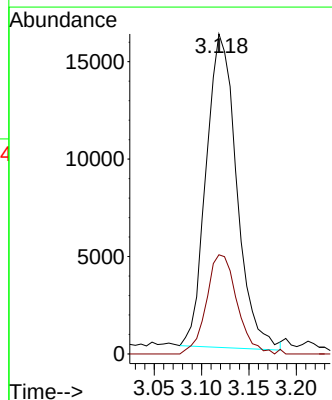
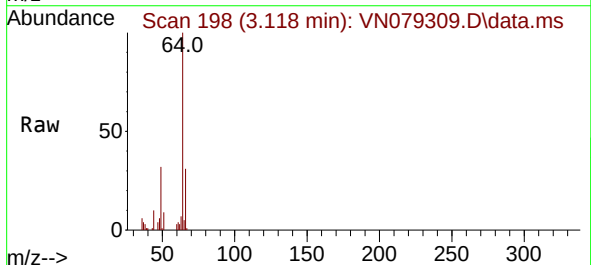
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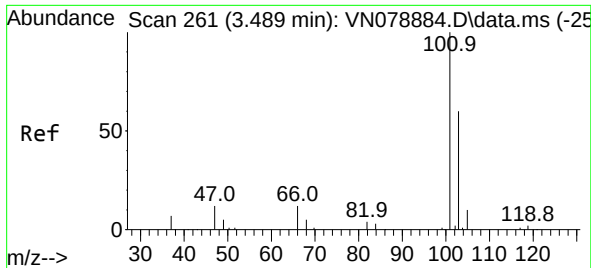
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#6
Chloroethane
Concen: 20.473 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079309.D
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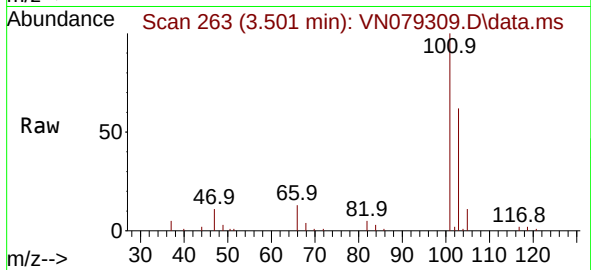
Tgt Ion: 64 Resp: 36054
Ion Ratio Lower Upper
64 100
66 31.8 25.4 38.2





#7
Trichlorofluoromethane
Concen: 19.427 ug/l
RT: 3.501 min Scan# 263
Delta R.T. -0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

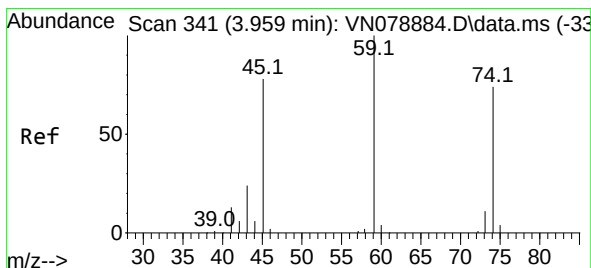
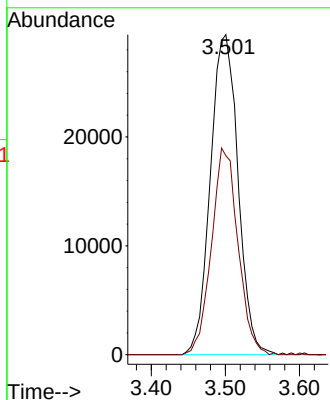
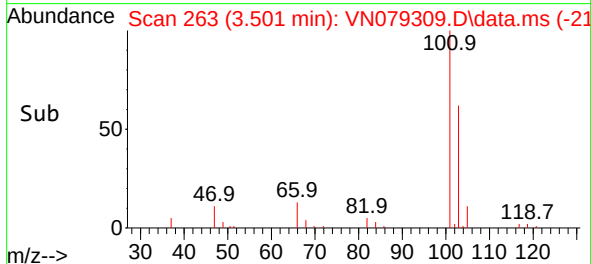
Instrument :
MSVOA_N
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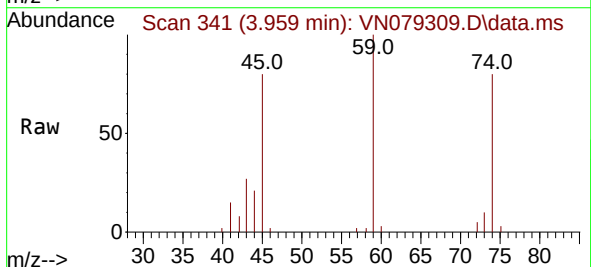
Tgt Ion:101 Resp: 7618
Ion Ratio Lower Upper
101 100
103 62.2 50.7 76.1

Manual Integrations
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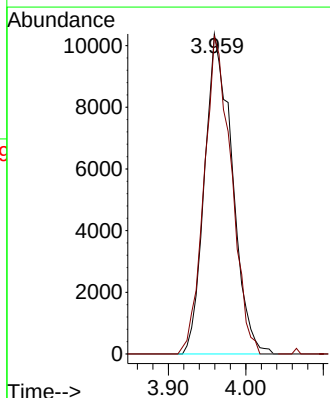
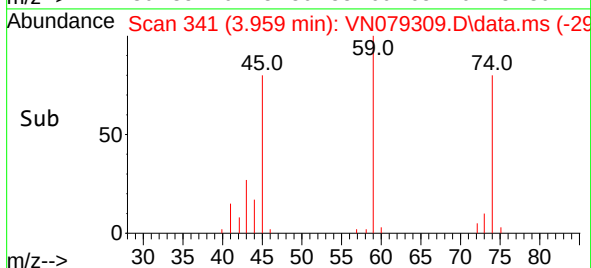
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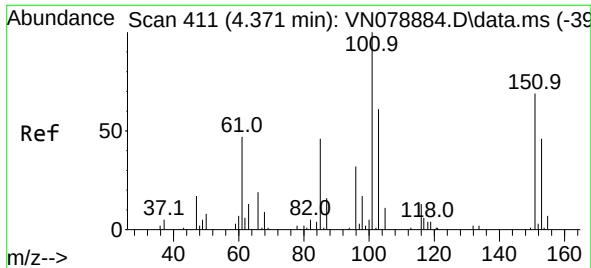


#8
Diethyl Ether
Concen: 18.883 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.012 min
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Tgt Ion: 74 Resp: 25702
Ion Ratio Lower Upper
74 100
45 97.8 34.4 103.3





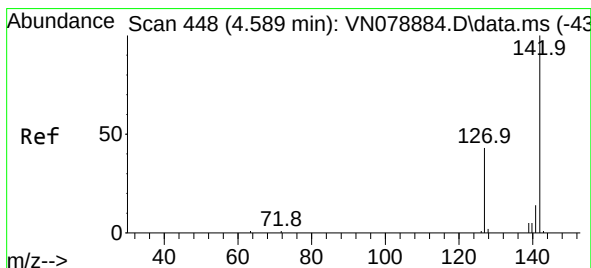
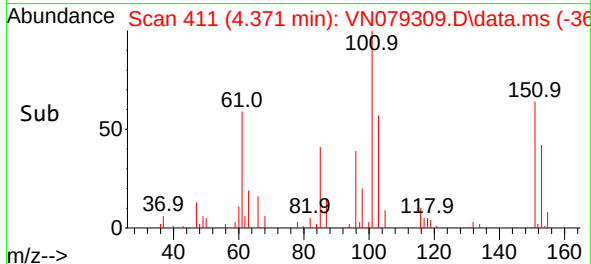
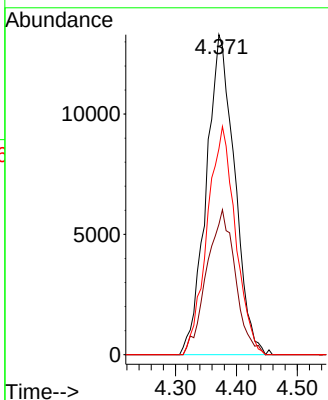
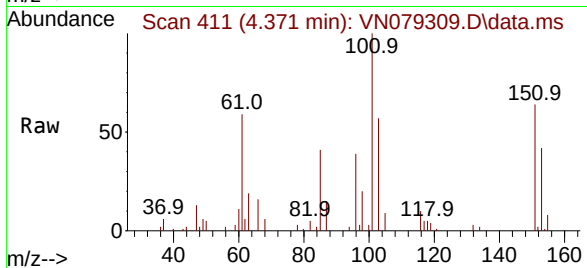
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.583 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

Tgt Ion:101 Resp: 42920
Ion Ratio Lower Upper
101 100
85 45.9 36.6 55.0
151 71.4 57.6 86.4

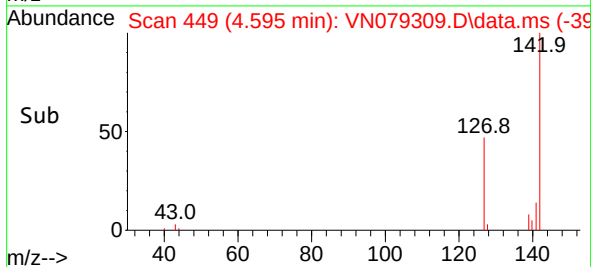
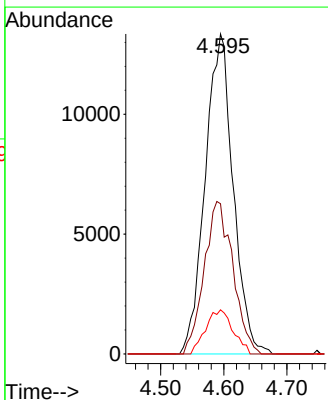
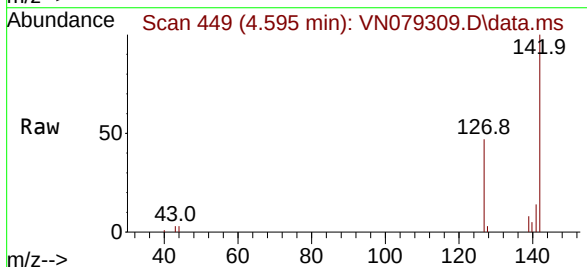
Manual Integrations
APPROVED

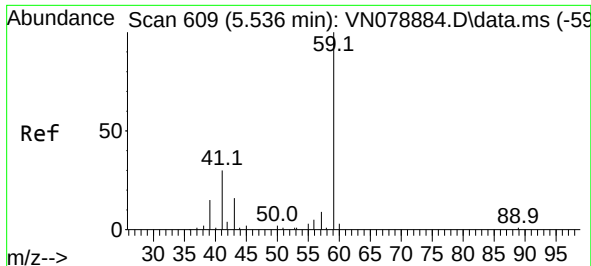
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#10
Methyl Iodide
Concen: 24.068 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

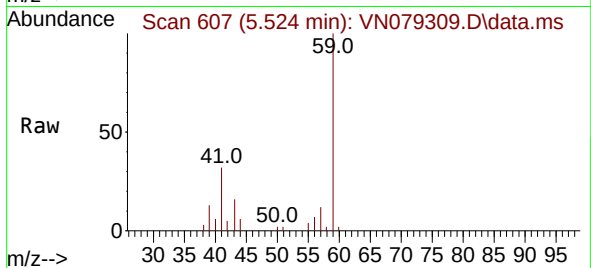
Tgt Ion:142 Resp: 41059
Ion Ratio Lower Upper
142 100
127 46.9 37.6 56.4
141 13.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 71.080 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

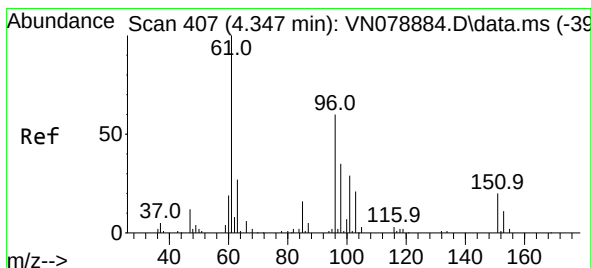
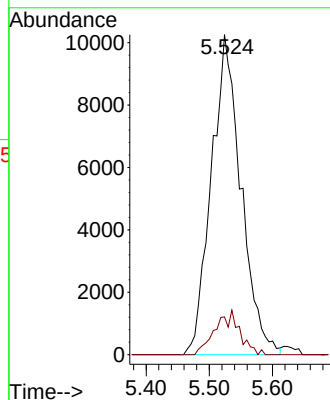
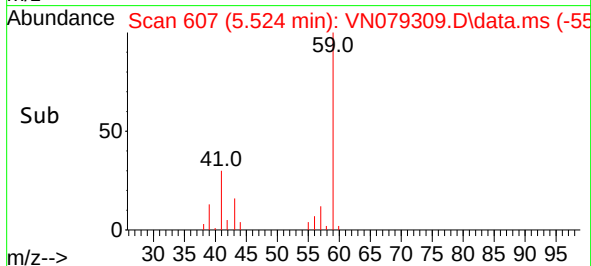
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01



Tgt Ion: 59 Resp: 33520
Ion Ratio Lower Upper
59 100
57 6.6 8.2 12.4

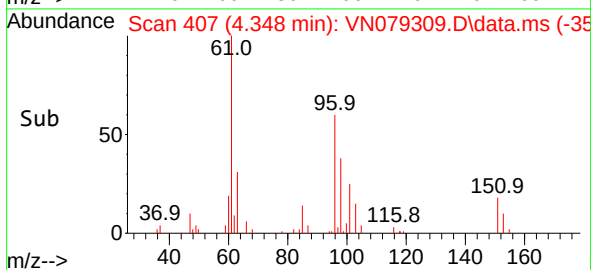
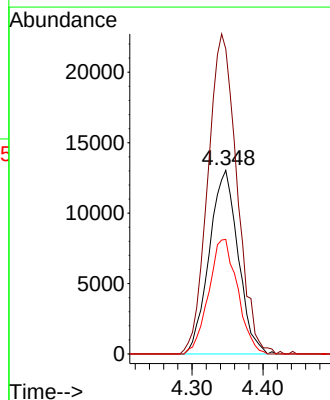
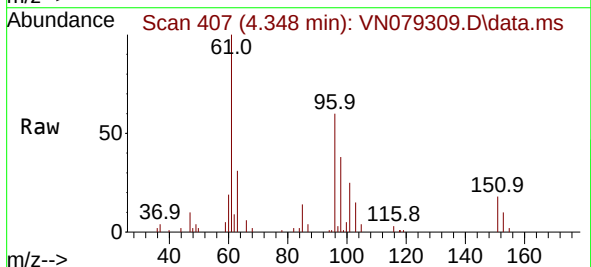
Manual Integrations
APPROVED

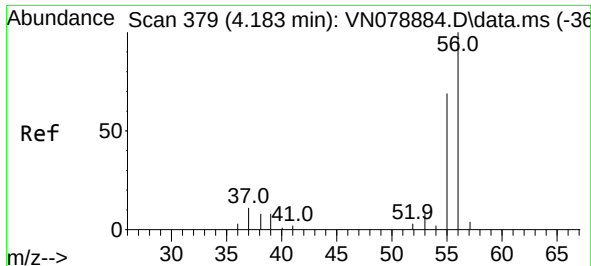
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#12
1,1-Dichloroethene
Concen: 18.199 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

Tgt Ion: 96 Resp: 36728
Ion Ratio Lower Upper
96 100
61 166.2 112.7 169.1
98 62.4 51.2 76.8





#13

Acrolein

Concen: 97.466 ug/l

RT: 4.183 min Scan# 31

Delta R.T. -0.012 min

Lab File: VN079309.D

Acq: 20 Sep 2023 14:04

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBS01

Tgt Ion: 56 Resp: 4384

Ion Ratio Lower Upper

56 100

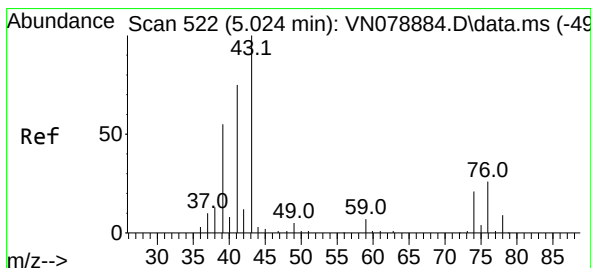
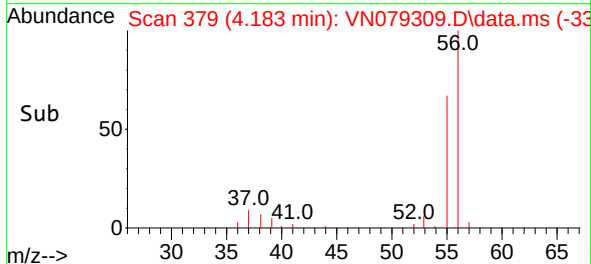
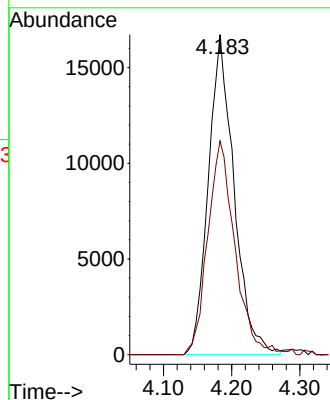
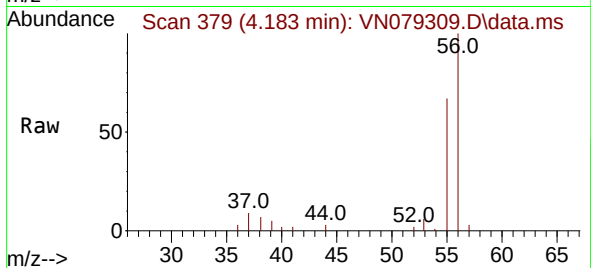
55 70.5 54.5 81.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#14

Allyl chloride

Concen: 18.722 ug/l

RT: 5.030 min Scan# 523

Delta R.T. -0.000 min

Lab File: VN079309.D

Acq: 20 Sep 2023 14:04

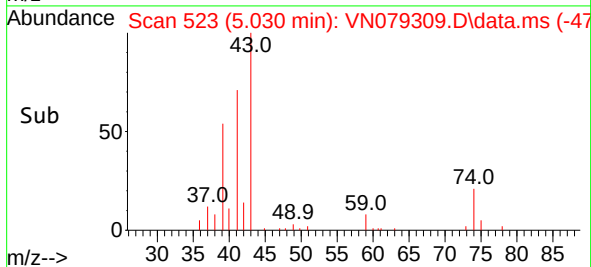
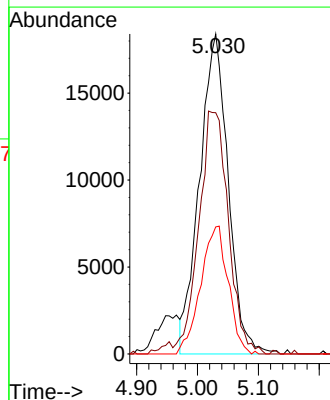
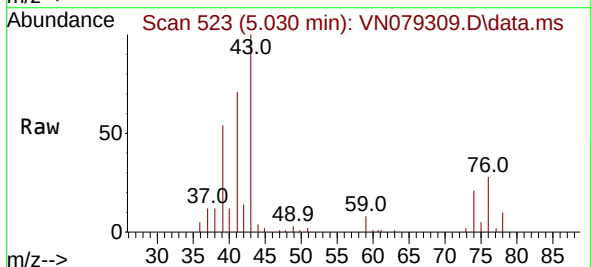
Tgt Ion: 41 Resp: 60273

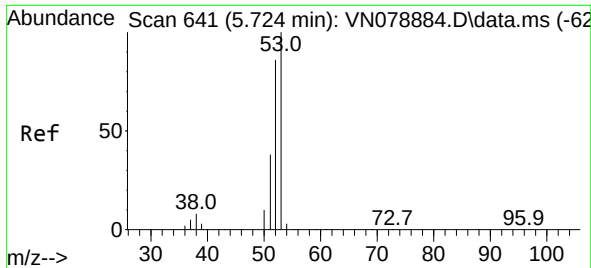
Ion Ratio Lower Upper

41 100

39 77.9 58.8 88.2

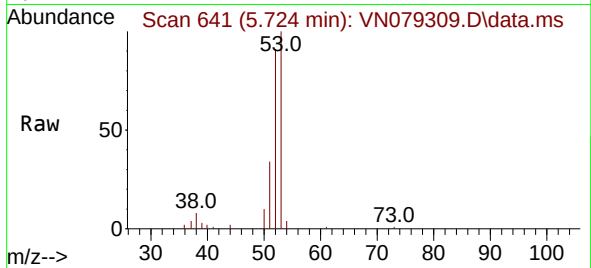
76 38.3 39.1 58.7#





#15
Acrylonitrile
Concen: 95.613 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

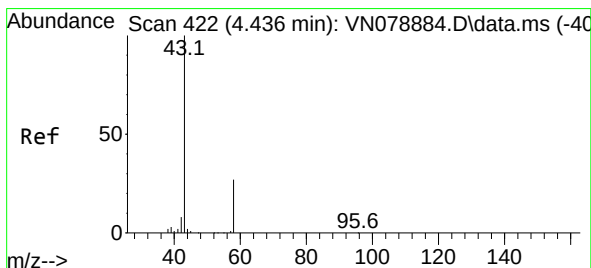
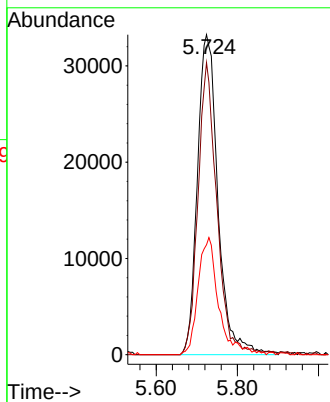
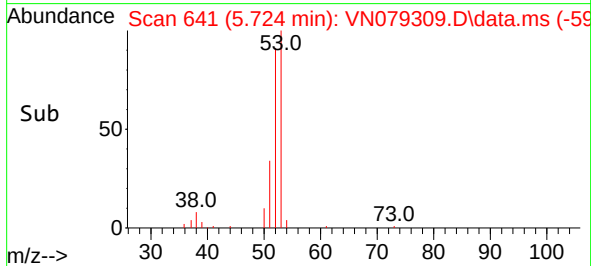
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01



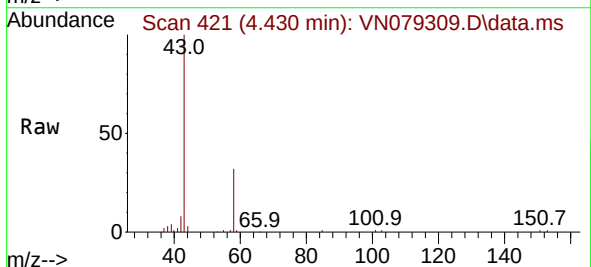
Tgt Ion: 53 Resp: 116910
Ion Ratio Lower Upper
53 100
52 83.6 65.3 97.9
51 36.5 28.9 43.3

Manual Integrations
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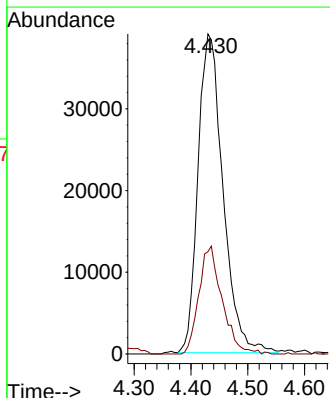
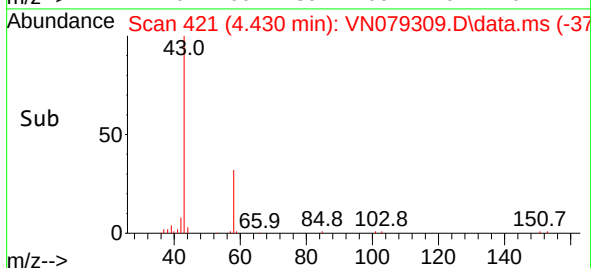
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

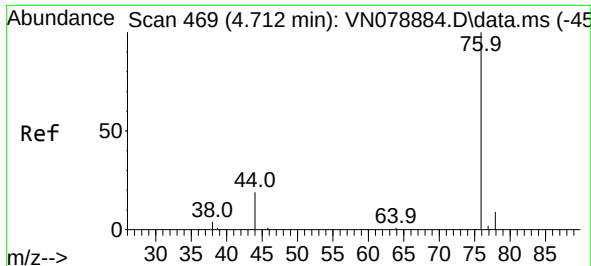


#16
Acetone
Concen: 110.017 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04



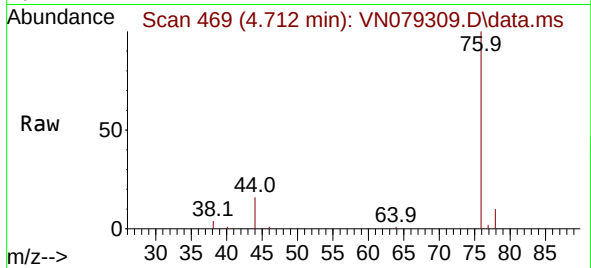
Tgt Ion: 43 Resp: 119351
Ion Ratio Lower Upper
43 100
58 32.1 28.0 42.0





#17
Carbon Disulfide
Concen: 15.463 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

