

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
 Data File : VN078070.D
 Acq On : 06 Jun 2023 15:02
 Operator : JC\MD
 Sample : VN0606WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/07/2023
 Supervised By : Mahesh Dadoda 06/07/2023

Quant Time: Jun 07 01:21:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	392007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	688302	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	585234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	230024	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	251201	42.827	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.660%		
35) Dibromofluoromethane	8.171	113	219983	49.012	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.020%		
50) Toluene-d8	10.571	98	782817	45.313	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.620%		
62) 4-Bromofluorobenzene	12.853	95	260641	42.717	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	85.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	67147	15.051	ug/l	98
3) Chloromethane	2.371	50	82678	16.271	ug/l	98
4) Vinyl Chloride	2.518	62	107315	19.079	ug/l	98
5) Bromomethane	2.959	94	79804	19.184	ug/l	91
6) Chloroethane	3.124	64	74831	18.460	ug/l	98
7) Trichlorofluoromethane	3.501	101	150793	19.237	ug/l	97
8) Diethyl Ether	3.971	74	57628	20.138	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.383	101	84245	19.420	ug/l	95
10) Methyl Iodide	4.601	142	113922	22.020	ug/l	94
11) Tert butyl alcohol	5.530	59	76232	94.173	ug/l #	85
12) 1,1-Dichloroethene	4.353	96	81361	19.733	ug/l	93
13) Acrolein	4.201	56	55986	93.146	ug/l	95
14) Allyl chloride	5.036	41	116852	19.292	ug/l	94
15) Acrylonitrile	5.730	53	214878	99.359	ug/l	99
16) Acetone	4.436	43	167735	90.896	ug/l	90
17) Carbon Disulfide	4.724	76	158414	14.260	ug/l	99
18) Methyl Acetate	5.036	43	156279	20.187	ug/l	90
19) Methyl tert-butyl Ether	5.800	73	304945	20.434	ug/l	99
20) Methylene Chloride	5.283	84	101812	20.012	ug/l	90
21) trans-1,2-Dichloroethene	5.795	96	89278	19.277	ug/l	90
22) Diisopropyl ether	6.683	45	282058	19.867	ug/l #	94
23) Vinyl Acetate	6.612	43	811360	92.240	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	176343	20.275	ug/l	98
25) 2-Butanone	7.494	43	270541	93.721	ug/l	90
26) 2,2-Dichloropropane	7.500	77	141056	19.089	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	115332	20.768	ug/l	97
28) Bromochloromethane	7.824	49	75053	19.952	ug/l	98
29) Tetrahydrofuran	7.847	42	166694	88.190	ug/l	88
30) Chloroform	7.971	83	189802	19.837	ug/l	92
31) Cyclohexane	8.265	56	128751	16.151	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	168316	20.692	ug/l	99
36) 1,1-Dichloropropene	8.377	75	135016	20.566	ug/l	98
37) Ethyl Acetate	7.571	43	105733	18.070	ug/l	97
38) Carbon Tetrachloride	8.371	117	143191	21.600	ug/l	97
39) Methylcyclohexane	9.600	83	128961	16.046	ug/l	90
40) Benzene	8.612	78	412653	21.301	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	60855	19.529	ug/l	93
42) 1,2-Dichloroethane	8.683	62	145310	20.649	ug/l	97
43) Isopropyl Acetate	8.694	43	208179	21.782	ug/l #	93
44) Trichloroethene	9.359	130	110255	22.476	ug/l	98
45) 1,2-Dichloropropane	9.630	63	106787	21.610	ug/l	97
46) Dibromomethane	9.712	93	75581	21.375	ug/l	91
47) Bromodichloromethane	9.894	83	148258	21.901	ug/l	97
48) Methyl methacrylate	9.688	41	92655	20.447	ug/l	89
49) 1,4-Dioxane	9.706	88	35084	409.924	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	601149	105.815	ug/l	95
52) Toluene	10.635	92	262952	21.803	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	155326	21.667	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	164882	20.871	ug/l #	86
55) 1,1,2-Trichloroethane	11.024	97	113574	23.717	ug/l	96
56) Ethyl methacrylate	10.882	69	157506	21.753	ug/l #	91
57) 1,3-Dichloropropane	11.171	76	181695	22.132	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	322572	90.557	ug/l	94
59) 2-Hexanone	11.200	43	419834	99.910	ug/l	94
60) Dibromochloromethane	11.365	129	113293	22.917	ug/l	99
61) 1,2-Dibromoethane	11.477	107	111768	23.395	ug/l	96
64) Tetrachloroethene	11.112	164	84721	20.701	ug/l	96
65) Chlorobenzene	11.894	112	287353	22.649	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	113919	25.950	ug/l	99
67) Ethyl Benzene	11.971	91	495825	21.808	ug/l	97
68) m/p-Xylenes	12.076	106	380122	44.124	ug/l	100
69) o-Xylene	12.406	106	197451	23.306	ug/l	97
70) Styrene	12.418	104	317786	23.612	ug/l	97
71) Bromoform	12.582	173	69874	23.927	ug/l #	100
73) Isopropylbenzene	12.700	105	494794	24.954	ug/l	99
74) N-amyl acetate	12.500	43	157528	21.494	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	153774	25.209	ug/l #	97
76) 1,2,3-Trichloropropane	12.994	75	121660m	21.119	ug/l	
77) Bromobenzene	12.988	156	112934	24.958	ug/l	98
78) n-propylbenzene	13.041	91	532055	22.761	ug/l	87
79) 2-Chlorotoluene	13.129	91	331176	23.742	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	386112	23.169	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	35869	19.903	ug/l #	80
82) 4-Chlorotoluene	13.229	91	296479	21.362	ug/l	95
83) tert-Butylbenzene	13.447	119	334777	23.012	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	407838	24.884	ug/l	98
85) sec-Butylbenzene	13.623	105	494852	23.934	ug/l	98
86) p-Isopropyltoluene	13.735	119	386333	23.438	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	197737	23.630	ug/l	93
88) 1,4-Dichlorobenzene	13.818	146	170389	20.519	ug/l	96
89) n-Butylbenzene	14.065	91	324682	21.416	ug/l	96
90) Hexachloroethane	14.335	117	66168	24.436	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	199433	25.511	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	24661	20.882	ug/l	87
93) 1,2,4-Trichlorobenzene	15.400	180	80580	17.639	ug/l #	86
94) Hexachlorobutadiene	15.506	225	37818	19.938	ug/l	100
95) Naphthalene	15.647	128	324986	20.668	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.847	180	88405	19.765	ug/l #	81

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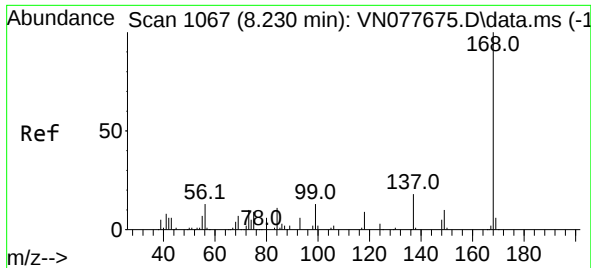
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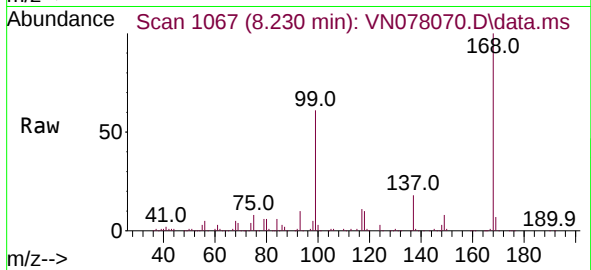
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078070.D
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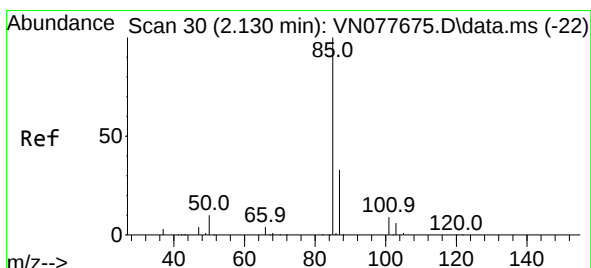
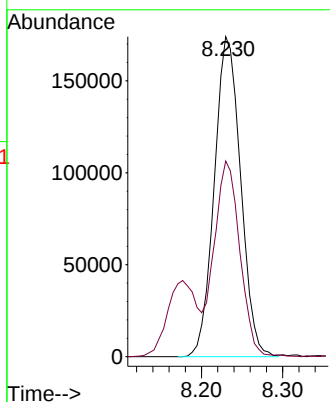
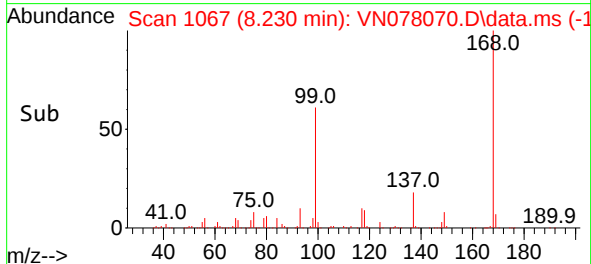
Instrument :
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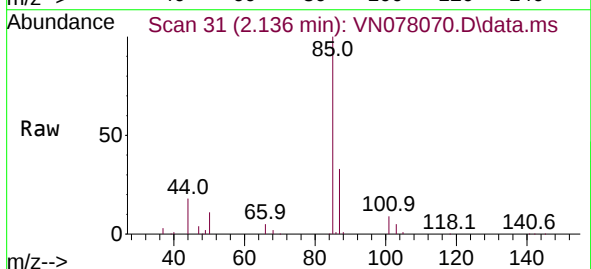
Tgt Ion:168 Resp: 39200
Ion Ratio Lower Upper
168 100
99 60.6 53.0 79.6

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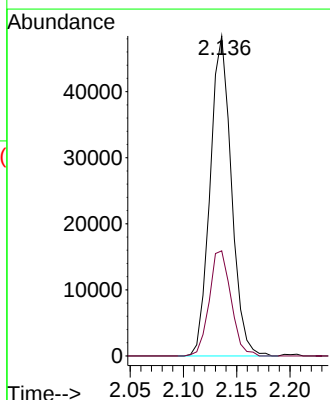
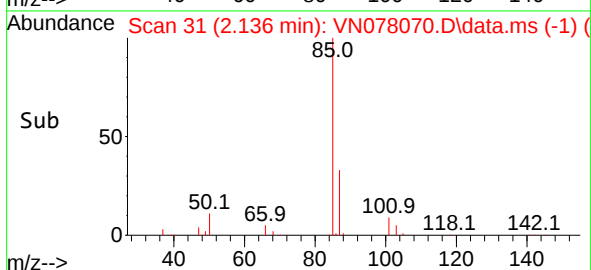
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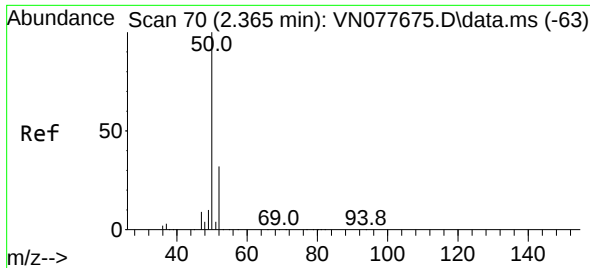


#2
Dichlorodifluoromethane
Concen: 15.051 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02



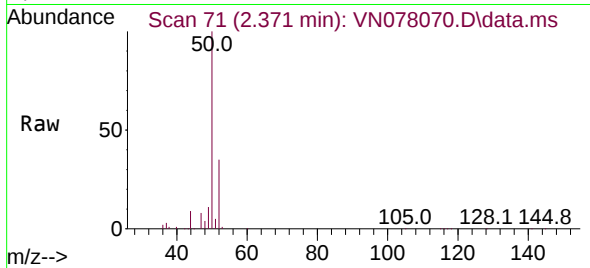
Tgt Ion: 85 Resp: 67147
Ion Ratio Lower Upper
85 100
87 32.9 15.8 47.4





#3
Chloromethane
Concen: 16.271 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

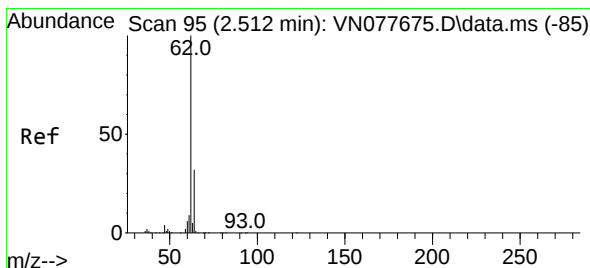
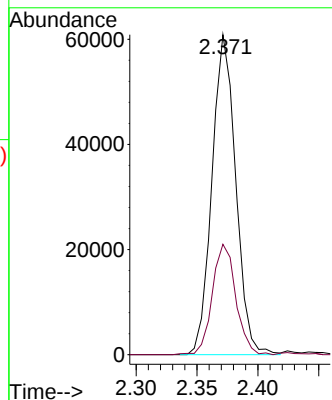
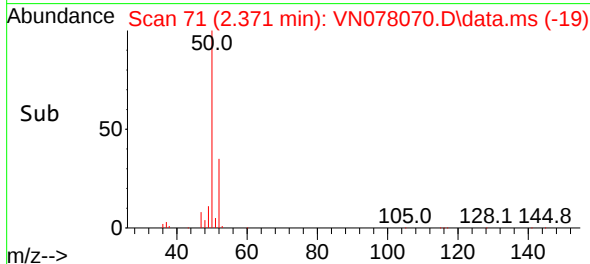
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Tgt Ion: 50 Resp: 82678
Ion Ratio Lower Upper
50 100
52 34.2 26.5 39.7

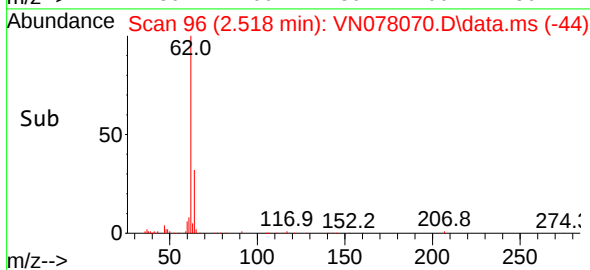
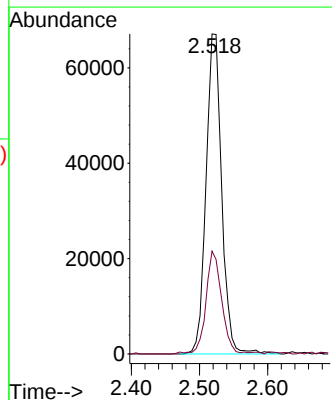
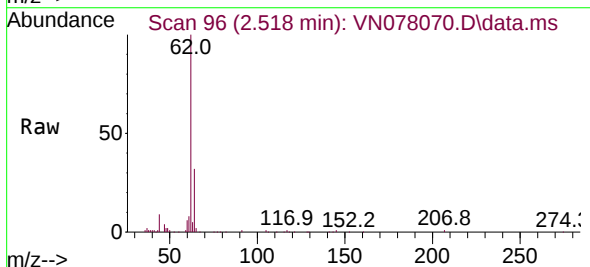
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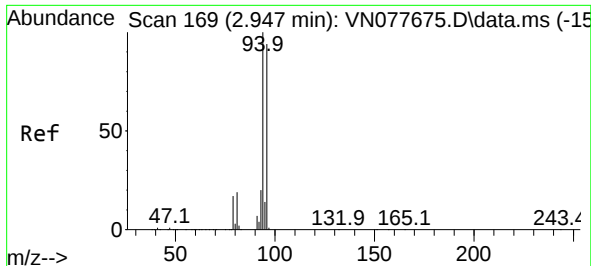
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#4
Vinyl Chloride
Concen: 19.079 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

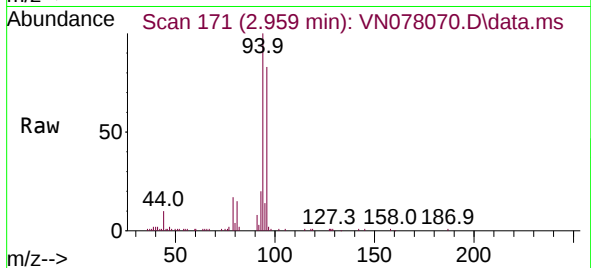
Tgt Ion: 62 Resp: 107315
Ion Ratio Lower Upper
62 100
64 31.7 26.2 39.2





#5
Bromomethane
Concen: 19.184 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

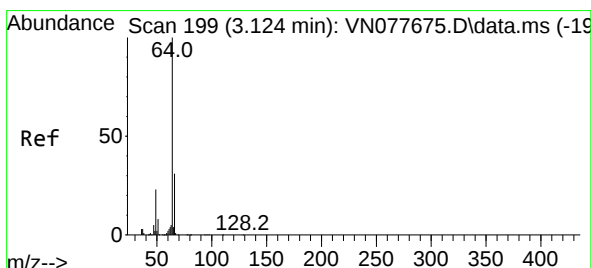
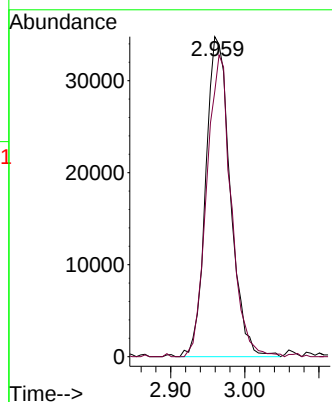
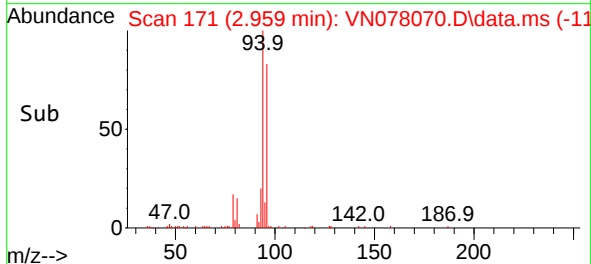
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Tgt Ion: 94 Resp: 79804
Ion Ratio Lower Upper
94 100
96 82.9 73.1 109.7

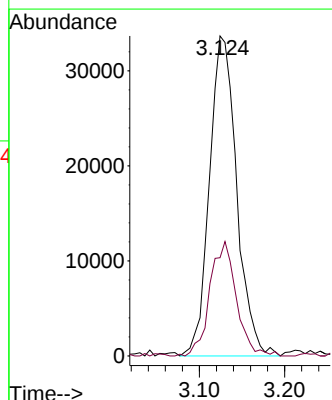
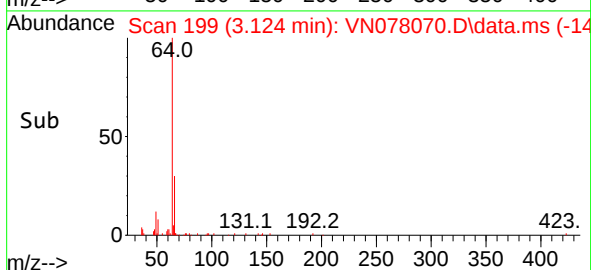
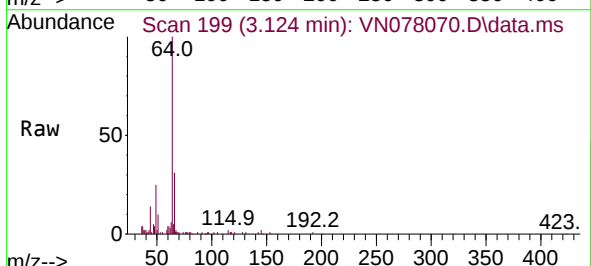
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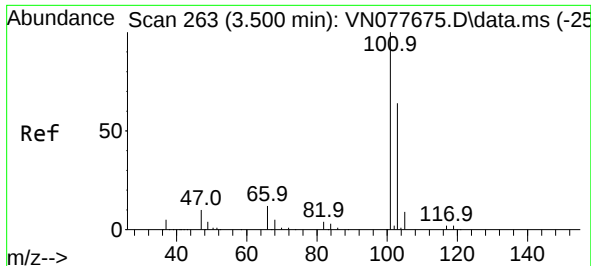
Reviewed By :John Carlone 06/07/2023
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#6
Chloroethane
Concen: 18.460 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
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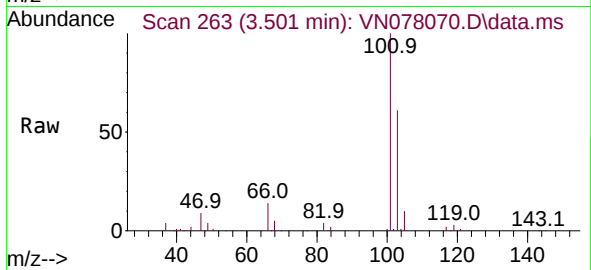
Tgt Ion: 64 Resp: 74831
Ion Ratio Lower Upper
64 100
66 30.7 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 19.237 ug/l
 RT: 3.501 min Scan# 210
 Delta R.T. 0.001 min
 Lab File: VN078070.D
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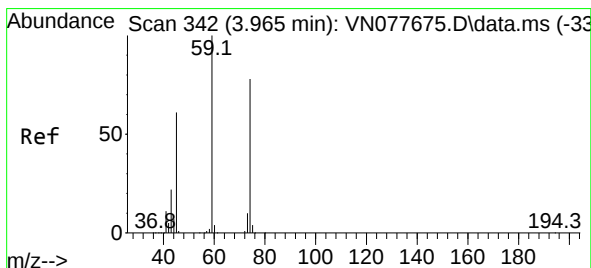
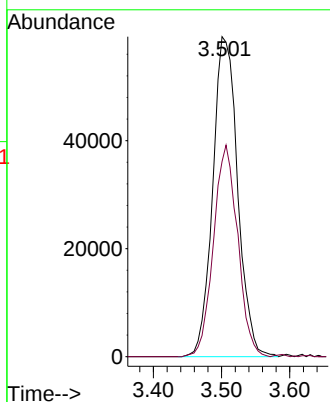
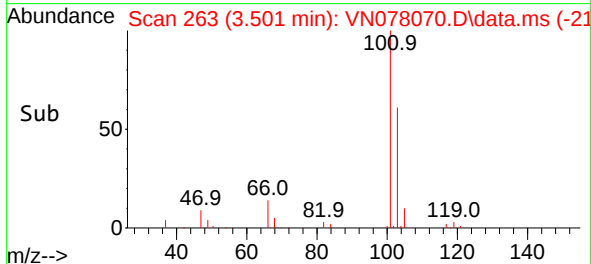
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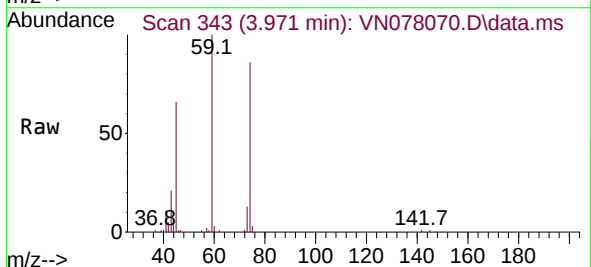
Tgt Ion:101 Resp: 150793
 Ion Ratio Lower Upper
 101 100
 103 61.0 50.7 76.1

Manual Integrations
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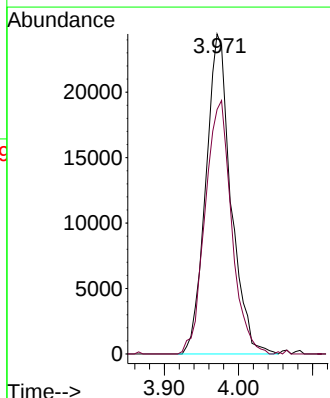
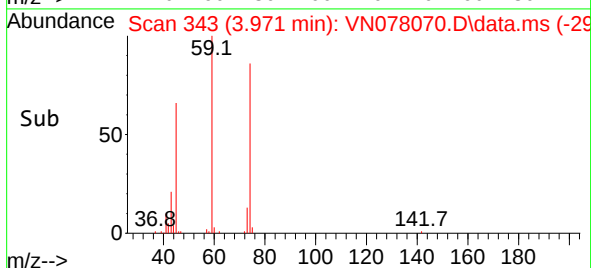
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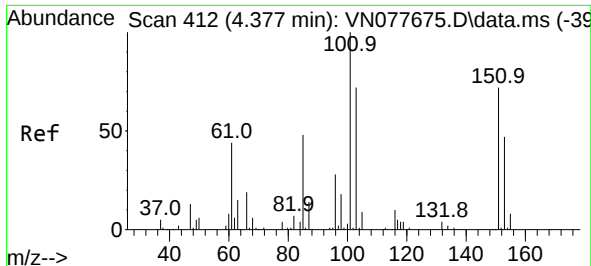


#8
 Diethyl Ether
 Concen: 20.138 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 57628
 Ion Ratio Lower Upper
 74 100
 45 83.3 34.4 103.3





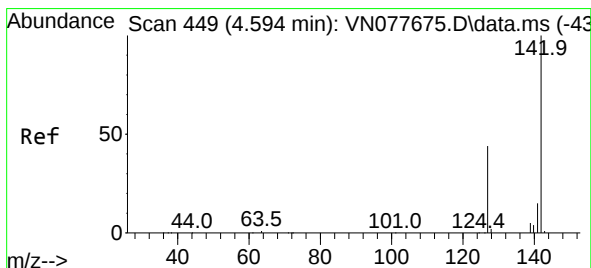
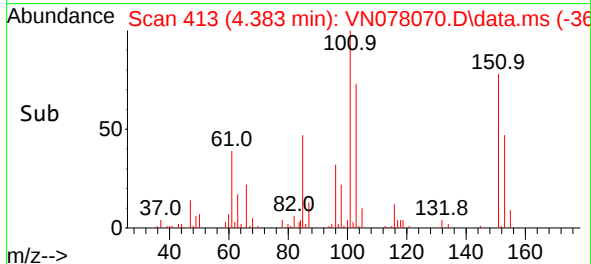
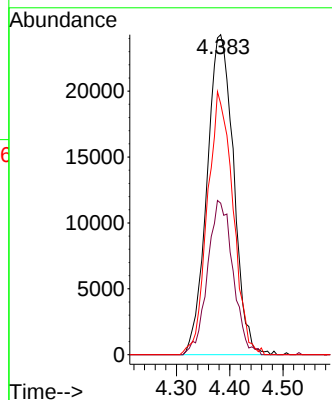
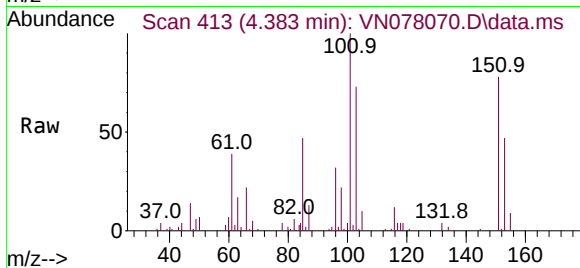
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.420 ug/l
RT: 4.383 min Scan# 412
Delta R.T. 0.006 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01

Tgt Ion:101 Resp: 8424
Ion Ratio Lower Upper
101 100
85 46.0 36.6 55.0
151 78.8 57.6 86.4

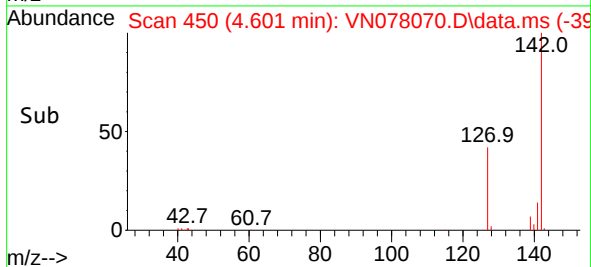
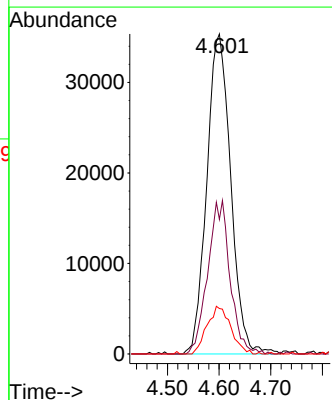
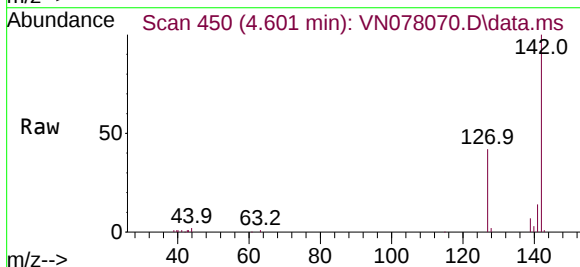
Manual Integrations
APPROVED

