

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081523\
 Data File : VN078886.D
 Acq On : 15 Aug 2023 13:01
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Aug 16 02:18:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 16 02:16:33 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/16/2023
 Supervised By : Mahesh Dadoda 08/16/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	173696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	319844	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	274136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	25052	9.269	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	18.540%#		
35) Dibromofluoromethane	8.171	113	19926	9.255	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	18.500%#		
50) Toluene-d8	10.571	98	71863	8.989	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	17.980%#		
62) 4-Bromofluorobenzene	12.853	95	20709	7.925	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	15.860%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	23523	9.760	ug/l	99
3) Chloromethane	2.365	50	35153	10.447	ug/l	96
4) Vinyl Chloride	2.512	62	28680	9.719	ug/l	97
5) Bromomethane	2.959	94	17871	10.548	ug/l	98
6) Chloroethane	3.124	64	21611	10.581	ug/l	96
7) Trichlorofluoromethane	3.501	101	35002	9.738	ug/l	98
8) Diethyl Ether	3.965	74	13674	10.035	ug/l #	53
9) 1,1,2-Trichlorotrifluo...	4.377	101	18548	9.689	ug/l #	88
10) Methyl Iodide	4.595	142	19485	9.097	ug/l	97
11) Tert butyl alcohol	5.530	59	22762	50.187	ug/l #	91
12) 1,1-Dichloroethene	4.348	96	18168	9.743	ug/l	98
13) Acrolein	4.177	56	11189	43.051	ug/l	96
14) Allyl chloride	5.024	41	37332	10.059	ug/l #	89
15) Acrylonitrile	5.730	53	60557	49.286	ug/l	97
16) Acetone	4.436	43	56174	50.369	ug/l	90
17) Carbon Disulfide	4.718	76	51851	9.933	ug/l	98
18) Methyl Acetate	5.036	43	47762	10.138	ug/l #	81
19) Methyl tert-butyl Ether	5.800	73	64575	9.613	ug/l #	84
20) Methylene Chloride	5.277	84	23447	9.866	ug/l #	83
21) trans-1,2-Dichloroethene	5.789	96	20205	9.662	ug/l	88
22) Diisopropyl ether	6.683	45	76950	9.801	ug/l #	82
23) Vinyl Acetate	6.612	43	238415	46.117	ug/l #	84
24) 1,1-Dichloroethane	6.577	63	41751	9.734	ug/l	96
25) 2-Butanone	7.489	43	88579	49.540	ug/l #	69
26) 2,2-Dichloropropane	7.494	77	35321	10.187	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	25122	9.884	ug/l	90
28) Bromochloromethane	7.824	49	20571	9.041	ug/l #	76
29) Tetrahydrofuran	7.841	42	58683	49.585	ug/l #	70
30) Chloroform	7.971	83	42185	9.844	ug/l	86
31) Cyclohexane	8.265	56	36817	8.743	ug/l #	69
32) 1,1,1-Trichloroethane	8.183	97	36535	9.999	ug/l	89
36) 1,1-Dichloropropene	8.371	75	30142	9.307	ug/l	94
37) Ethyl Acetate	7.571	43	36057	9.951	ug/l #	88
38) Carbon Tetrachloride	8.371	117	31469	9.697	ug/l	94
39) Methylcyclohexane	9.612	83	25983	8.723	ug/l #	82
40) Benzene	8.612	78	89891	9.390	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	18700	9.475	ug/l #	80
42) 1,2-Dichloroethane	8.677	62	33709	9.425	ug/l	96
43) Isopropyl Acetate	8.694	43	62390	9.741	ug/l #	83
44) Trichloroethene	9.359	130	21795	9.582	ug/l	98
45) 1,2-Dichloropropane	9.624	63	24117	9.462	ug/l	100
46) Dibromomethane	9.718	93	16687	9.546	ug/l	96
47) Bromodichloromethane	9.894	83	32469	9.406	ug/l	92
48) Methyl methacrylate	9.688	41	26986	9.298	ug/l #	73
49) 1,4-Dioxane	9.700	88	9211	186.326	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	180674	47.562	ug/l #	84
52) Toluene	10.635	92	54128	9.210	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	34241	9.250	ug/l	92
54) cis-1,3-Dichloropropene	10.318	75	38543	9.560	ug/l #	83
55) 1,1,2-Trichloroethane	11.018	97	22548	9.568	ug/l	88
56) Ethyl methacrylate	10.877	69	31632	8.659	ug/l #	65
57) 1,3-Dichloropropane	11.171	76	40176	9.531	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	77398	44.138	ug/l #	86
59) 2-Hexanone	11.200	43	126167	45.856	ug/l	83
60) Dibromochloromethane	11.365	129	22315	8.998	ug/l	95
61) 1,2-Dibromoethane	11.477	107	22470	9.383	ug/l	96
64) Tetrachloroethene	11.106	164	16426	9.555	ug/l	88
65) Chlorobenzene	11.900	112	56960	9.761	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	21136	9.584	ug/l	98
67) Ethyl Benzene	11.965	91	97862	9.222	ug/l	100
68) m/p-Xylenes	12.076	106	72795	18.348	ug/l	94
69) o-Xylene	12.400	106	35244	9.132	ug/l	91
70) Styrene	12.418	104	56654	8.803	ug/l	97
71) Bromoform	12.582	173	14391	8.976	ug/l #	99
73) Isopropylbenzene	12.700	105	89010	10.319	ug/l	99
74) N-amyl acetate	12.500	43	43748	10.047	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.941	83	34116	10.953	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	28344m	7.384	ug/l	
77) Bromobenzene	12.982	156	21279	10.263	ug/l	93
78) n-propylbenzene	13.041	91	99880	9.985	ug/l	96
79) 2-Chlorotoluene	13.129	91	63782	10.279	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	68882	10.076	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.747	75	9991	10.239	ug/l #	77
82) 4-Chlorotoluene	13.223	91	59537	9.806	ug/l	100
83) tert-Butylbenzene	13.441	119	60438	10.523	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	67491	9.971	ug/l	97
85) sec-Butylbenzene	13.623	105	82327	10.415	ug/l	96
86) p-Isopropyltoluene	13.735	119	60960	9.653	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	35654	9.993	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	35684	9.992	ug/l	95
89) n-Butylbenzene	14.059	91	49124	9.452	ug/l	97
90) Hexachloroethane	14.335	117	13238	10.457	ug/l	95
91) 1,2-Dichlorobenzene	14.112	146	34909	9.839	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	6409	8.876	ug/l	91
93) 1,2,4-Trichlorobenzene	15.406	180	10961	8.714	ug/l	97
94) Hexachlorobutadiene	15.506	225	7213	9.589	ug/l	95
95) Naphthalene	15.647	128	36377	9.812	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	13579	9.857	ug/l	97

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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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ClientSampleId :

VSTDIC010

Manual Integrations

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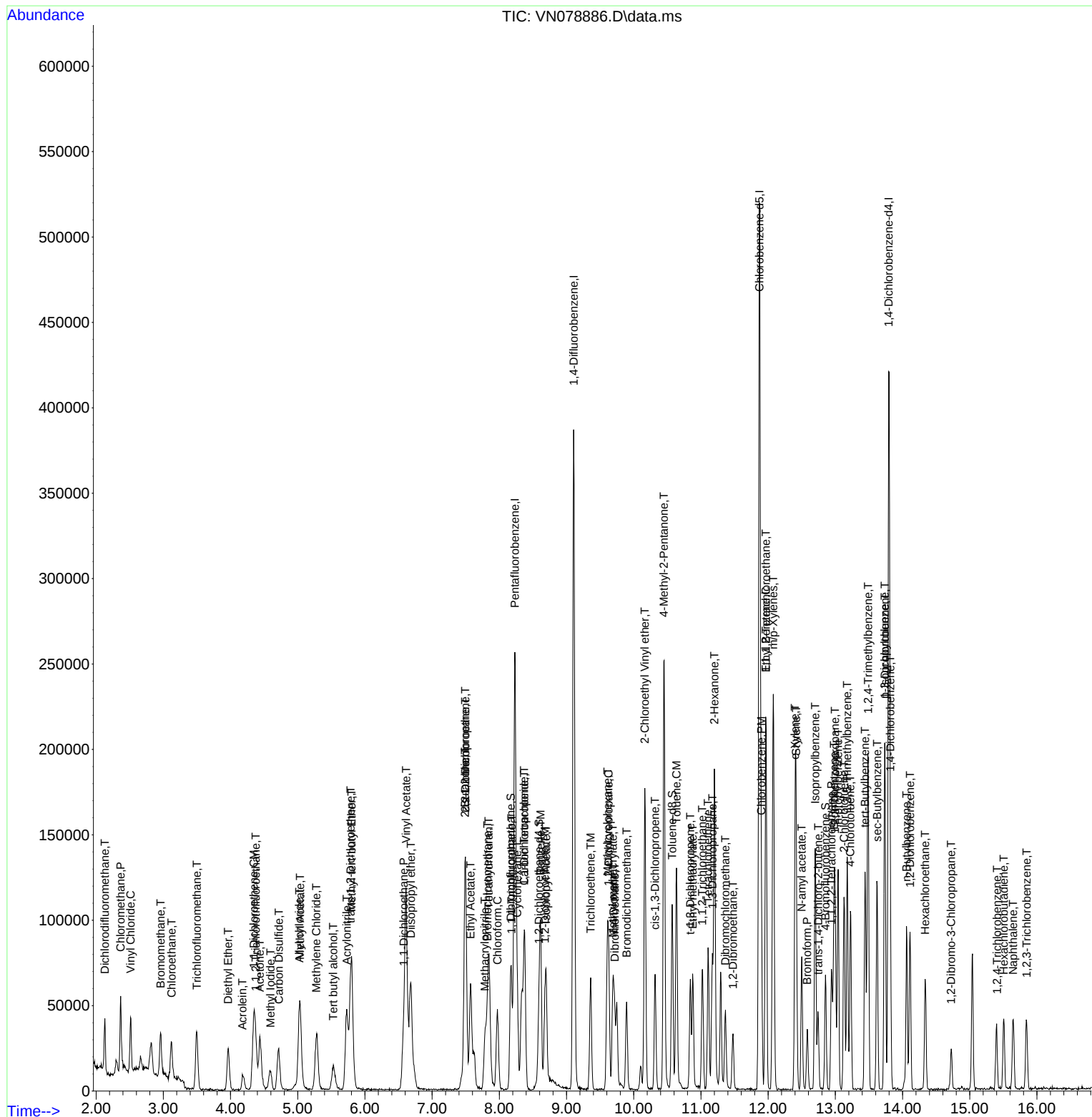
Quant Time: Aug 16 02:18:33 2023

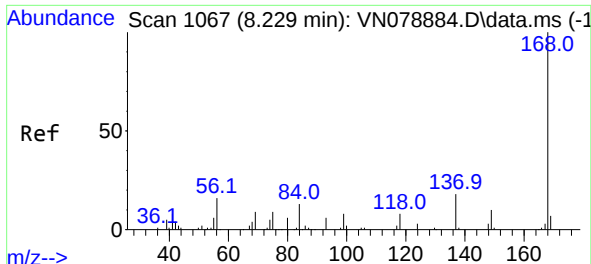
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081523W.M

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QLast Update : Wed Aug 16 02:16:33 2023

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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

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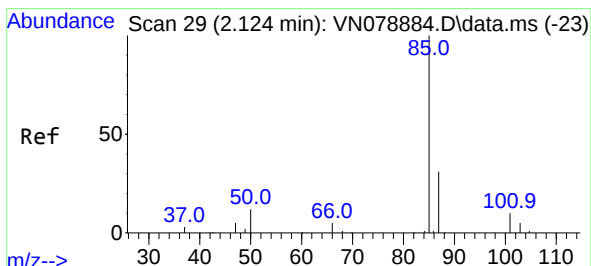
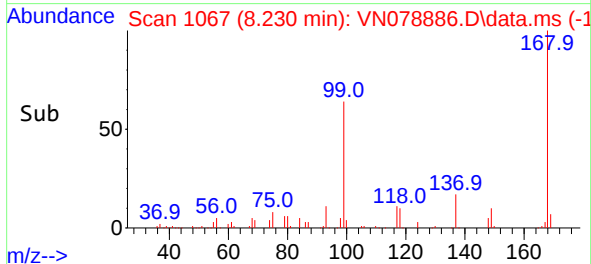
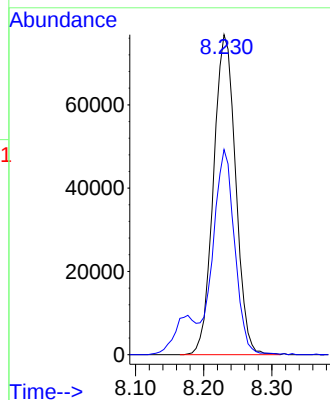
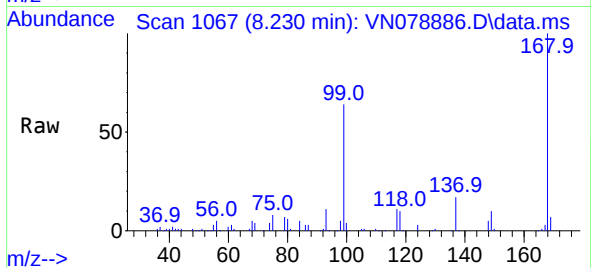
VSTDICC010

Tgt Ion:168 Resp: 173690
Ion Ratio Lower Upper
168 100
99 63.9 53.0 79.6

Manual Integrations

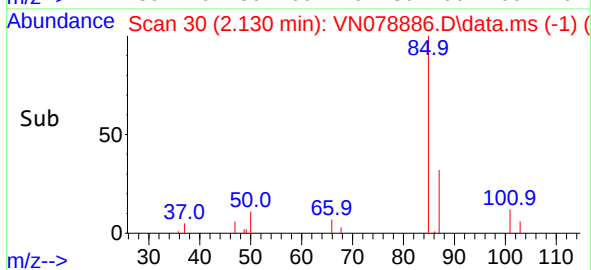
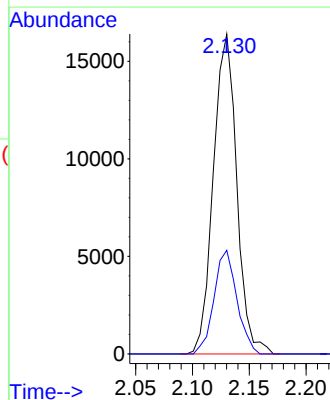
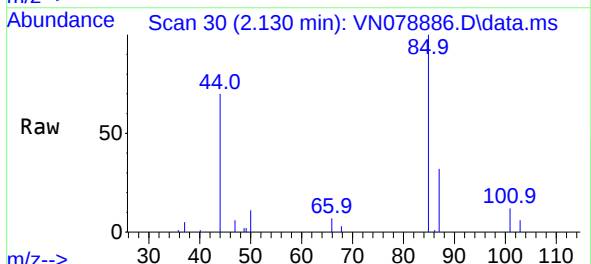
APPROVED

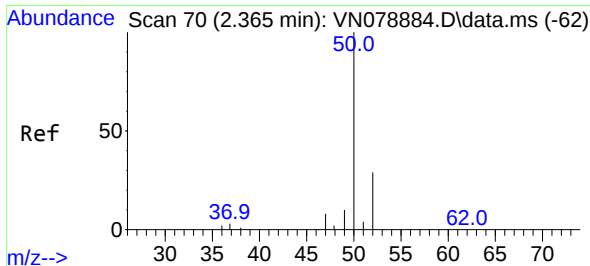
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#2
Dichlorodifluoromethane
Concen: 9.760 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

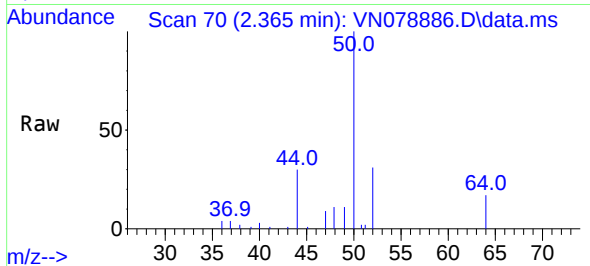
Tgt Ion: 85 Resp: 23523
Ion Ratio Lower Upper
85 100
87 32.4 15.8 47.4





#3
Chloromethane
Concen: 10.447 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

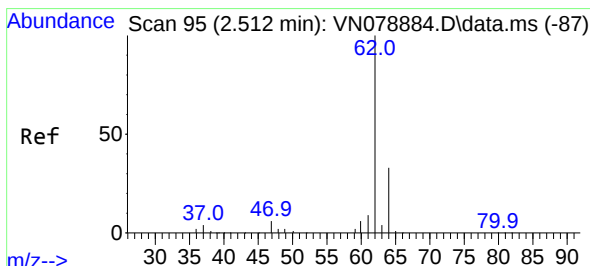
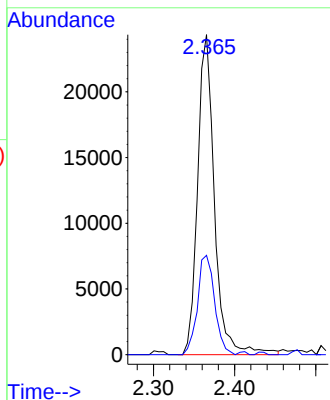
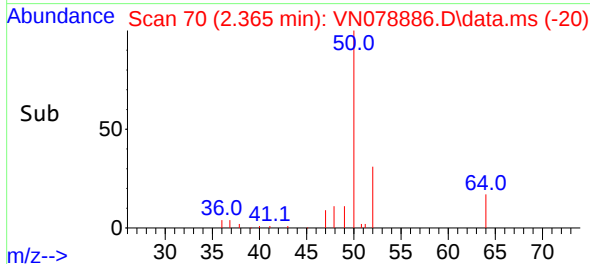
Instrument :
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Tgt Ion: 50 Resp: 3515
Ion Ratio Lower Upper
50 100
52 31.1 26.5 39.7

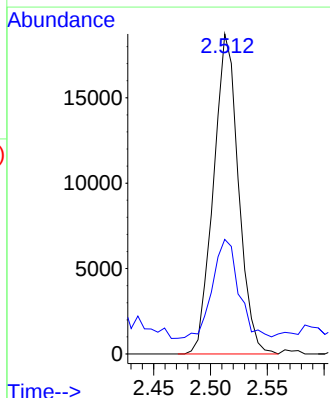
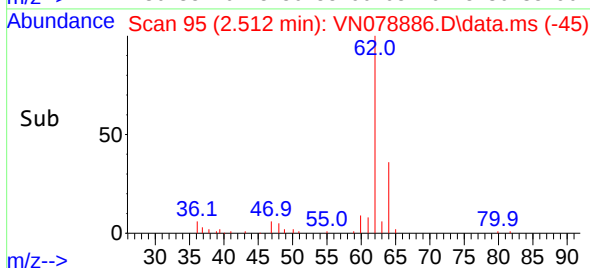
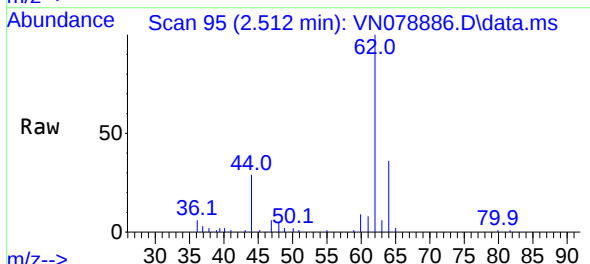
Manual Integrations
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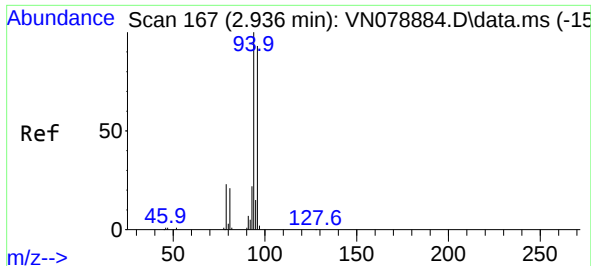
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#4
Vinyl Chloride
Concen: 9.719 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

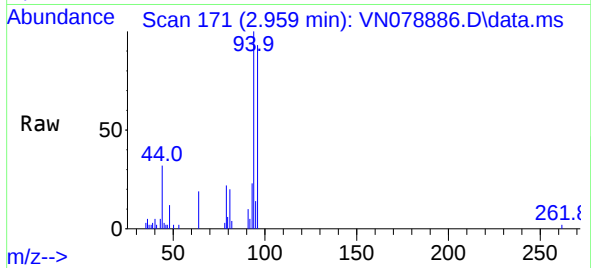
Tgt Ion: 62 Resp: 28680
Ion Ratio Lower Upper
62 100
64 30.9 26.2 39.2





#5
Bromomethane
Concen: 10.548 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.011 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

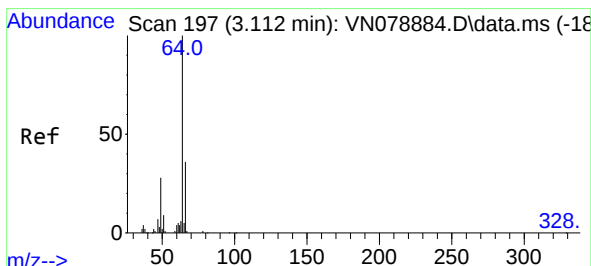
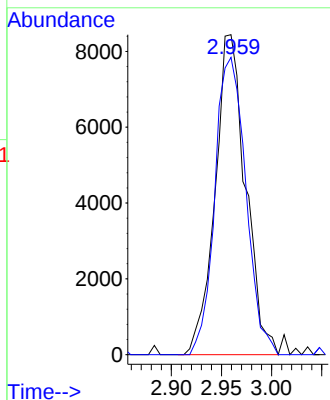
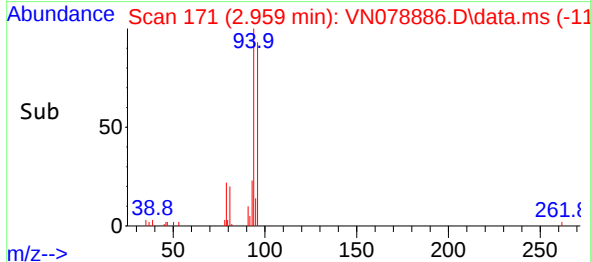
Instrument :
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Tgt Ion: 94 Resp: 1787
Ion Ratio Lower Upper
94 100
96 92.9 73.1 109.7

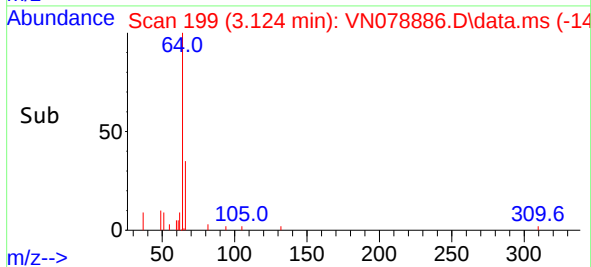
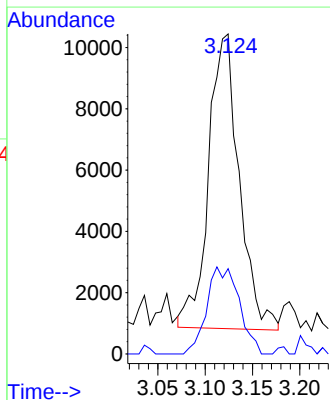
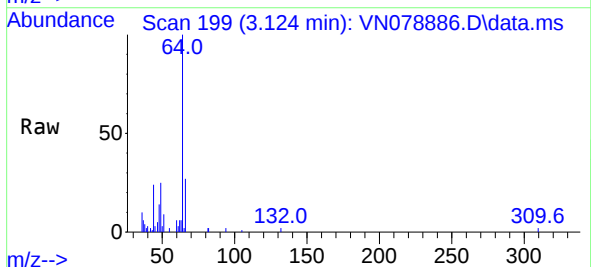
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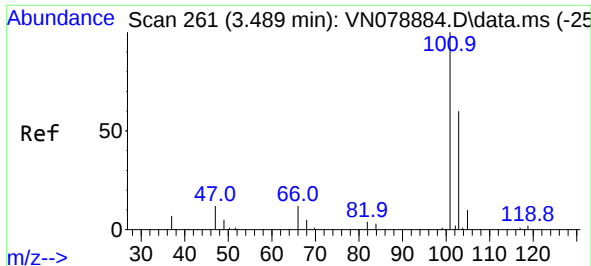
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#6
Chloroethane
Concen: 10.581 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

Tgt Ion: 64 Resp: 21611
Ion Ratio Lower Upper
64 100
66 29.5 25.4 38.2





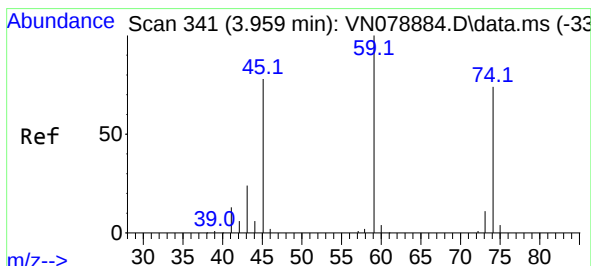
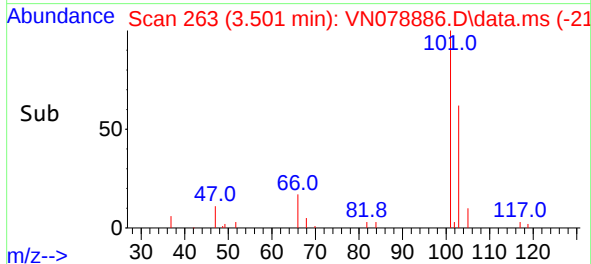
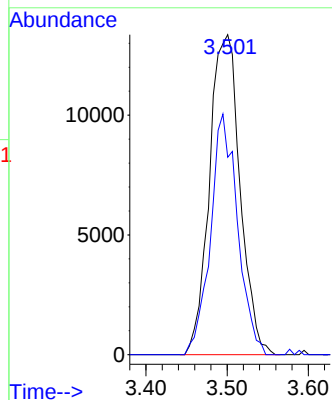
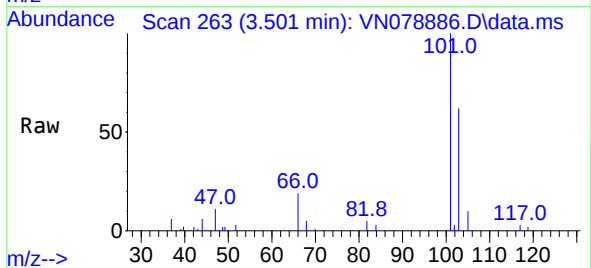
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Trichlorofluoromethane
Concen: 9.738 ug/l
RT: 3.501 min Scan# 210
Delta R.T. -0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 3500
Ion Ratio Lower Upper
101 100
103 61.7 50.7 76.1

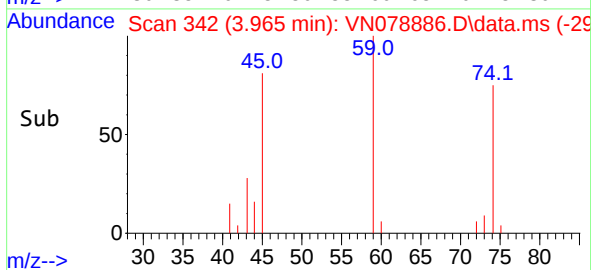
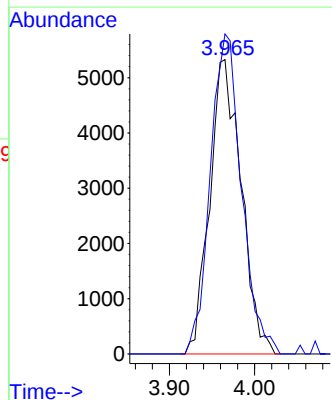
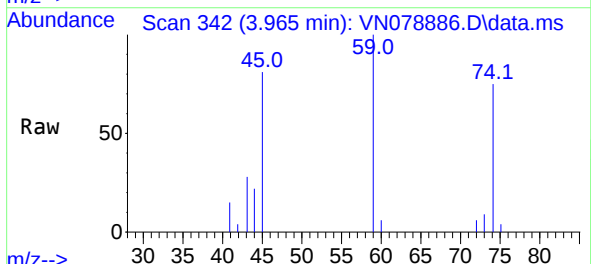
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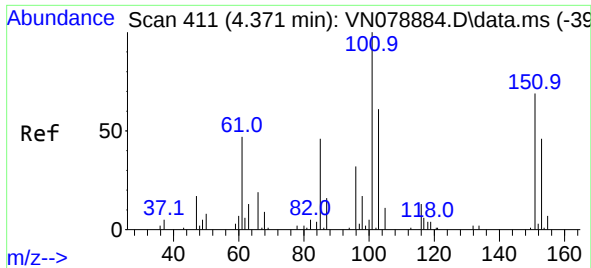
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#8
Diethyl Ether
Concen: 10.035 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