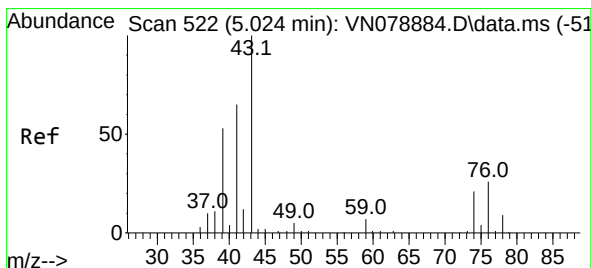
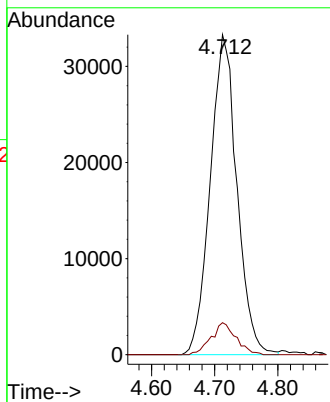
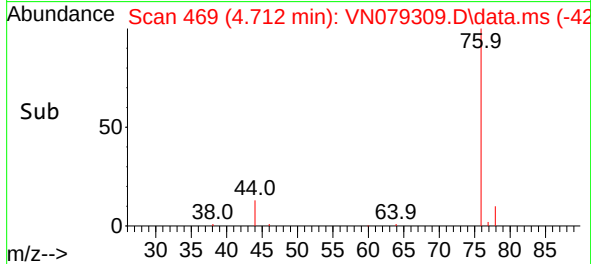
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01



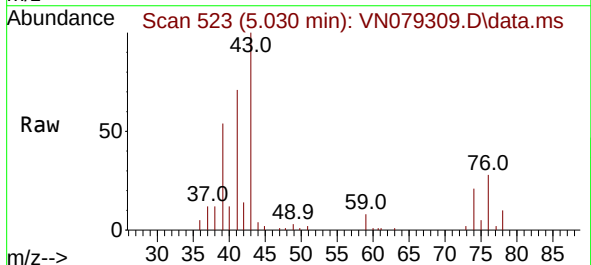
Tgt Ion: 76 Resp: 97532
Ion Ratio Lower Upper
76 100
78 10.0 7.4 11.0

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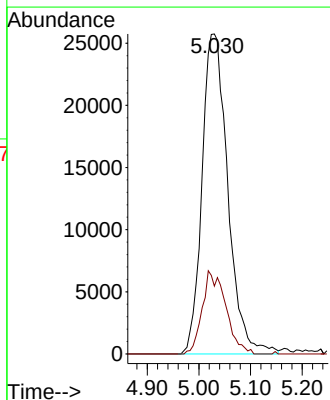
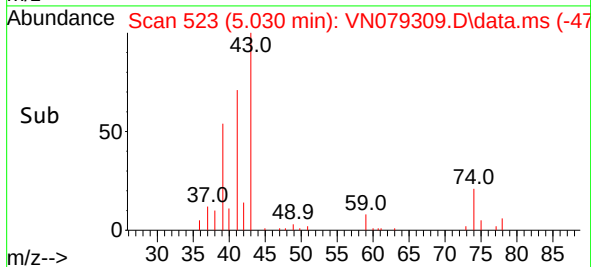
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

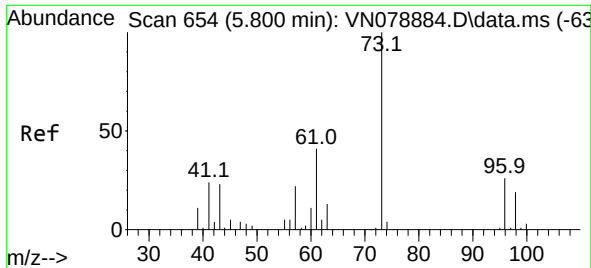


#18
Methyl Acetate
Concen: 20.004 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04



Tgt Ion: 43 Resp: 89188
Ion Ratio Lower Upper
43 100
74 23.7 26.2 39.4#





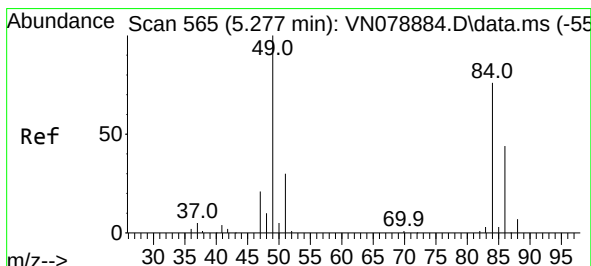
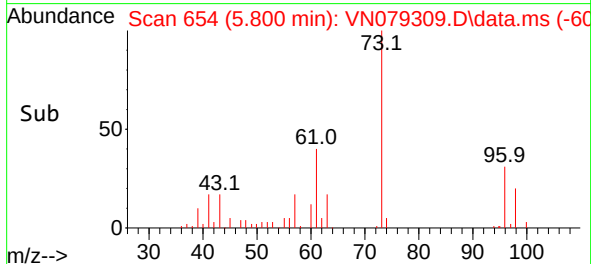
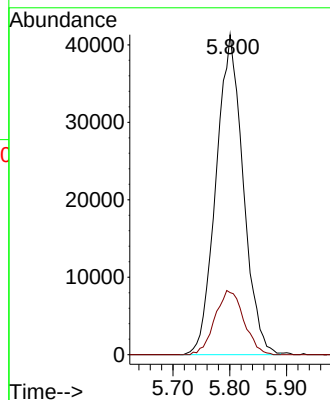
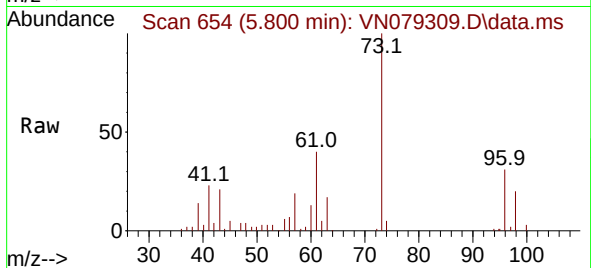
#19
Methyl tert-butyl Ether
Concen: 19.824 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

Tgt Ion: 73 Resp: 13721
Ion Ratio Lower Upper
73 100
57 19.4 15.6 23.4

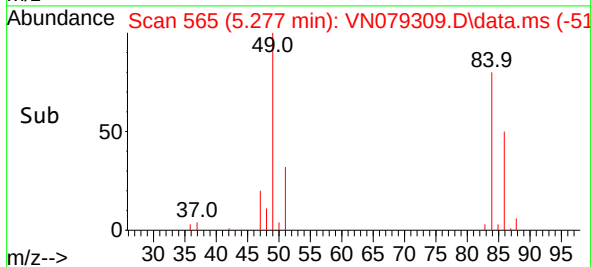
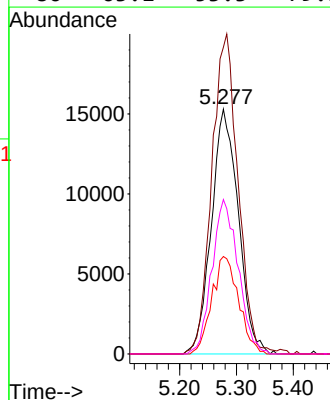
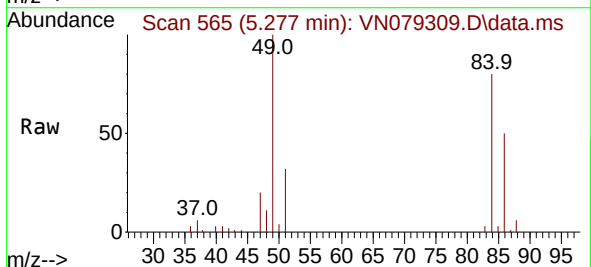
Manual Integrations
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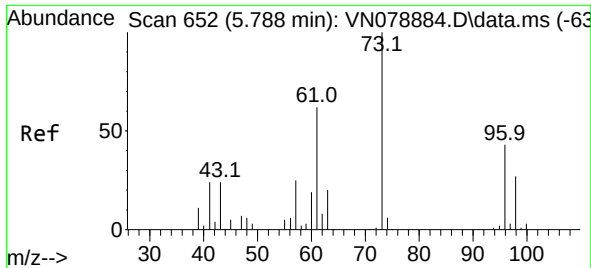
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#20
Methylene Chloride
Concen: 19.096 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

Tgt Ion: 84 Resp: 50412
Ion Ratio Lower Upper
84 100
49 125.3 79.7 119.5#
51 39.8 25.2 37.8#
86 63.1 53.3 79.9





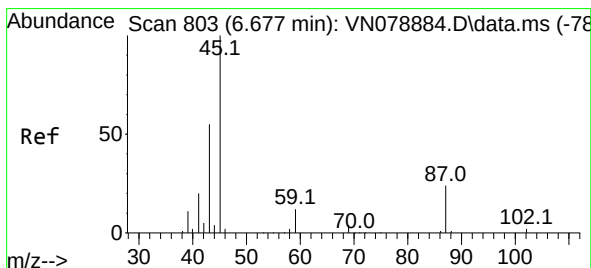
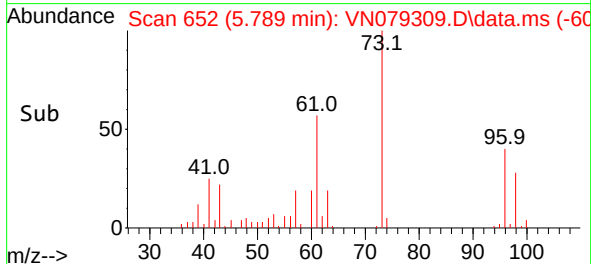
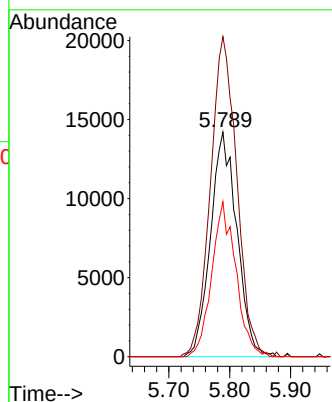
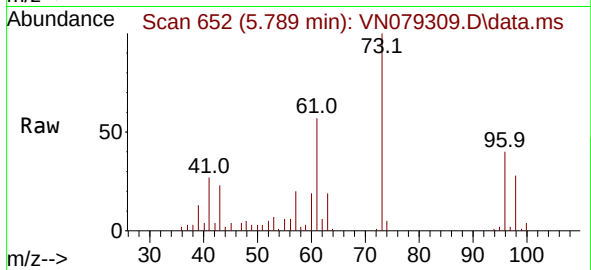
#21
trans-1,2-Dichloroethene
Concen: 18.267 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

Tgt Ion: 96 Resp: 4276
Ion Ratio Lower Upper
96 100
61 142.5 90.1 135.1
98 69.0 46.4 69.6

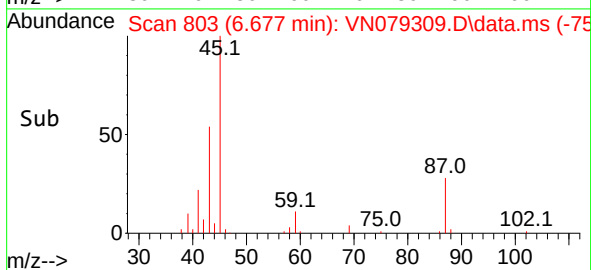
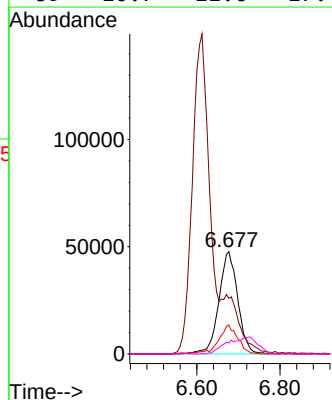
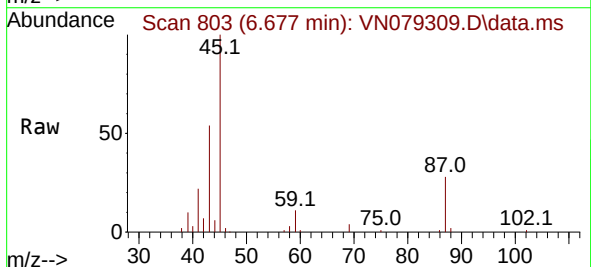
Manual Integrations
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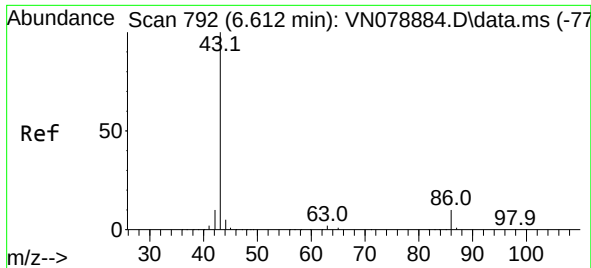
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#22
Diisopropyl ether
Concen: 21.352 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

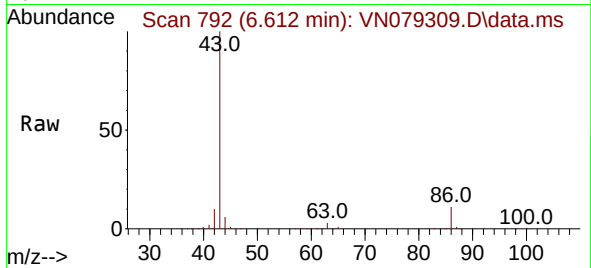
Tgt Ion: 45 Resp: 150827
Ion Ratio Lower Upper
45 100
43 53.5 45.5 68.3
87 28.4 31.8 47.8#
59 10.7 11.6 17.4#





#23
 Vinyl Acetate
 Concen: 100.996 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN079309.D
 Acq: 20 Sep 2023 14:04

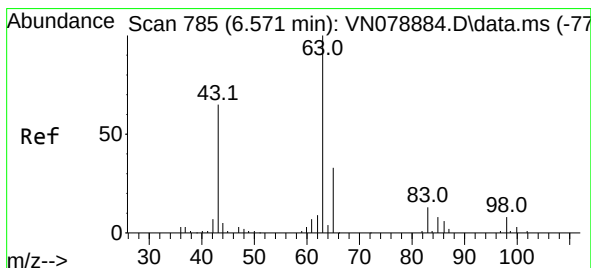
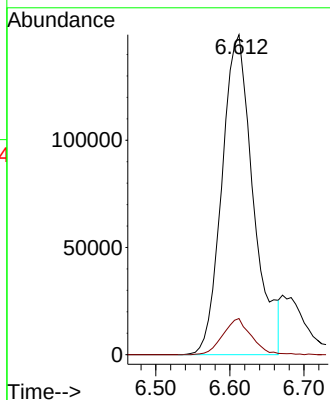
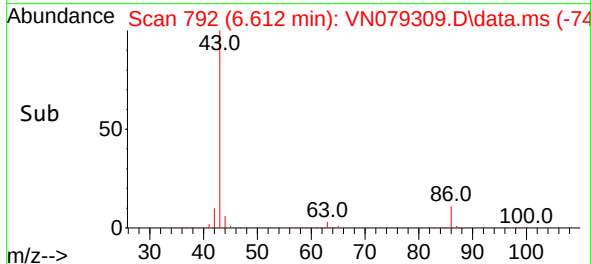
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBS01



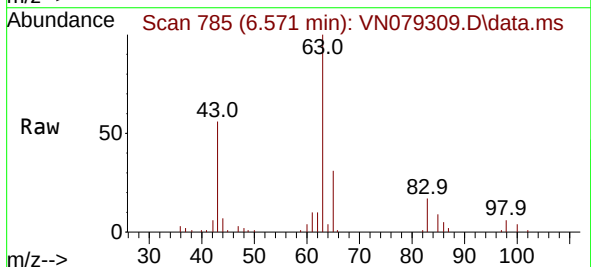
Tgt Ion: 43 Resp: 438809
 Ion Ratio Lower Upper
 43 100
 86 11.3 13.0 19.6

Manual Integrations
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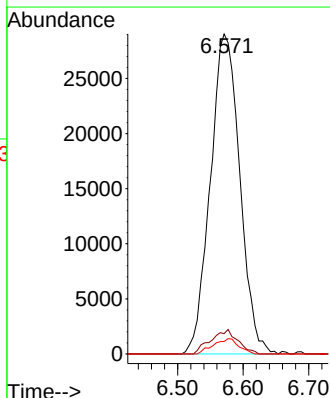
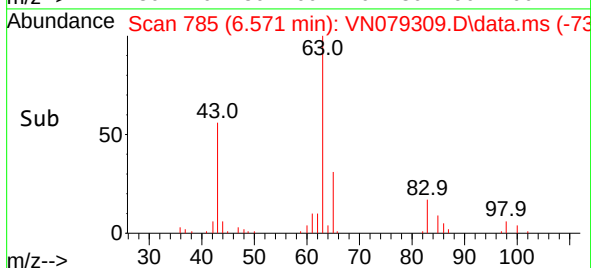
Reviewed By :John Carlone 09/21/2023
 Supervised By :Mahesh Dadoda 09/21/2023

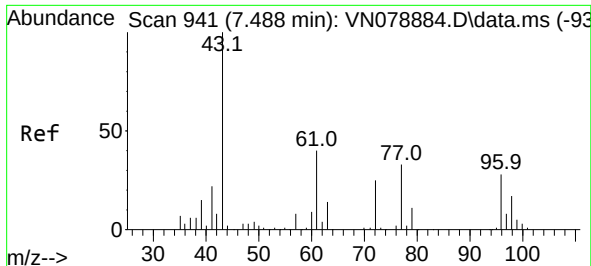


#24
 1,1-Dichloroethane
 Concen: 20.797 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079309.D
 Acq: 20 Sep 2023 14:04



Tgt Ion: 63 Resp: 90559
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.9 11.7
 100 3.9 2.5 7.4





#25

2-Butanone

Concen: 101.086 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.005 min

Lab File: VN079309.D

Acq: 20 Sep 2023 14:04

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBS01

Tgt Ion: 43 Resp: 15911

Ion Ratio Lower Upper

43 100

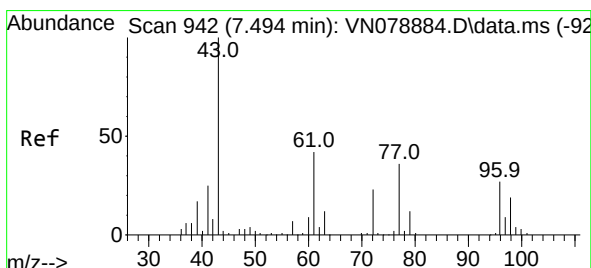
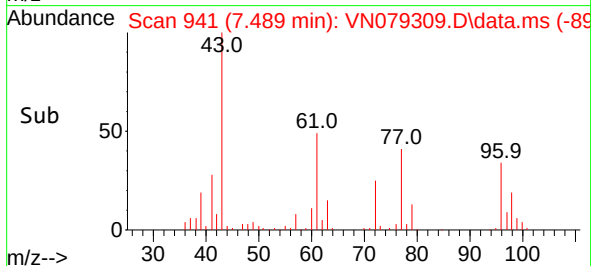
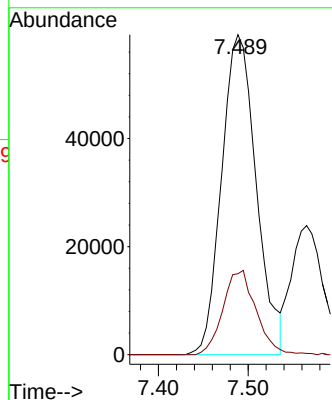
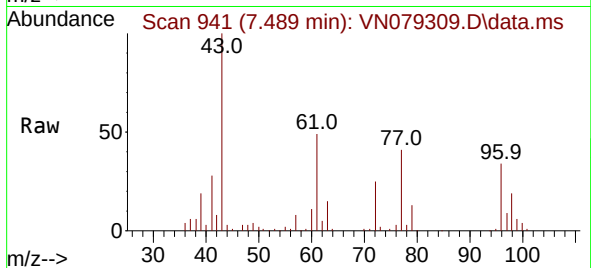
72 25.3 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#26

2,2-Dichloropropane

Concen: 20.275 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.006 min

Lab File: VN079309.D

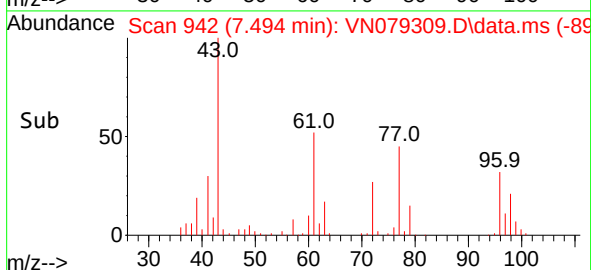
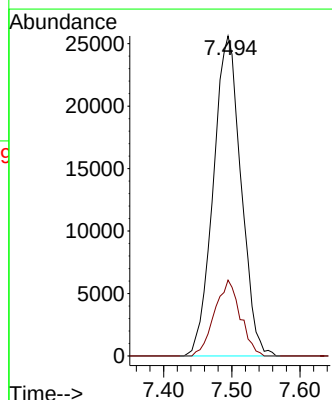
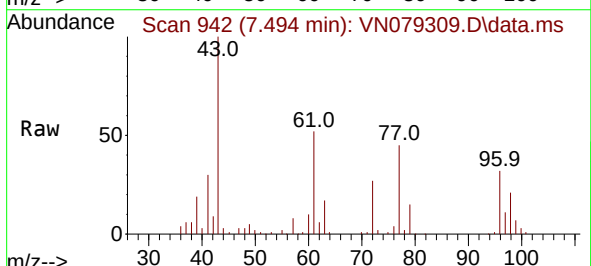
Acq: 20 Sep 2023 14:04

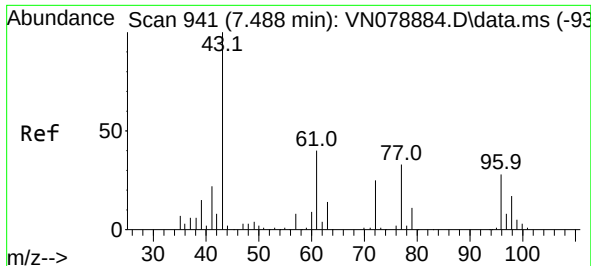
Tgt Ion: 77 Resp: 72451

Ion Ratio Lower Upper

77 100

97 22.0 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 19.200 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.011 min

Lab File: VN079309.D

Acq: 20 Sep 2023 14:04

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBS01

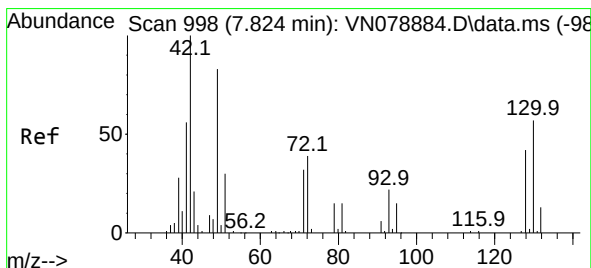
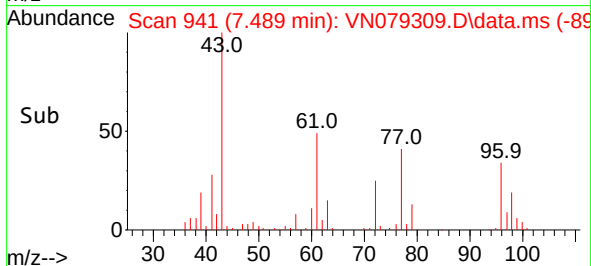
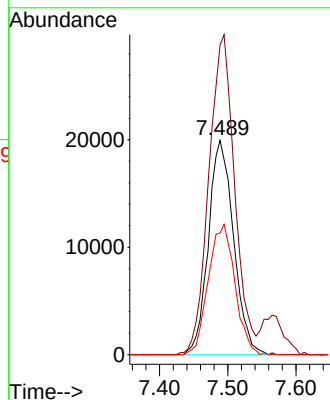
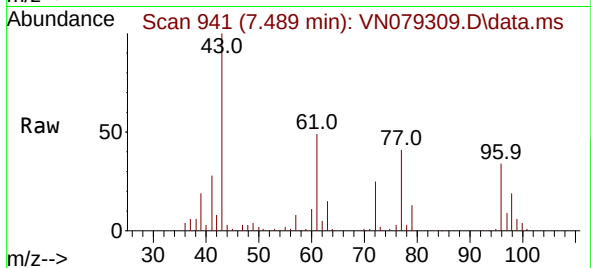
Tgt Ion: 96 Resp: 51398
 Ion Ratio Lower Upper
 96 100
 61 152.6 0.0 255.2
 98 63.9 0.0 128.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#28

Bromochloromethane

Concen: 21.070 ug/l

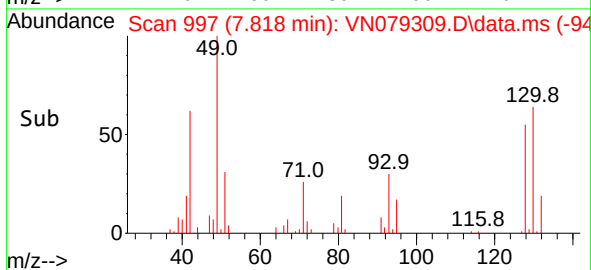
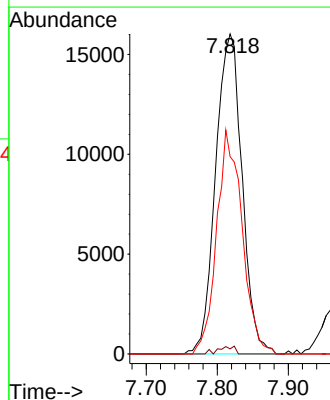
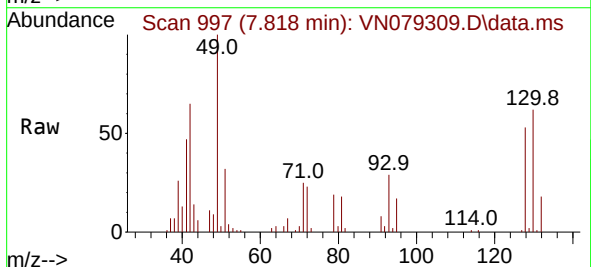
RT: 7.818 min Scan# 997