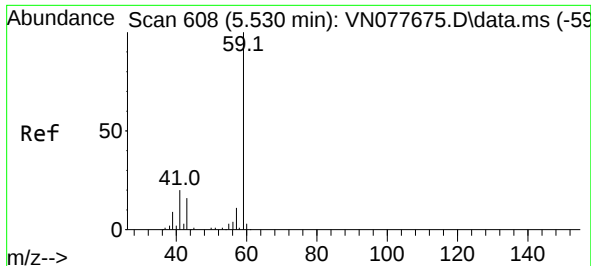
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#10
Methyl Iodide
Concen: 22.020 ug/l
RT: 4.601 min Scan# 450
Delta R.T. 0.007 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

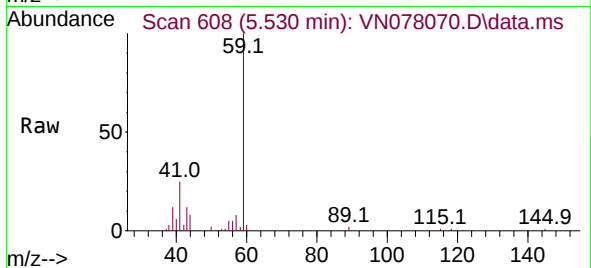
Tgt Ion:142 Resp: 113922
Ion Ratio Lower Upper
142 100
127 42.0 37.6 56.4
141 14.2 11.4 17.0





#11
Tert butyl alcohol
Concen: 94.173 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

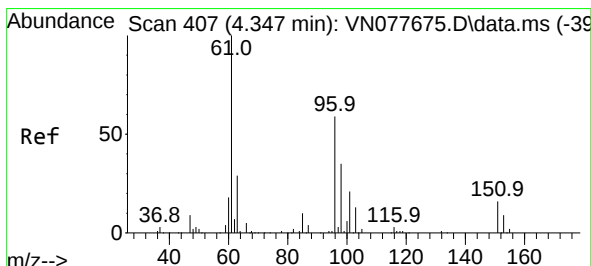
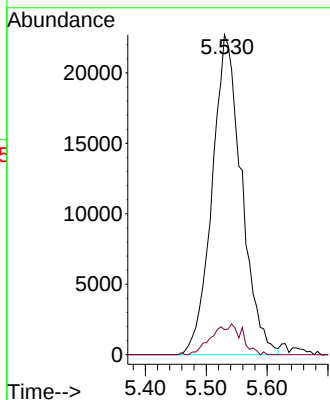
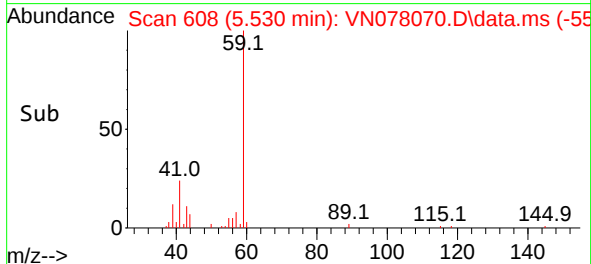
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



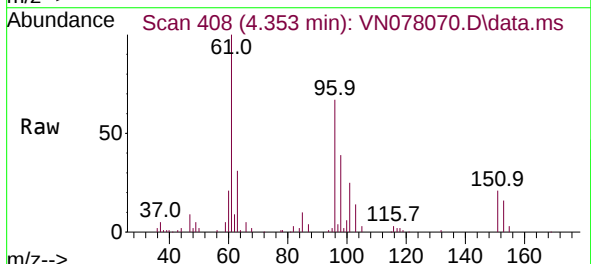
Tgt Ion: 59 Resp: 7623
Ion Ratio Lower Upper
59 100
57 4.9 8.2 12.4

Manual Integrations
APPROVED

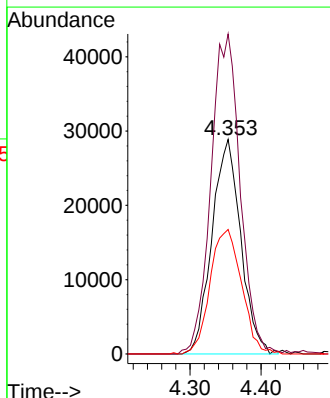
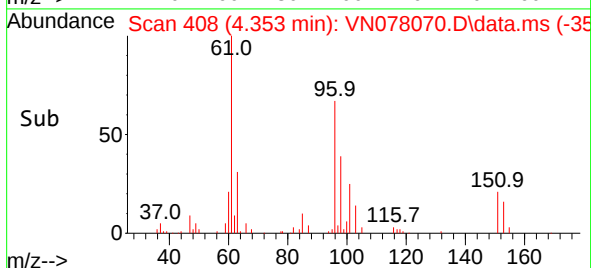
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

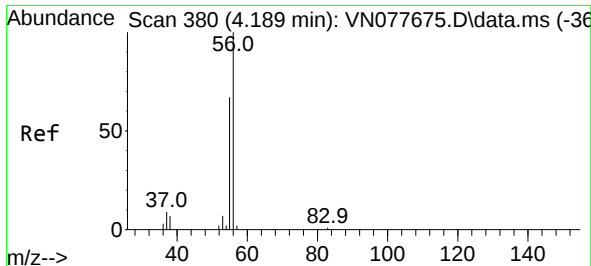


#12
1,1-Dichloroethene
Concen: 19.733 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02



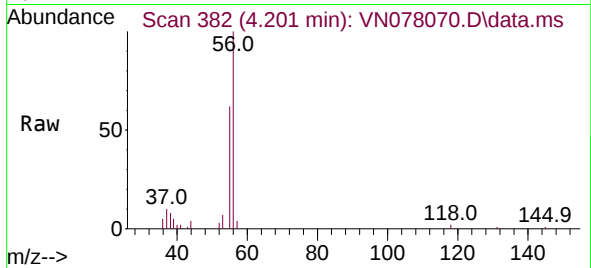
Tgt Ion: 96 Resp: 81361
Ion Ratio Lower Upper
96 100
61 149.2 112.7 169.1
98 58.0 51.2 76.8





#13
Acrolein
Concen: 93.146 ug/l
RT: 4.201 min Scan# 382
Delta R.T. 0.012 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

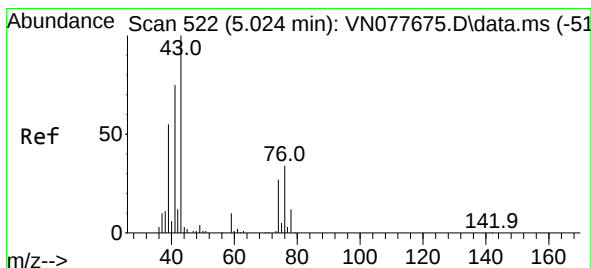
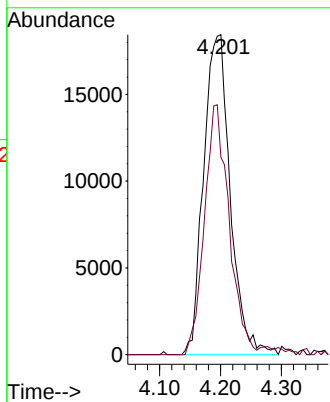
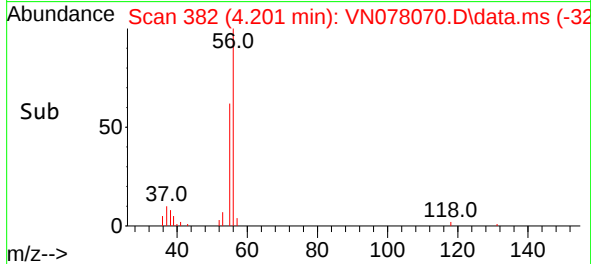
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



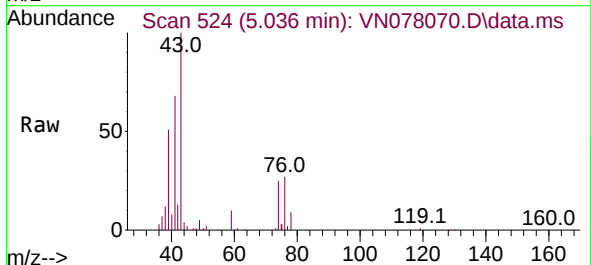
Tgt Ion: 56 Resp: 55980
Ion Ratio Lower Upper
56 100
55 72.2 54.5 81.7

Manual Integrations
APPROVED

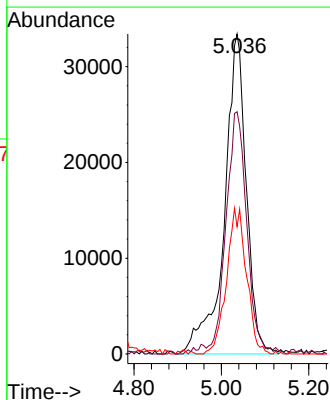
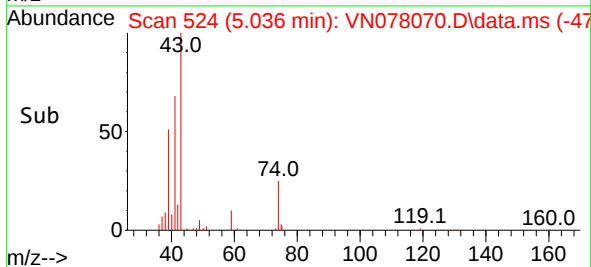
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

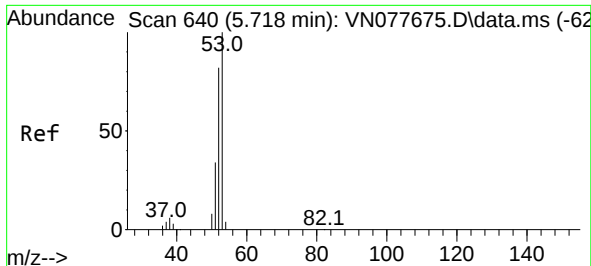


#14
Allyl chloride
Concen: 19.292 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02



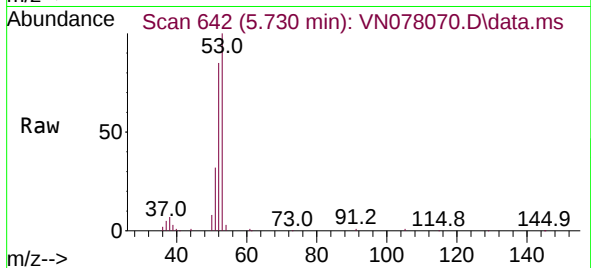
Tgt Ion: 41 Resp: 116852
Ion Ratio Lower Upper
41 100
39 71.4 58.8 88.2
76 41.4 39.1 58.7





#15
Acrylonitrile
Concen: 99.359 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

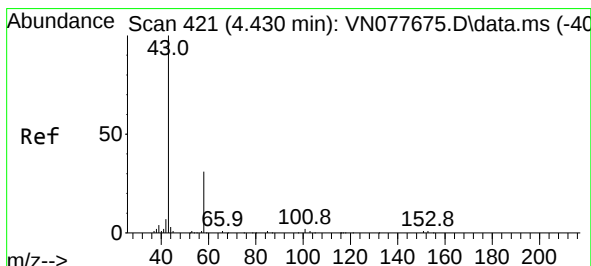
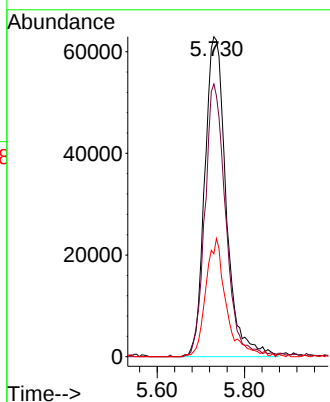
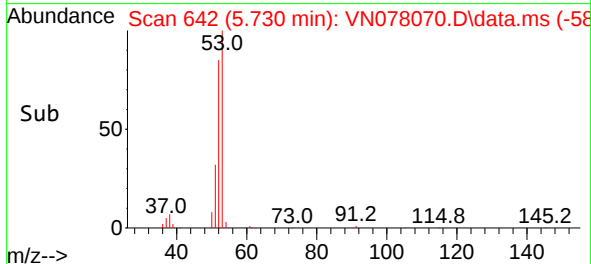
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



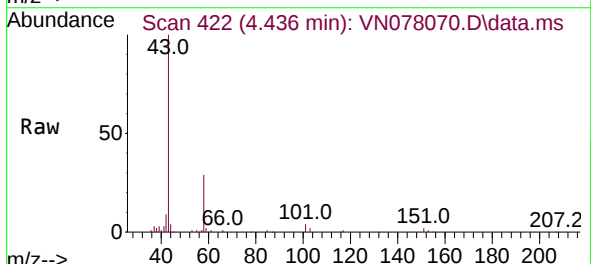
Tgt Ion: 53 Resp: 214878
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 34.8 28.9 43.3

Manual Integrations
APPROVED

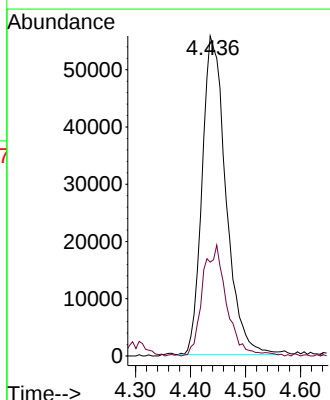
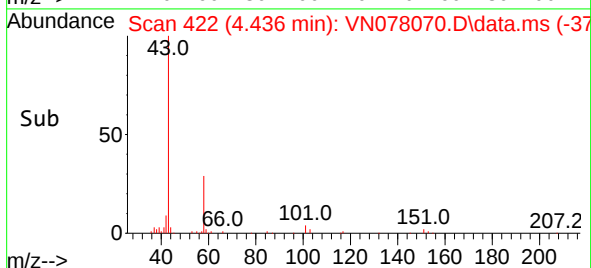
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

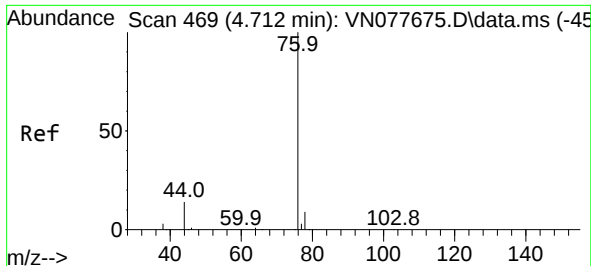


#16
Acetone
Concen: 90.896 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.006 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02



Tgt Ion: 43 Resp: 167735
Ion Ratio Lower Upper
43 100
58 29.1 28.0 42.0





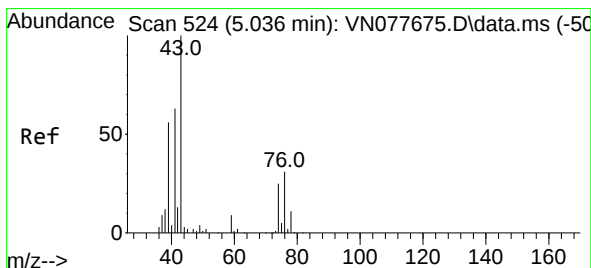
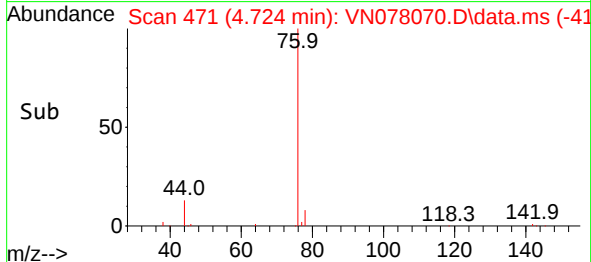
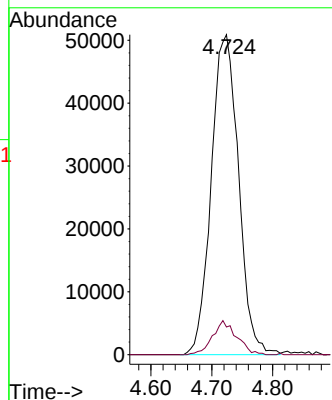
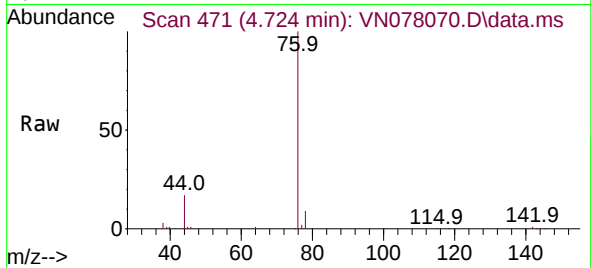
#17
Carbon Disulfide
Concen: 14.260 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01

Tgt Ion: 76 Resp: 158414
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.0

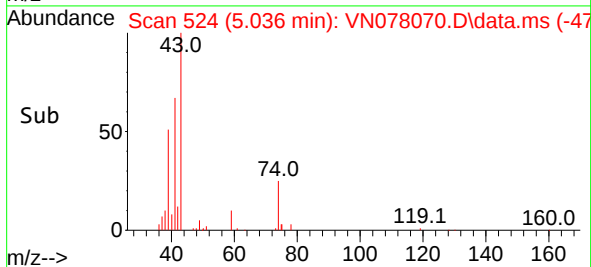
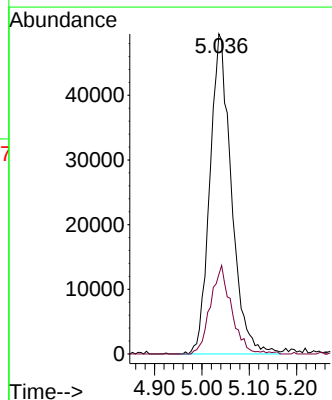
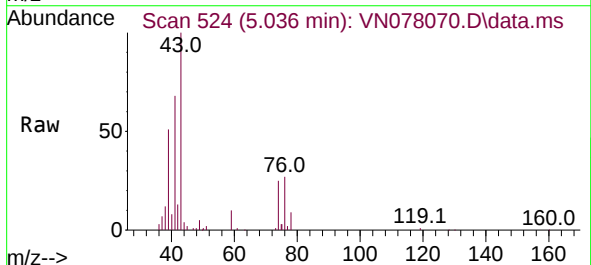
Manual Integrations
APPROVED

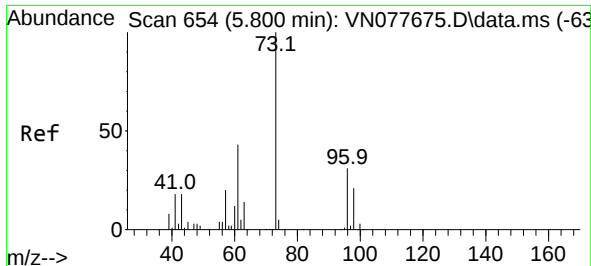
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#18
Methyl Acetate
Concen: 20.187 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

Tgt Ion: 43 Resp: 156279
Ion Ratio Lower Upper
43 100
74 27.2 26.2 39.4





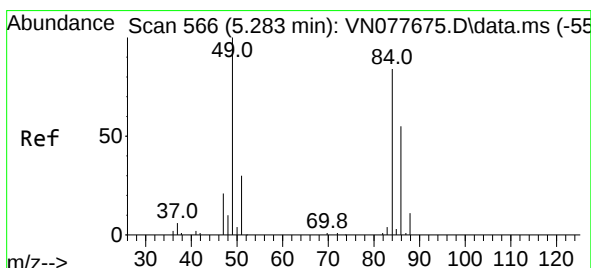
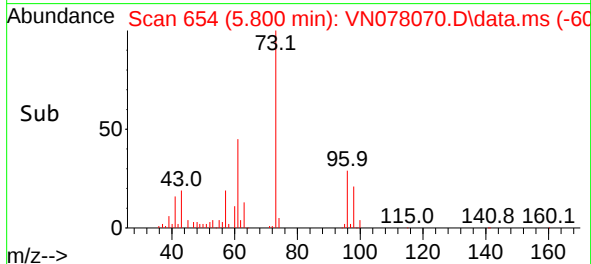
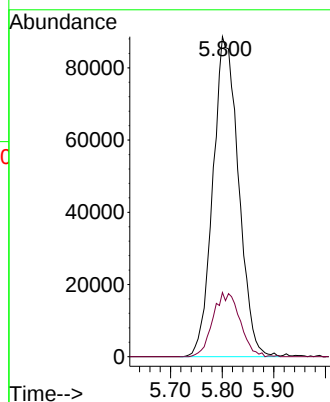
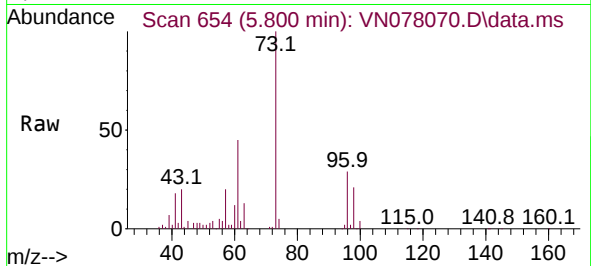
#19
Methyl tert-butyl Ether
Concen: 20.434 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01

Tgt Ion: 73 Resp: 30494
Ion Ratio Lower Upper
73 100
57 20.0 15.6 23.4

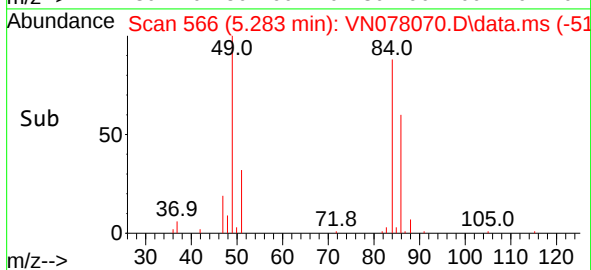
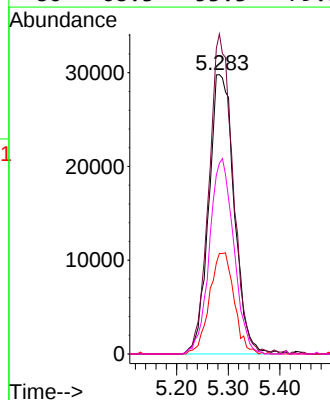
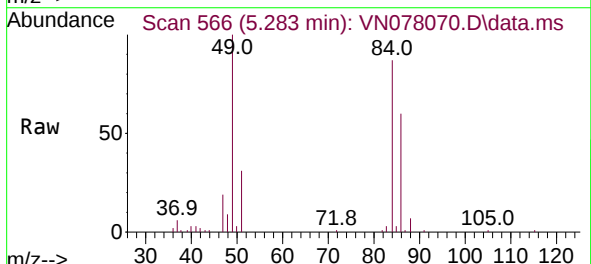
Manual Integrations
APPROVED

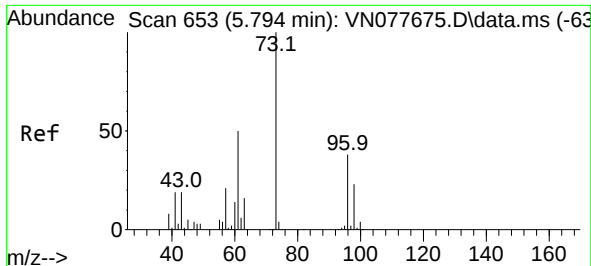
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#20
Methylene Chloride
Concen: 20.012 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

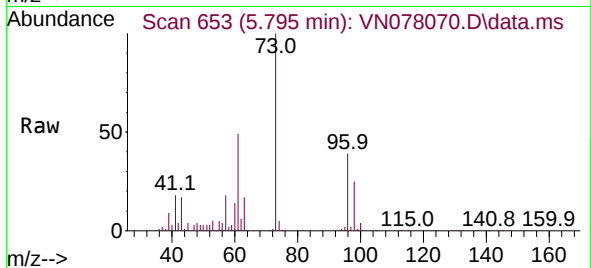
Tgt Ion: 84 Resp: 101812
Ion Ratio Lower Upper
84 100
49 114.6 79.7 119.5
51 36.0 25.2 37.8
86 68.3 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 19.277 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

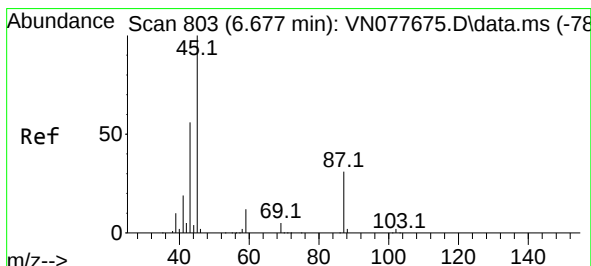
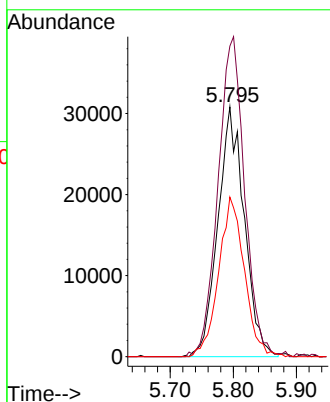
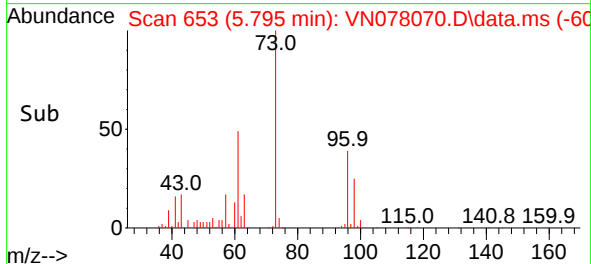
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



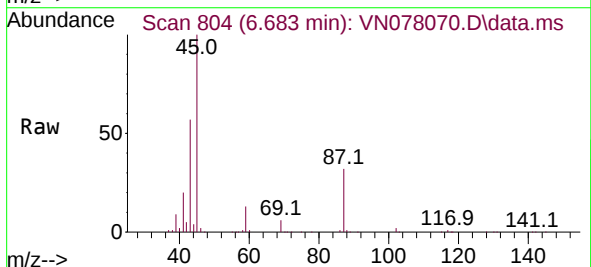
Tgt Ion: 96 Resp: 89278
Ion Ratio Lower Upper
96 100
61 124.3 90.1 135.1
98 63.9 46.4 69.6

Manual Integrations
APPROVED

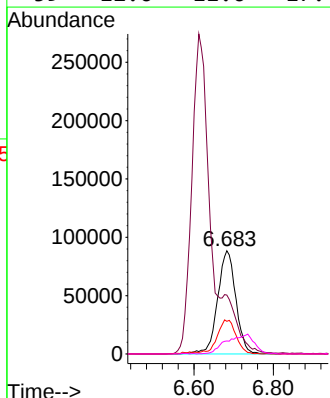
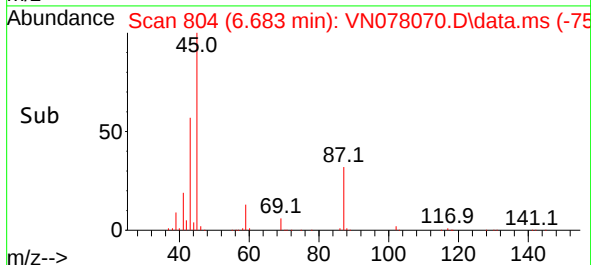
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