Tgt Ion: 74 Resp: 13674
Ion Ratio Lower Upper
74 100
45 107.5 34.4 103.3#





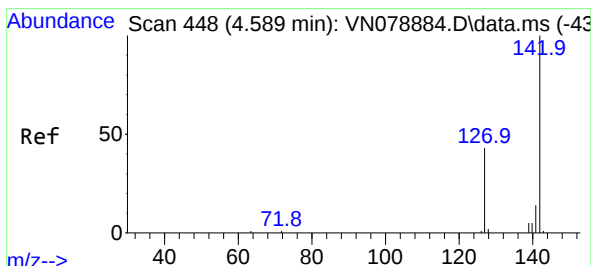
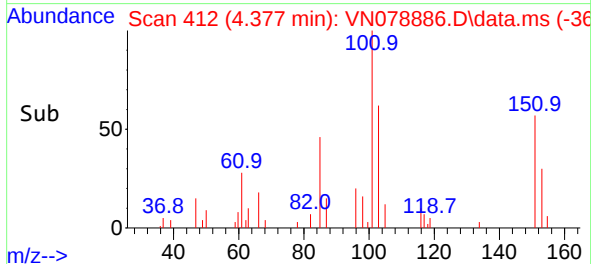
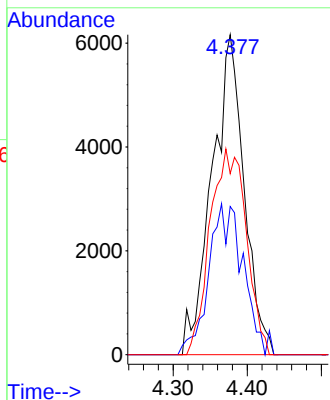
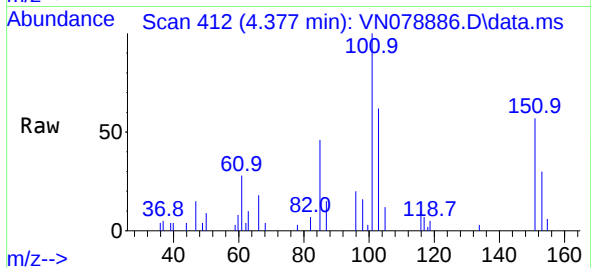
#9
1,1,2-Trichlorotrifluoroethane
Concen: 9.689 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:101 Resp: 1854
Ion Ratio Lower Upper
101 100
85 26.6 36.6 55.0
151 72.3 57.6 86.4

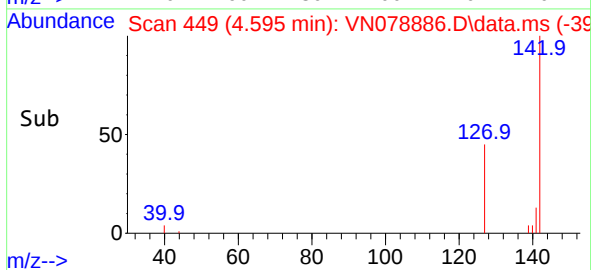
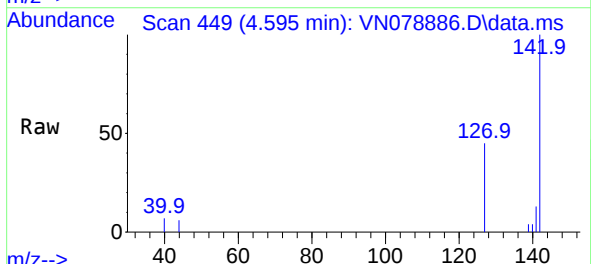
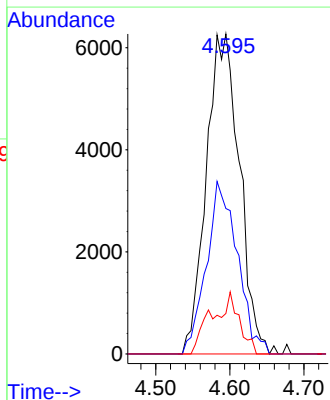
Manual Integrations
APPROVED

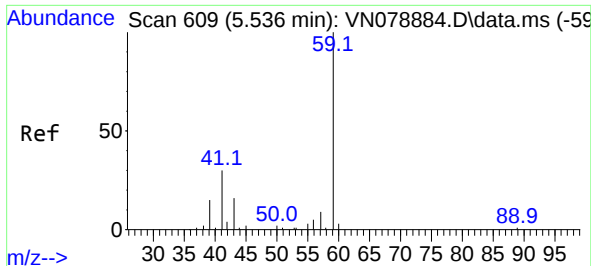
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#10
Methyl Iodide
Concen: 9.097 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

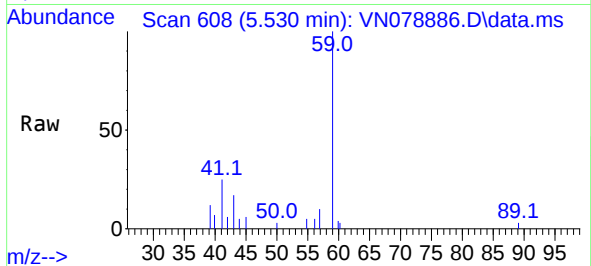
Tgt Ion:142 Resp: 19485
Ion Ratio Lower Upper
142 100
127 45.4 37.6 56.4
141 12.7 11.4 17.0





#11
Tert butyl alcohol
Concen: 50.187 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

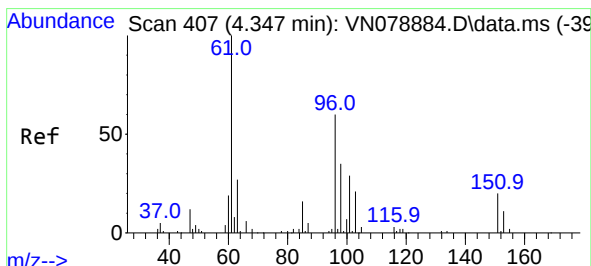
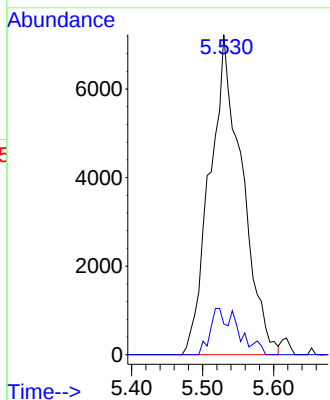
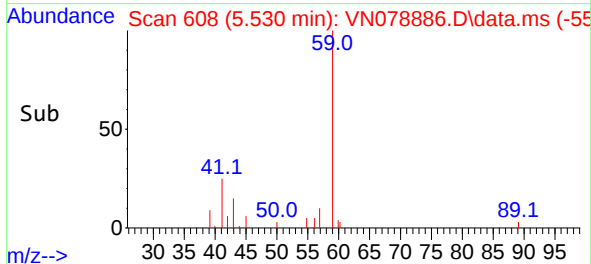
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



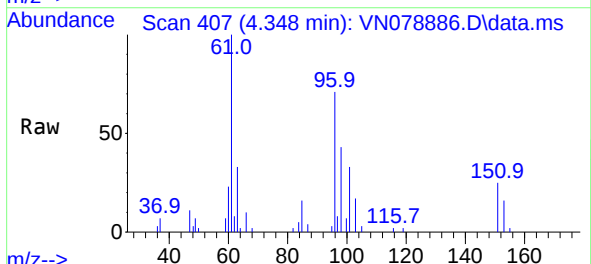
Tgt Ion: 59 Resp: 22762
Ion Ratio Lower Upper
59 100
57 7.1 8.2 12.4

Manual Integrations
APPROVED

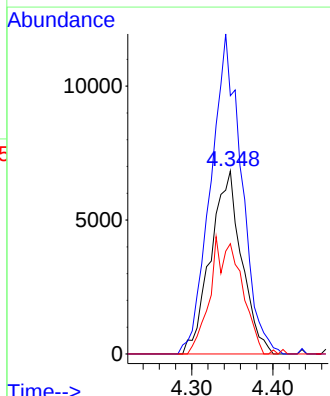
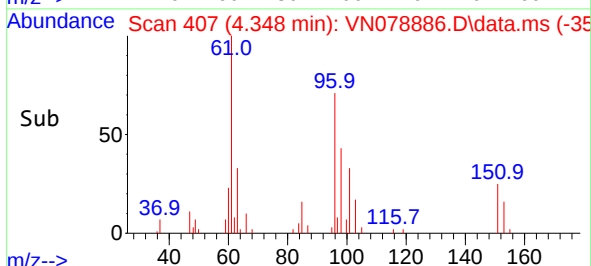
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

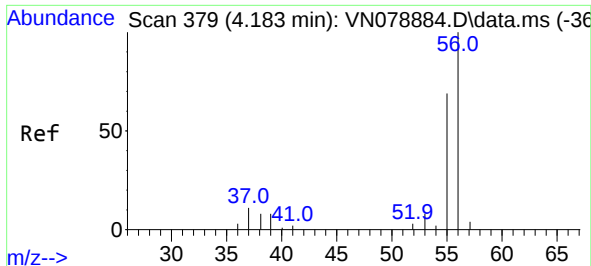


#12
1,1-Dichloroethene
Concen: 9.743 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01



Tgt Ion: 96 Resp: 18168
Ion Ratio Lower Upper
96 100
61 141.1 112.7 169.1
98 60.3 51.2 76.8





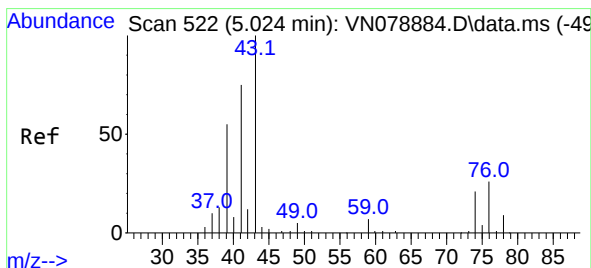
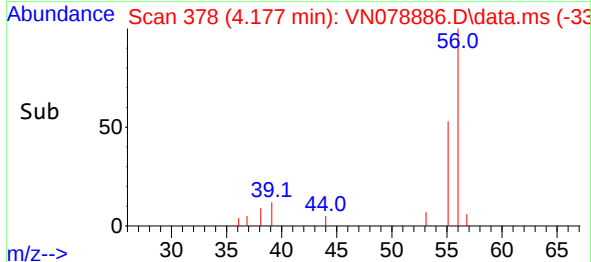
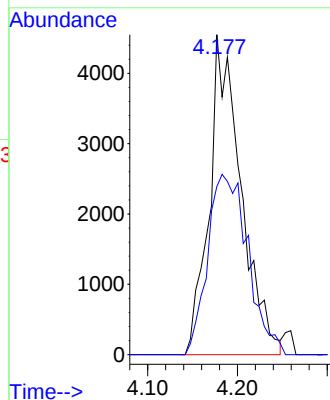
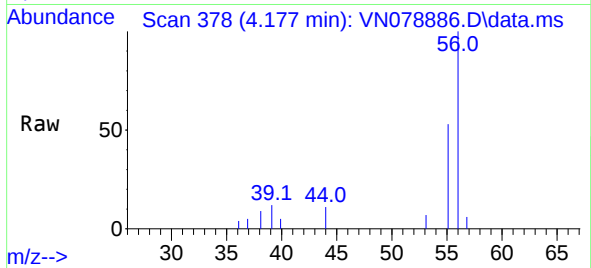
#13
Acrolein
Concen: 43.051 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.018 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 56 Resp: 11189
Ion Ratio Lower Upper
56 100
55 71.1 54.5 81.7

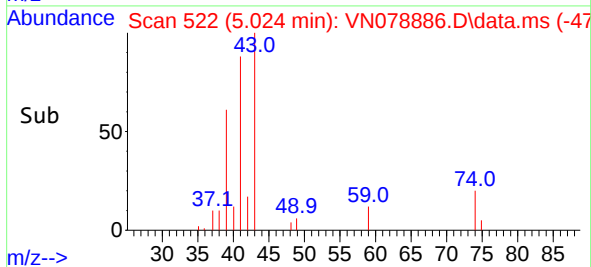
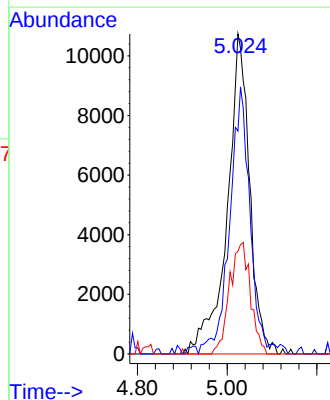
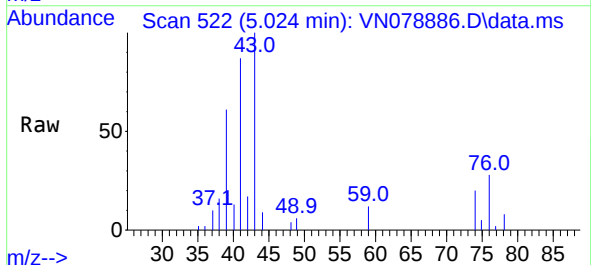
Manual Integrations
APPROVED

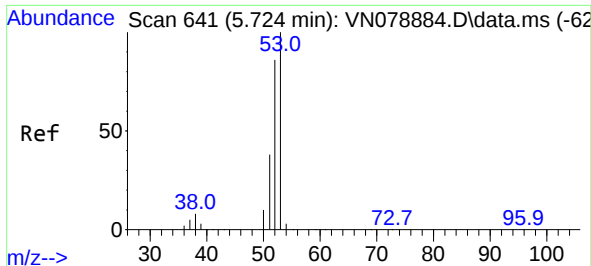
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#14
Allyl chloride
Concen: 10.059 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

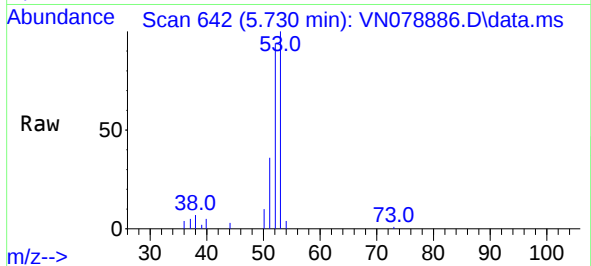
Tgt Ion: 41 Resp: 37332
Ion Ratio Lower Upper
41 100
39 74.9 58.8 88.2
76 32.5 39.1 58.7#





#15
Acrylonitrile
Concen: 49.286 ug/l
RT: 5.730 min Scan# 641
Delta R.T. -0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

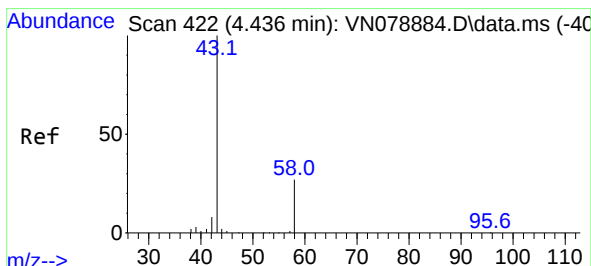
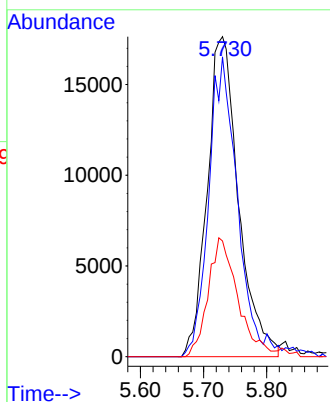
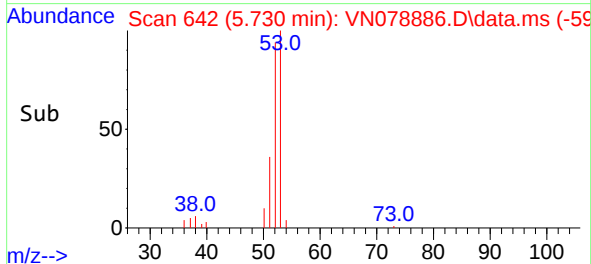
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



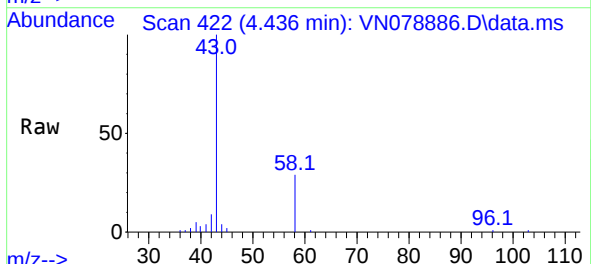
Tgt Ion: 53 Resp: 6055
Ion Ratio Lower Upper
53 100
52 84.4 65.3 97.9
51 35.3 28.9 43.3

Manual Integrations
APPROVED

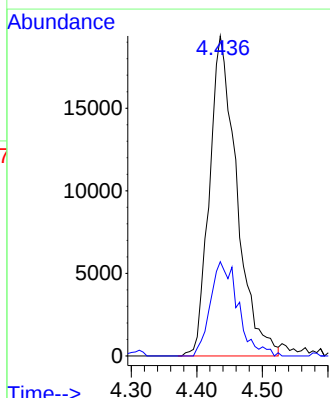
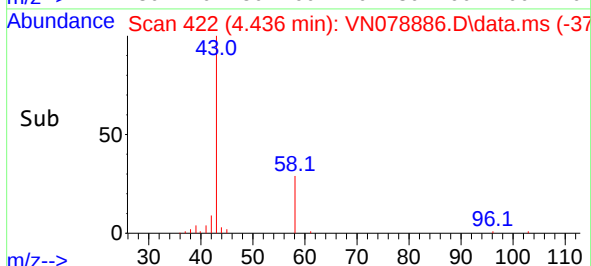
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

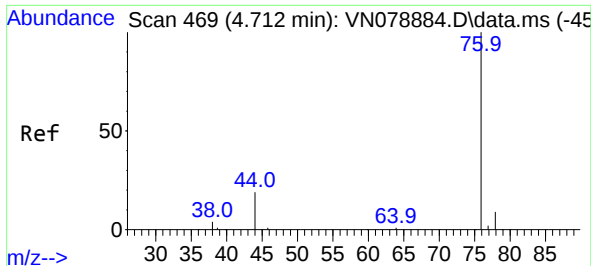


#16
Acetone
Concen: 50.369 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01



Tgt Ion: 43 Resp: 56174
Ion Ratio Lower Upper
43 100
58 29.5 28.0 42.0





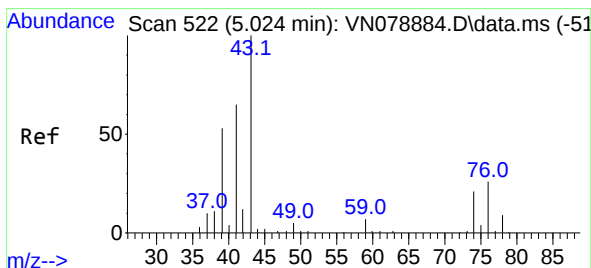
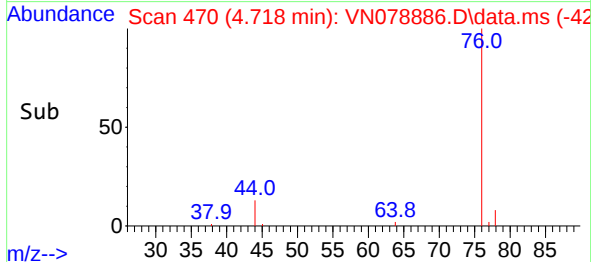
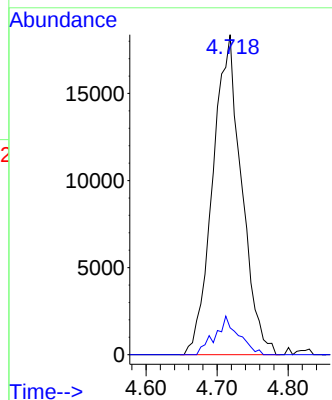
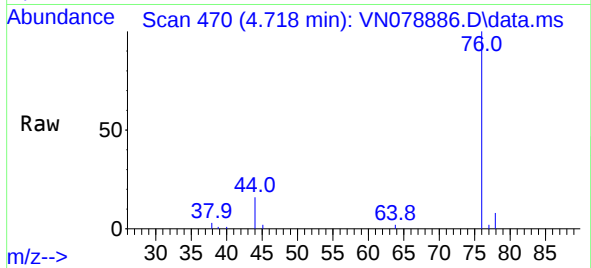
#17
Carbon Disulfide
Concen: 9.933 ug/l
RT: 4.718 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 76 Resp: 5185
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0

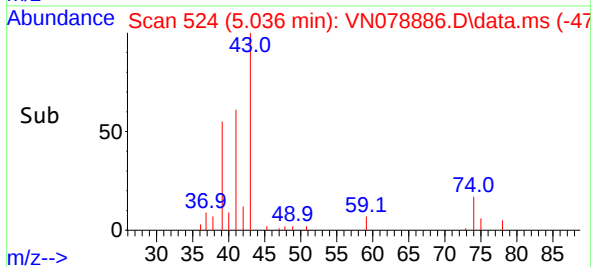
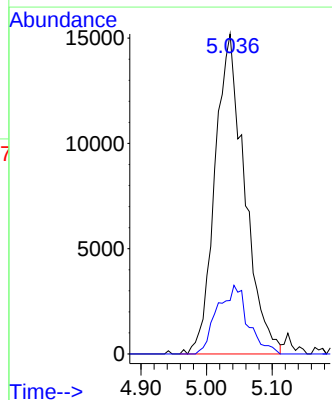
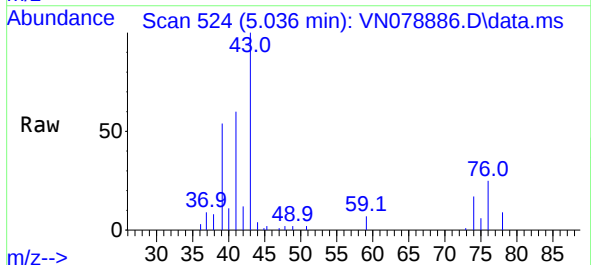
Manual Integrations
APPROVED

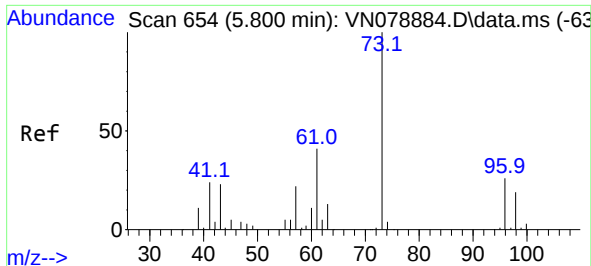
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#18
Methyl Acetate
Concen: 10.138 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

Tgt Ion: 43 Resp: 47762
Ion Ratio Lower Upper
43 100
74 22.2 26.2 39.4#





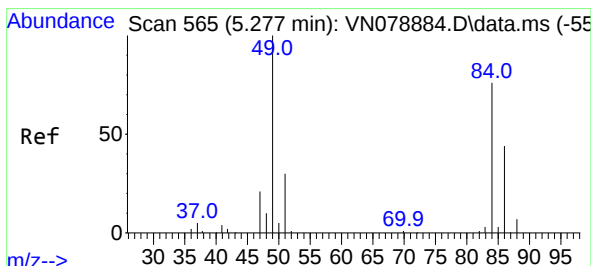
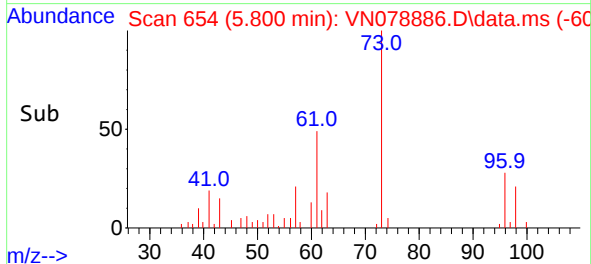
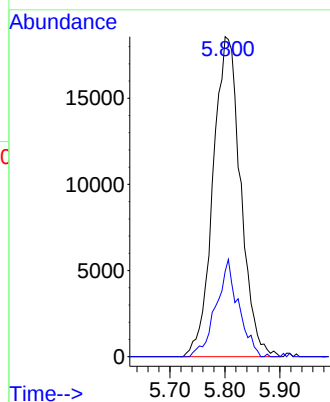
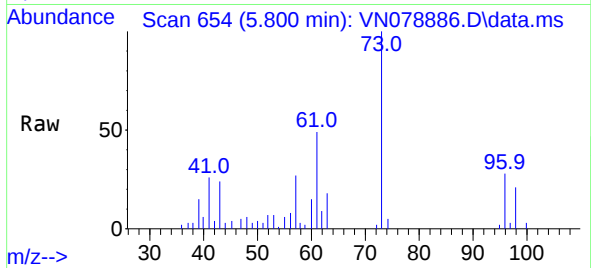
#19
Methyl tert-butyl Ether
Concen: 9.613 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 73 Resp: 6457
Ion Ratio Lower Upper
73 100
57 26.7 15.6 23.4

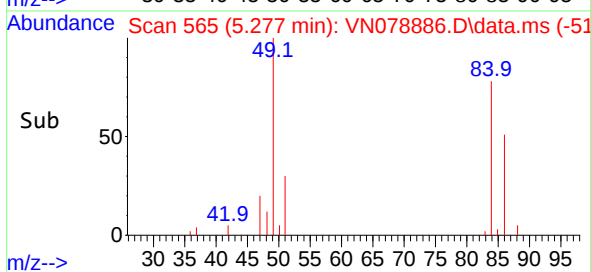
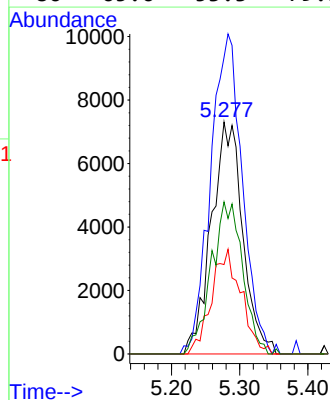
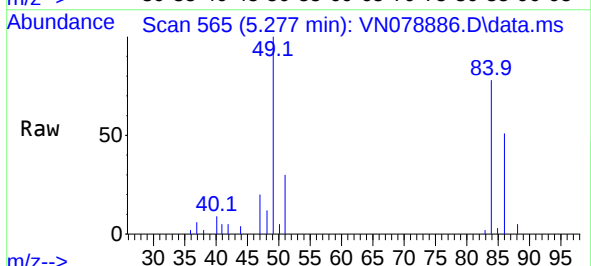
Manual Integrations
APPROVED

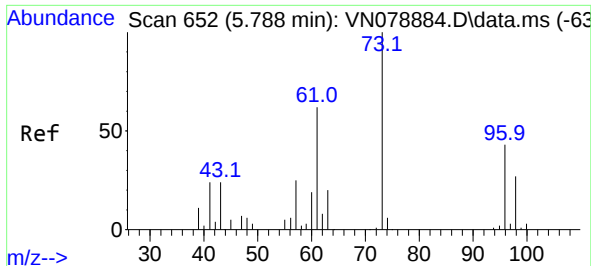
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#20
Methylene Chloride
Concen: 9.866 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

Tgt Ion: 84 Resp: 23447
Ion Ratio Lower Upper
84 100
49 127.9 79.7 119.5#
51 38.6 25.2 37.8#
86 65.6 53.3 79.9





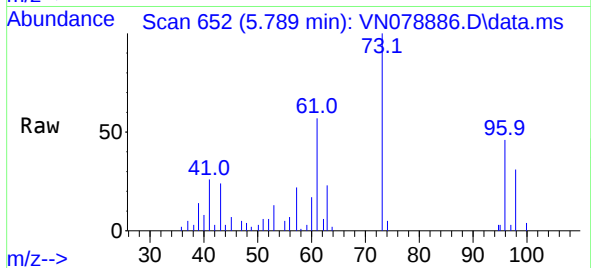
#21
trans-1,2-Dichloroethene
Concen: 9.662 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

