

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081023\
 Data File : VN078828.D
 Acq On : 10 Aug 2023 11:31
 Operator : JC\MD
 Sample : VN0810WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/11/2023
 Supervised By : Mahesh Dadoda 08/11/2023

Quant Time: Aug 10 23:48:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 05:03:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	149328	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	265893	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	230860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	82550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	121686	54.357	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.720%			
35) Dibromofluoromethane	8.177	113	96419	53.697	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.400%			
50) Toluene-d8	10.571	98	358353	54.232	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.460%			
62) 4-Bromofluorobenzene	12.853	95	104883	53.110	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.220%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	38656	17.541	ug/l	99
3) Chloromethane	2.371	50	43621	16.969	ug/l	97
4) Vinyl Chloride	2.518	62	45280	18.655	ug/l	97
5) Bromomethane	2.965	94	29289	17.038	ug/l	92
6) Chloroethane	3.130	64	29331	18.379	ug/l	94
7) Trichlorofluoromethane	3.512	101	59094	17.725	ug/l	90
8) Diethyl Ether	3.965	74	20315	16.699	ug/l #	50
9) 1,1,2-Trichlorotrifluo...	4.377	101	31430	18.099	ug/l #	83
10) Methyl Iodide	4.595	142	39722	17.813	ug/l #	94
11) Tert butyl alcohol	5.542	59	30345	77.235	ug/l	98
12) 1,1-Dichloroethene	4.348	96	30068	17.229	ug/l #	93
13) Acrolein	4.195	56	27549	82.872	ug/l	97
14) Allyl chloride	5.042	41	56028	19.281	ug/l #	91
15) Acrylonitrile	5.736	53	92034	89.950	ug/l	98
16) Acetone	4.436	43	78239	90.834	ug/l	92
17) Carbon Disulfide	4.724	76	85966	17.268	ug/l	96
18) Methyl Acetate	5.036	43	65742	16.994	ug/l #	81
19) Methyl tert-butyl Ether	5.806	73	106168	18.009	ug/l	99
20) Methylene Chloride	5.289	84	37730	17.687	ug/l #	83
21) trans-1,2-Dichloroethene	5.795	96	33742	17.277	ug/l	89
22) Diisopropyl ether	6.689	45	120660	17.284	ug/l #	85
23) Vinyl Acetate	6.618	43	383326	87.499	ug/l #	87
24) 1,1-Dichloroethane	6.583	63	69922	18.419	ug/l	98
25) 2-Butanone	7.500	43	120097	82.339	ug/l #	75
26) 2,2-Dichloropropane	7.500	77	54366	20.508	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	38961	17.376	ug/l	86
28) Bromochloromethane	7.818	49	41443	20.147	ug/l #	73
29) Tetrahydrofuran	7.847	42	83199	85.240	ug/l #	72
30) Chloroform	7.971	83	69072	18.066	ug/l	95
31) Cyclohexane	8.265	56	57998	17.632	ug/l	84
32) 1,1,1-Trichloroethane	8.177	97	57581	17.719	ug/l #	92
36) 1,1-Dichloropropene	8.383	75	49071	17.615	ug/l	96
37) Ethyl Acetate	7.571	43	49086	16.573	ug/l #	95
38) Carbon Tetrachloride	8.365	117	50491	17.582	ug/l	94
39) Methylcyclohexane	9.606	83	43852	16.853	ug/l	93
40) Benzene	8.612	78	154686	18.359	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	28670	17.409	ug/l #	82
42) 1,2-Dichloroethane	8.683	62	54469	17.985	ug/l	97
43) Isopropyl Acetate	8.700	43	88629	17.748	ug/l #	86
44) Trichloroethene	9.359	130	36245	17.564	ug/l	93
45) 1,2-Dichloropropane	9.624	63	39185	17.348	ug/l	98
46) Dibromomethane	9.718	93	26529	17.647	ug/l	93
47) Bromodichloromethane	9.894	83	55468	18.538	ug/l	99
48) Methyl methacrylate	9.688	41	37532	16.266	ug/l #	83
49) 1,4-Dioxane	9.700	88	11514	307.307	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	259463	84.828	ug/l #	85
52) Toluene	10.635	92	91552	17.792	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	52645	17.219	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	61382	18.480	ug/l #	86
55) 1,1,2-Trichloroethane	11.024	97	35789	17.497	ug/l	91
56) Ethyl methacrylate	10.882	69	50836	17.139	ug/l #	76
57) 1,3-Dichloropropane	11.171	76	65353	18.377	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.165	63	98830	92.811	ug/l	89
59) 2-Hexanone	11.200	43	183140	84.559	ug/l	82
60) Dibromochloromethane	11.365	129	38514	17.940	ug/l	99
61) 1,2-Dibromoethane	11.471	107	35717	17.630	ug/l	100
64) Tetrachloroethene	11.112	164	32778	18.427	ug/l	95
65) Chlorobenzene	11.894	112	96053	18.270	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	35944	17.652	ug/l	98
67) Ethyl Benzene	11.971	91	158843	16.962	ug/l	99
68) m/p-Xylenes	12.076	106	120624	34.914	ug/l	100
69) o-Xylene	12.406	106	59318	17.491	ug/l	99
70) Styrene	12.418	104	93577	17.581	ug/l	96
71) Bromoform	12.582	173	24099	16.968	ug/l #	95
73) Isopropylbenzene	12.700	105	143381	17.648	ug/l	98
74) N-amyl acetate	12.500	43	61870	16.787	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	49937	18.086	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	47484m	21.275	ug/l	
77) Bromobenzene	12.982	156	32982	17.301	ug/l	91
78) n-propylbenzene	13.041	91	163172	18.273	ug/l	97
79) 2-Chlorotoluene	13.129	91	104234	18.169	ug/l	100
80) 1,3,5-Trimethylbenzene	13.182	105	115946	17.815	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	15639	18.803	ug/l #	77
82) 4-Chlorotoluene	13.229	91	96505	18.388	ug/l	99
83) tert-Butylbenzene	13.447	119	95165	17.556	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	108921	17.413	ug/l	98
85) sec-Butylbenzene	13.623	105	125235	17.669	ug/l	98
86) p-Isopropyltoluene	13.735	119	95580	16.959	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	54386	17.863	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	54481	18.051	ug/l	99
89) n-Butylbenzene	14.065	91	69125	16.346	ug/l	99
90) Hexachloroethane	14.335	117	20917	17.907	ug/l	97
91) 1,2-Dichlorobenzene	14.112	146	53858	18.362	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.729	75	7459	17.612	ug/l	91
93) 1,2,4-Trichlorobenzene	15.400	180	11404	13.838	ug/l	89
94) Hexachlorobutadiene	15.500	225	9301	14.501	ug/l	93
95) Naphthalene	15.641	128	35320	12.840	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	14856	15.139	ug/l	96

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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

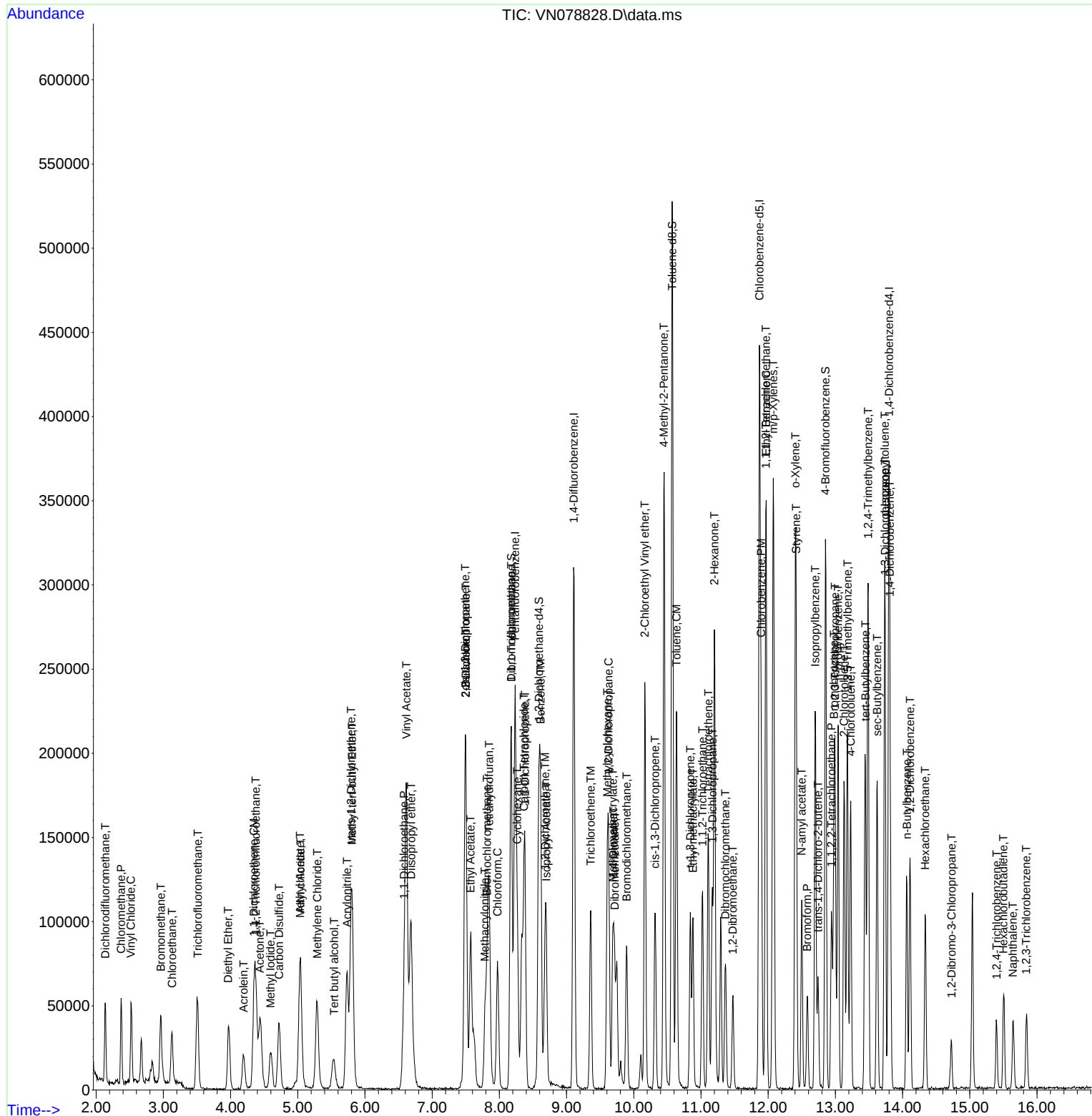
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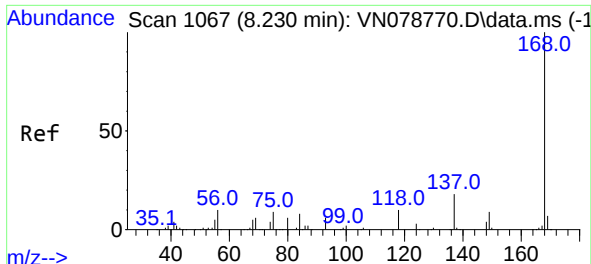
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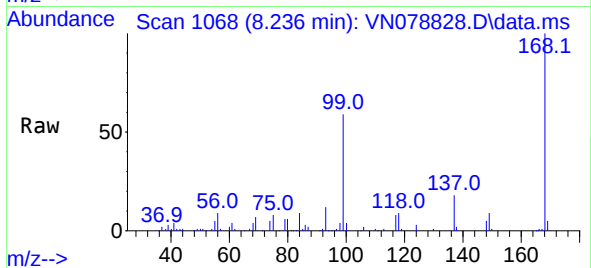
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.006 min
Lab File: VN078828.D
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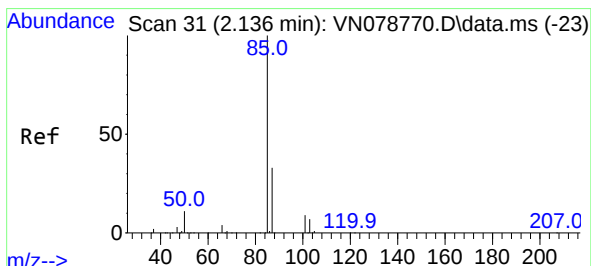
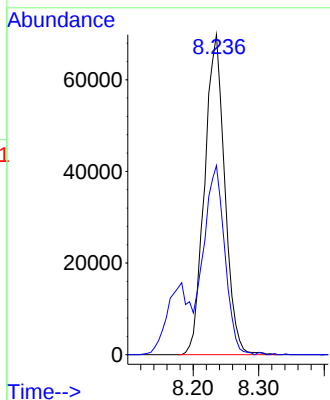
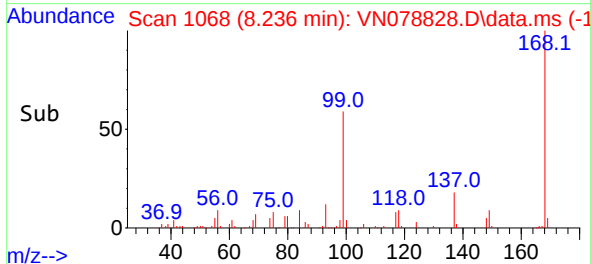
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Tgt Ion:168 Resp: 149328
Ion Ratio Lower Upper
168 100
99 59.1 53.0 79.6

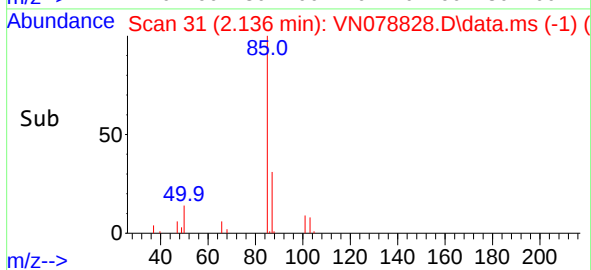
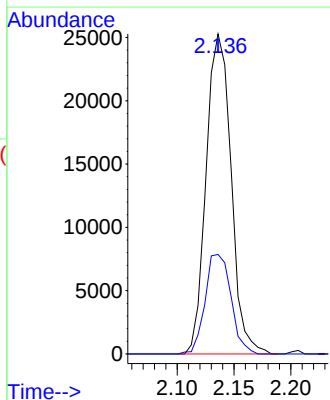
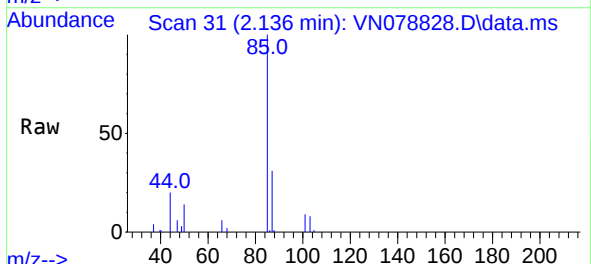
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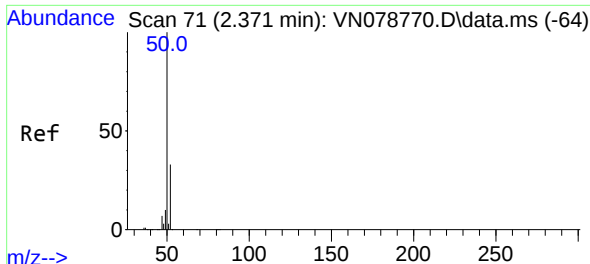
Reviewed By :John Carlone 08/11/2023
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#2
Dichlorodifluoromethane
Concen: 17.541 ug/l
RT: 2.136 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

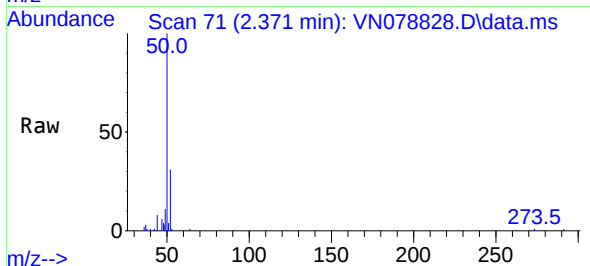
Tgt Ion: 85 Resp: 38656
Ion Ratio Lower Upper
85 100
87 31.1 15.8 47.4





#3
Chloromethane
Concen: 16.969 ug/l
RT: 2.371 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

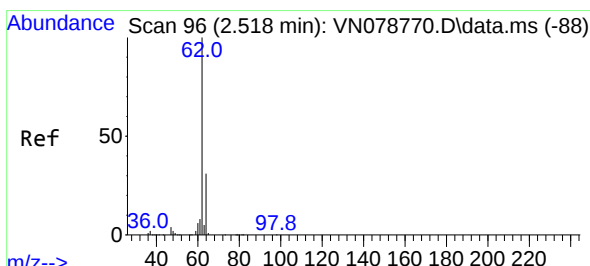
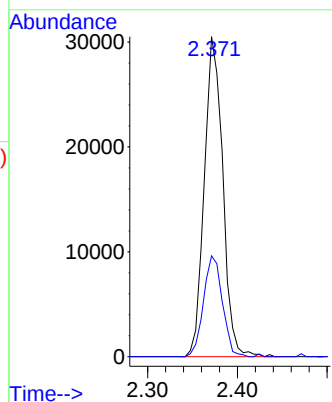
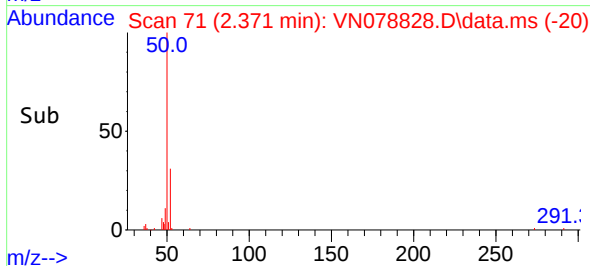
Instrument :
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Tgt Ion: 50 Resp: 4362
Ion Ratio Lower Upper
50 100
52 31.5 26.5 39.7

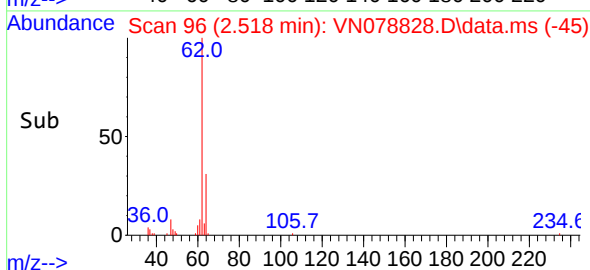
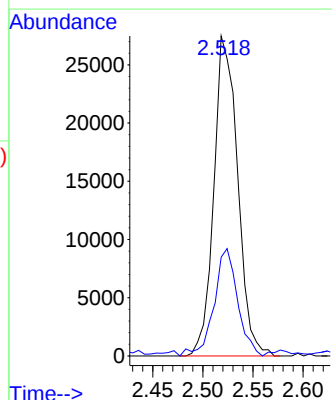
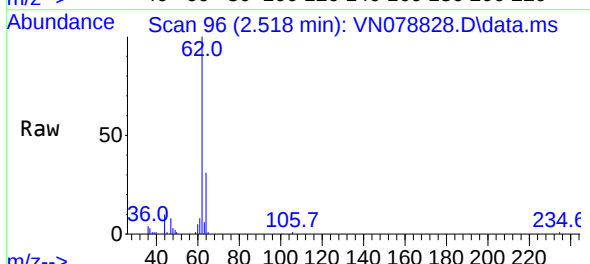
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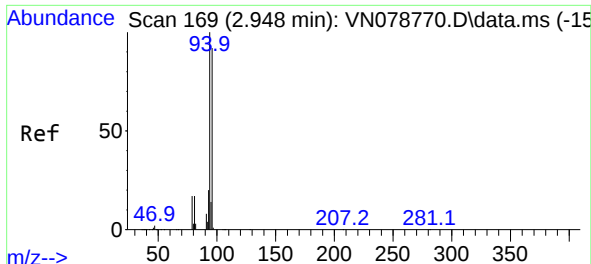
Reviewed By :John Carlone 08/11/2023
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#4
Vinyl Chloride
Concen: 18.655 ug/l
RT: 2.518 min Scan# 96
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

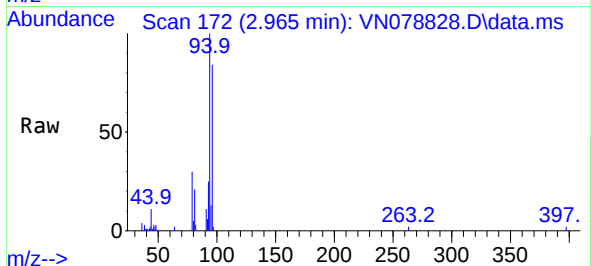
Tgt Ion: 62 Resp: 45280
Ion Ratio Lower Upper
62 100
64 30.9 26.2 39.2





#5
Bromomethane
Concen: 17.038 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

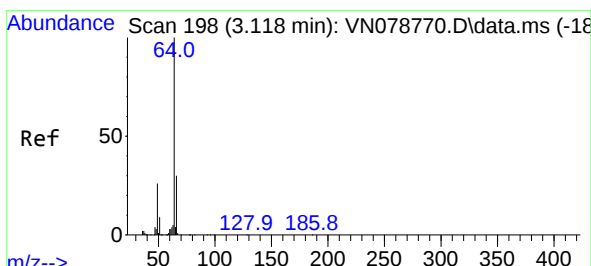
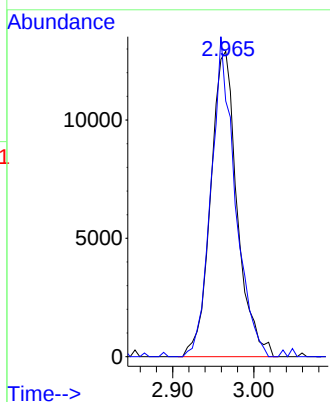
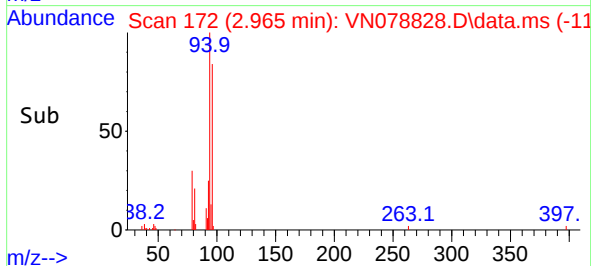
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Tgt Ion: 94 Resp: 29289
Ion Ratio Lower Upper
94 100
96 83.8 73.1 109.7

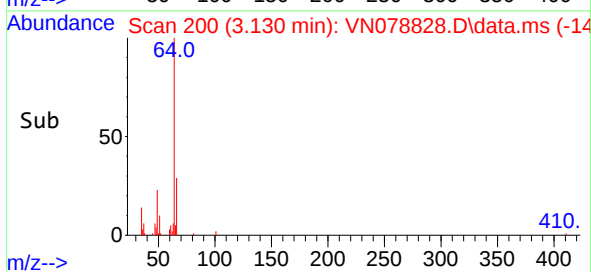
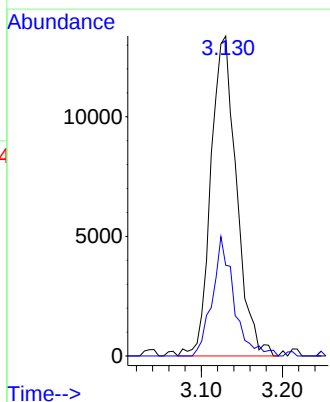
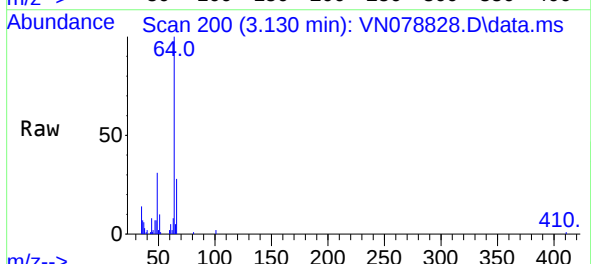
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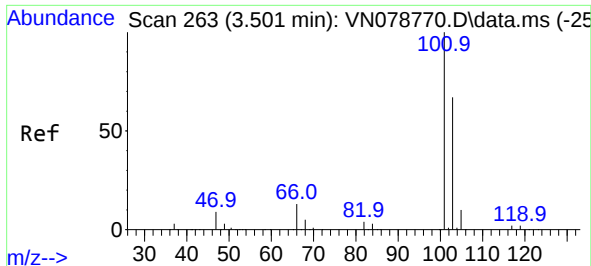
Reviewed By :John Carlone 08/11/2023
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#6
Chloroethane
Concen: 18.379 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

Tgt Ion: 64 Resp: 29331
Ion Ratio Lower Upper
64 100
66 28.4 25.4 38.2





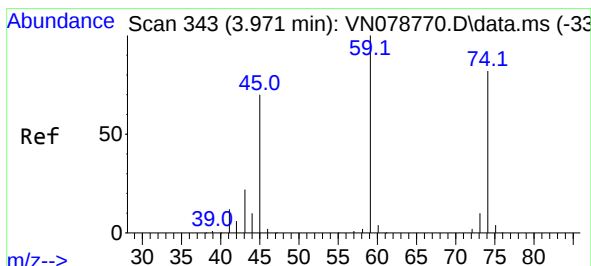
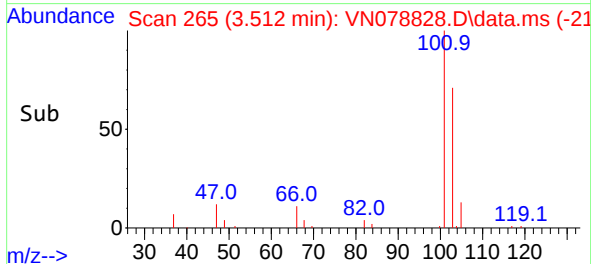
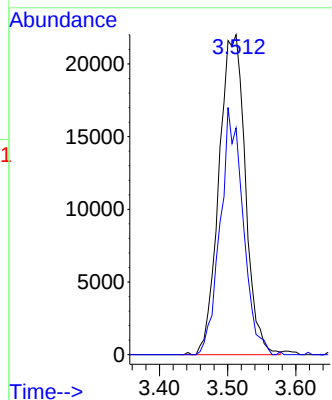
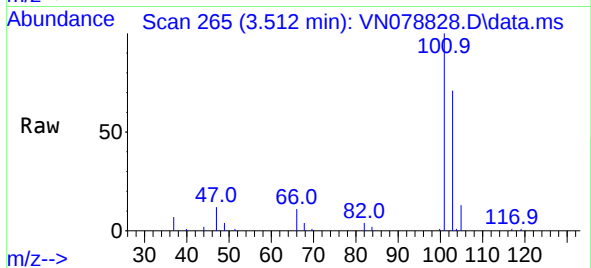
#7
Trichlorofluoromethane
Concen: 17.725 ug/l
RT: 3.512 min Scan# 20
Delta R.T. 0.012 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 59094
Ion Ratio Lower Upper
101 100
103 70.9 50.7 76.1

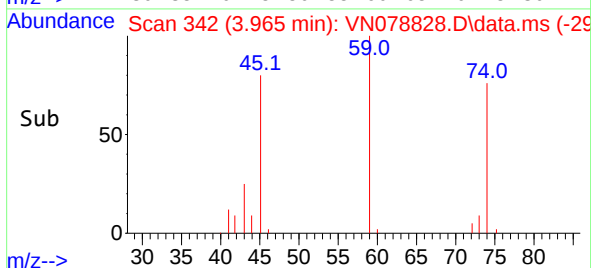
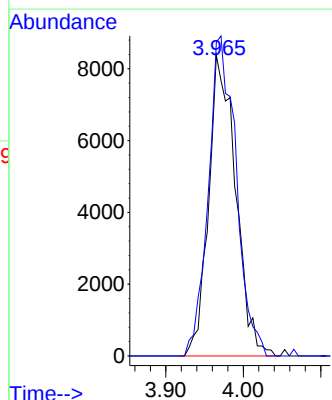
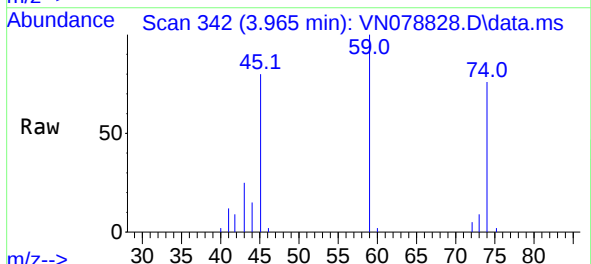
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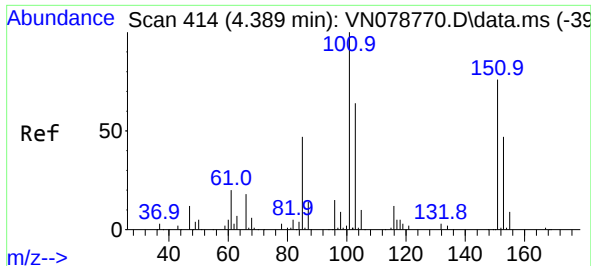
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#8
Diethyl Ether
Concen: 16.699 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