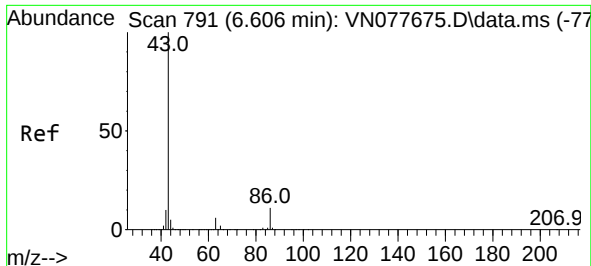


#22
Diisopropyl ether
Concen: 19.867 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02



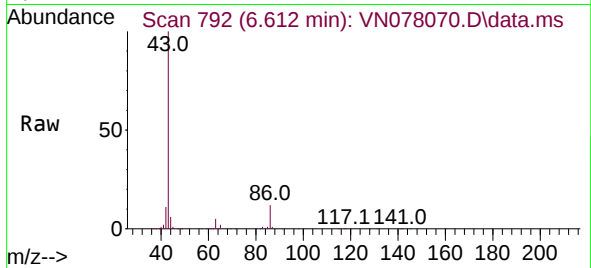
Tgt Ion: 45 Resp: 282058
Ion Ratio Lower Upper
45 100
43 56.2 45.5 68.3
87 31.7 31.8 47.8#
59 12.6 11.6 17.4





#23
 Vinyl Acetate
 Concen: 92.240 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN078070.D
 Acq: 06 Jun 2023 15:02

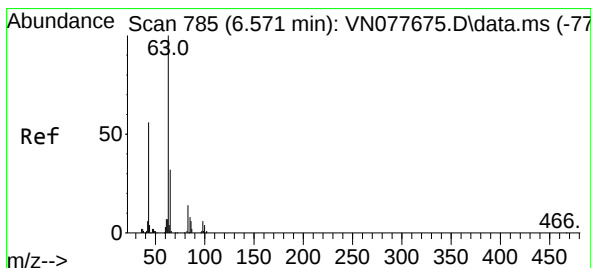
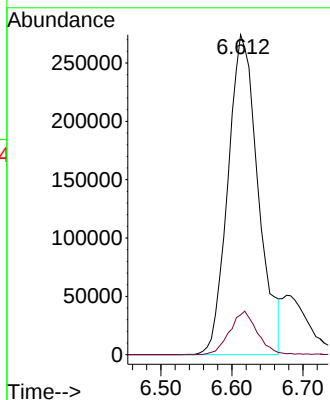
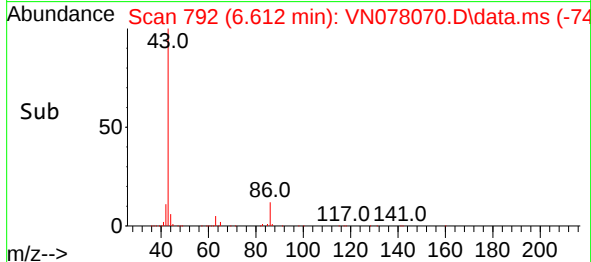
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBS01



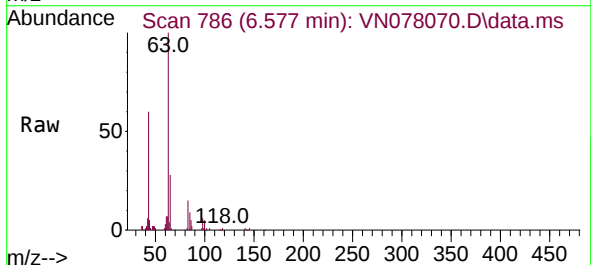
Tgt Ion: 43 Resp: 811360
 Ion Ratio Lower Upper
 43 100
 86 12.5 13.0 19.6

Manual Integrations
 APPROVED

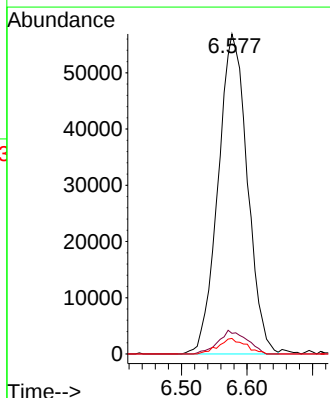
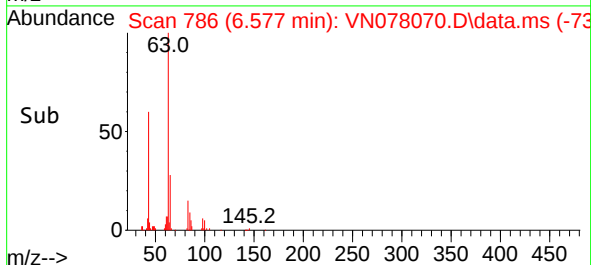
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023



#24
 1,1-Dichloroethane
 Concen: 20.275 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN078070.D
 Acq: 06 Jun 2023 15:02



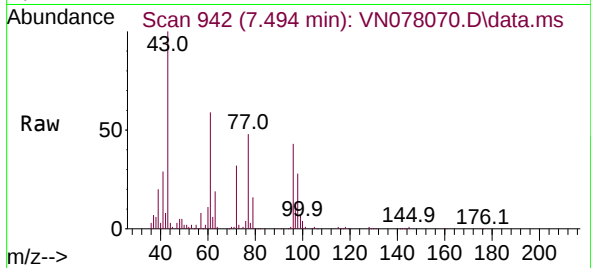
Tgt Ion: 63 Resp: 176343
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.9 11.7
 100 4.9 2.5 7.4





#25
2-Butanone
Concen: 93.721 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

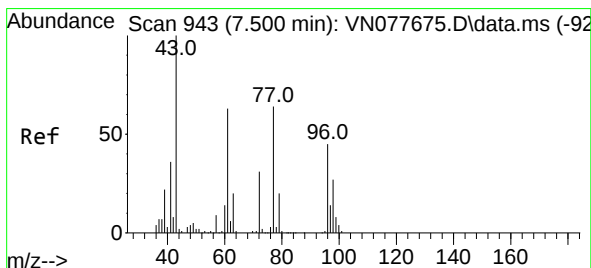
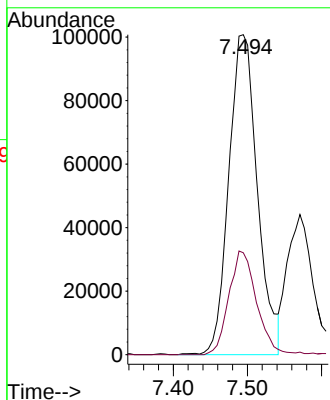
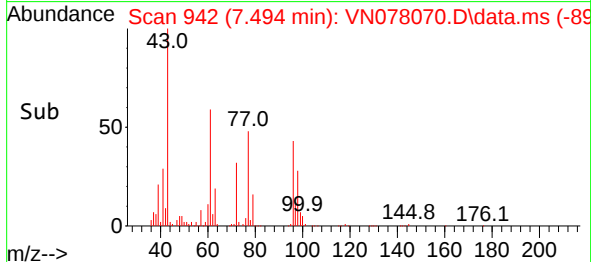
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



Tgt Ion: 43 Resp: 27054
Ion Ratio Lower Upper
43 100
72 31.8 30.2 45.2

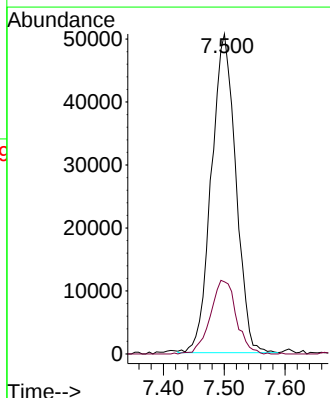
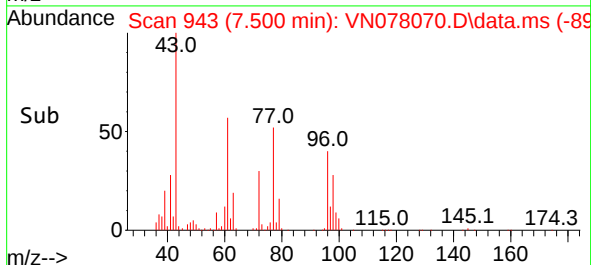
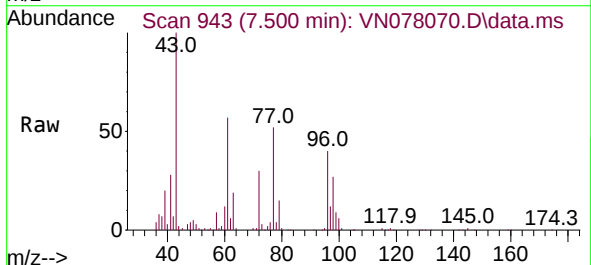
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#26
2,2-Dichloropropane
Concen: 19.089 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

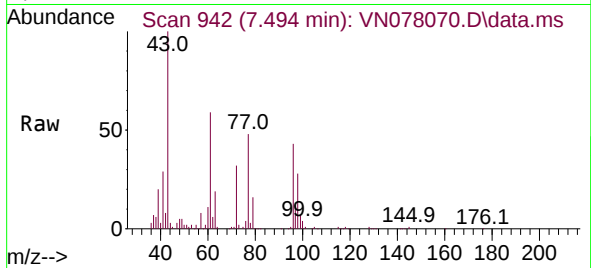
Tgt Ion: 77 Resp: 141056
Ion Ratio Lower Upper
77 100
97 24.5 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 20.768 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

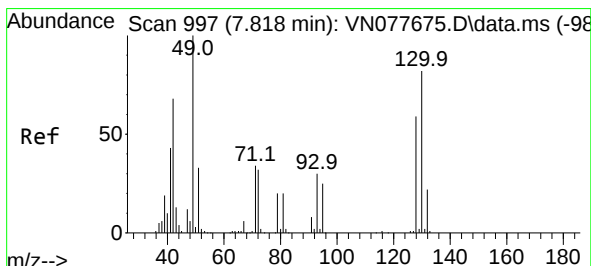
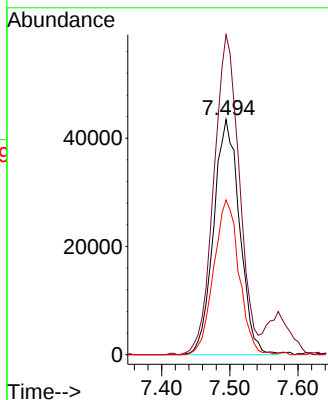
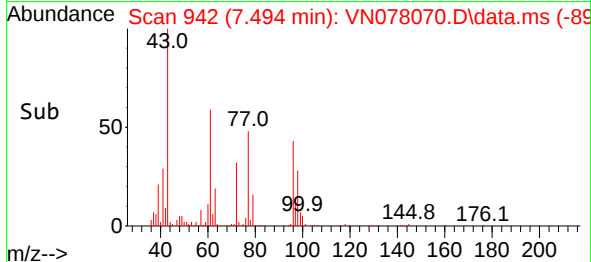
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



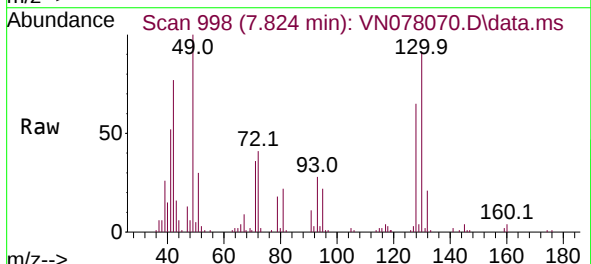
Tgt Ion: 96 Resp: 11533
Ion Ratio Lower Upper
96 100
61 133.3 0.0 255.2
98 64.1 0.0 128.8

Manual Integrations
APPROVED

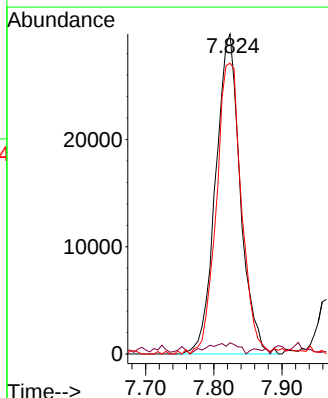
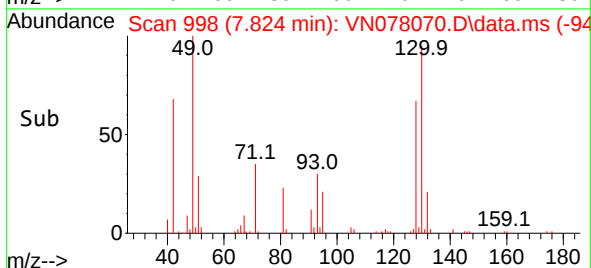
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

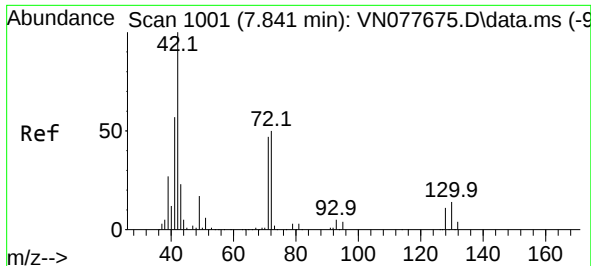


#28
Bromochloromethane
Concen: 19.952 ug/l
RT: 7.824 min Scan# 998
Delta R.T. 0.006 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02



Tgt Ion: 49 Resp: 75053
Ion Ratio Lower Upper
49 100
129 2.7 0.0 4.8
130 92.6 75.3 112.9





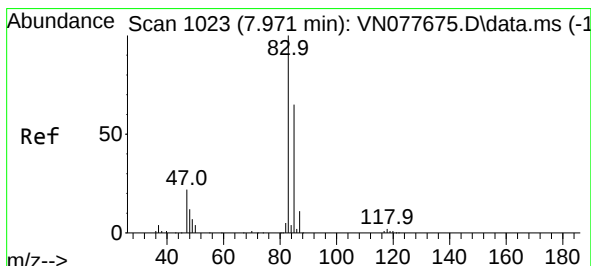
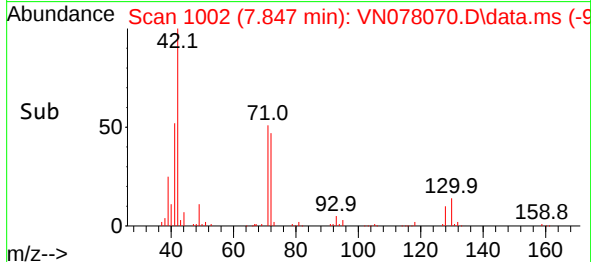
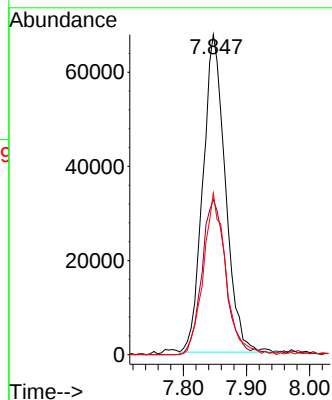
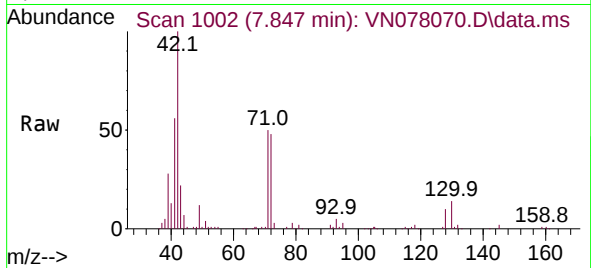
#29
Tetrahydrofuran
Concen: 88.190 ug/l
RT: 7.847 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01

Tgt Ion: 42 Resp: 166694
Ion Ratio Lower Upper
42 100
72 52.6 49.8 74.6
71 50.4 47.4 71.2

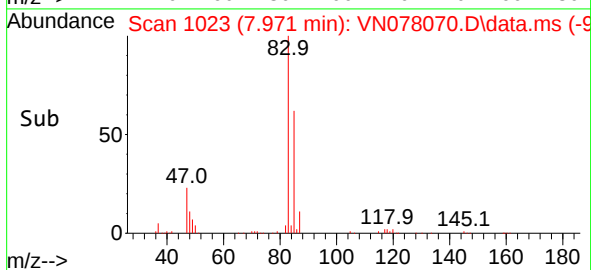
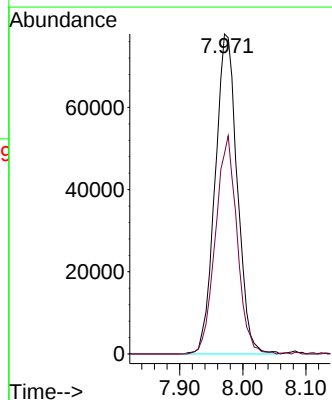
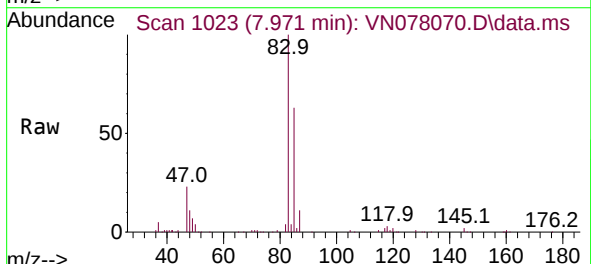
Manual Integrations
APPROVED

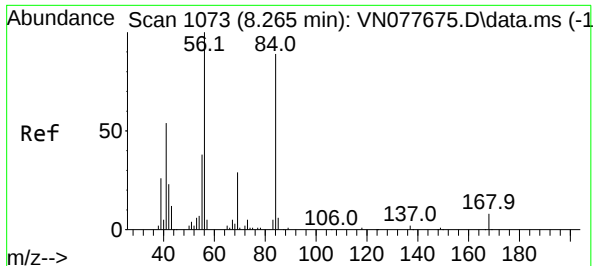
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#30
Chloroform
Concen: 19.837 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

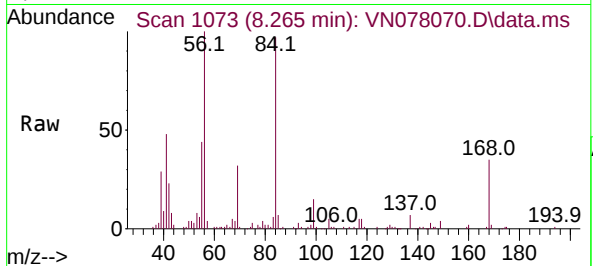
Tgt Ion: 83 Resp: 189802
Ion Ratio Lower Upper
83 100
85 62.6 55.4 83.0





#31
Cyclohexane
Concen: 16.151 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

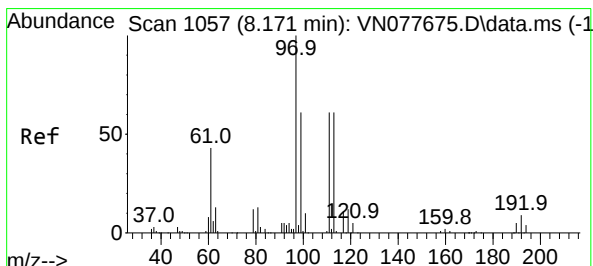
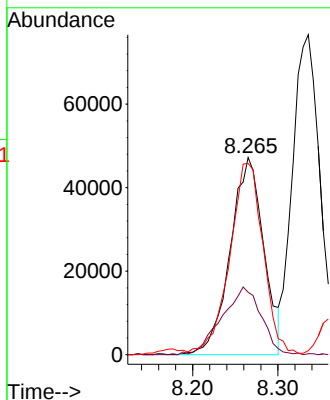
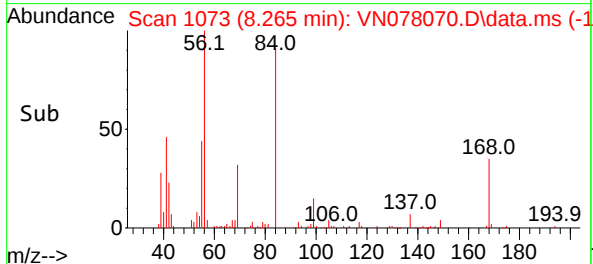
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



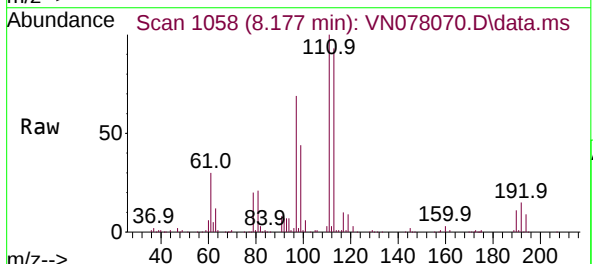
Tgt Ion: 56 Resp: 12875
Ion Ratio Lower Upper
56 100
69 31.7 26.8 40.2
84 95.1 81.8 122.6

Manual Integrations
APPROVED

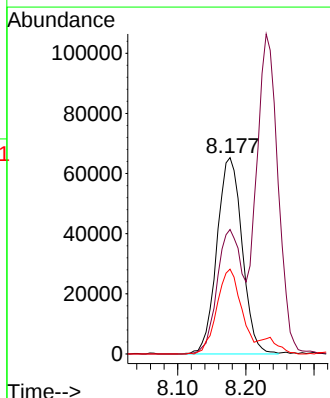
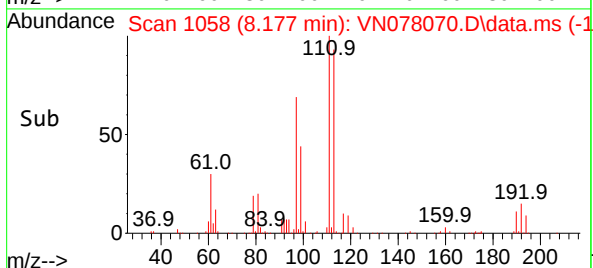
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

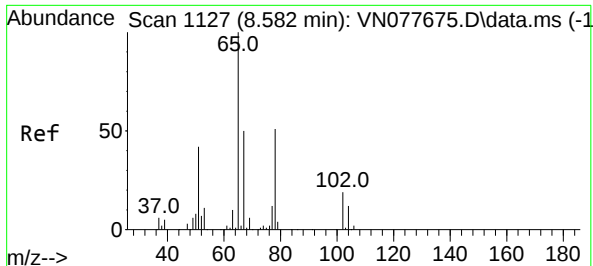


#32
1,1,1-Trichloroethane
Concen: 20.692 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02



Tgt Ion: 97 Resp: 168316
Ion Ratio Lower Upper
97 100
99 62.6 50.3 75.5
61 42.7 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 42.827 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078070.D

Acq: 06 Jun 2023 15:02

Instrument :

MSVOA_N

ClientSampleId :

VN0606WBS01

Tgt Ion: 65 Resp: 25120

Ion Ratio Lower Upper

65 100

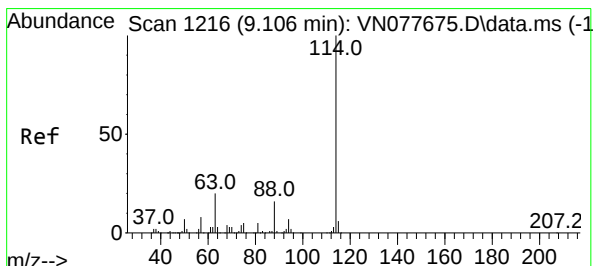
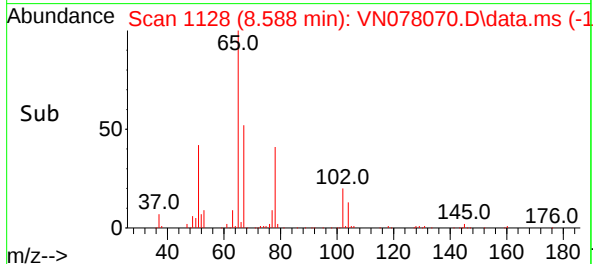
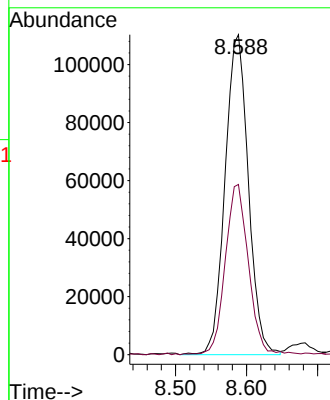
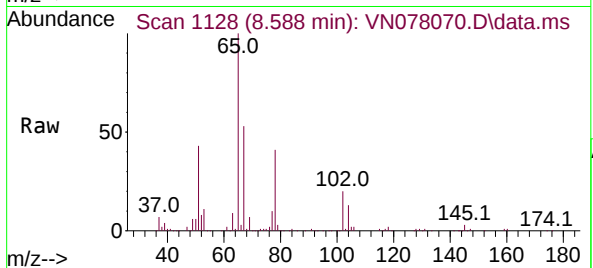
67 53.1 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN078070.D

Acq: 06 Jun 2023 15:02

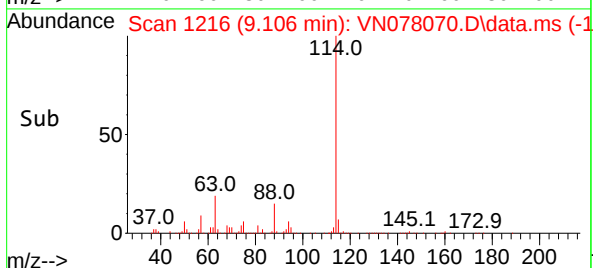
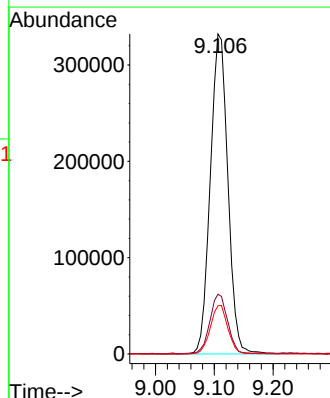
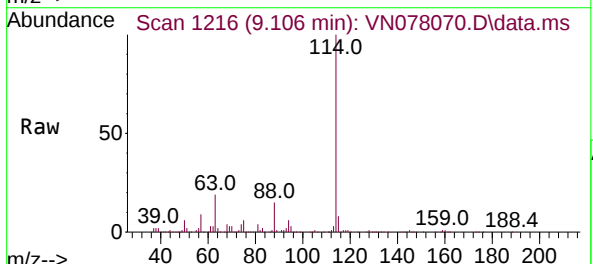
Tgt Ion:114 Resp: 688302

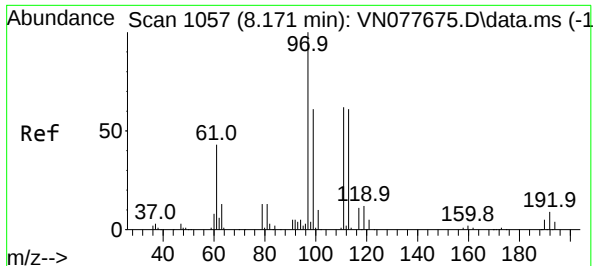
Ion Ratio Lower Upper

114 100

63 18.5 0.0 36.4

88 15.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.012 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN078070.D

Acq: 06 Jun 2023 15:02

Instrument :

MSVOA_N

ClientSampleId :