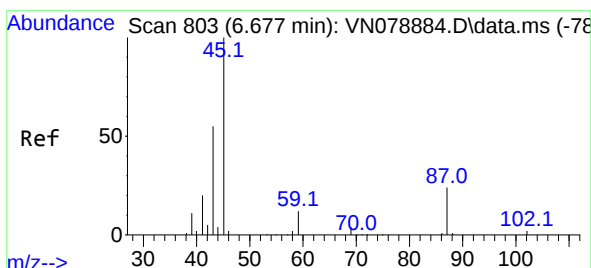
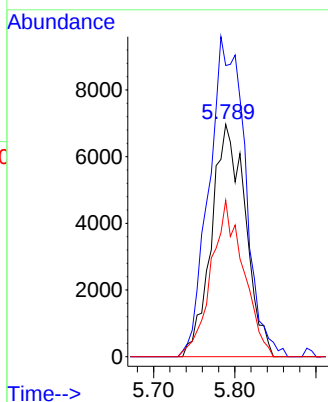
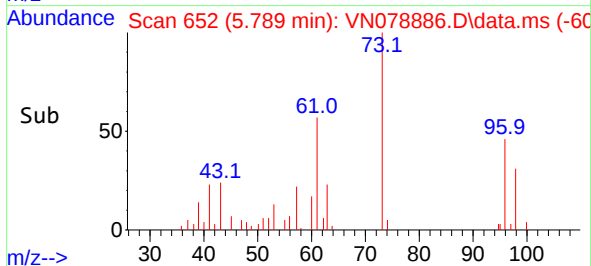


Tgt Ion: 96 Resp: 2020
Ion Ratio Lower Upper
96 100
61 125.3 90.1 135.1
98 67.3 46.4 69.6

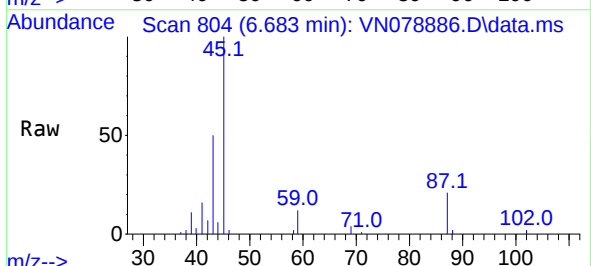
Manual Integrations

APPROVED

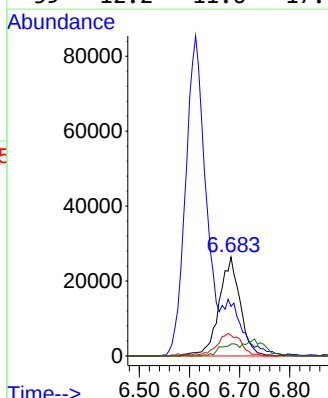
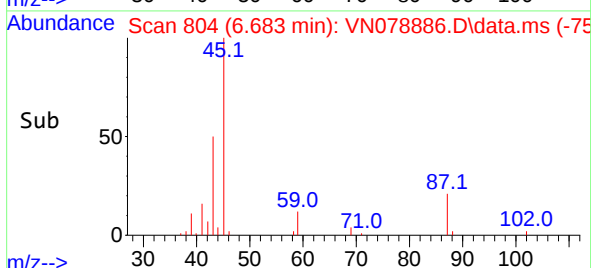
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

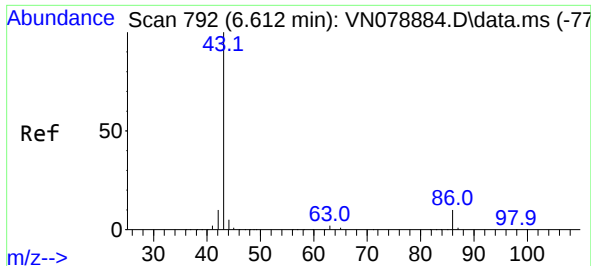


#22
Diisopropyl ether
Concen: 9.801 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.006 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01



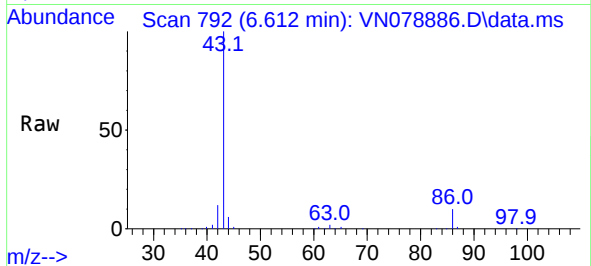
Tgt Ion: 45 Resp: 76950
Ion Ratio Lower Upper
45 100
43 47.9 45.5 68.3
87 20.7 31.8 47.8#
59 12.2 11.6 17.4





#23
 Vinyl Acetate
 Concen: 46.117 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078886.D
 Acq: 15 Aug 2023 13:01

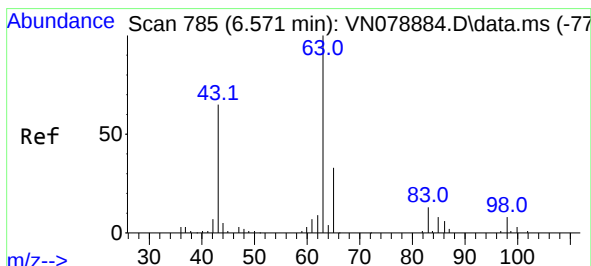
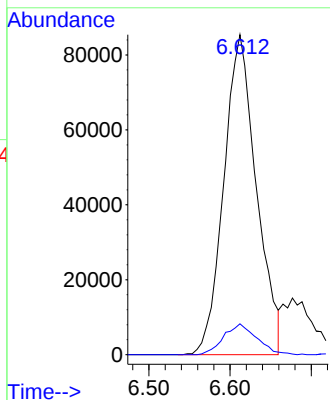
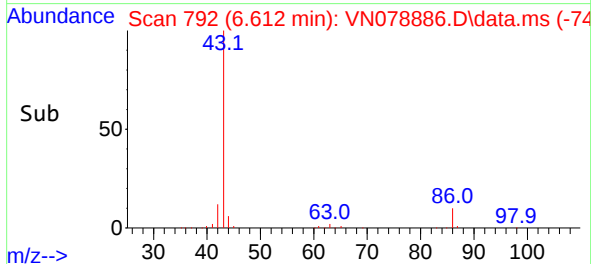
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010



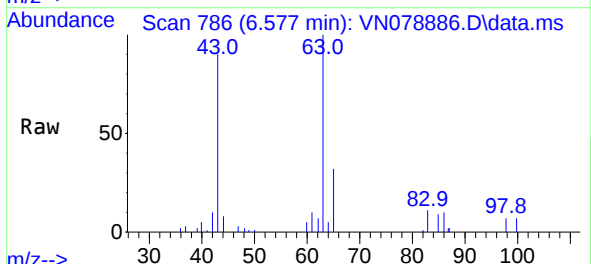
Tgt Ion: 43 Resp: 238415
 Ion Ratio Lower Upper
 43 100
 86 9.7 13.0 19.6

Manual Integrations
 APPROVED

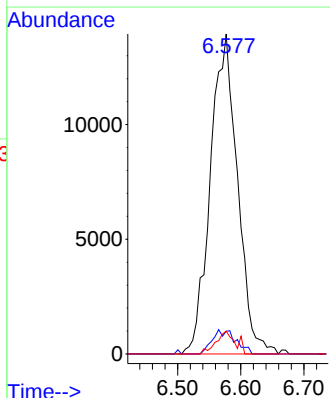
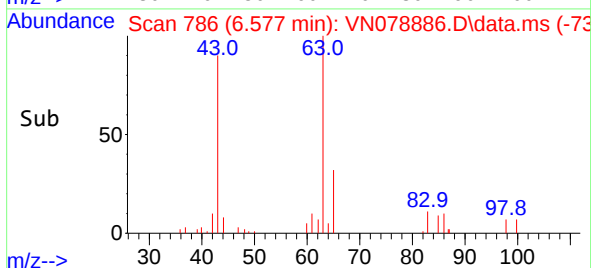
Reviewed By :John Carlone 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023

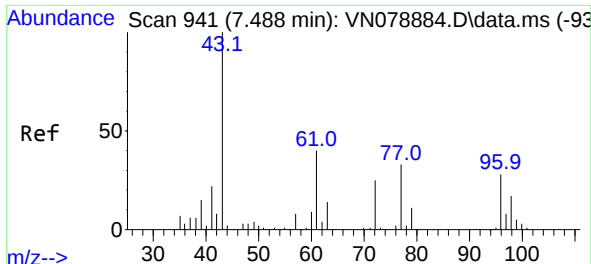


#24
 1,1-Dichloroethane
 Concen: 9.734 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078886.D
 Acq: 15 Aug 2023 13:01



Tgt Ion: 63 Resp: 41751
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 7.1 2.5 7.4





#25

2-Butanone

Concen: 49.540 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.005 min

Lab File: VN078886.D

Acq: 15 Aug 2023 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 88579

Ion Ratio Lower Upper

43 100

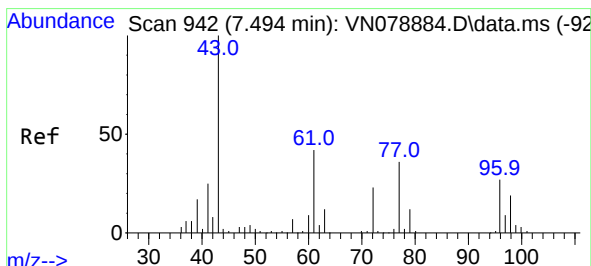
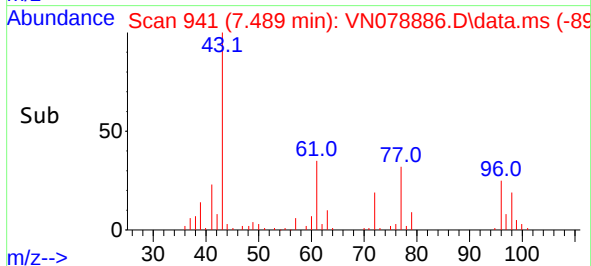
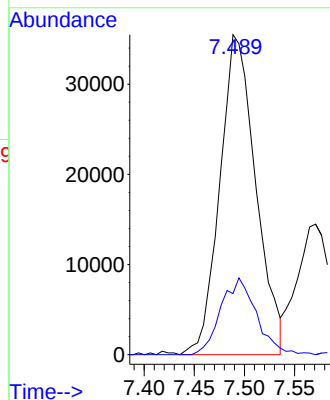
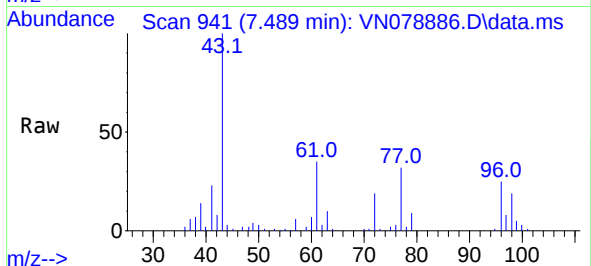
72 19.1 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#26

2,2-Dichloropropane

Concen: 10.187 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.006 min

Lab File: VN078886.D

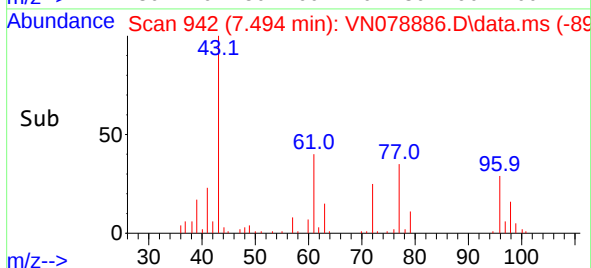
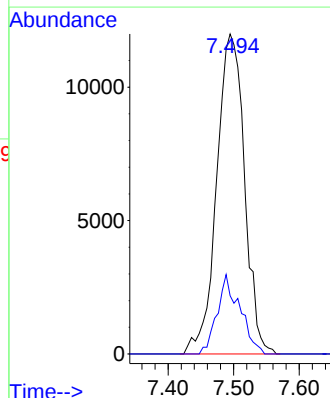
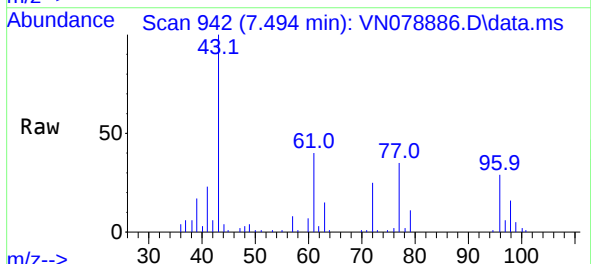
Acq: 15 Aug 2023 13:01

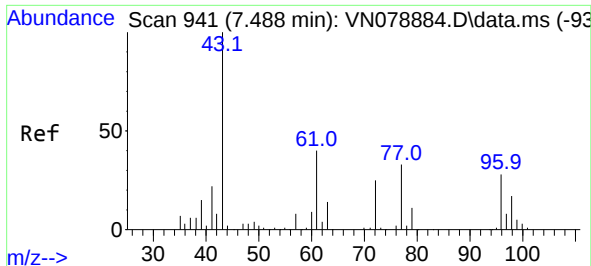
Tgt Ion: 77 Resp: 35321

Ion Ratio Lower Upper

77 100

97 20.3 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 9.884 ug/l
RT: 7.494 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

Instrument :

MSVOA_N

ClientSampleId :

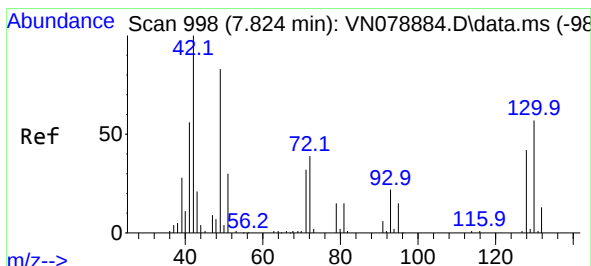
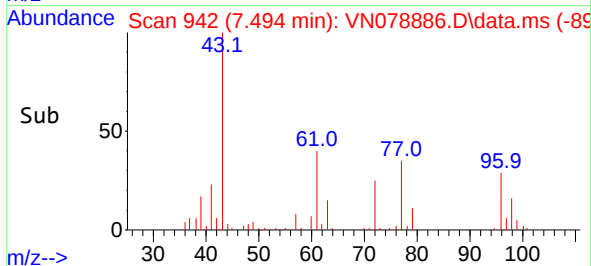
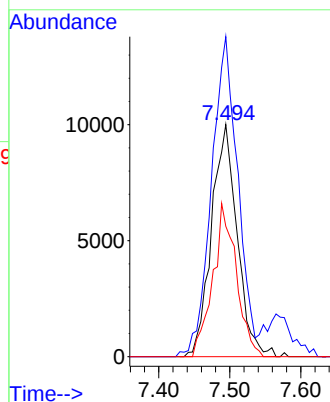
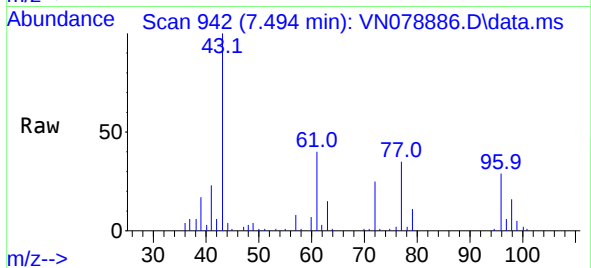
VSTDIC010

Tgt Ion: 96 Resp: 2512
Ion Ratio Lower Upper
96 100
61 142.3 0.0 255.2
98 60.3 0.0 128.8

Manual Integrations

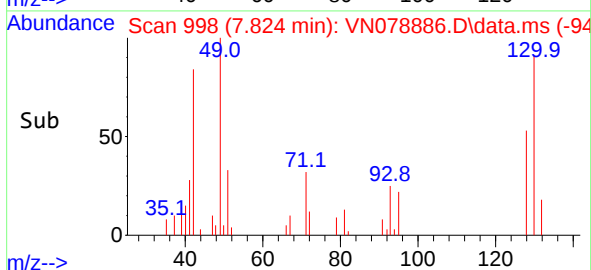
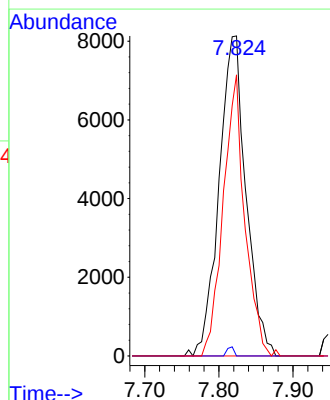
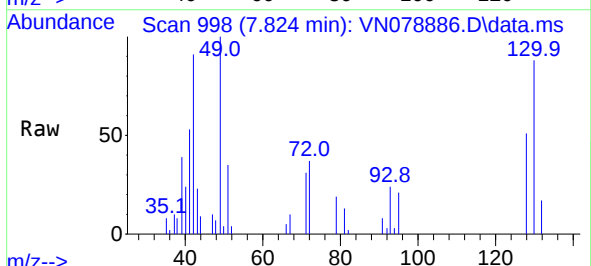
APPROVED

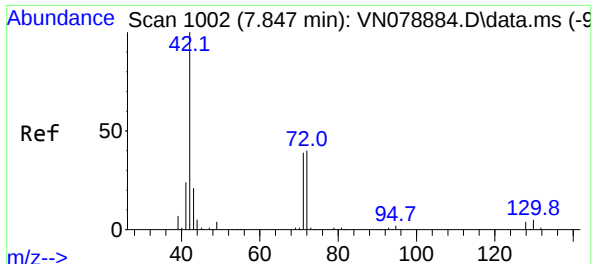
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#28
Bromochloromethane
Concen: 9.041 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

Tgt Ion: 49 Resp: 20571
Ion Ratio Lower Upper
49 100
129 0.7 0.0 4.8
130 70.4 75.3 112.9#





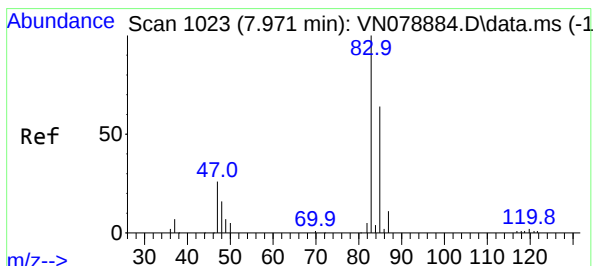
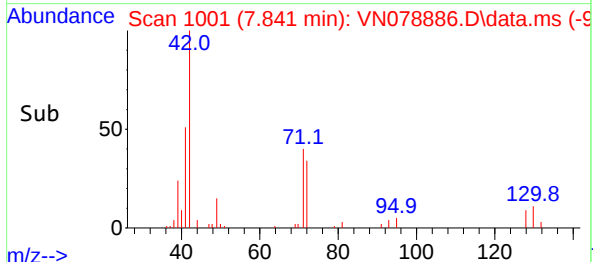
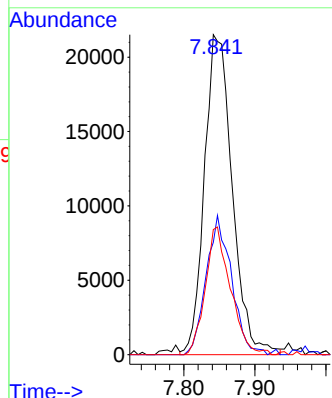
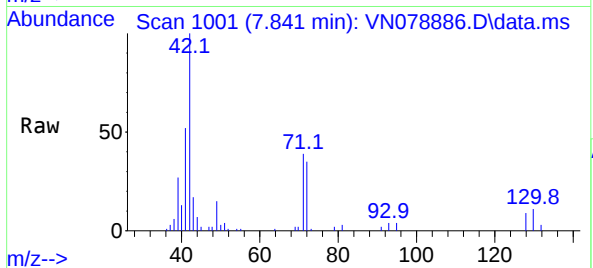
#29
Tetrahydrofuran
Concen: 49.585 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. -0.006 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 42 Resp: 5868
Ion Ratio Lower Upper
42 100
72 39.5 49.8 74.6
71 36.1 47.4 71.2

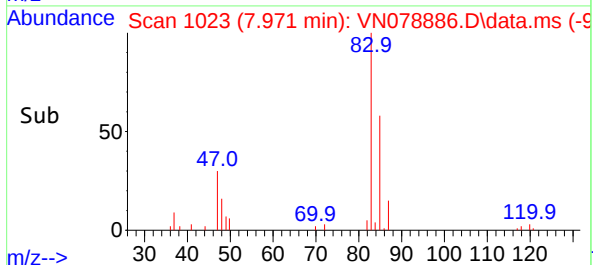
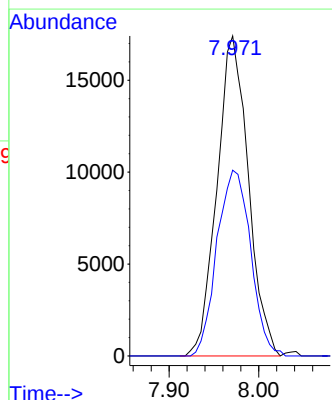
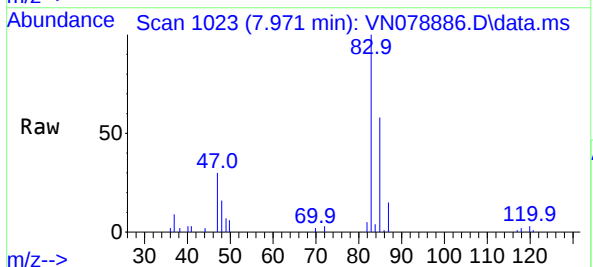
Manual Integrations
APPROVED

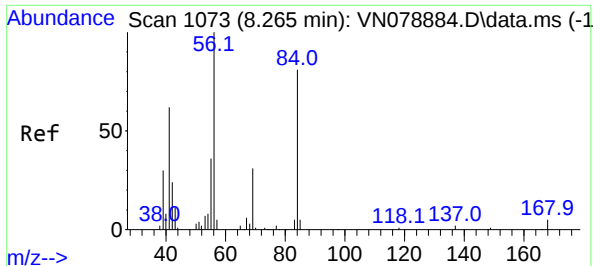
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#30
Chloroform
Concen: 9.844 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

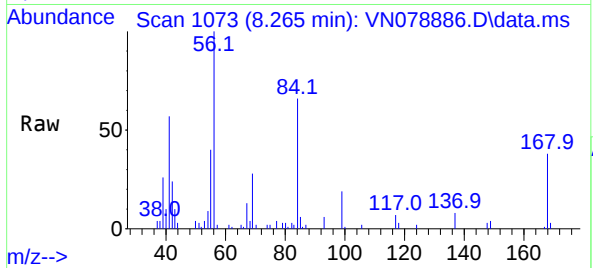
Tgt Ion: 83 Resp: 42185
Ion Ratio Lower Upper
83 100
85 58.1 55.4 83.0





#31
Cyclohexane
Concen: 8.743 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

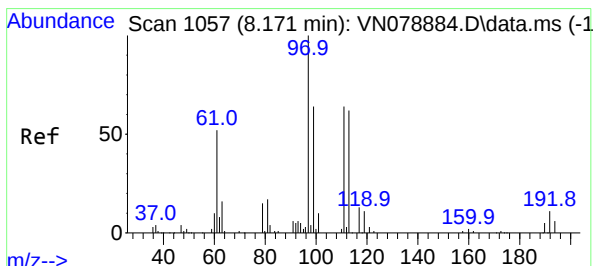
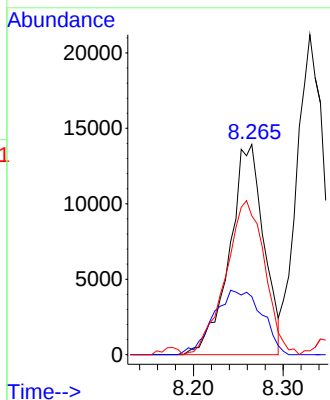
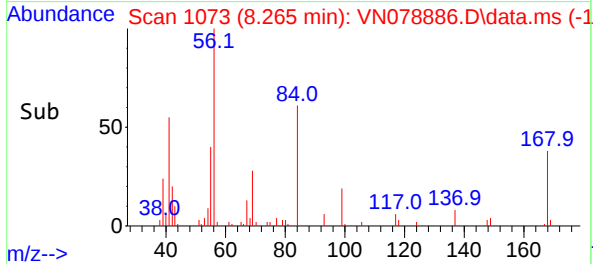
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



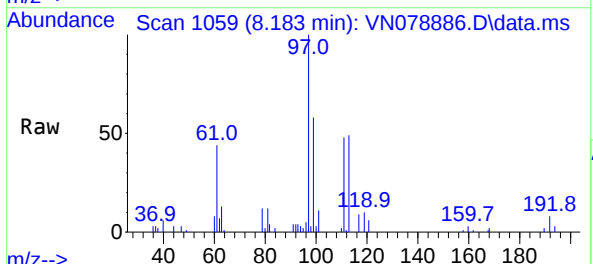
Tgt Ion: 56 Resp: 3681
Ion Ratio Lower Upper
56 100
69 27.7 26.8 40.2
84 63.6 81.8 122.6

Manual Integrations
APPROVED

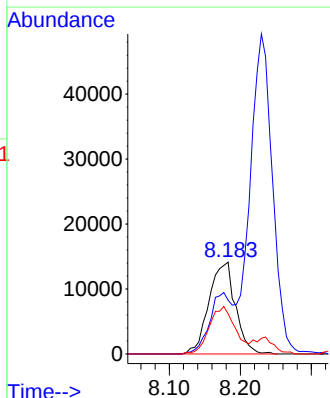
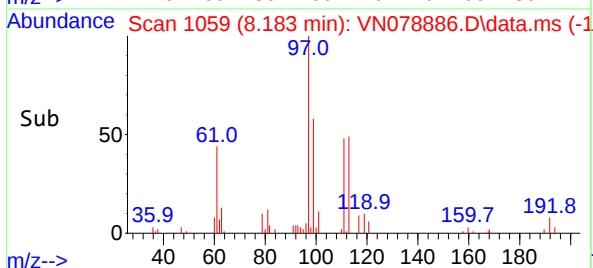
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

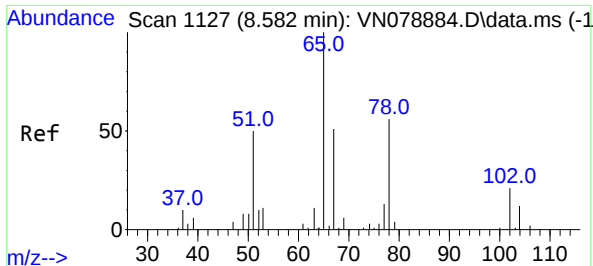


#32
1,1,1-Trichloroethane
Concen: 9.999 ug/l
RT: 8.183 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01



Tgt Ion: 97 Resp: 36535
Ion Ratio Lower Upper
97 100
99 55.1 50.3 75.5
61 51.0 34.7 52.1





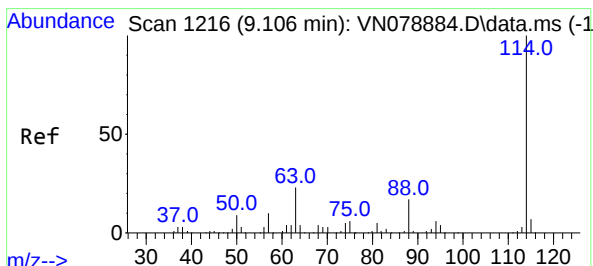
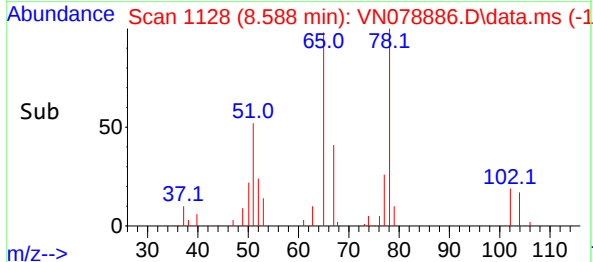
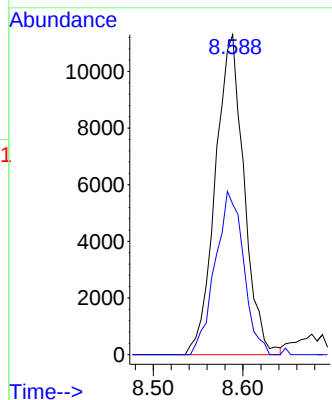
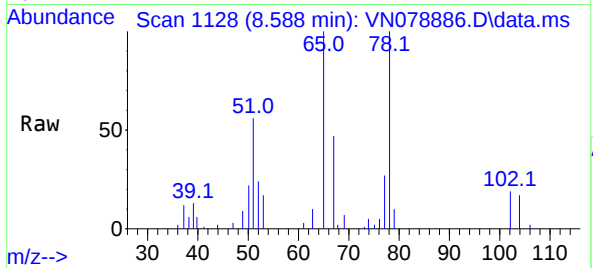
#33
1,2-Dichloroethane-d4
Concen: 9.269 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 65 Resp: 25052
Ion Ratio Lower Upper
65 100
67 50.7 0.0 106.6

