

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092023\
 Data File : VN079306.D
 Acq On : 20 Sep 2023 09:55
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/21/2023
 Supervised By : Mahesh Dadoda 09/21/2023

Quant Time: Sep 21 01:53:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	179217	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	304991	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	286198	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	129763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	147507	60.972	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 121.940%			
35) Dibromofluoromethane	8.171	113	117177	57.758	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 115.520%			
50) Toluene-d8	10.570	98	428621	57.539	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 115.080%#			
62) 4-Bromofluorobenzene	12.853	95	144975	61.012	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 122.020%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	95479	53.843	ug/l	98
3) Chloromethane	2.365	50	120986	51.974	ug/l	100
4) Vinyl Chloride	2.518	62	143131	56.431	ug/l	97
5) Bromomethane	2.942	94	75579	51.840	ug/l	100
6) Chloroethane	3.112	64	99212	61.377	ug/l	99
7) Trichlorofluoromethane	3.494	101	178582	48.082	ug/l	99
8) Diethyl Ether	3.965	74	64987	50.411	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.377	101	100337	50.798	ug/l	99
10) Methyl Iodide	4.583	142	104889	64.916	ug/l	98
11) Tert butyl alcohol	5.530	59	92616	207.358	ug/l	100
12) 1,1-Dichloroethene	4.341	96	92748	48.523	ug/l #	77
13) Acrolein	4.183	56	98250	230.605	ug/l	95
14) Allyl chloride	5.030	41	147399	48.341	ug/l	90
15) Acrylonitrile	5.724	53	301029	259.924	ug/l	96
16) Acetone	4.430	43	331588	322.722	ug/l	93
17) Carbon Disulfide	4.712	76	250593	41.947	ug/l	99
18) Methyl Acetate	5.024	43	226491	53.635	ug/l #	85
19) Methyl tert-butyl Ether	5.800	73	344700	52.582	ug/l	93
20) Methylene Chloride	5.277	84	121963	48.778	ug/l #	79
21) trans-1,2-Dichloroethene	5.794	96	106990	48.252	ug/l #	80
22) Diisopropyl ether	6.677	45	388217	58.027	ug/l #	90
23) Vinyl Acetate	6.606	43	1145780	278.437	ug/l #	85
24) 1,1-Dichloroethane	6.571	63	220955	53.575	ug/l	98
25) 2-Butanone	7.488	43	439903	295.081	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	178680	52.795	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	130242	51.369	ug/l	86
28) Bromochloromethane	7.818	49	124985	67.027	ug/l #	73
29) Tetrahydrofuran	7.841	42	268802	283.336	ug/l #	75
30) Chloroform	7.971	83	232318	54.103	ug/l	92
31) Cyclohexane	8.265	56	173077	48.996	ug/l	86
32) 1,1,1-Trichloroethane	8.171	97	195941	53.531	ug/l	96
36) 1,1-Dichloropropene	8.371	75	163695	52.348	ug/l	96
37) Ethyl Acetate	7.565	43	169566	54.365	ug/l #	89
38) Carbon Tetrachloride	8.365	117	163590	50.553	ug/l	97
39) Methylcyclohexane	9.606	83	156069	50.597	ug/l #	82
40) Benzene	8.612	78	496916	51.910	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	85767	54.538	ug/l #	88
42) 1,2-Dichloroethane	8.677	62	180527	54.780	ug/l	97
43) Isopropyl Acetate	8.694	43	267503	52.562	ug/l #	90
44) Trichloroethene	9.353	130	115734	49.078	ug/l	99
45) 1,2-Dichloropropane	9.623	63	134237	56.504	ug/l	93
46) Dibromomethane	9.712	93	87466	54.234	ug/l	94
47) Bromodichloromethane	9.894	83	185632	56.196	ug/l #	96
48) Methyl methacrylate	9.688	41	128414	56.333	ug/l #	83
49) 1,4-Dioxane	9.700	88	49679	1059.557	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	870112	294.528	ug/l	89
52) Toluene	10.635	92	313315	53.258	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	187483	53.826	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	201229	54.015	ug/l #	90
55) 1,1,2-Trichloroethane	11.018	97	123348	53.435	ug/l	96
56) Ethyl methacrylate	10.876	69	183077	56.184	ug/l #	81
57) 1,3-Dichloropropane	11.165	76	217911	54.608	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	345164	251.716	ug/l	89
59) 2-Hexanone	11.200	43	642333	300.192	ug/l	87
60) Dibromochloromethane	11.365	129	131384	53.479	ug/l	100
61) 1,2-Dibromoethane	11.476	107	119597	51.916	ug/l	99
64) Tetrachloroethene	11.106	164	100267	48.047	ug/l	94
65) Chlorobenzene	11.894	112	314022	48.434	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	118257	48.641	ug/l	97
67) Ethyl Benzene	11.970	91	594199	53.581	ug/l	94
68) m/p-Xylenes	12.076	106	468790	113.410	ug/l	93
69) o-Xylene	12.400	106	223889	56.475	ug/l	92
70) Styrene	12.417	104	384750	60.344	ug/l	98
71) Bromoform	12.582	173	95929	53.448	ug/l #	98
73) Isopropylbenzene	12.700	105	556636	47.148	ug/l	99
74) N-amyl acetate	12.500	43	236945	52.900	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	185888	42.283	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	146976m	42.026	ug/l	
77) Bromobenzene	12.982	156	126617	42.355	ug/l	94
78) n-propylbenzene	13.041	91	665894	50.209	ug/l	97
79) 2-Chlorotoluene	13.129	91	393748	45.393	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	460264	46.787	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	56312	44.267	ug/l	86
82) 4-Chlorotoluene	13.223	91	392480	48.153	ug/l	98
83) tert-Butylbenzene	13.441	119	386402	47.480	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	461489	49.258	ug/l	99
85) sec-Butylbenzene	13.623	105	545284	48.670	ug/l	99
86) p-Isopropyltoluene	13.735	119	441795	49.357	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	229980	46.904	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	221742	44.755	ug/l	99
89) n-Butylbenzene	14.059	91	360812	51.261	ug/l	97
90) Hexachloroethane	14.335	117	84626	46.557	ug/l	90
91) 1,2-Dichlorobenzene	14.111	146	222174	45.900	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	31005	46.393	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	78289	45.008	ug/l	96
94) Hexachlorobutadiene	15.505	225	48273	35.279	ug/l	98
95) Naphthalene	15.647	128	208550	40.368	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	82713	40.312	ug/l	98

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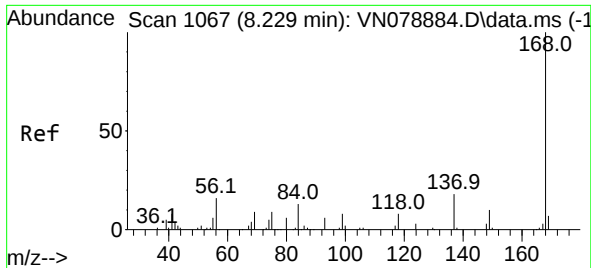
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Tue Sep 12 05:05:24 2023
Response via : Initial Calibration

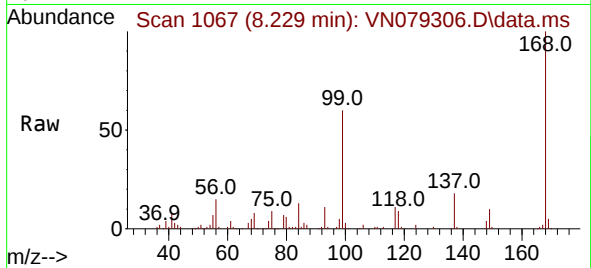
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079306.D
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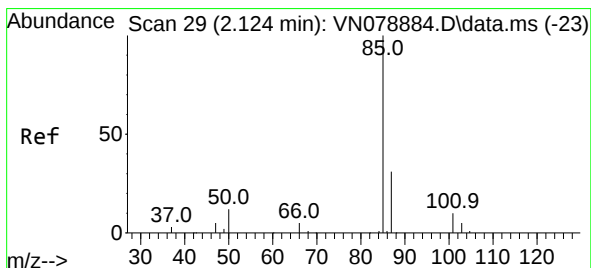
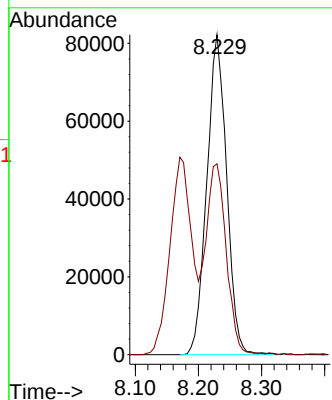
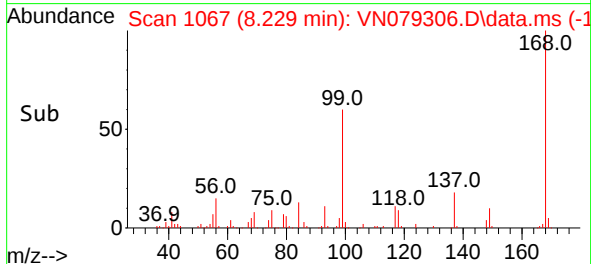
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 17921
Ion Ratio Lower Upper
168 100
99 59.4 53.0 79.6

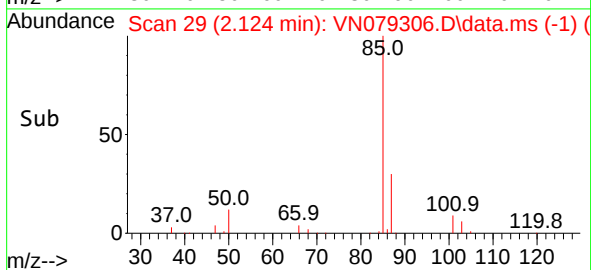
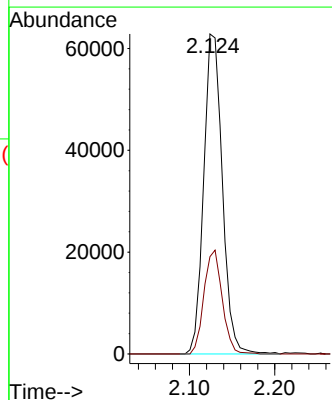
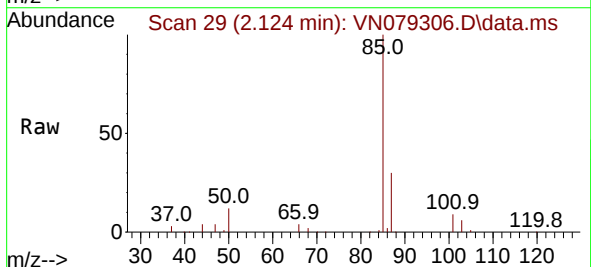
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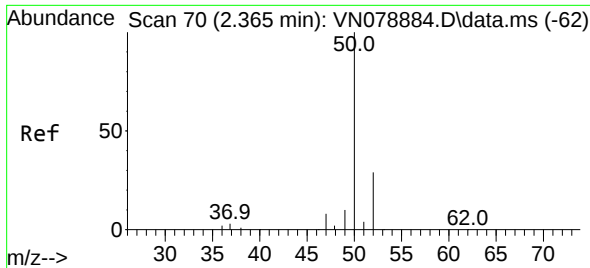
Reviewed By :John Carlone 09/21/2023
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#2
Dichlorodifluoromethane
Concen: 53.843 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.012 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

Tgt Ion: 85 Resp: 95479
Ion Ratio Lower Upper
85 100
87 30.4 15.8 47.4





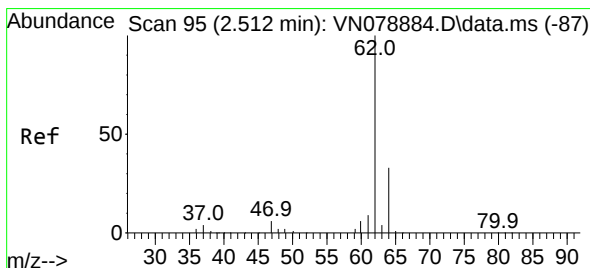
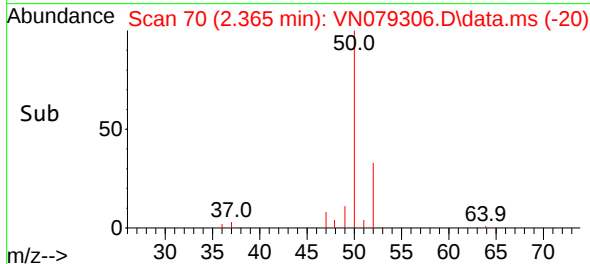
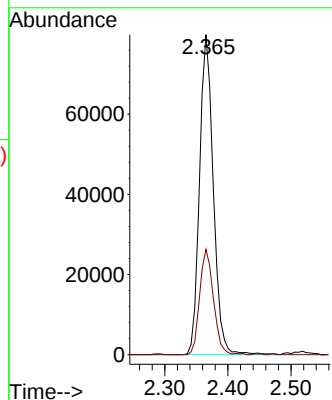
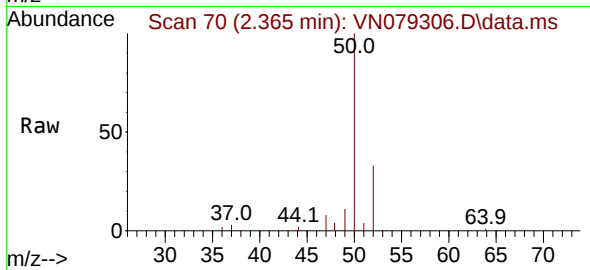
#3
Chloromethane
Concen: 51.974 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

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Tgt Ion: 50 Resp: 120980
Ion Ratio Lower Upper
50 100
52 32.9 26.5 39.7

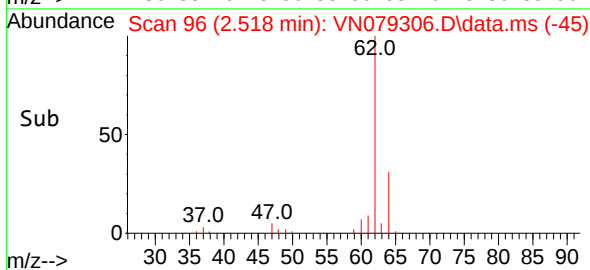
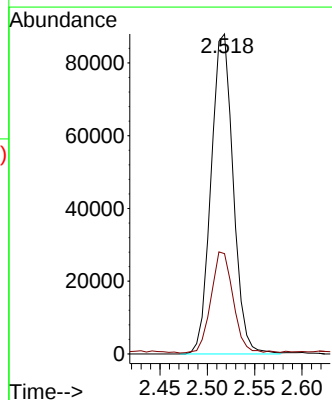
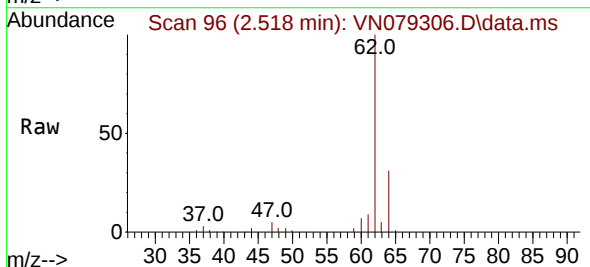
Manual Integrations
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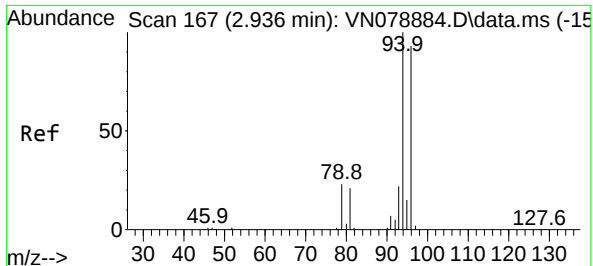
Reviewed By :John Carlone 09/21/2023
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#4
Vinyl Chloride
Concen: 56.431 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

Tgt Ion: 62 Resp: 143131
Ion Ratio Lower Upper
62 100
64 31.1 26.2 39.2





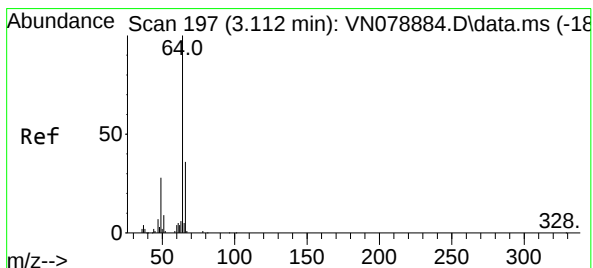
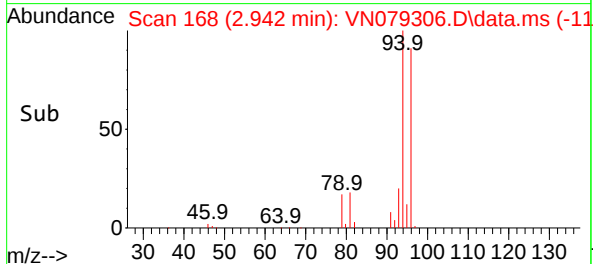
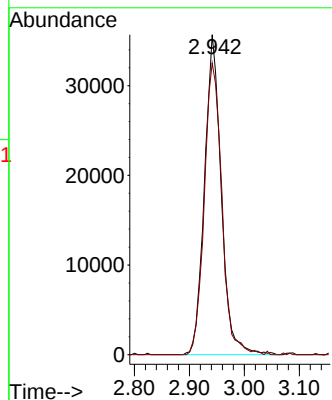
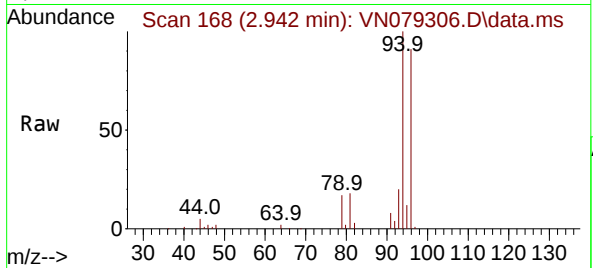
#5
Bromomethane
Concen: 51.840 ug/l
RT: 2.942 min Scan# 167
Delta R.T. -0.006 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 75579
Ion Ratio Lower Upper
94 100
96 91.1 73.1 109.7

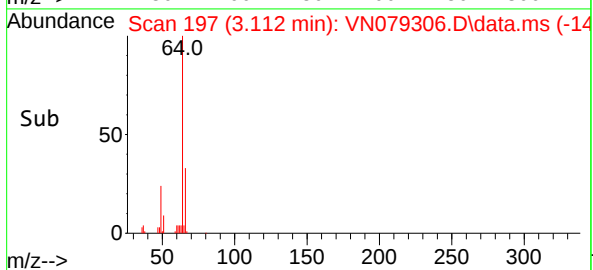
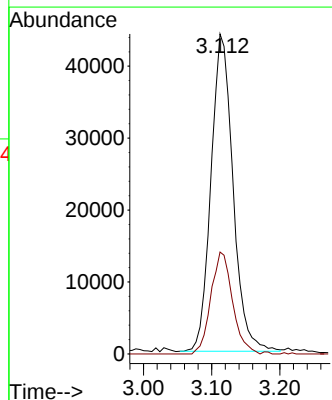
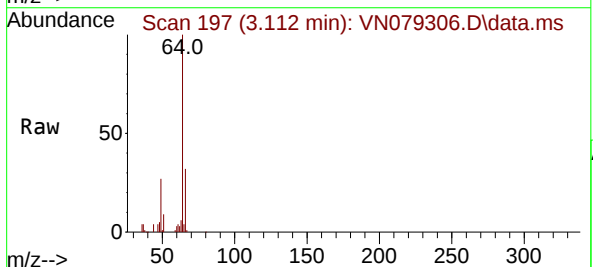
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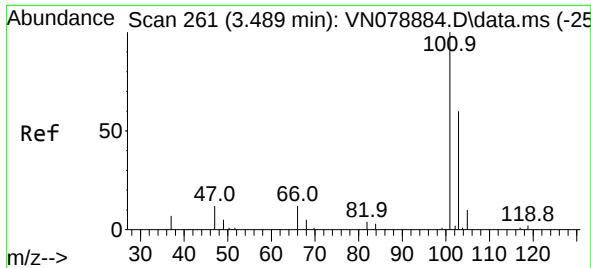
Reviewed By :John Carlone 09/21/2023
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#6
Chloroethane
Concen: 61.377 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN079306.D
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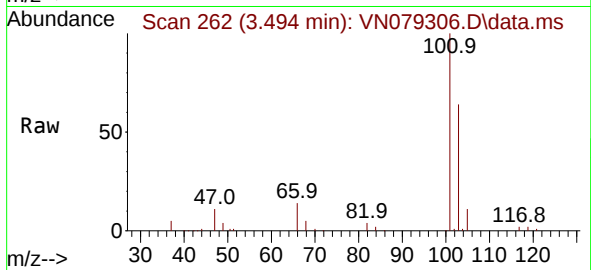
Tgt Ion: 64 Resp: 99212
Ion Ratio Lower Upper
64 100
66 32.1 25.4 38.2





#7
Trichlorofluoromethane
Concen: 48.082 ug/l
RT: 3.494 min Scan# 206
Delta R.T. -0.007 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

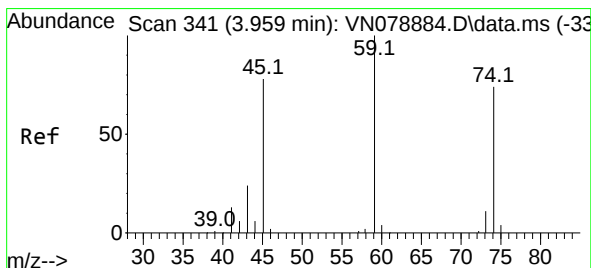
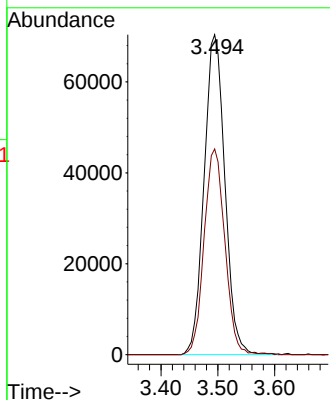
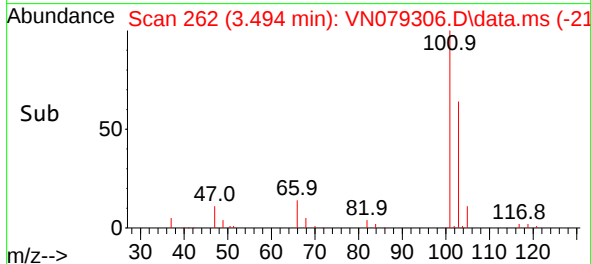
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 17858
Ion Ratio Lower Upper
101 100
103 64.3 50.7 76.1

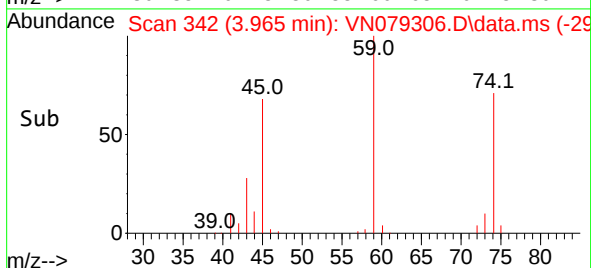
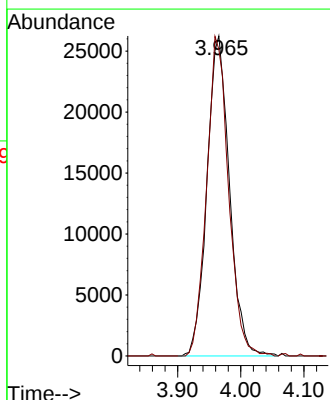
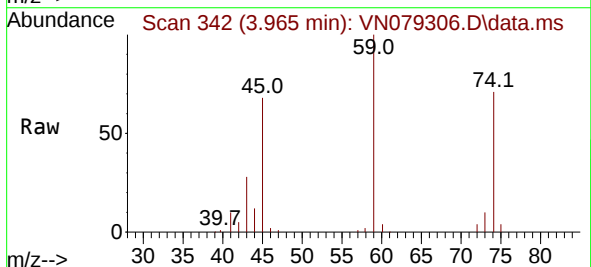
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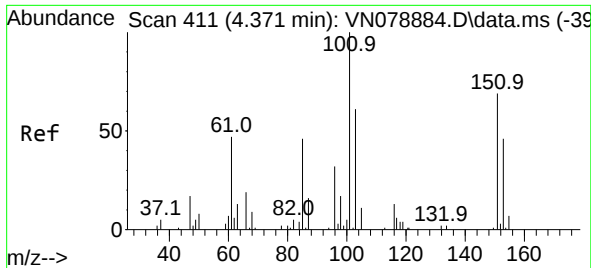
Reviewed By :John Carlone 09/21/2023
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#8
Diethyl Ether
Concen: 50.411 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

Tgt Ion: 74 Resp: 64987
Ion Ratio Lower Upper
74 100
45 97.4 34.4 103.3





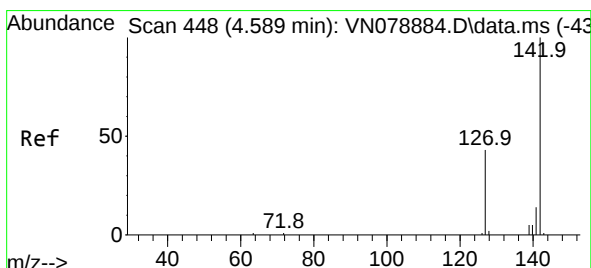
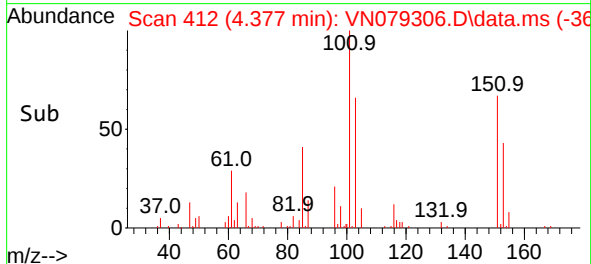
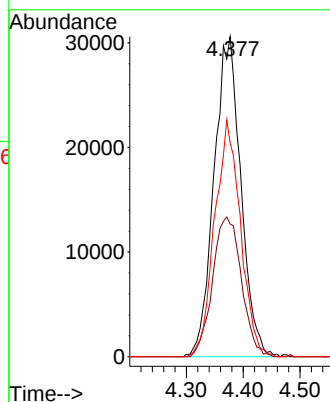
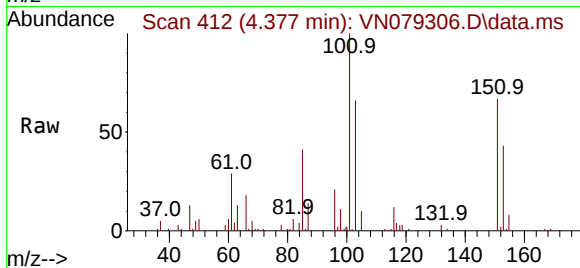
#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.798 ug/l
RT: 4.377 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 10033
Ion Ratio Lower Upper
101 100
85 46.8 36.6 55.0
151 71.1 57.6 86.4

