

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
 Data File : VN078071.D
 Acq On : 06 Jun 2023 15:36
 Operator : JC\MD
 Sample : VN0606WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBSD01

Manual Integrations
 APPROVED

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

Quant Time: Jun 07 01:22:18 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	8.235	168	362113	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	635753	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	551295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	210287	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	240594	44.405	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.820%		
35) Dibromofluoromethane	8.177	113	209458	50.524	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.040%		
50) Toluene-d8	10.571	98	737513	46.219	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.440%		
62) 4-Bromofluorobenzene	12.853	95	243148	43.144	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.280%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	61521	14.928	ug/l	99
3) Chloromethane	2.371	50	73476	15.583	ug/l	100
4) Vinyl Chloride	2.518	62	93577	18.010	ug/l	96
5) Bromomethane	2.965	94	74768	19.457	ug/l	100
6) Chloroethane	3.130	64	68019	18.165	ug/l	96
7) Trichlorofluoromethane	3.500	101	140436	19.395	ug/l	92
8) Diethyl Ether	3.971	74	56510	21.377	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.389	101	77736	19.399	ug/l	98
10) Methyl Iodide	4.600	142	109354	22.882	ug/l	98
11) Tert butyl alcohol	5.530	59	76323	102.070	ug/l	99
12) 1,1-Dichloroethene	4.353	96	75444	19.809	ug/l	87
13) Acrolein	4.194	56	54917	100.919	ug/l	97
14) Allyl chloride	5.036	41	98187	17.549	ug/l	95
15) Acrylonitrile	5.730	53	207627	103.932	ug/l	99
16) Acetone	4.441	43	162423	95.284	ug/l	98
17) Carbon Disulfide	4.724	76	145605	14.189	ug/l	96
18) Methyl Acetate	5.036	43	150096	20.989	ug/l	93
19) Methyl tert-butyl Ether	5.812	73	296660	21.519	ug/l	99
20) Methylene Chloride	5.283	84	99454	21.281	ug/l	95
21) trans-1,2-Dichloroethene	5.800	96	83962	19.625	ug/l	95
22) Diisopropyl ether	6.683	45	270627	20.636	ug/l #	91
23) Vinyl Acetate	6.612	43	791079	97.359	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	166253	20.692	ug/l	96
25) 2-Butanone	7.494	43	262493	98.440	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	132625	19.430	ug/l	98
27) cis-1,2-Dichloroethene	7.500	96	110063	21.456	ug/l	95
28) Bromochloromethane	7.824	49	75325	21.678	ug/l	93
29) Tetrahydrofuran	7.847	42	163333	93.545	ug/l	90
30) Chloroform	7.977	83	183986	20.817	ug/l	99
31) Cyclohexane	8.265	56	114036	15.486	ug/l	85
32) 1,1,1-Trichloroethane	8.177	97	154707	20.589	ug/l	99
36) 1,1-Dichloropropene	8.377	75	125601	20.714	ug/l	99
37) Ethyl Acetate	7.565	43	105610	19.541	ug/l	96
38) Carbon Tetrachloride	8.371	117	133786	21.850	ug/l	97
39) Methylcyclohexane	9.606	83	111929	15.078	ug/l	91
40) Benzene	8.612	78	390509	21.824	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	62998	21.887	ug/l	89
42) 1,2-Dichloroethane	8.677	62	137384	21.136	ug/l	98
43) Isopropyl Acetate	8.694	43	193813	21.955	ug/l	95
44) Trichloroethene	9.359	130	98793	21.805	ug/l	96
45) 1,2-Dichloropropane	9.629	63	105366	23.085	ug/l #	87
46) Dibromomethane	9.718	93	73350	22.459	ug/l	92
47) Bromodichloromethane	9.894	83	139982	22.387	ug/l	94
48) Methyl methacrylate	9.688	41	87218	20.838	ug/l	90
49) 1,4-Dioxane	9.700	88	36906	466.855	ug/l	92
51) 4-Methyl-2-Pentanone	10.453	43	579252	110.388	ug/l	93
52) Toluene	10.635	92	245761	22.062	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	147232	22.236	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	163050	22.345	ug/l	98
55) 1,1,2-Trichloroethane	11.023	97	104898	23.716	ug/l	97
56) Ethyl methacrylate	10.882	69	151445	22.645	ug/l	91
57) 1,3-Dichloropropane	11.165	76	176501	23.277	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	304176	92.451	ug/l	93
59) 2-Hexanone	11.200	43	402851	103.793	ug/l	93
60) Dibromochloromethane	11.365	129	106934	23.418	ug/l	97
61) 1,2-Dibromoethane	11.476	107	104710	23.730	ug/l	98
64) Tetrachloroethene	11.112	164	76129	19.746	ug/l	97
65) Chlorobenzene	11.900	112	271496	22.717	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	102633	24.818	ug/l	97
67) Ethyl Benzene	11.970	91	464705	21.697	ug/l	99
68) m/p-Xylenes	12.076	106	358502	44.176	ug/l	98
69) o-Xylene	12.406	106	184068	23.063	ug/l	97
70) Styrene	12.417	104	284705	22.456	ug/l	97
71) Bromoform	12.582	173	69654	25.320	ug/l #	97
73) Isopropylbenzene	12.700	105	434843	23.989	ug/l	100
74) N-amyl acetate	12.500	43	150377	22.444	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	152293	27.310	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	115849m	21.998	ug/l	
77) Bromobenzene	12.982	156	107061	25.881	ug/l	93
78) n-propylbenzene	13.041	91	461746	21.607	ug/l	98
79) 2-Chlorotoluene	13.129	91	302306	23.706	ug/l	96
80) 1,3,5-Trimethylbenzene	13.182	105	353455	23.200	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	36946	22.425	ug/l	90
82) 4-Chlorotoluene	13.229	91	277465	21.869	ug/l	97
83) tert-Butylbenzene	13.447	119	296183	22.270	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	357625	23.868	ug/l	97
85) sec-Butylbenzene	13.623	105	394281	20.860	ug/l	99
86) p-Isopropyltoluene	13.735	119	330829	21.954	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	173902	22.732	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	165193	21.761	ug/l	98
89) n-Butylbenzene	14.064	91	267930	19.331	ug/l	97
90) Hexachloroethane	14.347	117	55066	22.244	ug/l	89
91) 1,2-Dichlorobenzene	14.111	146	179220	25.077	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.729	75	25388	23.516	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	67426	16.144	ug/l #	87
94) Hexachlorobutadiene	15.506	225	32527	18.758	ug/l	99
95) Naphthalene	15.647	128	255211	17.753	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.847	180	75940	18.571	ug/l #	88

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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

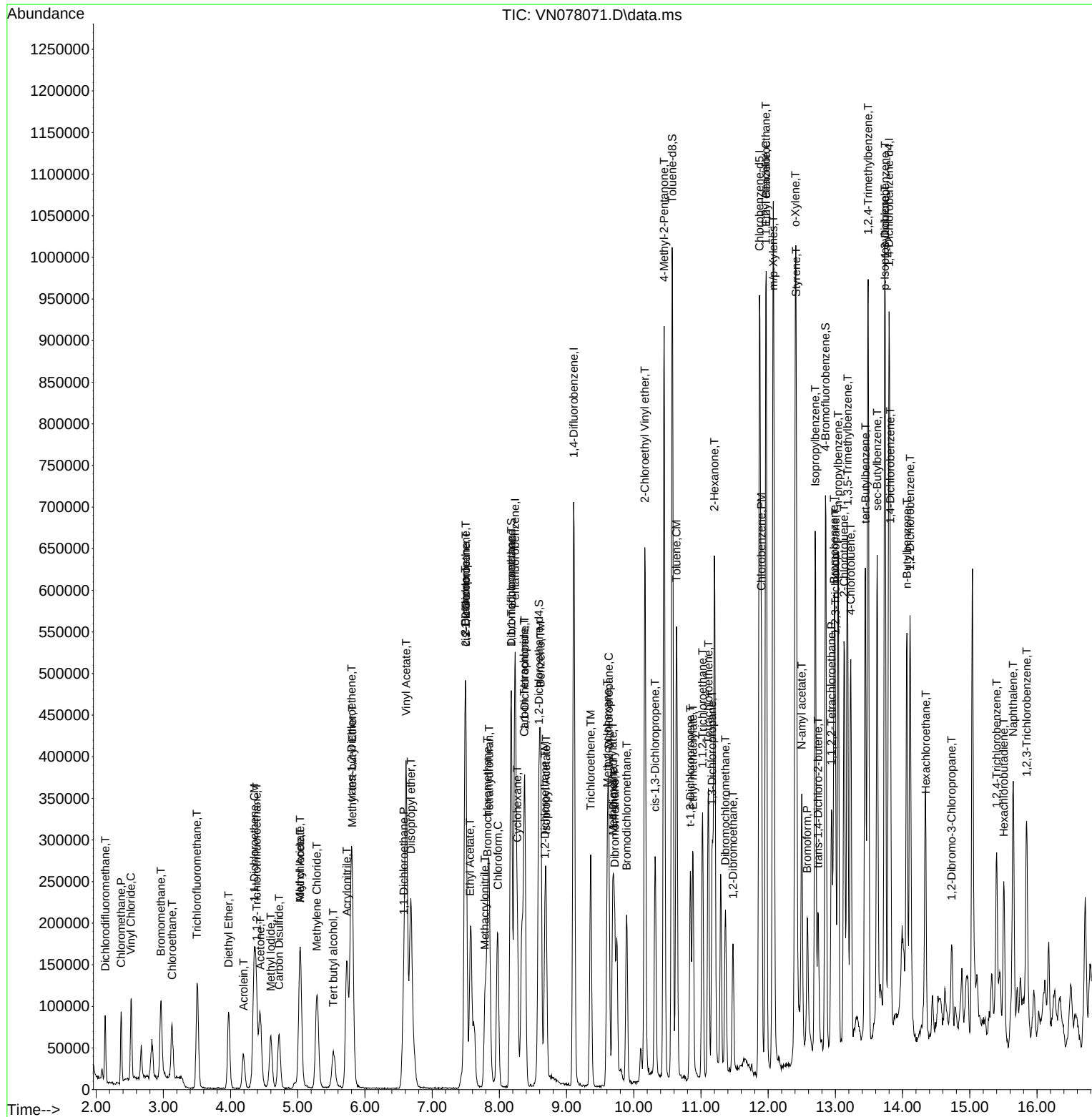
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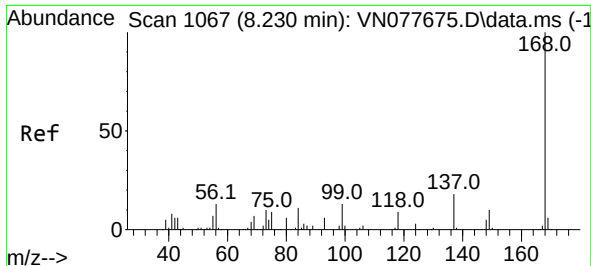
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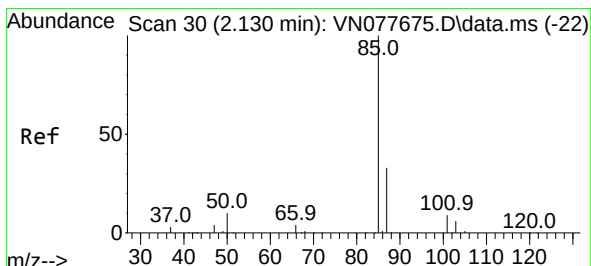
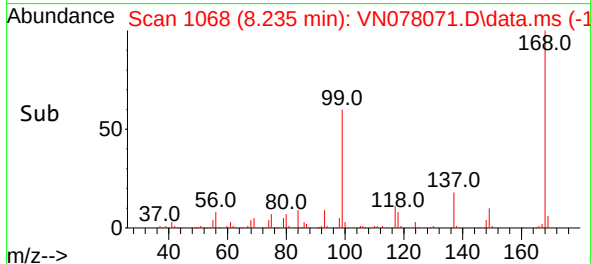
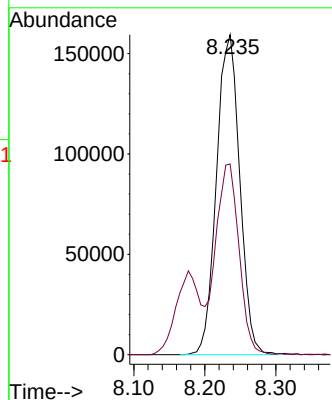
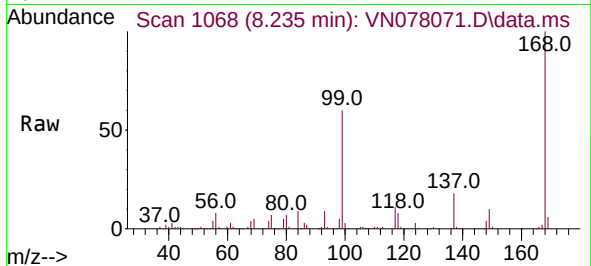
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 10
Delta R.T. 0.005 min
Lab File: VN078071.D
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Tgt Ion:168 Resp: 36211
Ion Ratio Lower Upper
168 100
99 59.2 53.0 79.6

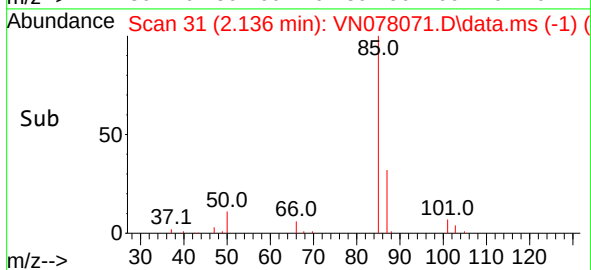
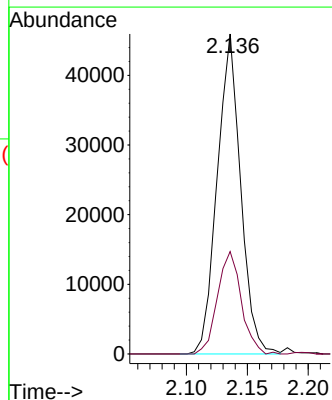
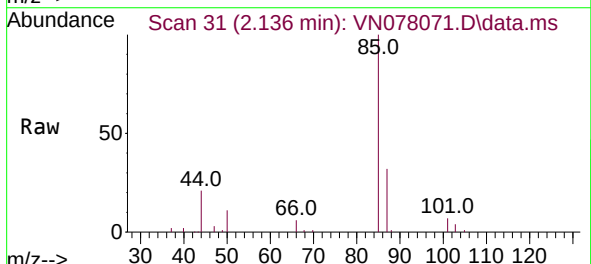
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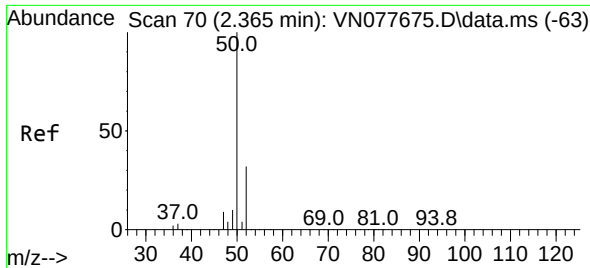
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#2
Dichlorodifluoromethane
Concen: 14.928 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

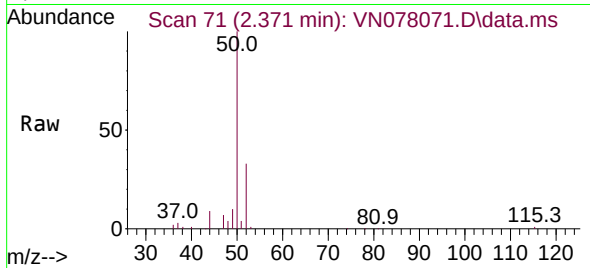
Tgt Ion: 85 Resp: 61521
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.4





#3
Chloromethane
Concen: 15.583 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

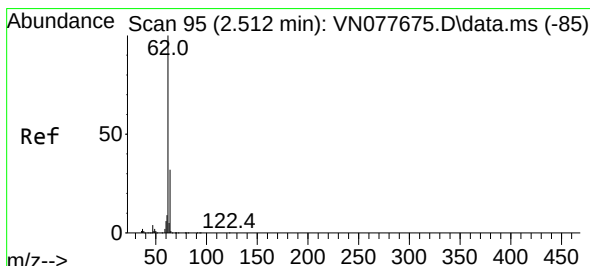
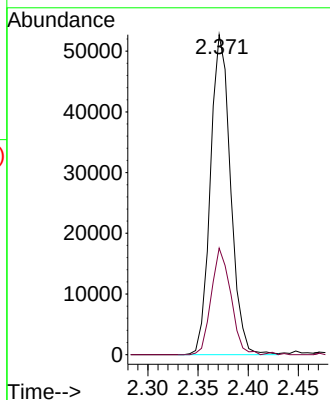
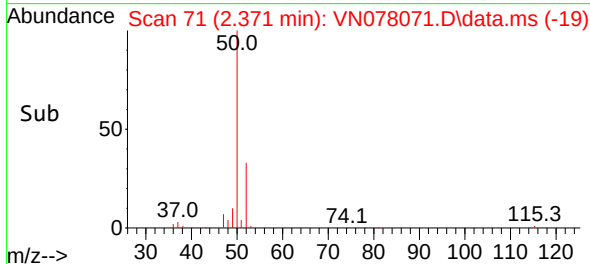
Instrument :
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Tgt Ion: 50 Resp: 73470
Ion Ratio Lower Upper
50 100
52 33.3 26.5 39.7

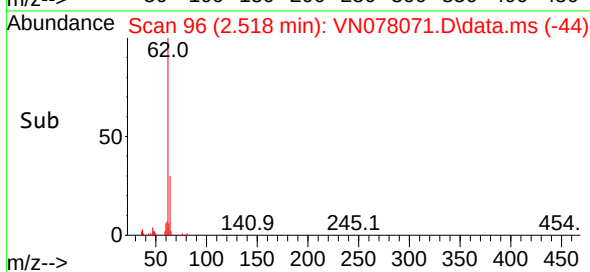
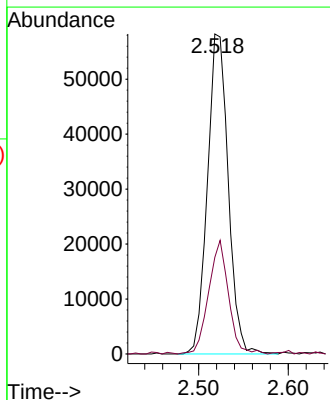
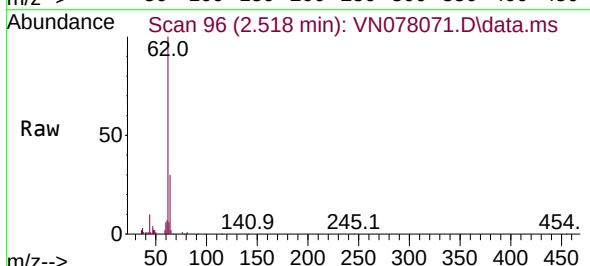
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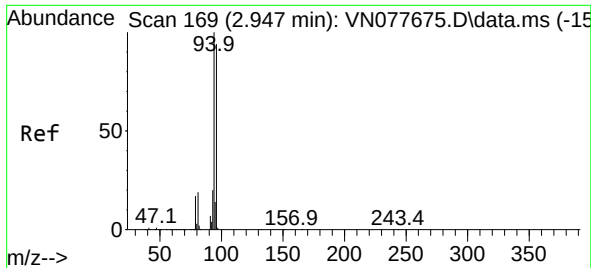
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#4
Vinyl Chloride
Concen: 18.010 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN078071.D
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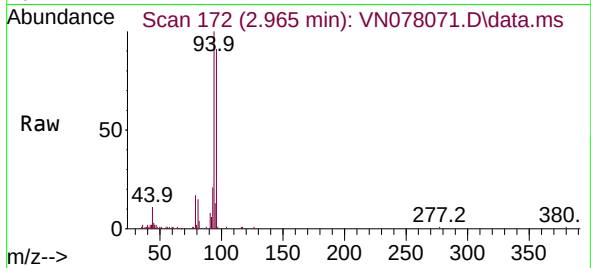
Tgt Ion: 62 Resp: 93577
Ion Ratio Lower Upper
62 100
64 30.2 26.2 39.2





#5
Bromomethane
Concen: 19.457 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

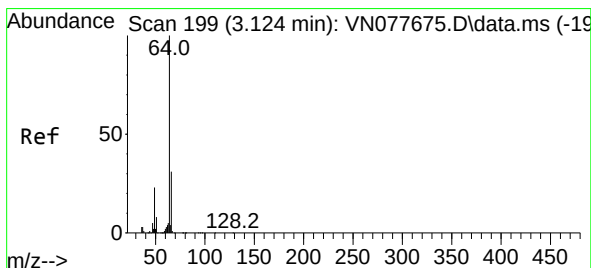
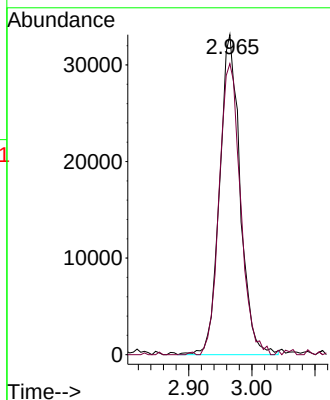
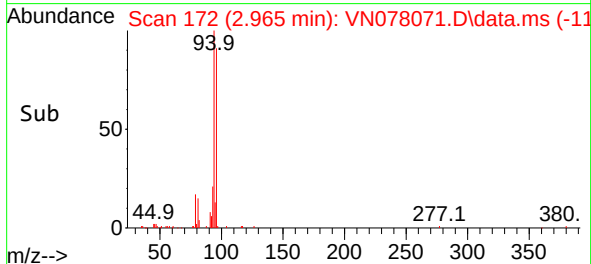
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Tgt Ion: 94 Resp: 74768
Ion Ratio Lower Upper
94 100
96 91.0 73.1 109.7

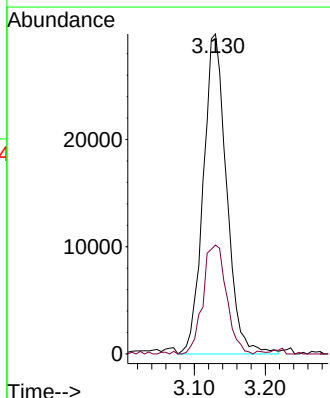
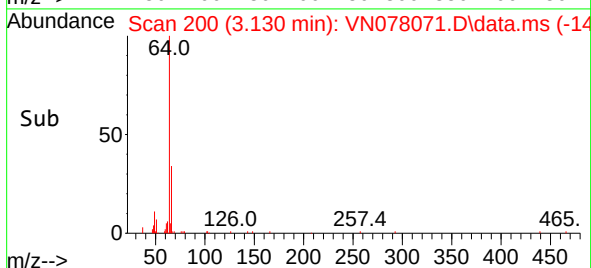
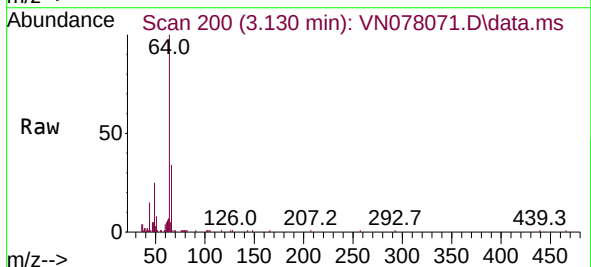
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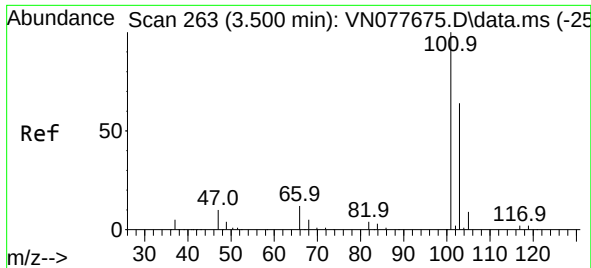
Reviewed By :John Carlone 06/07/2023
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#6
Chloroethane
Concen: 18.165 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.006 min
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Acq: 06 Jun 2023 15:36

Tgt Ion: 64 Resp: 68019
Ion Ratio Lower Upper
64 100
66 34.0 25.4 38.2





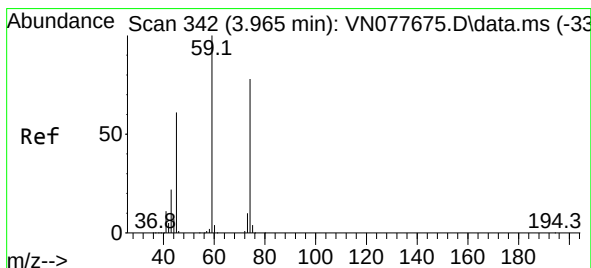
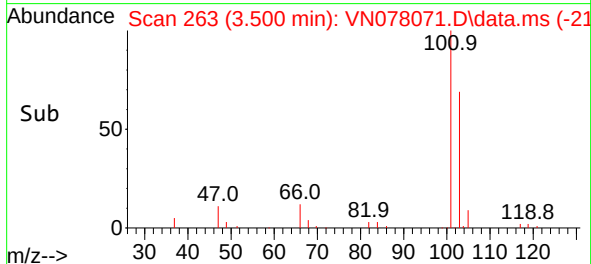
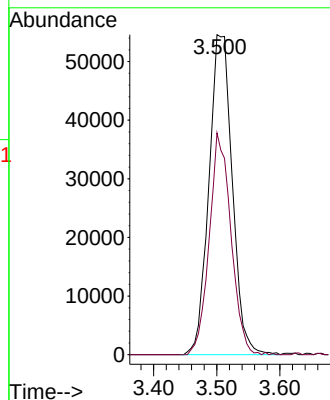
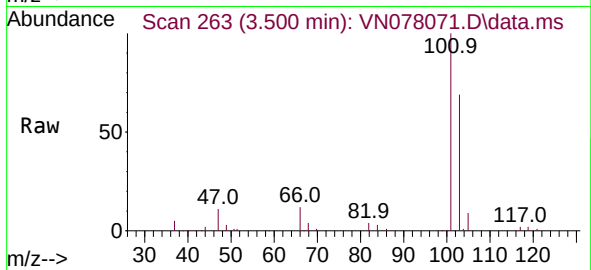
#7
 Trichlorofluoromethane
 Concen: 19.395 ug/l
 RT: 3.500 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VN078071.D
 Acq: 06 Jun 2023 15:36

Instrument :
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Tgt Ion:101 Resp: 140430
 Ion Ratio Lower Upper
 101 100
 103 69.3 50.7 76.1

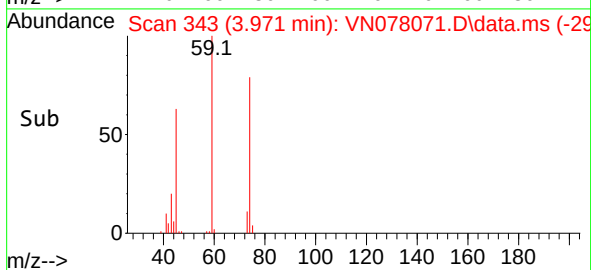
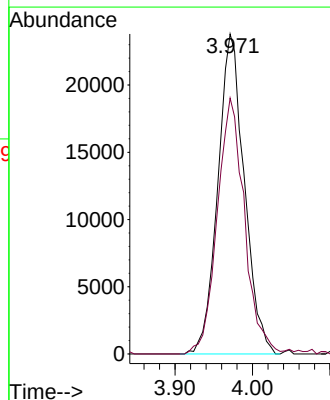
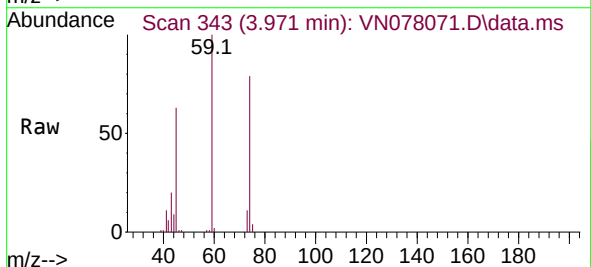
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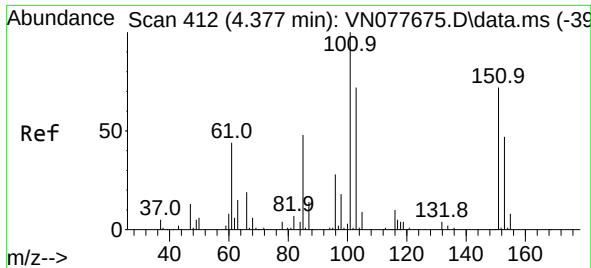
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023