Tgt Ion: 74 Resp: 20315
Ion Ratio Lower Upper
74 100
45 109.4 34.4 103.3#





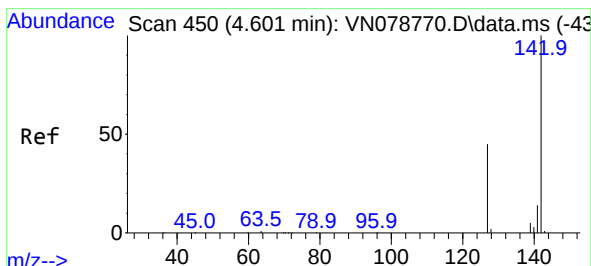
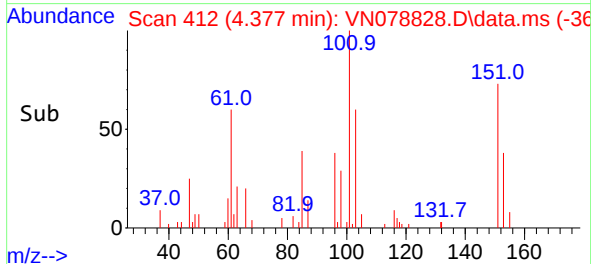
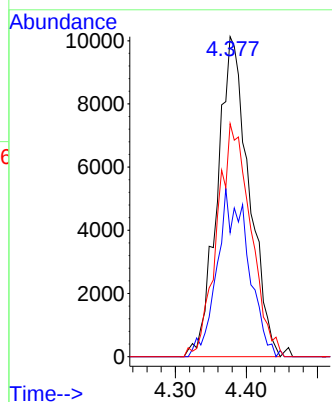
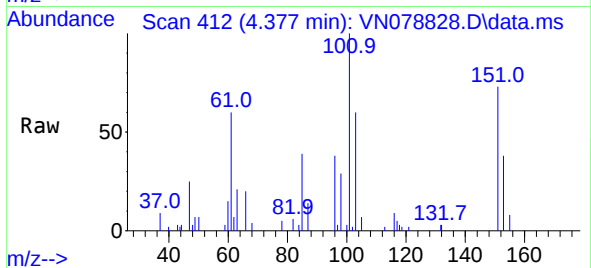
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.099 ug/l
RT: 4.377 min Scan# 414
Delta R.T. -0.012 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01

Tgt Ion:101 Resp: 31430
Ion Ratio Lower Upper
101 100
85 23.8 36.6 55.0
151 77.2 57.6 86.4

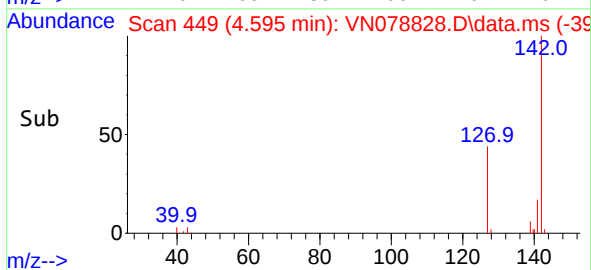
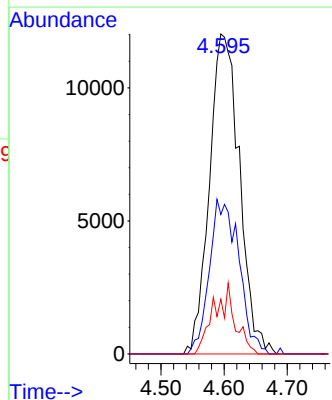
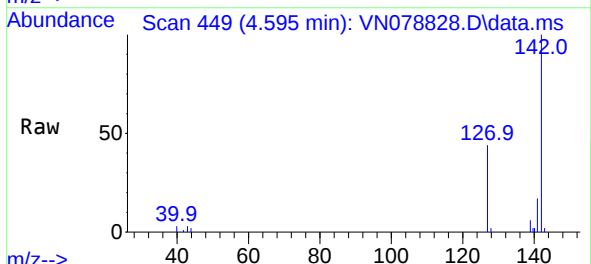
Manual Integrations
APPROVED

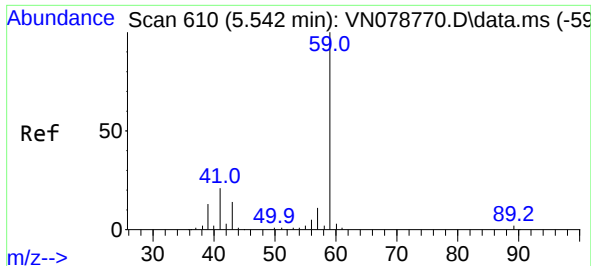
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#10
Methyl Iodide
Concen: 17.813 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

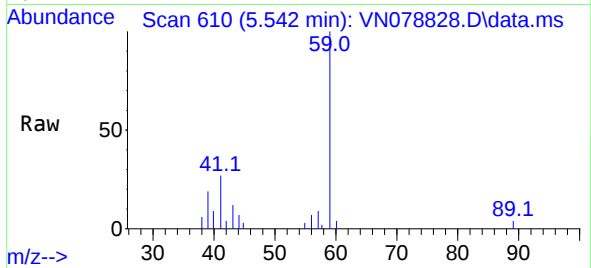
Tgt Ion:142 Resp: 39722
Ion Ratio Lower Upper
142 100
127 43.6 37.6 56.4
141 17.1 11.4 17.0#





#11
Tert butyl alcohol
Concen: 77.235 ug/l
RT: 5.542 min Scan# 610
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

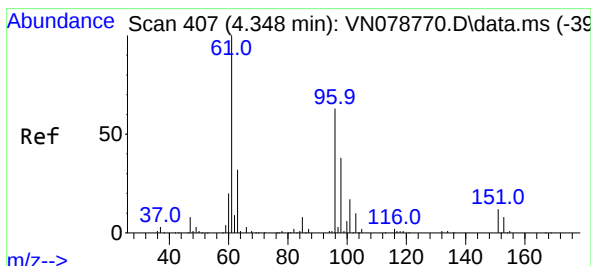
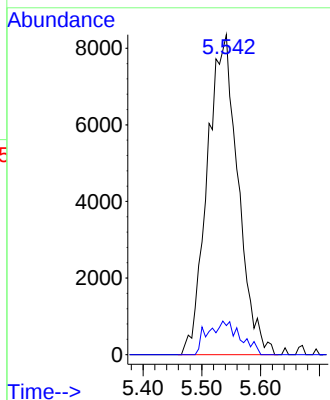
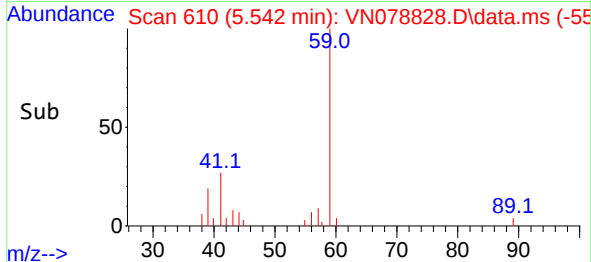
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



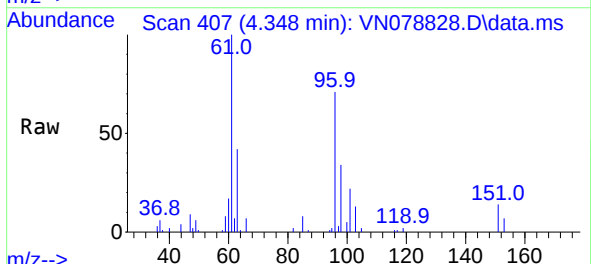
Tgt Ion: 59 Resp: 30345
Ion Ratio Lower Upper
59 100
57 11.0 8.2 12.4

Manual Integrations
APPROVED

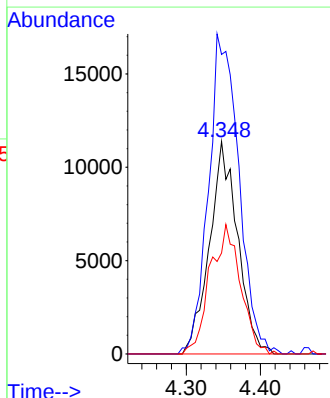
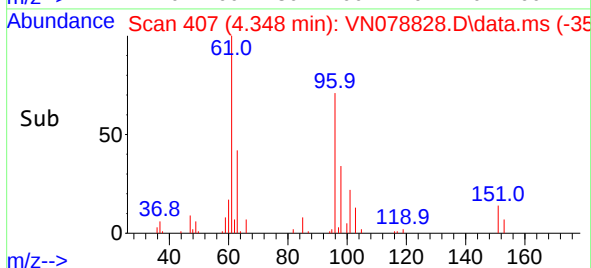
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

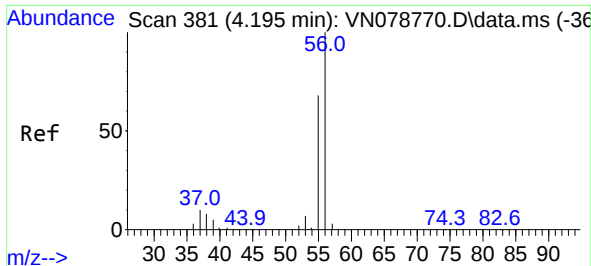


#12
1,1-Dichloroethene
Concen: 17.229 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31



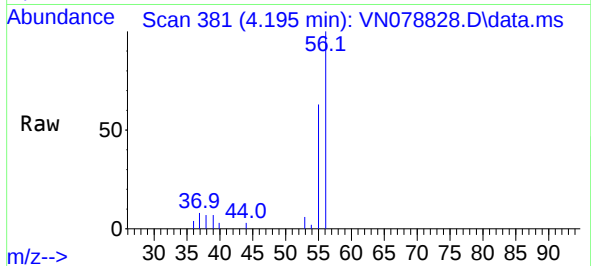
Tgt Ion: 96 Resp: 30068
Ion Ratio Lower Upper
96 100
61 141.0 112.7 169.1
98 47.5 51.2 76.8#





#13
Acrolein
Concen: 82.872 ug/l
RT: 4.195 min Scan# 381
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

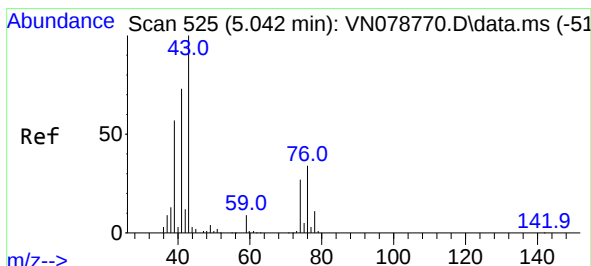
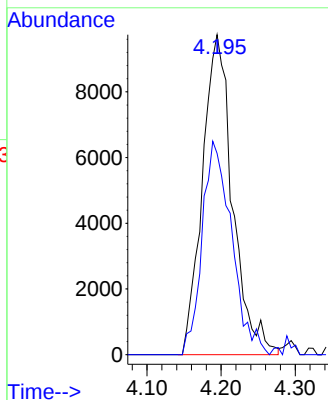
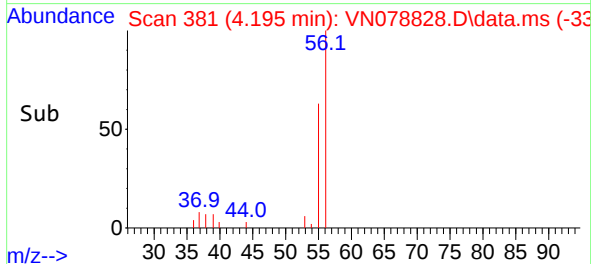
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



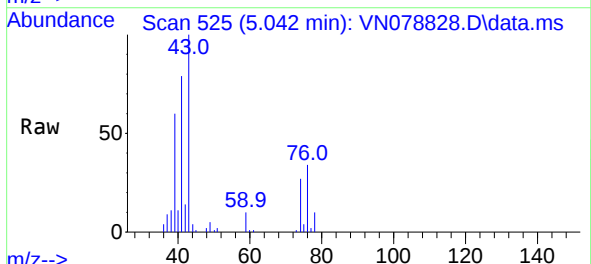
Tgt Ion: 56 Resp: 27549
Ion Ratio Lower Upper
56 100
55 65.3 54.5 81.7

Manual Integrations
APPROVED

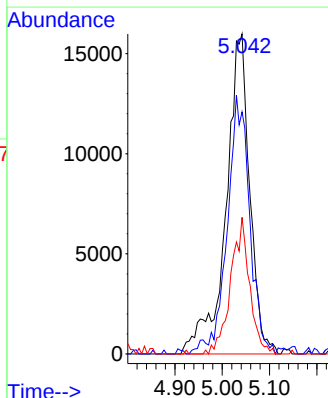
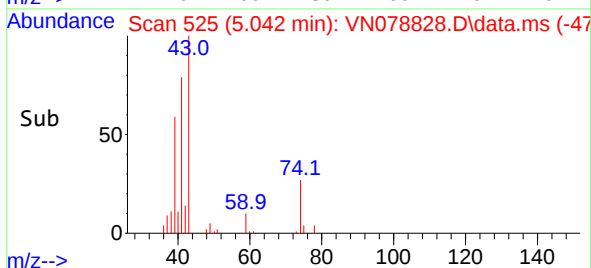
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

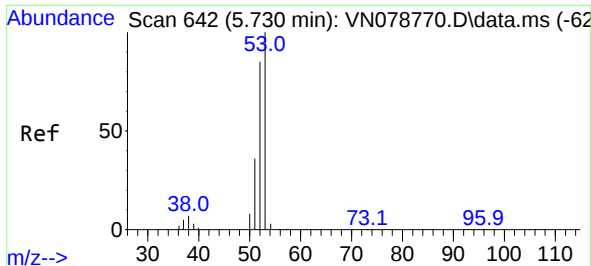


#14
Allyl chloride
Concen: 19.281 ug/l
RT: 5.042 min Scan# 525
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31



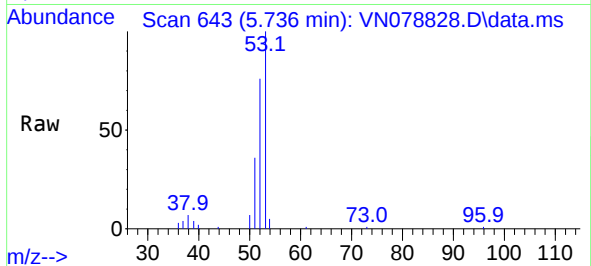
Tgt Ion: 41 Resp: 56028
Ion Ratio Lower Upper
41 100
39 73.9 58.8 88.2
76 33.7 39.1 58.7#





#15
Acrylonitrile
Concen: 89.950 ug/l
RT: 5.736 min Scan# 642
Delta R.T. 0.006 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

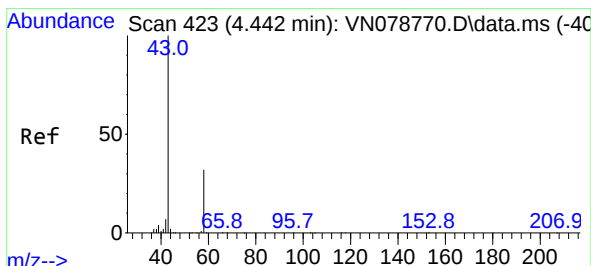
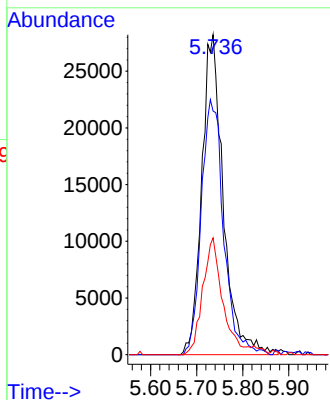
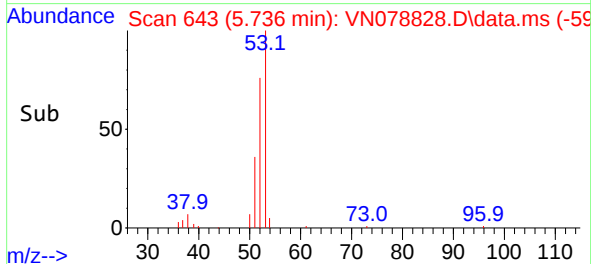
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



Tgt Ion: 53 Resp: 92034
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 33.3 28.9 43.3

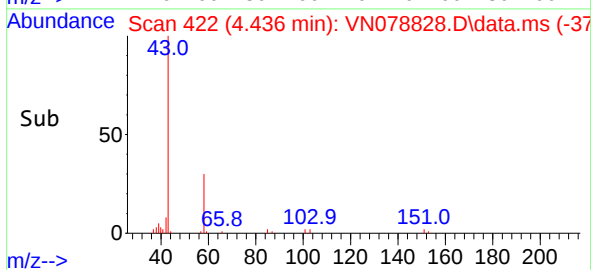
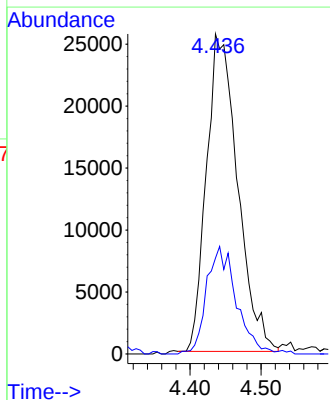
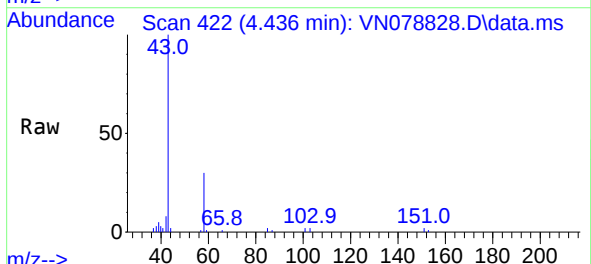
Manual Integrations
APPROVED

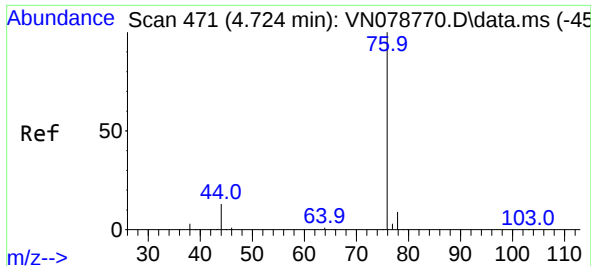
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#16
Acetone
Concen: 90.834 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

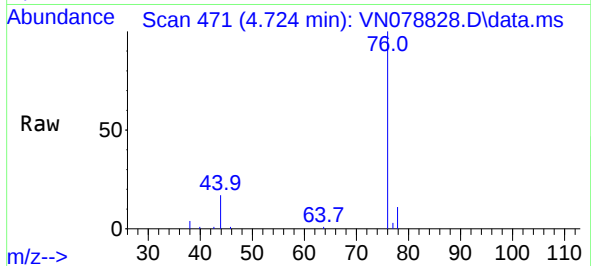
Tgt Ion: 43 Resp: 78239
Ion Ratio Lower Upper
43 100
58 30.2 28.0 42.0





#17
Carbon Disulfide
Concen: 17.268 ug/l
RT: 4.724 min Scan# 471
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

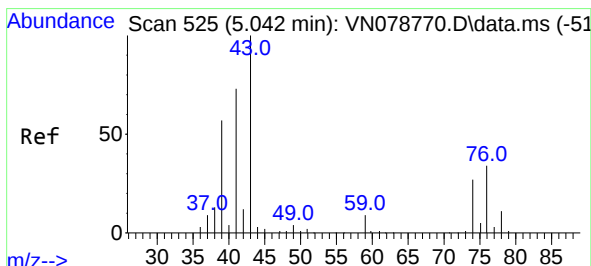
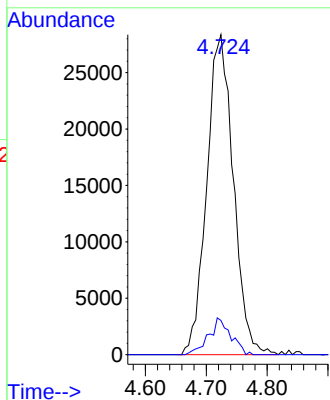
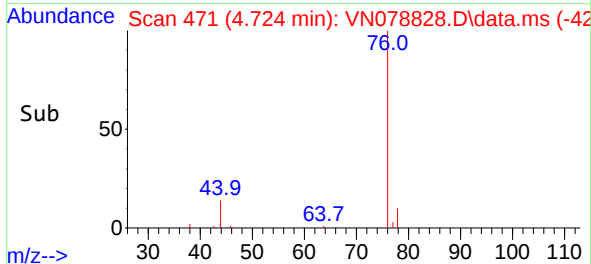
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



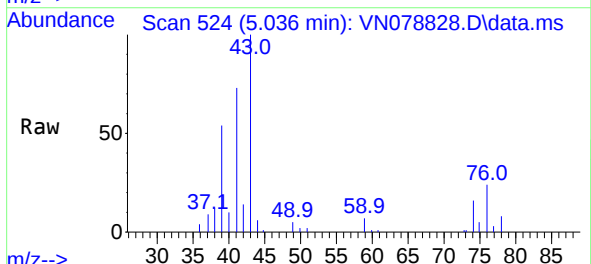
Tgt Ion: 76 Resp: 85960
Ion Ratio Lower Upper
76 100
78 10.7 7.4 11.0

Manual Integrations
APPROVED

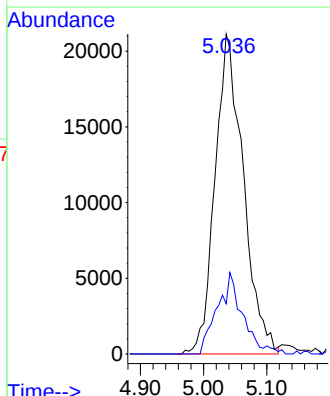
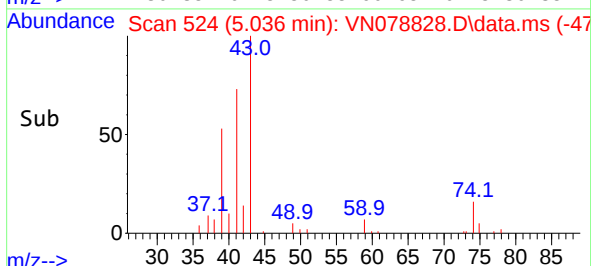
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

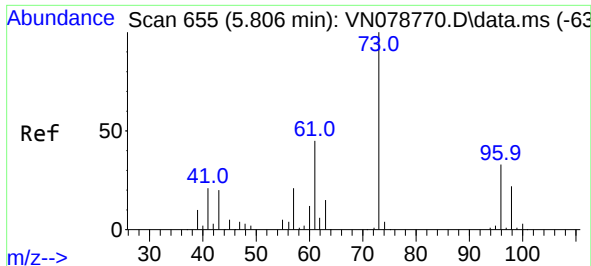


#18
Methyl Acetate
Concen: 16.994 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31



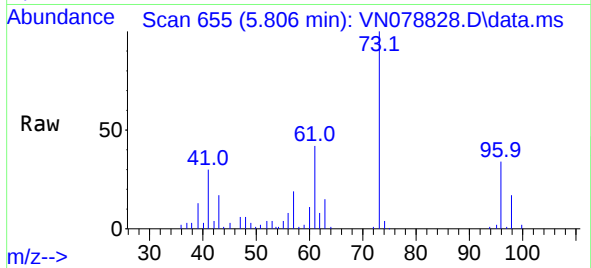
Tgt Ion: 43 Resp: 65742
Ion Ratio Lower Upper
43 100
74 21.9 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 18.009 ug/l
RT: 5.806 min Scan# 655
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

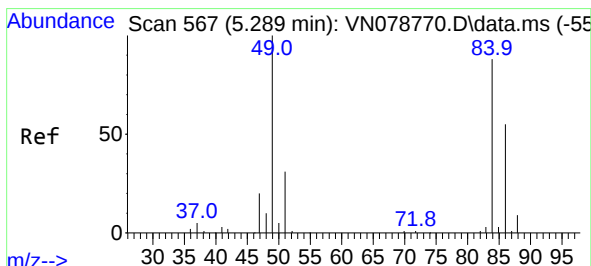
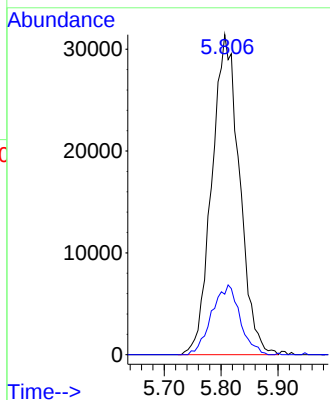
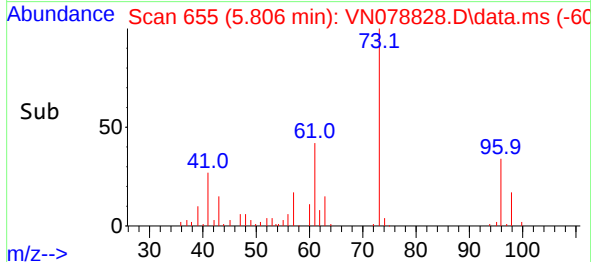
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



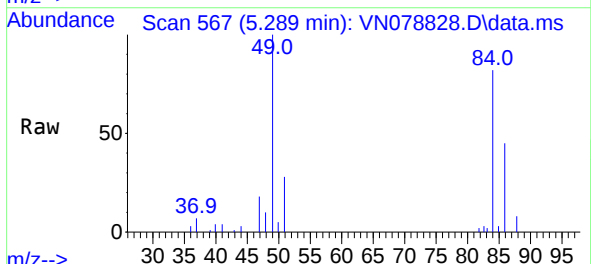
Tgt Ion: 73 Resp: 106168
Ion Ratio Lower Upper
73 100
57 18.9 15.6 23.4

Manual Integrations
APPROVED

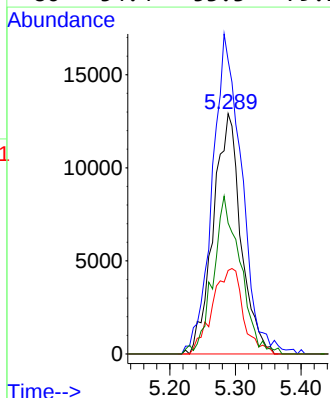
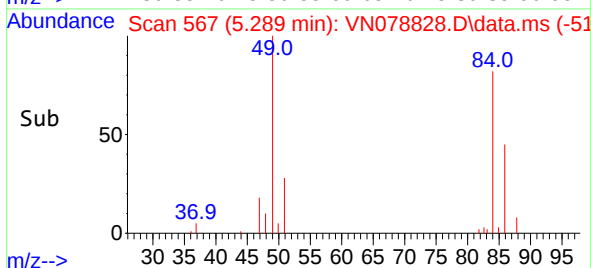
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

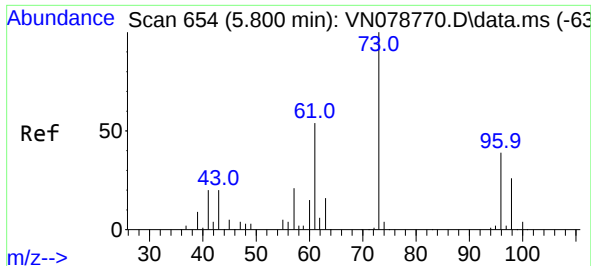


#20
Methylene Chloride
Concen: 17.687 ug/l
RT: 5.289 min Scan# 567
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31



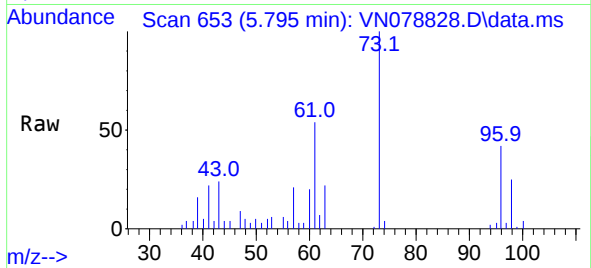
Tgt Ion: 84 Resp: 37730
Ion Ratio Lower Upper
84 100
49 122.1 79.7 119.5#
51 34.7 25.2 37.8
86 54.4 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 17.277 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