VN0606WBS01

Tgt Ion: 113 Resp: 21998

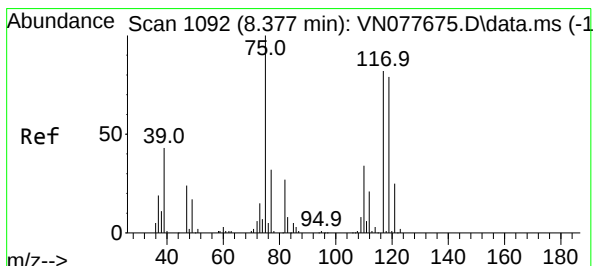
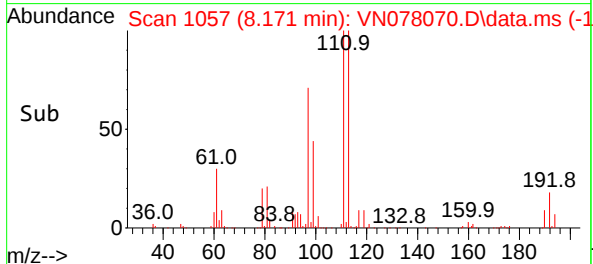
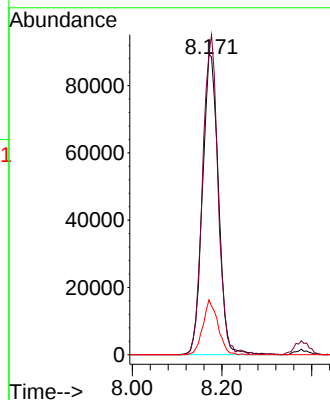
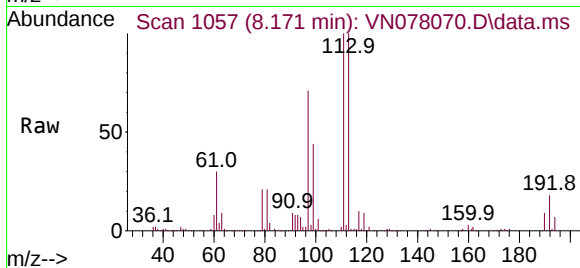
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	123.8
192	17.1	12.7	19.1

Manual Integrations

APPROVED

Reviewed By : John Carlone 06/07/2023

Supervised By : Mahesh Dadoda 06/07/2023



#36

1,1-Dichloropropene

Concen: 20.566 ug/l

RT: 8.377 min Scan# 1092

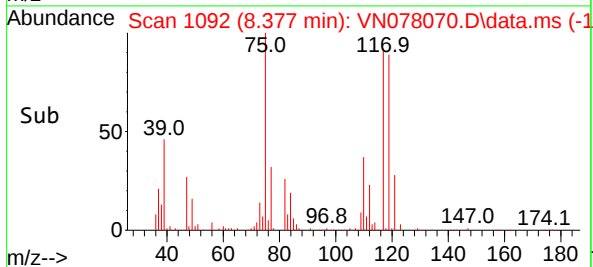
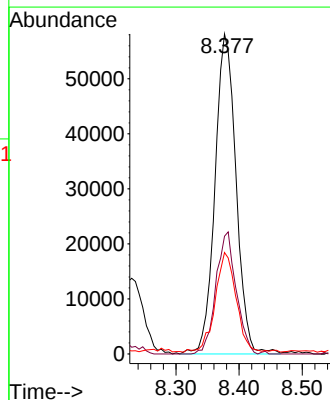
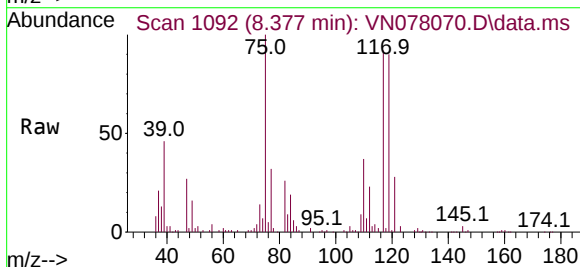
Delta R.T. -0.000 min

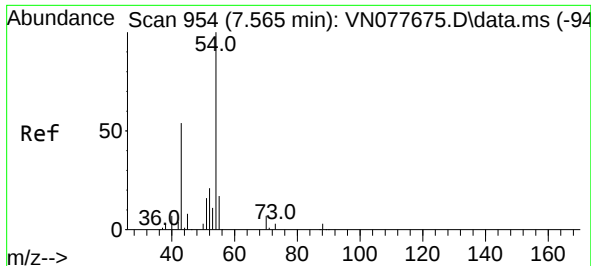
Lab File: VN078070.D

Acq: 06 Jun 2023 15:02

Tgt Ion: 75 Resp: 135016

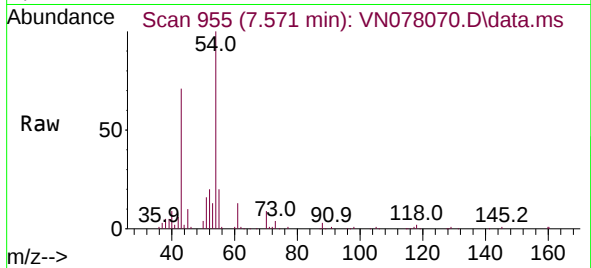
Ion	Ratio	Lower	Upper
75	100		
110	36.6	19.1	57.3
77	30.9	25.0	37.4





#37
Ethyl Acetate
Concen: 18.070 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

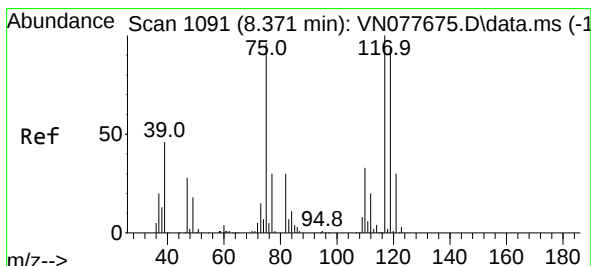
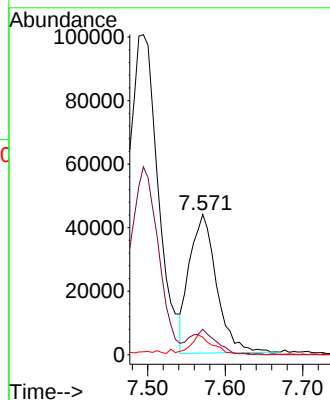
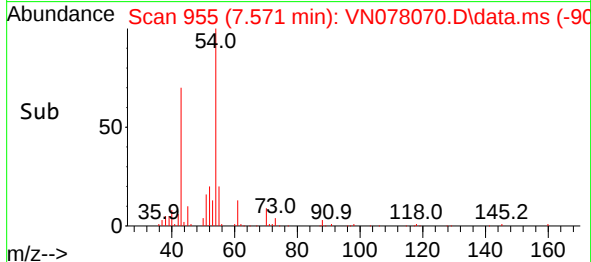
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



Tgt Ion: 43 Resp: 10573
Ion Ratio Lower Upper
43 100
61 17.1 13.2 19.8
70 11.9 11.3 16.9

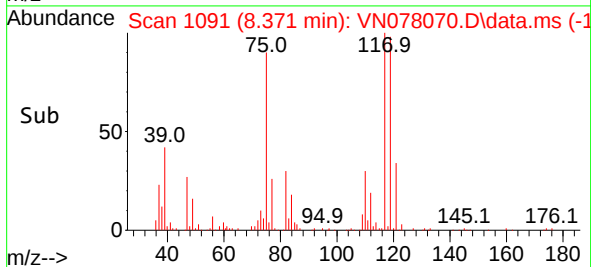
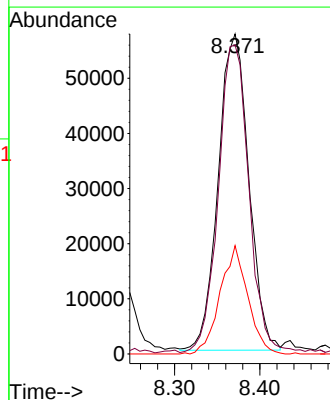
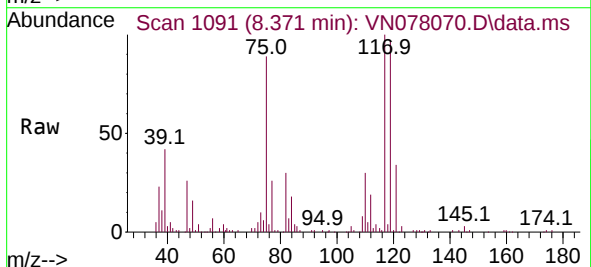
Manual Integrations
APPROVED

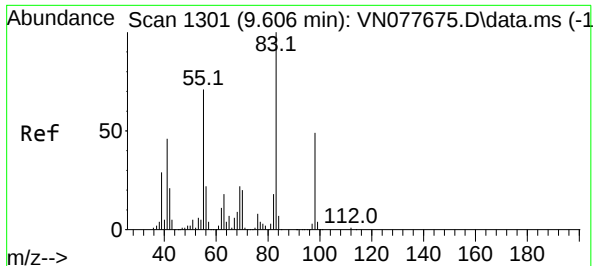
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#38
Carbon Tetrachloride
Concen: 21.600 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

Tgt Ion:117 Resp: 143191
Ion Ratio Lower Upper
117 100
119 97.7 77.3 115.9
121 34.4 23.3 34.9





#39

Methylcyclohexane

Concen: 16.046 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.006 min

Lab File: VN078070.D

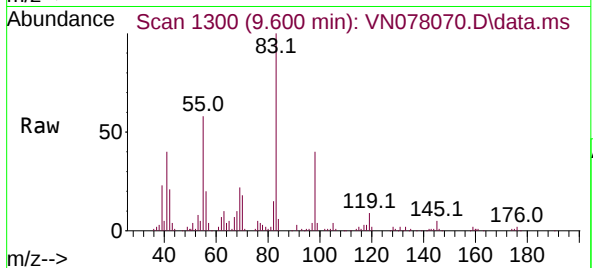
Acq: 06 Jun 2023 15:02

Instrument :

MSVOA_N

ClientSampleId :

VN0606WBS01



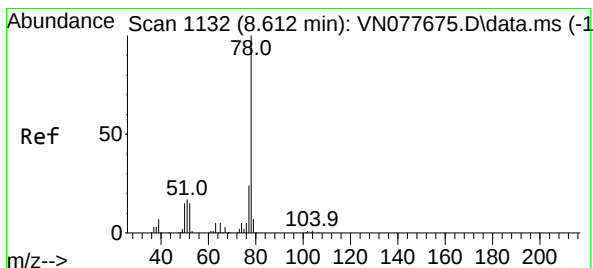
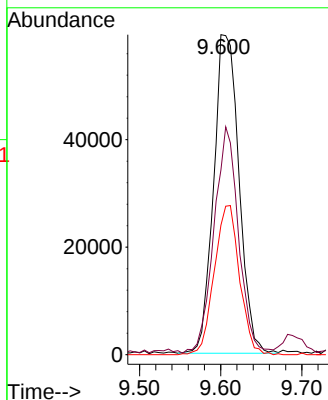
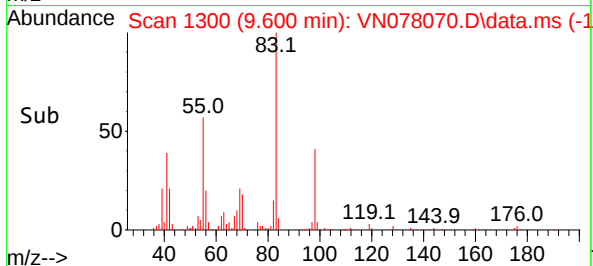
Tgt Ion:	83	Resp:	12896
Ion Ratio	Lower	Upper	
83	100		
55	56.7	49.1	73.7
98	40.7	40.6	61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#40

Benzene

Concen: 21.301 ug/l

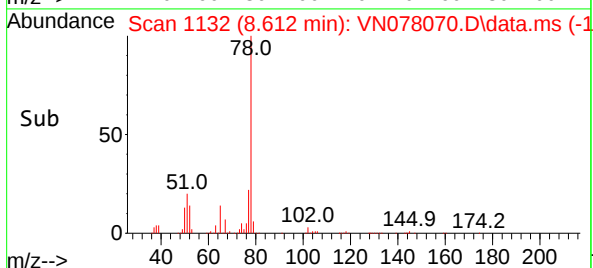
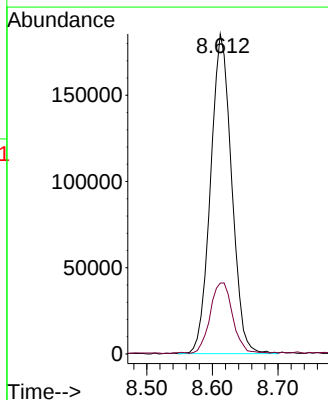
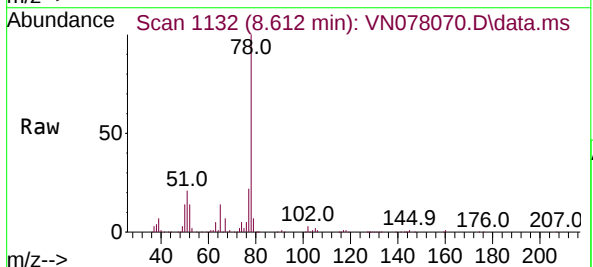
RT: 8.612 min Scan# 1132

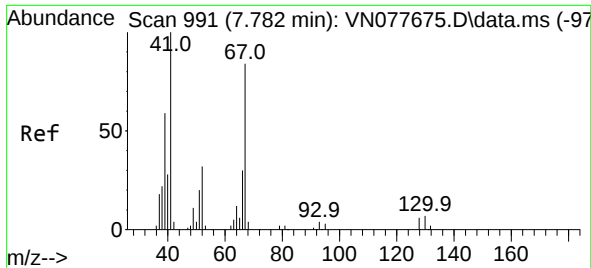
Delta R.T. 0.000 min

Lab File: VN078070.D

Acq: 06 Jun 2023 15:02

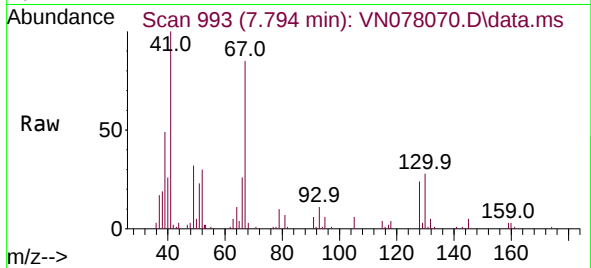
Tgt Ion:	78	Resp:	412653
Ion Ratio	Lower	Upper	
78	100		
77	21.9	19.0	28.6





#41
Methacrylonitrile
Concen: 19.529 ug/l
RT: 7.794 min Scan# 991
Delta R.T. 0.012 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

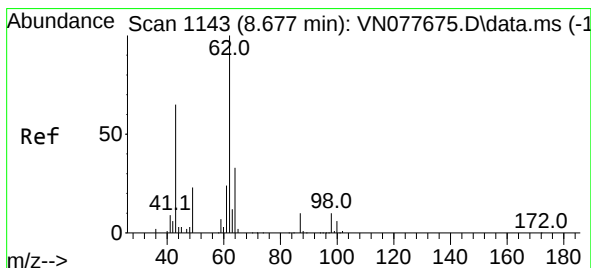
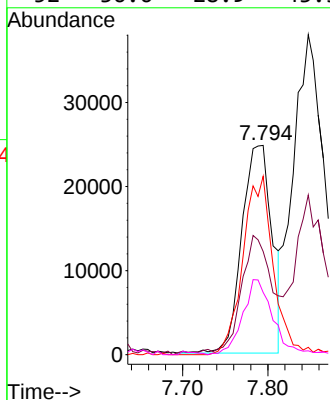
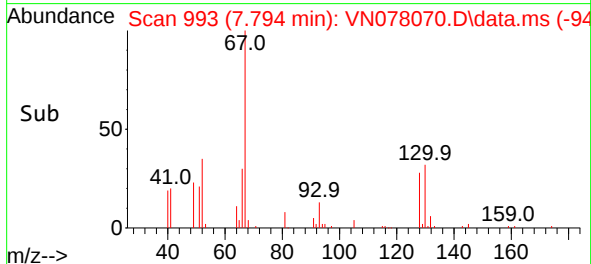
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



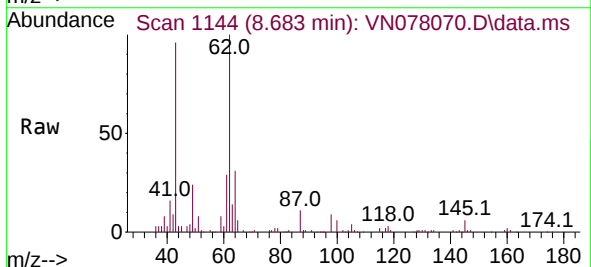
Tgt Ion: 41 Resp: 6085
Ion Ratio Lower Upper
41 100
39 58.2 42.6 64.0
67 87.0 77.5 116.3
52 36.6 28.9 43.3

Manual Integrations
APPROVED

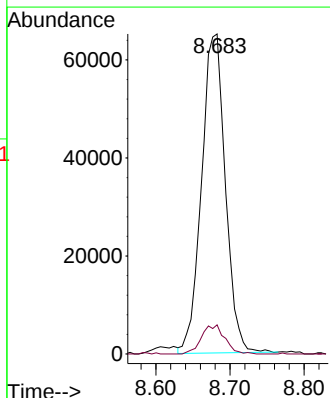
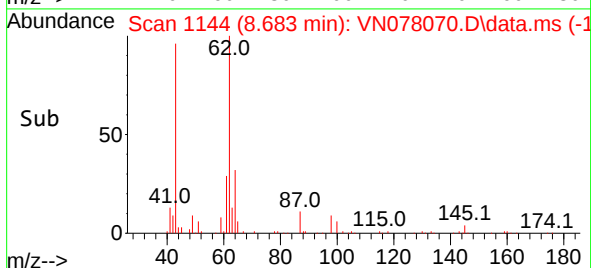
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

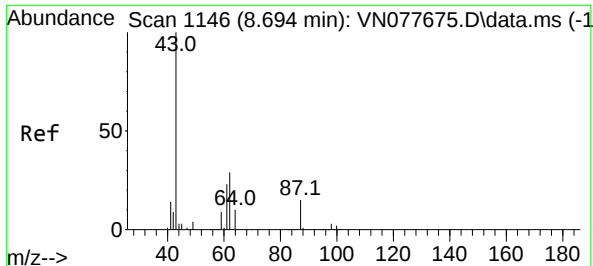


#42
1,2-Dichloroethane
Concen: 20.649 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02



Tgt Ion: 62 Resp: 145310
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.8





#43

Isopropyl Acetate

Concen: 21.782 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078070.D

Acq: 06 Jun 2023 15:02

Instrument :

MSVOA_N

ClientSampleId :

VN0606WBS01

Tgt Ion: 43 Resp: 208179

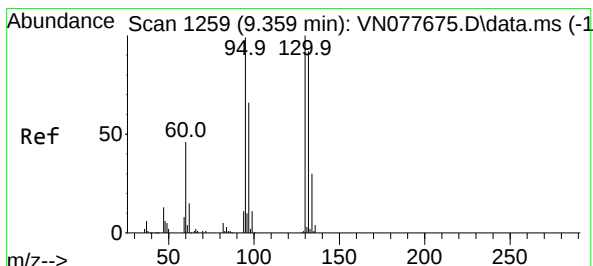
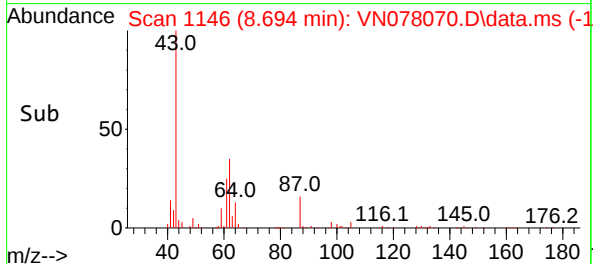
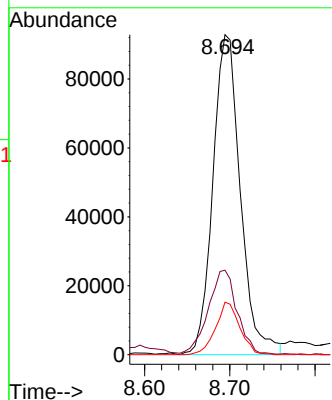
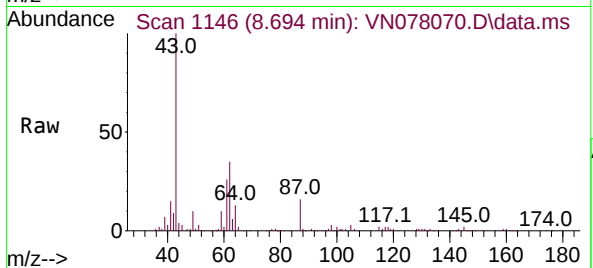
Ion	Ratio	Lower	Upper
43	100		
61	27.5	24.7	37.1
87	14.4	14.6	21.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#44

Trichloroethene

Concen: 22.476 ug/l

RT: 9.359 min Scan# 1259

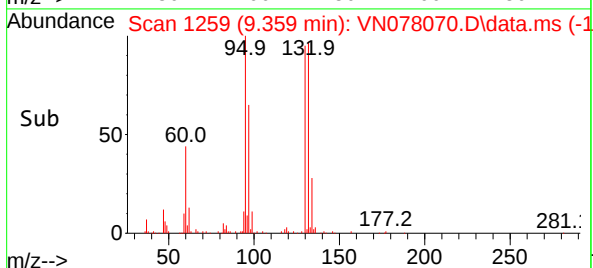
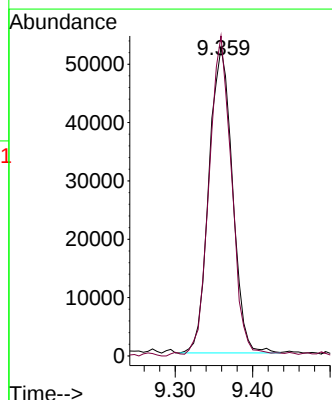
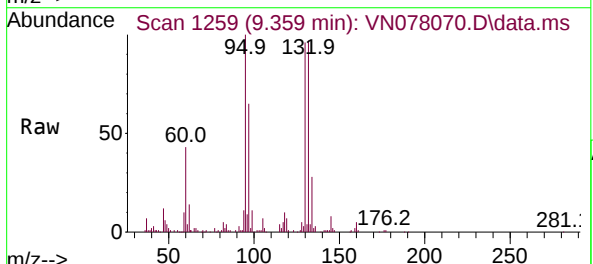
Delta R.T. 0.000 min

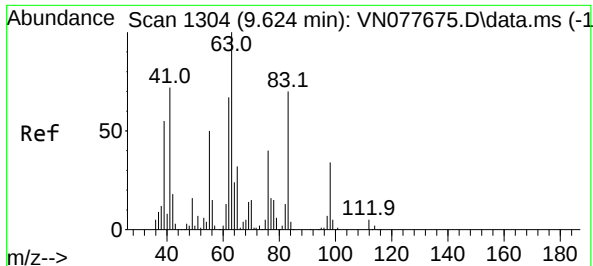
Lab File: VN078070.D

Acq: 06 Jun 2023 15:02

Tgt Ion:130 Resp: 110255

Ion	Ratio	Lower	Upper
130	100		
95	104.1	0.0	204.6





#45

1,2-Dichloropropane

Concen: 21.610 ug/l

RT: 9.630 min Scan# 1305

Delta R.T. 0.006 min

Lab File: VN078070.D

Acq: 06 Jun 2023 15:02

Instrument :

MSVOA_N

ClientSampleId :

VN0606WBS01

Tgt Ion: 63 Resp: 10678

Ion Ratio Lower Upper

63 100

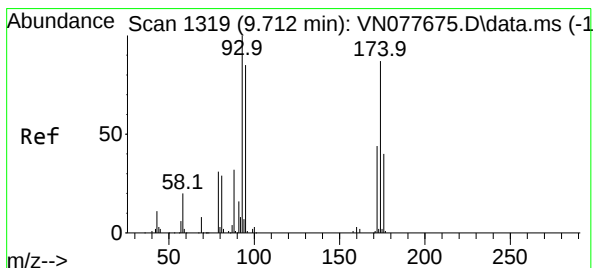
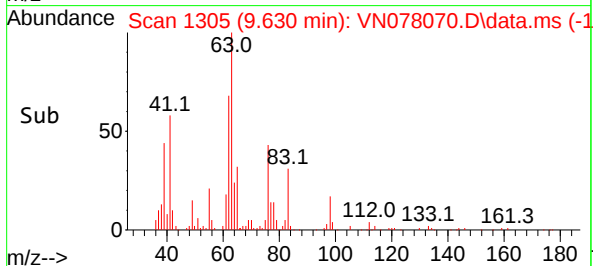
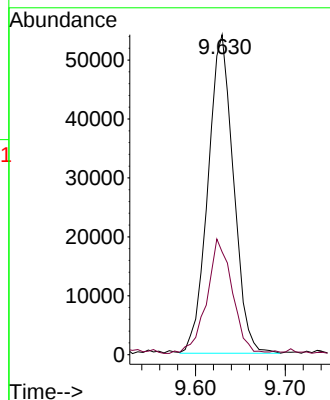
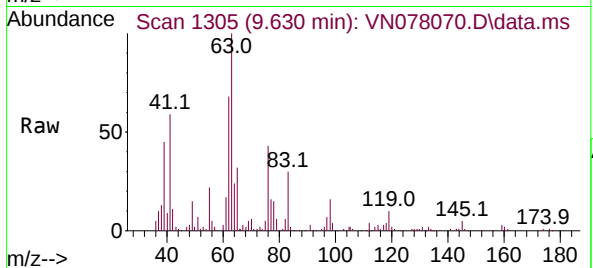
65 31.5 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#46

Dibromomethane

Concen: 21.375 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN078070.D

Acq: 06 Jun 2023 15:02

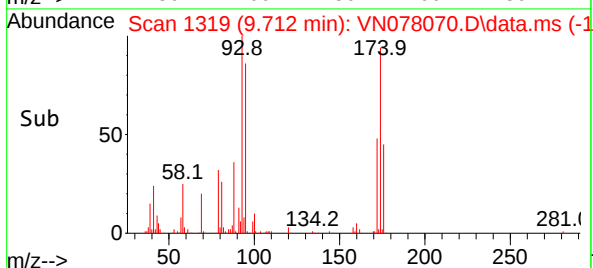
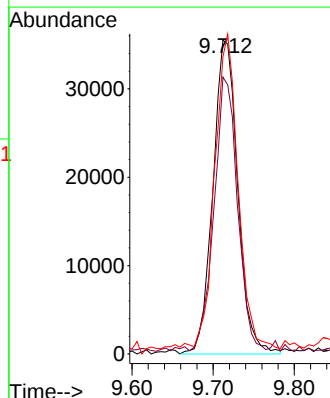
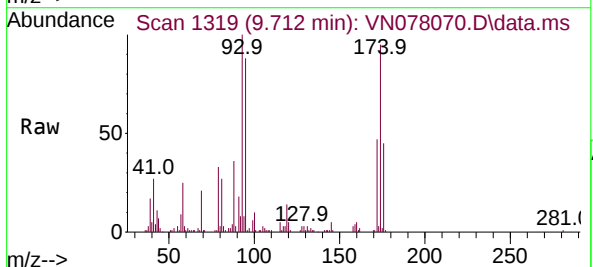
Tgt Ion: 93 Resp: 75581

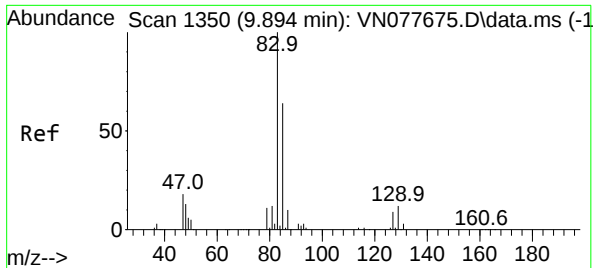
Ion Ratio Lower Upper

93 100

95 82.3 63.8 95.8

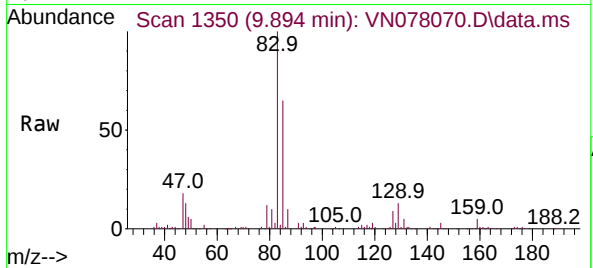
174 94.7 65.6 98.4





#47
Bromodichloromethane
Concen: 21.901 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