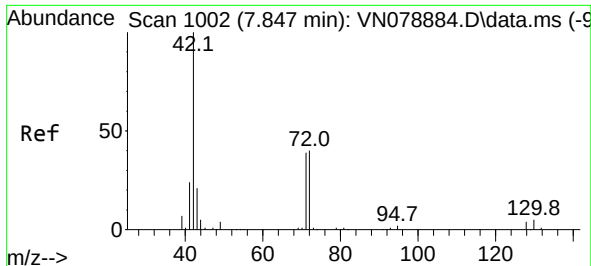
Delta R.T. -0.006 min

Lab File: VN079309.D

Acq: 20 Sep 2023 14:04

Tgt Ion: 49 Resp: 41483
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.8
 130 67.1 75.3 112.9#





#29

Tetrahydrofuran

Concen: 92.306 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN079309.D

Acq: 20 Sep 2023 14:04

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBS01

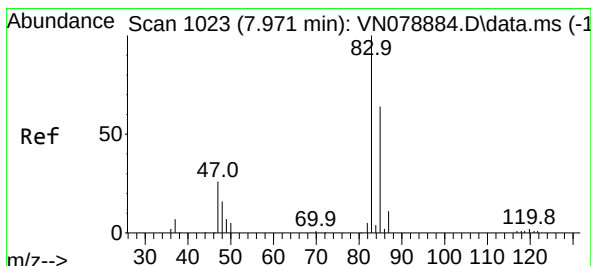
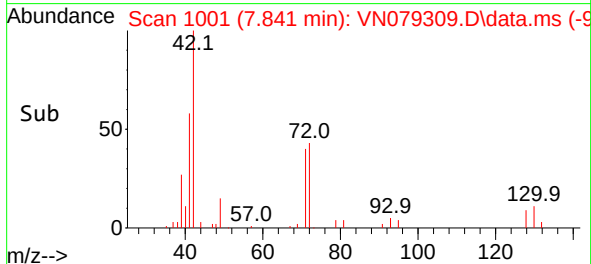
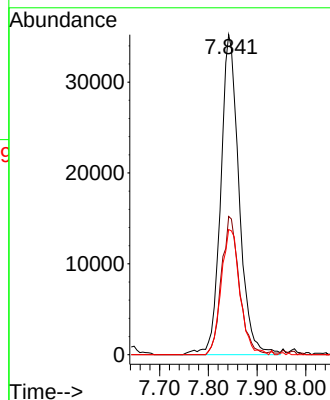
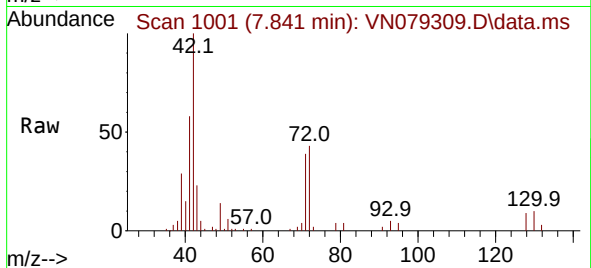
Tgt Ion: 42 Resp: 92460
 Ion Ratio Lower Upper
 42 100
 72 41.8 49.8 74.6
 71 39.8 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#30

Chloroform

Concen: 19.577 ug/l

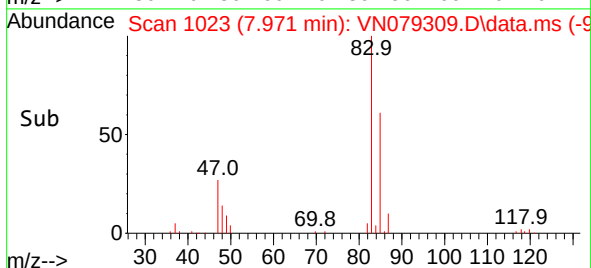
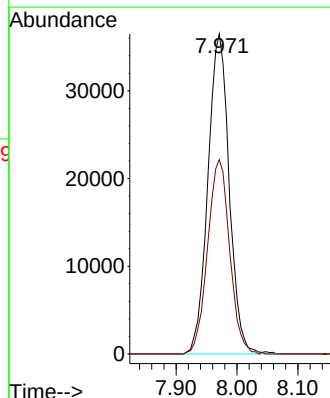
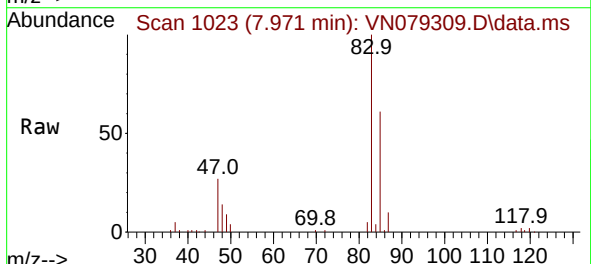
RT: 7.971 min Scan# 1023

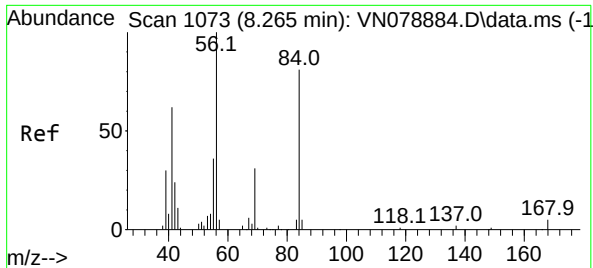
Delta R.T. -0.006 min

Lab File: VN079309.D

Acq: 20 Sep 2023 14:04

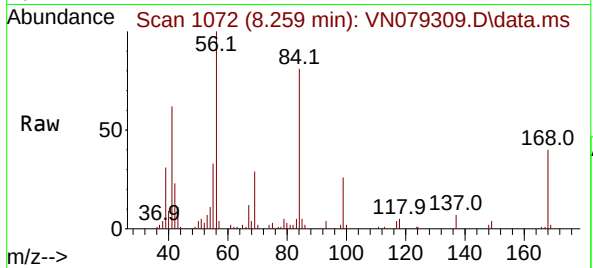
Tgt Ion: 83 Resp: 88755
 Ion Ratio Lower Upper
 83 100
 85 60.7 55.4 83.0





#31
Cyclohexane
Concen: 17.791 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

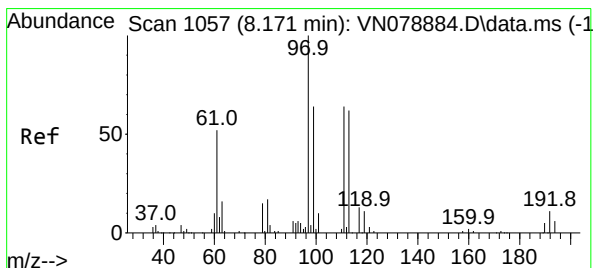
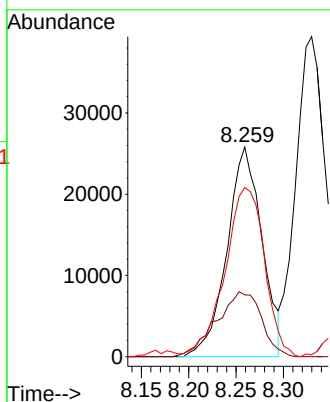
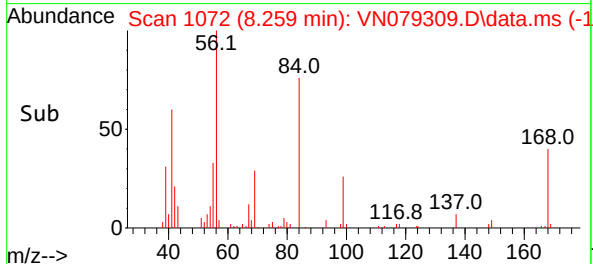
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01



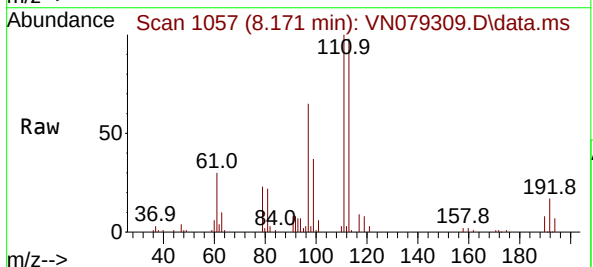
Tgt Ion: 56 Resp: 66350
Ion Ratio Lower Upper
56 100
69 28.8 26.8 40.2
84 79.4 81.8 122.6

Manual Integrations
APPROVED

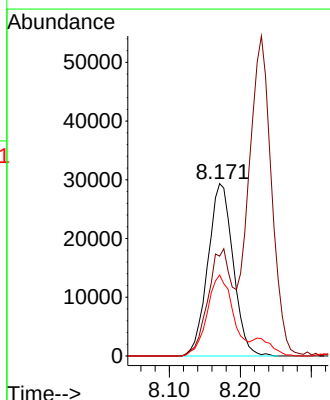
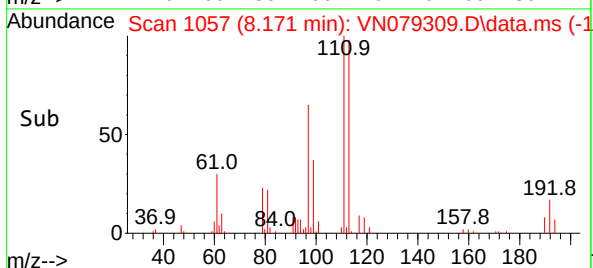
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

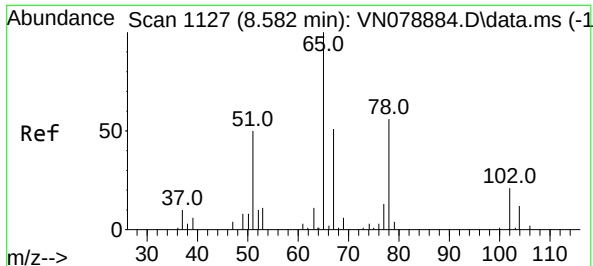


#32
1,1,1-Trichloroethane
Concen: 18.714 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04



Tgt Ion: 97 Resp: 72323
Ion Ratio Lower Upper
97 100
99 60.4 50.3 75.5
61 48.2 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 53.180 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN079309.D

Acq: 20 Sep 2023 14:04

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBS01

Tgt Ion: 65 Resp: 135838

Ion Ratio Lower Upper

65 100

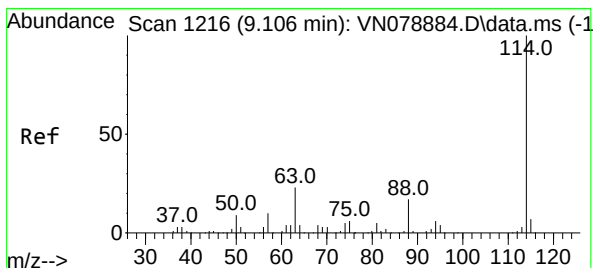
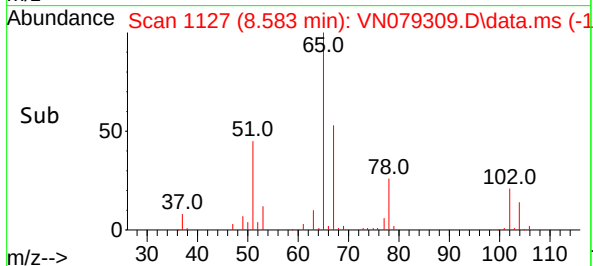
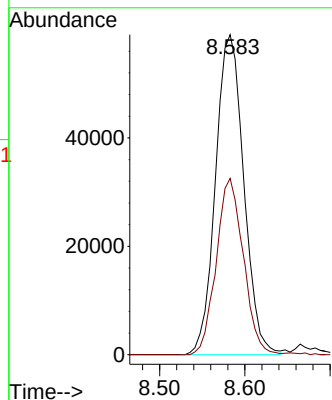
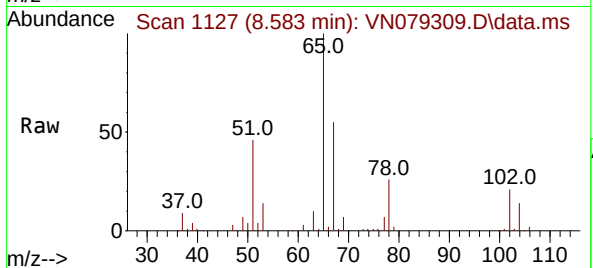
67 52.8 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079309.D

Acq: 20 Sep 2023 14:04

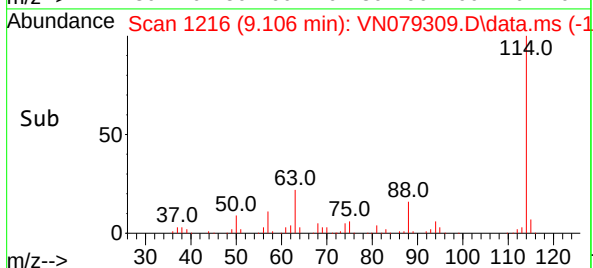
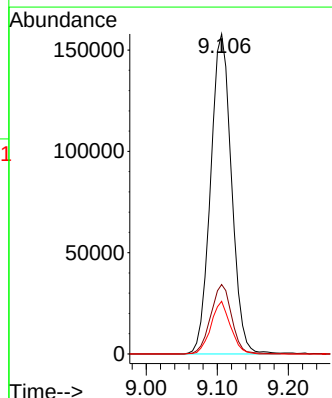
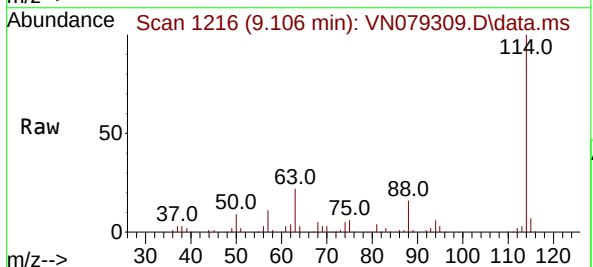
Tgt Ion:114 Resp: 322692

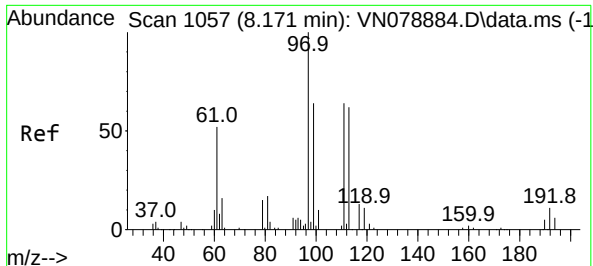
Ion Ratio Lower Upper

114 100

63 21.7 0.0 36.4

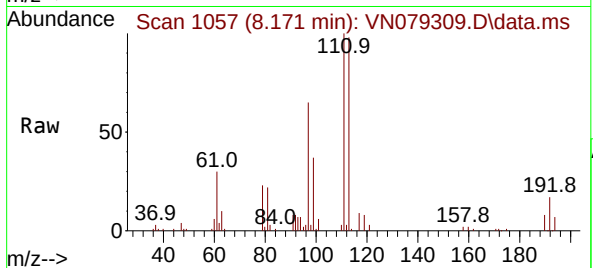
88 16.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.117 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

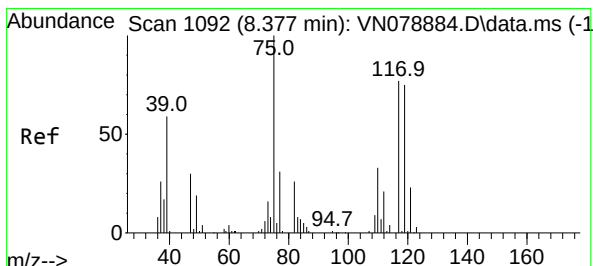
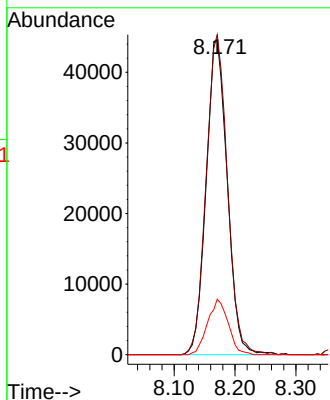
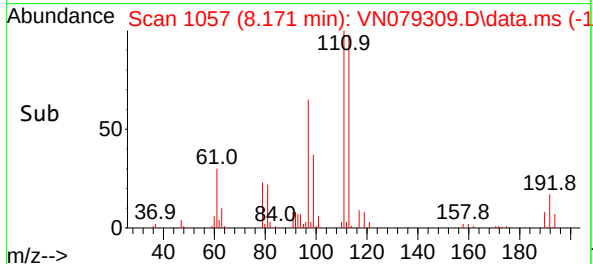
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01



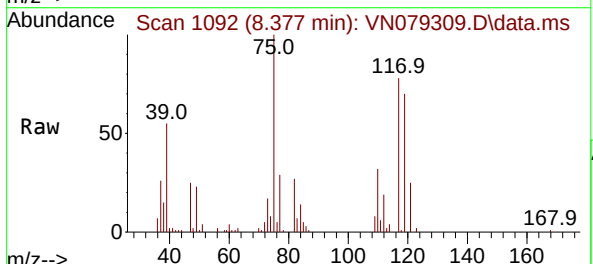
Tgt Ion: 113 Resp: 107570
Ion Ratio Lower Upper
113 100
111 102.3 82.6 123.8
192 17.2 12.7 19.1

Manual Integrations
APPROVED

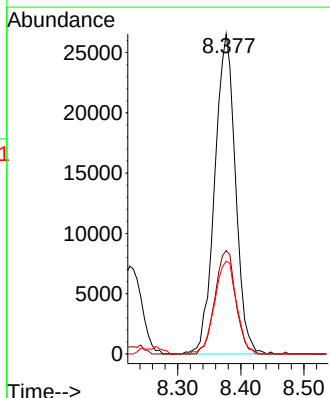
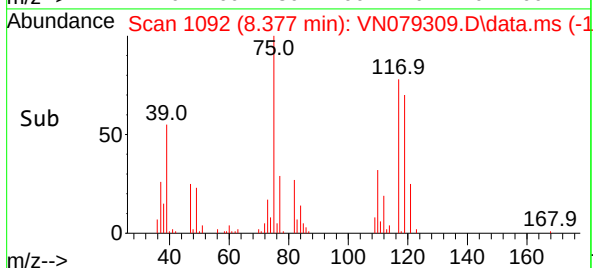
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

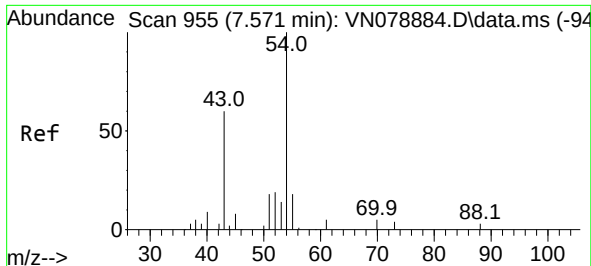


#36
1,1-Dichloropropene
Concen: 18.283 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04



Tgt Ion: 75 Resp: 60489
Ion Ratio Lower Upper
75 100
110 32.4 19.1 57.3
77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 18.048 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079309.D

Acq: 20 Sep 2023 14:04

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBS01

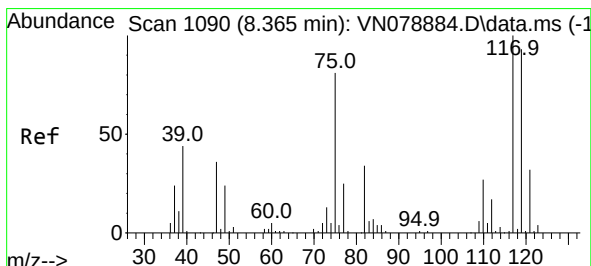
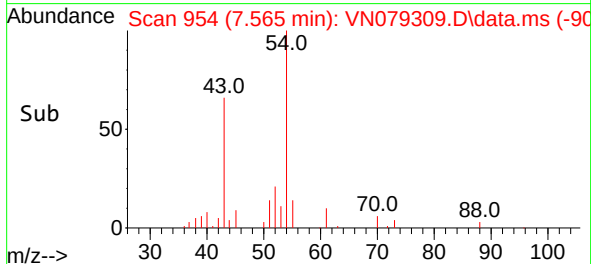
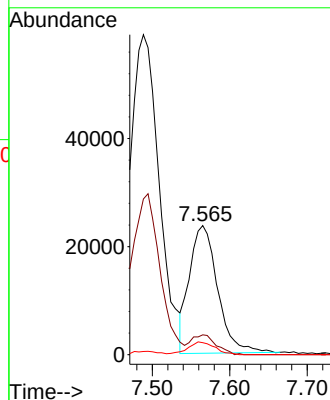
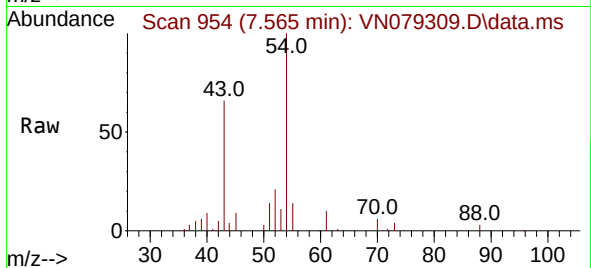
Tgt Ion: 43	Resp: 5956
Ion Ratio	Lower Upper
43 100	
61 13.8	13.2 19.8
70 9.6	11.3 16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#38

Carbon Tetrachloride

Concen: 17.276 ug/l

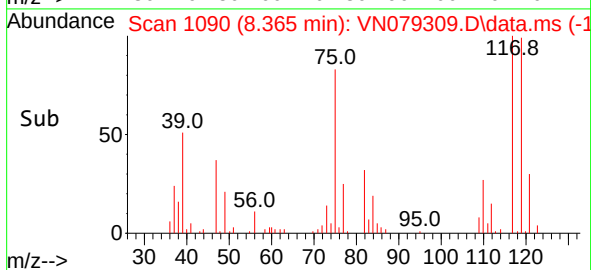
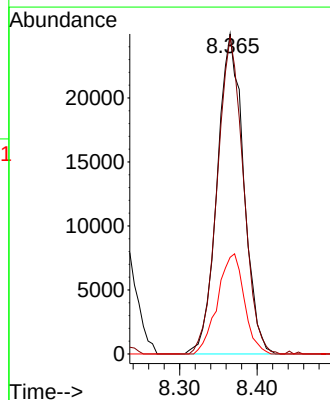
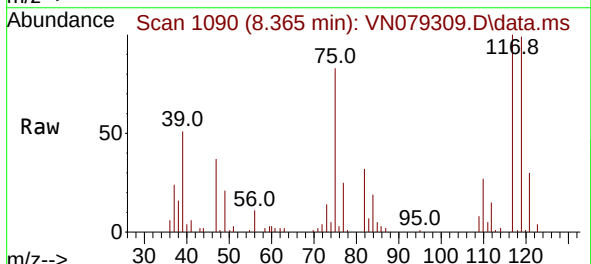
RT: 8.365 min Scan# 1090

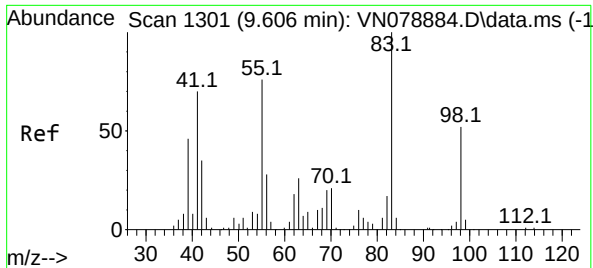
Delta R.T. -0.006 min

Lab File: VN079309.D

Acq: 20 Sep 2023 14:04

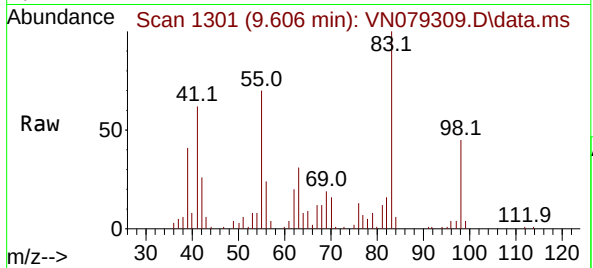
Tgt Ion: 117	Resp: 59150
Ion Ratio	Lower Upper
117 100	
119 99.0	77.3 115.9
121 30.2	23.3 34.9





#39
Methylcyclohexane
Concen: 17.762 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

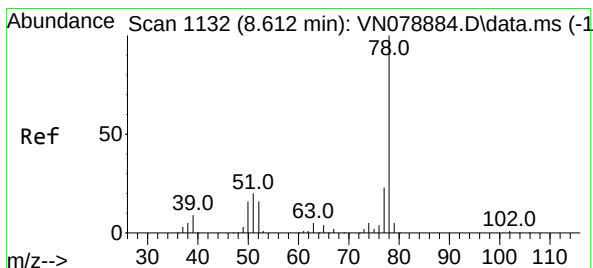
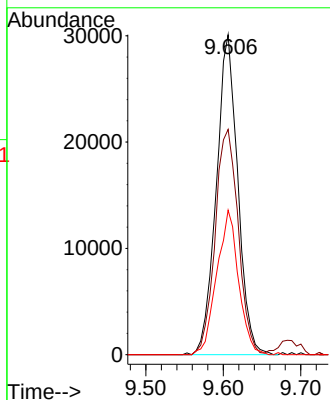
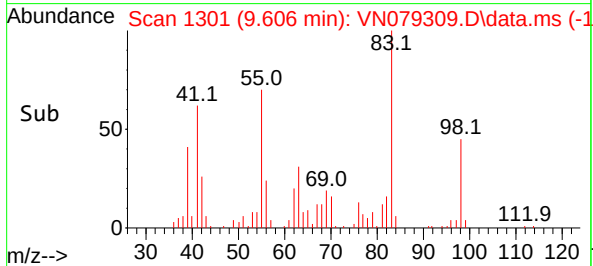
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01



