

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092623\
 Data File : VN079345.D
 Acq On : 26 Sep 2023 09:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 27 06:22:21 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

Manual Integrations APPROVED

Reviewed By : John Carlone 09/27/2023
 Supervised By : Mahesh Dadoda 09/27/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	173709	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	301485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	276211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	124857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	127841	54.519	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.040%			
35) Dibromofluoromethane	8.171	113	102298	51.011	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.020%			
50) Toluene-d8	10.571	98	378240	51.366	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.740%			
62) 4-Bromofluorobenzene	12.853	95	127731	54.380	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	89931	52.323	ug/l	99
3) Chloromethane	2.365	50	115306	51.104	ug/l	97
4) Vinyl Chloride	2.518	62	137235	55.822	ug/l	99
5) Bromomethane	2.942	94	77664	54.959	ug/l	100
6) Chloroethane	3.118	64	94774	60.477	ug/l	92
7) Trichlorofluoromethane	3.495	101	189640	52.678	ug/l	98
8) Diethyl Ether	3.959	74	64254	51.423	ug/l	64
9) 1,1,2-Trichlorotrifluo...	4.371	101	98225	51.305	ug/l	99
10) Methyl Iodide	4.589	142	110494	70.554	ug/l	99
11) Tert butyl alcohol	5.524	59	85528	197.561	ug/l	99
12) 1,1-Dichloroethene	4.347	96	90260	48.718	ug/l	86
13) Acrolein	4.177	56	120344	291.419	ug/l	96
14) Allyl chloride	5.024	41	147322	49.848	ug/l	90
15) Acrylonitrile	5.718	53	296113	263.787	ug/l	100
16) Acetone	4.430	43	319198	320.514	ug/l	92
17) Carbon Disulfide	4.712	76	230459	39.800	ug/l	100
18) Methyl Acetate	5.030	43	229126	55.980	ug/l #	84
19) Methyl tert-butyl Ether	5.794	73	339037	53.358	ug/l	96
20) Methylene Chloride	5.277	84	118246	48.791	ug/l #	78
21) trans-1,2-Dichloroethene	5.794	96	104643	48.690	ug/l	87
22) Diisopropyl ether	6.677	45	385643	59.470	ug/l #	89
23) Vinyl Acetate	6.606	43	1134421	284.418	ug/l #	86
24) 1,1-Dichloroethane	6.571	63	219928	55.017	ug/l	97
25) 2-Butanone	7.488	43	415528	287.569	ug/l #	80
26) 2,2-Dichloropropane	7.494	77	185202	56.457	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	129145	52.552	ug/l	88
28) Bromochloromethane	7.818	49	94265	52.155	ug/l #	74
29) Tetrahydrofuran	7.835	42	255935	278.327	ug/l #	75
30) Chloroform	7.971	83	228917	55.001	ug/l	92
31) Cyclohexane	8.259	56	169089	49.385	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	191796	54.060	ug/l	93
36) 1,1-Dichloropropene	8.371	75	161317	52.187	ug/l	94
37) Ethyl Acetate	7.565	43	161389	52.346	ug/l #	91
38) Carbon Tetrachloride	8.365	117	161201	50.394	ug/l	97
39) Methylcyclohexane	9.606	83	159341	52.259	ug/l #	87
40) Benzene	8.612	78	481905	50.927	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092623\
 Data File : VN079345.D
 Acq On : 26 Sep 2023 09:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/27/2023
 Supervised By : Mahesh Dadoda 09/27/2023

Quant Time: Sep 27 06:22:21 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)
41) Methacrylonitrile	7.782	41	90804	58.412	ug/l #	84
42) 1,2-Dichloroethane	8.671	62	180649	55.454	ug/l	98
43) Isopropyl Acetate	8.688	43	265507	52.777	ug/l #	89
44) Trichloroethene	9.353	130	113971	48.893	ug/l	99
45) 1,2-Dichloropropane	9.624	63	131989	56.203	ug/l	98
46) Dibromomethane	9.712	93	85334	53.527	ug/l	94
47) Bromodichloromethane	9.888	83	183443	56.179	ug/l	99
48) Methyl methacrylate	9.682	41	126524	56.149	ug/l #	81
49) 1,4-Dioxane	9.700	88	43231	932.756	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	836445	286.424	ug/l	89
52) Toluene	10.635	92	298475	51.326	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	188532	54.757	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	202508	54.991	ug/l #	90
55) 1,1,2-Trichloroethane	11.023	97	122314	53.603	ug/l	99
56) Ethyl methacrylate	10.876	69	180122	55.920	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	214759	54.444	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	411672	297.449	ug/l #	88
59) 2-Hexanone	11.200	43	615669	291.077	ug/l	88
60) Dibromochloromethane	11.365	129	127544	52.520	ug/l	100
61) 1,2-Dibromoethane	11.470	107	118192	51.903	ug/l	97
64) Tetrachloroethene	11.106	164	95702	47.517	ug/l	97
65) Chlorobenzene	11.894	112	310826	49.674	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	118657	50.570	ug/l	97
67) Ethyl Benzene	11.970	91	586902	54.836	ug/l	96
68) m/p-Xylenes	12.076	106	434578	108.935	ug/l	94
69) o-Xylene	12.400	106	209016	54.630	ug/l	92
70) Styrene	12.412	104	358685	58.290	ug/l	98
71) Bromoform	12.582	173	87176	50.327	ug/l #	99
73) Isopropylbenzene	12.700	105	551387	48.539	ug/l	99
74) N-amyl acetate	12.494	43	220191	51.091	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	181224	42.841	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	160240m	47.619	ug/l	
77) Bromobenzene	12.982	156	123478	42.928	ug/l	92
78) n-propylbenzene	13.041	91	664367	52.062	ug/l	98
79) 2-Chlorotoluene	13.129	91	393788	47.181	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	465605	49.190	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	55333	45.206	ug/l #	78
82) 4-Chlorotoluene	13.223	91	386644	49.301	ug/l	99
83) tert-Butylbenzene	13.441	119	378612	48.351	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	461507	51.196	ug/l	99
85) sec-Butylbenzene	13.617	105	550635	51.079	ug/l	99
86) p-Isopropyltoluene	13.735	119	443657	51.513	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	228152	48.359	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	221840	46.534	ug/l	99
89) n-Butylbenzene	14.059	91	371665	54.878	ug/l	98
90) Hexachloroethane	14.335	117	85283	48.762	ug/l	89
91) 1,2-Dichlorobenzene	14.111	146	220720	47.391	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	28908	44.955	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	82261	49.150	ug/l	98
94) Hexachlorobutadiene	15.506	225	51700	39.268	ug/l	99
95) Naphthalene	15.647	128	218881	44.032	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	85904	43.512	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092623\
Data File : VN079345.D
Acq On : 26 Sep 2023 09:53
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

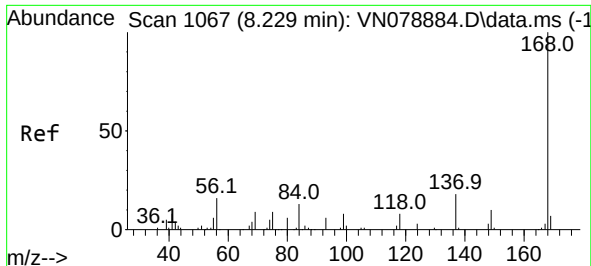
Manual Integrations
APPROVED

Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

Quant Time: Sep 27 06:22:21 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

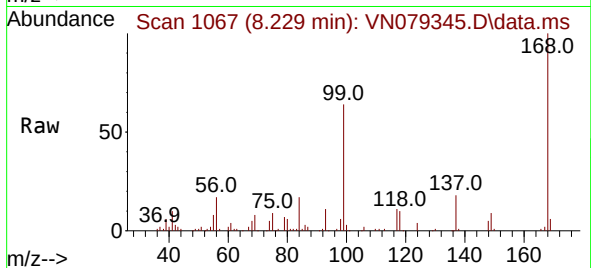
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = 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: VN079345.D
Acq: 26 Sep 2023 09:53

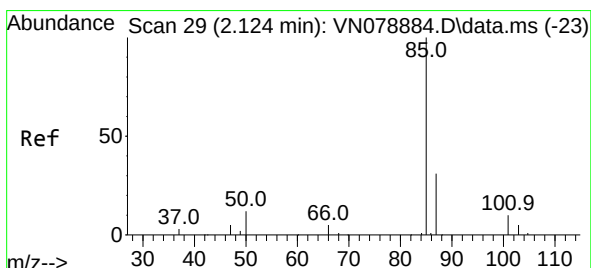
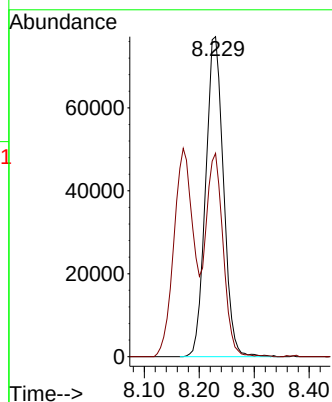
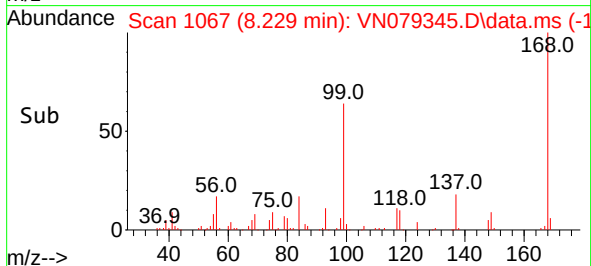
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 173709
Ion Ratio Lower Upper
168 100
99 63.6 53.0 79.6

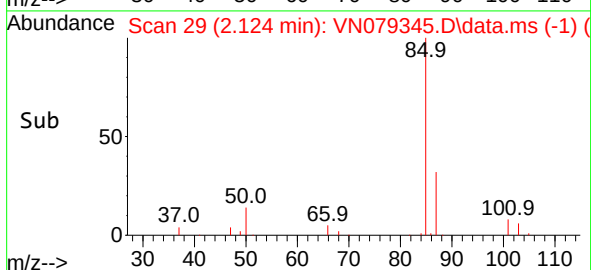
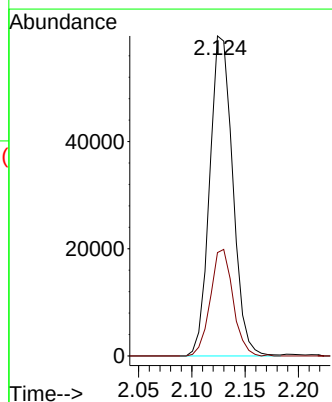
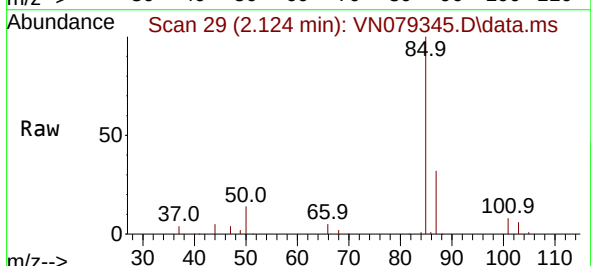
Manual Integrations
APPROVED

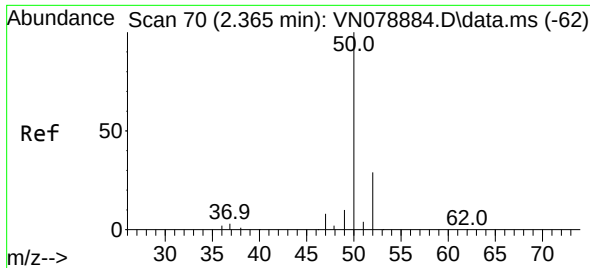
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#2
Dichlorodifluoromethane
Concen: 52.323 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.012 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

Tgt Ion: 85 Resp: 89931
Ion Ratio Lower Upper
85 100
87 32.3 15.8 47.4





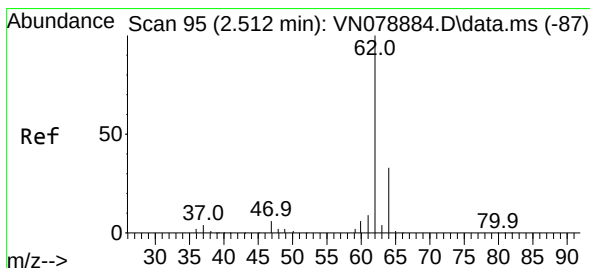
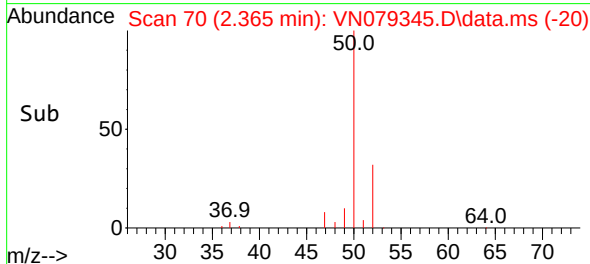
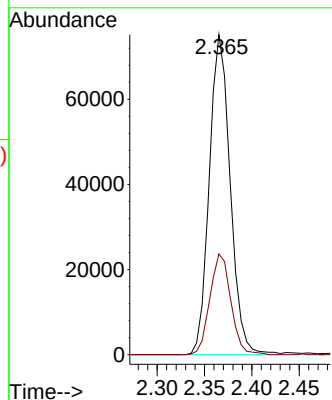
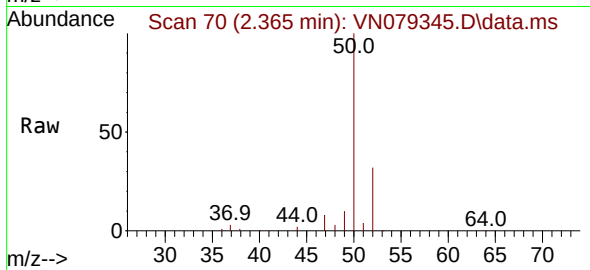
#3
Chloromethane
Concen: 51.104 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 115300
Ion Ratio Lower Upper
50 100
52 31.5 26.5 39.7

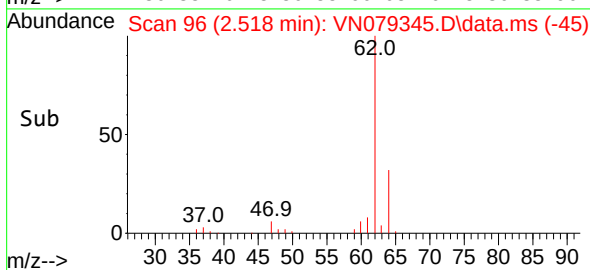
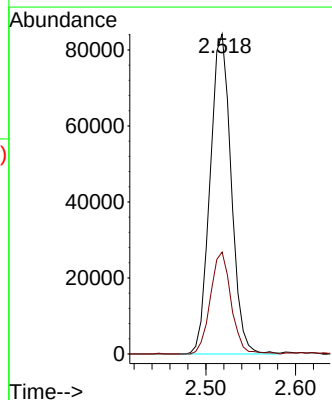
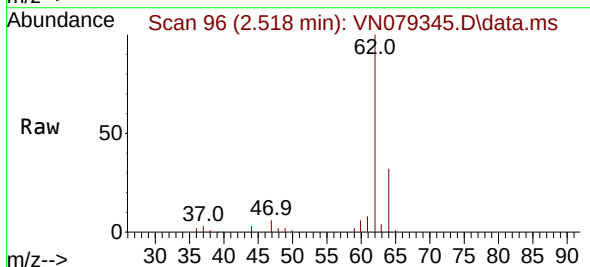
Manual Integrations
APPROVED

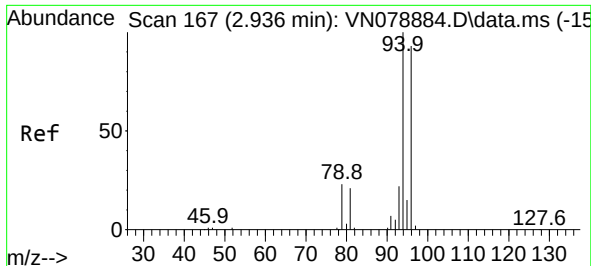
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#4
Vinyl Chloride
Concen: 55.822 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

Tgt Ion: 62 Resp: 137235
Ion Ratio Lower Upper
62 100
64 31.9 26.2 39.2





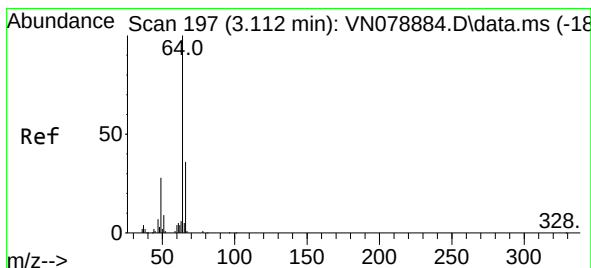
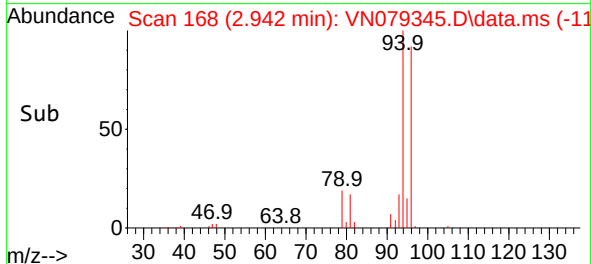
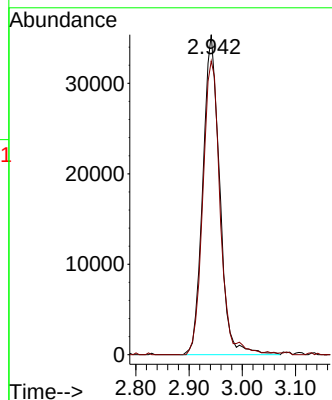
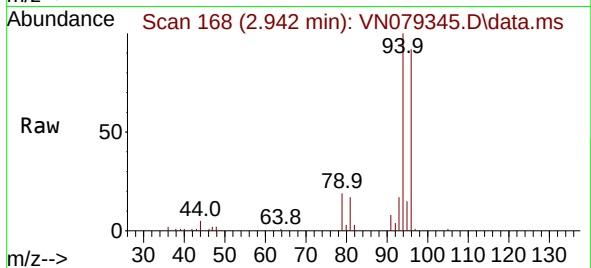
#5
Bromomethane
Concen: 54.959 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 94 Resp: 77664
Ion Ratio Lower Upper
94 100
96 91.8 73.1 109.7

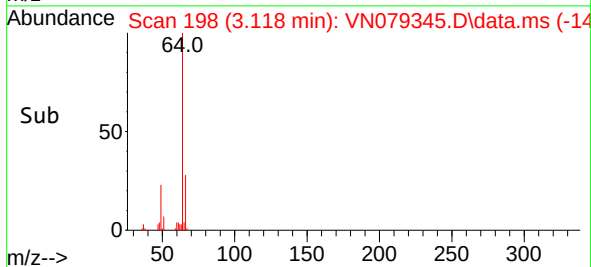
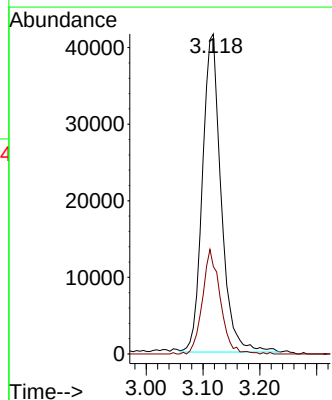
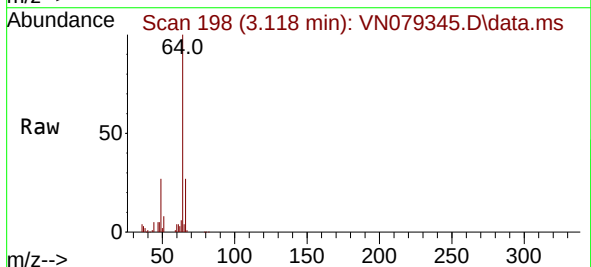
Manual Integrations
APPROVED

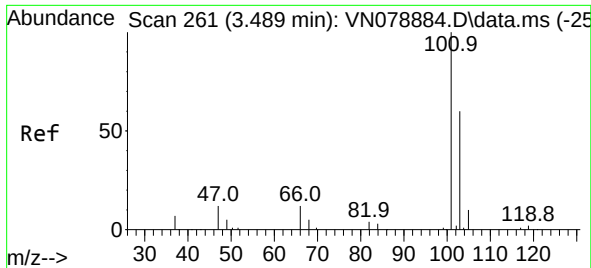
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#6
Chloroethane
Concen: 60.477 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

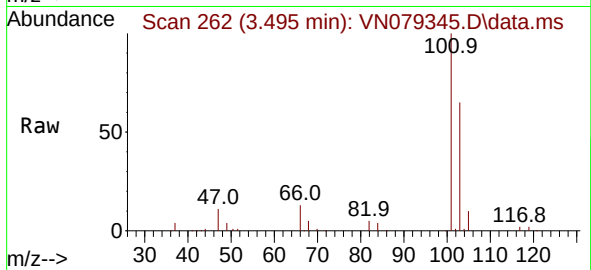
Tgt Ion: 64 Resp: 94774
Ion Ratio Lower Upper
64 100
66 27.5 25.4 38.2





#7
 Trichlorofluoromethane
 Concen: 52.678 ug/l
 RT: 3.495 min Scan# 261
 Delta R.T. -0.006 min
 Lab File: VN079345.D
 Acq: 26 Sep 2023 09:53

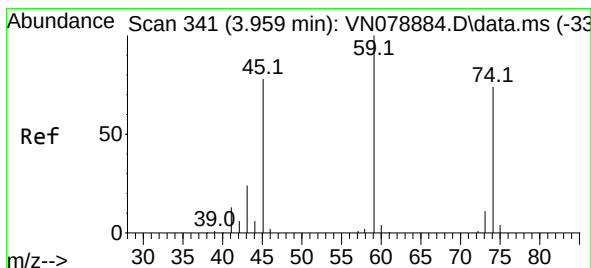
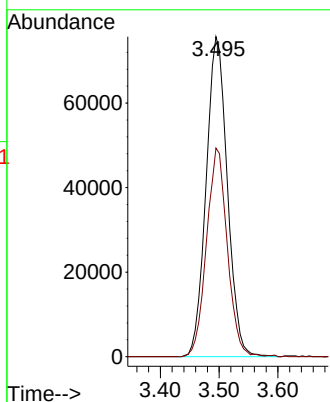
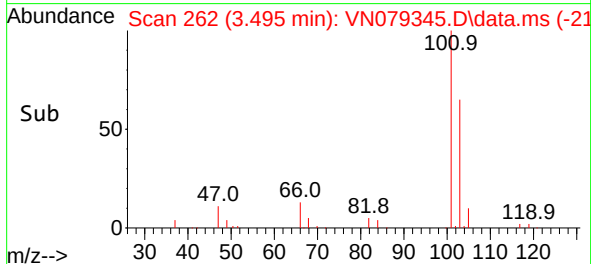
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion:101 Resp: 189640
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.7 76.1