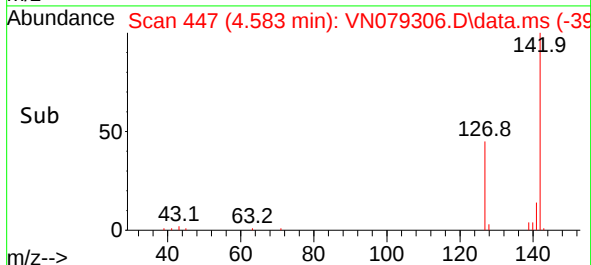
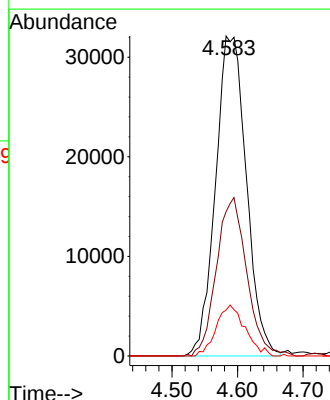
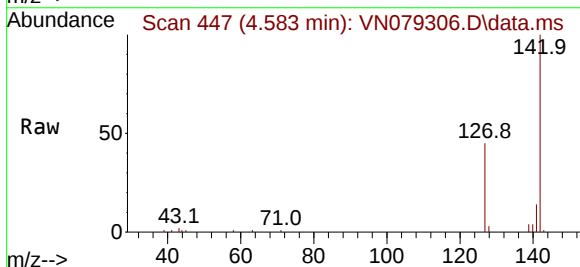
Manual Integrations
APPROVED

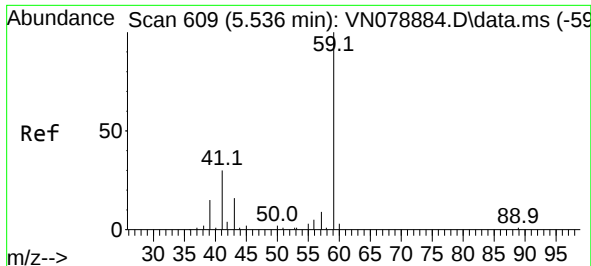
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#10
Methyl Iodide
Concen: 64.916 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.017 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

Tgt Ion:142 Resp: 104889
Ion Ratio Lower Upper
142 100
127 45.1 37.6 56.4
141 14.4 11.4 17.0





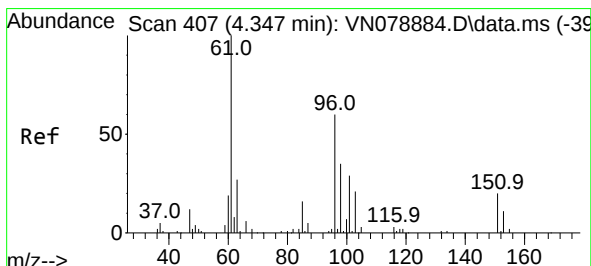
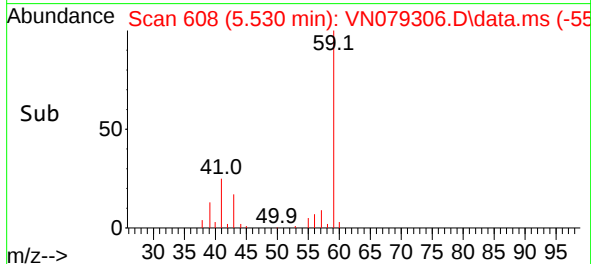
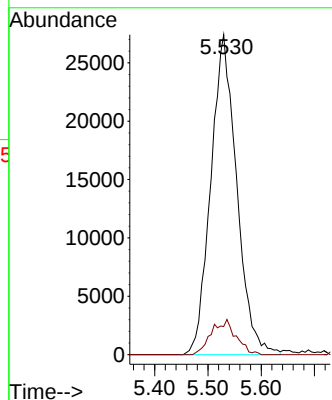
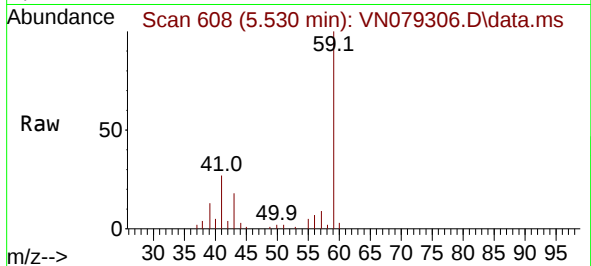
#11
Tert butyl alcohol
Concen: 207.358 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.012 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 92610
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

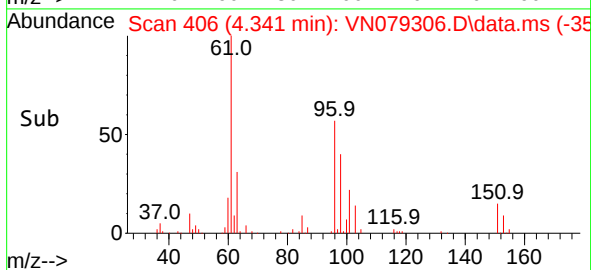
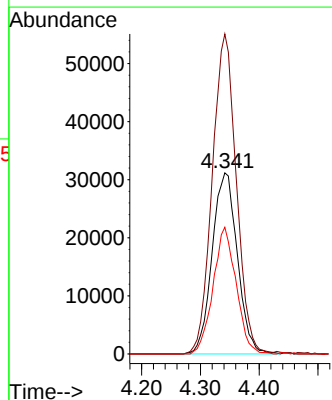
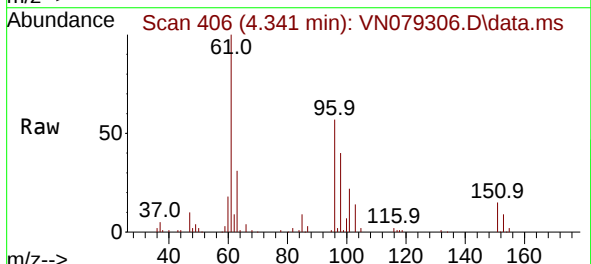
Manual Integrations
APPROVED

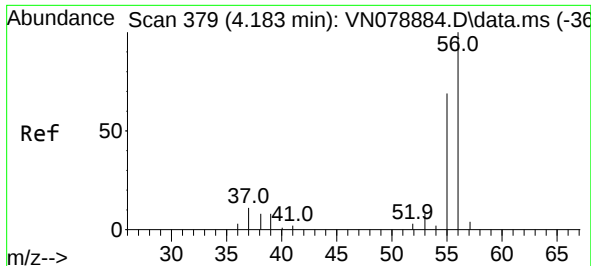
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#12
1,1-Dichloroethene
Concen: 48.523 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.007 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

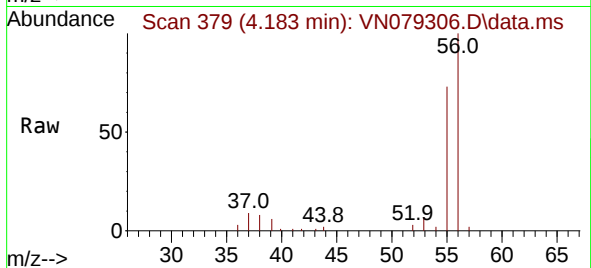
Tgt Ion: 96 Resp: 92748
Ion Ratio Lower Upper
96 100
61 176.7 112.7 169.1#
98 70.0 51.2 76.8





#13
Acrolein
Concen: 230.605 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

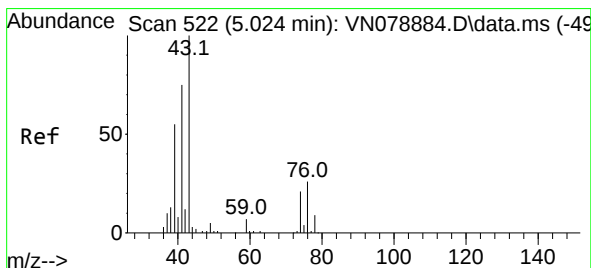
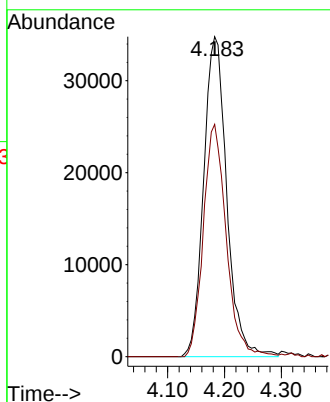
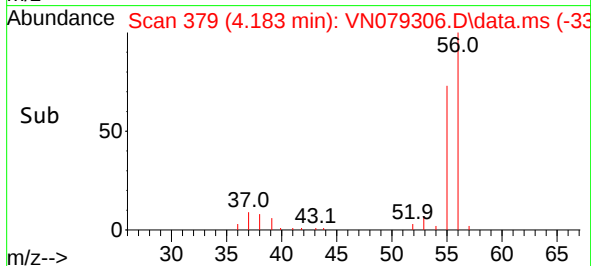
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



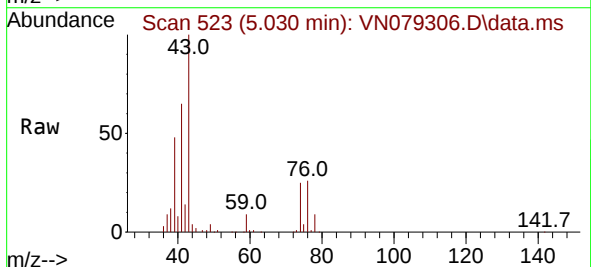
Tgt Ion: 56 Resp: 98250
Ion Ratio Lower Upper
56 100
55 71.7 54.5 81.7

Manual Integrations
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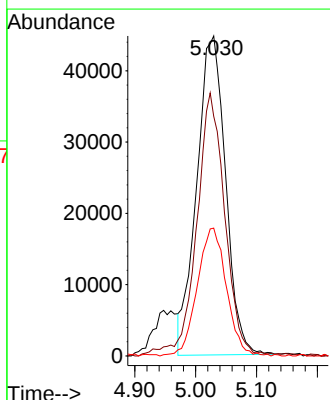
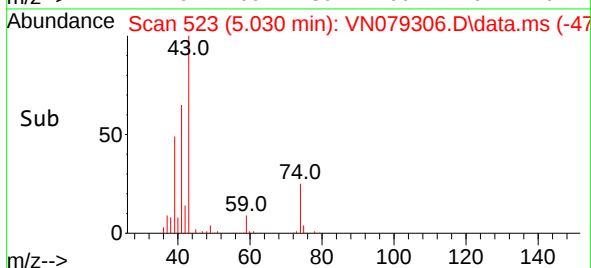
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

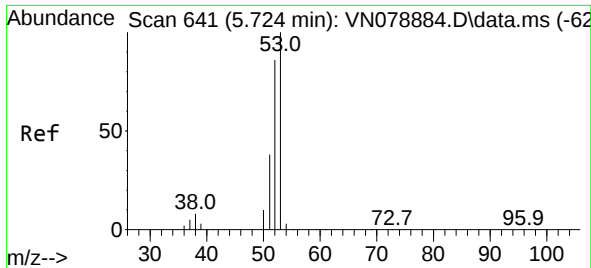


#14
Allyl chloride
Concen: 48.341 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55



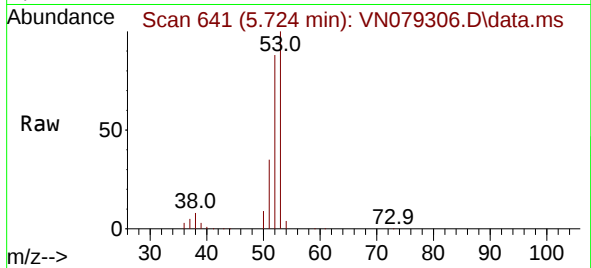
Tgt Ion: 41 Resp: 147399
Ion Ratio Lower Upper
41 100
39 80.8 58.8 88.2
76 40.5 39.1 58.7





#15
Acrylonitrile
Concen: 259.924 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

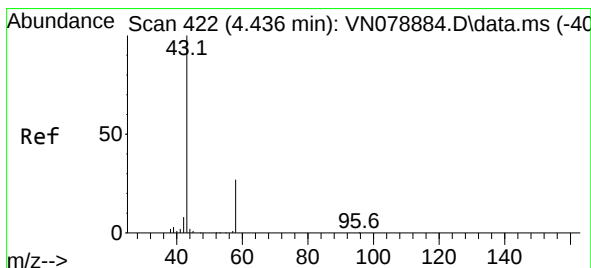
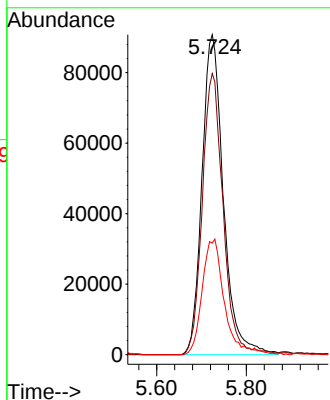
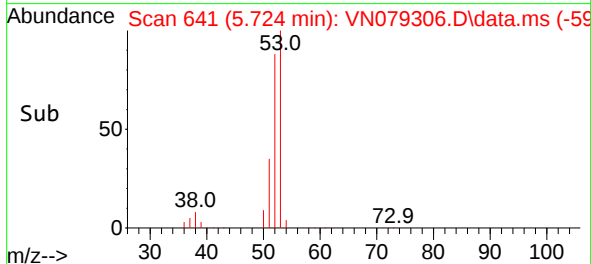
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



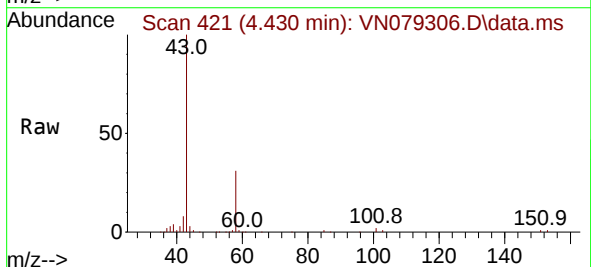
Tgt Ion: 53 Resp: 301029
Ion Ratio Lower Upper
53 100
52 85.3 65.3 97.9
51 37.4 28.9 43.3

Manual Integrations
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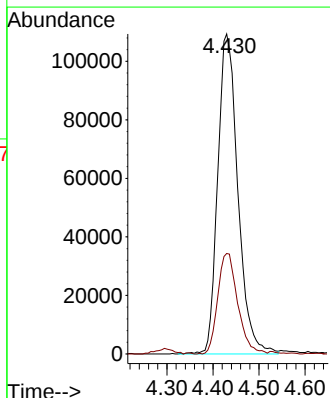
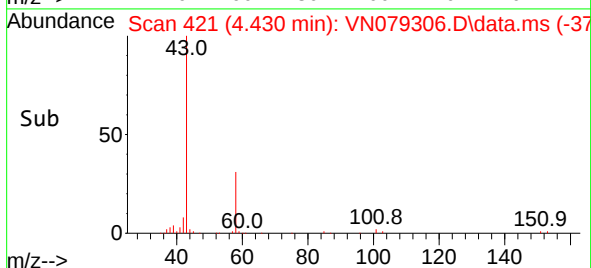
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

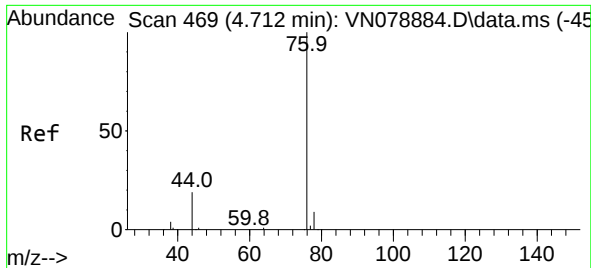


#16
Acetone
Concen: 322.722 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55



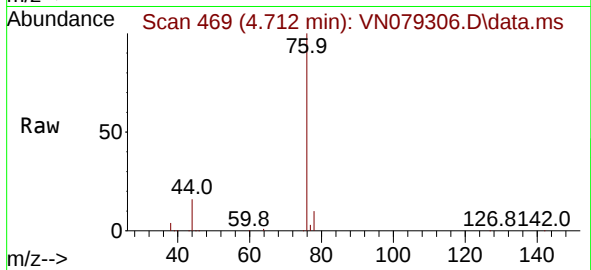
Tgt Ion: 43 Resp: 331588
Ion Ratio Lower Upper
43 100
58 31.1 28.0 42.0





#17
Carbon Disulfide
Concen: 41.947 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

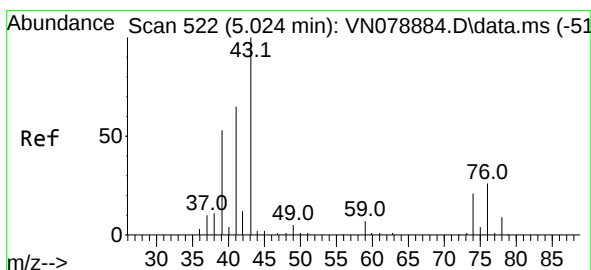
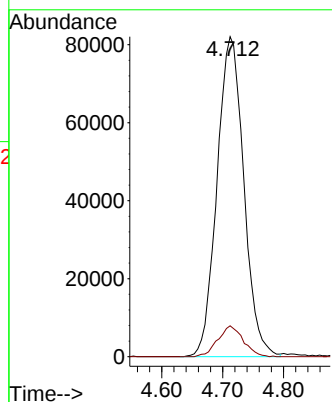
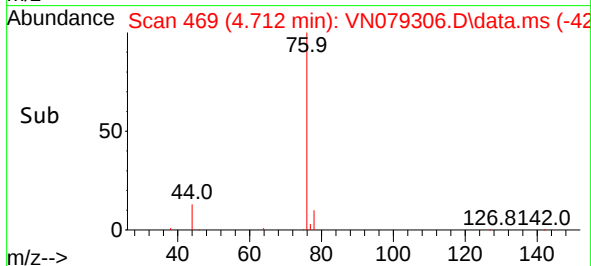
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



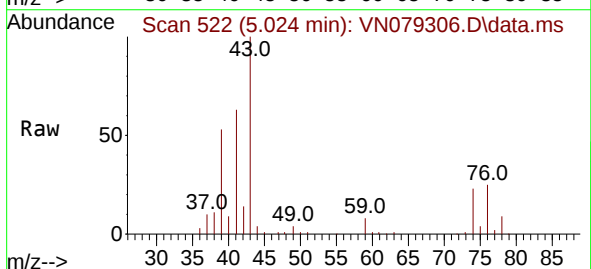
Tgt Ion: 76 Resp: 250593
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0

Manual Integrations
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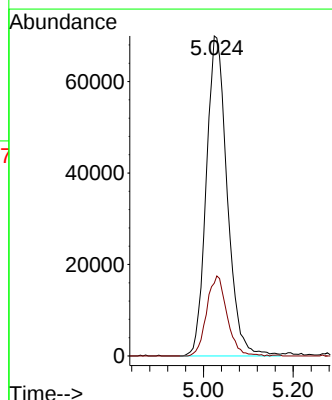
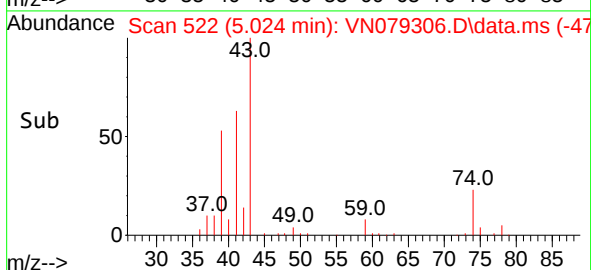
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

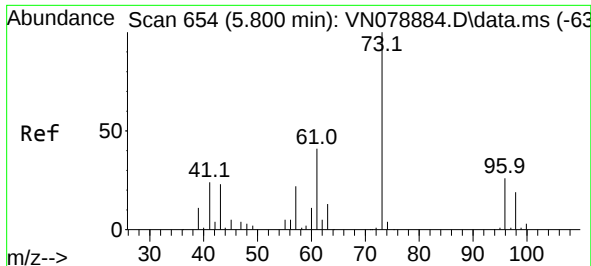


#18
Methyl Acetate
Concen: 53.635 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.018 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55



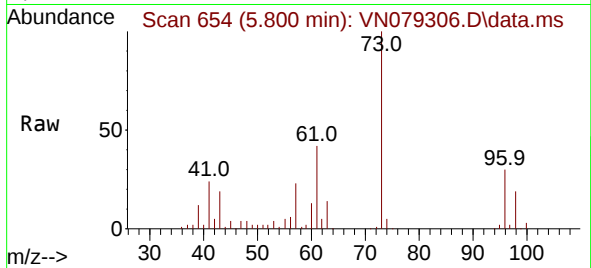
Tgt Ion: 43 Resp: 226491
Ion Ratio Lower Upper
43 100
74 24.3 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 52.582 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.018 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

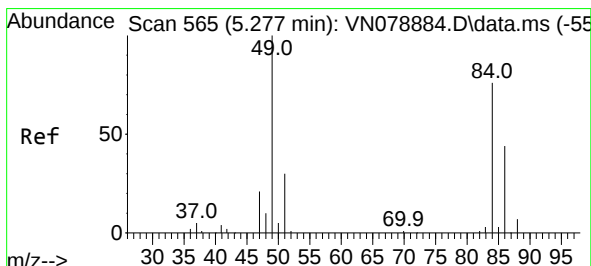
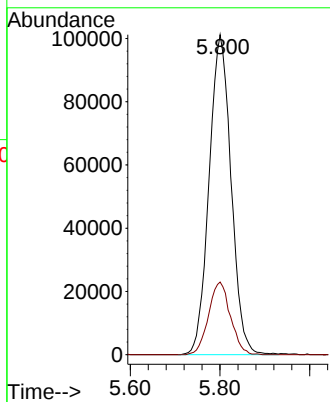
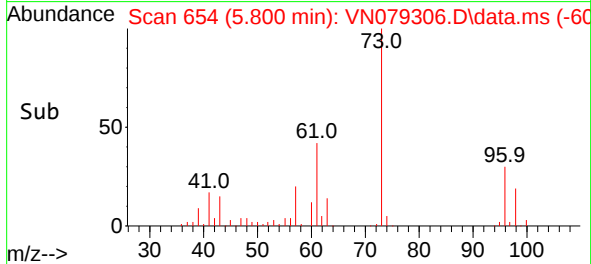
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 344700
Ion Ratio Lower Upper
73 100
57 22.7 15.6 23.4

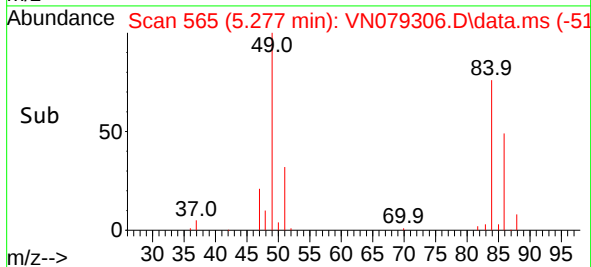
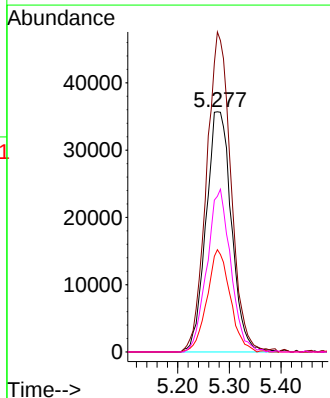
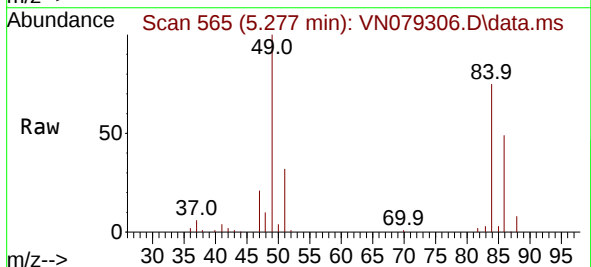
Manual Integrations
APPROVED

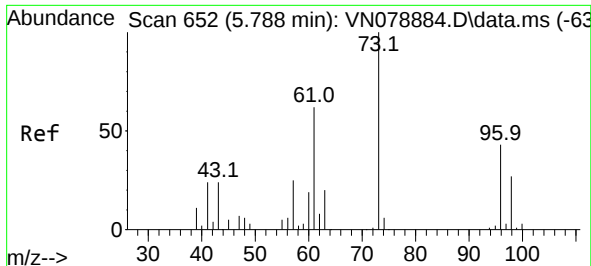
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#20
Methylene Chloride
Concen: 48.778 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

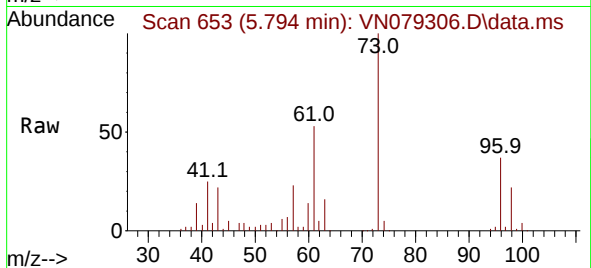
Tgt Ion: 84 Resp: 121963
Ion Ratio Lower Upper
84 100
49 133.2 79.7 119.5#
51 42.6 25.2 37.8#
86 64.8 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 48.252 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

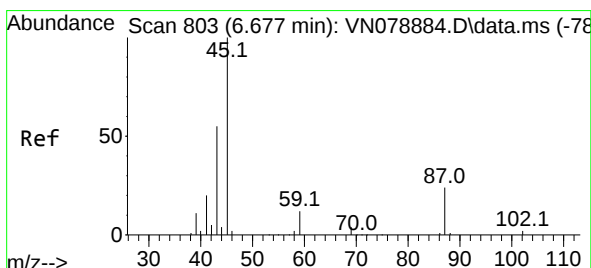
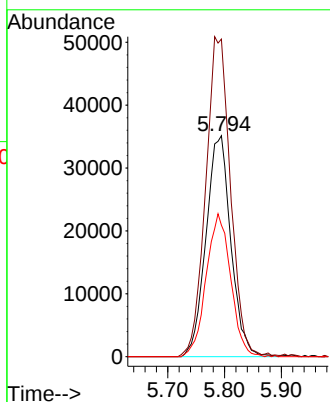
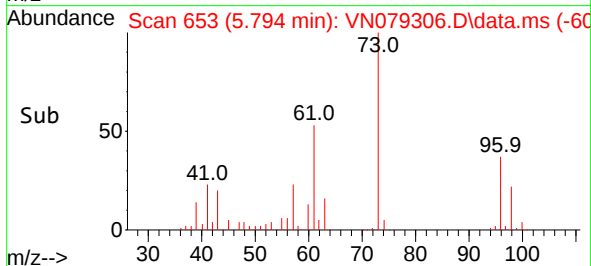
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 106990
Ion Ratio Lower Upper
96 100
61 143.8 90.1 135.1
98 59.6 46.4 69.6