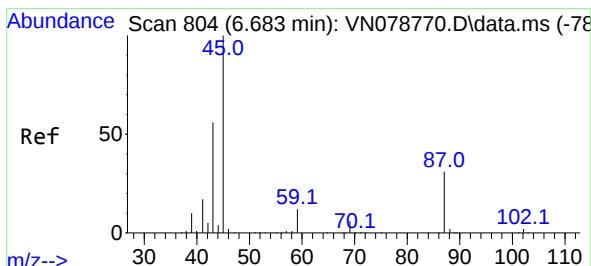
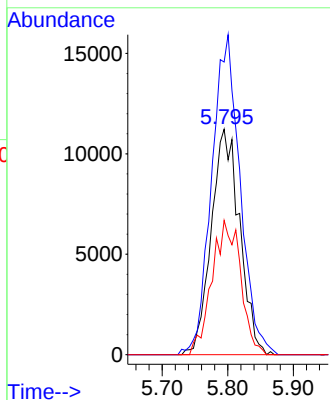
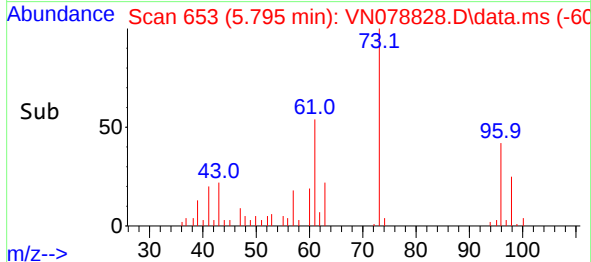
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



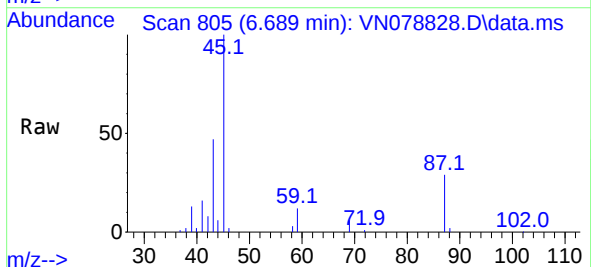
Tgt Ion: 96 Resp: 3374
Ion Ratio Lower Upper
96 100
61 129.8 90.1 135.1
98 59.6 46.4 69.6

Manual Integrations
APPROVED

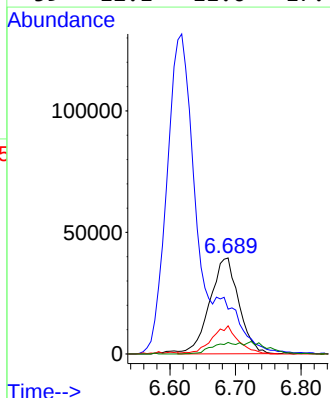
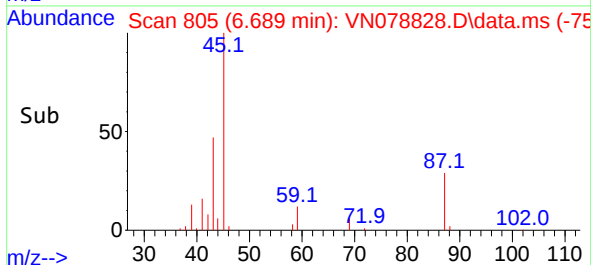
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

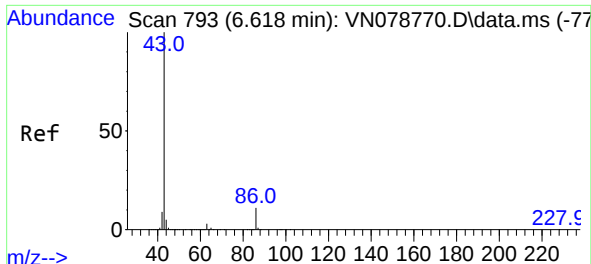


#22
Diisopropyl ether
Concen: 17.284 ug/l
RT: 6.689 min Scan# 805
Delta R.T. 0.006 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31



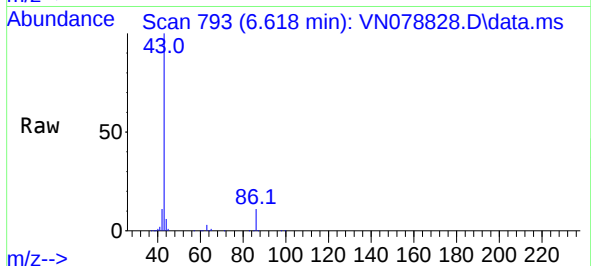
Tgt Ion: 45 Resp: 120660
Ion Ratio Lower Upper
45 100
43 44.4 45.5 68.3#
87 29.5 31.8 47.8#
59 12.1 11.6 17.4





#23
 Vinyl Acetate
 Concen: 87.499 ug/l
 RT: 6.618 min Scan# 793
 Delta R.T. -0.000 min
 Lab File: VN078828.D
 Acq: 10 Aug 2023 11:31

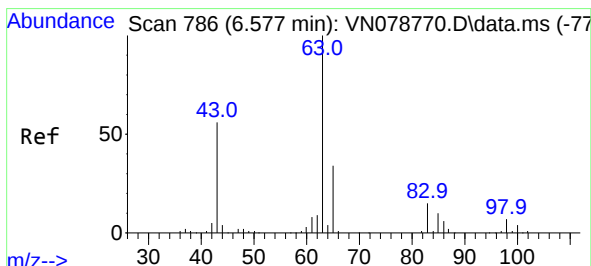
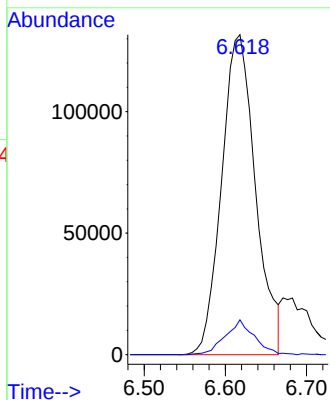
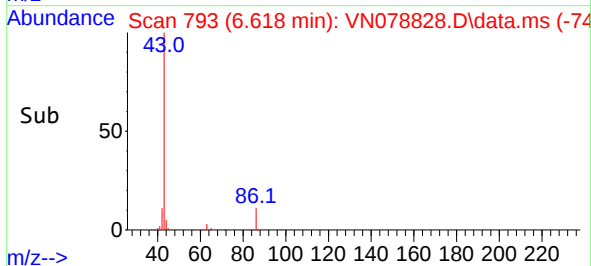
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBSD01



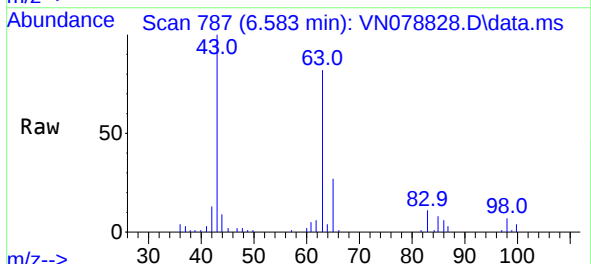
Tgt Ion: 43 Resp: 383320
 Ion Ratio Lower Upper
 43 100
 86 10.9 13.0 19.6

Manual Integrations
 APPROVED

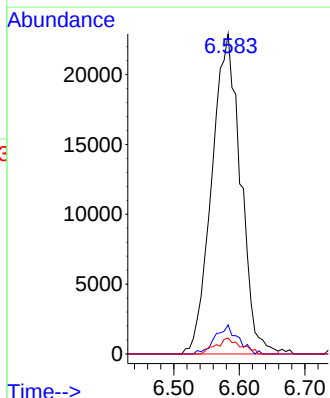
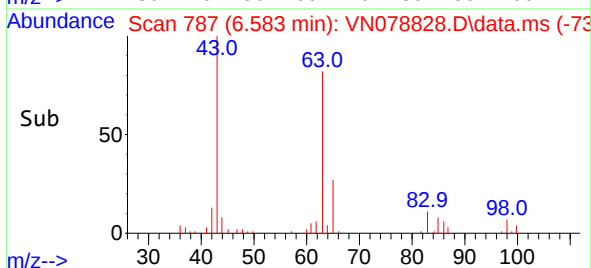
Reviewed By :John Carlone 08/11/2023
 Supervised By :Mahesh Dadoda 08/11/2023

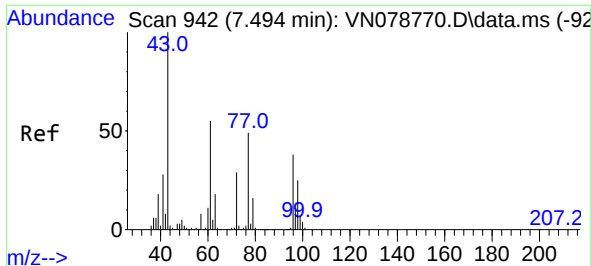


#24
 1,1-Dichloroethane
 Concen: 18.419 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078828.D
 Acq: 10 Aug 2023 11:31



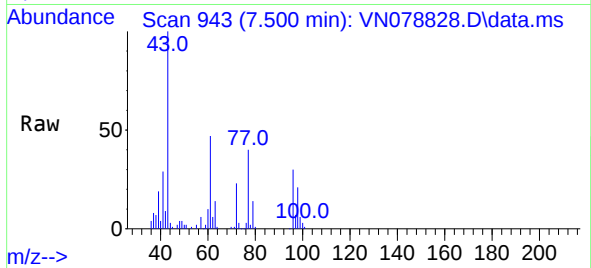
Tgt Ion: 63 Resp: 69922
 Ion Ratio Lower Upper
 63 100
 98 9.0 3.9 11.7
 100 5.0 2.5 7.4





#25
2-Butanone
Concen: 82.339 ug/l
RT: 7.500 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

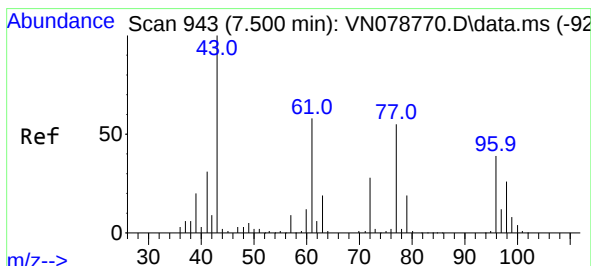
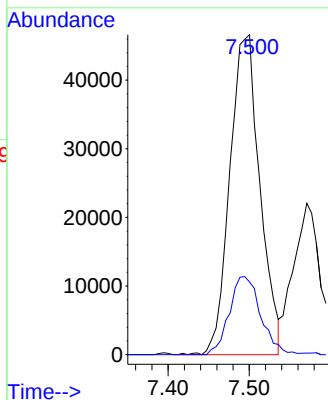
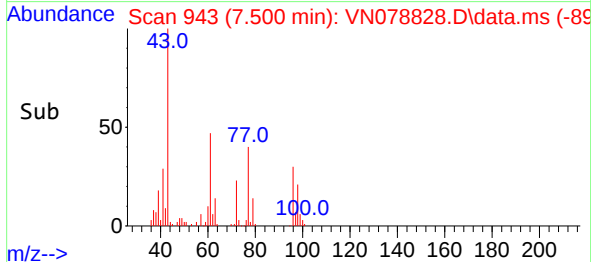
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



Tgt Ion: 43 Resp: 120097
Ion Ratio Lower Upper
43 100
72 22.7 30.2 45.2

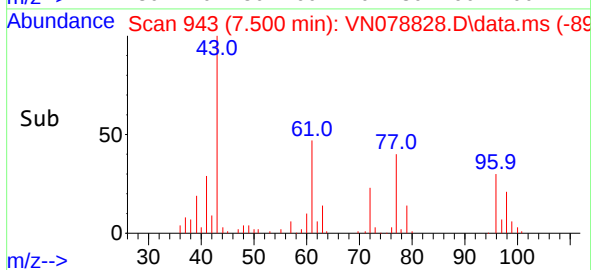
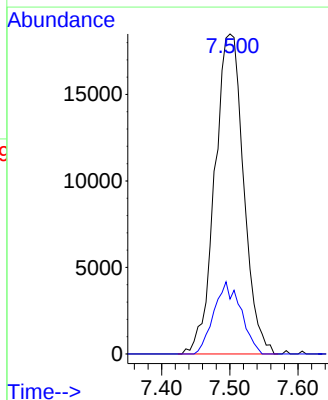
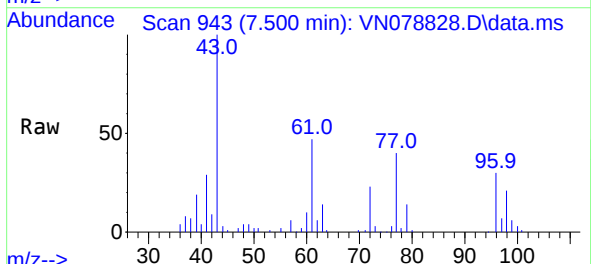
Manual Integrations
APPROVED

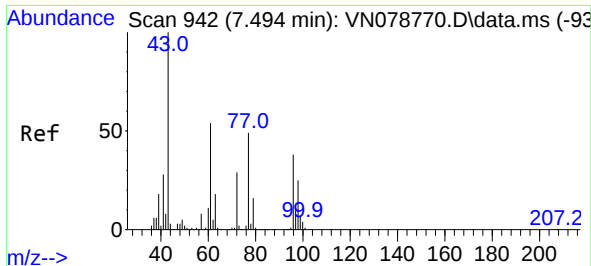
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#26
2,2-Dichloropropane
Concen: 20.508 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

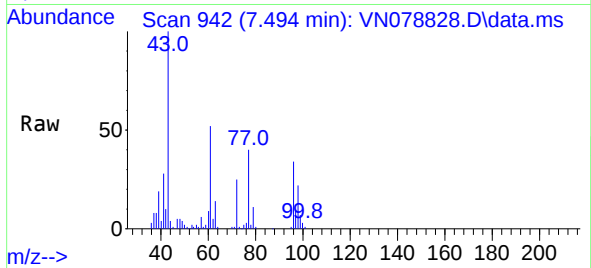
Tgt Ion: 77 Resp: 54366
Ion Ratio Lower Upper
77 100
97 21.1 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 17.376 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

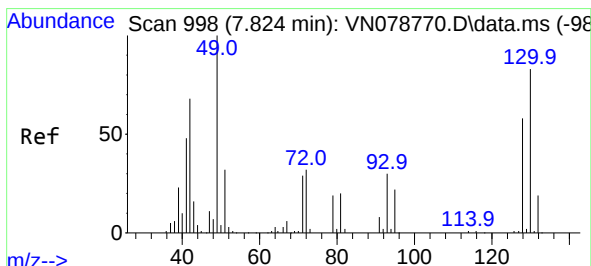
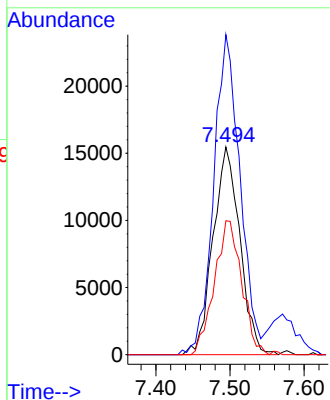
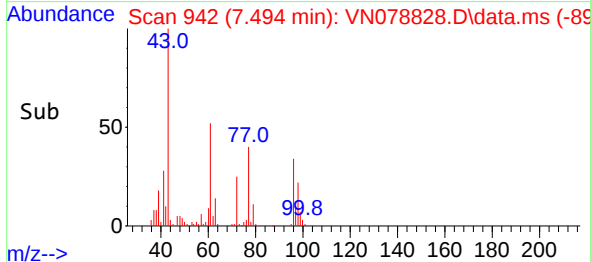
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



Tgt Ion: 96 Resp: 3896
Ion Ratio Lower Upper
96 100
61 151.2 0.0 255.2
98 65.5 0.0 128.8

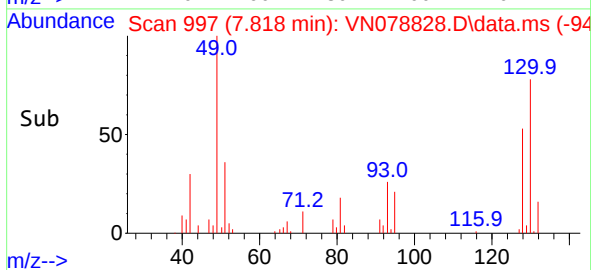
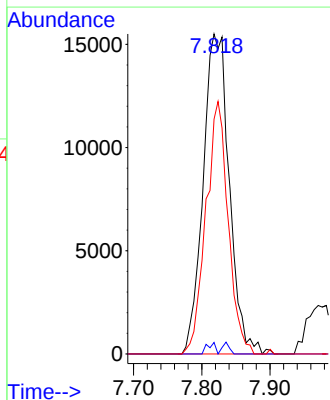
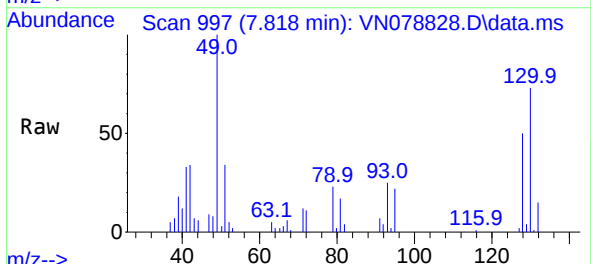
Manual Integrations
APPROVED

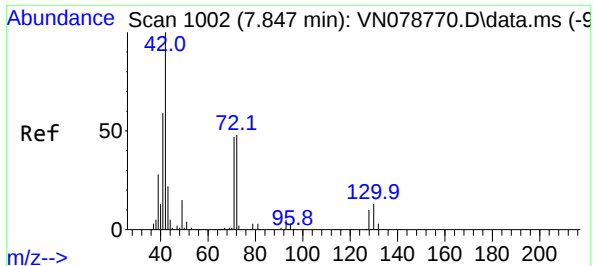
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#28
Bromochloromethane
Concen: 20.147 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

Tgt Ion: 49 Resp: 41443
Ion Ratio Lower Upper
49 100
129 1.1 0.0 4.8
130 67.1 75.3 112.9#





#29

Tetrahydrofuran

Concen: 85.240 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078828.D

Acq: 10 Aug 2023 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0810WBSD01

Tgt Ion: 42 Resp: 83199

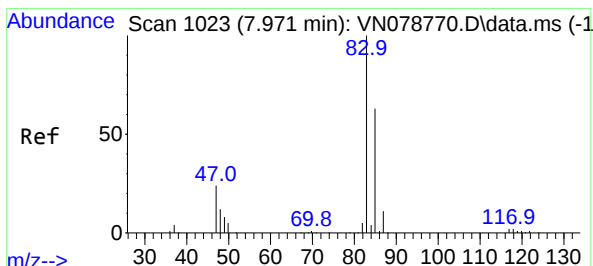
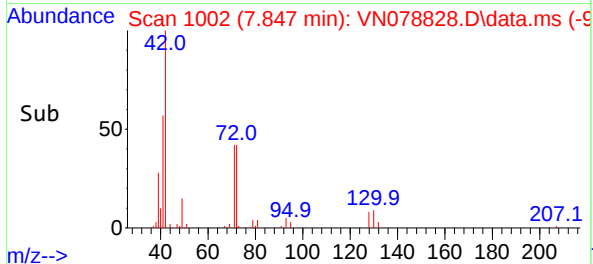
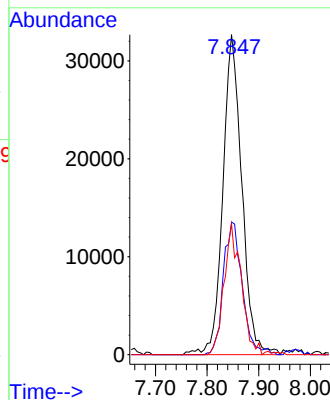
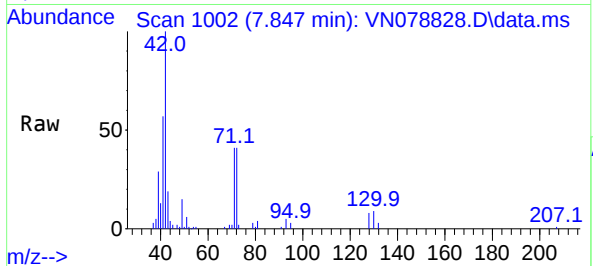
Ion	Ratio	Lower	Upper
42	100		
72	41.5	49.8	74.6
71	37.3	47.4	71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2023

Supervised By :Mahesh Dadoda 08/11/2023



#30

Chloroform

Concen: 18.066 ug/l

RT: 7.971 min Scan# 1023

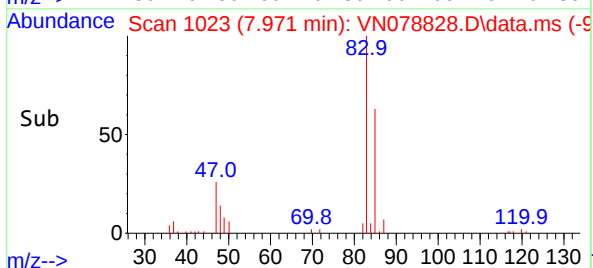
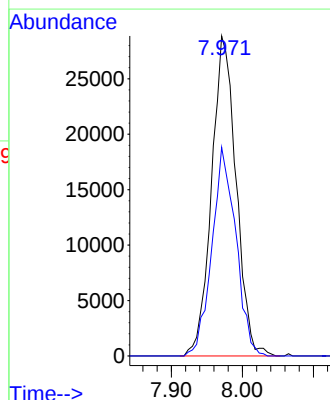
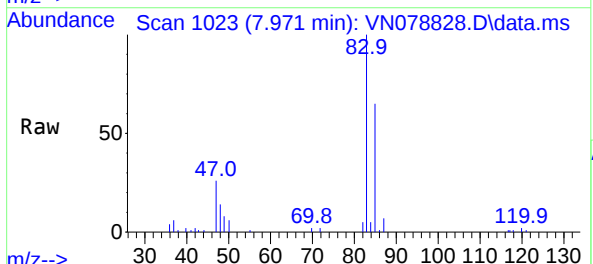
Delta R.T. -0.000 min

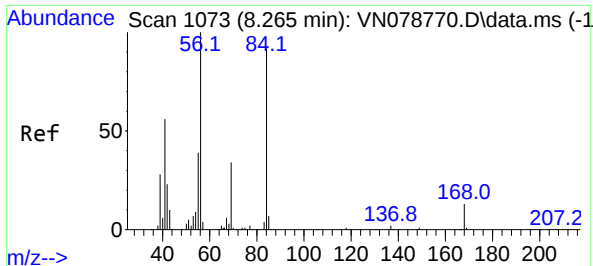
Lab File: VN078828.D

Acq: 10 Aug 2023 11:31

Tgt Ion: 83 Resp: 69072

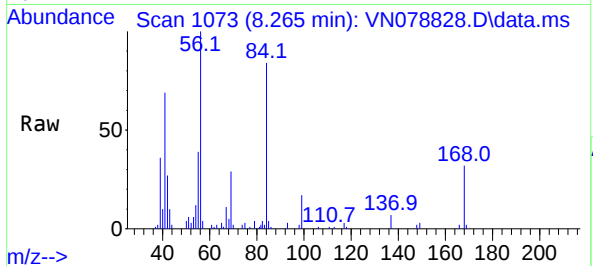
Ion	Ratio	Lower	Upper
83	100		
85	65.2	55.4	83.0





#31
Cyclohexane
Concen: 17.632 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

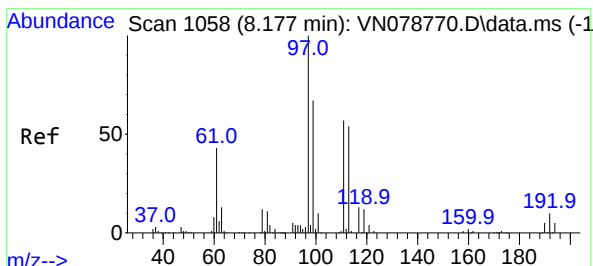
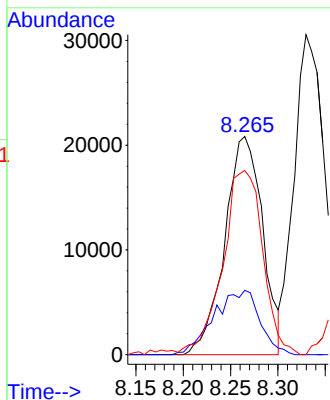
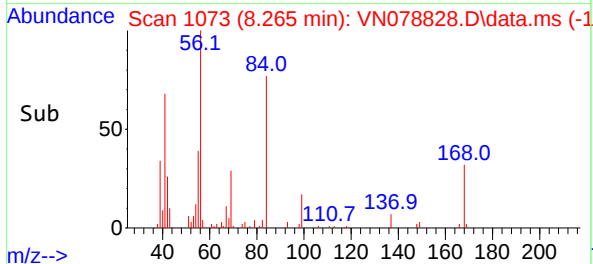
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



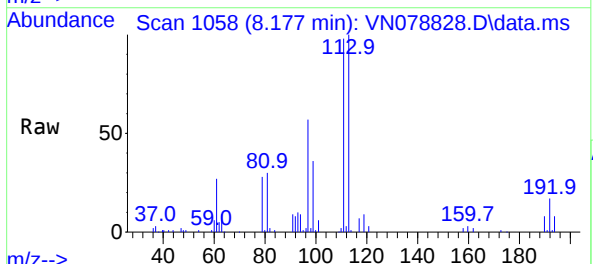
Tgt Ion: 56 Resp: 57998
Ion Ratio Lower Upper
56 100
69 28.5 26.8 40.2
84 83.3 81.8 122.6

Manual Integrations
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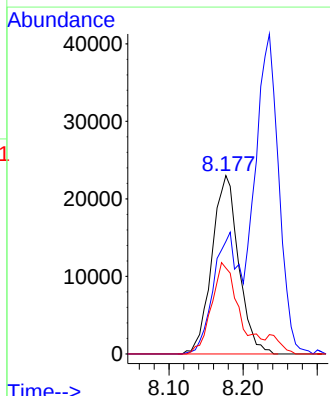
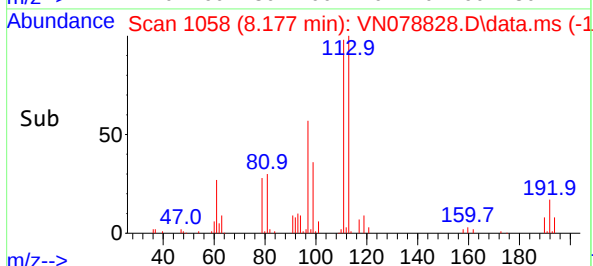
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

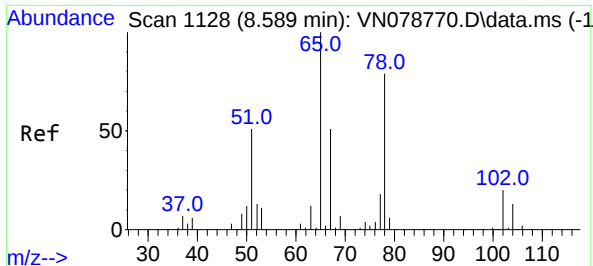


#32
1,1,1-Trichloroethane
Concen: 17.719 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31



Tgt Ion: 97 Resp: 57581
Ion Ratio Lower Upper
97 100
99 65.4 50.3 75.5
61 53.2 34.7 52.1





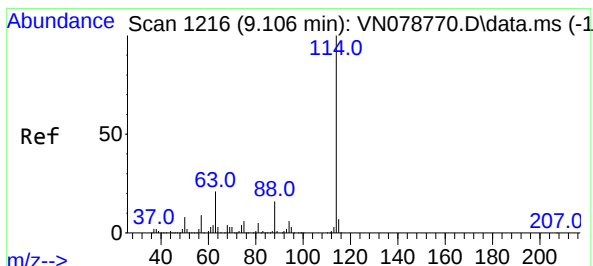
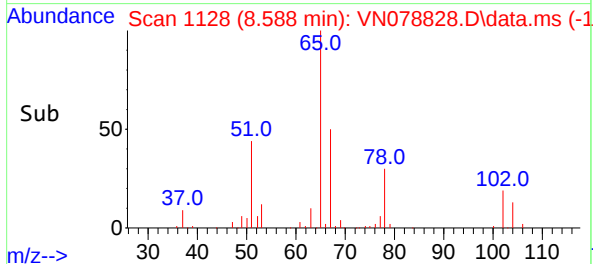
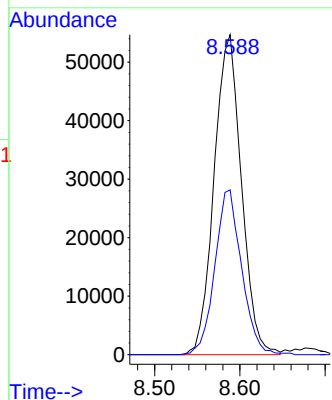
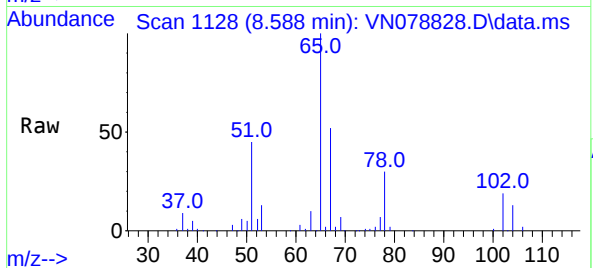
#33
1,2-Dichloroethane-d4
Concen: 54.357 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01