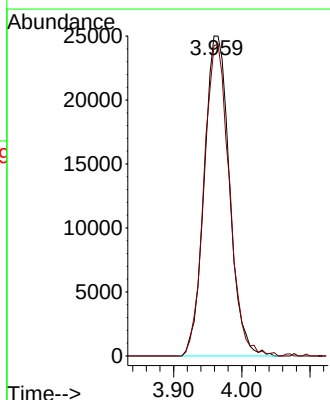
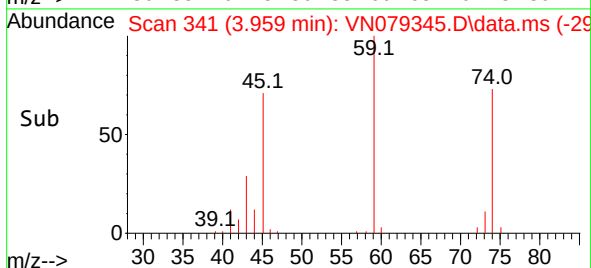
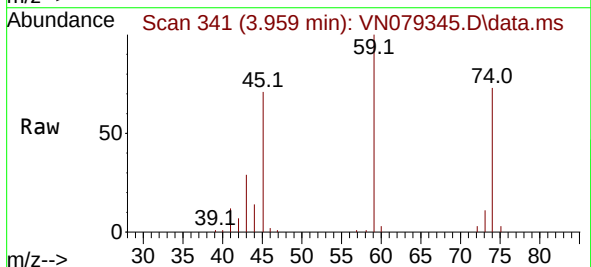
Manual Integrations
 APPROVED

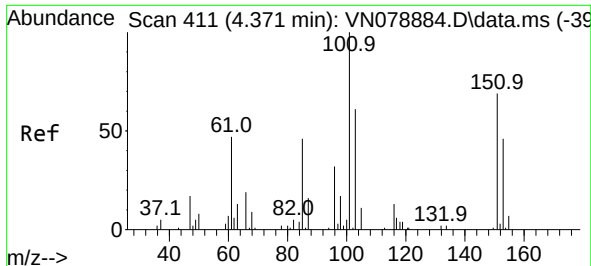
Reviewed By :John Carlone 09/27/2023
 Supervised By :Mahesh Dadoda 09/27/2023



#8
 Diethyl Ether
 Concen: 51.423 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.012 min
 Lab File: VN079345.D
 Acq: 26 Sep 2023 09:53

Tgt Ion: 74 Resp: 64254
 Ion Ratio Lower Upper
 74 100
 45 98.2 34.4 103.3





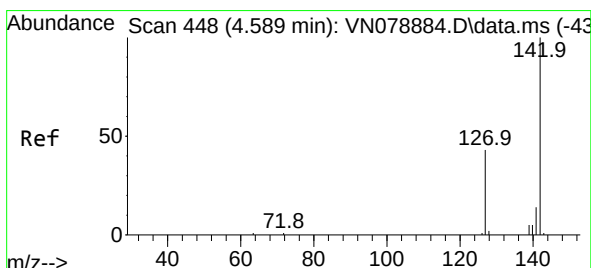
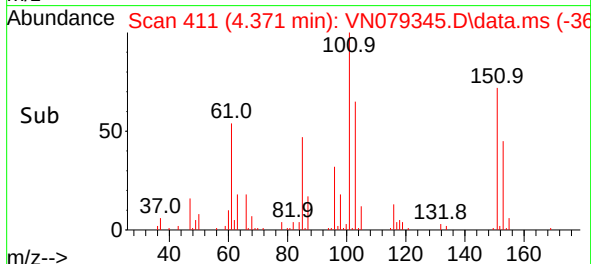
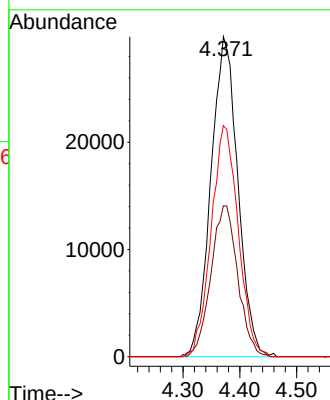
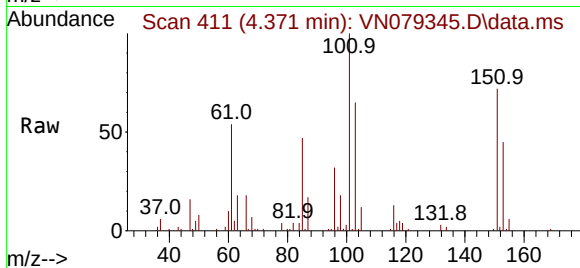
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.305 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 98225
Ion Ratio Lower Upper
101 100
85 47.1 36.6 55.0
151 72.6 57.6 86.4

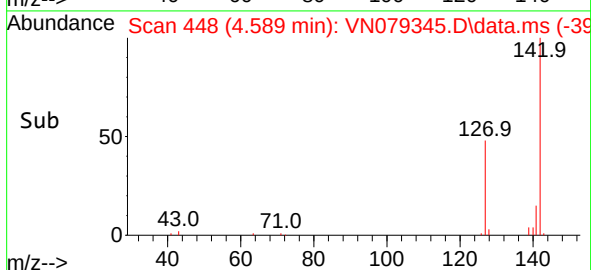
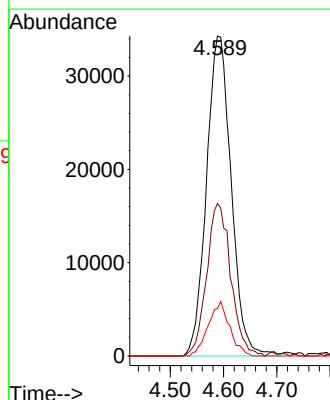
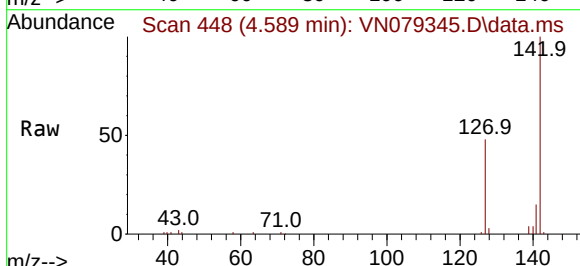
Manual Integrations
APPROVED

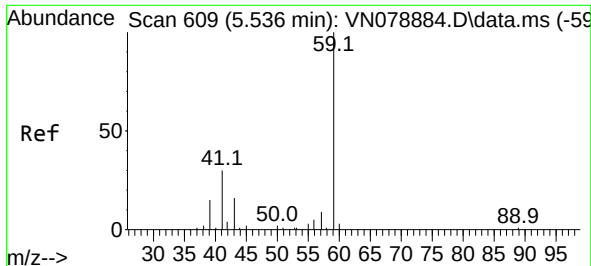
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#10
Methyl Iodide
Concen: 70.554 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

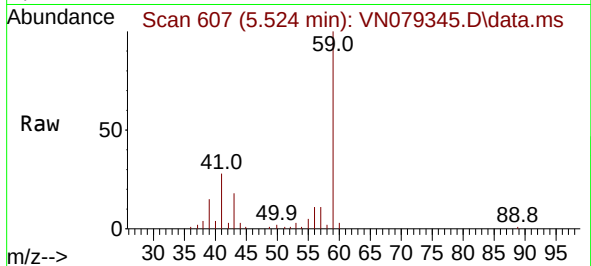
Tgt Ion:142 Resp: 110494
Ion Ratio Lower Upper
142 100
127 47.6 37.6 56.4
141 14.8 11.4 17.0





#11
Tert butyl alcohol
Concen: 197.561 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

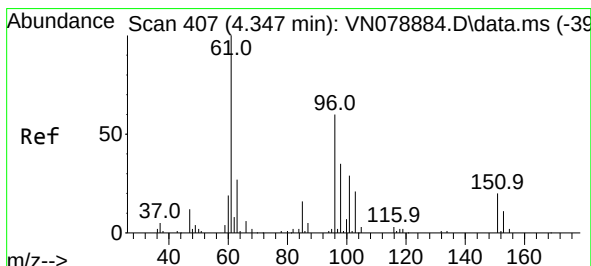
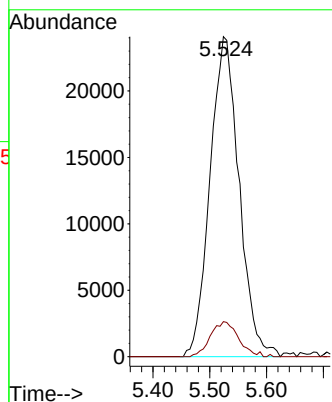
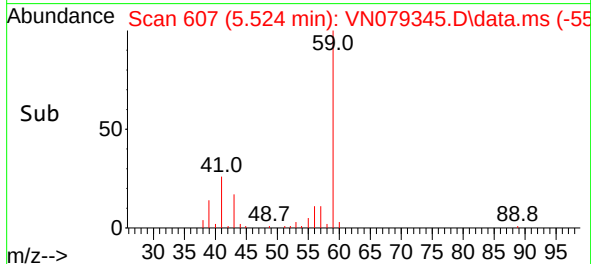
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 85528
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4

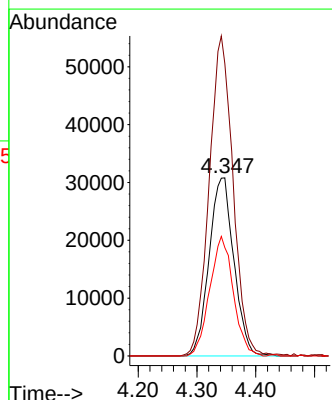
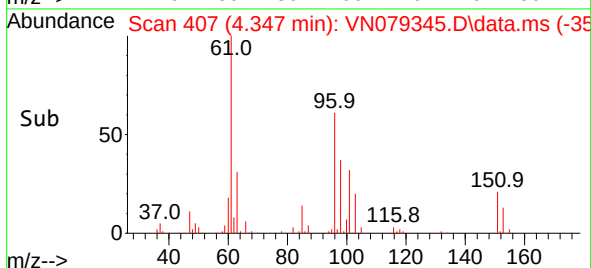
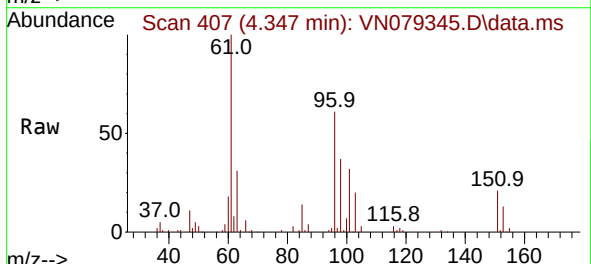
Manual Integrations
APPROVED

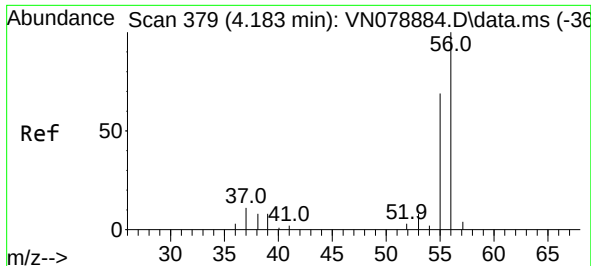
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#12
1,1-Dichloroethene
Concen: 48.718 ug/l
RT: 4.347 min Scan# 407
Delta R.T. -0.001 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

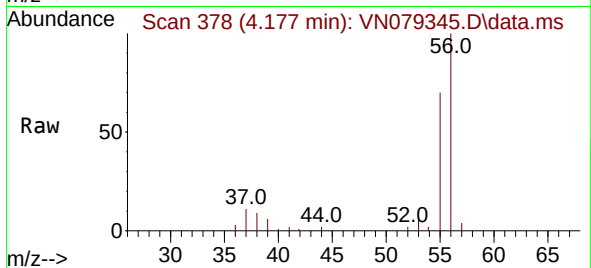
Tgt Ion: 96 Resp: 90260
Ion Ratio Lower Upper
96 100
61 164.2 112.7 169.1
98 60.8 51.2 76.8





#13
Acrolein
Concen: 291.419 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.018 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

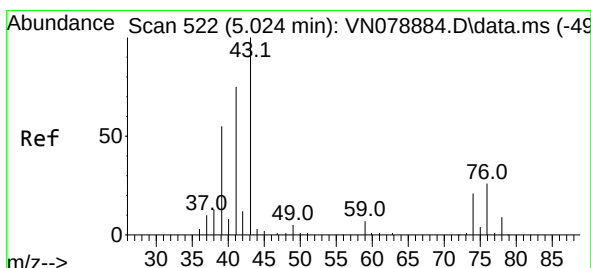
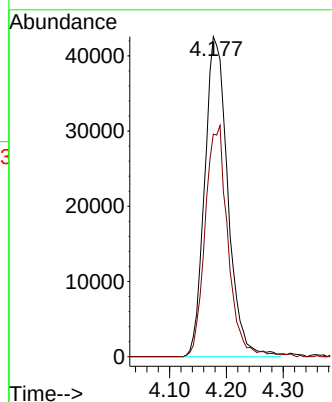
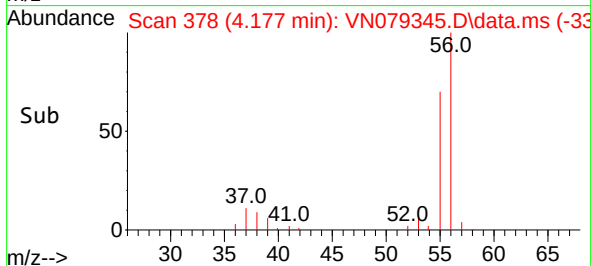
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



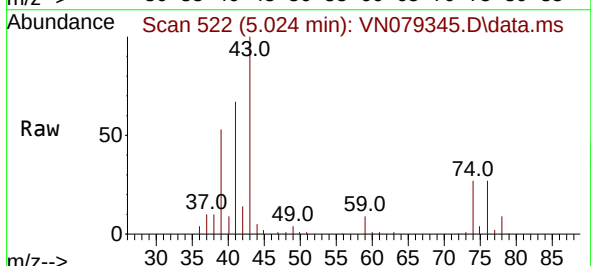
Tgt Ion: 56 Resp: 120344
Ion Ratio Lower Upper
56 100
55 71.3 54.5 81.7

Manual Integrations
APPROVED

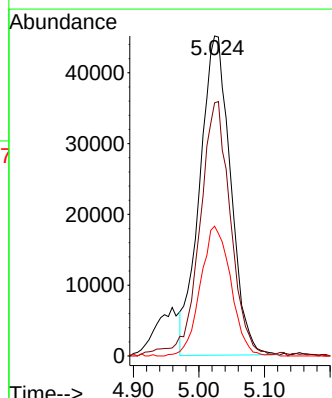
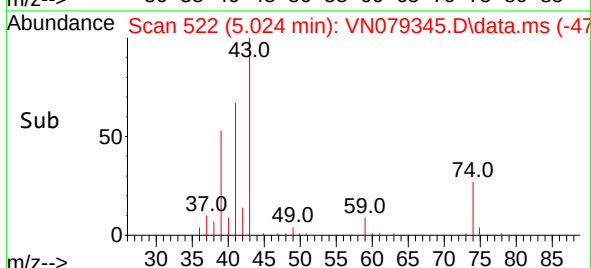
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

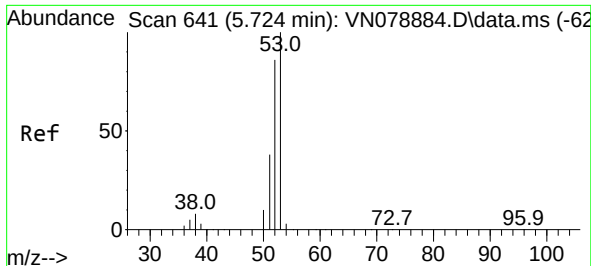


#14
Allyl chloride
Concen: 49.848 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53



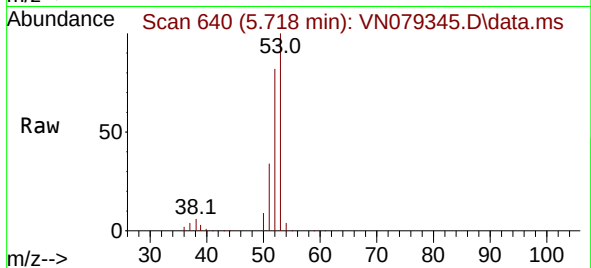
Tgt Ion: 41 Resp: 147322
Ion Ratio Lower Upper
41 100
39 79.7 58.8 88.2
76 40.0 39.1 58.7





#15
Acrylonitrile
Concen: 263.787 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.012 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

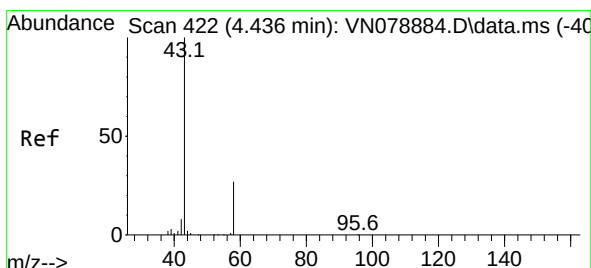
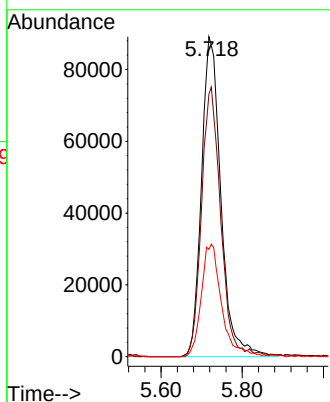
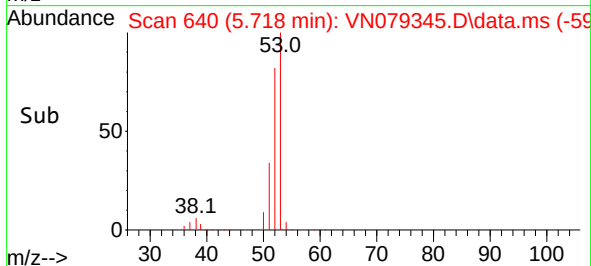
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 29611
Ion Ratio Lower Upper
53 100
52 81.9 65.3 97.9
51 36.6 28.9 43.3

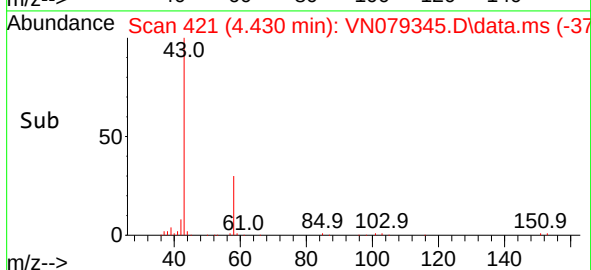
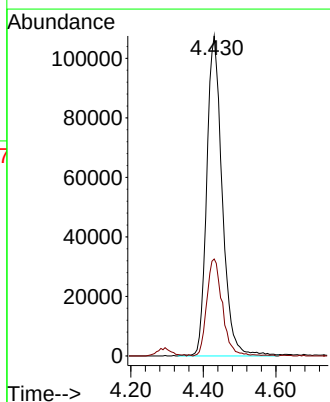
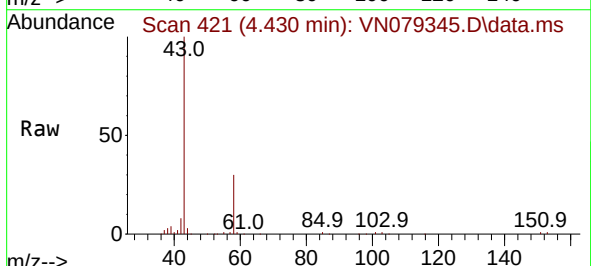
Manual Integrations
APPROVED

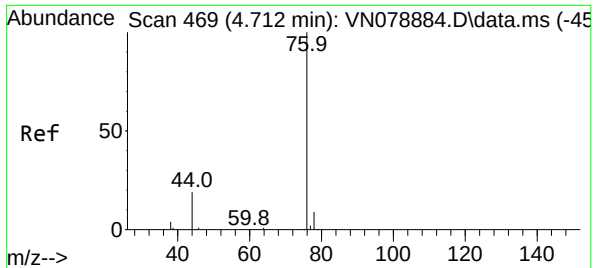
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#16
Acetone
Concen: 320.514 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

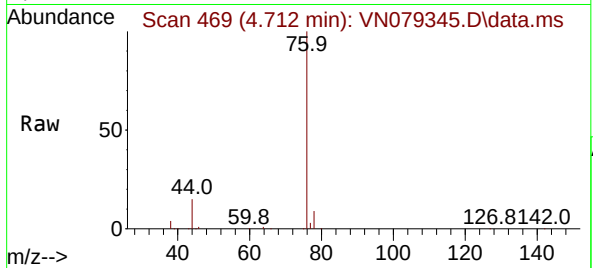
Tgt Ion: 43 Resp: 319198
Ion Ratio Lower Upper
43 100
58 30.3 28.0 42.0





#17
Carbon Disulfide
Concen: 39.800 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

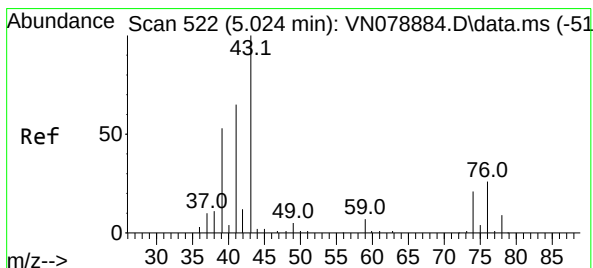
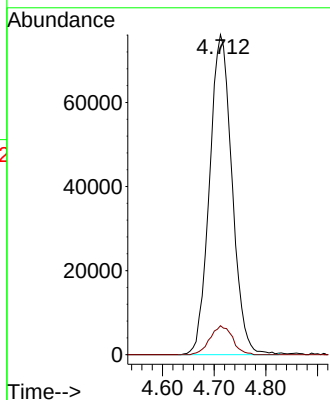
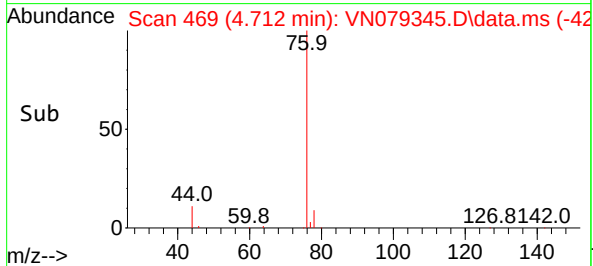
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



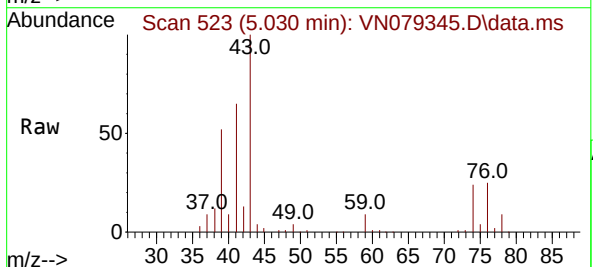
Tgt Ion: 76 Resp: 230459
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0

Manual Integrations
APPROVED

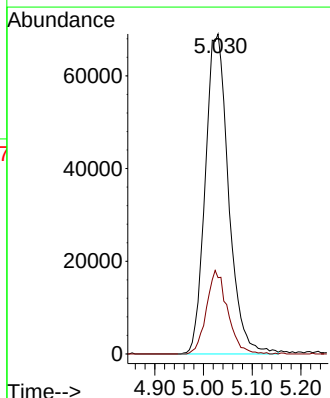
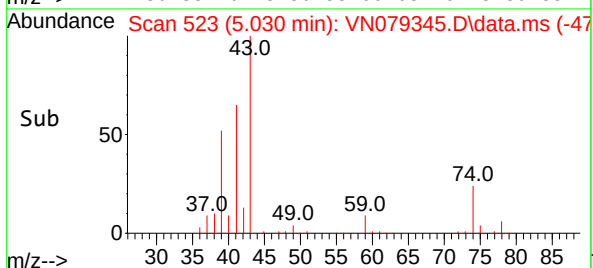
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