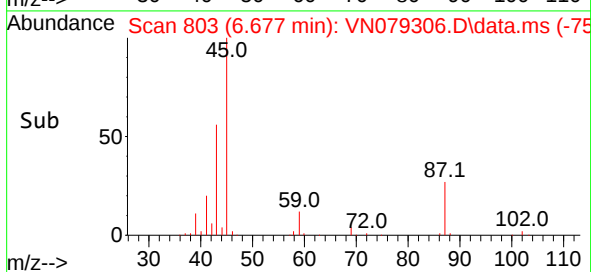
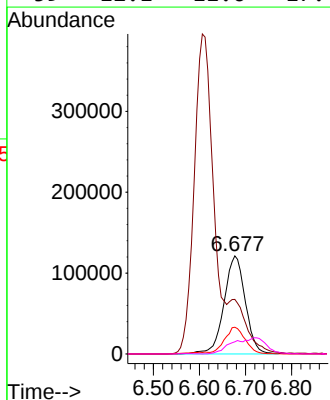
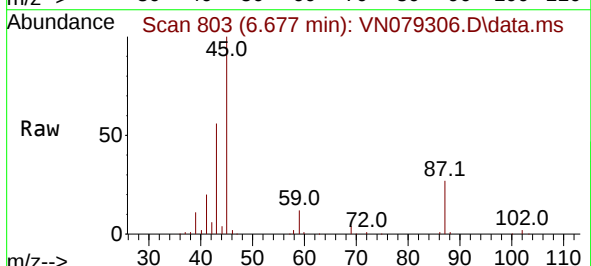
Manual Integrations
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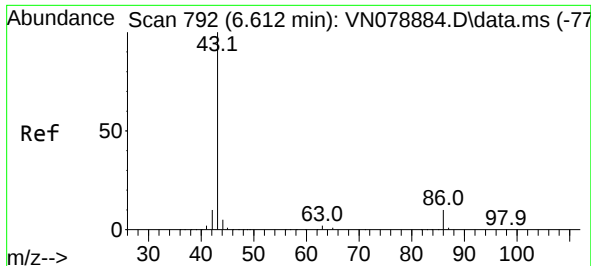
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#22
Diisopropyl ether
Concen: 58.027 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

Tgt Ion: 45 Resp: 388217
Ion Ratio Lower Upper
45 100
43 53.9 45.5 68.3
87 27.1 31.8 47.8
59 12.1 11.6 17.4





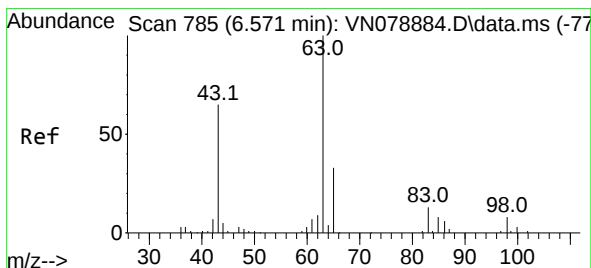
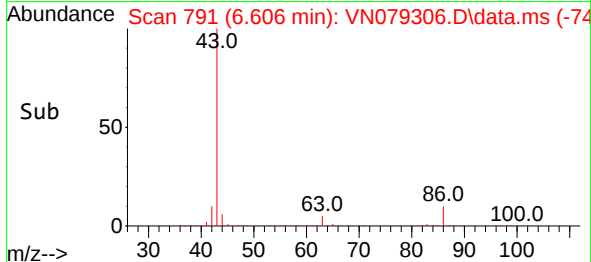
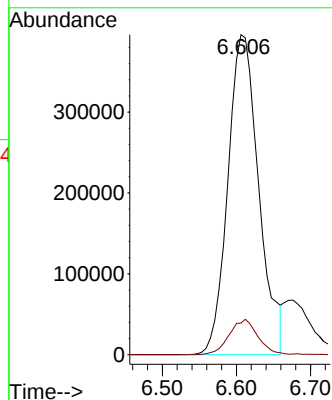
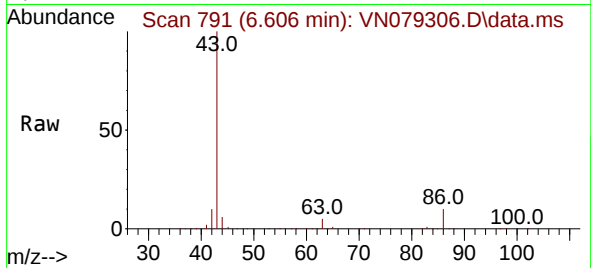
#23
 Vinyl Acetate
 Concen: 278.437 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079306.D
 Acq: 20 Sep 2023 09:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1145780
 Ion Ratio Lower Upper
 43 100
 86 9.9 13.0 19.6

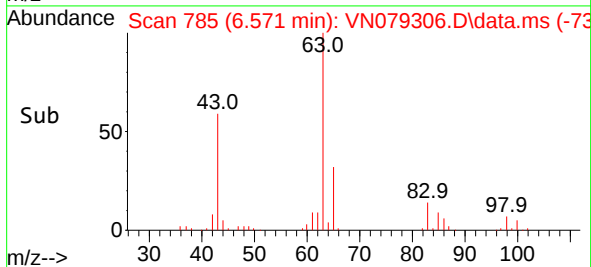
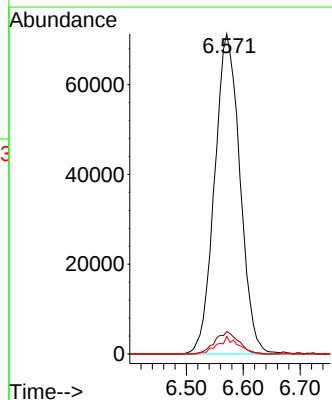
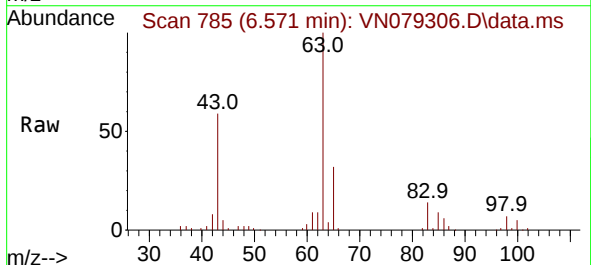
Manual Integrations
 APPROVED

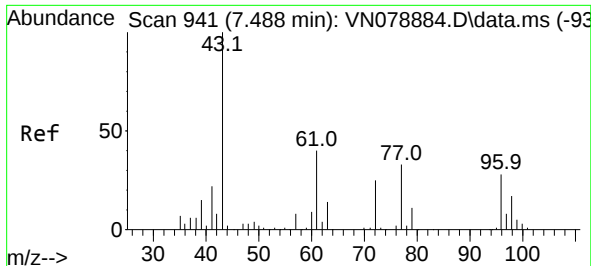
Reviewed By :John Carlone 09/21/2023
 Supervised By :Mahesh Dadoda 09/21/2023



#24
 1,1-Dichloroethane
 Concen: 53.575 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079306.D
 Acq: 20 Sep 2023 09:55

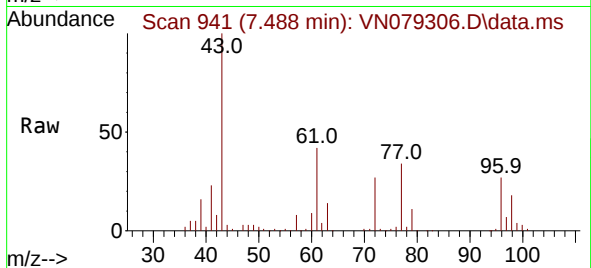
Tgt Ion: 63 Resp: 220955
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 5.5 2.5 7.4





#25
2-Butanone
Concen: 295.081 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

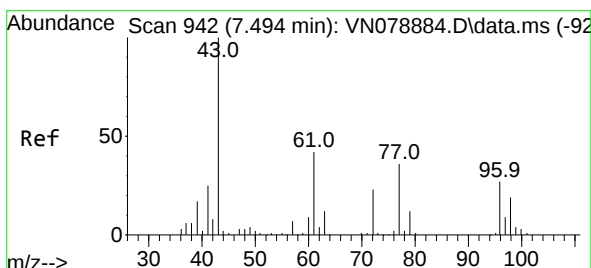
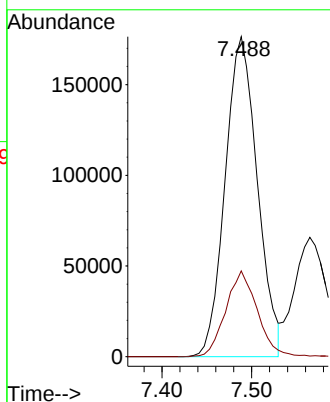
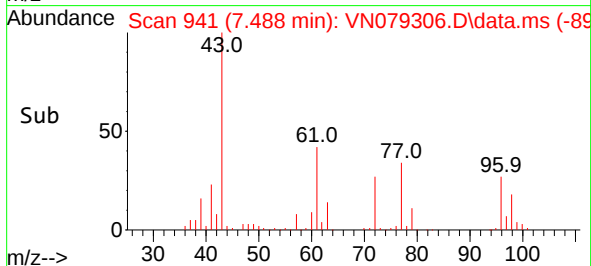
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 439900
Ion Ratio Lower Upper
43 100
72 26.8 30.2 45.2

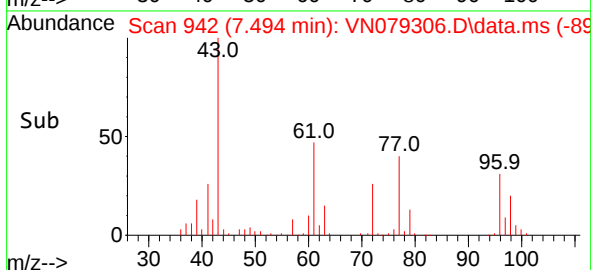
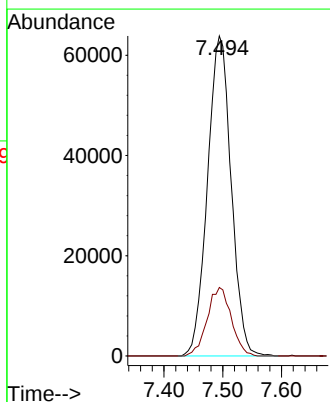
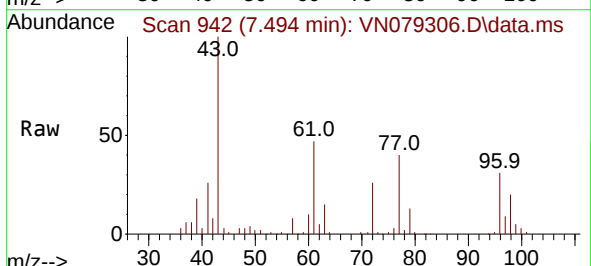
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#26
2,2-Dichloropropane
Concen: 52.795 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

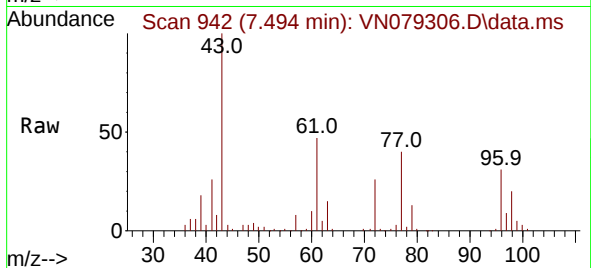
Tgt Ion: 77 Resp: 178680
Ion Ratio Lower Upper
77 100
97 21.7 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 51.369 ug/l
RT: 7.494 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

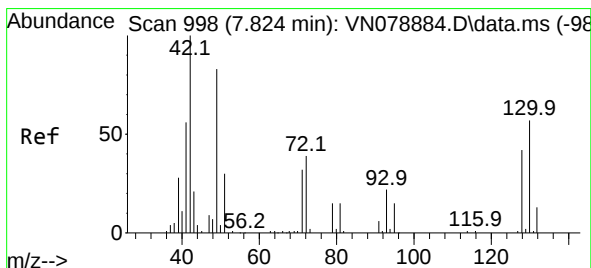
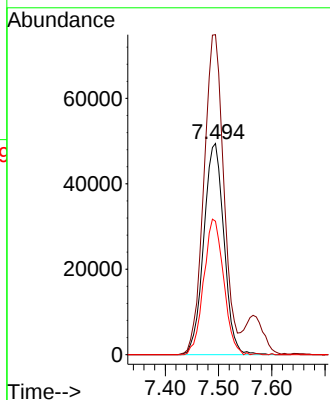
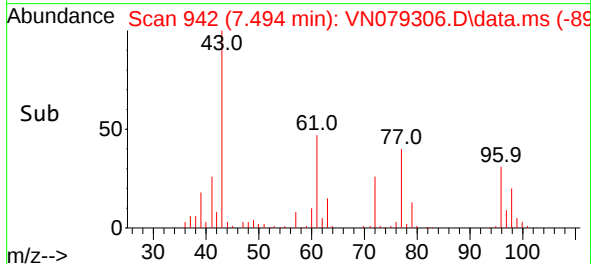
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 13024
Ion Ratio Lower Upper
96 100
61 150.3 0.0 255.2
98 63.4 0.0 128.8

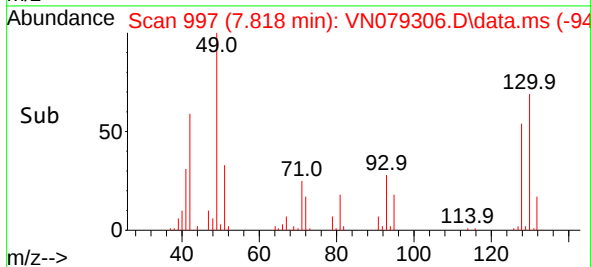
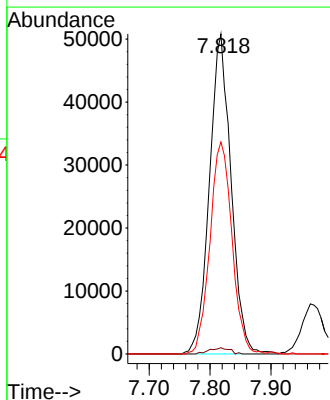
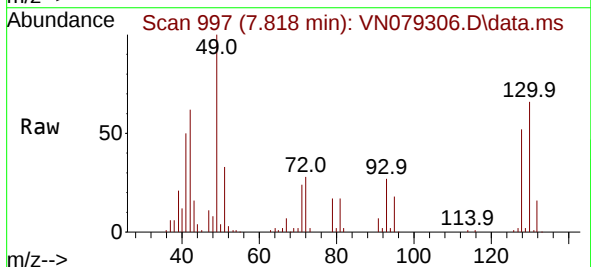
Manual Integrations
APPROVED

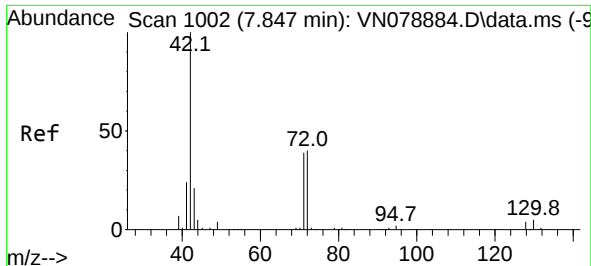
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#28
Bromochloromethane
Concen: 67.027 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

Tgt Ion: 49 Resp: 124985
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.8
130 67.6 75.3 112.9#





#29

Tetrahydrofuran

Concen: 283.336 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN079306.D

Acq: 20 Sep 2023 09:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 26880

Ion Ratio Lower Upper

42 100

72 43.7 49.8 74.6

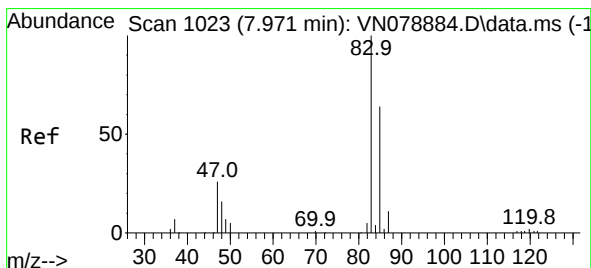
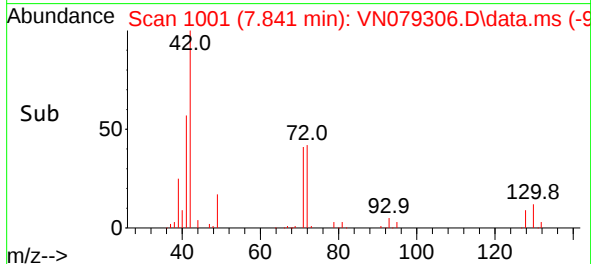
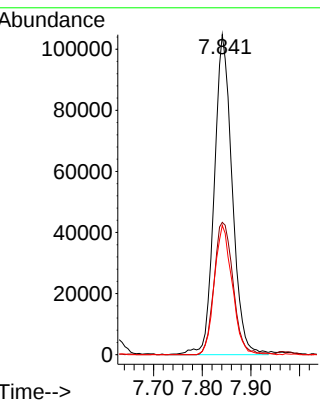
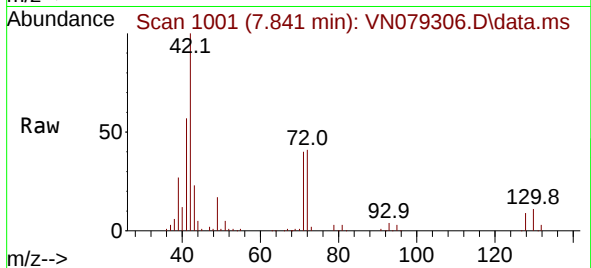
71 40.4 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#30

Chloroform

Concen: 54.103 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079306.D

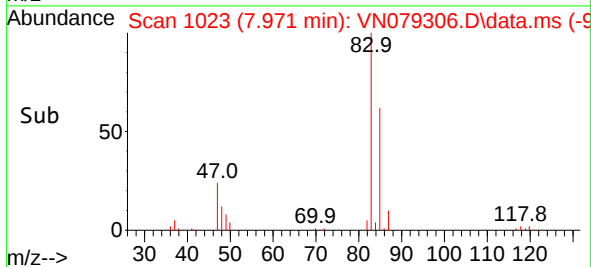
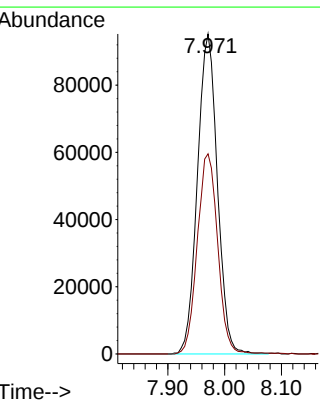
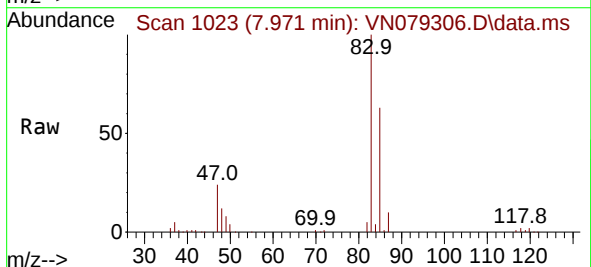
Acq: 20 Sep 2023 09:55

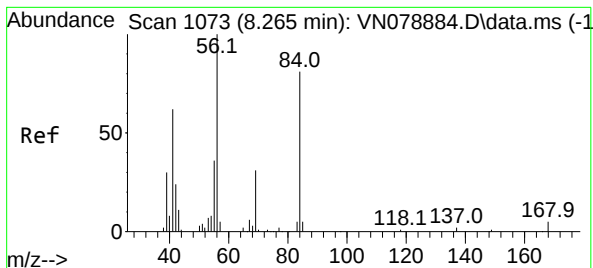
Tgt Ion: 83 Resp: 232318

Ion Ratio Lower Upper

83 100

85 62.6 55.4 83.0





#31

Cyclohexane

Concen: 48.996 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. -0.000 min

Lab File: VN079306.D

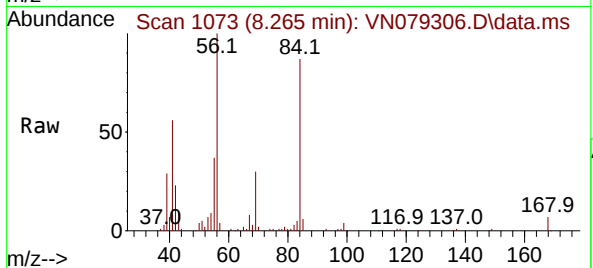
Acq: 20 Sep 2023 09:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 56 Resp: 17307

Ion Ratio Lower Upper

56 100

69 30.0 26.8 40.2

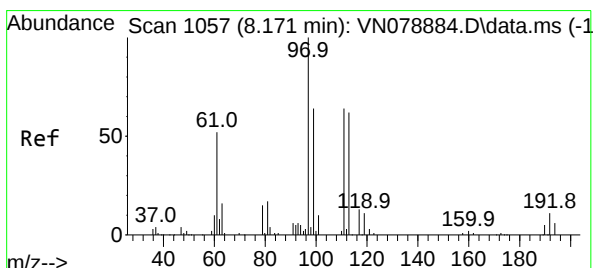
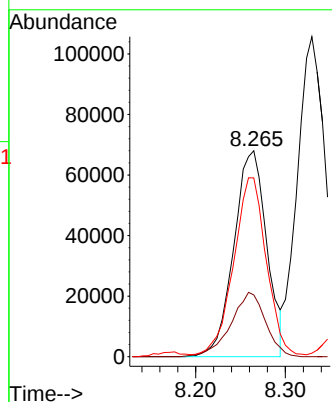
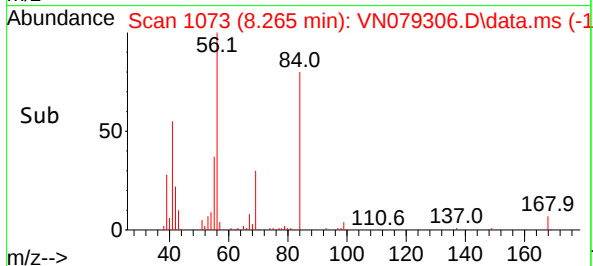
84 85.5 81.8 122.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#32

1,1,1-Trichloroethane

Concen: 53.531 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VN079306.D

Acq: 20 Sep 2023 09:55

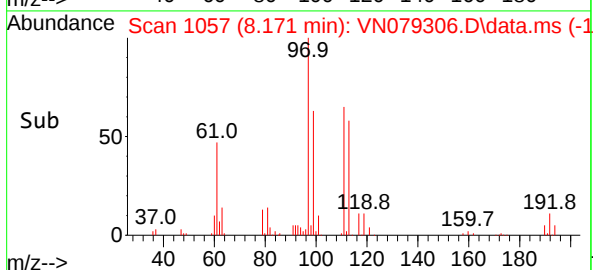
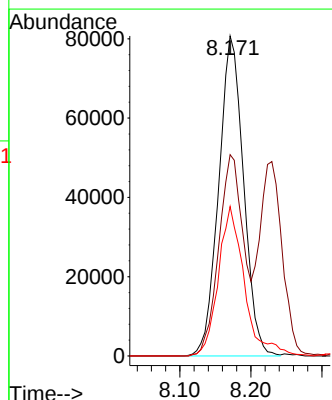
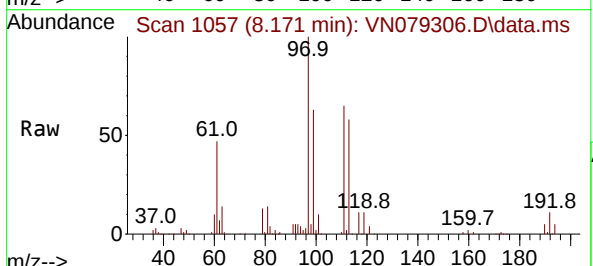
Tgt Ion: 97 Resp: 195941

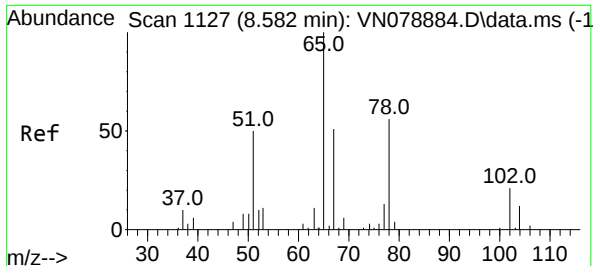
Ion Ratio Lower Upper

97 100

99 62.6 50.3 75.5

61 49.1 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 60.972 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079306.D

Acq: 20 Sep 2023 09:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 14750

Ion Ratio Lower Upper

65 100

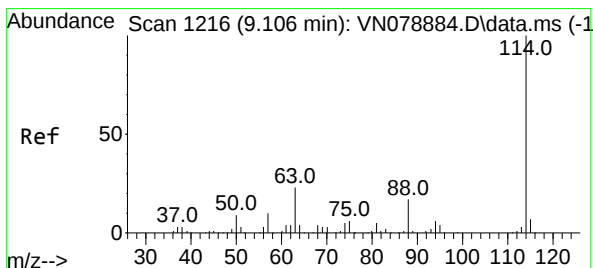
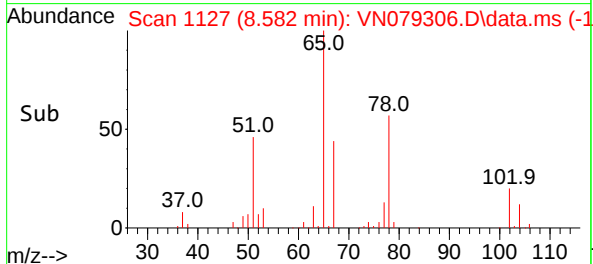
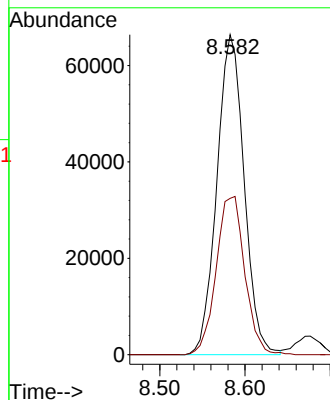
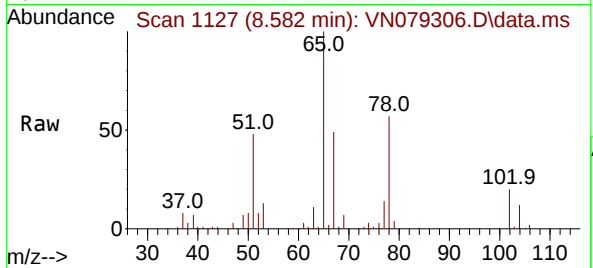
67 51.9 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079306.D

Acq: 20 Sep 2023 09:55

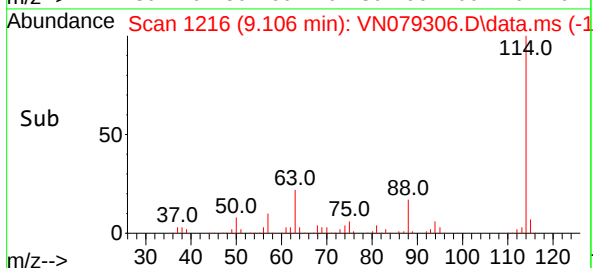
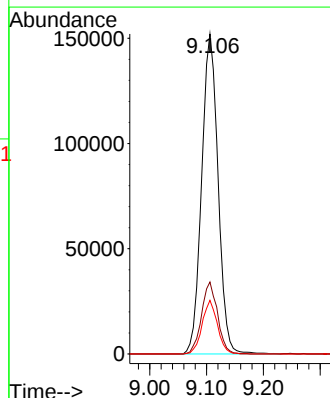
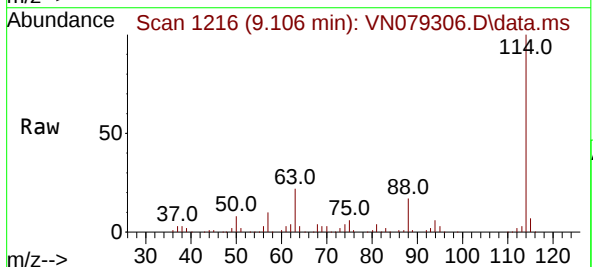
Tgt Ion:114 Resp: 304991

Ion Ratio Lower Upper

114 100

63 22.5 0.0 36.4

88 16.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 57.758 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079306.D