#8
 Diethyl Ether
 Concen: 21.377 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.006 min
 Lab File: VN078071.D
 Acq: 06 Jun 2023 15:36

Tgt Ion: 74 Resp: 56510
 Ion Ratio Lower Upper
 74 100
 45 82.2 34.4 103.3





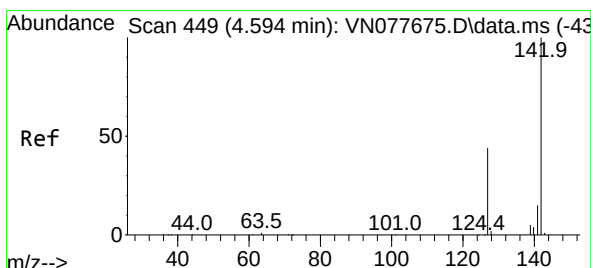
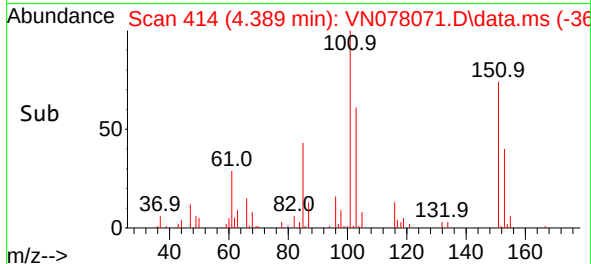
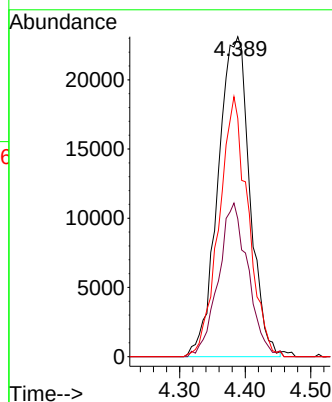
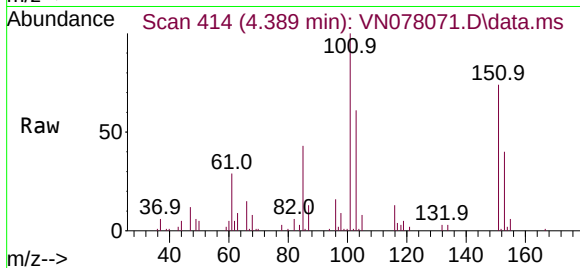
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.399 ug/l
RT: 4.389 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01

Tgt Ion:101 Resp: 77730
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 74.5 57.6 86.4

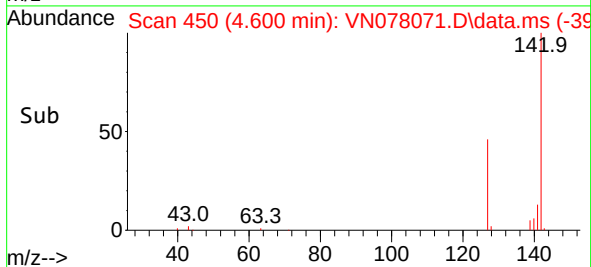
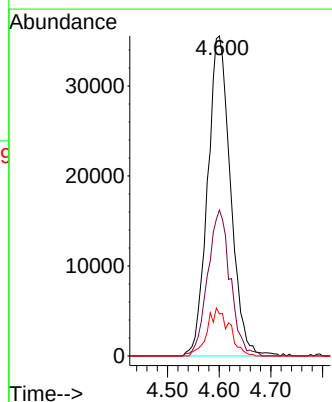
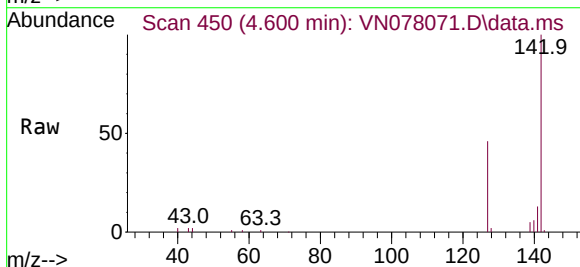
Manual Integrations
APPROVED

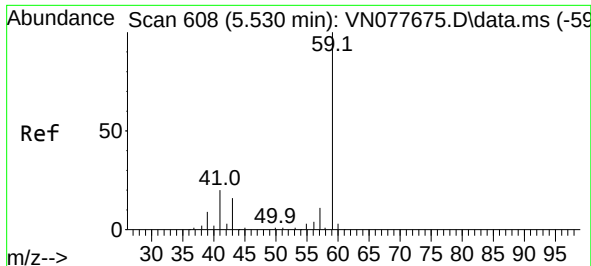
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#10
Methyl Iodide
Concen: 22.882 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

Tgt Ion:142 Resp: 109354
Ion Ratio Lower Upper
142 100
127 45.6 37.6 56.4
141 13.1 11.4 17.0





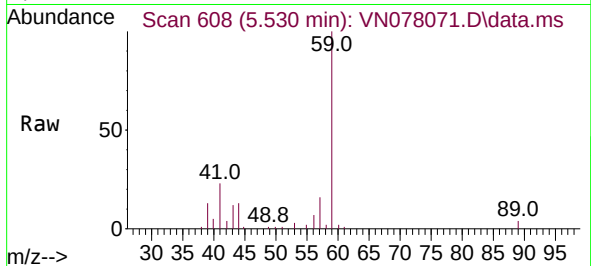
#11
Tert butyl alcohol
Concen: 102.070 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0606WBSD01



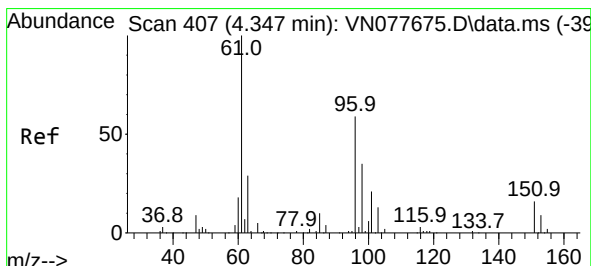
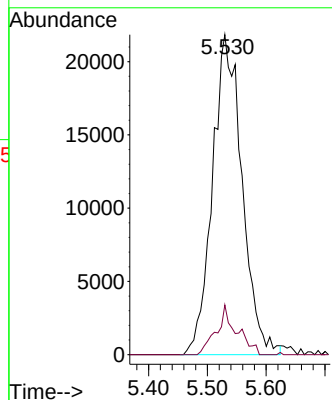
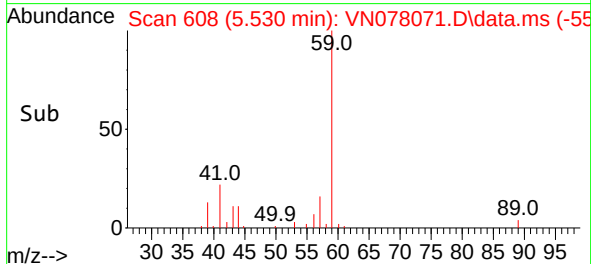
Tgt Ion: 59 Resp: 7632
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

Manual Integrations

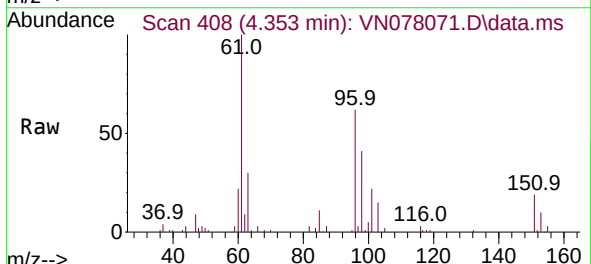
APPROVED

Reviewed By :John Carlone 06/07/2023

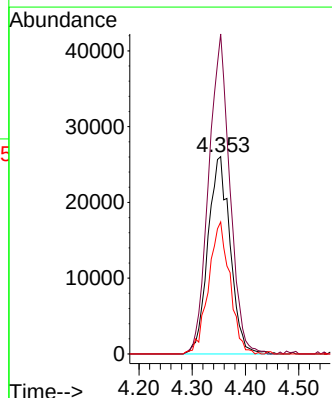
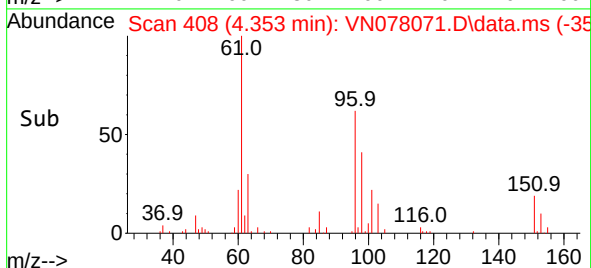
Supervised By :Mahesh Dadoda 06/07/2023

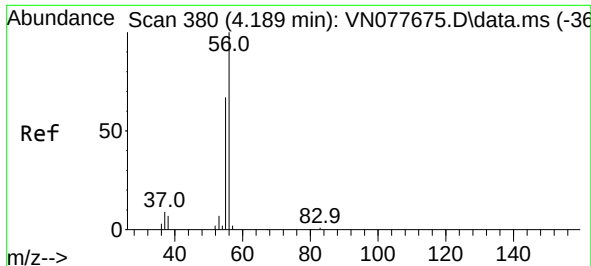


#12
1,1-Dichloroethene
Concen: 19.809 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36



Tgt Ion: 96 Resp: 75444
Ion Ratio Lower Upper
96 100
61 162.2 112.7 169.1
98 67.0 51.2 76.8





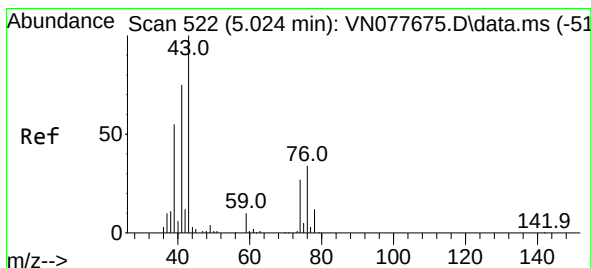
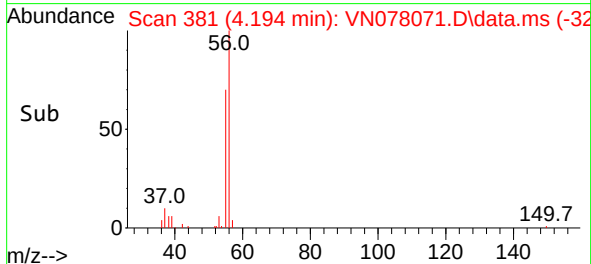
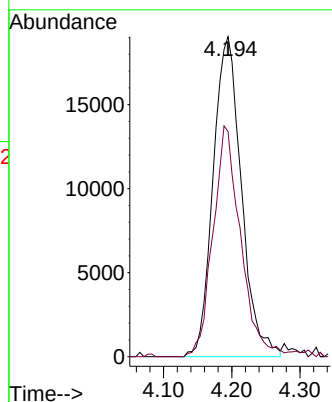
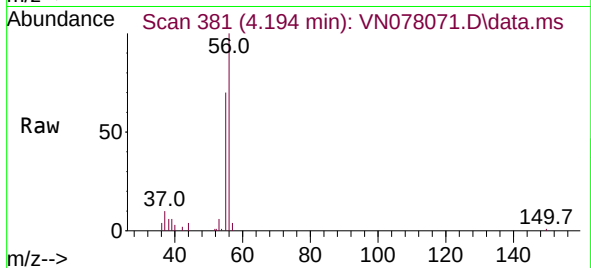
#13
Acrolein
Concen: 100.919 ug/l
RT: 4.194 min Scan# 381
Delta R.T. 0.005 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01

Tgt Ion: 56 Resp: 5491
Ion Ratio Lower Upper
56 100
55 70.5 54.5 81.7

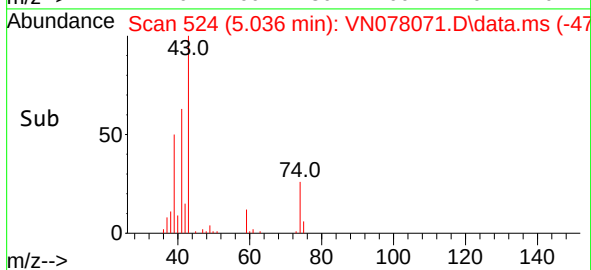
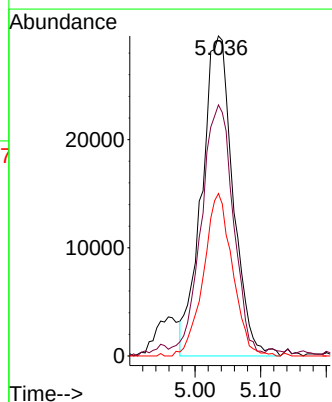
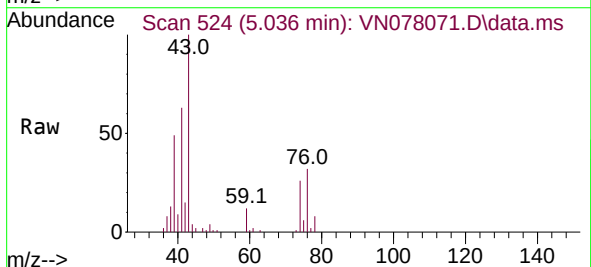
Manual Integrations
APPROVED

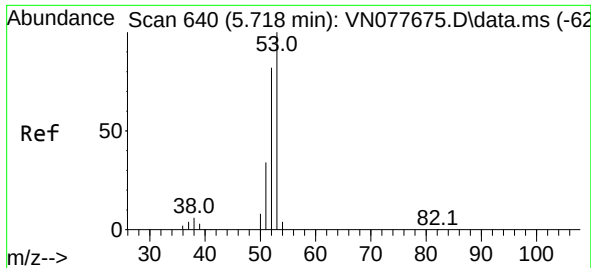
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#14
Allyl chloride
Concen: 17.549 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.012 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

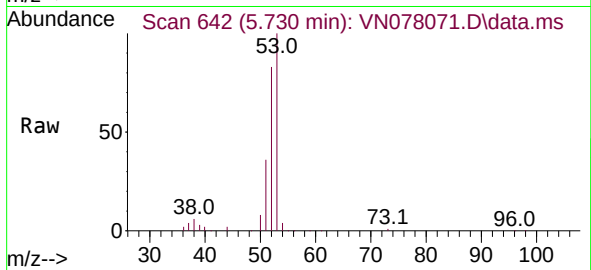
Tgt Ion: 41 Resp: 98187
Ion Ratio Lower Upper
41 100
39 79.0 58.8 88.2
76 46.9 39.1 58.7





#15
Acrylonitrile
Concen: 103.932 ug/l
RT: 5.730 min Scan# 640
Delta R.T. 0.012 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

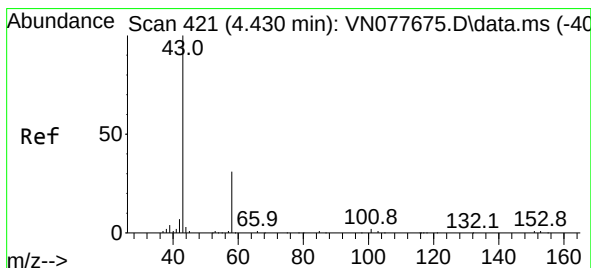
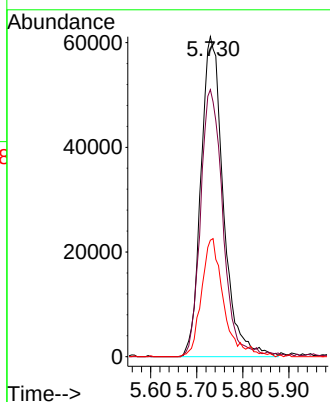
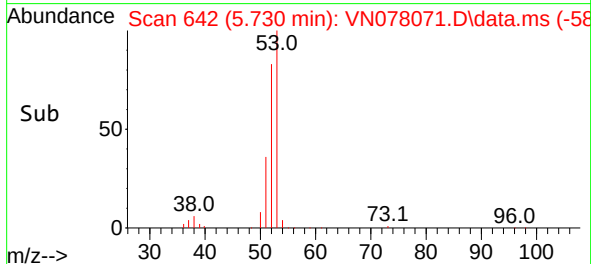
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01



Tgt Ion: 53 Resp: 20762
Ion Ratio Lower Upper
53 100
52 82.5 65.3 97.9
51 35.2 28.9 43.3

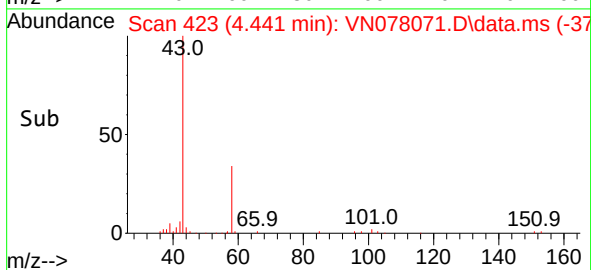
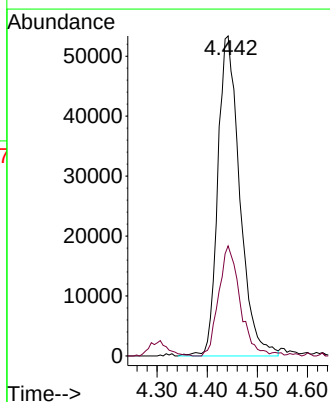
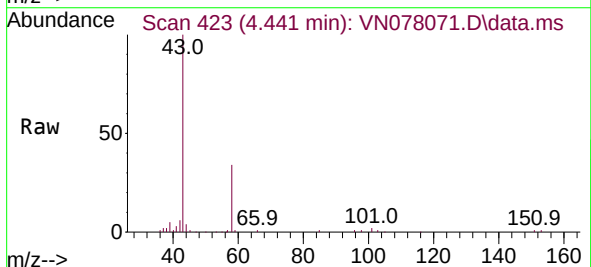
Manual Integrations
APPROVED

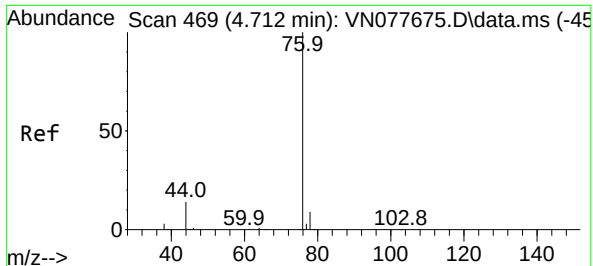
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#16
Acetone
Concen: 95.284 ug/l
RT: 4.441 min Scan# 423
Delta R.T. 0.011 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

Tgt Ion: 43 Resp: 162423
Ion Ratio Lower Upper
43 100
58 33.7 28.0 42.0





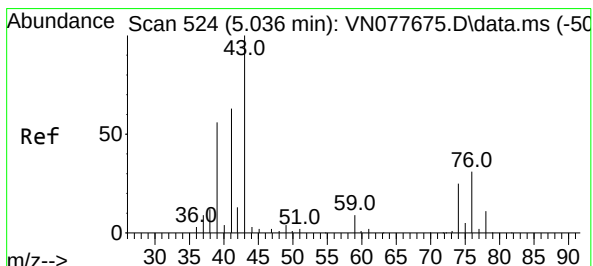
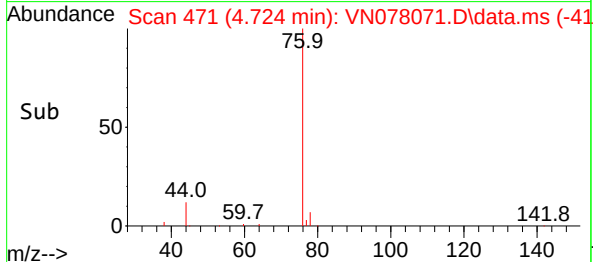
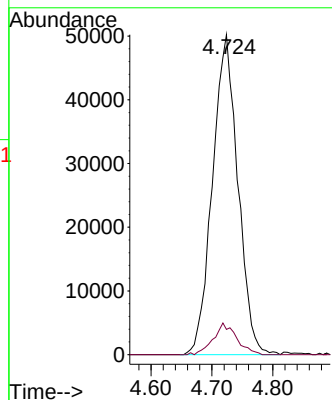
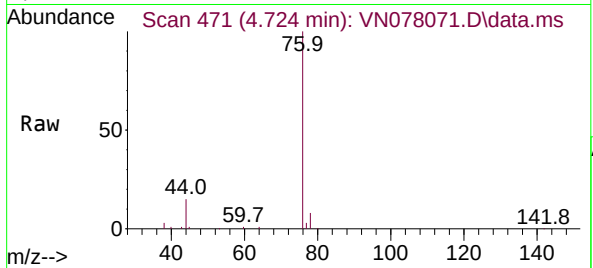
#17
Carbon Disulfide
Concen: 14.189 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.012 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01

Tgt Ion: 76 Resp: 145609
Ion Ratio Lower Upper
76 100
78 7.9 7.4 11.0

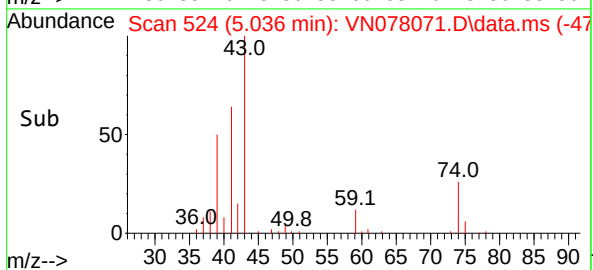
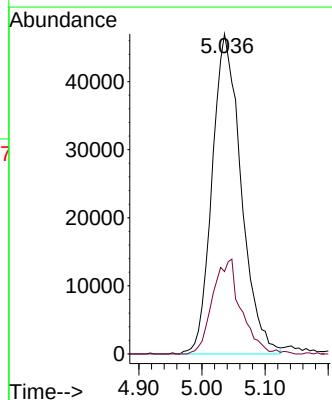
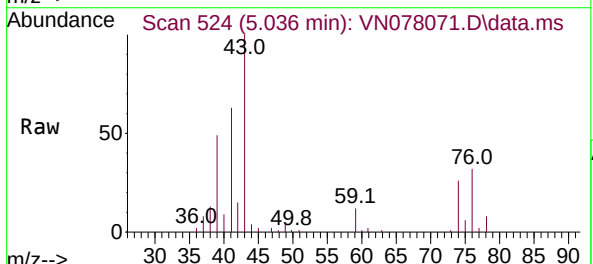
Manual Integrations
APPROVED

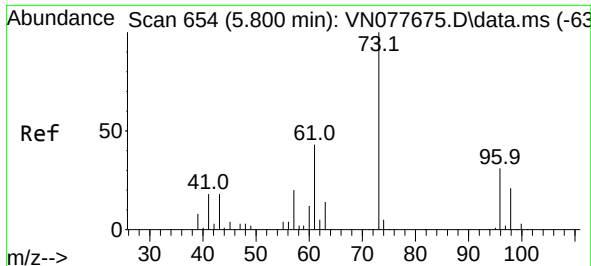
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#18
Methyl Acetate
Concen: 20.989 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

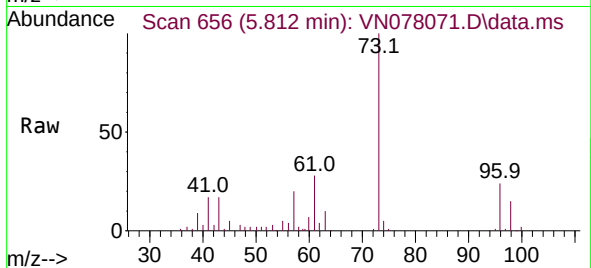
Tgt Ion: 43 Resp: 150096
Ion Ratio Lower Upper
43 100
74 28.9 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 21.519 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

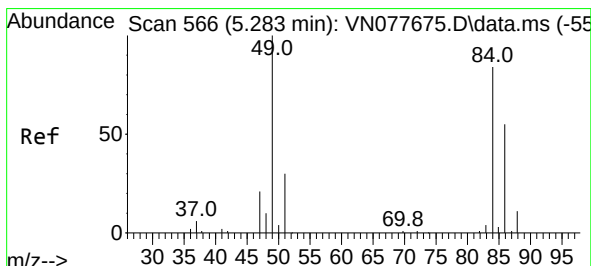
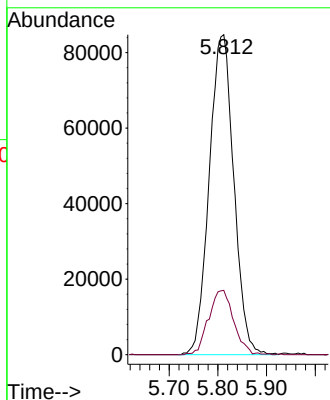
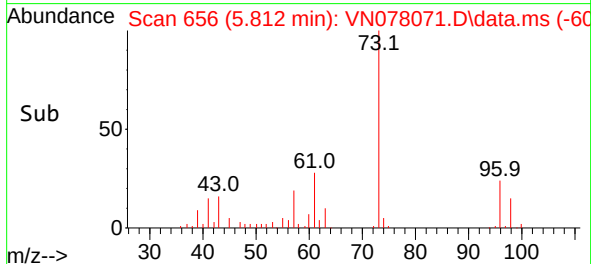
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01



Tgt Ion: 73 Resp: 296660
Ion Ratio Lower Upper
73 100
57 20.1 15.6 23.4

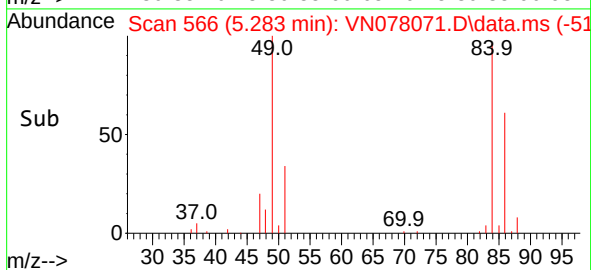
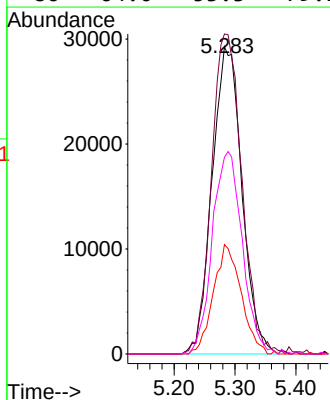
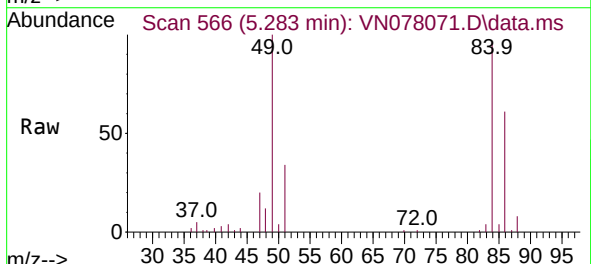
Manual Integrations
APPROVED

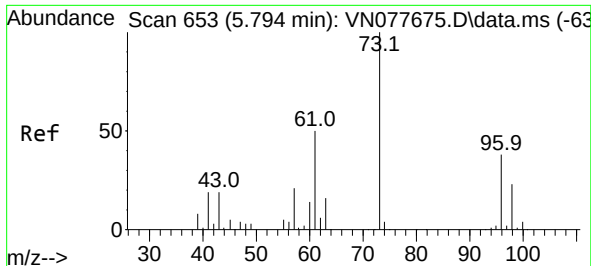
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#20
Methylene Chloride
Concen: 21.281 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

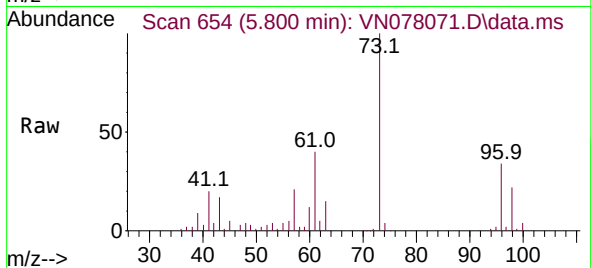
Tgt Ion: 84 Resp: 99454
Ion Ratio Lower Upper
84 100
49 104.2 79.7 119.5
51 35.6 25.2 37.8
86 64.0 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 19.625 ug/l
RT: 5.800 min Scan# 610
Delta R.T. 0.006 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