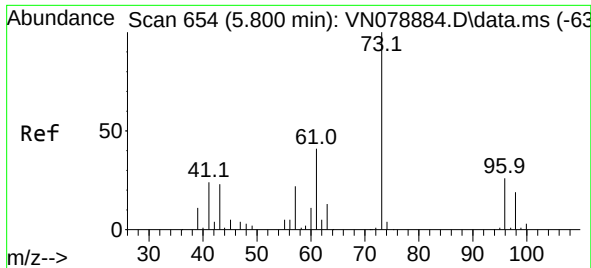


#18
Methyl Acetate
Concen: 55.980 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.012 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53



Tgt Ion: 43 Resp: 229126
Ion Ratio Lower Upper
43 100
74 23.7 26.2 39.4#





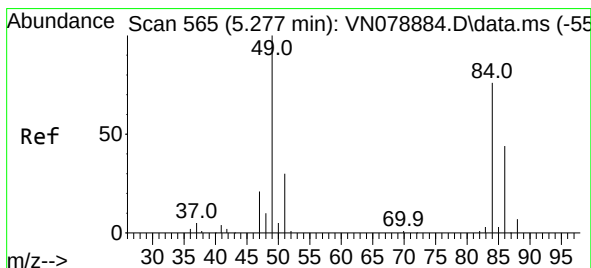
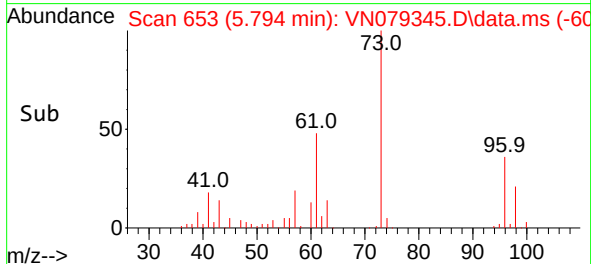
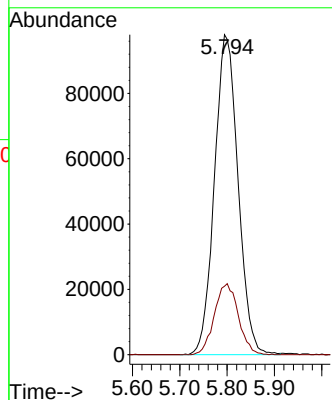
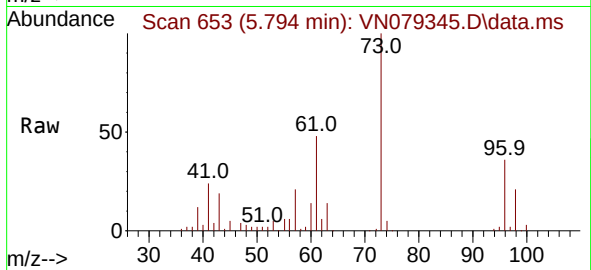
#19
Methyl tert-butyl Ether
Concen: 53.358 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.024 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 33903
Ion Ratio Lower Upper
73 100
57 21.4 15.6 23.4

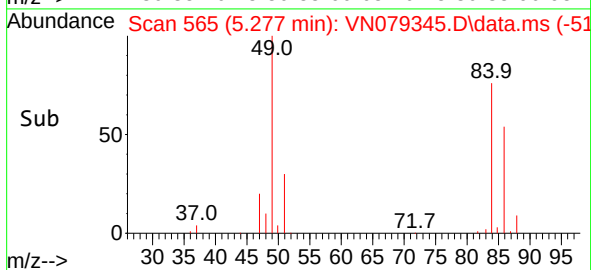
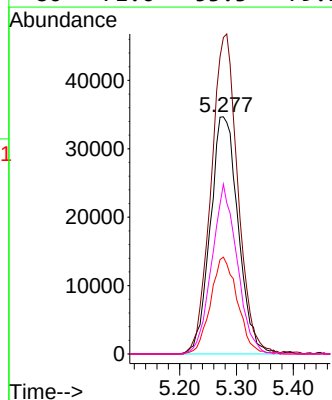
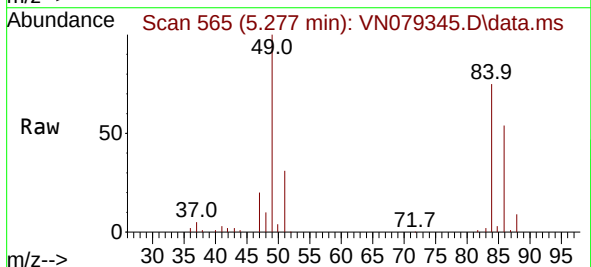
Manual Integrations
APPROVED

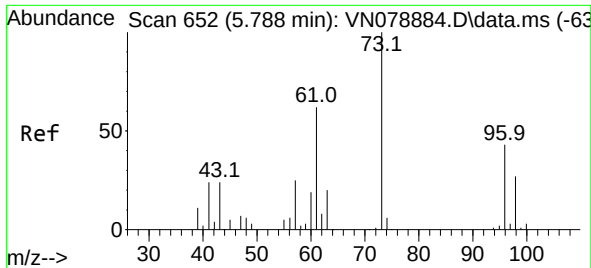
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#20
Methylene Chloride
Concen: 48.791 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

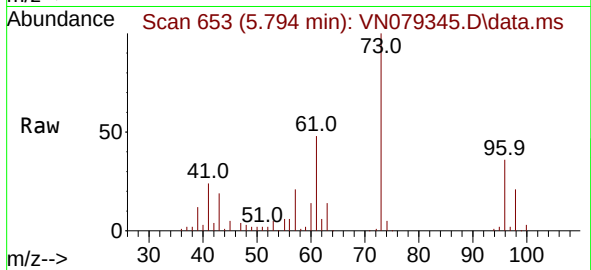
Tgt Ion: 84 Resp: 118246
Ion Ratio Lower Upper
84 100
49 133.5 79.7 119.5#
51 40.8 25.2 37.8#
86 71.6 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 48.690 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

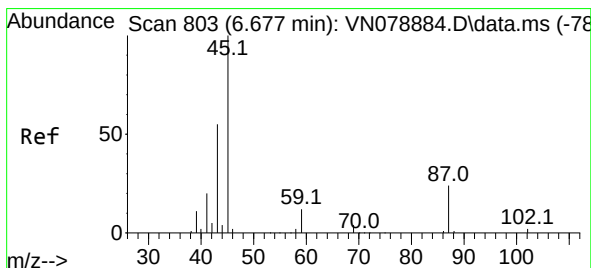
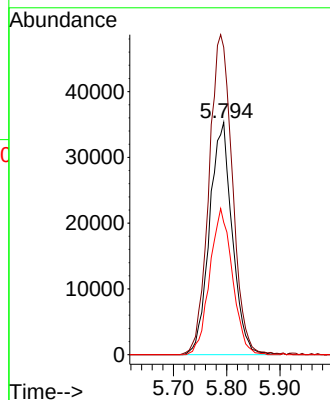
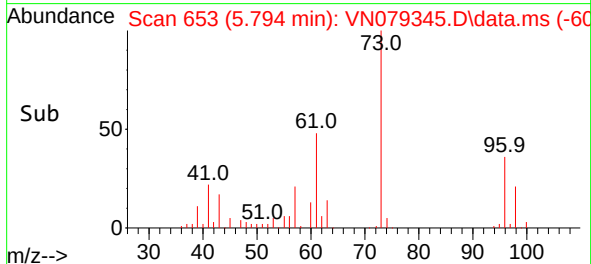
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 10464
Ion Ratio Lower Upper
96 100
61 132.3 90.1 135.1
98 56.9 46.4 69.6

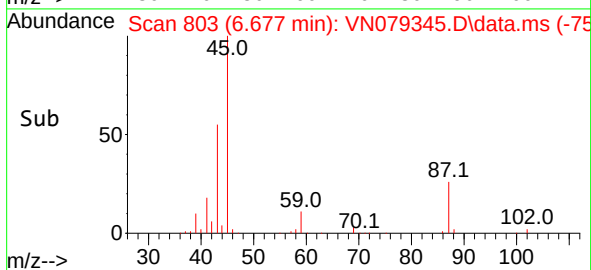
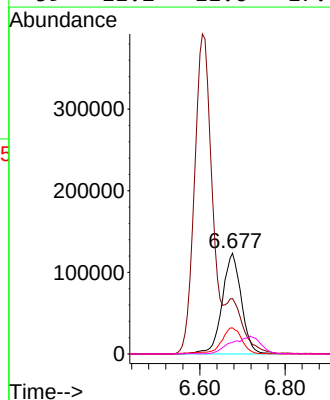
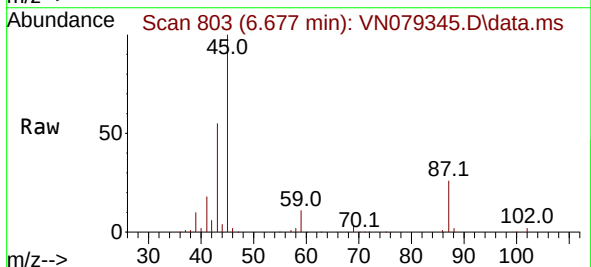
Manual Integrations
APPROVED

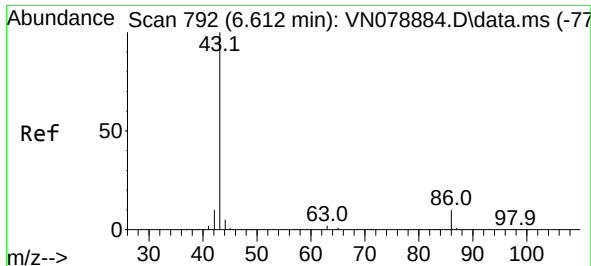
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#22
Diisopropyl ether
Concen: 59.470 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

Tgt Ion: 45 Resp: 385643
Ion Ratio Lower Upper
45 100
43 54.0 45.5 68.3
87 25.7 31.8 47.8#
59 11.2 11.6 17.4#





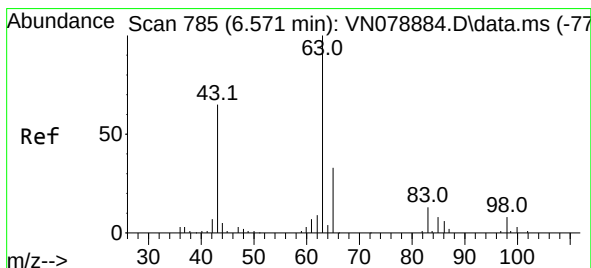
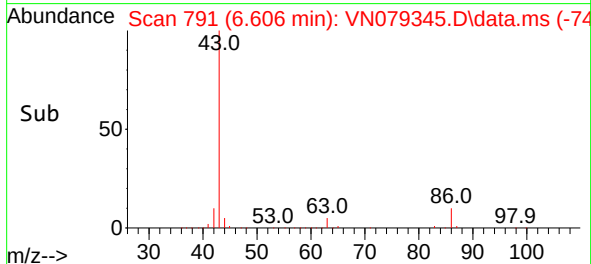
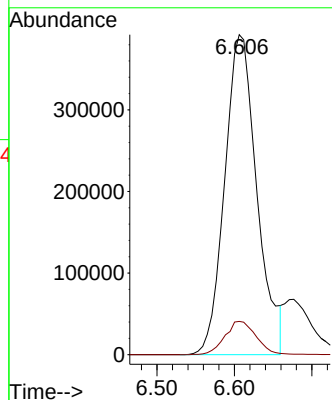
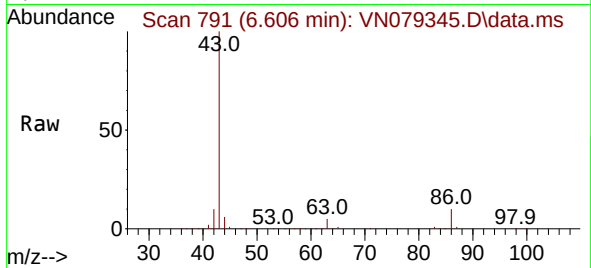
#23
 Vinyl Acetate
 Concen: 284.418 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079345.D
 Acq: 26 Sep 2023 09:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 113442
 Ion Ratio Lower Upper
 43 100
 86 10.4 13.0 19.6

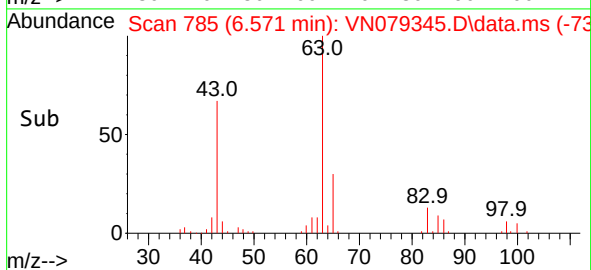
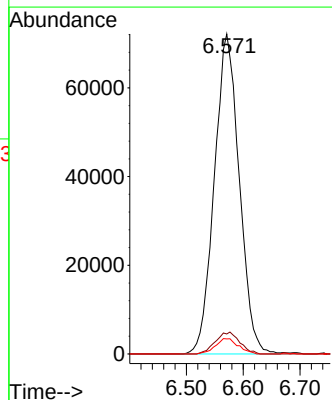
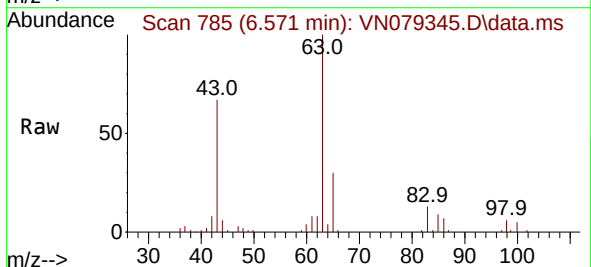
Manual Integrations
 APPROVED

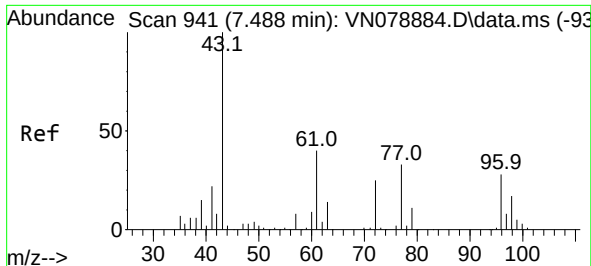
Reviewed By :John Carlone 09/27/2023
 Supervised By :Mahesh Dadoda 09/27/2023



#24
 1,1-Dichloroethane
 Concen: 55.017 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079345.D
 Acq: 26 Sep 2023 09:53

Tgt Ion: 63 Resp: 219928
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.9 11.7
 100 4.7 2.5 7.4





#25

2-Butanone

Concen: 287.569 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN079345.D

Acq: 26 Sep 2023 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 415528

Ion Ratio Lower Upper

43 100

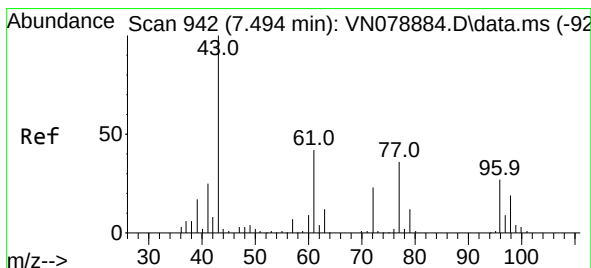
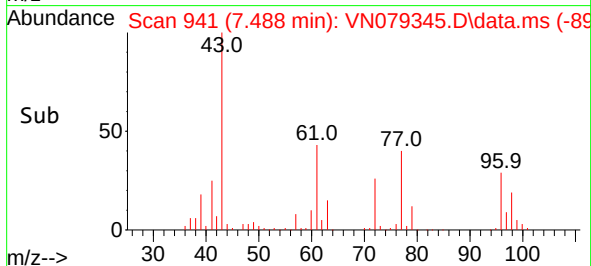
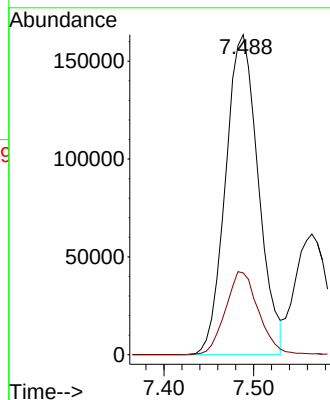
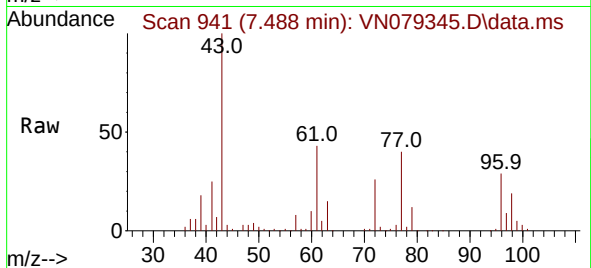
72 25.6 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#26

2,2-Dichloropropane

Concen: 56.457 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.006 min

Lab File: VN079345.D

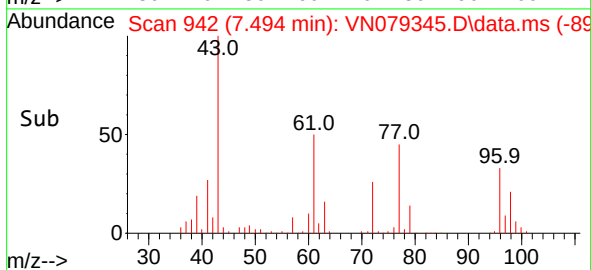
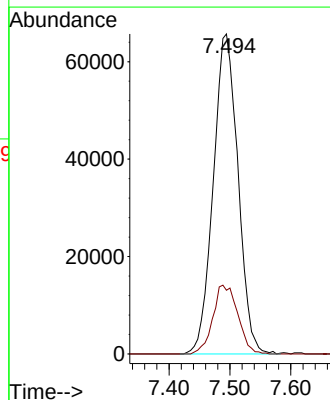
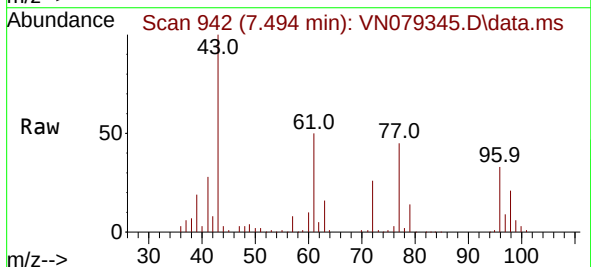
Acq: 26 Sep 2023 09:53

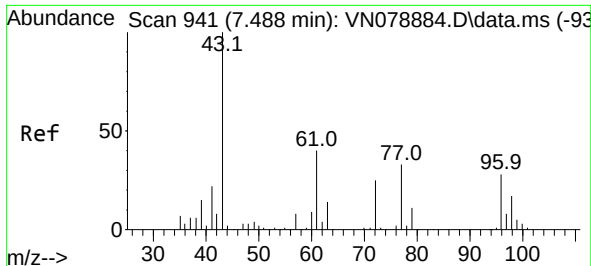
Tgt Ion: 77 Resp: 185202

Ion Ratio Lower Upper

77 100

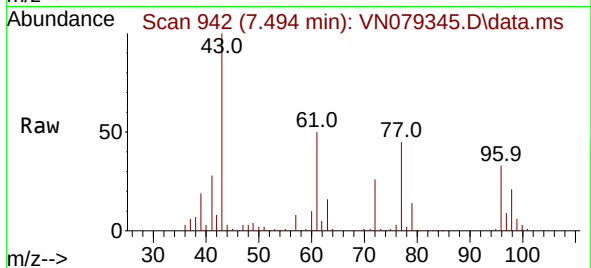
97 21.7 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 52.552 ug/l
 RT: 7.494 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN079345.D
 Acq: 26 Sep 2023 09:53

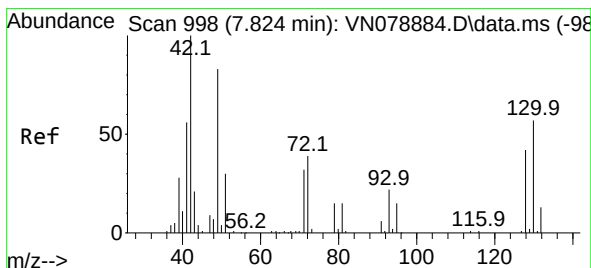
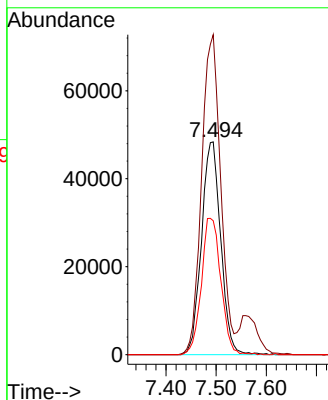
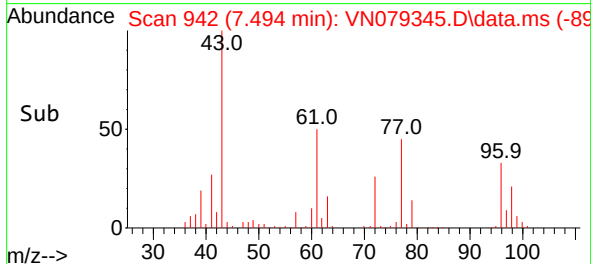
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 12914
 Ion Ratio Lower Upper
 96 100
 61 148.5 0.0 255.2
 98 64.8 0.0 128.8

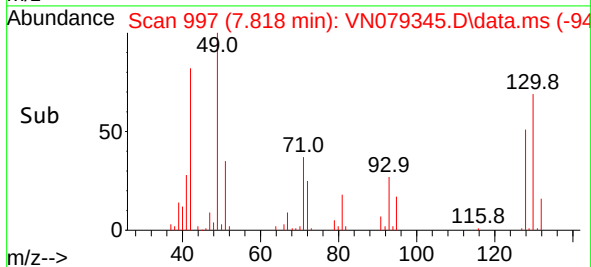
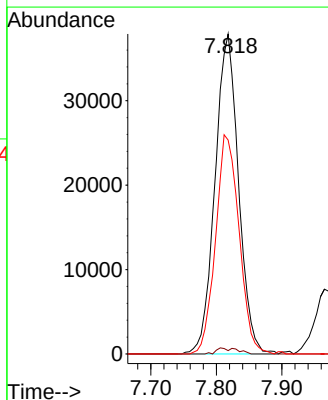
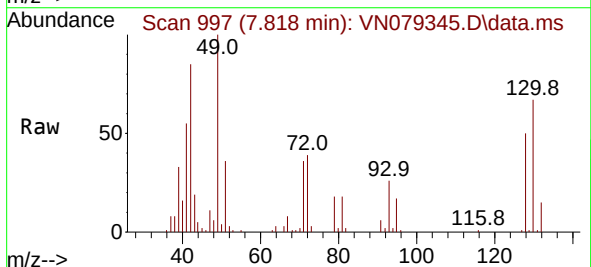
Manual Integrations
 APPROVED

