

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081523\
 Data File : VN078883.D
 Acq On : 15 Aug 2023 11:49
 Operator : JC\MD
 Sample : VSTDICC075
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC075

Quant Time: Aug 16 02:17:42 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	187364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	325436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	299329	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	141531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	216429	74.233	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 148.460%#			
35) Dibromofluoromethane	8.171	113	167999	76.689	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 153.380%#			
50) Toluene-d8	10.571	98	649624	79.864	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 159.720%#			
62) 4-Bromofluorobenzene	12.853	95	222195	83.572	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 167.140%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.130	85	182662	70.261	ug/l	99
3) Chloromethane	2.365	50	238974	65.837	ug/l	99
4) Vinyl Chloride	2.512	62	231469	72.714	ug/l	97
5) Bromomethane	2.930	94	123303	67.465	ug/l	99
6) Chloroethane	3.106	64	149249	67.746	ug/l	95
7) Trichlorofluoromethane	3.489	101	281547	72.616	ug/l	98
8) Diethyl Ether	3.965	74	105448	71.740	ug/l #	52
9) 1,1,2-Trichlorotrifluo...	4.371	101	148299	71.816	ug/l	99
10) Methyl Iodide	4.583	142	177930	77.013	ug/l	97
11) Tert butyl alcohol	5.530	59	175875	359.491	ug/l	98
12) 1,1-Dichloroethene	4.342	96	145420	72.294	ug/l #	79
13) Acrolein	4.183	56	84541	364.333	ug/l	97
14) Allyl chloride	5.018	41	266183	66.488	ug/l #	88
15) Acrylonitrile	5.718	53	485462	366.286	ug/l	98
16) Acetone	4.430	43	438646	364.627	ug/l	94
17) Carbon Disulfide	4.712	76	400647	71.156	ug/l	99
18) Methyl Acetate	5.030	43	357807	70.407	ug/l #	82
19) Methyl tert-butyl Ether	5.800	73	545224	75.247	ug/l	94
20) Methylene Chloride	5.283	84	178507	69.629	ug/l #	77
21) trans-1,2-Dichloroethene	5.789	96	162989	72.259	ug/l #	77
22) Diisopropyl ether	6.677	45	633903	74.846	ug/l #	90
23) Vinyl Acetate	6.606	43	2107712	377.957	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	334330	72.259	ug/l	98
25) 2-Butanone	7.489	43	720154	373.383	ug/l #	77
26) 2,2-Dichloropropane	7.494	77	281118	75.166	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	195426	71.282	ug/l	84
28) Bromochloromethane	7.818	49	186368	75.933	ug/l #	70
29) Tetrahydrofuran	7.841	42	473585	370.968	ug/l #	71
30) Chloroform	7.971	83	336885	72.881	ug/l	98
31) Cyclohexane	8.259	56	272126	76.228	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	291317	73.912	ug/l	93
36) 1,1-Dichloropropene	8.377	75	252526	76.632	ug/l	94
37) Ethyl Acetate	7.565	43	279308	75.755	ug/l #	89
38) Carbon Tetrachloride	8.365	117	255339	77.332	ug/l	99
39) Methylcyclohexane	9.606	83	239131	78.903	ug/l #	86
40) Benzene	8.612	78	737814	75.749	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	147919	73.663	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	267642	73.549	ug/l	97
43) Isopropyl Acetate	8.694	43	483716	74.227	ug/l #	87
44) Trichloroethene	9.359	130	177667	76.767	ug/l	98
45) 1,2-Dichloropropane	9.630	63	197988	76.347	ug/l	97
46) Dibromomethane	9.712	93	133035	74.793	ug/l	98
47) Bromodichloromethane	9.894	83	269610	76.761	ug/l	98
48) Methyl methacrylate	9.688	41	230067	77.908	ug/l #	77
49) 1,4-Dioxane	9.700	88	74055	1472.287	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1495658	386.965	ug/l #	86
52) Toluene	10.635	92	461563	77.183	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	300605	79.807	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	315913	77.010	ug/l #	84
55) 1,1,2-Trichloroethane	11.018	97	182012	75.908	ug/l	98
56) Ethyl methacrylate	10.877	69	301595	81.141	ug/l #	72
57) 1,3-Dichloropropane	11.171	76	328018	76.483	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	731506	409.987	ug/l	89
59) 2-Hexanone	11.200	43	1111470	397.027	ug/l	84
60) Dibromochloromethane	11.365	129	199683	79.138	ug/l	100
61) 1,2-Dibromoethane	11.476	107	188021	77.163	ug/l	99
64) Tetrachloroethene	11.106	164	139946	74.552	ug/l	95
65) Chlorobenzene	11.894	112	476764	74.826	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	182055	75.607	ug/l	97
67) Ethyl Benzene	11.971	91	896413	77.364	ug/l	97
68) m/p-Xylenes	12.076	106	676781	156.223	ug/l	97
69) o-Xylene	12.400	106	329565	78.204	ug/l	94
70) Styrene	12.418	104	570101	81.131	ug/l	99
71) Bromoform	12.582	173	142959	81.664	ug/l #	99
73) Isopropylbenzene	12.700	105	835061	70.761	ug/l	99
74) N-amyl acetate	12.500	43	439877	73.845	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.941	83	282628	66.328	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	232758m	44.323	ug/l	
77) Bromobenzene	12.982	156	199093	70.187	ug/l	97
78) n-propylbenzene	13.041	91	991320	72.441	ug/l	97
79) 2-Chlorotoluene	13.129	91	590365	69.547	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	667199	71.343	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	97061	72.708	ug/l #	87
82) 4-Chlorotoluene	13.223	91	593424	71.445	ug/l	100
83) tert-Butylbenzene	13.441	119	581722	74.033	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	670392	72.396	ug/l	99
85) sec-Butylbenzene	13.623	105	780795	72.205	ug/l	99
86) p-Isopropyltoluene	13.735	119	647386	74.933	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	357097	73.158	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	358393	73.358	ug/l	99
89) n-Butylbenzene	14.059	91	551027	77.501	ug/l	100
90) Hexachloroethane	14.341	117	122264	70.597	ug/l	88
91) 1,2-Dichlorobenzene	14.112	146	350957	72.301	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	53678	78.663	ug/l	99
93) 1,2,4-Trichlorobenzene	15.400	180	145295	84.434	ug/l	97
94) Hexachlorobutadiene	15.506	225	63281	77.948	ug/l	97
95) Naphthalene	15.647	128	507233	76.341	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	149962	79.568	ug/l	97

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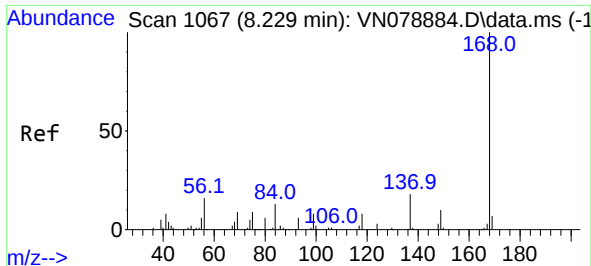
Manual Integrations
APPROVED

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

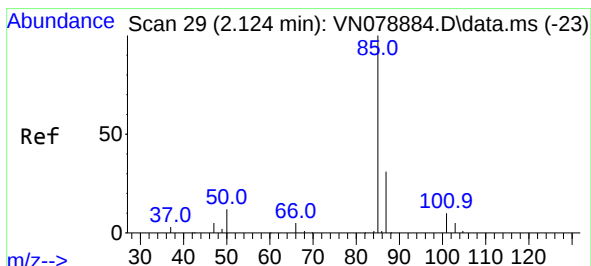
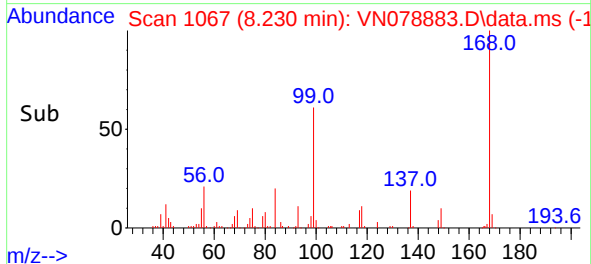
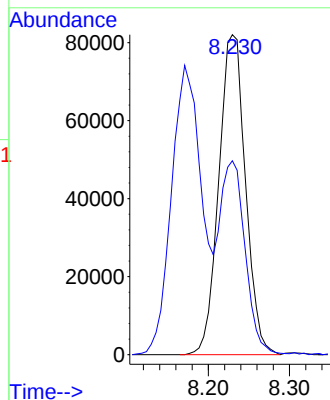
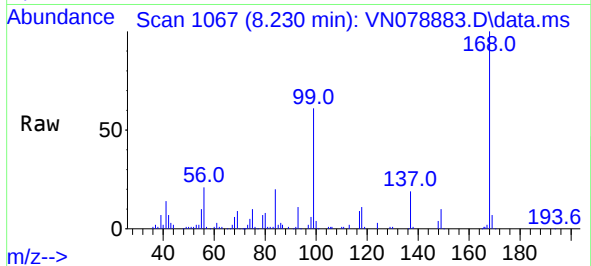
VSTDICC075

Tgt Ion:168 Resp: 187364
Ion Ratio Lower Upper
168 100
99 60.2 53.0 79.6

Manual Integrations

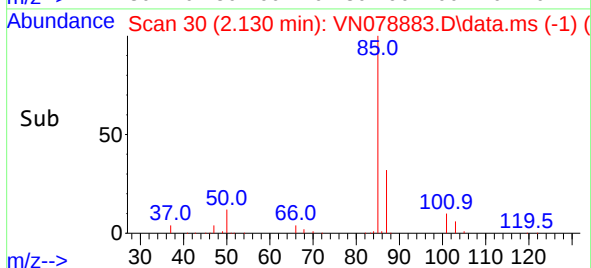
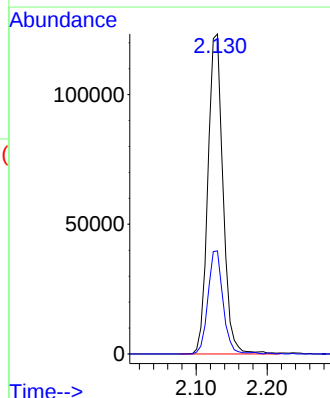
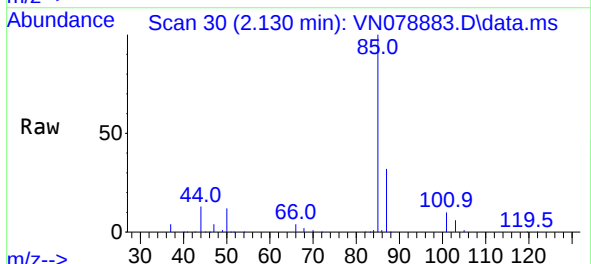
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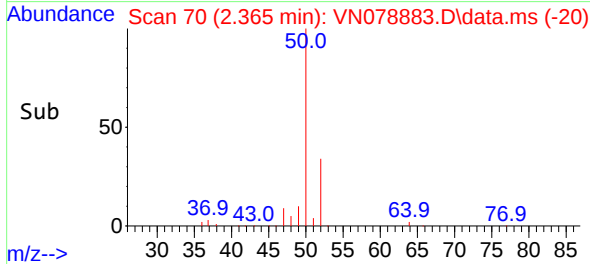
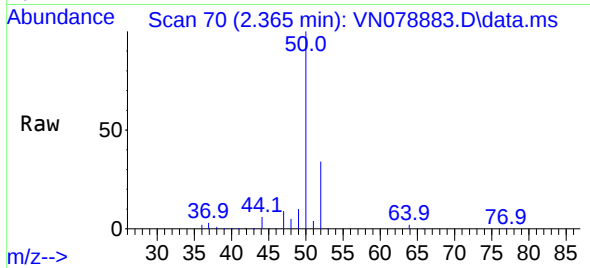
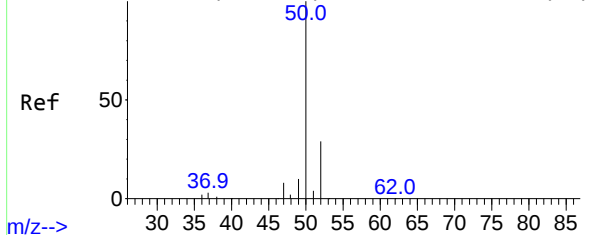


#2
Dichlorodifluoromethane
Concen: 70.261 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Tgt Ion: 85 Resp: 182662
Ion Ratio Lower Upper
85 100
87 32.2 15.8 47.4



Abundance Scan 70 (2.365 min): VN078884.D\data.ms (-62)



#3

Chloromethane

Concen: 65.837 ug/l

RT: 2.365 min Scan# 70

Delta R.T. -0.006 min

Lab File: VN078883.D

Acq: 15 Aug 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 50 Resp: 238974

Ion Ratio Lower Upper

50 100

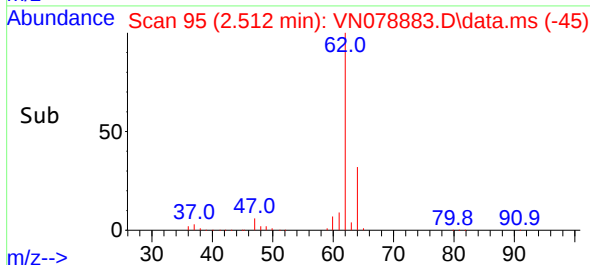
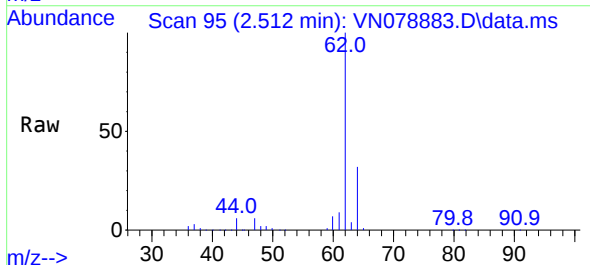
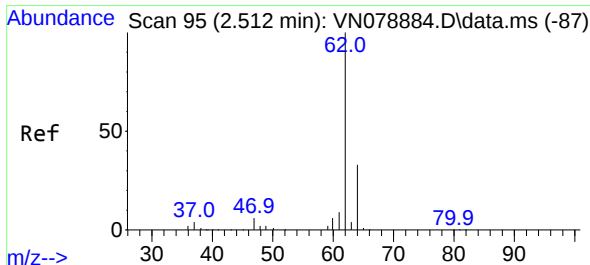
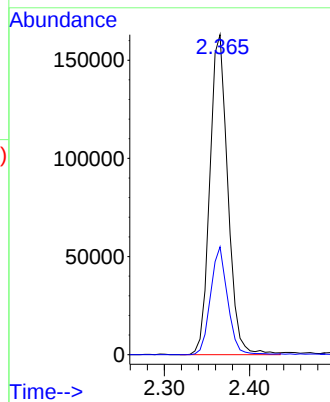
52 33.7 26.5 39.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 72.714 ug/l

RT: 2.512 min Scan# 95

Delta R.T. -0.006 min

Lab File: VN078883.D

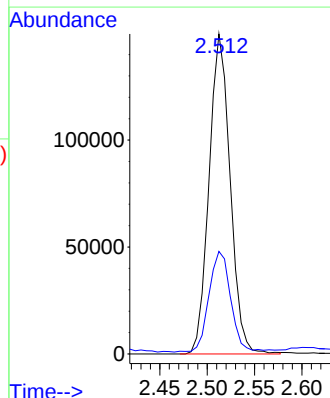
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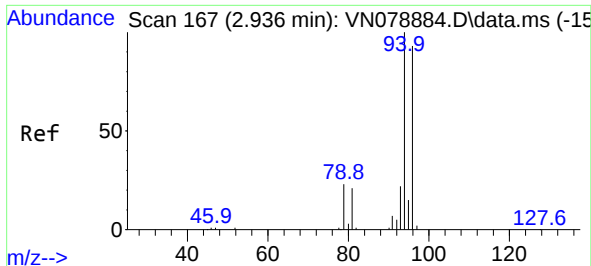
Tgt Ion: 62 Resp: 231469

Ion Ratio Lower Upper

62 100

64 31.2 26.2 39.2





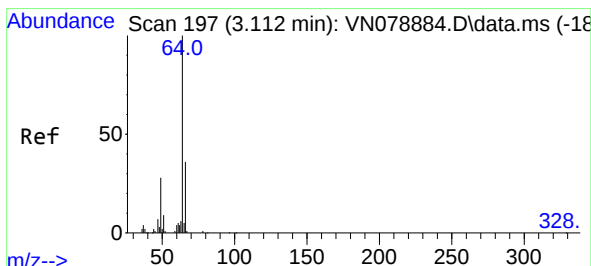
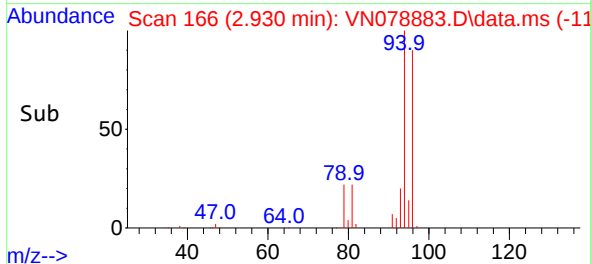
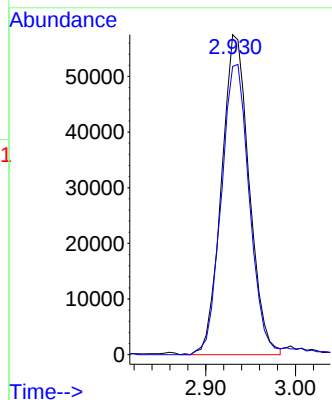
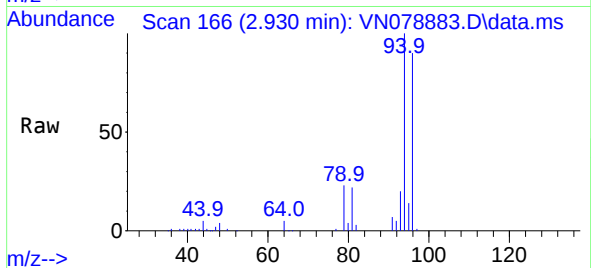
#5
Bromomethane
Concen: 67.465 ug/l
RT: 2.930 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN078883.D
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Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 12330
Ion Ratio Lower Upper
94 100
96 90.1 73.1 109.7

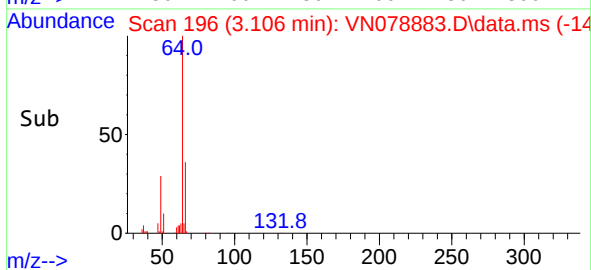
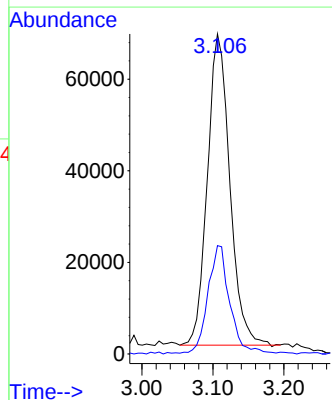
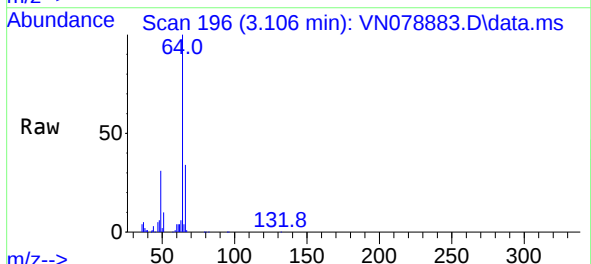
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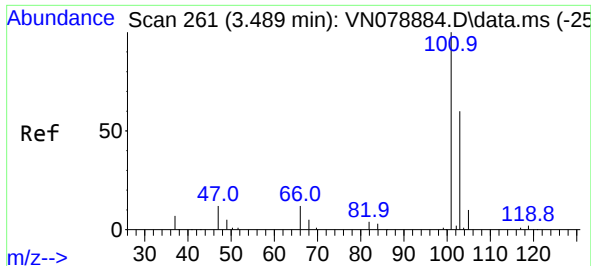
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#6
Chloroethane
Concen: 67.746 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN078883.D
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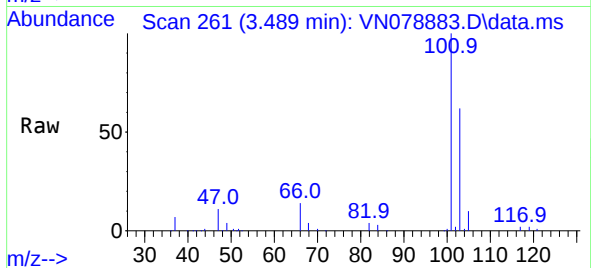
Tgt Ion: 64 Resp: 149249
Ion Ratio Lower Upper
64 100
66 34.5 25.4 38.2





#7
Trichlorofluoromethane
Concen: 72.616 ug/l
RT: 3.489 min Scan# 201
Delta R.T. -0.012 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

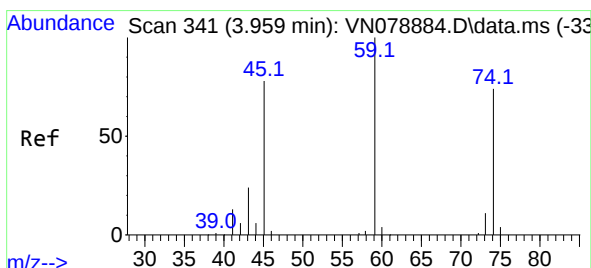
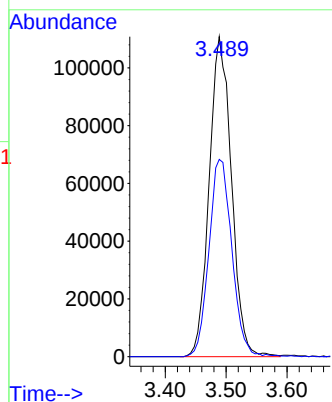
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion:101 Resp: 28154
Ion Ratio Lower Upper
101 100
103 61.7 50.7 76.1

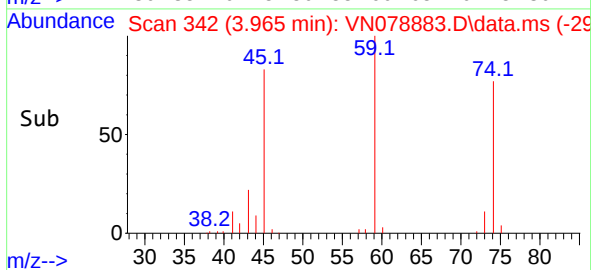
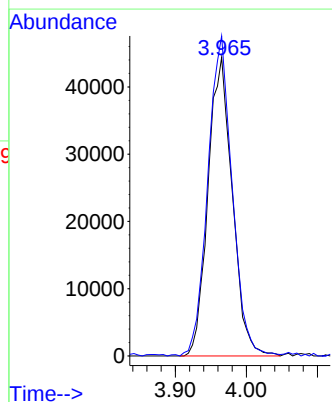
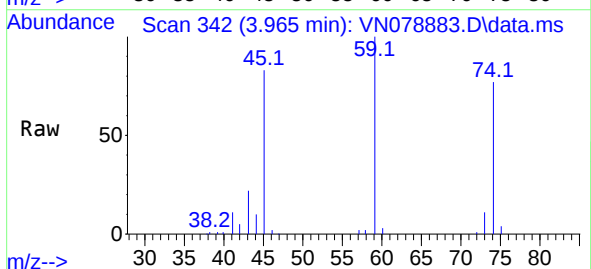
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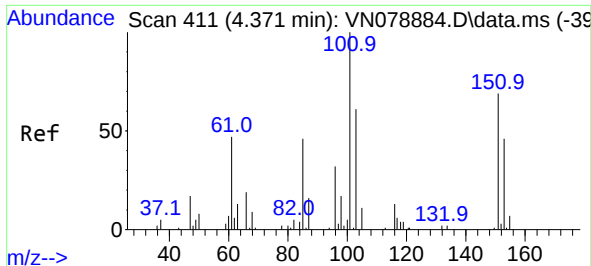
Reviewed By :John Carlone 08/16/2023
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#8
Diethyl Ether
Concen: 71.740 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 105448
Ion Ratio Lower Upper
74 100
45 107.7 34.4 103.3#





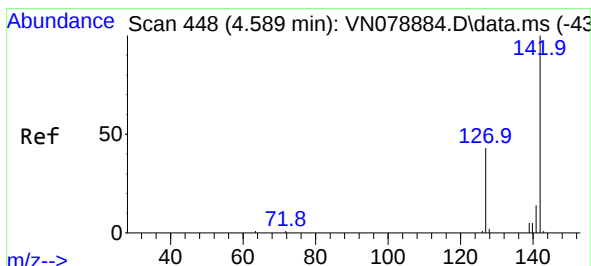
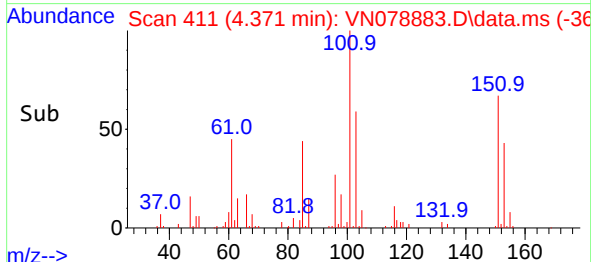
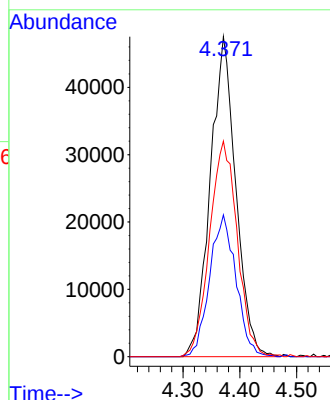
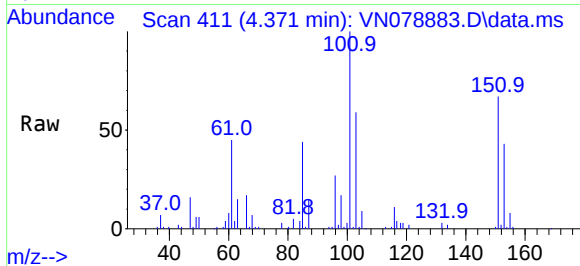
#9
1,1,2-Trichlorotrifluoroethane
Concen: 71.816 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion:101 Resp: 148299
Ion Ratio Lower Upper
101 100
85 45.8 36.6 55.0
151 73.2 57.6 86.4

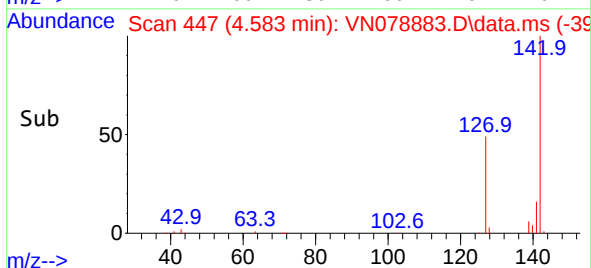
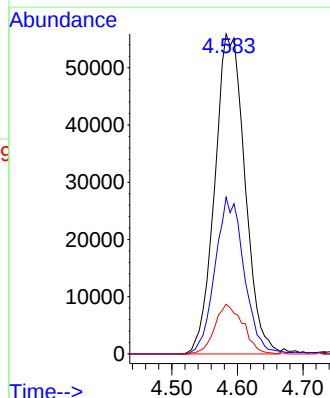
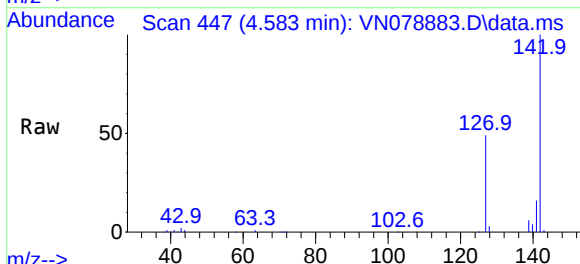
Manual Integrations
APPROVED