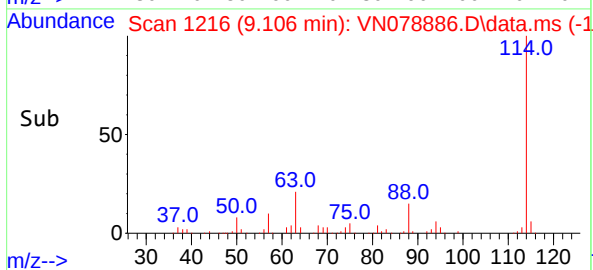
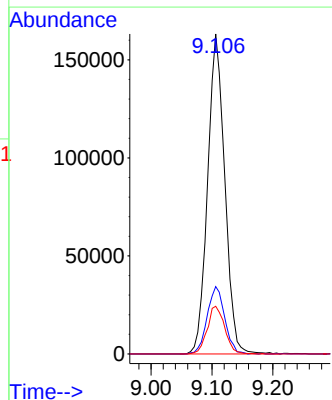
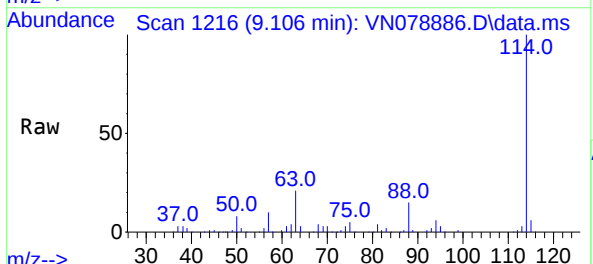
Manual Integrations
APPROVED

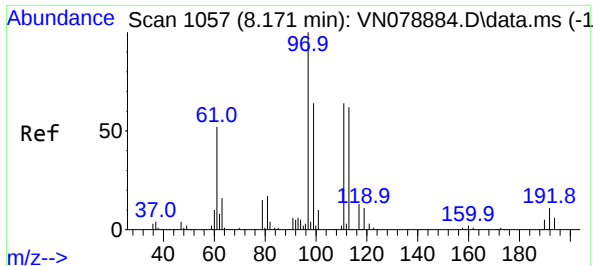
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

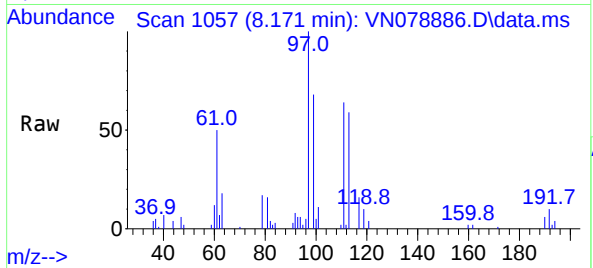
Tgt Ion:114 Resp: 319844
Ion Ratio Lower Upper
114 100
63 21.0 0.0 36.4
88 14.9 0.0 30.6





#35
Dibromofluoromethane
Concen: 9.255 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

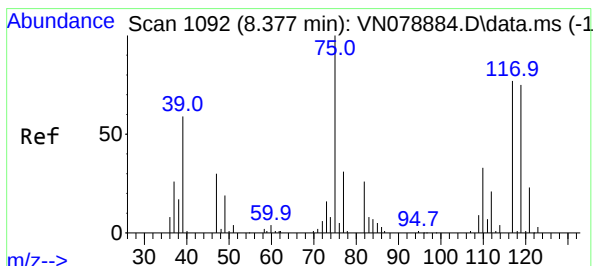
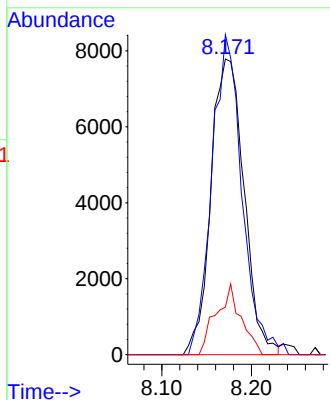
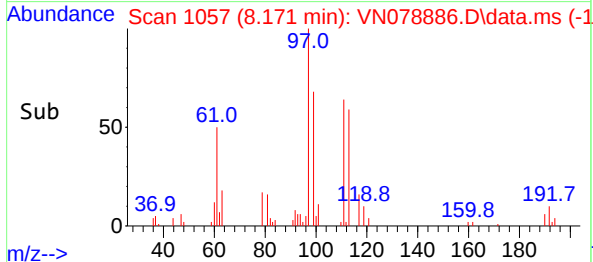
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



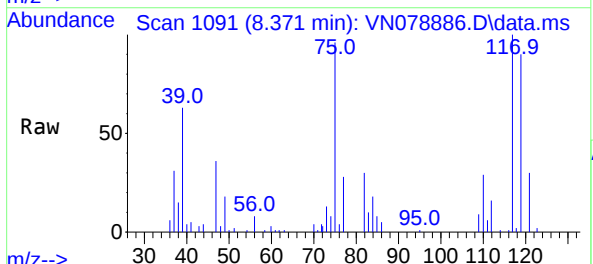
Tgt Ion: 113 Resp: 19920
Ion Ratio Lower Upper
113 100
111 98.7 82.6 123.8
192 17.9 12.7 19.1

Manual Integrations
APPROVED

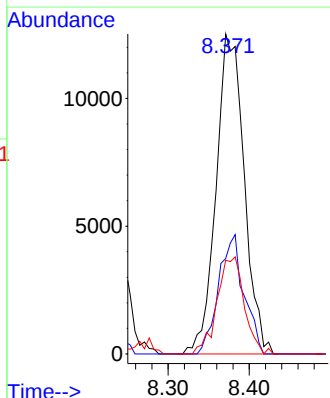
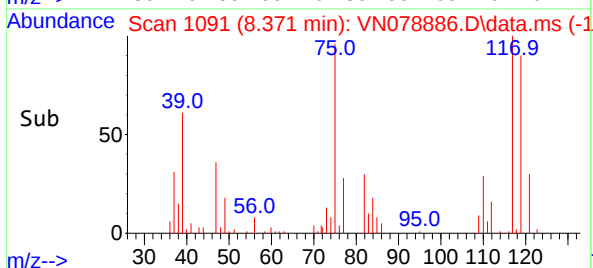
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

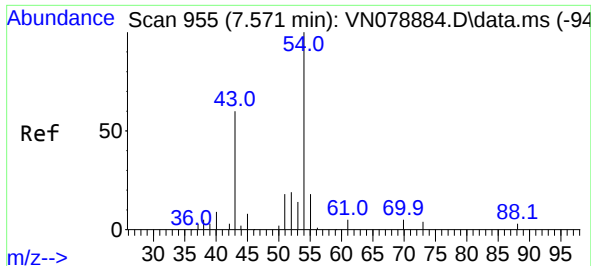


#36
1,1-Dichloropropene
Concen: 9.307 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01



Tgt Ion: 75 Resp: 30142
Ion Ratio Lower Upper
75 100
110 33.8 19.1 57.3
77 29.2 25.0 37.4





#37
Ethyl Acetate
Concen: 9.951 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

Instrument :

MSVOA_N

ClientSampleId :

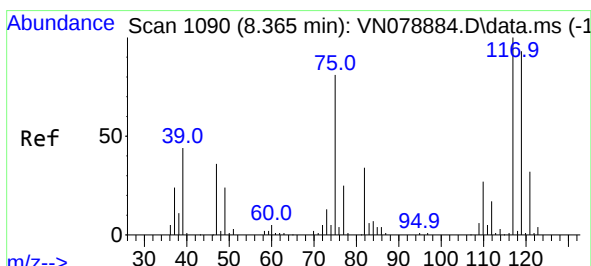
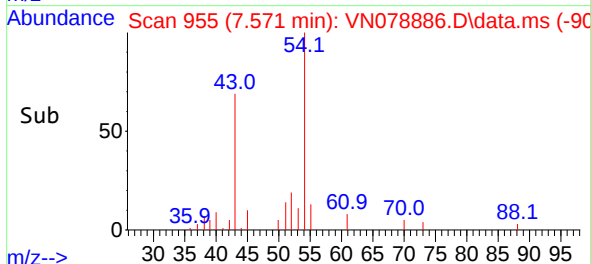
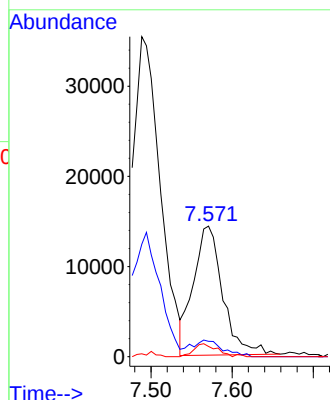
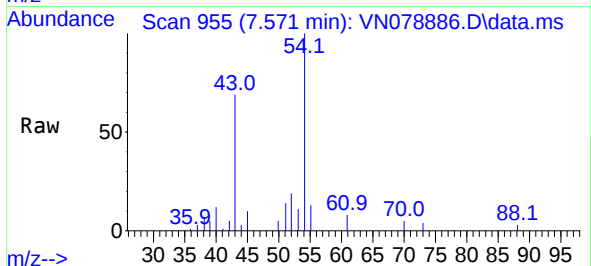
VSTDICC010

Tgt Ion: 43 Resp: 3605
Ion Ratio Lower Upper
43 100
61 13.0 13.2 19.8
70 7.7 11.3 16.9

Manual Integrations

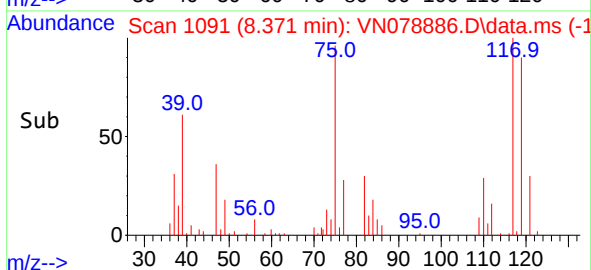
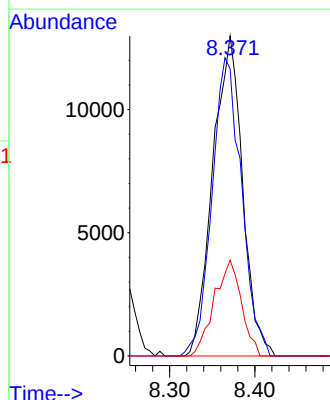
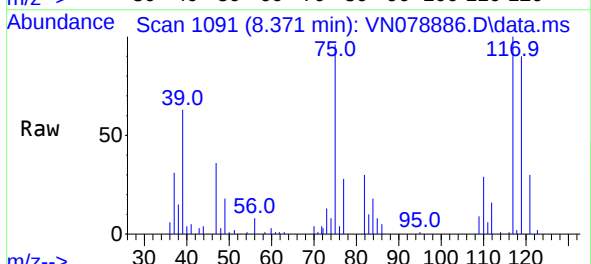
APPROVED

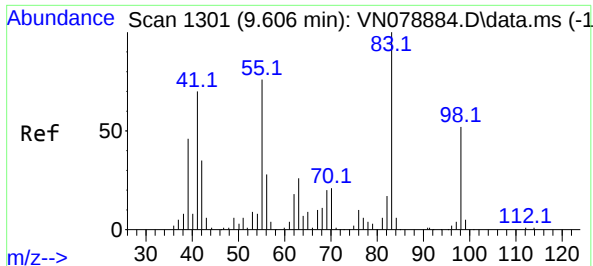
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#38
Carbon Tetrachloride
Concen: 9.697 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

Tgt Ion:117 Resp: 31469
Ion Ratio Lower Upper
117 100
119 89.7 77.3 115.9
121 29.9 23.3 34.9





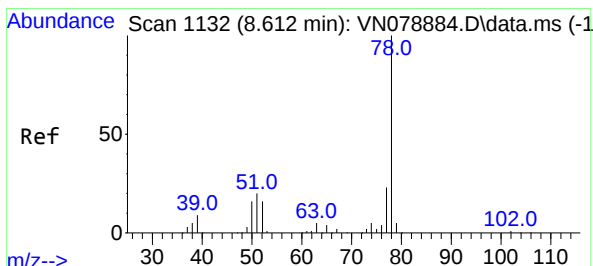
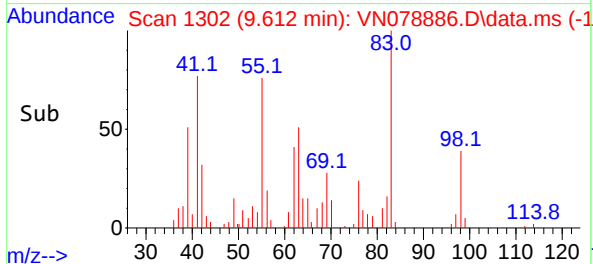
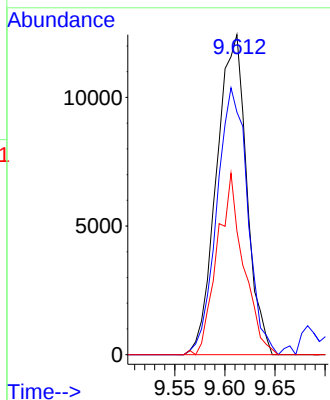
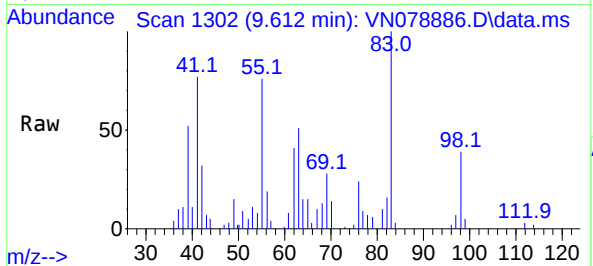
#39
Methylcyclohexane
Concen: 8.723 ug/l
RT: 9.612 min Scan# 1132
Delta R.T. 0.006 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 83 Resp: 2598
Ion Ratio Lower Upper
83 100
55 75.8 49.1 73.7
98 38.7 40.6 61.0

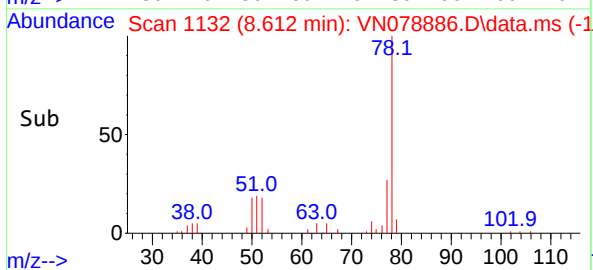
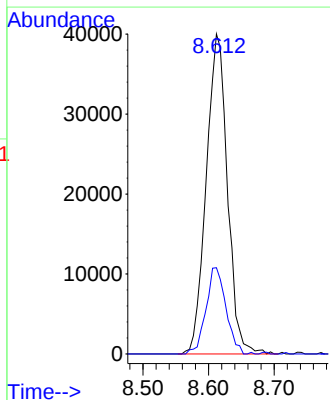
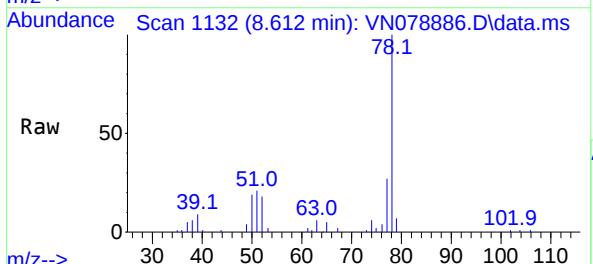
Manual Integrations
APPROVED

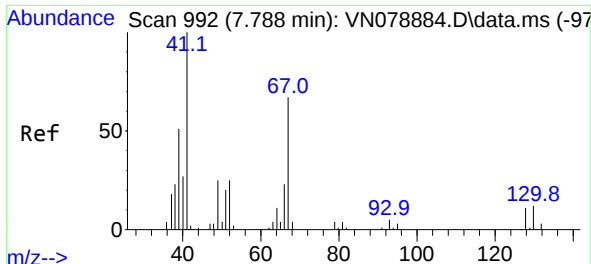
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#40
Benzene
Concen: 9.390 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

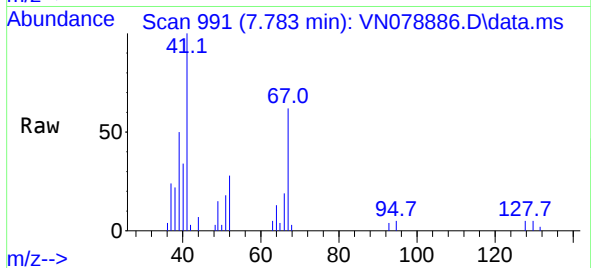
Tgt Ion: 78 Resp: 89891
Ion Ratio Lower Upper
78 100
77 26.9 19.0 28.6





#41
Methacrylonitrile
Concen: 9.475 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

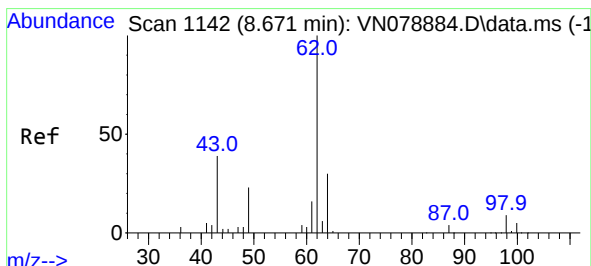
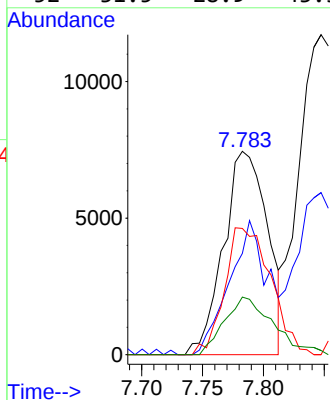
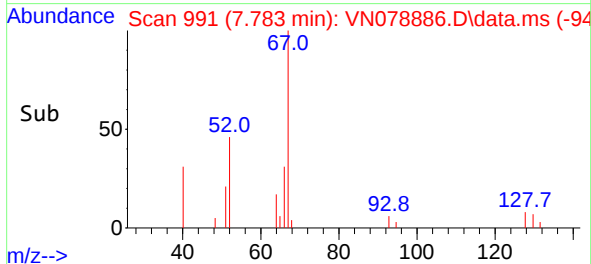
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



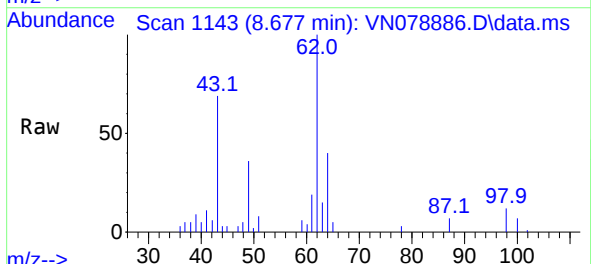
Tgt Ion: 41 Resp: 18700
Ion Ratio Lower Upper
41 100
39 57.1 42.6 64.0
67 65.6 77.5 116.3
52 31.5 28.9 43.3

Manual Integrations
APPROVED

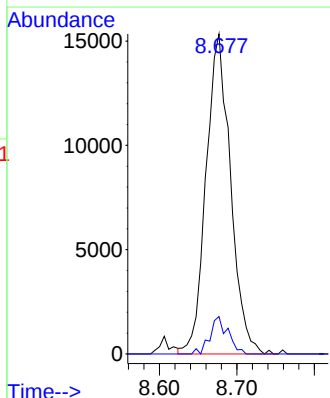
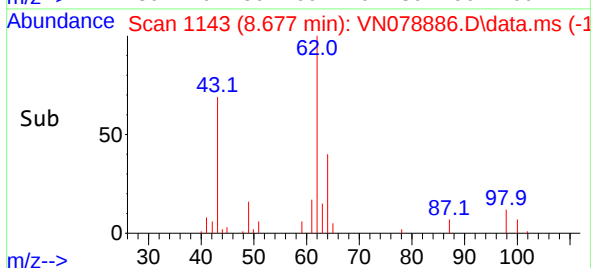
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

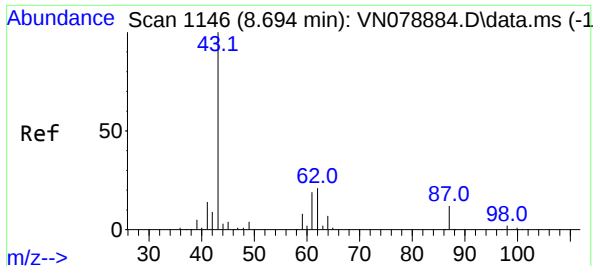


#42
1,2-Dichloroethane
Concen: 9.425 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01



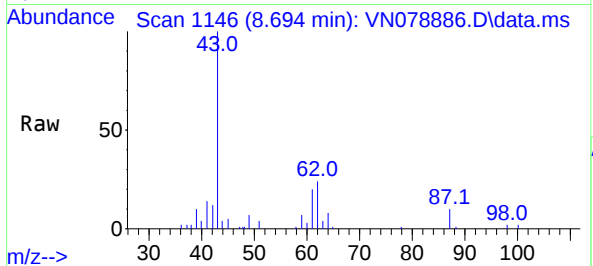
Tgt Ion: 62 Resp: 33709
Ion Ratio Lower Upper
62 100
98 8.6 0.0 19.8





#43
Isopropyl Acetate
Concen: 9.741 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

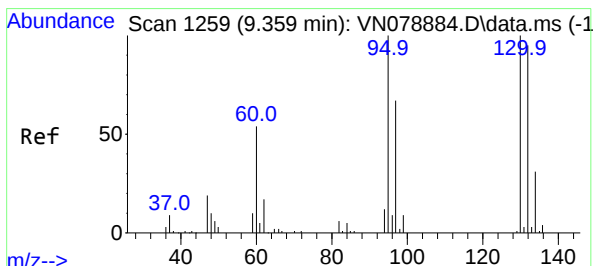
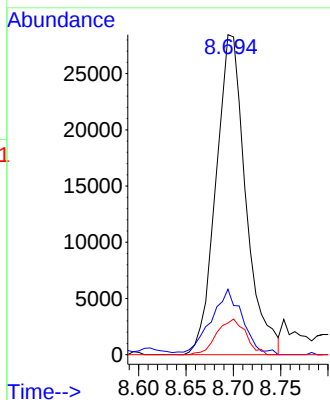
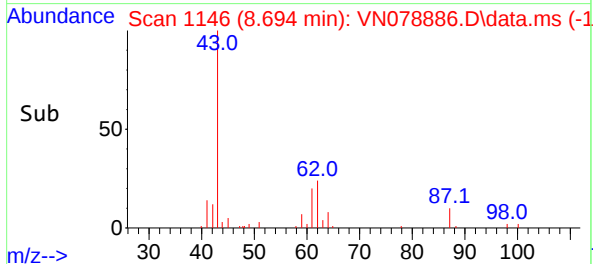
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



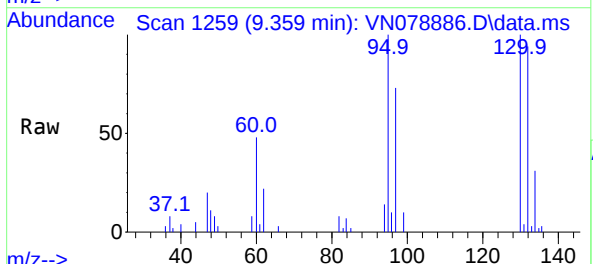
Tgt Ion: 43 Resp: 62390
Ion Ratio Lower Upper
43 100
61 21.8 24.7 37.1
87 10.8 14.6 21.8

Manual Integrations
APPROVED

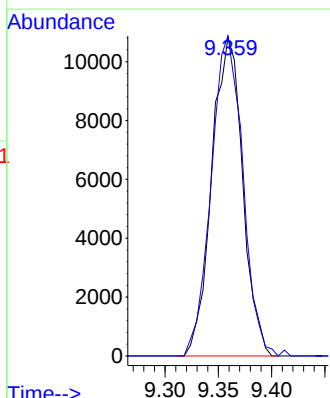
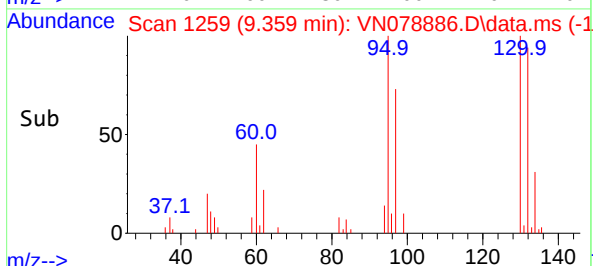
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

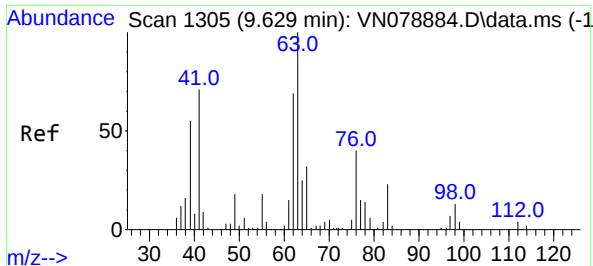


#44
Trichloroethene
Concen: 9.582 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01



Tgt Ion:130 Resp: 21795
Ion Ratio Lower Upper
130 100
95 100.4 0.0 204.6





#45
1,2-Dichloropropane
Concen: 9.462 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

Instrument :

MSVOA_N

ClientSampleId :

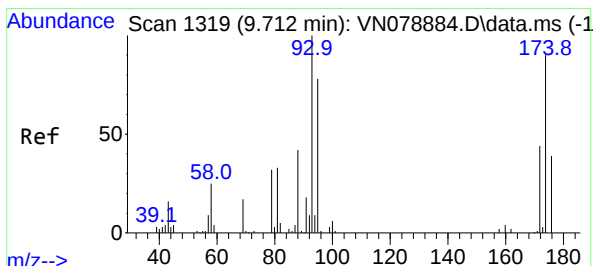
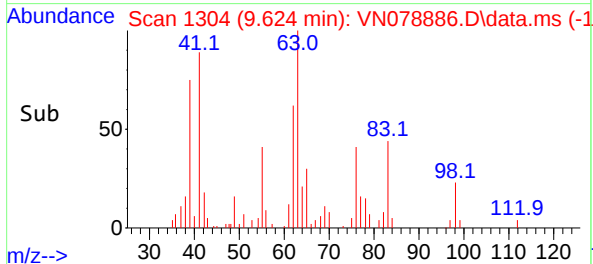
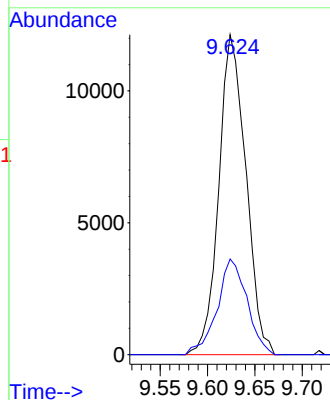
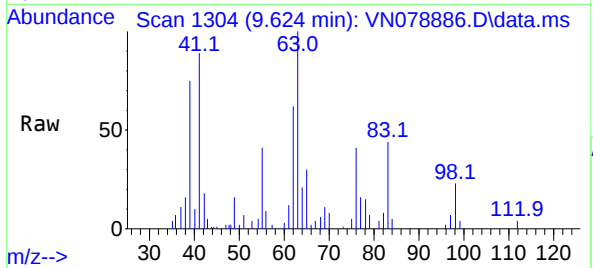
VSTDIC010