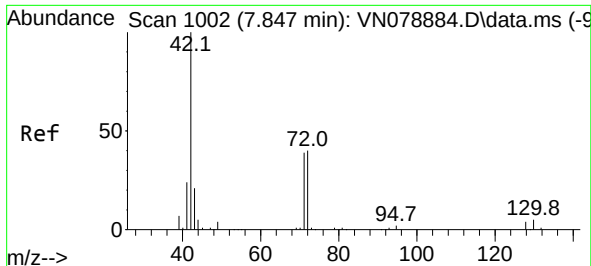
Reviewed By :John Carlone 09/27/2023
 Supervised By :Mahesh Dadoda 09/27/2023



#28
 Bromochloromethane
 Concen: 52.155 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. -0.006 min
 Lab File: VN079345.D
 Acq: 26 Sep 2023 09:53

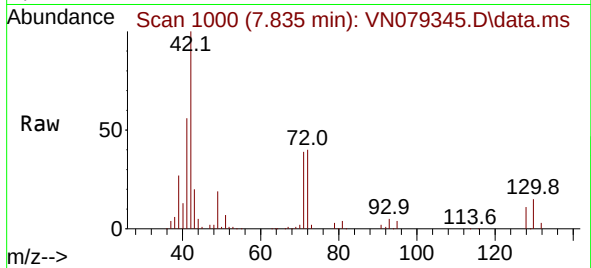
Tgt Ion: 49 Resp: 94265
 Ion Ratio Lower Upper
 49 100
 129 0.9 0.0 4.8
 130 68.4 75.3 112.9#





#29
Tetrahydrofuran
Concen: 278.327 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. -0.012 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

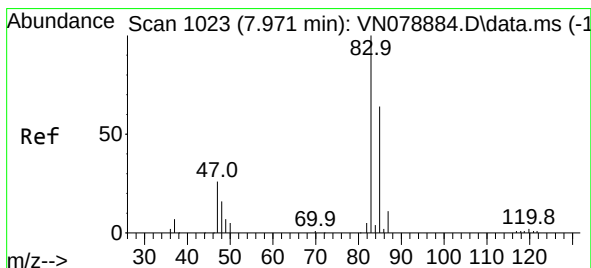
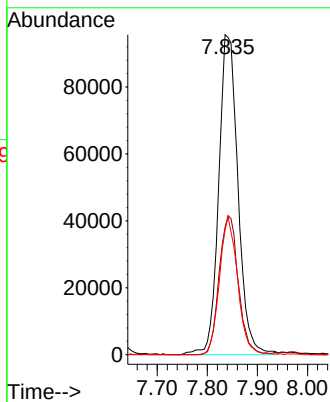
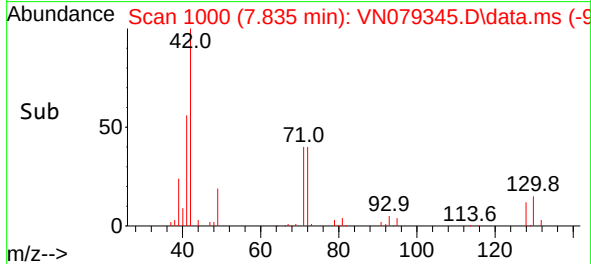
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 25593
Ion Ratio Lower Upper
42 100
72 43.0 49.8 74.6
71 40.5 47.4 71.2

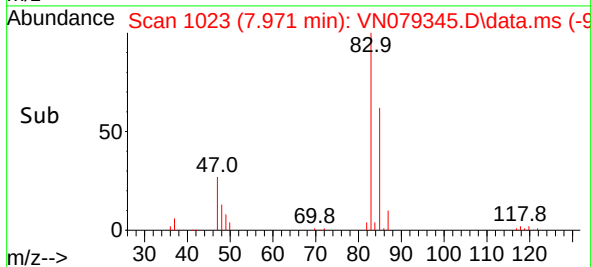
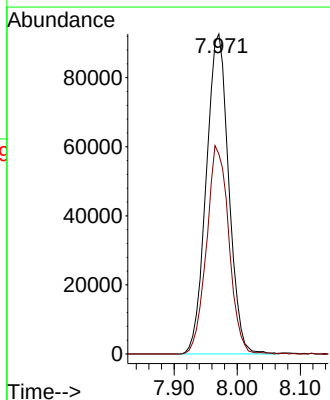
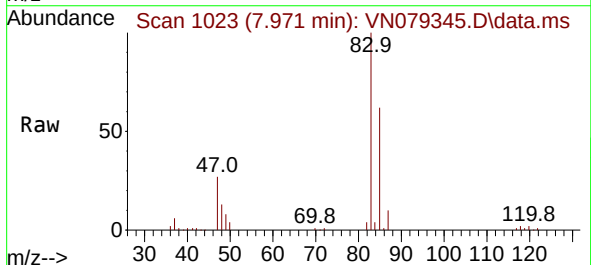
Manual Integrations
APPROVED

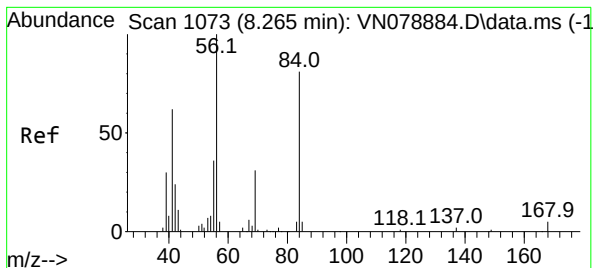
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#30
Chloroform
Concen: 55.001 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

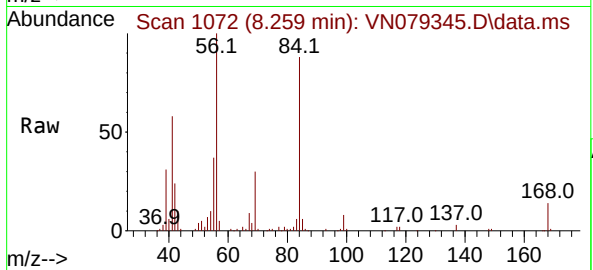
Tgt Ion: 83 Resp: 228917
Ion Ratio Lower Upper
83 100
85 62.5 55.4 83.0





#31
Cyclohexane
Concen: 49.385 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

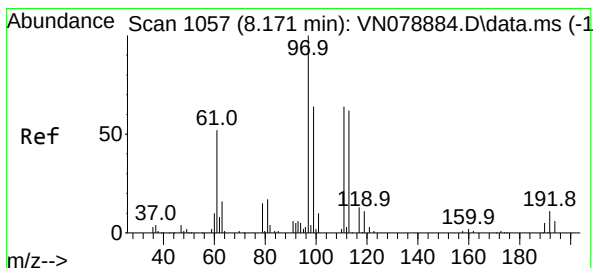
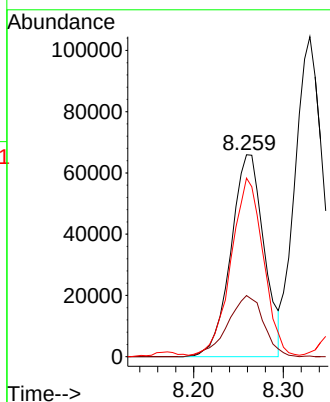
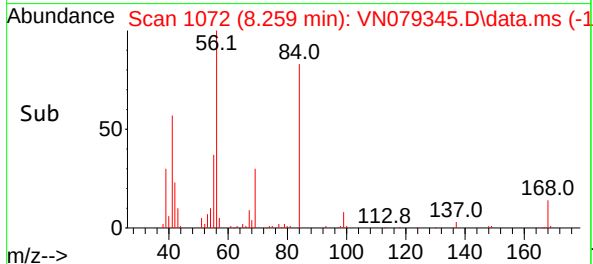
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



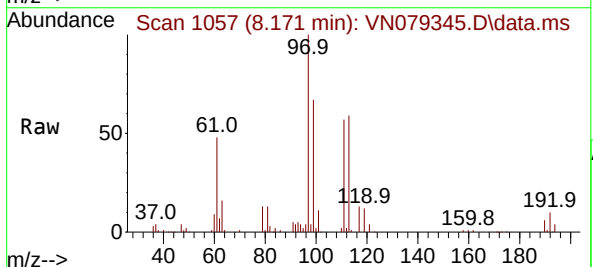
Tgt Ion: 56 Resp: 169089
Ion Ratio Lower Upper
56 100
69 30.2 26.8 40.2
84 87.3 81.8 122.6

Manual Integrations
APPROVED

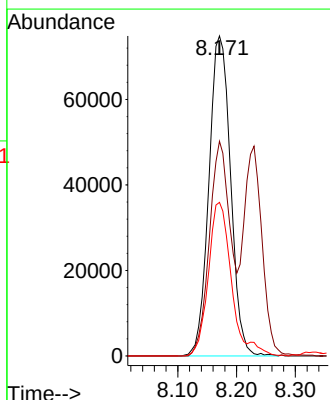
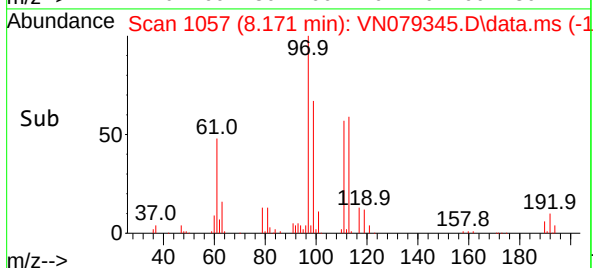
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

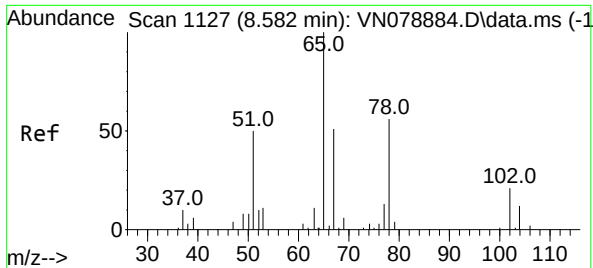


#32
1,1,1-Trichloroethane
Concen: 54.060 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53



Tgt Ion: 97 Resp: 191796
Ion Ratio Lower Upper
97 100
99 65.0 50.3 75.5
61 51.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 54.519 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079345.D

Acq: 26 Sep 2023 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 12784

Ion Ratio Lower Upper

65 100

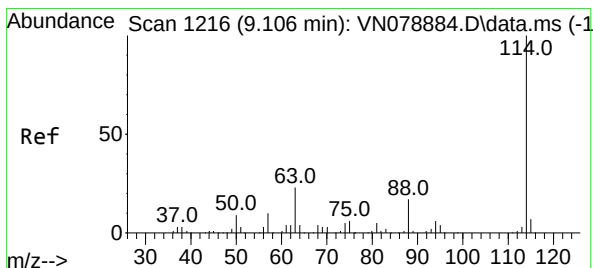
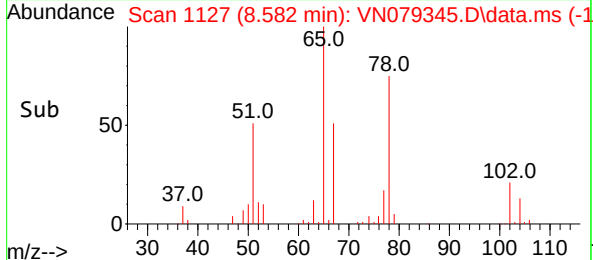
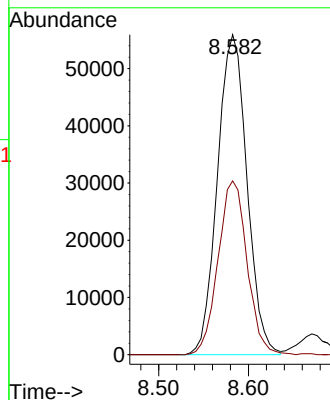
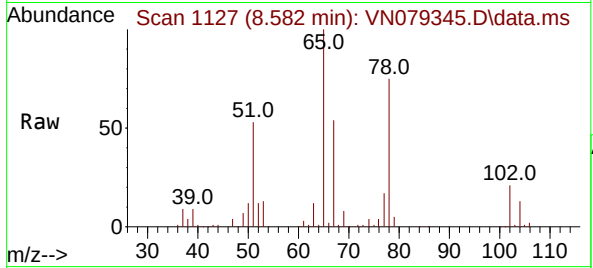
67 53.3 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079345.D

Acq: 26 Sep 2023 09:53

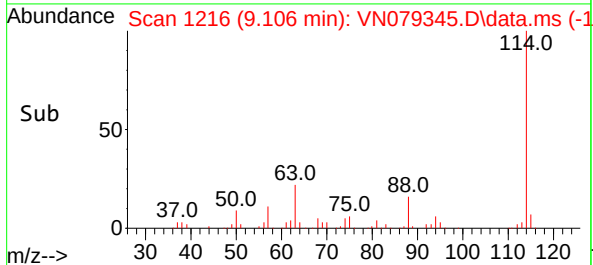
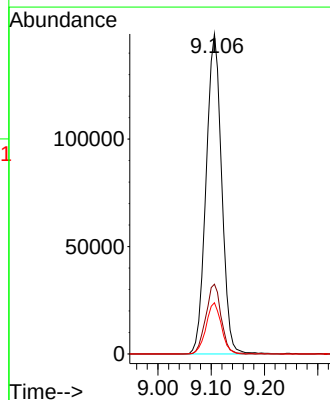
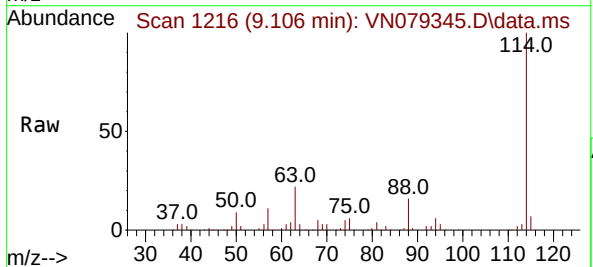
Tgt Ion:114 Resp: 301485

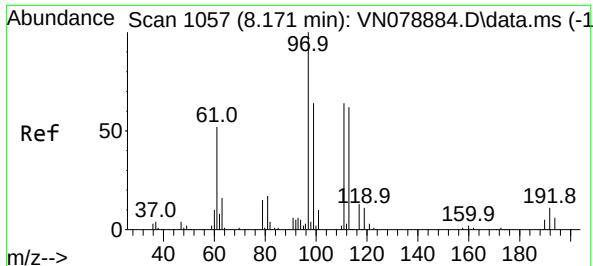
Ion Ratio Lower Upper

114 100

63 21.8 0.0 36.4

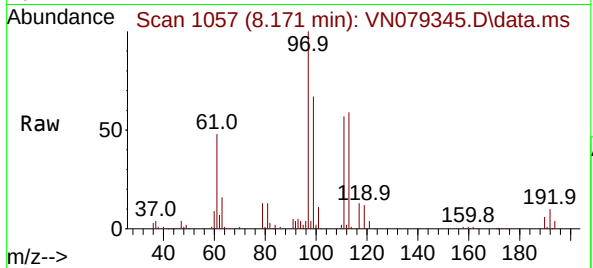
88 16.0 0.0 30.6





#35
Dibromofluoromethane
Concen: 51.011 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

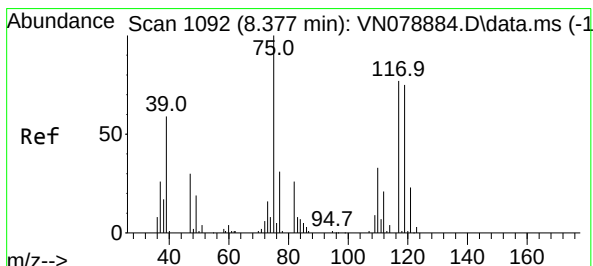
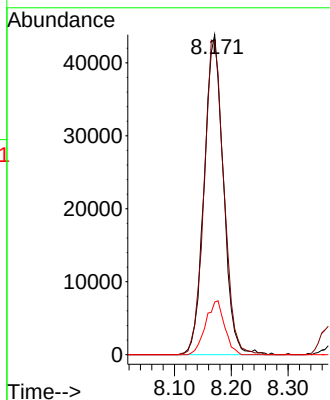
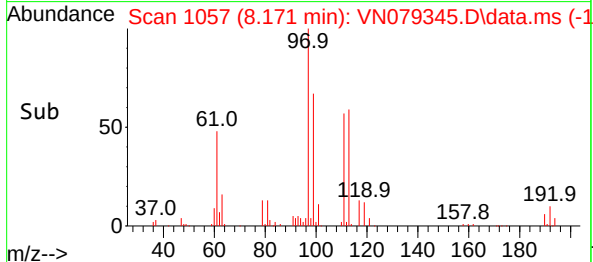
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 113 Resp: 102298
Ion Ratio Lower Upper
113 100
111 101.4 82.6 123.8
192 16.7 12.7 19.1

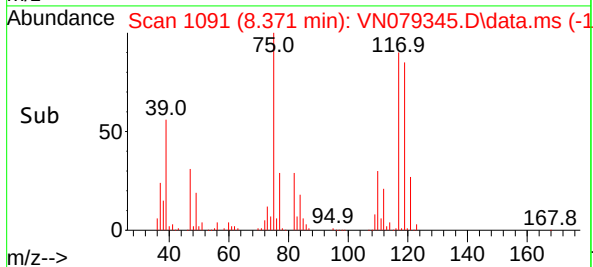
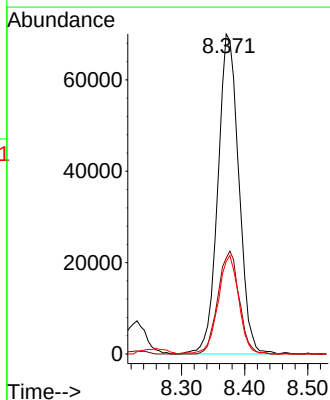
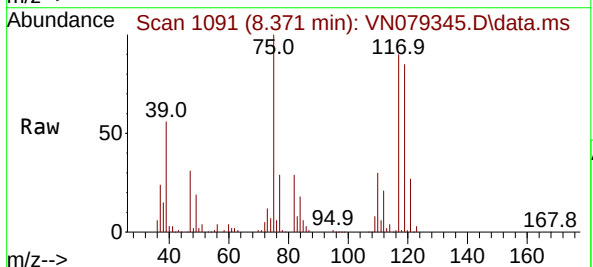
Manual Integrations
APPROVED

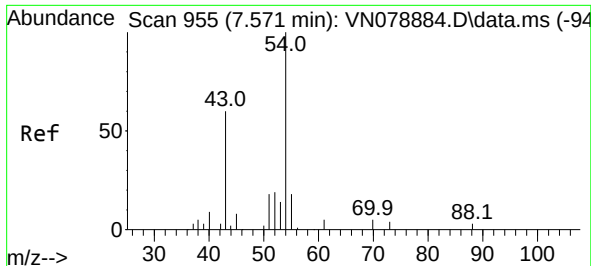
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#36
1,1-Dichloropropene
Concen: 52.187 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

Tgt Ion: 75 Resp: 161317
Ion Ratio Lower Upper
75 100
110 32.4 19.1 57.3
77 30.4 25.0 37.4





#37

Ethyl Acetate

Concen: 52.346 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN079345.D

Acq: 26 Sep 2023 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 16138

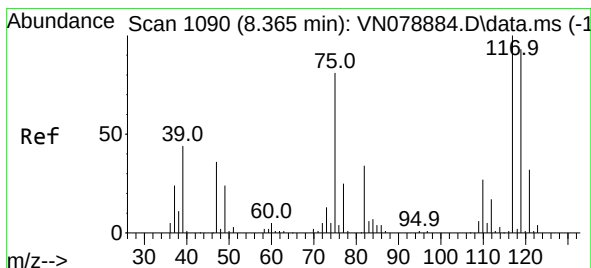
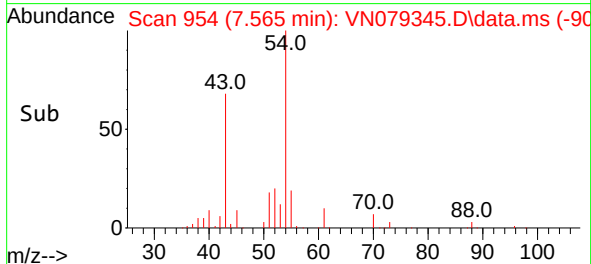
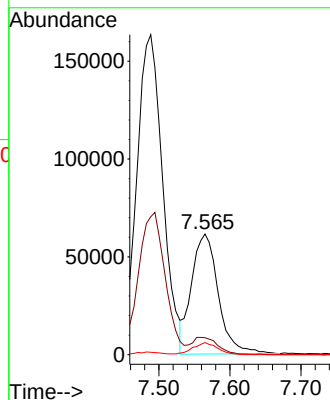
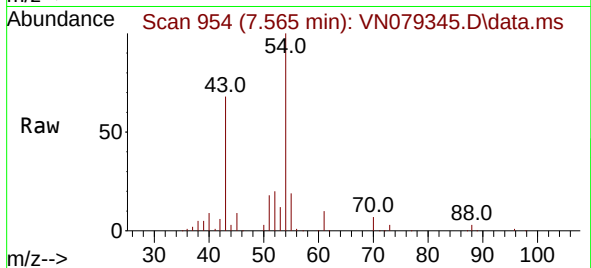
Ion	Ratio	Lower	Upper
43	100		
61	13.6	13.2	19.8
70	9.2	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#38

Carbon Tetrachloride

Concen: 50.394 ug/l

RT: 8.365 min Scan# 1090

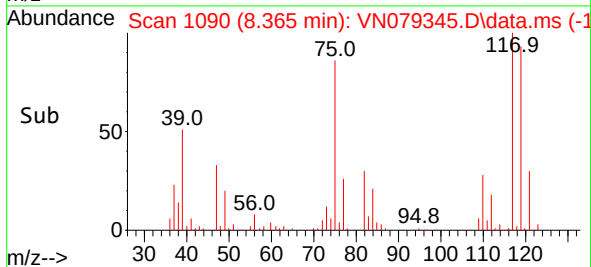
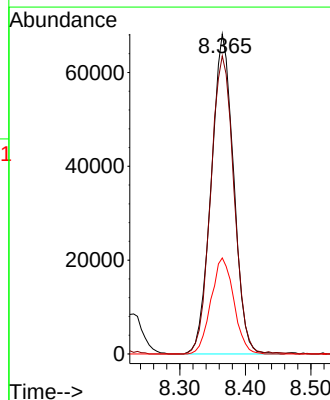
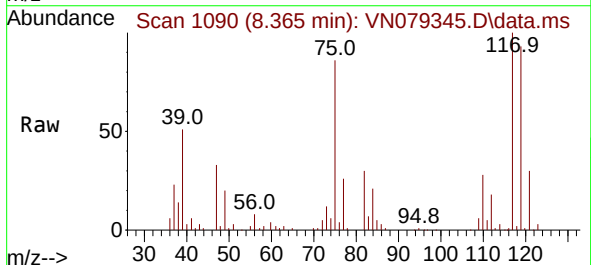
Delta R.T. -0.006 min