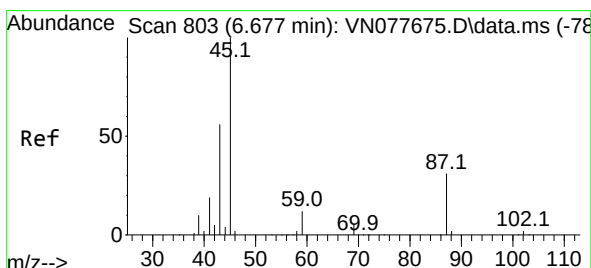
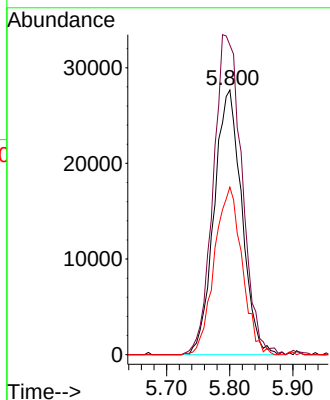
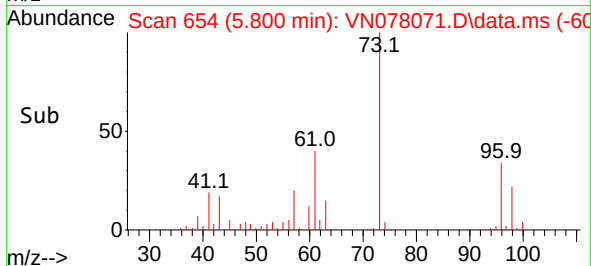
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01



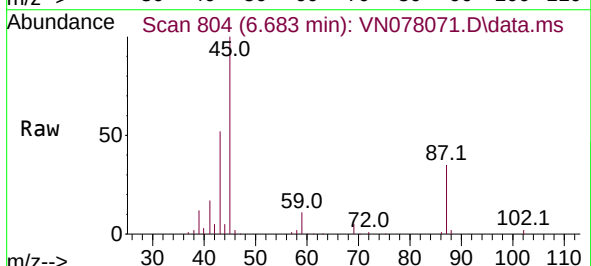
Tgt Ion: 96 Resp: 83962
Ion Ratio Lower Upper
96 100
61 117.0 90.1 135.1
98 63.3 46.4 69.6

Manual Integrations
APPROVED

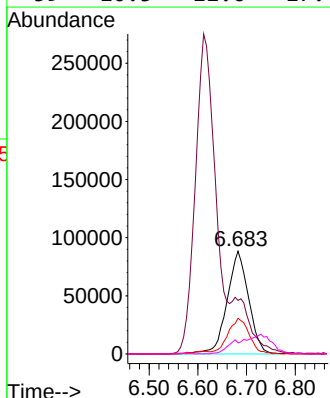
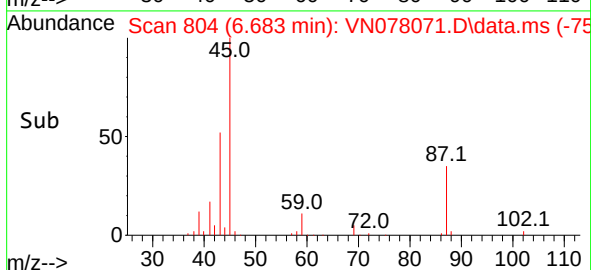
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

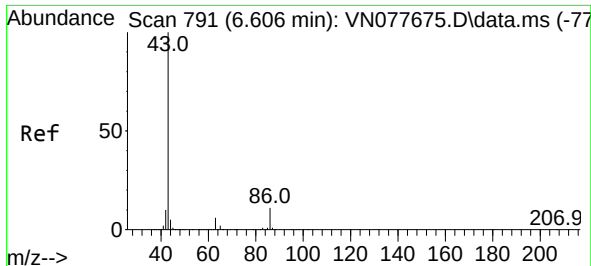


#22
Diisopropyl ether
Concen: 20.636 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.006 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36



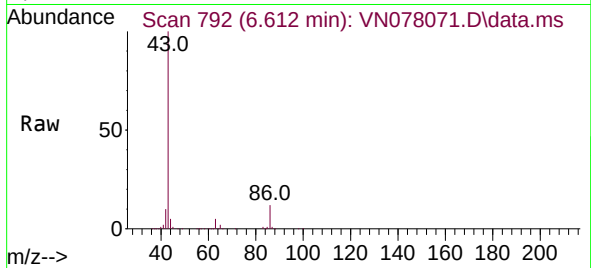
Tgt Ion: 45 Resp: 270627
Ion Ratio Lower Upper
45 100
43 49.8 45.5 68.3
87 34.4 31.8 47.8
59 10.5 11.6 17.4





#23
 Vinyl Acetate
 Concen: 97.359 ug/l
 RT: 6.612 min Scan# 791
 Delta R.T. 0.006 min
 Lab File: VN078071.D
 Acq: 06 Jun 2023 15:36

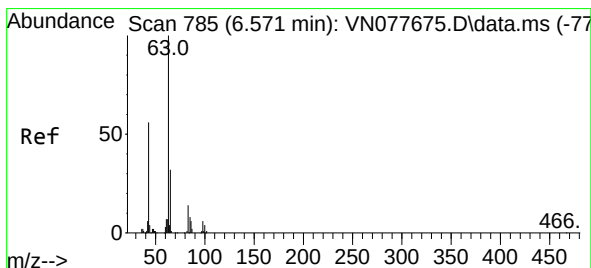
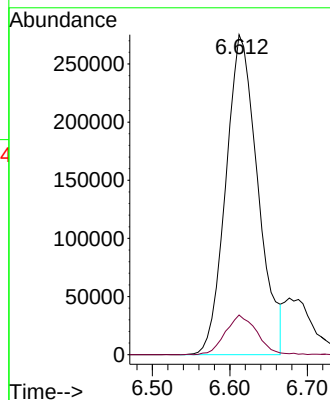
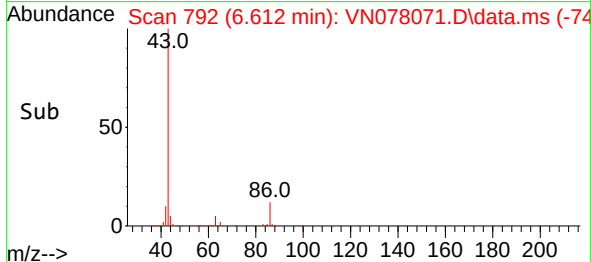
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBSD01



Tgt Ion: 43 Resp: 791079
 Ion Ratio Lower Upper
 43 100
 86 12.4 13.0 19.6

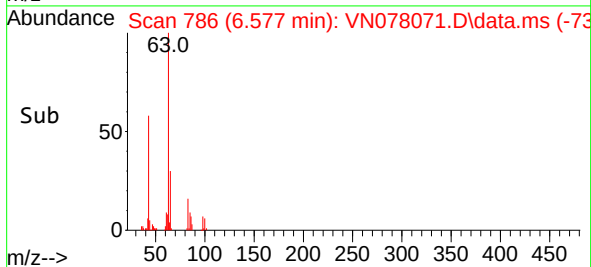
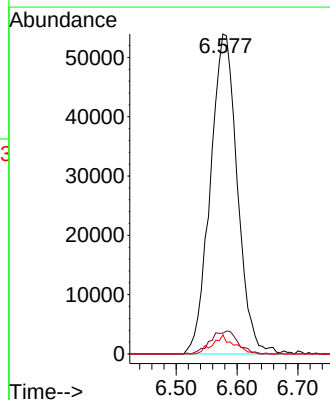
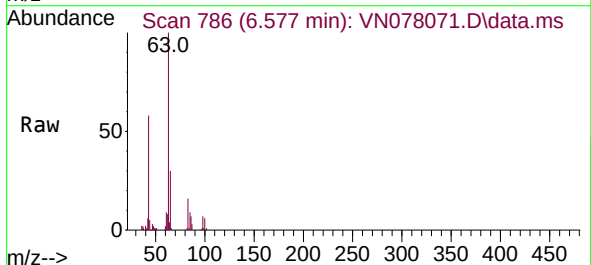
Manual Integrations
 APPROVED

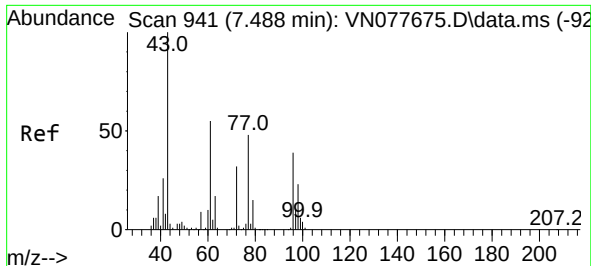
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023



#24
 1,1-Dichloroethane
 Concen: 20.692 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.006 min
 Lab File: VN078071.D
 Acq: 06 Jun 2023 15:36

Tgt Ion: 63 Resp: 166253
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 6.0 2.5 7.4





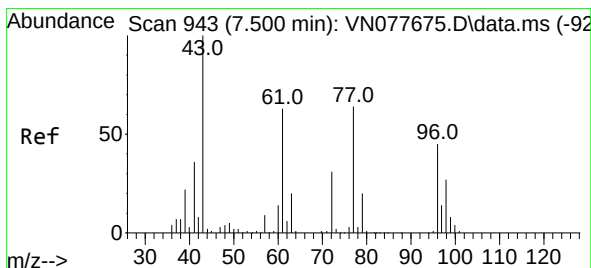
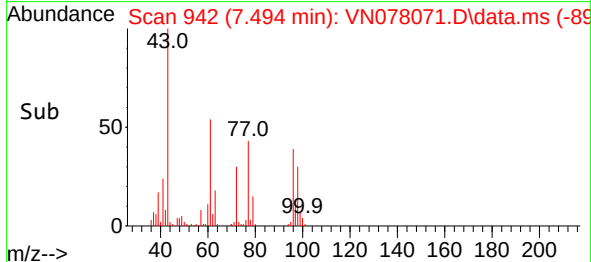
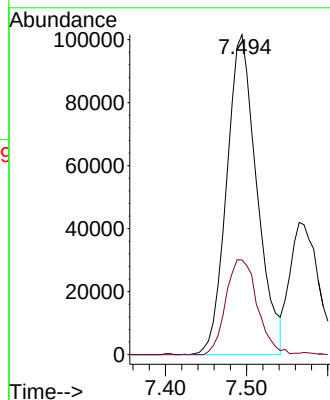
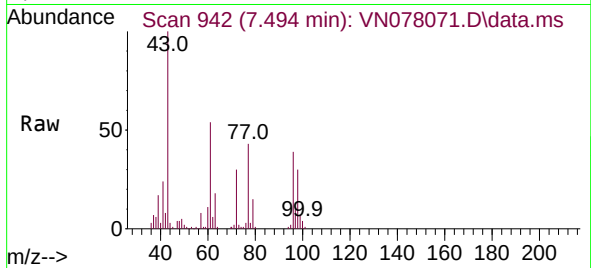
#25
2-Butanone
Concen: 98.440 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01

Tgt Ion: 43 Resp: 26249
Ion Ratio Lower Upper
43 100
72 29.6 30.2 45.2

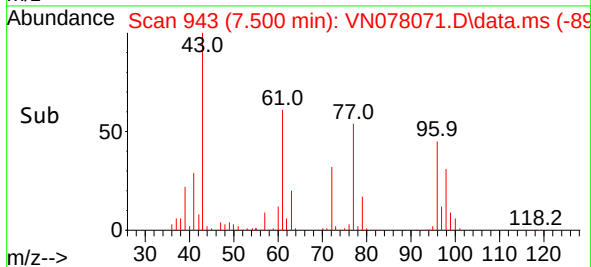
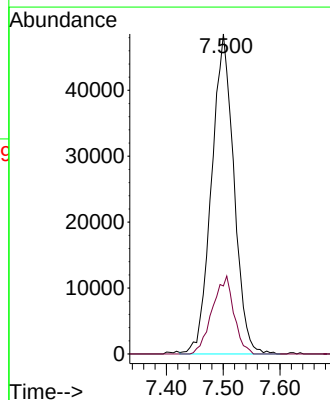
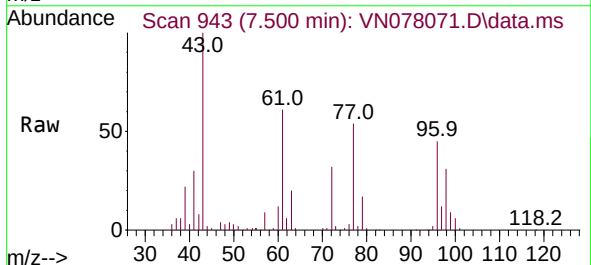
Manual Integrations
APPROVED

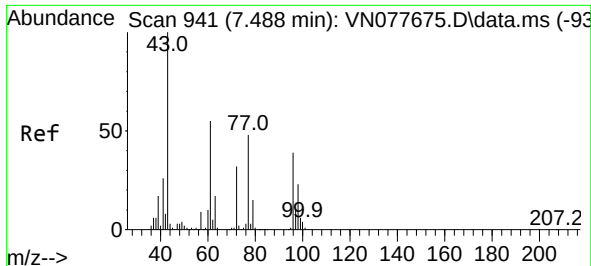
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#26
2,2-Dichloropropane
Concen: 19.430 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

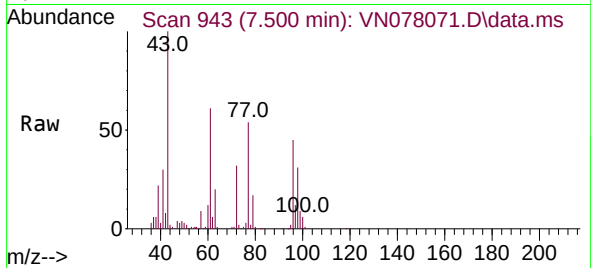
Tgt Ion: 77 Resp: 132625
Ion Ratio Lower Upper
77 100
97 23.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 21.456 ug/l
 RT: 7.500 min Scan# 941
 Delta R.T. 0.012 min
 Lab File: VN078071.D
 Acq: 06 Jun 2023 15:36

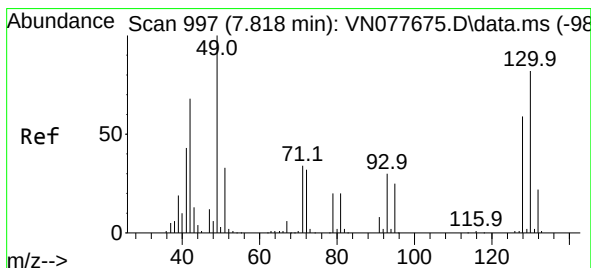
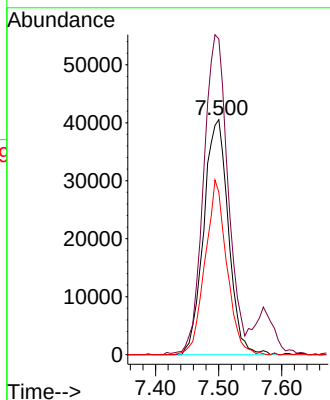
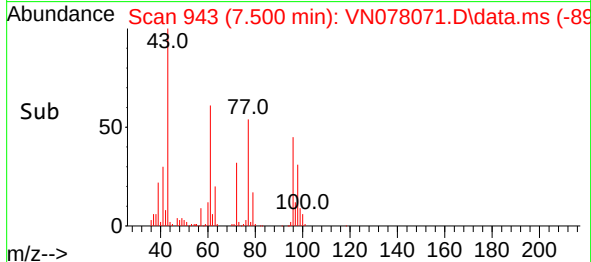
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBSD01



Tgt Ion: 96 Resp: 11006
 Ion Ratio Lower Upper
 96 100
 61 134.6 0.0 255.2
 98 65.5 0.0 128.8

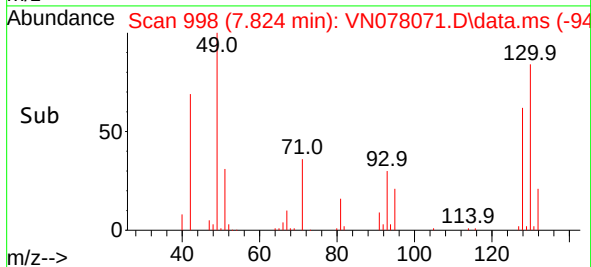
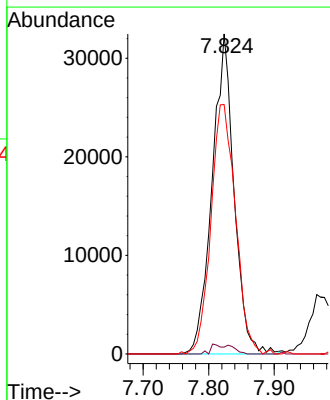
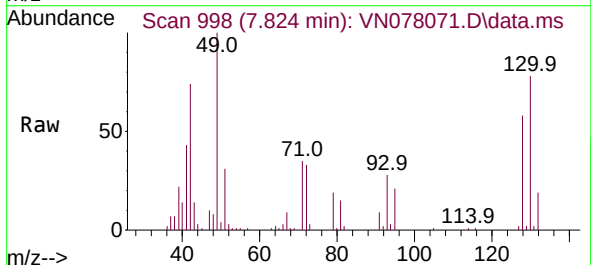
Manual Integrations
 APPROVED

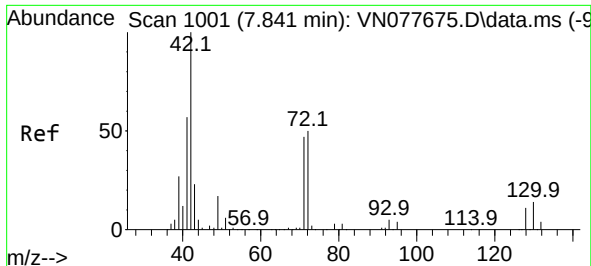
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023



#28
 Bromochloromethane
 Concen: 21.678 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078071.D
 Acq: 06 Jun 2023 15:36

Tgt Ion: 49 Resp: 75325
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.8
 130 87.0 75.3 112.9





#29

Tetrahydrofuran

Concen: 93.545 ug/l

RT: 7.847 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN078071.D

Acq: 06 Jun 2023 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0606WBSD01

Tgt Ion: 42 Resp: 16333

Ion Ratio Lower Upper

42 100

72 54.1 49.8 74.6

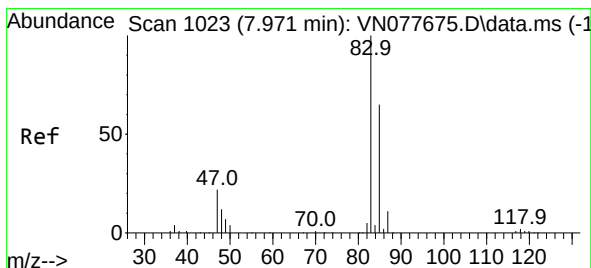
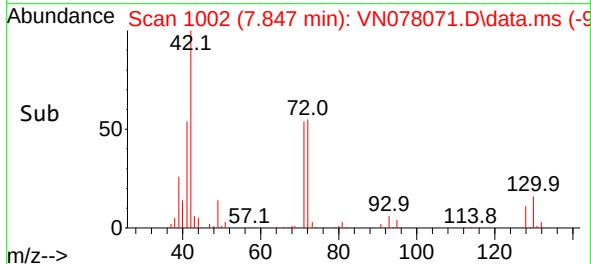
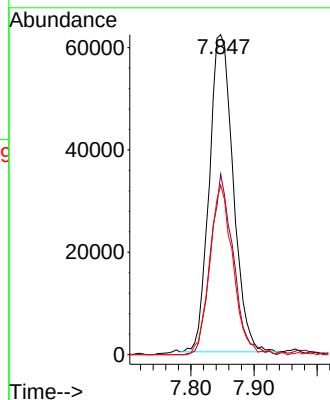
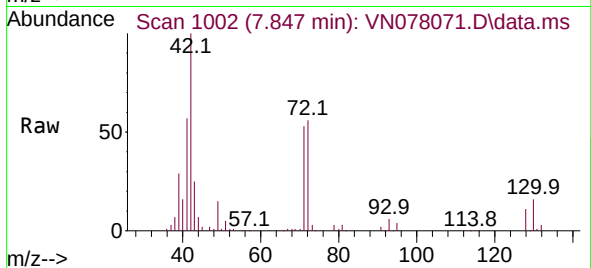
71 51.6 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#30

Chloroform

Concen: 20.817 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078071.D

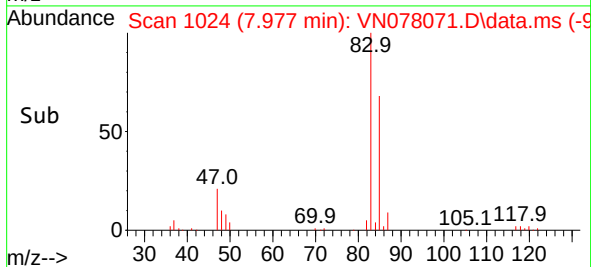
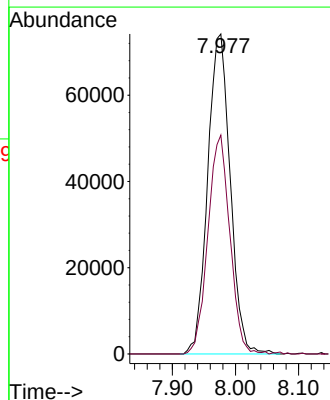
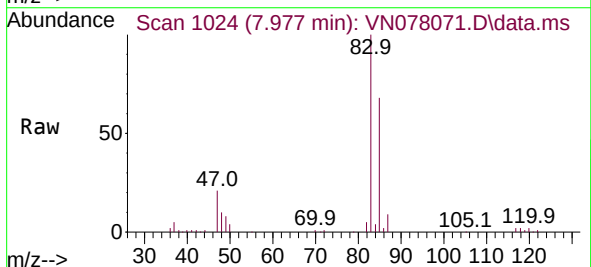
Acq: 06 Jun 2023 15:36

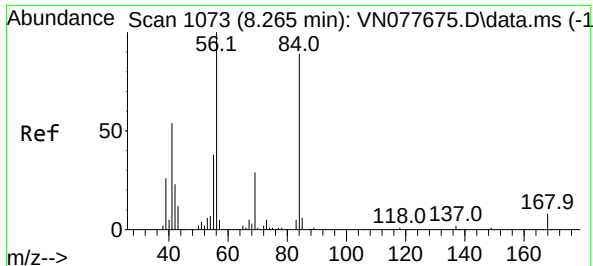
Tgt Ion: 83 Resp: 183986

Ion Ratio Lower Upper

83 100

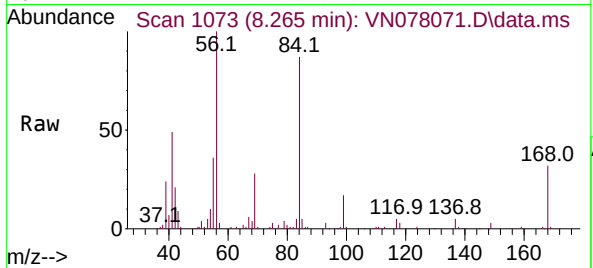
85 68.4 55.4 83.0





#31
Cyclohexane
Concen: 15.486 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

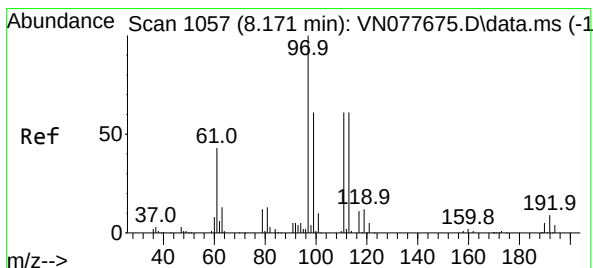
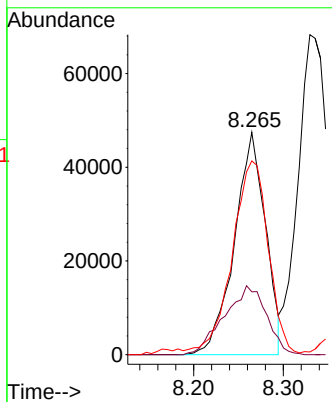
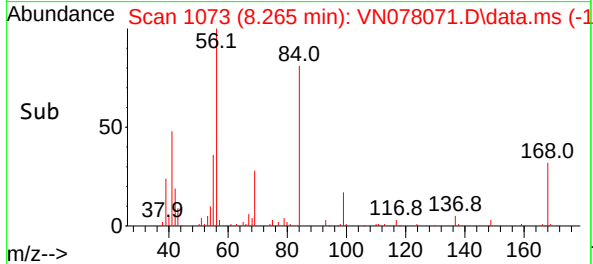
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01



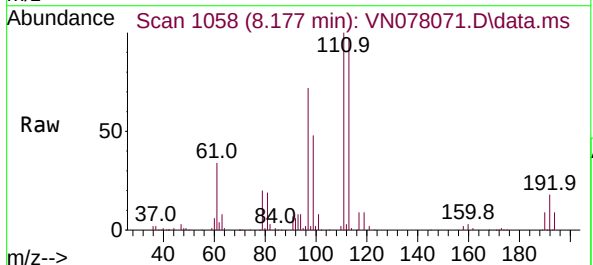
Tgt Ion: 56 Resp: 114036
Ion Ratio Lower Upper
56 100
69 28.3 26.8 40.2
84 84.5 81.8 122.6

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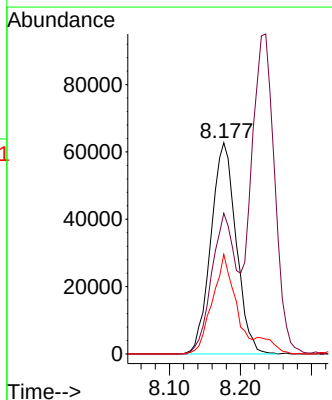
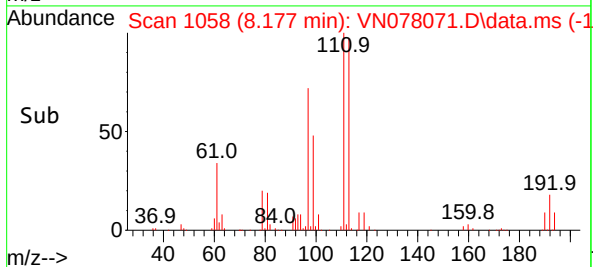
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

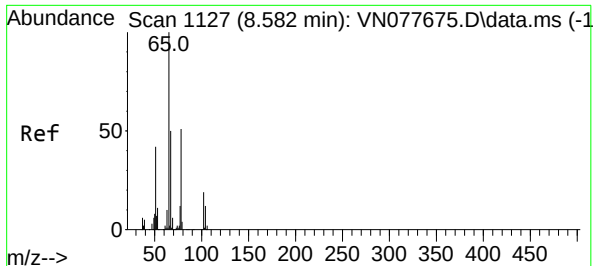


#32
1,1,1-Trichloroethane
Concen: 20.589 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36



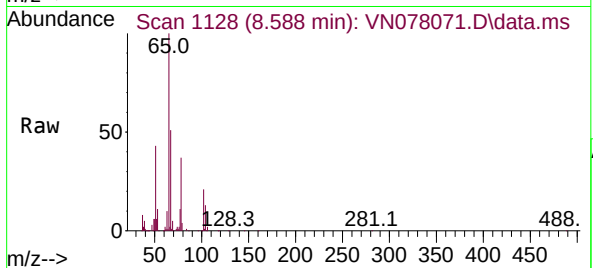
Tgt Ion: 97 Resp: 154707
Ion Ratio Lower Upper
97 100
99 64.1 50.3 75.5
61 43.5 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 44.405 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

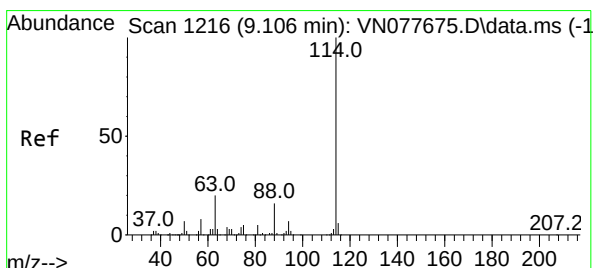
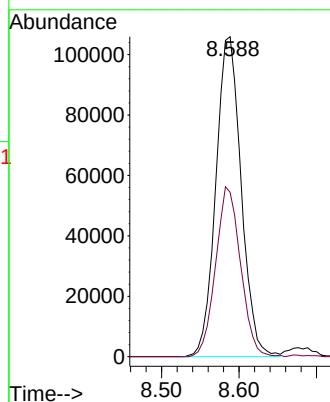
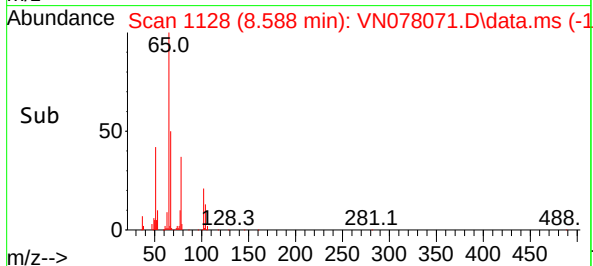
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01