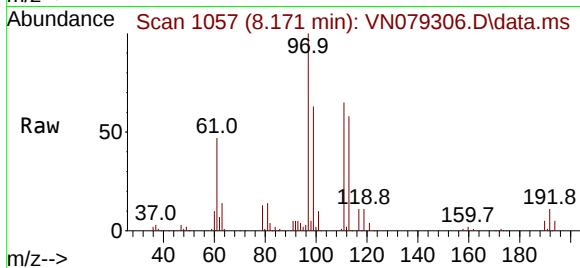
Acq: 20 Sep 2023 09:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



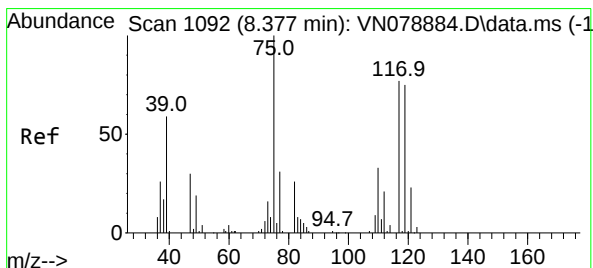
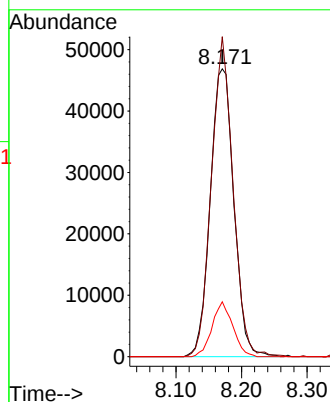
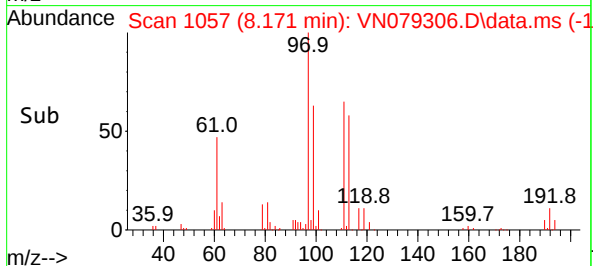
Tgt Ion:	113	Resp:	11717
Ion Ratio	Lower	Upper	
113	100		
111	101.7	82.6	123.8
192	16.8	12.7	19.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#36

1,1-Dichloropropene

Concen: 52.348 ug/l

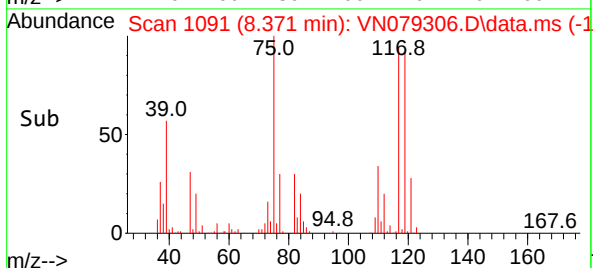
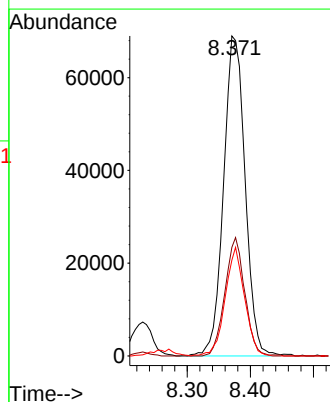
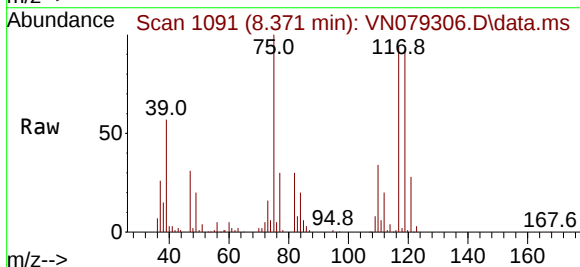
RT: 8.371 min Scan# 1091

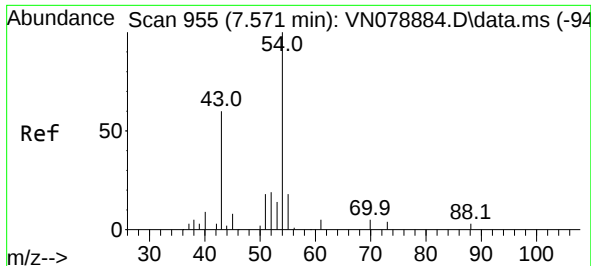
Delta R.T. -0.006 min

Lab File: VN079306.D

Acq: 20 Sep 2023 09:55

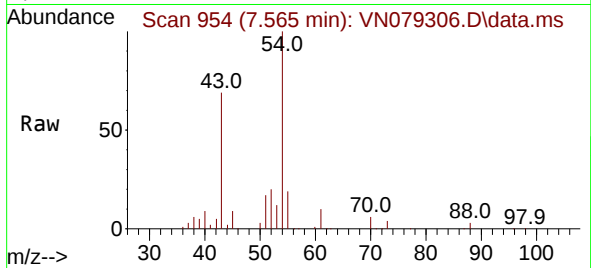
Tgt Ion:	75	Resp:	163695
Ion Ratio	Lower	Upper	
75	100		
110	34.0	19.1	57.3
77	30.6	25.0	37.4





#37
Ethyl Acetate
Concen: 54.365 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

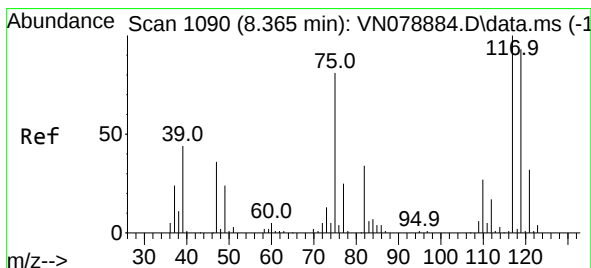
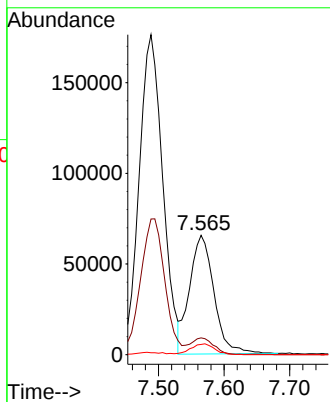
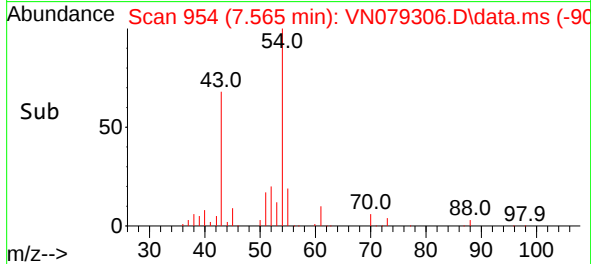
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



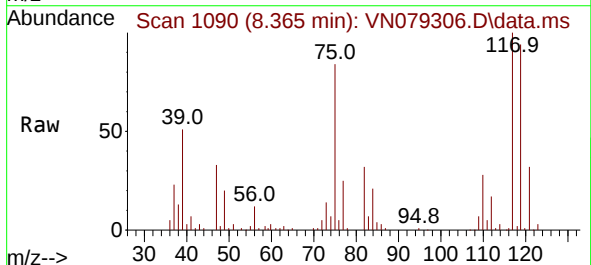
Tgt Ion: 43 Resp: 169560
Ion Ratio Lower Upper
43 100
61 12.6 13.2 19.8
70 9.0 11.3 16.9

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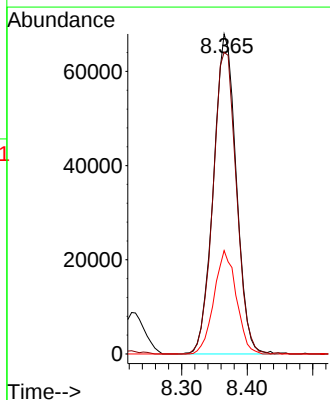
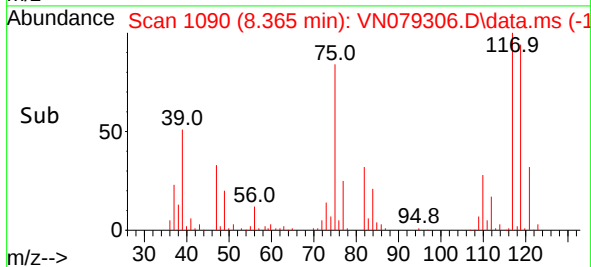
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

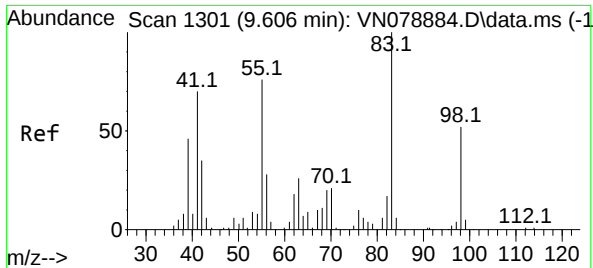


#38
Carbon Tetrachloride
Concen: 50.553 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55



Tgt Ion:117 Resp: 163590
Ion Ratio Lower Upper
117 100
119 94.2 77.3 115.9
121 32.3 23.3 34.9





#39

Methylcyclohexane

Concen: 50.597 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079306.D

Acq: 20 Sep 2023 09:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 156069

Ion Ratio Lower Upper

83 100

55 84.6 49.1 73.7

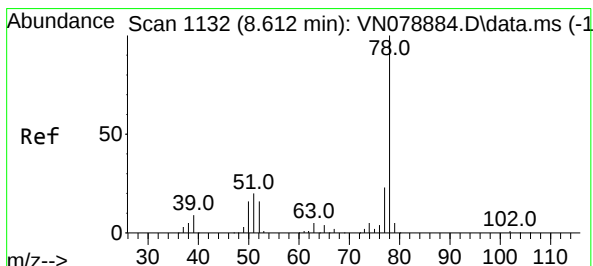
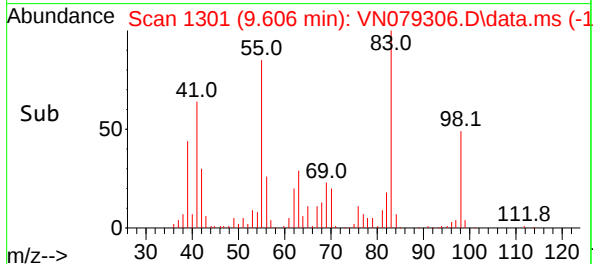
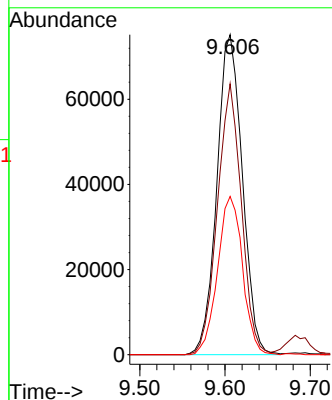
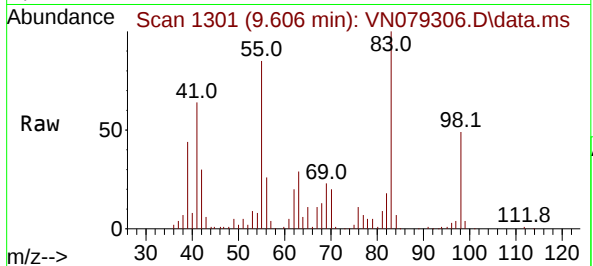
98 49.4 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#40

Benzene

Concen: 51.910 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079306.D

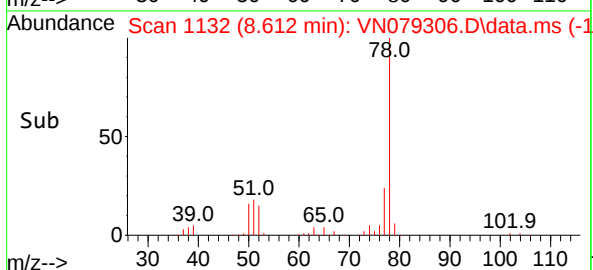
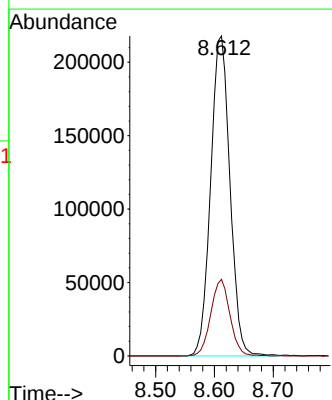
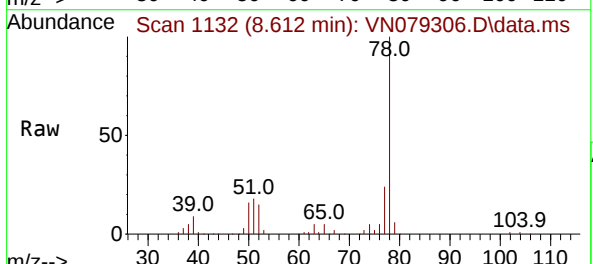
Acq: 20 Sep 2023 09:55

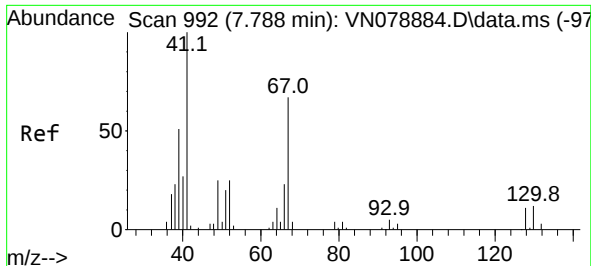
Tgt Ion: 78 Resp: 496916

Ion Ratio Lower Upper

78 100

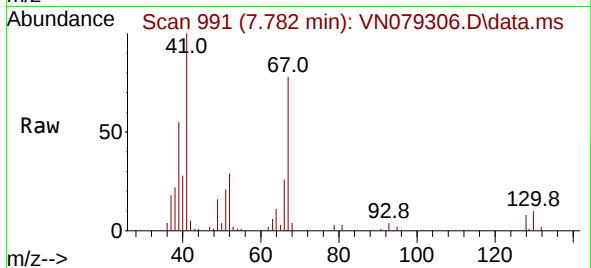
77 23.9 19.0 28.6





#41
Methacrylonitrile
Concen: 54.538 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.012 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

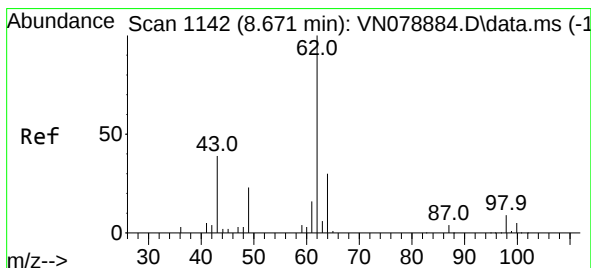
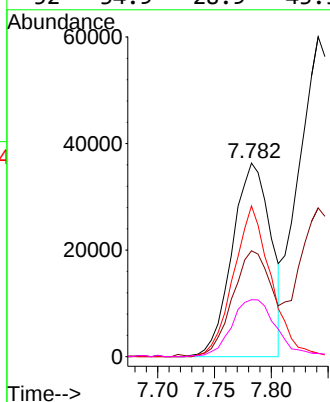
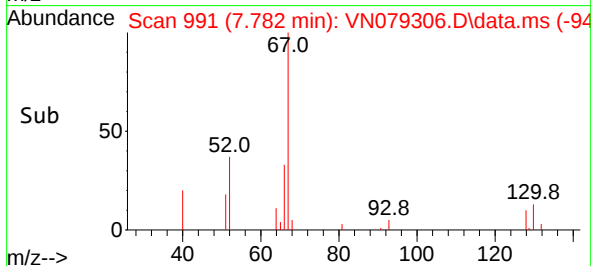
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



Tgt Ion:	41	Resp:	8576
Ion Ratio	100	Lower	Upper
39	55.0	42.6	64.0
67	76.3	77.5	116.3
52	34.9	28.9	43.3

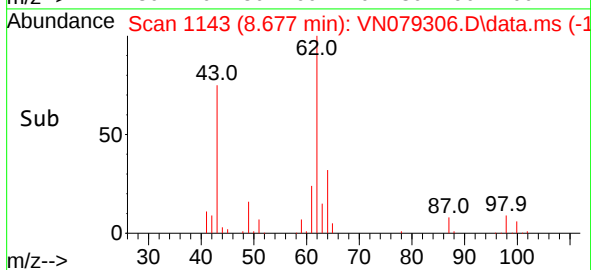
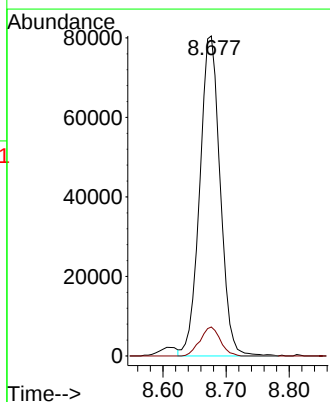
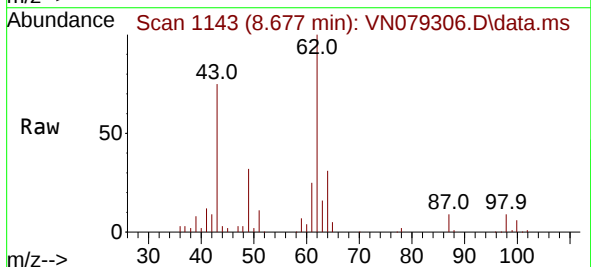
Manual Integrations
APPROVED

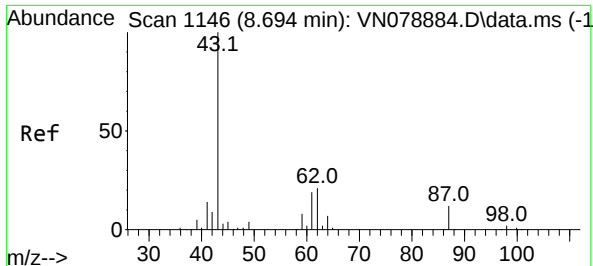
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#42
1,2-Dichloroethane
Concen: 54.780 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

Tgt Ion:	62	Resp:	180527
Ion Ratio	100	Lower	Upper
98	9.0	0.0	19.8





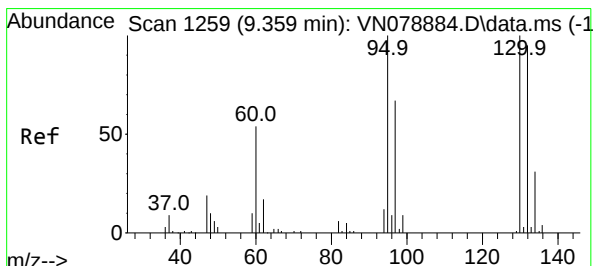
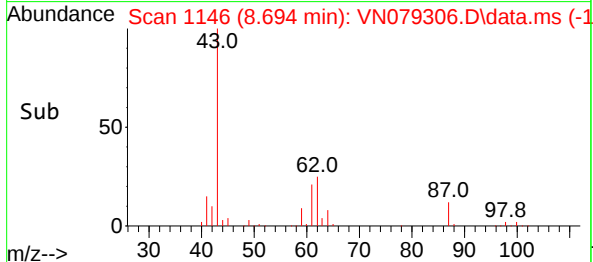
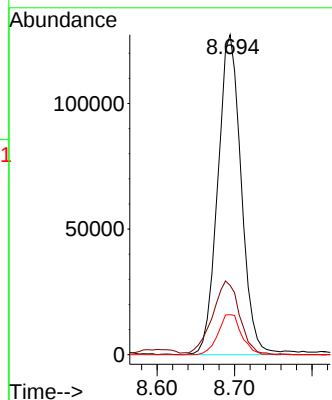
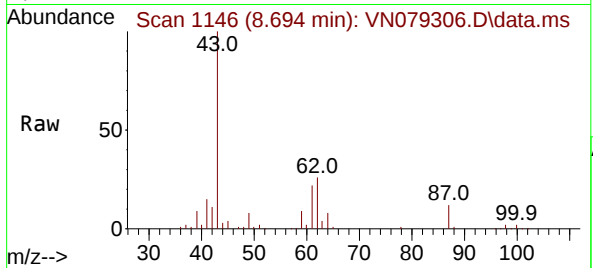
#43
Isopropyl Acetate
Concen: 52.562 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 26750
Ion Ratio Lower Upper
43 100
61 26.5 24.7 37.1
87 12.6 14.6 21.8

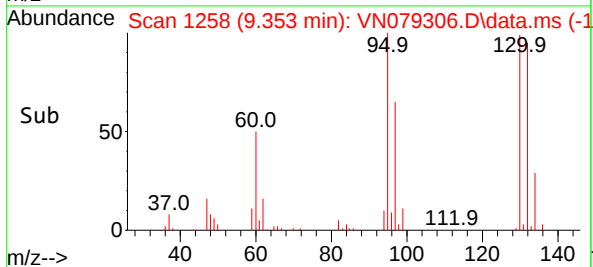
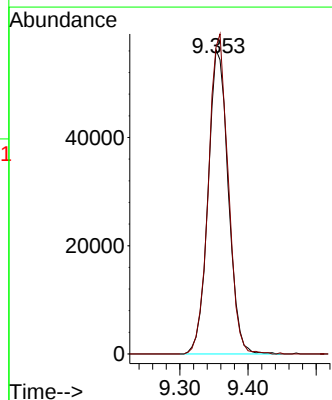
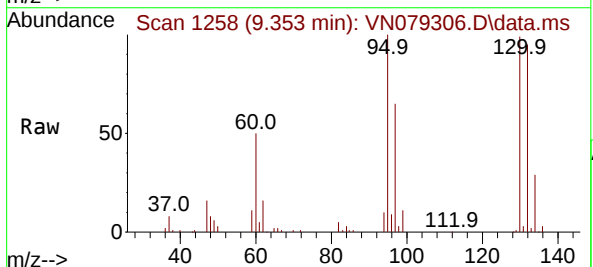
Manual Integrations
APPROVED

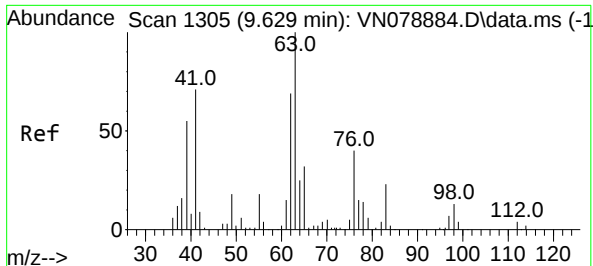
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#44
Trichloroethene
Concen: 49.078 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

Tgt Ion:130 Resp: 115734
Ion Ratio Lower Upper
130 100
95 100.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 56.504 ug/l

RT: 9.623 min Scan# 1305

Delta R.T. -0.001 min

Lab File: VN079306.D

Acq: 20 Sep 2023 09:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 13423

Ion Ratio Lower Upper

63 100

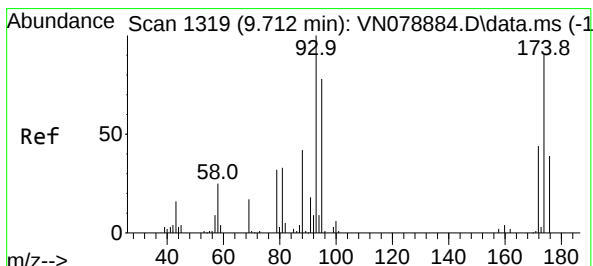
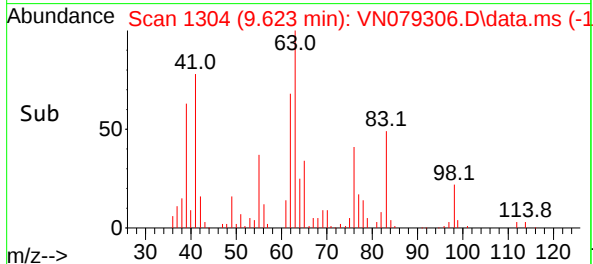
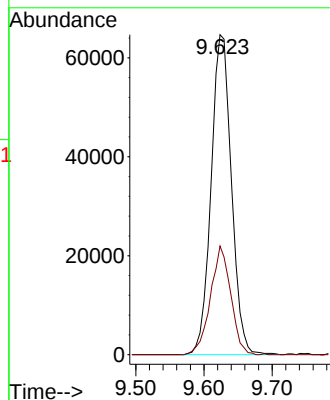
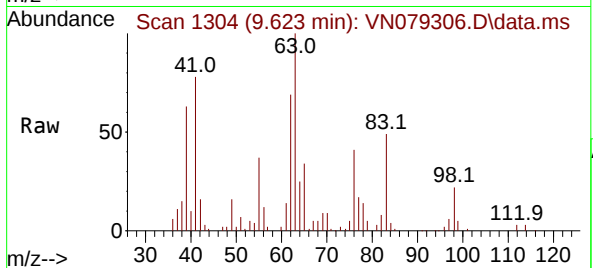
65 33.9 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#46

Dibromomethane

Concen: 54.234 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079306.D

Acq: 20 Sep 2023 09:55

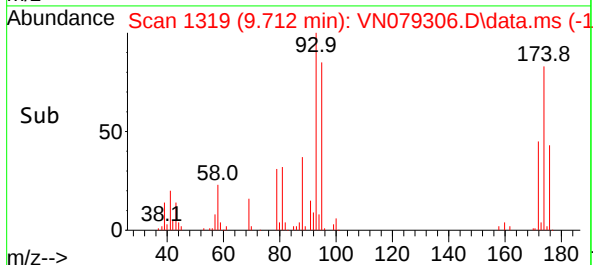
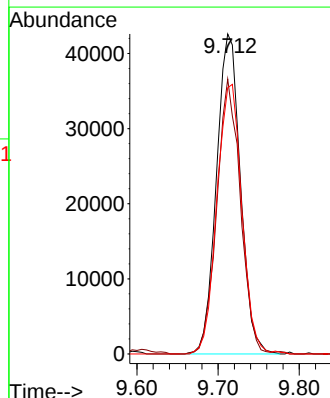
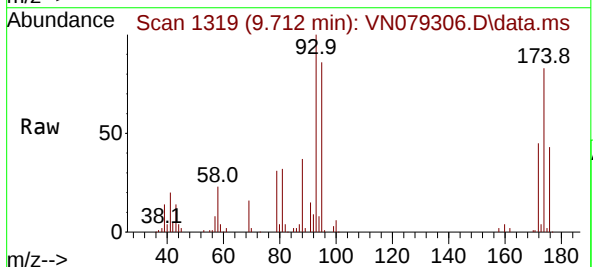
Tgt Ion: 93 Resp: 87466