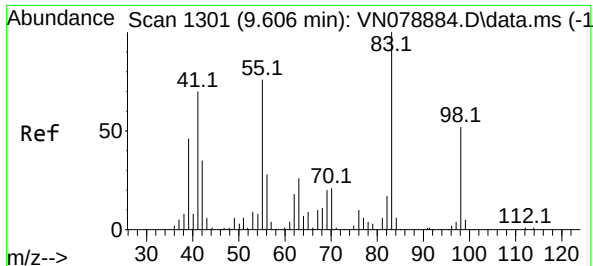
Lab File: VN079345.D

Acq: 26 Sep 2023 09:53

Tgt Ion:117 Resp: 161201

Ion	Ratio	Lower	Upper
117	100		
119	93.1	77.3	115.9
121	30.0	23.3	34.9





#39

Methylcyclohexane

Concen: 52.259 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN079345.D

Acq: 26 Sep 2023 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 15934

Ion Ratio Lower Upper

83 100

55 76.6 49.1 73.7

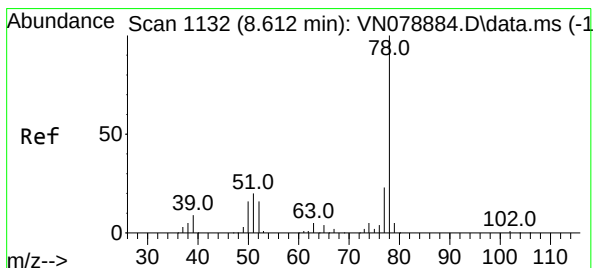
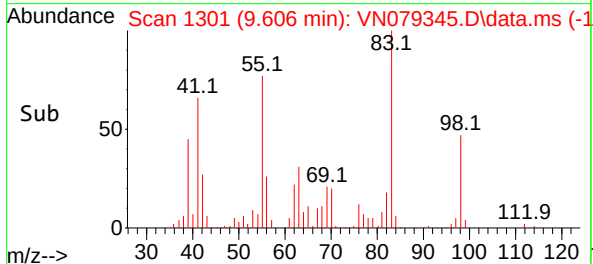
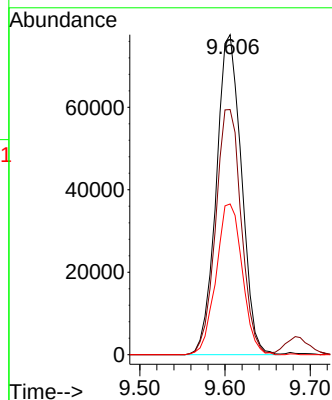
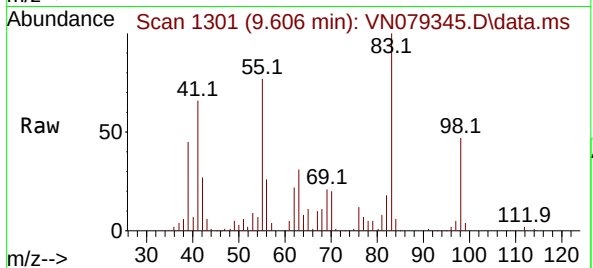
98 47.1 40.6 61.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#40

Benzene

Concen: 50.927 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VN079345.D

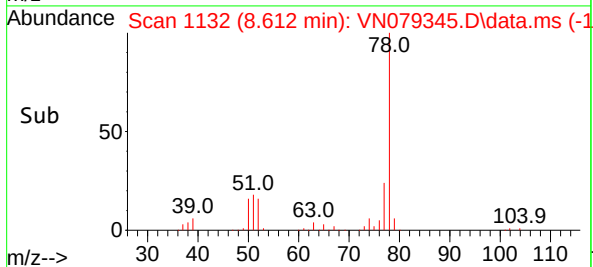
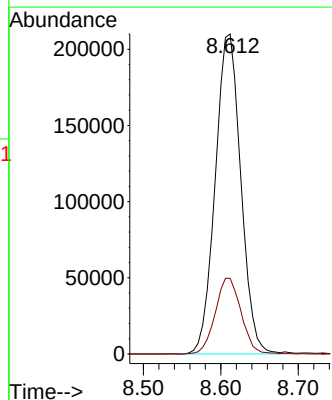
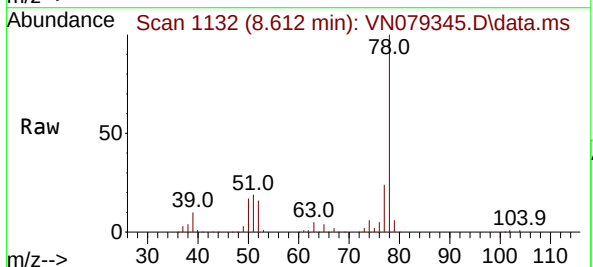
Acq: 26 Sep 2023 09:53

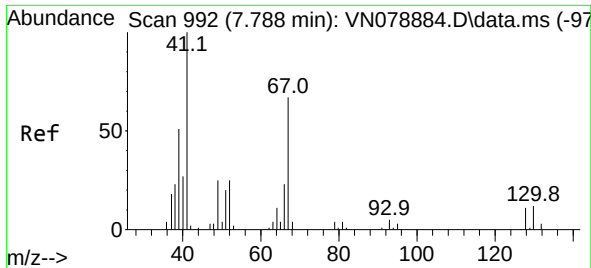
Tgt Ion: 78 Resp: 481905

Ion Ratio Lower Upper

78 100

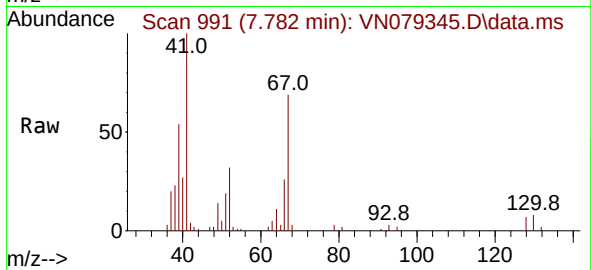
77 23.7 19.0 28.6





#41
Methacrylonitrile
Concen: 58.412 ug/l
RT: 7.782 min Scan# 991
Delta R.T. -0.012 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

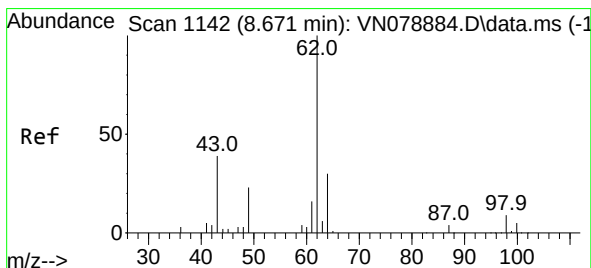
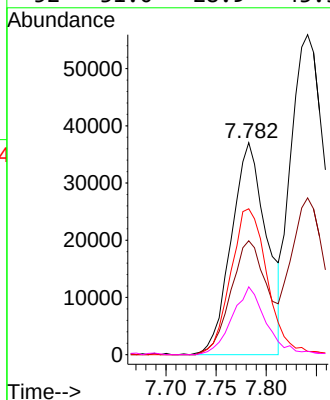
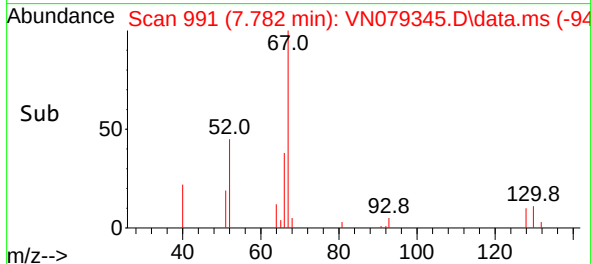
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41	Resp: 90804
Ion Ratio	Lower Upper
41 100	
39 55.8	42.6 64.0
67 71.9	77.5 116.3
52 31.0	28.9 43.3

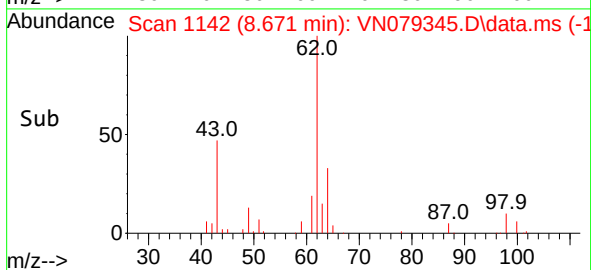
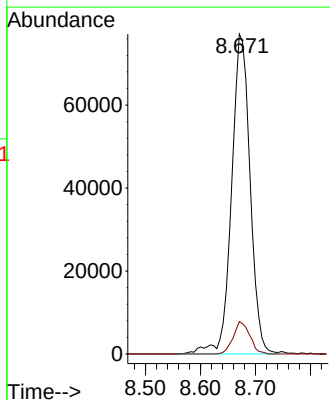
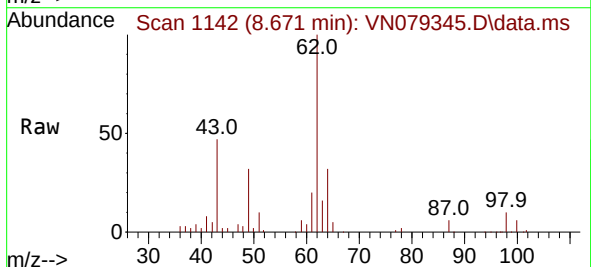
Manual Integrations
APPROVED

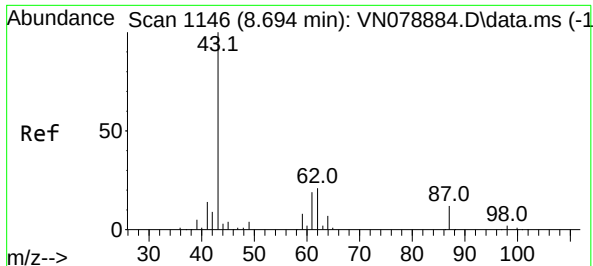
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#42
1,2-Dichloroethane
Concen: 55.454 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.006 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

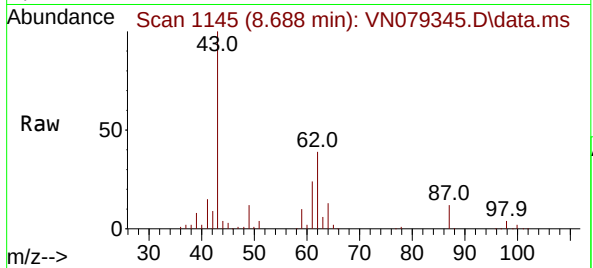
Tgt Ion: 62	Resp: 180649
Ion Ratio	Lower Upper
62 100	
98 9.0	0.0 19.8





#43
Isopropyl Acetate
Concen: 52.777 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

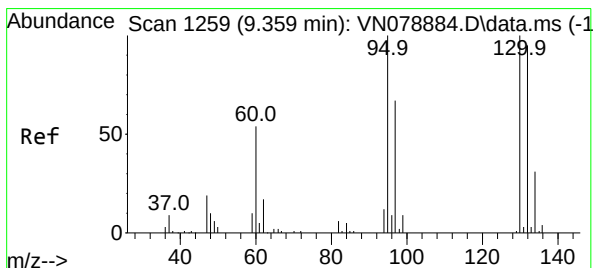
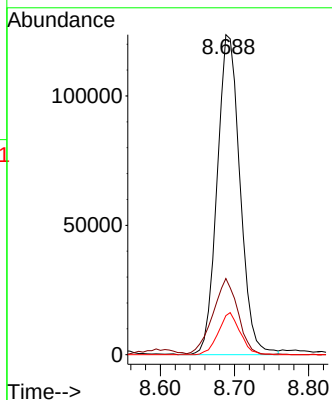
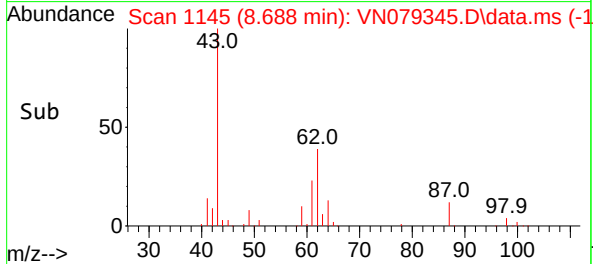
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



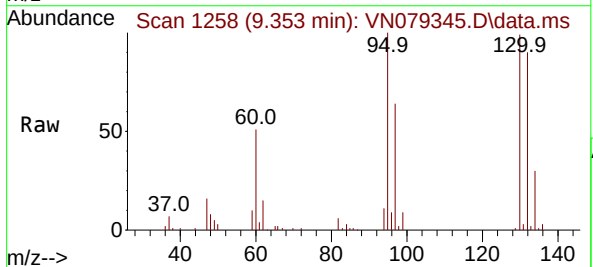
Tgt Ion: 43 Resp: 26550
Ion Ratio Lower Upper
43 100
61 25.7 24.7 37.1
87 12.4 14.6 21.8

Manual Integrations
APPROVED

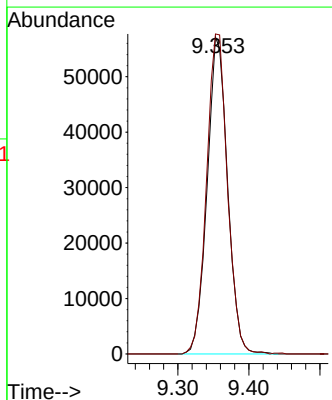
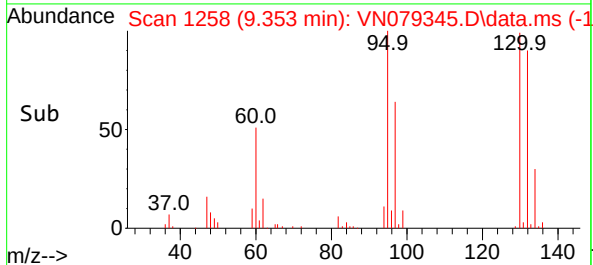
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

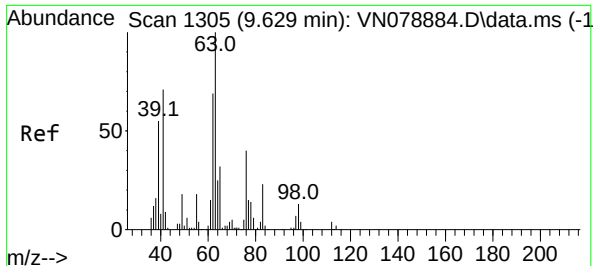


#44
Trichloroethene
Concen: 48.893 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53



Tgt Ion:130 Resp: 113971
Ion Ratio Lower Upper
130 100
95 101.0 0.0 204.6





#45

1,2-Dichloropropane

Concen: 56.203 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. -0.000 min

Lab File: VN079345.D

Acq: 26 Sep 2023 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 131989

Ion Ratio Lower Upper

63 100

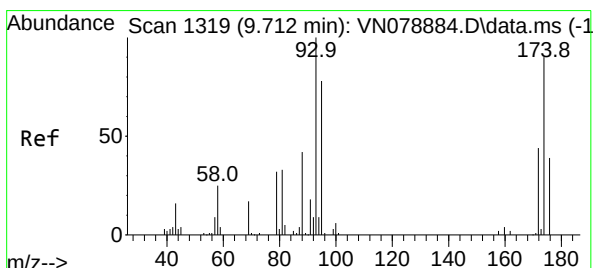
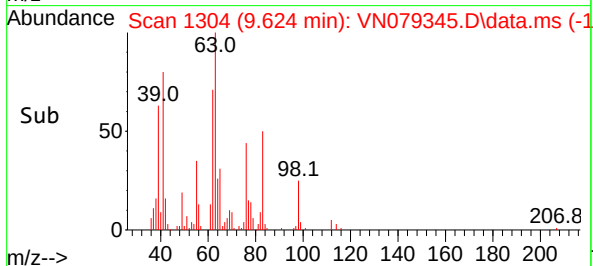
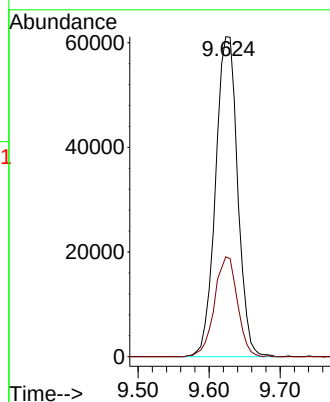
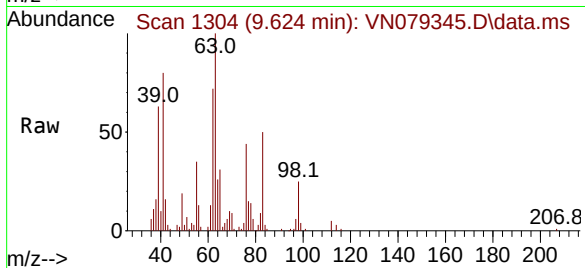
65 31.2 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#46

Dibromomethane

Concen: 53.527 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079345.D

Acq: 26 Sep 2023 09:53

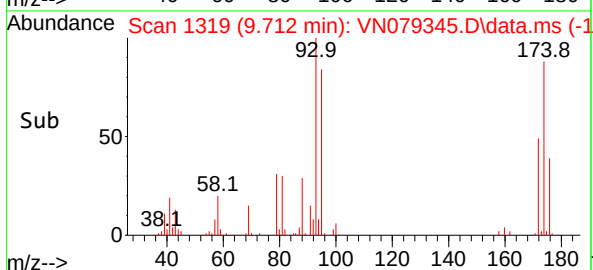
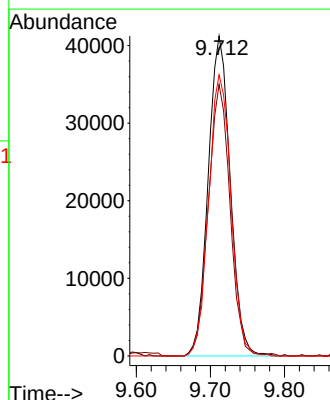
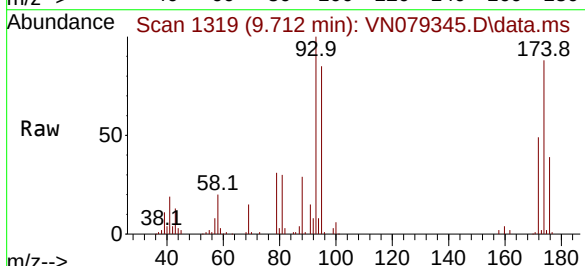
Tgt Ion: 93 Resp: 85334

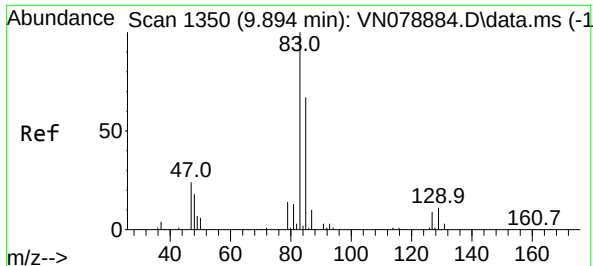
Ion Ratio Lower Upper

93 100

95 83.4 63.8 95.8

174 88.9 65.6 98.4





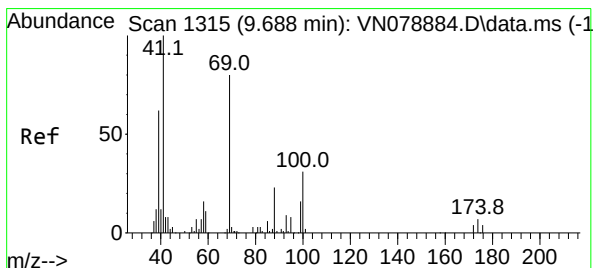
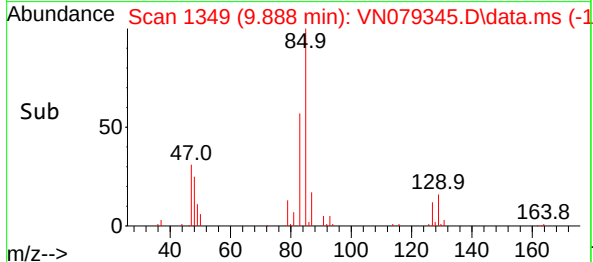
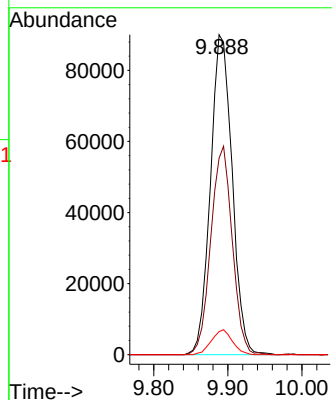
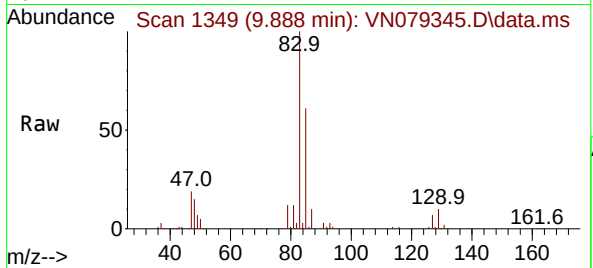
#47
Bromodichloromethane
Concen: 56.179 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 18344
Ion Ratio Lower Upper
83 100
85 61.4 49.6 74.4
127 7.2 7.0 10.6

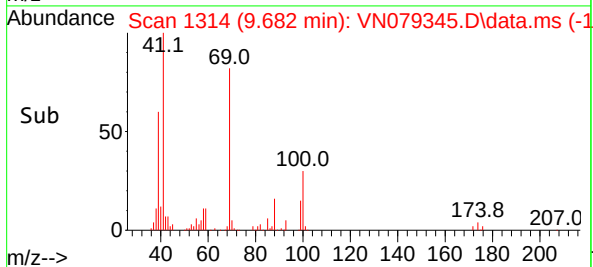
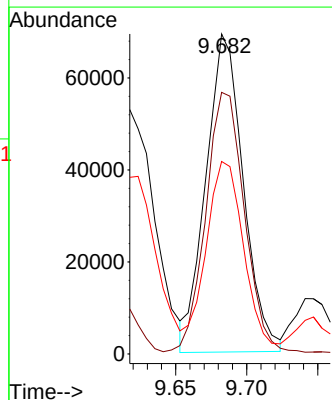
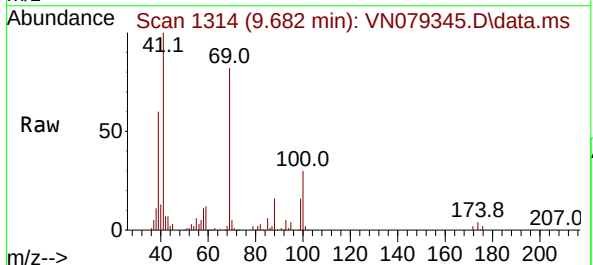
Manual Integrations
APPROVED

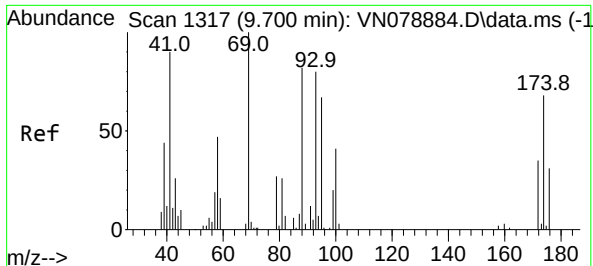
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#48
Methyl methacrylate
Concen: 56.149 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

Tgt Ion: 41 Resp: 126524
Ion Ratio Lower Upper
41 100
69 84.7 90.4 135.6#
39 62.2 54.6 81.8