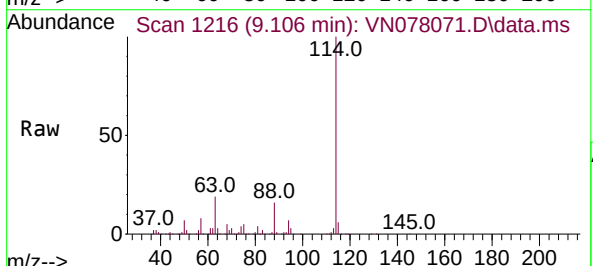
Tgt Ion: 65 Resp: 240594
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.6

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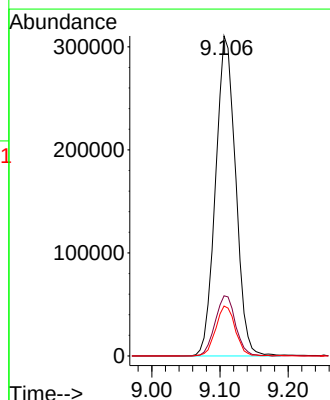
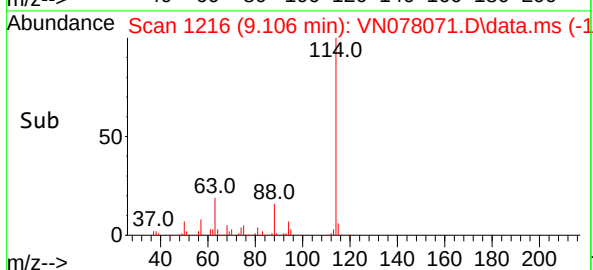
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

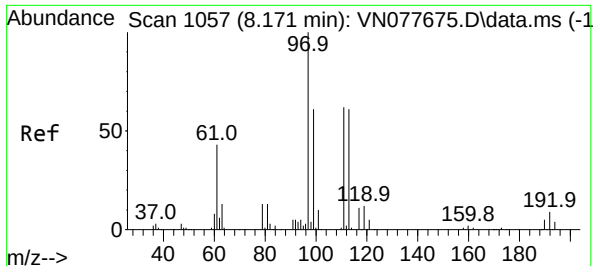


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36



Tgt Ion:114 Resp: 635753
Ion Ratio Lower Upper
114 100
63 18.8 0.0 36.4
88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.524 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN078071.D

Acq: 06 Jun 2023 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0606WBSD01

Tgt Ion: 113 Resp: 209458

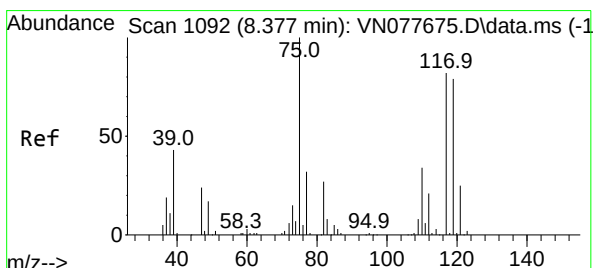
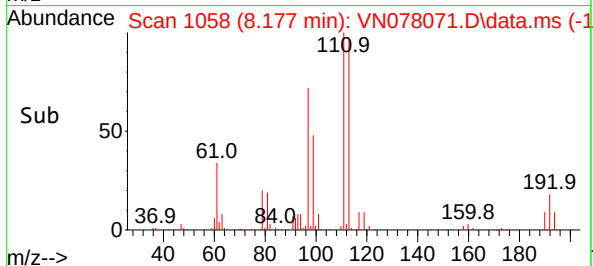
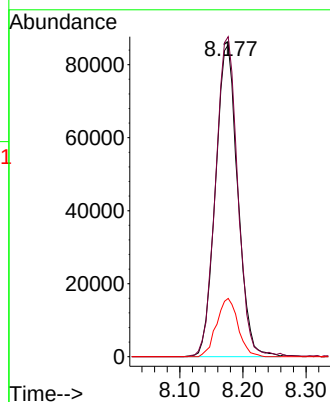
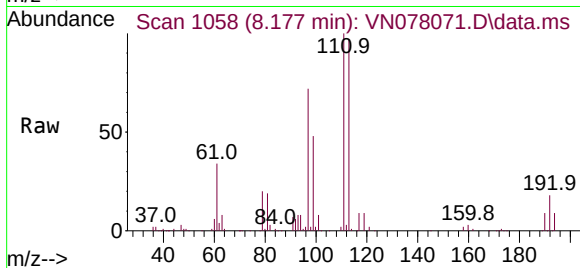
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.6	123.8
192	18.0	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#36

1,1-Dichloropropene

Concen: 20.714 ug/l

RT: 8.377 min Scan# 1092

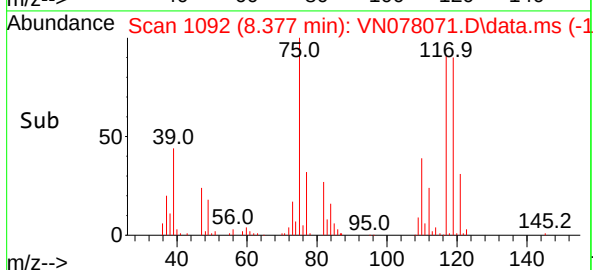
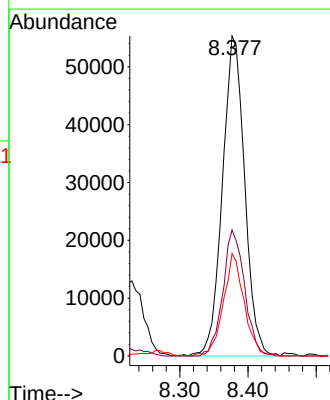
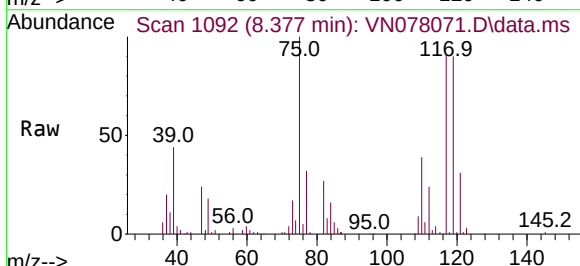
Delta R.T. -0.000 min

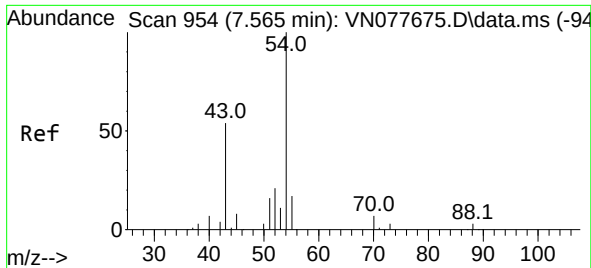
Lab File: VN078071.D

Acq: 06 Jun 2023 15:36

Tgt Ion: 75 Resp: 125601

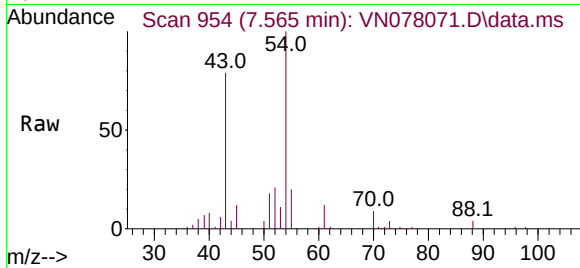
Ion	Ratio	Lower	Upper
75	100		
110	38.6	19.1	57.3
77	29.9	25.0	37.4





#37
Ethyl Acetate
Concen: 19.541 ug/l
RT: 7.565 min Scan# 954
Delta R.T. -0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

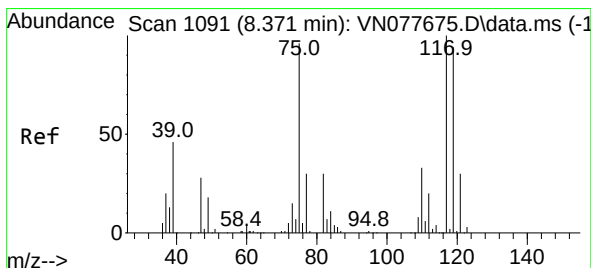
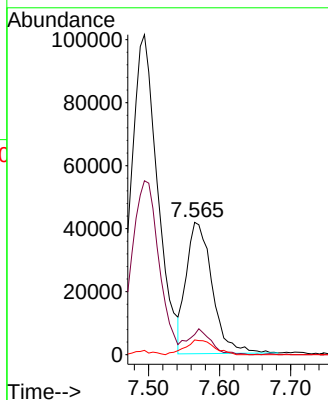
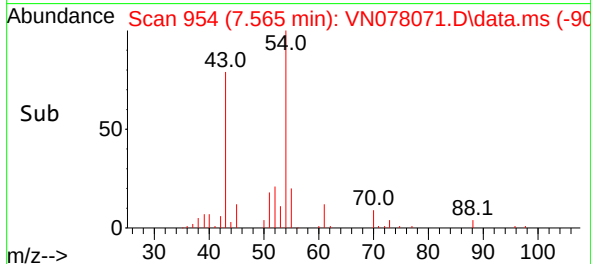
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01



Tgt Ion: 43 Resp: 105610
Ion Ratio Lower Upper
43 100
61 14.7 13.2 19.8
70 12.2 11.3 16.9

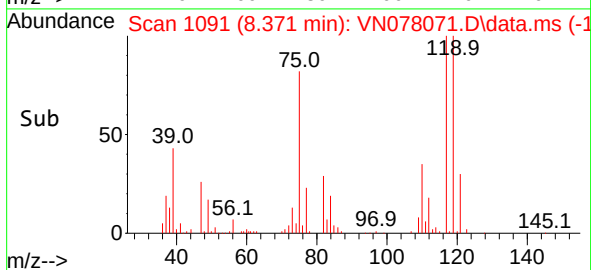
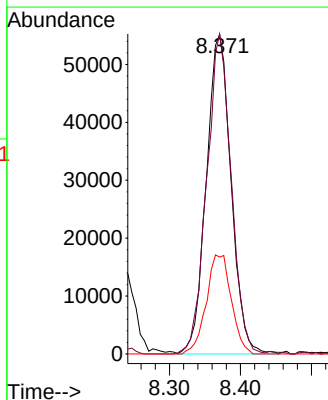
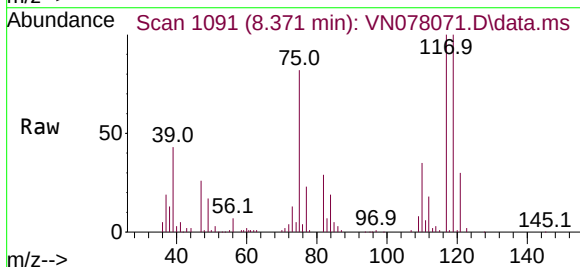
Manual Integrations
APPROVED

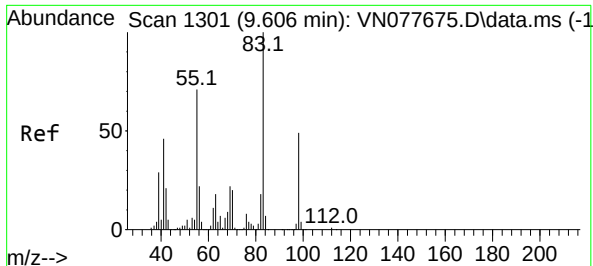
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#38
Carbon Tetrachloride
Concen: 21.850 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

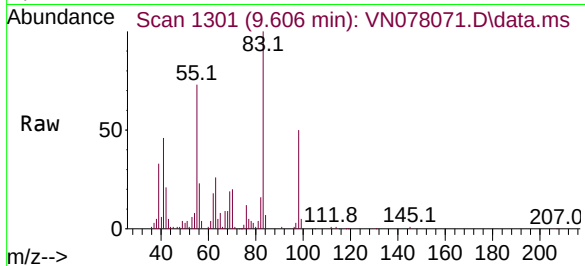
Tgt Ion:117 Resp: 133786
Ion Ratio Lower Upper
117 100
119 100.2 77.3 115.9
121 30.3 23.3 34.9





#39
Methylcyclohexane
Concen: 15.078 ug/l
RT: 9.606 min Scan# 111929
Delta R.T. -0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

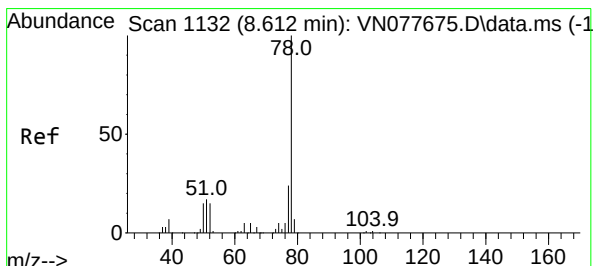
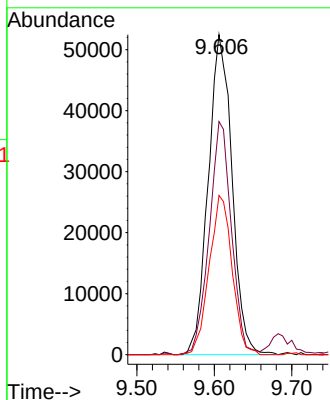
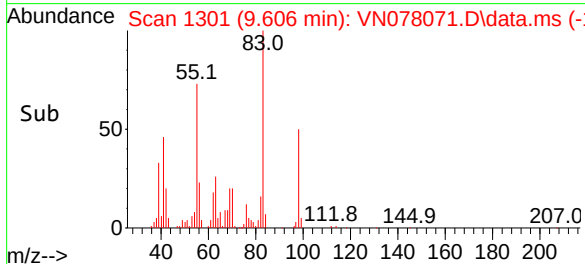
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01



Tgt Ion: 83 Resp: 111929
Ion Ratio Lower Upper
83 100
55 72.9 49.1 73.7
98 49.7 40.6 61.0

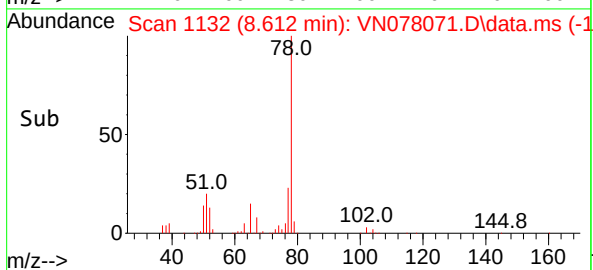
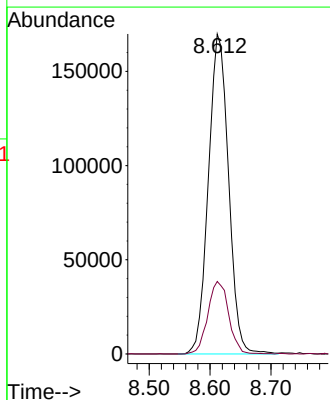
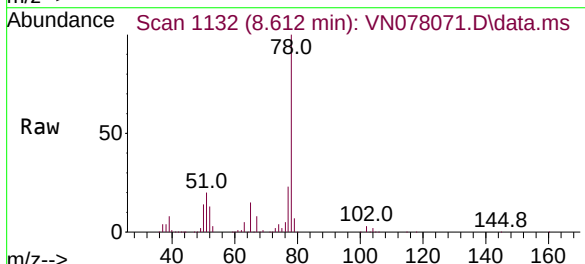
Manual Integrations
APPROVED

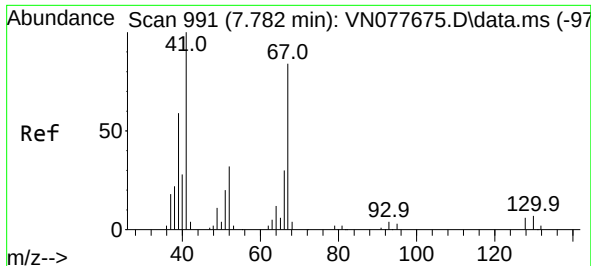
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#40
Benzene
Concen: 21.824 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

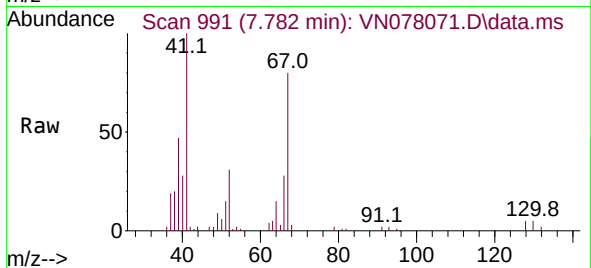
Tgt Ion: 78 Resp: 390509
Ion Ratio Lower Upper
78 100
77 22.6 19.0 28.6





#41
Methacrylonitrile
Concen: 21.887 ug/l
RT: 7.782 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

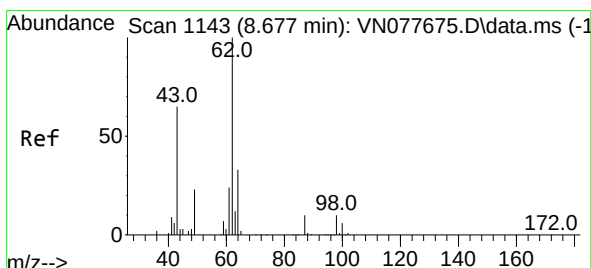
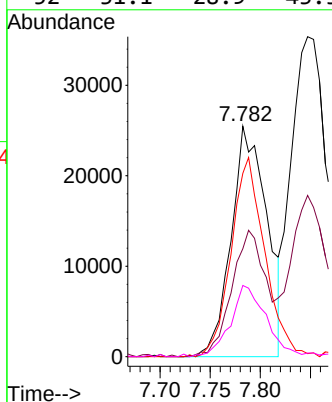
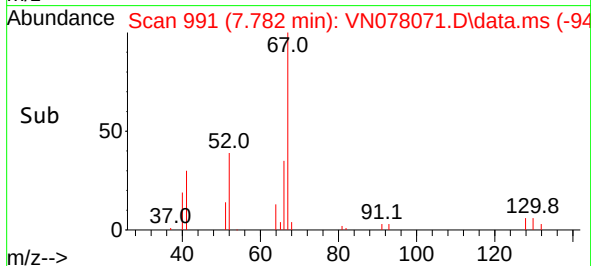
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01



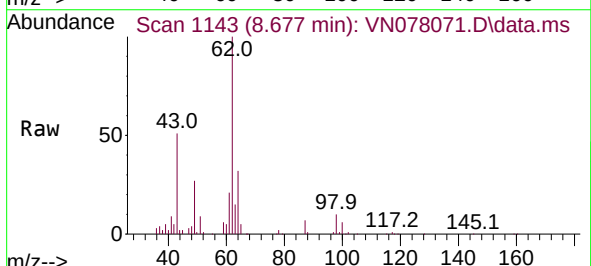
Tgt Ion: 41 Resp: 62998
Ion Ratio Lower Upper
41 100
39 51.1 42.6 64.0
67 81.8 77.5 116.3
52 31.1 28.9 43.3

Manual Integrations
APPROVED

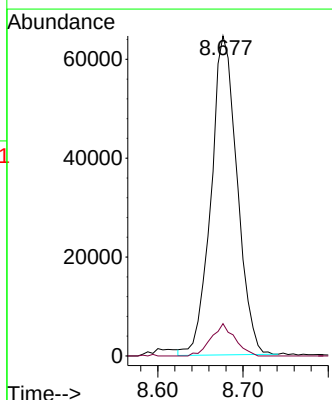
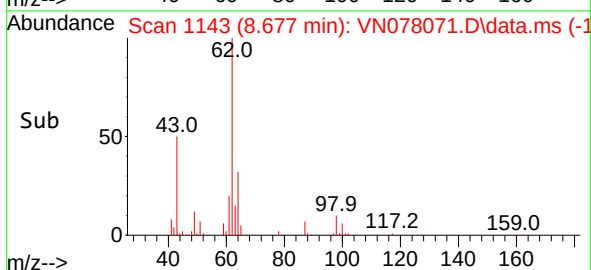
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

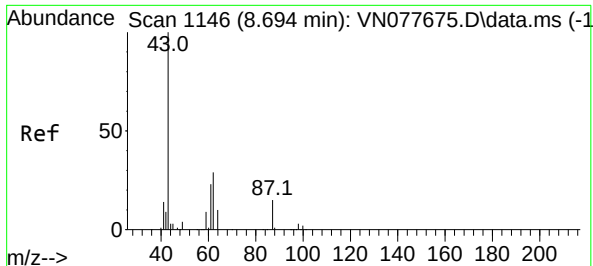


#42
1,2-Dichloroethane
Concen: 21.136 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36



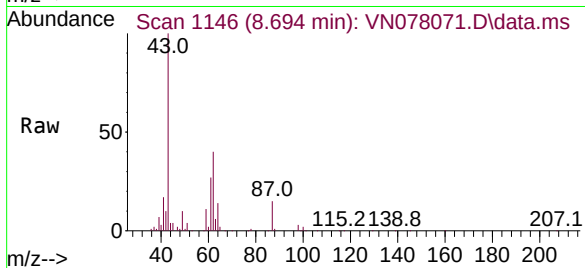
Tgt Ion: 62 Resp: 137384
Ion Ratio Lower Upper
62 100
98 9.2 0.0 19.8





#43
Isopropyl Acetate
Concen: 21.955 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

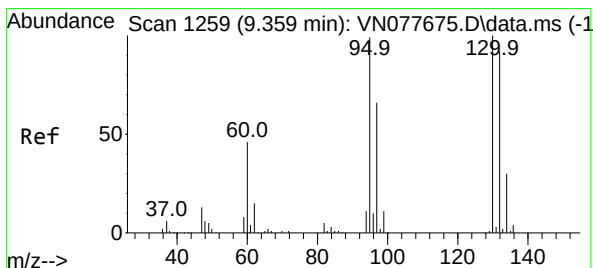
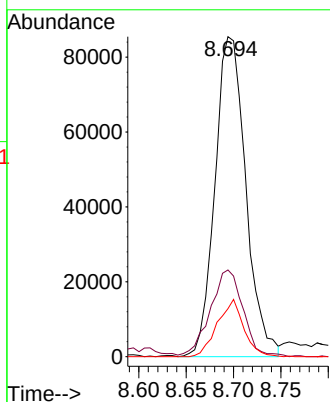
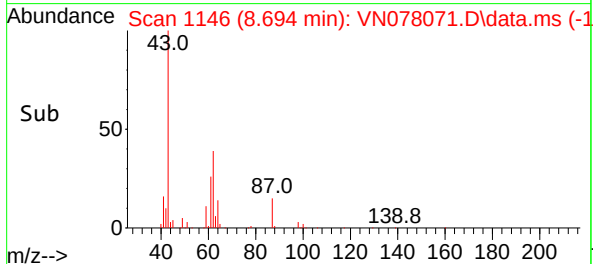
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01



Tgt Ion: 43 Resp: 19381
Ion Ratio Lower Upper
43 100
61 28.7 24.7 37.1
87 15.3 14.6 21.8

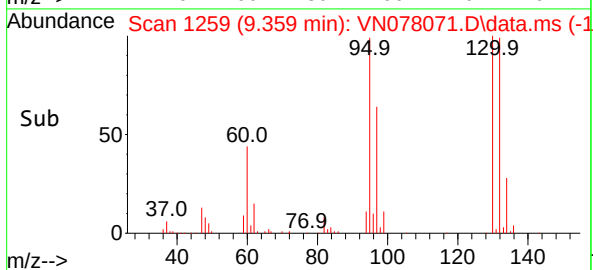
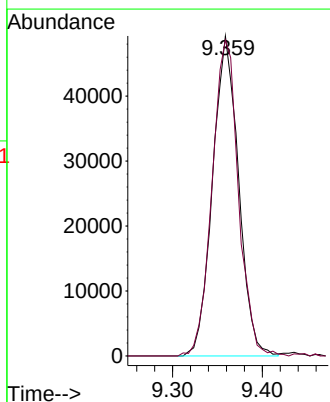
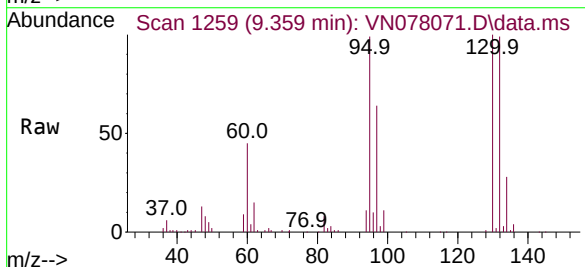
Manual Integrations
APPROVED

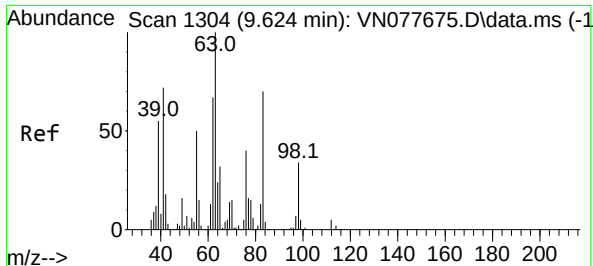
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#44
Trichloroethene
Concen: 21.805 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

Tgt Ion:130 Resp: 98793
Ion Ratio Lower Upper
130 100
95 98.7 0.0 204.6





#45

1,2-Dichloropropane

Concen: 23.085 ug/l

RT: 9.629 min Scan# 11

Delta R.T. 0.005 min

Lab File: VN078071.D

Acq: 06 Jun 2023 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0606WBSD01

Tgt Ion: 63 Resp: 105360

Ion Ratio Lower Upper

63 100

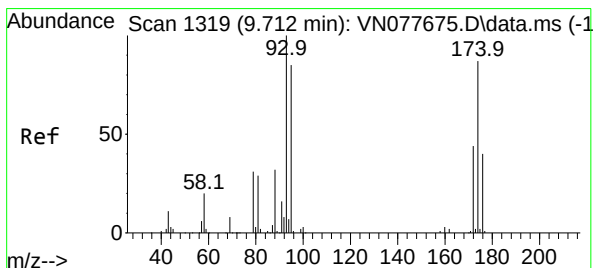
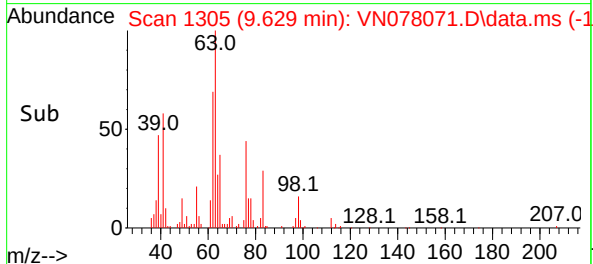
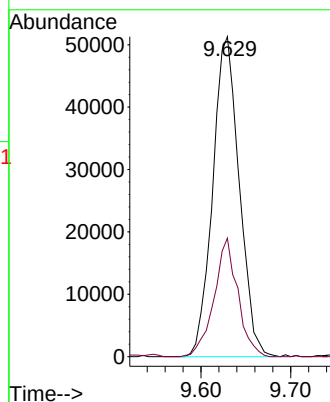
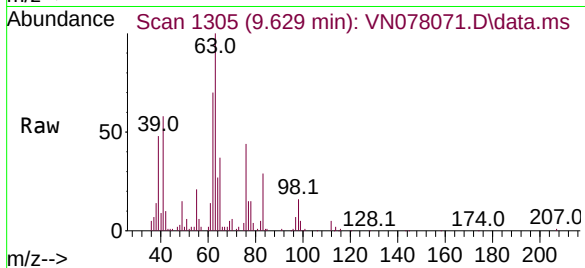
65 37.0 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#46