Tgt Ion: 63 Resp: 2411
Ion Ratio Lower Upper
63 100
65 29.9 23.9 35.9

Manual Integrations

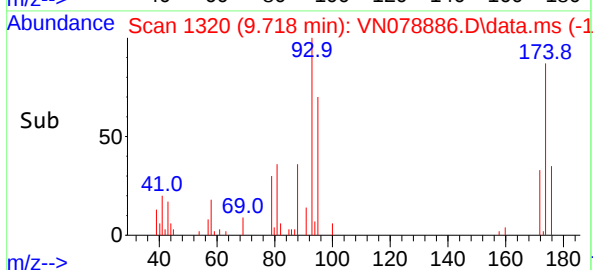
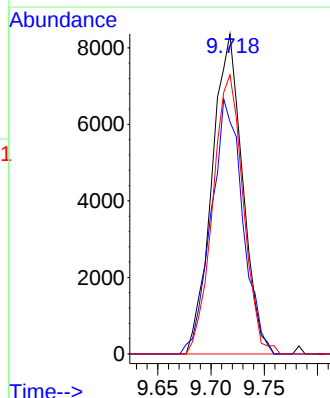
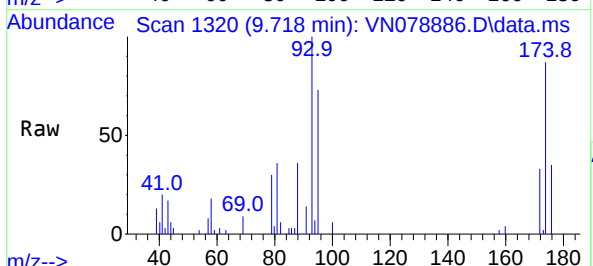
APPROVED

Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#46
Dibromomethane
Concen: 9.546 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

Tgt Ion: 93 Resp: 16687
Ion Ratio Lower Upper
93 100
95 82.3 63.8 95.8
174 86.6 65.6 98.4





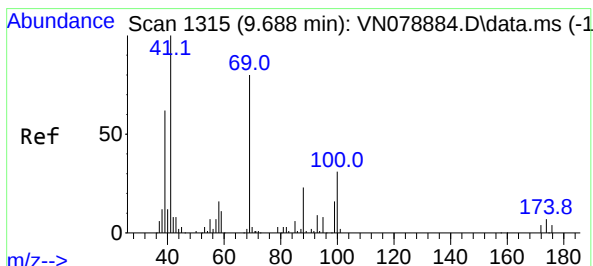
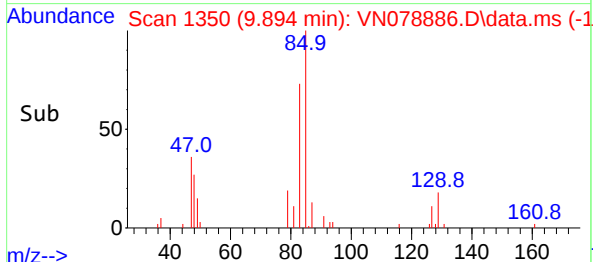
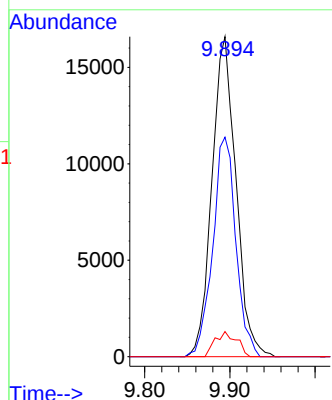
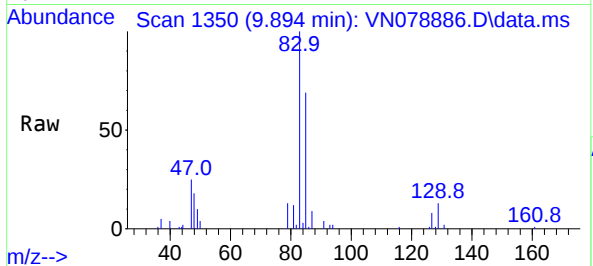
#47
Bromodichloromethane
Concen: 9.406 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 32469
Ion Ratio Lower Upper
83 100
85 68.6 49.6 74.4
127 7.8 7.0 10.6

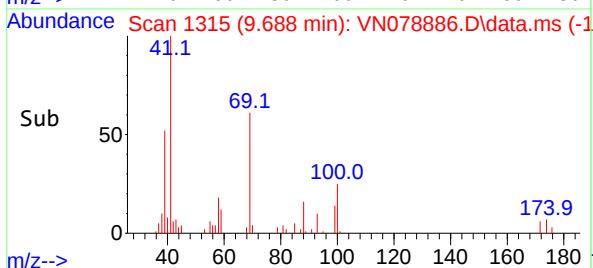
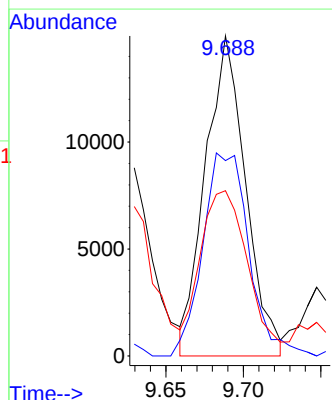
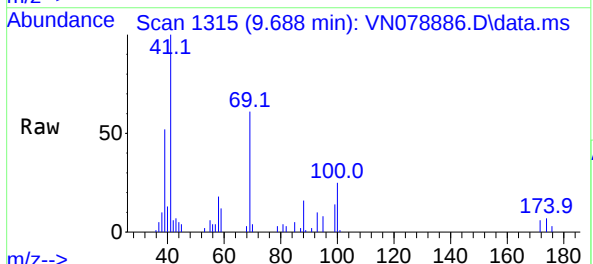
Manual Integrations
APPROVED

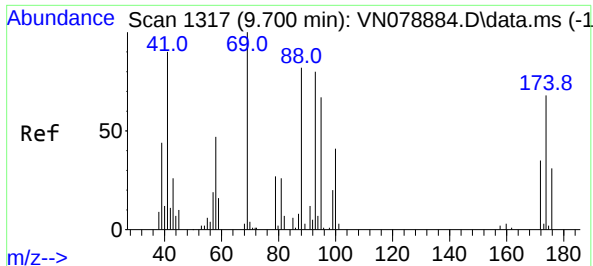
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#48
Methyl methacrylate
Concen: 9.298 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

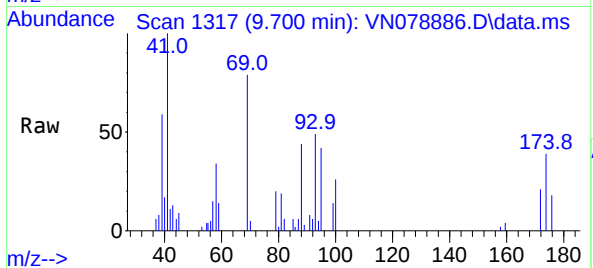
Tgt Ion: 41 Resp: 26986
Ion Ratio Lower Upper
41 100
69 72.9 90.4 135.6#
39 61.3 54.6 81.8





#49
1,4-Dioxane
Concen: 186.326 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

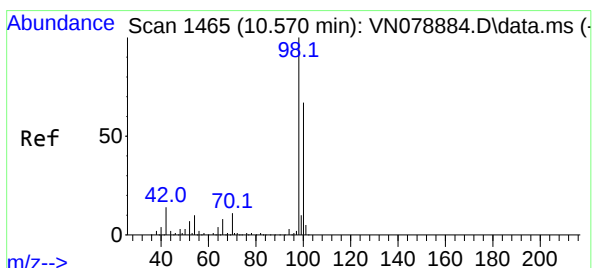
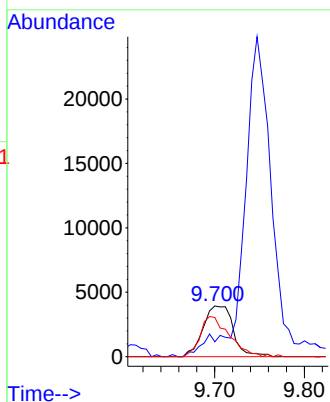
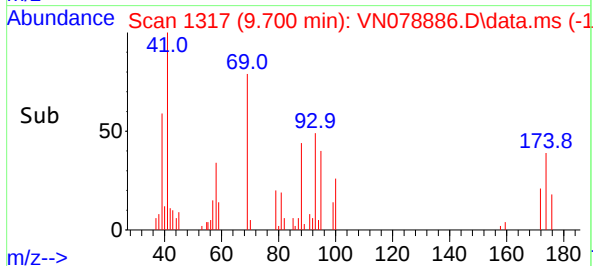
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 88 Resp: 921
Ion Ratio Lower Upper
88 100
43 21.7 17.0 25.6
58 77.3 47.0 70.4

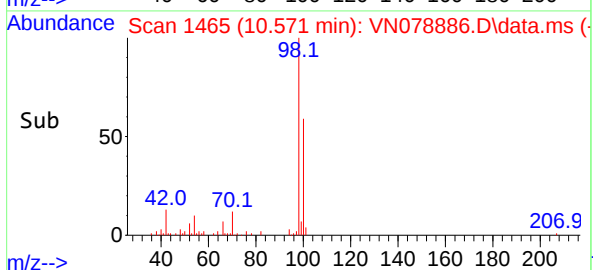
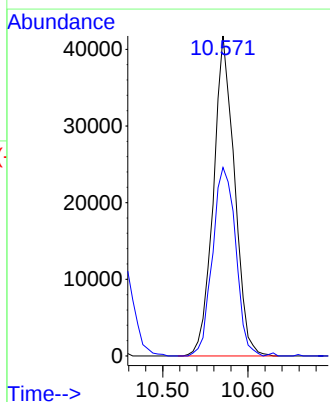
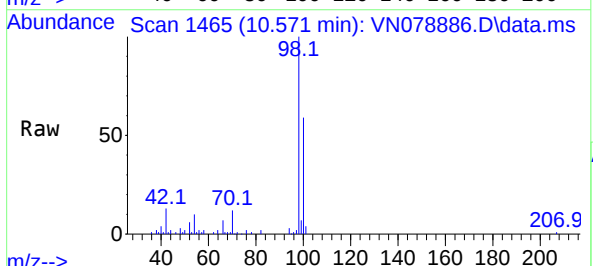
Manual Integrations
APPROVED

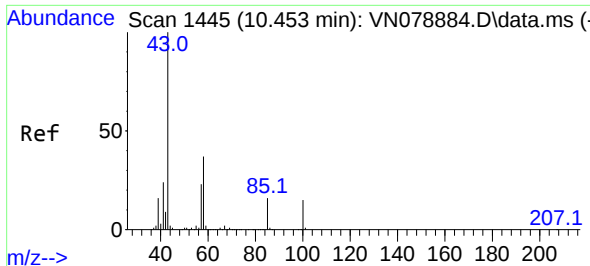
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#50
Toluene-d8
Concen: 8.989 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

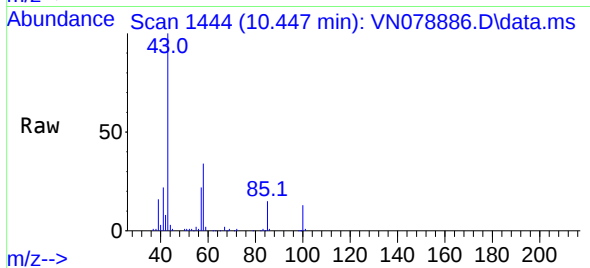
Tgt Ion: 98 Resp: 71863
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 47.562 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

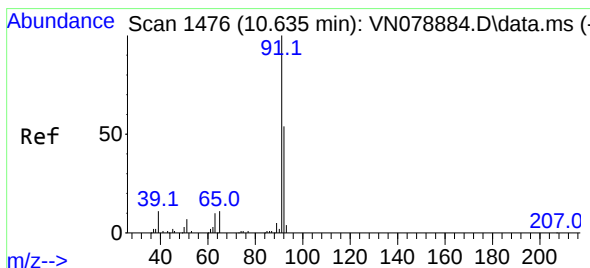
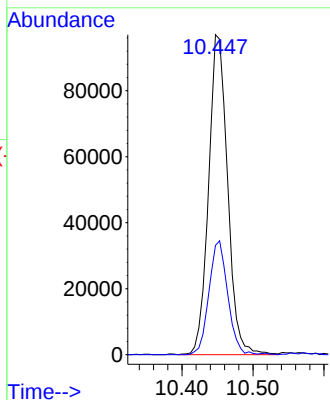
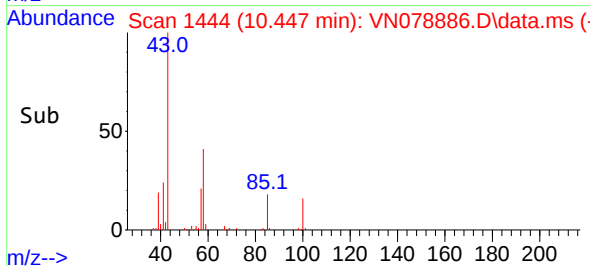
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



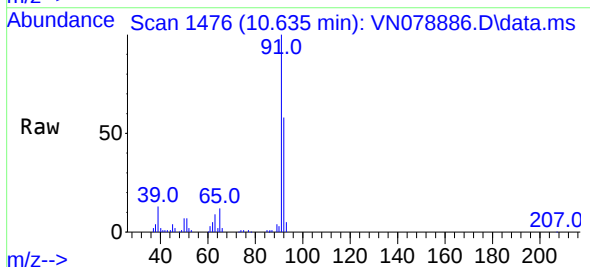
Tgt Ion: 43 Resp: 180674
Ion Ratio Lower Upper
43 100
58 35.0 36.6 54.8

Manual Integrations
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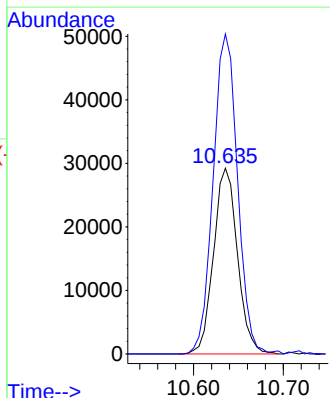
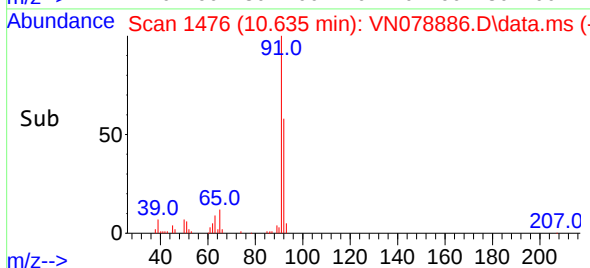
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

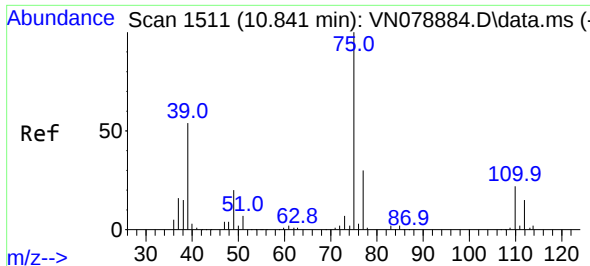


#52
Toluene
Concen: 9.210 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01



Tgt Ion: 92 Resp: 54128
Ion Ratio Lower Upper
92 100
91 175.6 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 9.250 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

Instrument :

MSVOA_N

ClientSampleId :

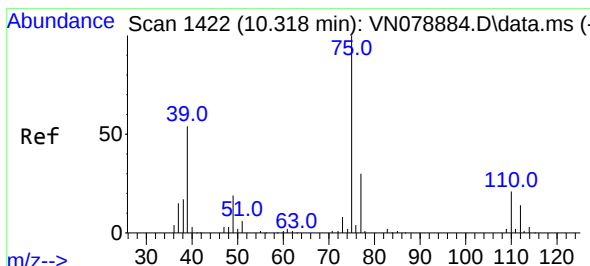
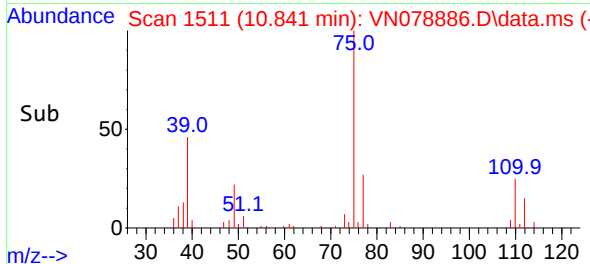
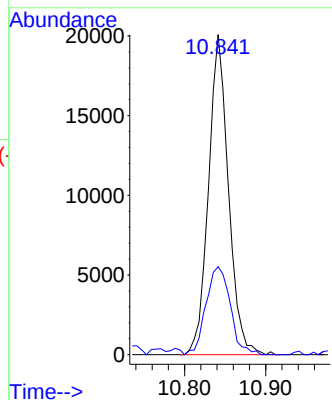
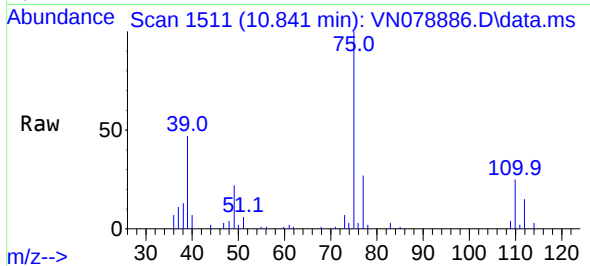
VSTDICC010

Tgt Ion: 75 Resp: 3424
Ion Ratio Lower Upper
75 100
77 27.5 25.4 38.0

Manual Integrations

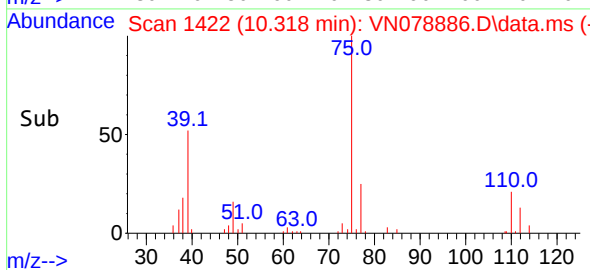
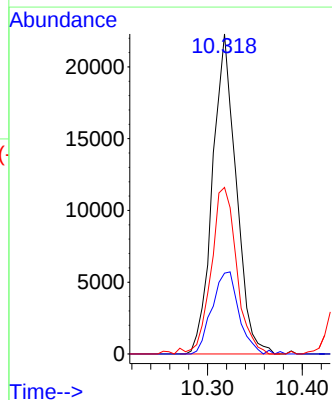
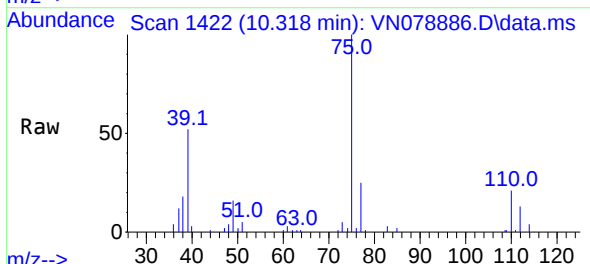
APPROVED

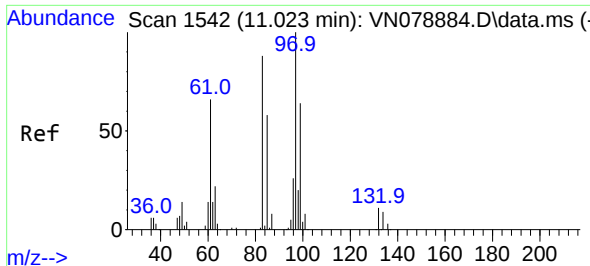
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#54
cis-1,3-Dichloropropene
Concen: 9.560 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

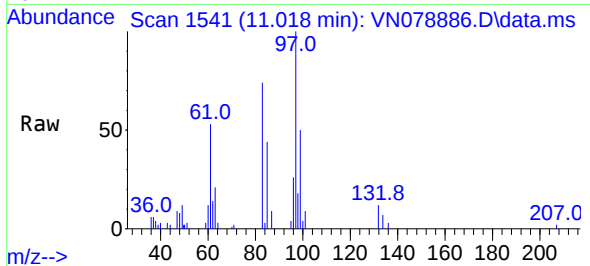
Tgt Ion: 75 Resp: 38543
Ion Ratio Lower Upper
75 100
77 25.3 26.1 39.1#
39 52.0 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 9.568 ug/l
RT: 11.018 min Scan# 1542
Delta R.T. -0.006 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

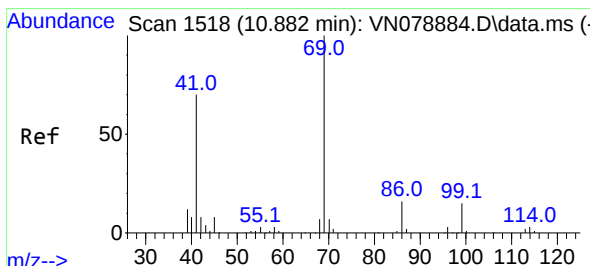
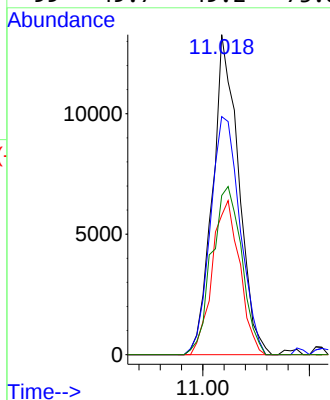
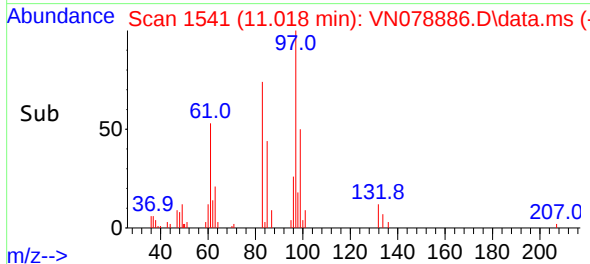
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



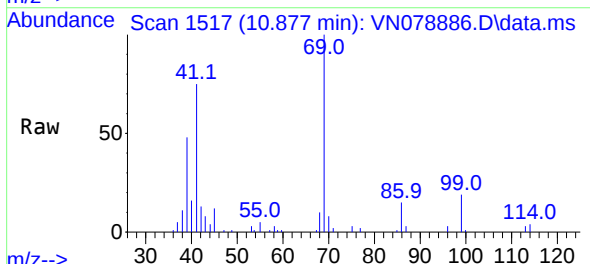
Tgt Ion	Ratio	Lower	Upper
97	100		
83	74.4	65.1	97.7
85	43.6	43.4	65.2
99	49.7	49.2	73.8

Manual Integrations
APPROVED

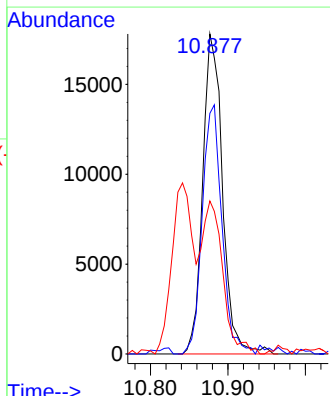
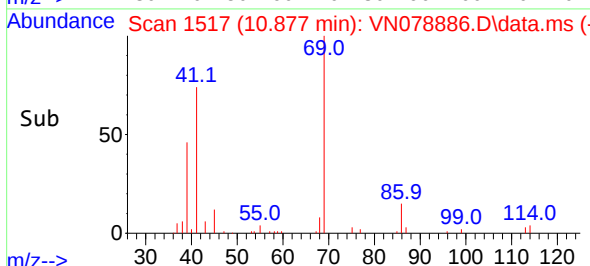
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

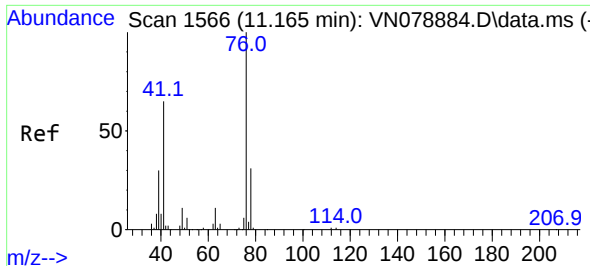


#56
Ethyl methacrylate
Concen: 8.659 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01



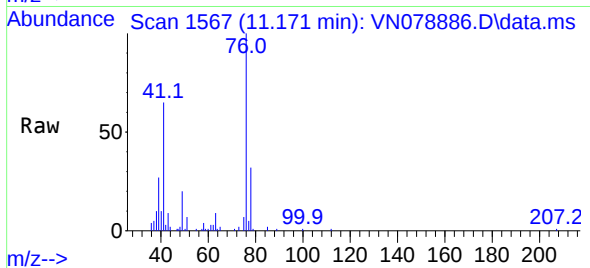
Tgt Ion	Ratio	Lower	Upper
69	100		
41	77.3	39.6	59.4#
39	51.2	28.6	43.0#





#57
1,3-Dichloropropane
Concen: 9.531 ug/l
RT: 11.171 min Scan# 1567
Delta R.T. 0.006 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

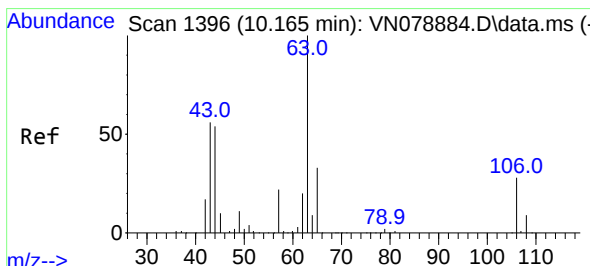
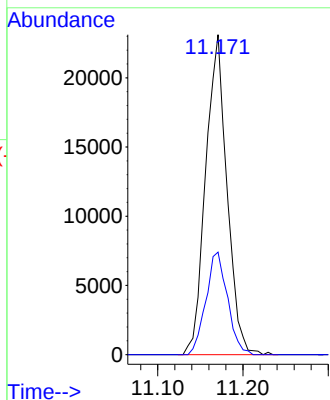
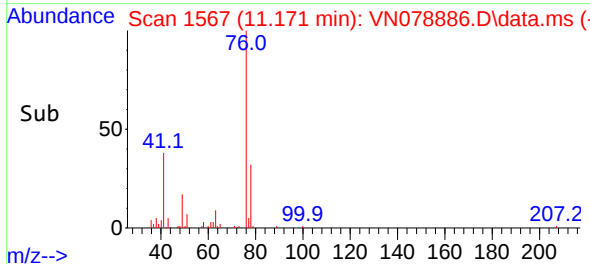
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



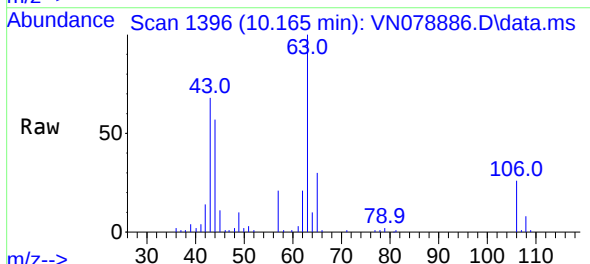
Tgt Ion: 76 Resp: 40170
Ion Ratio Lower Upper
76 100
78 32.4 26.1 39.1

Manual Integrations
APPROVED

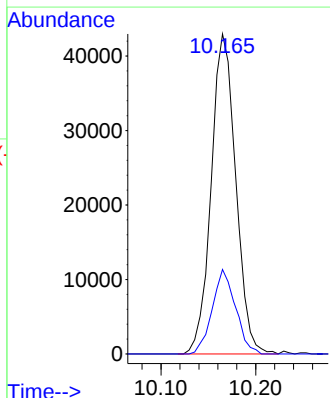
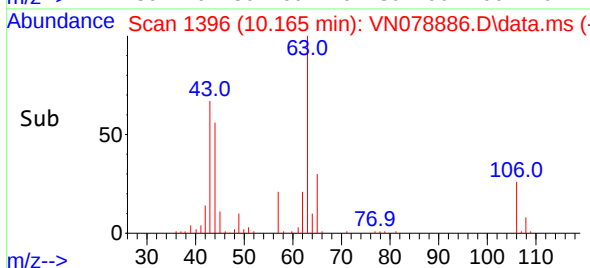
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