Tgt Ion: 83 Resp: 57960
Ion Ratio Lower Upper
83 100
55 70.4 49.1 73.7
98 45.1 40.6 61.0

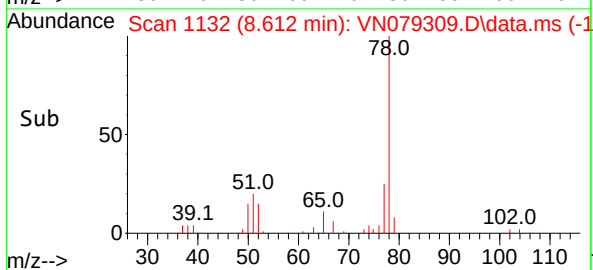
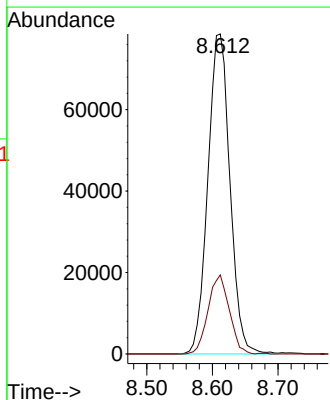
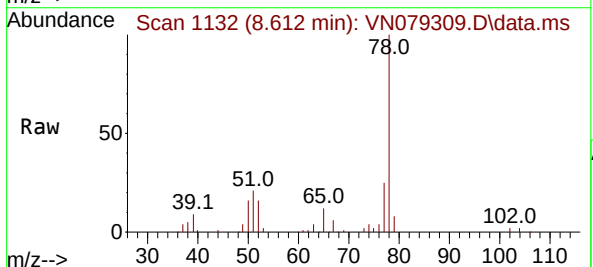
Manual Integrations
APPROVED

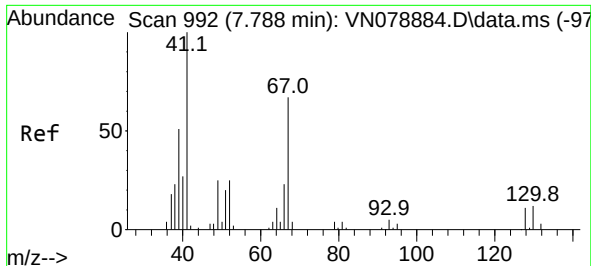
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#40
Benzene
Concen: 18.134 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

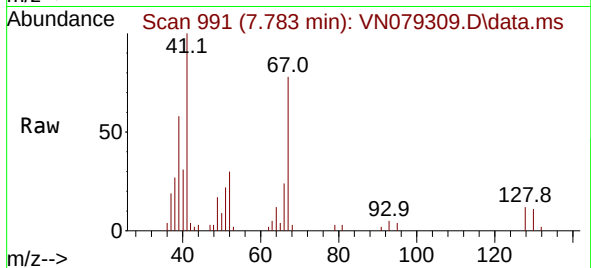
Tgt Ion: 78 Resp: 183662
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.6





#41
Methacrylonitrile
Concen: 18.434 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

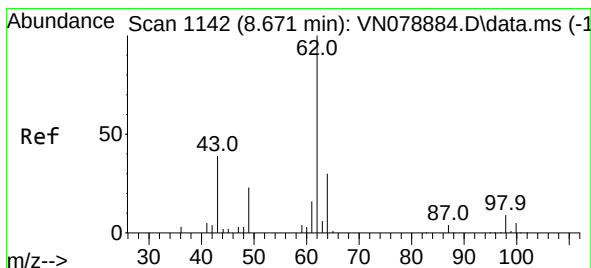
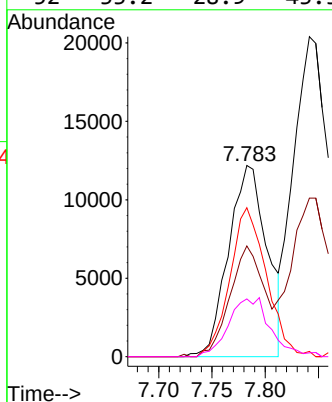
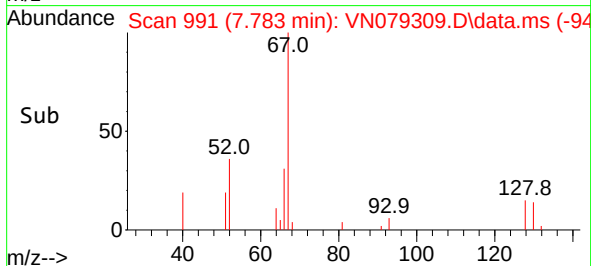
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01



Tgt Ion: 41 Resp: 30672
Ion Ratio Lower Upper
41 100
39 51.2 42.6 64.0
67 74.1 77.5 116.3
52 33.2 28.9 43.3

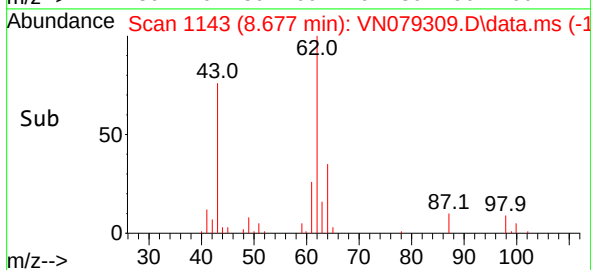
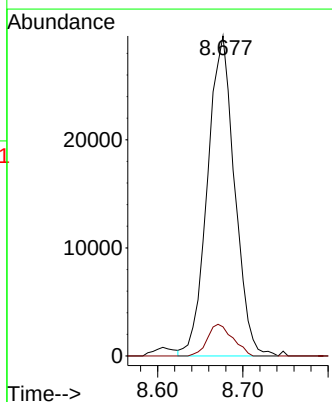
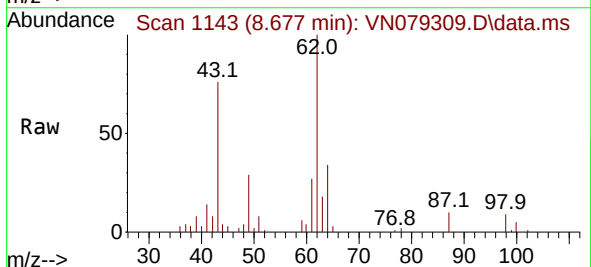
Manual Integrations
APPROVED

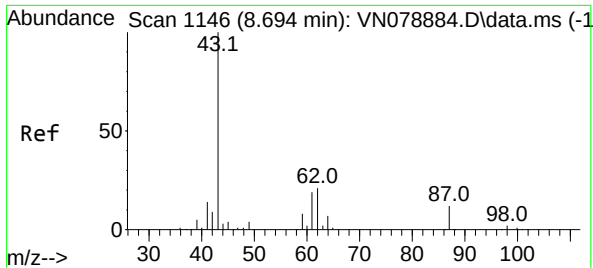
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#42
1,2-Dichloroethane
Concen: 18.791 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

Tgt Ion: 62 Resp: 65519
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8





#43

Isopropyl Acetate

Concen: 17.482 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN079309.D

Acq: 20 Sep 2023 14:04

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBS01

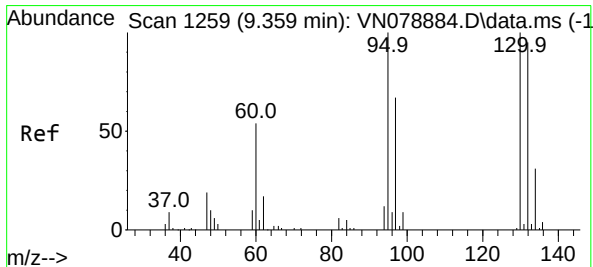
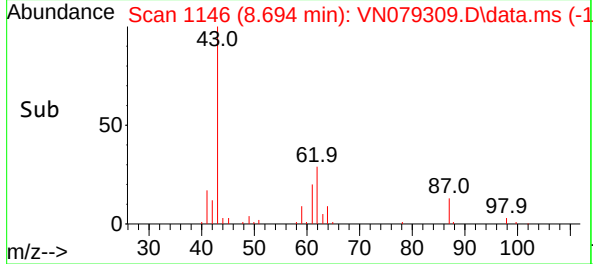
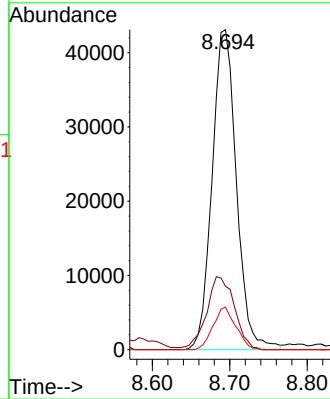
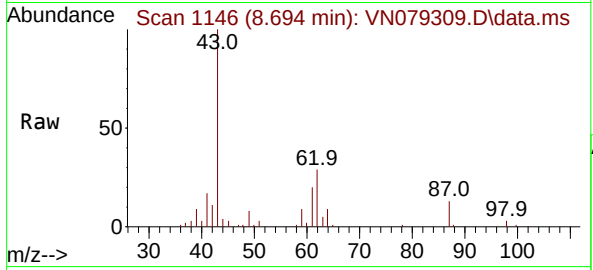
Tgt Ion: 43	Resp: 9413
Ion Ratio	Lower Upper
43	100
61	26.2 24.7 37.1
87	12.5 14.6 21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#44

Trichloroethene

Concen: 17.574 ug/l

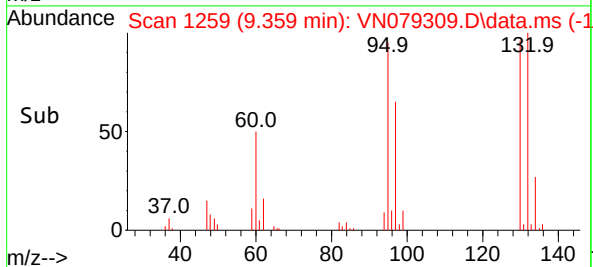
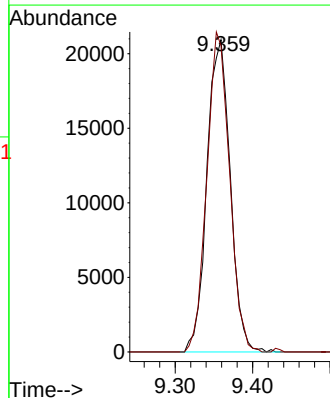
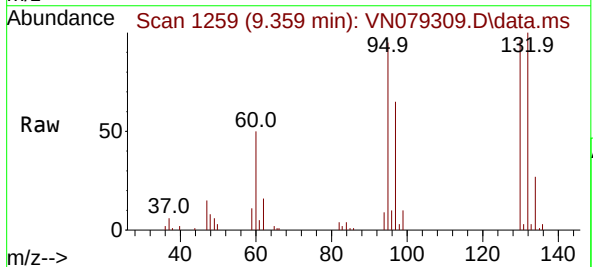
RT: 9.359 min Scan# 1259

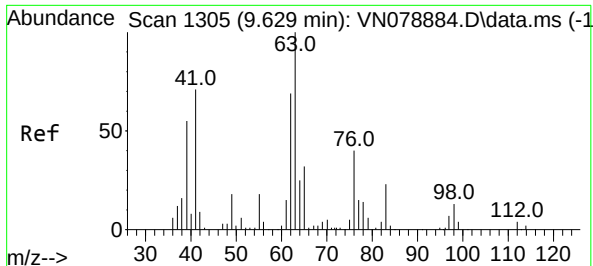
Delta R.T. 0.000 min

Lab File: VN079309.D

Acq: 20 Sep 2023 14:04

Tgt Ion:130	Resp: 43848
Ion Ratio	Lower Upper
130	100
95	98.1 0.0 204.6





#45

1,2-Dichloropropane

Concen: 19.489 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079309.D

Acq: 20 Sep 2023 14:04

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBS01

Tgt Ion: 63 Resp: 4898

Ion Ratio Lower Upper

63 100

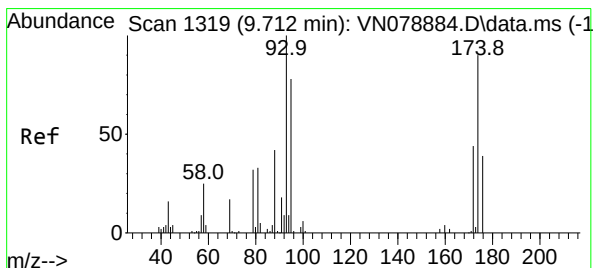
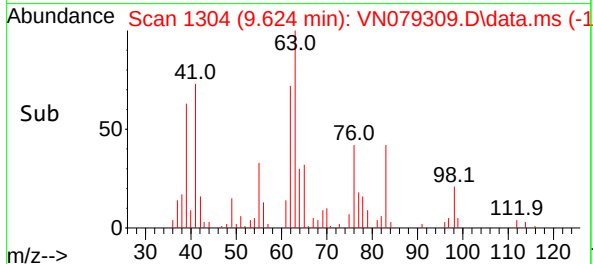
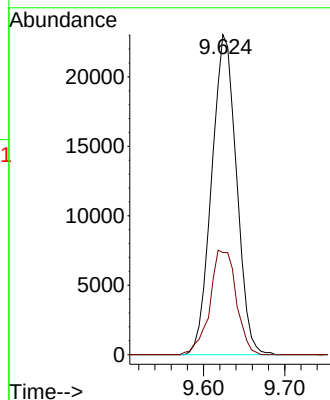
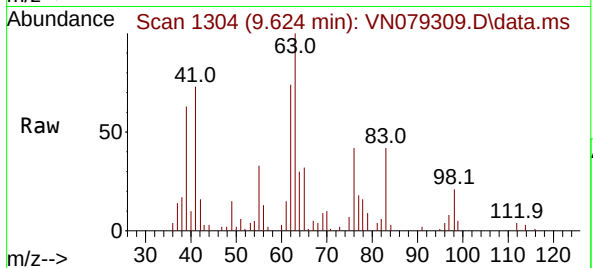
65 31.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#46

Dibromomethane

Concen: 19.269 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079309.D

Acq: 20 Sep 2023 14:04

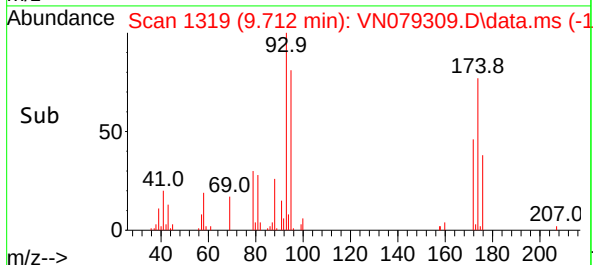
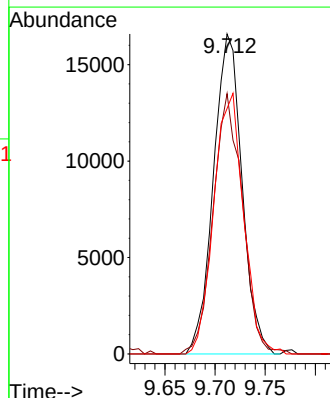
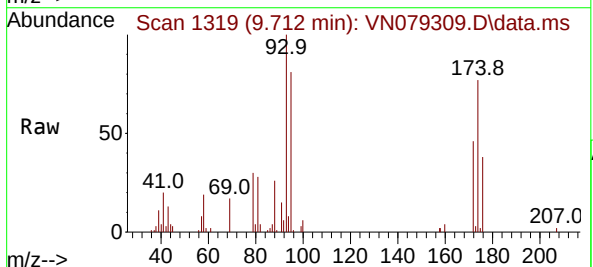
Tgt Ion: 93 Resp: 32880

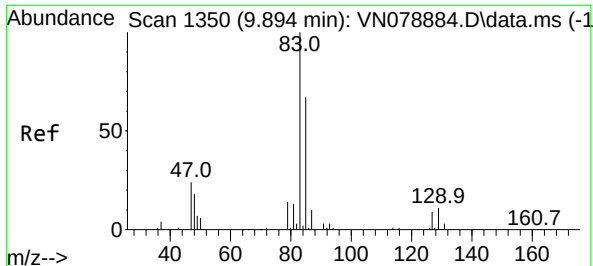
Ion Ratio Lower Upper

93 100

95 83.2 63.8 95.8

174 84.9 65.6 98.4





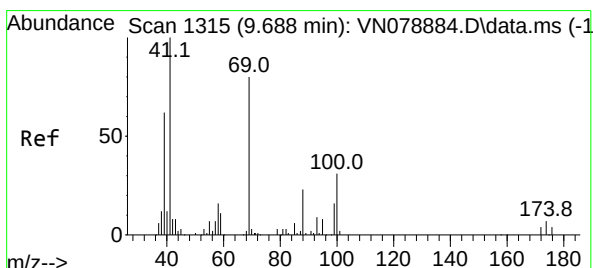
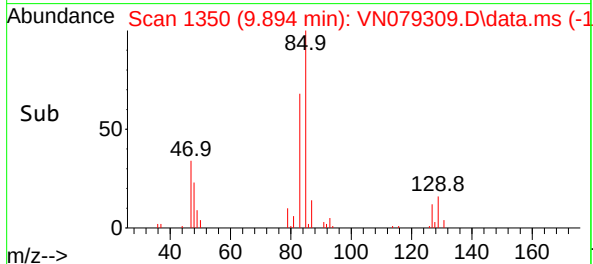
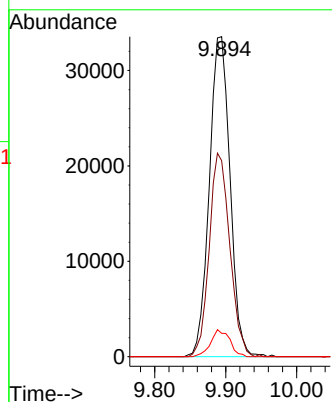
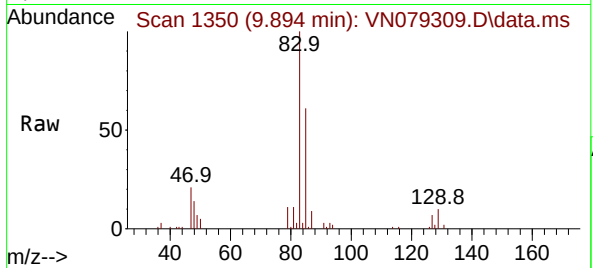
#47
Bromodichloromethane
Concen: 19.434 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

Tgt Ion: 83 Resp: 6792
Ion Ratio Lower Upper
83 100
85 61.3 49.6 74.4
127 7.3 7.0 10.6

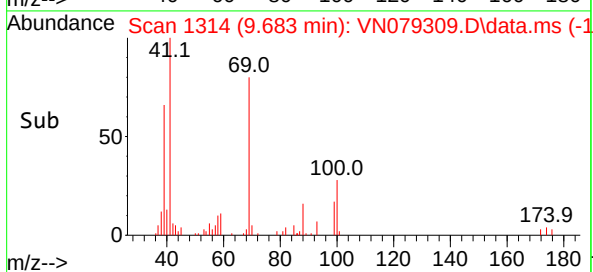
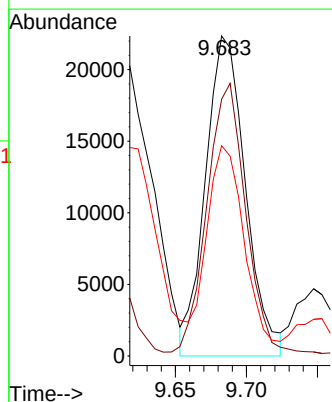
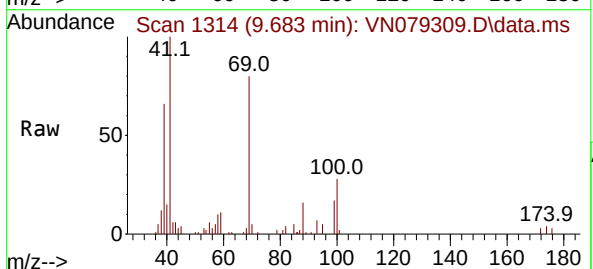
Manual Integrations
APPROVED

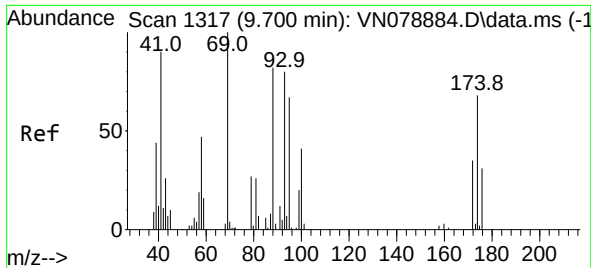
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#48
Methyl methacrylate
Concen: 18.128 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. -0.005 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

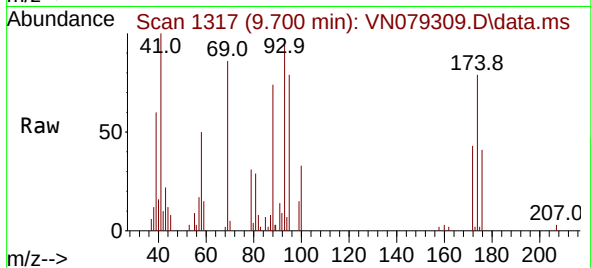
Tgt Ion: 41 Resp: 43723
Ion Ratio Lower Upper
41 100
69 84.4 90.4 135.6#
39 63.0 54.6 81.8





#49
1,4-Dioxane
Concen: 312.774 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

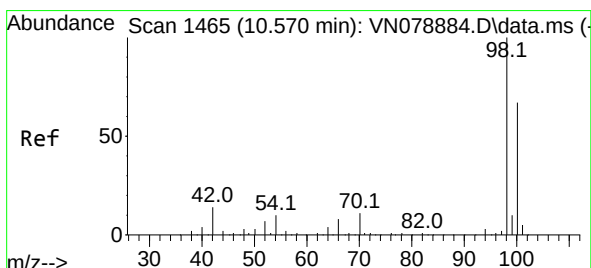
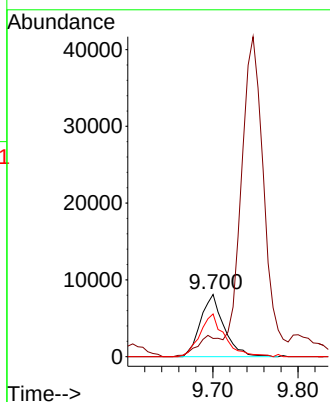
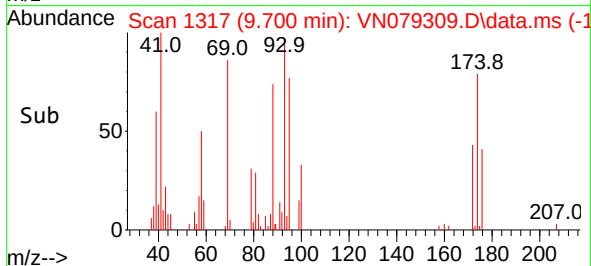
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01



Tgt Ion: 88 Resp: 15510
Ion Ratio Lower Upper
88 100
43 35.0 17.0 25.6
58 72.3 47.0 70.4

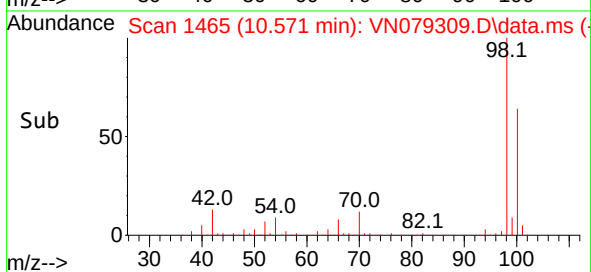
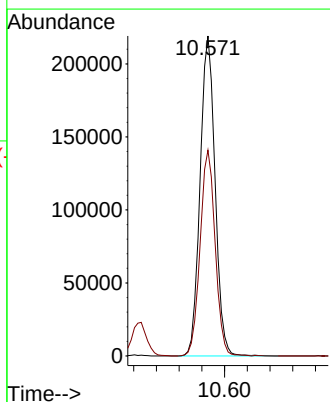
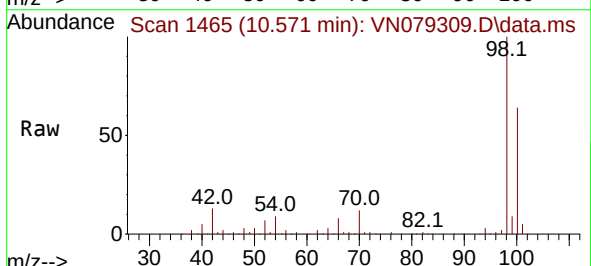
Manual Integrations
APPROVED

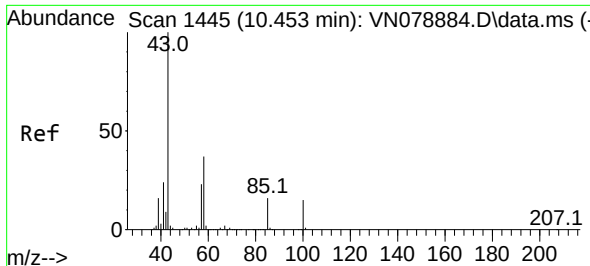
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#50
Toluene-d8
Concen: 50.870 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