Tgt Ion: 65 Resp: 121680
Ion Ratio Lower Upper
65 100
67 50.6 0.0 106.6

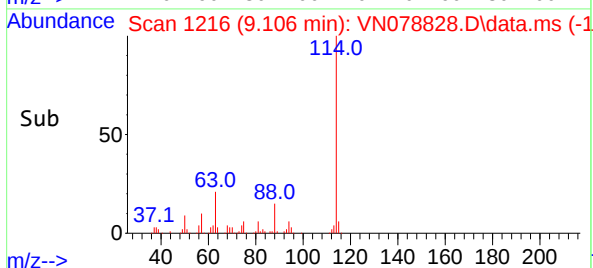
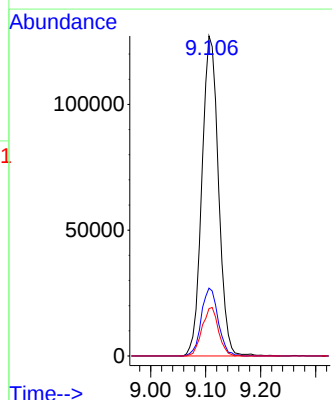
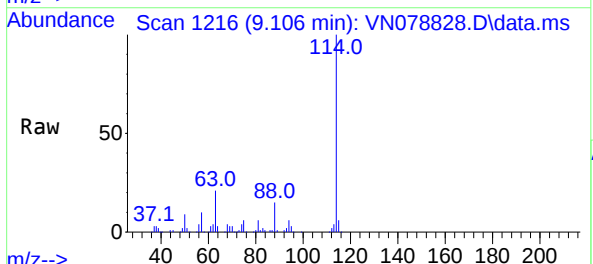
Manual Integrations
APPROVED

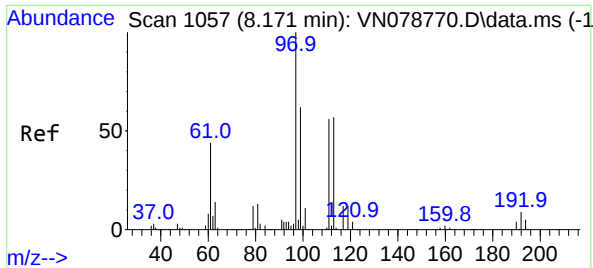
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

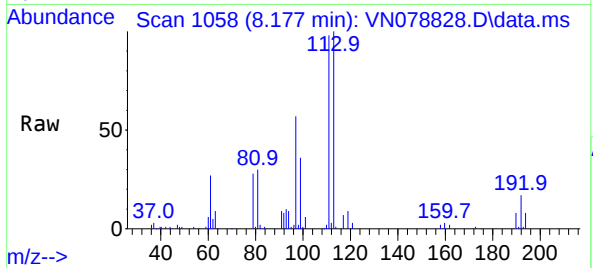
Tgt Ion:114 Resp: 265893
Ion Ratio Lower Upper
114 100
63 21.2 0.0 36.4
88 14.8 0.0 30.6





#35
Dibromofluoromethane
Concen: 53.697 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

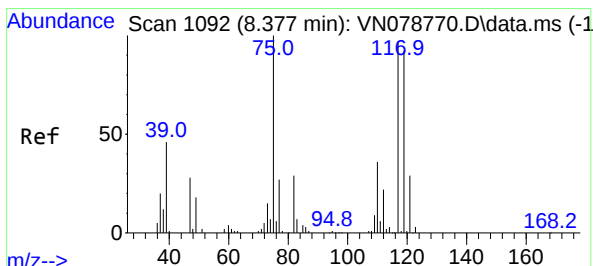
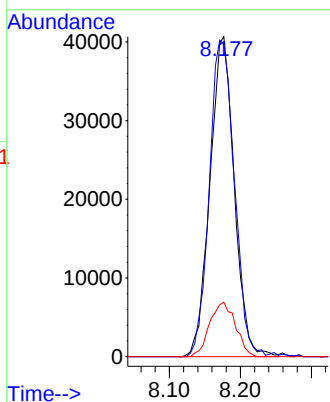
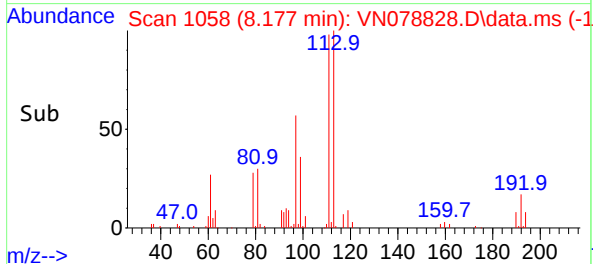
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



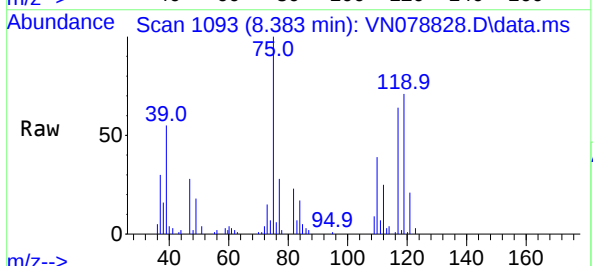
Tgt Ion: 113 Resp: 96419
Ion Ratio Lower Upper
113 100
111 101.9 82.6 123.8
192 18.1 12.7 19.1

Manual Integrations
APPROVED

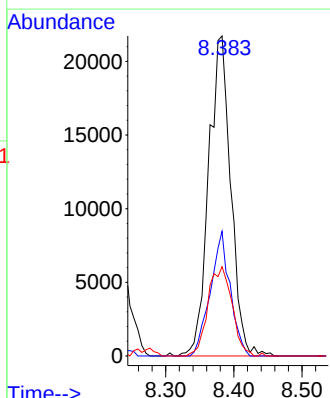
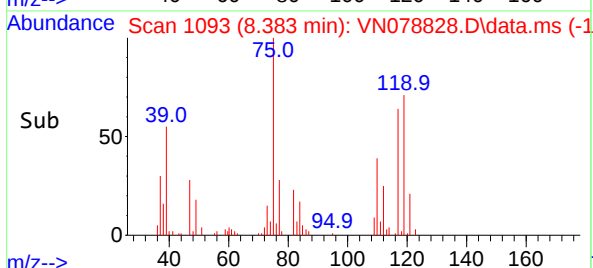
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

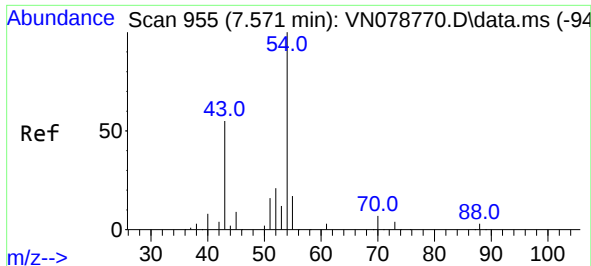


#36
1,1-Dichloropropene
Concen: 17.615 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31



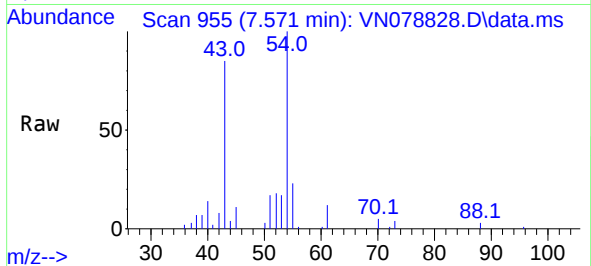
Tgt Ion: 75 Resp: 49071
Ion Ratio Lower Upper
75 100
110 34.9 19.1 57.3
77 30.3 25.0 37.4





#37
Ethyl Acetate
Concen: 16.573 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

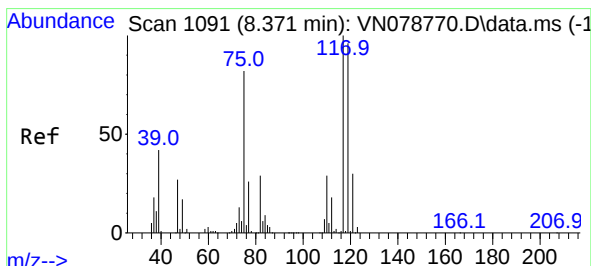
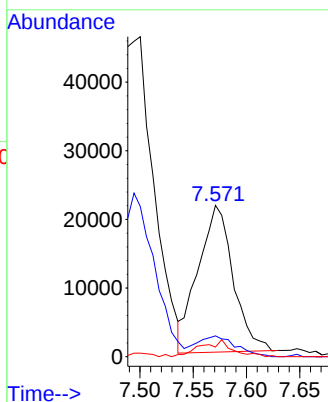
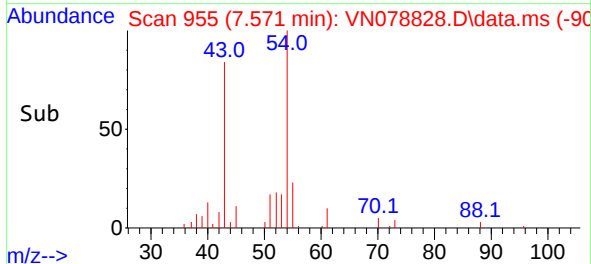
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



Tgt Ion: 43 Resp: 4908
Ion Ratio Lower Upper
43 100
61 15.8 13.2 19.8
70 10.3 11.3 16.9

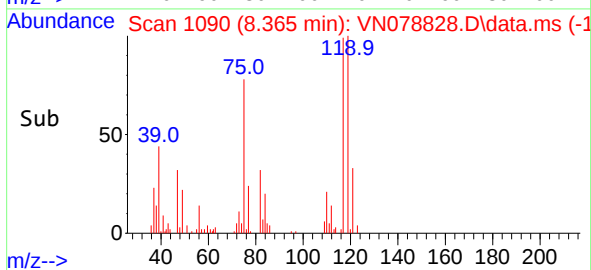
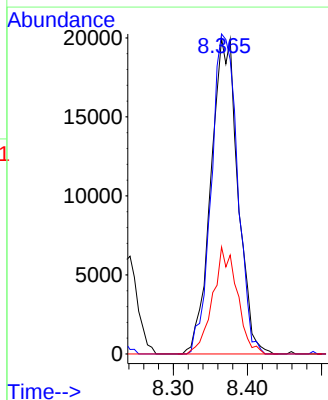
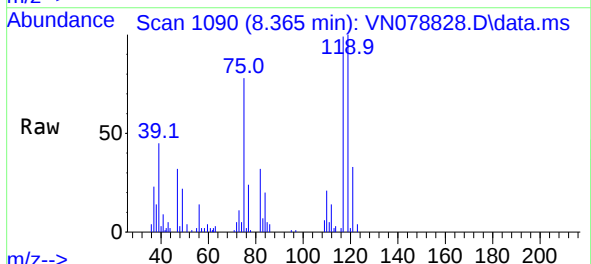
Manual Integrations
APPROVED

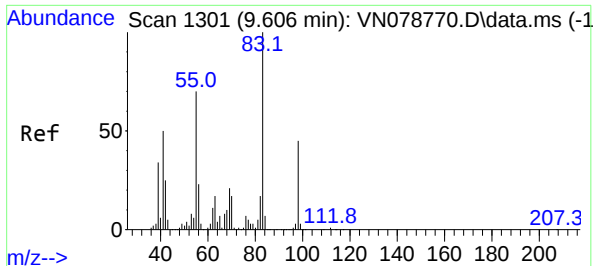
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#38
Carbon Tetrachloride
Concen: 17.582 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

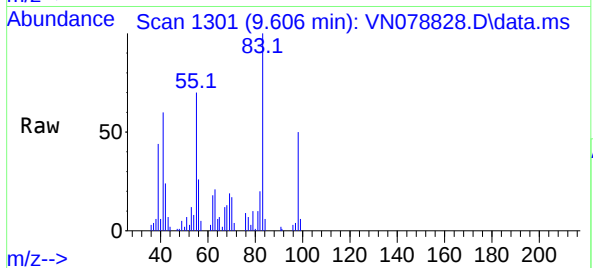
Tgt Ion:117 Resp: 50491
Ion Ratio Lower Upper
117 100
119 101.5 77.3 115.9
121 33.9 23.3 34.9





#39
Methylcyclohexane
Concen: 16.853 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

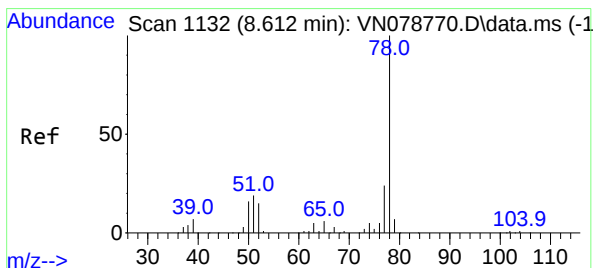
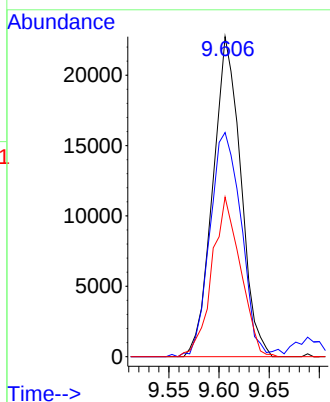
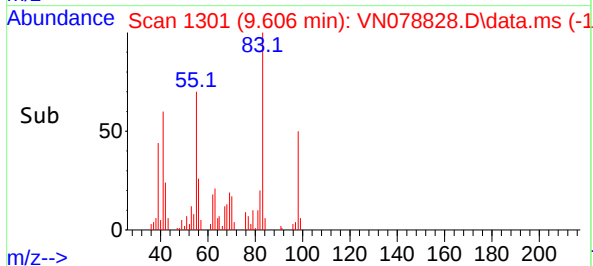
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



Tgt Ion: 83 Resp: 43852
Ion Ratio Lower Upper
83 100
55 70.0 49.1 73.7
98 49.8 40.6 61.0

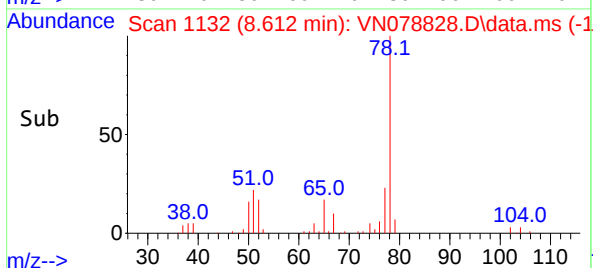
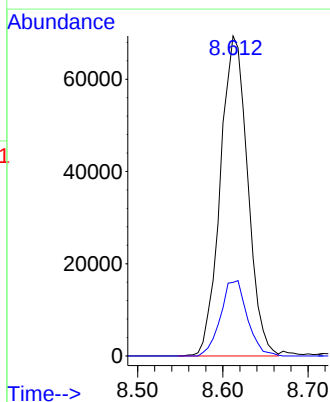
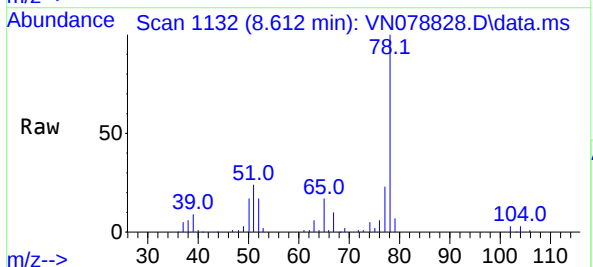
Manual Integrations
APPROVED

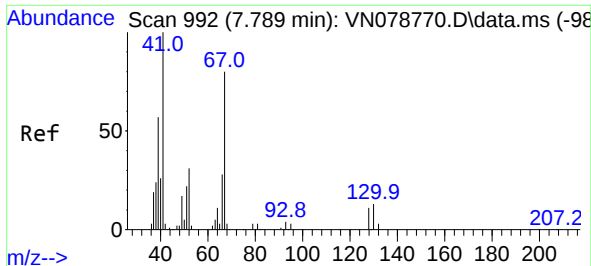
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#40
Benzene
Concen: 18.359 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

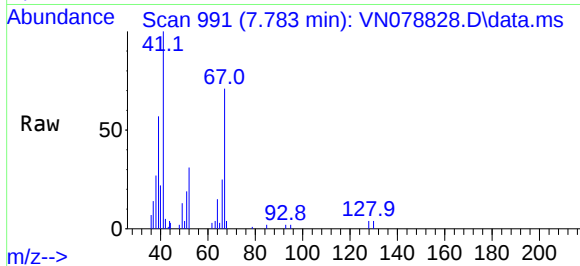
Tgt Ion: 78 Resp: 154686
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6





#41
Methacrylonitrile
Concen: 17.409 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

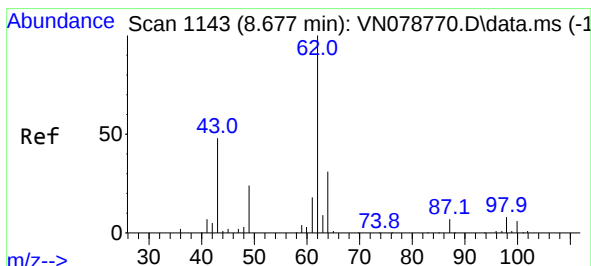
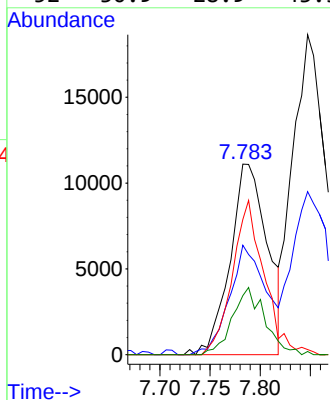
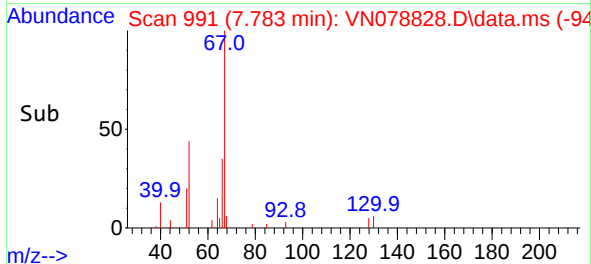
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



Tgt Ion: 41 Resp: 28670
Ion Ratio Lower Upper
41 100
39 56.6 42.6 64.0
67 69.3 77.5 116.3
52 30.9 28.9 43.3

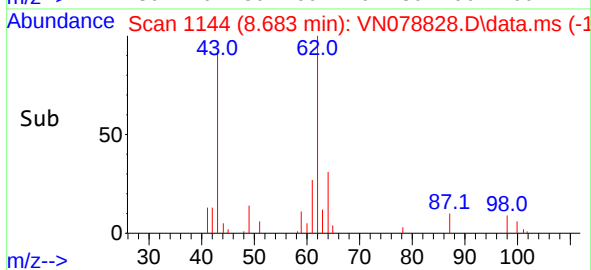
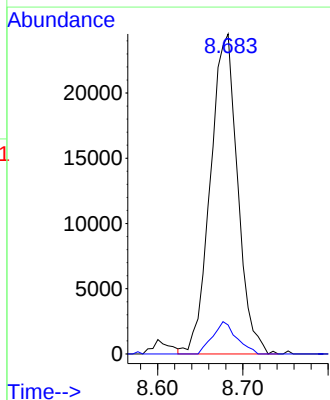
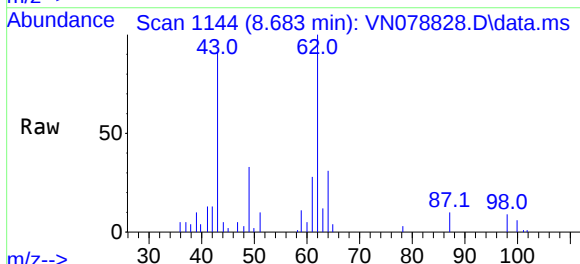
Manual Integrations
APPROVED

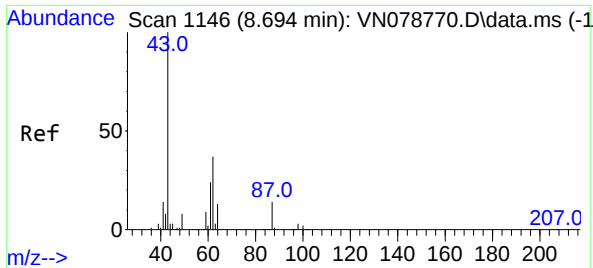
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#42
1,2-Dichloroethane
Concen: 17.985 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. 0.006 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

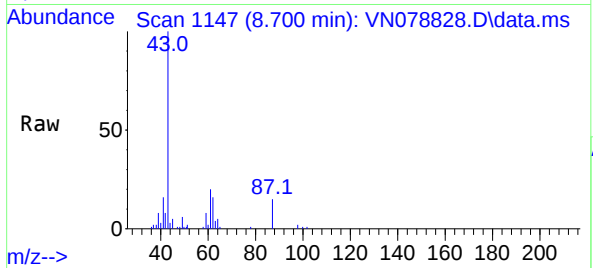
Tgt Ion: 62 Resp: 54469
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.8





#43
Isopropyl Acetate
Concen: 17.748 ug/l
RT: 8.700 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

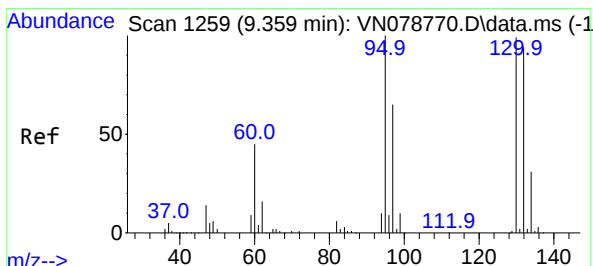
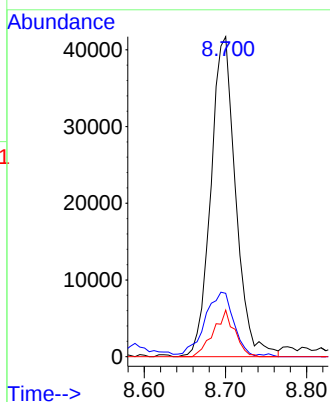
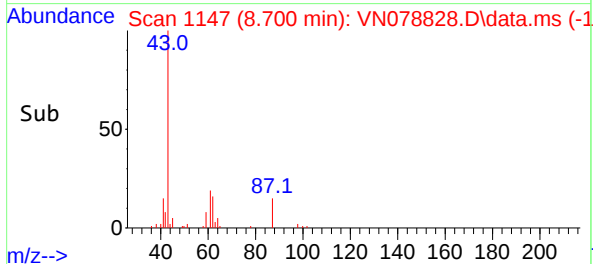
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



Tgt Ion: 43 Resp: 88629
Ion Ratio Lower Upper
43 100
61 22.7 24.7 37.1
87 12.5 14.6 21.8

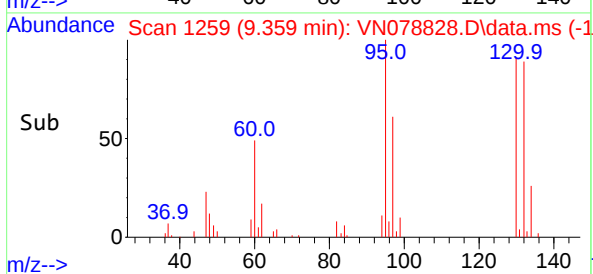
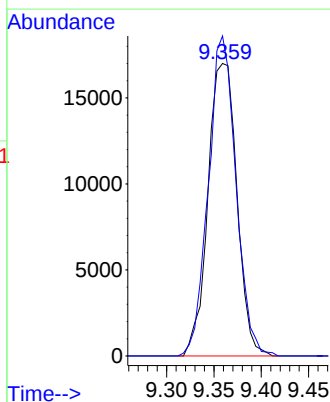
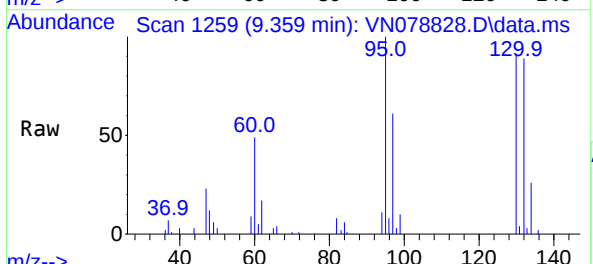
Manual Integrations
APPROVED

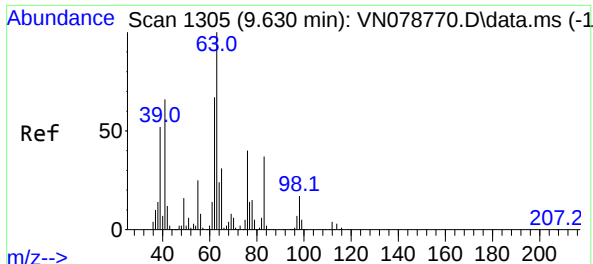
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#44
Trichloroethene
Concen: 17.564 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

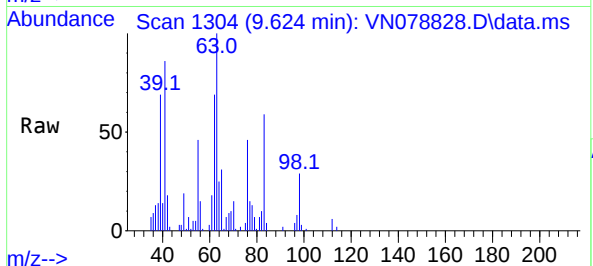
Tgt Ion:130 Resp: 36245
Ion Ratio Lower Upper
130 100
95 109.4 0.0 204.6





#45
1,2-Dichloropropane
Concen: 17.348 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. -0.006 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

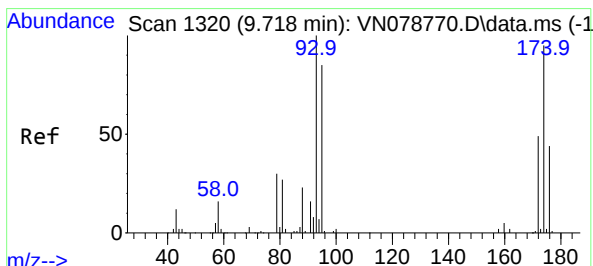
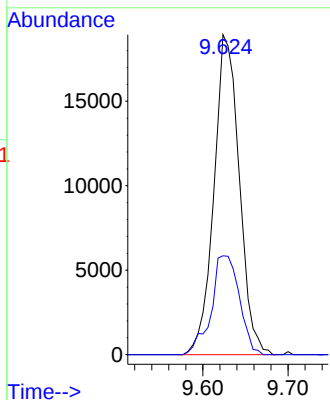
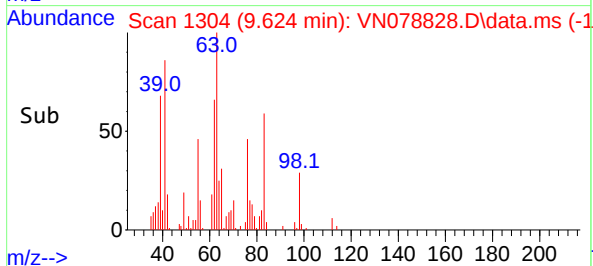
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