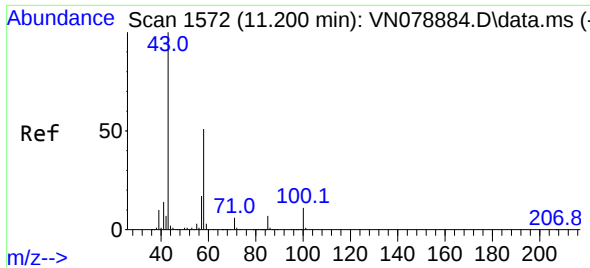


#58
2-Chloroethyl Vinyl ether
Concen: 44.138 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01



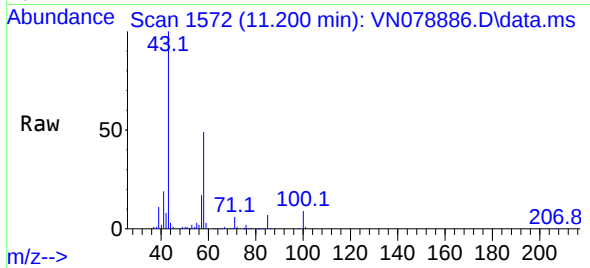
Tgt Ion: 63 Resp: 77398
Ion Ratio Lower Upper
63 100
106 25.1 26.2 39.4#





#59
2-Hexanone
Concen: 45.856 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

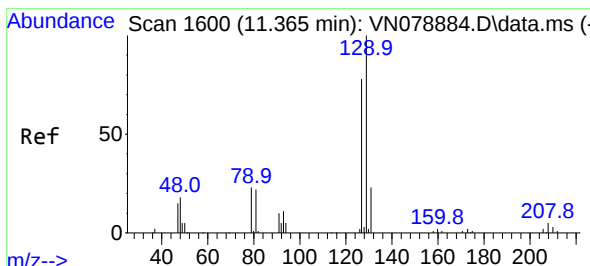
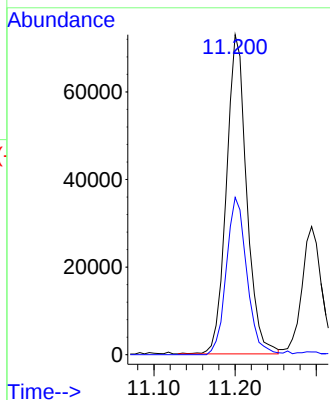
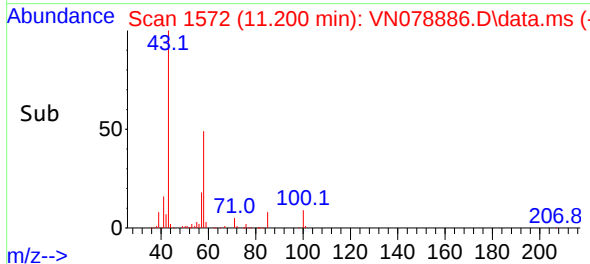
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 43 Resp: 12616
Ion Ratio Lower Upper
43 100
58 50.0 31.7 95.1

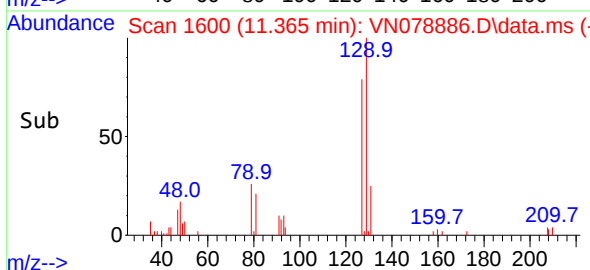
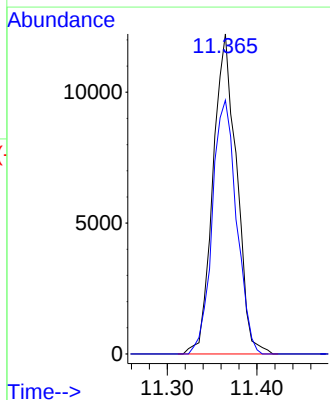
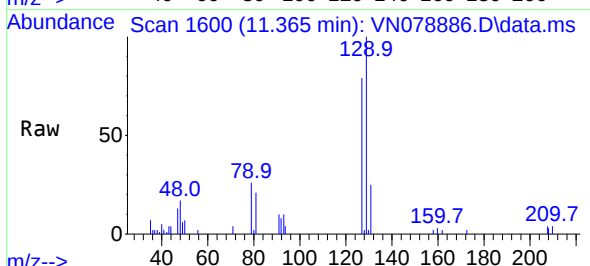
Manual Integrations
APPROVED

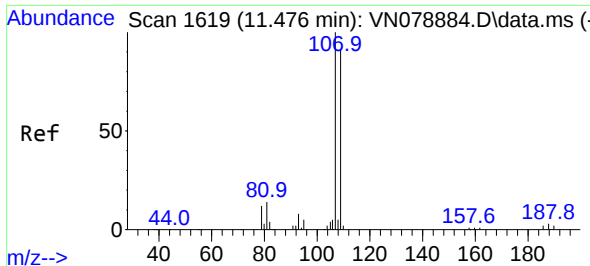
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#60
Dibromochloromethane
Concen: 8.998 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

Tgt Ion:129 Resp: 22315
Ion Ratio Lower Upper
129 100
127 81.6 38.6 116.0





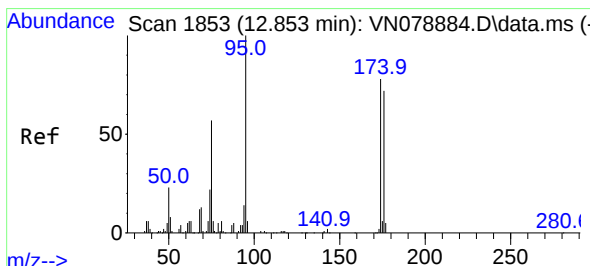
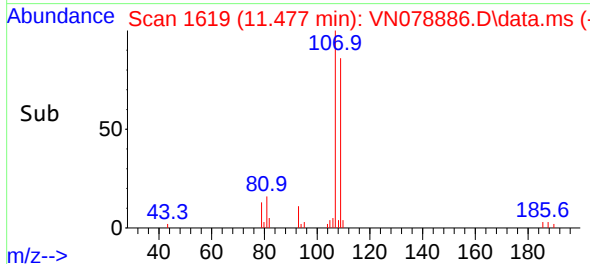
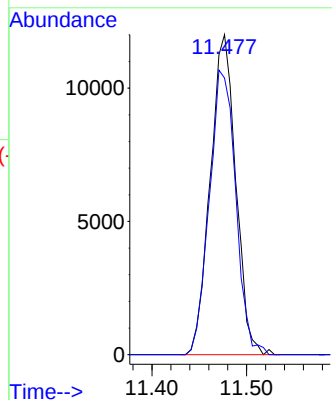
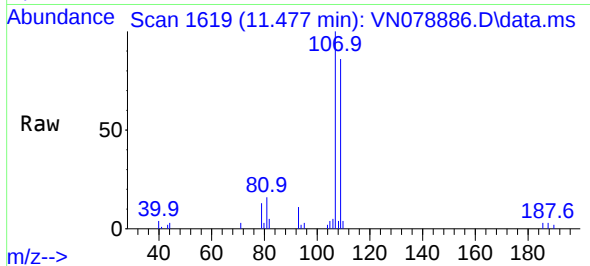
#61
1,2-Dibromoethane
Concen: 9.383 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.001 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:107 Resp: 22470
Ion Ratio Lower Upper
107 100
109 91.8 76.6 114.8

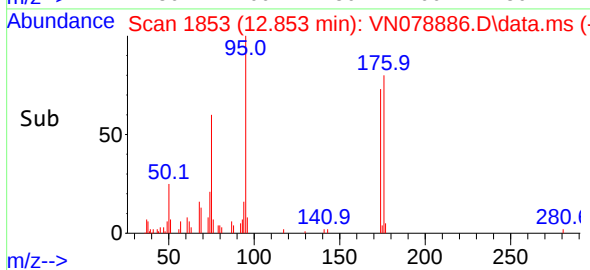
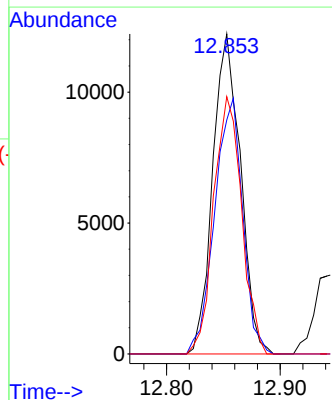
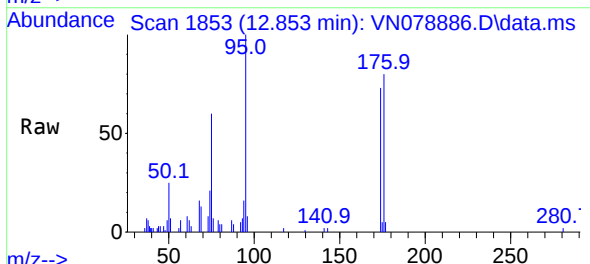
Manual Integrations
APPROVED

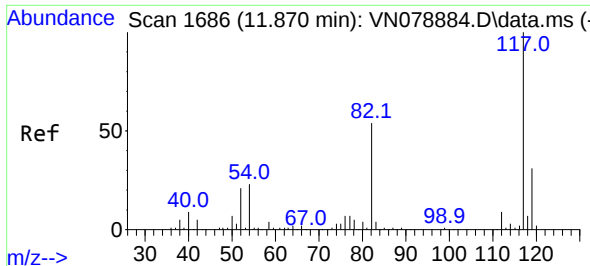
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#62
4-Bromofluorobenzene
Concen: 7.925 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

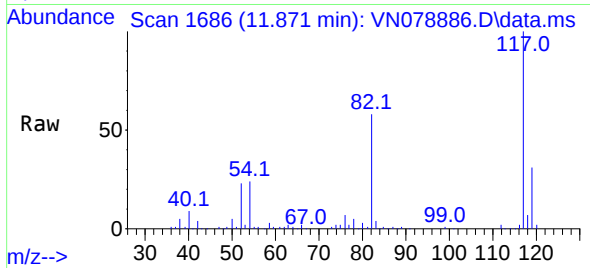
Tgt Ion: 95 Resp: 20709
Ion Ratio Lower Upper
95 100
174 80.7 0.0 143.8
176 81.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

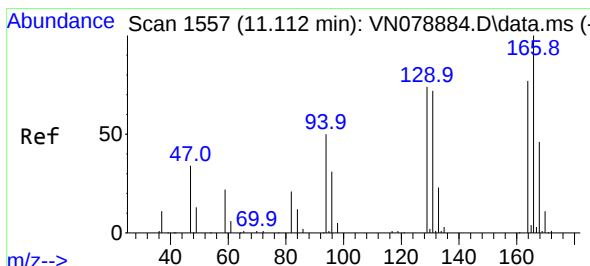
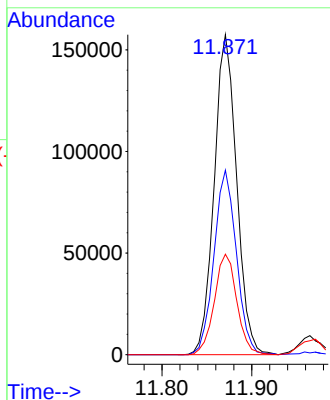
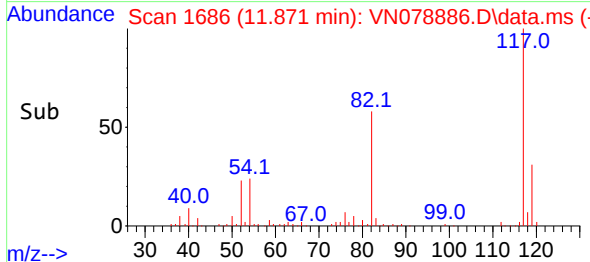
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



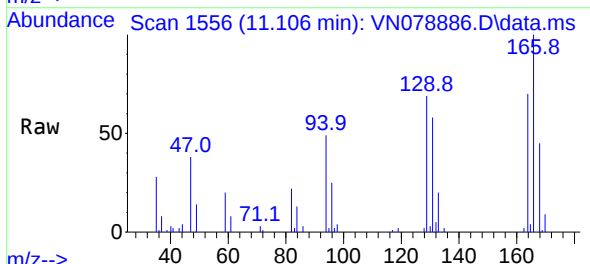
Tgt Ion:117 Resp: 274130
Ion Ratio Lower Upper
117 100
82 57.7 44.0 66.0
119 31.4 25.6 38.4

Manual Integrations
APPROVED

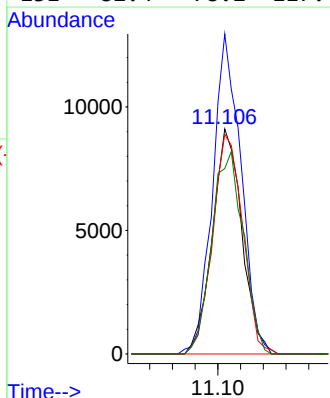
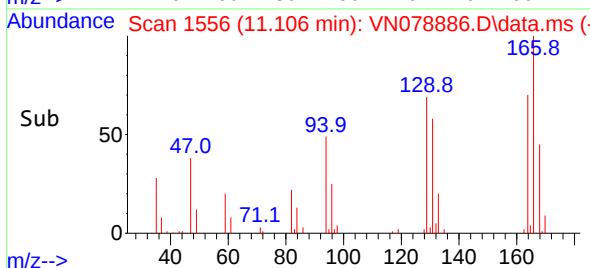
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

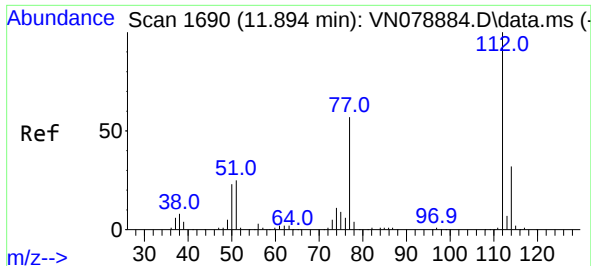


#64
Tetrachloroethene
Concen: 9.555 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01



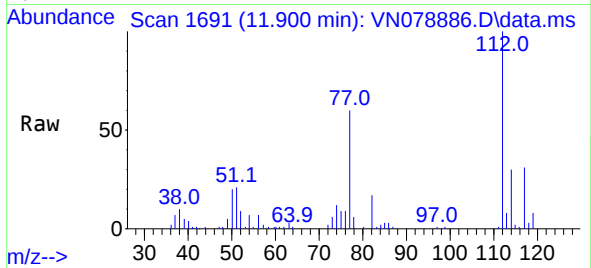
Tgt Ion:164 Resp: 16426
Ion Ratio Lower Upper
164 100
166 142.3 101.4 152.0
129 97.6 82.4 123.6
131 82.4 78.2 117.4





#65
Chlorobenzene
Concen: 9.761 ug/l
RT: 11.900 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

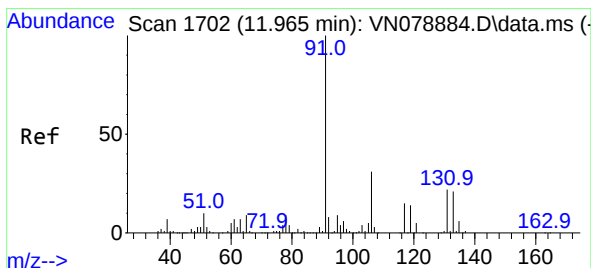
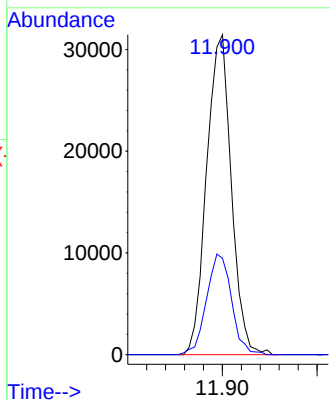
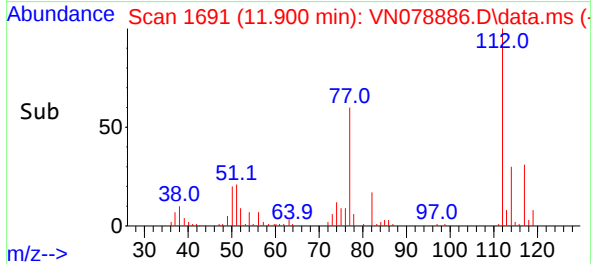
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



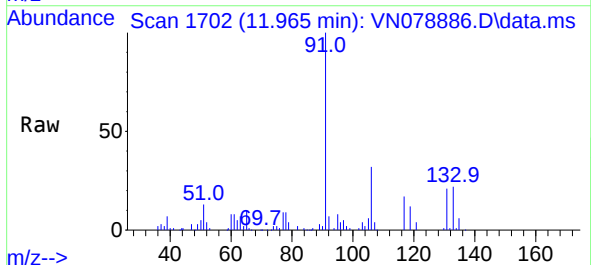
Tgt Ion:112 Resp: 56960
Ion Ratio Lower Upper
112 100
114 30.1 25.0 37.4

Manual Integrations
APPROVED

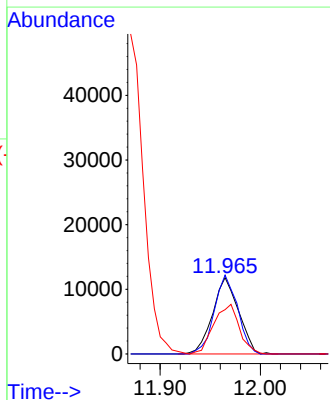
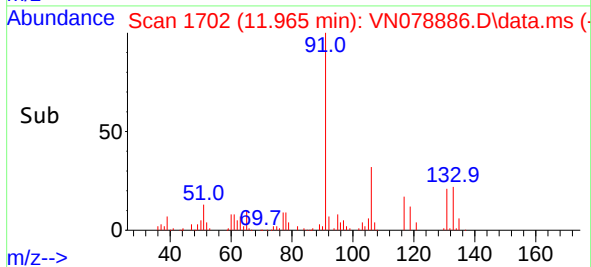
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

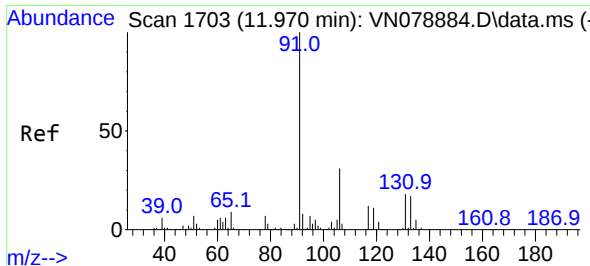


#66
1,1,1,2-Tetrachloroethane
Concen: 9.584 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01



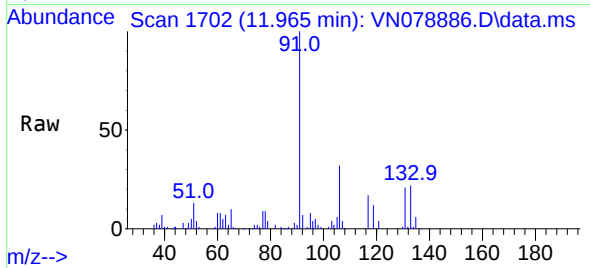
Tgt Ion:131 Resp: 21136
Ion Ratio Lower Upper
131 100
133 93.4 46.4 139.1
119 64.3 34.1 102.2





#67
Ethyl Benzene
Concen: 9.222 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.006 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

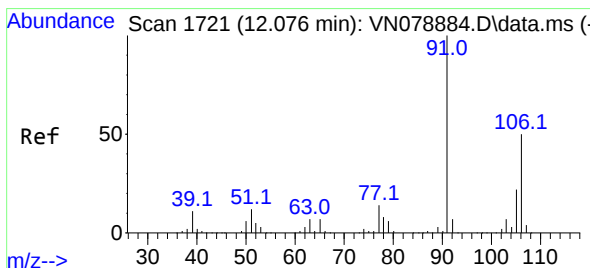
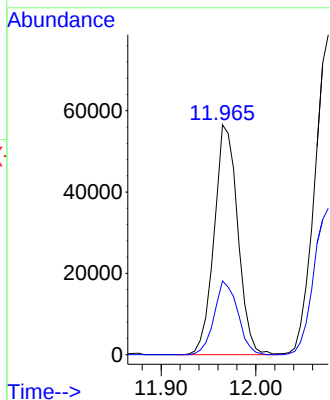
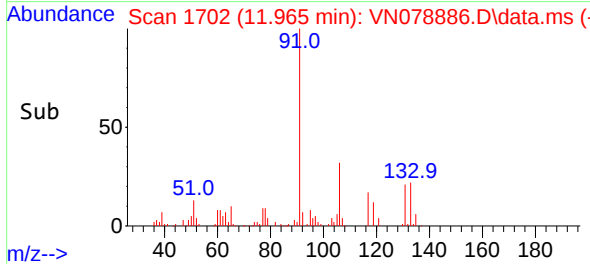
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion: 91 Resp: 97862
Ion Ratio Lower Upper
91 100
106 32.1 25.6 38.4

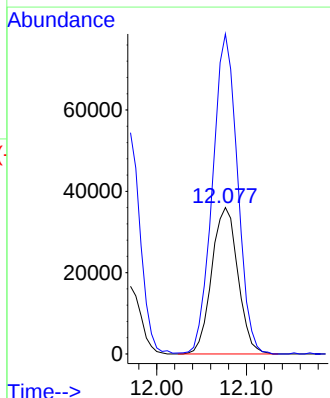
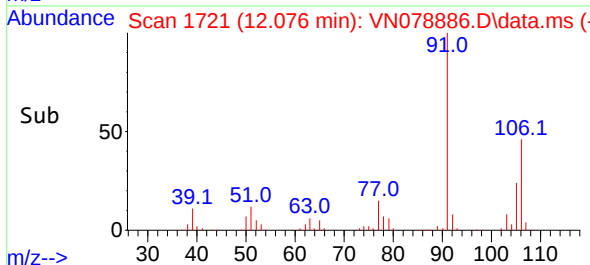
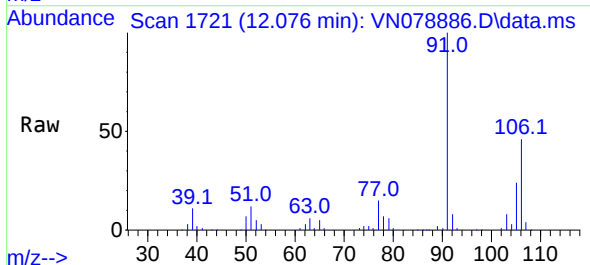
Manual Integrations
APPROVED

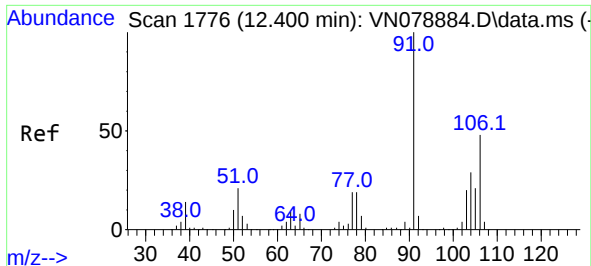
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#68
m/p-Xylenes
Concen: 18.348 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

Tgt Ion:106 Resp: 72795
Ion Ratio Lower Upper
106 100
91 208.8 159.6 239.4





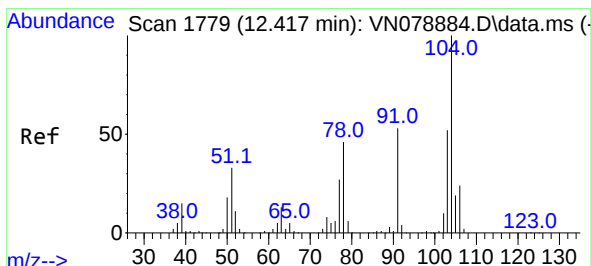
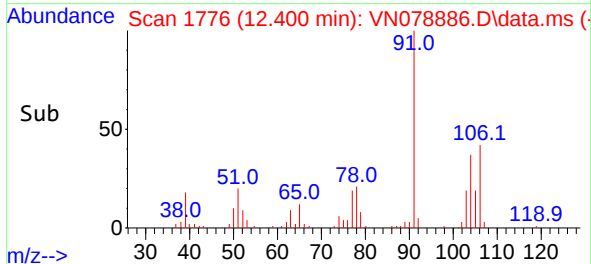
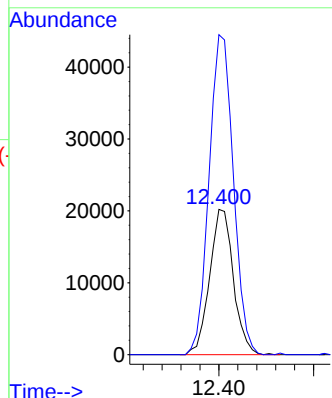
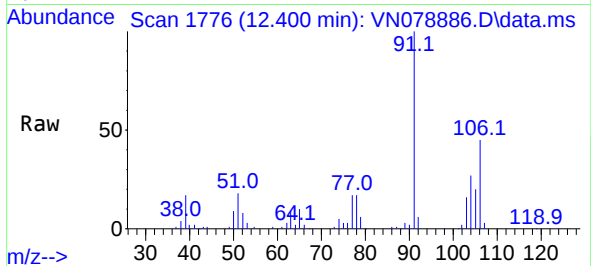
#69
o-Xylene
Concen: 9.132 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:106 Resp: 35244
Ion Ratio Lower Upper
106 100
91 225.0 105.2 315.5

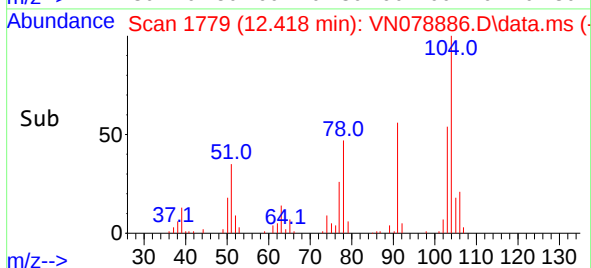
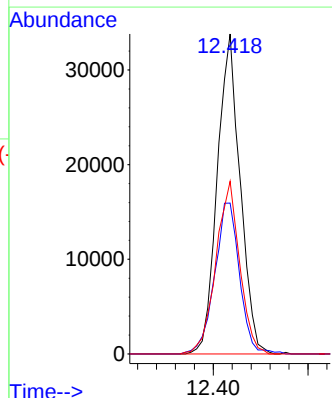
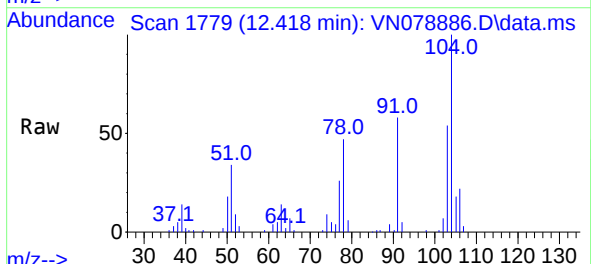
Manual Integrations
APPROVED

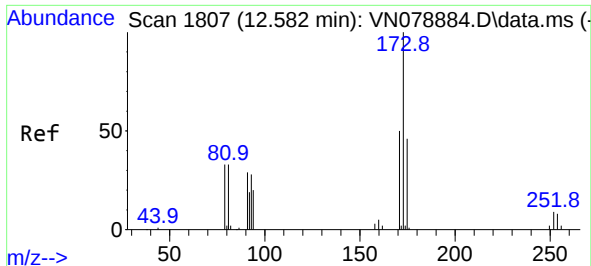
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#70
Styrene
Concen: 8.803 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

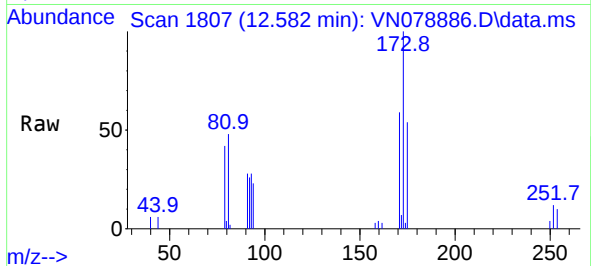
Tgt Ion:104 Resp: 56654
Ion Ratio Lower Upper
104 100
78 51.5 39.5 59.3
103 56.2 43.2 64.8





#71
Bromoform
Concen: 8.976 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