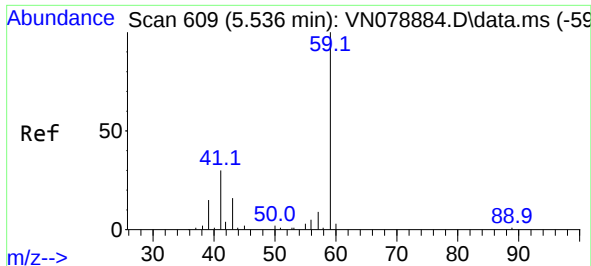
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#10
Methyl Iodide
Concen: 77.013 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.017 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Tgt Ion:142 Resp: 177930
Ion Ratio Lower Upper
142 100
127 48.9 37.6 56.4
141 15.6 11.4 17.0





#11

Tert butyl alcohol

Concen: 359.491 ug/l

RT: 5.530 min Scan# 609

Delta R.T. -0.012 min

Lab File: VN078883.D

Acq: 15 Aug 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 59 Resp: 175875

Ion Ratio Lower Upper

59 100

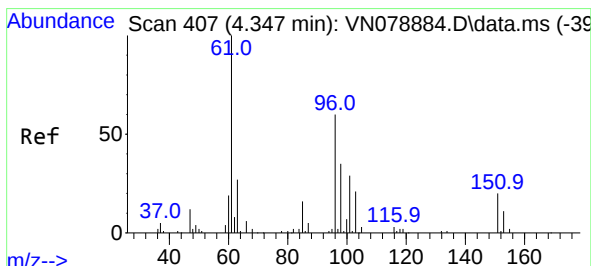
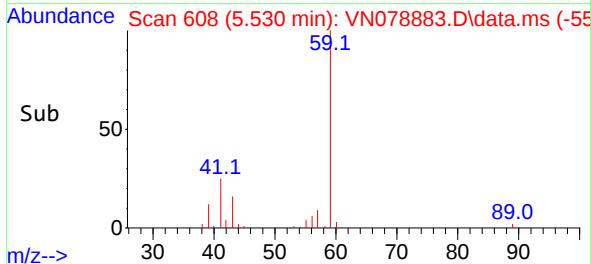
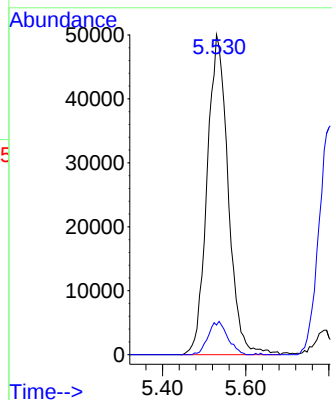
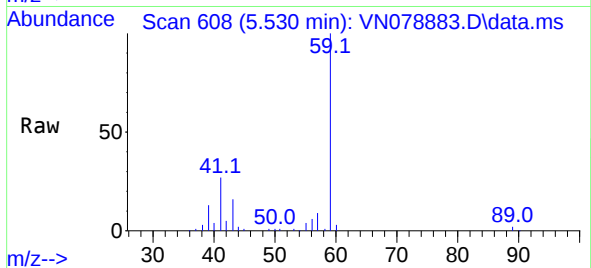
57 9.6 8.2 12.4

Manual Integrations

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Reviewed By :John Carlone 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#12

1,1-Dichloroethene

Concen: 72.294 ug/l

RT: 4.342 min Scan# 406

Delta R.T. -0.006 min

Lab File: VN078883.D

Acq: 15 Aug 2023 11:49

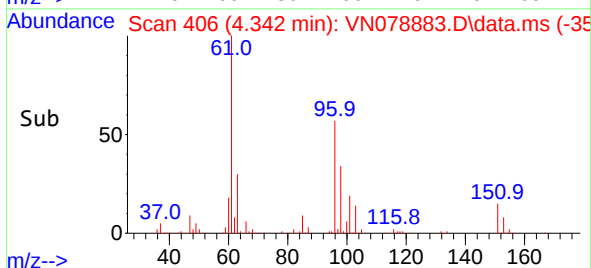
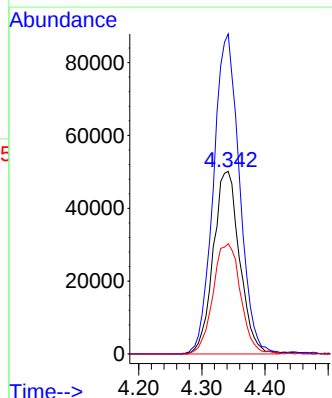
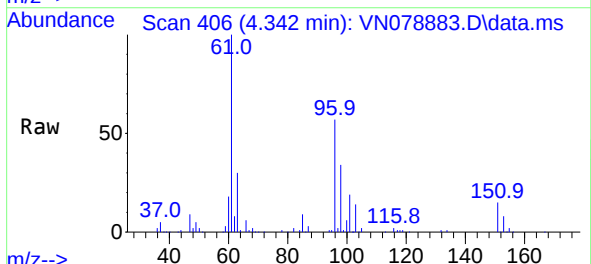
Tgt Ion: 96 Resp: 145420

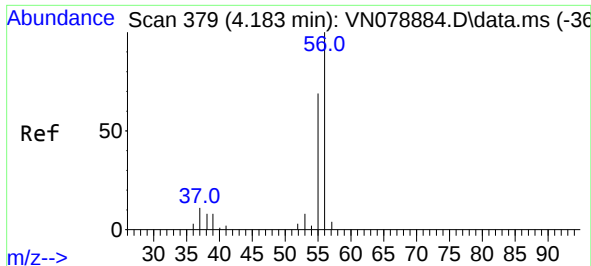
Ion Ratio Lower Upper

96 100

61 175.4 112.7 169.1#

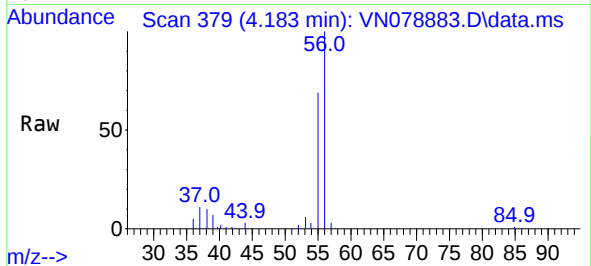
98 60.4 51.2 76.8





#13
Acrolein
Concen: 364.333 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

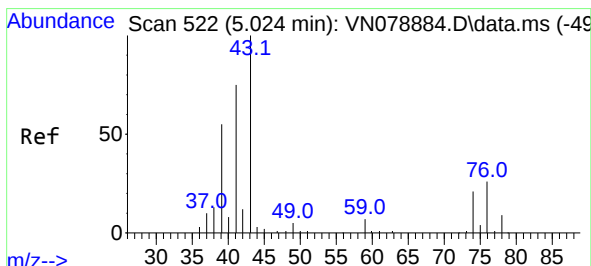
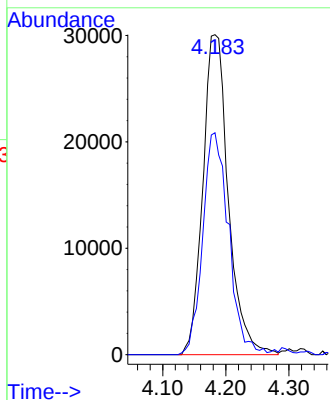
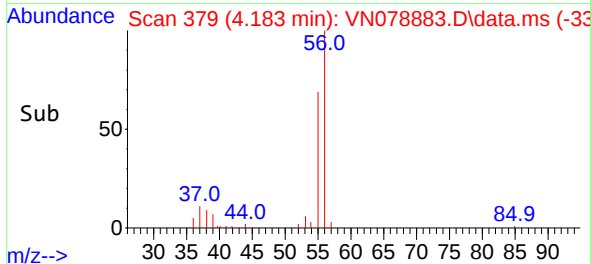
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



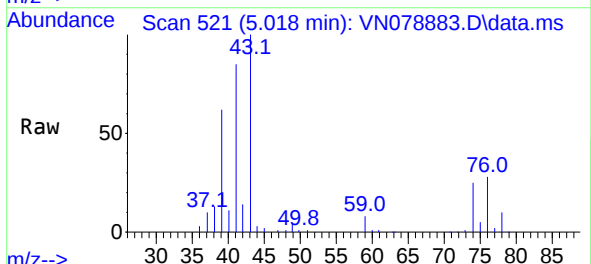
Tgt Ion: 56 Resp: 8454
Ion Ratio Lower Upper
56 100
55 70.4 54.5 81.7

Manual Integrations
APPROVED

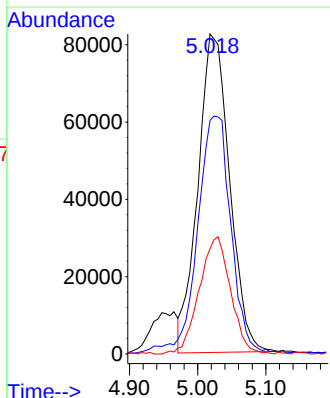
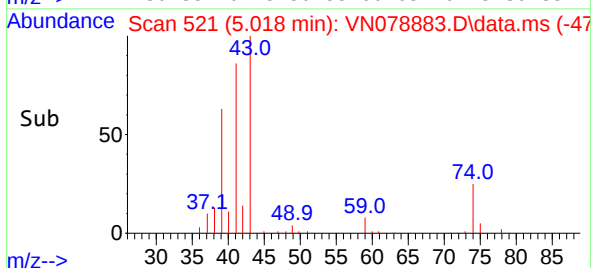
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

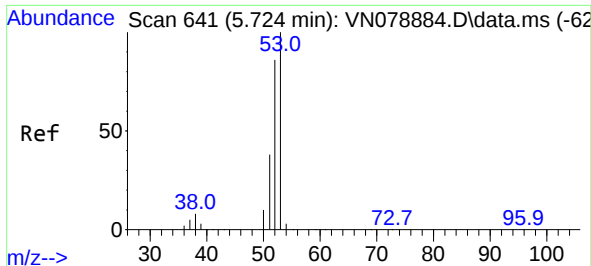


#14
Allyl chloride
Concen: 66.488 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.012 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49



Tgt Ion: 41 Resp: 266183
Ion Ratio Lower Upper
41 100
39 79.3 58.8 88.2
76 36.3 39.1 58.7#





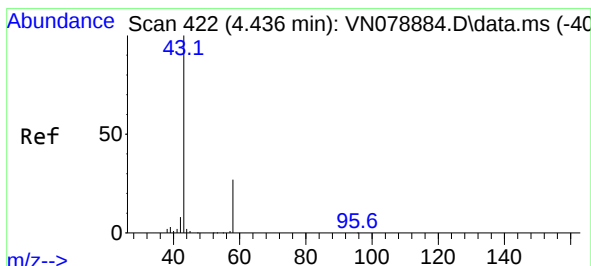
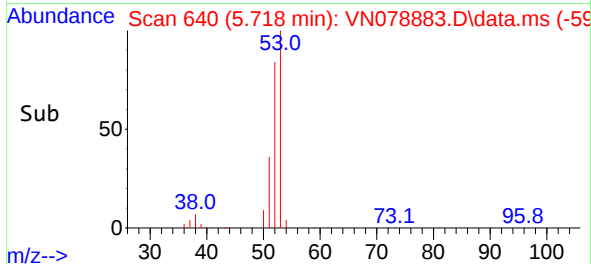
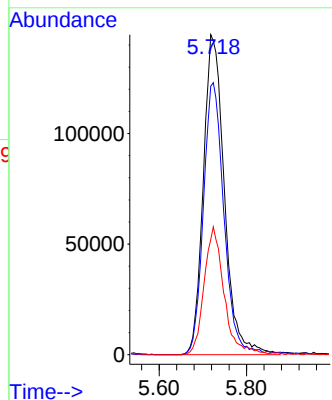
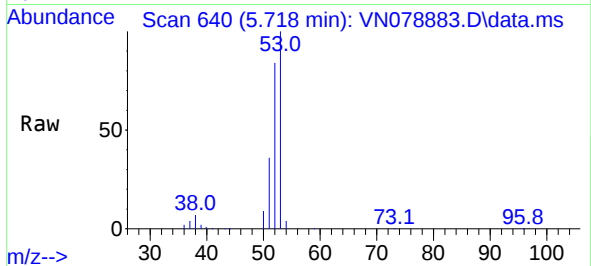
#15
Acrylonitrile
Concen: 366.286 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.012 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 53 Resp: 485462
Ion Ratio Lower Upper
53 100
52 82.6 65.3 97.9
51 37.7 28.9 43.3

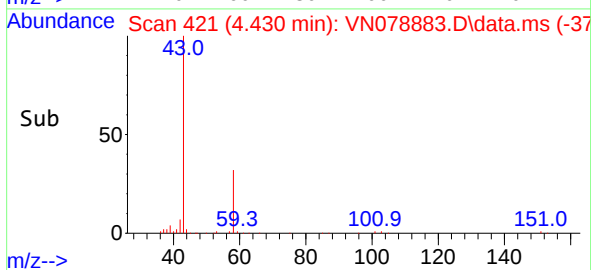
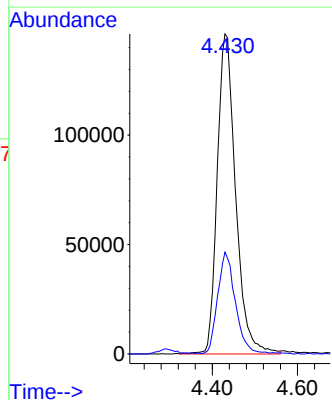
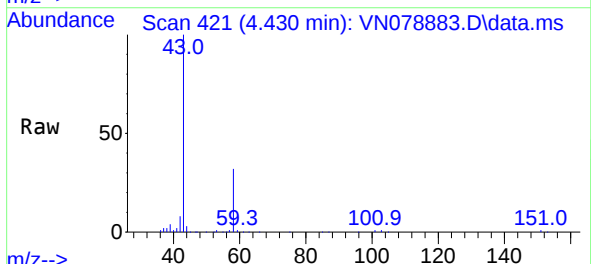
Manual Integrations
APPROVED

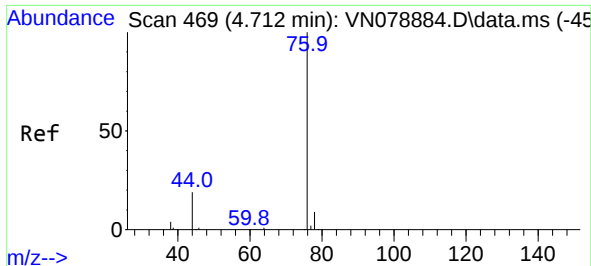
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#16
Acetone
Concen: 364.627 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

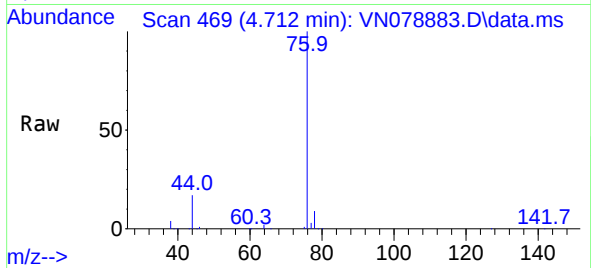
Tgt Ion: 43 Resp: 438646
Ion Ratio Lower Upper
43 100
58 31.5 28.0 42.0





#17
Carbon Disulfide
Concen: 71.156 ug/l
RT: 4.712 min Scan# 407
Delta R.T. -0.012 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

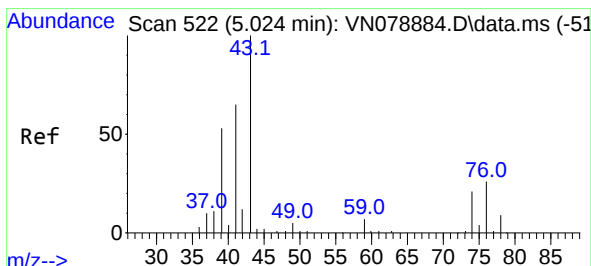
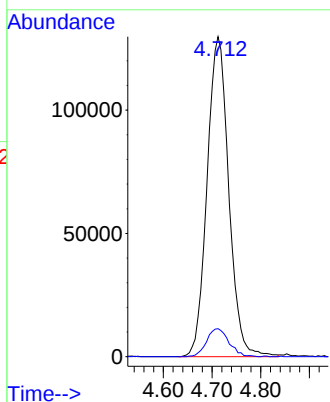
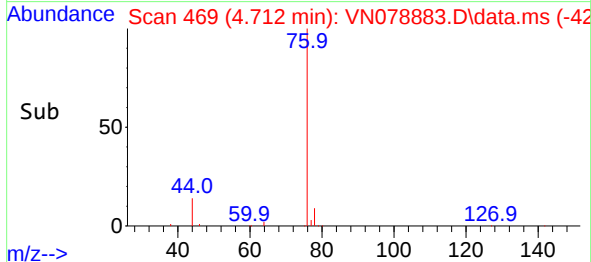
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



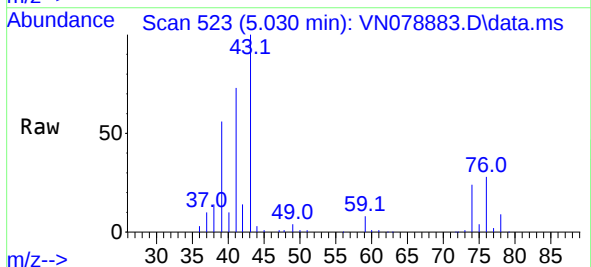
Tgt Ion: 76 Resp: 40064
Ion Ratio Lower Upper
76 100
78 8.8 7.4 11.0

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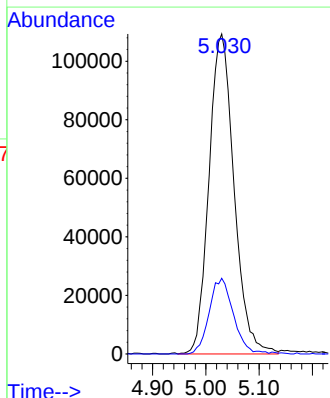
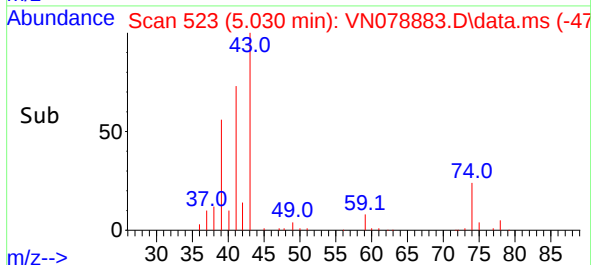
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

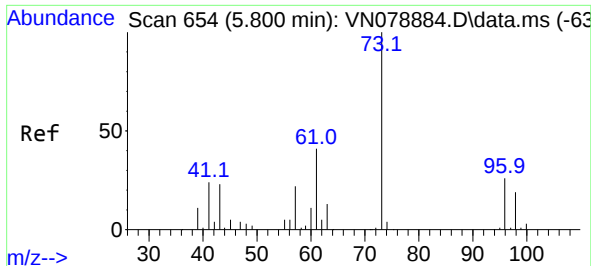


#18
Methyl Acetate
Concen: 70.407 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49



Tgt Ion: 43 Resp: 357807
Ion Ratio Lower Upper
43 100
74 22.7 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 75.247 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

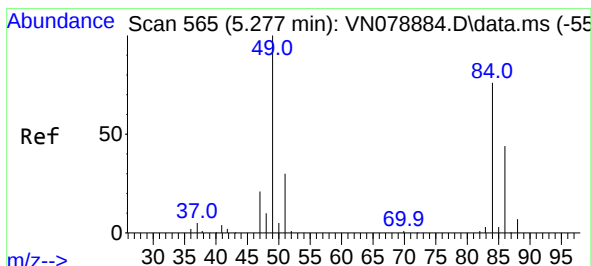
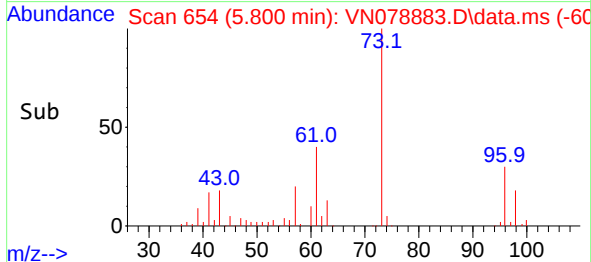
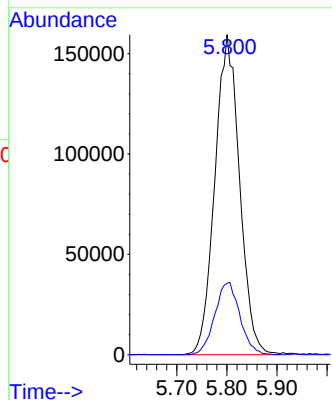
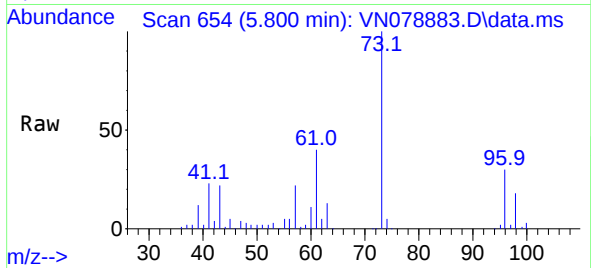
VSTDIC075

Tgt Ion: 73 Resp: 545224
Ion Ratio Lower Upper
73 100
57 22.3 15.6 23.4

Manual Integrations

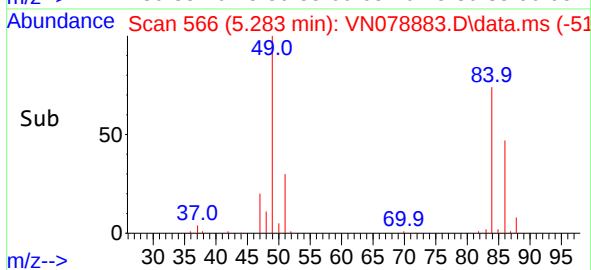
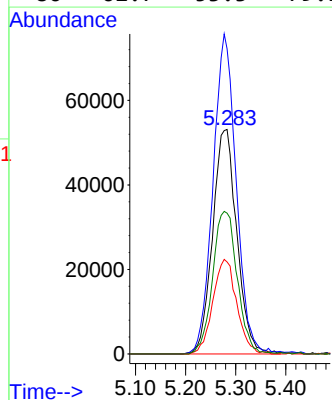
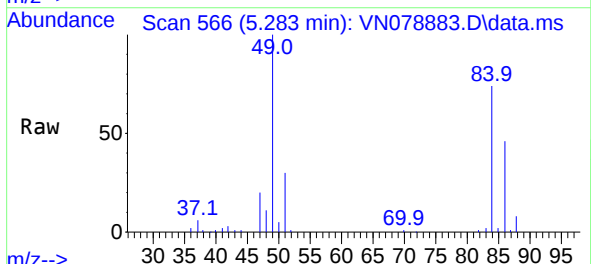
APPROVED

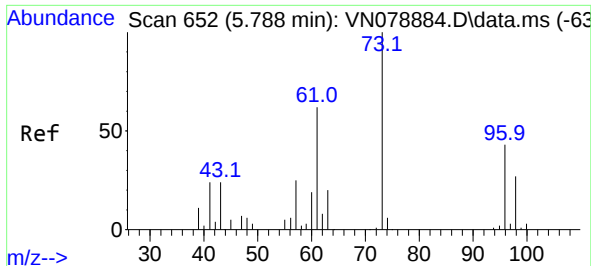
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#20
Methylene Chloride
Concen: 69.629 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Tgt Ion: 84 Resp: 178507
Ion Ratio Lower Upper
84 100
49 135.9 79.7 119.5#
51 41.0 25.2 37.8#
86 62.7 53.3 79.9





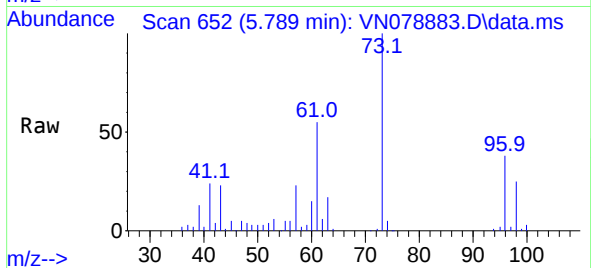
#21
trans-1,2-Dichloroethene
Concen: 72.259 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075



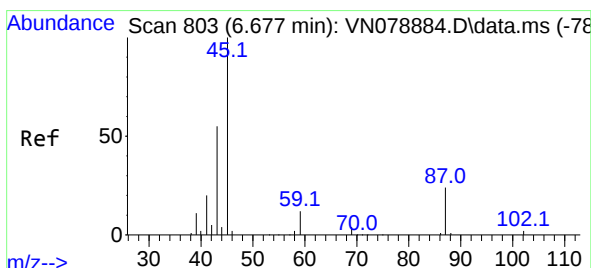
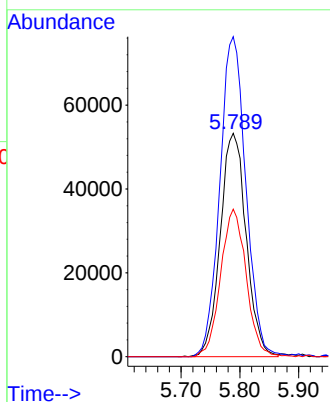
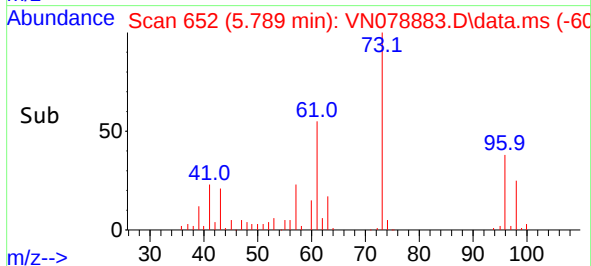
Tgt Ion: 96 Resp: 162989
Ion Ratio Lower Upper
96 100
61 143.3 90.1 135.1#
98 66.0 46.4 69.6

Manual Integrations

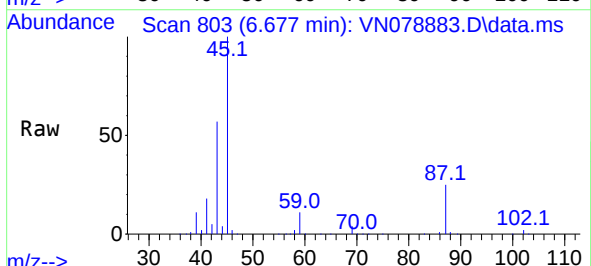
APPROVED

Reviewed By :John Carlone 08/16/2023

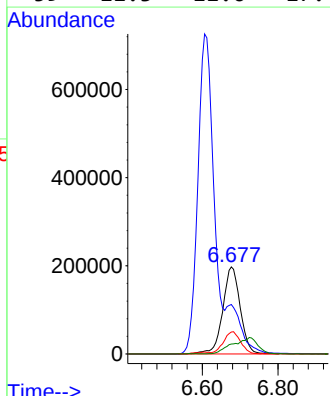
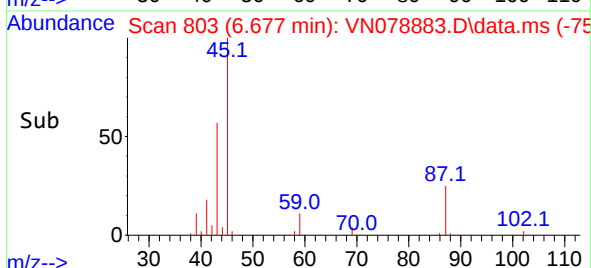
Supervised By :Mahesh Dadoda 08/16/2023