Tgt Ion: 63 Resp: 3918
Ion Ratio Lower Upper
63 100
65 30.9 23.9 35.9

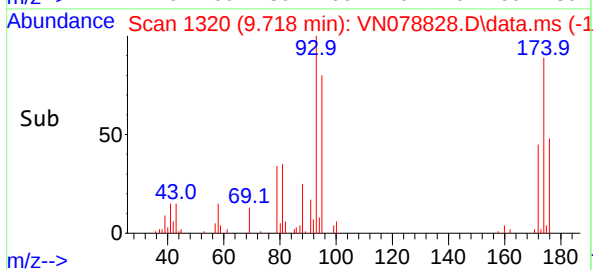
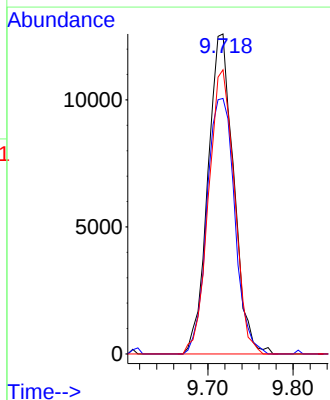
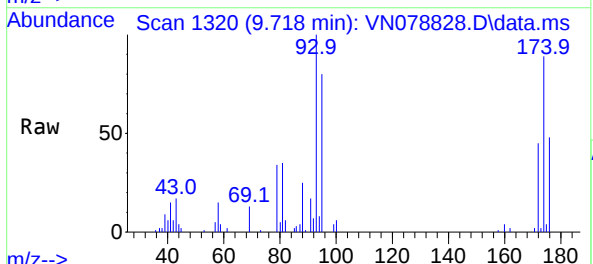
Manual Integrations
APPROVED

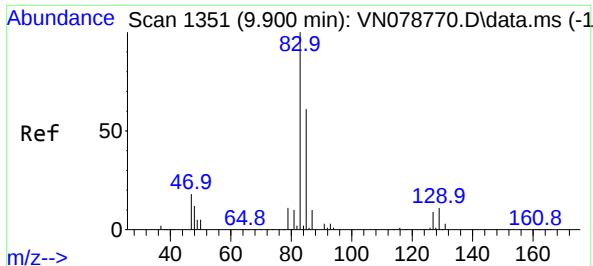
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#46
Dibromomethane
Concen: 17.647 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

Tgt Ion: 93 Resp: 26529
Ion Ratio Lower Upper
93 100
95 85.8 63.8 95.8
174 88.8 65.6 98.4





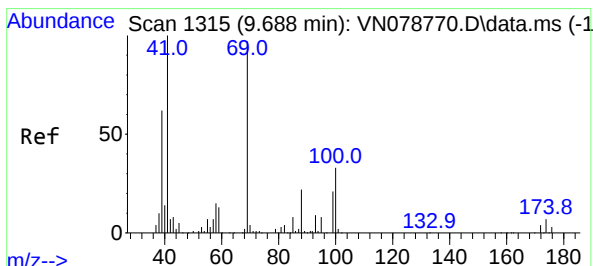
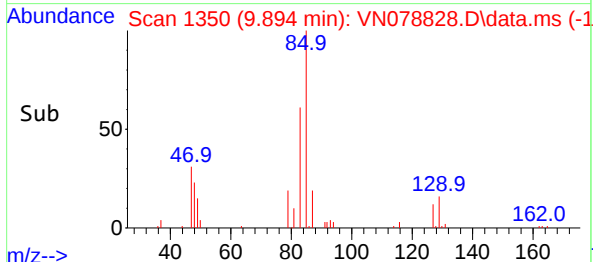
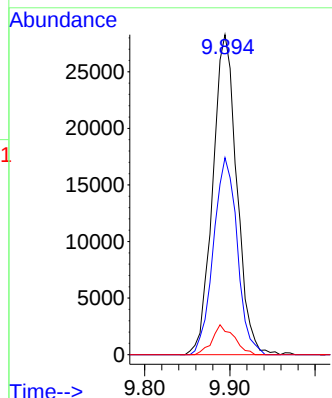
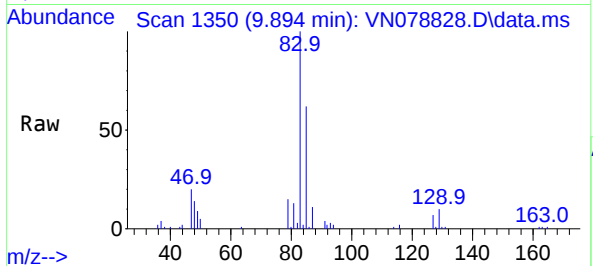
#47
Bromodichloromethane
Concen: 18.538 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. -0.006 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01

Tgt Ion: 83 Resp: 55468
Ion Ratio Lower Upper
83 100
85 61.6 49.6 74.4
127 7.3 7.0 10.6

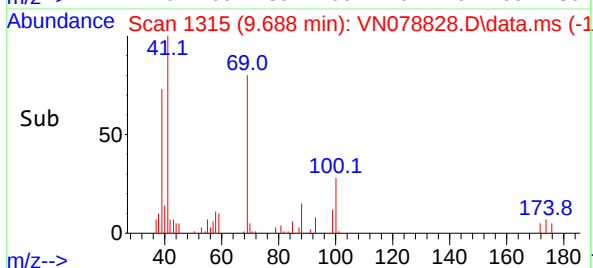
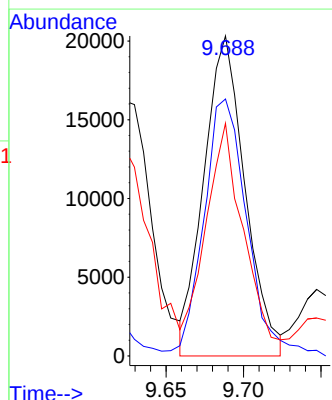
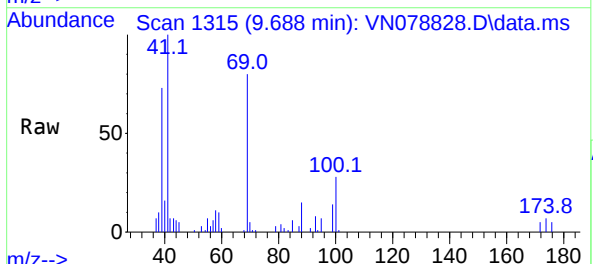
Manual Integrations
APPROVED

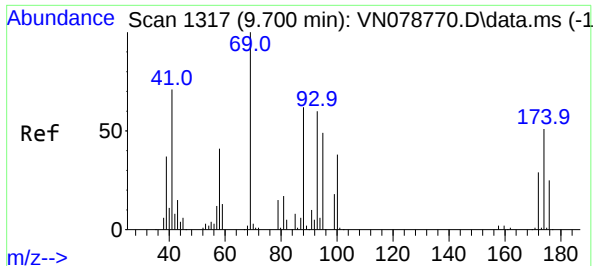
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#48
Methyl methacrylate
Concen: 16.266 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

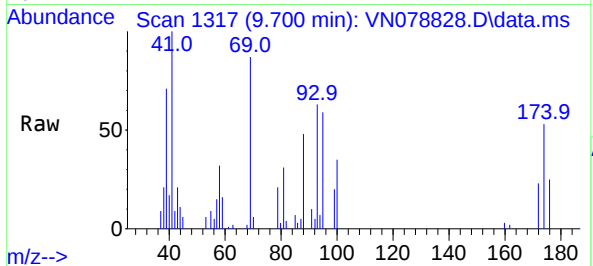
Tgt Ion: 41 Resp: 37532
Ion Ratio Lower Upper
41 100
69 84.4 90.4 135.6#
39 67.1 54.6 81.8





#49
1,4-Dioxane
Concen: 307.307 ug/l
RT: 9.700 min Scan# 11514
Delta R.T. 0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

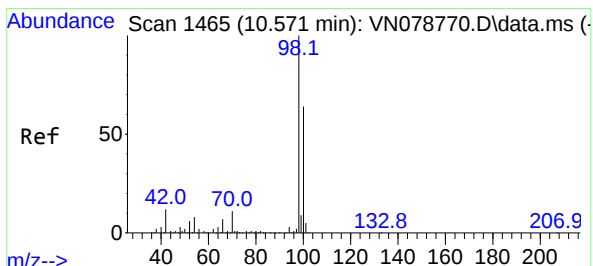
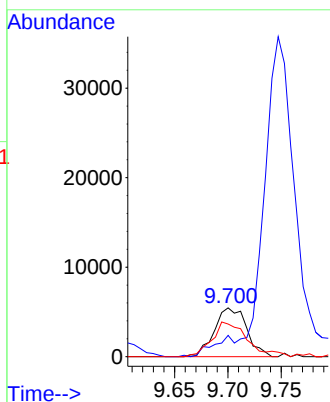
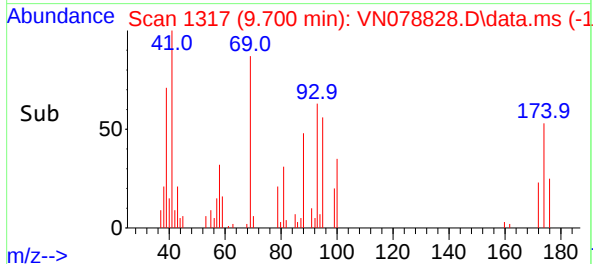
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



Tgt Ion: 88 Resp: 11514
Ion Ratio Lower Upper
88 100
43 28.4 17.0 25.6
58 77.2 47.0 70.4

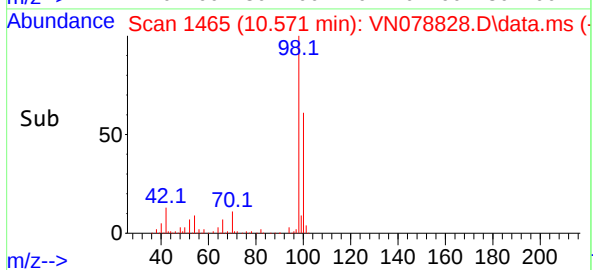
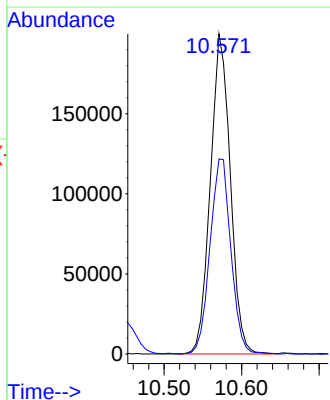
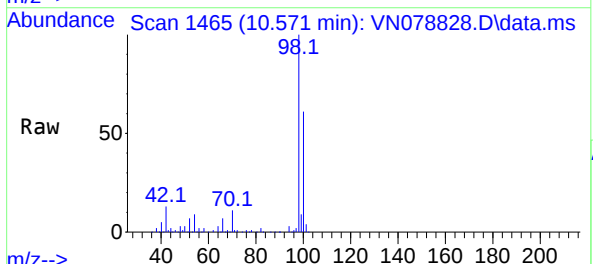
Manual Integrations
APPROVED

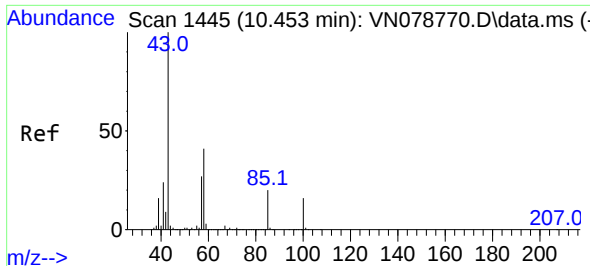
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#50
Toluene-d8
Concen: 54.232 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

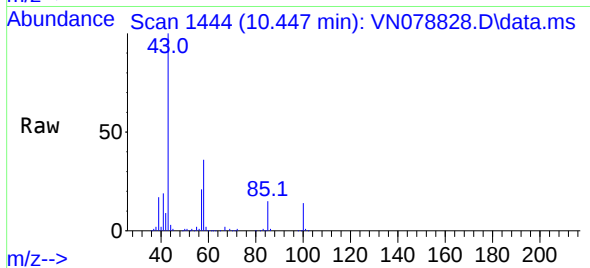
Tgt Ion: 98 Resp: 358353
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 84.828 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

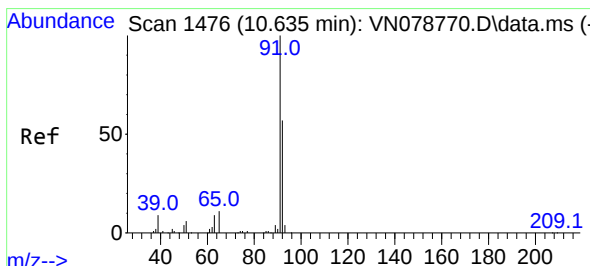
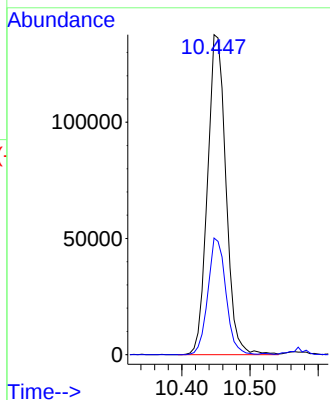
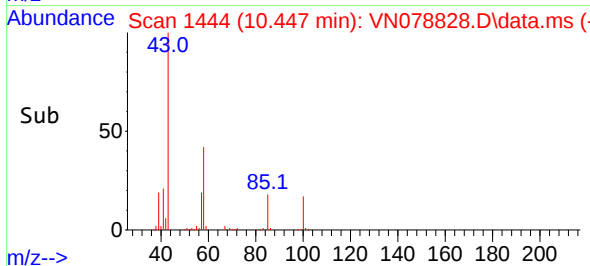
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



Tgt Ion: 43 Resp: 25946
Ion Ratio Lower Upper
43 100
58 35.5 36.6 54.8

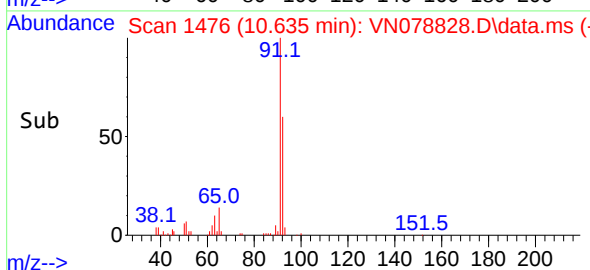
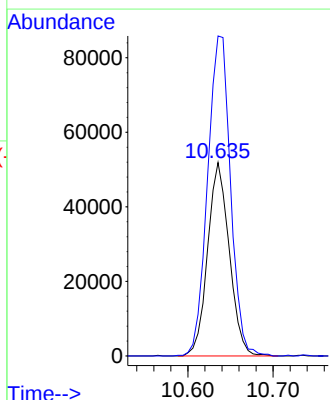
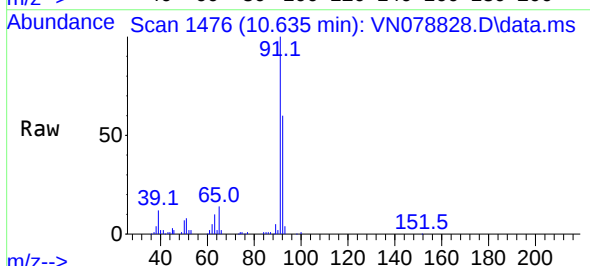
Manual Integrations
APPROVED

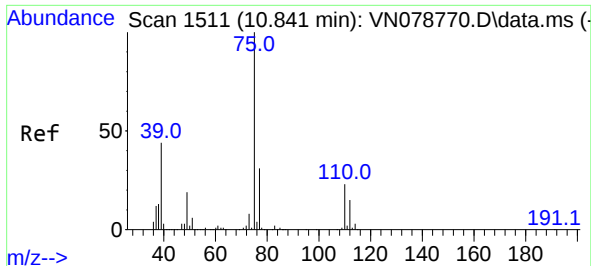
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#52
Toluene
Concen: 17.792 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

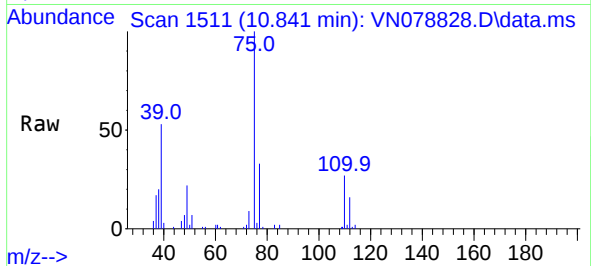
Tgt Ion: 92 Resp: 91552
Ion Ratio Lower Upper
92 100
91 175.6 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 17.219 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

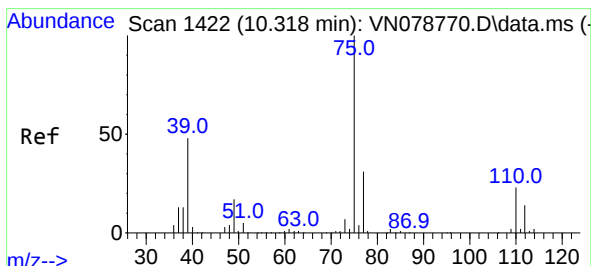
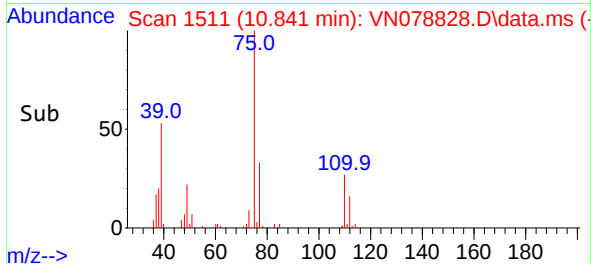
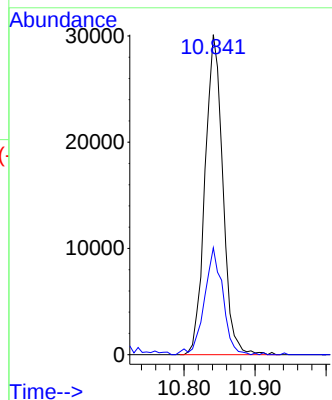
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



Tgt Ion: 75 Resp: 5264
Ion Ratio Lower Upper
75 100
77 33.4 25.4 38.0

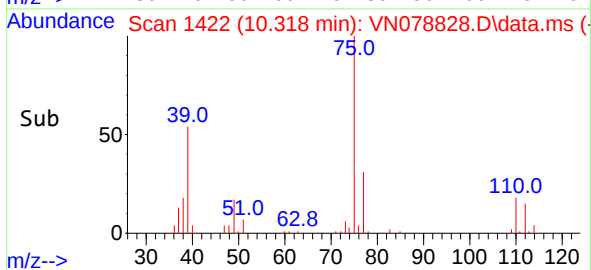
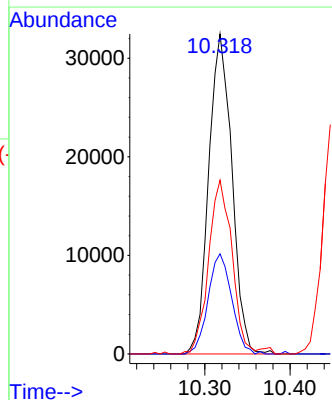
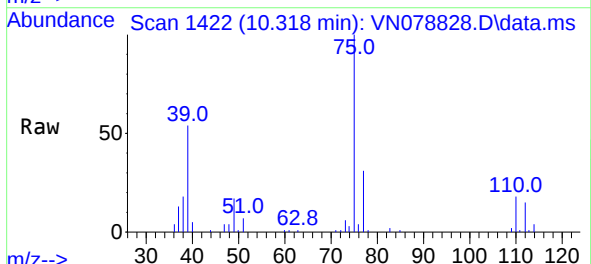
Manual Integrations
APPROVED

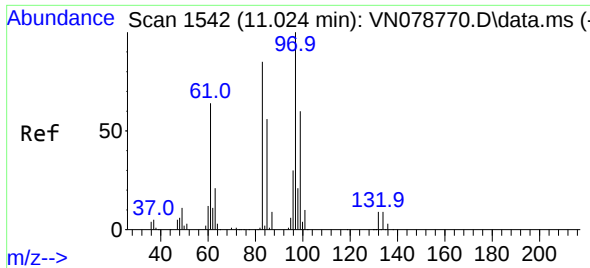
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#54
cis-1,3-Dichloropropene
Concen: 18.480 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

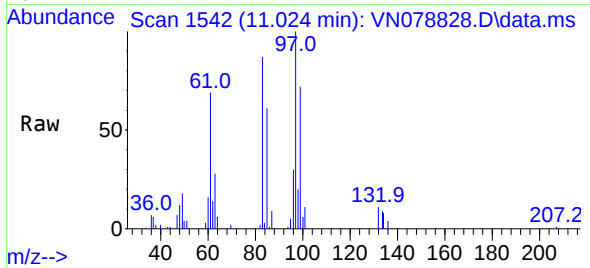
Tgt Ion: 75 Resp: 61382
Ion Ratio Lower Upper
75 100
77 31.3 26.1 39.1
39 54.3 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 17.497 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01

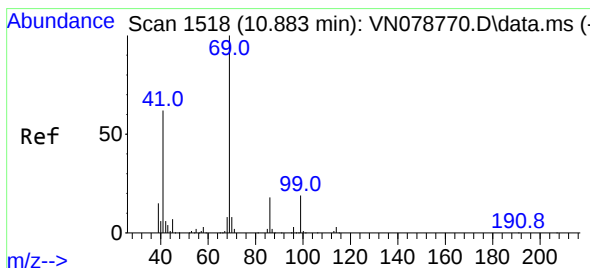
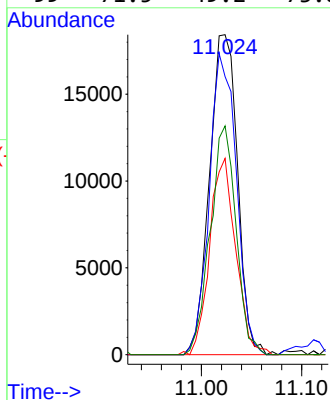
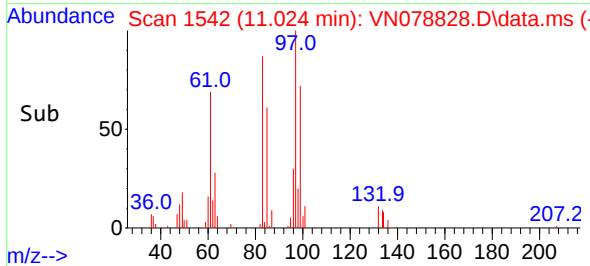


Tgt Ion: 97 Resp: 35789

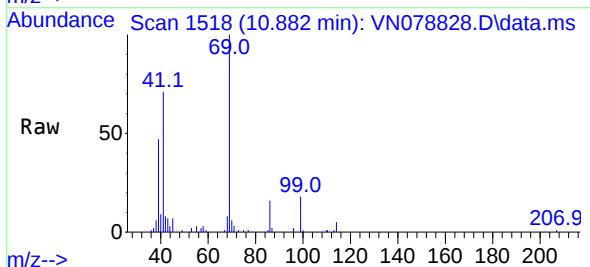
Ion	Ratio	Lower	Upper
97	100		
83	86.9	65.1	97.7
85	61.3	43.4	65.2
99	71.5	49.2	73.8

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

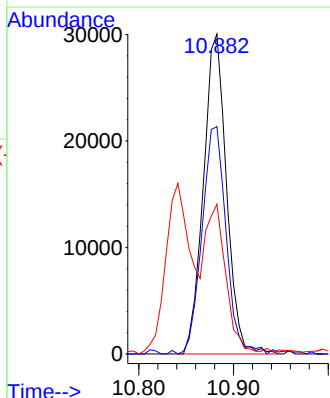
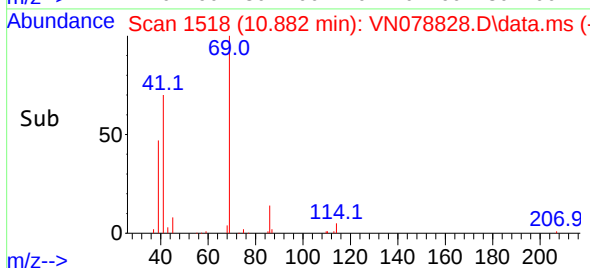


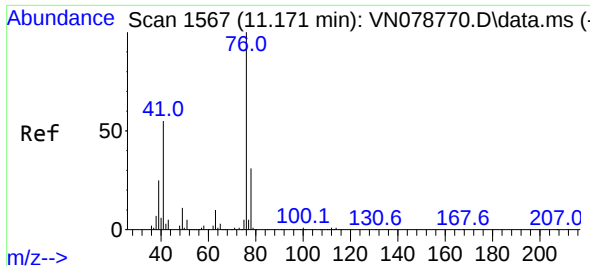
#56
Ethyl methacrylate
Concen: 17.139 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31



Tgt Ion: 69 Resp: 50836

Ion	Ratio	Lower	Upper
69	100		
41	74.3	39.6	59.4
39	40.1	28.6	43.0





#57

1,3-Dichloropropane

Concen: 18.377 ug/l

RT: 11.171 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN078828.D

Acq: 10 Aug 2023 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0810WBSD01

Tgt Ion: 76 Resp: 6535

Ion Ratio Lower Upper

76 100

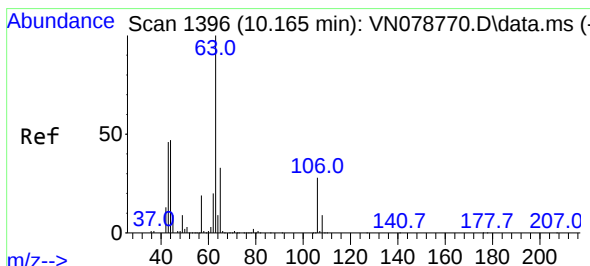
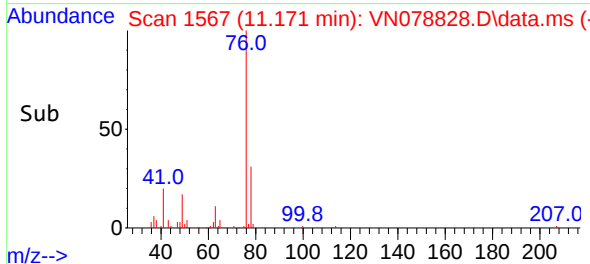
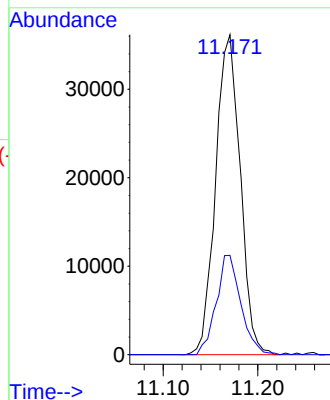
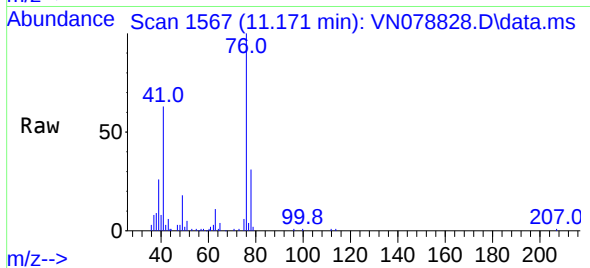
78 31.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2023

Supervised By :Mahesh Dadoda 08/11/2023



#58

2-Chloroethyl Vinyl ether

Concen: 92.811 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078828.D

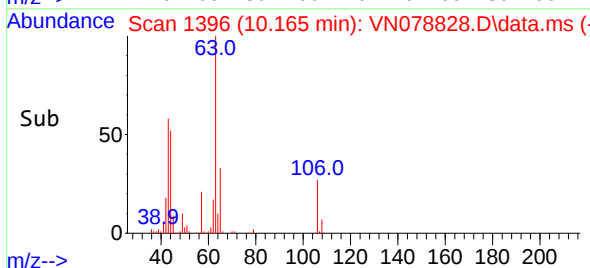
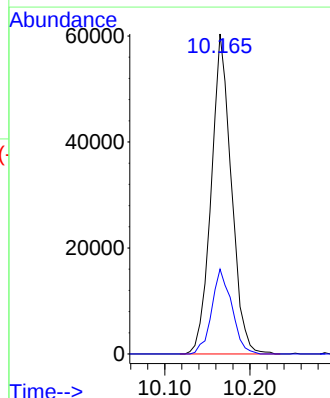
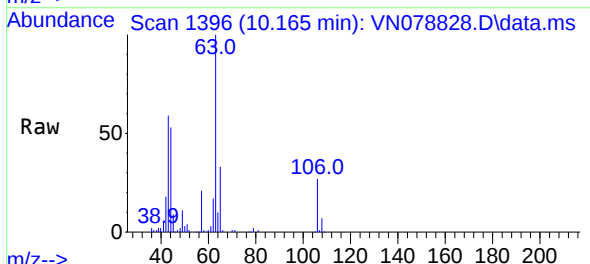
Acq: 10 Aug 2023 11:31