Dibromomethane

Concen: 22.459 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078071.D

Acq: 06 Jun 2023 15:36

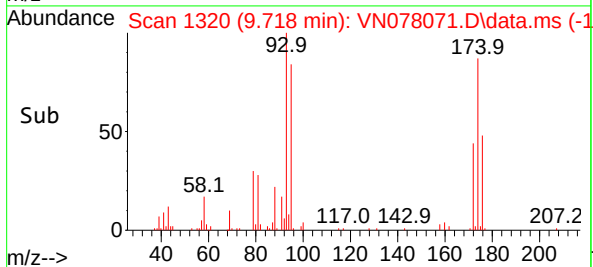
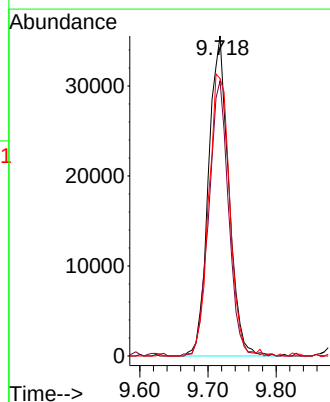
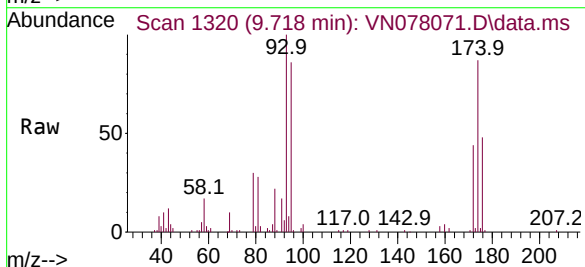
Tgt Ion: 93 Resp: 73350

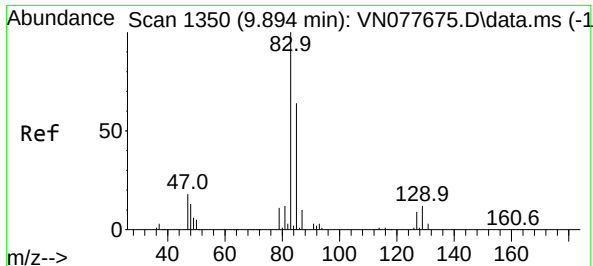
Ion Ratio Lower Upper

93 100

95 83.9 63.8 95.8

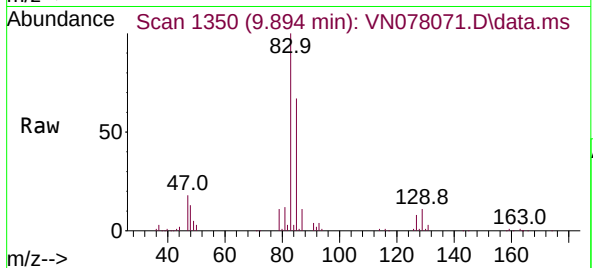
174 91.8 65.6 98.4





#47
Bromodichloromethane
Concen: 22.387 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

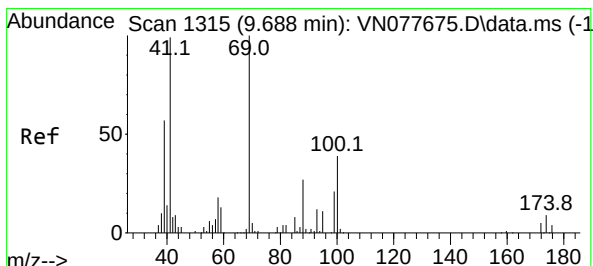
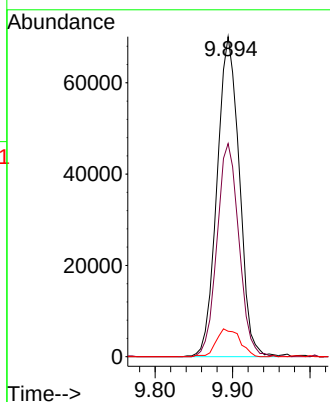
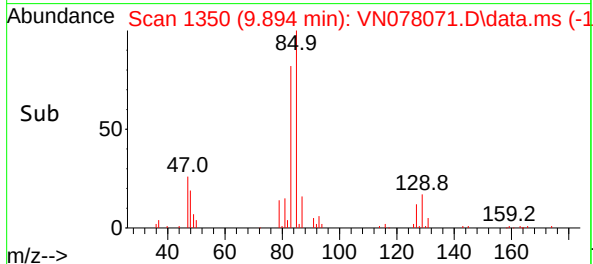
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01



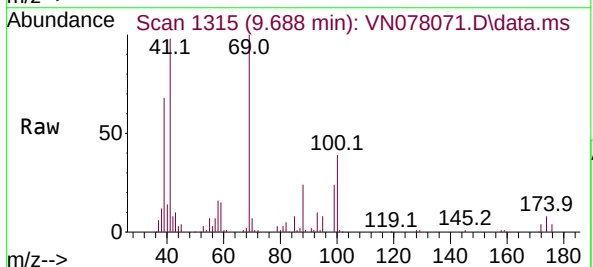
Tgt Ion: 83 Resp: 13998
Ion Ratio Lower Upper
83 100
85 66.6 49.6 74.4
127 8.0 7.0 10.6

Manual Integrations
APPROVED

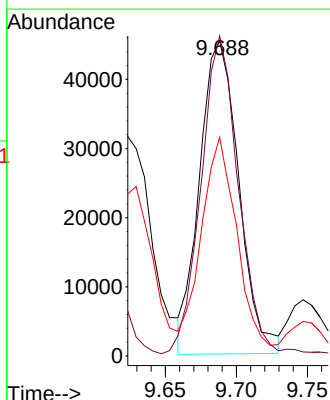
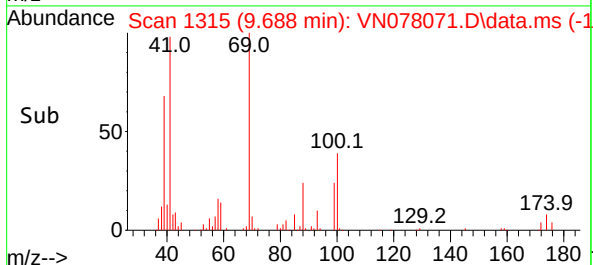
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

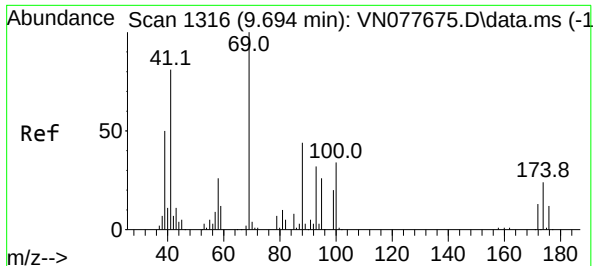


#48
Methyl methacrylate
Concen: 20.838 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36



Tgt Ion: 41 Resp: 87218
Ion Ratio Lower Upper
41 100
69 99.6 90.4 135.6
39 63.6 54.6 81.8





#49

1,4-Dioxane

Concen: 466.855 ug/l

RT: 9.700 min Scan# 1316

Delta R.T. 0.006 min

Lab File: VN078071.D

Acq: 06 Jun 2023 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0606WBSD01

Tgt Ion: 88 Resp: 36900

Ion Ratio Lower Upper

88 100

43 23.4 17.0 25.6

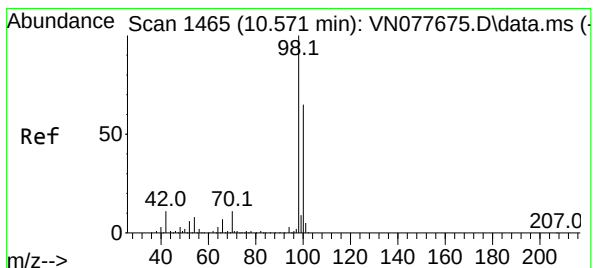
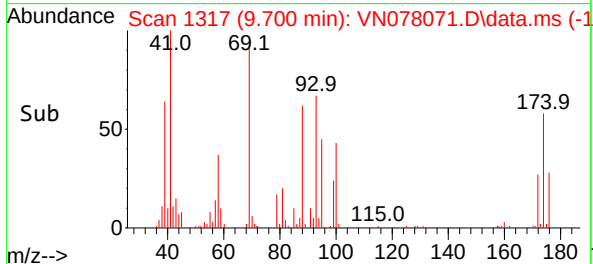
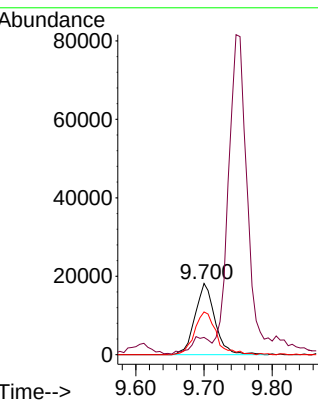
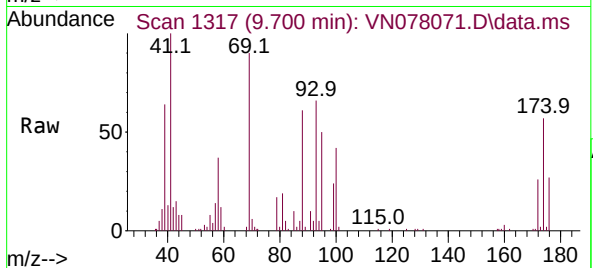
58 65.3 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#50

Toluene-d8

Concen: 46.219 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078071.D

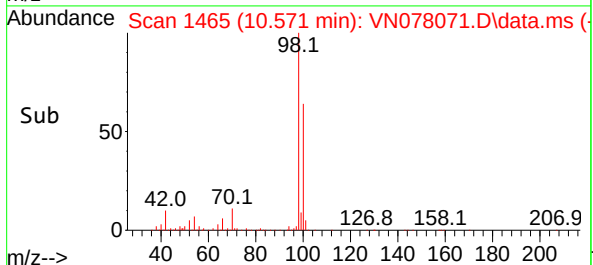
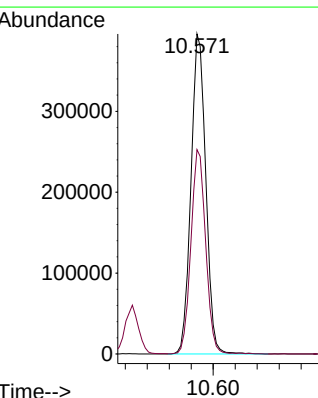
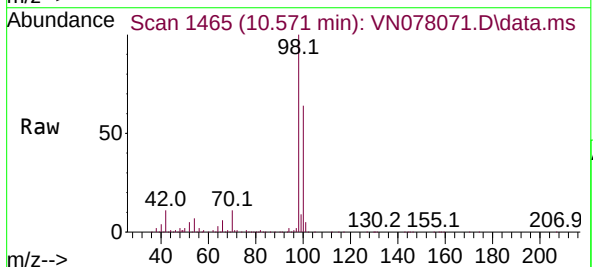
Acq: 06 Jun 2023 15:36

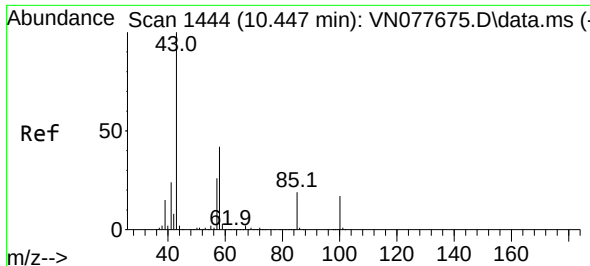
Tgt Ion: 98 Resp: 737513

Ion Ratio Lower Upper

98 100

100 63.8 52.0 78.0





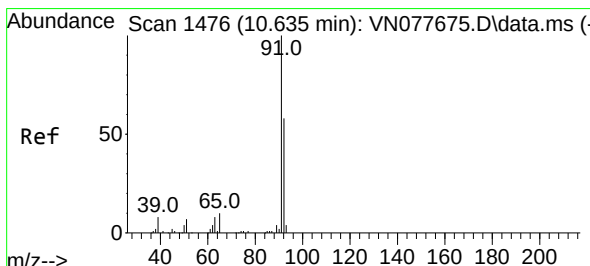
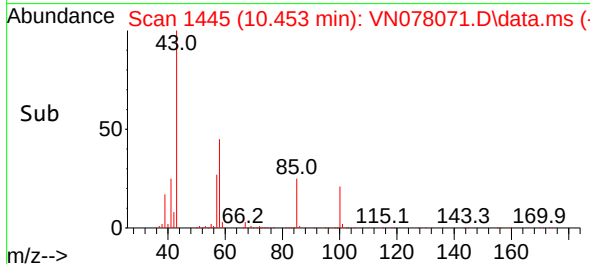
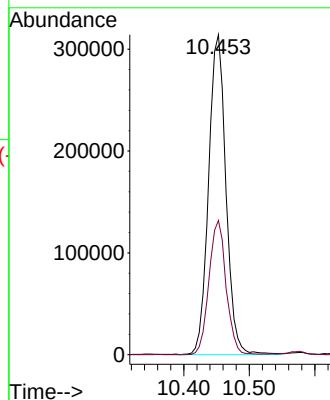
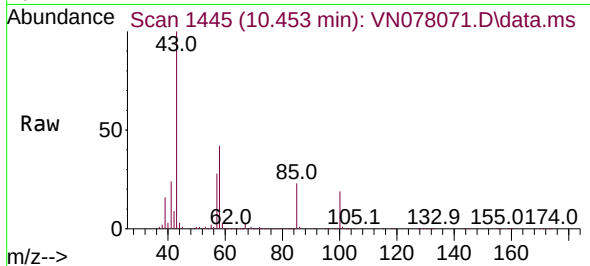
#51
4-Methyl-2-Pentanone
Concen: 110.388 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01

Tgt Ion: 43 Resp: 579252
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8

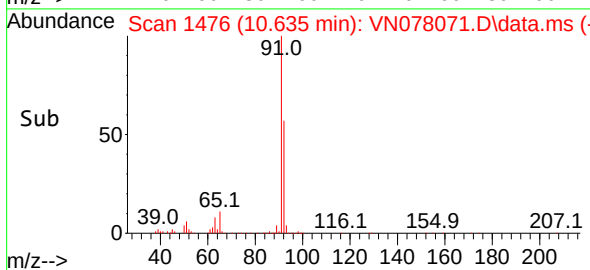
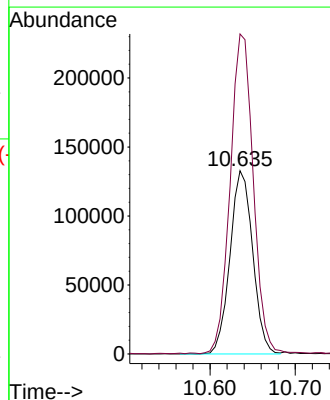
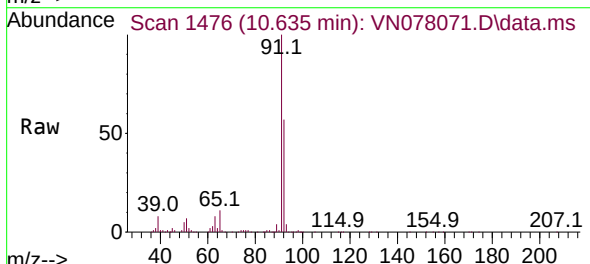
Manual Integrations
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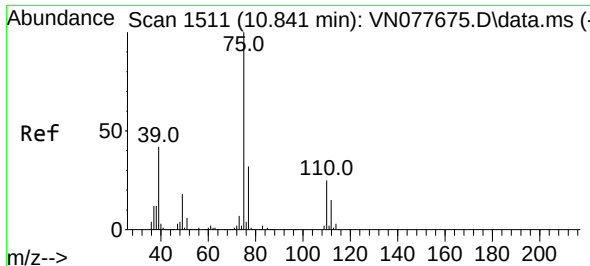
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#52
Toluene
Concen: 22.062 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

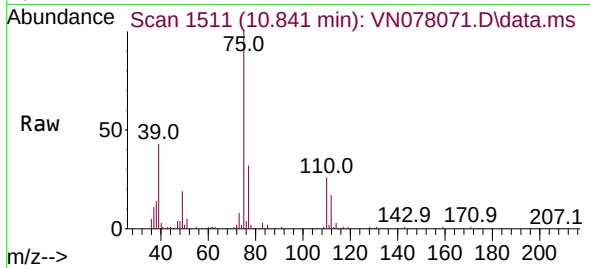
Tgt Ion: 92 Resp: 245761
Ion Ratio Lower Upper
92 100
91 178.3 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 22.236 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078071.D
 Acq: 06 Jun 2023 15:36

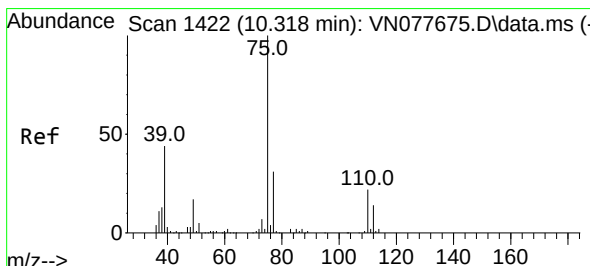
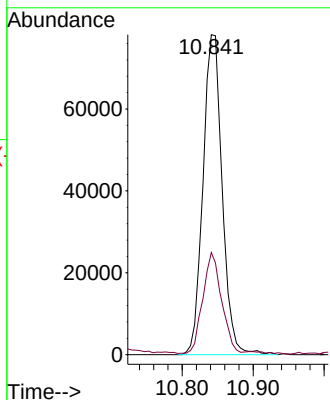
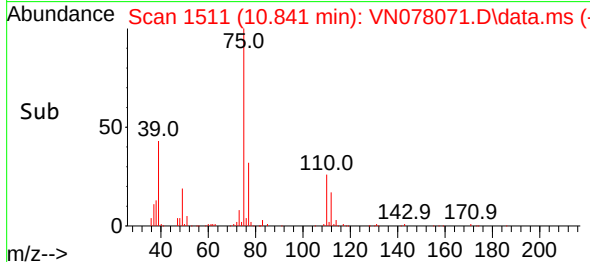
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBSD01



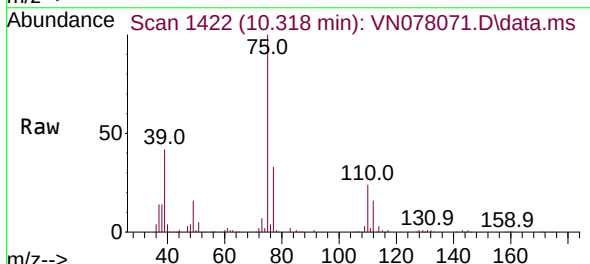
Tgt Ion: 75 Resp: 147232
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.0

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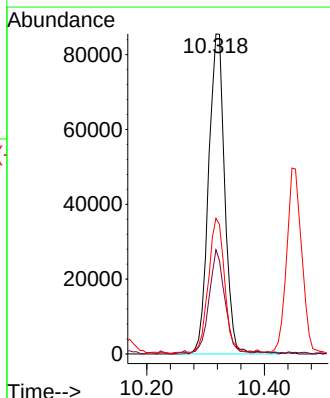
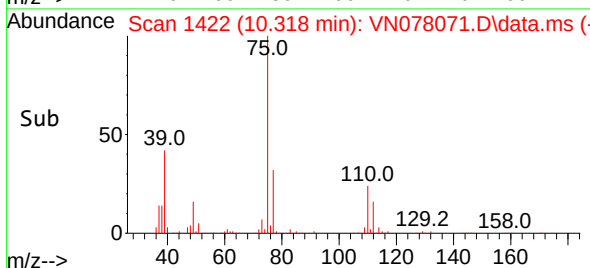
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023

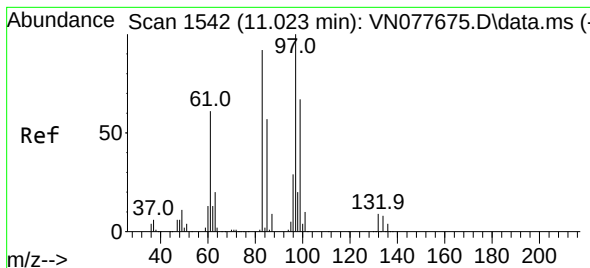


#54
 cis-1,3-Dichloropropene
 Concen: 22.345 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078071.D
 Acq: 06 Jun 2023 15:36



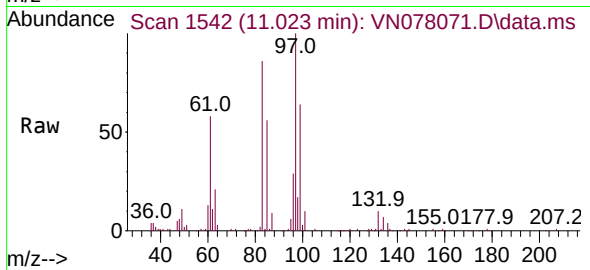
Tgt Ion: 75 Resp: 163050
 Ion Ratio Lower Upper
 75 100
 77 32.2 26.1 39.1
 39 41.9 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 23.716 ug/l
RT: 11.023 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

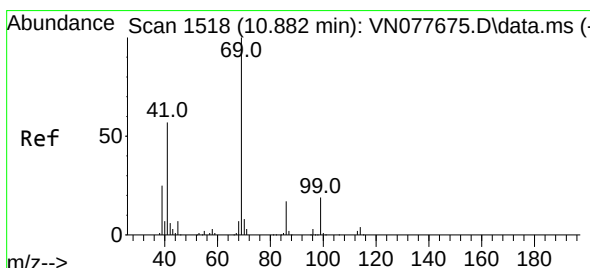
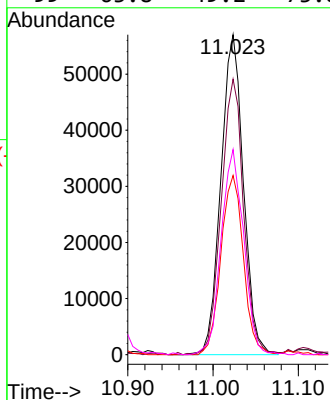
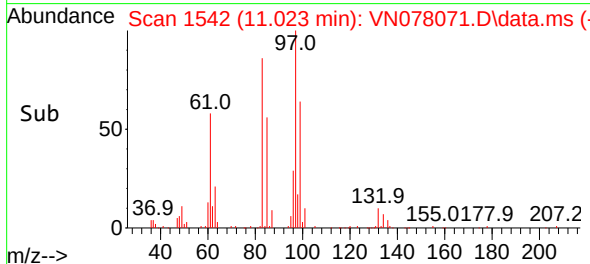
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01



Tgt Ion:	97	Resp:	10489
Ion Ratio	100	Lower	Upper
83	85.5	65.1	97.7
85	56.0	43.4	65.2
99	63.8	49.2	73.8

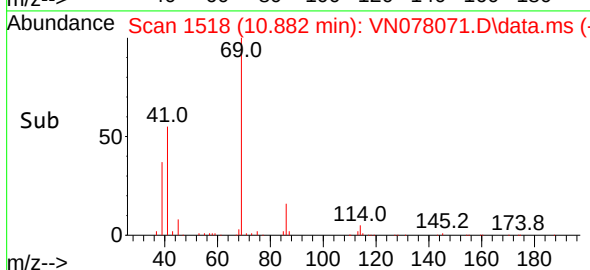
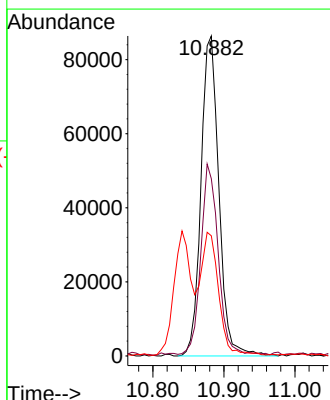
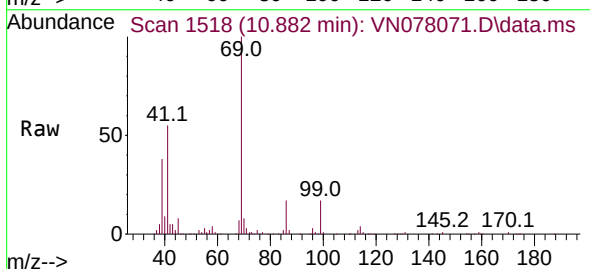
Manual Integrations
APPROVED

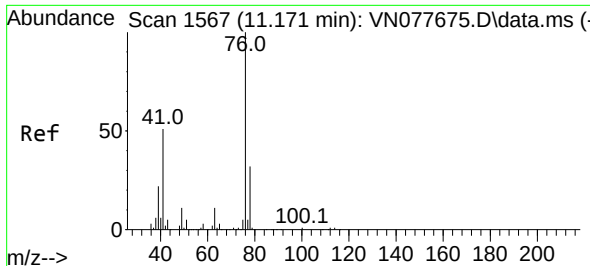
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#56
Ethyl methacrylate
Concen: 22.645 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

Tgt Ion:	69	Resp:	151445
Ion Ratio	100	Lower	Upper
41	58.1	39.6	59.4
39	38.4	28.6	43.0





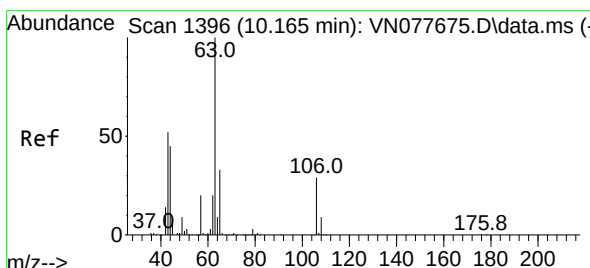
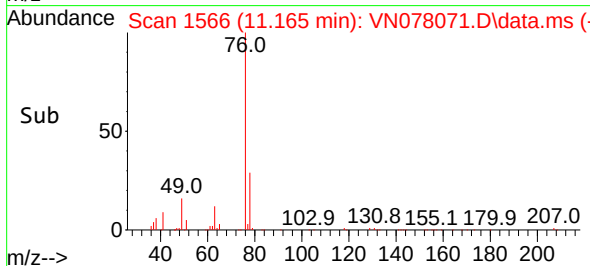
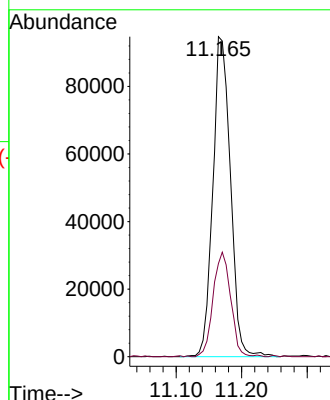
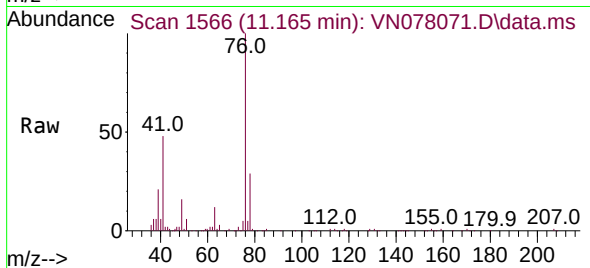
#57
1,3-Dichloropropane
Concen: 23.277 ug/l
RT: 11.165 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01

Tgt Ion: 76 Resp: 17650
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1

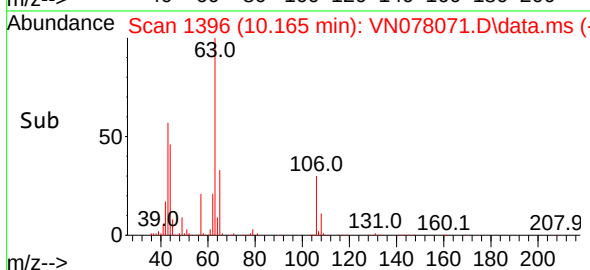
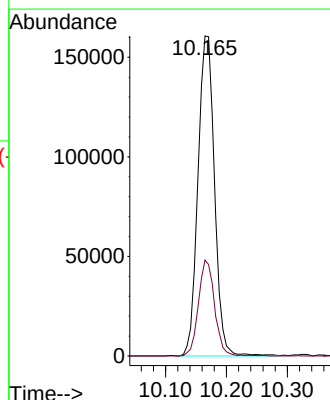
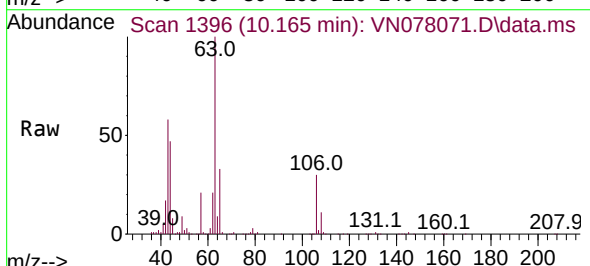
Manual Integrations
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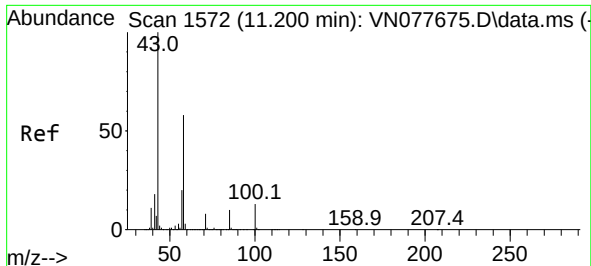
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#58
2-Chloroethyl Vinyl ether
Concen: 92.451 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