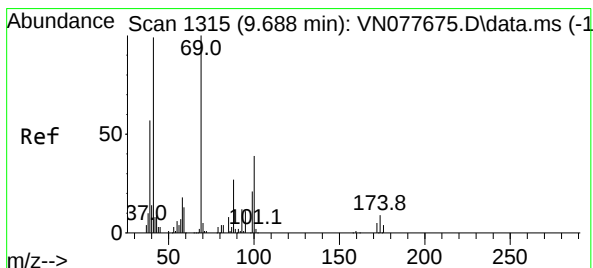
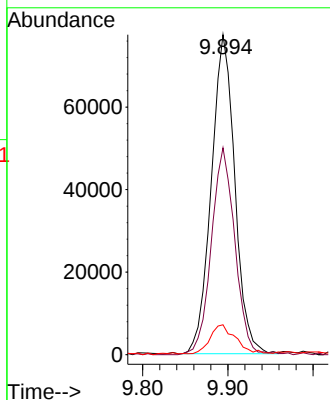
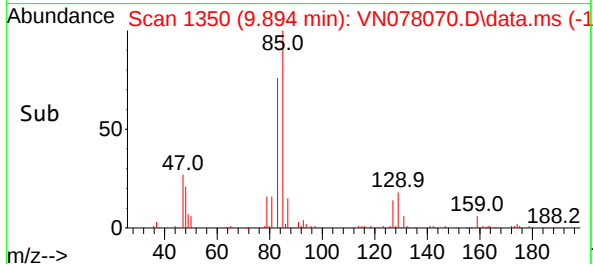
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



Tgt Ion: 83 Resp: 148258
Ion Ratio Lower Upper
83 100
85 64.8 49.6 74.4
127 9.0 7.0 10.6

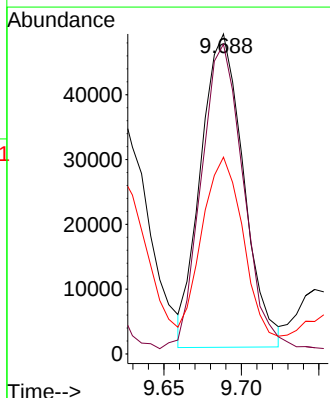
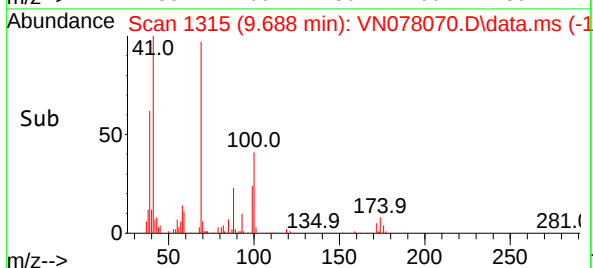
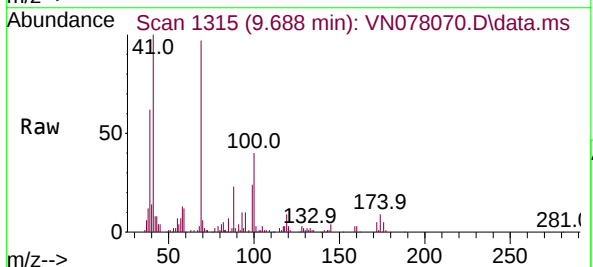
Manual Integrations
APPROVED

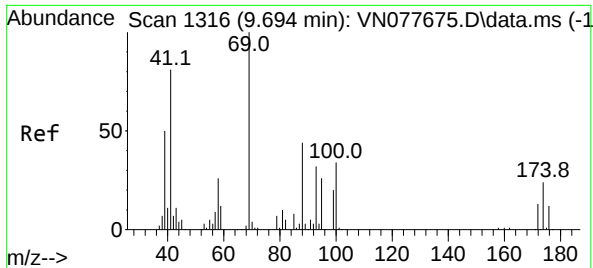
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#48
Methyl methacrylate
Concen: 20.447 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

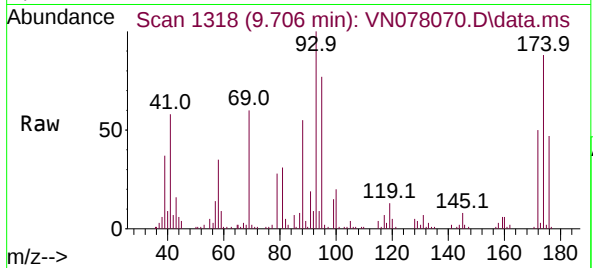
Tgt Ion: 41 Resp: 92655
Ion Ratio Lower Upper
41 100
69 99.5 90.4 135.6
39 62.0 54.6 81.8





#49
1,4-Dioxane
Concen: 409.924 ug/l
RT: 9.706 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

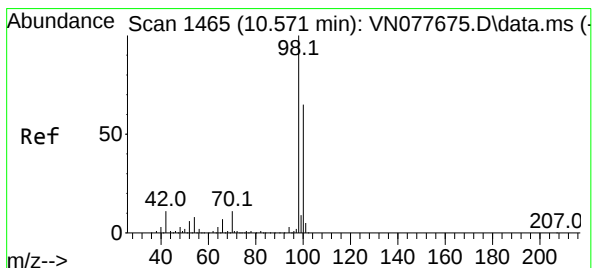
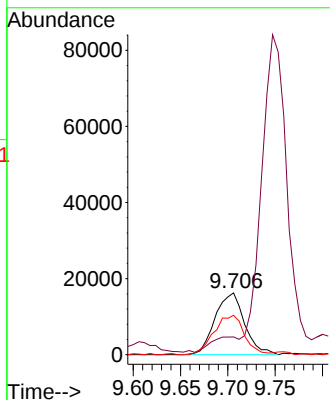
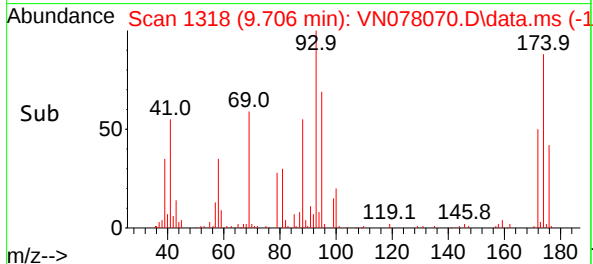
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



Tgt Ion: 88 Resp: 35084
Ion Ratio Lower Upper
88 100
43 23.7 17.0 25.6
58 65.9 47.0 70.4

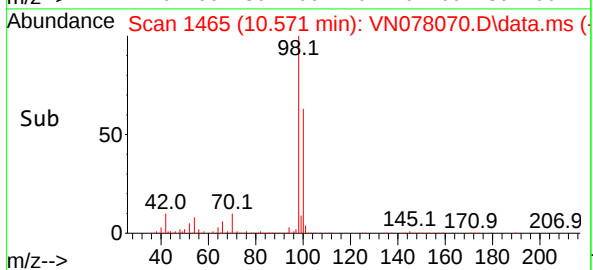
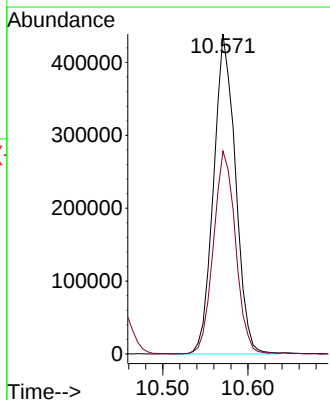
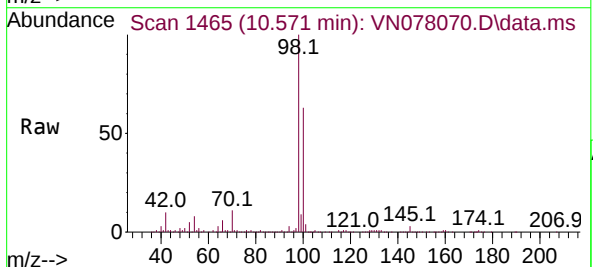
Manual Integrations
APPROVED

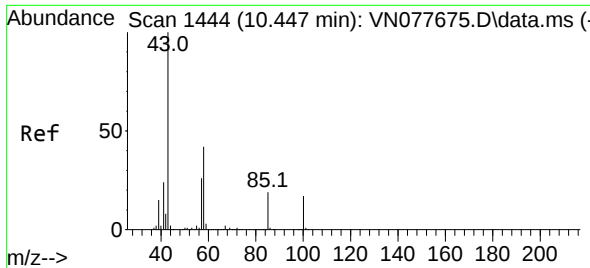
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#50
Toluene-d8
Concen: 45.313 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

Tgt Ion: 98 Resp: 782817
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0





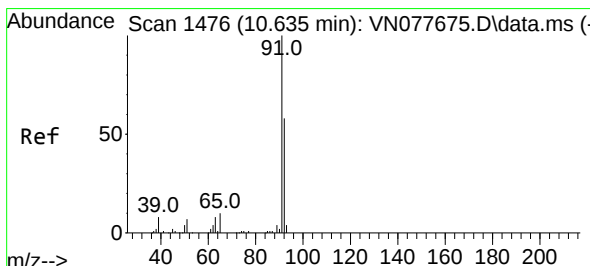
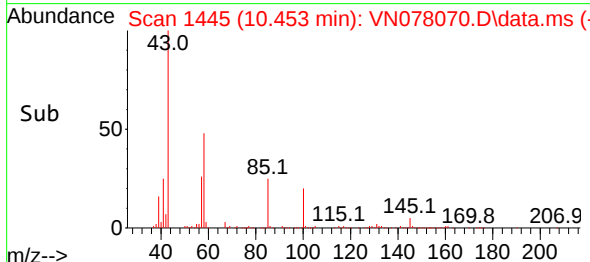
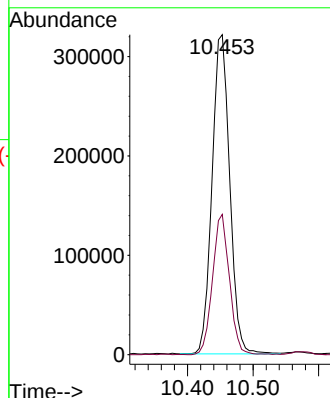
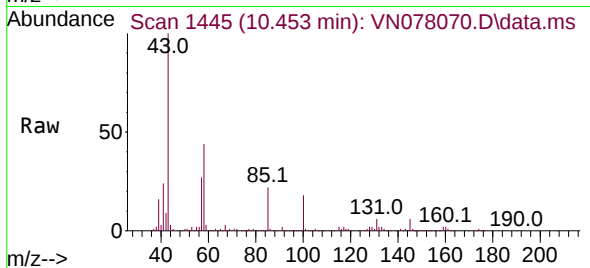
#51
4-Methyl-2-Pentanone
Concen: 105.815 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01

Tgt Ion: 43 Resp: 601149
Ion Ratio Lower Upper
43 100
58 42.1 36.6 54.8

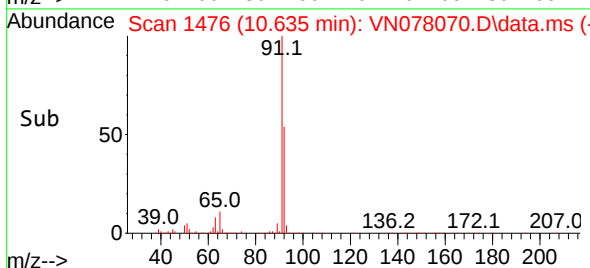
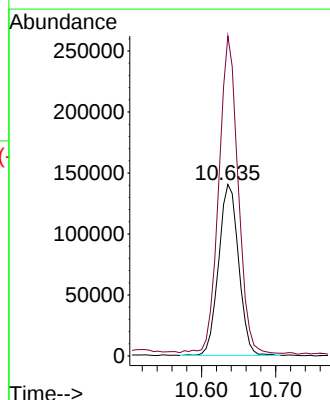
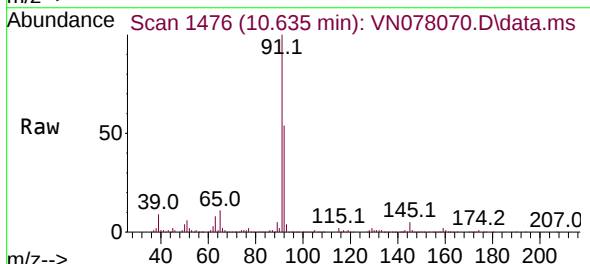
Manual Integrations
APPROVED

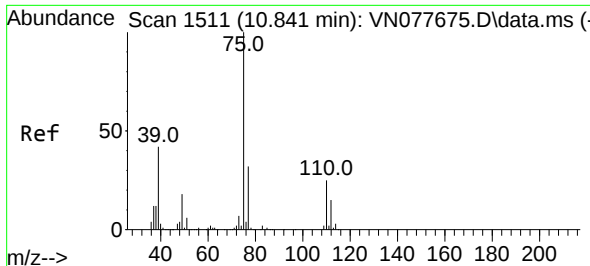
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#52
Toluene
Concen: 21.803 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

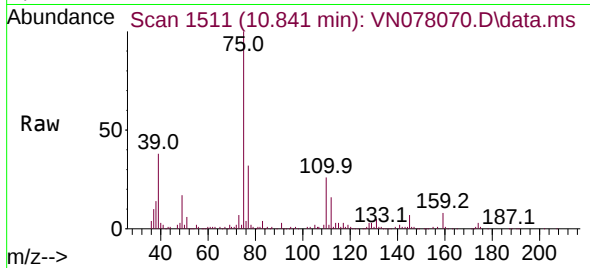
Tgt Ion: 92 Resp: 262952
Ion Ratio Lower Upper
92 100
91 178.3 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 21.667 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

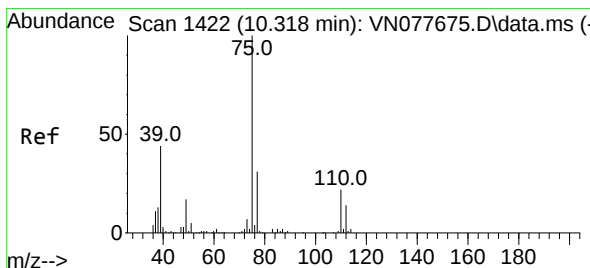
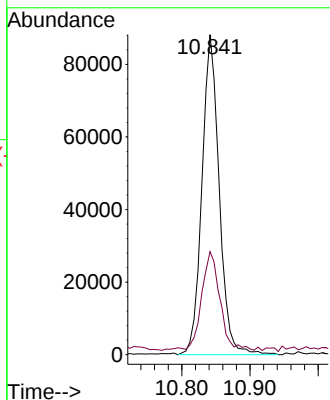
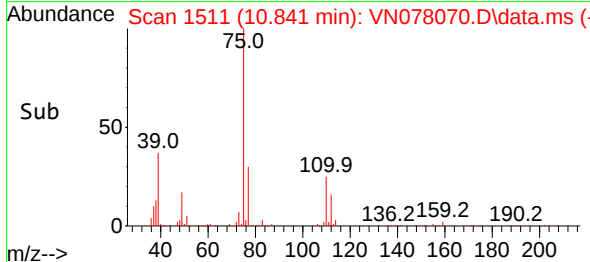
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



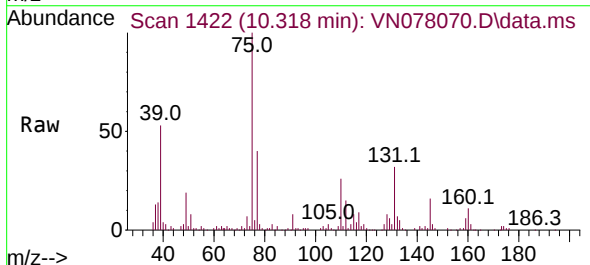
Tgt Ion: 75 Resp: 155320
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0

Manual Integrations
APPROVED

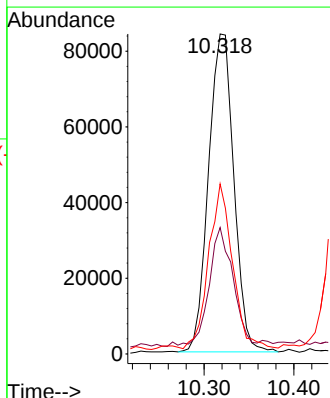
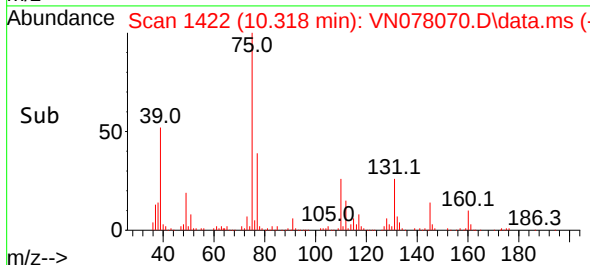
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

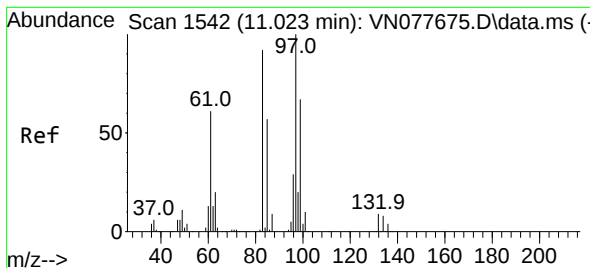


#54
cis-1,3-Dichloropropene
Concen: 20.871 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02



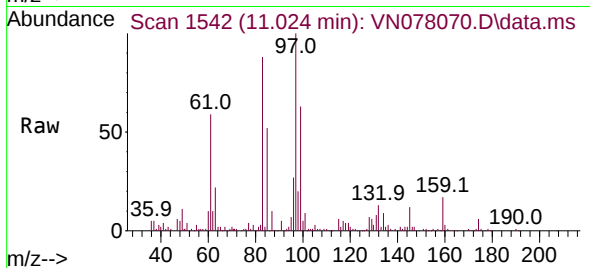
Tgt Ion: 75 Resp: 164882
Ion Ratio Lower Upper
75 100
77 37.0 26.1 39.1
39 51.6 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 23.717 ug/l
RT: 11.024 min Scan# 113574
Delta R.T. 0.001 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

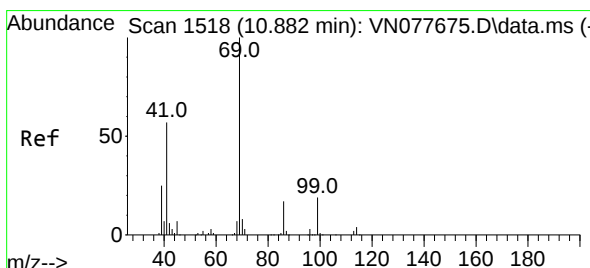
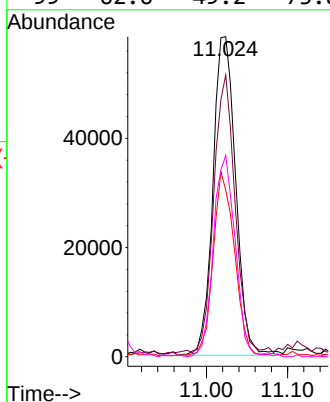
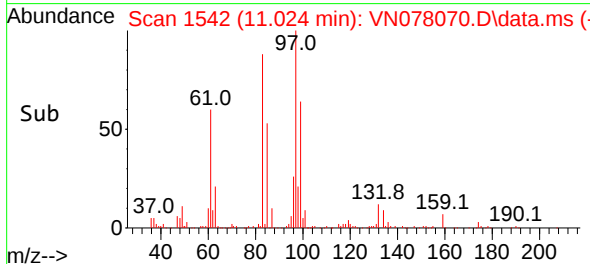
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



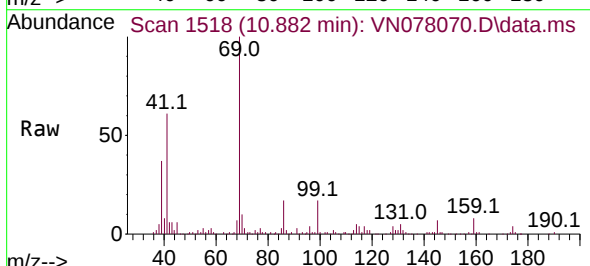
Tgt Ion:	97	Ratio	100	Lower	Upper
97	100				
83	87.1		65.1	97.7	
85	51.8		43.4	65.2	
99	62.6		49.2	73.8	

Manual Integrations
APPROVED

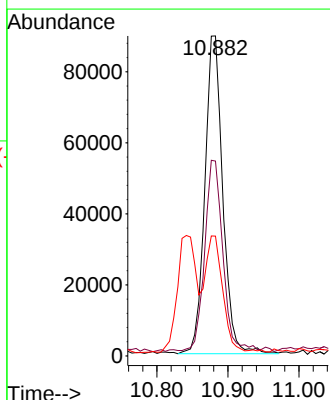
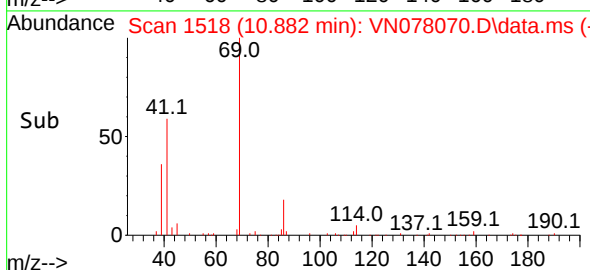
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

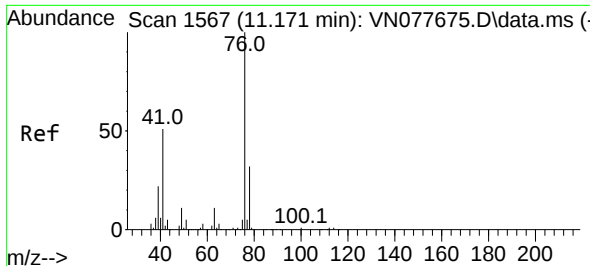


#56
Ethyl methacrylate
Concen: 21.753 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02



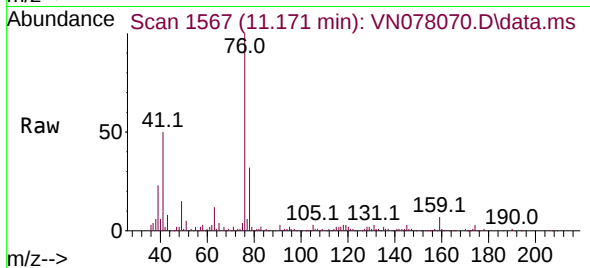
Tgt Ion:	69	Ratio	100	Lower	Upper
69	100				
41	60.0		39.6	59.4	
39	35.2		28.6	43.0	





#57
1,3-Dichloropropane
Concen: 22.132 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

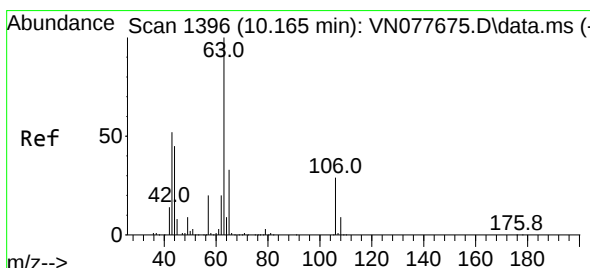
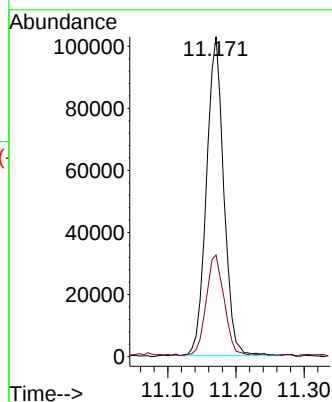
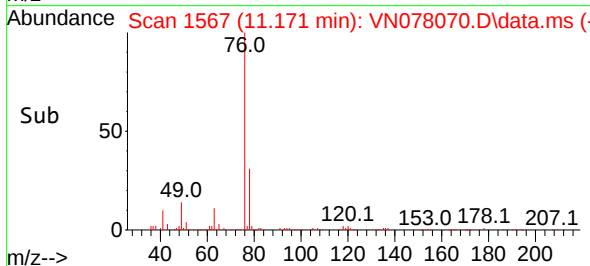
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



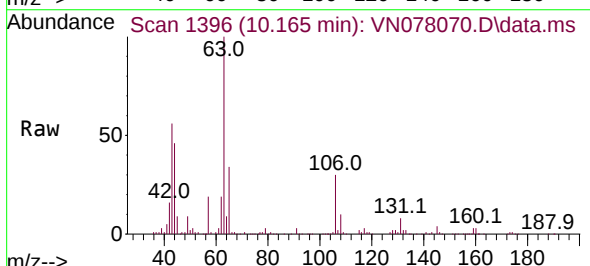
Tgt Ion: 76 Resp: 18169
Ion Ratio Lower Upper
76 100
78 32.8 26.1 39.1

Manual Integrations
APPROVED

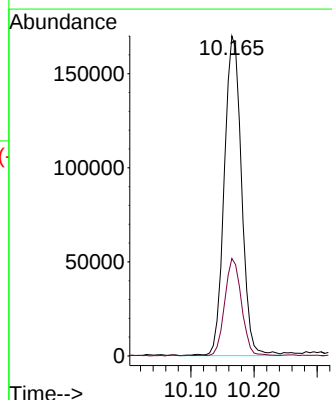
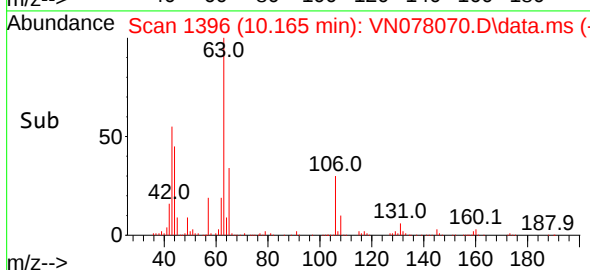
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

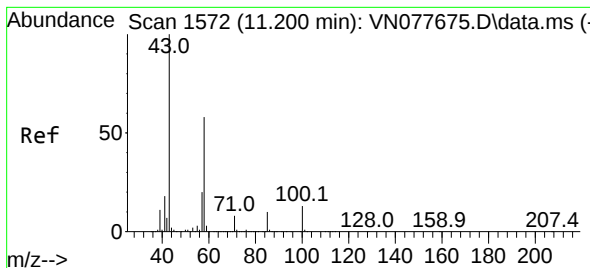


#58
2-Chloroethyl Vinyl ether
Concen: 90.557 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02



Tgt Ion: 63 Resp: 322572
Ion Ratio Lower Upper
63 100
106 29.2 26.2 39.4





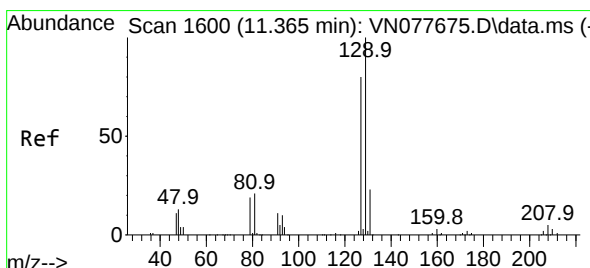
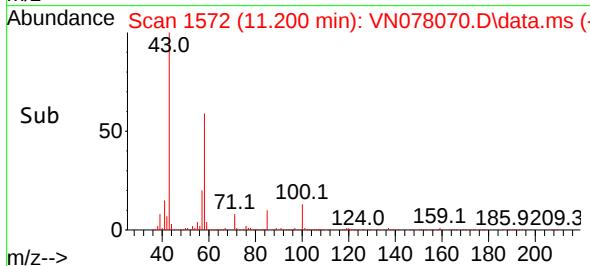
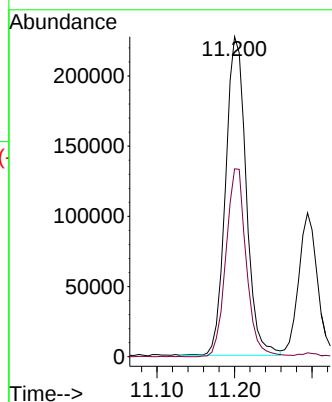
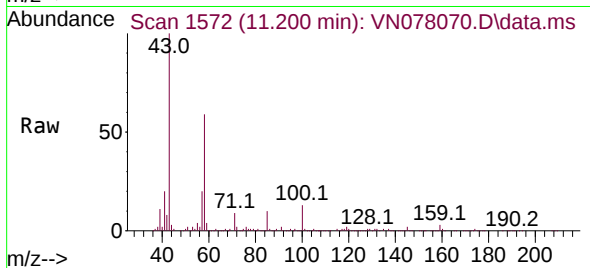
#59
2-Hexanone
Concen: 99.910 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01