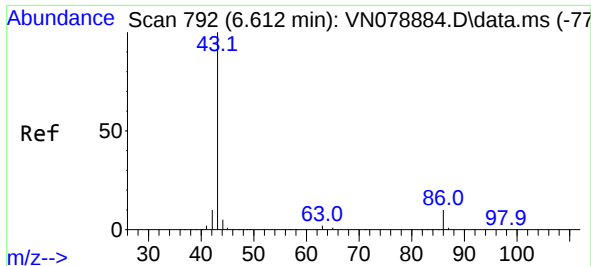


#22
Diisopropyl ether
Concen: 74.846 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49



Tgt Ion: 45 Resp: 633903
Ion Ratio Lower Upper
45 100
43 56.6 45.5 68.3
87 25.1 31.8 47.8#
59 11.3 11.6 17.4#





#23
 Vinyl Acetate
 Concen: 377.957 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN078883.D
 Acq: 15 Aug 2023 11:49

Instrument :

MSVOA_N

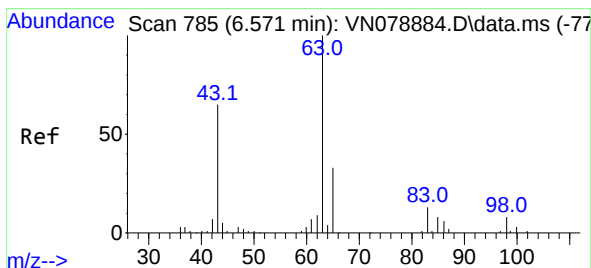
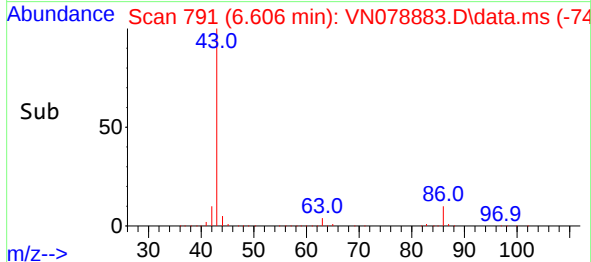
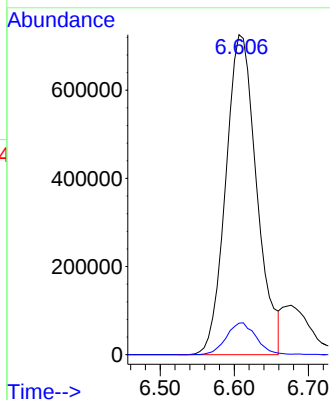
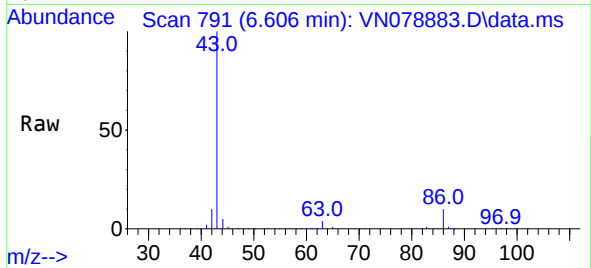
ClientSampleId :

VSTDICC075

Tgt Ion: 43 Resp: 210771
 Ion Ratio Lower Upper
 43 100
 86 9.8 13.0 19.6

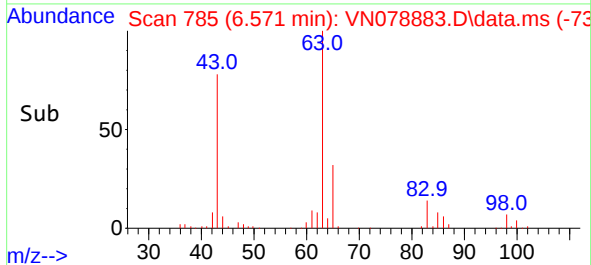
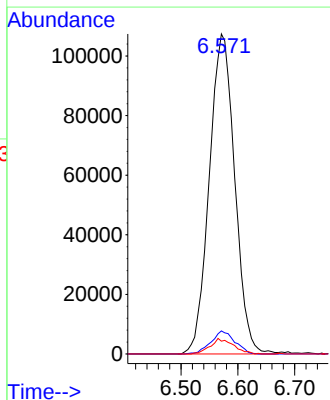
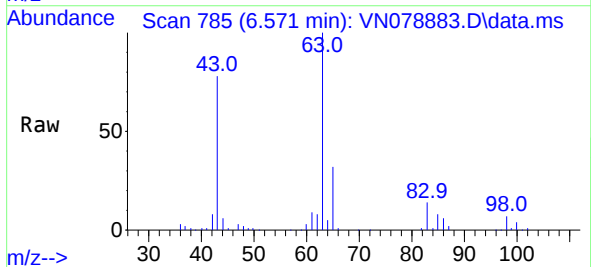
Manual Integrations
 APPROVED

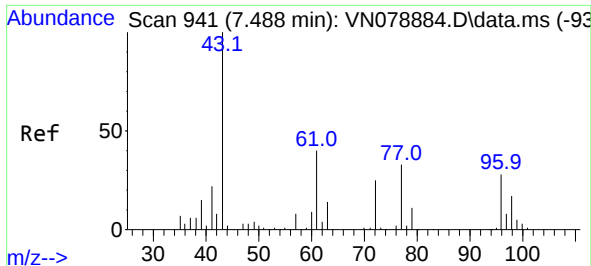
Reviewed By :John Carlone 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023



#24
 1,1-Dichloroethane
 Concen: 72.259 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN078883.D
 Acq: 15 Aug 2023 11:49

Tgt Ion: 63 Resp: 334330
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 4.0 2.5 7.4





#25

2-Butanone

Concen: 373.383 ug/l

RT: 7.489 min Scan# 941

Delta R.T. -0.005 min

Lab File: VN078883.D

Acq: 15 Aug 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

Tgt Ion: 43 Resp: 720154

Ion Ratio Lower Upper

43 100

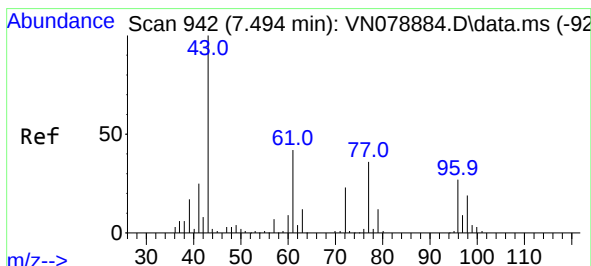
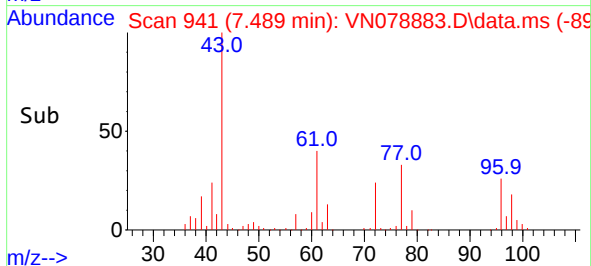
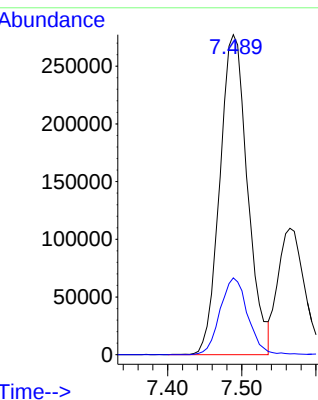
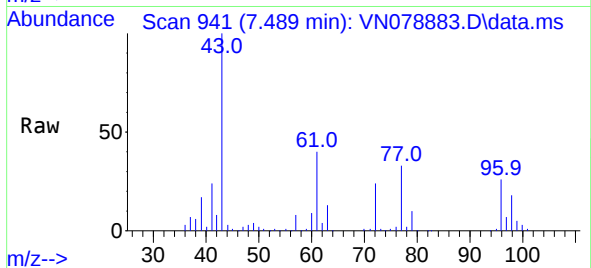
72 24.0 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#26

2,2-Dichloropropane

Concen: 75.166 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.006 min

Lab File: VN078883.D

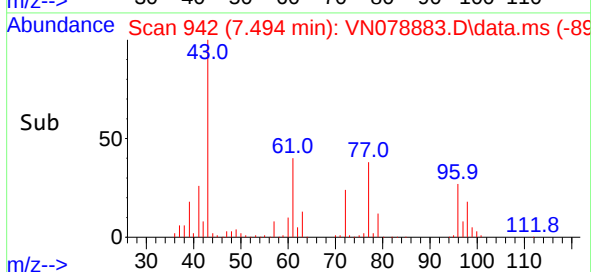
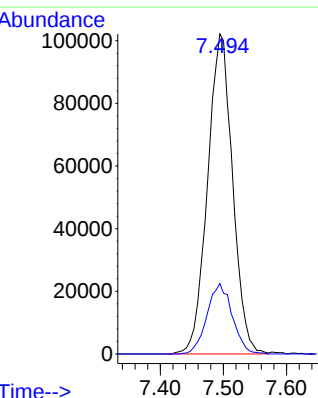
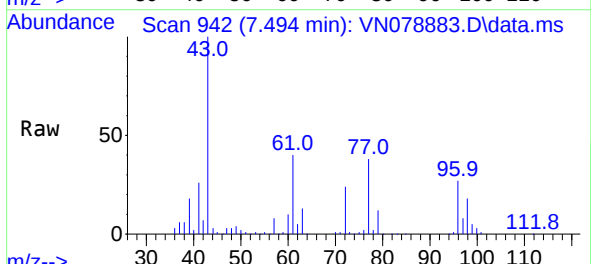
Acq: 15 Aug 2023 11:49

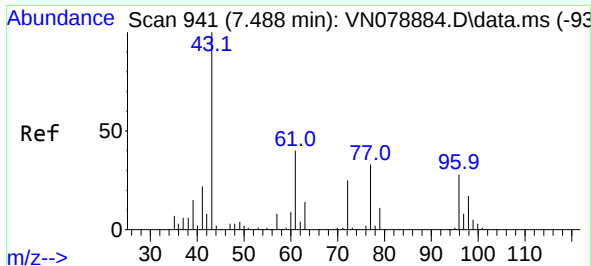
Tgt Ion: 77 Resp: 281118

Ion Ratio Lower Upper

77 100

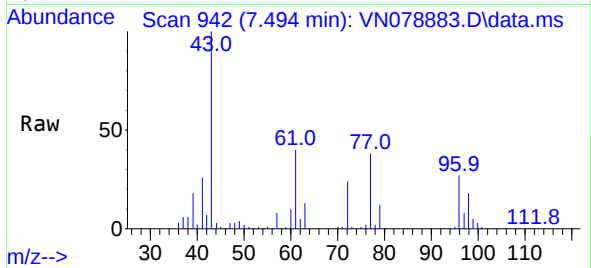
97 22.1 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 71.282 ug/l
RT: 7.494 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

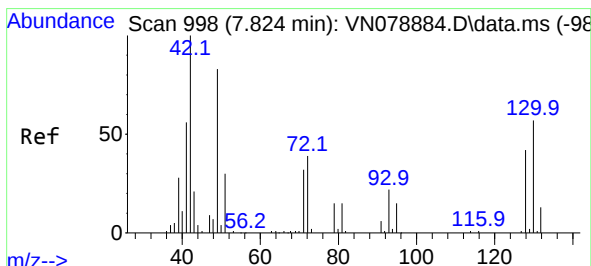
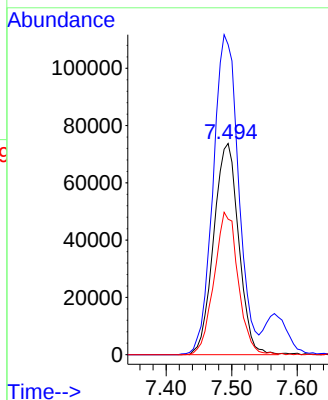
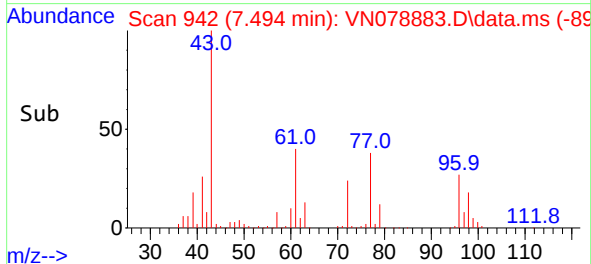
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



Tgt Ion: 96 Resp: 195420
Ion Ratio Lower Upper
96 100
61 154.4 0.0 255.2
98 65.0 0.0 128.8

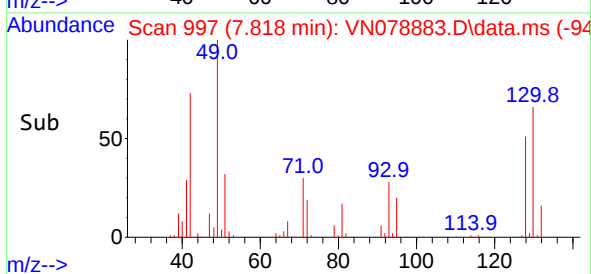
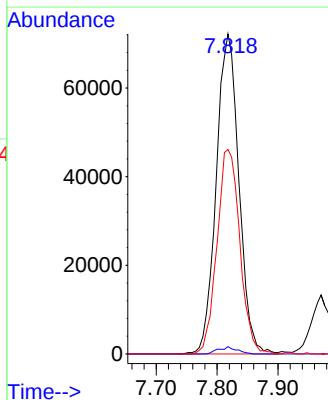
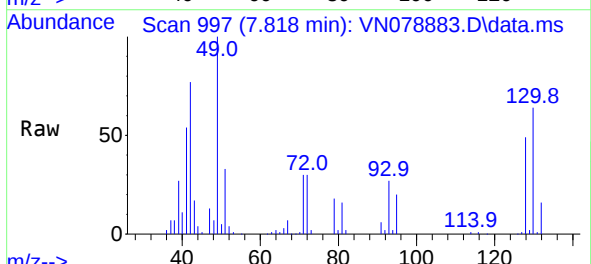
Manual Integrations
APPROVED

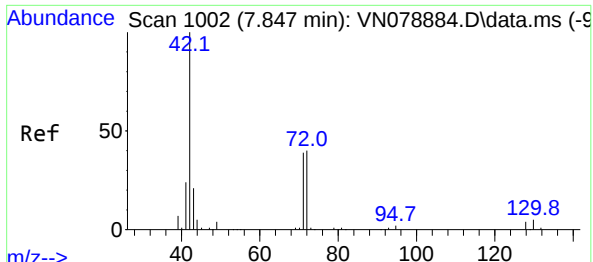
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#28
Bromochloromethane
Concen: 75.933 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

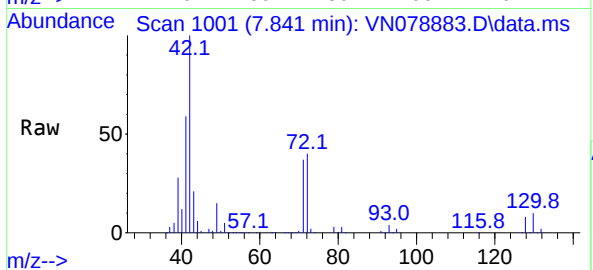
Tgt Ion: 49 Resp: 186368
Ion Ratio Lower Upper
49 100
129 1.9 0.0 4.8
130 64.5 75.3 112.9#





#29
Tetrahydrofuran
Concen: 370.968 ug/l
RT: 7.841 min Scan# 1002
Delta R.T. -0.006 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

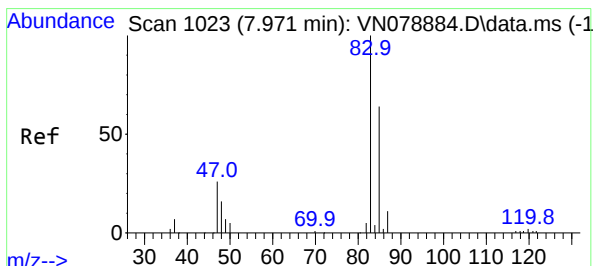
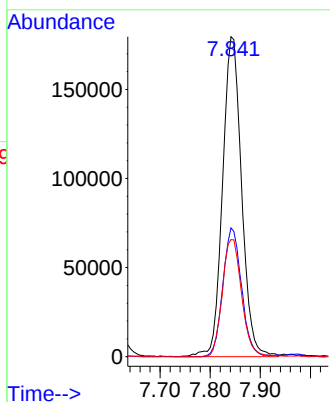
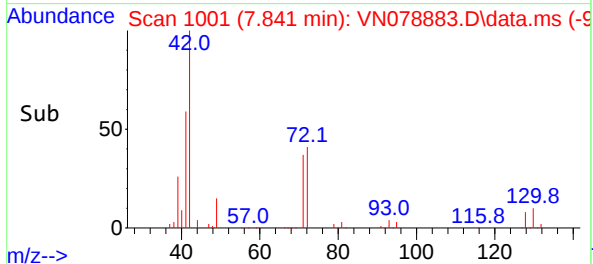
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 42 Resp: 473585
Ion Ratio Lower Upper
42 100
72 39.5 49.8 74.6
71 37.3 47.4 71.2

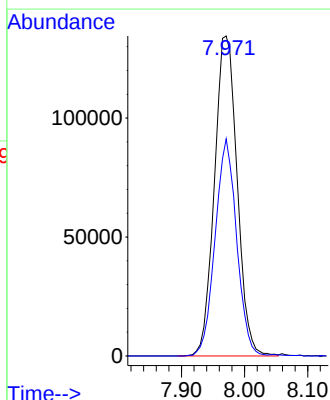
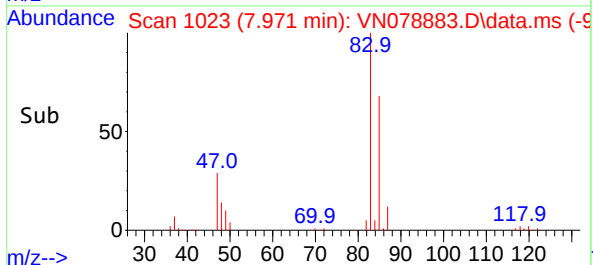
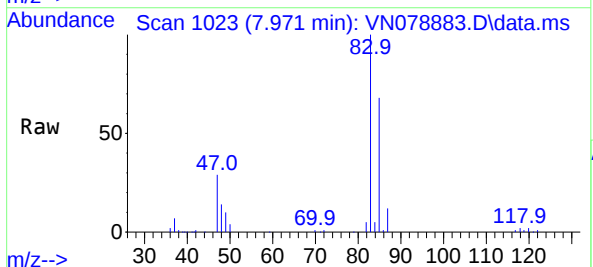
Manual Integrations
APPROVED

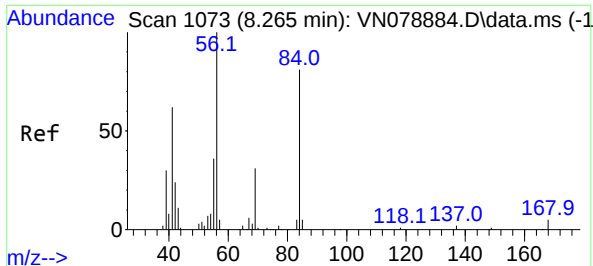
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#30
Chloroform
Concen: 72.881 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

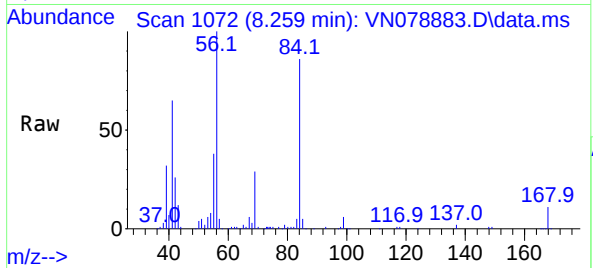
Tgt Ion: 83 Resp: 336885
Ion Ratio Lower Upper
83 100
85 67.9 55.4 83.0





#31
Cyclohexane
Concen: 76.228 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

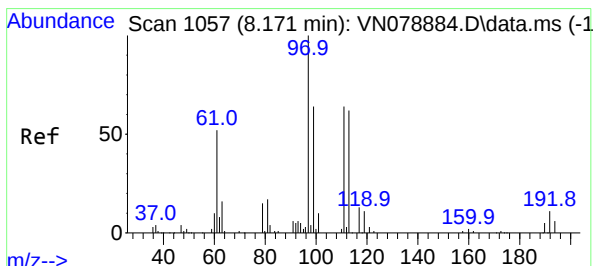
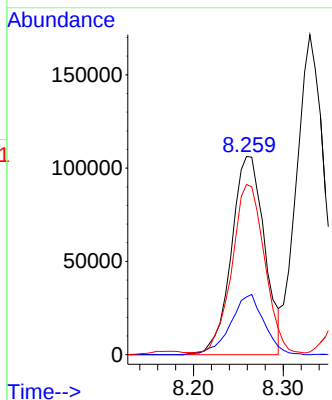
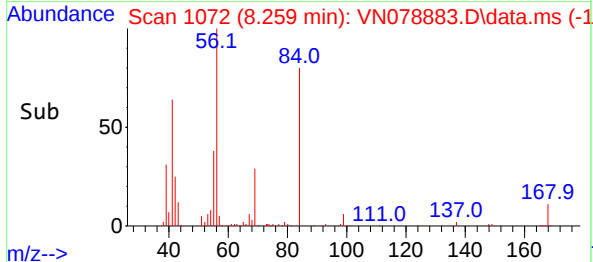
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



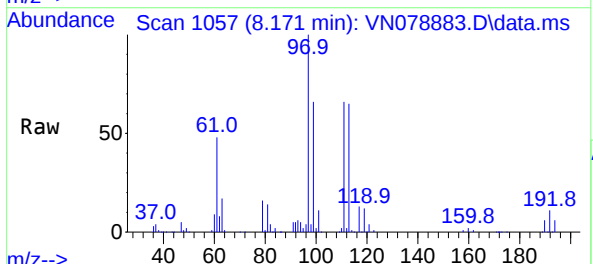
Tgt Ion: 56 Resp: 272120
Ion Ratio Lower Upper
56 100
69 29.2 26.8 40.2
84 84.3 81.8 122.6

Manual Integrations
APPROVED

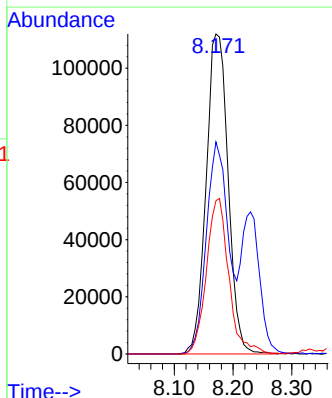
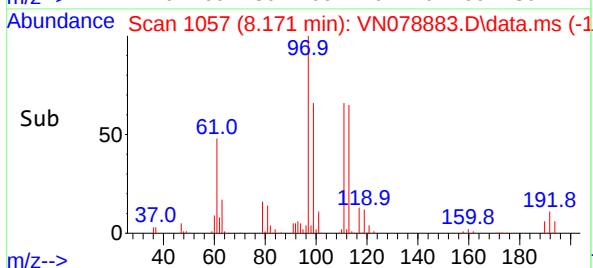
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

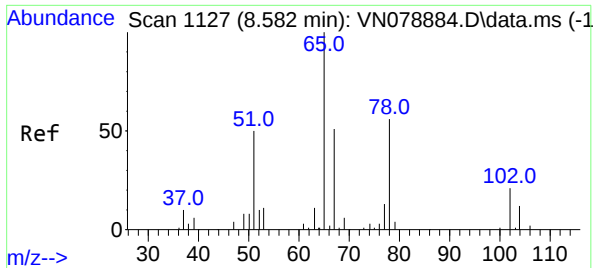


#32
1,1,1-Trichloroethane
Concen: 73.912 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49



Tgt Ion: 97 Resp: 291317
Ion Ratio Lower Upper
97 100
99 66.6 50.3 75.5
61 49.4 34.7 52.1





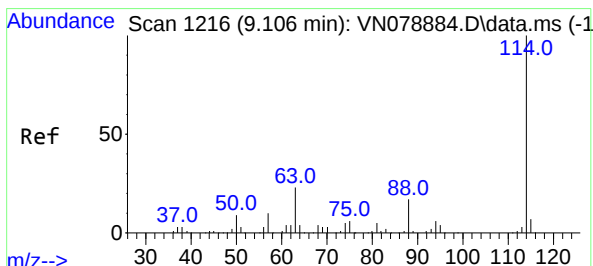
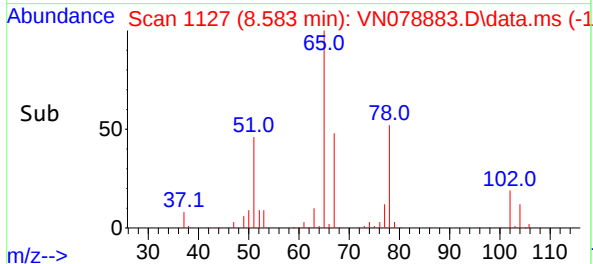
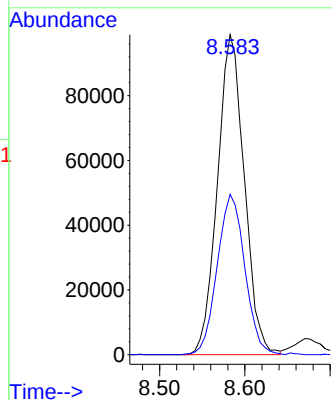
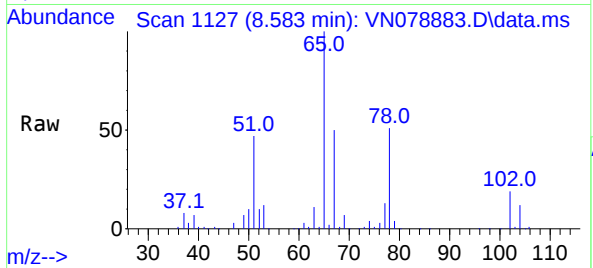
#33
1,2-Dichloroethane-d4
Concen: 74.233 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 65 Resp: 216429
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.6

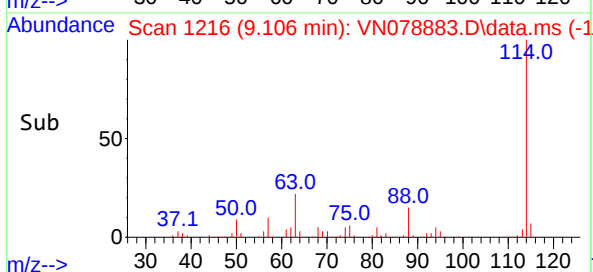
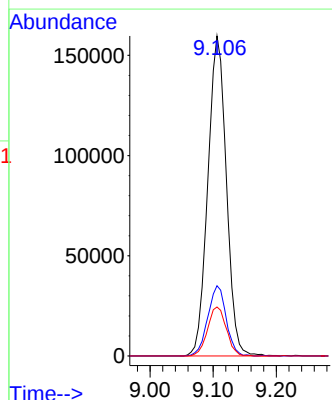
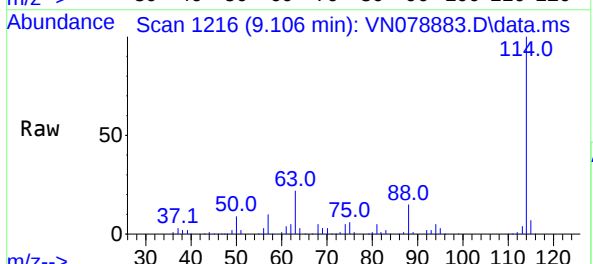
Manual Integrations
APPROVED