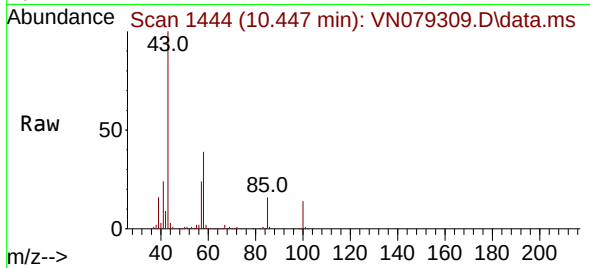
Tgt Ion: 98 Resp: 400939
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 95.235 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

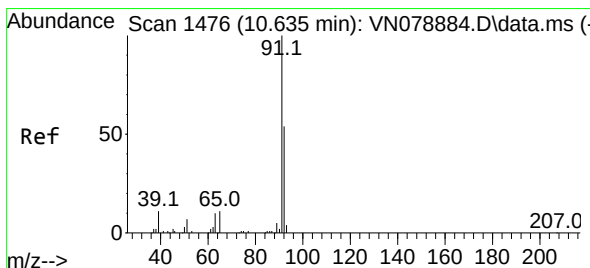
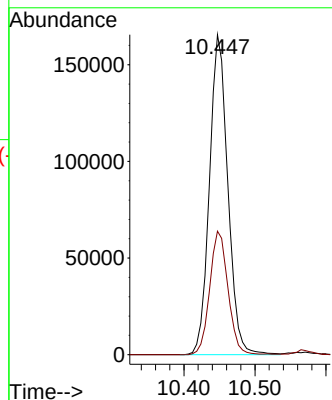
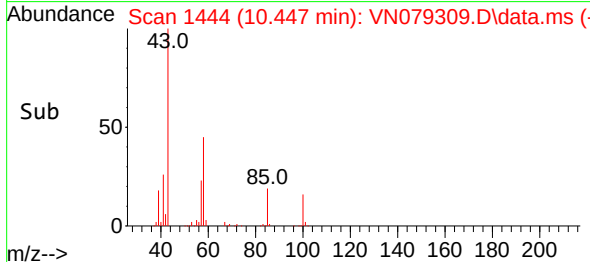
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01



Tgt Ion: 43 Resp: 297678
Ion Ratio Lower Upper
43 100
58 38.4 36.6 54.8

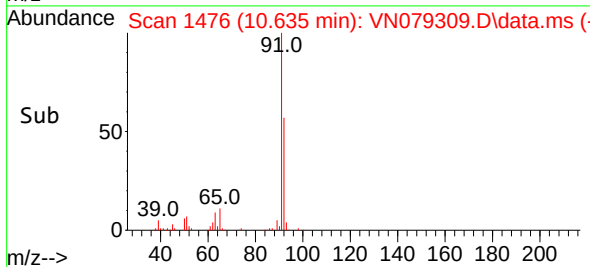
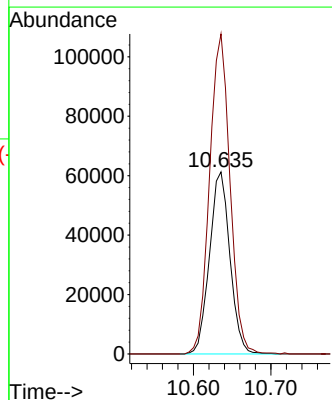
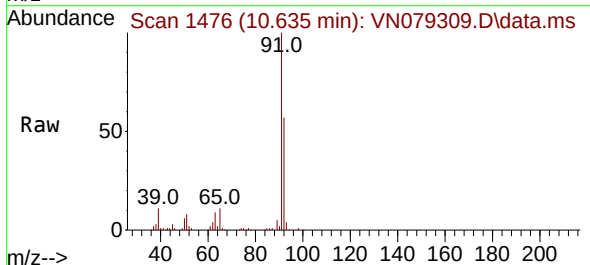
Manual Integrations
APPROVED

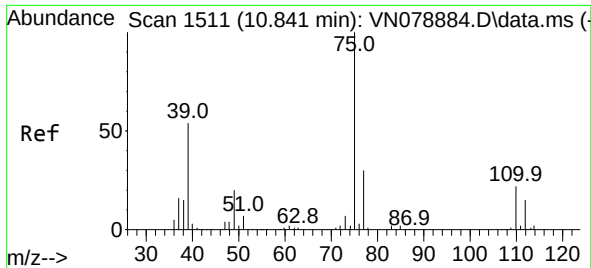
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#52
Toluene
Concen: 18.077 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

Tgt Ion: 92 Resp: 112519
Ion Ratio Lower Upper
92 100
91 175.3 137.4 206.0





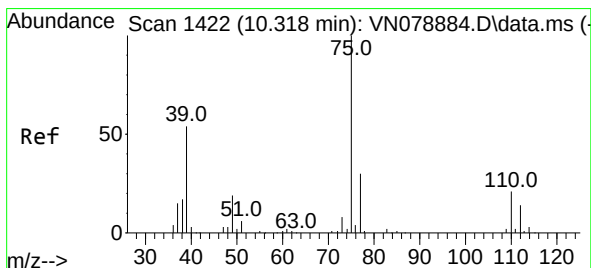
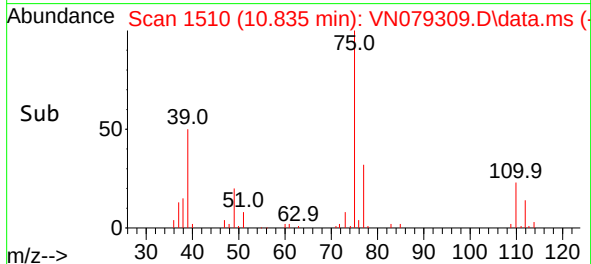
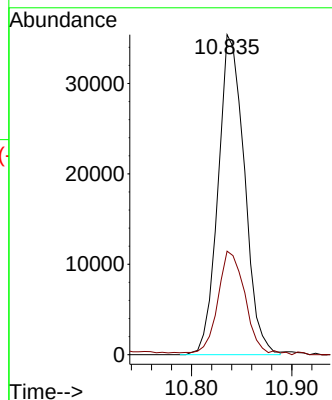
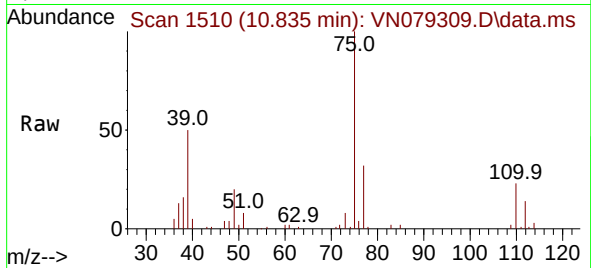
#53
t-1,3-Dichloropropene
Concen: 17.497 ug/l
RT: 10.835 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

Tgt Ion: 75 Resp: 64480
Ion Ratio Lower Upper
75 100
77 31.8 25.4 38.0

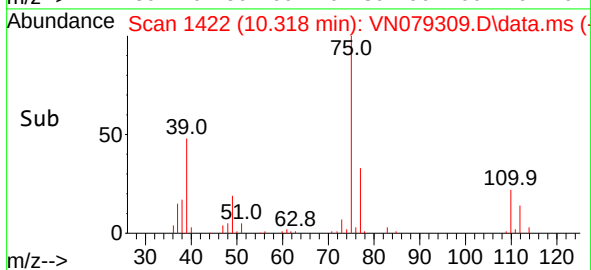
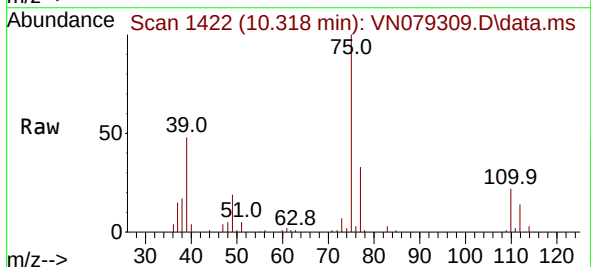
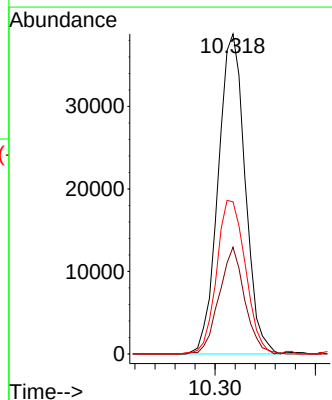
Manual Integrations
APPROVED

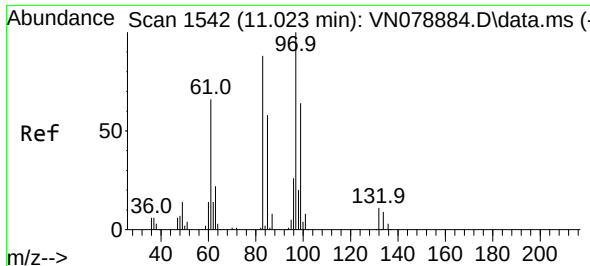
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#54
cis-1,3-Dichloropropene
Concen: 18.323 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

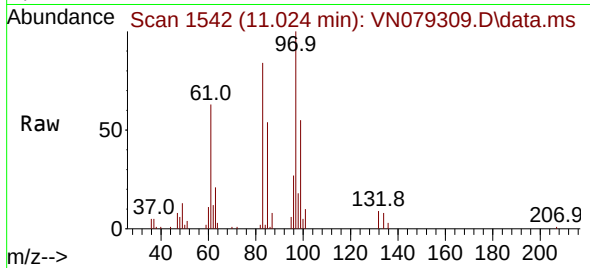
Tgt Ion: 75 Resp: 72223
Ion Ratio Lower Upper
75 100
77 33.4 26.1 39.1
39 47.5 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 18.958 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

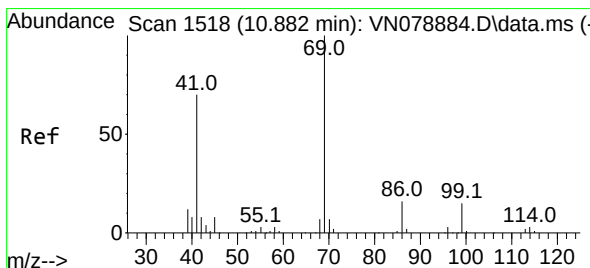
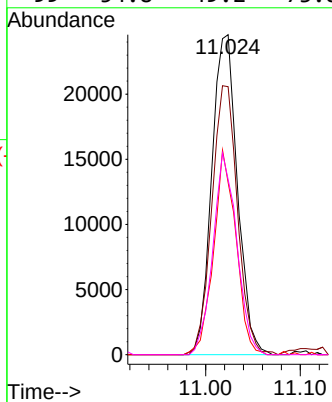
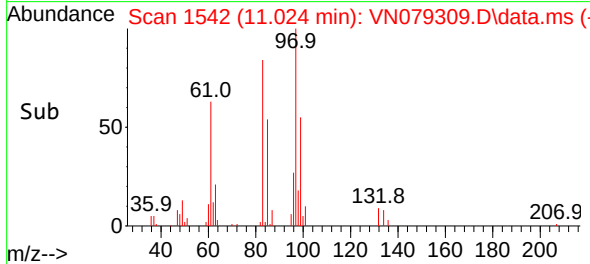
Instrument : MSVOA_N
ClientSampleId : VN0920WBS01



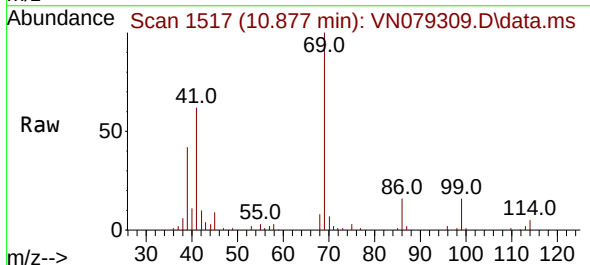
Tgt Ion:	97	Resp:	4630
Ion Ratio	Lower	Upper	
97	100		
83	83.8	65.1	97.7
85	53.8	43.4	65.2
99	54.8	49.2	73.8

Manual Integrations
APPROVED

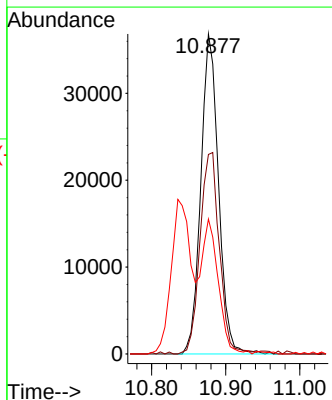
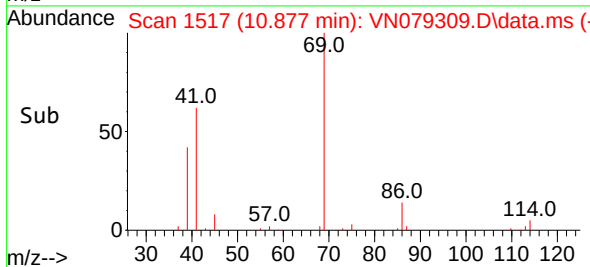
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

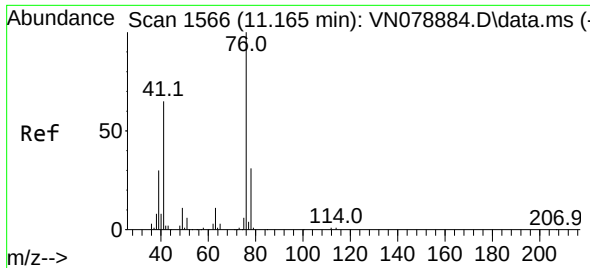


#56
Ethyl methacrylate
Concen: 17.702 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04



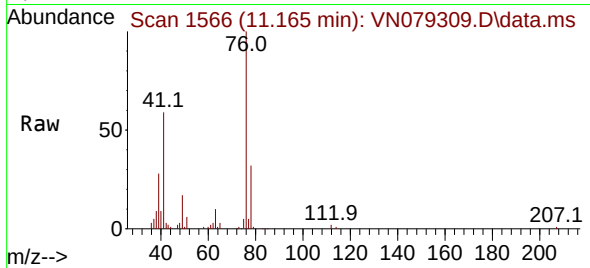
Tgt Ion:	69	Resp:	61029
Ion Ratio	Lower	Upper	
69	100		
41	69.0	39.6	59.4#
39	40.7	28.6	43.0





#57
1,3-Dichloropropane
Concen: 18.499 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

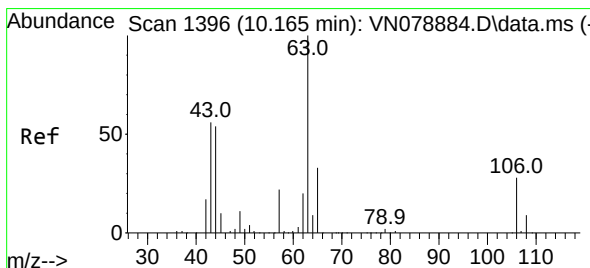
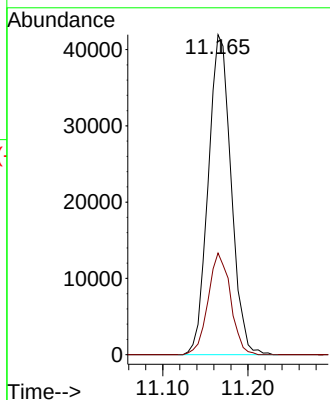
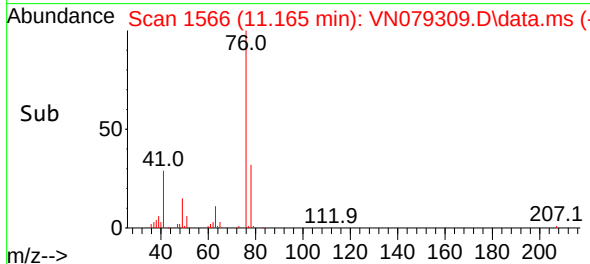
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01



Tgt Ion: 76 Resp: 78104
Ion Ratio Lower Upper
76 100
78 31.1 26.1 39.1

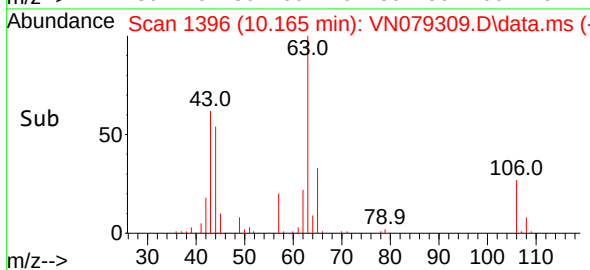
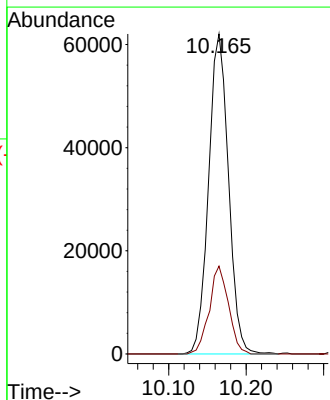
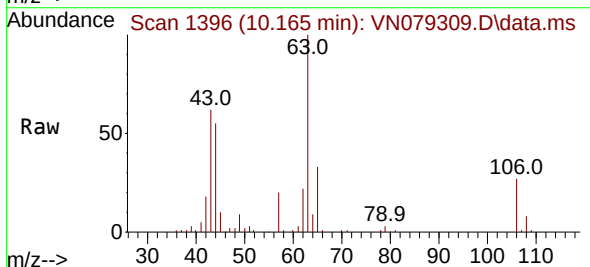
Manual Integrations
APPROVED

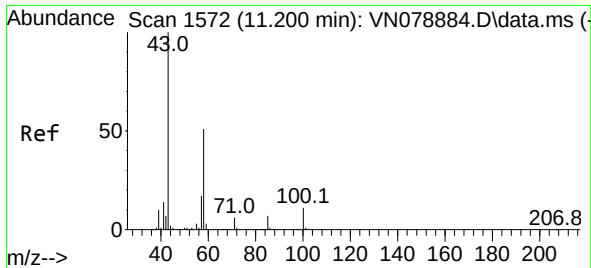
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#58
2-Chloroethyl Vinyl ether
Concen: 82.385 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

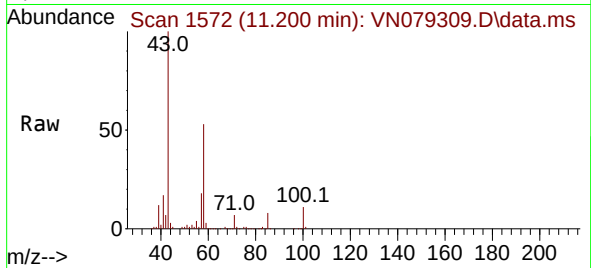
Tgt Ion: 63 Resp: 110665
Ion Ratio Lower Upper
63 100
106 26.6 26.2 39.4





#59
2-Hexanone
Concen: 93.659 ug/l
RT: 11.200 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

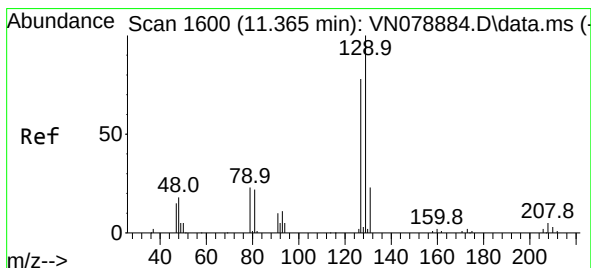
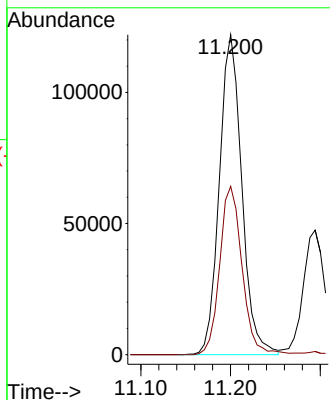
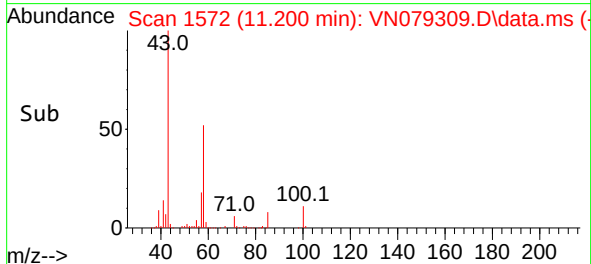
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01



Tgt Ion: 43 Resp: 21203
Ion Ratio Lower Upper
43 100
58 52.4 31.7 95.1

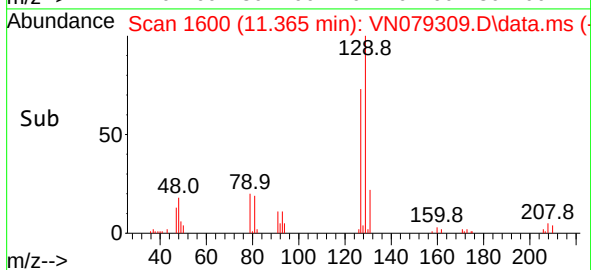
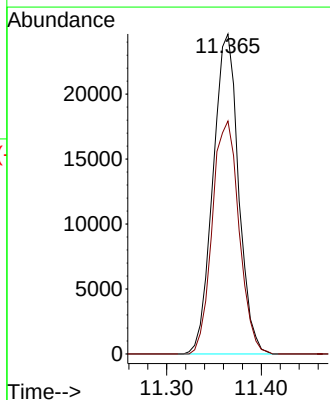
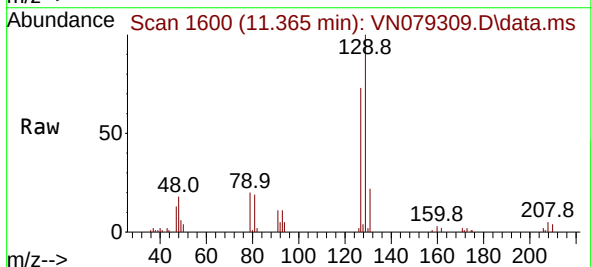
Manual Integrations
APPROVED

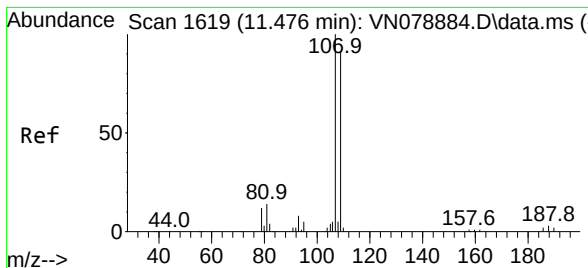
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#60
Dibromochloromethane
Concen: 17.790 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

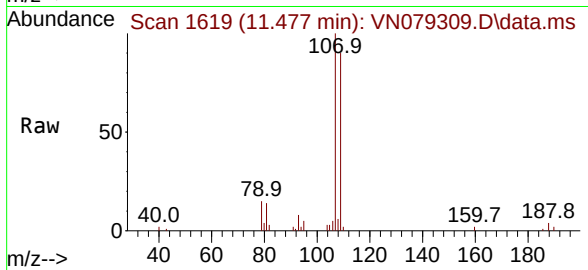
Tgt Ion:129 Resp: 46241
Ion Ratio Lower Upper
129 100
127 76.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 17.558 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.001 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

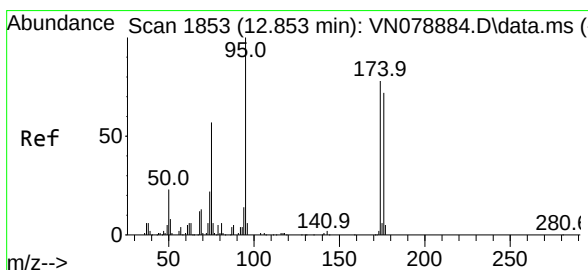
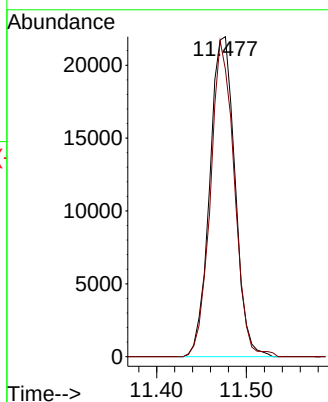
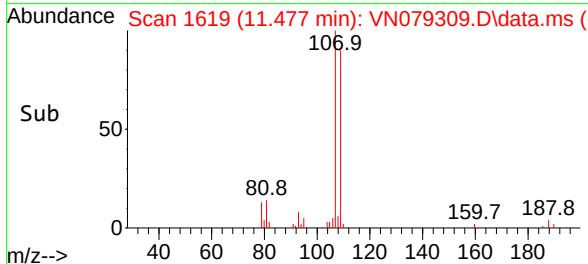
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01



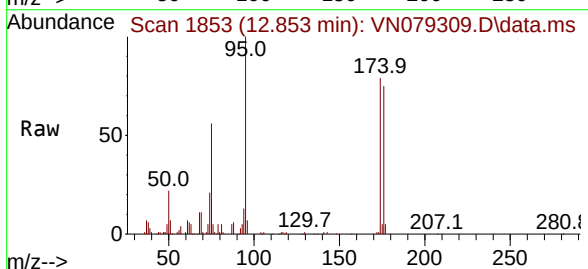
Tgt Ion:107 Resp: 42794
Ion Ratio Lower Upper
107 100
109 93.3 76.6 114.8