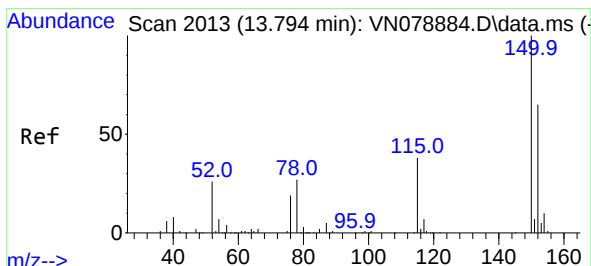
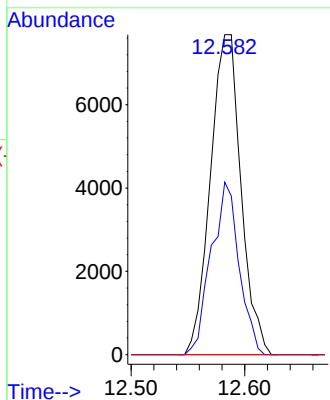
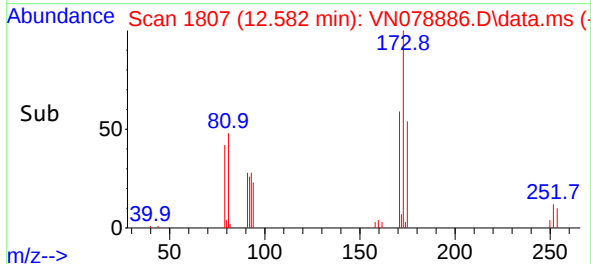
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



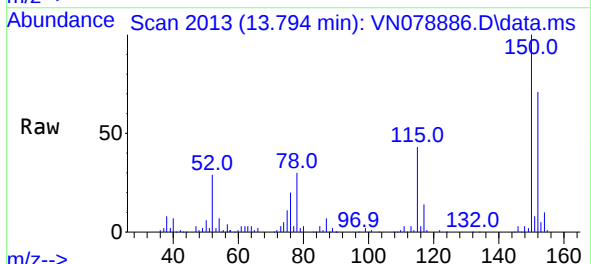
Tgt Ion:173 Resp: 1439
Ion Ratio Lower Upper
173 100
175 49.1 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

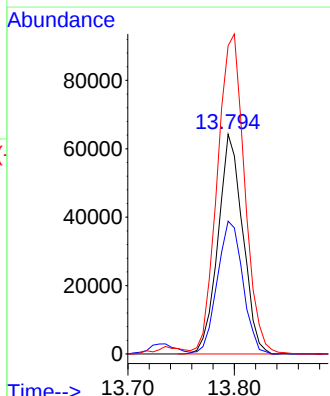
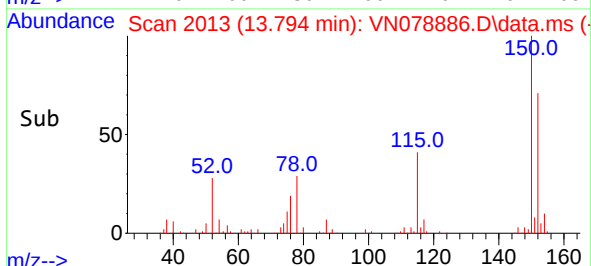
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

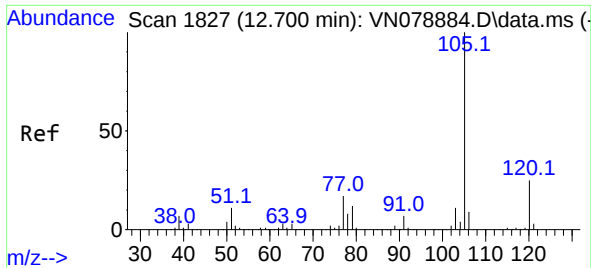


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01



Tgt Ion:152 Resp: 103454
Ion Ratio Lower Upper
152 100
115 62.4 32.3 96.8
150 160.9 0.0 355.8





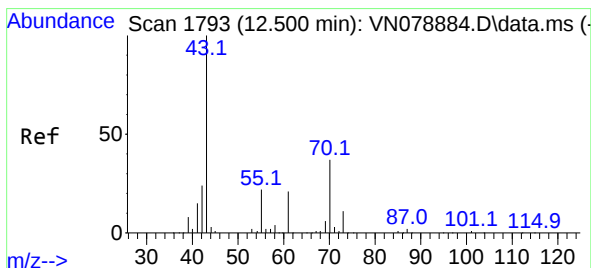
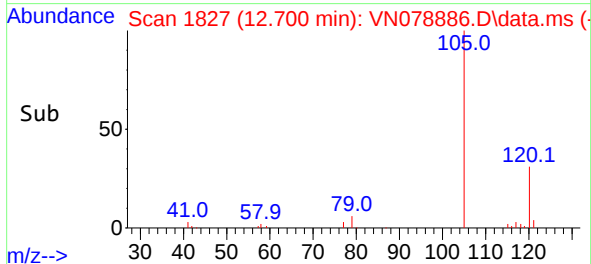
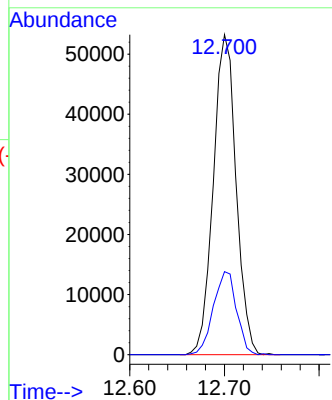
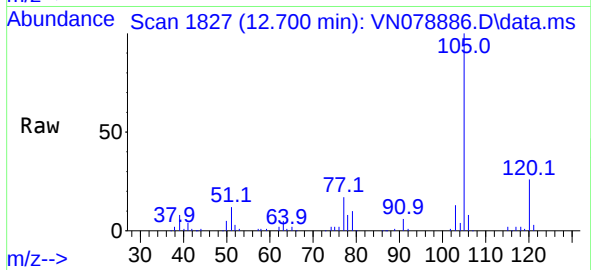
#73
Isopropylbenzene
Concen: 10.319 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:105 Resp: 89010
Ion Ratio Lower Upper
105 100
120 26.4 13.1 39.1

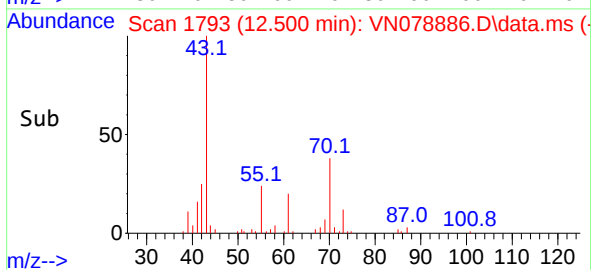
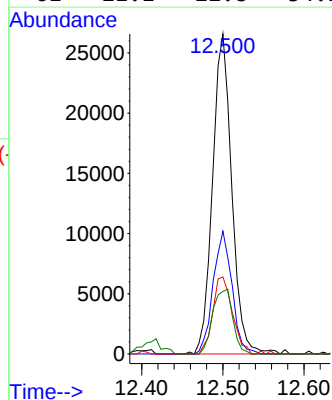
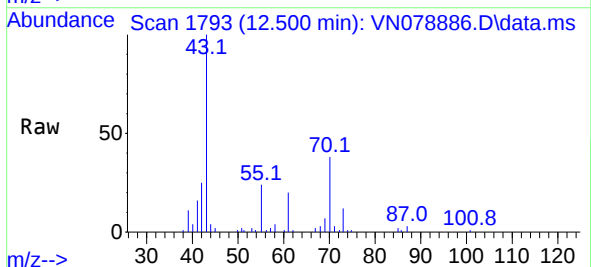
Manual Integrations
APPROVED

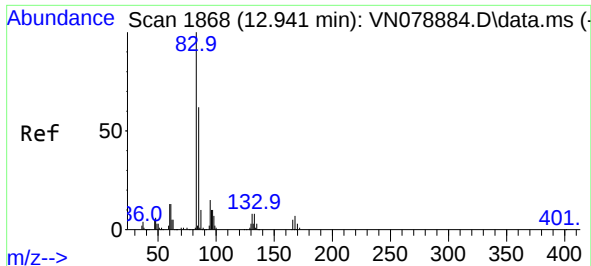
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#74
N-ethyl acetate
Concen: 10.047 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

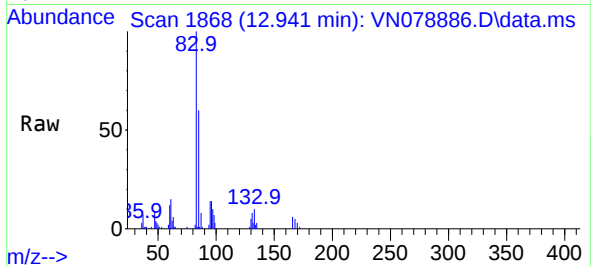
Tgt Ion: 43 Resp: 43748
Ion Ratio Lower Upper
43 100
70 37.5 43.4 65.2#
55 24.6 21.4 32.0
61 21.1 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 10.953 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

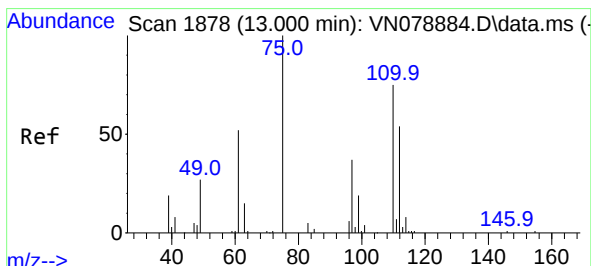
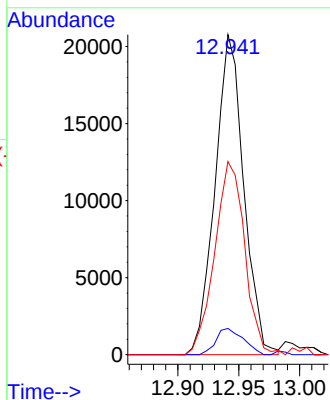
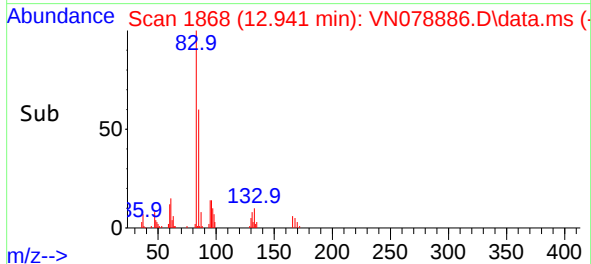
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 83 Resp: 34110
Ion Ratio Lower Upper
83 100
131 7.8 5.0 15.0
85 63.0 31.9 95.7

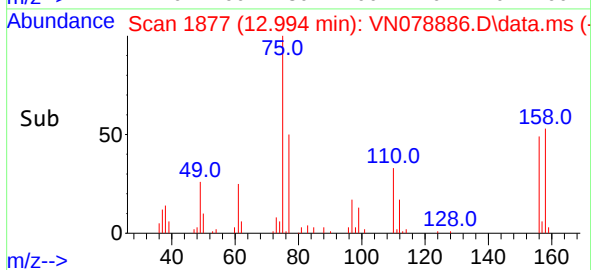
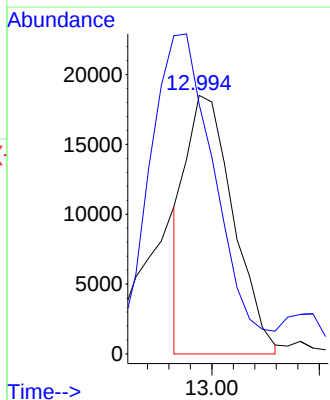
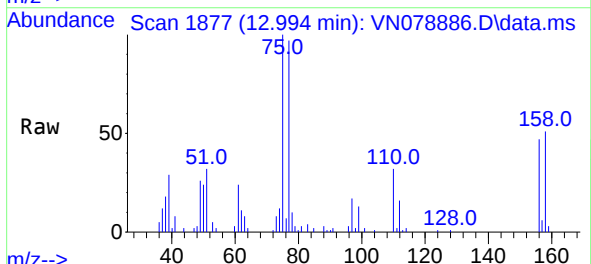
Manual Integrations
APPROVED

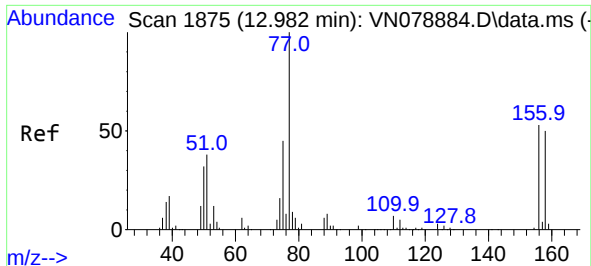
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#76
1,2,3-Trichloropropane
Concen: 7.384 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

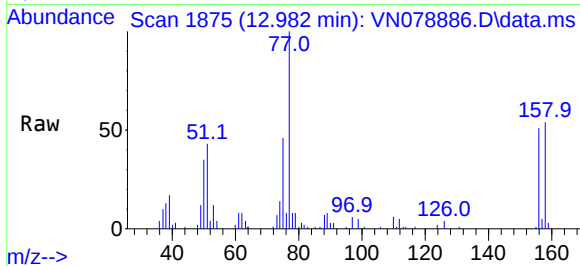
Tgt Ion: 75 Resp: 28344
Ion Ratio Lower Upper
75 100
77 172.6 84.5 253.5





#77
Bromobenzene
Concen: 10.263 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

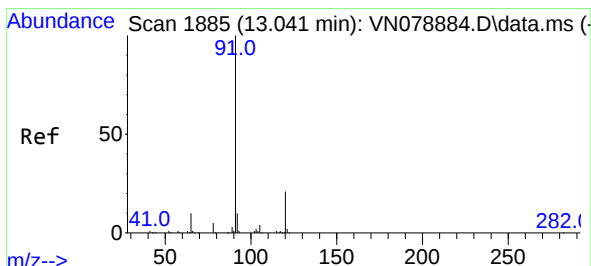
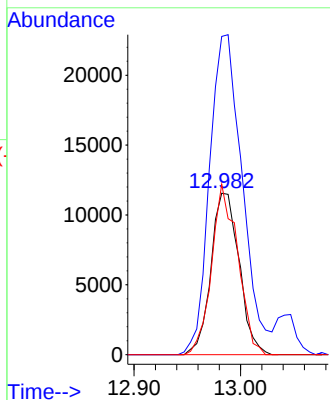
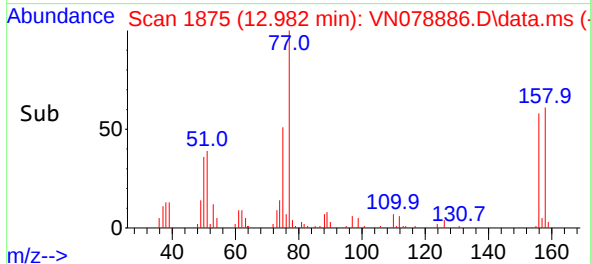
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



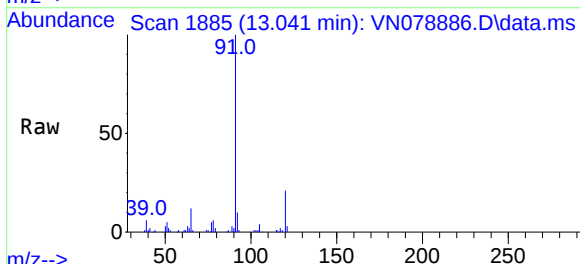
Tgt Ion:156 Resp: 21279
Ion Ratio Lower Upper
156 100
77 229.9 107.7 323.3
158 97.7 48.4 145.3

Manual Integrations
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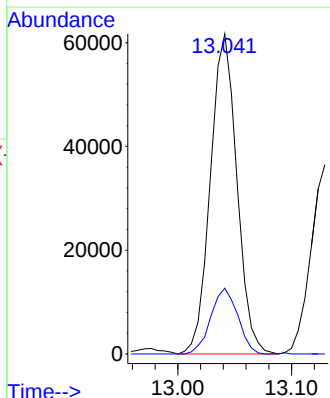
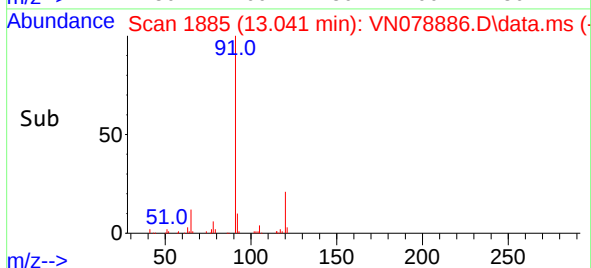
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

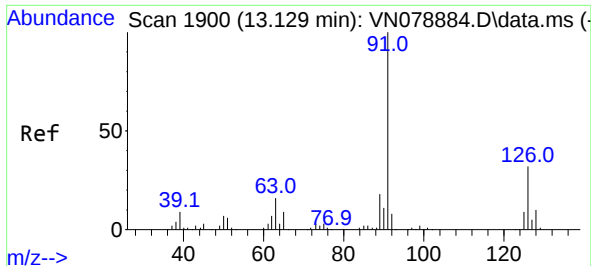


#78
n-propylbenzene
Concen: 9.985 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01



Tgt Ion: 91 Resp: 99880
Ion Ratio Lower Upper
91 100
120 20.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 10.279 ug/l

RT: 13.129 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VN078886.D

Acq: 15 Aug 2023 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

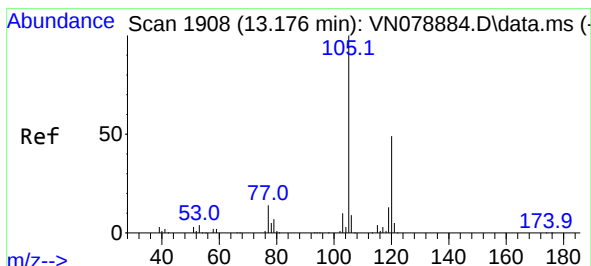
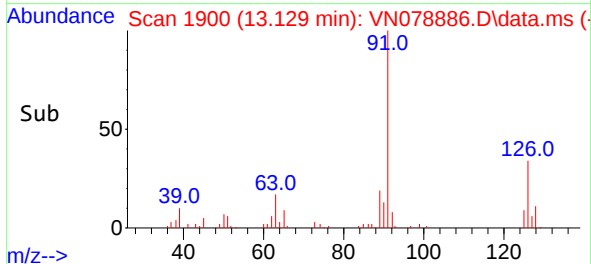
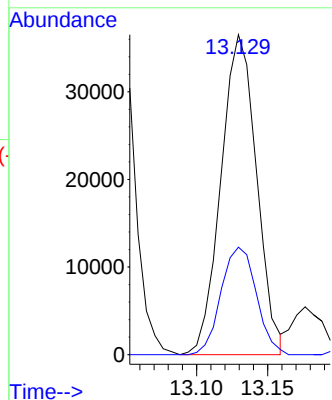
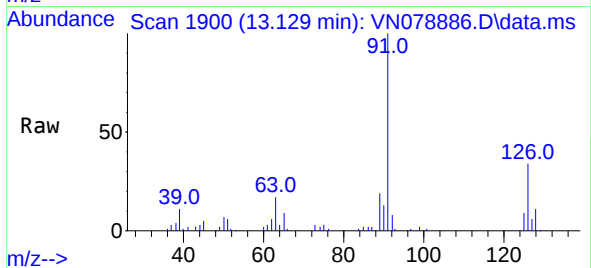
Tgt Ion: 91 Resp: 63782
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.3 48.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#80

1,3,5-Trimethylbenzene

Concen: 10.076 ug/l

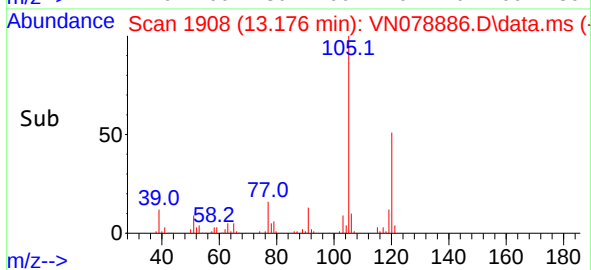
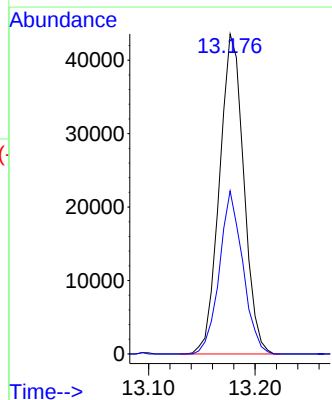
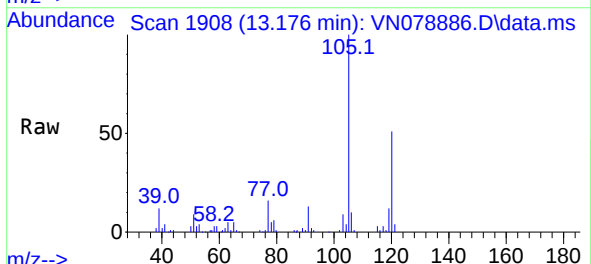
RT: 13.176 min Scan# 1908

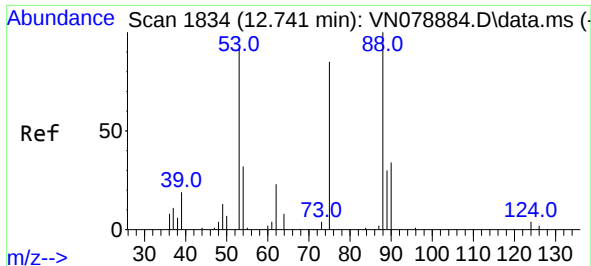
Delta R.T. 0.000 min

Lab File: VN078886.D

Acq: 15 Aug 2023 13:01

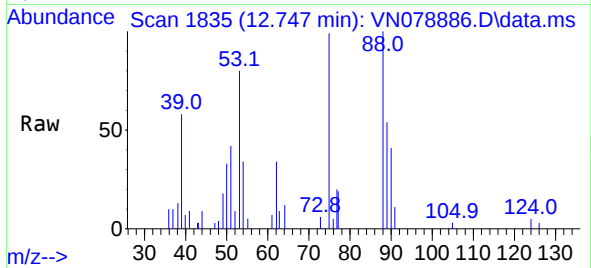
Tgt Ion:105 Resp: 68882
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 10.239 ug/l
RT: 12.747 min Scan# 1835
Delta R.T. 0.006 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

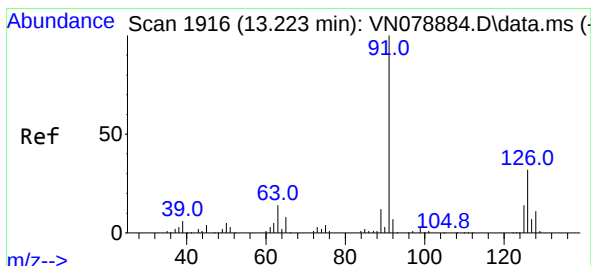
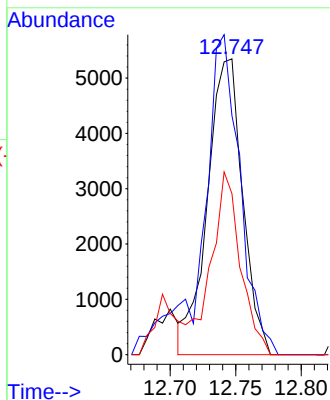
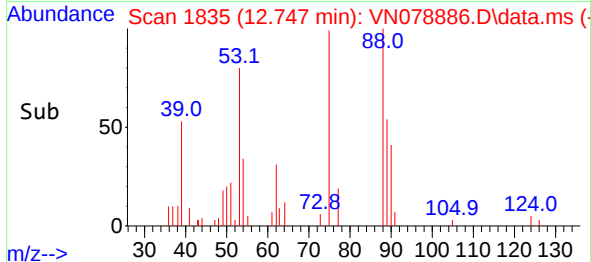
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



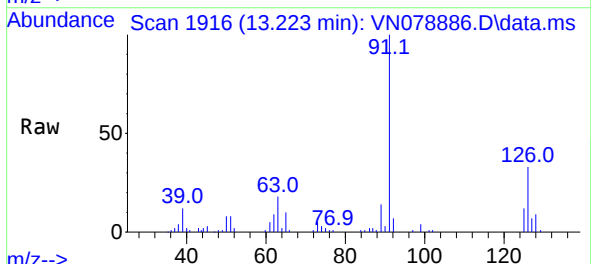
Tgt Ion: 75 Resp: 999
Ion Ratio Lower Upper
75 100
53 115.6 67.4 101.2
89 51.4 38.8 58.2

Manual Integrations
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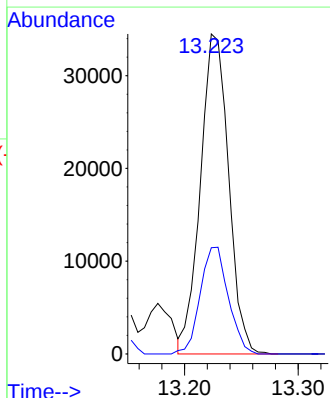
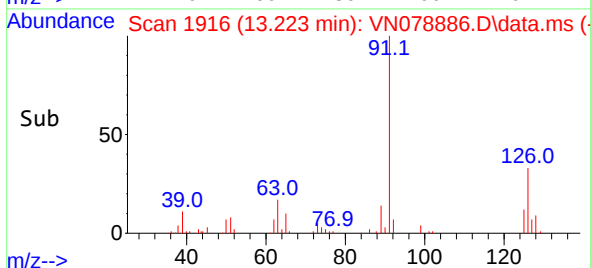
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

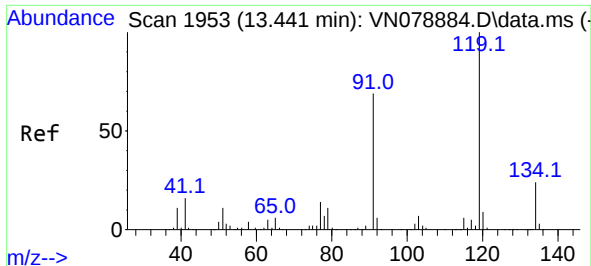


#82
4-Chlorotoluene
Concen: 9.806 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01



Tgt Ion: 91 Resp: 59537
Ion Ratio Lower Upper
91 100
126 33.3 16.7 50.0





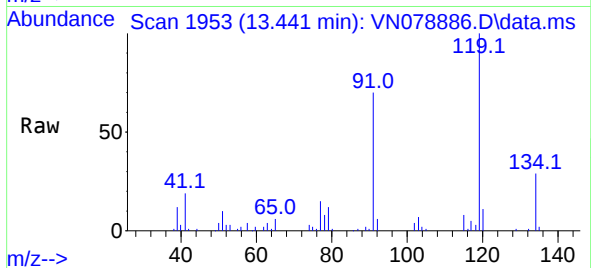
#83
tert-Butylbenzene
Concen: 10.523 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

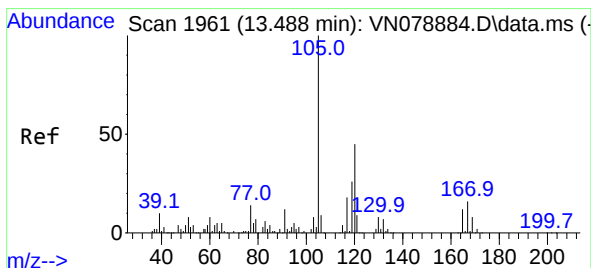
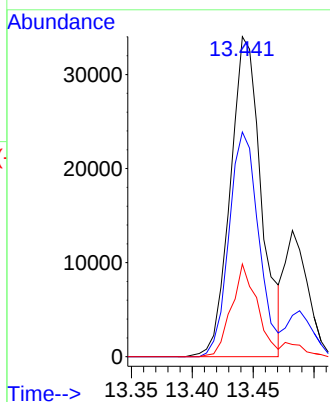
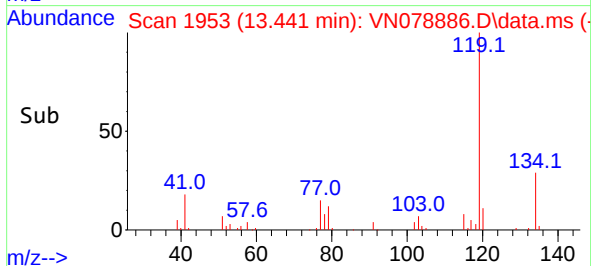