Tgt Ion: 63 Resp: 304176
Ion Ratio Lower Upper
63 100
106 29.0 26.2 39.4





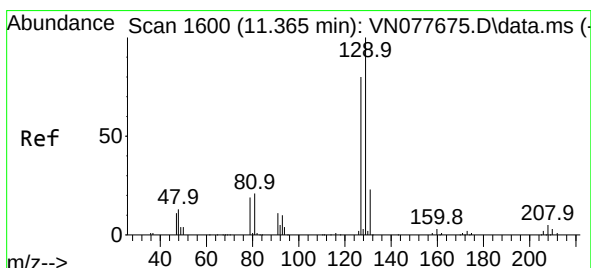
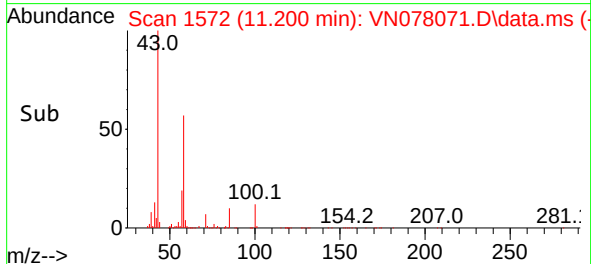
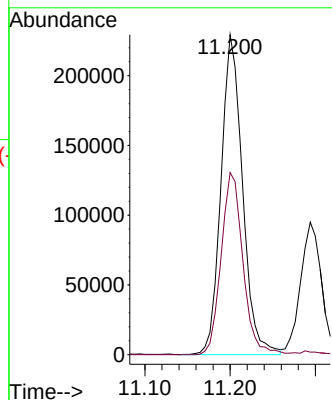
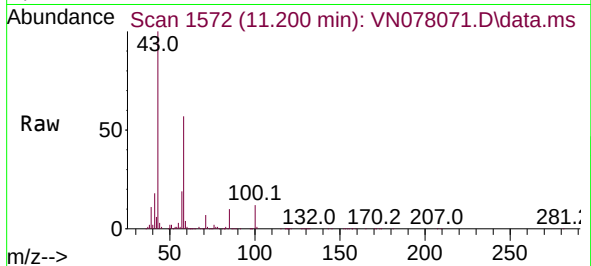
#59
2-Hexanone
Concen: 103.793 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01

Tgt Ion: 43 Resp: 40285
Ion Ratio Lower Upper
43 100
58 57.7 31.7 95.1

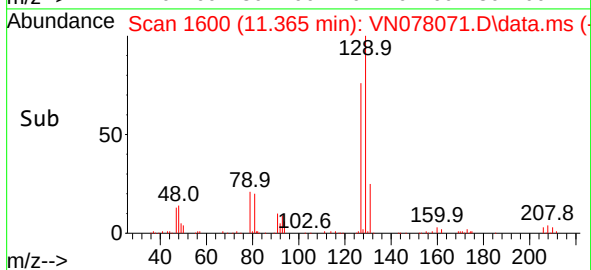
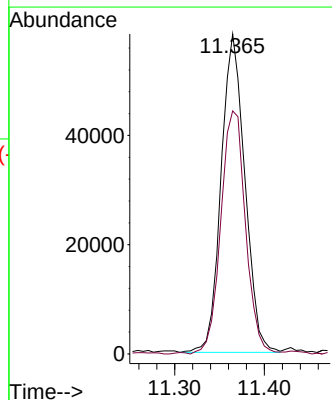
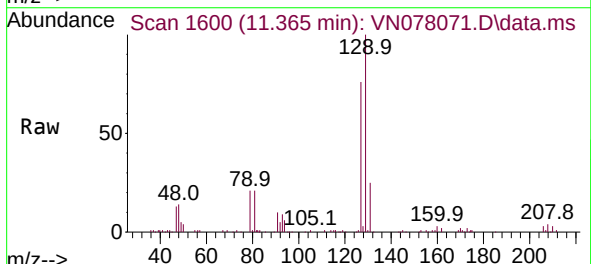
Manual Integrations
APPROVED

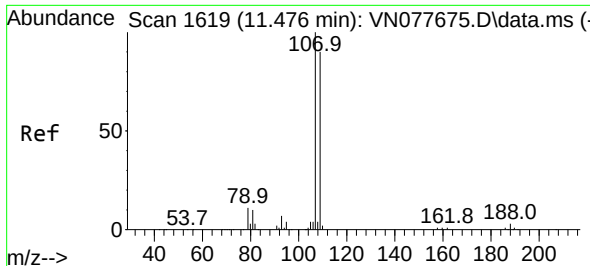
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#60
Dibromochloromethane
Concen: 23.418 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

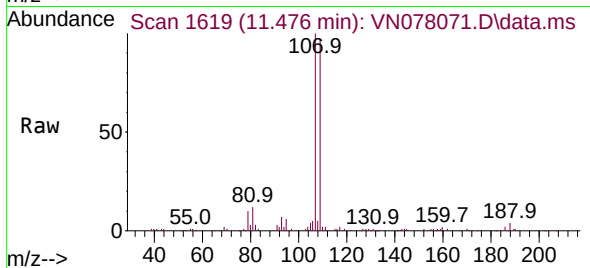
Tgt Ion:129 Resp: 106934
Ion Ratio Lower Upper
129 100
127 79.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 23.730 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

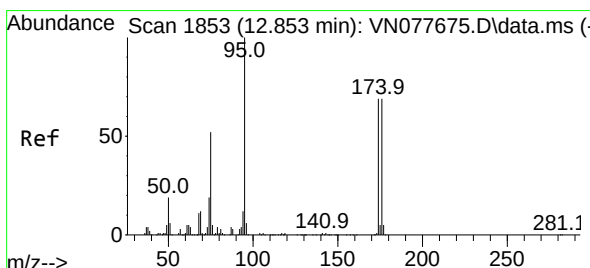
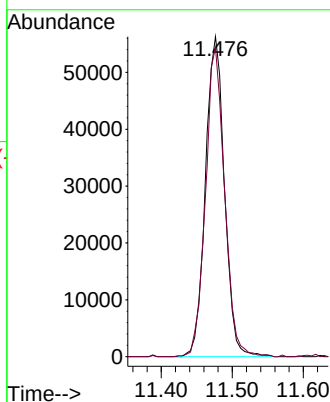
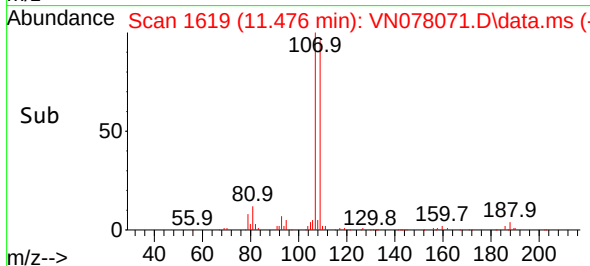
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01



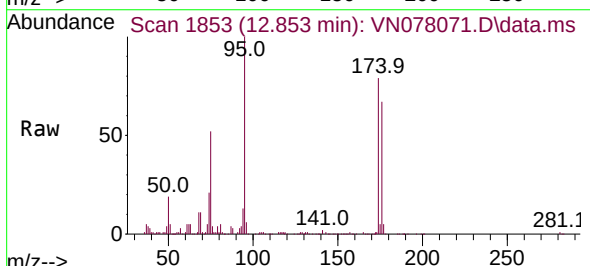
Tgt Ion:107 Resp: 104710
Ion Ratio Lower Upper
107 100
109 97.2 76.6 114.8

Manual Integrations
APPROVED

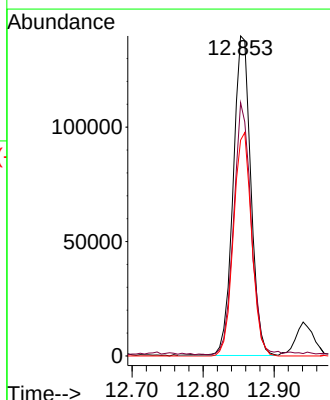
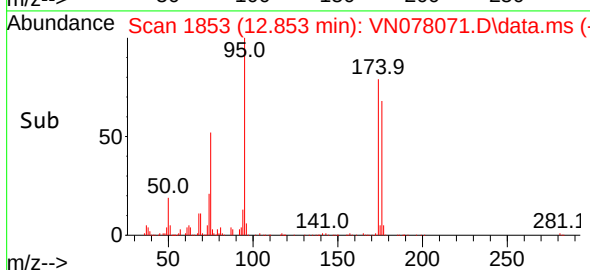
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

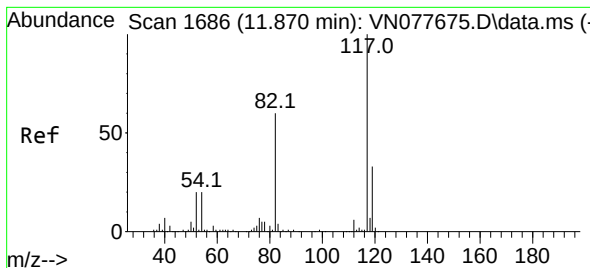


#62
4-Bromofluorobenzene
Concen: 43.144 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36



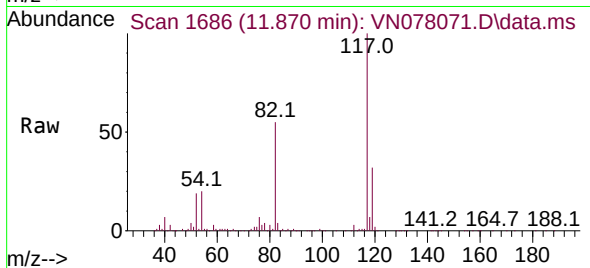
Tgt Ion: 95 Resp: 243148
Ion Ratio Lower Upper
95 100
174 77.5 0.0 143.8
176 71.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

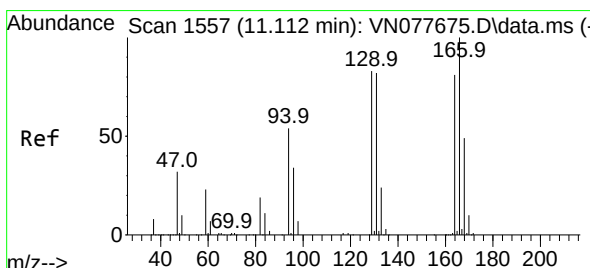
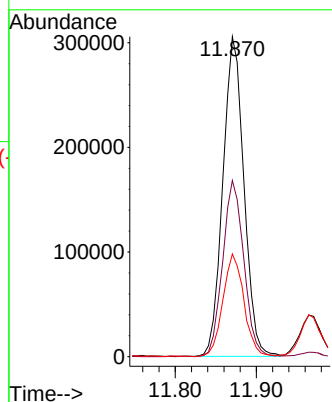
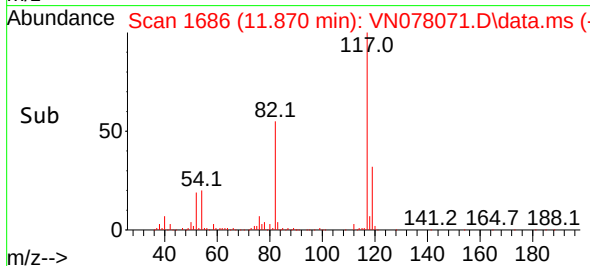
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01



Tgt Ion:117 Resp: 55129
Ion Ratio Lower Upper
117 100
82 55.0 44.0 66.0
119 32.0 25.6 38.4

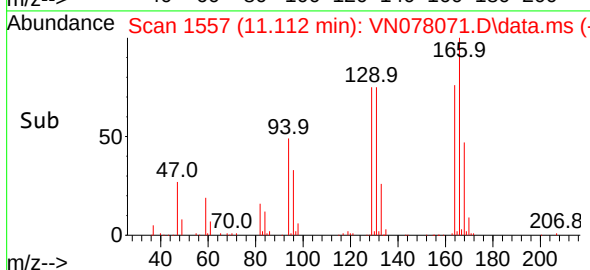
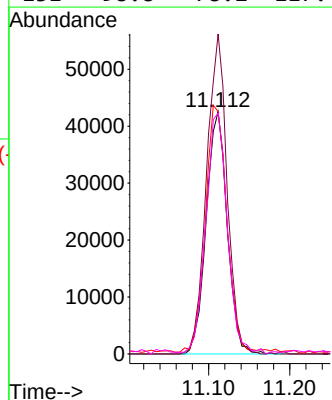
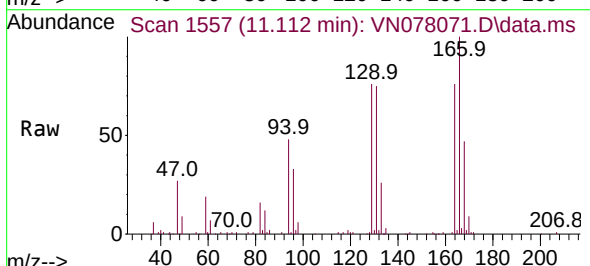
Manual Integrations
APPROVED

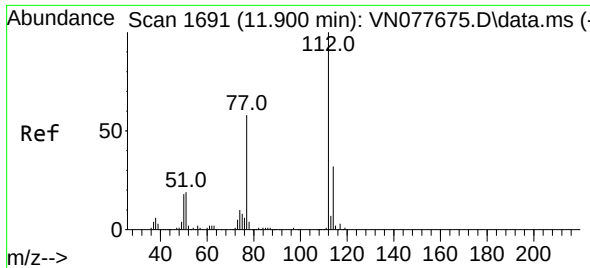
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#64
Tetrachloroethene
Concen: 19.746 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

Tgt Ion:164 Resp: 76129
Ion Ratio Lower Upper
164 100
166 132.1 101.4 152.0
129 99.2 82.4 123.6
131 98.8 78.2 117.4





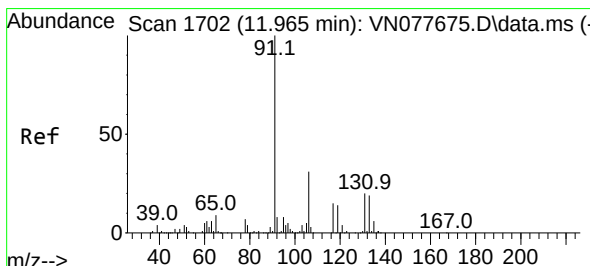
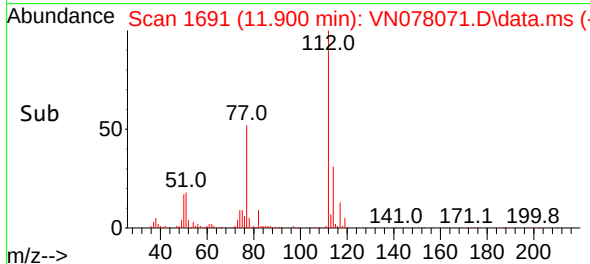
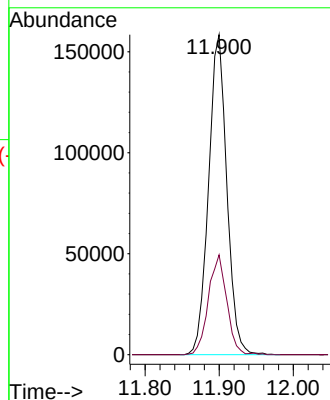
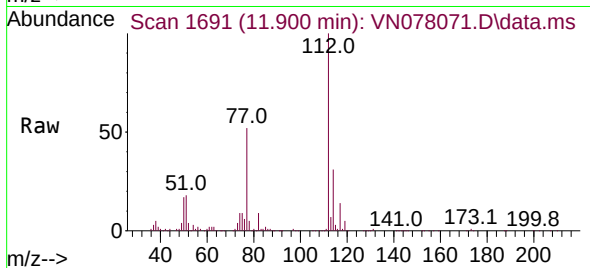
#65
Chlorobenzene
Concen: 22.717 ug/l
RT: 11.900 min Scan# 1691
Delta R.T. -0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01

Tgt Ion:112 Resp: 271490
Ion Ratio Lower Upper
112 100
114 31.2 25.0 37.4

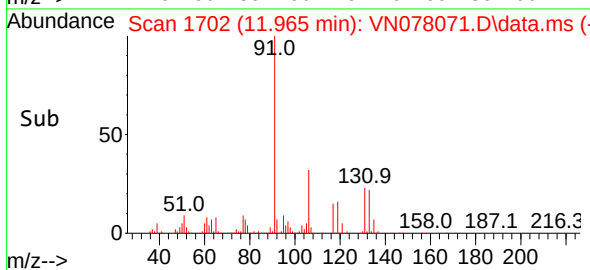
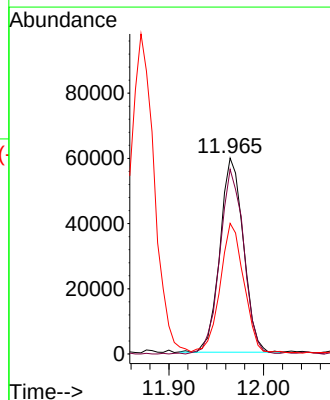
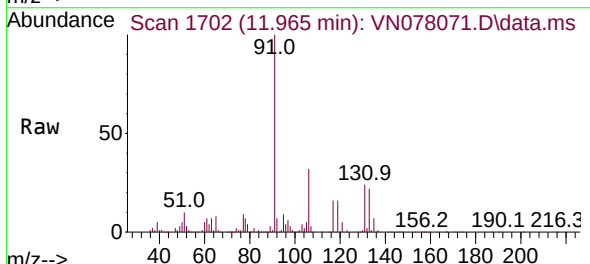
Manual Integrations
APPROVED

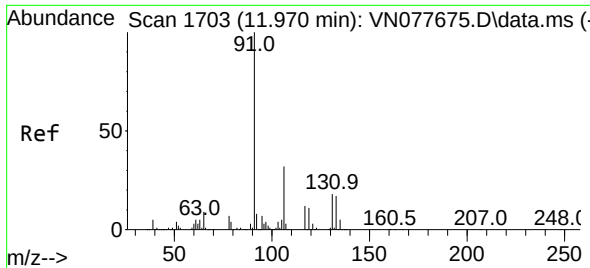
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 24.818 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

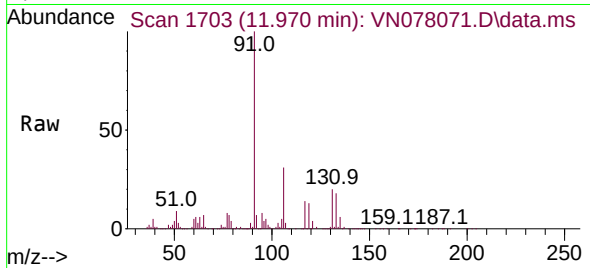
Tgt Ion:131 Resp: 102633
Ion Ratio Lower Upper
131 100
133 97.7 46.4 139.1
119 68.2 34.1 102.2





#67
Ethyl Benzene
Concen: 21.697 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

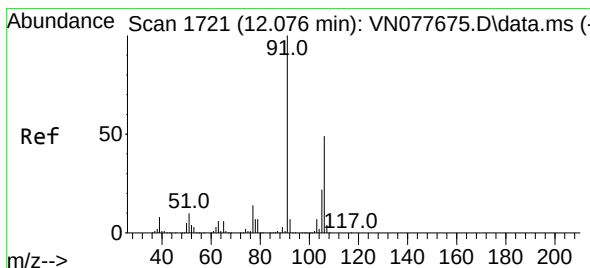
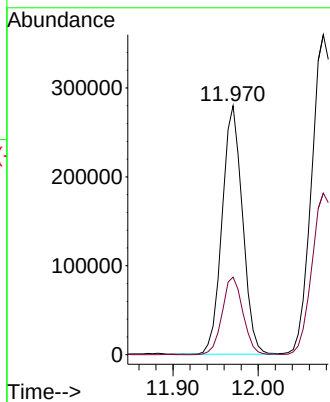
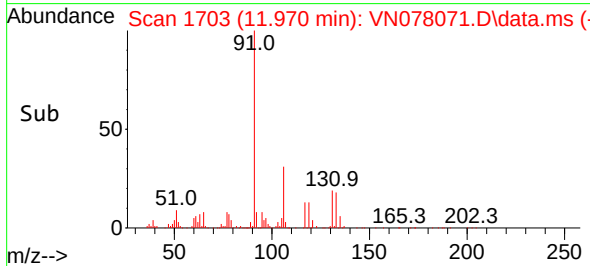
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01



Tgt Ion: 91 Resp: 46470
Ion Ratio Lower Upper
91 100
106 31.3 25.6 38.4

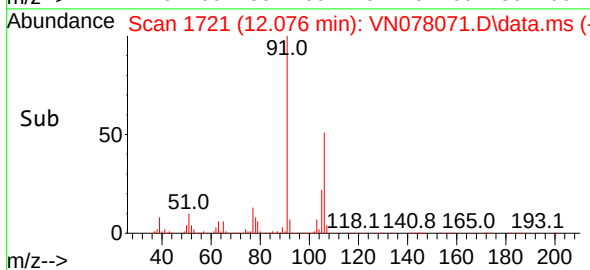
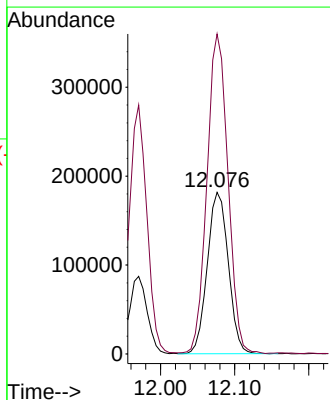
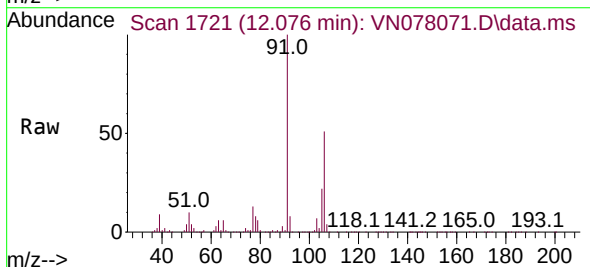
Manual Integrations
APPROVED

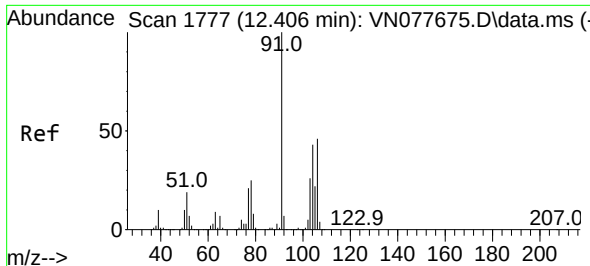
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#68
m/p-Xylenes
Concen: 44.176 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

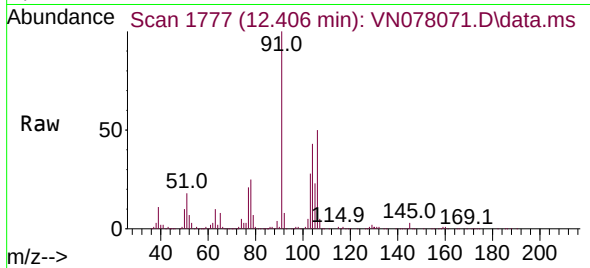
Tgt Ion:106 Resp: 358502
Ion Ratio Lower Upper
106 100
91 197.1 159.6 239.4





#69
o-Xylene
Concen: 23.063 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

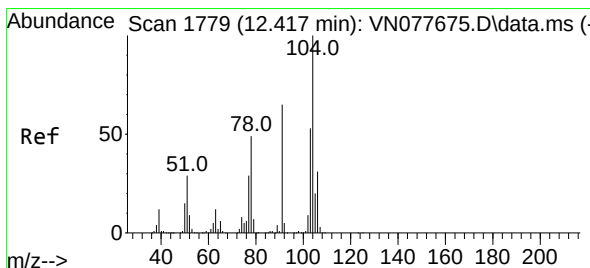
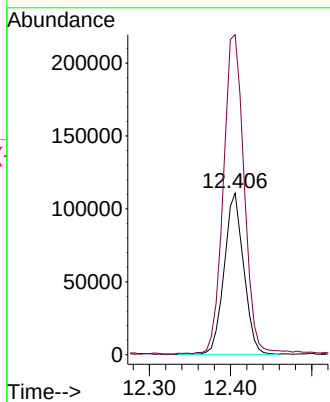
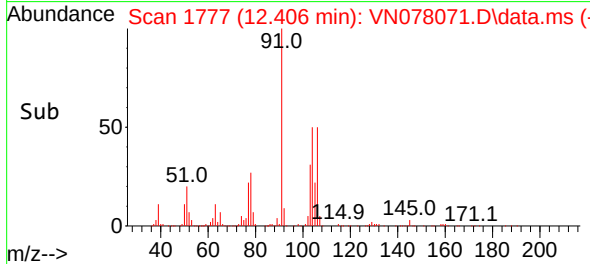
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01



Tgt Ion:106 Resp: 184068
Ion Ratio Lower Upper
106 100
91 214.9 105.2 315.5

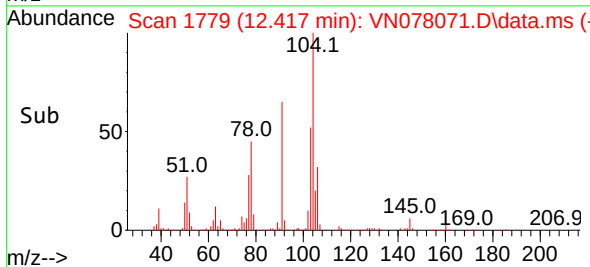
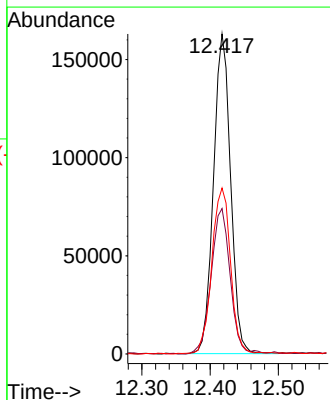
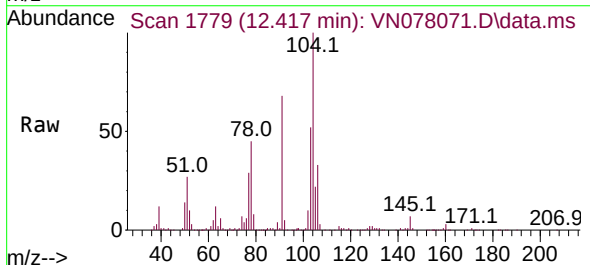
Manual Integrations
APPROVED

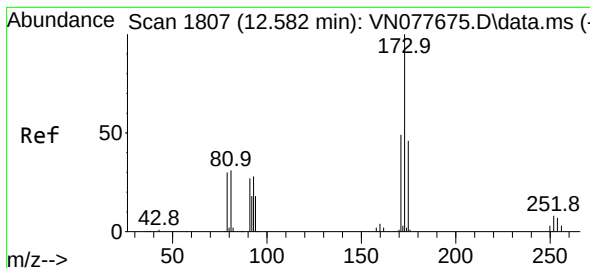
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#70
Styrene
Concen: 22.456 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

Tgt Ion:104 Resp: 284705
Ion Ratio Lower Upper
104 100
78 50.6 39.5 59.3
103 57.2 43.2 64.8