#49

1,4-Dioxane

Concen: 932.756 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN079345.D

Acq: 26 Sep 2023 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 4323

Ion Ratio Lower Upper

88 100

43 31.7 17.0 25.6

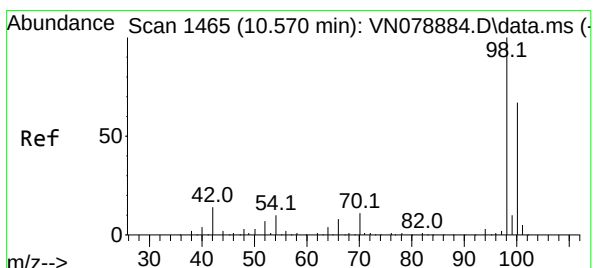
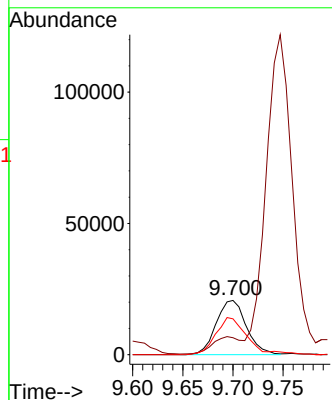
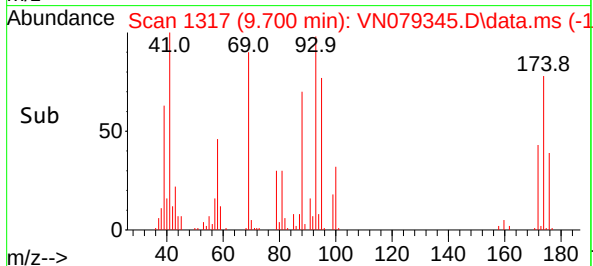
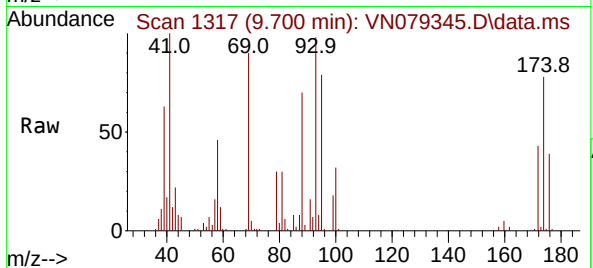
58 71.0 47.0 70.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#50

Toluene-d8

Concen: 51.366 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN079345.D

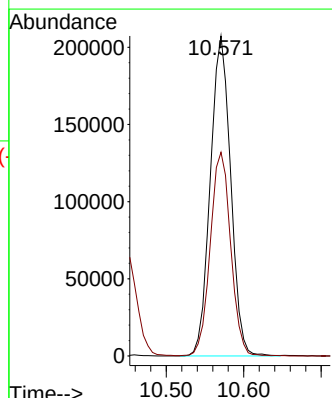
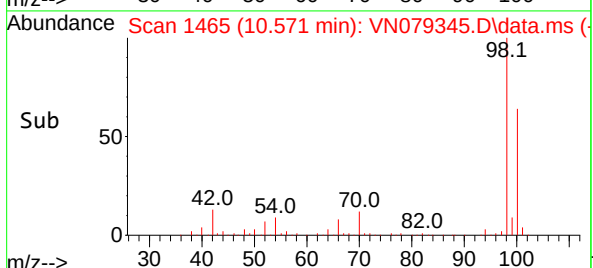
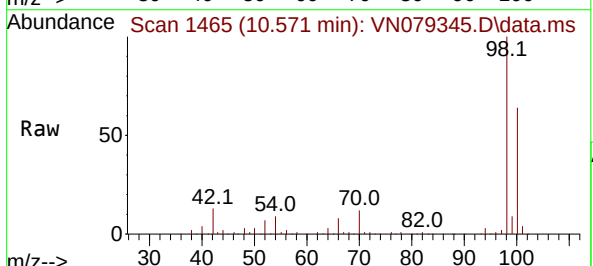
Acq: 26 Sep 2023 09:53

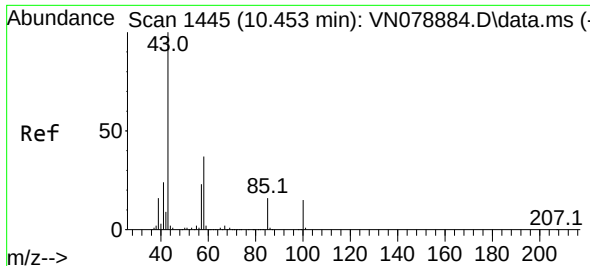
Tgt Ion: 98 Resp: 378240

Ion Ratio Lower Upper

98 100

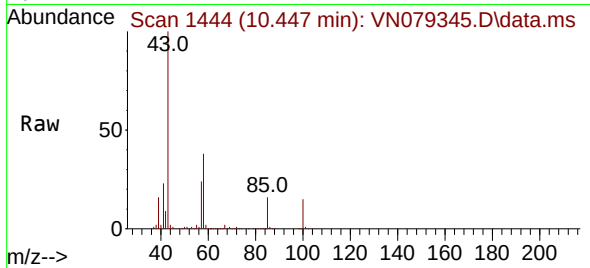
100 64.0 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 286.424 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

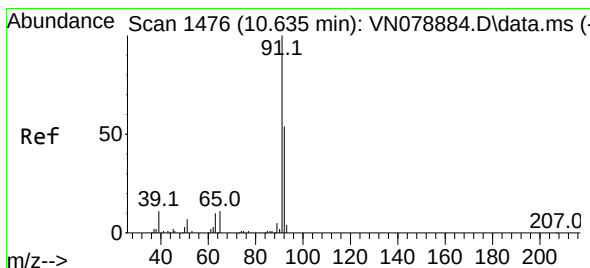
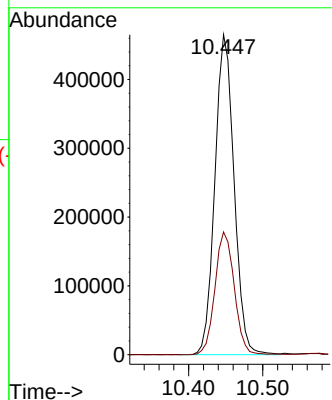
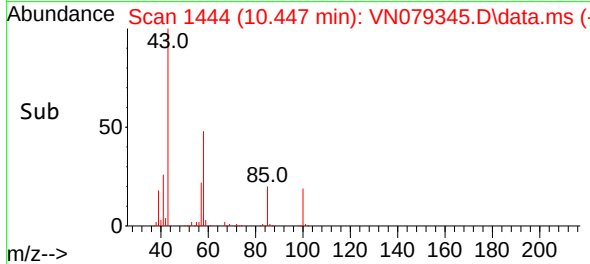
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



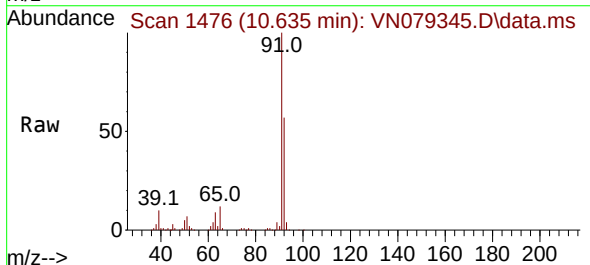
Tgt Ion: 43 Resp: 836445
Ion Ratio Lower Upper
43 100
58 38.6 36.6 54.8

Manual Integrations
APPROVED

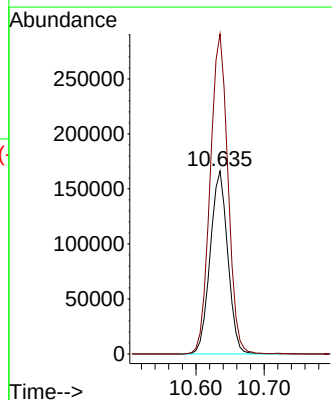
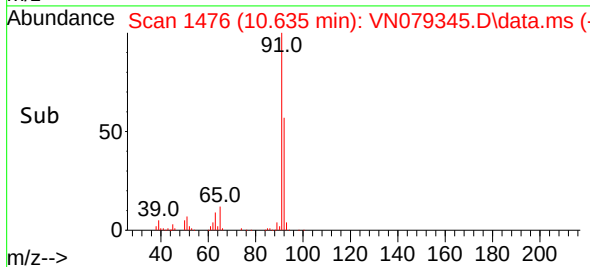
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

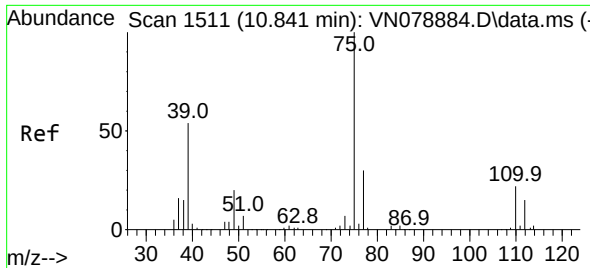


#52
Toluene
Concen: 51.326 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53



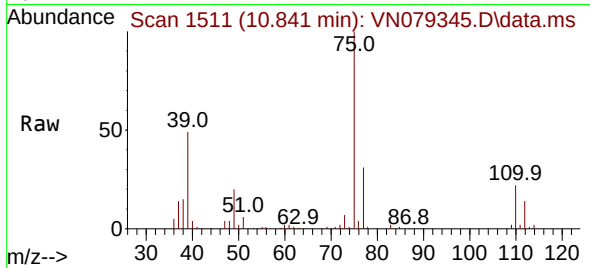
Tgt Ion: 92 Resp: 298475
Ion Ratio Lower Upper
92 100
91 176.8 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 54.757 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

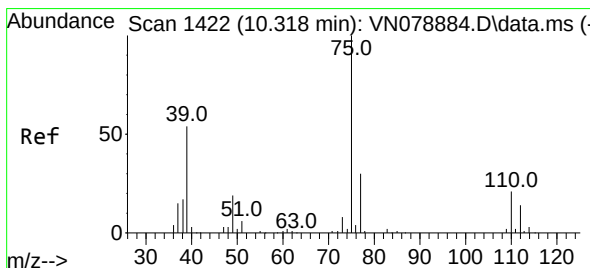
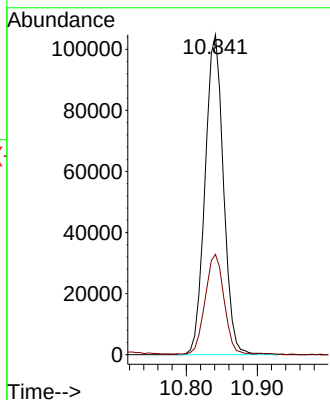
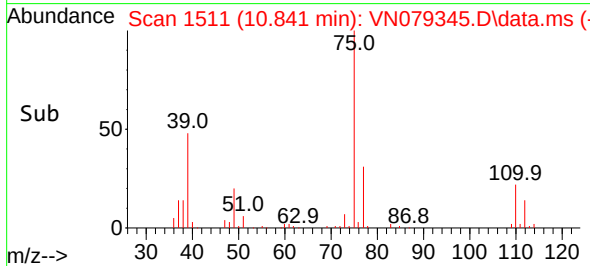
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



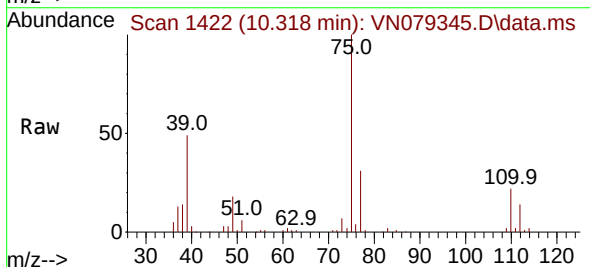
Tgt Ion: 75 Resp: 188532
Ion Ratio Lower Upper
75 100
77 31.1 25.4 38.0

Manual Integrations
APPROVED

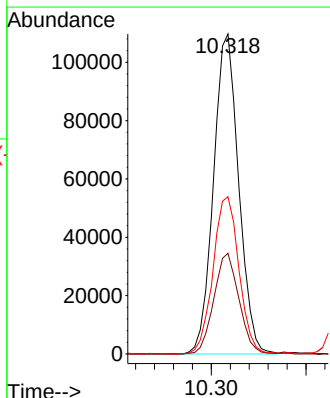
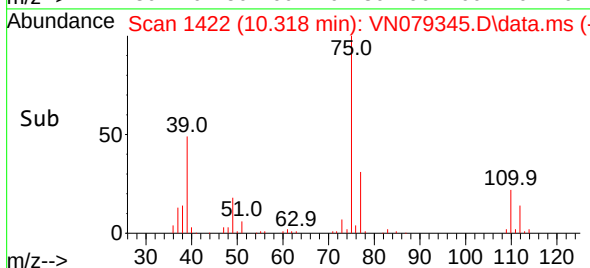
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

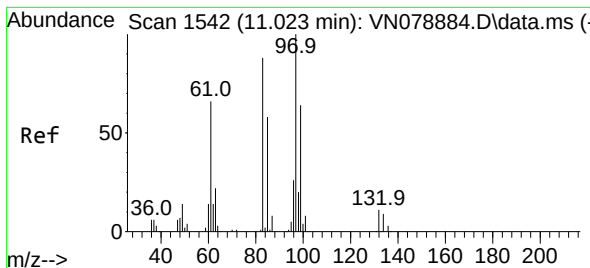


#54
cis-1,3-Dichloropropene
Concen: 54.991 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.000 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53



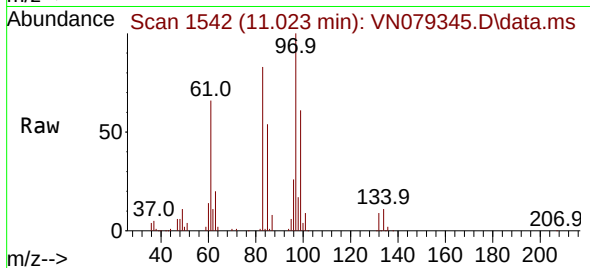
Tgt Ion: 75 Resp: 202508
Ion Ratio Lower Upper
75 100
77 31.5 26.1 39.1
39 49.2 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 53.603 ug/l
RT: 11.023 min Scan# 11023
Delta R.T. -0.001 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

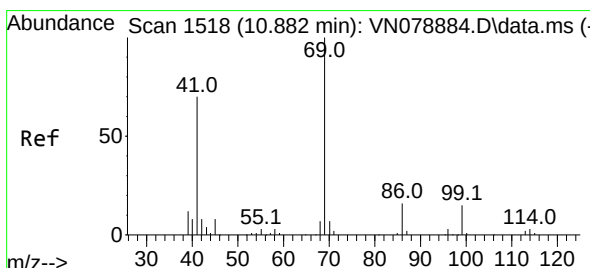
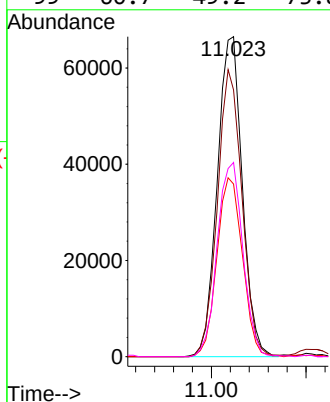
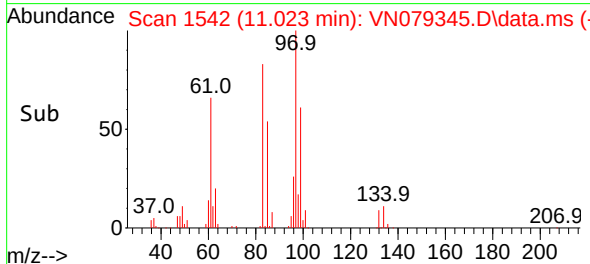
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



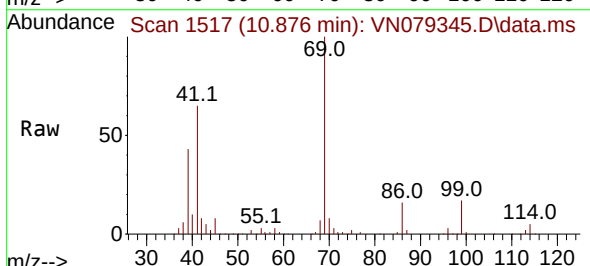
Tgt Ion:	97	Resp:	122314
Ion	Ratio	Lower	Upper
97	100		
83	83.3	65.1	97.7
85	54.0	43.4	65.2
99	60.7	49.2	73.8

Manual Integrations
APPROVED

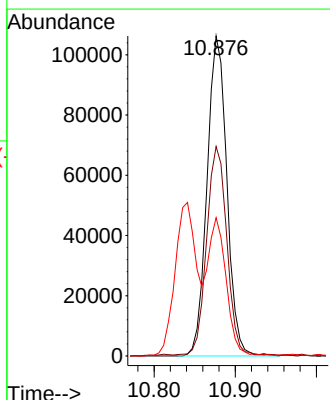
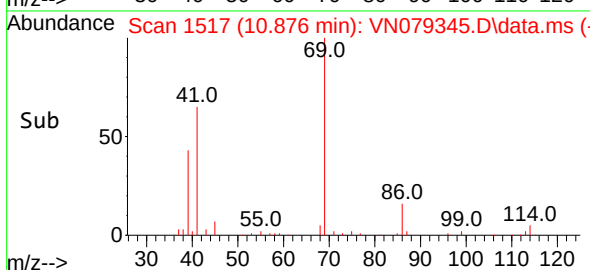
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

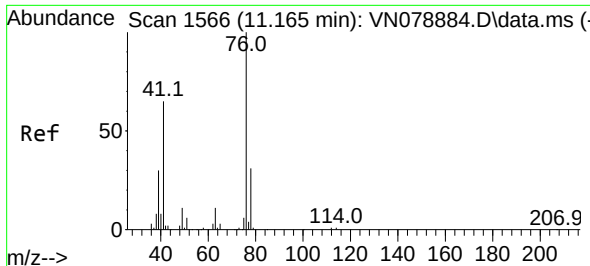


#56
Ethyl methacrylate
Concen: 55.920 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53



Tgt Ion:	69	Resp:	180122
Ion	Ratio	Lower	Upper
69	100		
41	65.9	39.6	59.4#
39	39.7	28.6	43.0





#57

1,3-Dichloropropane

Concen: 54.444 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN079345.D

Acq: 26 Sep 2023 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 214759

Ion Ratio Lower Upper

76 100

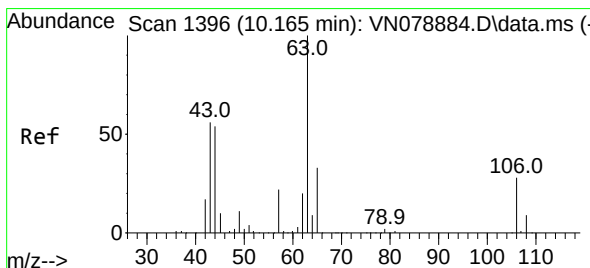
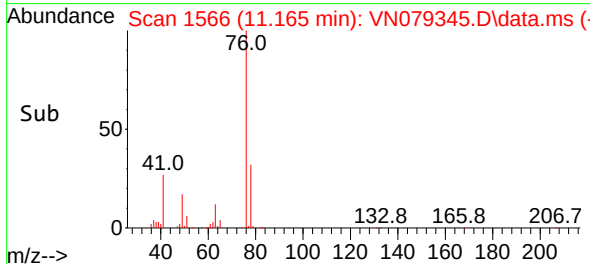
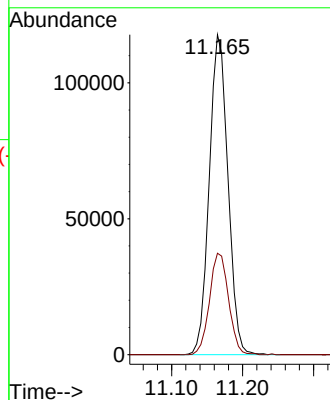
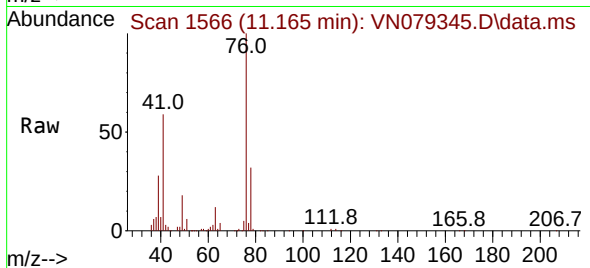
78 32.3 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#58

2-Chloroethyl Vinyl ether

Concen: 297.449 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079345.D

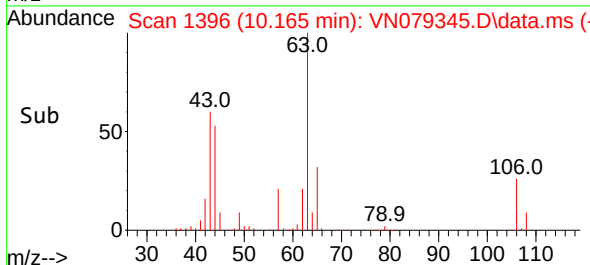
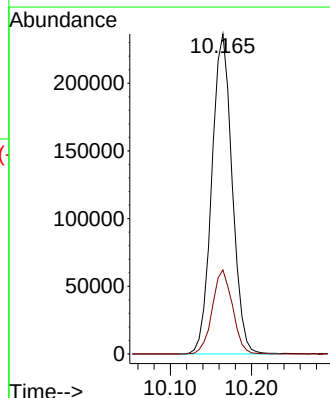
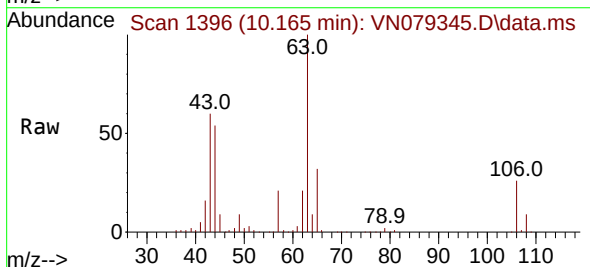
Acq: 26 Sep 2023 09:53

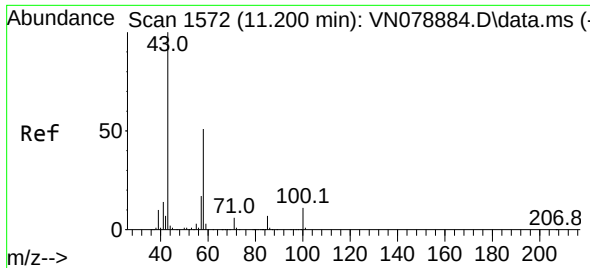
Tgt Ion: 63 Resp: 411672

Ion Ratio Lower Upper

63 100

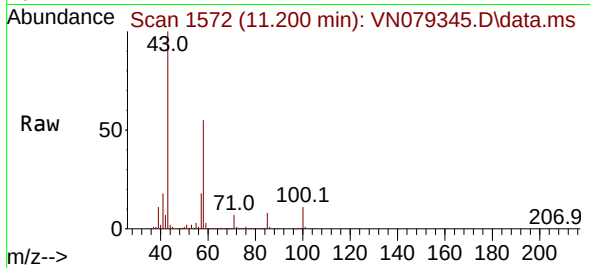
106 26.1 26.2 39.4#





#59
2-Hexanone
Concen: 291.077 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