Tgt Ion: 43 Resp: 419834
Ion Ratio Lower Upper
43 100
58 58.4 31.7 95.1

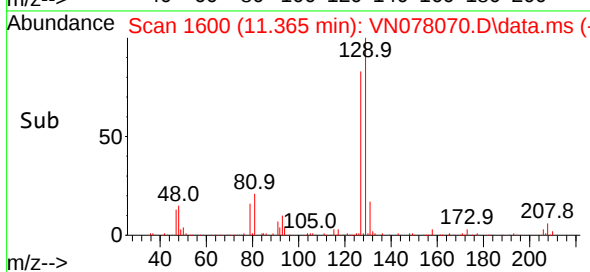
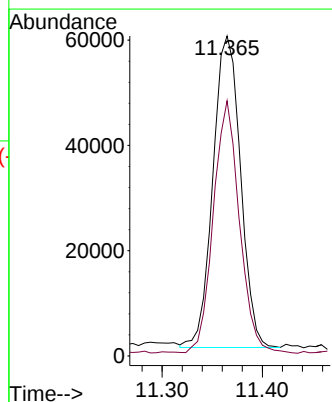
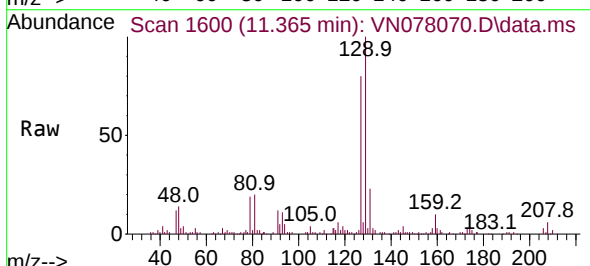
Manual Integrations
APPROVED

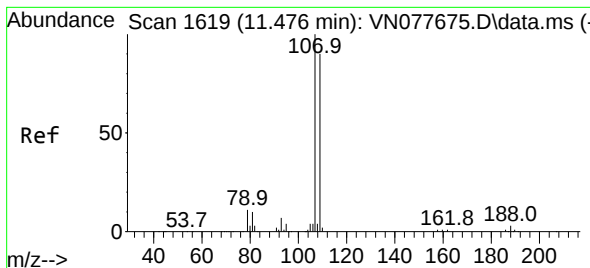
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#60
Dibromochloromethane
Concen: 22.917 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

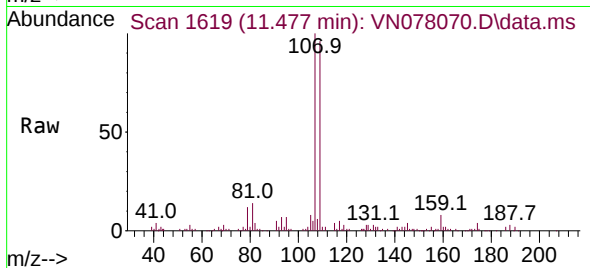
Tgt Ion:129 Resp: 113293
Ion Ratio Lower Upper
129 100
127 76.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 23.395 ug/l
RT: 11.477 min Scan# 11176
Delta R.T. 0.001 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

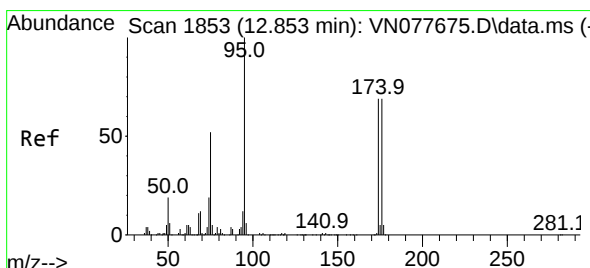
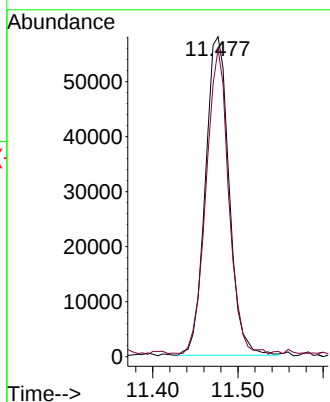
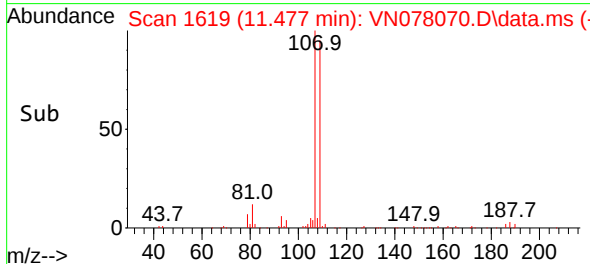
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



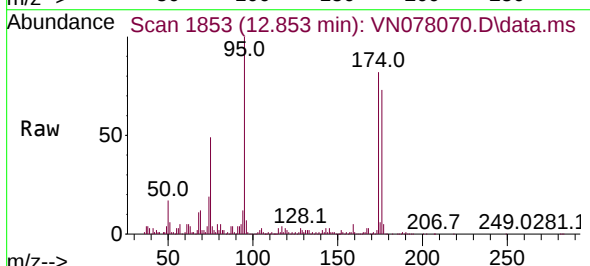
Tgt Ion:107 Resp: 11176
Ion Ratio Lower Upper
107 100
109 91.5 76.6 114.8

Manual Integrations
APPROVED

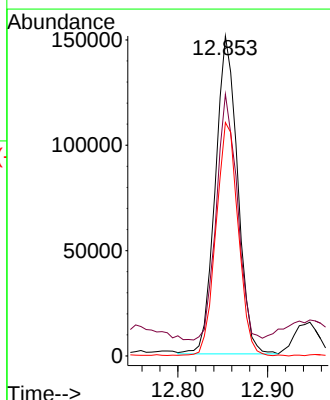
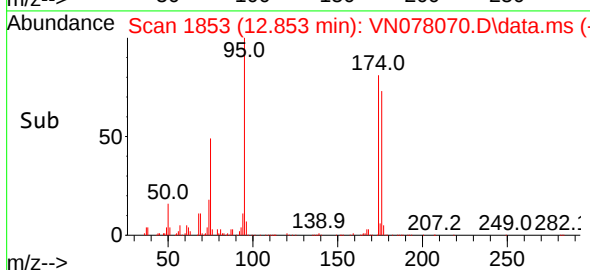
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

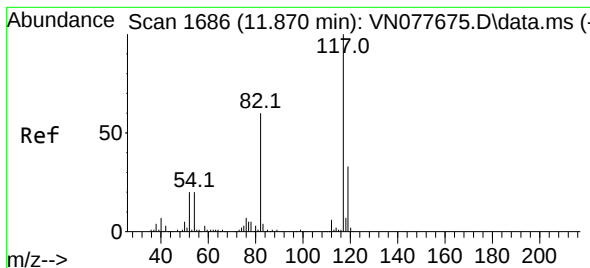


#62
4-Bromofluorobenzene
Concen: 42.717 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02



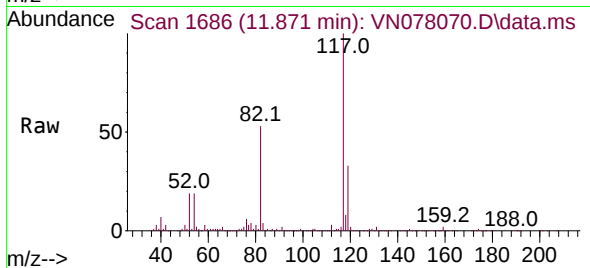
Tgt Ion: 95 Resp: 260641
Ion Ratio Lower Upper
95 100
174 72.0 0.0 143.8
176 73.0 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

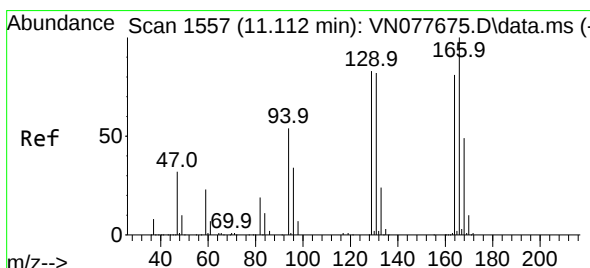
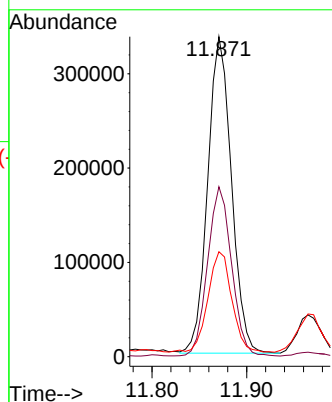
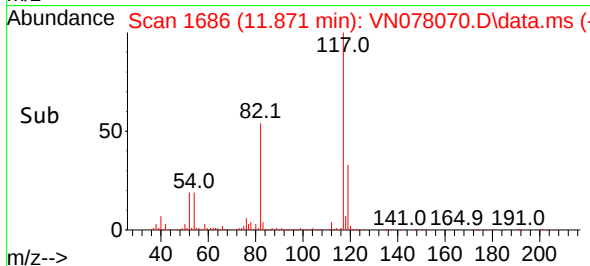
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



Tgt Ion:117 Resp: 585234
Ion Ratio Lower Upper
117 100
82 53.5 44.0 66.0
119 31.2 25.6 38.4

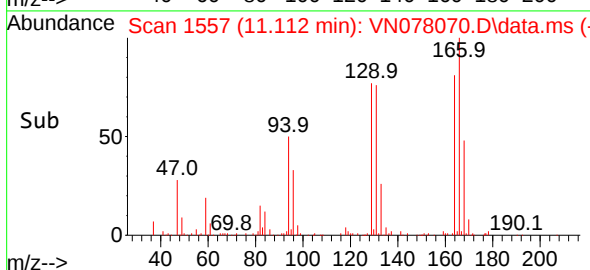
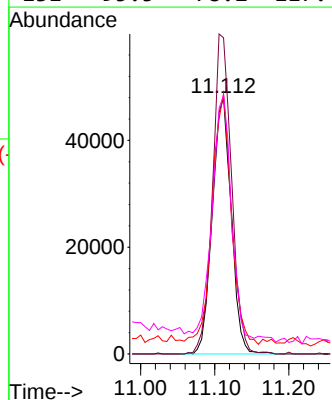
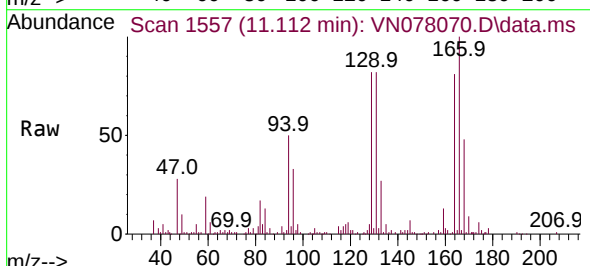
Manual Integrations
APPROVED

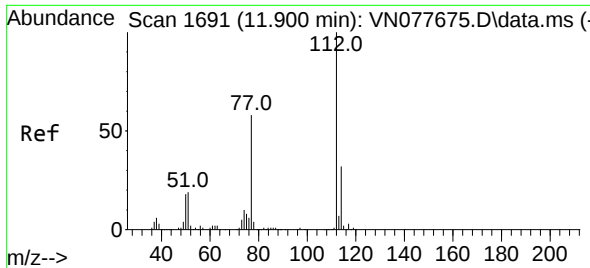
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#64
Tetrachloroethene
Concen: 20.701 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

Tgt Ion:164 Resp: 84721
Ion Ratio Lower Upper
164 100
166 123.4 101.4 152.0
129 97.4 82.4 123.6
131 95.5 78.2 117.4





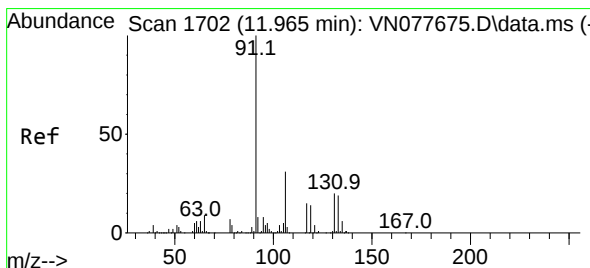
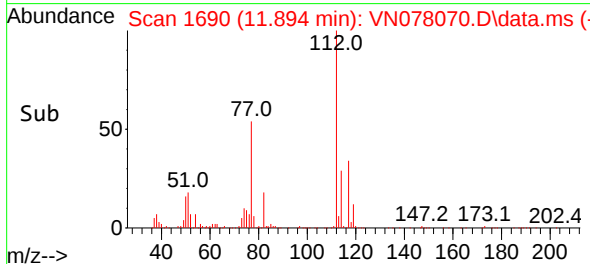
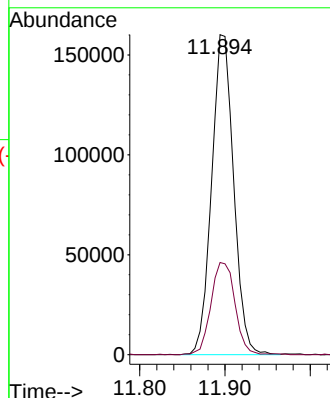
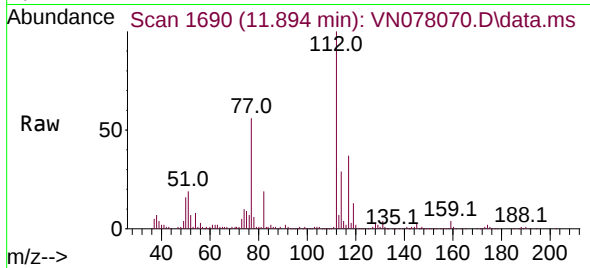
#65
Chlorobenzene
Concen: 22.649 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. -0.006 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01

Tgt Ion:112 Resp: 28735
Ion Ratio Lower Upper
112 100
114 28.8 25.0 37.4

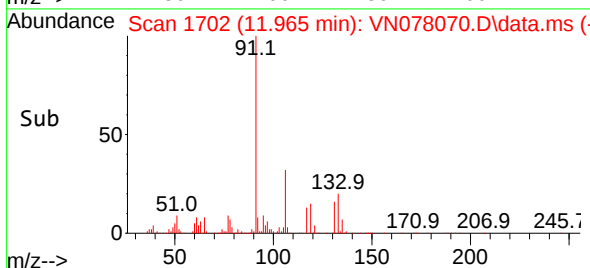
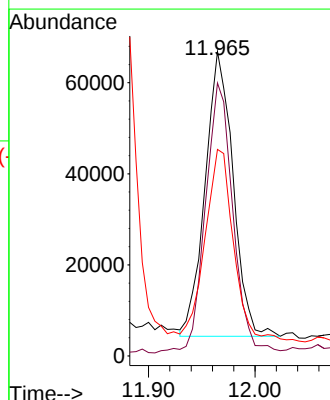
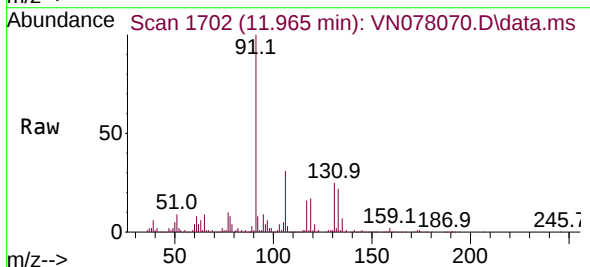
Manual Integrations
APPROVED

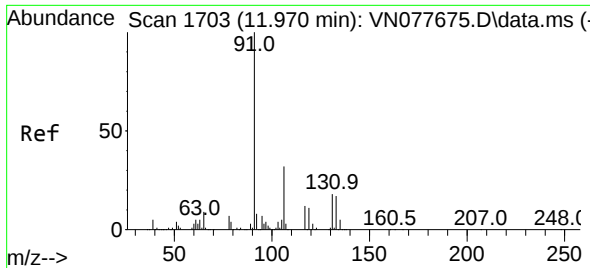
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 25.950 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

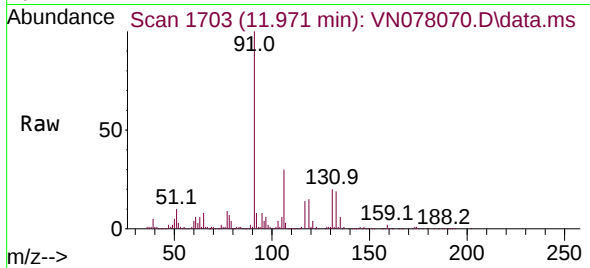
Tgt Ion:131 Resp: 113919
Ion Ratio Lower Upper
131 100
133 93.2 46.4 139.1
119 70.1 34.1 102.2





#67
Ethyl Benzene
Concen: 21.808 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

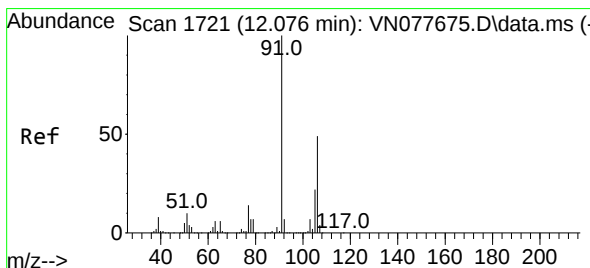
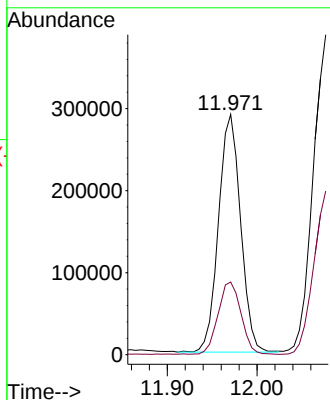
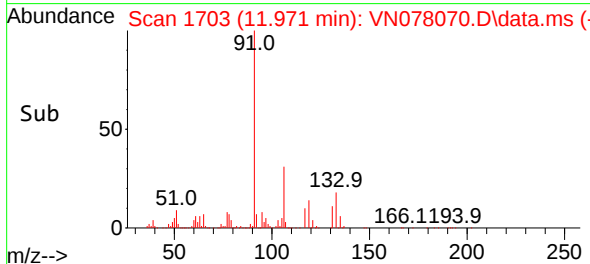
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



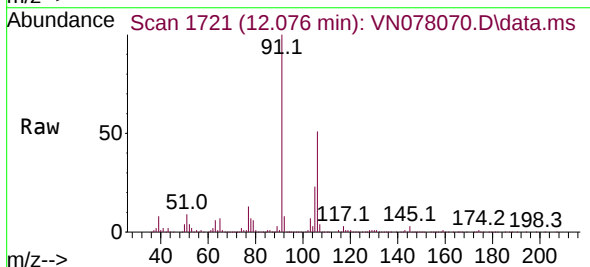
Tgt Ion: 91 Resp: 495825
Ion Ratio Lower Upper
91 100
106 30.4 25.6 38.4

Manual Integrations
APPROVED

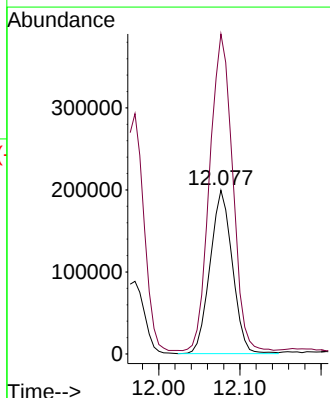
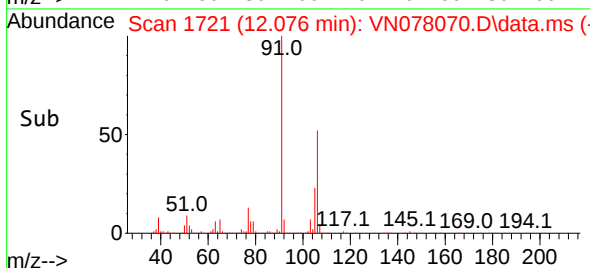
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

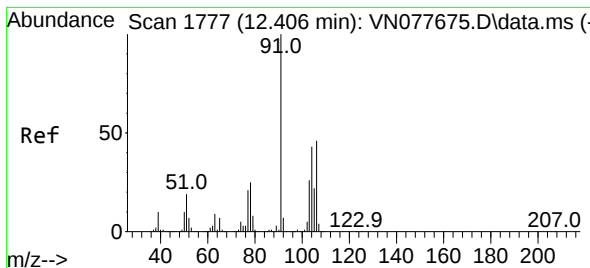


#68
m/p-Xylenes
Concen: 44.124 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02



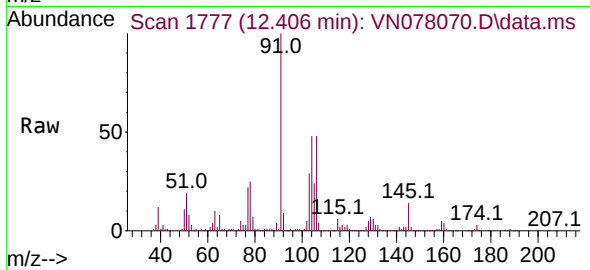
Tgt Ion:106 Resp: 380122
Ion Ratio Lower Upper
106 100
91 198.9 159.6 239.4





#69
o-Xylene
Concen: 23.306 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

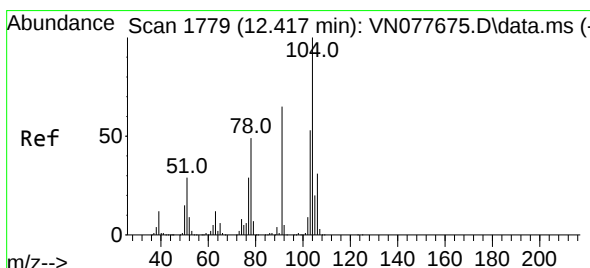
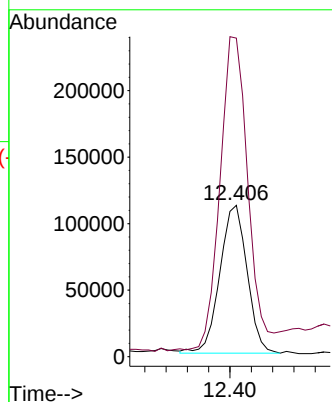
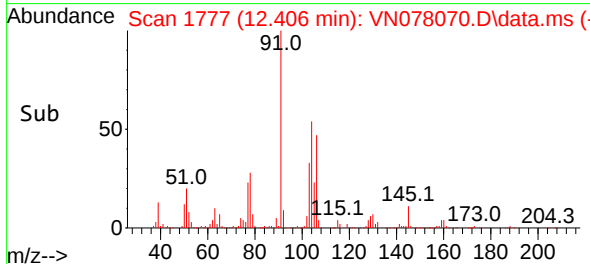
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



Tgt Ion:106 Resp: 19745
Ion Ratio Lower Upper
106 100
91 215.7 105.2 315.5

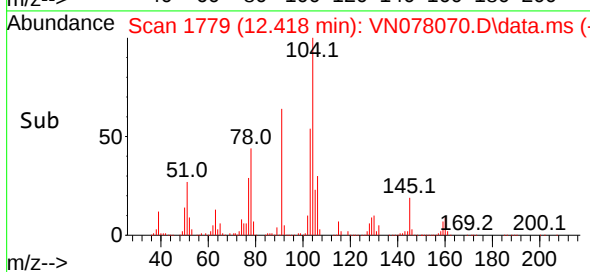
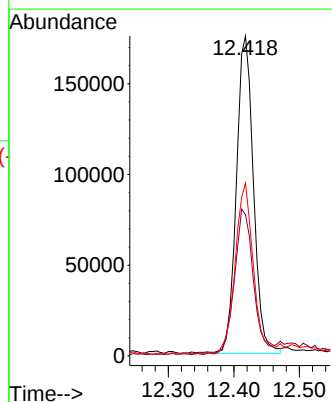
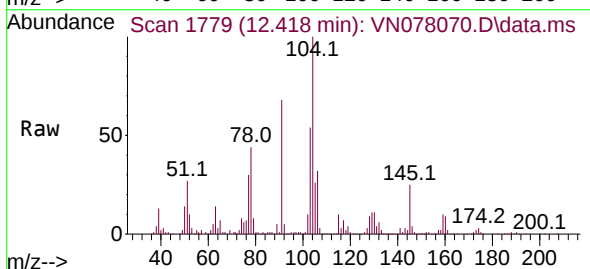
Manual Integrations
APPROVED

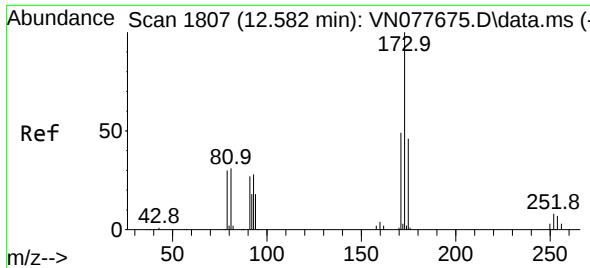
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#70
Styrene
Concen: 23.612 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.001 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

Tgt Ion:104 Resp: 317786
Ion Ratio Lower Upper
104 100
78 50.5 39.5 59.3
103 56.9 43.2 64.8





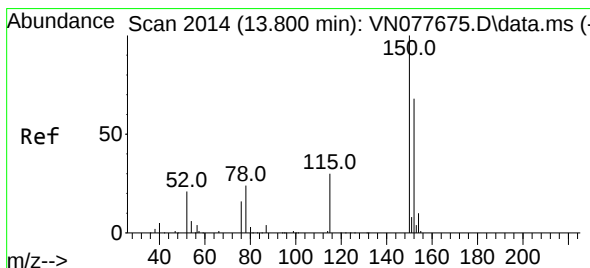
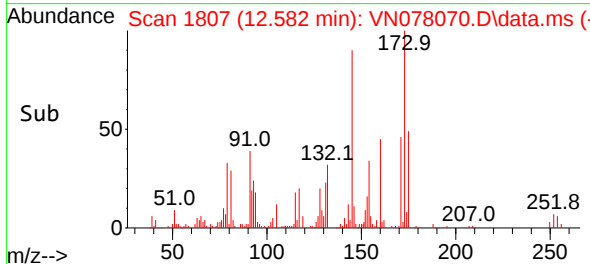
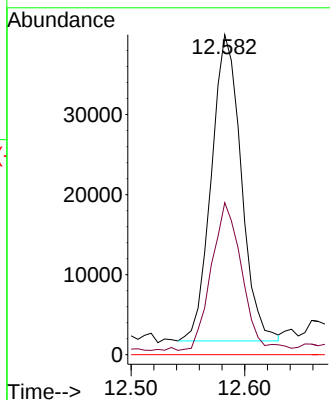
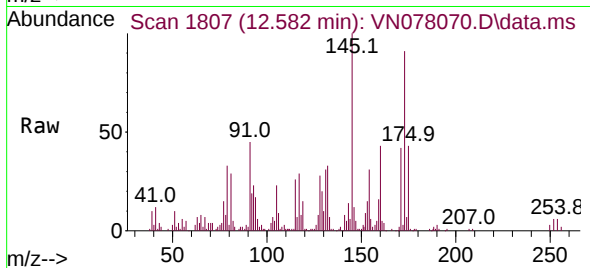
#71
Bromoform
Concen: 23.927 ug/l
RT: 12.582 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01