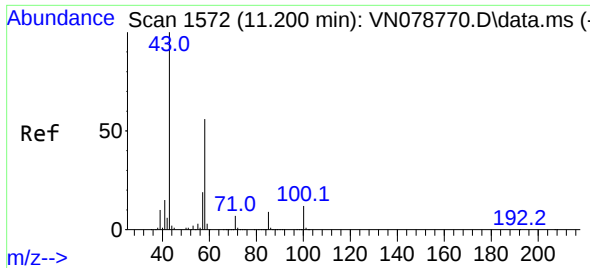
Tgt Ion: 63 Resp: 98830

Ion Ratio Lower Upper

63 100

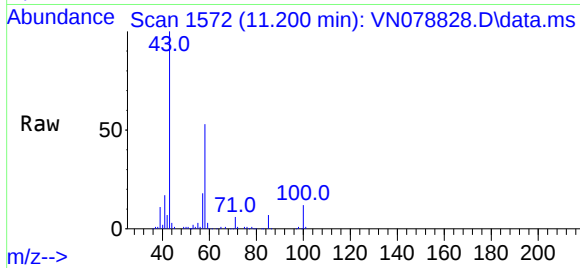
106 26.5 26.2 39.4





#59
2-Hexanone
Concen: 84.559 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

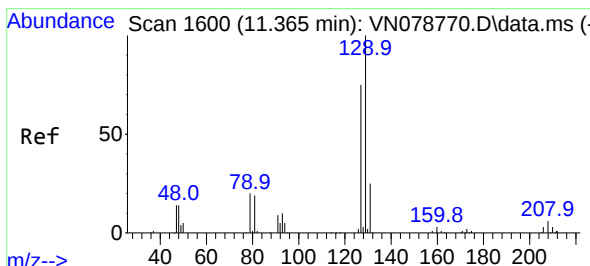
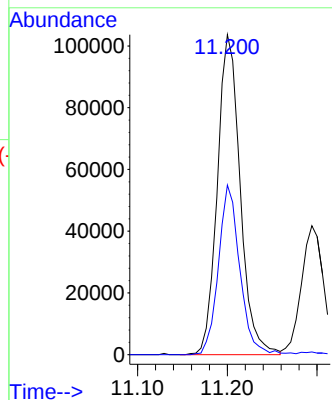
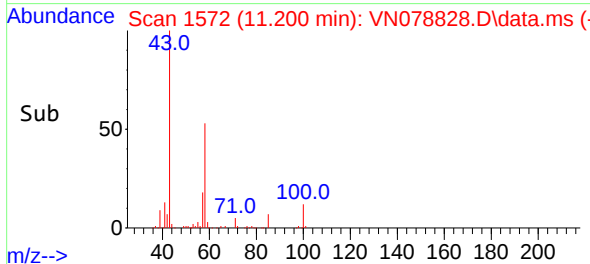
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



Tgt Ion: 43 Resp: 183140
Ion Ratio Lower Upper
43 100
58 49.6 31.7 95.1

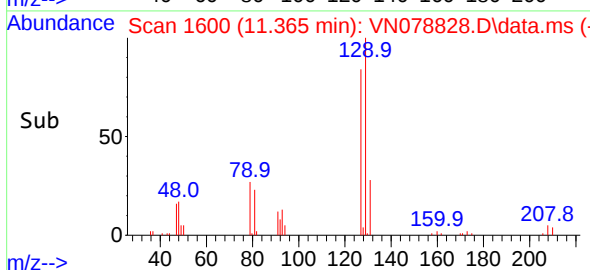
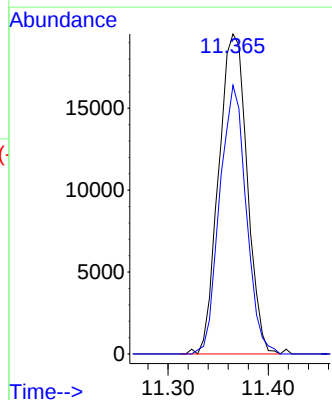
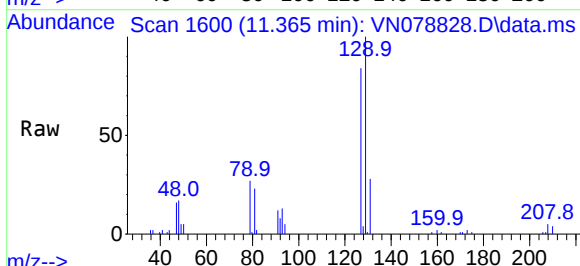
Manual Integrations
APPROVED

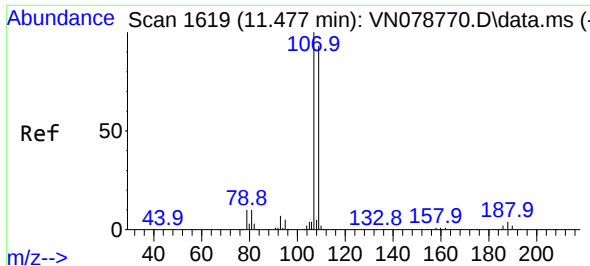
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#60
Dibromochloromethane
Concen: 17.940 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

Tgt Ion:129 Resp: 38514
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0





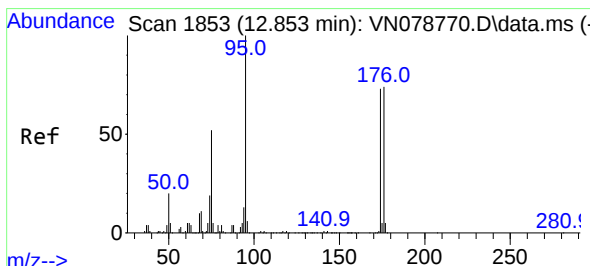
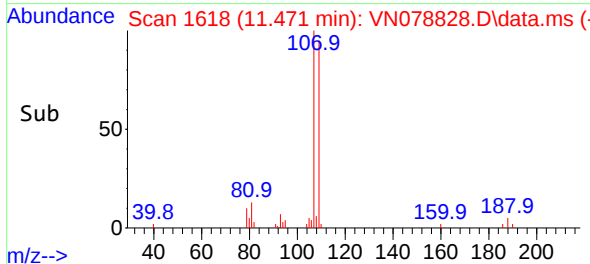
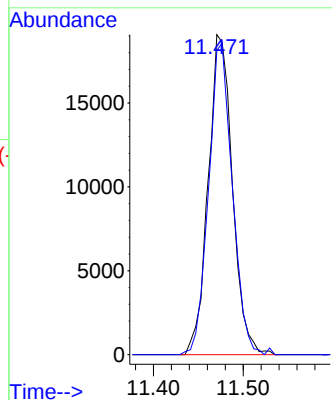
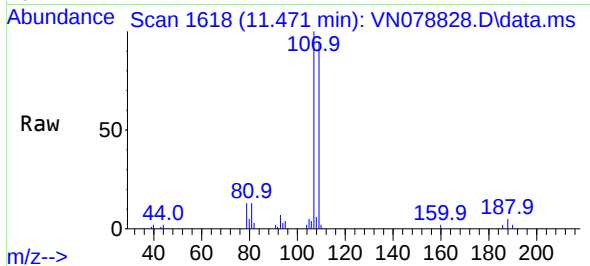
#61
1,2-Dibromoethane
Concen: 17.630 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01

Tgt Ion:107 Resp: 3571
Ion Ratio Lower Upper
107 100
109 95.2 76.6 114.8

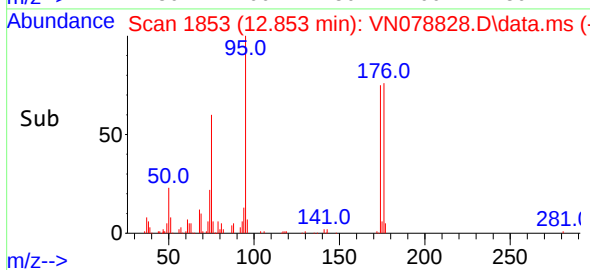
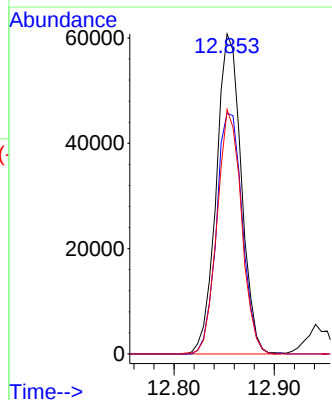
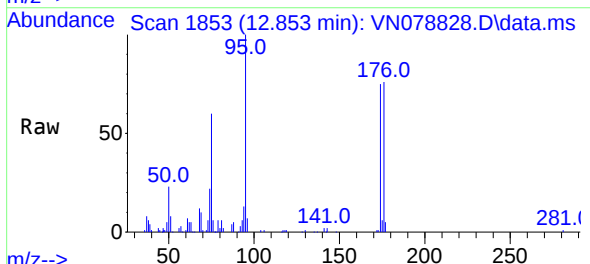
Manual Integrations
APPROVED

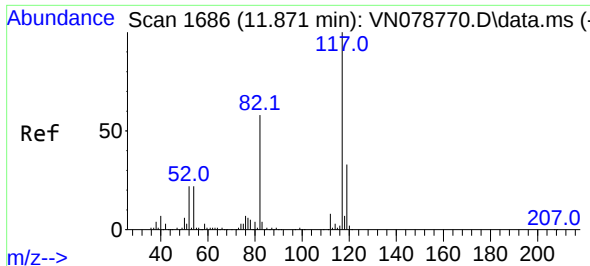
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#62
4-Bromofluorobenzene
Concen: 53.110 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

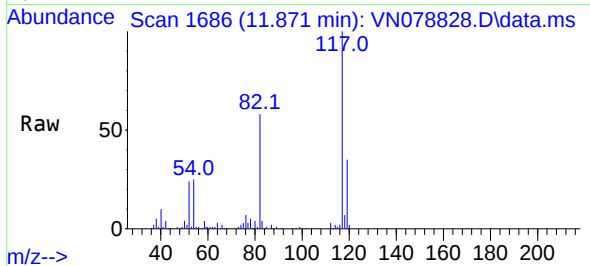
Tgt Ion: 95 Resp: 104883
Ion Ratio Lower Upper
95 100
174 77.8 0.0 143.8
176 74.6 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

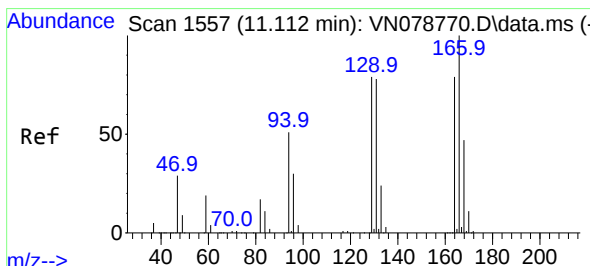
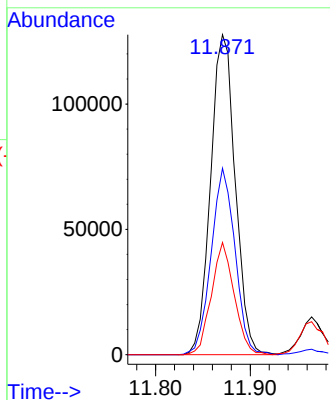
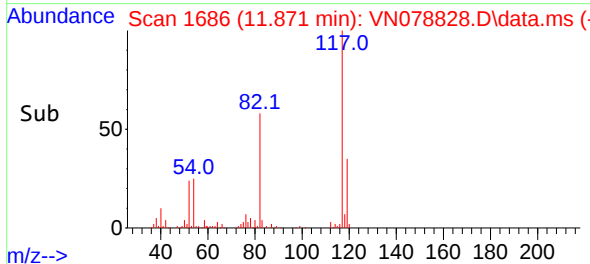
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



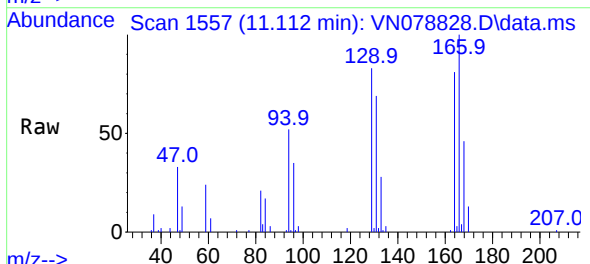
Tgt Ion:117 Resp: 230860
Ion Ratio Lower Upper
117 100
82 58.2 44.0 66.0
119 35.1 25.6 38.4

Manual Integrations
APPROVED

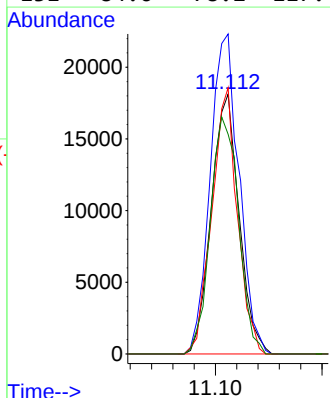
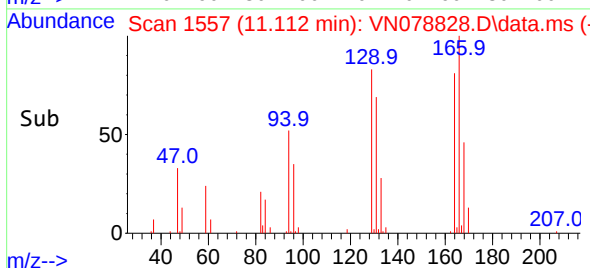
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

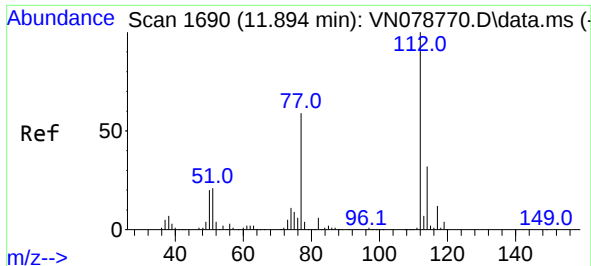


#64
Tetrachloroethene
Concen: 18.427 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31



Tgt Ion:164 Resp: 32778
Ion Ratio Lower Upper
164 100
166 123.1 101.4 152.0
129 102.4 82.4 123.6
131 84.6 78.2 117.4





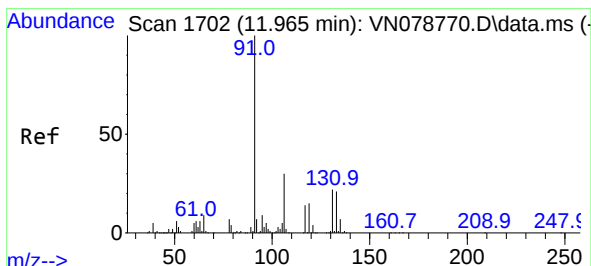
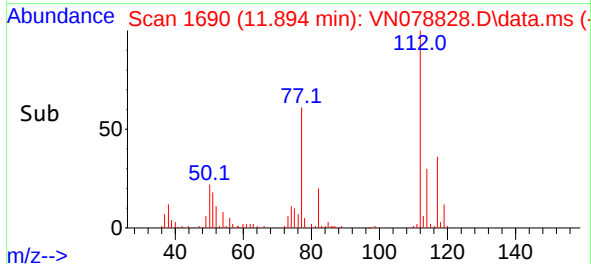
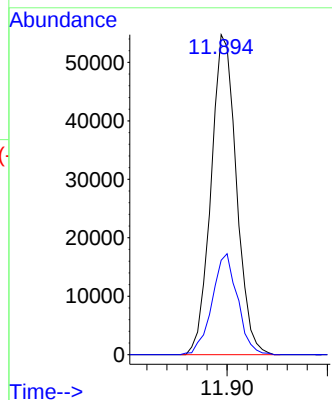
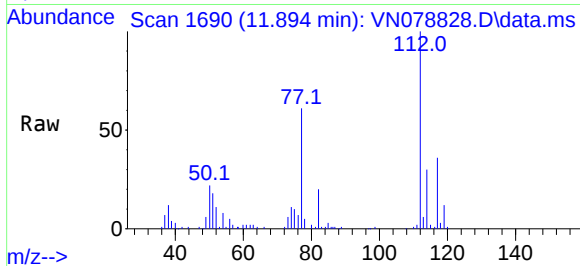
#65
Chlorobenzene
Concen: 18.270 ug/l
RT: 11.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01

Tgt Ion:112 Resp: 9605
Ion Ratio Lower Upper
112 100
114 29.5 25.0 37.4

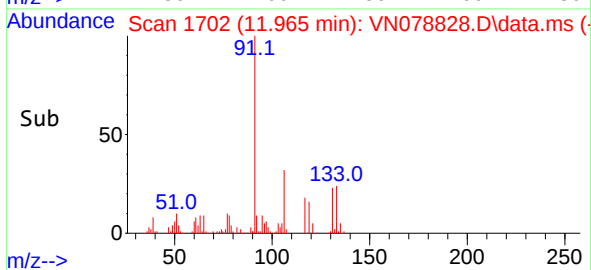
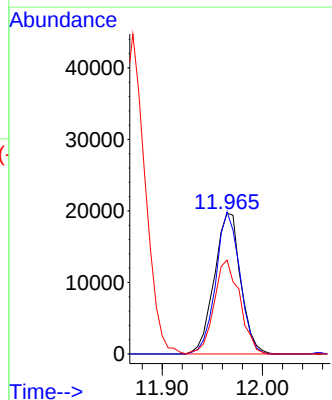
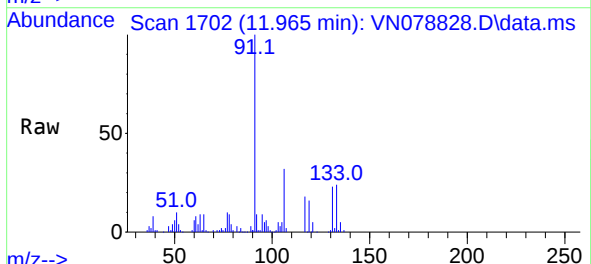
Manual Integrations
APPROVED

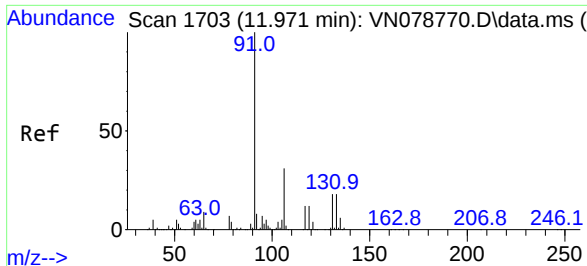
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 17.652 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

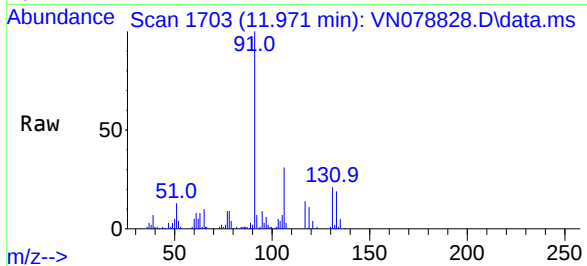
Tgt Ion:131 Resp: 35944
Ion Ratio Lower Upper
131 100
133 92.1 46.4 139.1
119 65.0 34.1 102.2





#67
Ethyl Benzene
Concen: 16.962 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

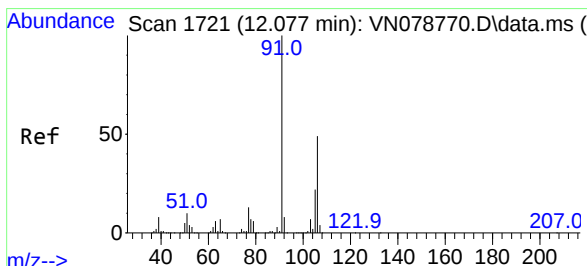
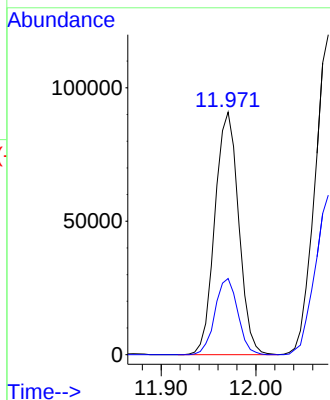
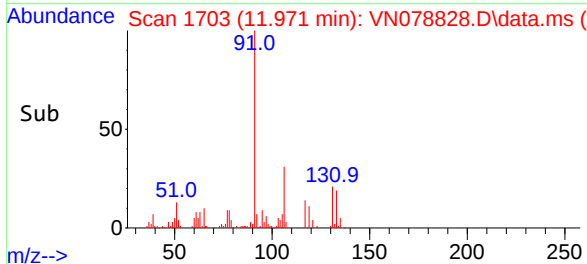
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



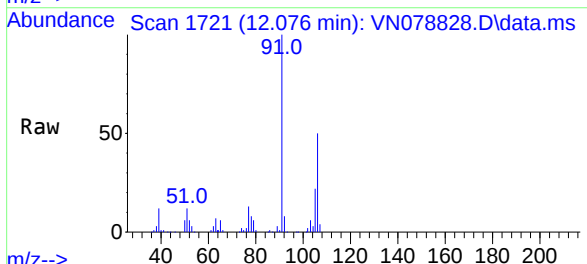
Tgt Ion: 91 Resp: 15884
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4

Manual Integrations
APPROVED

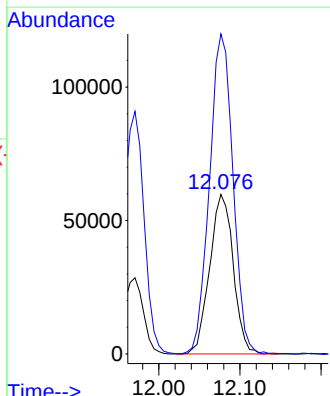
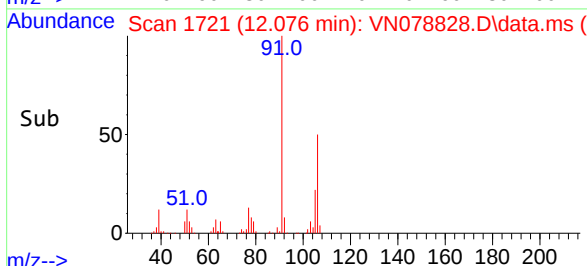
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

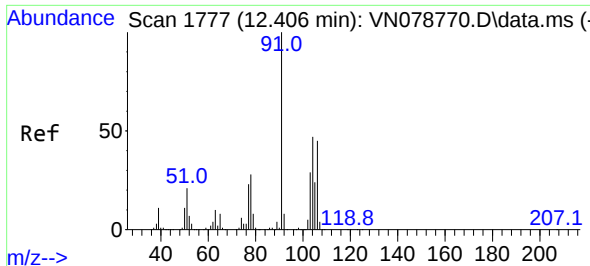


#68
m/p-Xylenes
Concen: 34.914 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. -0.001 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31



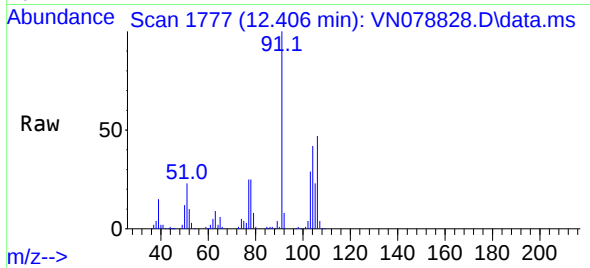
Tgt Ion:106 Resp: 120624
Ion Ratio Lower Upper
106 100
91 200.0 159.6 239.4





#69
o-Xylene
Concen: 17.491 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

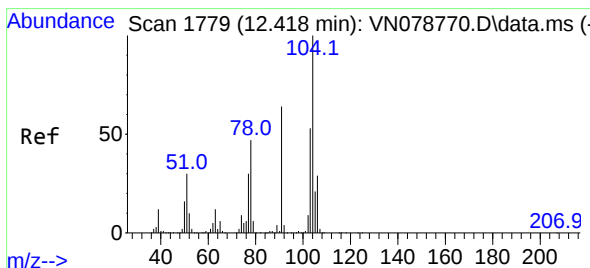
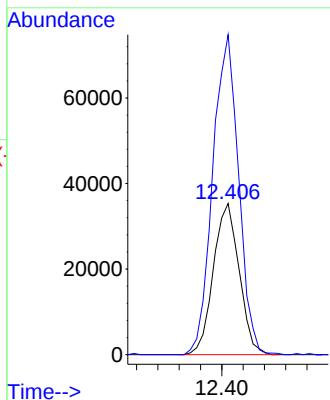
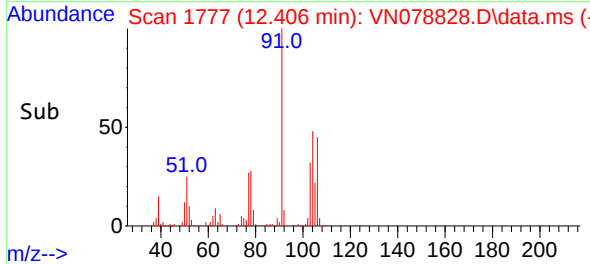
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



Tgt Ion:106 Resp: 59318
Ion Ratio Lower Upper
106 100
91 212.3 105.2 315.5

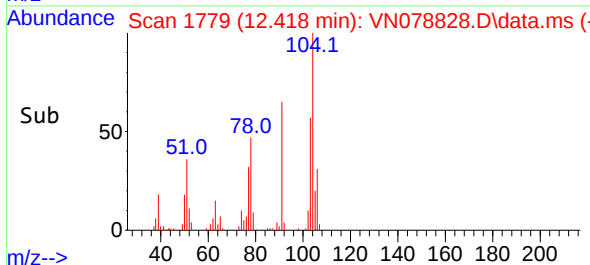
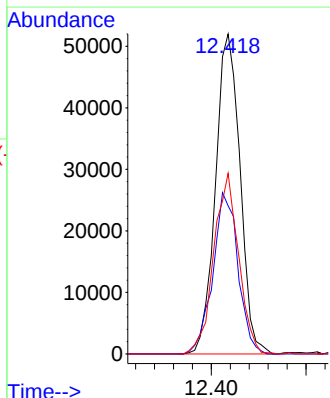
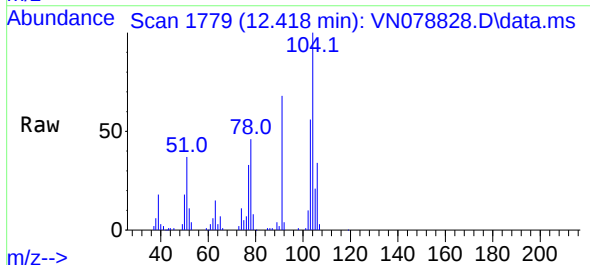
Manual Integrations
APPROVED

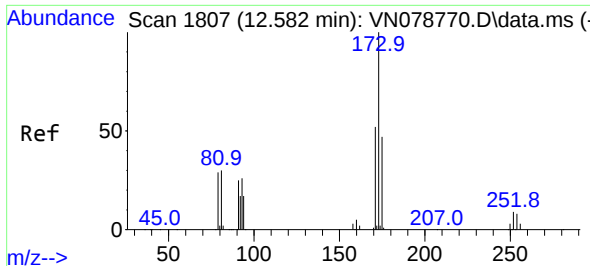
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#70
Styrene
Concen: 17.581 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

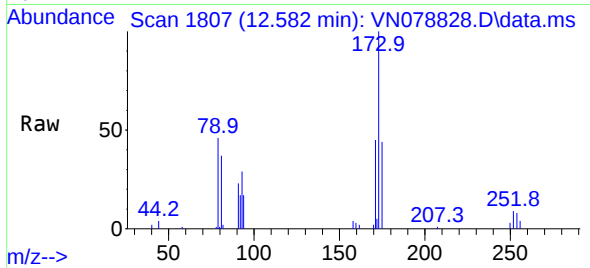
Tgt Ion:104 Resp: 93577
Ion Ratio Lower Upper
104 100
78 51.8 39.5 59.3
103 57.1 43.2 64.8





#71
Bromoform
Concen: 16.968 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