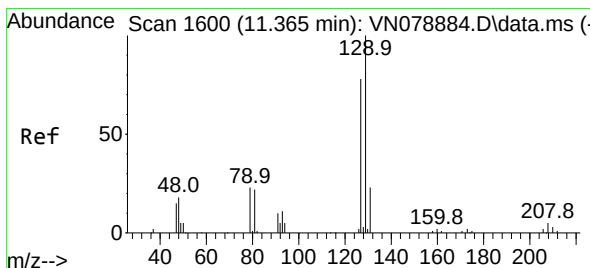
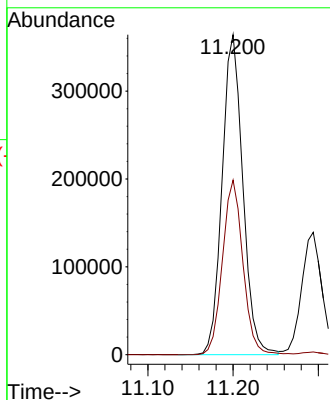
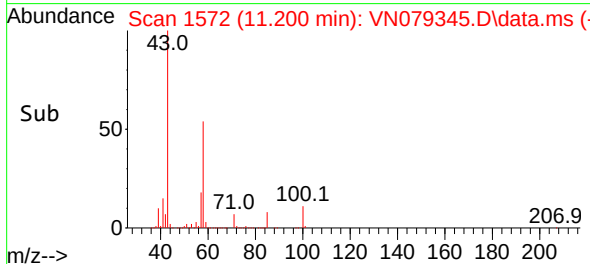
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 61566
Ion Ratio Lower Upper
43 100
58 53.9 31.7 95.1

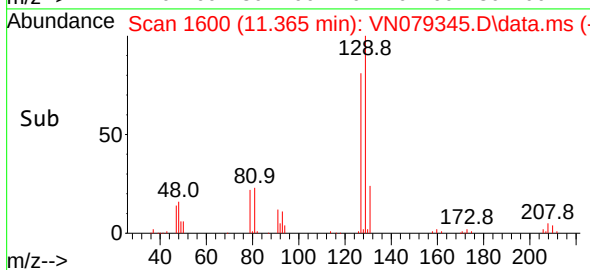
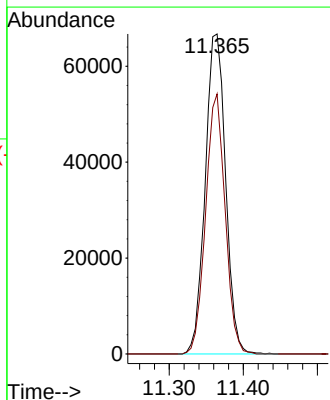
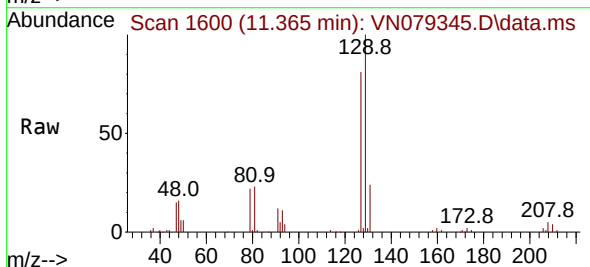
Manual Integrations
APPROVED

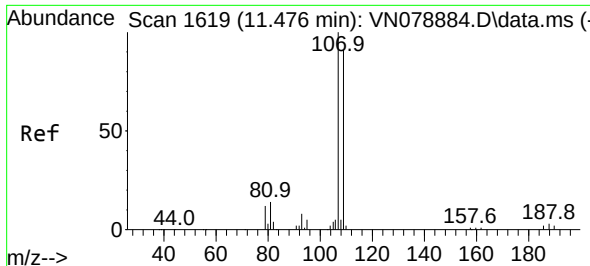
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#60
Dibromochloromethane
Concen: 52.520 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

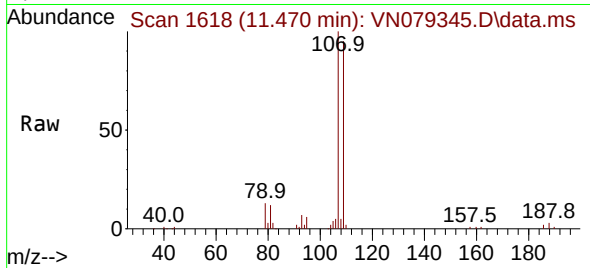
Tgt Ion:129 Resp: 127544
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 51.903 ug/l
RT: 11.470 min Scan# 1619
Delta R.T. -0.006 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

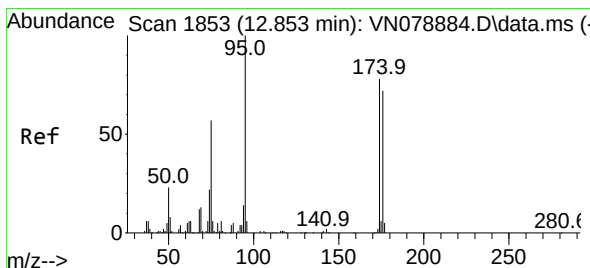
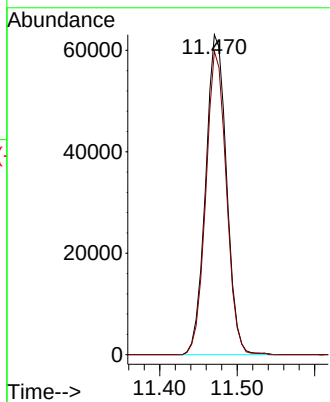
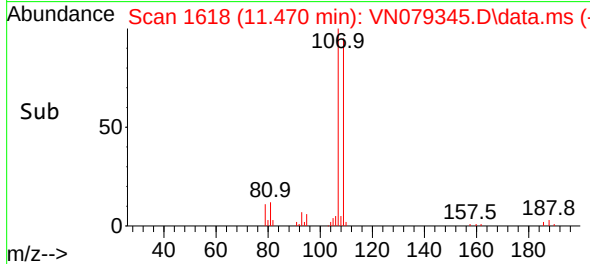
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:107 Resp: 118192
Ion Ratio Lower Upper
107 100
109 92.8 76.6 114.8

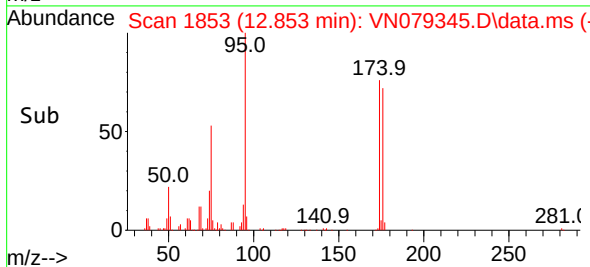
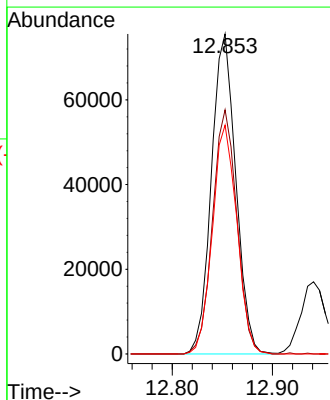
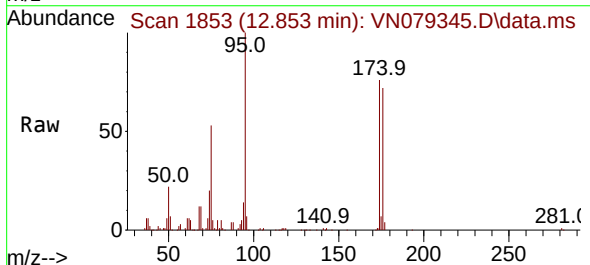
Manual Integrations
APPROVED

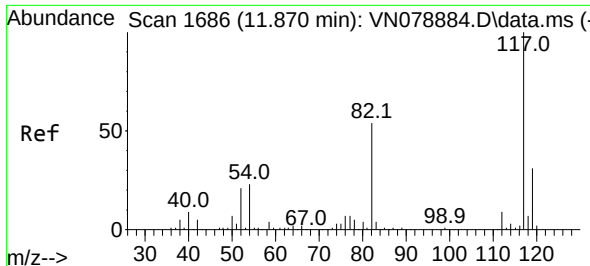
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#62
4-Bromofluorobenzene
Concen: 54.380 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

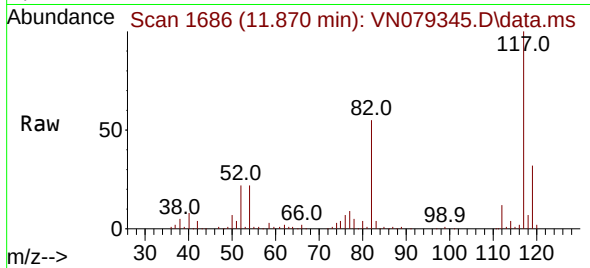
Tgt Ion: 95 Resp: 127731
Ion Ratio Lower Upper
95 100
174 75.7 0.0 143.8
176 71.7 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

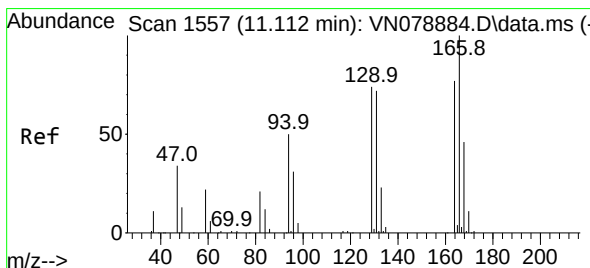
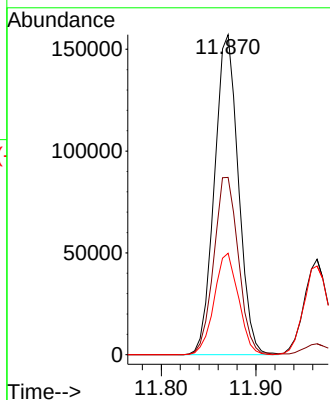
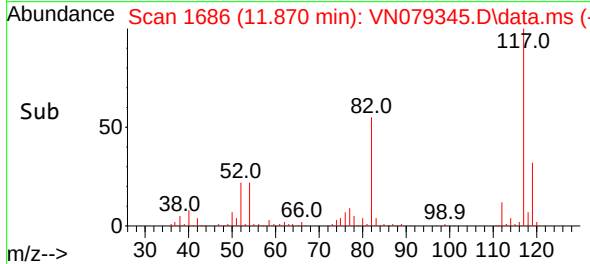
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 27621
Ion Ratio Lower Upper
117 100
82 55.4 44.0 66.0
119 31.7 25.6 38.4

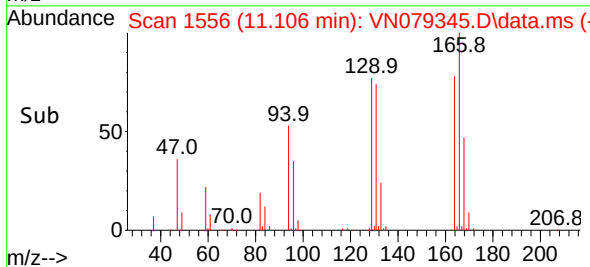
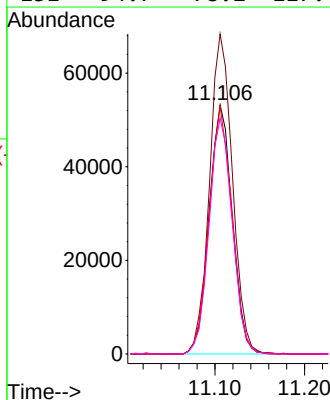
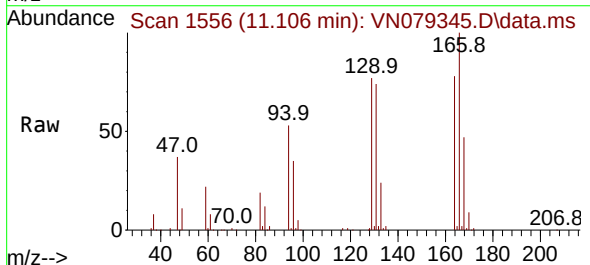
Manual Integrations
APPROVED

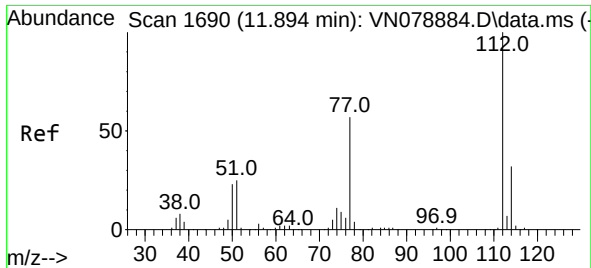
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#64
Tetrachloroethene
Concen: 47.517 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

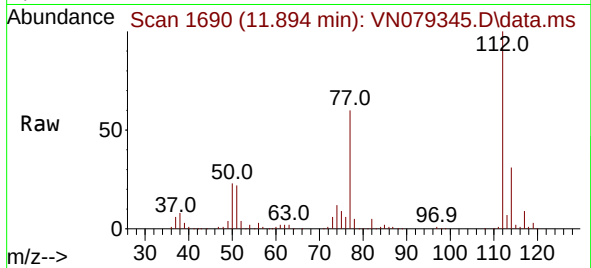
Tgt Ion:164 Resp: 95702
Ion Ratio Lower Upper
164 100
166 128.5 101.4 152.0
129 99.4 82.4 123.6
131 94.7 78.2 117.4





#65
Chlorobenzene
Concen: 49.674 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

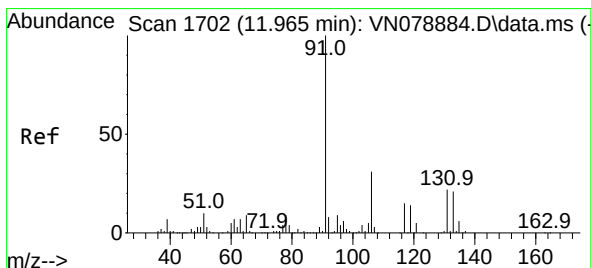
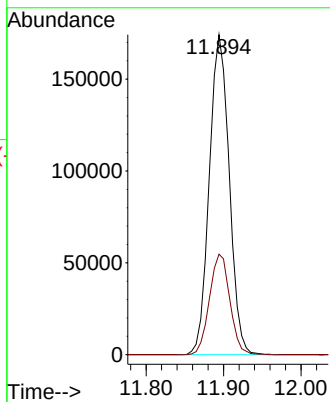
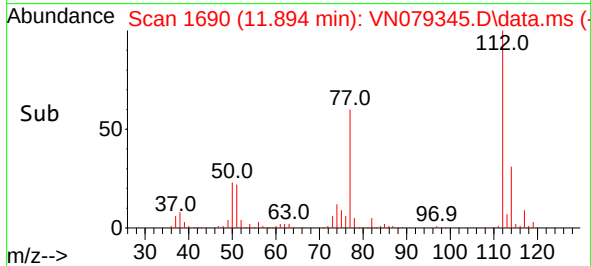
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



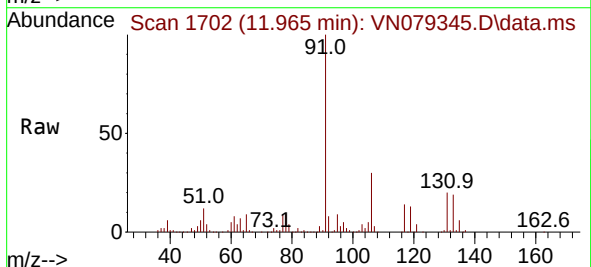
Tgt Ion:112 Resp: 310820
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.4

Manual Integrations
APPROVED

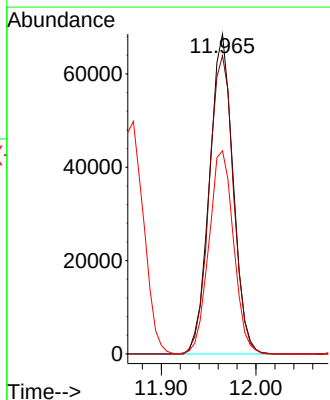
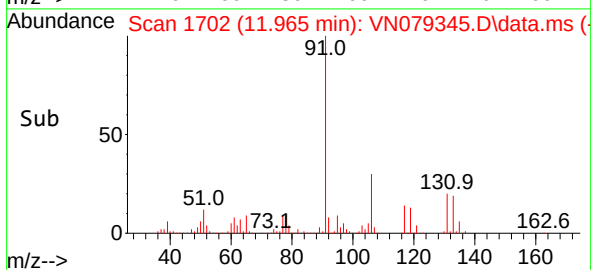
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

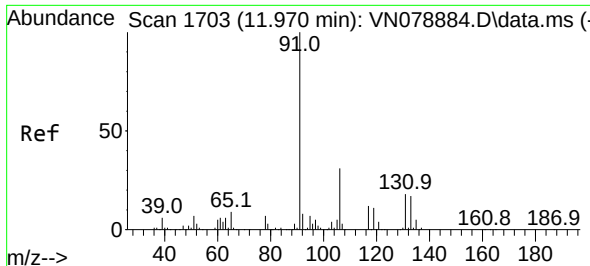


#66
1,1,1,2-Tetrachloroethane
Concen: 50.570 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53



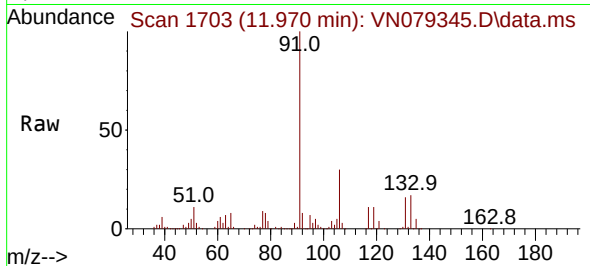
Tgt Ion:131 Resp: 118657
Ion Ratio Lower Upper
131 100
133 96.5 46.4 139.1
119 66.4 34.1 102.2





#67
Ethyl Benzene
Concen: 54.836 ug/l
RT: 11.970 min Scan# 1197
Delta R.T. -0.001 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

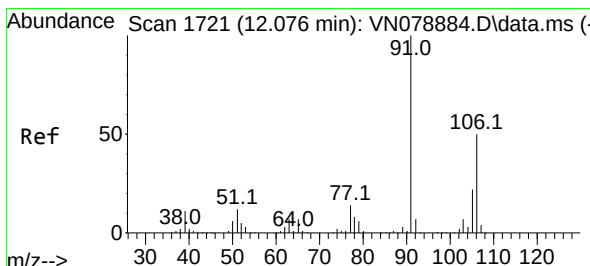
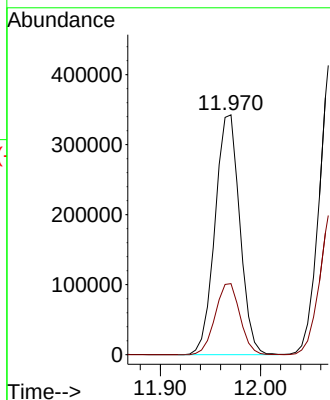
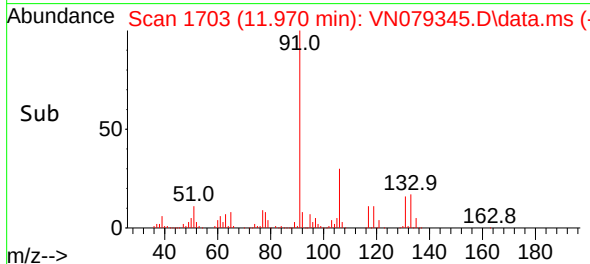
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



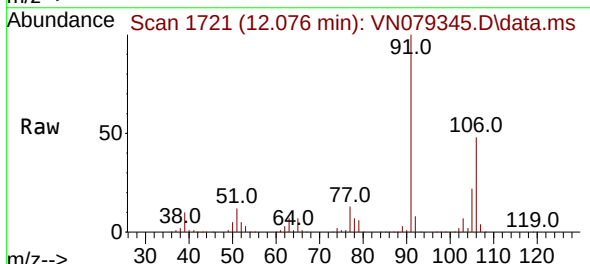
Tgt Ion: 91 Resp: 586902
Ion Ratio Lower Upper
91 100
106 29.6 25.6 38.4

Manual Integrations
APPROVED

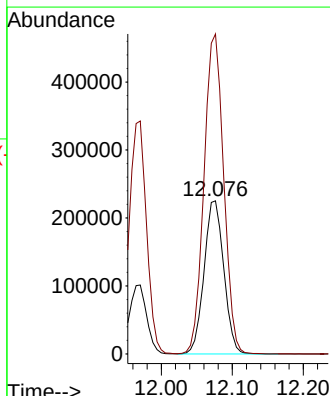
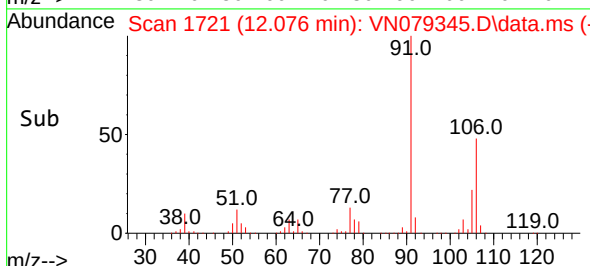
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

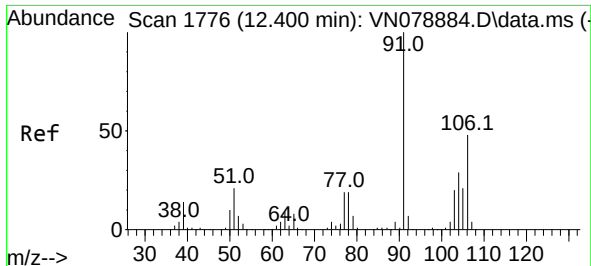


#68
m/p-Xylenes
Concen: 108.935 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53



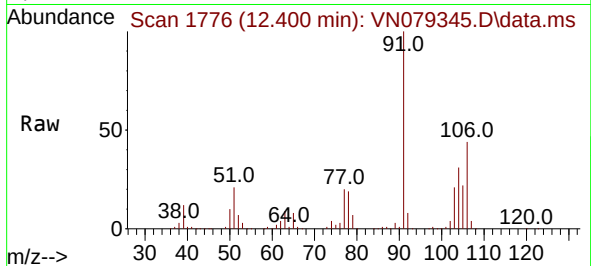
Tgt Ion:106 Resp: 434578
Ion Ratio Lower Upper
106 100
91 209.0 159.6 239.4





#69
o-Xylene
Concen: 54.630 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

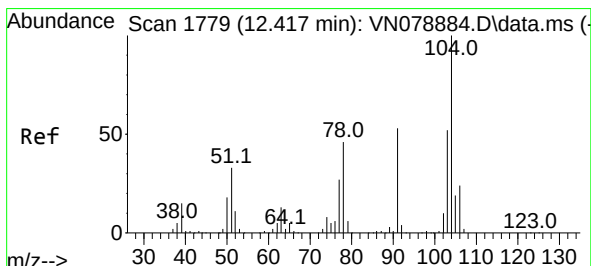
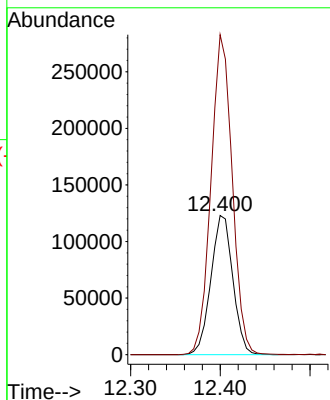
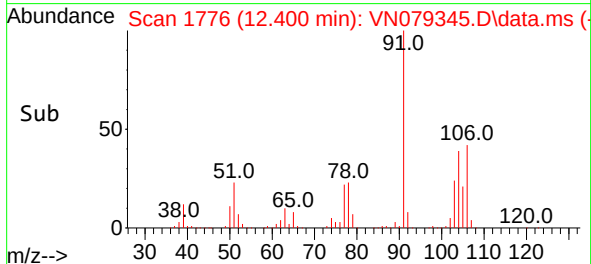
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 209010
Ion Ratio Lower Upper
106 100
91 222.7 105.2 315.5