Tgt Ion:173 Resp: 69874
Ion Ratio Lower Upper
173 100
175 49.0 24.3 73.0
254 0.0 0.0 0.0

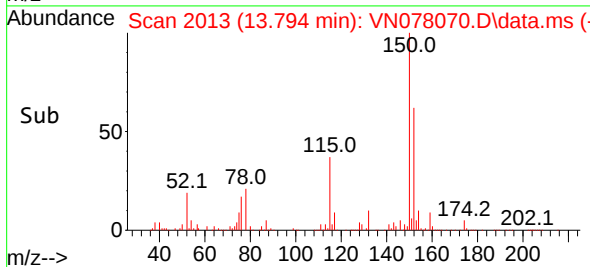
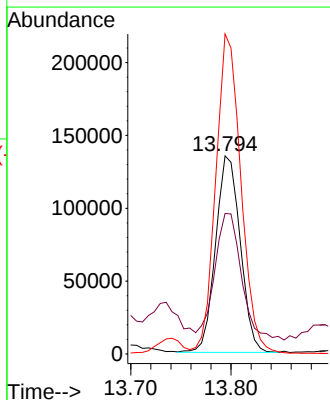
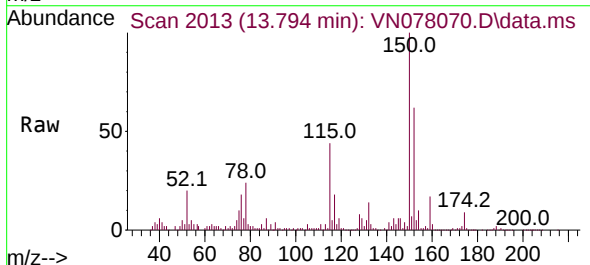
Manual Integrations
APPROVED

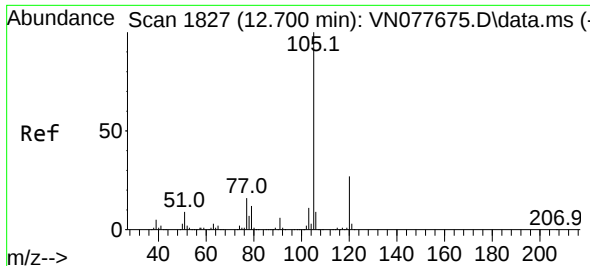
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.006 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

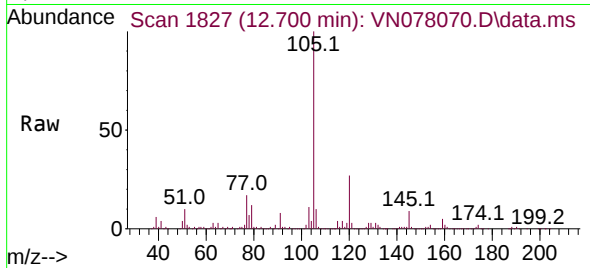
Tgt Ion:152 Resp: 230024
Ion Ratio Lower Upper
152 100
115 70.0 32.3 96.8
150 166.3 0.0 355.8





#73
Isopropylbenzene
Concen: 24.954 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

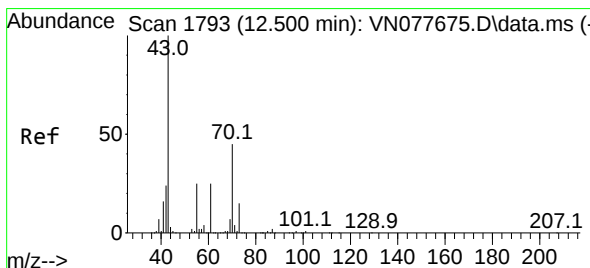
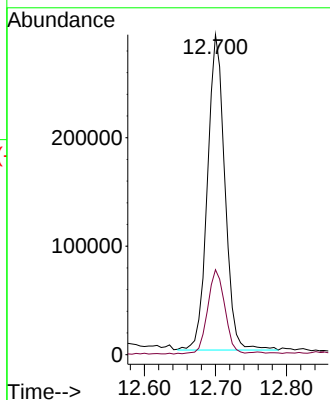
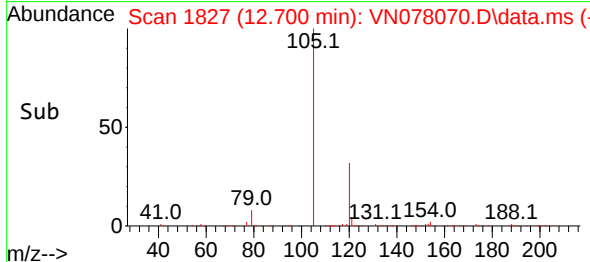
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



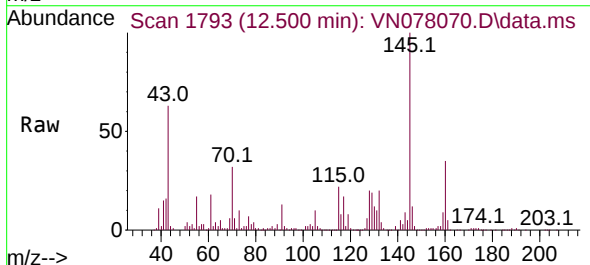
Tgt Ion:105 Resp: 494794
Ion Ratio Lower Upper
105 100
120 26.5 13.1 39.1

Manual Integrations
APPROVED

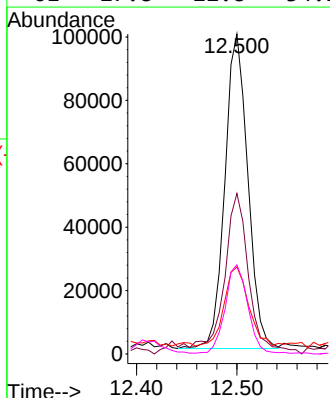
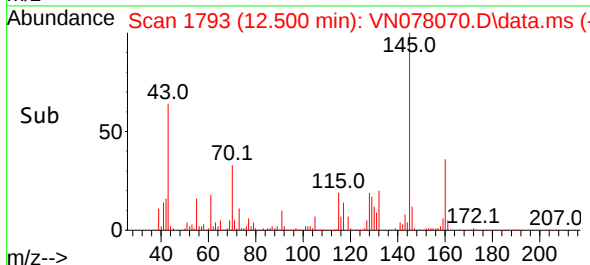
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

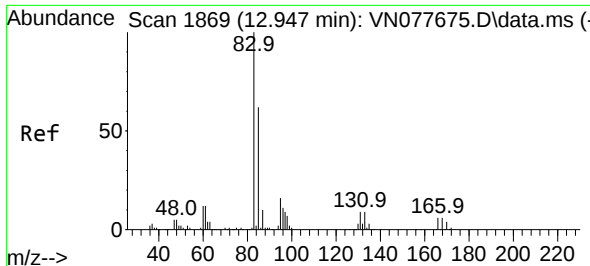


#74
N-ethyl acetate
Concen: 21.494 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02



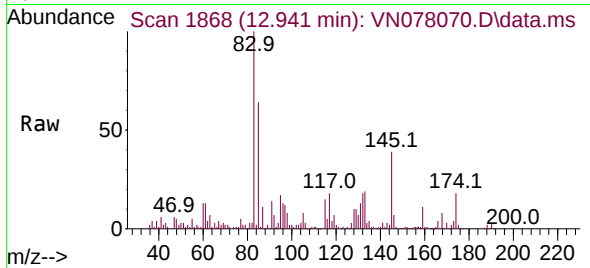
Tgt Ion: 43 Resp: 157528
Ion Ratio Lower Upper
43 100
70 54.9 43.4 65.2
55 27.1 21.4 32.0
61 27.8 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 25.209 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.006 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

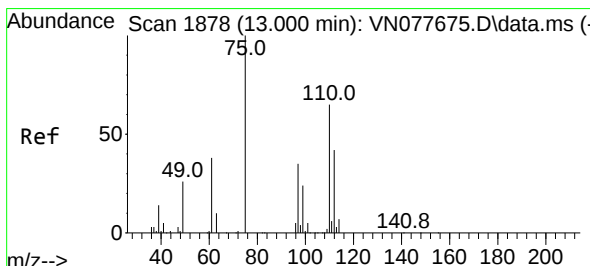
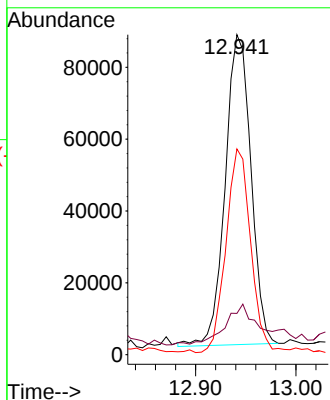
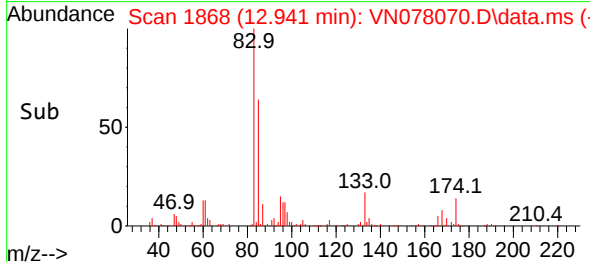
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



Tgt Ion: 83 Resp: 153774
Ion Ratio Lower Upper
83 100
131 16.3 5.0 15.0
85 63.2 31.9 95.7

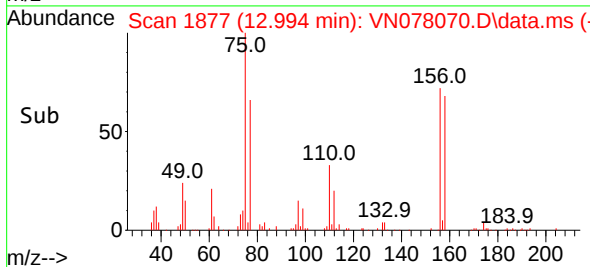
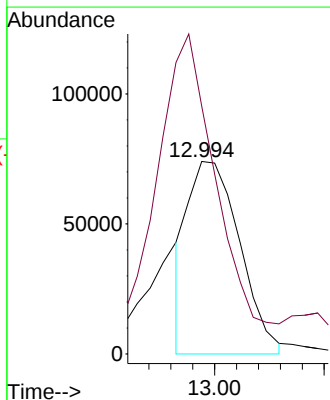
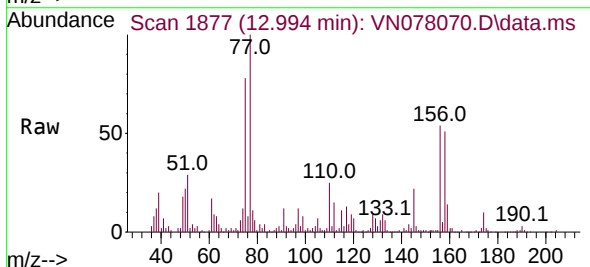
Manual Integrations
APPROVED

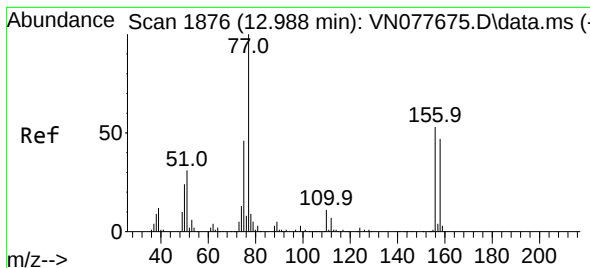
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#76
1,2,3-Trichloropropane
Concen: 21.119 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

Tgt Ion: 75 Resp: 121660
Ion Ratio Lower Upper
75 100
77 195.4 84.5 253.5





#77

Bromobenzene

Concen: 24.958 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN078070.D

Acq: 06 Jun 2023 15:02

Instrument :

MSVOA_N

ClientSampleId :

VN0606WBS01

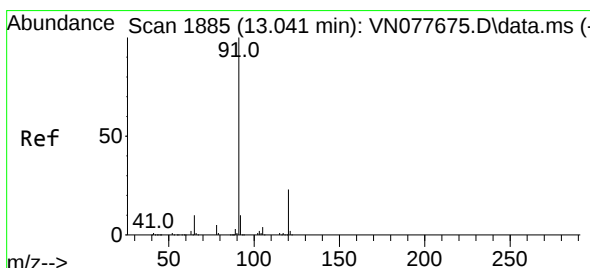
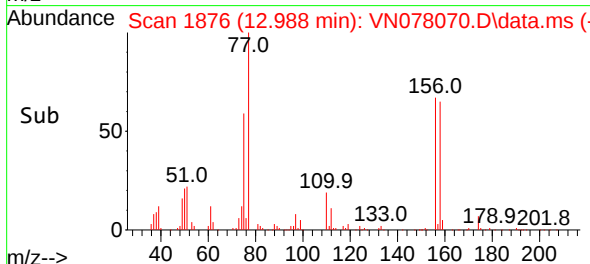
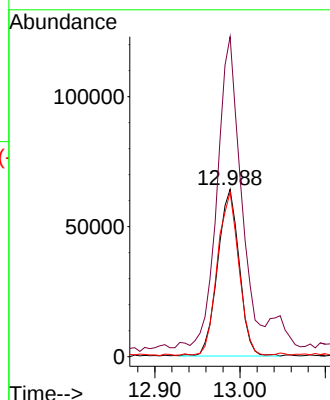
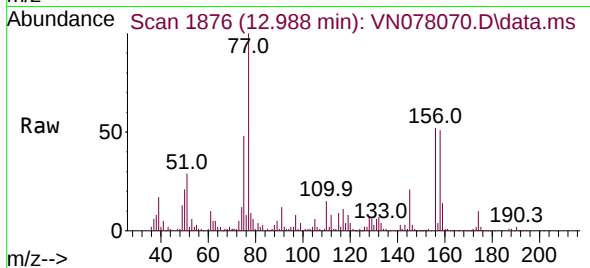
Tgt Ion:	156	Resp:	112934
Ion Ratio	Lower	Upper	
156	100		
77	210.5	107.7	323.3
158	96.3	48.4	145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#78

n-propylbenzene

Concen: 22.761 ug/l

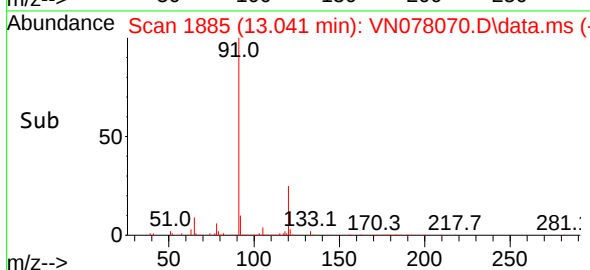
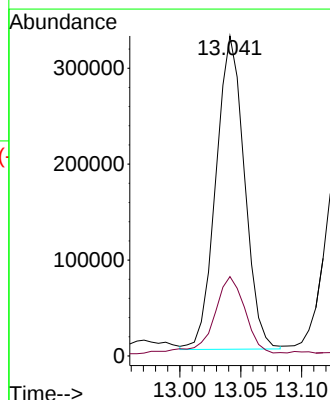
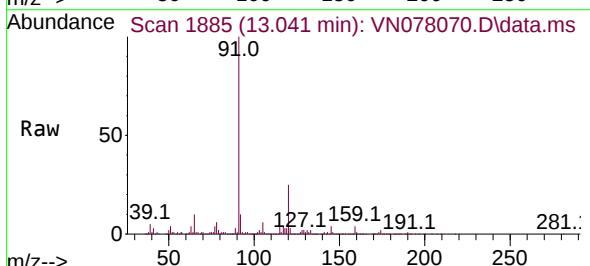
RT: 13.041 min Scan# 1885

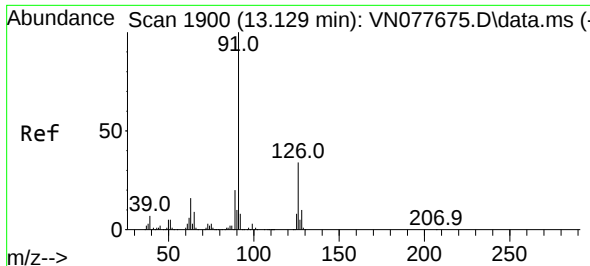
Delta R.T. 0.000 min

Lab File: VN078070.D

Acq: 06 Jun 2023 15:02

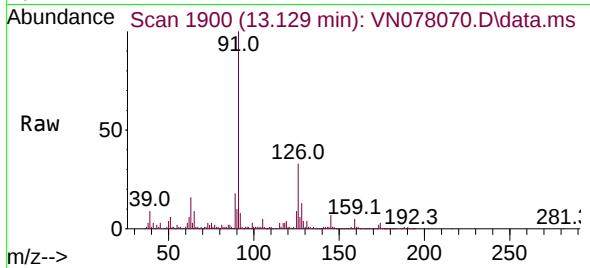
Tgt Ion:	91	Resp:	532055
Ion Ratio	Lower	Upper	
91	100		
120	29.0	11.5	34.4





#79
2-Chlorotoluene
Concen: 23.742 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

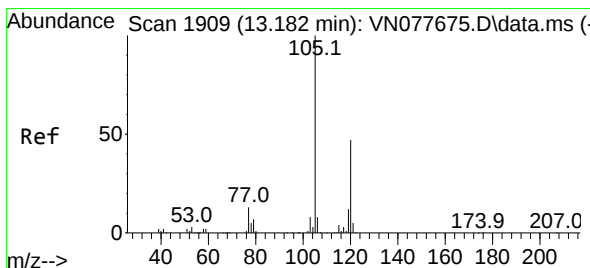
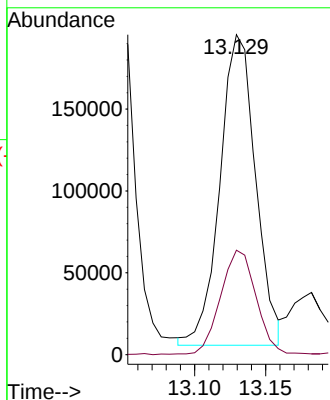
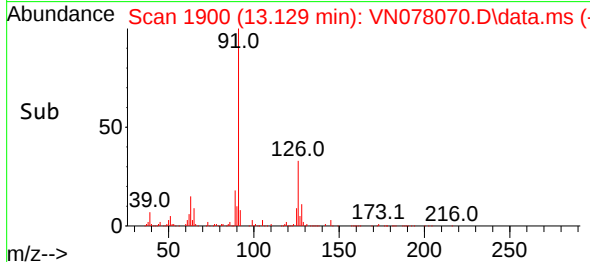
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



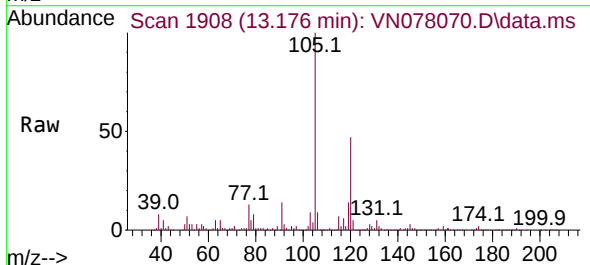
Tgt Ion: 91 Resp: 331170
Ion Ratio Lower Upper
91 100
126 33.8 16.3 48.8

Manual Integrations
APPROVED

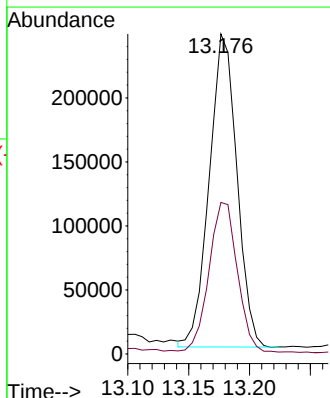
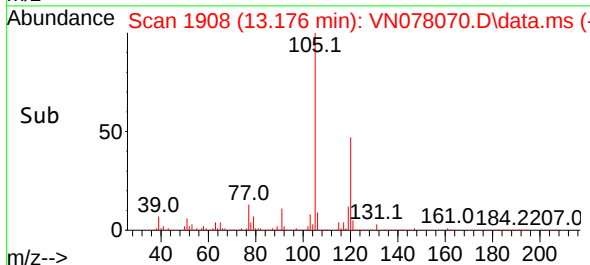
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

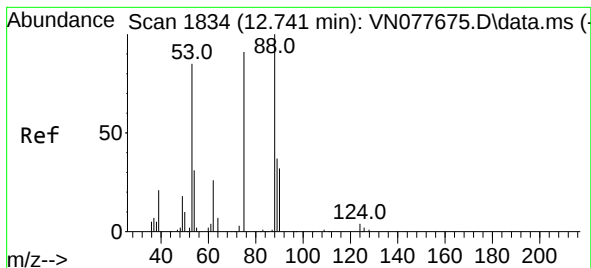


#80
1,3,5-Trimethylbenzene
Concen: 23.169 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.006 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02



Tgt Ion:105 Resp: 386112
Ion Ratio Lower Upper
105 100
120 50.5 24.1 72.3





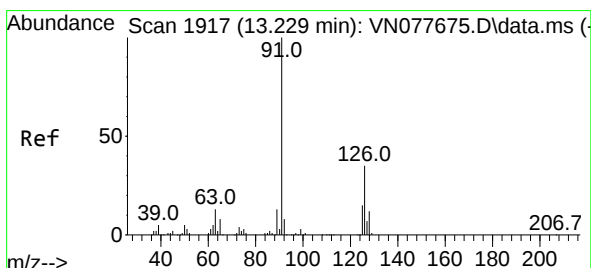
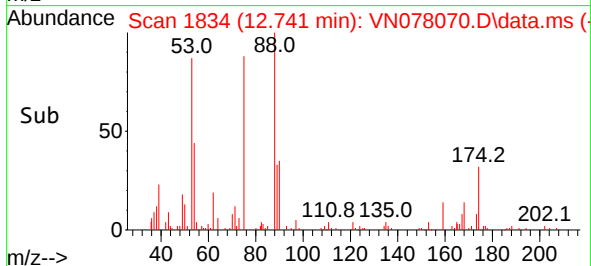
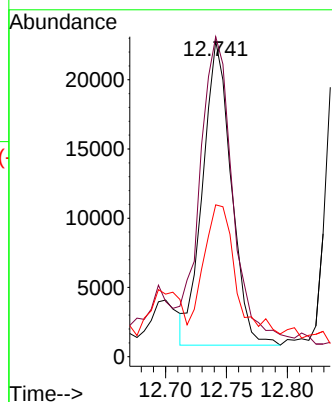
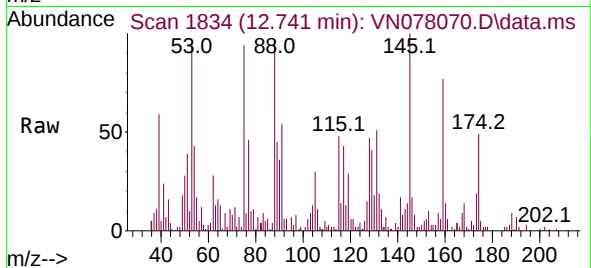
#81
trans-1,4-Dichloro-2-butene
Concen: 19.903 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01

Tgt Ion: 75 Resp: 35869
Ion Ratio Lower Upper
75 100
53 111.7 67.4 101.2
89 46.7 38.8 58.2

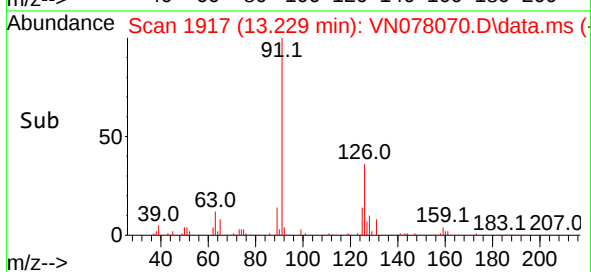
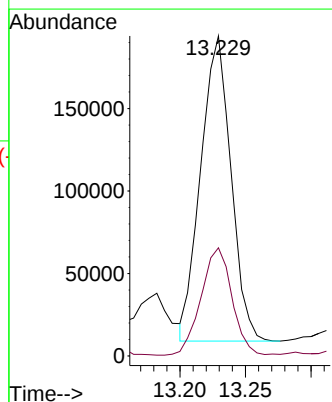
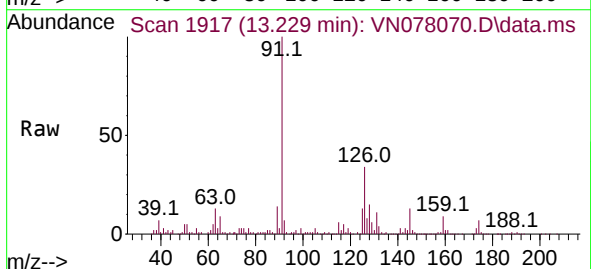
Manual Integrations
APPROVED

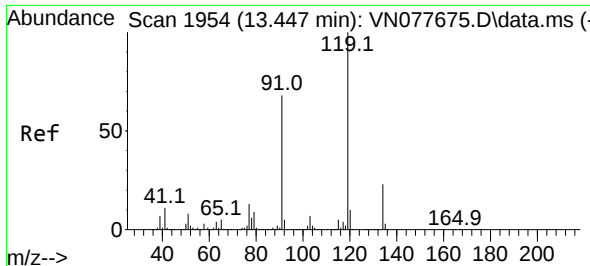
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#82
4-Chlorotoluene
Concen: 21.362 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

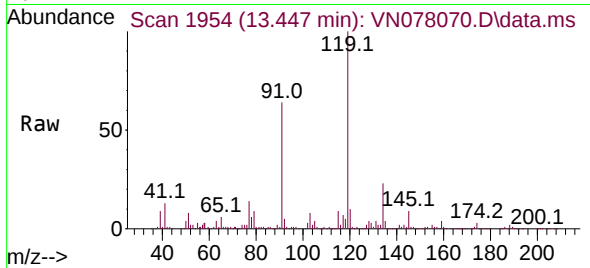
Tgt Ion: 91 Resp: 296479
Ion Ratio Lower Upper
91 100
126 36.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 23.012 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

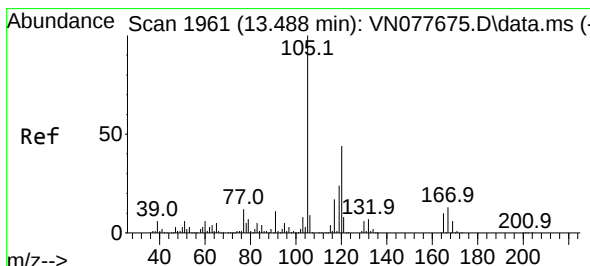
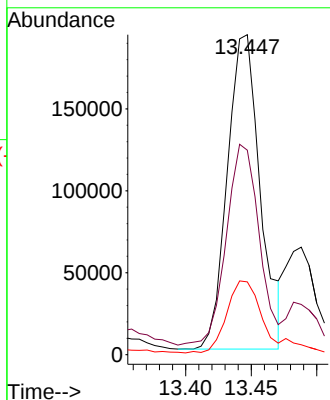
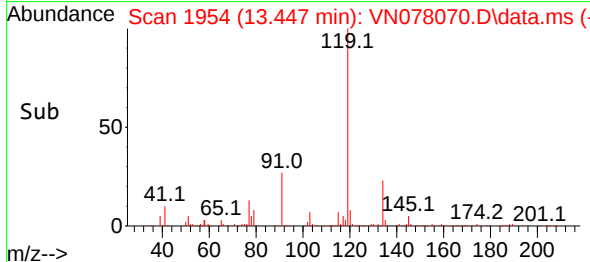
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



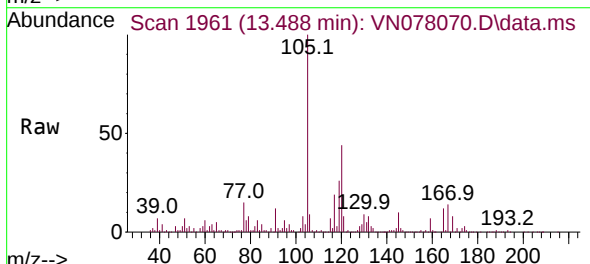
Tgt Ion:119 Resp: 334777
Ion Ratio Lower Upper
119 100
91 63.5 33.9 101.7
134 27.4 13.2 39.6