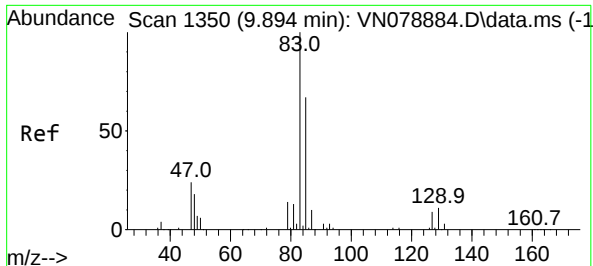
Ion Ratio Lower Upper

93 100

95 84.3 63.8 95.8

174 88.0 65.6 98.4





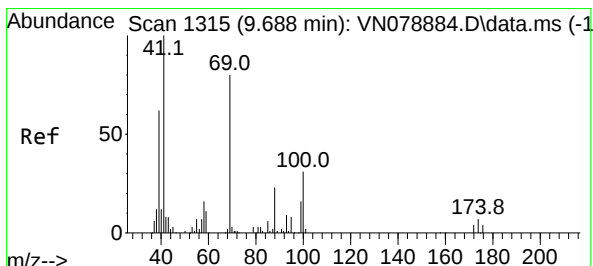
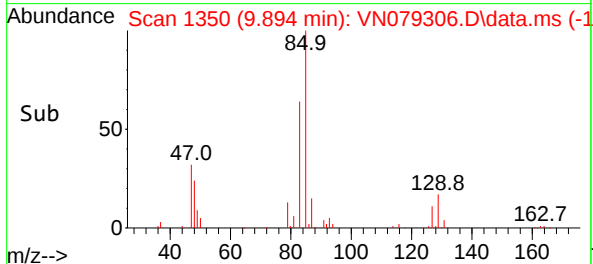
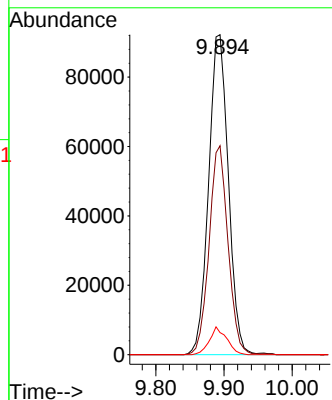
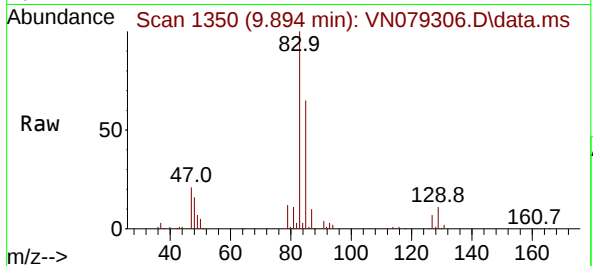
#47
Bromodichloromethane
Concen: 56.196 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 185632
Ion Ratio Lower Upper
83 100
85 65.3 49.6 74.4
127 6.9 7.0 10.6

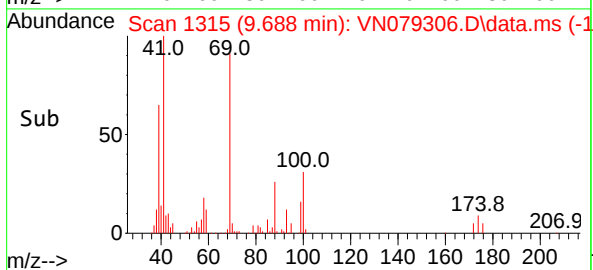
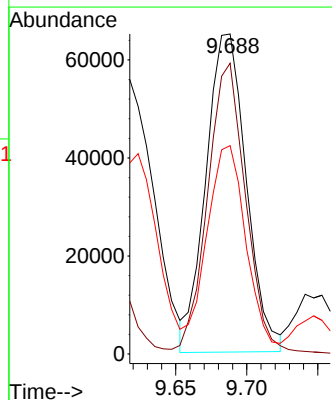
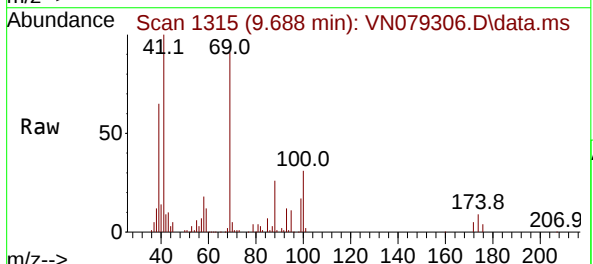
Manual Integrations
APPROVED

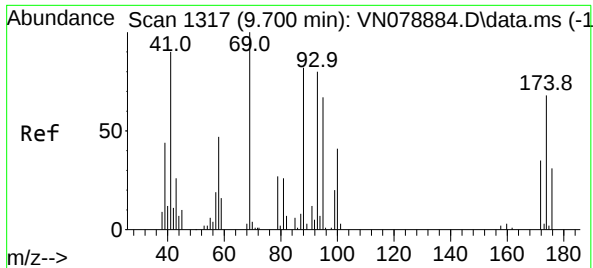
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#48
Methyl methacrylate
Concen: 56.333 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

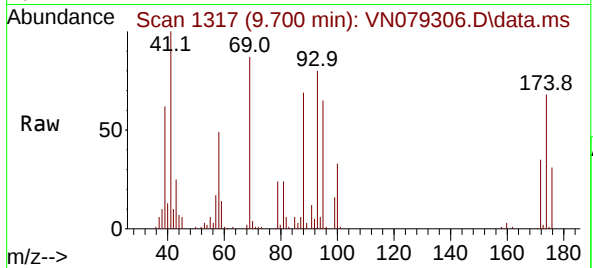
Tgt Ion: 41 Resp: 128414
Ion Ratio Lower Upper
41 100
69 86.1 90.4 135.6#
39 64.4 54.6 81.8





#49
1,4-Dioxane
Concen: 1059.557 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

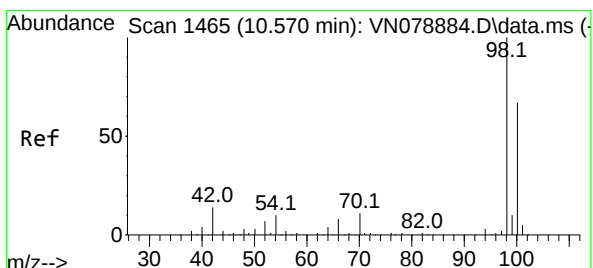
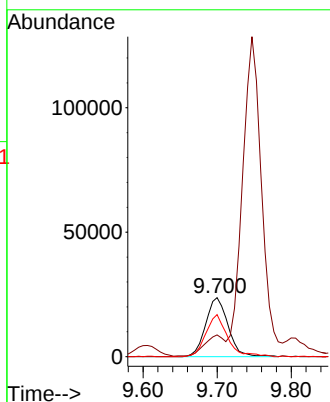
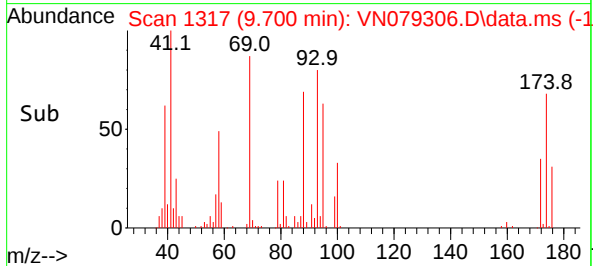
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



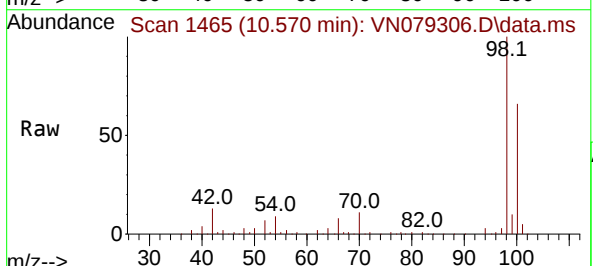
Tgt Ion: 88 Resp: 49679
Ion Ratio Lower Upper
88 100
43 32.0 17.0 25.6
58 69.4 47.0 70.4

Manual Integrations
APPROVED

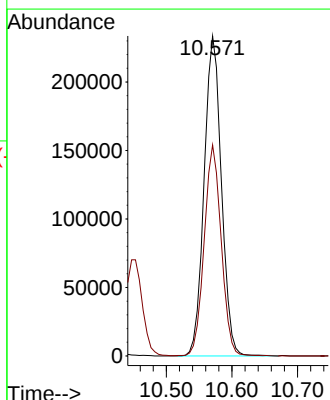
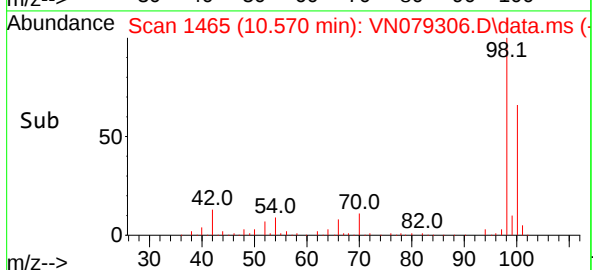
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

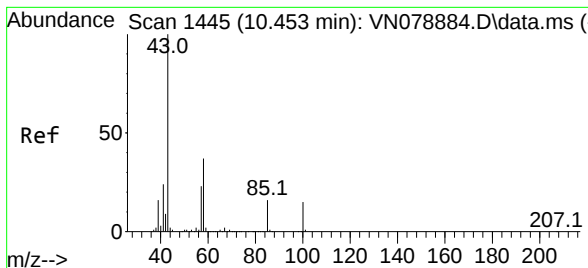


#50
Toluene-d8
Concen: 57.539 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.001 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55



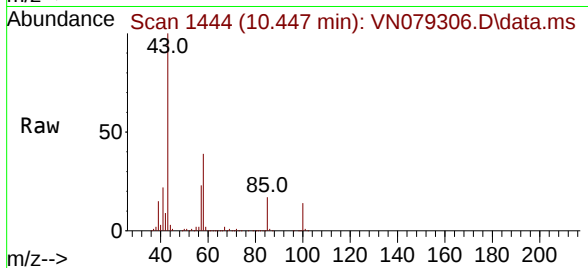
Tgt Ion: 98 Resp: 428621
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 294.528 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

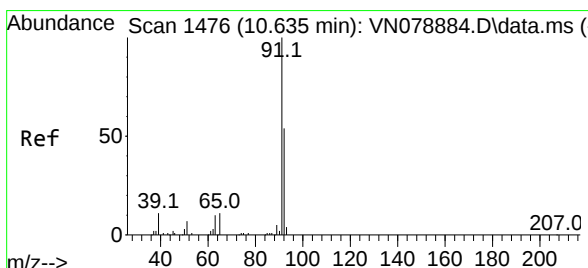
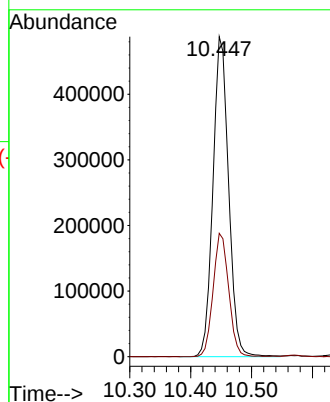
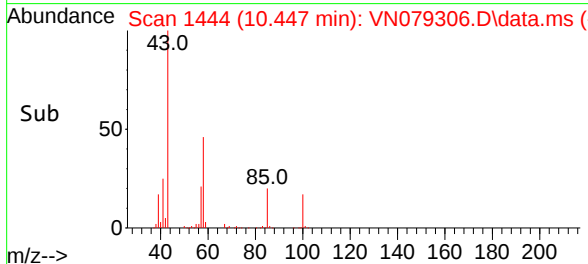
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 87011
Ion Ratio Lower Upper
43 100
58 38.5 36.6 54.8

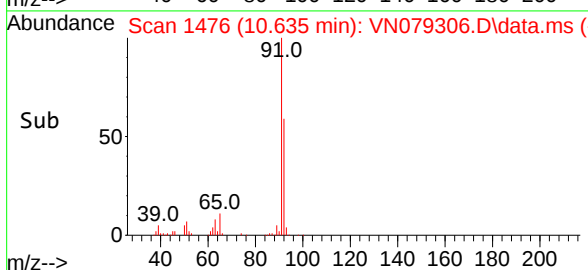
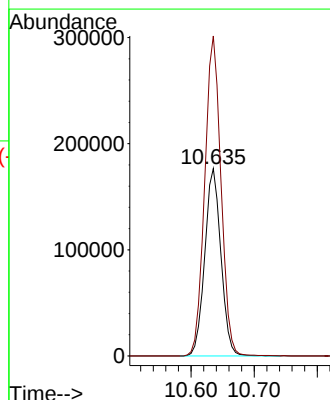
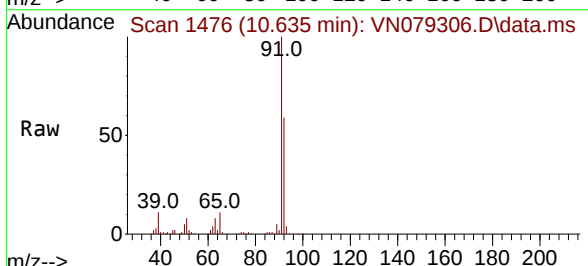
Manual Integrations
APPROVED

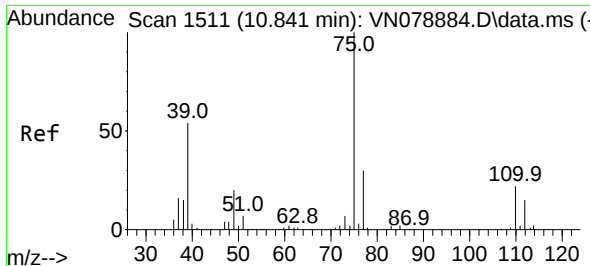
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#52
Toluene
Concen: 53.258 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

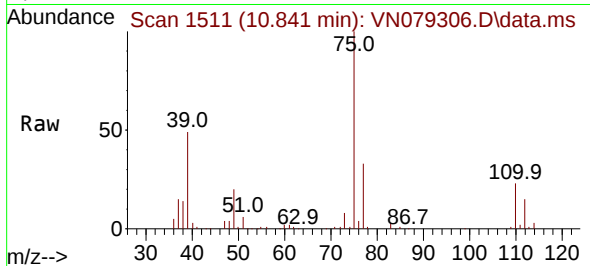
Tgt Ion: 92 Resp: 313315
Ion Ratio Lower Upper
92 100
91 172.3 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 53.826 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

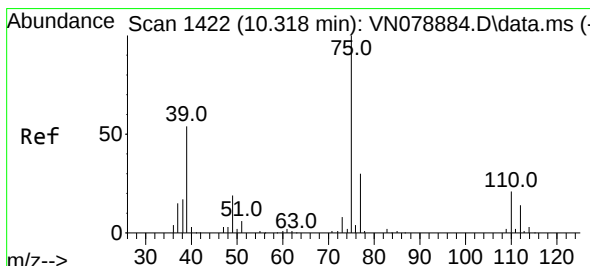
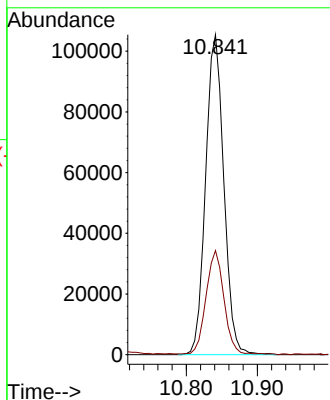
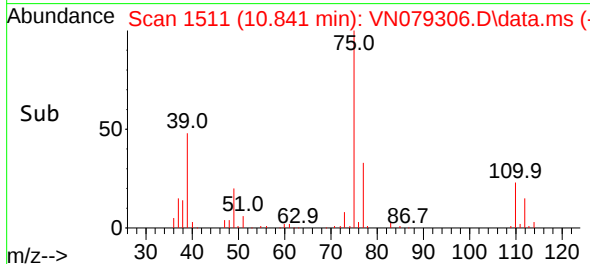
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



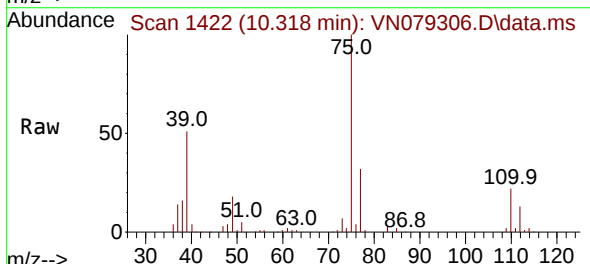
Tgt Ion: 75 Resp: 18748
Ion Ratio Lower Upper
75 100
77 32.5 25.4 38.0

Manual Integrations
APPROVED

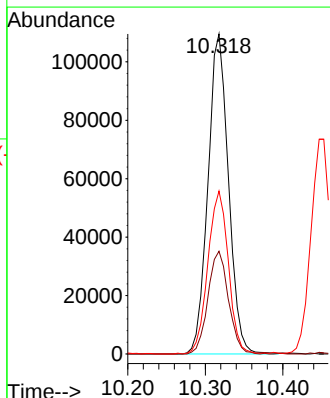
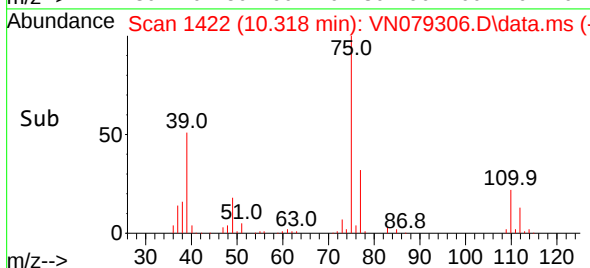
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

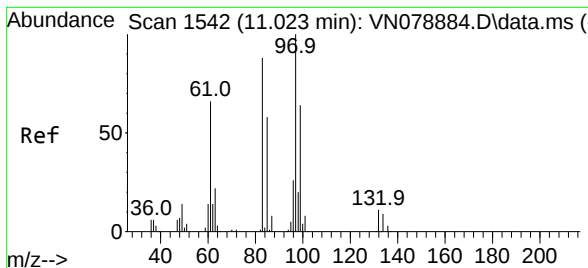


#54
cis-1,3-Dichloropropene
Concen: 54.015 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55



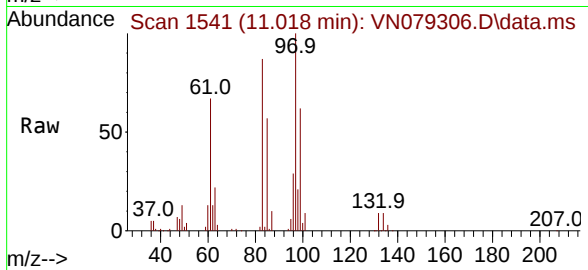
Tgt Ion: 75 Resp: 201229
Ion Ratio Lower Upper
75 100
77 32.1 26.1 39.1
39 50.7 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 53.435 ug/l
RT: 11.018 min Scan# 1542
Delta R.T. -0.006 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

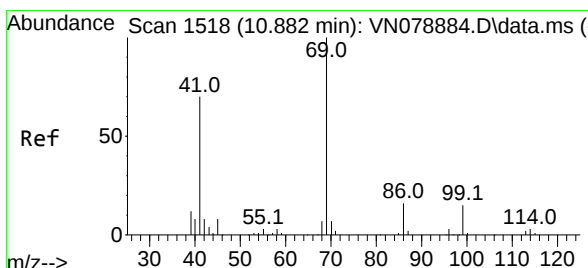
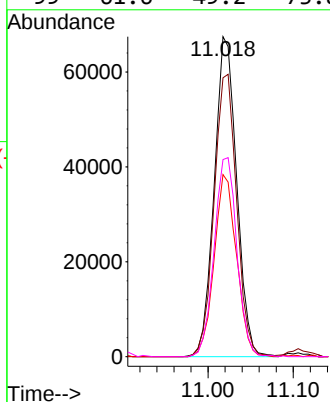
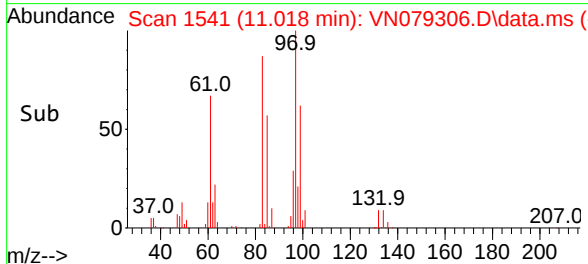
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



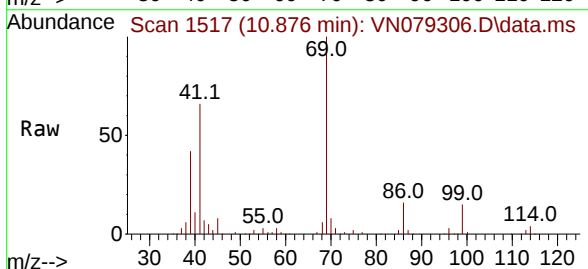
Tgt Ion	Ratio	Lower	Upper
97	100		
83	87.2	65.1	97.7
85	56.9	43.4	65.2
99	61.6	49.2	73.8

Manual Integrations
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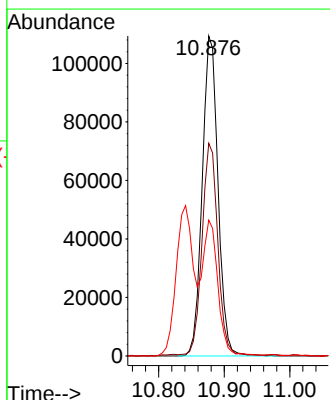
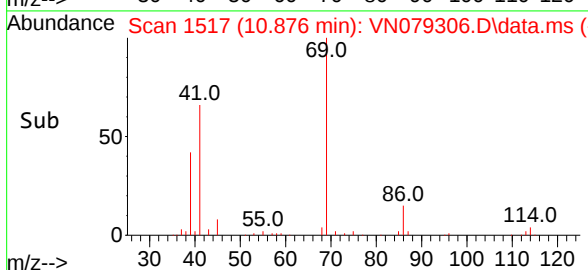
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

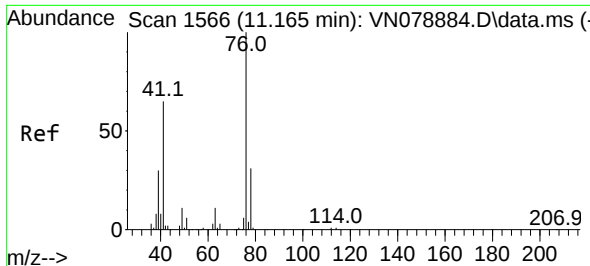


#56
Ethyl methacrylate
Concen: 56.184 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55



Tgt Ion	Ratio	Lower	Upper
69	100		
41	67.7	39.6	59.4
39	41.2	28.6	43.0





#57

1,3-Dichloropropane

Concen: 54.608 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN079306.D

Acq: 20 Sep 2023 09:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 21791

Ion Ratio Lower Upper

76 100

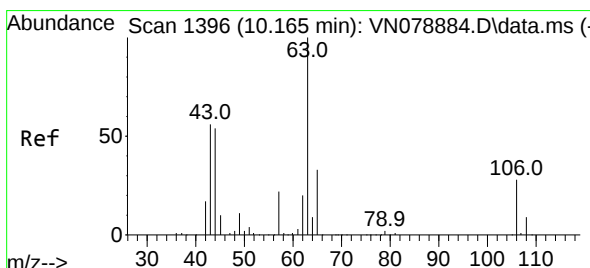
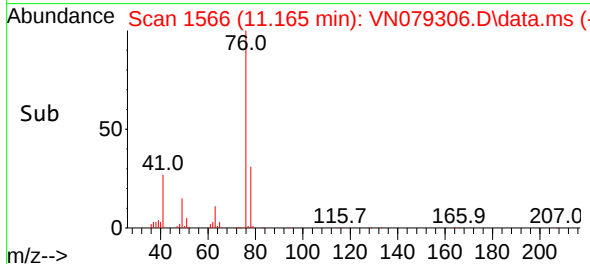
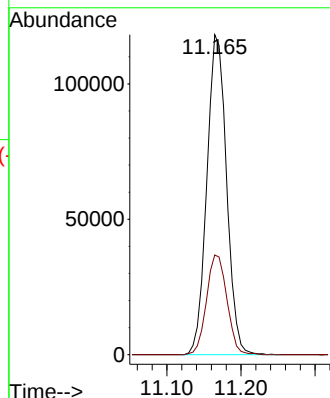
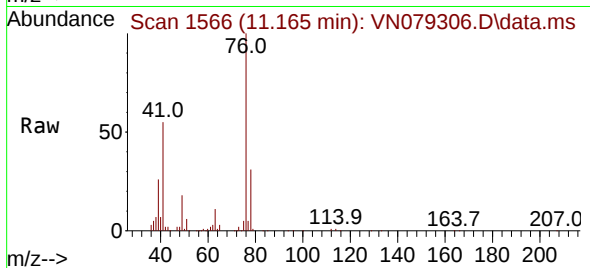
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#58

2-Chloroethyl Vinyl ether

Concen: 251.716 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079306.D

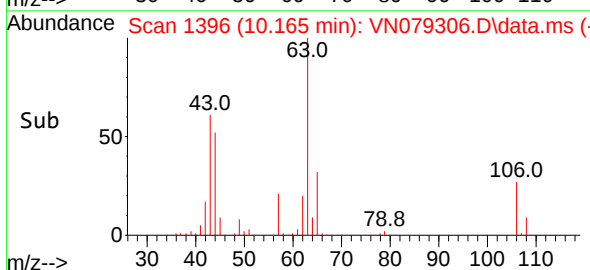
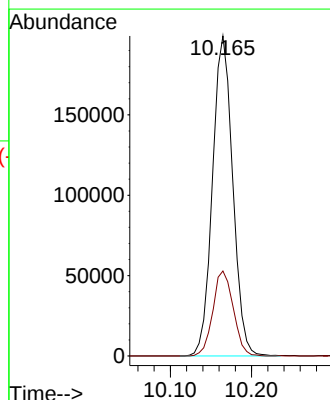
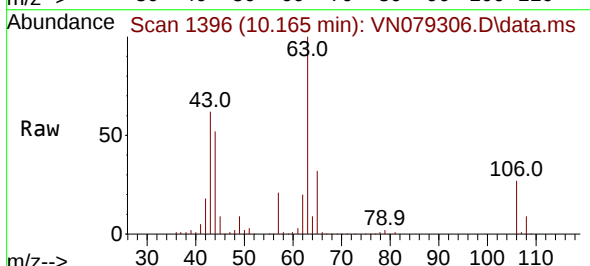
Acq: 20 Sep 2023 09:55

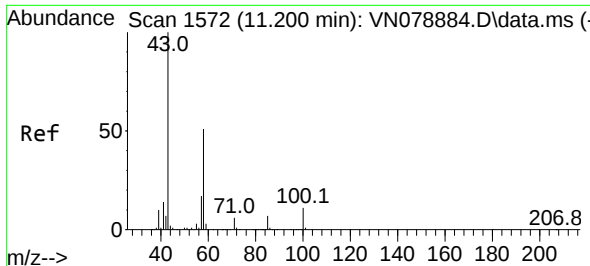
Tgt Ion: 63 Resp: 345164

Ion Ratio Lower Upper

63 100

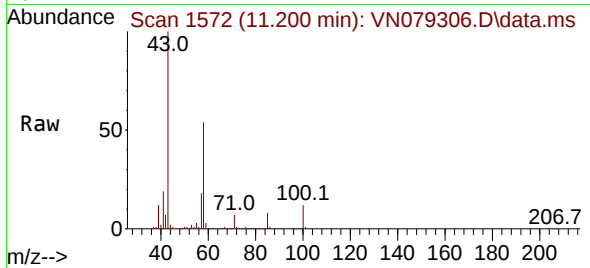
106 26.7 26.2 39.4





#59
2-Hexanone
Concen: 300.192 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