Manual Integrations
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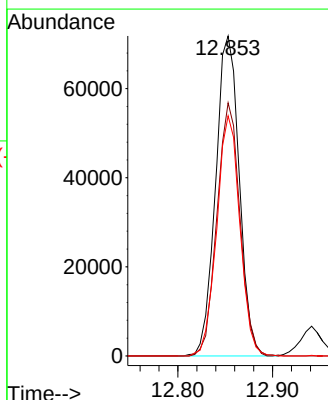
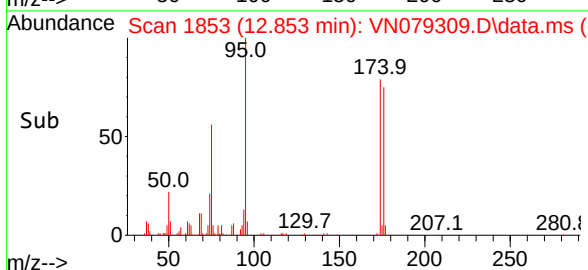
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

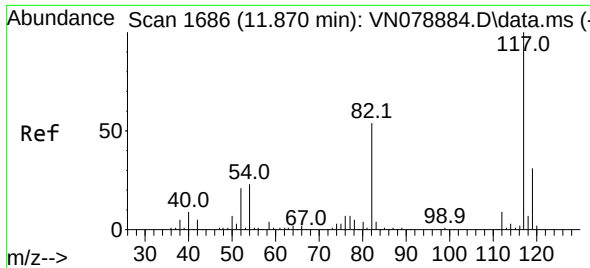


#62
4-Bromofluorobenzene
Concen: 49.495 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04



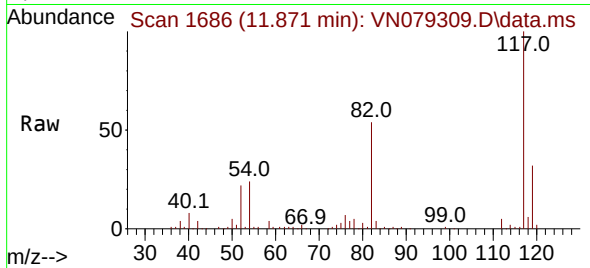
Tgt Ion: 95 Resp: 124433
Ion Ratio Lower Upper
95 100
174 77.0 0.0 143.8
176 73.4 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

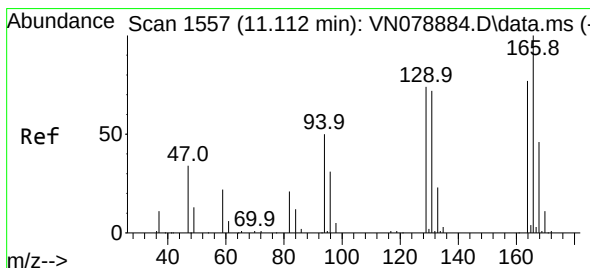
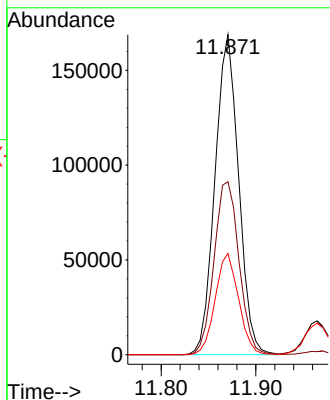
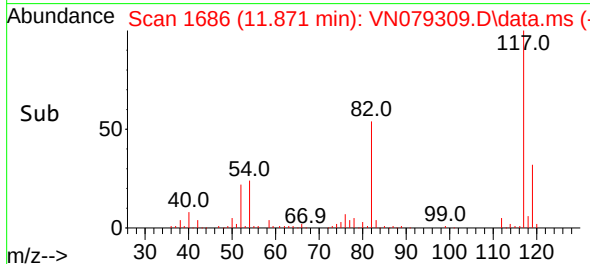
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01



Tgt Ion:117 Resp: 293040
Ion Ratio Lower Upper
117 100
82 54.0 44.0 66.0
119 31.6 25.6 38.4

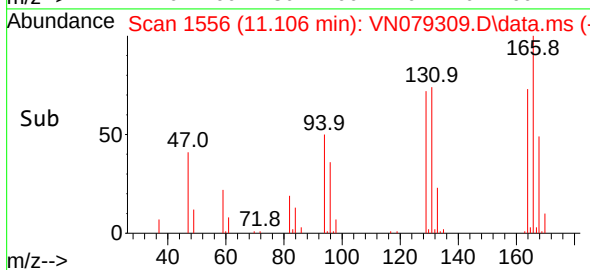
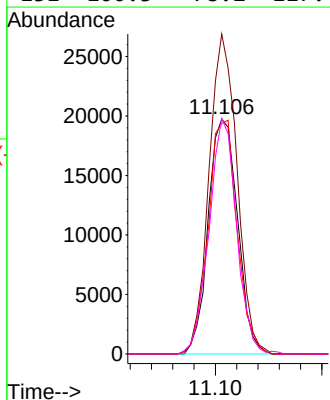
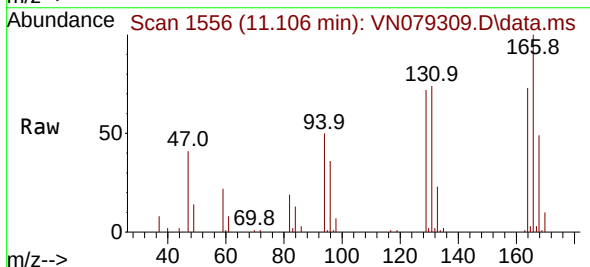
Manual Integrations
APPROVED

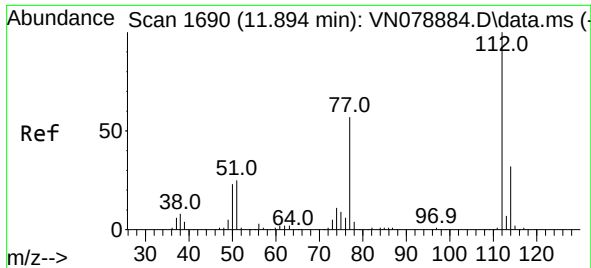
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#64
Tetrachloroethene
Concen: 17.650 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

Tgt Ion:164 Resp: 37715
Ion Ratio Lower Upper
164 100
166 136.2 101.4 152.0
129 98.1 82.4 123.6
131 100.3 78.2 117.4





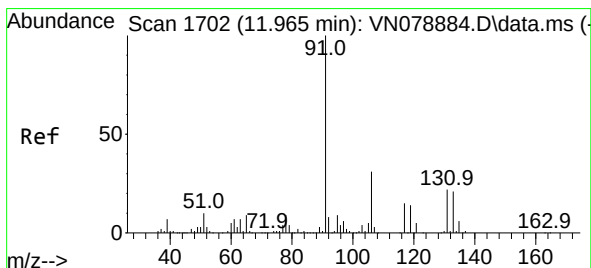
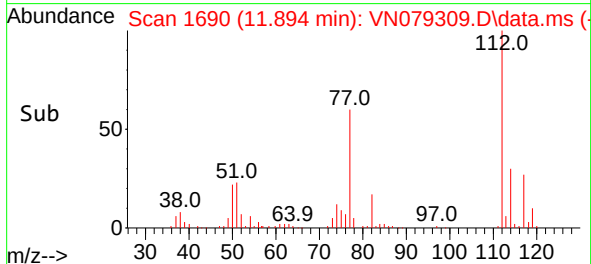
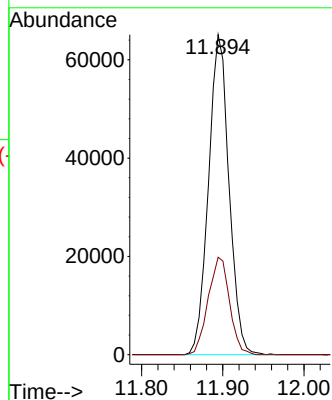
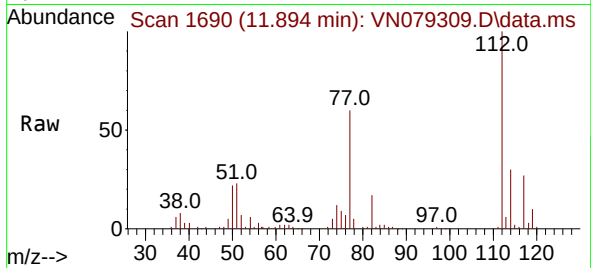
#65
Chlorobenzene
Concen: 17.207 ug/l
RT: 11.894 min Scan# 112
Delta R.T. 0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

Tgt Ion:112 Resp: 114234
Ion Ratio Lower Upper
112 100
114 30.4 25.0 37.4

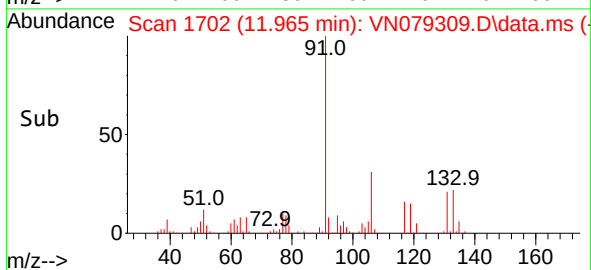
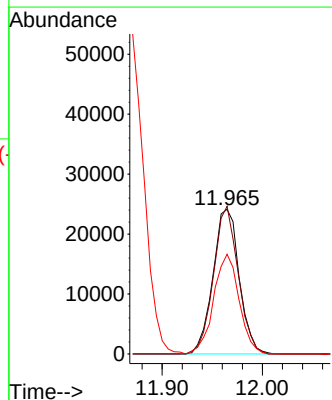
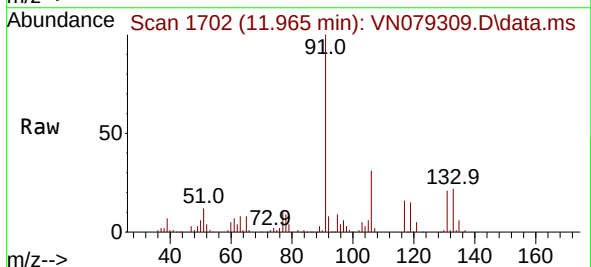
Manual Integrations
APPROVED

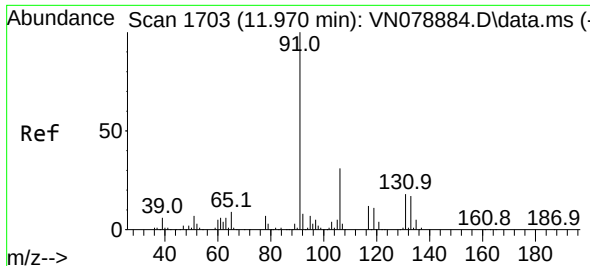
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 17.639 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

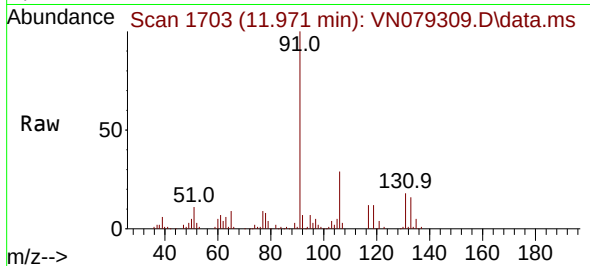
Tgt Ion:131 Resp: 43910
Ion Ratio Lower Upper
131 100
133 95.7 46.4 139.1
119 66.9 34.1 102.2





#67
Ethyl Benzene
Concen: 18.168 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

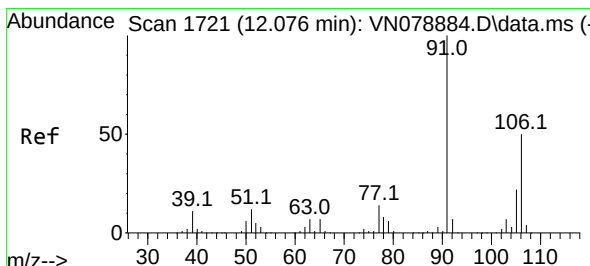
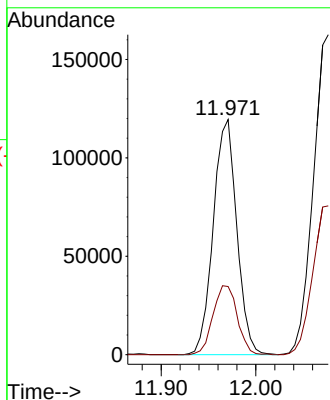
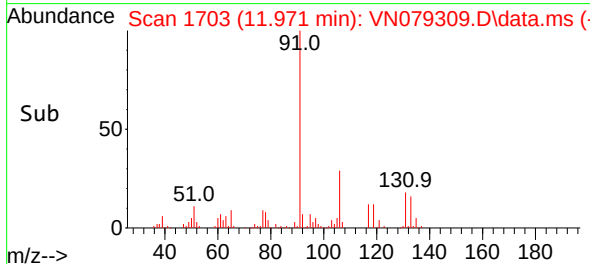
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01



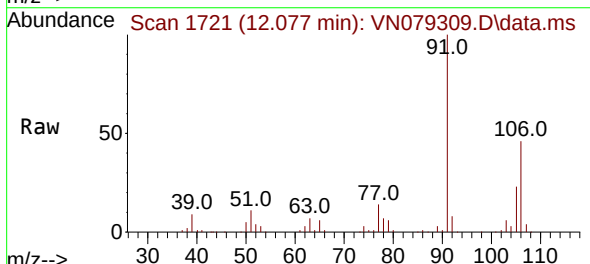
Tgt Ion: 91 Resp: 20630
Ion Ratio Lower Upper
91 100
106 29.0 25.6 38.4

Manual Integrations
APPROVED

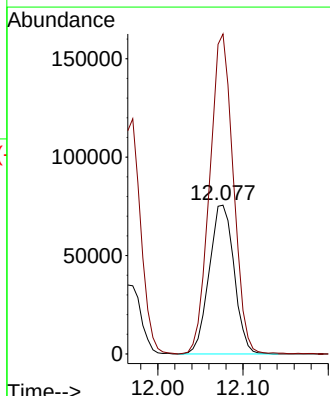
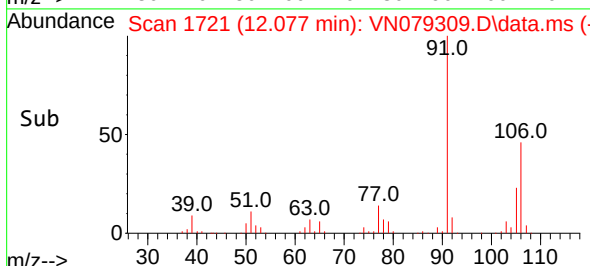
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

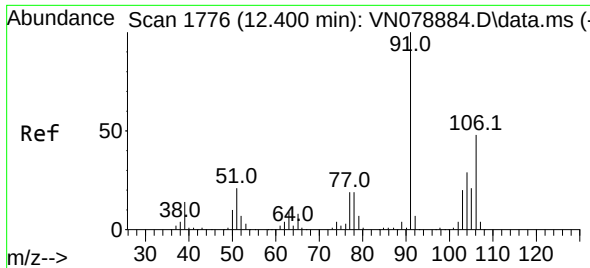


#68
m/p-Xylenes
Concen: 36.340 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.001 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04



Tgt Ion:106 Resp: 153807
Ion Ratio Lower Upper
106 100
91 204.5 159.6 239.4





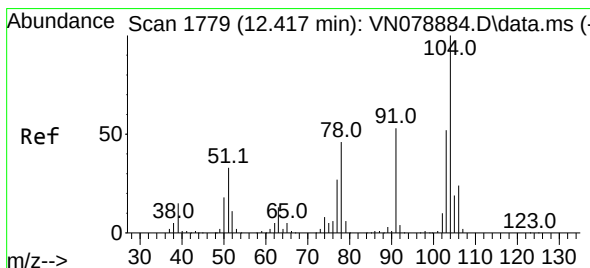
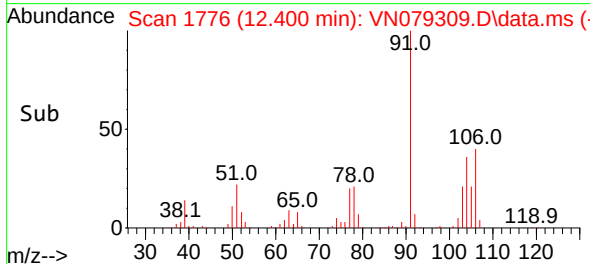
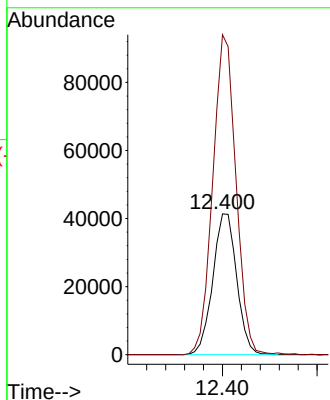
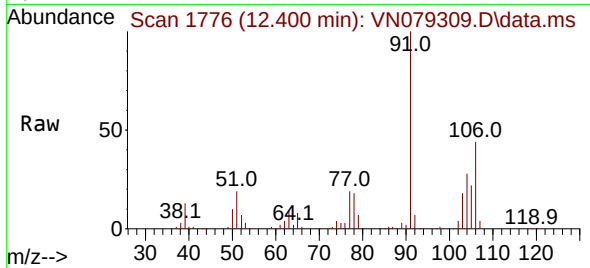
#69
o-Xylene
Concen: 17.860 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

Tgt Ion:106 Resp: 72499
Ion Ratio Lower Upper
106 100
91 220.8 105.2 315.5

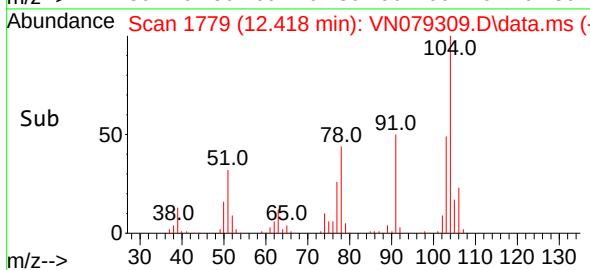
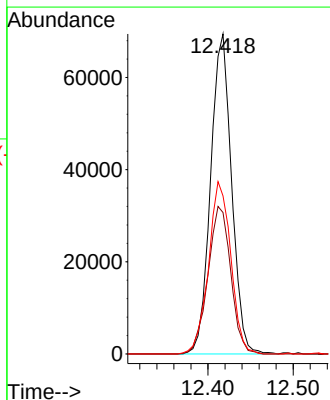
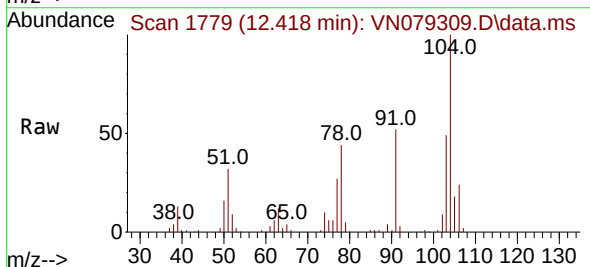
Manual Integrations
APPROVED

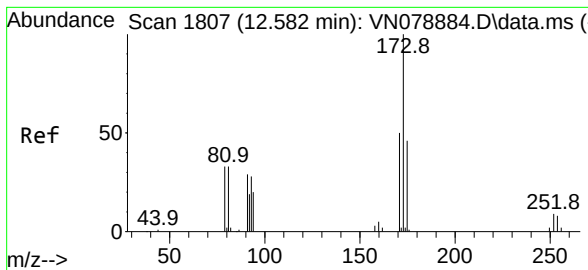
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#70
Styrene
Concen: 18.187 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

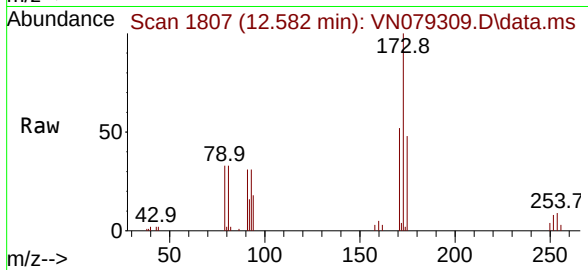
Tgt Ion:104 Resp: 118737
Ion Ratio Lower Upper
104 100
78 50.2 39.5 59.3
103 57.3 43.2 64.8





#71
Bromoform
Concen: 15.940 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

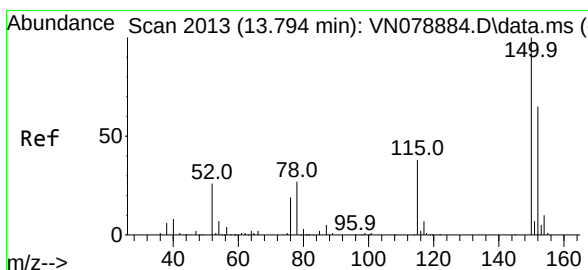
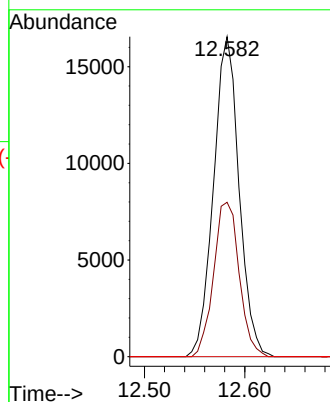
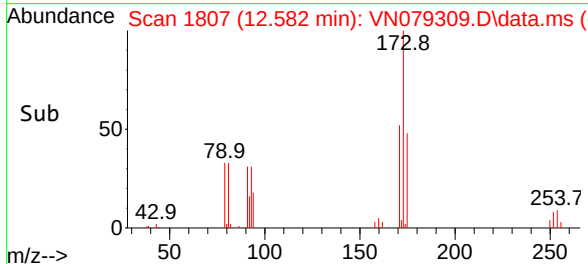
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01



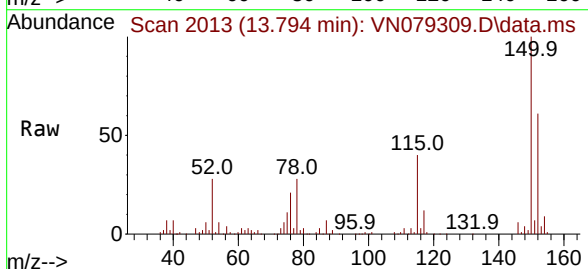
Tgt Ion:173 Resp: 29294
Ion Ratio Lower Upper
173 100
175 48.3 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
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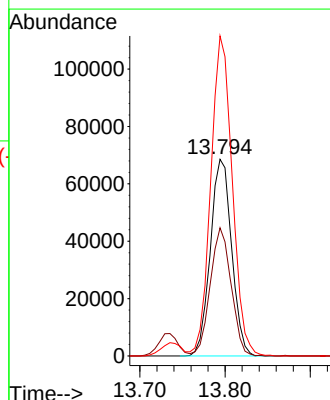
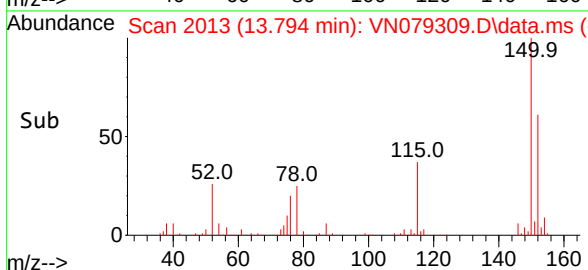
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

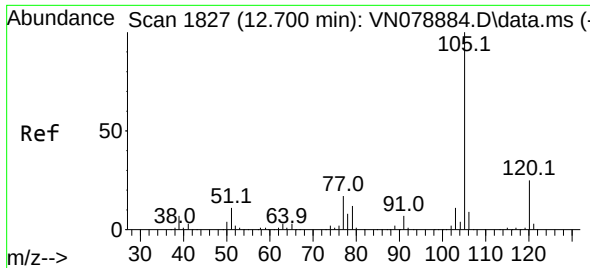


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04



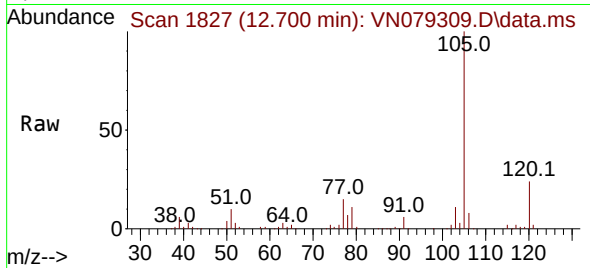
Tgt Ion:152 Resp: 119110
Ion Ratio Lower Upper
152 100
115 63.9 32.3 96.8
150 163.9 0.0 355.8





#73
Isopropylbenzene
Concen: 17.488 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

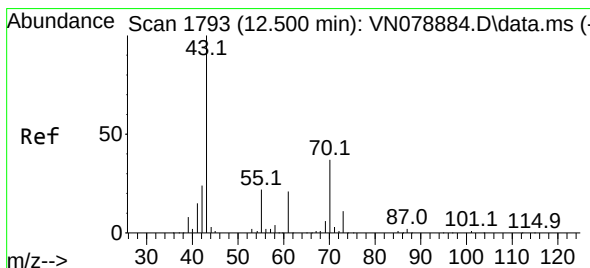
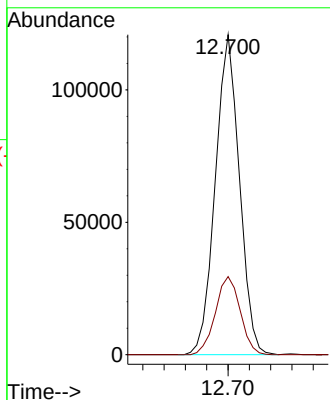
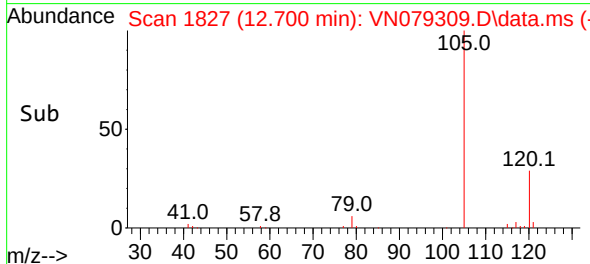
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01