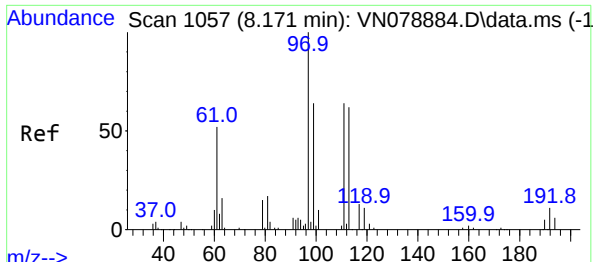
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

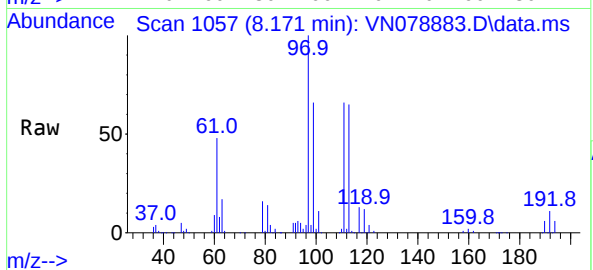
Tgt Ion:114 Resp: 325436
Ion Ratio Lower Upper
114 100
63 22.0 0.0 36.4
88 15.3 0.0 30.6





#35
Dibromofluoromethane
Concen: 76.689 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

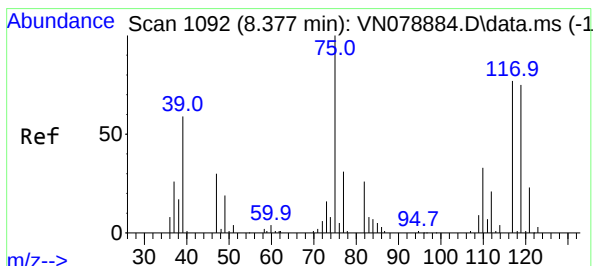
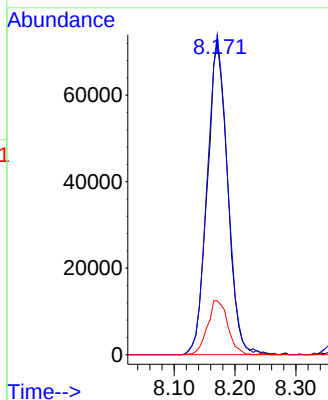
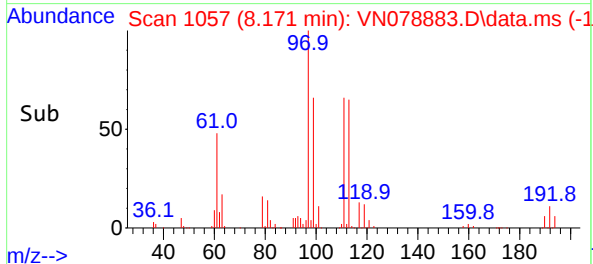
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



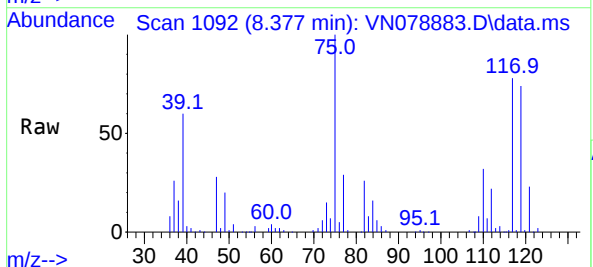
Tgt Ion: 113 Resp: 167999
Ion Ratio Lower Upper
113 100
111 102.2 82.6 123.8
192 17.3 12.7 19.1

Manual Integrations
APPROVED

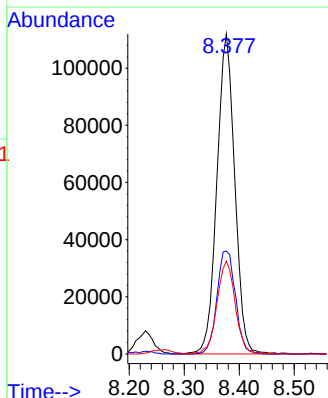
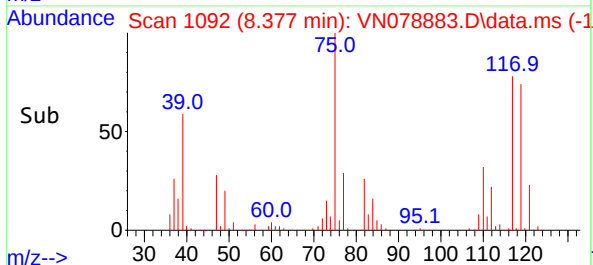
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

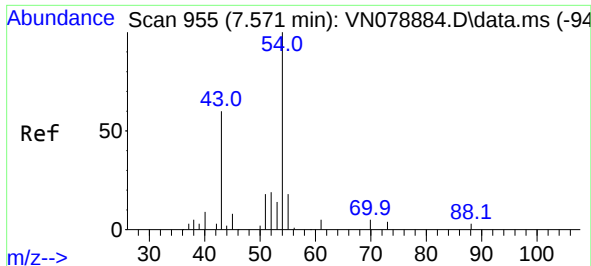


#36
1,1-Dichloropropene
Concen: 76.632 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49



Tgt Ion: 75 Resp: 252526
Ion Ratio Lower Upper
75 100
110 33.4 19.1 57.3
77 29.8 25.0 37.4





#37

Ethyl Acetate

Concen: 75.755 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN078883.D

Acq: 15 Aug 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion: 43 Resp: 279308

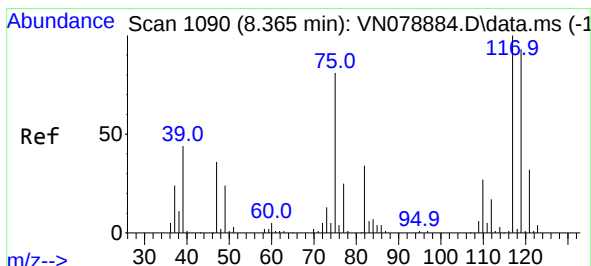
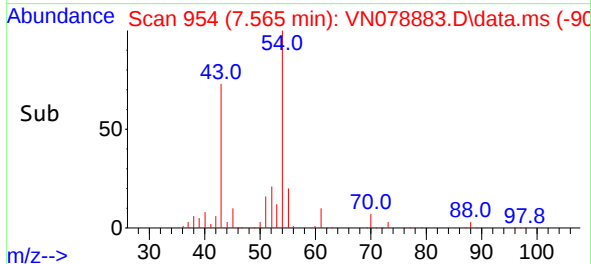
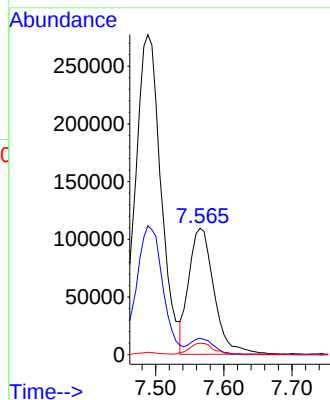
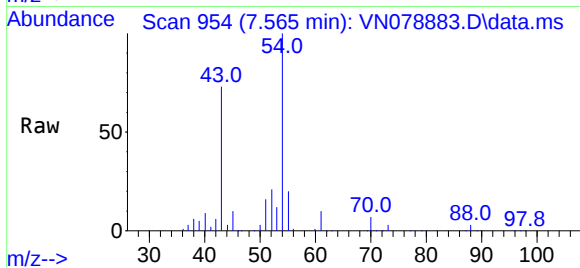
Ion	Ratio	Lower	Upper
43	100		
61	12.2	13.2	19.8
70	8.8	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#38

Carbon Tetrachloride

Concen: 77.332 ug/l

RT: 8.365 min Scan# 1090

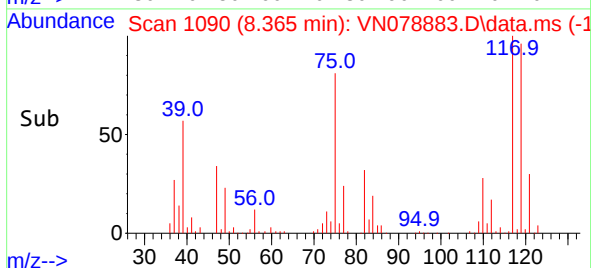
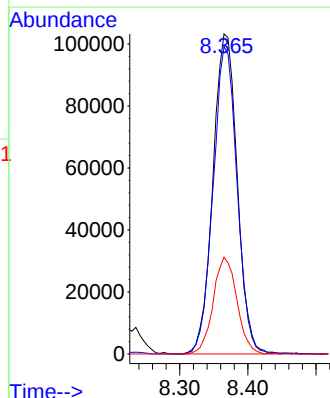
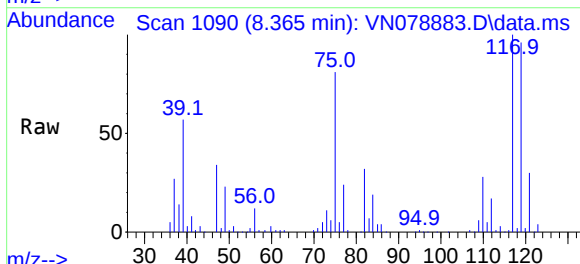
Delta R.T. -0.006 min

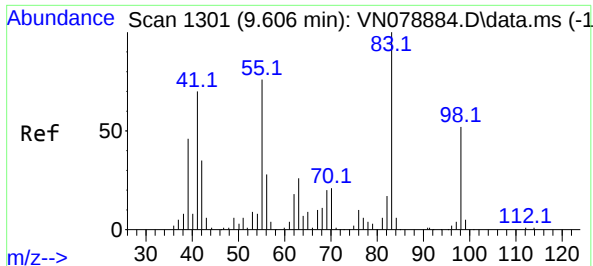
Lab File: VN078883.D

Acq: 15 Aug 2023 11:49

Tgt Ion:117 Resp: 255339

Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.3	115.9
121	30.2	23.3	34.9





#39
Methylcyclohexane
Concen: 78.903 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075

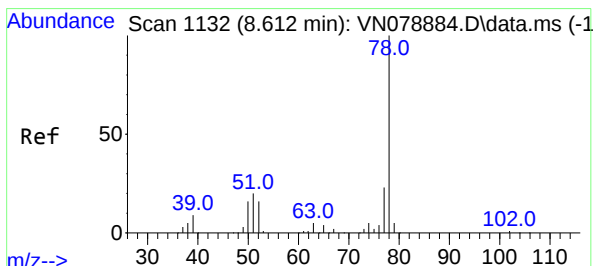
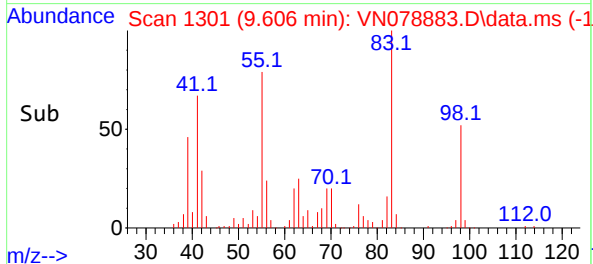
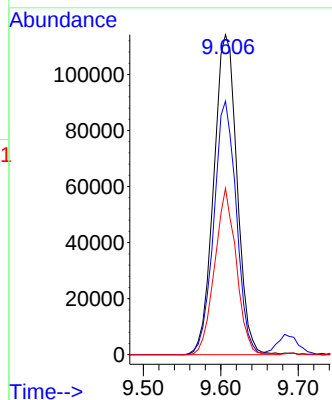
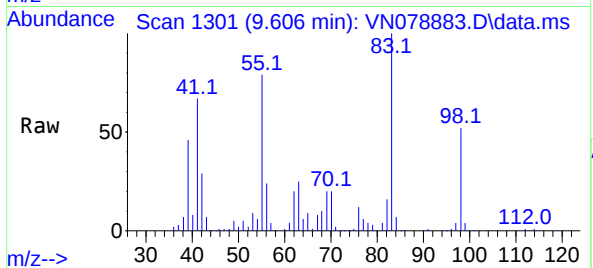
Tgt Ion: 83 Resp: 23913
Ion Ratio Lower Upper
83 100
55 79.3 49.1 73.7
98 52.0 40.6 61.0

Manual Integrations

APPROVED

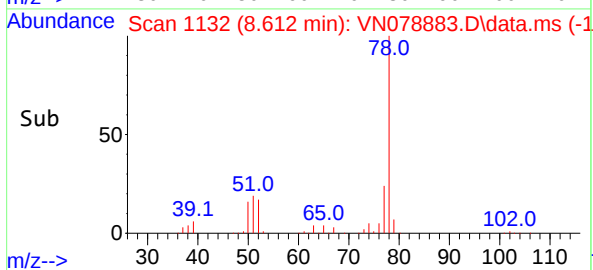
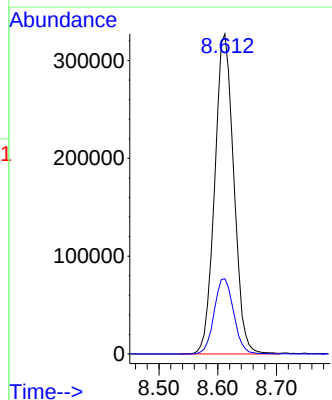
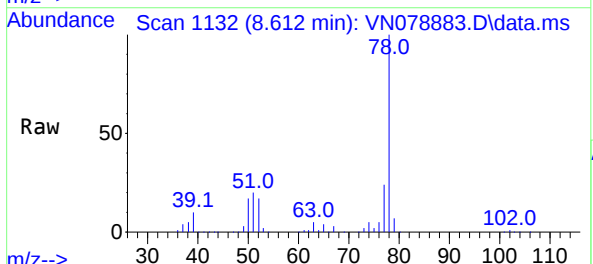
Reviewed By :John Carlone 08/16/2023

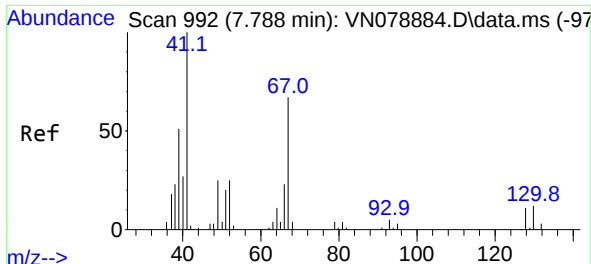
Supervised By :Mahesh Dadoda 08/16/2023



#40
Benzene
Concen: 75.749 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

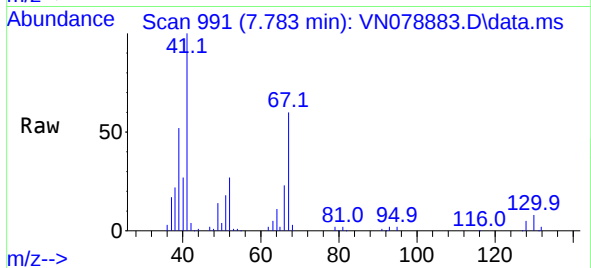
Tgt Ion: 78 Resp: 737814
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6





#41
Methacrylonitrile
Concen: 73.663 ug/l
RT: 7.783 min Scan# 991
Delta R.T. -0.011 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

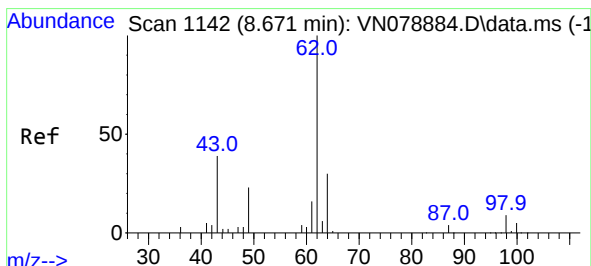
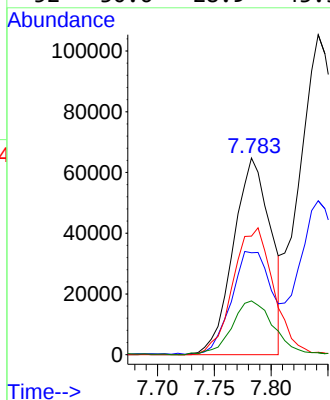
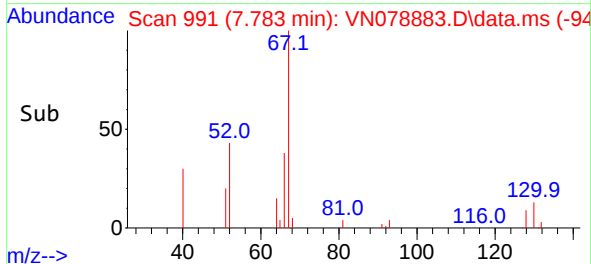
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



Tgt Ion: 41 Resp: 147919
Ion Ratio Lower Upper
41 100
39 55.2 42.6 64.0
67 70.6 77.5 116.3
52 30.6 28.9 43.3

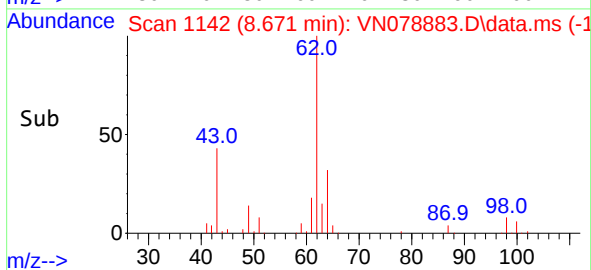
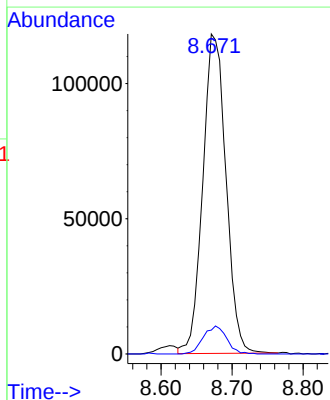
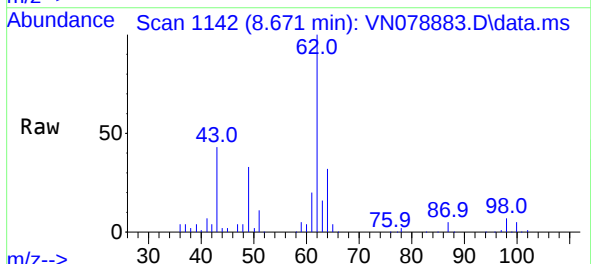
Manual Integrations
APPROVED

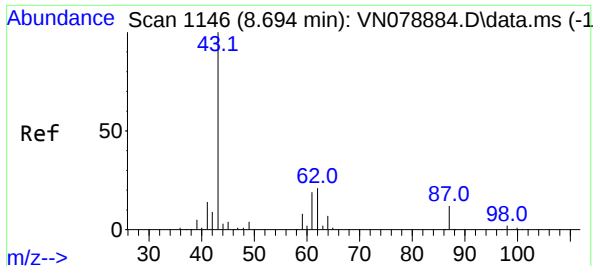
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#42
1,2-Dichloroethane
Concen: 73.549 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Tgt Ion: 62 Resp: 267642
Ion Ratio Lower Upper
62 100
98 8.8 0.0 19.8





#43
Isopropyl Acetate
Concen: 74.227 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

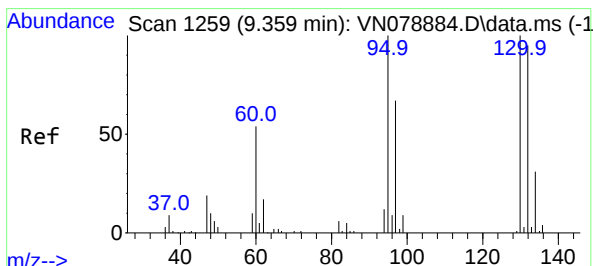
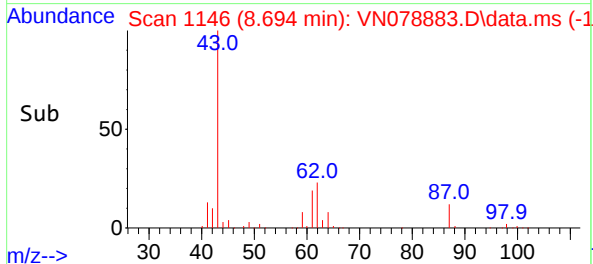
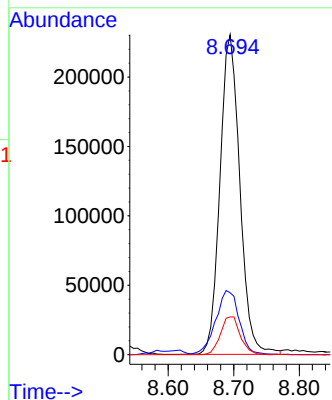
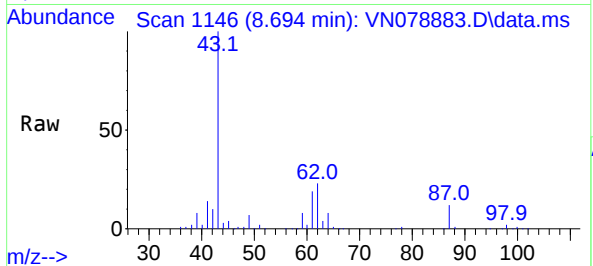
VSTDICC075

Tgt Ion: 43 Resp: 483710
Ion Ratio Lower Upper
43 100
61 23.8 24.7 37.1
87 11.8 14.6 21.8

Manual Integrations

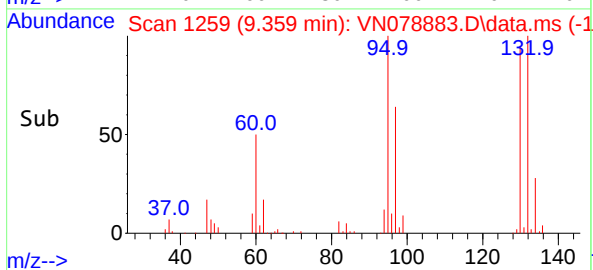
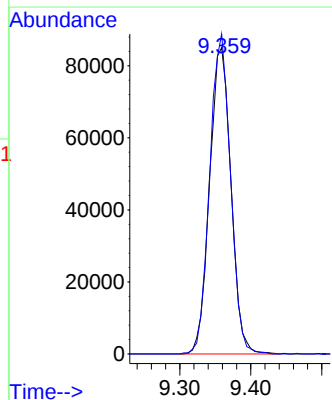
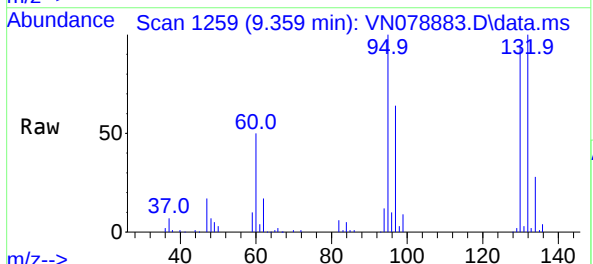
APPROVED

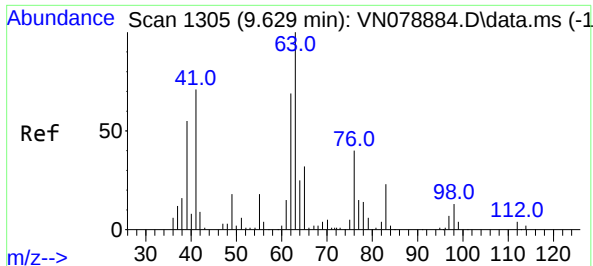
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#44
Trichloroethene
Concen: 76.767 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Tgt Ion:130 Resp: 177667
Ion Ratio Lower Upper
130 100
95 104.5 0.0 204.6





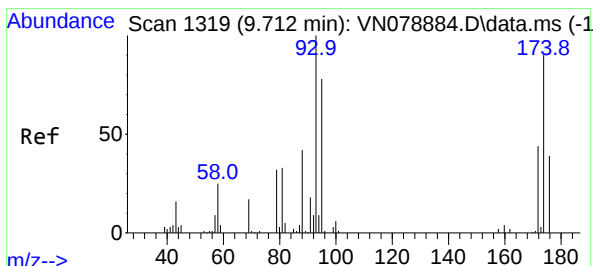
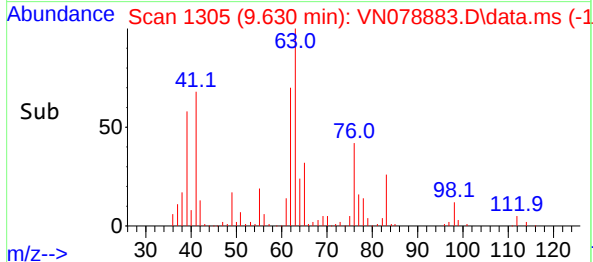
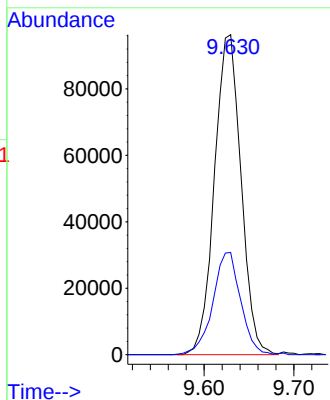
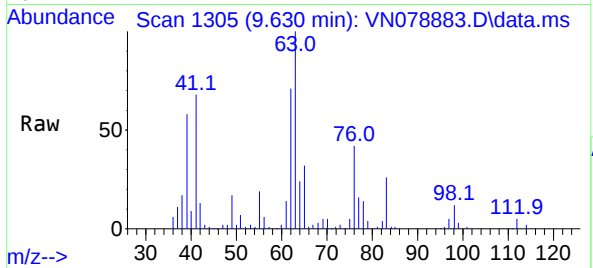
#45
1,2-Dichloropropane
Concen: 76.347 ug/l
RT: 9.630 min Scan# 1305
Delta R.T. 0.006 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion: 63 Resp: 19798
Ion Ratio Lower Upper
63 100
65 31.8 23.9 35.9

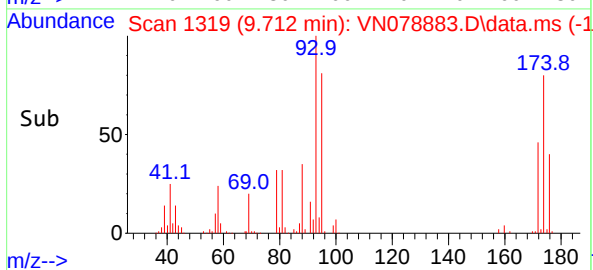
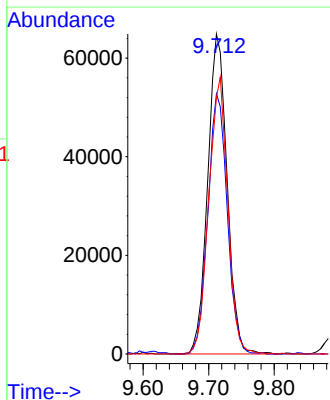
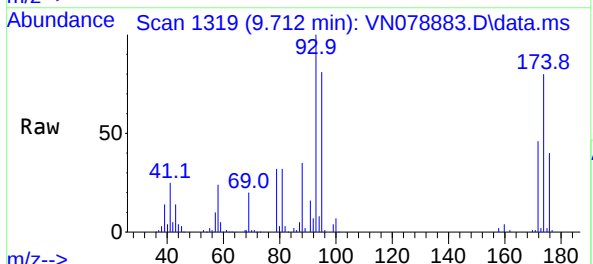
Manual Integrations
APPROVED

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



#46
Dibromomethane
Concen: 74.793 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Tgt Ion: 93 Resp: 133035
Ion Ratio Lower Upper
93 100
95 81.6 63.8 95.8
174 84.5 65.6 98.4





#47
Bromodichloromethane
Concen: 76.761 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