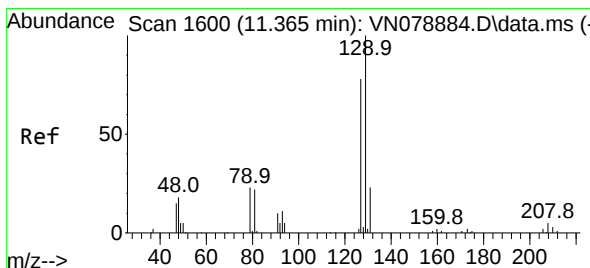
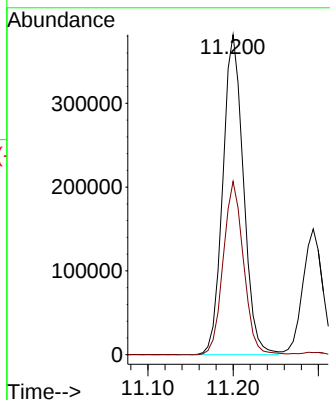
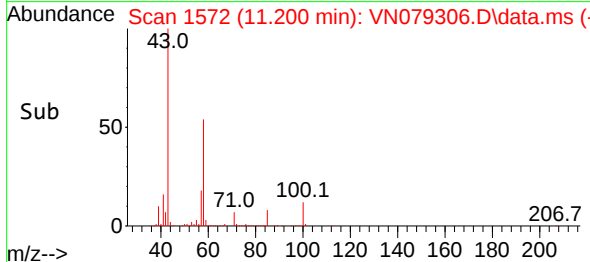
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 64233
Ion Ratio Lower Upper
43 100
58 53.3 31.7 95.1

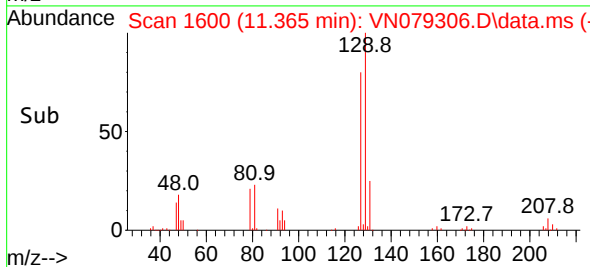
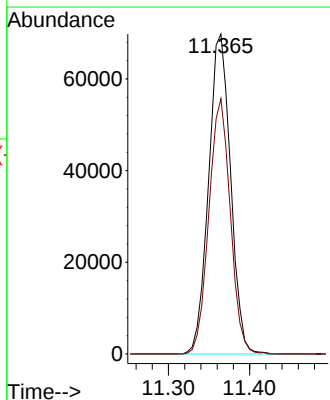
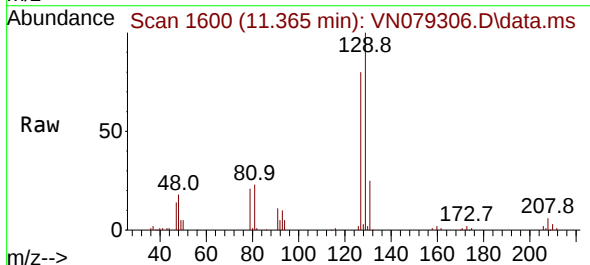
Manual Integrations
APPROVED

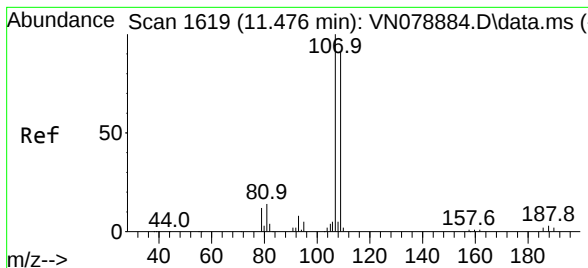
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#60
Dibromochloromethane
Concen: 53.479 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

Tgt Ion:129 Resp: 131384
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





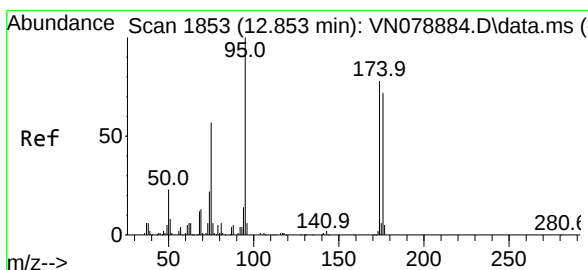
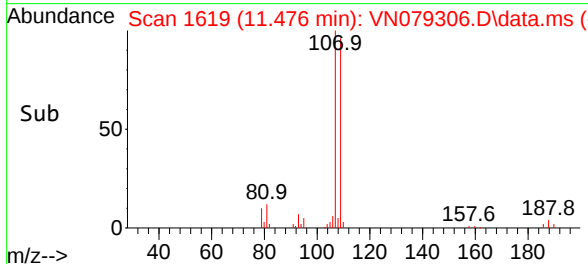
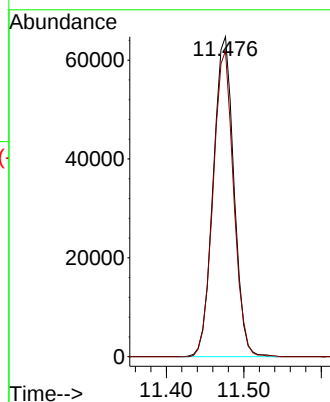
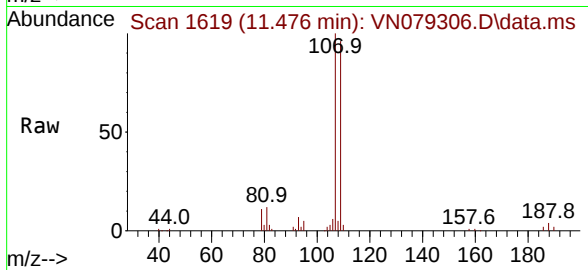
#61
1,2-Dibromoethane
Concen: 51.916 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:107 Resp: 119597
Ion Ratio Lower Upper
107 100
109 95.0 76.6 114.8

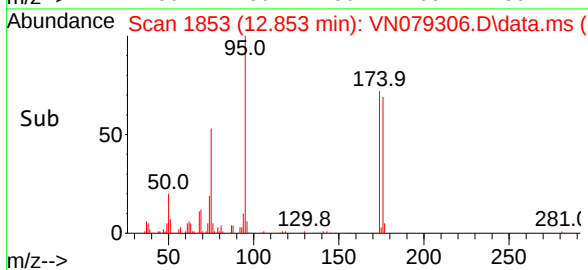
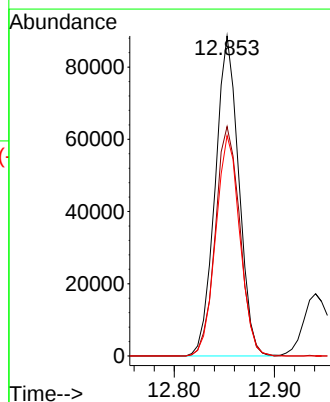
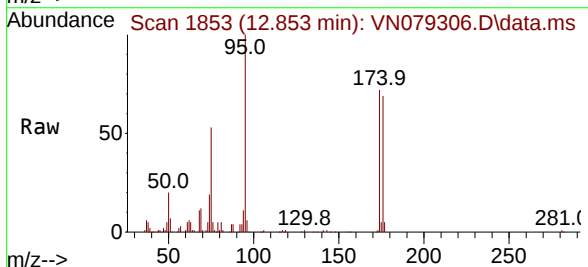
Manual Integrations
APPROVED

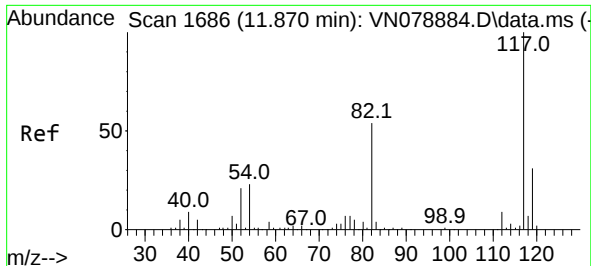
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#62
4-Bromofluorobenzene
Concen: 61.012 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

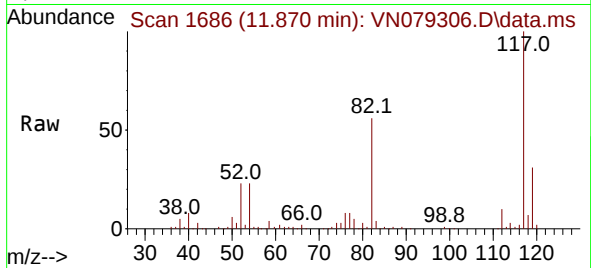
Tgt Ion: 95 Resp: 144975
Ion Ratio Lower Upper
95 100
174 74.4 0.0 143.8
176 70.3 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. -0.001 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

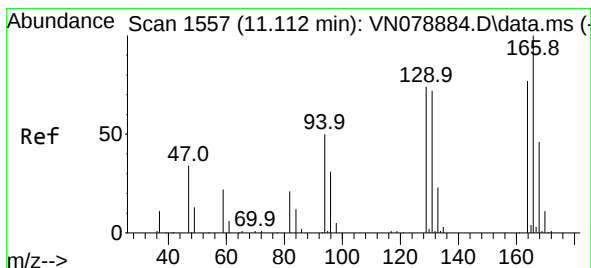
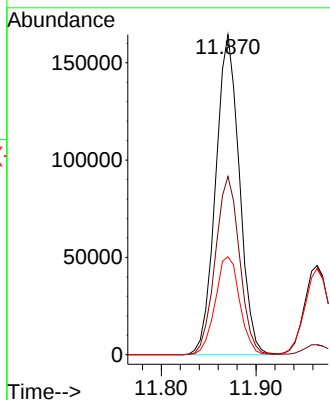
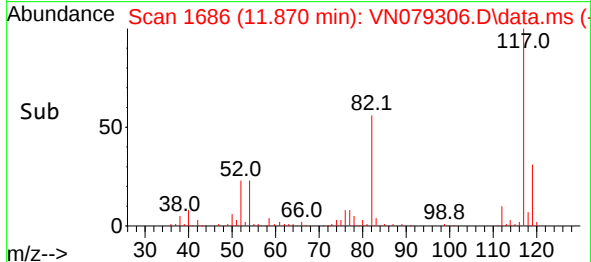
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 286198
Ion Ratio Lower Upper
117 100
82 55.7 44.0 66.0
119 30.6 25.6 38.4

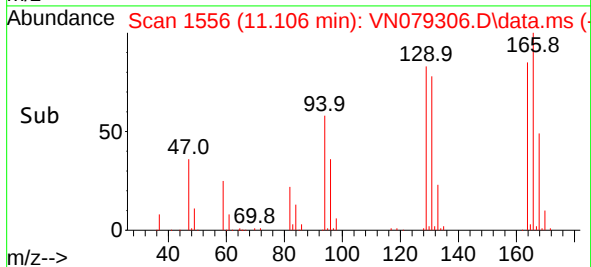
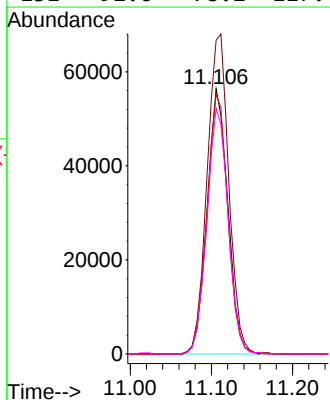
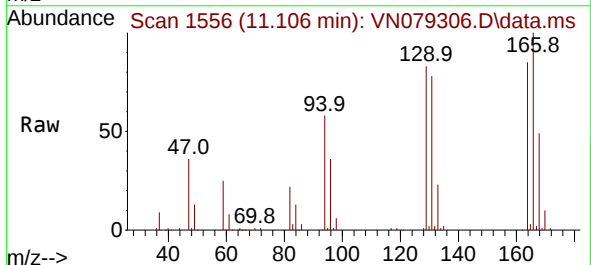
Manual Integrations
APPROVED

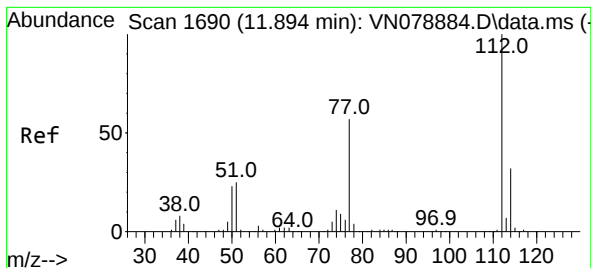
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#64
Tetrachloroethene
Concen: 48.047 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

Tgt Ion:164 Resp: 100267
Ion Ratio Lower Upper
164 100
166 118.3 101.4 152.0
129 97.9 82.4 123.6
131 92.6 78.2 117.4





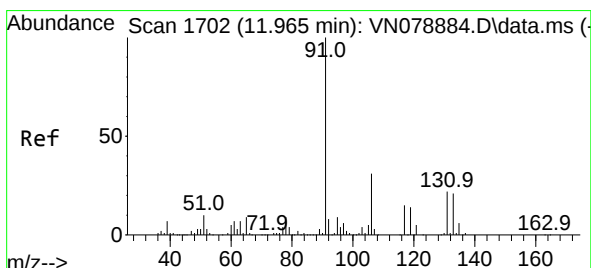
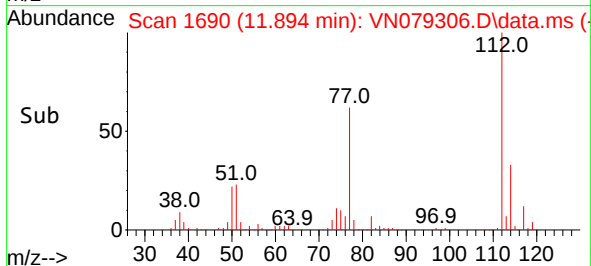
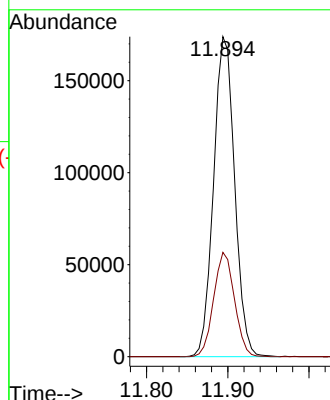
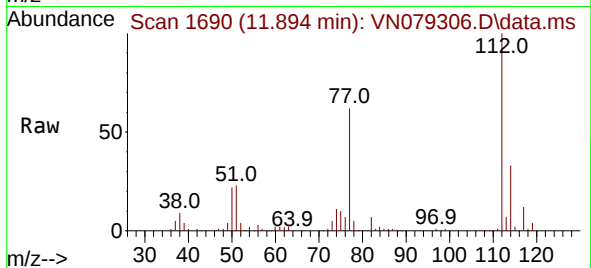
#65
Chlorobenzene
Concen: 48.434 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 31402
Ion Ratio Lower Upper
112 100
114 32.6 25.0 37.4

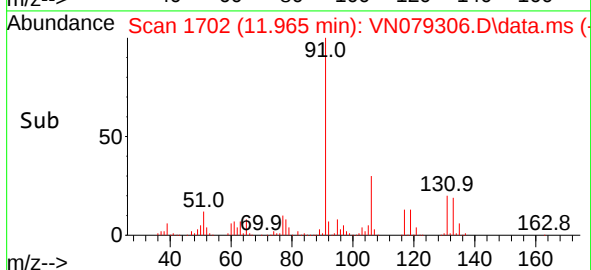
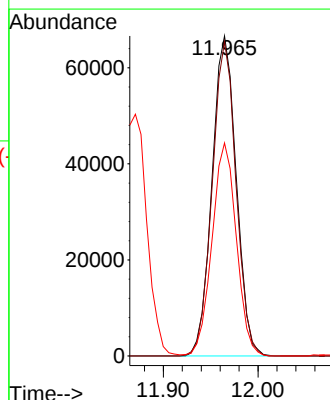
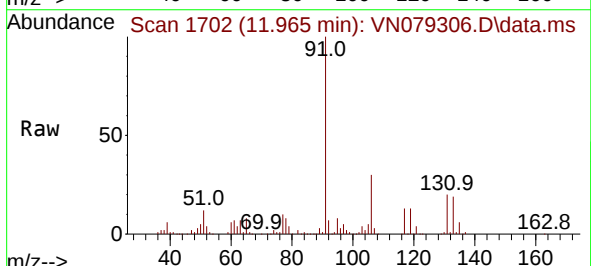
Manual Integrations
APPROVED

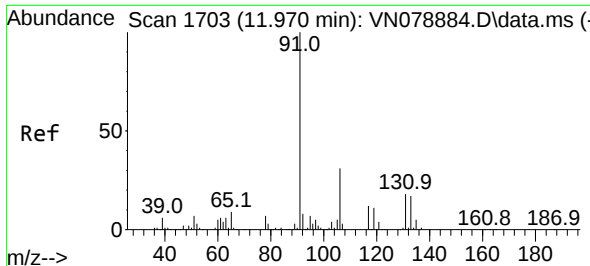
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 48.641 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

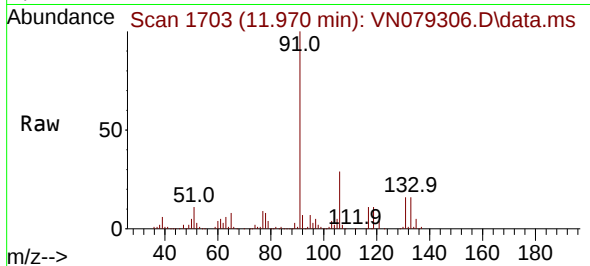
Tgt Ion:131 Resp: 118257
Ion Ratio Lower Upper
131 100
133 96.6 46.4 139.1
119 67.0 34.1 102.2





#67
Ethyl Benzene
Concen: 53.581 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

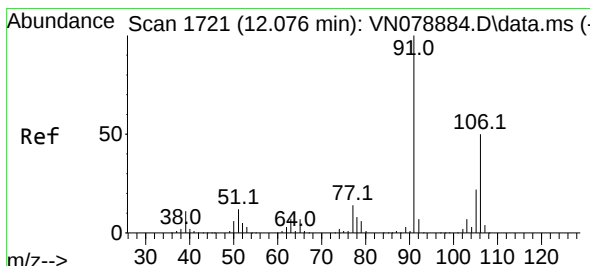
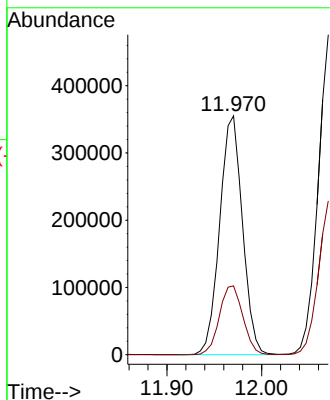
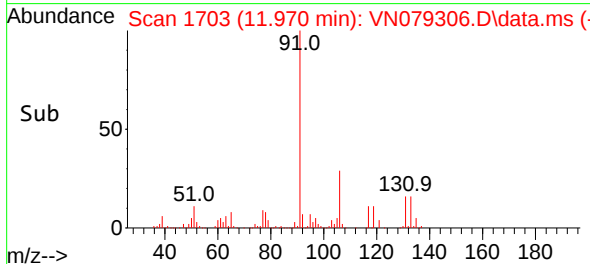
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



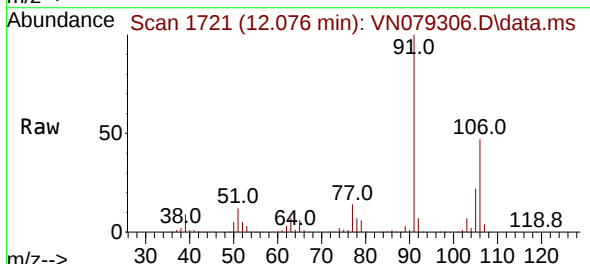
Tgt Ion: 91 Resp: 594199
Ion Ratio Lower Upper
91 100
106 28.8 25.6 38.4

Manual Integrations
APPROVED

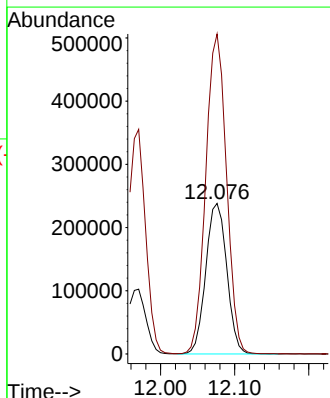
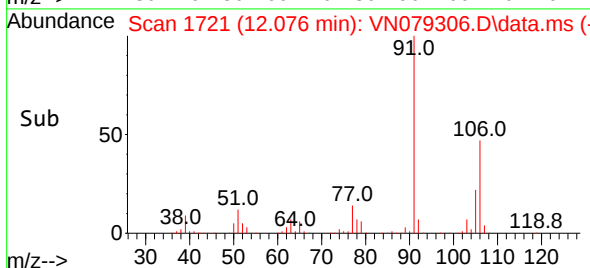
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

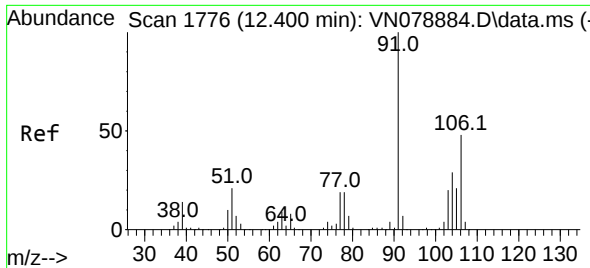


#68
m/p-Xylenes
Concen: 113.410 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55



Tgt Ion:106 Resp: 468790
Ion Ratio Lower Upper
106 100
91 209.8 159.6 239.4





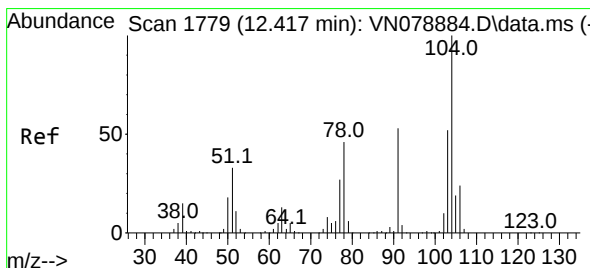
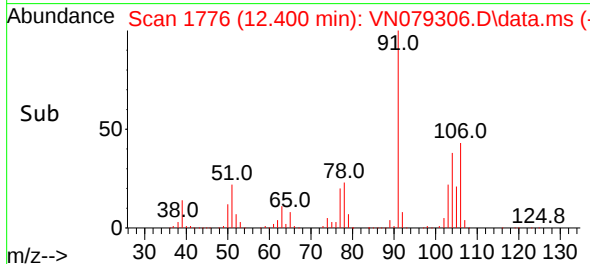
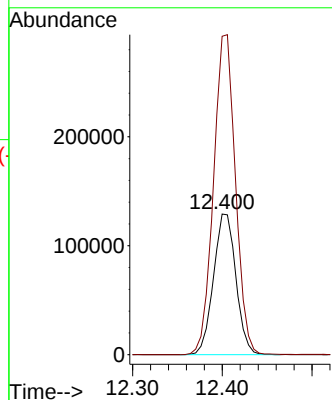
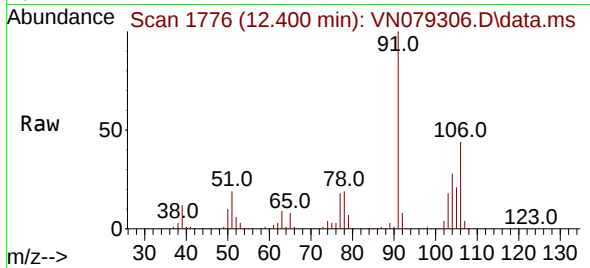
#69
o-Xylene
Concen: 56.475 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 223889
Ion Ratio Lower Upper
106 100
91 222.9 105.2 315.5

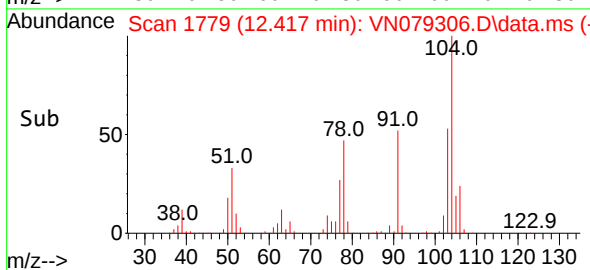
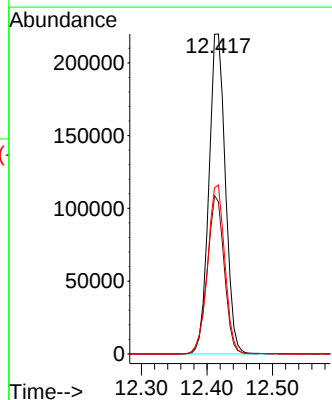
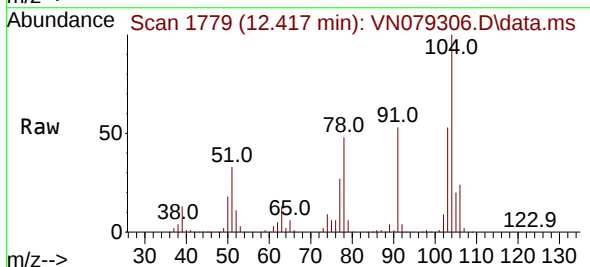
Manual Integrations
APPROVED

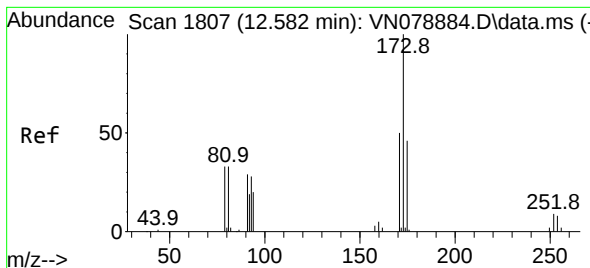
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#70
Styrene
Concen: 60.344 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

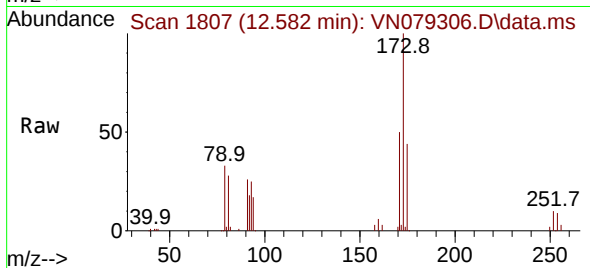
Tgt Ion:104 Resp: 384750
Ion Ratio Lower Upper
104 100
78 50.8 39.5 59.3
103 54.9 43.2 64.8





#71
Bromoform
Concen: 53.448 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

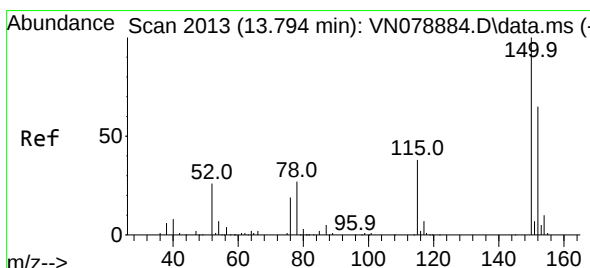
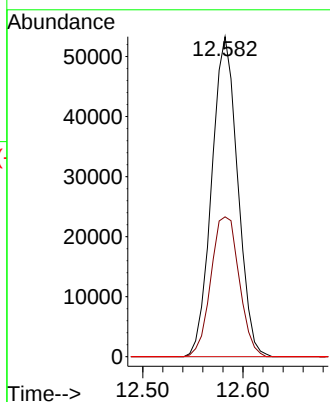
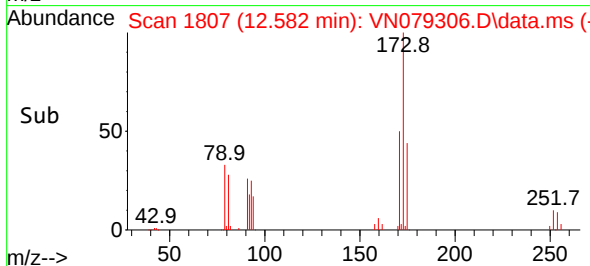
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:173 Resp: 95929
Ion Ratio Lower Upper
173 100
175 47.6 24.3 73.0
254 0.0 0.0 0.0