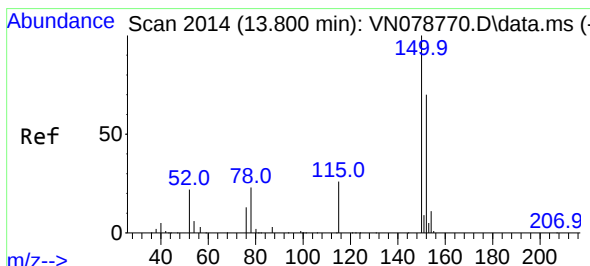
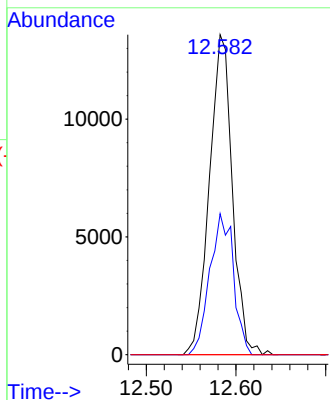
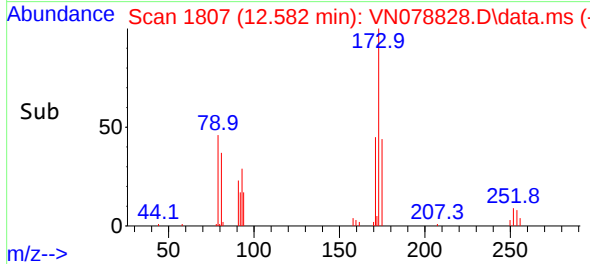
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



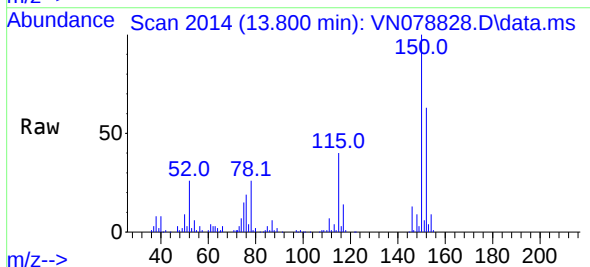
Tgt Ion:173 Resp: 24099
Ion Ratio Lower Upper
173 100
175 45.5 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

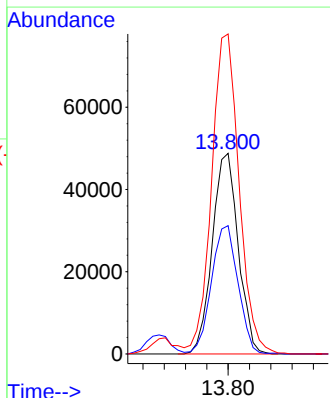
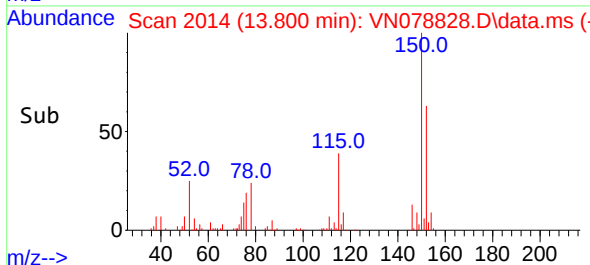
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

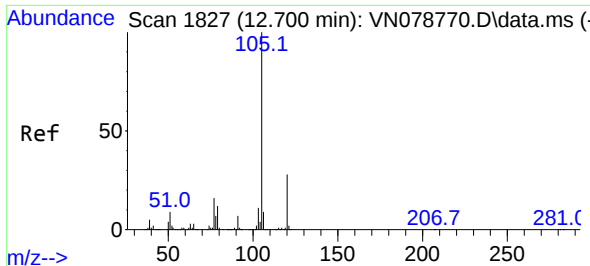


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31



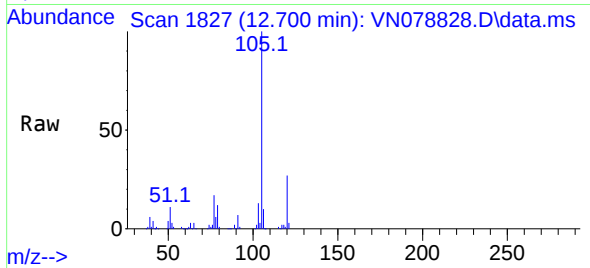
Tgt Ion:152 Resp: 82550
Ion Ratio Lower Upper
152 100
115 65.7 32.3 96.8
150 168.8 0.0 355.8





#73
Isopropylbenzene
Concen: 17.648 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

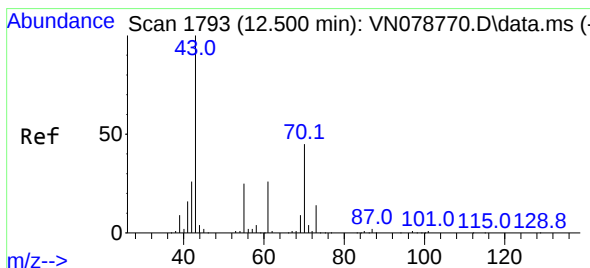
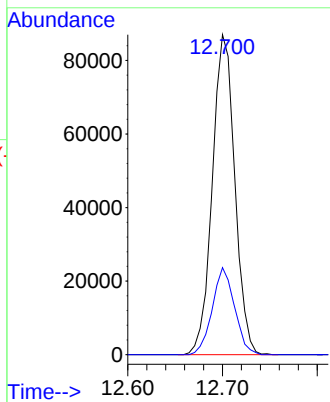
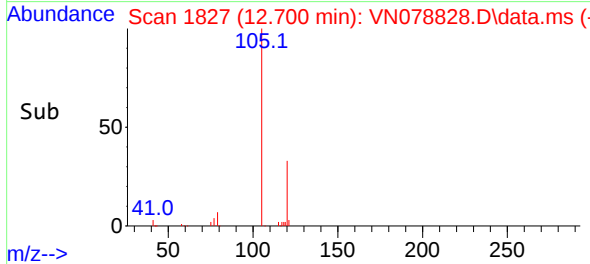
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



Tgt Ion:105 Resp: 14338
Ion Ratio Lower Upper
105 100
120 26.9 13.1 39.1

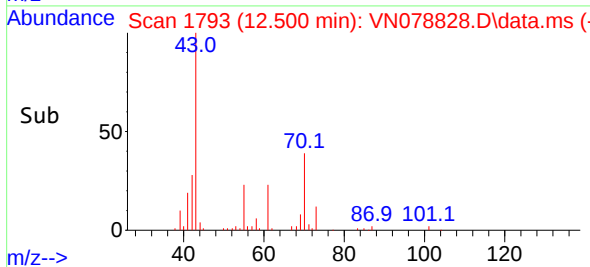
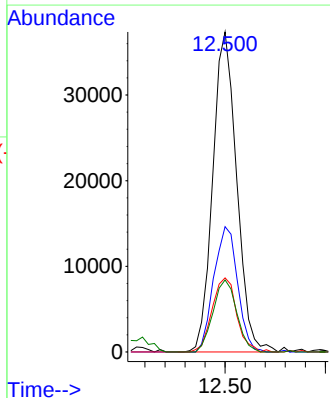
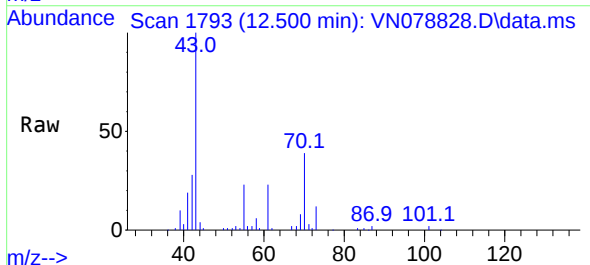
Manual Integrations
APPROVED

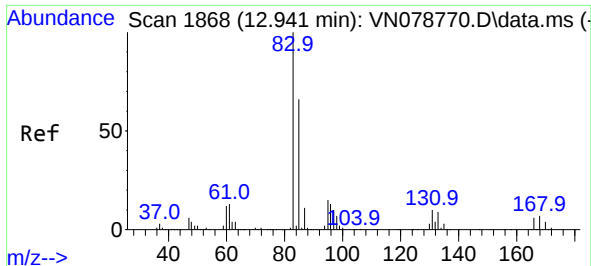
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#74
N-ethyl acetate
Concen: 16.787 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

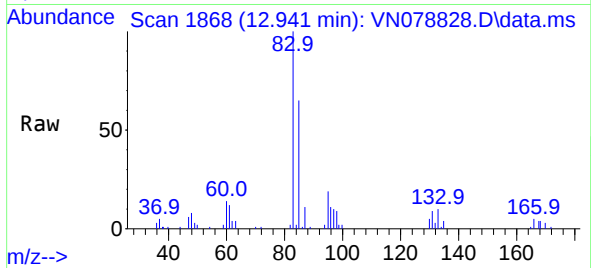
Tgt Ion: 43 Resp: 61870
Ion Ratio Lower Upper
43 100
70 38.9 43.4 65.2#
55 23.8 21.4 32.0
61 22.2 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 18.086 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

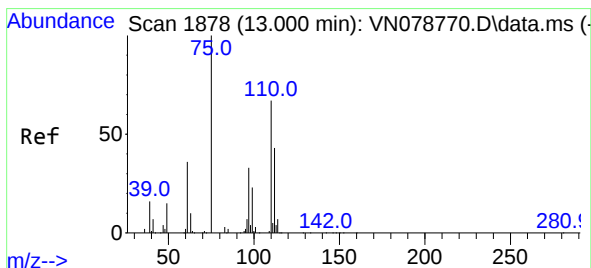
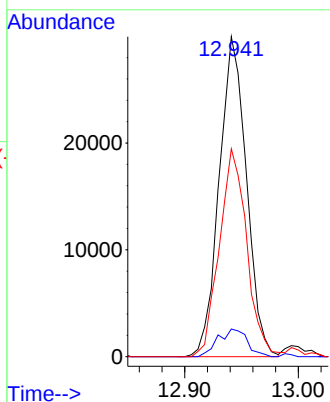
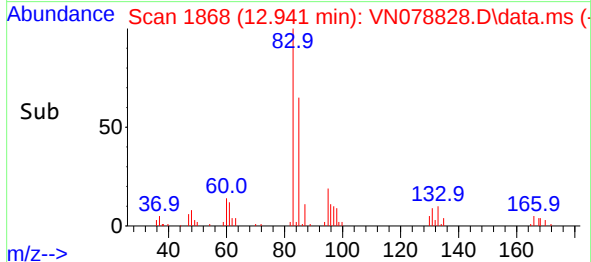
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



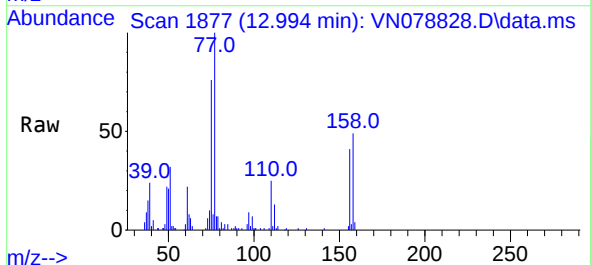
Tgt Ion: 83 Resp: 4993
Ion Ratio Lower Upper
83 100
131 9.3 5.0 15.0
85 65.4 31.9 95.7

Manual Integrations
APPROVED

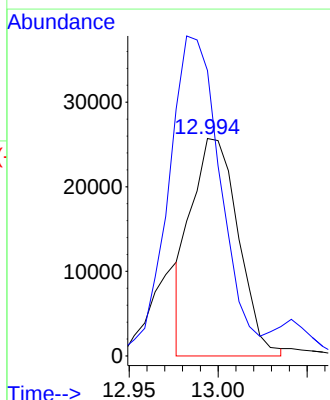
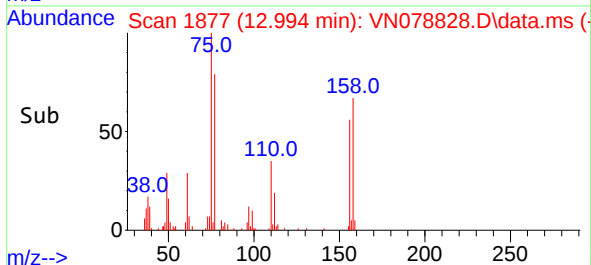
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

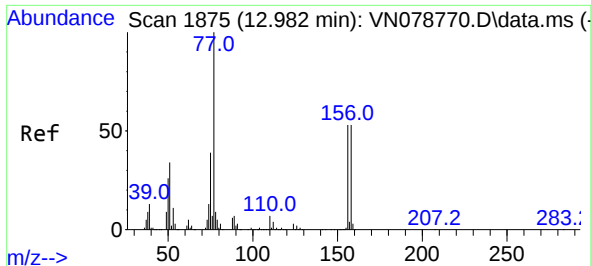


#76
1,2,3-Trichloropropane
Concen: 21.275 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31



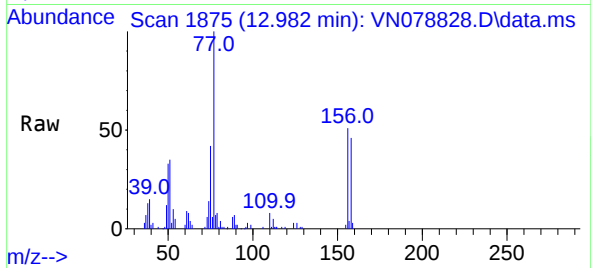
Tgt Ion: 75 Resp: 47484
Ion Ratio Lower Upper
75 100
77 162.9 84.5 253.5





#77
Bromobenzene
Concen: 17.301 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

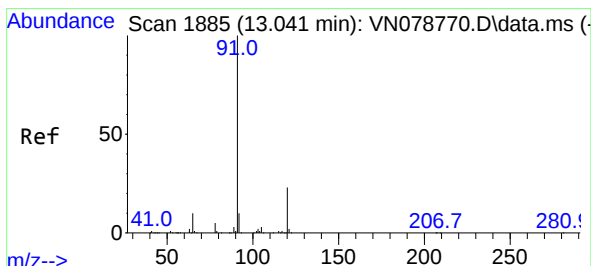
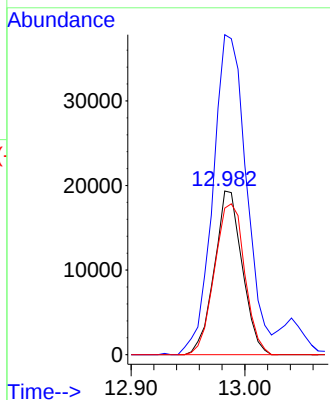
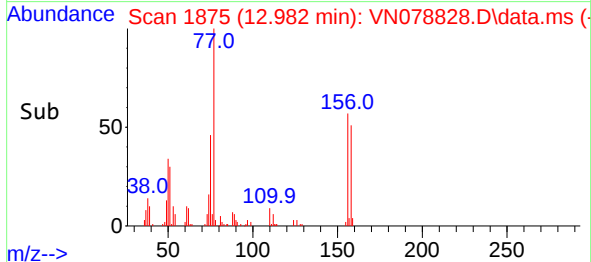
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



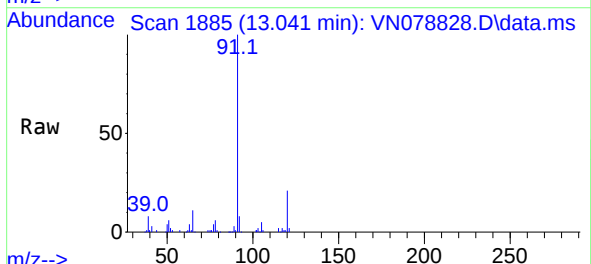
Tgt Ion:156 Resp: 32982
Ion Ratio Lower Upper
156 100
77 234.5 107.7 323.3
158 99.9 48.4 145.3

Manual Integrations
APPROVED

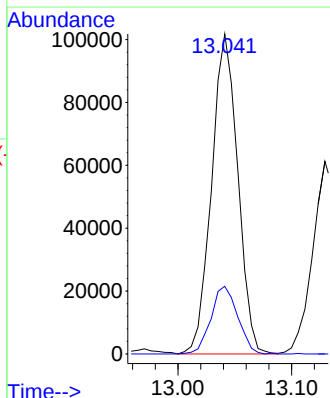
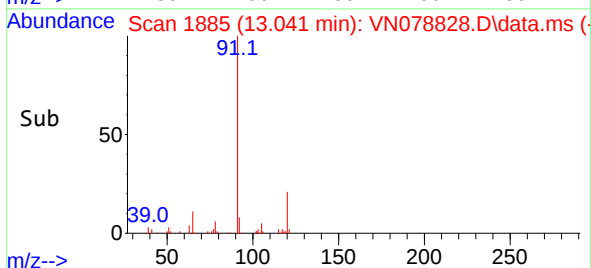
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

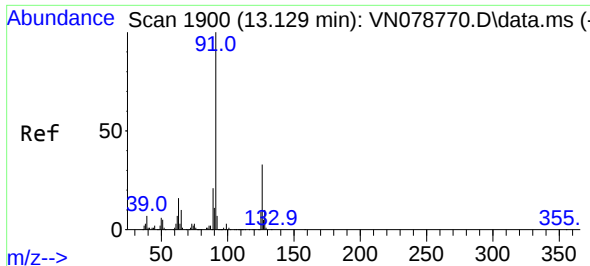


#78
n-propylbenzene
Concen: 18.273 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31



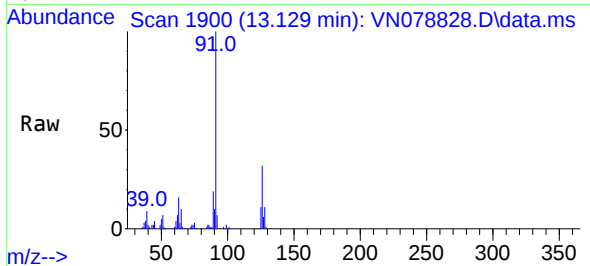
Tgt Ion: 91 Resp: 163172
Ion Ratio Lower Upper
91 100
120 21.6 11.5 34.4





#79
2-Chlorotoluene
Concen: 18.169 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

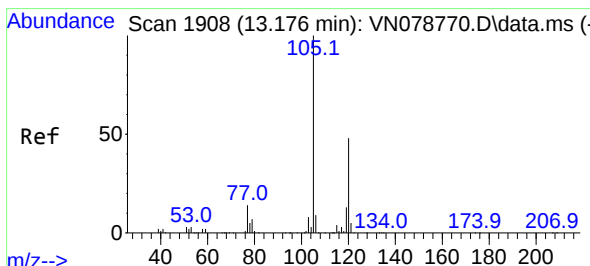
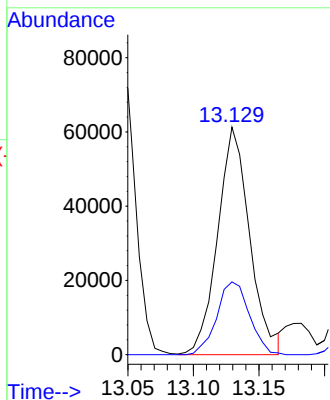
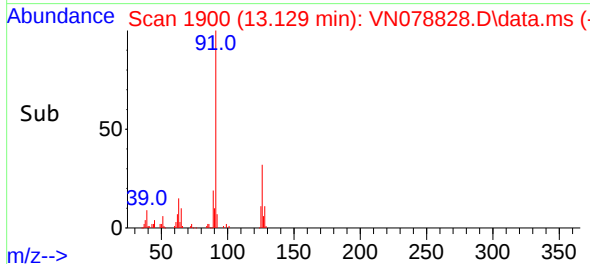
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



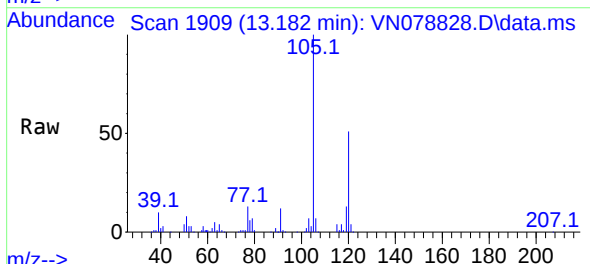
Tgt Ion: 91 Resp: 104234
Ion Ratio Lower Upper
91 100
126 32.6 16.3 48.8

Manual Integrations
APPROVED

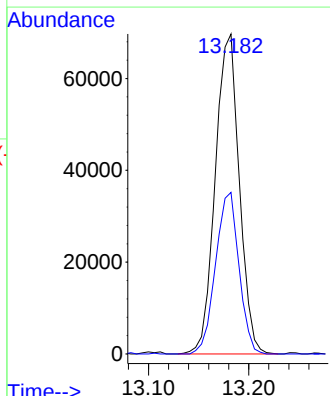
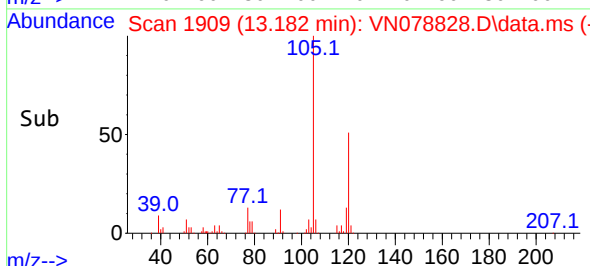
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

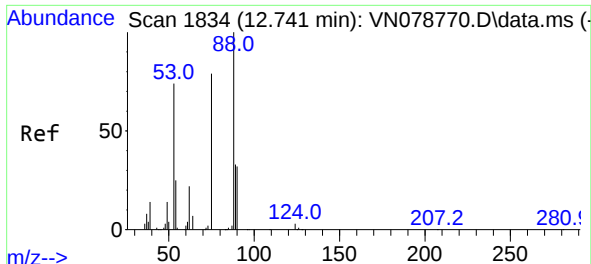


#80
1,3,5-Trimethylbenzene
Concen: 17.815 ug/l
RT: 13.182 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31



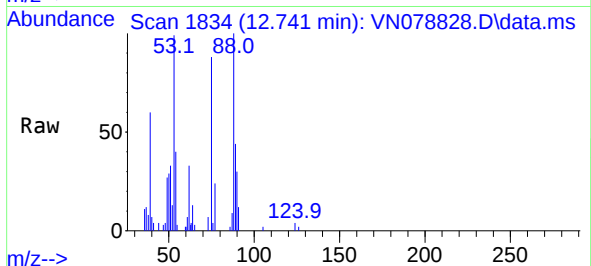
Tgt Ion:105 Resp: 115946
Ion Ratio Lower Upper
105 100
120 49.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 18.803 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

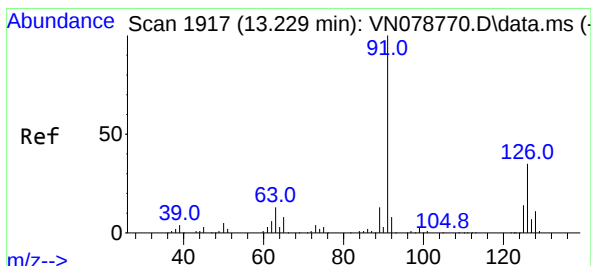
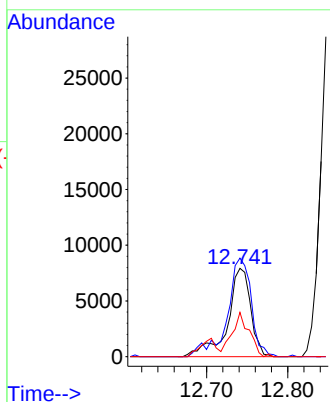
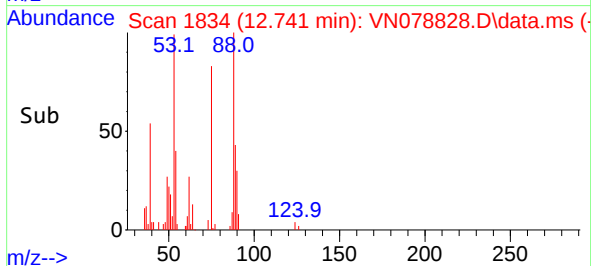
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



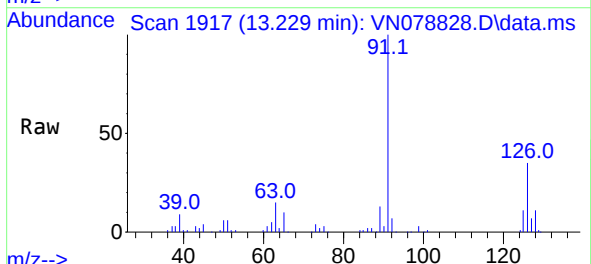
Tgt Ion: 75 Resp: 15639
Ion Ratio Lower Upper
75 100
53 109.0 67.4 101.2
89 37.5 38.8 58.2

Manual Integrations
APPROVED

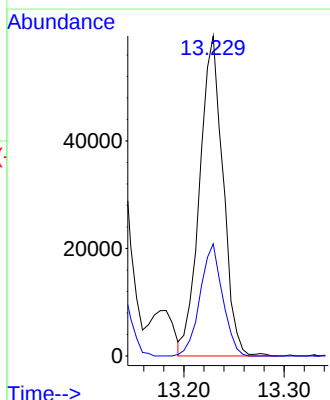
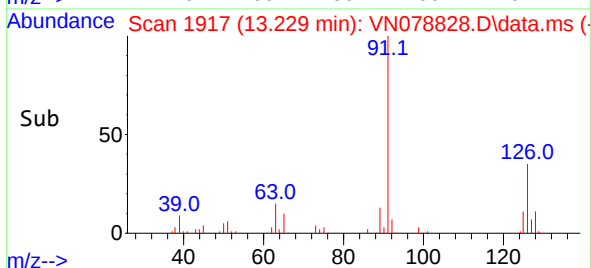
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

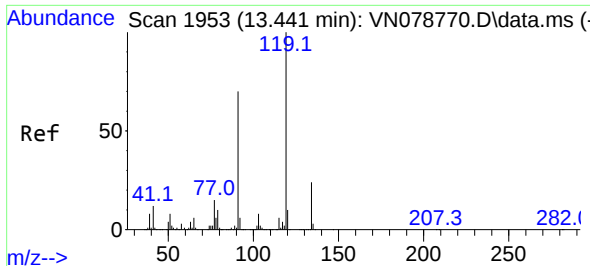


#82
4-Chlorotoluene
Concen: 18.388 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31



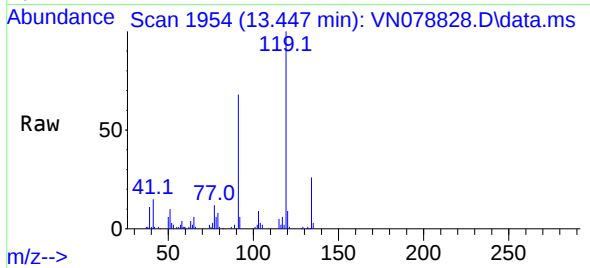
Tgt Ion: 91 Resp: 96505
Ion Ratio Lower Upper
91 100
126 33.6 16.7 50.0





#83
tert-Butylbenzene
Concen: 17.556 ug/l
RT: 13.447 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

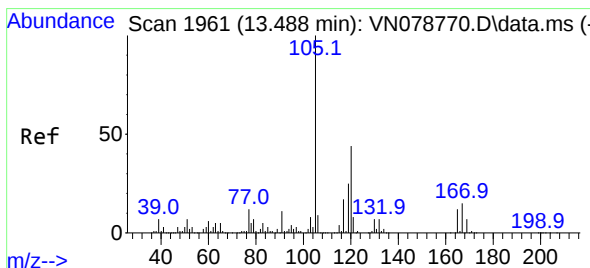
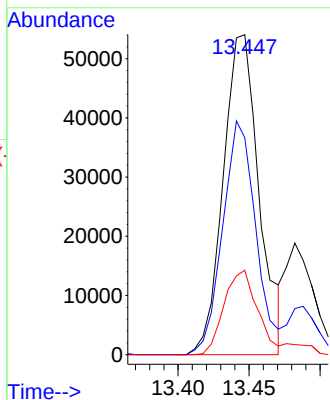
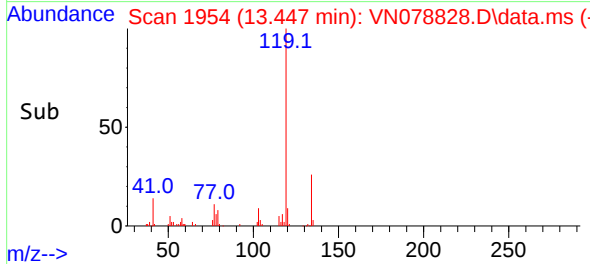
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



Tgt Ion:119 Resp: 95168
Ion Ratio Lower Upper
119 100
91 67.3 33.9 101.7
134 27.1 13.2 39.6