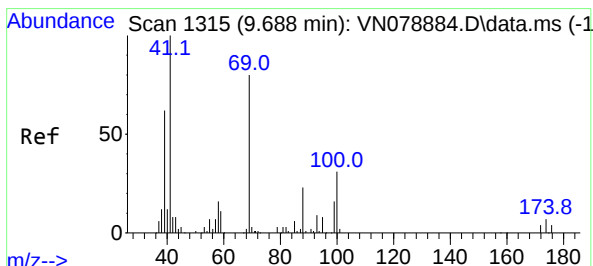
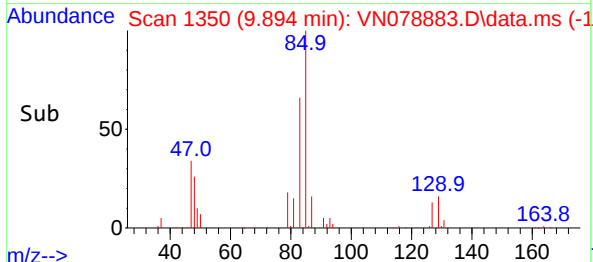
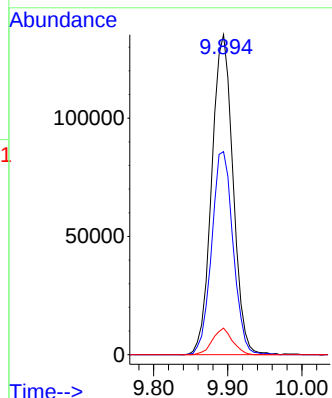
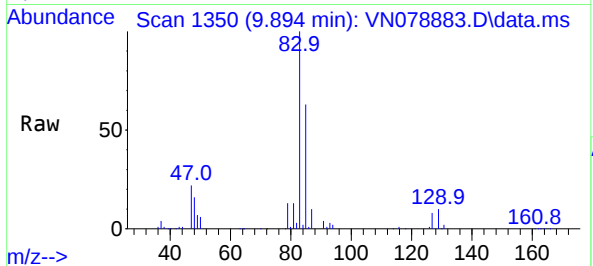
VSTDICC075

Tgt Ion: 83 Resp: 269610
Ion Ratio Lower Upper
83 100
85 63.4 49.6 74.4
127 8.3 7.0 10.6

Manual Integrations

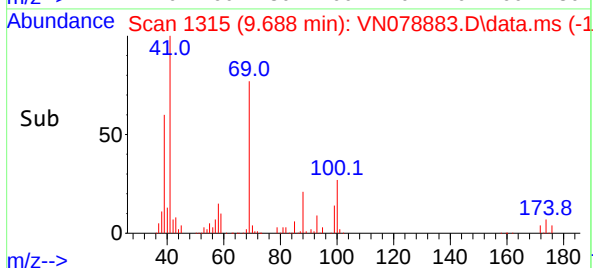
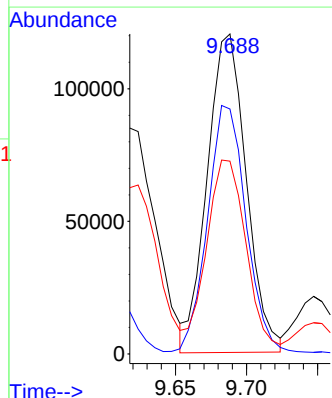
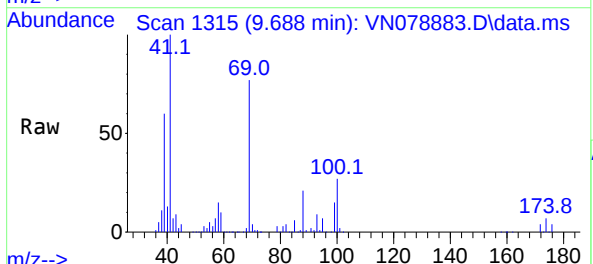
APPROVED

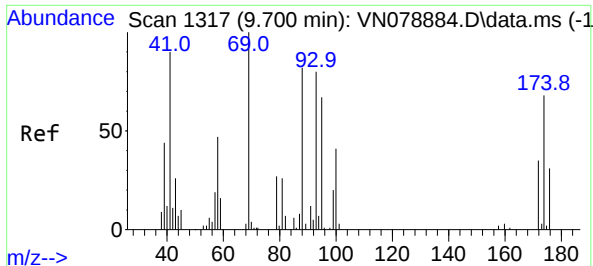
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#48
Methyl methacrylate
Concen: 77.908 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Tgt Ion: 41 Resp: 230067
Ion Ratio Lower Upper
41 100
69 77.8 90.4 135.6#
39 62.4 54.6 81.8





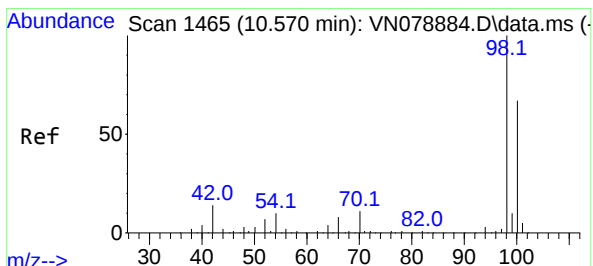
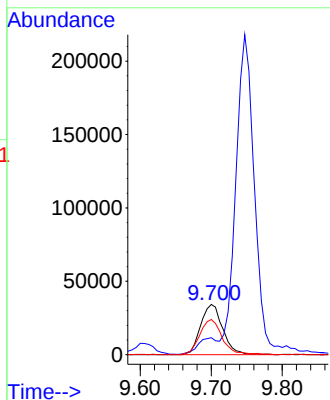
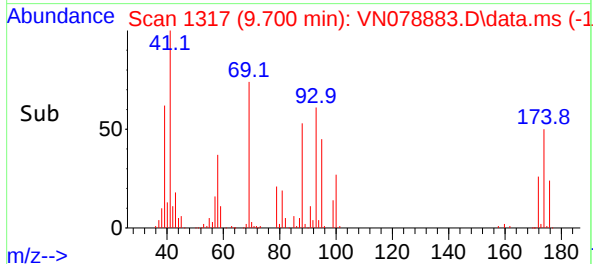
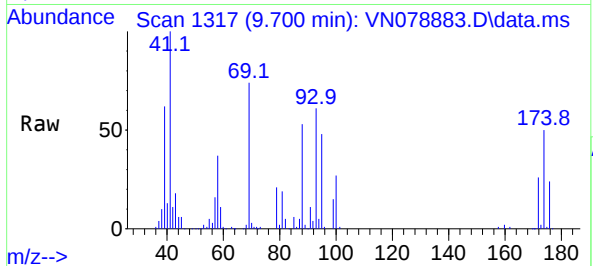
#49
1,4-Dioxane
Concen: 1472.287 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 88 Resp: 74058
Ion Ratio Lower Upper
88 100
43 30.9 17.0 25.6
58 71.8 47.0 70.4

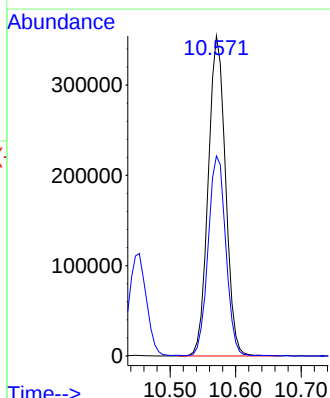
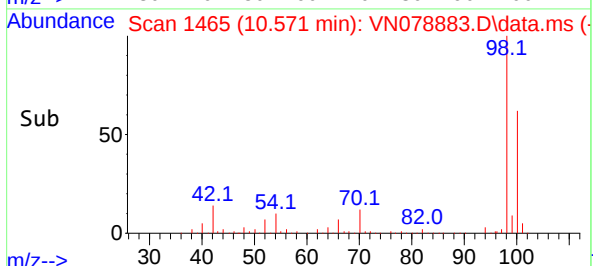
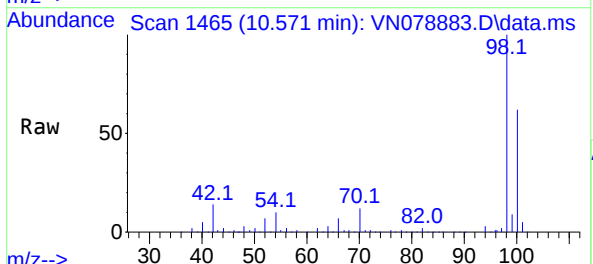
Manual Integrations
APPROVED

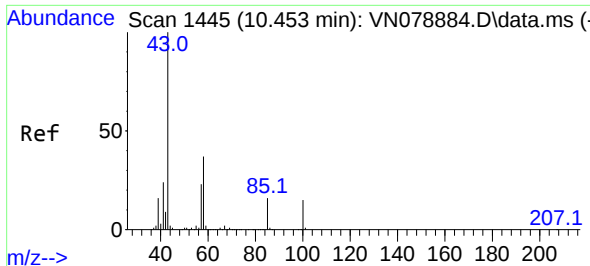
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#50
Toluene-d8
Concen: 79.864 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

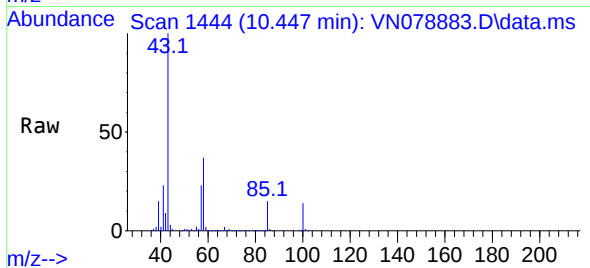
Tgt Ion: 98 Resp: 649624
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 386.965 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

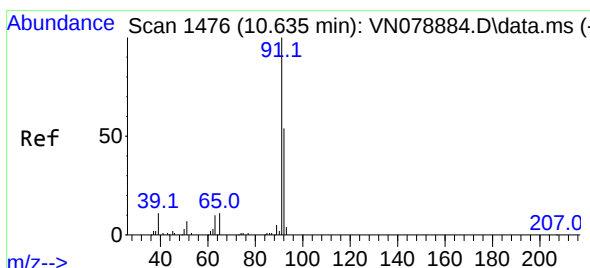
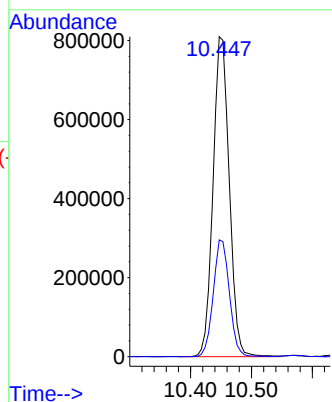
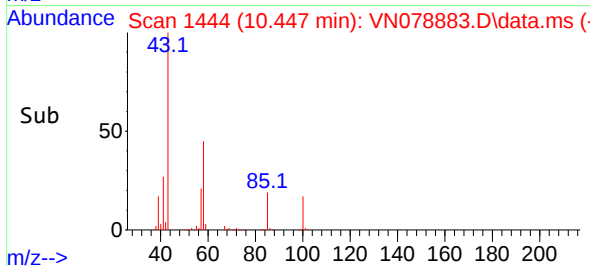
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



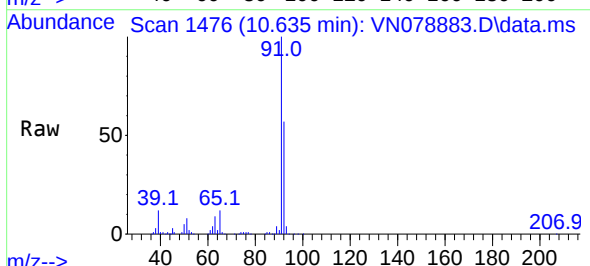
Tgt Ion: 43 Resp: 1495658
Ion Ratio Lower Upper
43 100
58 36.4 36.6 54.8

Manual Integrations
APPROVED

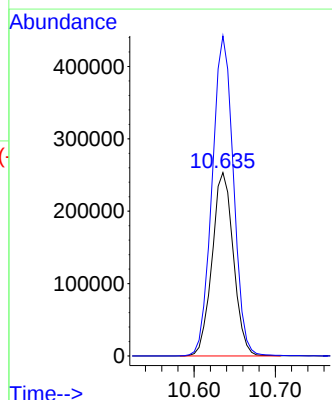
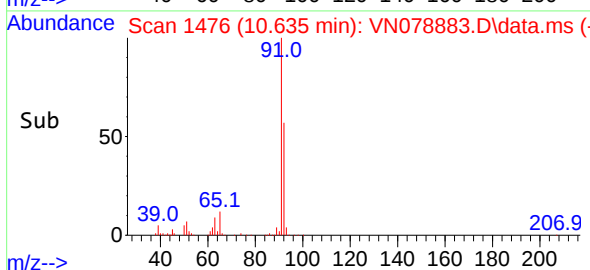
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

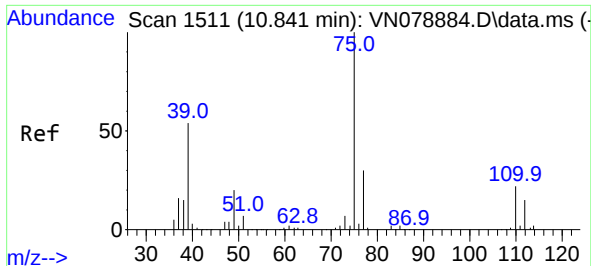


#52
Toluene
Concen: 77.183 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49



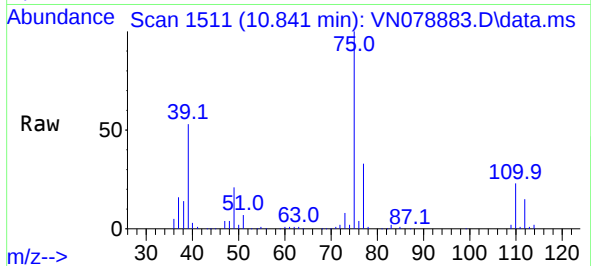
Tgt Ion: 92 Resp: 461563
Ion Ratio Lower Upper
92 100
91 175.0 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 79.807 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

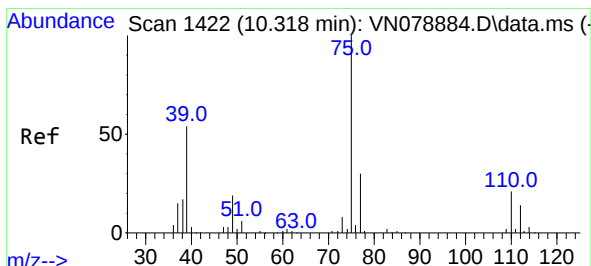
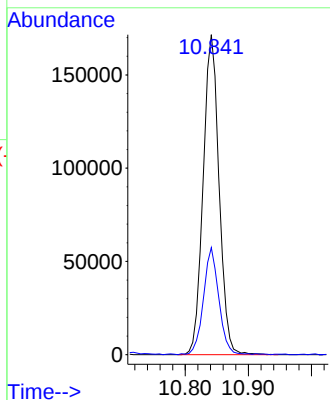
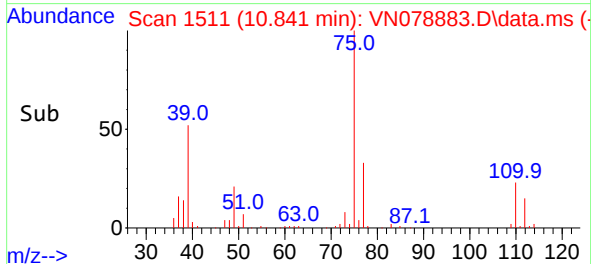
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



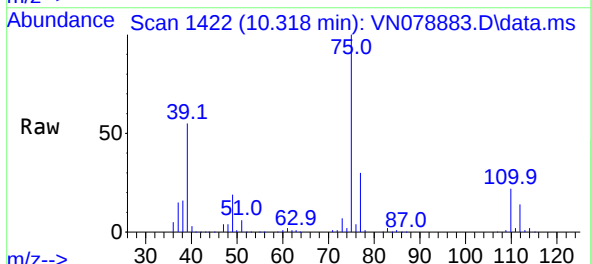
Tgt Ion: 75 Resp: 30060
Ion Ratio Lower Upper
75 100
77 33.4 25.4 38.0

Manual Integrations
APPROVED

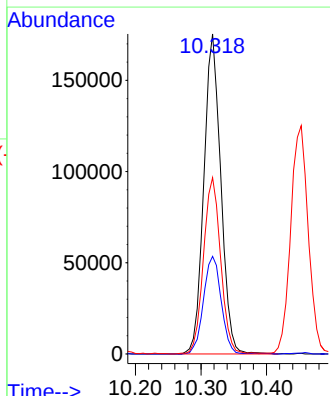
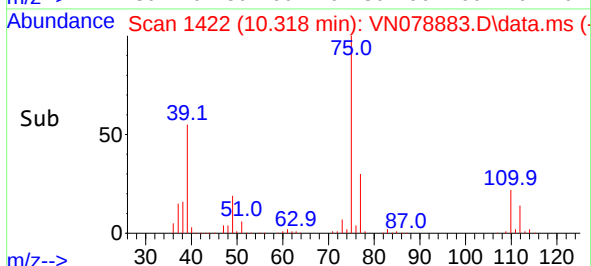
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

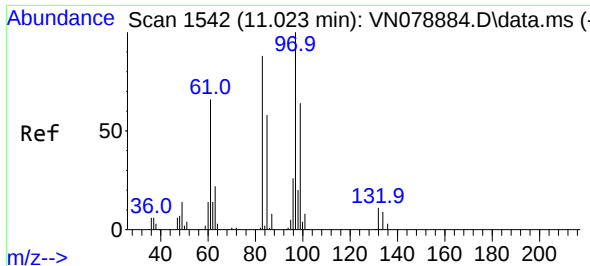


#54
cis-1,3-Dichloropropene
Concen: 77.010 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49



Tgt Ion: 75 Resp: 315913
Ion Ratio Lower Upper
75 100
77 30.5 26.1 39.1
39 55.0 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 75.908 ug/l
RT: 11.018 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

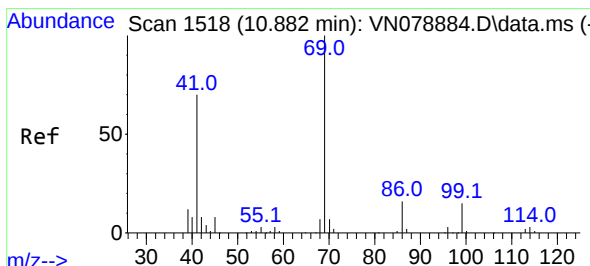
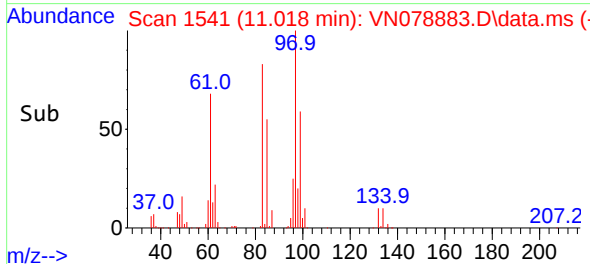
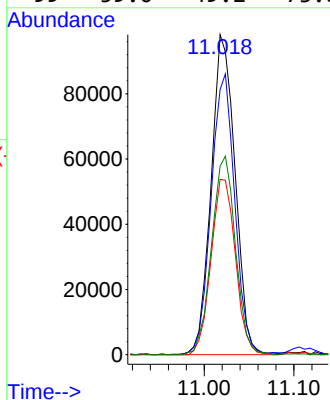
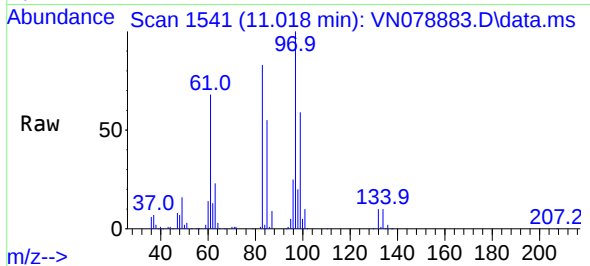
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 97 Resp: 18201

Ion	Ratio	Lower	Upper
97	100		
83	82.7	65.1	97.7
85	54.8	43.4	65.2
99	59.0	49.2	73.8

Manual Integrations
APPROVED

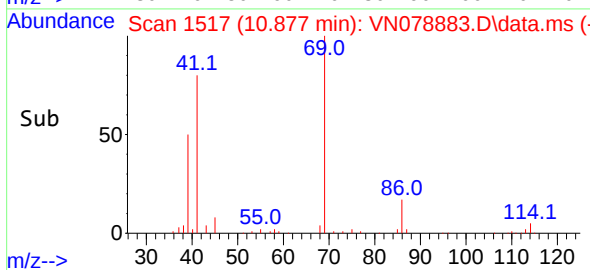
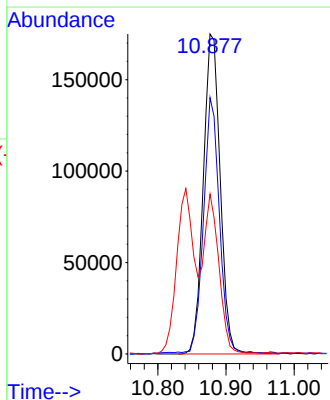
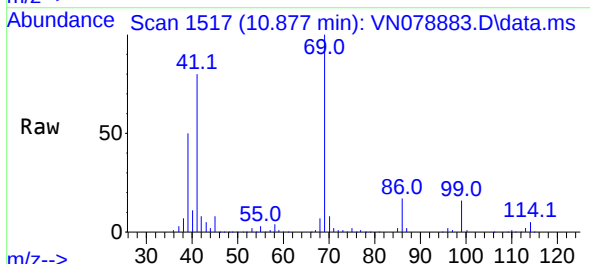
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

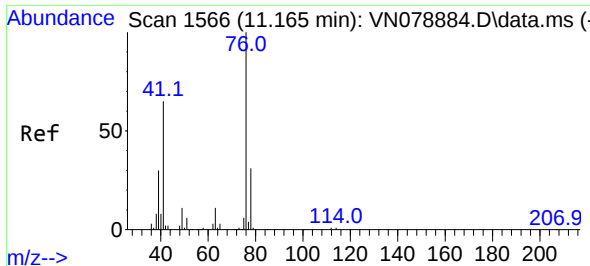


#56
Ethyl methacrylate
Concen: 81.141 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Tgt Ion: 69 Resp: 301595

Ion	Ratio	Lower	Upper
69	100		
41	74.3	39.6	59.4#
39	45.2	28.6	43.0#





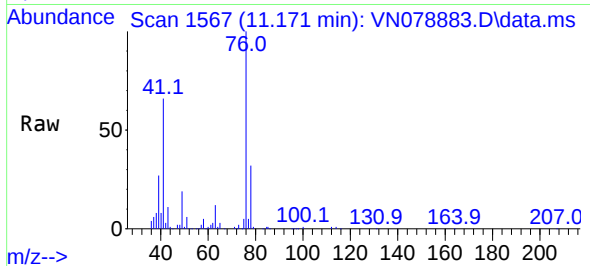
#57
1,3-Dichloropropane
Concen: 76.483 ug/l
RT: 11.171 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

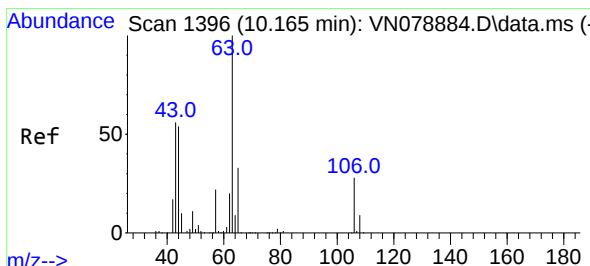
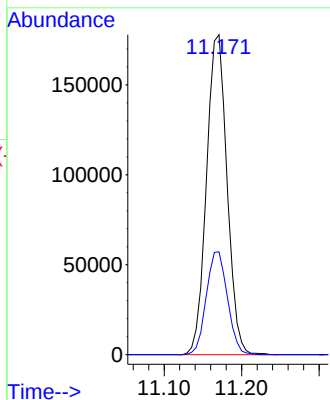
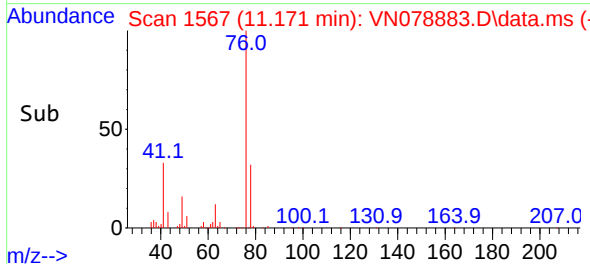


Tgt Ion: 76 Resp: 328018
Ion Ratio Lower Upper
76 100
78 33.1 26.1 39.1

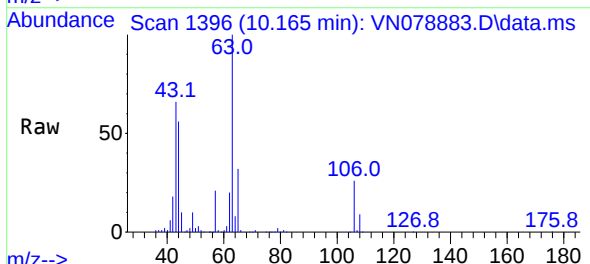
Manual Integrations

APPROVED

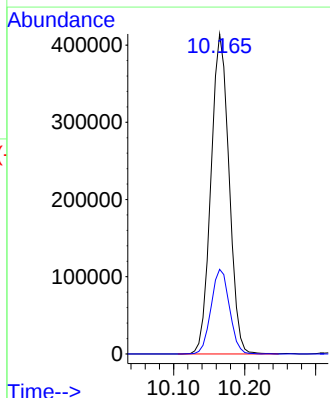
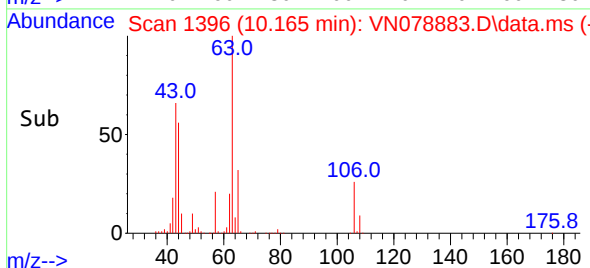
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

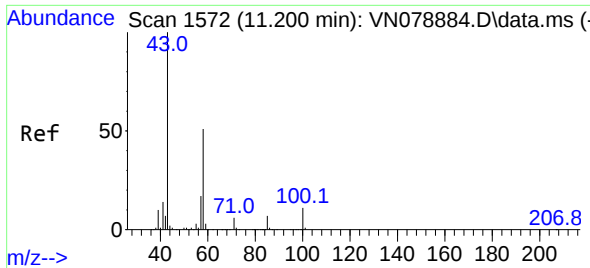


#58
2-Chloroethyl Vinyl ether
Concen: 409.987 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49



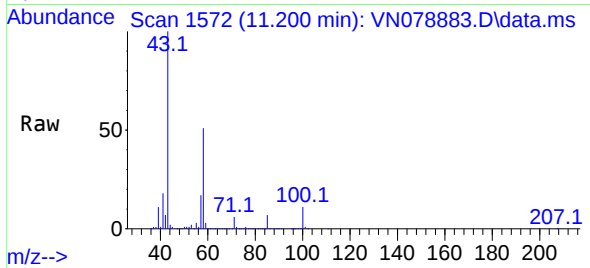
Tgt Ion: 63 Resp: 731506
Ion Ratio Lower Upper
63 100
106 26.8 26.2 39.4





#59
2-Hexanone
Concen: 397.027 ug/l
RT: 11.200 min Scan# 1111470
Delta R.T. 0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