#71

Bromoform

Concen: 25.320 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN078071.D

Acq: 06 Jun 2023 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0606WBSD01

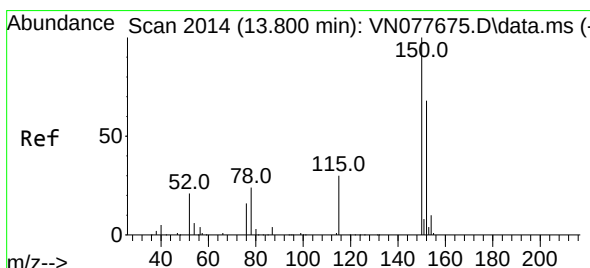
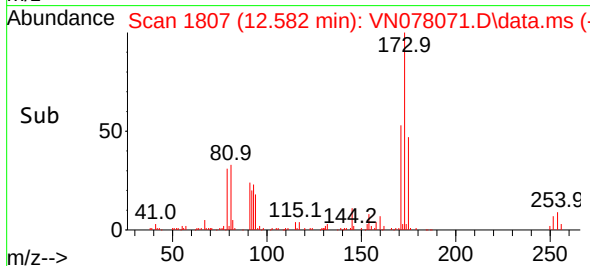
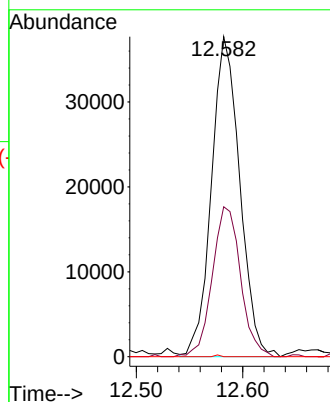
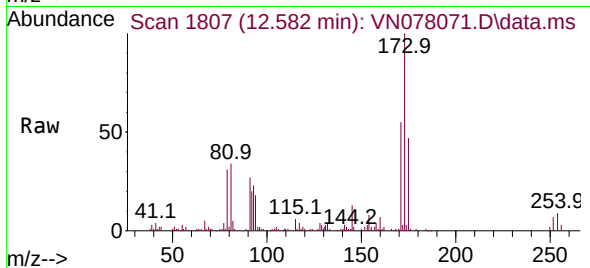
Tgt Ion:173 Resp: 69654
 Ion Ratio Lower Upper
 173 100
 175 46.6 24.3 73.0
 254 0.1 0.0 0.0

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

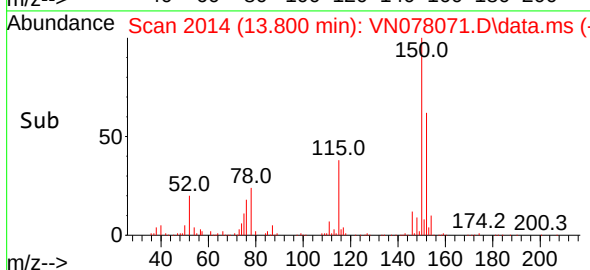
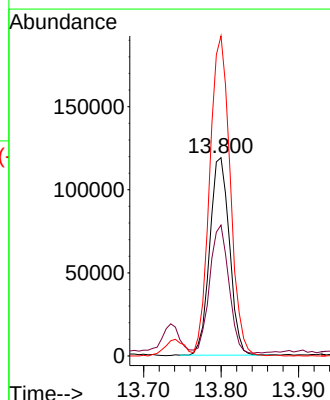
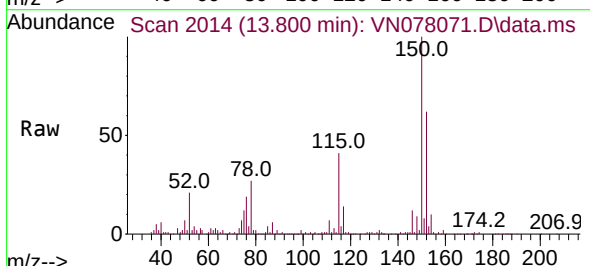
RT: 13.800 min Scan# 2014

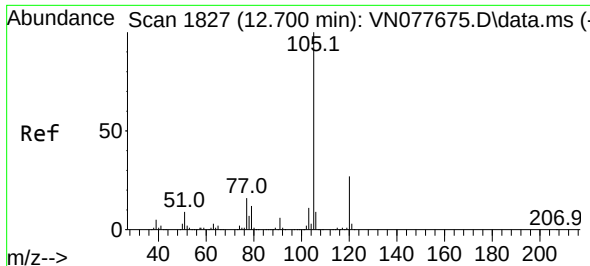
Delta R.T. -0.000 min

Lab File: VN078071.D

Acq: 06 Jun 2023 15:36

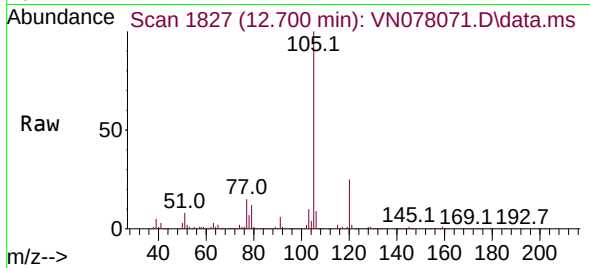
Tgt Ion:152 Resp: 210287
 Ion Ratio Lower Upper
 152 100
 115 62.7 32.3 96.8
 150 167.5 0.0 355.8





#73
Isopropylbenzene
Concen: 23.989 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

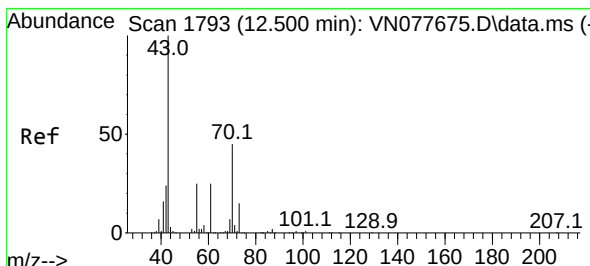
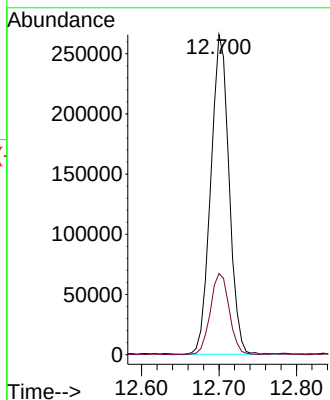
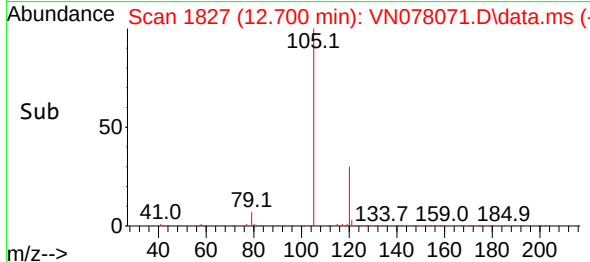
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01



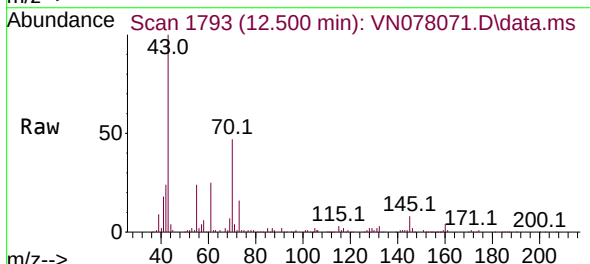
Tgt Ion:105 Resp: 43484
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1

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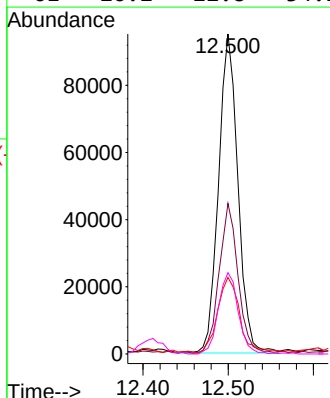
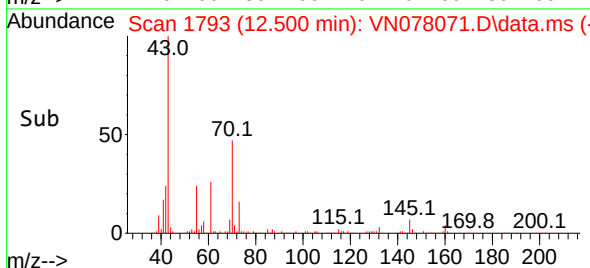
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

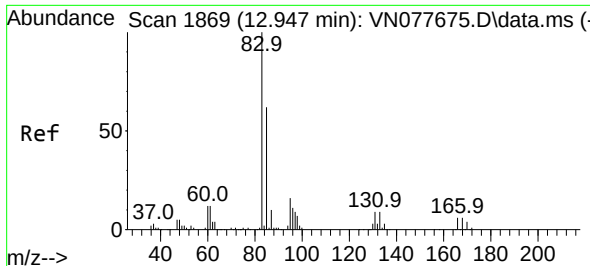


#74
N-ethyl acetate
Concen: 22.444 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36



Tgt Ion: 43 Resp: 150377
Ion Ratio Lower Upper
43 100
70 45.9 43.4 65.2
55 27.1 21.4 32.0
61 26.2 22.8 34.2





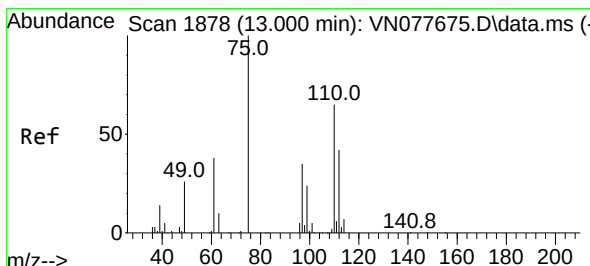
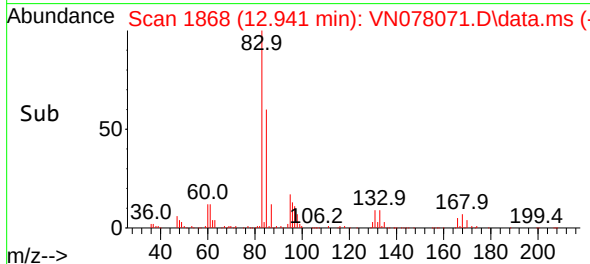
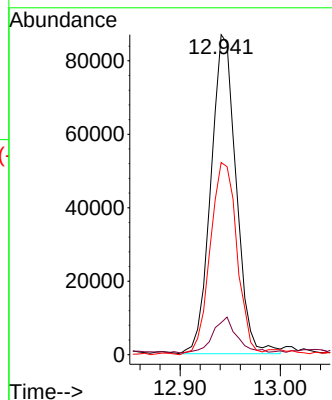
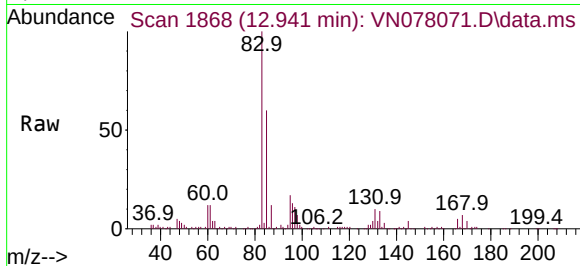
#75
1,1,2,2-Tetrachloroethane
Concen: 27.310 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.006 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01

Tgt Ion: 83 Resp: 15229
Ion Ratio Lower Upper
83 100
131 10.4 5.0 15.0
85 63.4 31.9 95.7

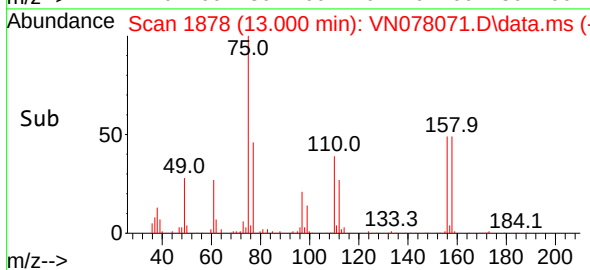
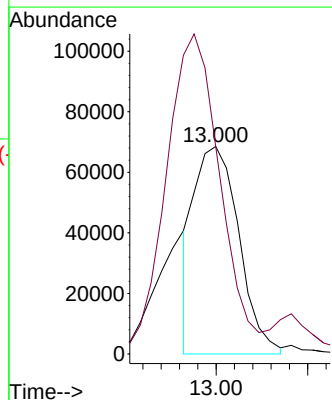
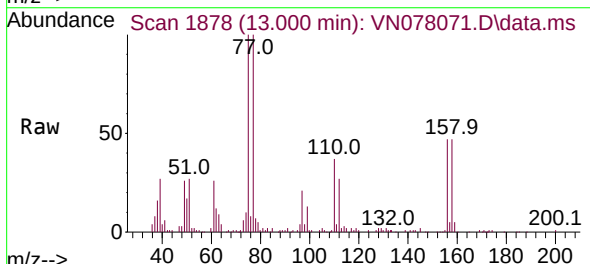
Manual Integrations
APPROVED

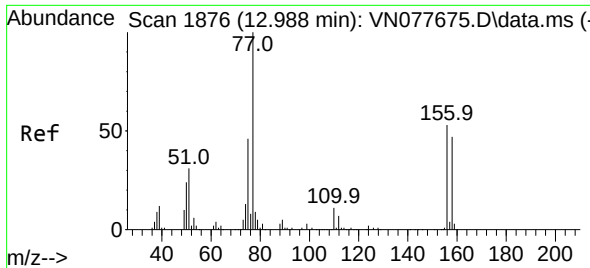
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#76
1,2,3-Trichloropropane
Concen: 21.998 ug/l m
RT: 13.000 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

Tgt Ion: 75 Resp: 115849
Ion Ratio Lower Upper
75 100
77 184.6 84.5 253.5





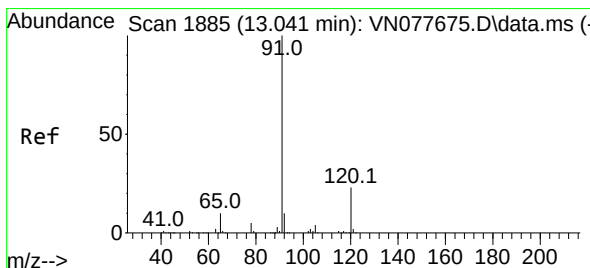
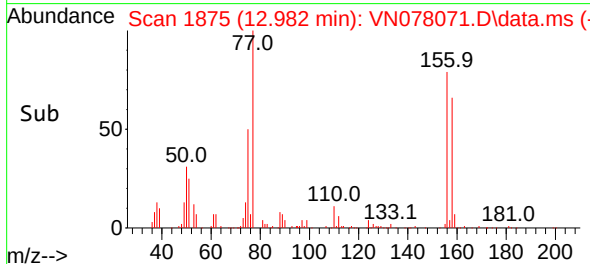
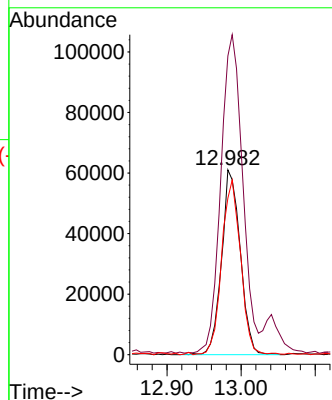
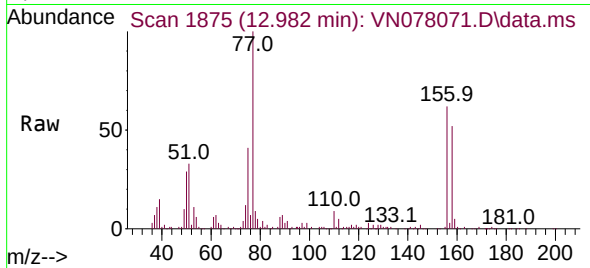
#77
Bromobenzene
Concen: 25.881 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01

Tgt Ion:156 Resp: 10706
Ion Ratio Lower Upper
156 100
77 199.7 107.7 323.3
158 95.5 48.4 145.3

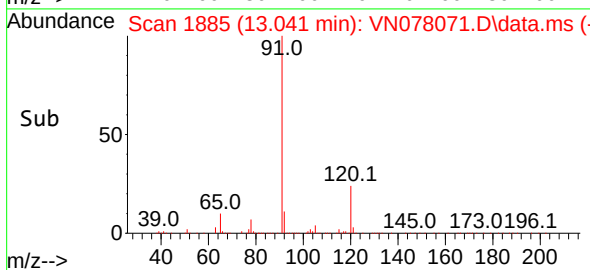
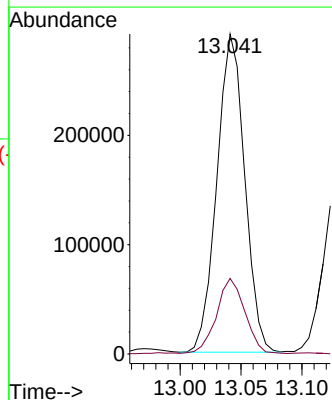
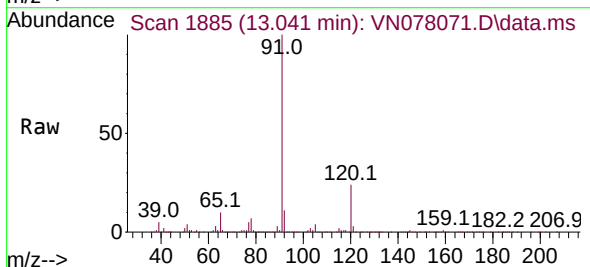
Manual Integrations
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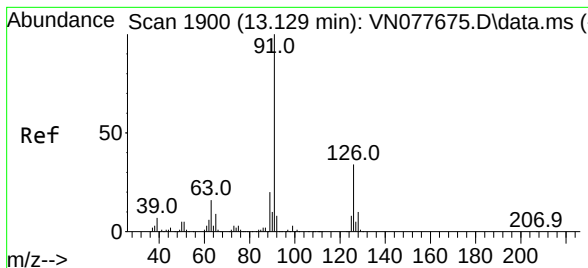
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#78
n-propylbenzene
Concen: 21.607 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

Tgt Ion: 91 Resp: 461746
Ion Ratio Lower Upper
91 100
120 24.0 11.5 34.4





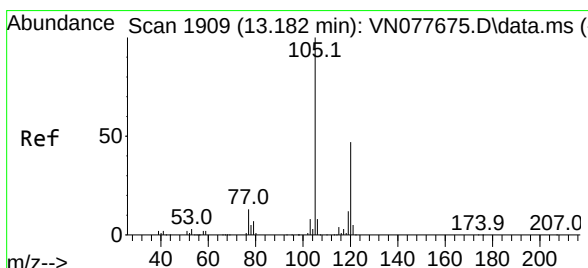
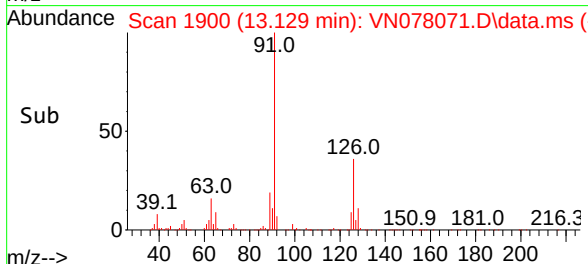
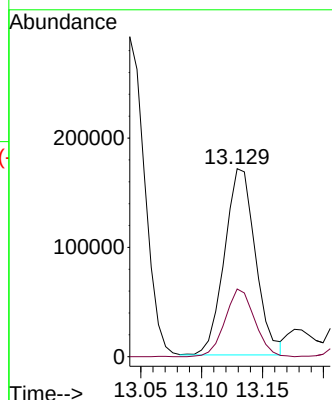
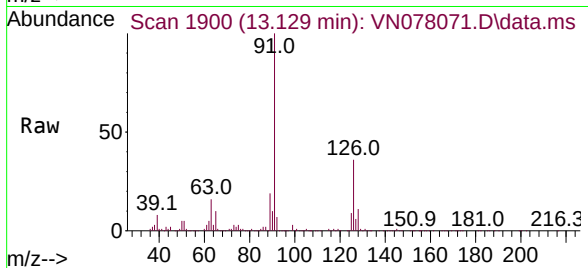
#79
2-Chlorotoluene
Concen: 23.706 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01

Tgt Ion: 91 Resp: 302300
Ion Ratio Lower Upper
91 100
126 34.7 16.3 48.8

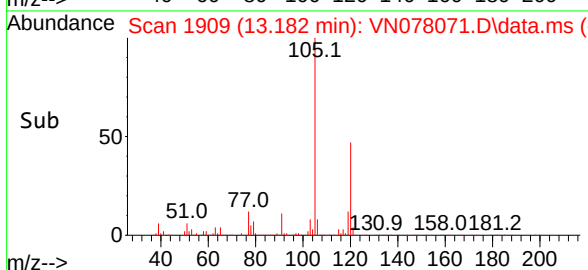
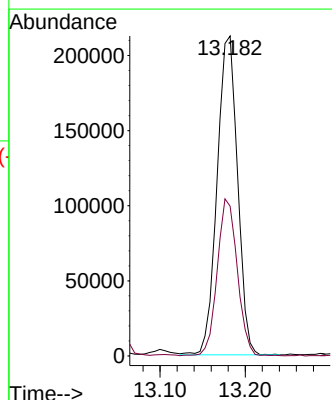
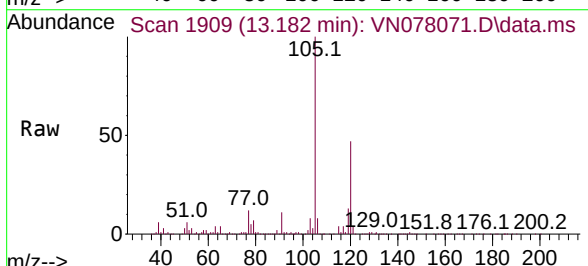
Manual Integrations
APPROVED

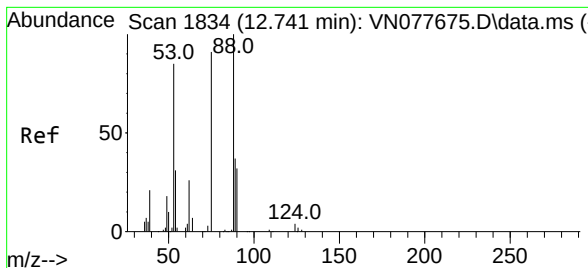
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#80
1,3,5-Trimethylbenzene
Concen: 23.200 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

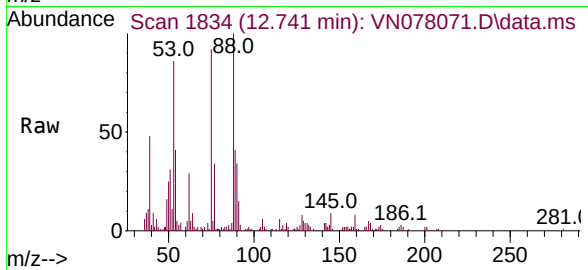
Tgt Ion:105 Resp: 353455
Ion Ratio Lower Upper
105 100
120 48.2 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 22.425 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

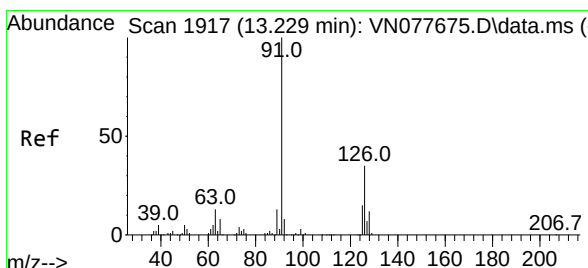
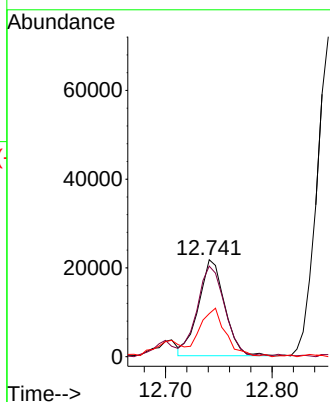
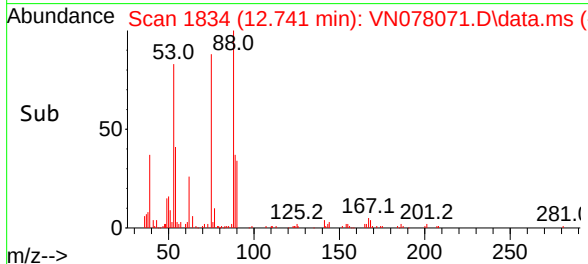
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01



Tgt Ion: 75 Resp: 36940
Ion Ratio Lower Upper
75 100
53 97.7 67.4 101.2
89 50.3 38.8 58.2

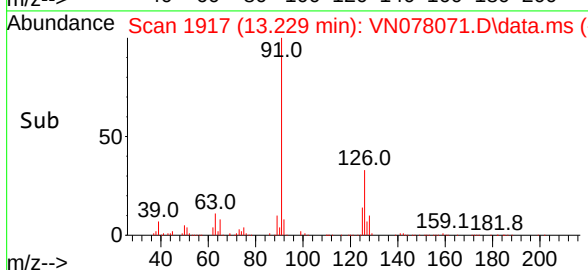
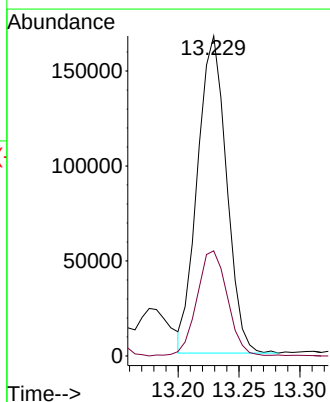
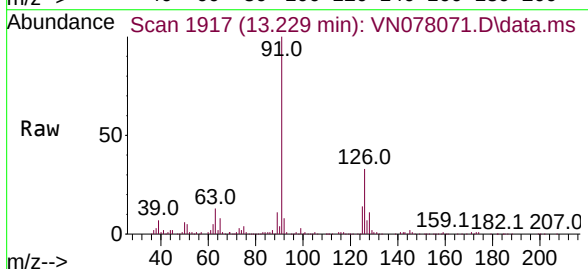
Manual Integrations
APPROVED

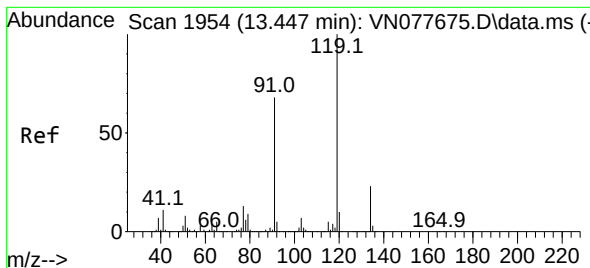
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#82
4-Chlorotoluene
Concen: 21.869 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

Tgt Ion: 91 Resp: 277465
Ion Ratio Lower Upper
91 100
126 34.9 16.7 50.0





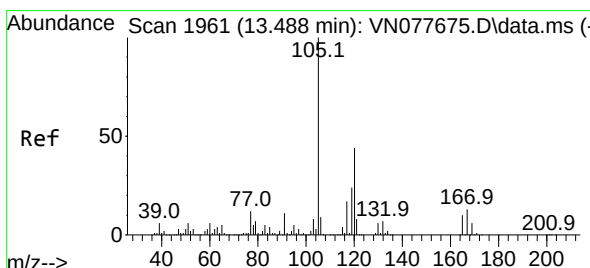
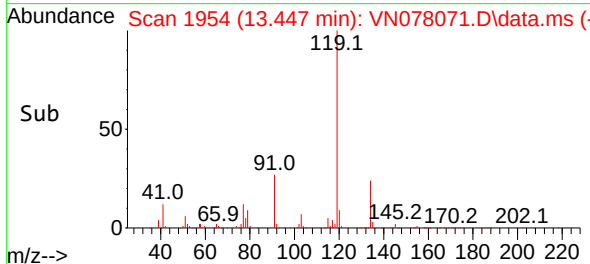
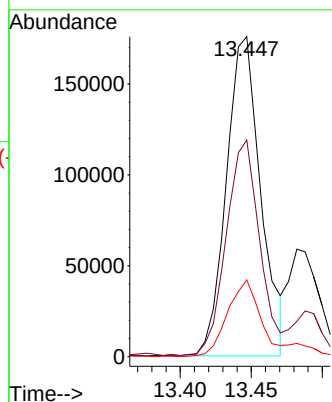
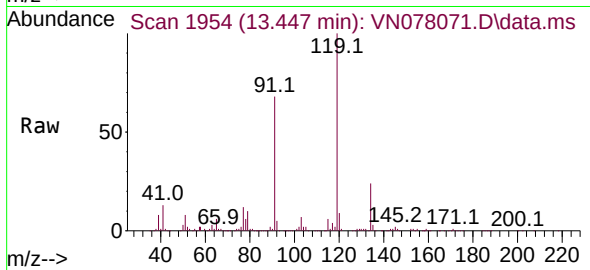
#83
tert-Butylbenzene
Concen: 22.270 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. -0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01

Tgt Ion:119 Resp: 296183
Ion Ratio Lower Upper
119 100
91 65.4 33.9 101.7
134 22.8 13.2 39.6