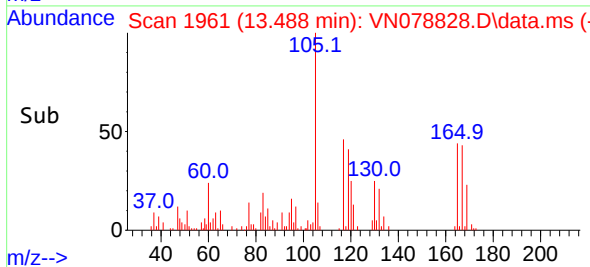
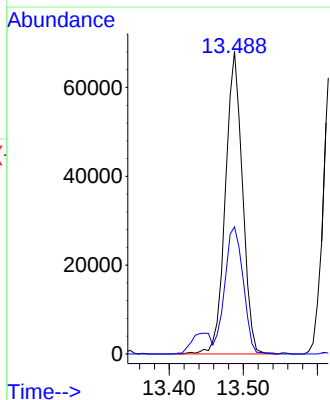
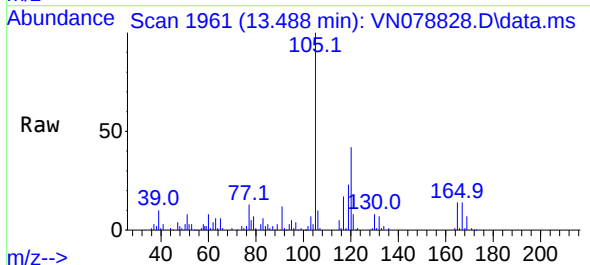
Manual Integrations
APPROVED

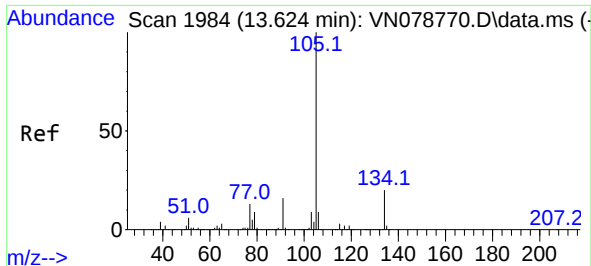
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#84
1,2,4-Trimethylbenzene
Concen: 17.413 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

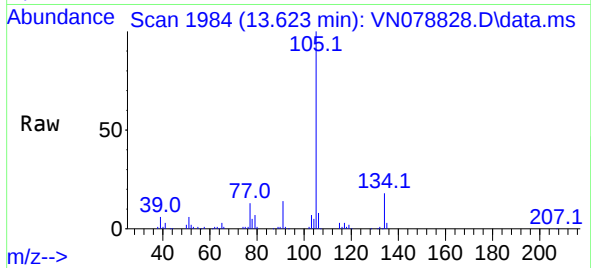
Tgt Ion:105 Resp: 108921
Ion Ratio Lower Upper
105 100
120 45.1 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 17.669 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. -0.001 min
 Lab File: VN078828.D
 Acq: 10 Aug 2023 11:31

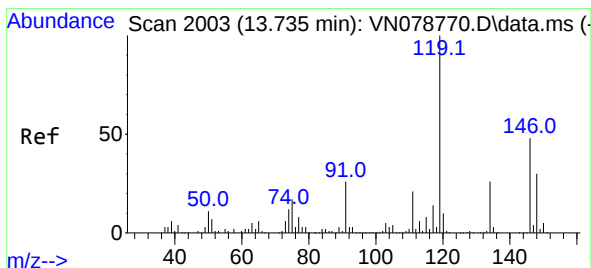
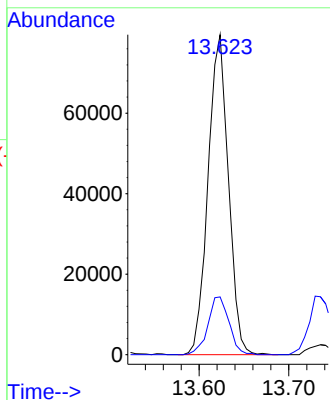
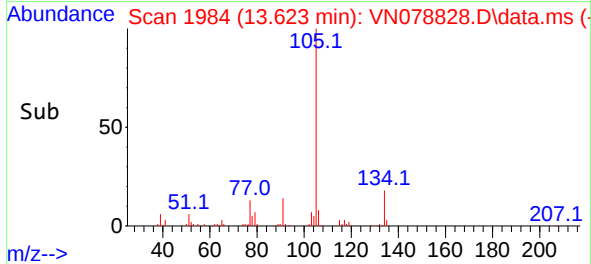
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0810WBSD01



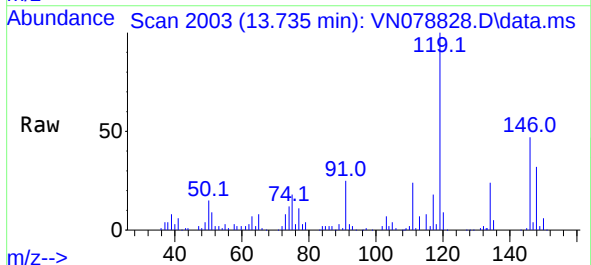
Tgt Ion:105 Resp: 125238
 Ion Ratio Lower Upper
 105 100
 134 18.7 9.8 29.3

Manual Integrations
 APPROVED

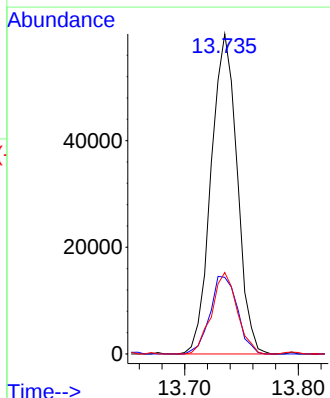
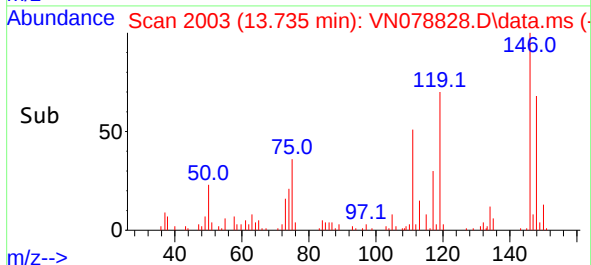
Reviewed By :John Carlone 08/11/2023
 Supervised By :Mahesh Dadoda 08/11/2023

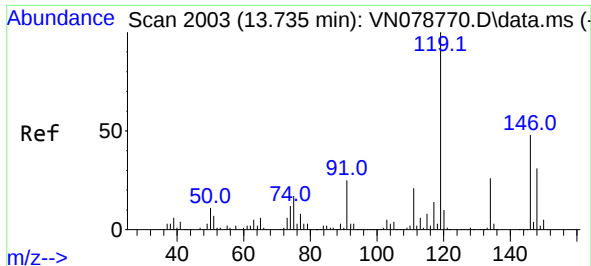


#86
 p-Isopropyltoluene
 Concen: 16.959 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. -0.000 min
 Lab File: VN078828.D
 Acq: 10 Aug 2023 11:31



Tgt Ion:119 Resp: 95580
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 25.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 17.863 ug/l

RT: 13.741 min Scan# 2003

Delta R.T. 0.006 min

Lab File: VN078828.D

Acq: 10 Aug 2023 11:31

Instrument :

MSVOA_N

ClientSampleId :

VN0810WBSD01

Tgt Ion:146 Resp: 5438

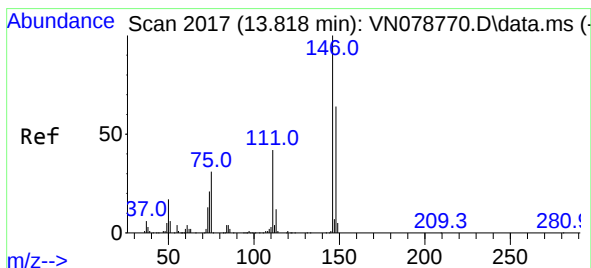
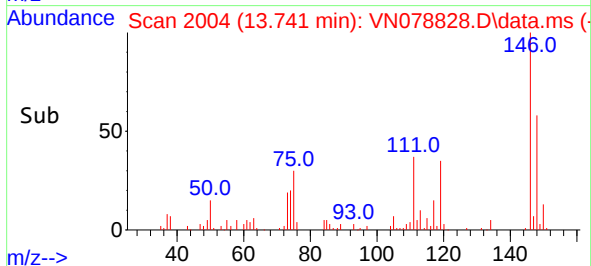
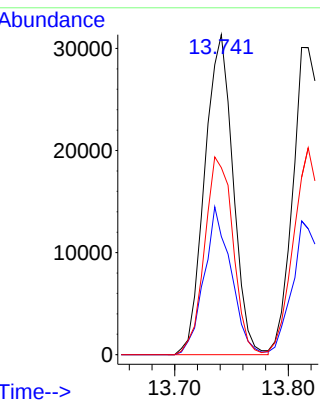
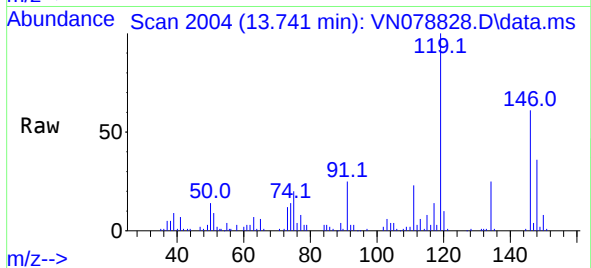
Ion	Ratio	Lower	Upper
146	100		
111	43.9	22.1	66.3
148	62.2	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/11/2023

Supervised By :Mahesh Dadoda 08/11/2023



#88

1,4-Dichlorobenzene

Concen: 18.051 ug/l

RT: 13.812 min Scan# 2016

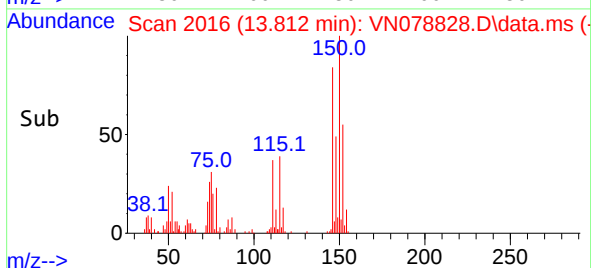
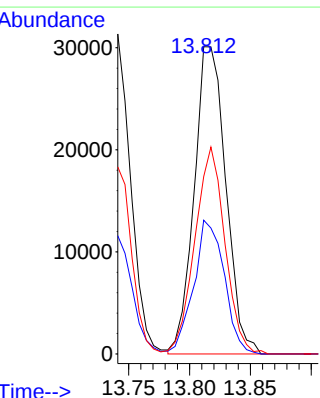
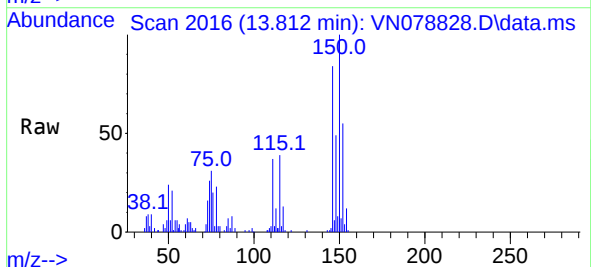
Delta R.T. -0.006 min

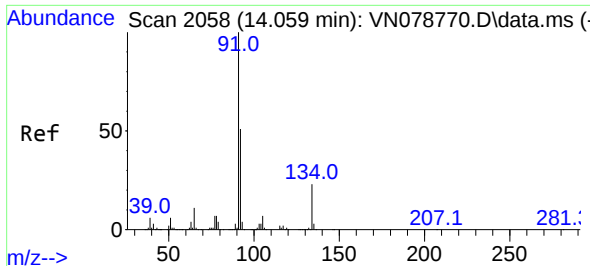
Lab File: VN078828.D

Acq: 10 Aug 2023 11:31

Tgt Ion:146 Resp: 54481

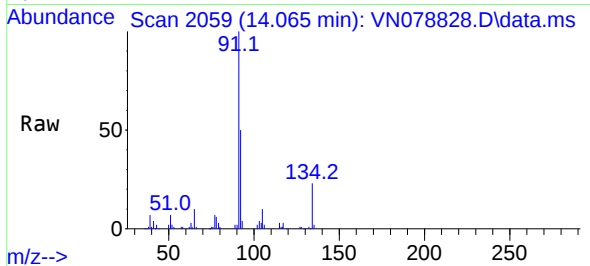
Ion	Ratio	Lower	Upper
146	100		
111	42.2	20.6	61.8
148	64.2	31.6	94.8





#89
n-Butylbenzene
Concen: 16.346 ug/l
RT: 14.065 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

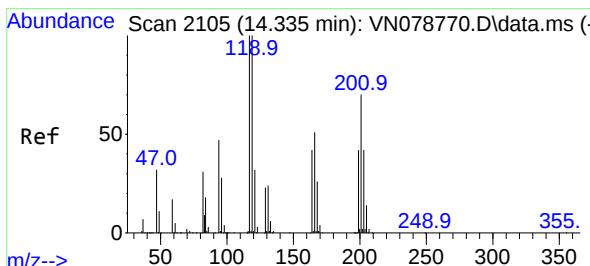
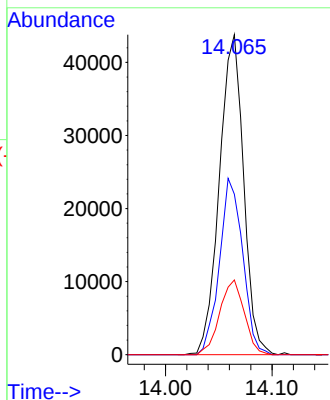
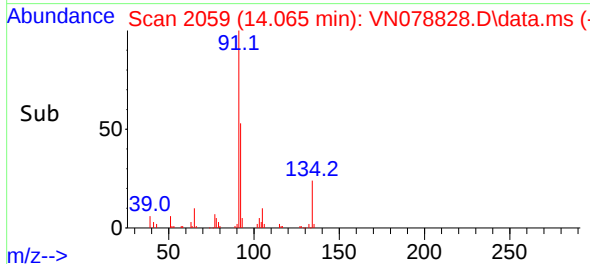
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



Tgt Ion: 91 Resp: 69125
Ion Ratio Lower Upper
91 100
92 53.0 26.4 79.0
134 23.7 12.6 37.6

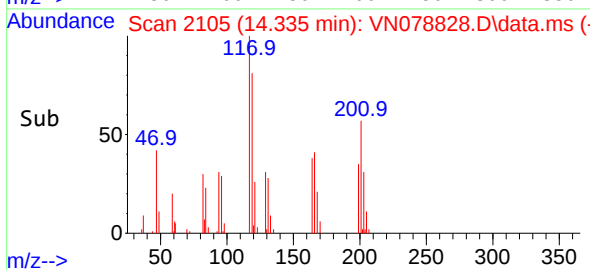
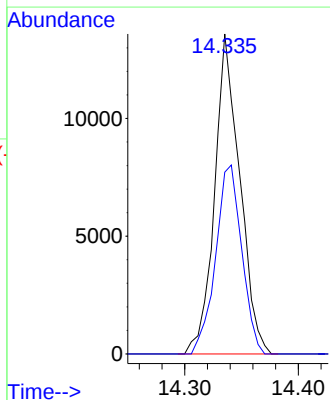
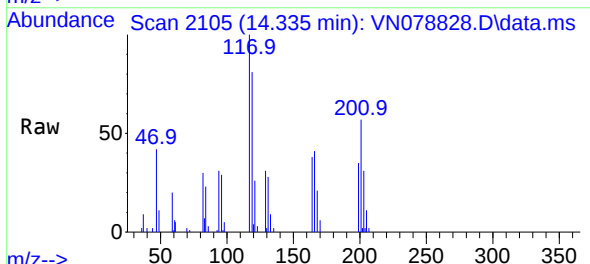
Manual Integrations
APPROVED

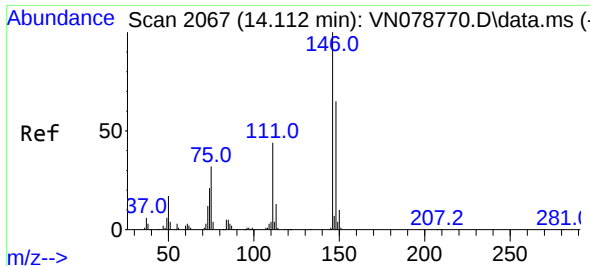
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#90
Hexachloroethane
Concen: 17.907 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

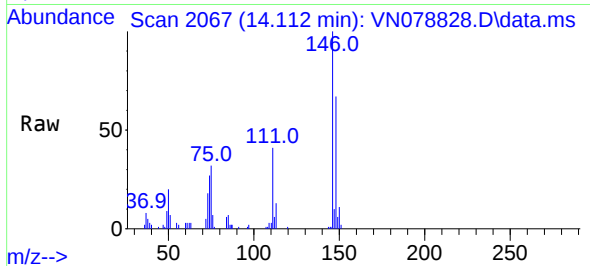
Tgt Ion:117 Resp: 20917
Ion Ratio Lower Upper
117 100
201 61.2 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 18.362 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

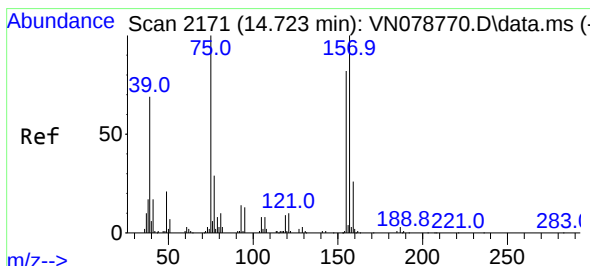
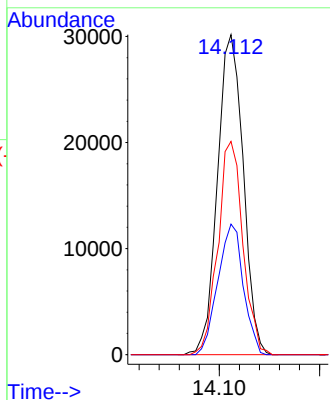
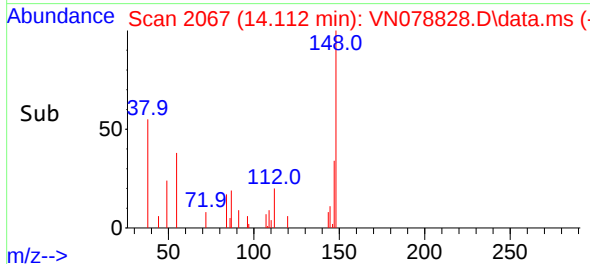
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



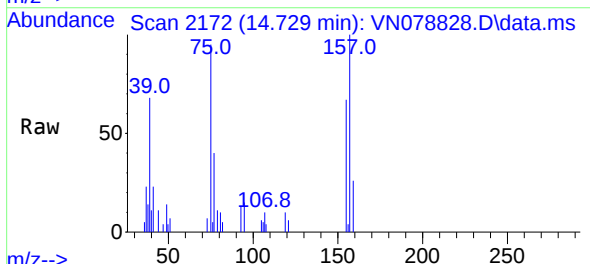
Tgt Ion:146 Resp: 5385
Ion Ratio Lower Upper
146 100
111 40.3 22.0 66.0
148 64.6 31.8 95.3

Manual Integrations
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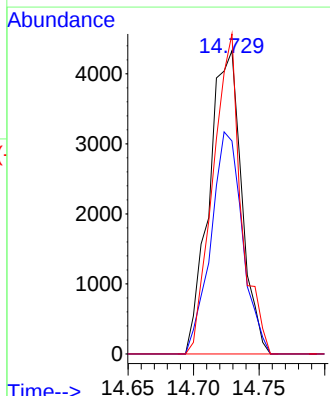
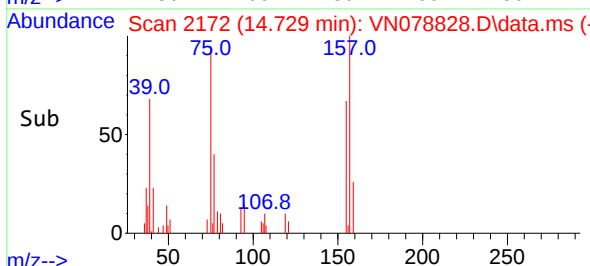
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

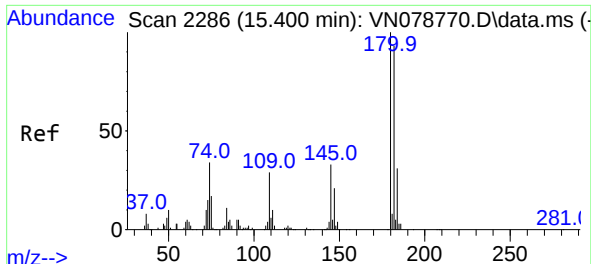


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.612 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31



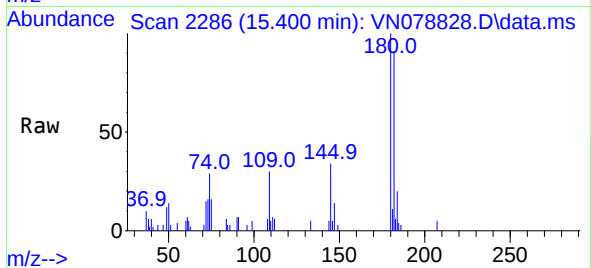
Tgt Ion: 75 Resp: 7459
Ion Ratio Lower Upper
75 100
155 71.2 39.1 117.2
157 91.3 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 13.838 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

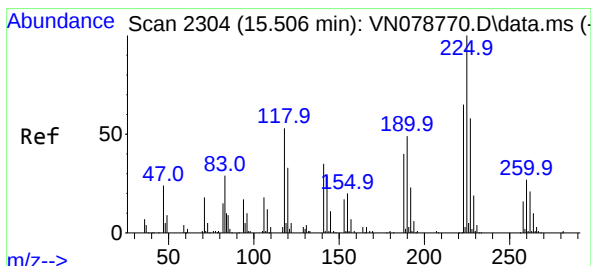
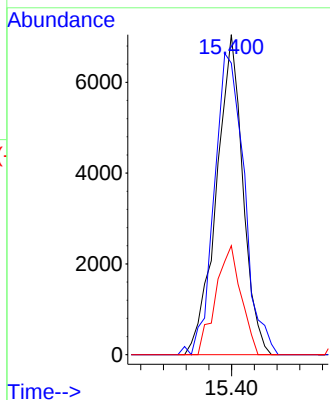
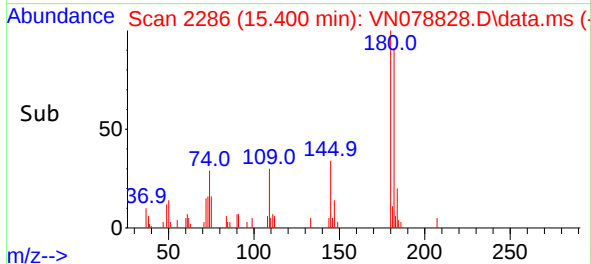
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



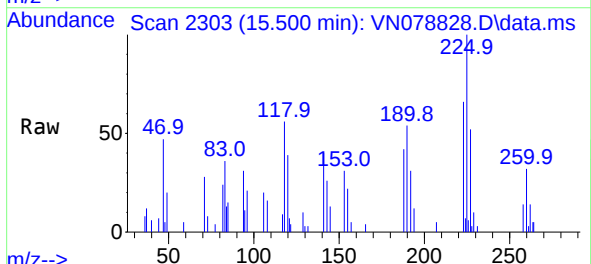
Tgt Ion:180 Resp: 11404
Ion Ratio Lower Upper
180 100
182 106.3 46.1 138.2
145 32.5 16.6 49.8

Manual Integrations
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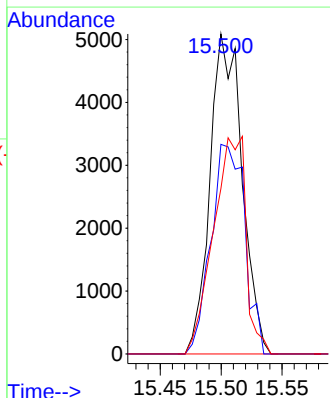
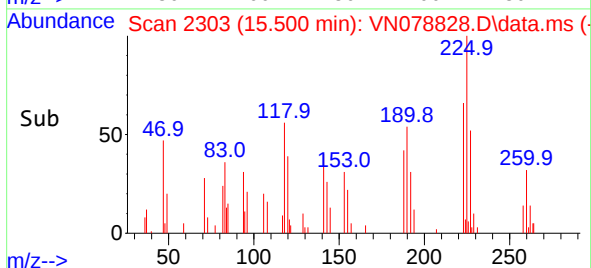
Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023

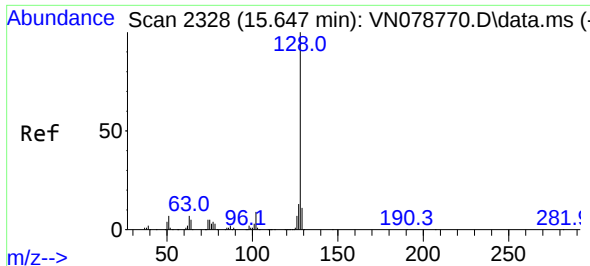


#94
Hexachlorobutadiene
Concen: 14.501 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31



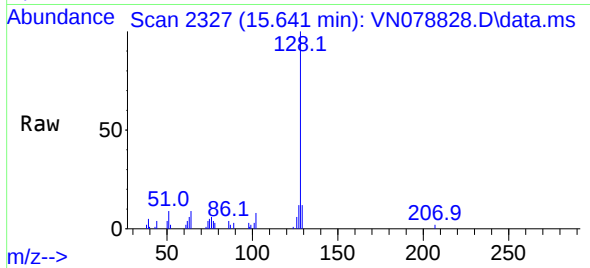
Tgt Ion:225 Resp: 9301
Ion Ratio Lower Upper
225 100
223 69.0 31.3 93.8
227 68.9 31.9 95.9





#95
Naphthalene
Concen: 12.840 ug/l
RT: 15.641 min Scan# 2328
Delta R.T. -0.006 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31

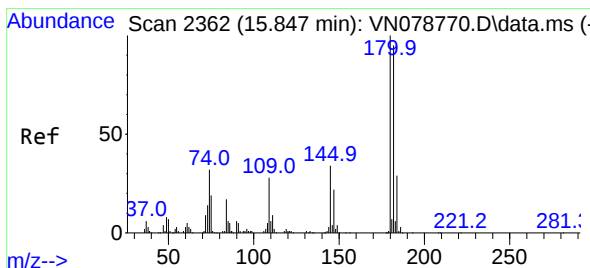
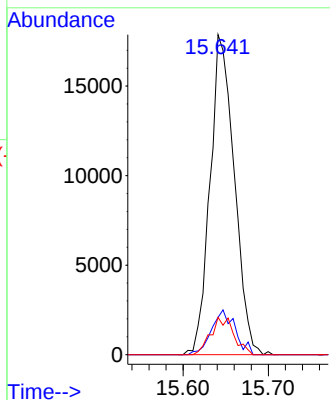
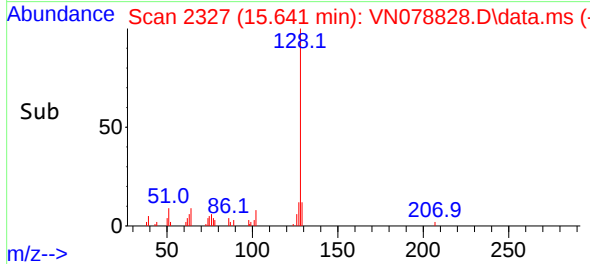
Instrument :
MSVOA_N
ClientSampleId :
VN0810WBSD01



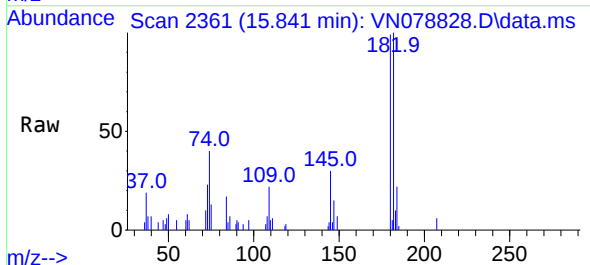
Tgt Ion:128 Resp: 35320
Ion Ratio Lower Upper
128 100
127 13.7 10.0 15.0
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/11/2023
Supervised By :Mahesh Dadoda 08/11/2023



#96
1,2,3-Trichlorobenzene
Concen: 15.139 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078828.D
Acq: 10 Aug 2023 11:31



Tgt Ion:180 Resp: 14856
Ion Ratio Lower Upper
180 100
182 89.4 46.2 138.6
145 30.9 17.5 52.6