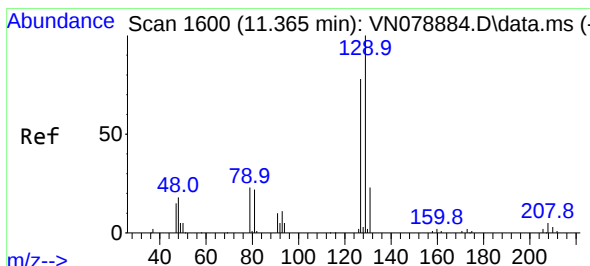
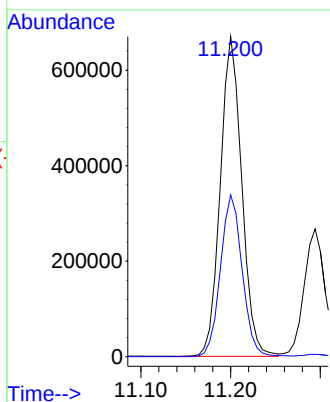
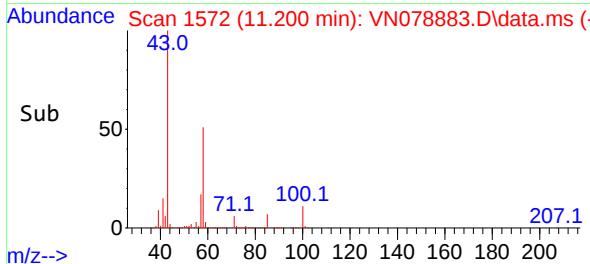
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



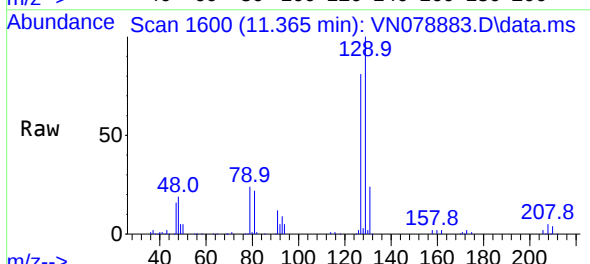
Tgt Ion: 43 Resp: 1111470
Ion Ratio Lower Upper
43 100
58 51.3 31.7 95.1

Manual Integrations
APPROVED

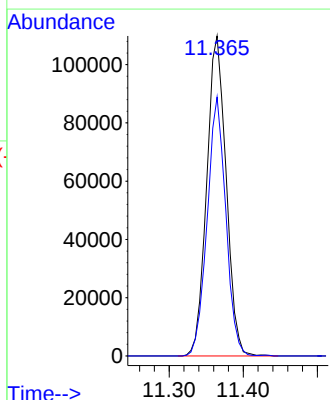
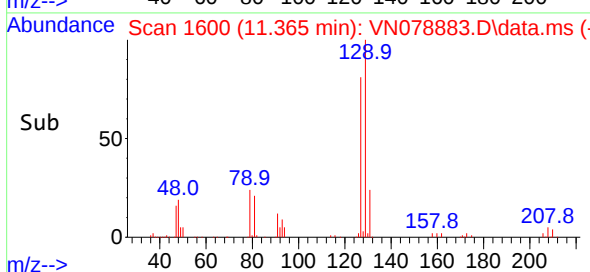
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

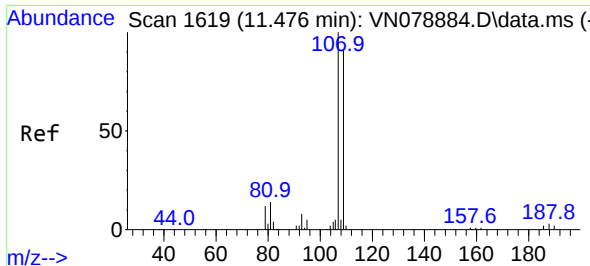


#60
Dibromochloromethane
Concen: 79.138 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49



Tgt Ion:129 Resp: 199683
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





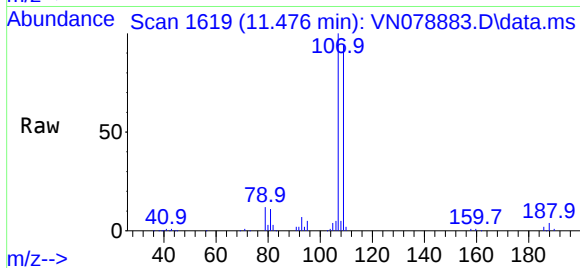
#61
1,2-Dibromoethane
Concen: 77.163 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

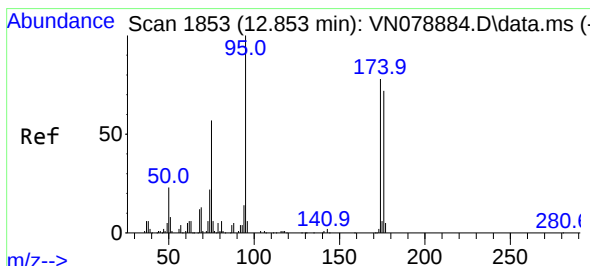
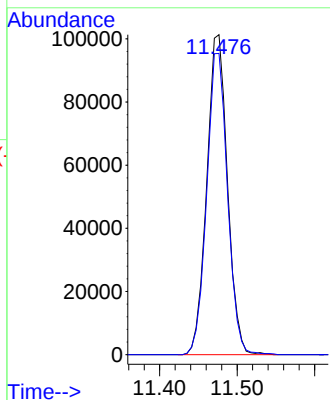
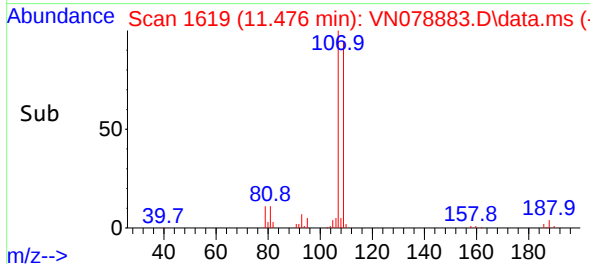


Tgt Ion:107 Resp: 18802
Ion Ratio Lower Upper
107 100
109 94.6 76.6 114.8

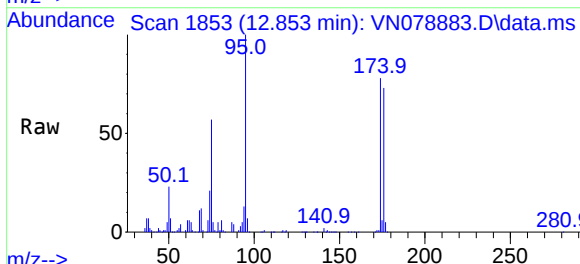
Manual Integrations

APPROVED

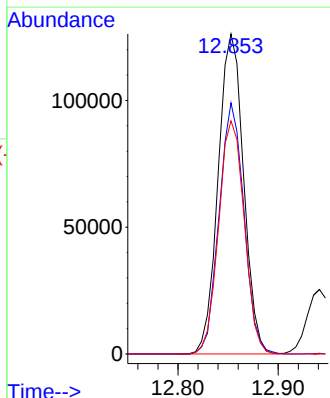
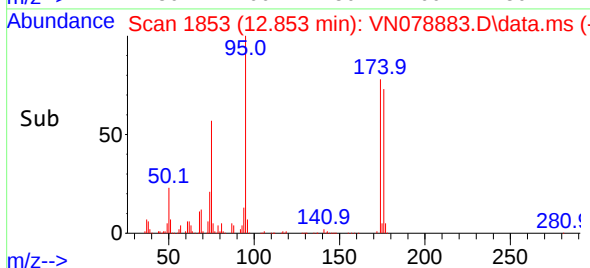
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

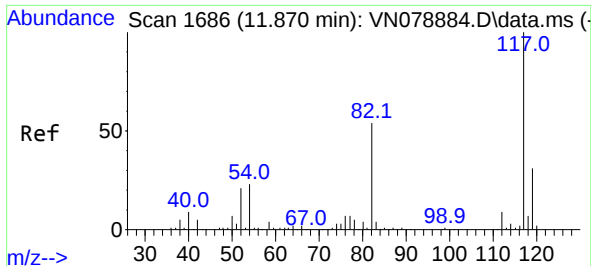


#62
4-Bromofluorobenzene
Concen: 83.572 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49



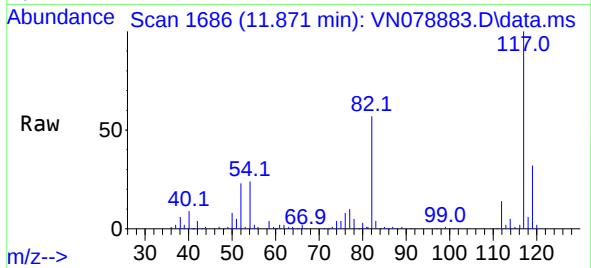
Tgt Ion: 95 Resp: 222195
Ion Ratio Lower Upper
95 100
174 76.7 0.0 143.8
176 73.2 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

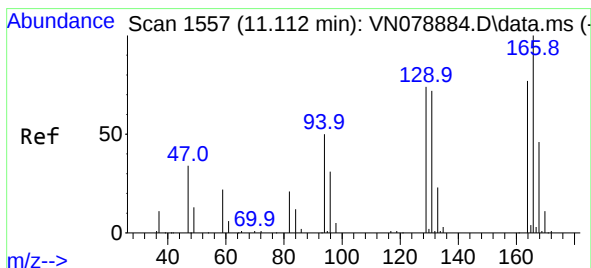
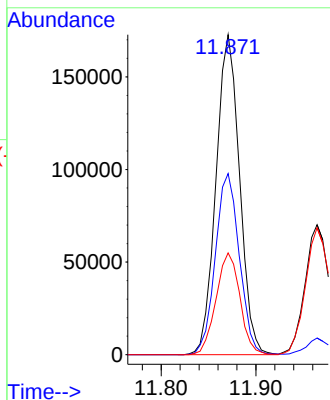
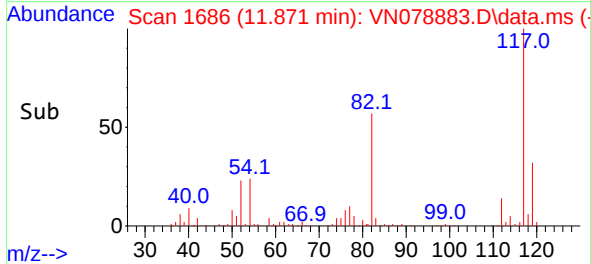
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



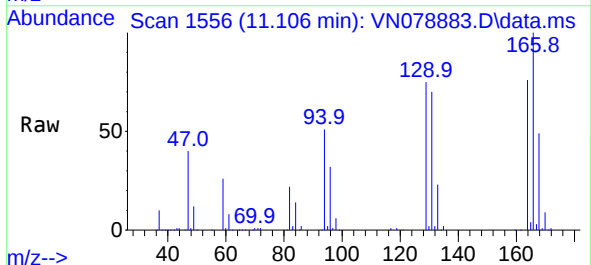
Tgt Ion:117 Resp: 299329
Ion Ratio Lower Upper
117 100
82 56.6 44.0 66.0
119 31.8 25.6 38.4

Manual Integrations
APPROVED

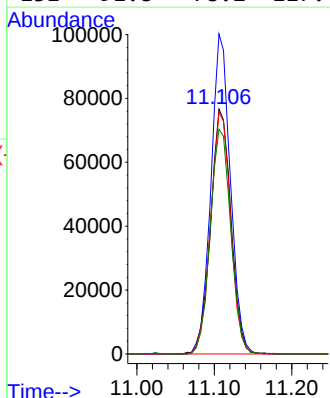
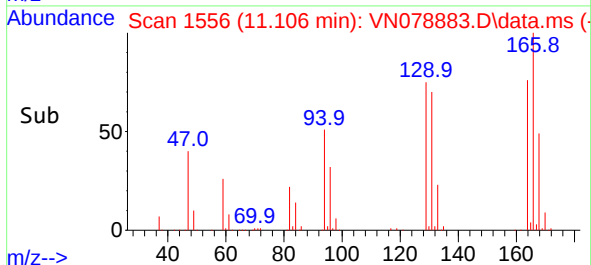
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

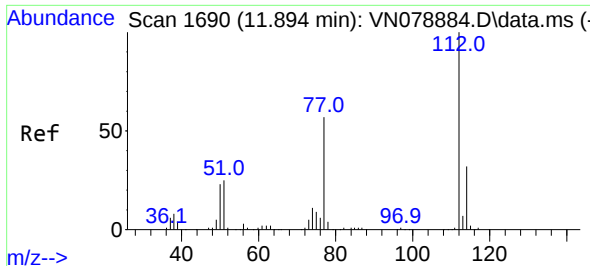


#64
Tetrachloroethene
Concen: 74.552 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49



Tgt Ion:164 Resp: 139946
Ion Ratio Lower Upper
164 100
166 130.7 101.4 152.0
129 98.7 82.4 123.6
131 91.8 78.2 117.4





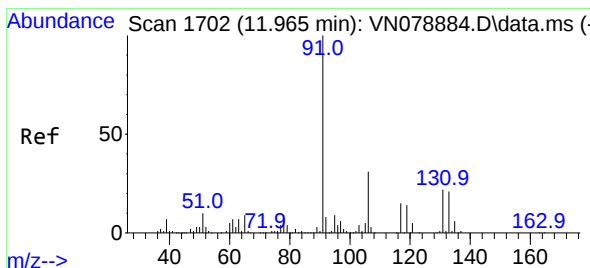
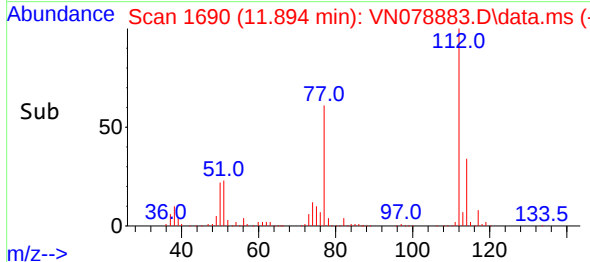
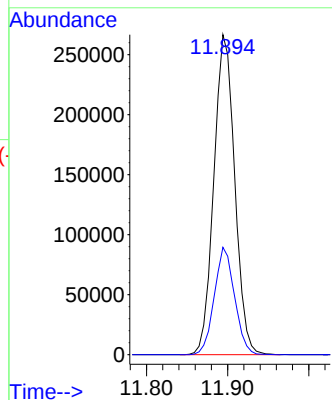
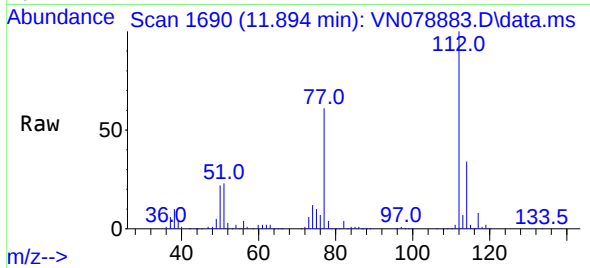
#65
Chlorobenzene
Concen: 74.826 ug/l
RT: 11.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion:112 Resp: 476764
Ion Ratio Lower Upper
112 100
114 33.6 25.0 37.4

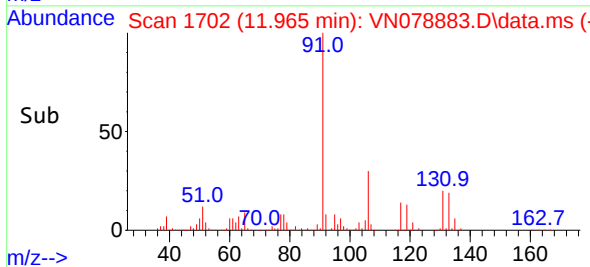
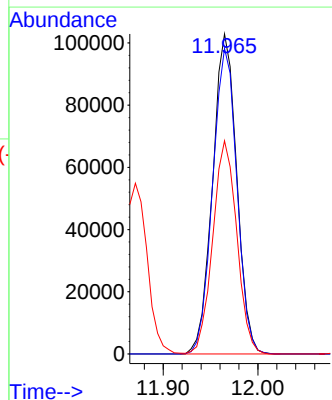
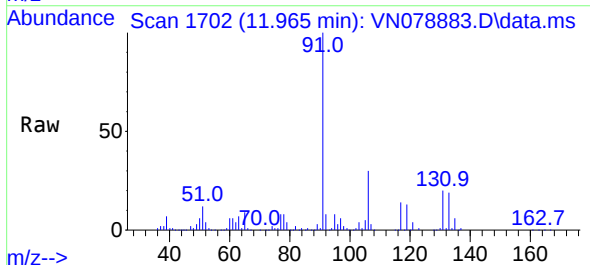
Manual Integrations
APPROVED

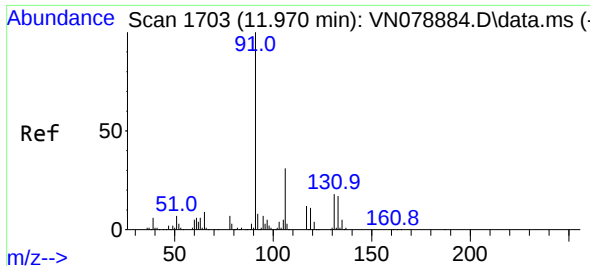
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 75.607 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Tgt Ion:131 Resp: 182055
Ion Ratio Lower Upper
131 100
133 95.7 46.4 139.1
119 66.4 34.1 102.2





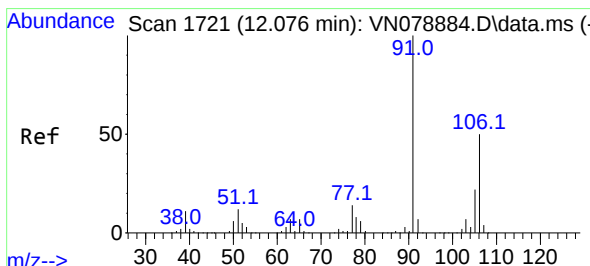
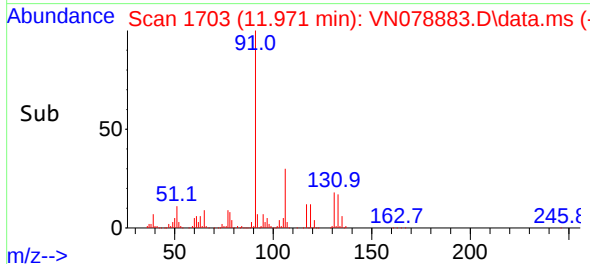
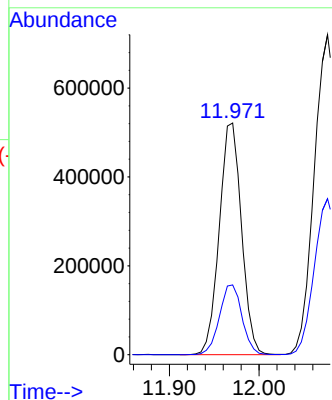
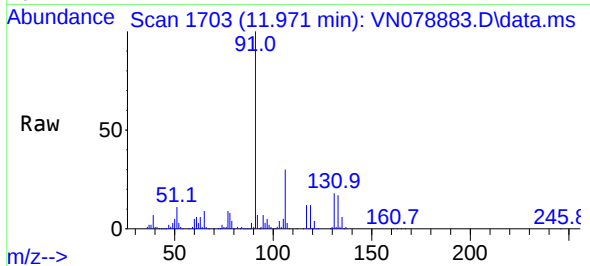
#67
Ethyl Benzene
Concen: 77.364 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 91 Resp: 89641
Ion Ratio Lower Upper
91 100
106 30.1 25.6 38.4

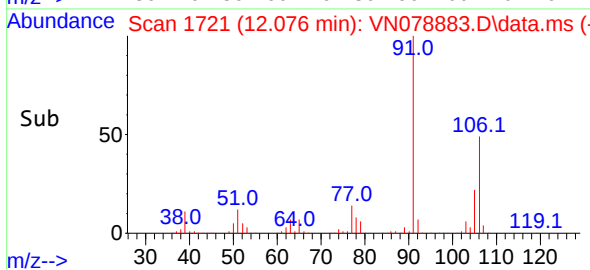
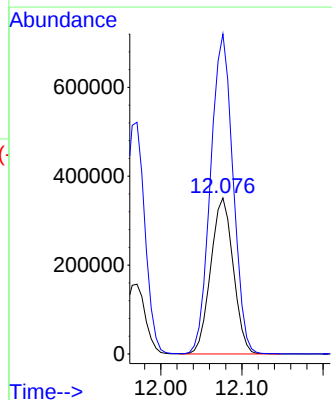
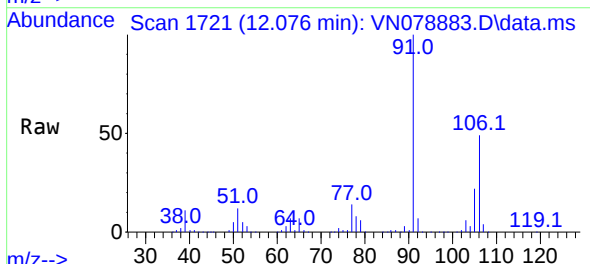
Manual Integrations
APPROVED

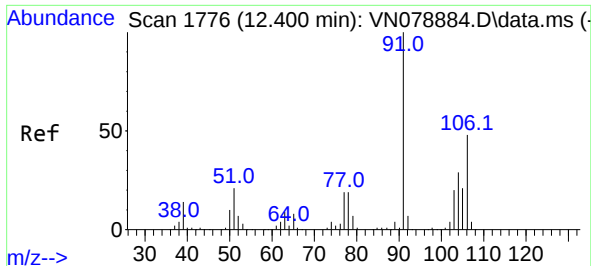
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#68
m/p-Xylenes
Concen: 156.223 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Tgt Ion:106 Resp: 676781
Ion Ratio Lower Upper
106 100
91 204.4 159.6 239.4





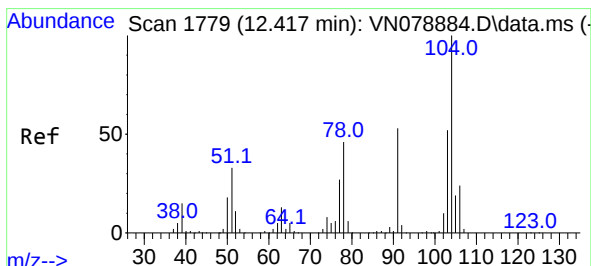
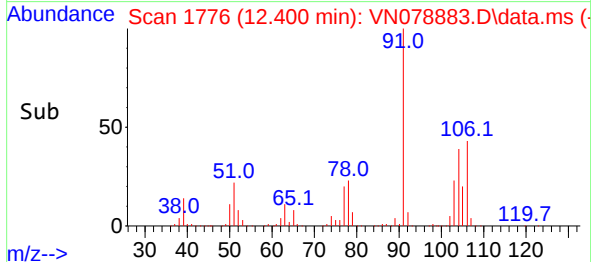
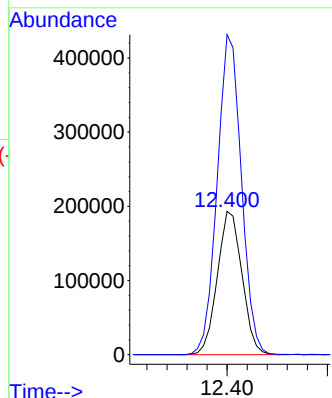
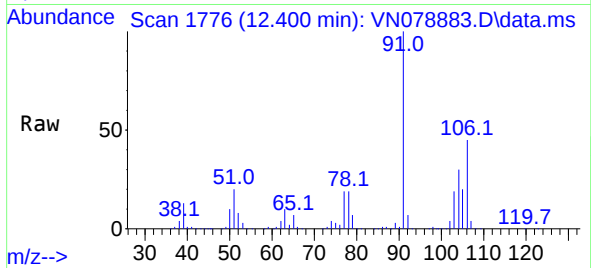
#69
o-Xylene
Concen: 78.204 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion:106 Resp: 32956
Ion Ratio Lower Upper
106 100
91 219.4 105.2 315.5

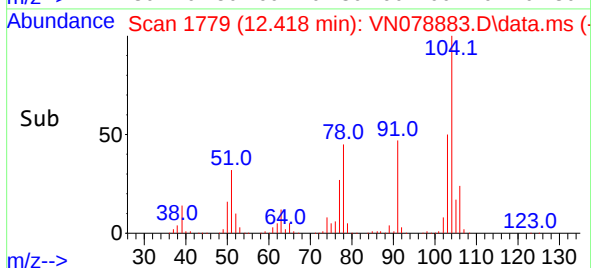
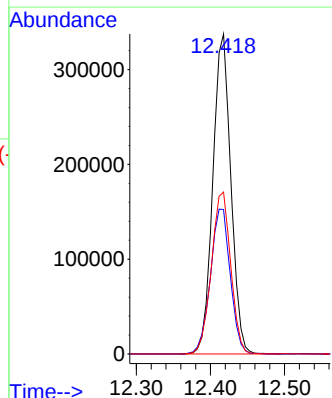
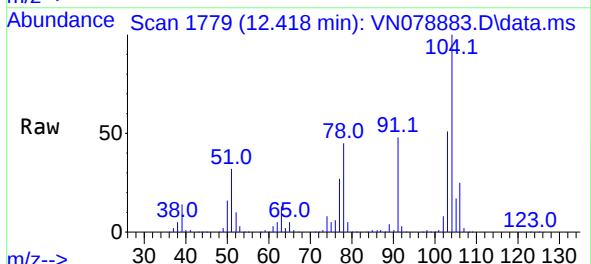
Manual Integrations
APPROVED

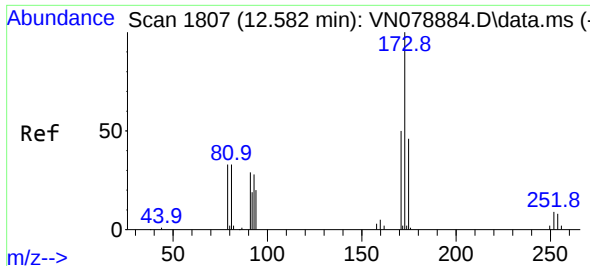
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#70
Styrene
Concen: 81.131 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

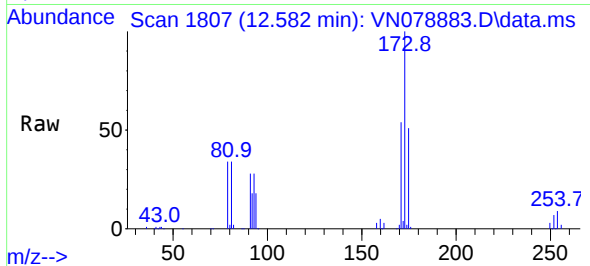
Tgt Ion:104 Resp: 570101
Ion Ratio Lower Upper
104 100
78 50.0 39.5 59.3
103 54.4 43.2 64.8





#71
Bromoform
Concen: 81.664 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

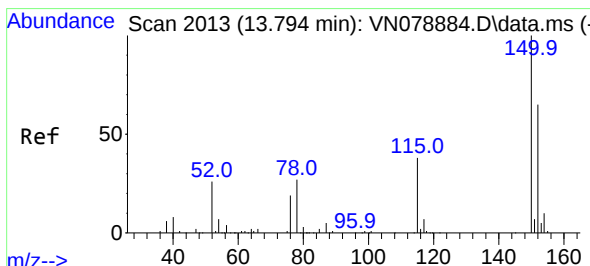
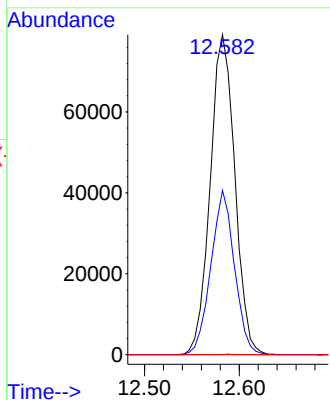
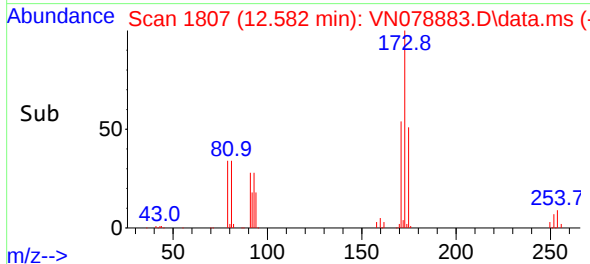
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