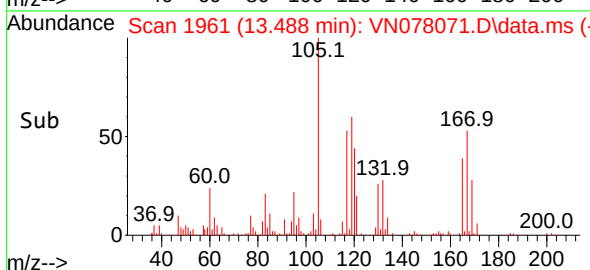
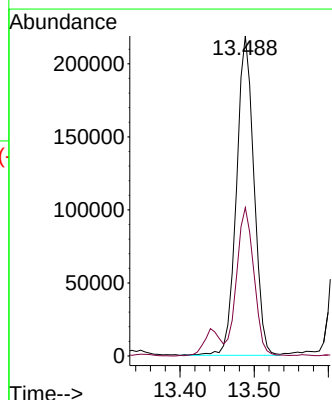
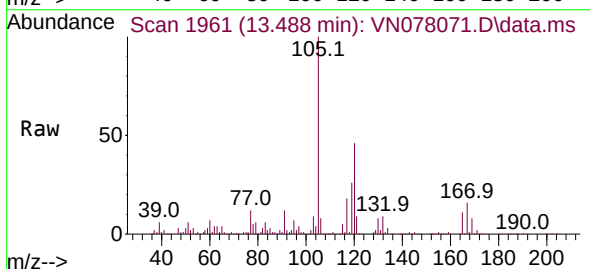
Manual Integrations
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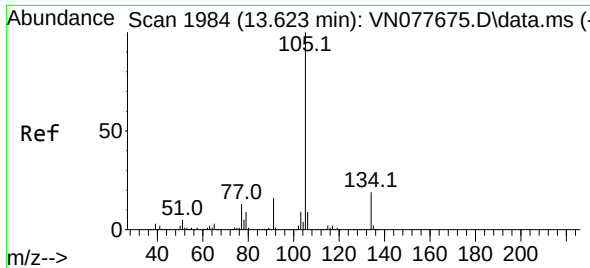
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#84
1,2,4-Trimethylbenzene
Concen: 23.868 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

Tgt Ion:105 Resp: 357625
Ion Ratio Lower Upper
105 100
120 45.7 22.0 66.0





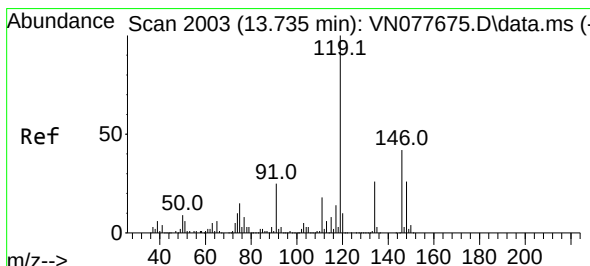
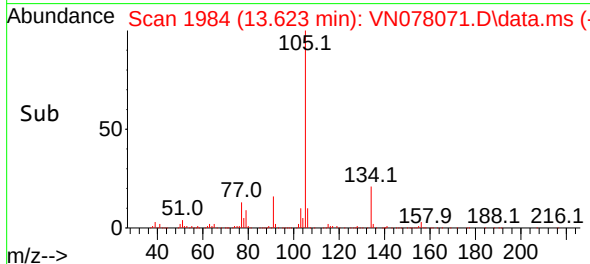
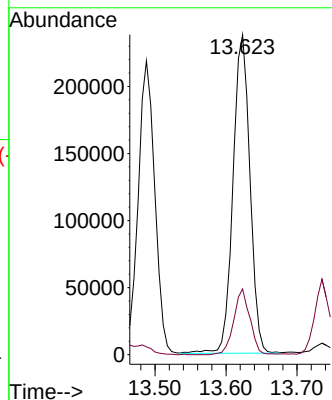
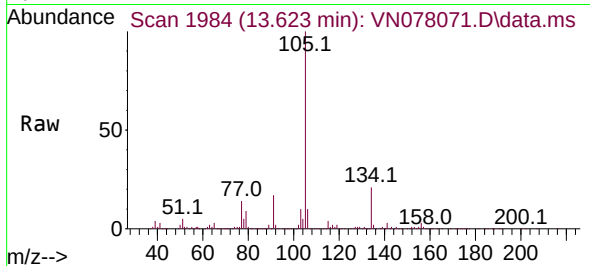
#85
 sec-Butylbenzene
 Concen: 20.860 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078071.D
 Acq: 06 Jun 2023 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0606WBSD01

Tgt Ion:105 Resp: 39428
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

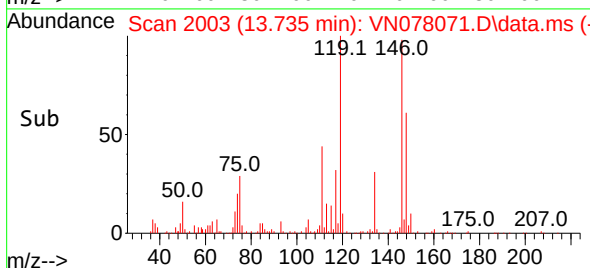
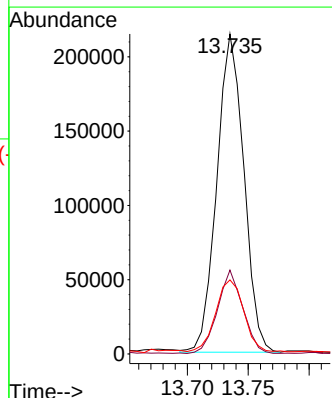
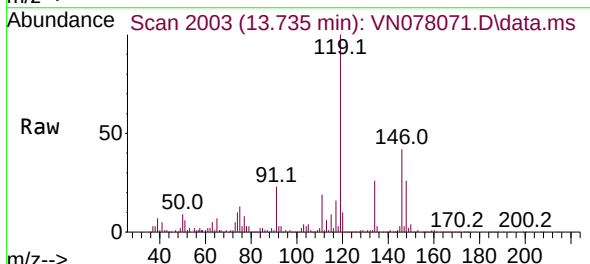
Manual Integrations
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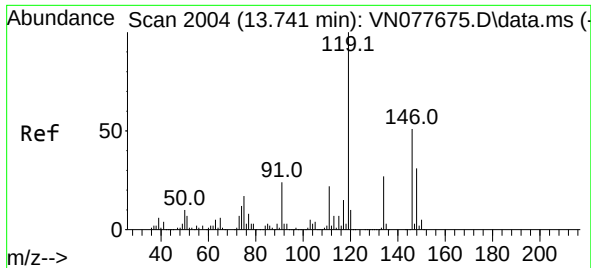
Reviewed By :John Carlone 06/07/2023
 Supervised By :Mahesh Dadoda 06/07/2023



#86
 p-Isopropyltoluene
 Concen: 21.954 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078071.D
 Acq: 06 Jun 2023 15:36

Tgt Ion:119 Resp: 330829
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.6 37.8
 91 23.3 12.4 37.2





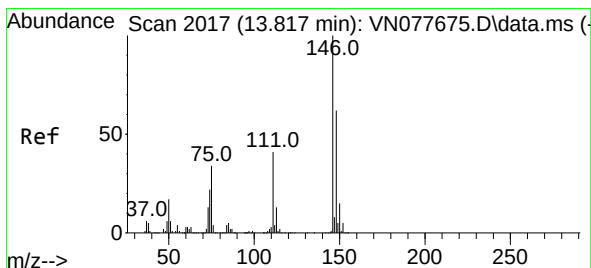
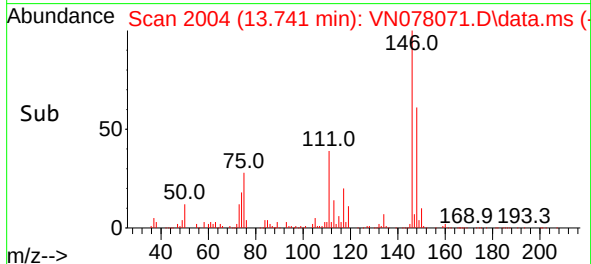
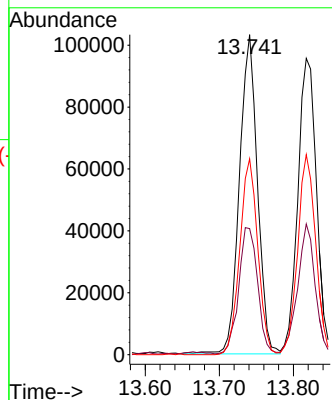
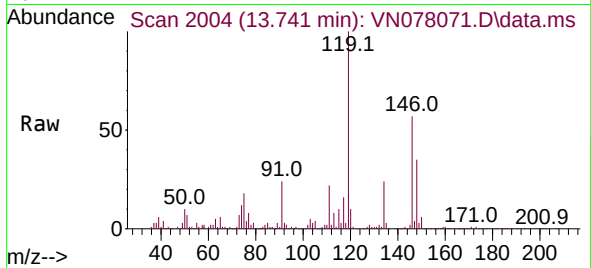
#87
1,3-Dichlorobenzene
Concen: 22.732 ug/l
RT: 13.741 min Scan# 2004
Delta R.T. -0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01

Tgt Ion:146 Resp: 173902
Ion Ratio Lower Upper
146 100
111 41.5 22.1 66.3
148 61.3 32.0 96.0

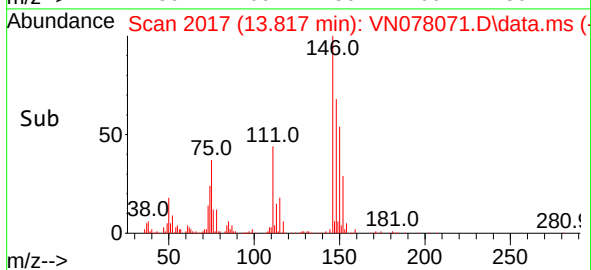
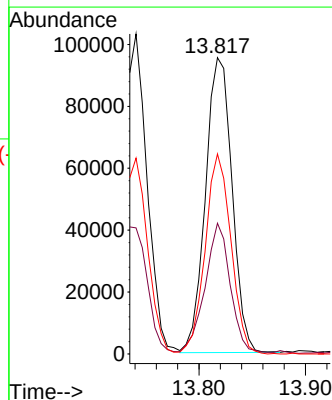
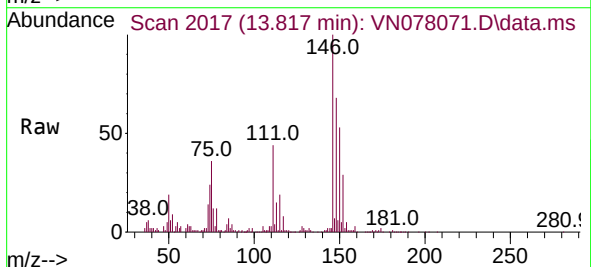
Manual Integrations
APPROVED

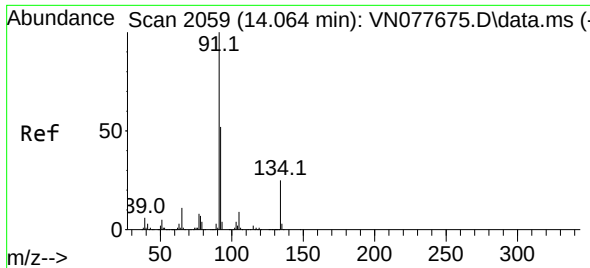
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#88
1,4-Dichlorobenzene
Concen: 21.761 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

Tgt Ion:146 Resp: 165193
Ion Ratio Lower Upper
146 100
111 41.1 20.6 61.8
148 66.1 31.6 94.8





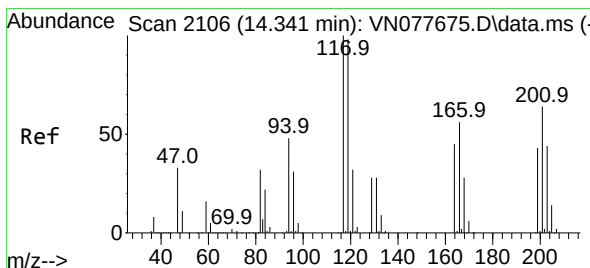
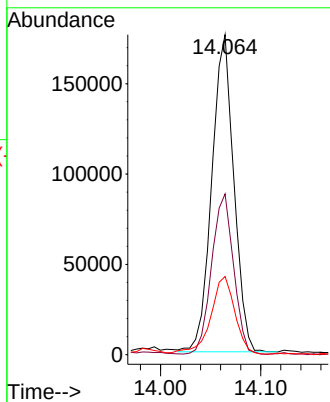
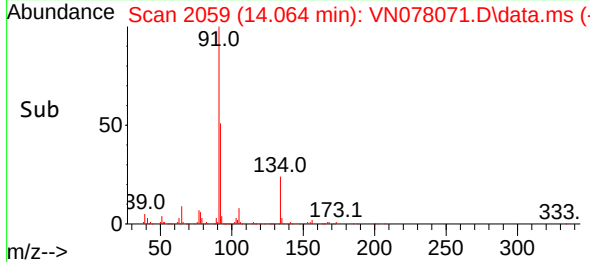
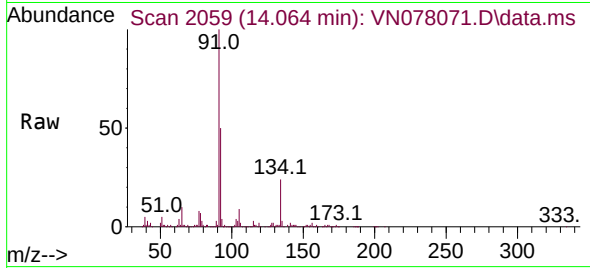
#89
n-Butylbenzene
Concen: 19.331 ug/l
RT: 14.064 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01

Tgt Ion: 91 Resp: 267930
Ion Ratio Lower Upper
91 100
92 50.4 26.4 79.0
134 26.8 12.6 37.6

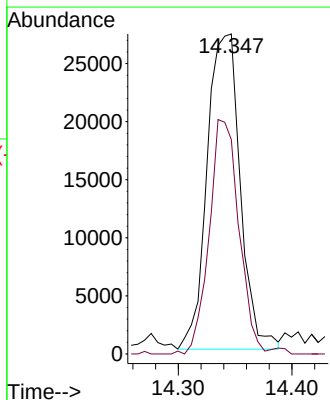
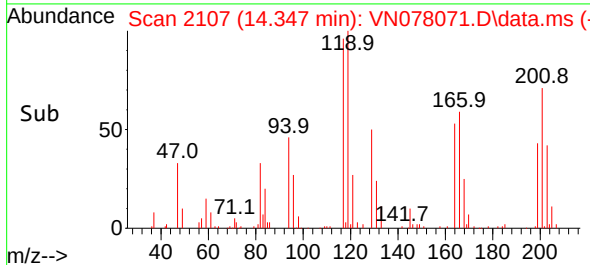
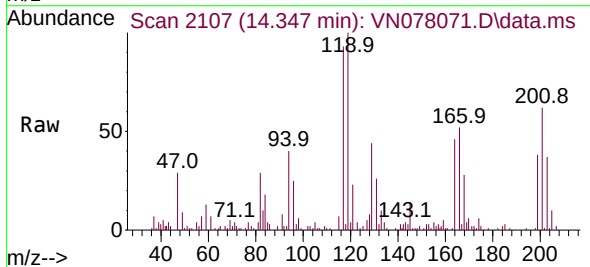
Manual Integrations
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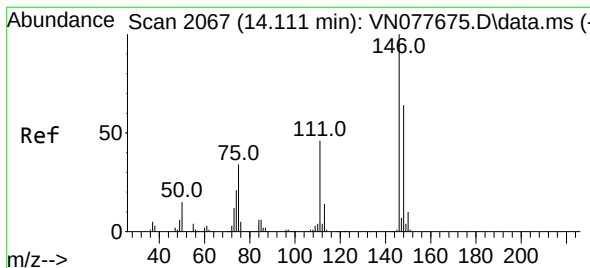
Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023



#90
Hexachloroethane
Concen: 22.244 ug/l
RT: 14.347 min Scan# 2107
Delta R.T. 0.006 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

Tgt Ion:117 Resp: 55066
Ion Ratio Lower Upper
117 100
201 66.6 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 25.077 ug/l

RT: 14.111 min Scan# 2067

Delta R.T. 0.000 min

Lab File: VN078071.D

Acq: 06 Jun 2023 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0606WBSD01

Tgt Ion:146 Resp: 179220

Ion Ratio Lower Upper

146 100

111 42.7 22.0 66.0

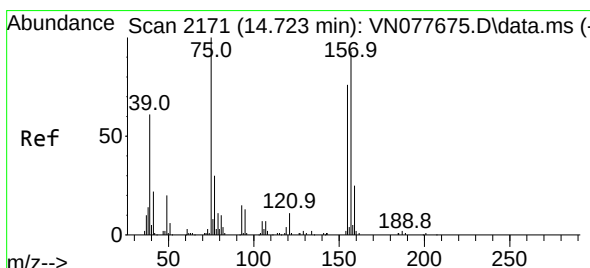
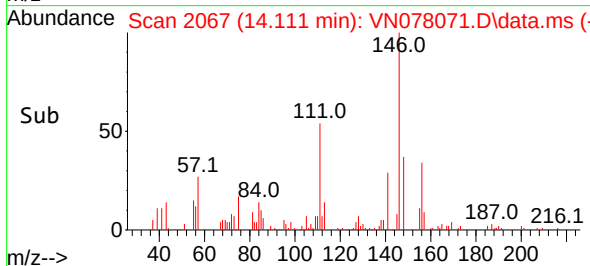
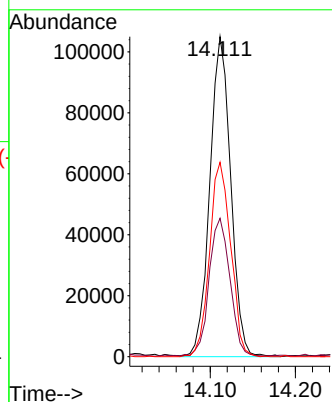
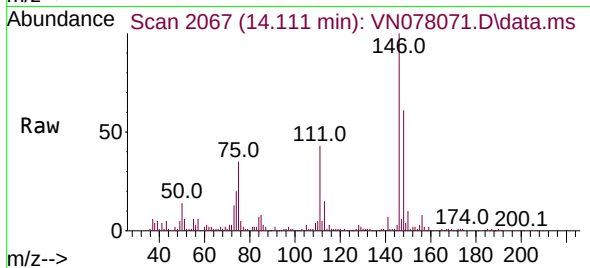
148 61.4 31.8 95.3

Manual Integrations

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Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.516 ug/l

RT: 14.729 min Scan# 2172

Delta R.T. 0.006 min

Lab File: VN078071.D

Acq: 06 Jun 2023 15:36

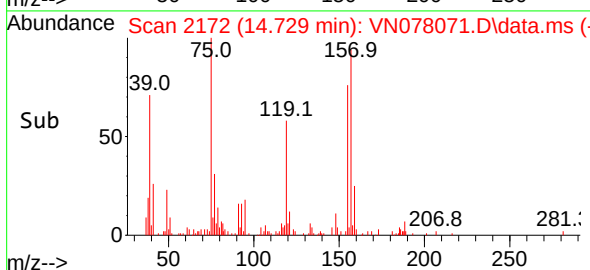
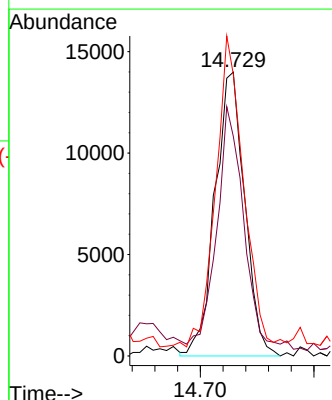
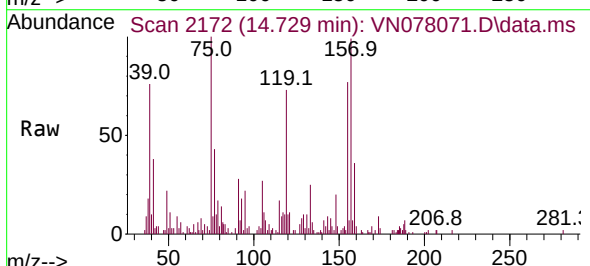
Tgt Ion: 75 Resp: 25388

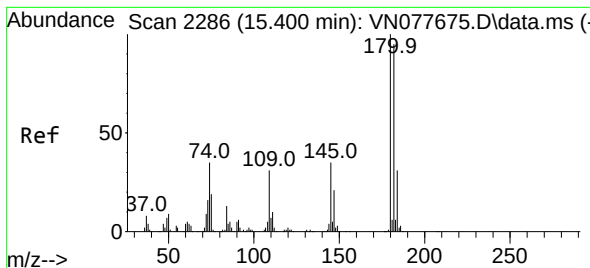
Ion Ratio Lower Upper

75 100

155 80.8 39.1 117.2

157 102.0 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 16.144 ug/l

RT: 15.400 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN078071.D

Acq: 06 Jun 2023 15:36

Instrument :

MSVOA_N

ClientSampleId :

VN0606WBSD01

Tgt Ion:180 Resp: 67420

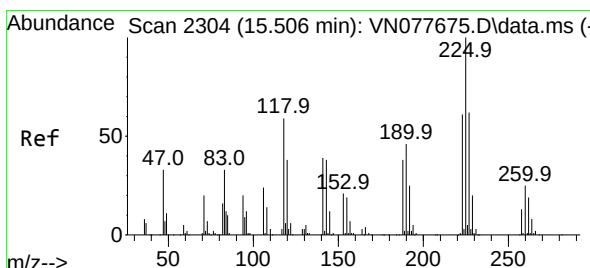
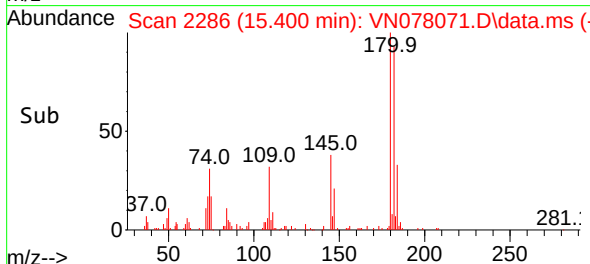
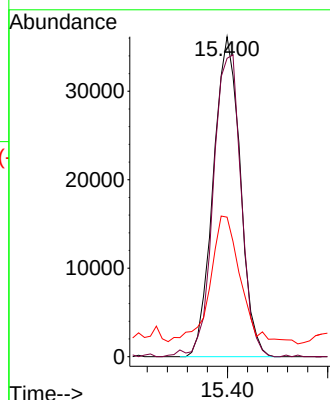
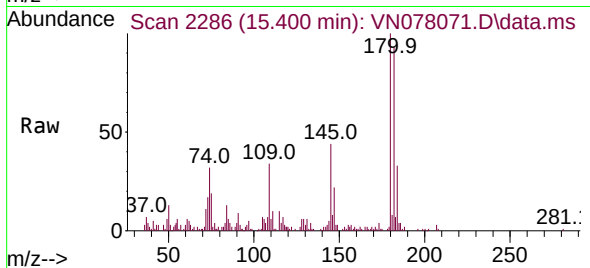
Ion	Ratio	Lower	Upper
180	100		
182	97.3	46.1	138.2
145	52.9	16.6	49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/07/2023

Supervised By :Mahesh Dadoda 06/07/2023



#94

Hexachlorobutadiene

Concen: 18.758 ug/l

RT: 15.506 min Scan# 2304

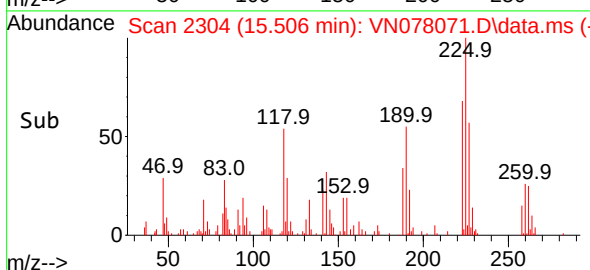
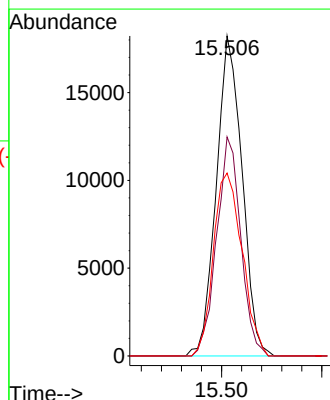
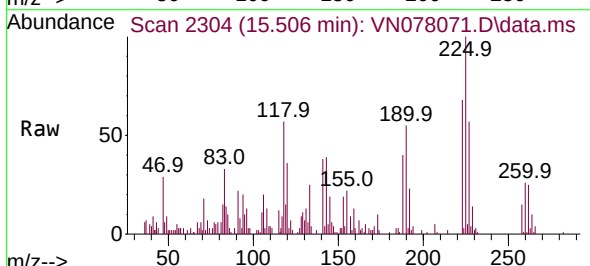
Delta R.T. -0.001 min

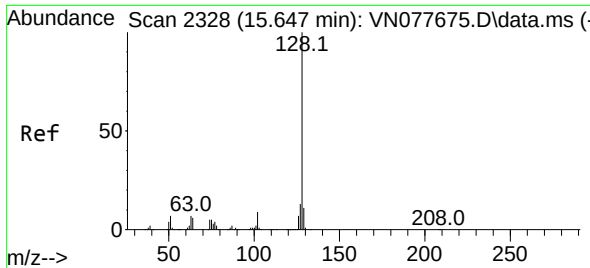
Lab File: VN078071.D

Acq: 06 Jun 2023 15:36

Tgt Ion:225 Resp: 32527

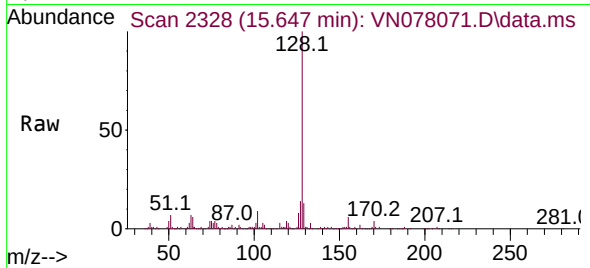
Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.3	93.8
227	63.7	31.9	95.9





#95
Naphthalene
Concen: 17.753 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36

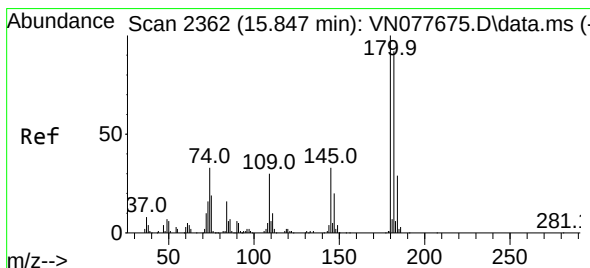
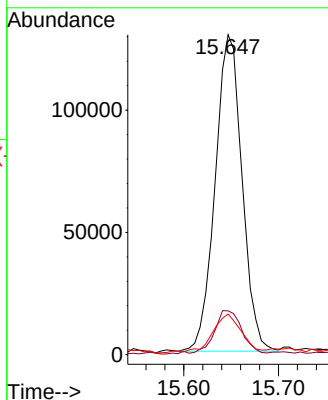
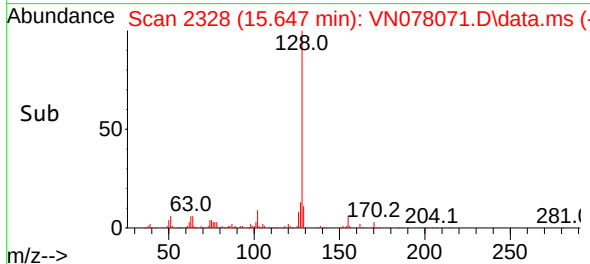
Instrument :
MSVOA_N
ClientSampleId :
VN0606WBSD01



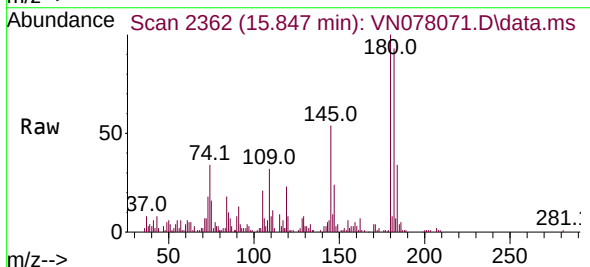
Tgt Ion:128 Resp: 25521
Ion Ratio Lower Upper
128 100
127 14.3 10.0 15.0
129 13.1 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 18.571 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078071.D
Acq: 06 Jun 2023 15:36



Tgt Ion:180 Resp: 75940
Ion Ratio Lower Upper
180 100
182 95.1 46.2 138.6
145 56.5 17.5 52.6