Manual Integrations
APPROVED

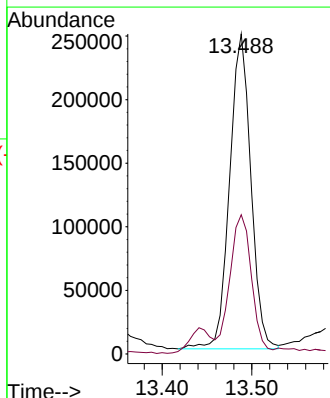
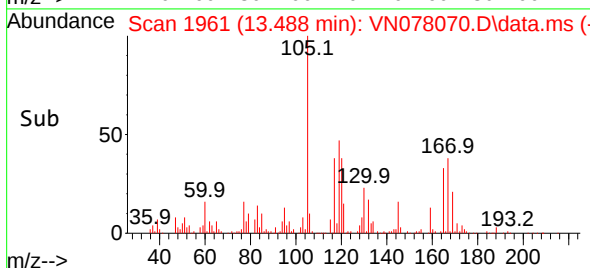
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

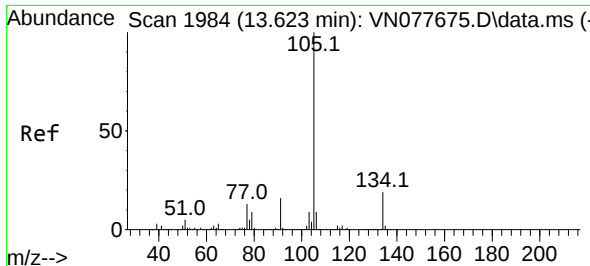


#84
1,2,4-Trimethylbenzene
Concen: 24.884 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02



Tgt Ion:105 Resp: 407838
Ion Ratio Lower Upper
105 100
120 42.4 22.0 66.0





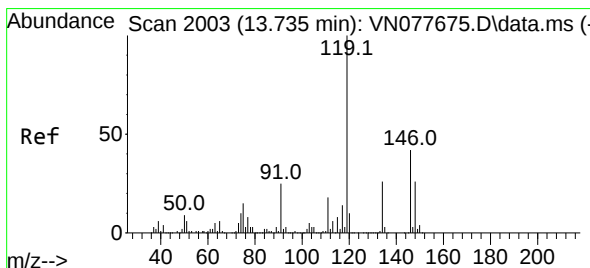
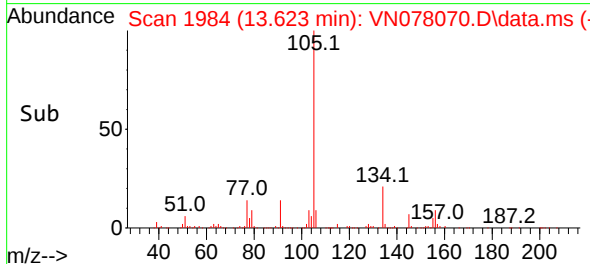
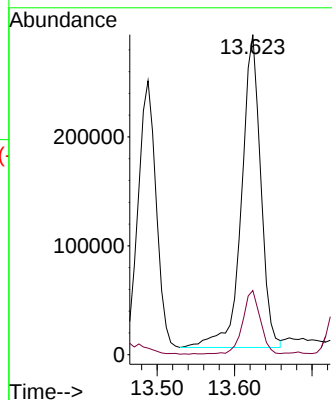
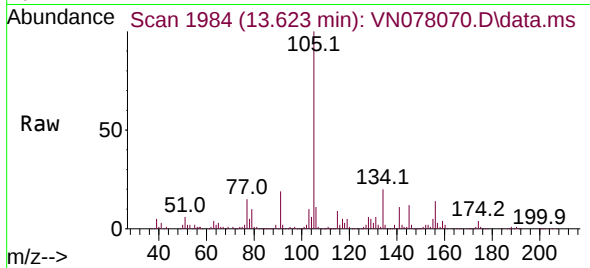
#85
 sec-Butylbenzene
 Concen: 23.934 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078070.D
 Acq: 06 Jun 2023 15:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBS01

Tgt Ion:105 Resp: 494852
 Ion Ratio Lower Upper
 105 100
 134 18.5 9.8 29.3

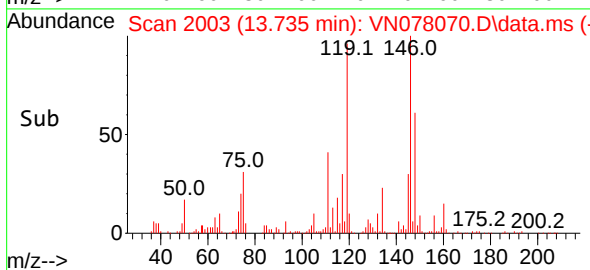
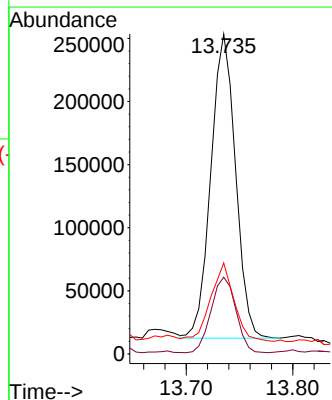
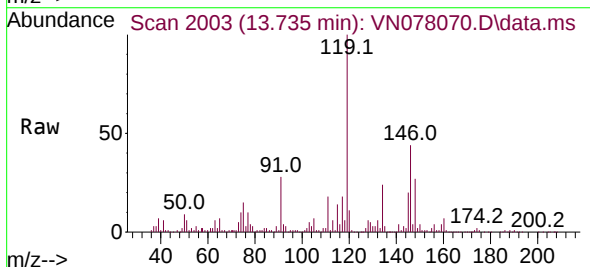
Manual Integrations
 APPROVED

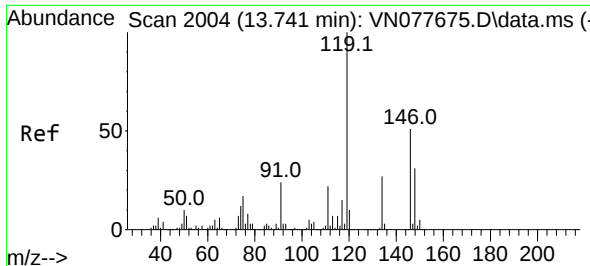
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023



#86
 p-Isopropyltoluene
 Concen: 23.438 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078070.D
 Acq: 06 Jun 2023 15:02

Tgt Ion:119 Resp: 386333
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.6 37.8
 91 24.8 12.4 37.2





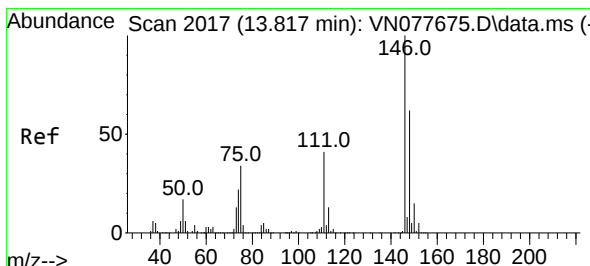
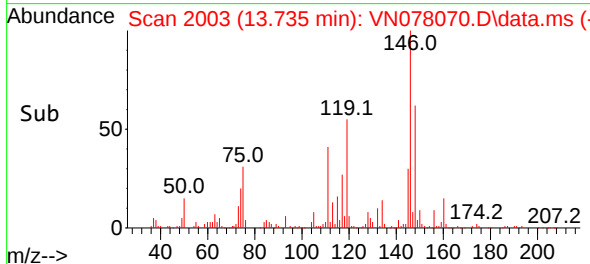
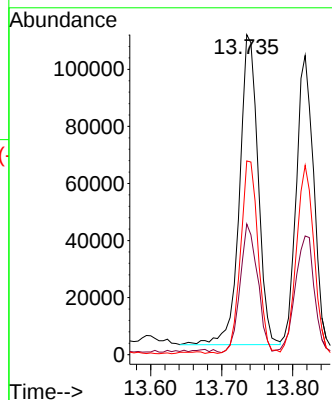
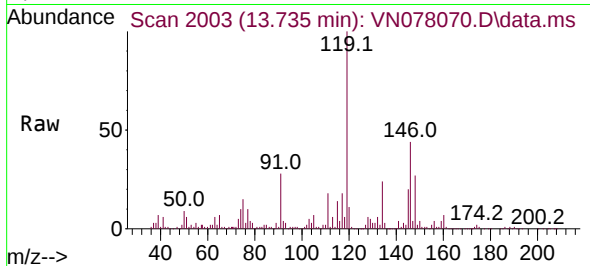
#87
1,3-Dichlorobenzene
Concen: 23.630 ug/l
RT: 13.735 min Scan# 2004
Delta R.T. -0.006 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01

Tgt Ion:146 Resp: 19773
Ion Ratio Lower Upper
146 100
111 39.1 22.1 66.3
148 58.6 32.0 96.0

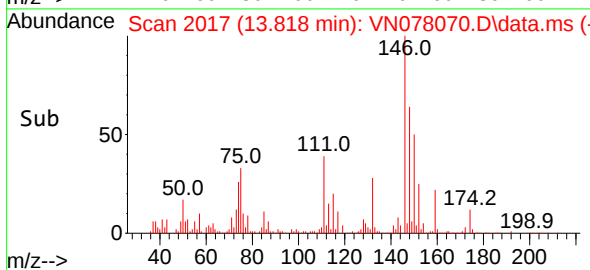
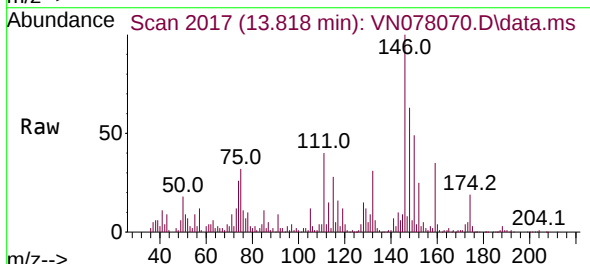
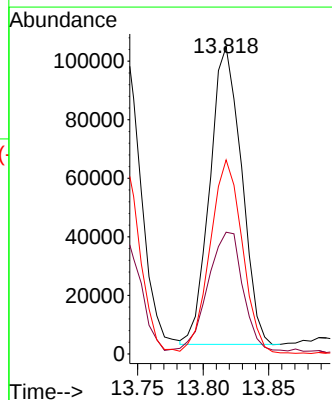
Manual Integrations
APPROVED

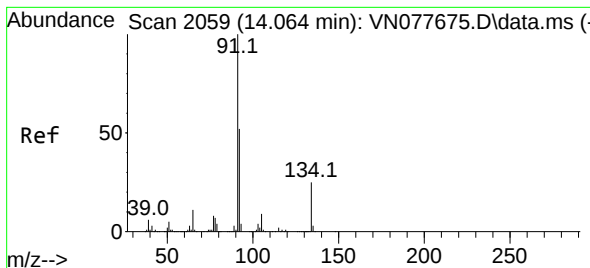
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#88
1,4-Dichlorobenzene
Concen: 20.519 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.001 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

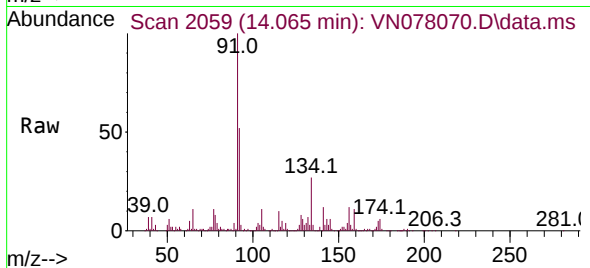
Tgt Ion:146 Resp: 170389
Ion Ratio Lower Upper
146 100
111 43.9 20.6 61.8
148 66.7 31.6 94.8





#89
n-Butylbenzene
Concen: 21.416 ug/l
RT: 14.065 min Scan# 2059
Delta R.T. 0.001 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

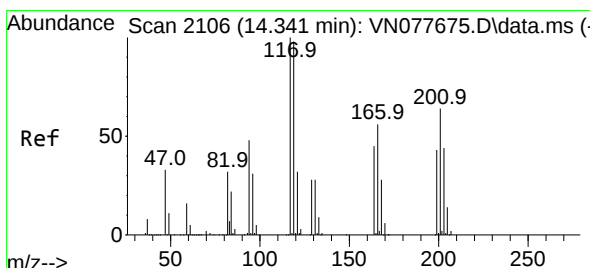
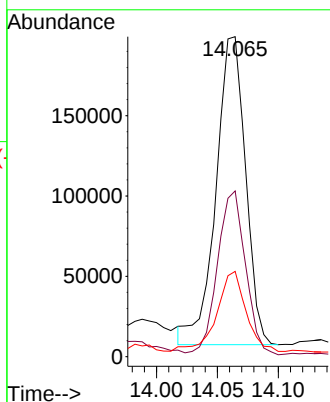
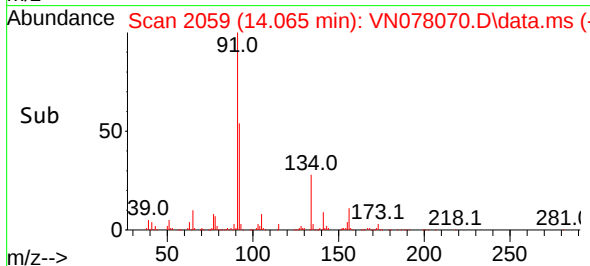
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



Tgt Ion: 91 Resp: 32468
Ion Ratio Lower Upper
91 100
92 49.7 26.4 79.0
134 26.7 12.6 37.6

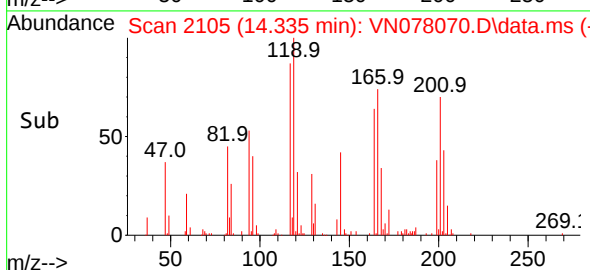
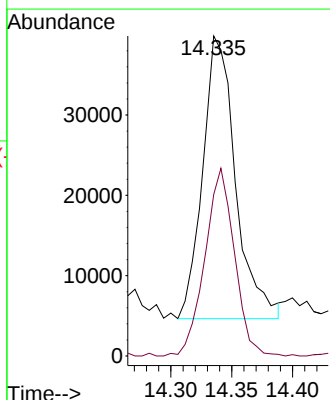
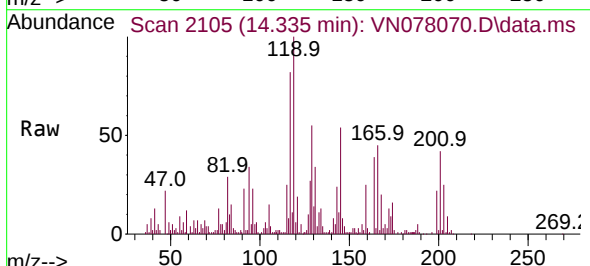
Manual Integrations
APPROVED

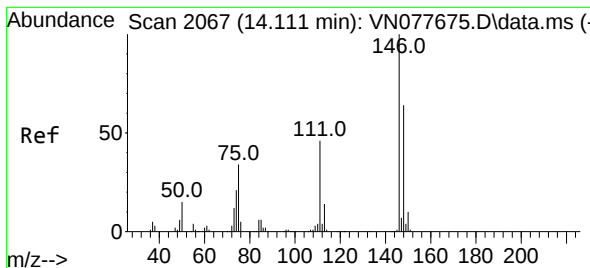
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#90
Hexachloroethane
Concen: 24.436 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.006 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

Tgt Ion:117 Resp: 66168
Ion Ratio Lower Upper
117 100
201 59.7 29.3 88.0





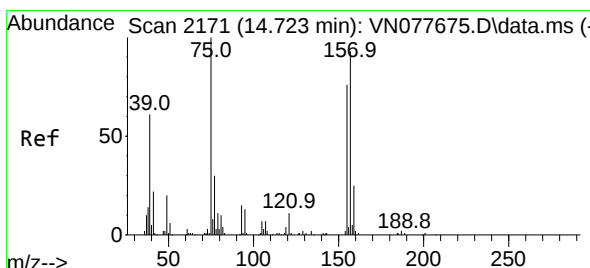
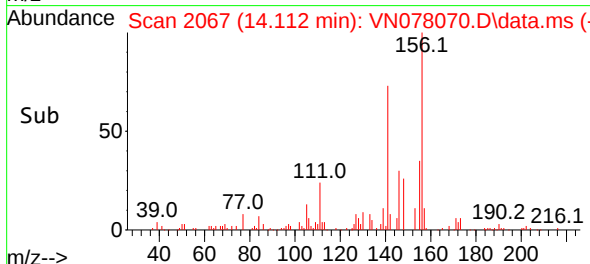
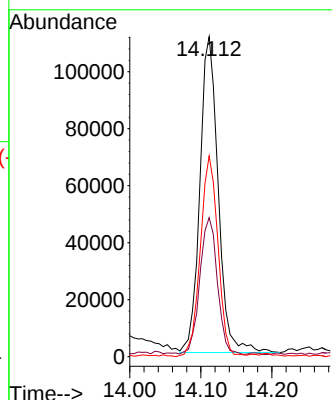
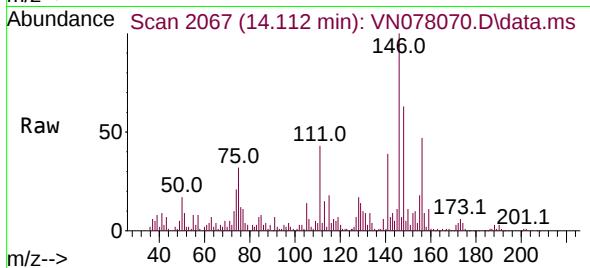
#91
 1,2-Dichlorobenzene
 Concen: 25.511 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. 0.001 min
 Lab File: VN078070.D
 Acq: 06 Jun 2023 15:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBS01

Tgt Ion:146 Resp: 19943
 Ion Ratio Lower Upper
 146 100
 111 41.2 22.0 66.0
 148 61.1 31.8 95.3

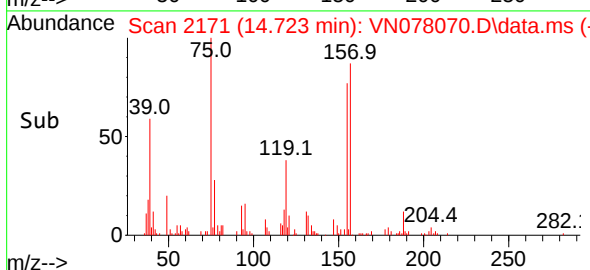
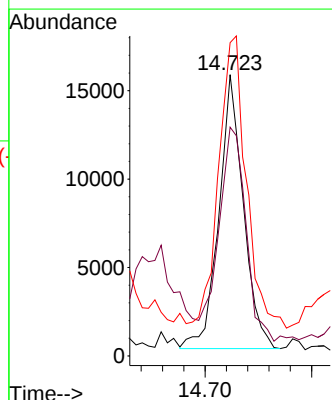
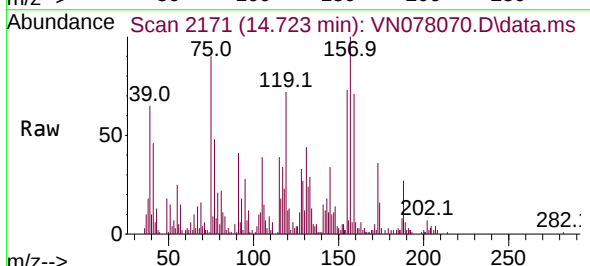
Manual Integrations
 APPROVED

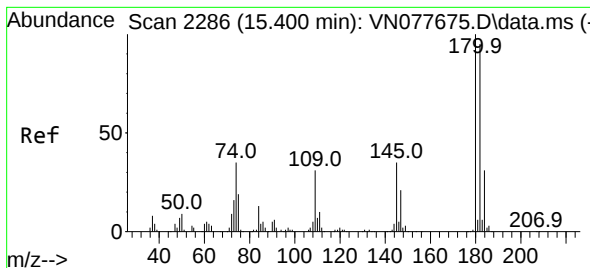
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.882 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN078070.D
 Acq: 06 Jun 2023 15:02

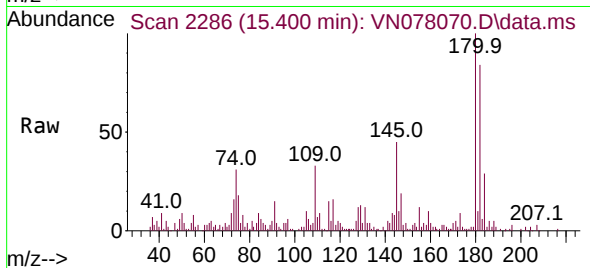
Tgt Ion: 75 Resp: 24661
 Ion Ratio Lower Upper
 75 100
 155 82.4 39.1 117.2
 157 119.9 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 17.639 ug/l
RT: 15.400 min Scan# 2286
Delta R.T. -0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02

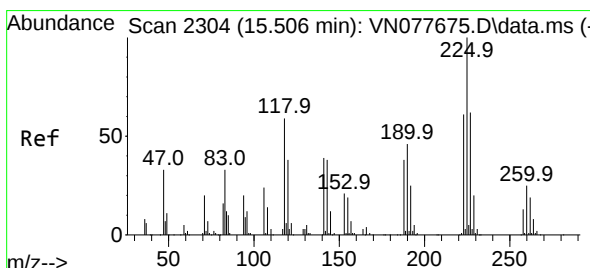
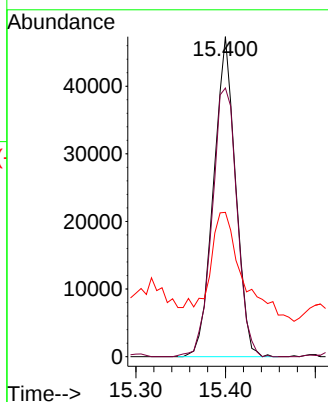
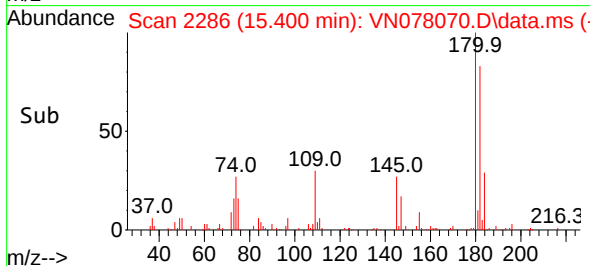
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBS01



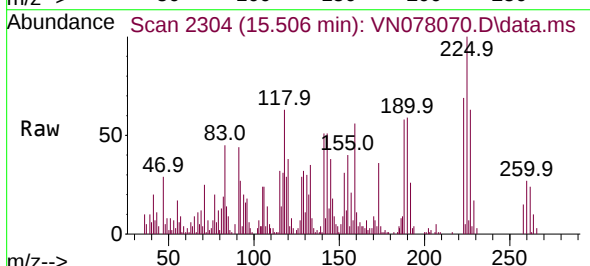
Tgt Ion:180 Resp: 80580
Ion Ratio Lower Upper
180 100
182 95.2 46.1 138.2
145 59.0 16.6 49.8

Manual Integrations
APPROVED

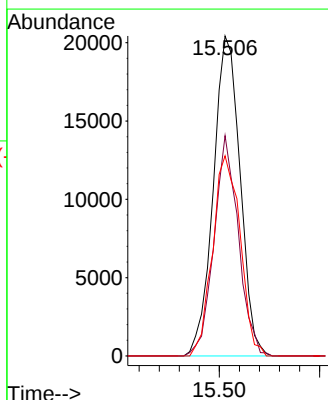
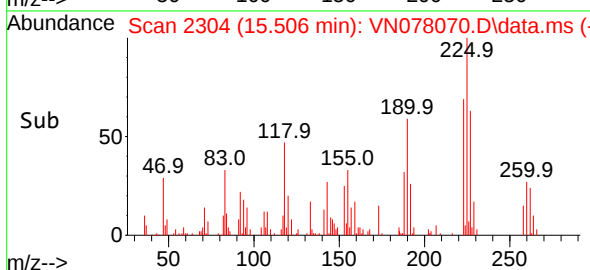
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

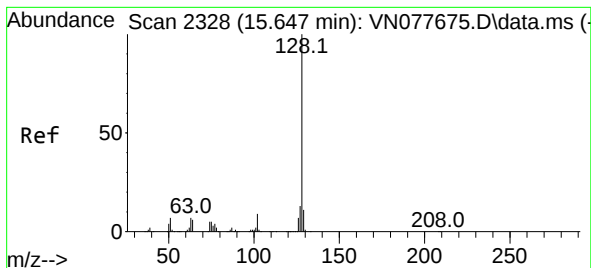


#94
Hexachlorobutadiene
Concen: 19.938 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078070.D
Acq: 06 Jun 2023 15:02



Tgt Ion:225 Resp: 37818
Ion Ratio Lower Upper
225 100
223 62.7 31.3 93.8
227 64.3 31.9 95.9





#95

Naphthalene

Concen: 20.668 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. -0.000 min

Lab File: VN078070.D

Acq: 06 Jun 2023 15:02

Instrument :

MSVOA_N

ClientSampleId :

VN0606WBS01

Tgt Ion:128 Resp: 32498

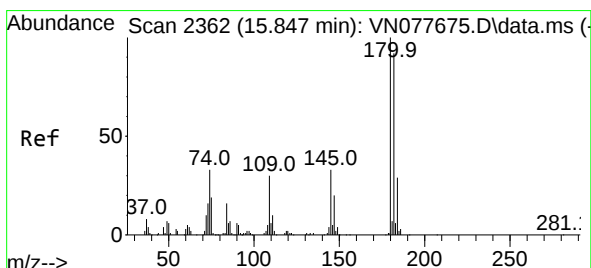
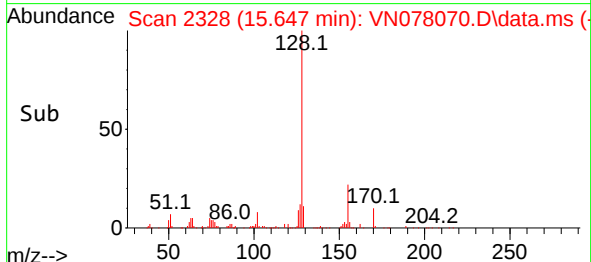
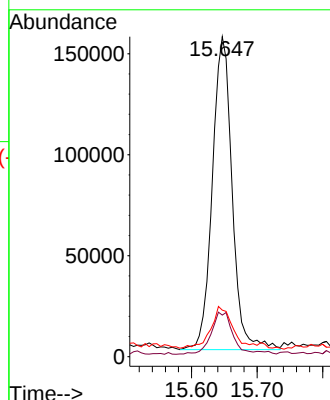
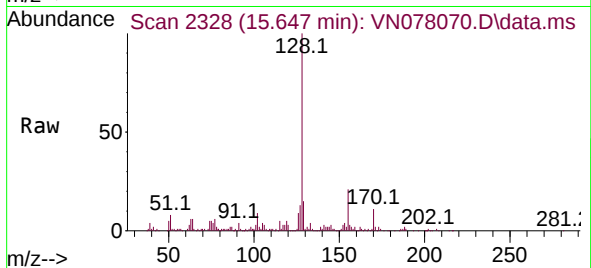
Ion	Ratio	Lower	Upper
128	100		
127	14.3	10.0	15.0
129	14.5	8.7	13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#96

1,2,3-Trichlorobenzene

Concen: 19.765 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. -0.000 min

Lab File: VN078070.D

Acq: 06 Jun 2023 15:02

Tgt Ion:180 Resp: 88405

Ion	Ratio	Lower	Upper
180	100		
182	96.2	46.2	138.6
145	69.9	17.5	52.6