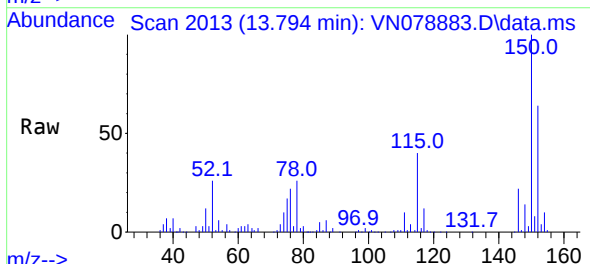
Tgt Ion:173 Resp: 142959
Ion Ratio Lower Upper
173 100
175 49.1 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

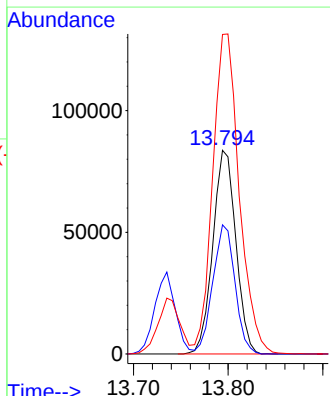
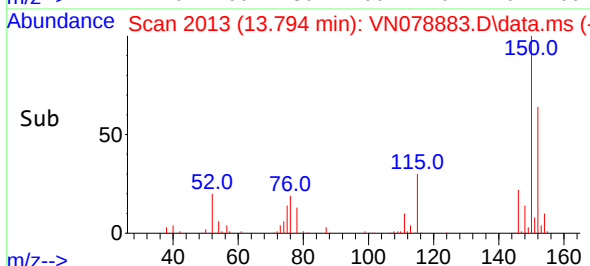
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

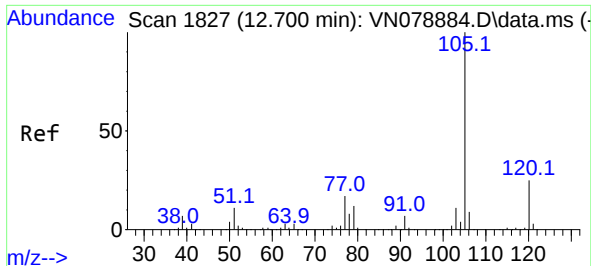


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49



Tgt Ion:152 Resp: 141531
Ion Ratio Lower Upper
152 100
115 61.0 32.3 96.8
150 181.5 0.0 355.8





#73
Isopropylbenzene
Concen: 70.761 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

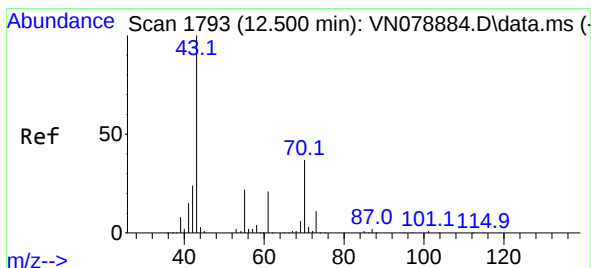
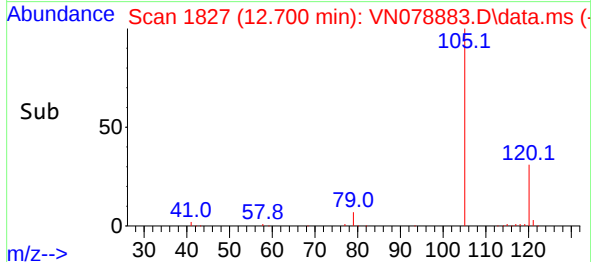
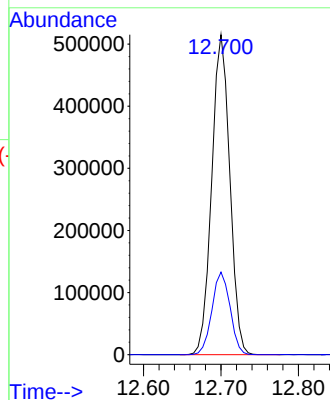
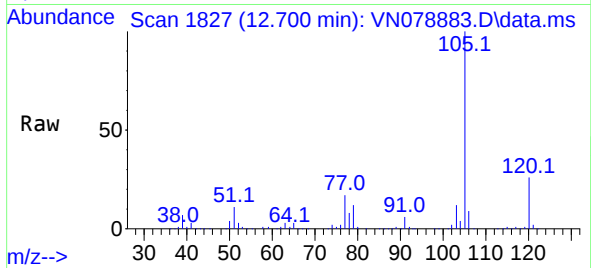
VSTDICC075

Tgt Ion:105 Resp: 83506
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1

Manual Integrations

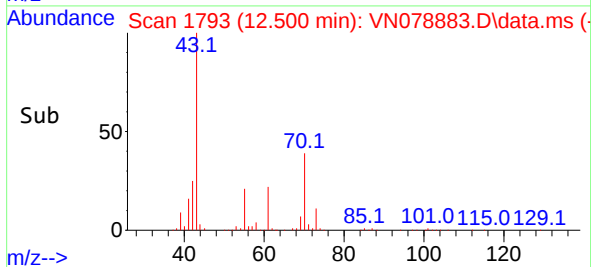
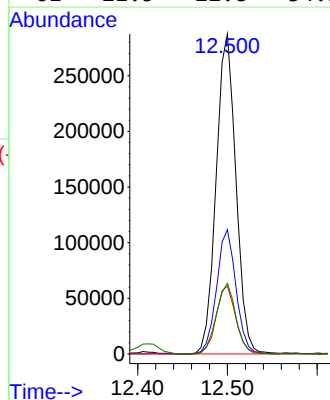
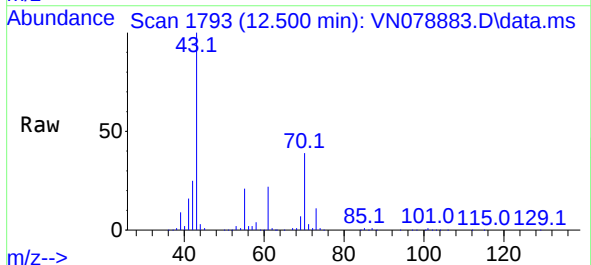
APPROVED

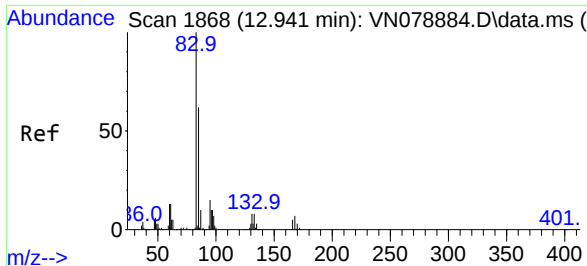
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#74
N-ethyl acetate
Concen: 73.845 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

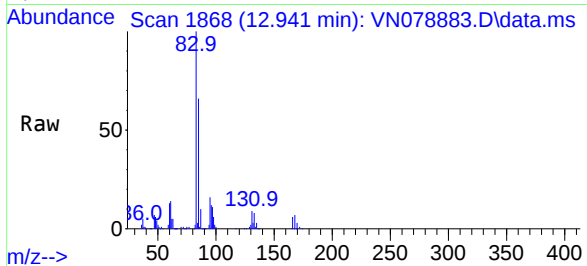
Tgt Ion: 43 Resp: 439877
Ion Ratio Lower Upper
43 100
70 38.2 43.4 65.2#
55 21.8 21.4 32.0
61 21.5 22.8 34.2#





#75
1,1,2,2-Tetrachloroethane
Concen: 66.328 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

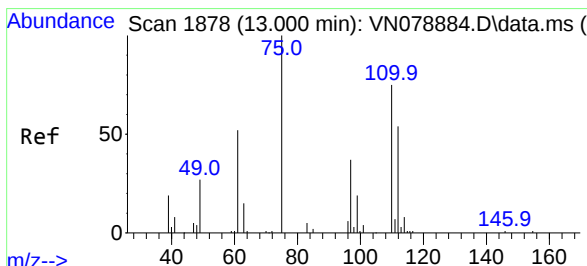
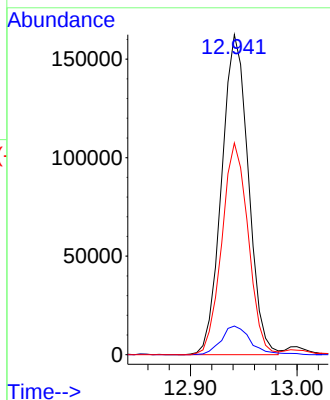
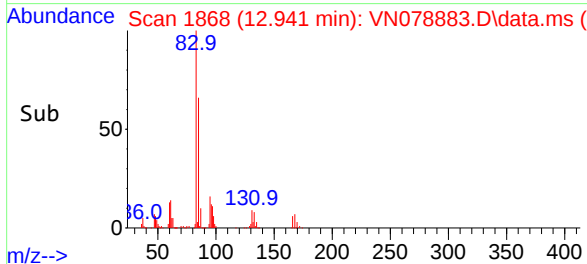
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



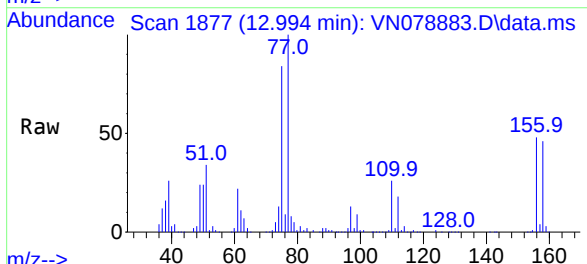
Tgt Ion: 83 Resp: 282628
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 65.3 31.9 95.7

Manual Integrations
APPROVED

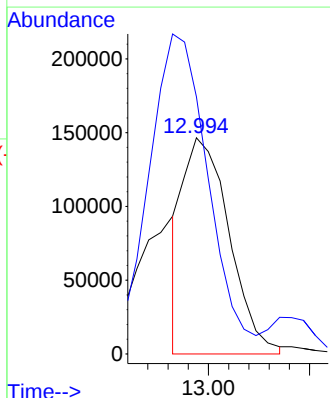
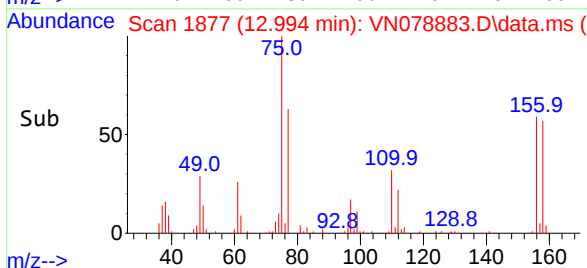
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

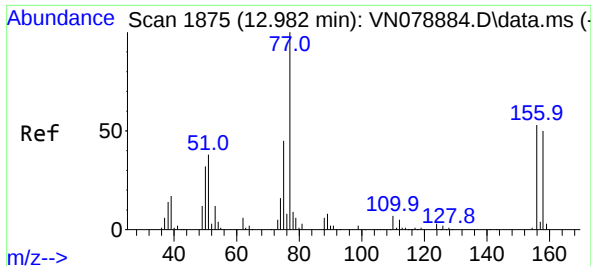


#76
1,2,3-Trichloropropane
Concen: 44.323 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49



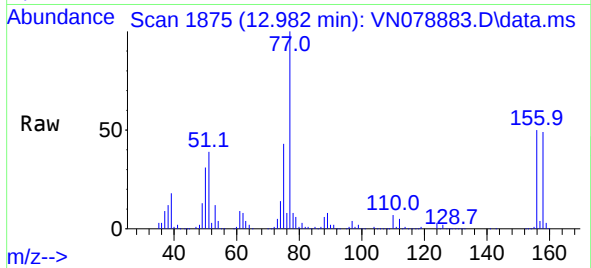
Tgt Ion: 75 Resp: 232758
Ion Ratio Lower Upper
75 100
77 191.0 84.5 253.5





#77
Bromobenzene
Concen: 70.187 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

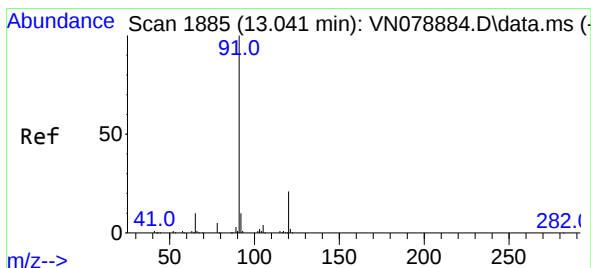
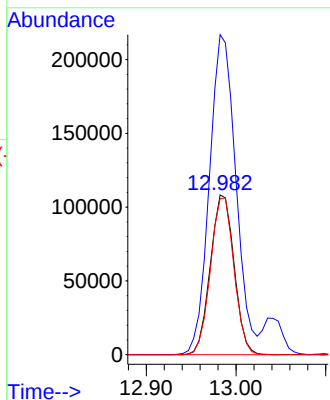
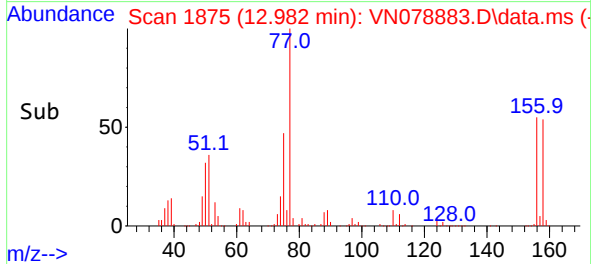
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



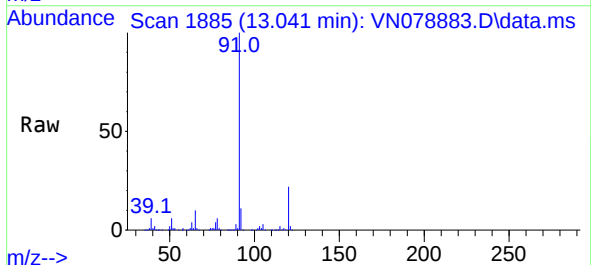
Tgt Ion:156 Resp: 199093
Ion Ratio Lower Upper
156 100
77 223.3 107.7 323.3
158 97.0 48.4 145.3

Manual Integrations
APPROVED

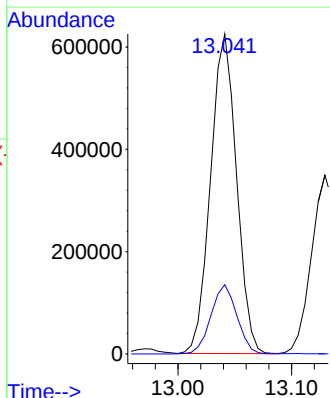
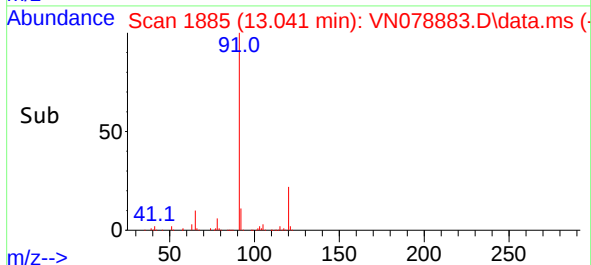
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

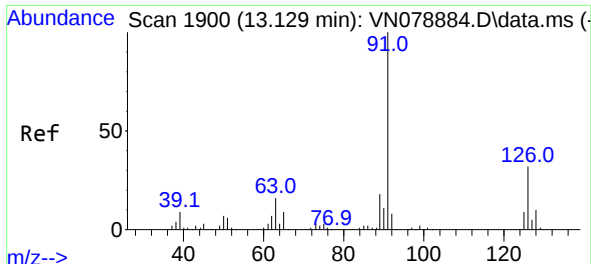


#78
n-propylbenzene
Concen: 72.441 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49



Tgt Ion: 91 Resp: 991320
Ion Ratio Lower Upper
91 100
120 21.6 11.5 34.4





#79
2-Chlorotoluene
Concen: 69.547 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

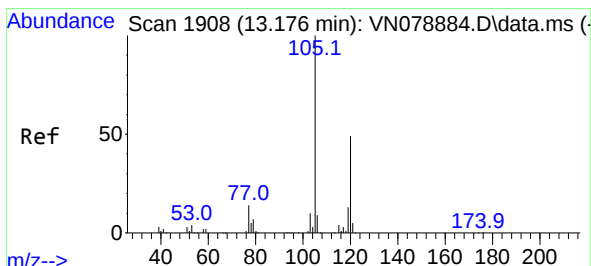
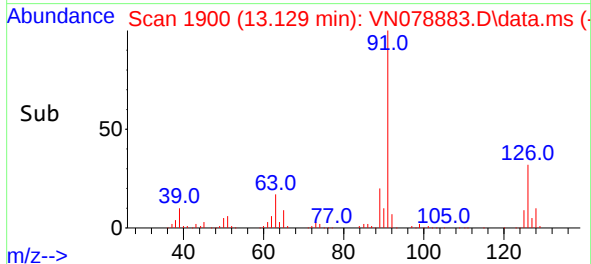
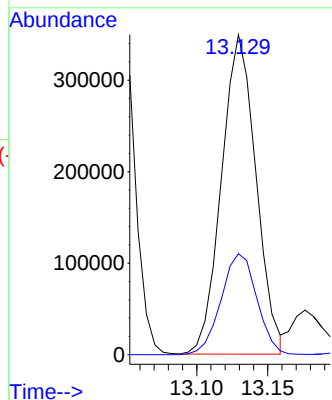
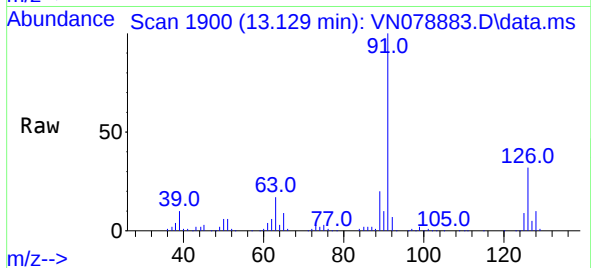
VSTDICC075

Tgt Ion: 91 Resp: 59036
Ion Ratio Lower Upper
91 100
126 32.8 16.3 48.8

Manual Integrations

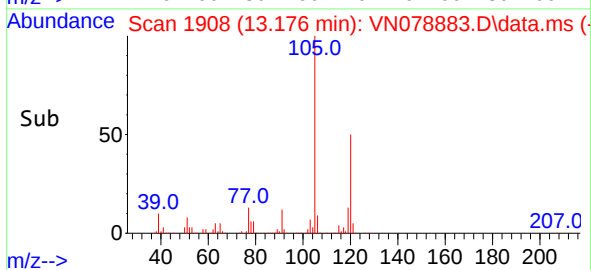
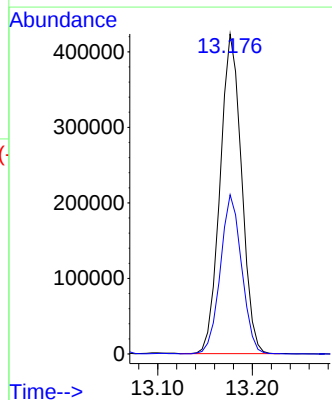
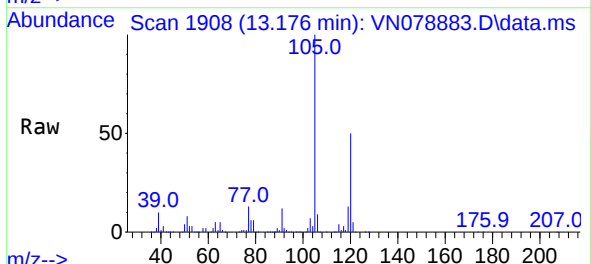
APPROVED

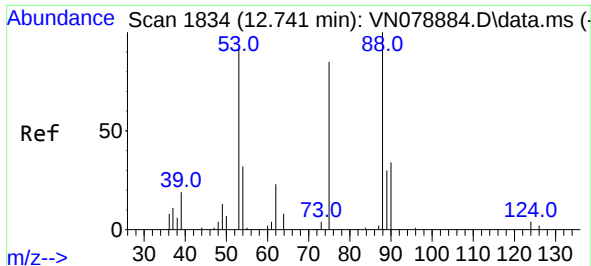
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#80
1,3,5-Trimethylbenzene
Concen: 71.343 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

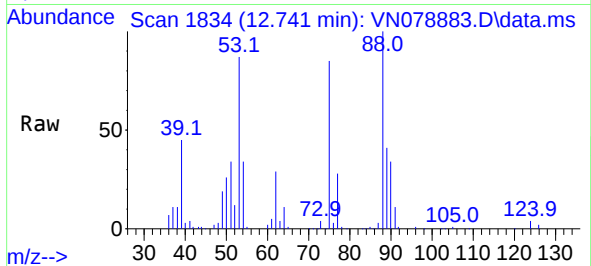
Tgt Ion:105 Resp: 667199
Ion Ratio Lower Upper
105 100
120 49.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 72.708 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

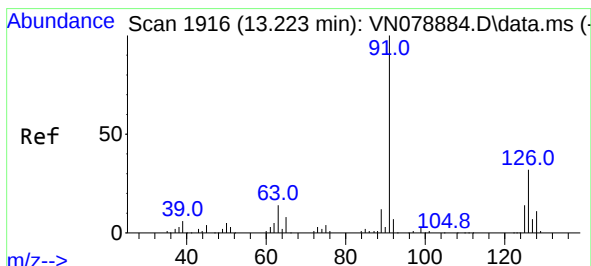
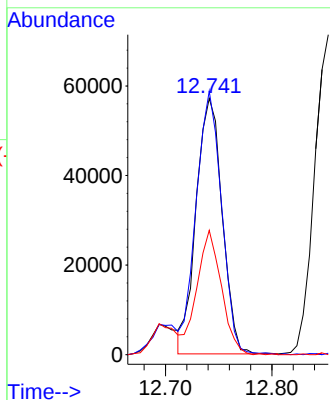
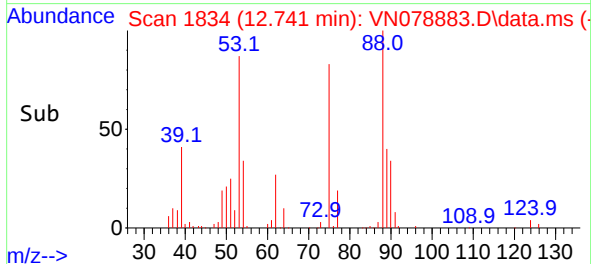
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075



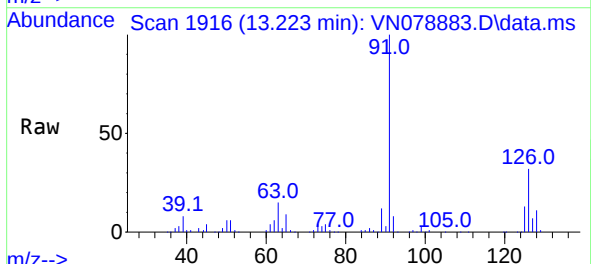
Tgt Ion: 75 Resp: 97063
Ion Ratio Lower Upper
75 100
53 101.4 67.4 101.2
89 46.4 38.8 58.2

Manual Integrations
APPROVED

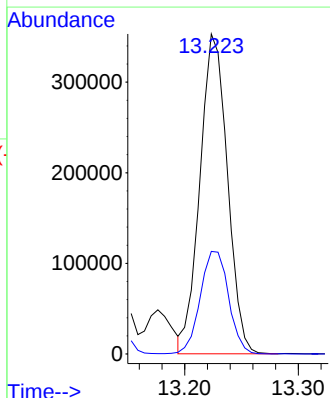
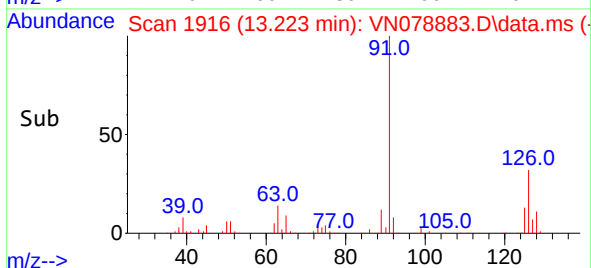
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

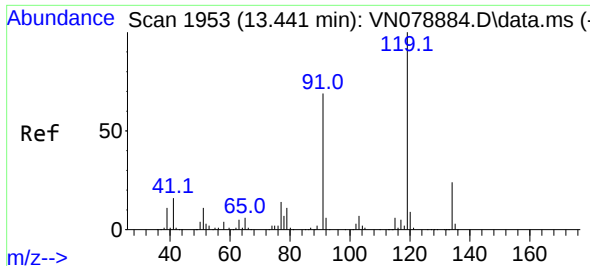


#82
4-Chlorotoluene
Concen: 71.445 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49



Tgt Ion: 91 Resp: 593424
Ion Ratio Lower Upper
91 100
126 33.1 16.7 50.0





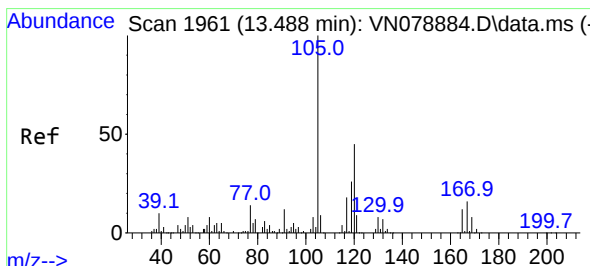
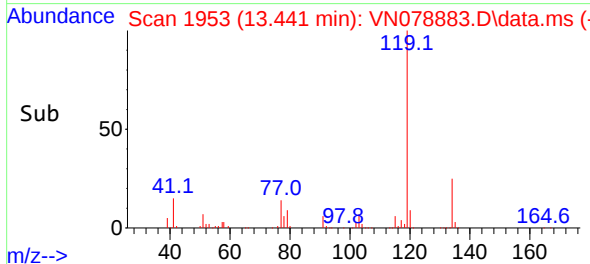
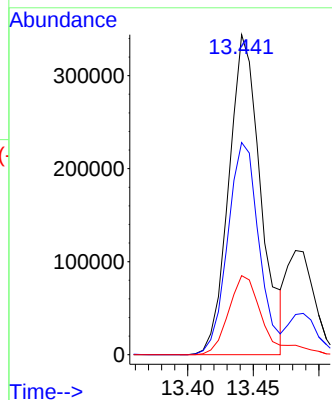
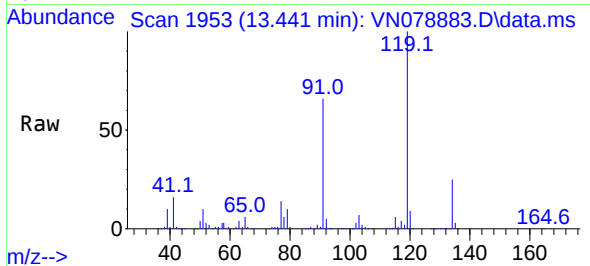
#83
tert-Butylbenzene
Concen: 74.033 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075

Tgt Ion:119 Resp: 58172
Ion Ratio Lower Upper
119 100
91 65.2 33.9 101.7
134 26.7 13.2 39.6