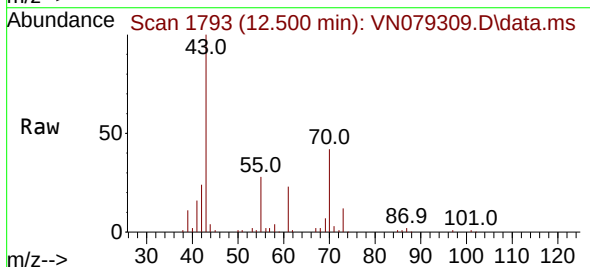
Tgt Ion:105 Resp: 189510
Ion Ratio Lower Upper
105 100
120 25.1 13.1 39.1

Manual Integrations
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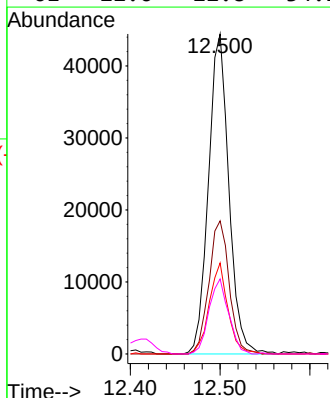
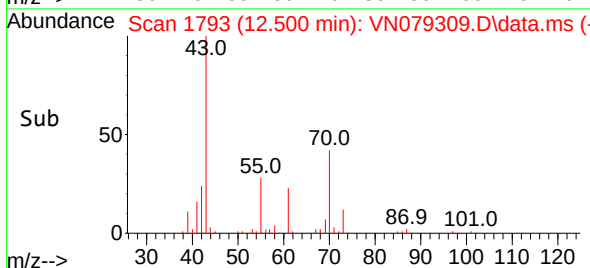
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

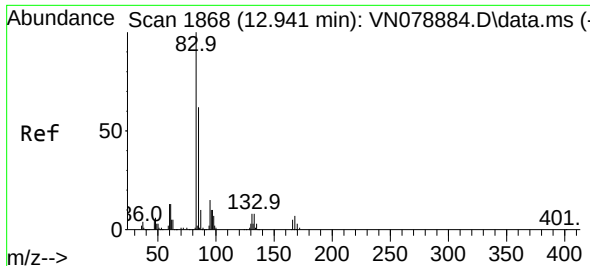


#74
N-ethyl acetate
Concen: 17.079 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04



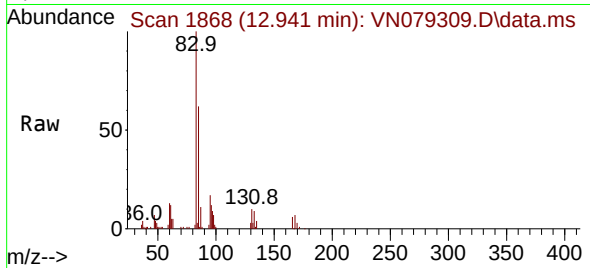
Tgt Ion: 43 Resp: 70219
Ion Ratio Lower Upper
43 100
70 41.5 43.4 65.2#
55 26.1 21.4 32.0
61 22.6 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 16.280 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

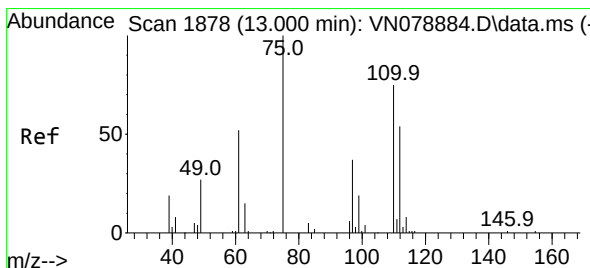
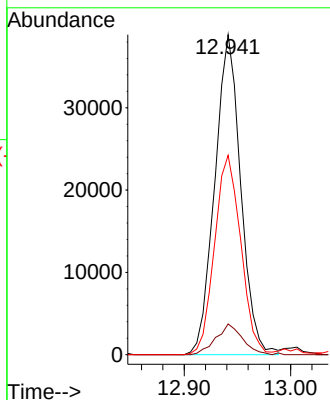
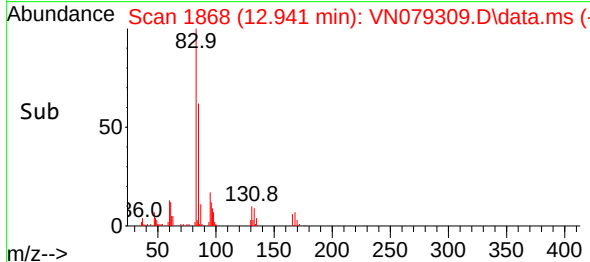
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01



Tgt Ion: 83 Resp: 65690
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 63.0 31.9 95.7

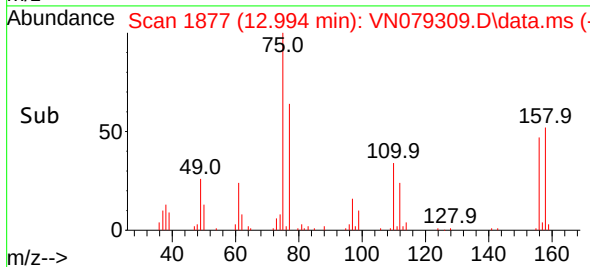
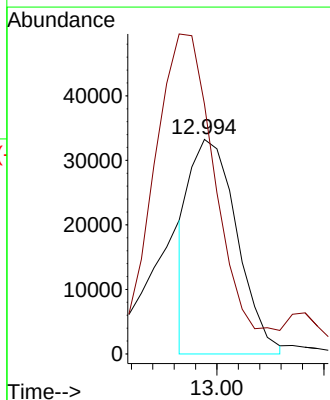
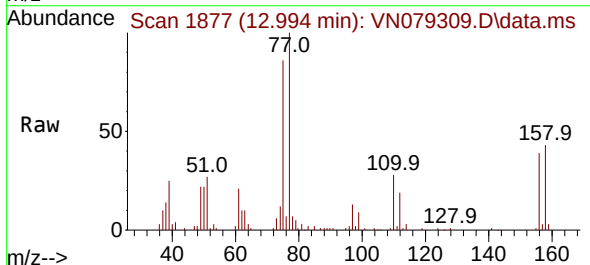
Manual Integrations
APPROVED

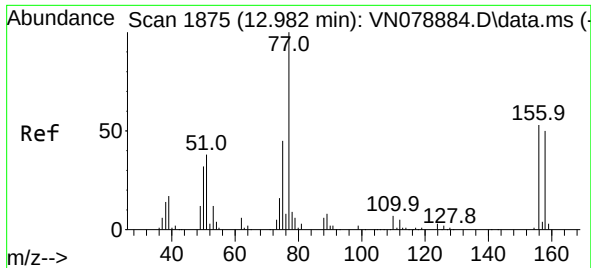
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#76
1,2,3-Trichloropropane
Concen: 15.913 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

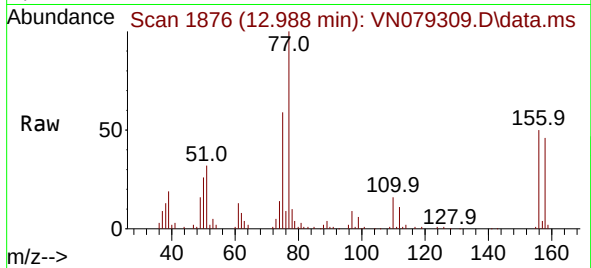
Tgt Ion: 75 Resp: 51085
Ion Ratio Lower Upper
75 100
77 200.6 84.5 253.5





#77
Bromobenzene
Concen: 15.648 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.006 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

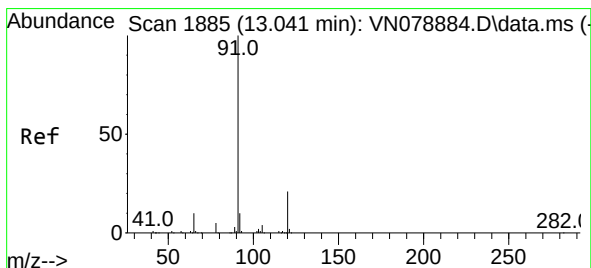
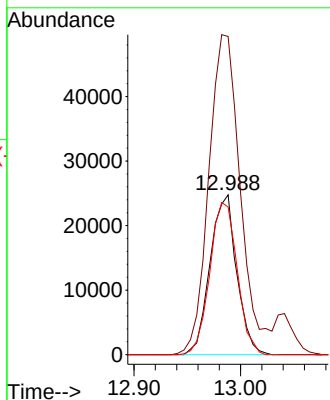
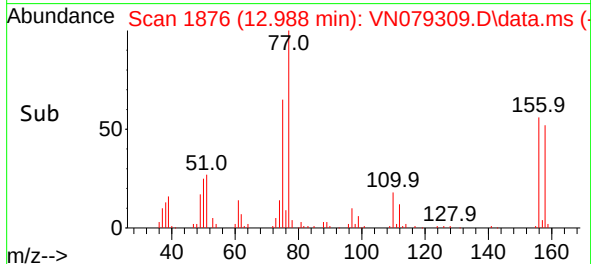
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01



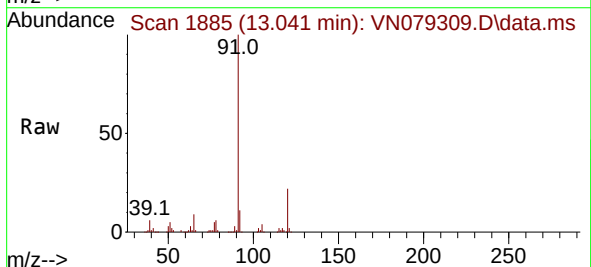
Tgt Ion:156 Resp: 42938
Ion Ratio Lower Upper
156 100
77 238.7 107.7 323.3
158 98.0 48.4 145.3

Manual Integrations
APPROVED

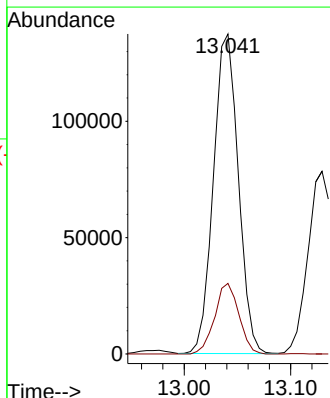
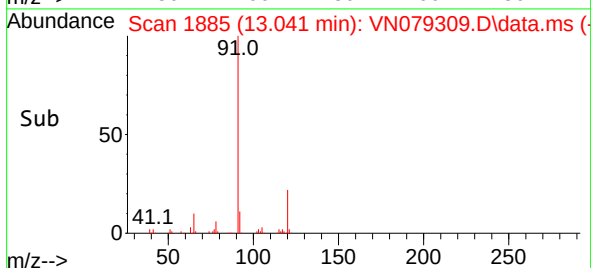
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

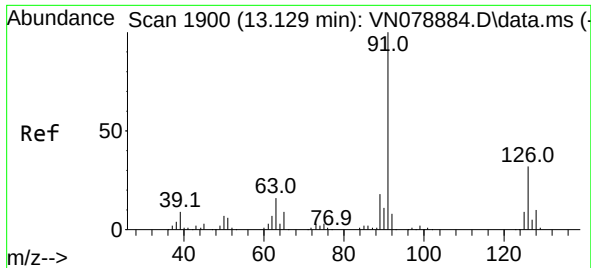


#78
n-propylbenzene
Concen: 18.284 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04



Tgt Ion: 91 Resp: 222581
Ion Ratio Lower Upper
91 100
120 21.4 11.5 34.4





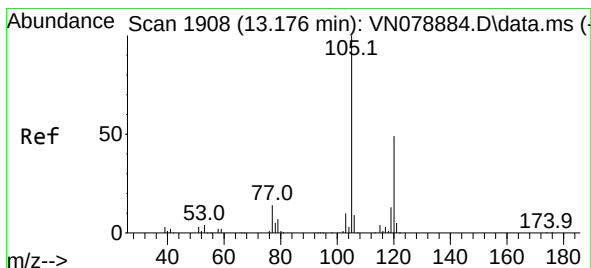
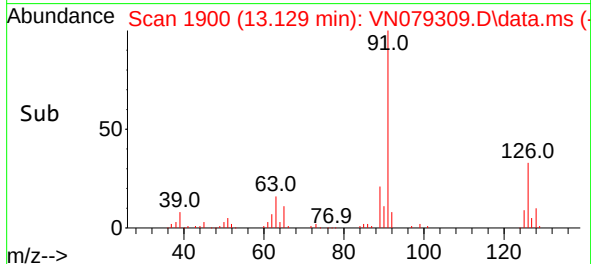
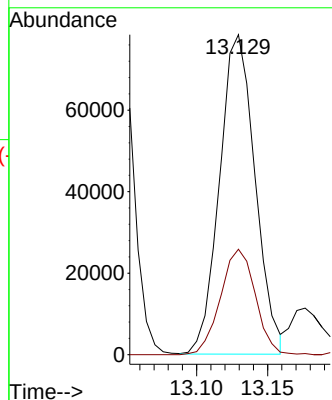
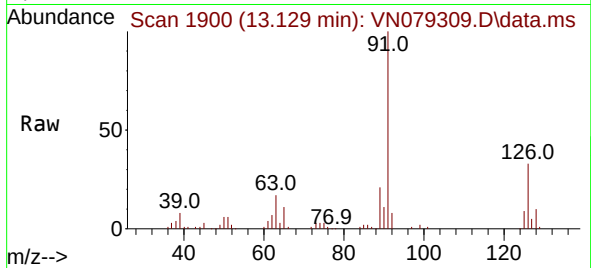
#79
2-Chlorotoluene
Concen: 17.146 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

Tgt Ion: 91 Resp: 136510
Ion Ratio Lower Upper
91 100
126 32.3 16.3 48.8

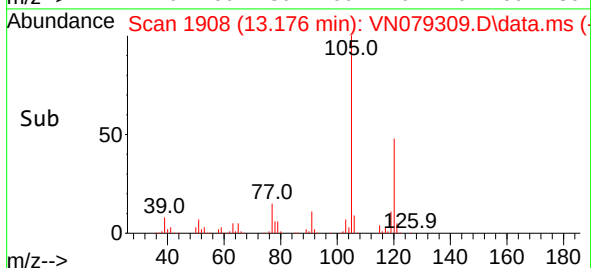
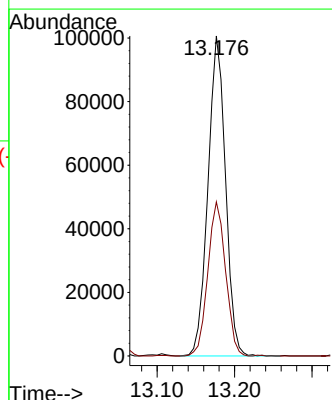
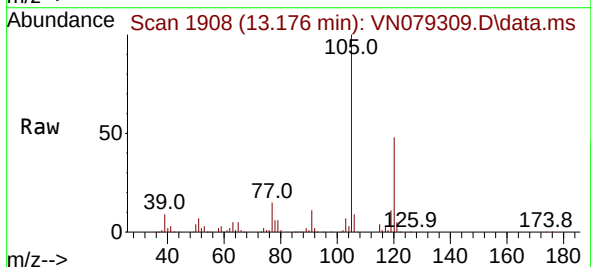
Manual Integrations
APPROVED

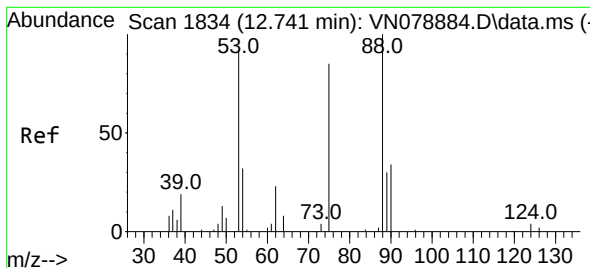
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 17.497 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

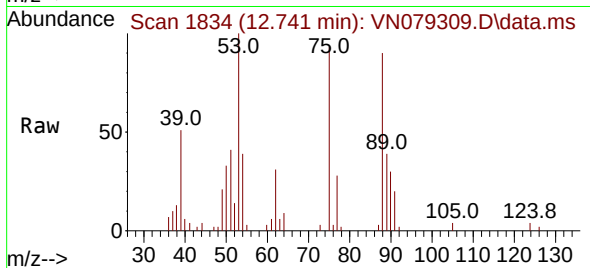
Tgt Ion:105 Resp: 157997
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 17.150 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

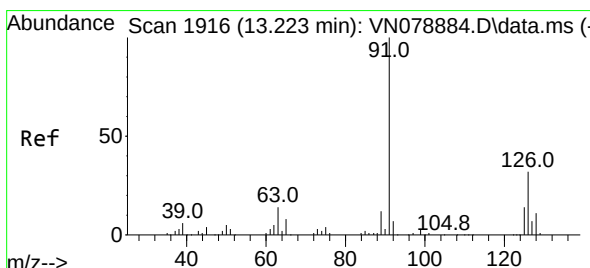
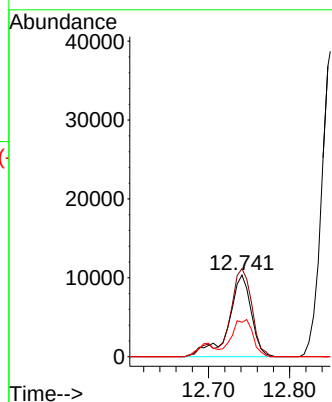
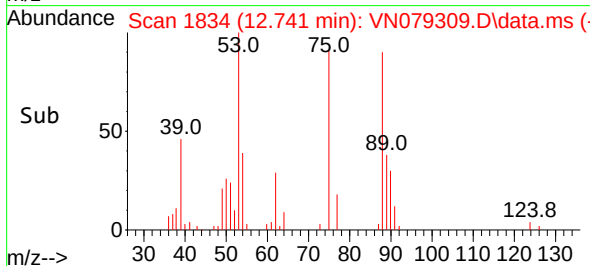
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01



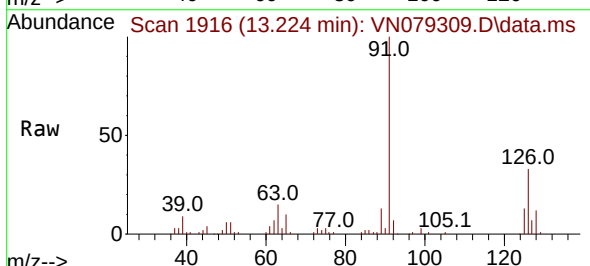
Tgt Ion: 75 Resp: 2002
Ion Ratio Lower Upper
75 100
53 98.6 67.4 101.2
89 43.1 38.8 58.2

Manual Integrations
APPROVED

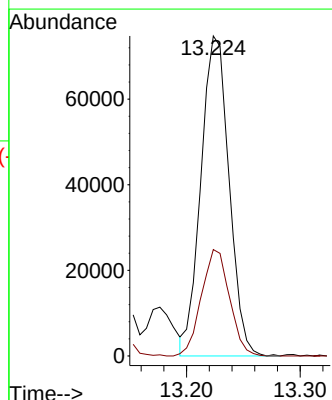
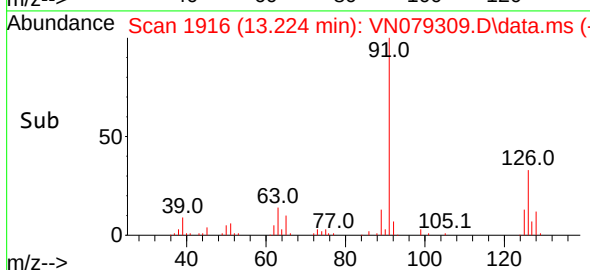
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

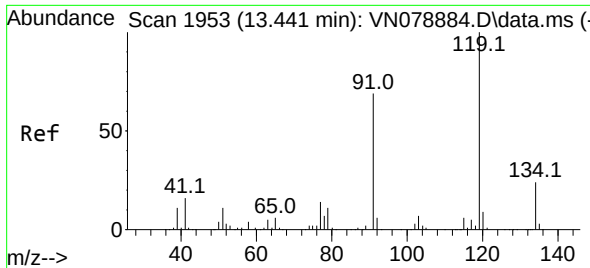


#82
4-Chlorotoluene
Concen: 17.214 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. -0.005 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04



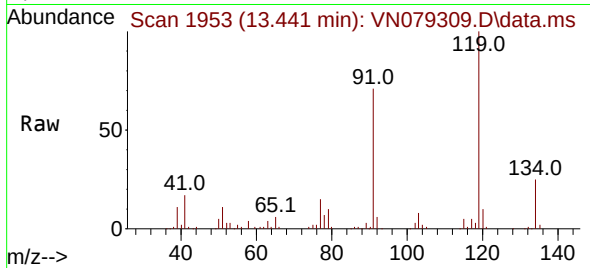
Tgt Ion: 91 Resp: 128791
Ion Ratio Lower Upper
91 100
126 33.2 16.7 50.0





#83
 tert-Butylbenzene
 Concen: 16.844 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN079309.D
 Acq: 20 Sep 2023 14:04

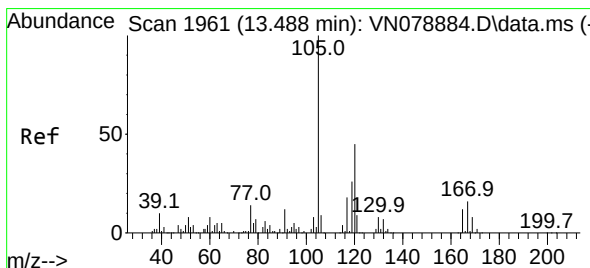
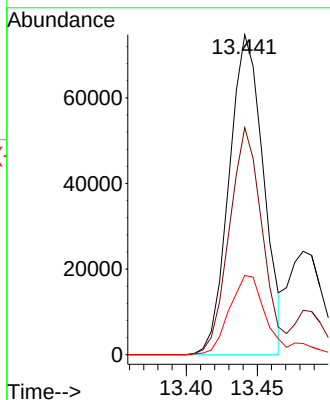
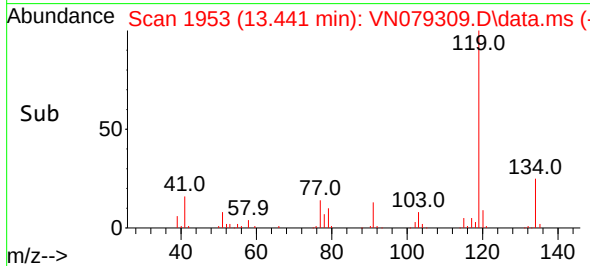
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBS01



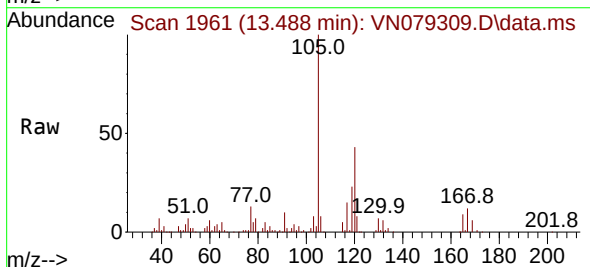
Tgt Ion:119 Resp: 125824
 Ion Ratio Lower Upper
 119 100
 91 68.7 33.9 101.7
 134 28.1 13.2 39.6

Manual Integrations
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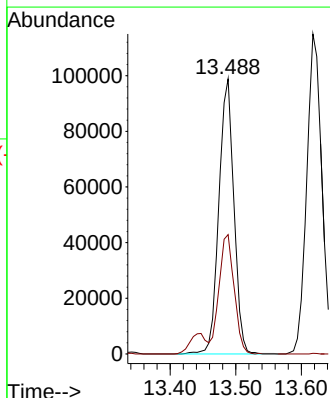
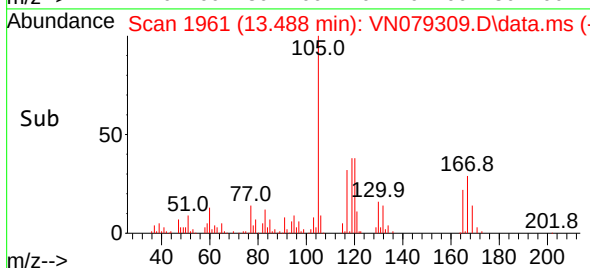
Reviewed By :John Carlone 09/21/2023
 Supervised By :Mahesh Dadoda 09/21/2023

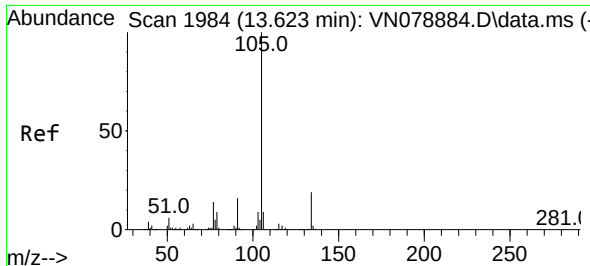


#84
 1,2,4-Trimethylbenzene
 Concen: 18.231 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN079309.D
 Acq: 20 Sep 2023 14:04