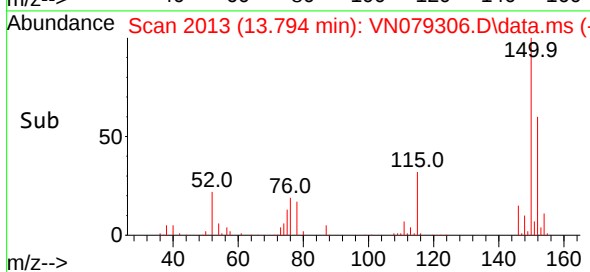
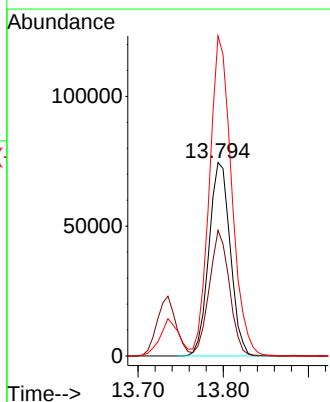
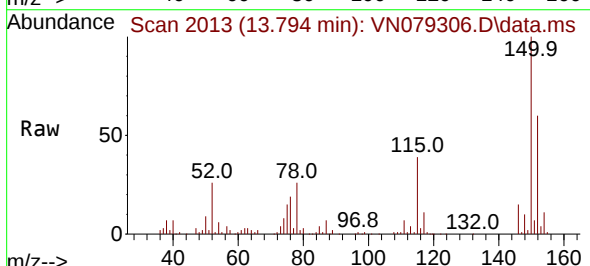
Manual Integrations
APPROVED

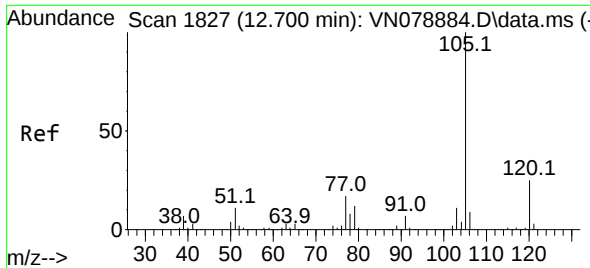
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

Tgt Ion:152 Resp: 129763
Ion Ratio Lower Upper
152 100
115 61.1 32.3 96.8
150 172.3 0.0 355.8





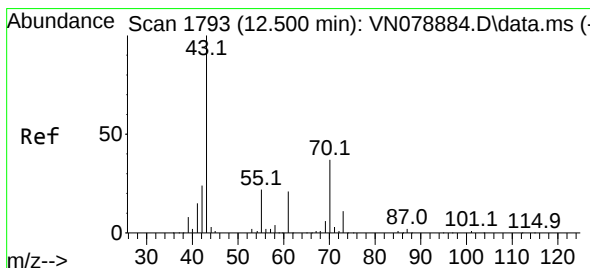
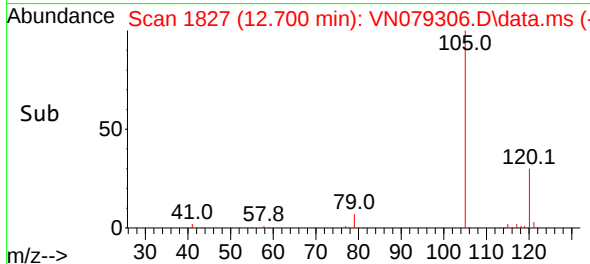
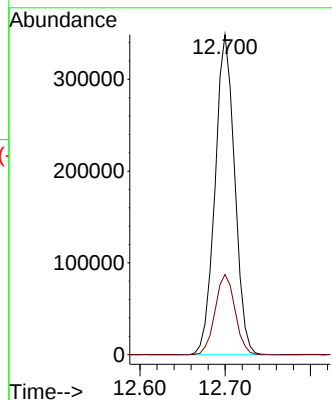
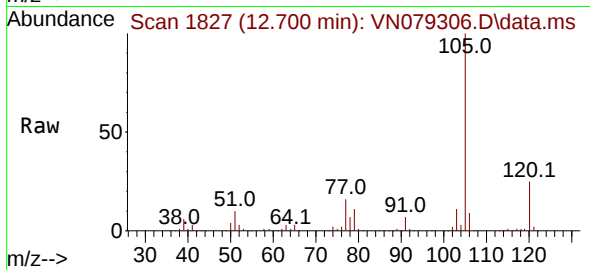
#73
Isopropylbenzene
Concen: 47.148 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 556630
Ion Ratio Lower Upper
105 100
120 25.5 13.1 39.1

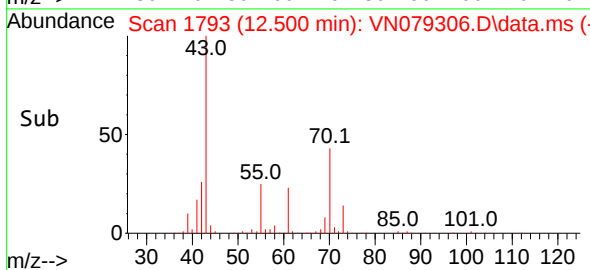
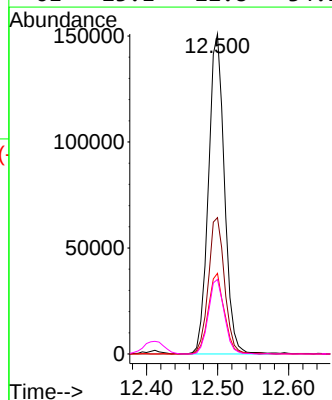
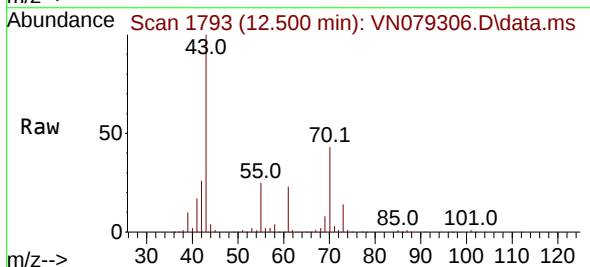
Manual Integrations
APPROVED

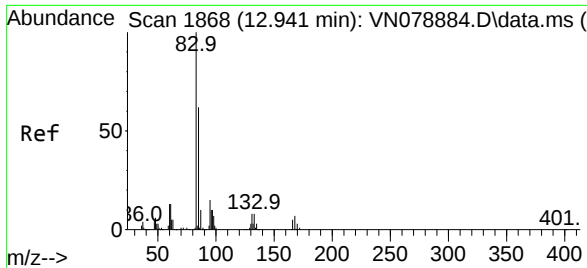
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#74
N-ethyl acetate
Concen: 52.900 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

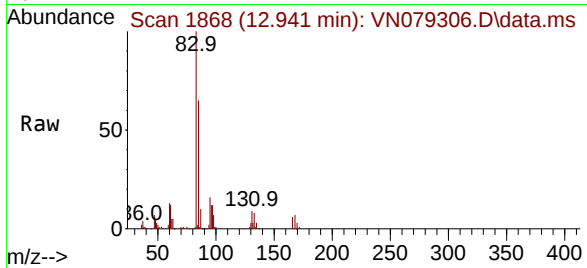
Tgt Ion: 43 Resp: 236945
Ion Ratio Lower Upper
43 100
70 43.0 43.4 65.2#
55 25.2 21.4 32.0
61 23.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 42.283 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

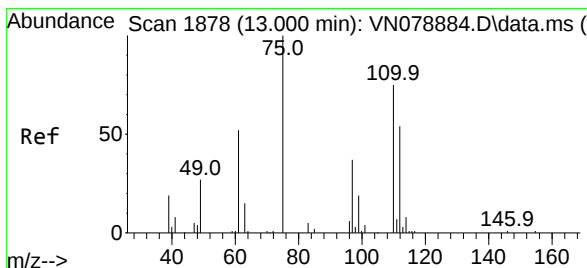
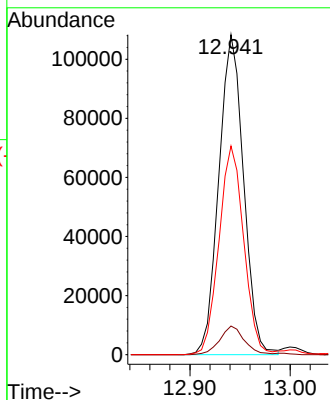
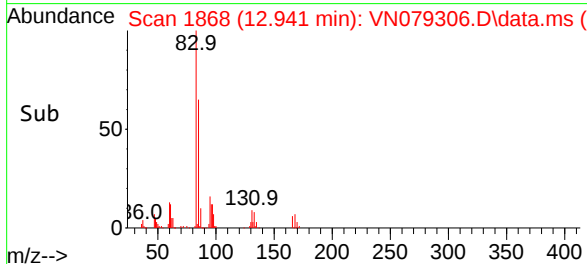
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 18588
Ion Ratio Lower Upper
83 100
131 9.1 5.0 15.0
85 65.1 31.9 95.7

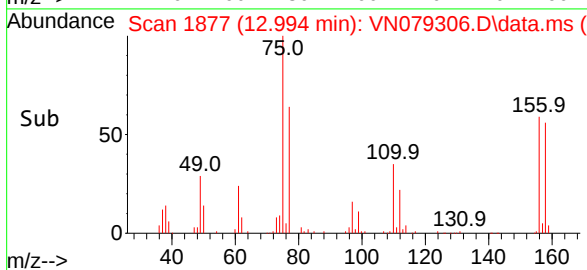
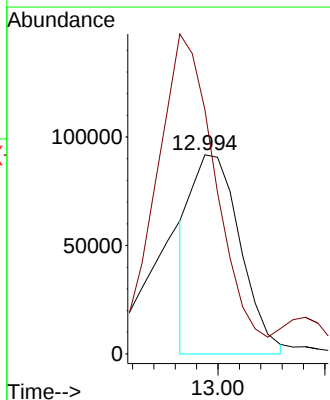
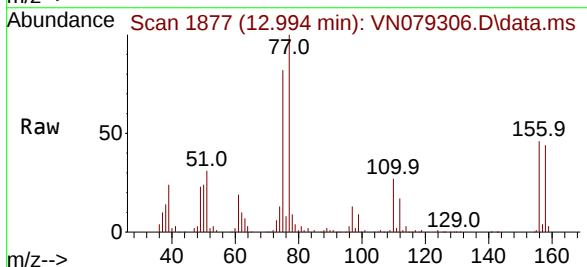
Manual Integrations
APPROVED

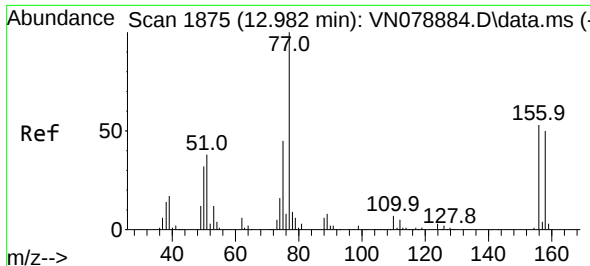
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#76
1,2,3-Trichloropropane
Concen: 42.026 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

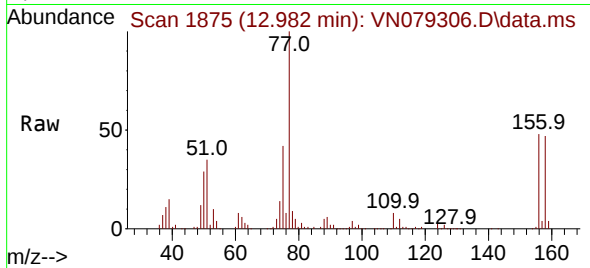
Tgt Ion: 75 Resp: 146976
Ion Ratio Lower Upper
75 100
77 195.9 84.5 253.5





#77
Bromobenzene
Concen: 42.355 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

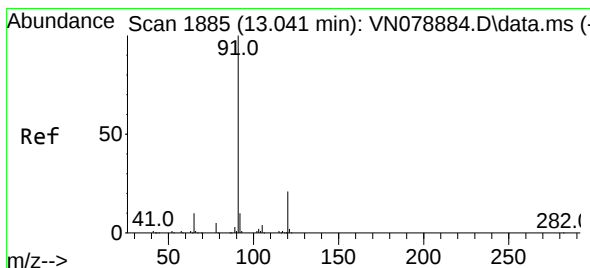
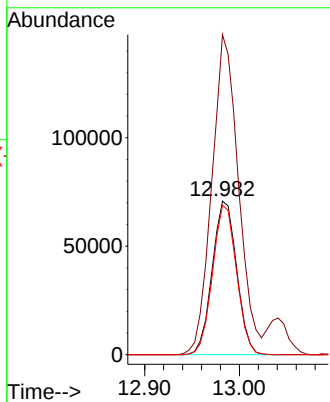
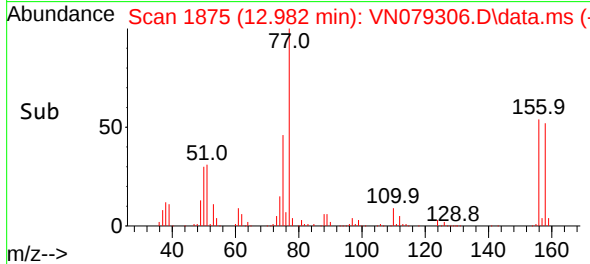
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



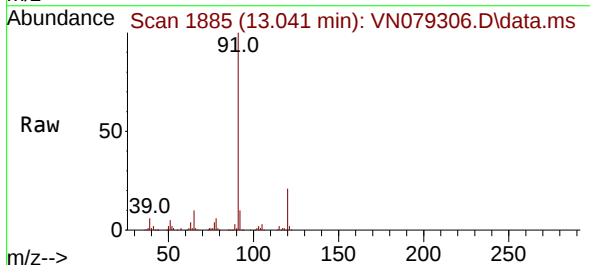
Tgt Ion:156 Resp: 126617
Ion Ratio Lower Upper
156 100
77 227.4 107.7 323.3
158 95.5 48.4 145.3

Manual Integrations
APPROVED

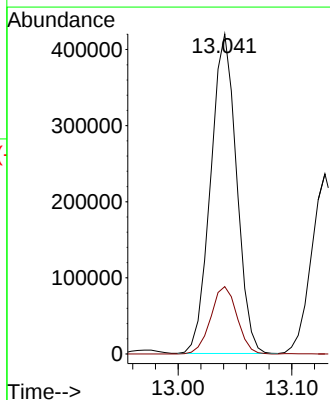
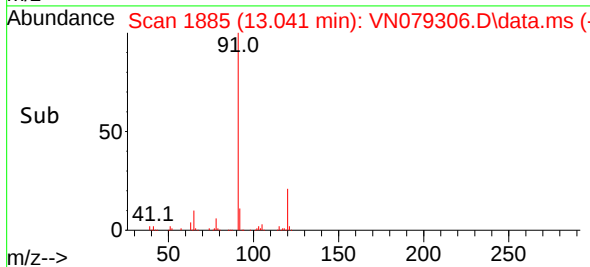
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

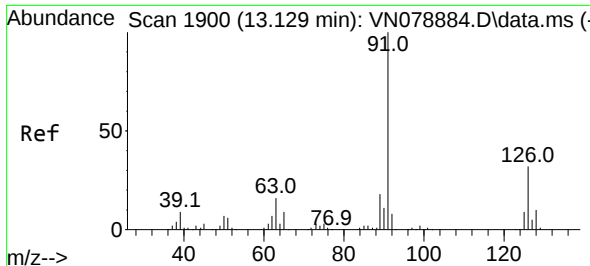


#78
n-propylbenzene
Concen: 50.209 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55



Tgt Ion: 91 Resp: 665894
Ion Ratio Lower Upper
91 100
120 21.4 11.5 34.4





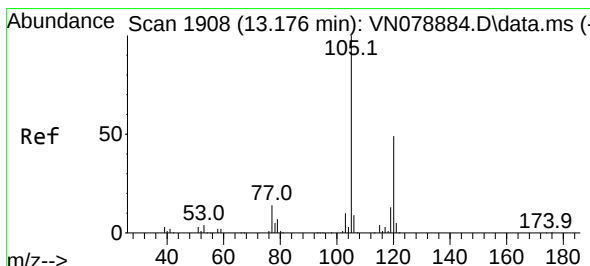
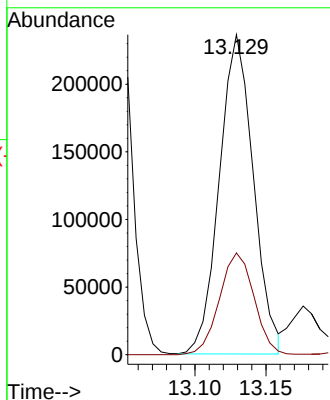
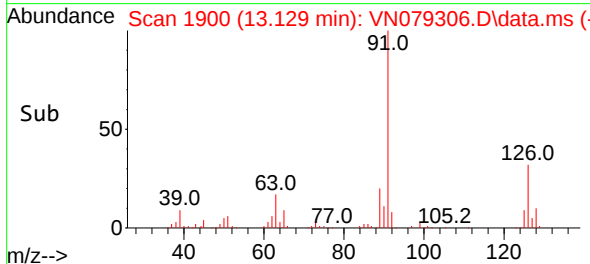
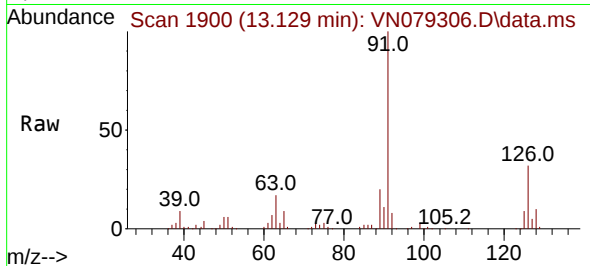
#79
2-Chlorotoluene
Concen: 45.393 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 393748
Ion Ratio Lower Upper
91 100
126 32.4 16.3 48.8

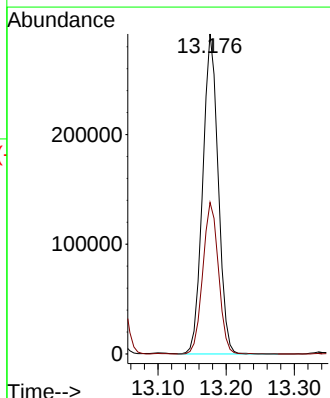
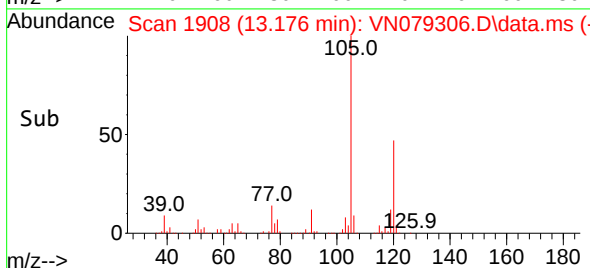
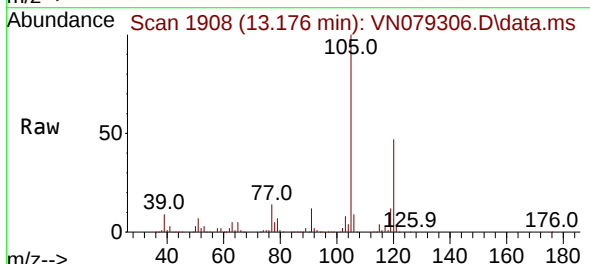
Manual Integrations
APPROVED

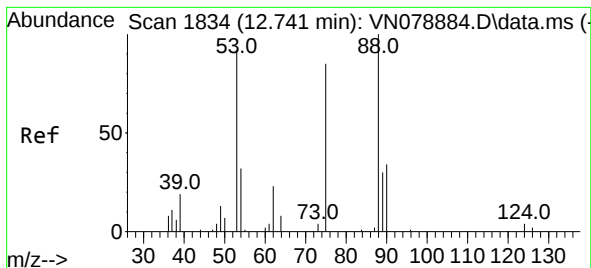
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#80
1,3,5-Trimethylbenzene
Concen: 46.787 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

Tgt Ion:105 Resp: 460264
Ion Ratio Lower Upper
105 100
120 47.9 24.1 72.3





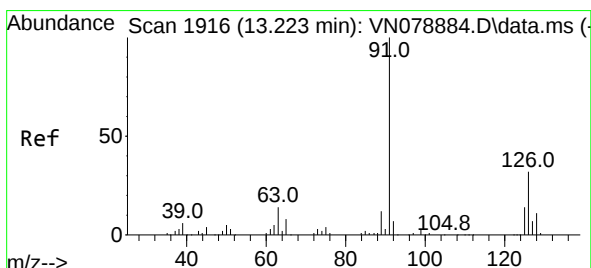
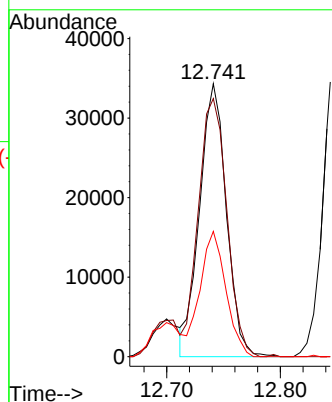
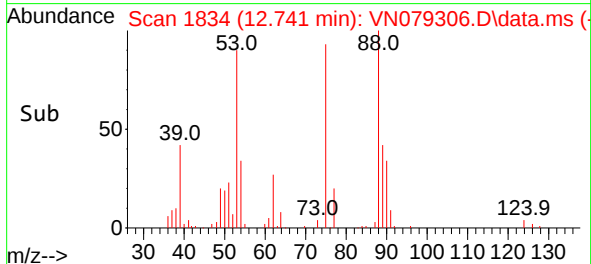
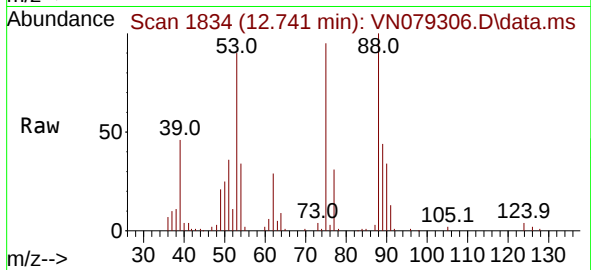
#81
trans-1,4-Dichloro-2-butene
Concen: 44.267 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 5631
Ion Ratio Lower Upper
75 100
53 100.7 67.4 101.2
89 43.7 38.8 58.2

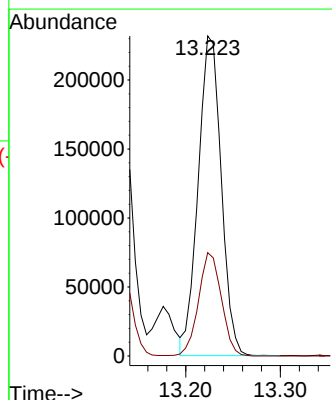
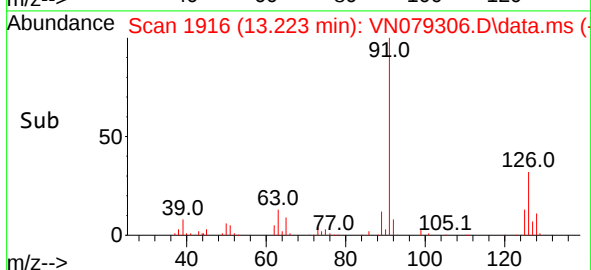
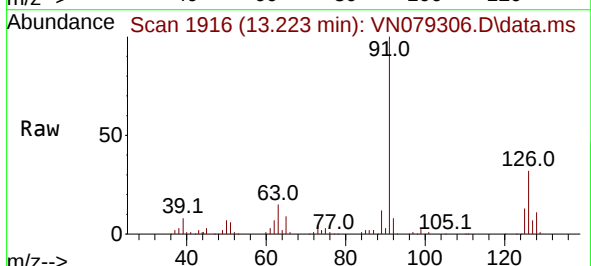
Manual Integrations
APPROVED

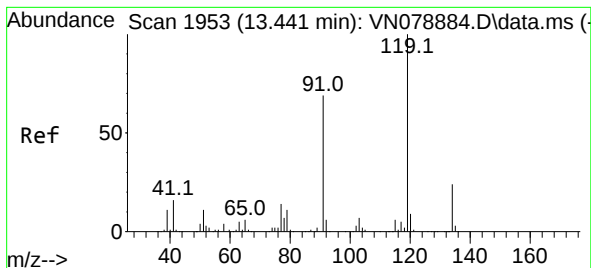
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#82
4-Chlorotoluene
Concen: 48.153 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

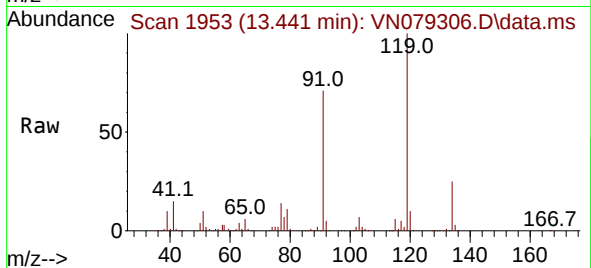
Tgt Ion: 91 Resp: 392480
Ion Ratio Lower Upper
91 100
126 32.0 16.7 50.0





#83
tert-Butylbenzene
Concen: 47.480 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

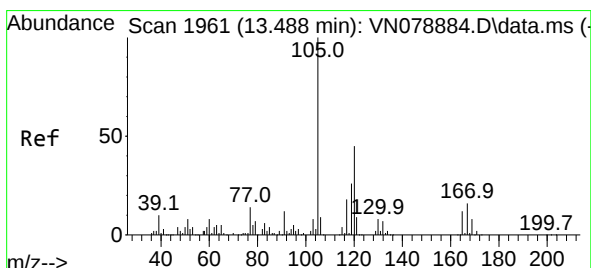
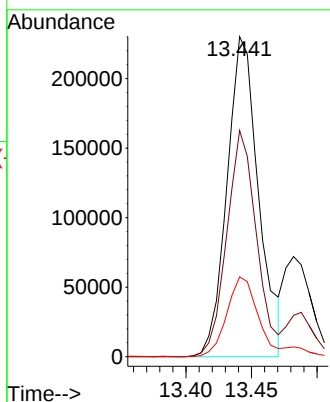
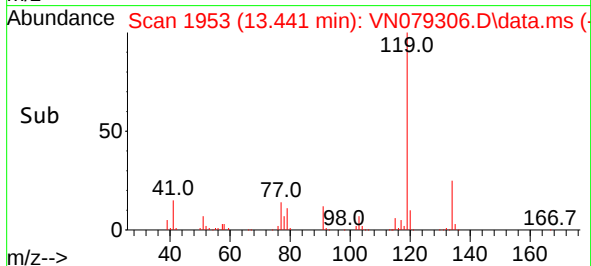
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