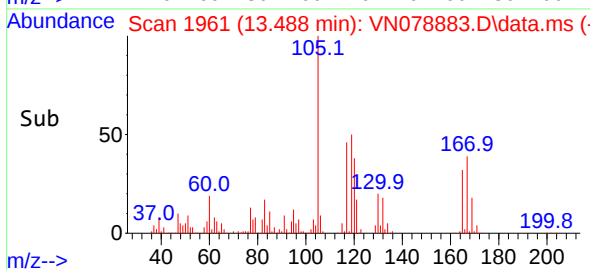
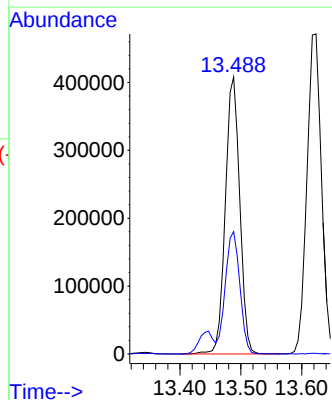
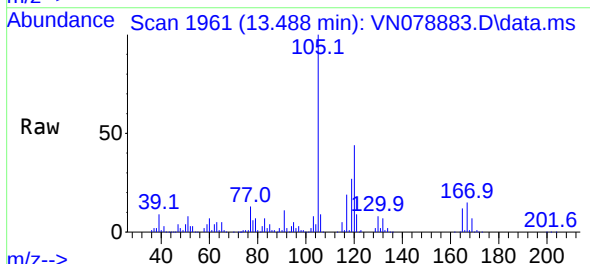
Manual Integrations
APPROVED

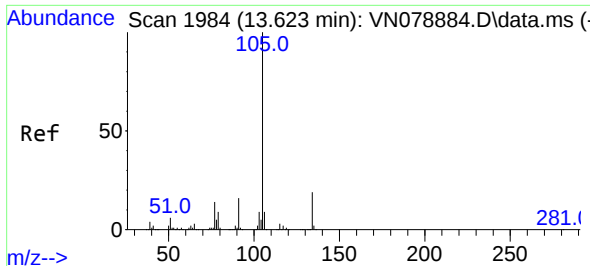
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#84
1,2,4-Trimethylbenzene
Concen: 72.396 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

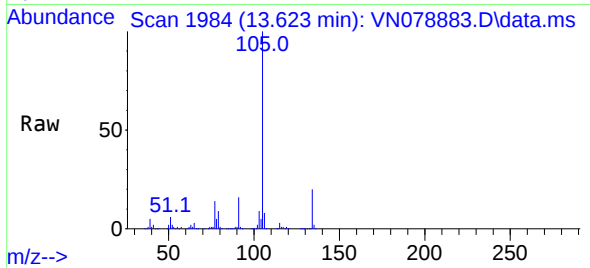
Tgt Ion:105 Resp: 670392
Ion Ratio Lower Upper
105 100
120 44.6 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 72.205 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078883.D
 Acq: 15 Aug 2023 11:49

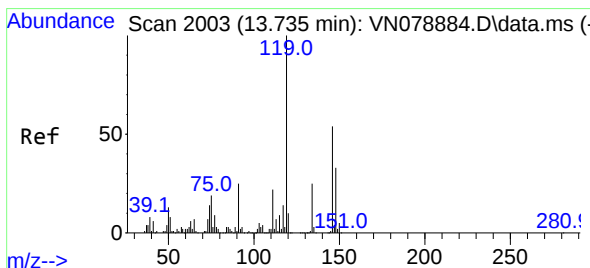
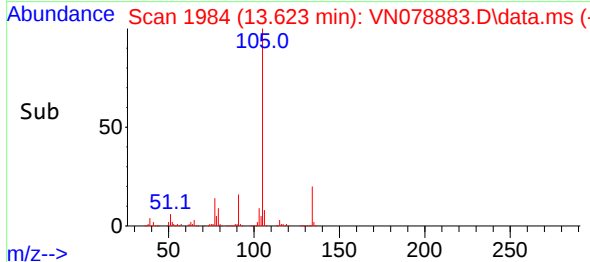
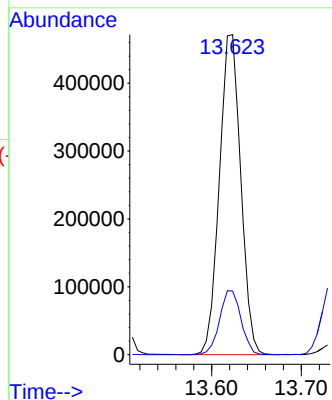
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC075



Tgt Ion:105 Resp: 780795
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3

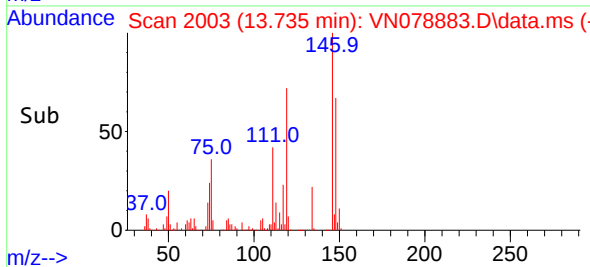
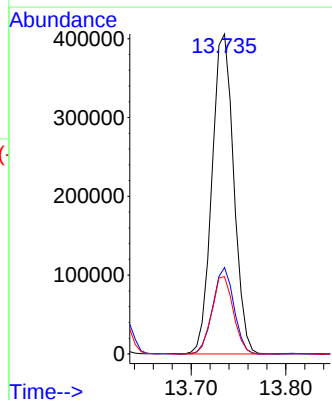
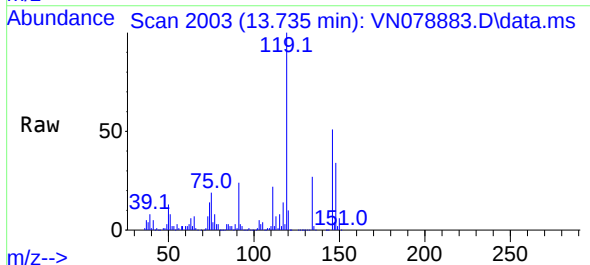
Manual Integrations
 APPROVED

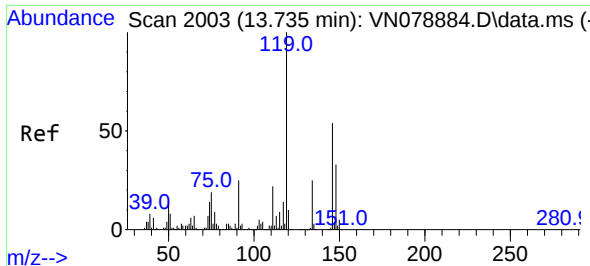
Reviewed By :John Carlone 08/16/2023
 Supervised By :Mahesh Dadoda 08/16/2023



#86
 p-Isopropyltoluene
 Concen: 74.933 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078883.D
 Acq: 15 Aug 2023 11:49

Tgt Ion:119 Resp: 647386
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.6 37.8
 91 24.0 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 73.158 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN078883.D

Acq: 15 Aug 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC075

Tgt Ion:146 Resp: 35709

Ion Ratio Lower Upper

146 100

111 40.8 22.1 66.3

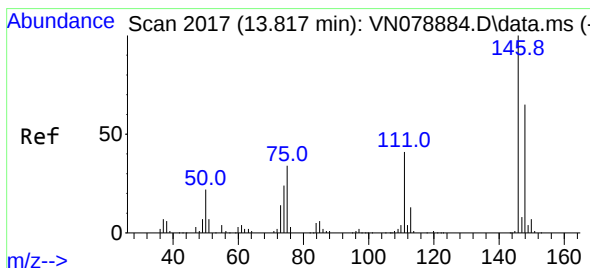
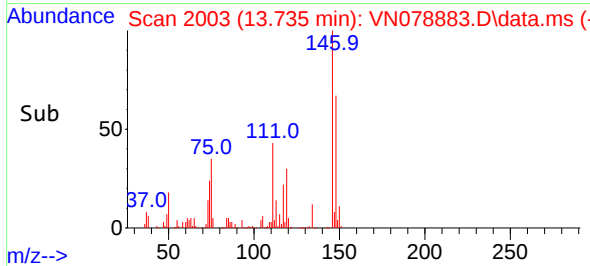
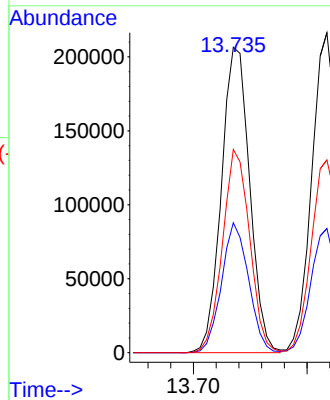
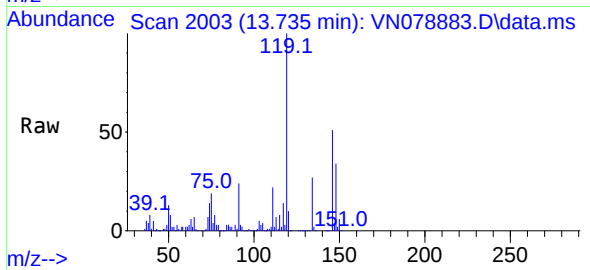
148 64.1 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 08/16/2023

Supervised By :Mahesh Dadoda 08/16/2023



#88

1,4-Dichlorobenzene

Concen: 73.358 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. -0.000 min

Lab File: VN078883.D

Acq: 15 Aug 2023 11:49

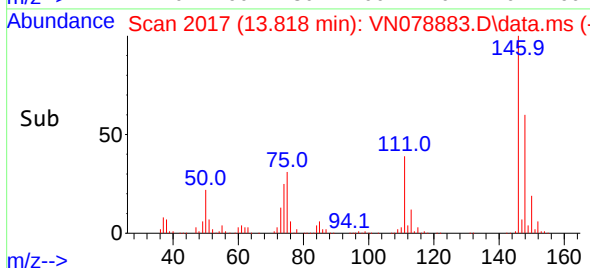
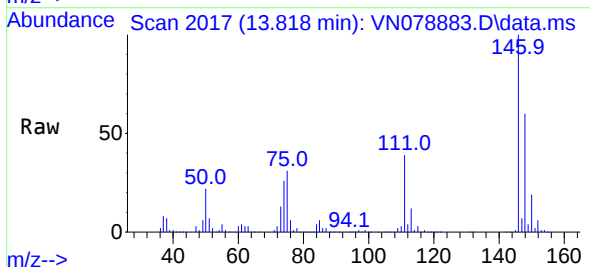
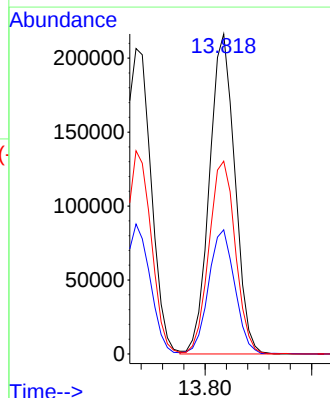
Tgt Ion:146 Resp: 358393

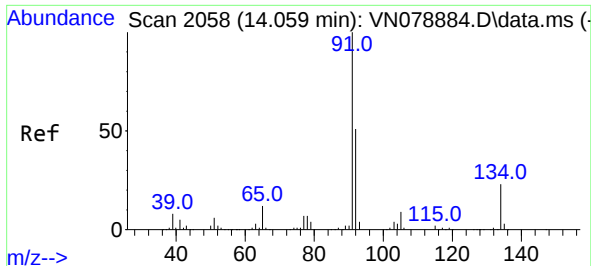
Ion Ratio Lower Upper

146 100

111 39.6 20.6 61.8

148 62.6 31.6 94.8





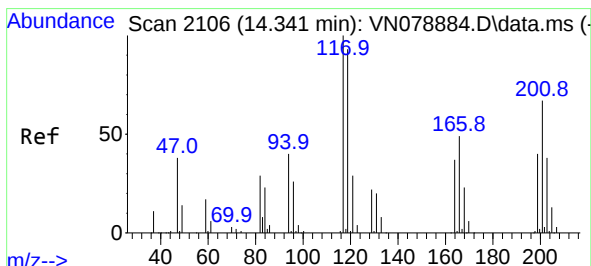
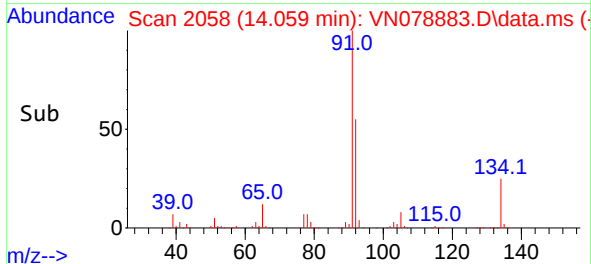
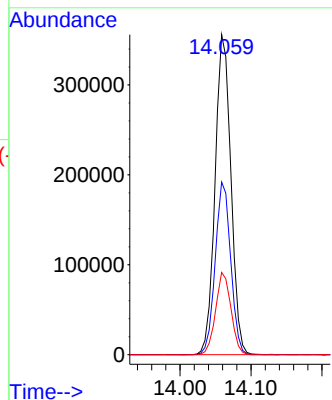
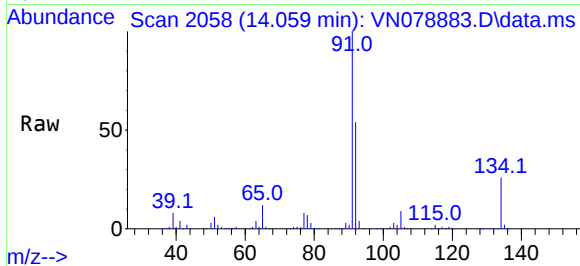
#89
n-Butylbenzene
Concen: 77.501 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC075

Tgt Ion: 91 Resp: 55102
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.0
134 24.9 12.6 37.6

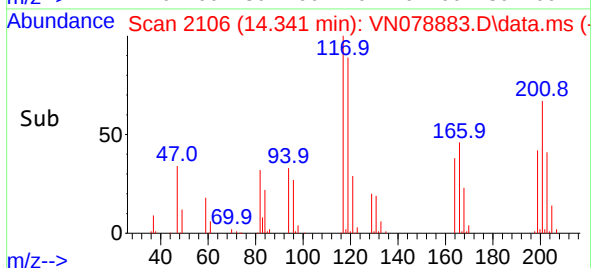
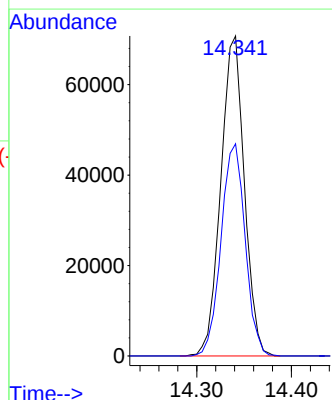
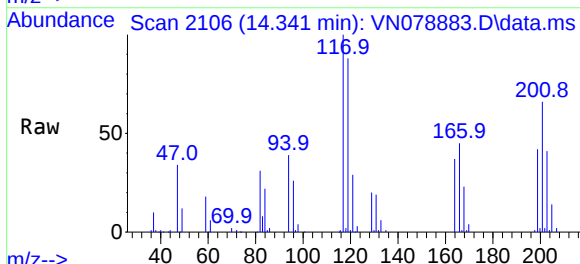
Manual Integrations
APPROVED

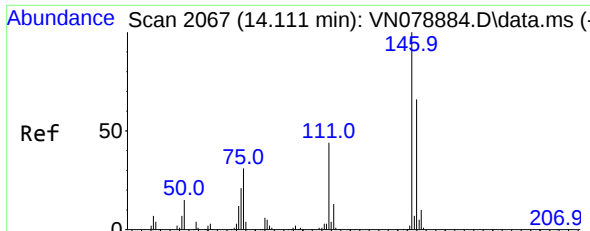
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023



#90
Hexachloroethane
Concen: 70.597 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

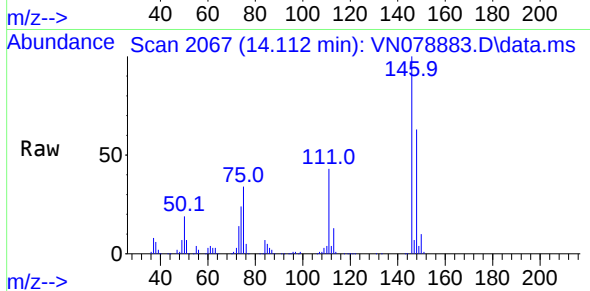
Tgt Ion:117 Resp: 122264
Ion Ratio Lower Upper
117 100
201 67.9 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 72.301 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

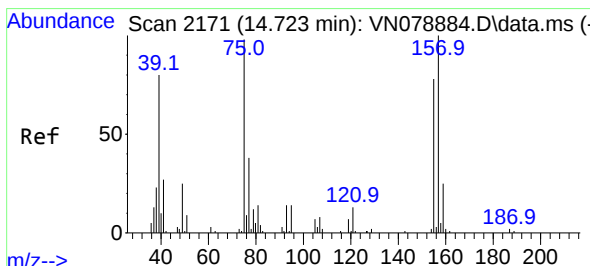
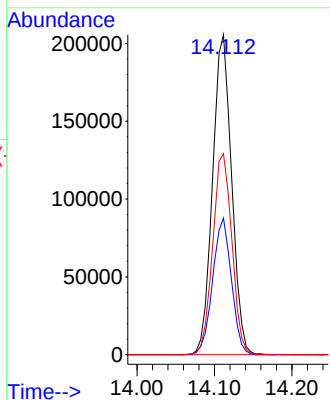
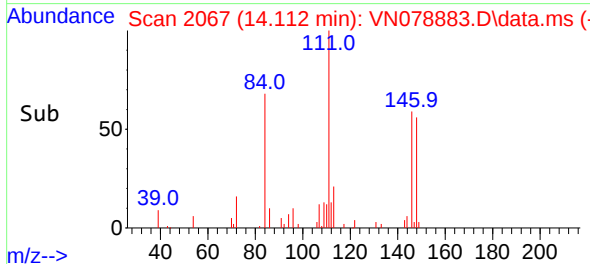
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



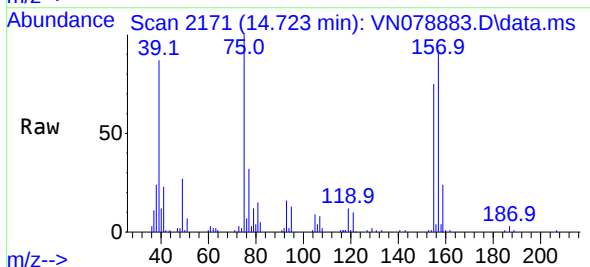
Tgt Ion:146 Resp: 35095
Ion Ratio Lower Upper
146 100
111 41.9 22.0 66.0
148 63.3 31.8 95.3

Manual Integrations
APPROVED

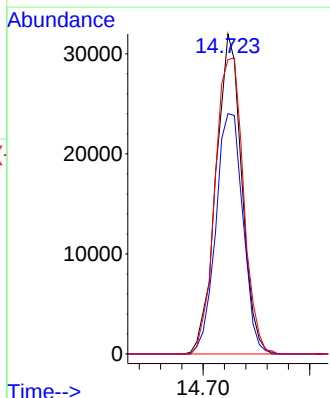
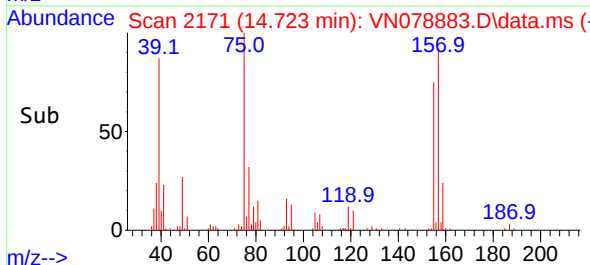
Reviewed By :John Carlone 08/16/2023
Supervised By :Mahesh Dadoda 08/16/2023

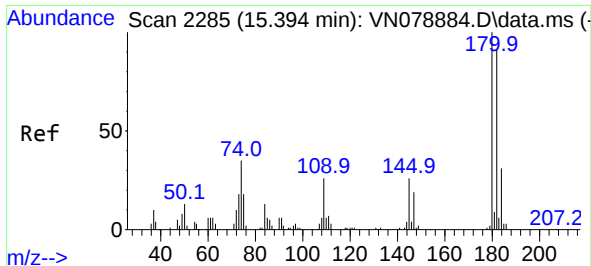


#92
1,2-Dibromo-3-Chloropropane
Concen: 78.663 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49



Tgt Ion: 75 Resp: 53678
Ion Ratio Lower Upper
75 100
155 79.4 39.1 117.2
157 102.0 50.3 150.9





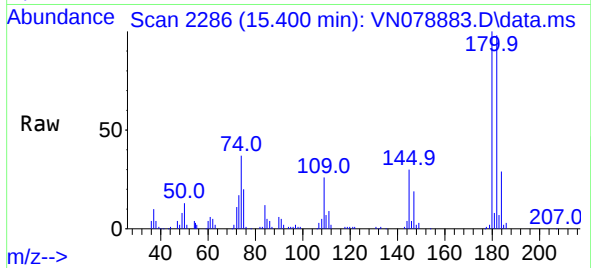
#93
1,2,4-Trichlorobenzene
Concen: 84.434 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC075



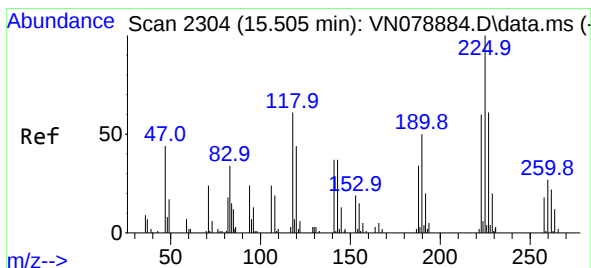
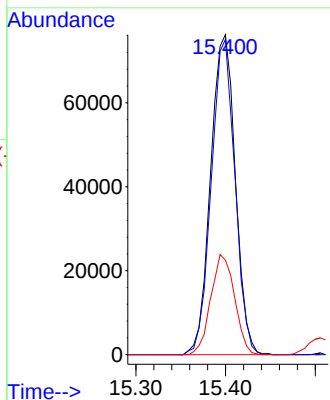
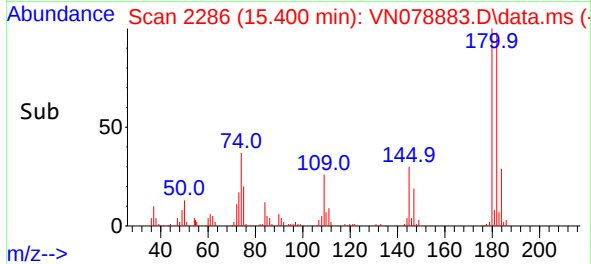
Tgt Ion:180 Resp: 14529
Ion Ratio Lower Upper
180 100
182 94.1 46.1 138.2
145 30.2 16.6 49.8

Manual Integrations

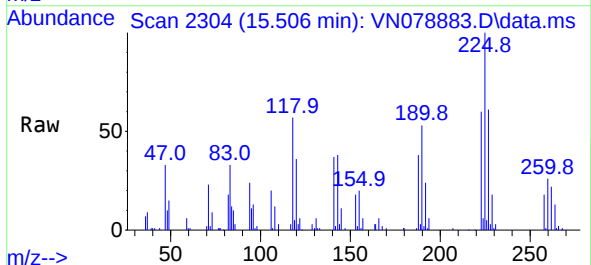
APPROVED

Reviewed By :John Carlone 08/16/2023

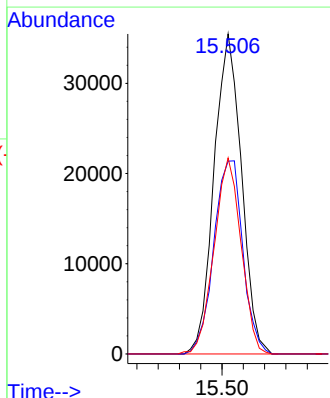
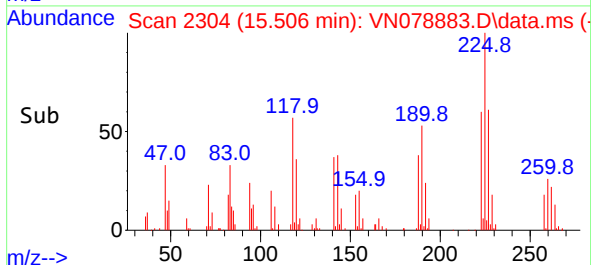
Supervised By :Mahesh Dadoda 08/16/2023

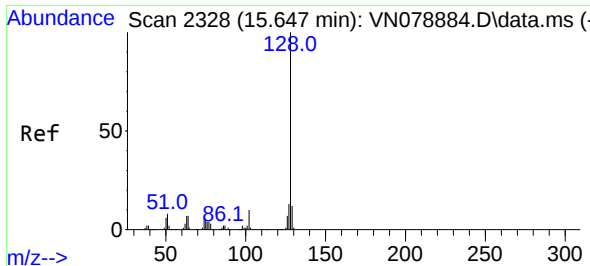


#94
Hexachlorobutadiene
Concen: 77.948 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49



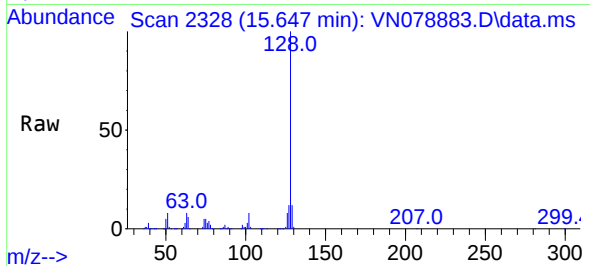
Tgt Ion:225 Resp: 63281
Ion Ratio Lower Upper
225 100
223 64.1 31.3 93.8
227 60.3 31.9 95.9





#95
Naphthalene
Concen: 76.341 ug/l
RT: 15.647 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49

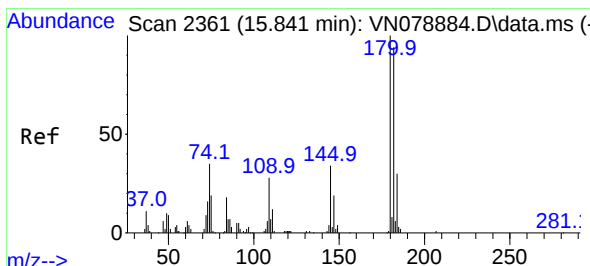
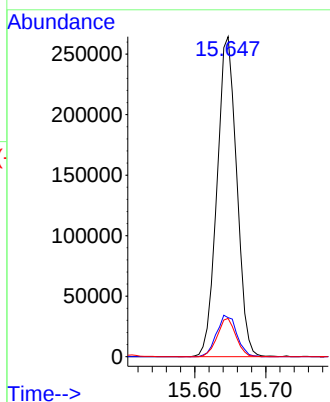
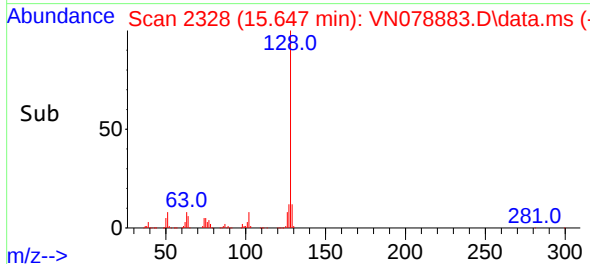
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC075



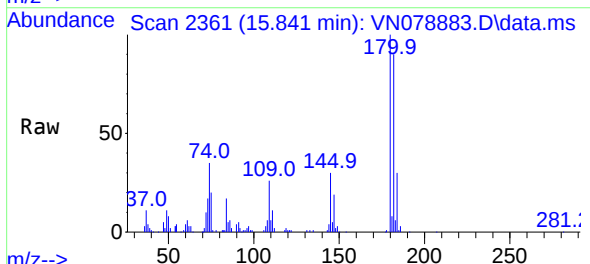
Tgt Ion:128 Resp: 50723
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 11.4 8.7 13.1

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 79.568 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN078883.D
Acq: 15 Aug 2023 11:49



Tgt Ion:180 Resp: 149962
Ion Ratio Lower Upper
180 100
182 94.4 46.2 138.6
145 31.7 17.5 52.6