Tgt Ion:119 Resp: 60438
Ion Ratio Lower Upper
119 100
91 67.1 33.9 101.7
134 24.2 13.2 39.6

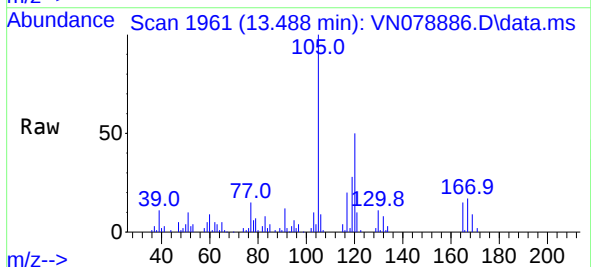
Manual Integrations

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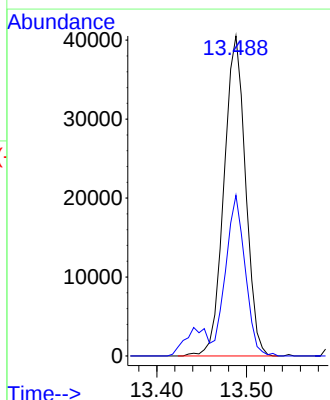
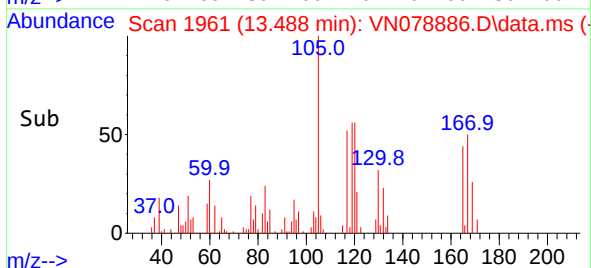
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

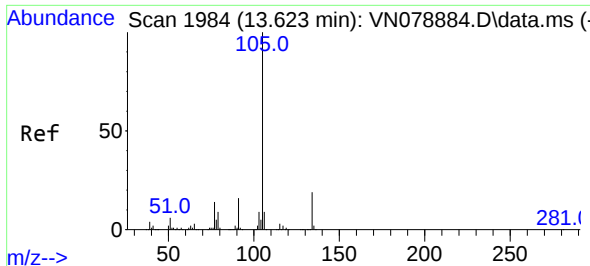


#84
1,2,4-Trimethylbenzene
Concen: 9.971 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01



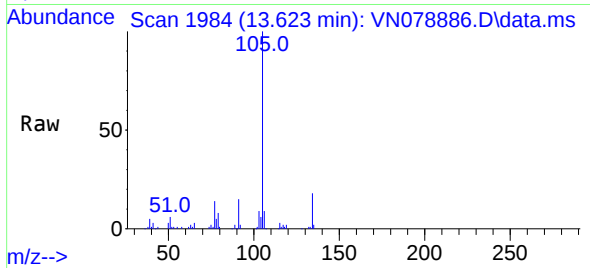
Tgt Ion:105 Resp: 67491
Ion Ratio Lower Upper
105 100
120 45.6 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 10.415 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078886.D
 Acq: 15 Aug 2023 13:01

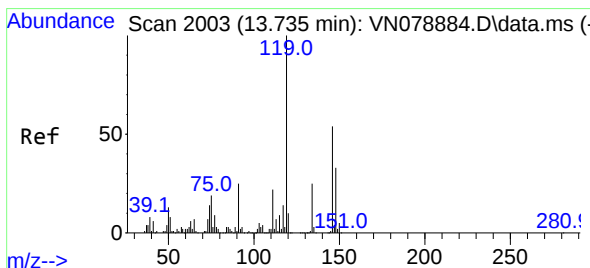
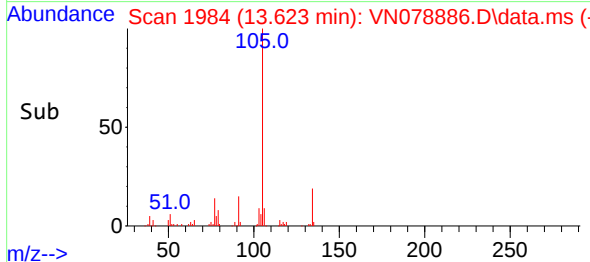
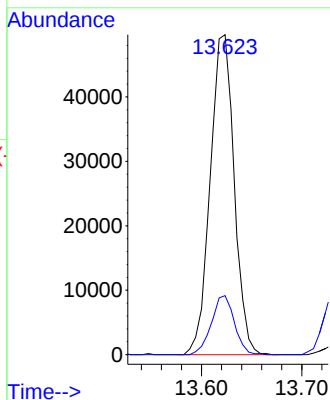
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



Tgt Ion:105 Resp: 8232
 Ion Ratio Lower Upper
 105 100
 134 17.7 9.8 29.3

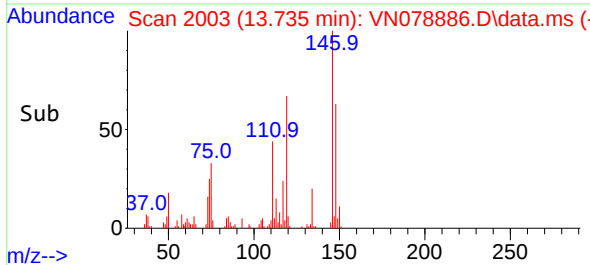
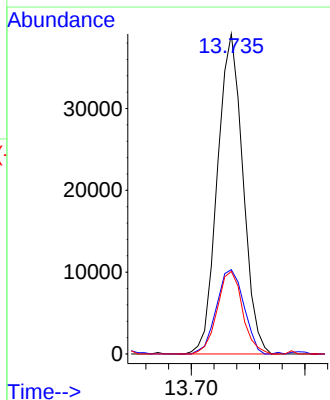
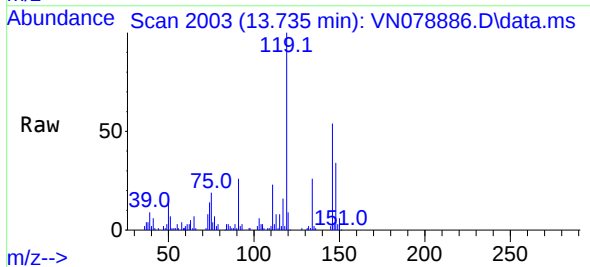
Manual Integrations
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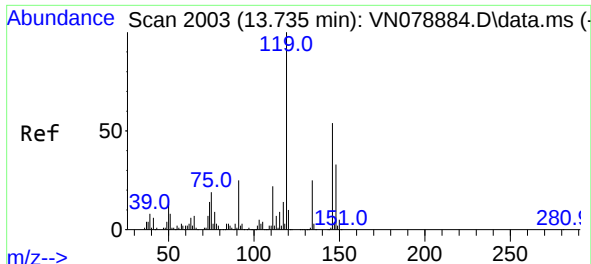
Reviewed By :John Carlone 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023



#86
 p-Isopropyltoluene
 Concen: 9.653 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078886.D
 Acq: 15 Aug 2023 13:01

Tgt Ion:119 Resp: 60960
 Ion Ratio Lower Upper
 119 100
 134 28.3 12.6 37.8
 91 25.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 9.993 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN078886.D

Acq: 15 Aug 2023 13:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion:146 Resp: 35654

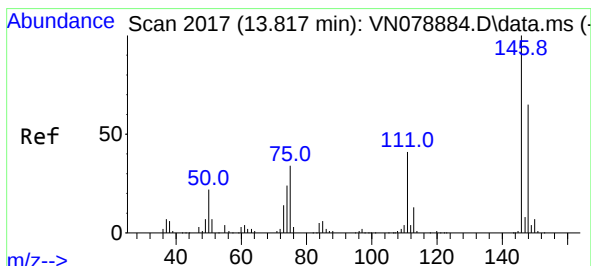
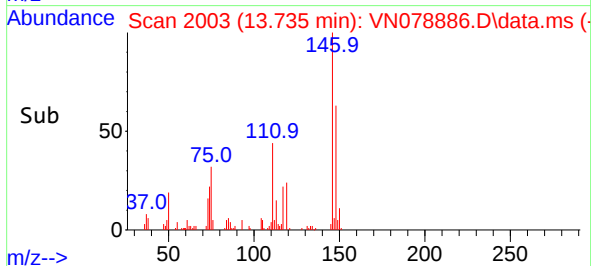
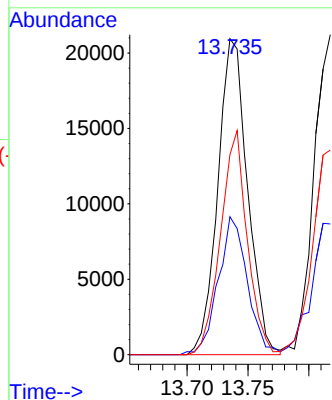
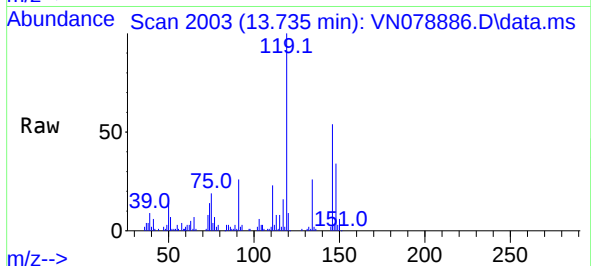
Ion	Ratio	Lower	Upper
146	100		
111	42.7	22.1	66.3
148	64.1	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#88

1,4-Dichlorobenzene

Concen: 9.992 ug/l

RT: 13.818 min Scan# 2017

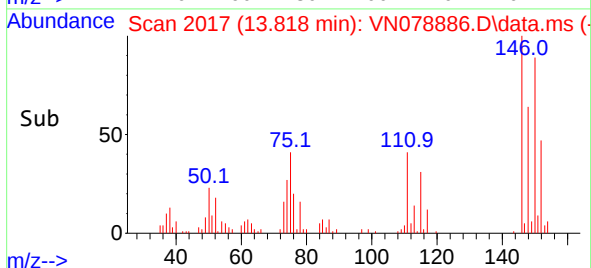
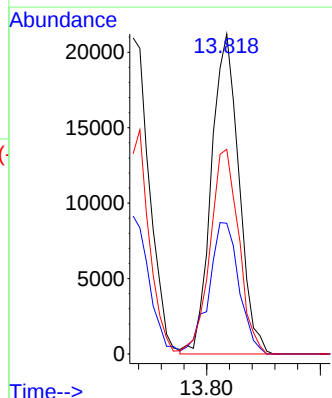
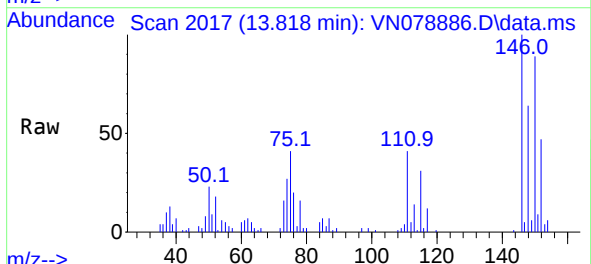
Delta R.T. -0.000 min

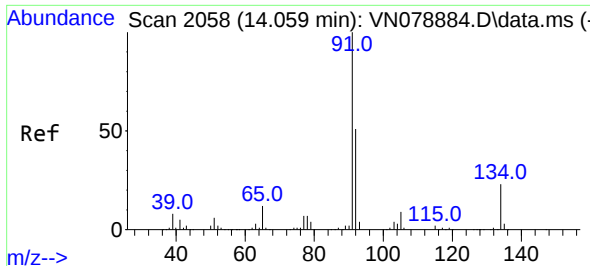
Lab File: VN078886.D

Acq: 15 Aug 2023 13:01

Tgt Ion:146 Resp: 35684

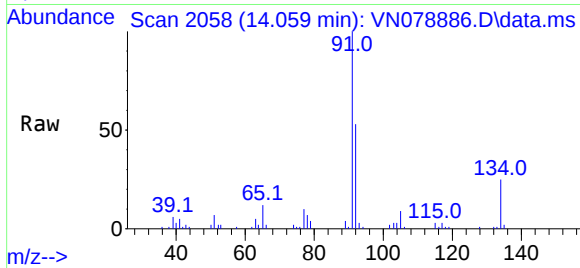
Ion	Ratio	Lower	Upper
146	100		
111	44.8	20.6	61.8
148	66.5	31.6	94.8





#89
n-Butylbenzene
Concen: 9.452 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

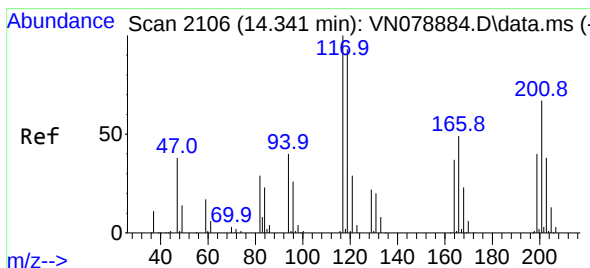
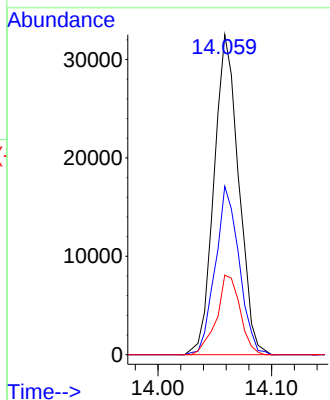
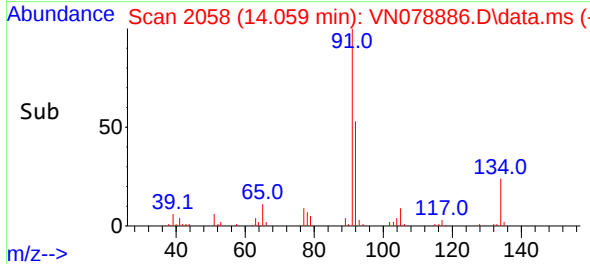
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 91 Resp: 49124
Ion Ratio Lower Upper
91 100
92 50.8 26.4 79.0
134 23.7 12.6 37.6

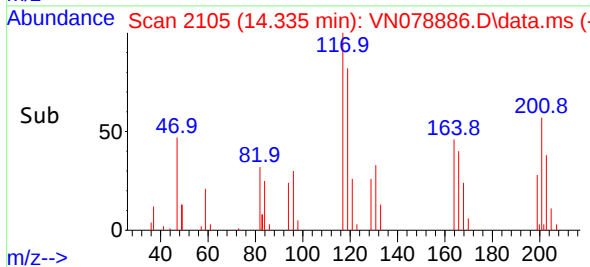
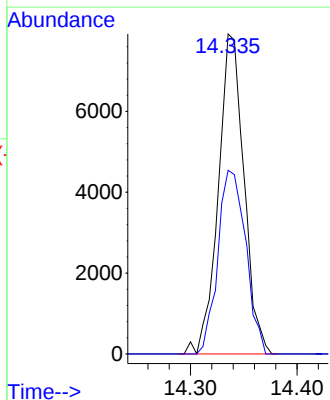
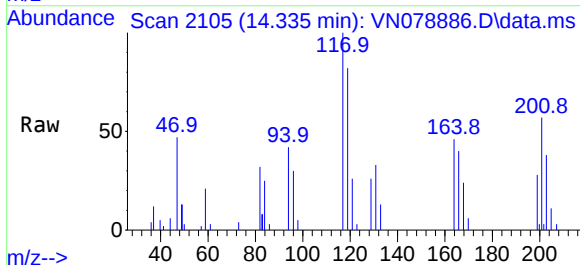
Manual Integrations
APPROVED

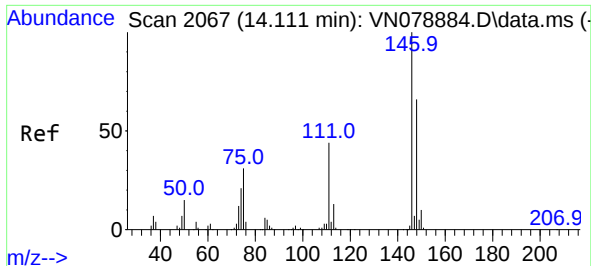
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#90
Hexachloroethane
Concen: 10.457 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

Tgt Ion:117 Resp: 13238
Ion Ratio Lower Upper
117 100
201 62.2 29.3 88.0





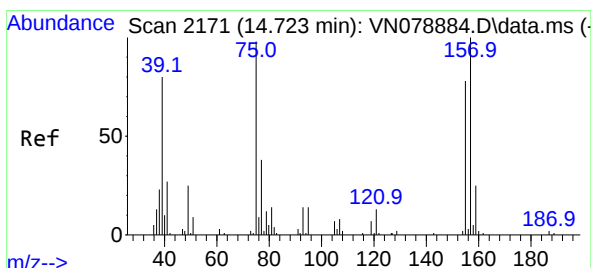
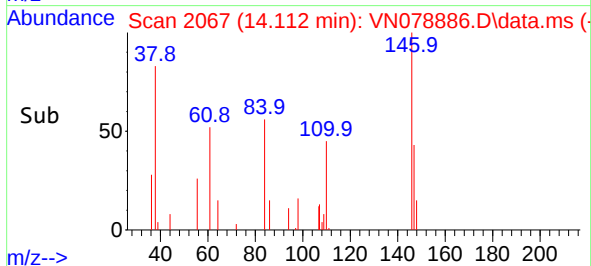
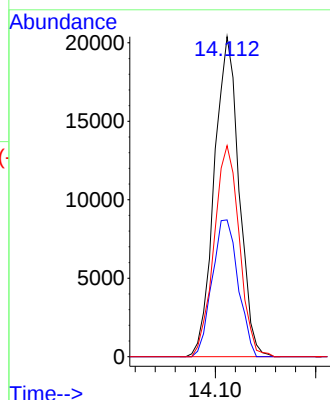
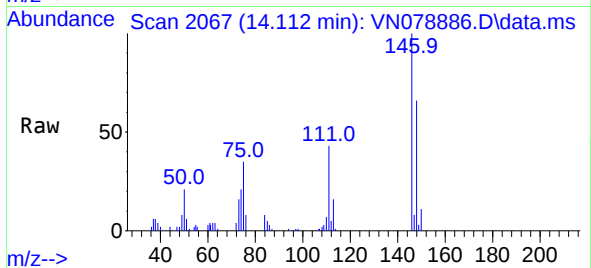
#91
1,2-Dichlorobenzene
Concen: 9.839 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 3490
Ion Ratio Lower Upper
146 100
111 44.8 22.0 66.0
148 67.3 31.8 95.3

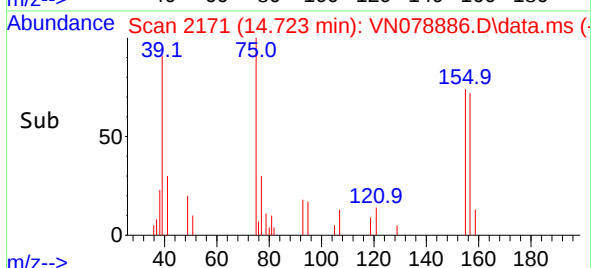
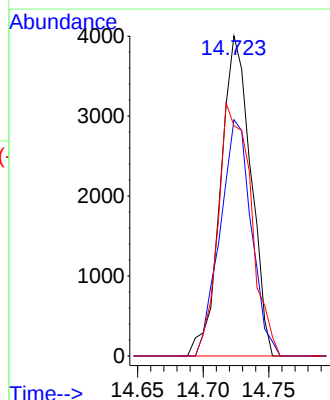
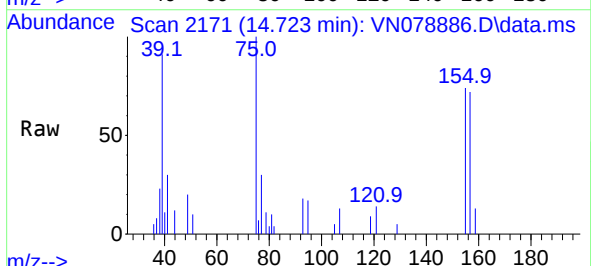
Manual Integrations
APPROVED

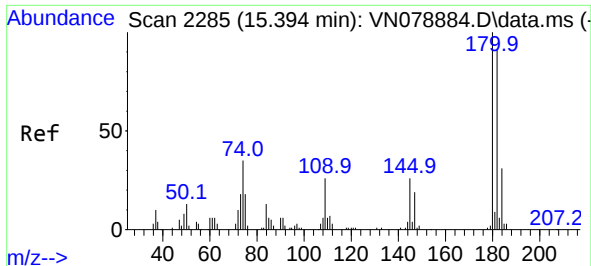
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 8.876 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

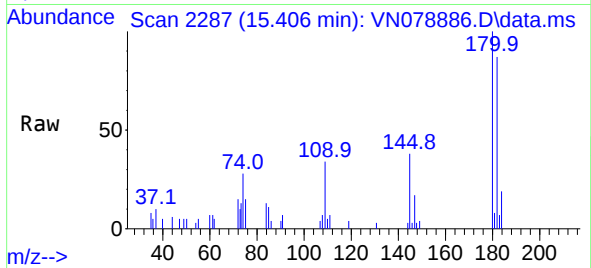
Tgt Ion: 75 Resp: 6409
Ion Ratio Lower Upper
75 100
155 76.5 39.1 117.2
157 85.6 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 8.714 ug/l
RT: 15.406 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

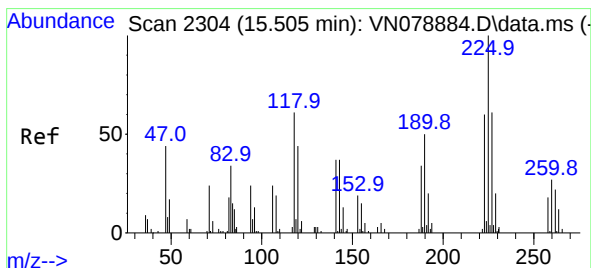
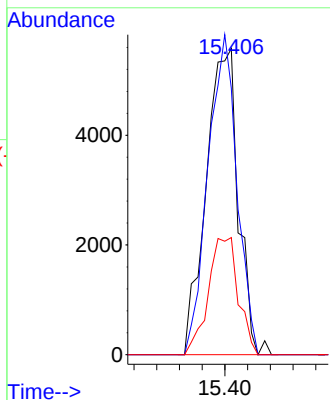
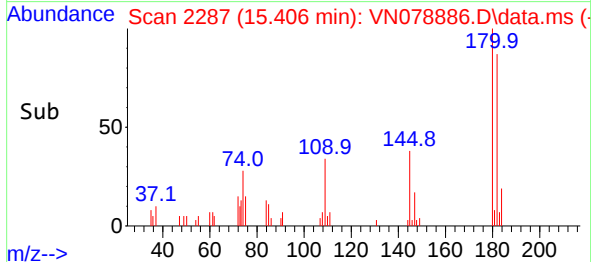
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



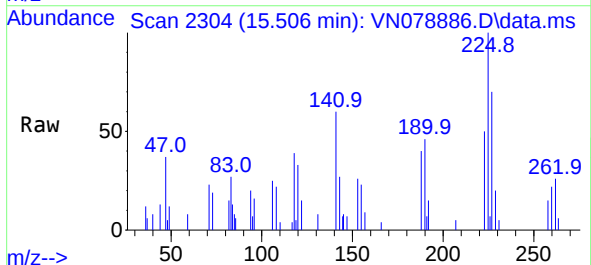
Tgt Ion:180 Resp: 1096
Ion Ratio Lower Upper
180 100
182 94.4 46.1 138.2
145 35.7 16.6 49.8

Manual Integrations
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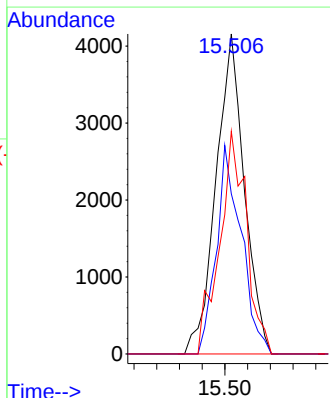
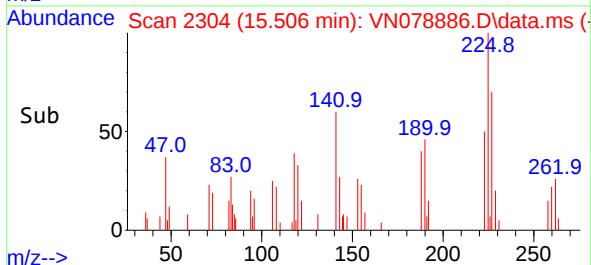
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

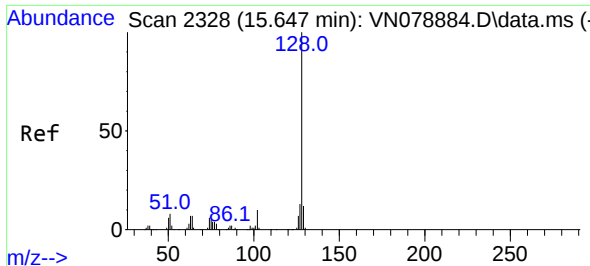


#94
Hexachlorobutadiene
Concen: 9.589 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01



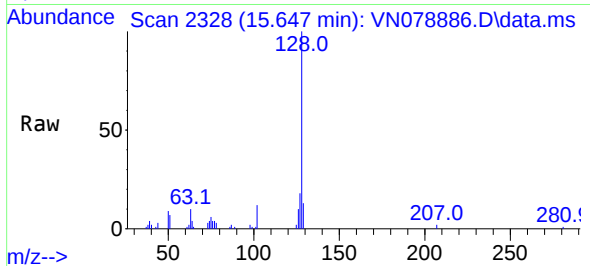
Tgt Ion:225 Resp: 7213
Ion Ratio Lower Upper
225 100
223 57.0 31.3 93.8
227 66.0 31.9 95.9





#95
Naphthalene
Concen: 9.812 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01

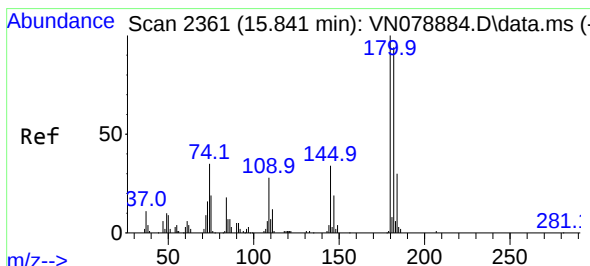
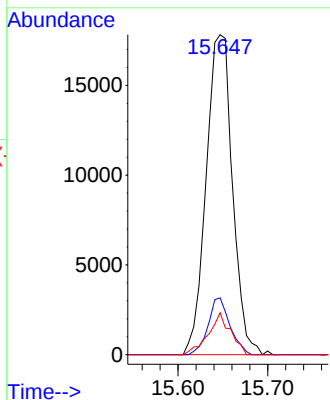
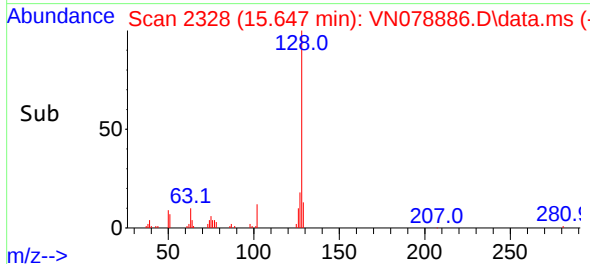
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



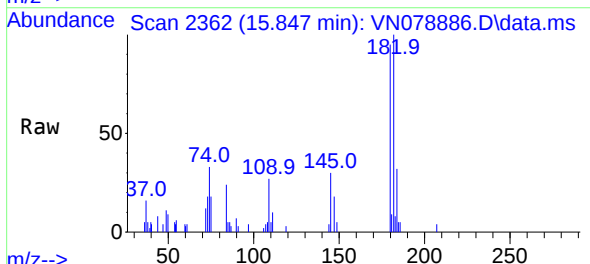
Tgt Ion:128 Resp: 3637
Ion Ratio Lower Upper
128 100
127 14.7 10.0 15.0
129 11.1 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#96
1,2,3-Trichlorobenzene
Concen: 9.857 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078886.D
Acq: 15 Aug 2023 13:01



Tgt Ion:180 Resp: 13579
Ion Ratio Lower Upper
180 100
182 95.4 46.2 138.6
145 35.9 17.5 52.6