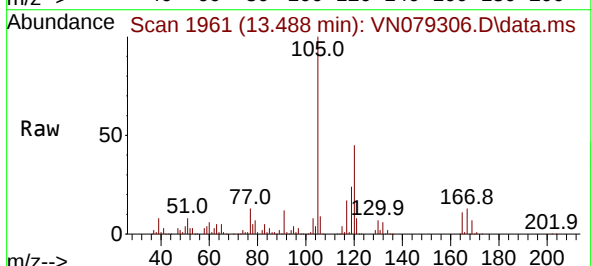
Tgt Ion:119 Resp: 38640
Ion Ratio Lower Upper
119 100
91 66.5 33.9 101.7
134 26.6 13.2 39.6

Manual Integrations
APPROVED

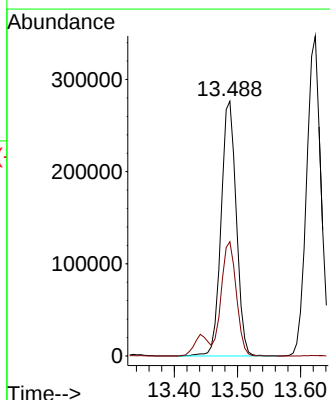
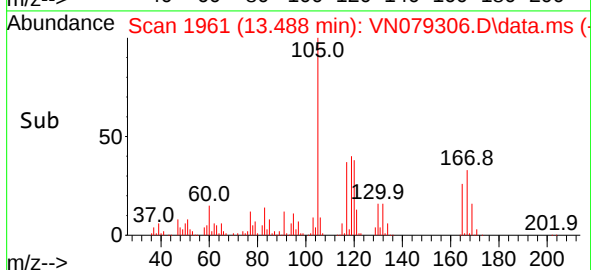
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

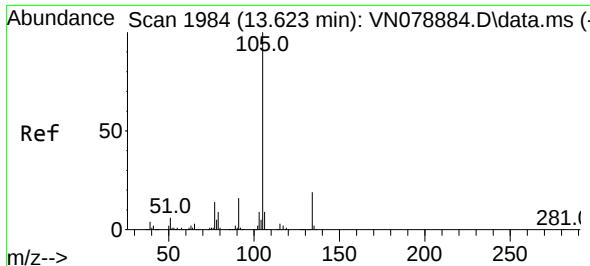


#84
1,2,4-Trimethylbenzene
Concen: 49.258 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. -0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55



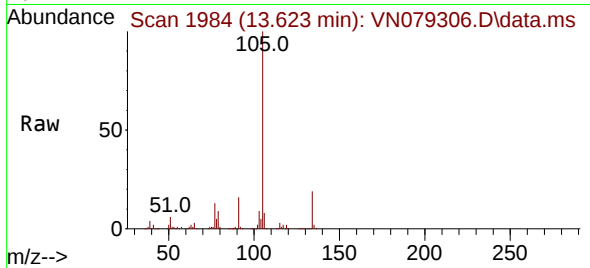
Tgt Ion:105 Resp: 461489
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 48.670 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079306.D
 Acq: 20 Sep 2023 09:55

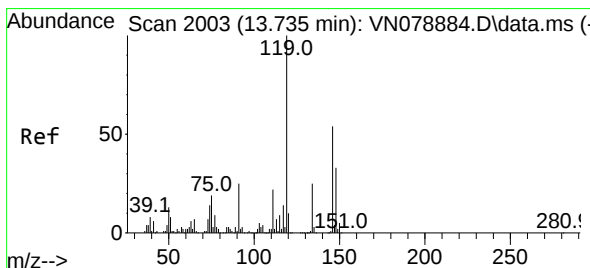
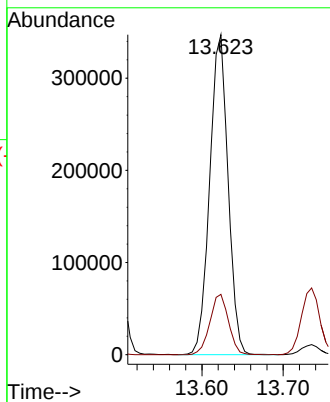
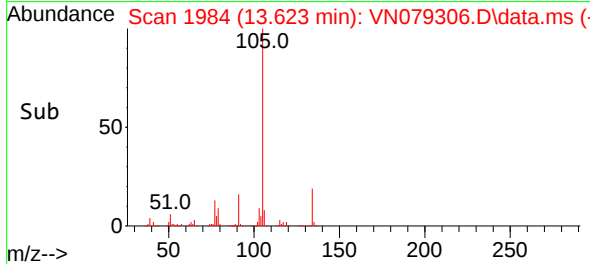
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



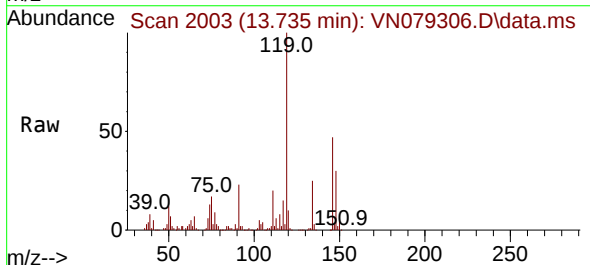
Tgt Ion:105 Resp: 545284
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3

Manual Integrations
 APPROVED

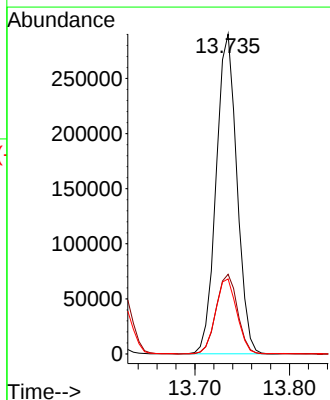
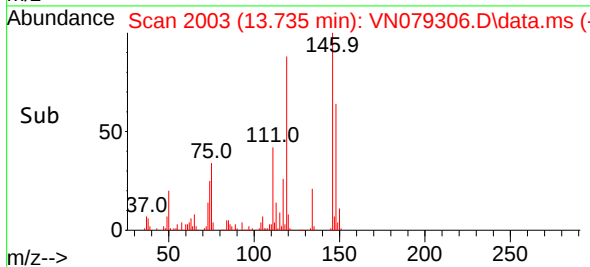
Reviewed By :John Carlone 09/21/2023
 Supervised By :Mahesh Dadoda 09/21/2023

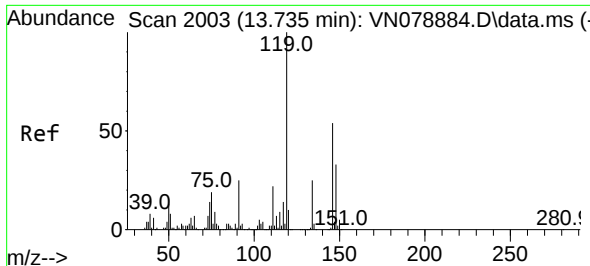


#86
 p-Isopropyltoluene
 Concen: 49.357 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079306.D
 Acq: 20 Sep 2023 09:55



Tgt Ion:119 Resp: 441795
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 24.3 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 46.904 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN079306.D

Acq: 20 Sep 2023 09:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 229980

Ion Ratio Lower Upper

146 100

111 41.4 22.1 66.3

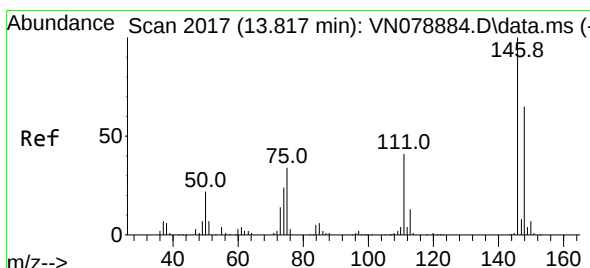
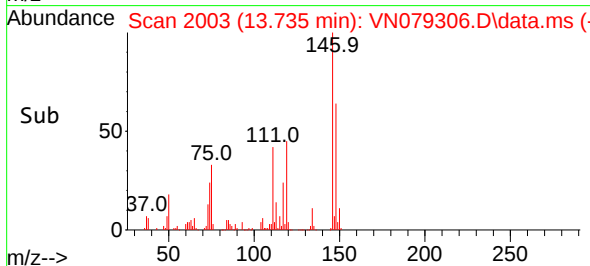
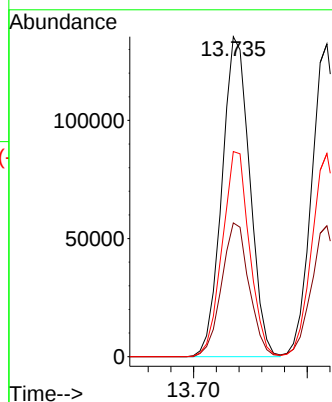
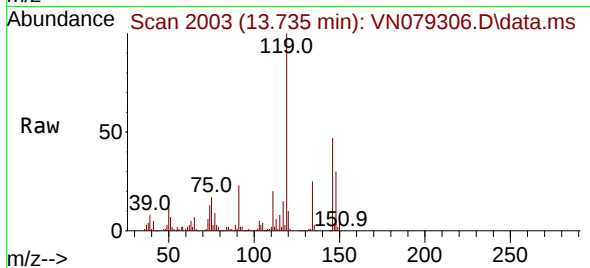
148 62.8 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/21/2023

Supervised By :Mahesh Dadoda 09/21/2023



#88

1,4-Dichlorobenzene

Concen: 44.755 ug/l

RT: 13.817 min Scan# 2017

Delta R.T. -0.001 min

Lab File: VN079306.D

Acq: 20 Sep 2023 09:55

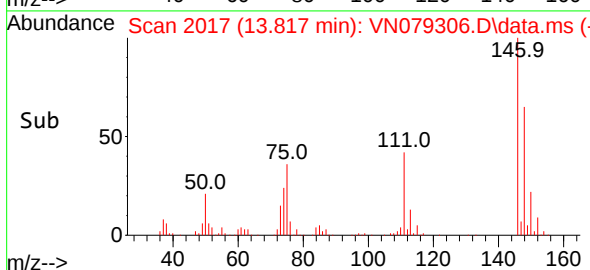
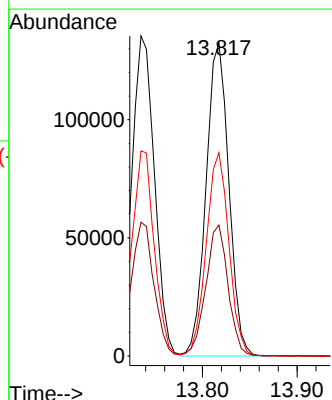
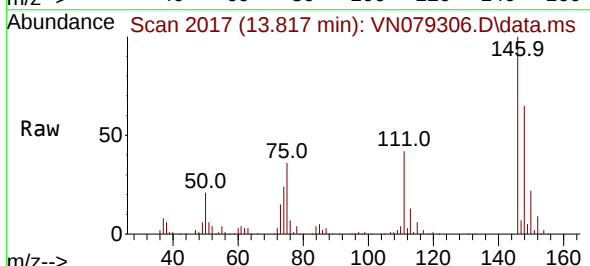
Tgt Ion:146 Resp: 221742

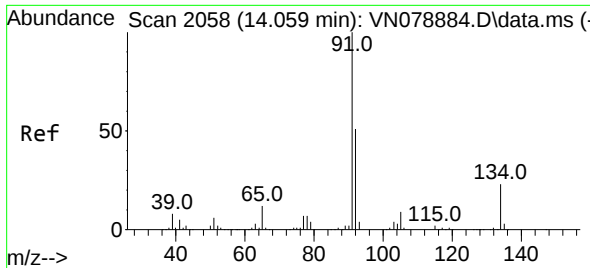
Ion Ratio Lower Upper

146 100

111 40.9 20.6 61.8

148 64.6 31.6 94.8





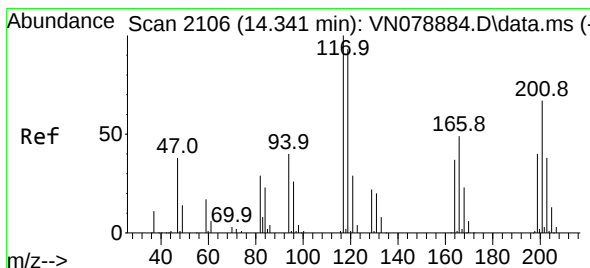
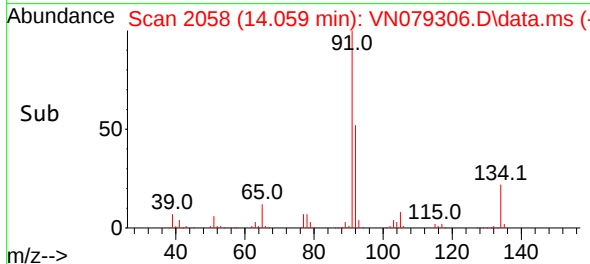
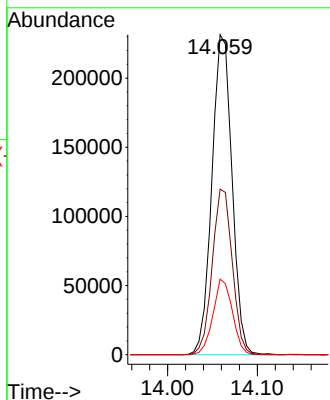
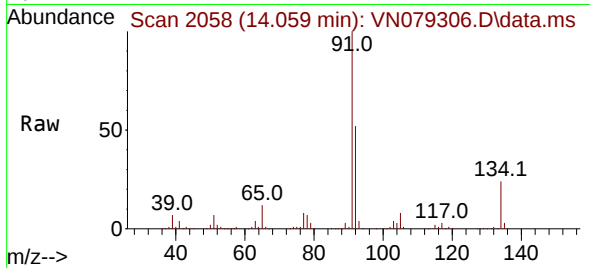
#89
n-Butylbenzene
Concen: 51.261 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 360812
Ion Ratio Lower Upper
91 100
92 51.5 26.4 79.0
134 22.8 12.6 37.6

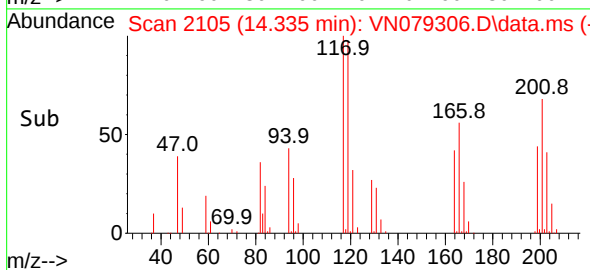
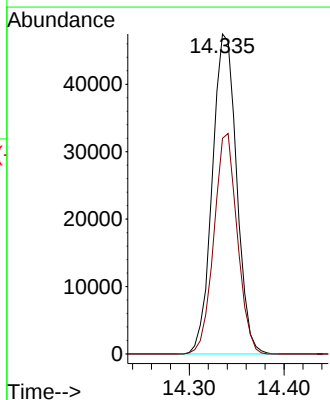
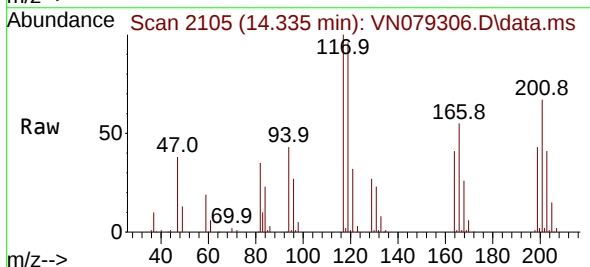
Manual Integrations
APPROVED

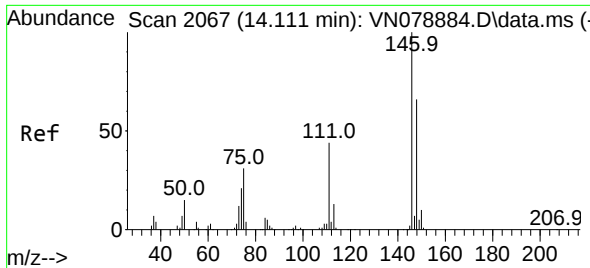
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#90
Hexachloroethane
Concen: 46.557 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

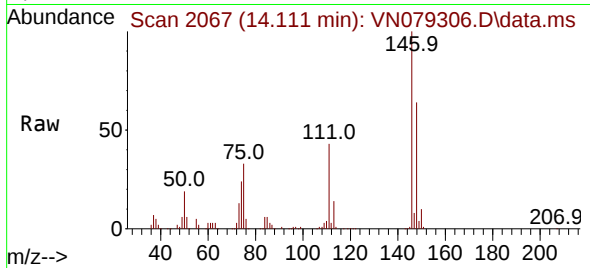
Tgt Ion:117 Resp: 84626
Ion Ratio Lower Upper
117 100
201 66.3 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 45.900 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

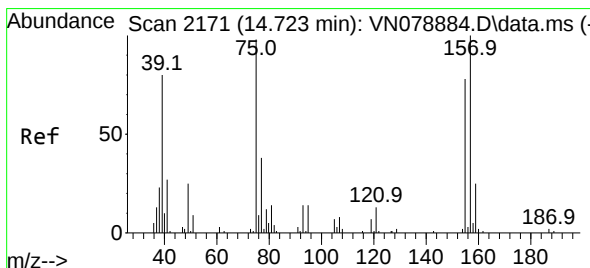
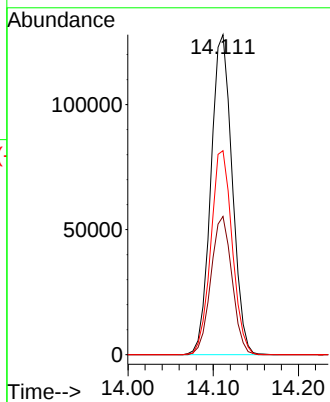
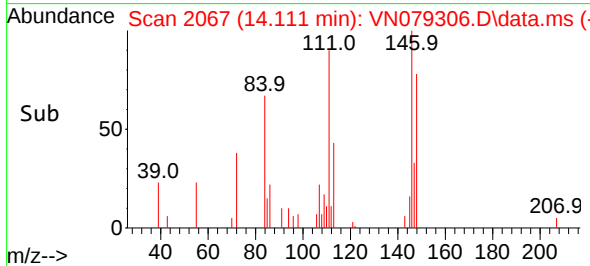
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



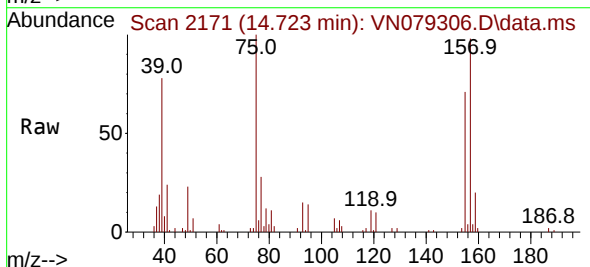
Tgt Ion:146 Resp: 222174
Ion Ratio Lower Upper
146 100
111 42.9 22.0 66.0
148 64.2 31.8 95.3

Manual Integrations
APPROVED

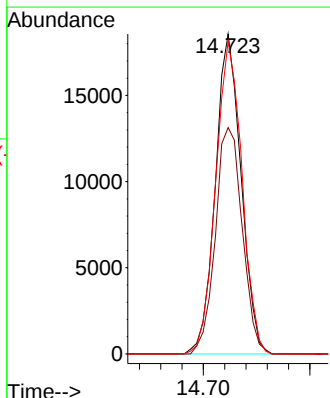
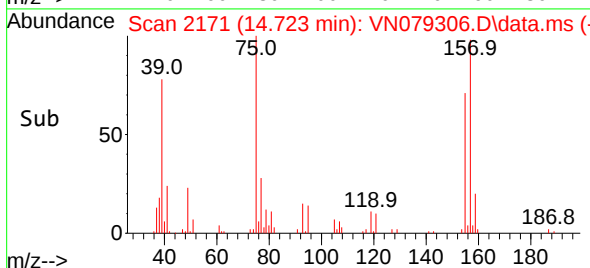
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

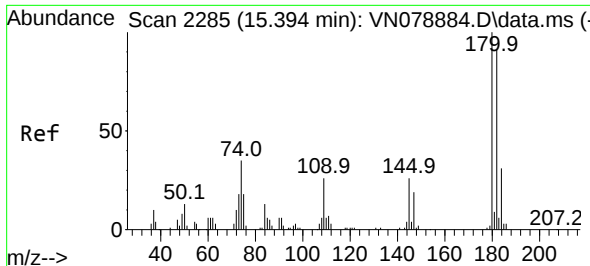


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.393 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55



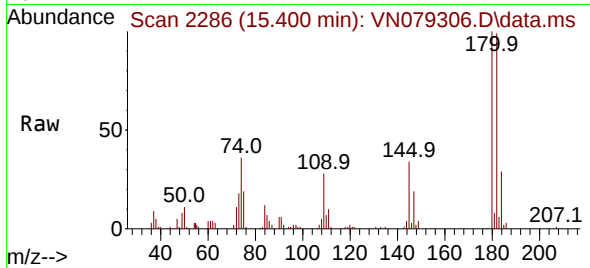
Tgt Ion: 75 Resp: 31005
Ion Ratio Lower Upper
75 100
155 74.2 39.1 117.2
157 99.9 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 45.008 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

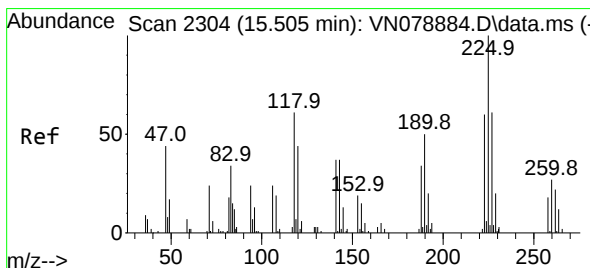
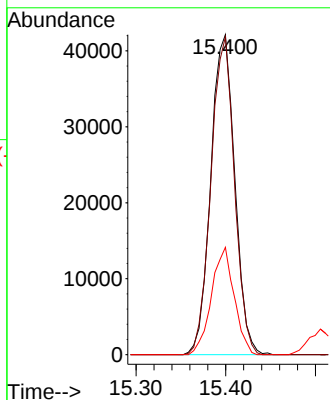
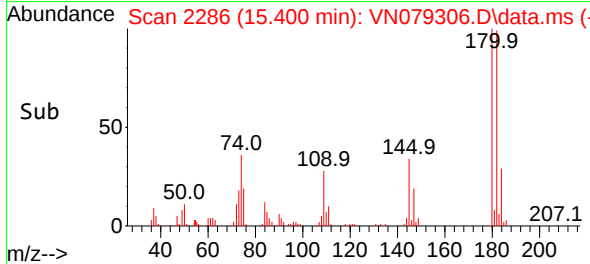
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



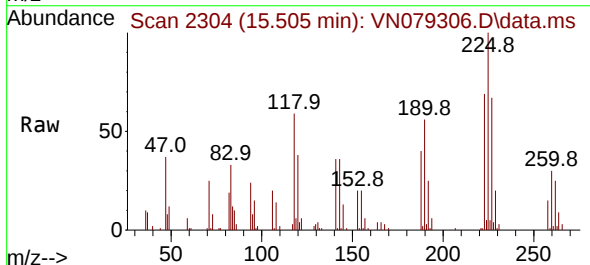
Tgt Ion:180 Resp: 78289
Ion Ratio Lower Upper
180 100
182 96.9 46.1 138.2
145 31.8 16.6 49.8

Manual Integrations
APPROVED

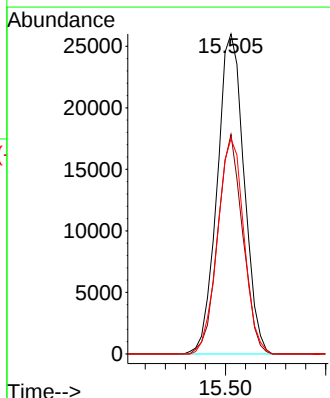
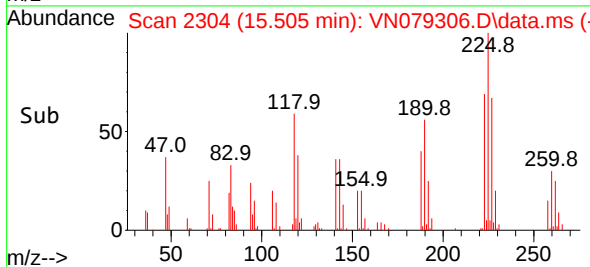
Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023

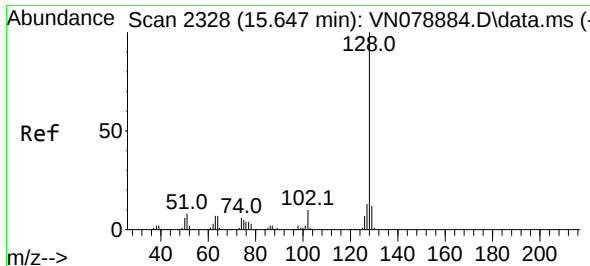


#94
Hexachlorobutadiene
Concen: 35.279 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55



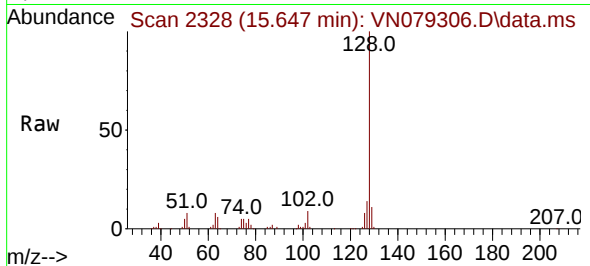
Tgt Ion:225 Resp: 48273
Ion Ratio Lower Upper
225 100
223 63.7 31.3 93.8
227 65.9 31.9 95.9





#95
Naphthalene
Concen: 40.368 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

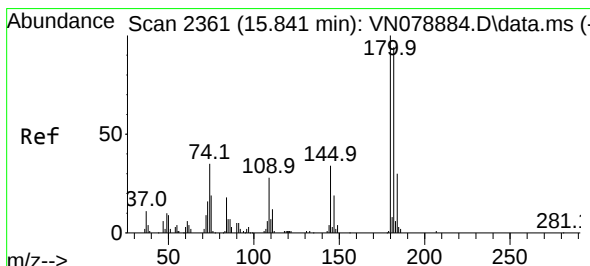
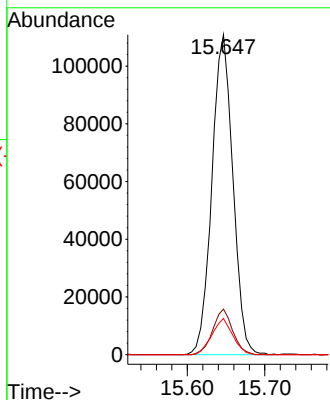
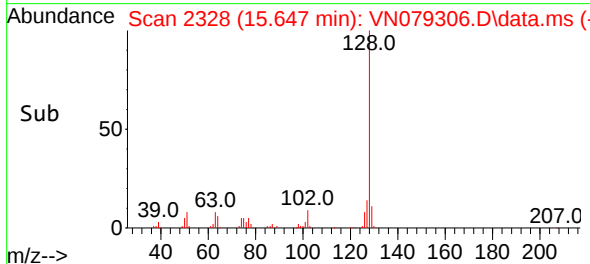
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 208550
Ion Ratio Lower Upper
128 100
127 13.6 10.0 15.0
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/21/2023
Supervised By :Mahesh Dadoda 09/21/2023



#96
1,2,3-Trichlorobenzene
Concen: 40.312 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN079306.D
Acq: 20 Sep 2023 09:55

Tgt Ion:180 Resp: 82713
Ion Ratio Lower Upper
180 100
182 95.3 46.2 138.6
145 34.9 17.5 52.6