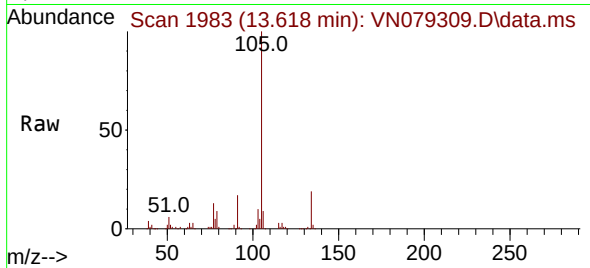
Tgt Ion:105 Resp: 156777
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 17.801 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.005 min
 Lab File: VN079309.D
 Acq: 20 Sep 2023 14:04

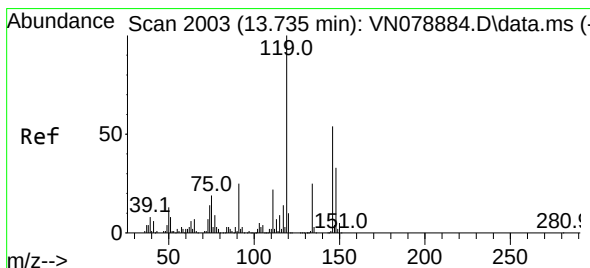
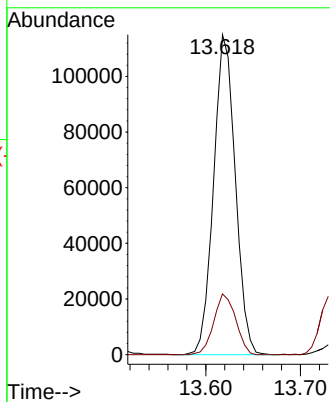
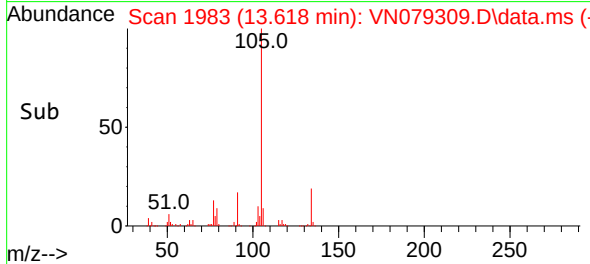
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0920WBS01



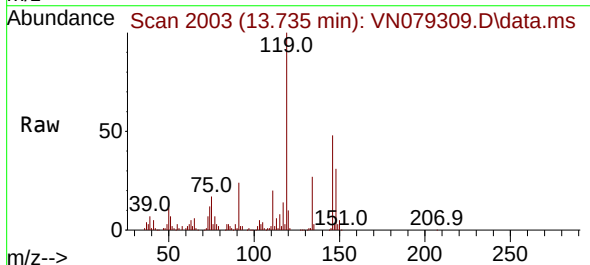
Tgt Ion:105 Resp: 18306
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3

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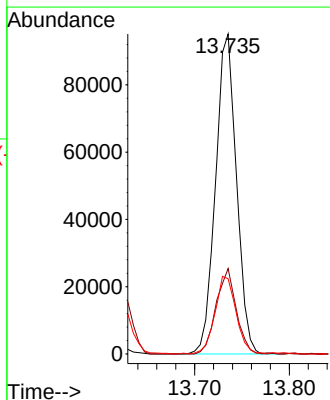
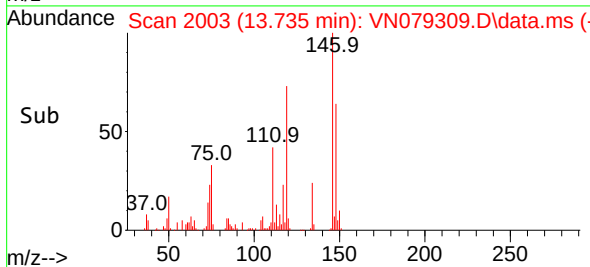
Reviewed By :John Carlone 09/21/2023
 Supervised By :Mahesh Dadoda 09/21/2023

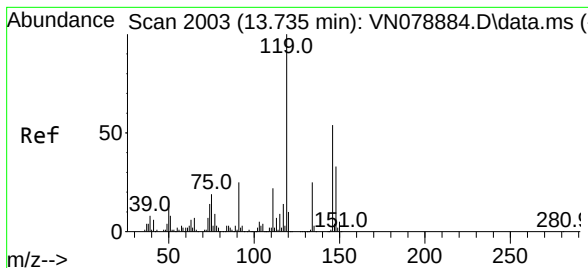


#86
 p-Isopropyltoluene
 Concen: 17.794 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079309.D
 Acq: 20 Sep 2023 14:04



Tgt Ion:119 Resp: 146195
 Ion Ratio Lower Upper
 119 100
 134 25.7 12.6 37.8
 91 24.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 16.474 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN079309.D

Acq: 20 Sep 2023 14:04

Instrument :

MSVOA_N

ClientSampleId :

VN0920WBS01

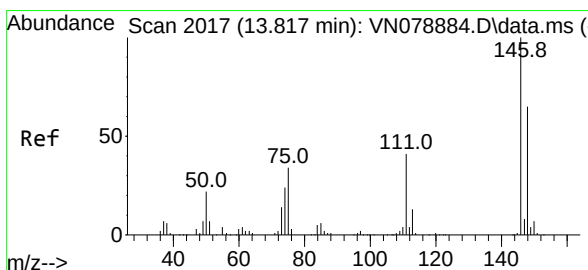
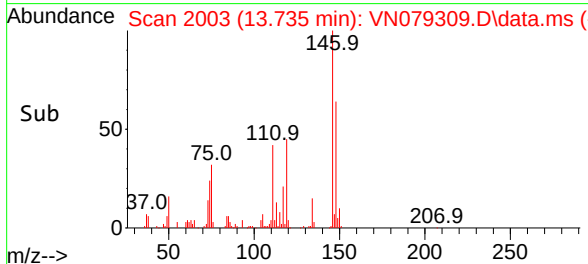
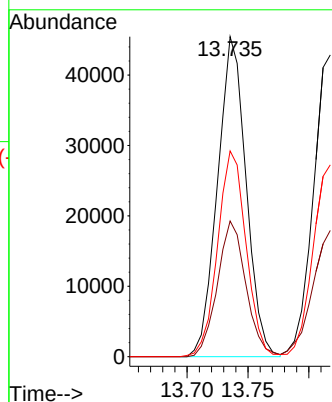
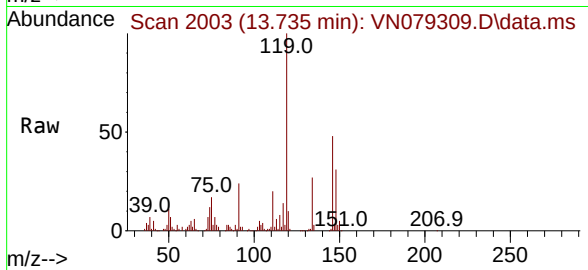
Tgt Ion:146	Resp:	74144
Ion Ratio	Lower	Upper
146	100	
111	42.4	22.1 66.3
148	64.1	32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#88

1,4-Dichlorobenzene

Concen: 16.061 ug/l

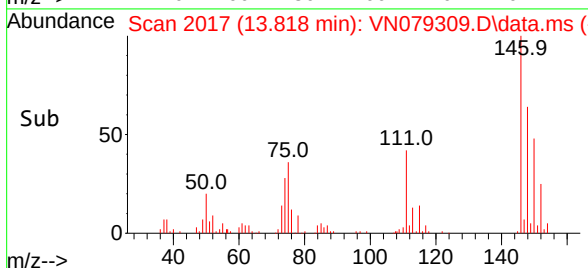
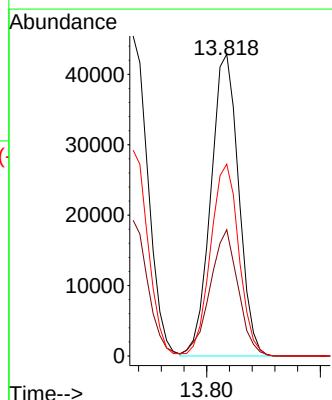
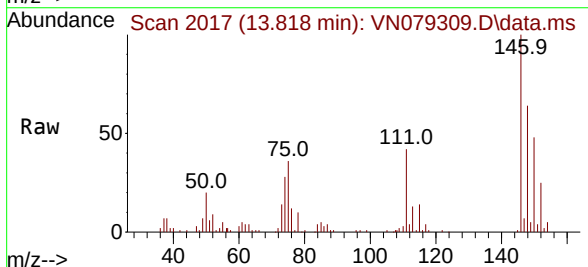
RT: 13.818 min Scan# 2017

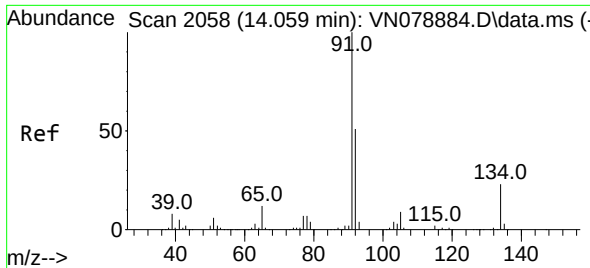
Delta R.T. -0.000 min

Lab File: VN079309.D

Acq: 20 Sep 2023 14:04

Tgt Ion:146	Resp:	73044
Ion Ratio	Lower	Upper
146	100	
111	42.3	20.6 61.8
148	64.6	31.6 94.8





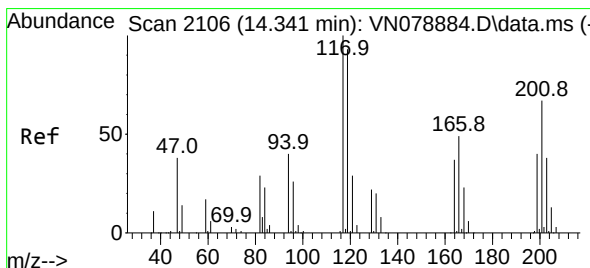
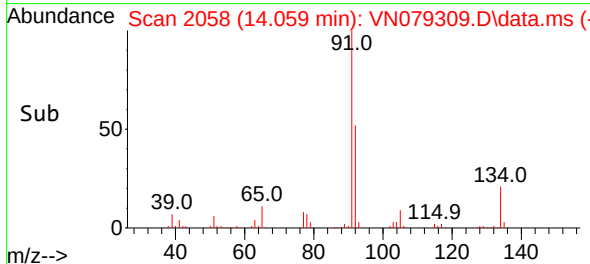
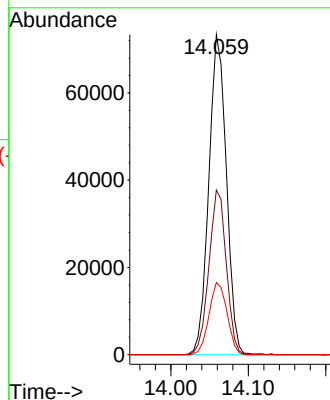
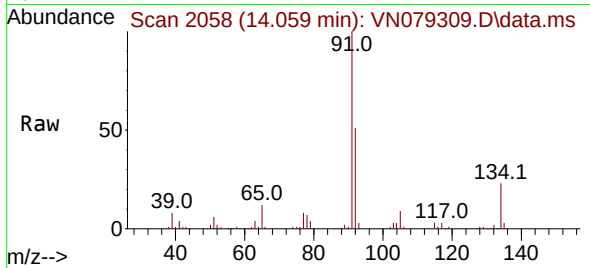
#89
n-Butylbenzene
Concen: 17.868 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01

Tgt Ion: 91 Resp: 11544
Ion Ratio Lower Upper
91 100
92 50.8 26.4 79.0
134 23.1 12.6 37.6

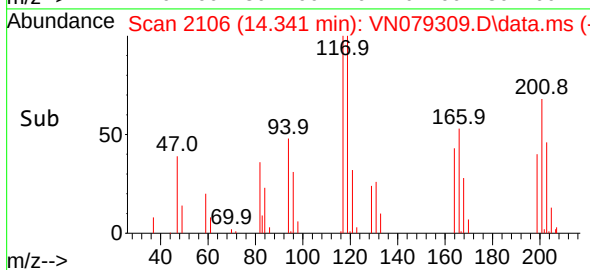
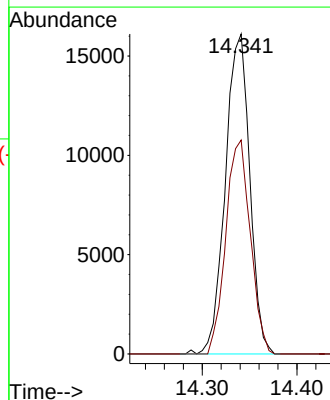
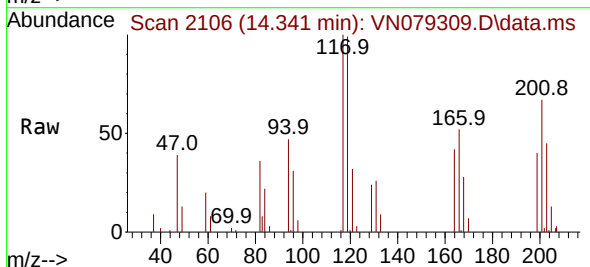
Manual Integrations
APPROVED

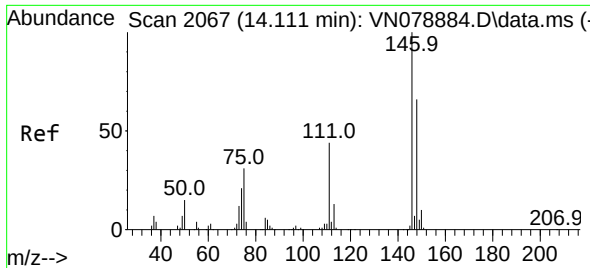
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#90
Hexachloroethane
Concen: 17.280 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

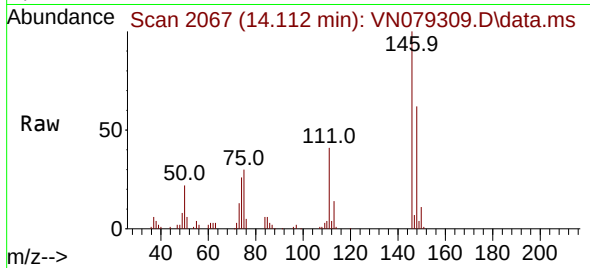
Tgt Ion:117 Resp: 28831
Ion Ratio Lower Upper
117 100
201 67.1 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 16.546 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

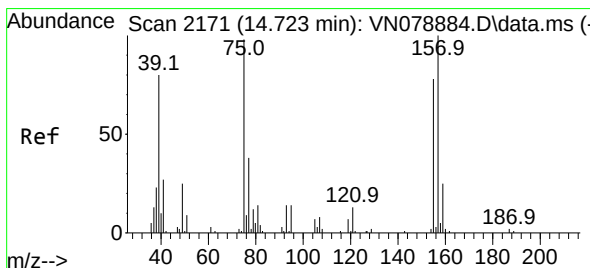
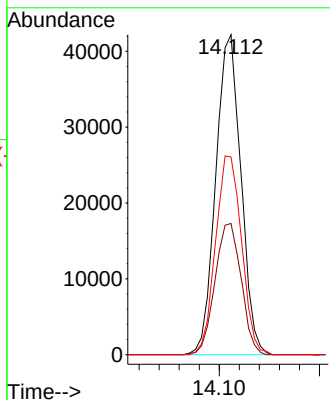
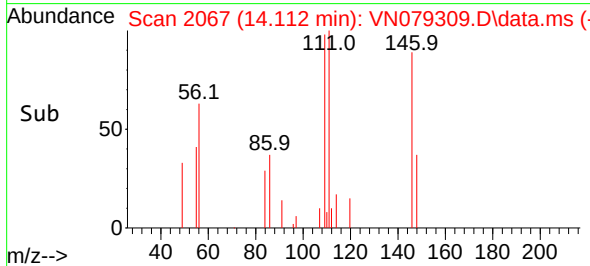
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01



Tgt Ion:146 Resp: 73514
Ion Ratio Lower Upper
146 100
111 42.7 22.0 66.0
148 64.3 31.8 95.3

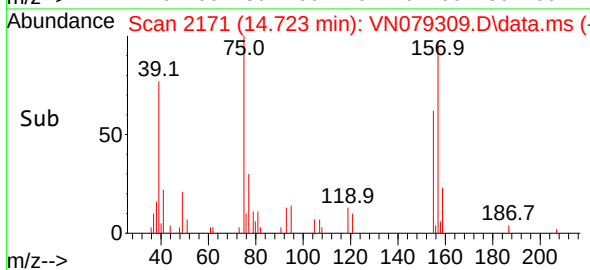
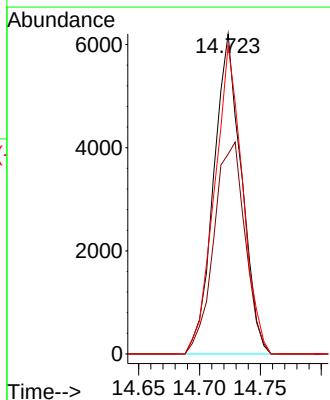
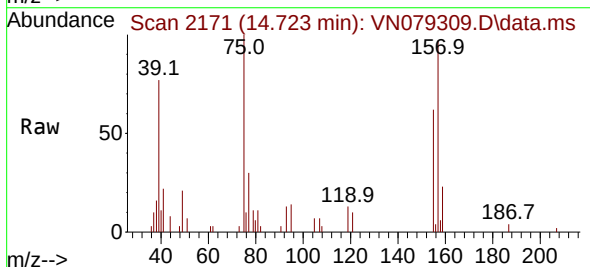
Manual Integrations
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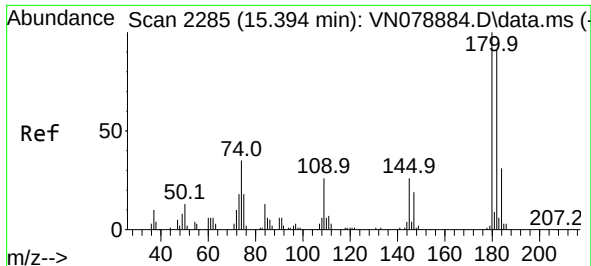
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.078 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

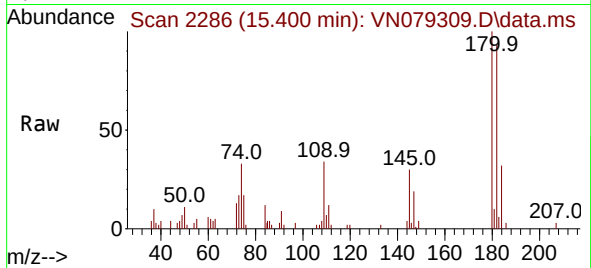
Tgt Ion: 75 Resp: 9863
Ion Ratio Lower Upper
75 100
155 74.3 39.1 117.2
157 97.0 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 13.193 ug/l
RT: 15.400 min Scan# 2106
Delta R.T. -0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

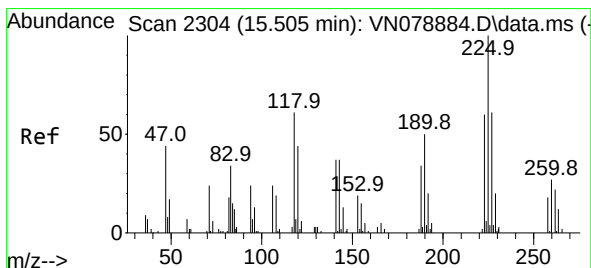
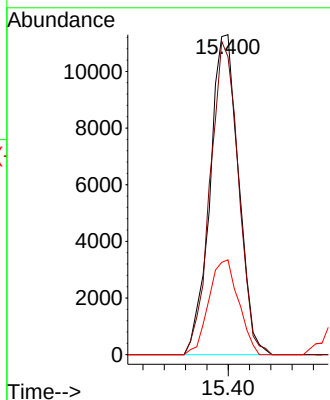
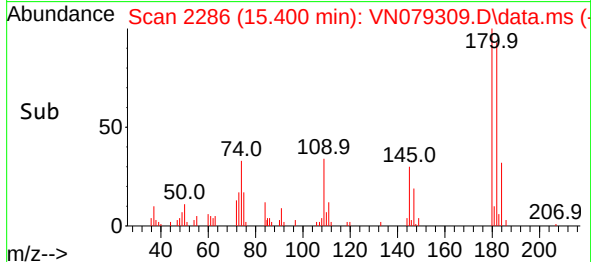
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01



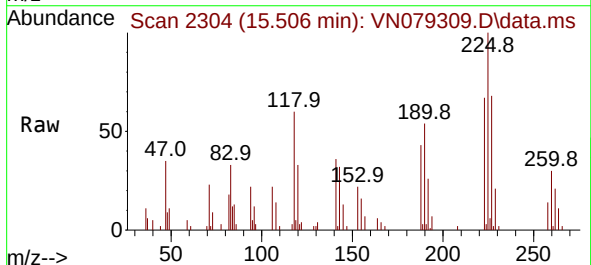
Tgt Ion:180 Resp: 2106
Ion Ratio Lower Upper
180 100
182 96.5 46.1 138.2
145 30.7 16.6 49.8

Manual Integrations
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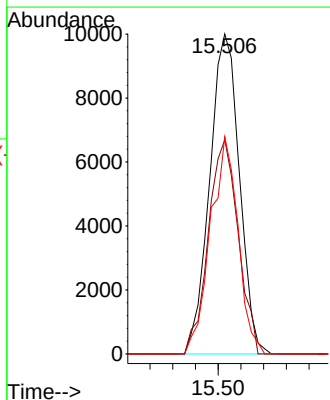
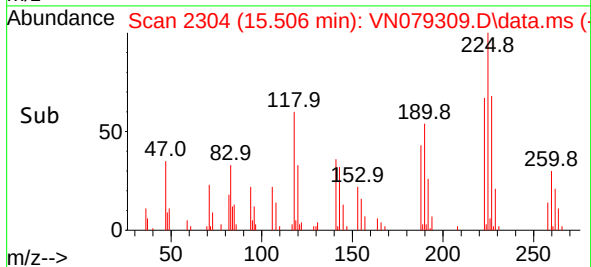
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

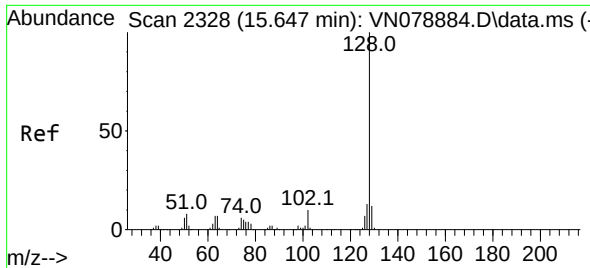


#94
Hexachlorobutadiene
Concen: 14.455 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04



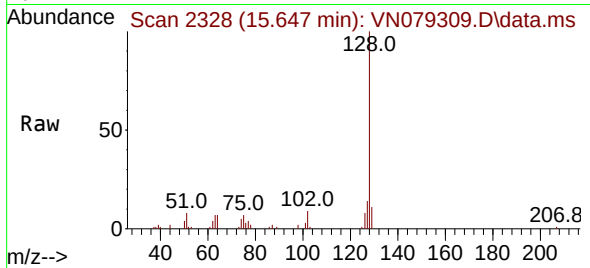
Tgt Ion:225 Resp: 18156
Ion Ratio Lower Upper
225 100
223 67.2 31.3 93.8
227 62.9 31.9 95.9





#95
Naphthalene
Concen: 10.833 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

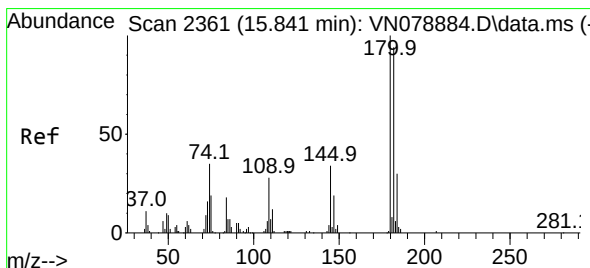
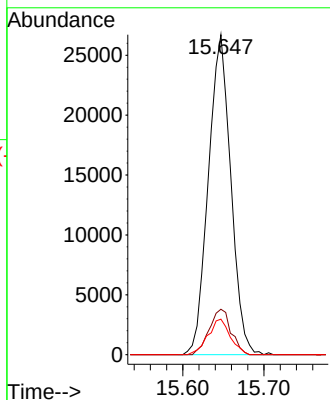
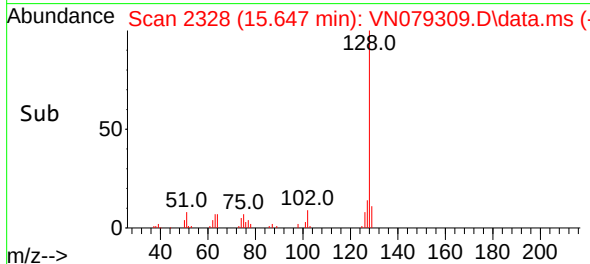
Instrument :
MSVOA_N
ClientSampleId :
VN0920WBS01



Tgt Ion:128 Resp: 5137
Ion Ratio Lower Upper
128 100
127 13.8 10.0 15.0
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 12.917 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN079309.D
Acq: 20 Sep 2023 14:04

Tgt Ion:180 Resp: 24328
Ion Ratio Lower Upper
180 100
182 96.3 46.2 138.6
145 32.5 17.5 52.6