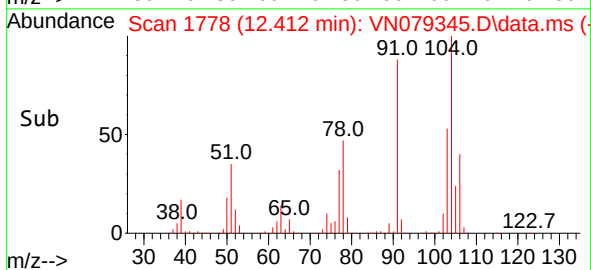
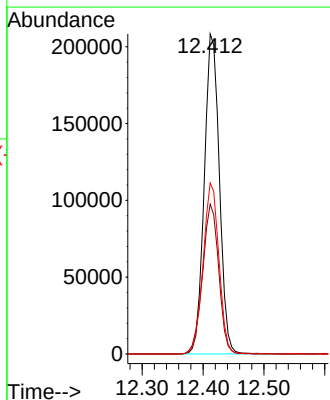
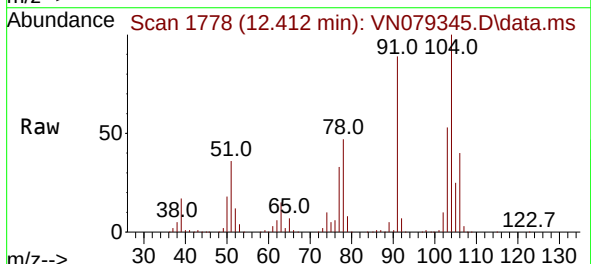
Manual Integrations
APPROVED

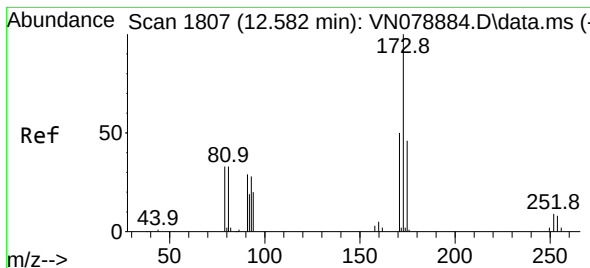
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#70
Styrene
Concen: 58.290 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

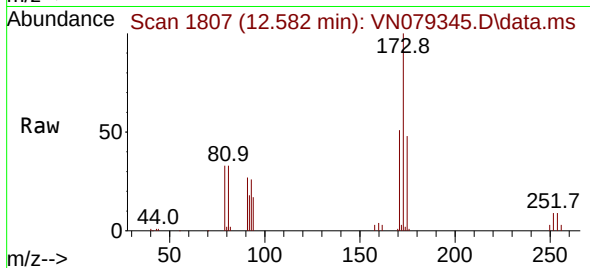
Tgt Ion:104 Resp: 358685
Ion Ratio Lower Upper
104 100
78 50.1 39.5 59.3
103 55.8 43.2 64.8





#71
Bromoform
Concen: 50.327 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

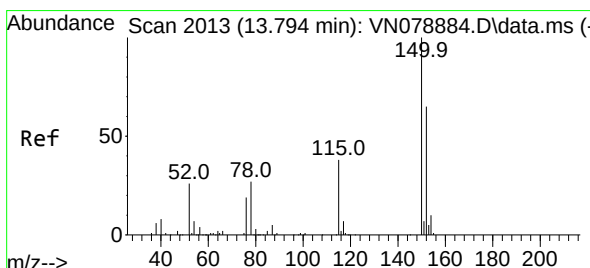
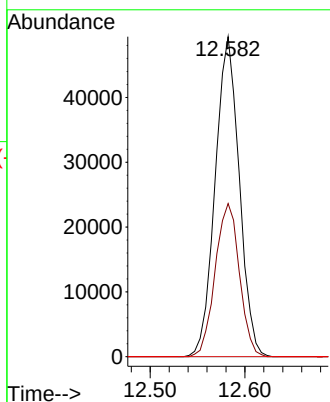
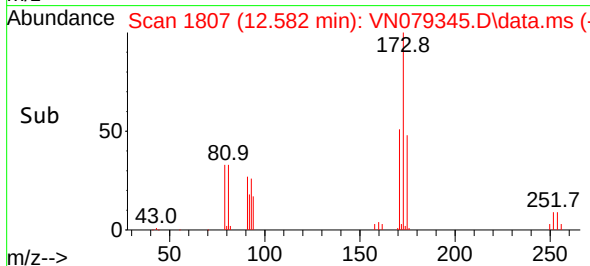
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



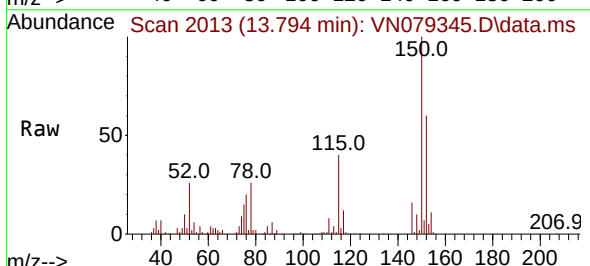
Tgt Ion:173 Resp: 87170
Ion Ratio Lower Upper
173 100
175 48.1 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

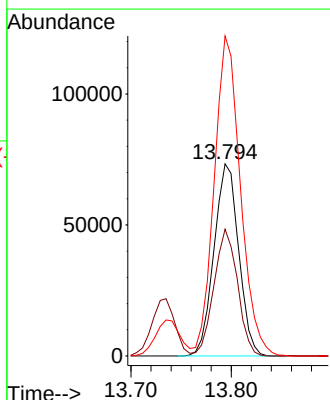
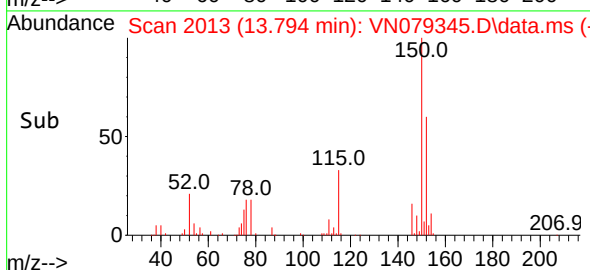
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

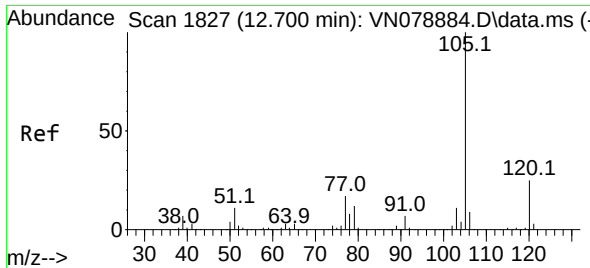


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53



Tgt Ion:152 Resp: 124857
Ion Ratio Lower Upper
152 100
115 63.2 32.3 96.8
150 177.5 0.0 355.8





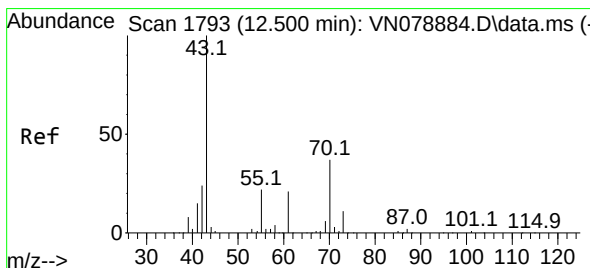
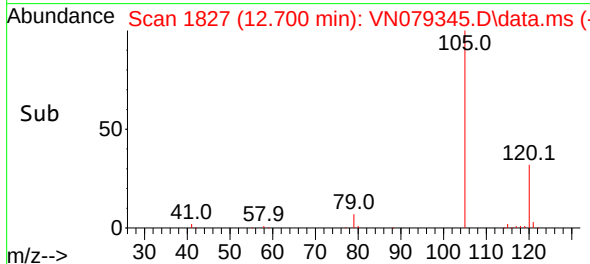
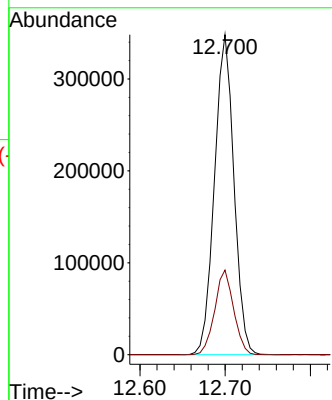
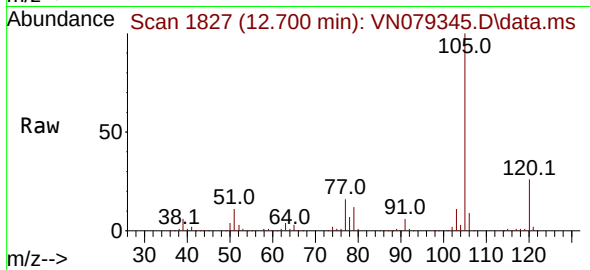
#73
Isopropylbenzene
Concen: 48.539 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 55138
Ion Ratio Lower Upper
105 100
120 25.7 13.1 39.1

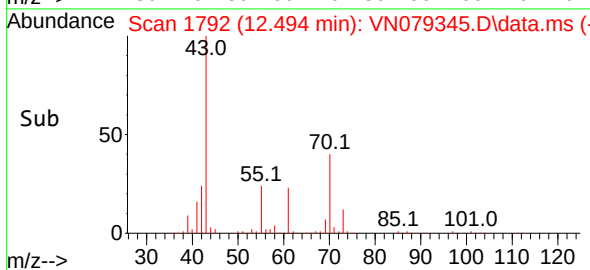
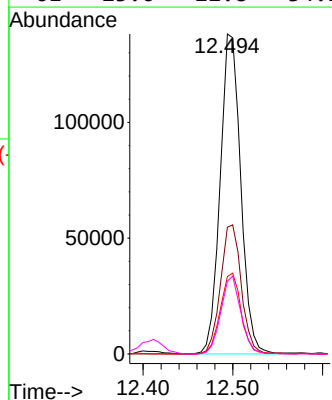
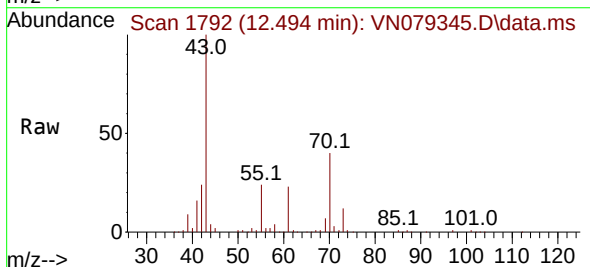
Manual Integrations
APPROVED

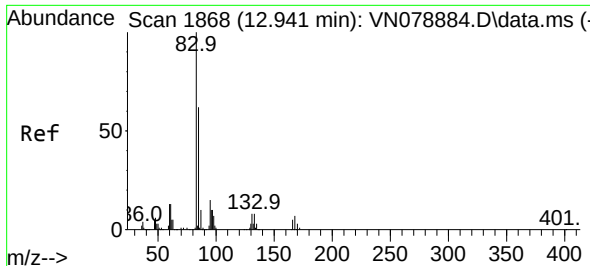
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#74
N-ethyl acetate
Concen: 51.091 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. -0.006 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

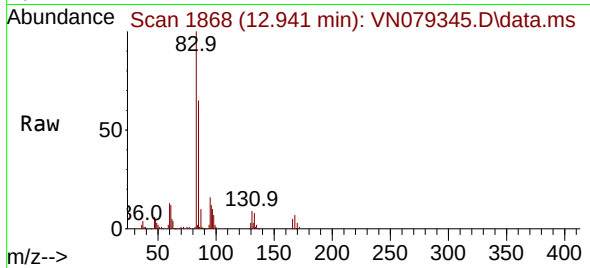
Tgt Ion: 43 Resp: 220191
Ion Ratio Lower Upper
43 100
70 41.0 43.4 65.2#
55 25.5 21.4 32.0
61 23.6 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 42.841 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

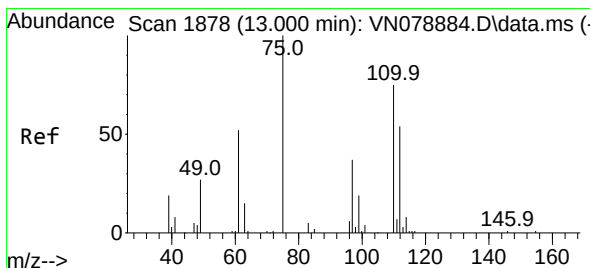
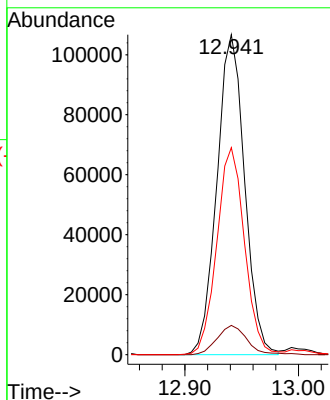
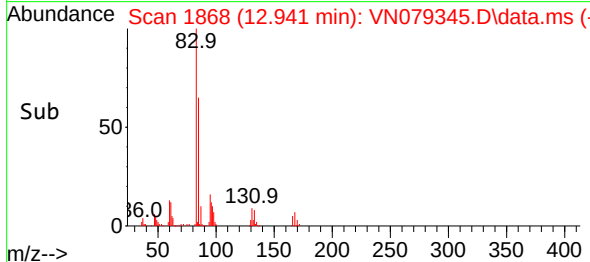
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 181224
Ion Ratio Lower Upper
83 100
131 9.9 5.0 15.0
85 64.6 31.9 95.7

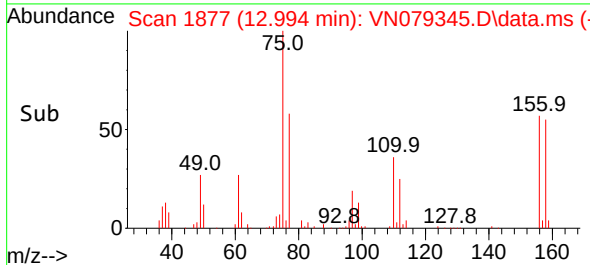
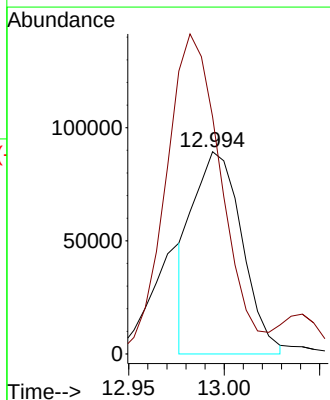
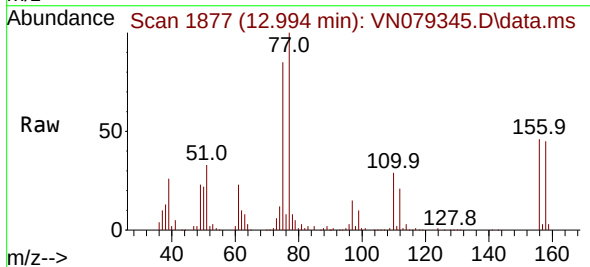
Manual Integrations
APPROVED

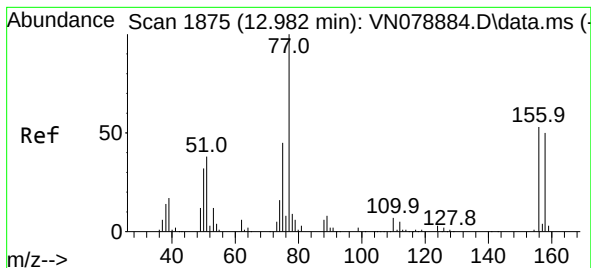
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#76
1,2,3-Trichloropropane
Concen: 47.619 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

Tgt Ion: 75 Resp: 160240
Ion Ratio Lower Upper
75 100
77 178.2 84.5 253.5





#77

Bromobenzene

Concen: 42.928 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN079345.D

Acq: 26 Sep 2023 09:53

Instrument :

MSVOA_N

ClientSampleId :

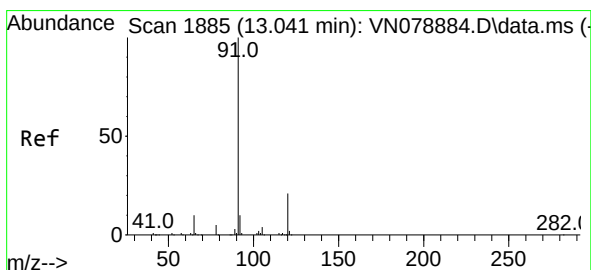
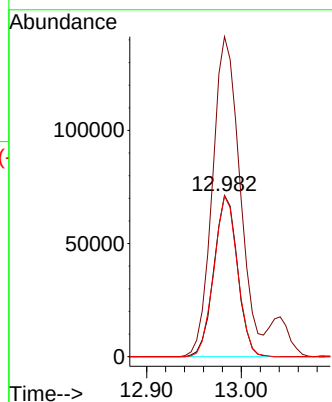
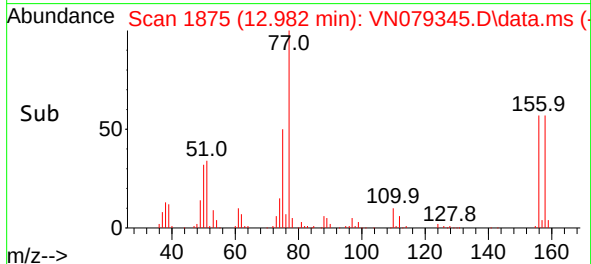
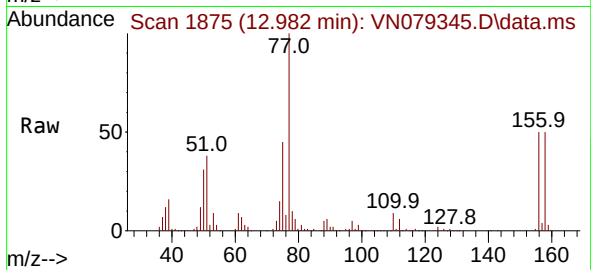
VSTDCCC050

Tgt Ion:156 Resp: 123478
 Ion Ratio Lower Upper
 156 100
 77 231.3 107.7 323.3
 158 99.4 48.4 145.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023
 Supervised By :Mahesh Dadoda 09/27/2023



#78

n-propylbenzene

Concen: 52.062 ug/l

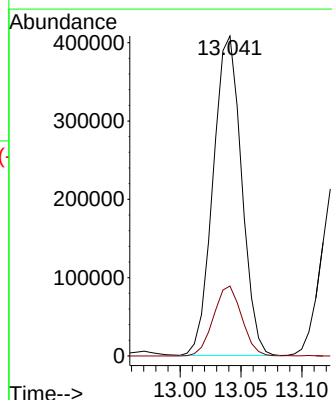
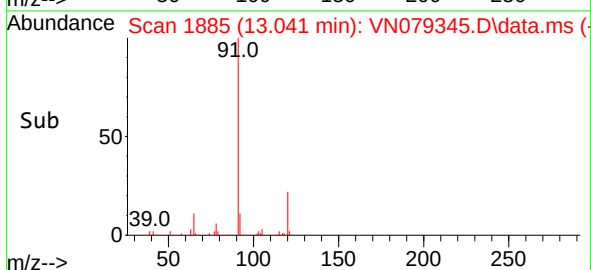
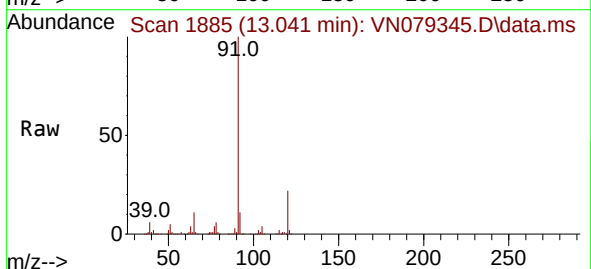
RT: 13.041 min Scan# 1885

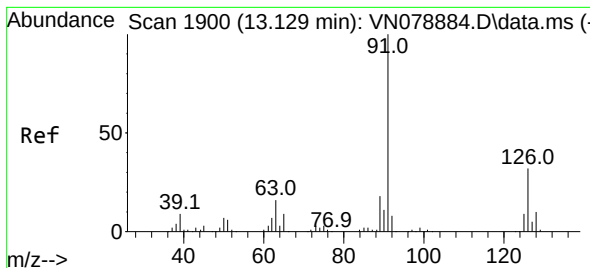
Delta R.T. -0.000 min

Lab File: VN079345.D

Acq: 26 Sep 2023 09:53

Tgt Ion: 91 Resp: 664367
 Ion Ratio Lower Upper
 91 100
 120 21.8 11.5 34.4





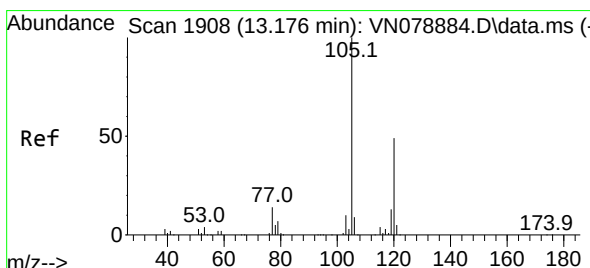
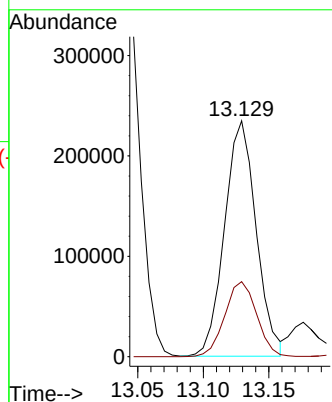
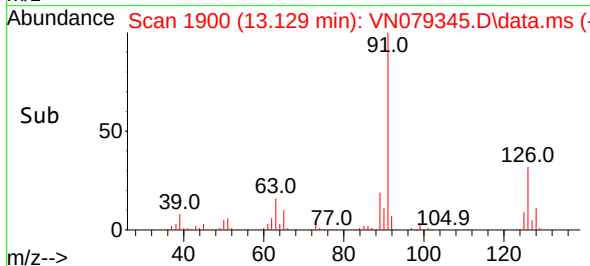
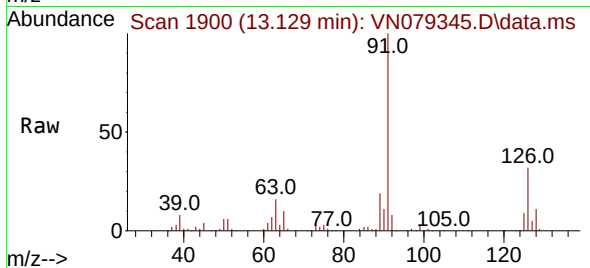
#79
2-Chlorotoluene
Concen: 47.181 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 393788
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8

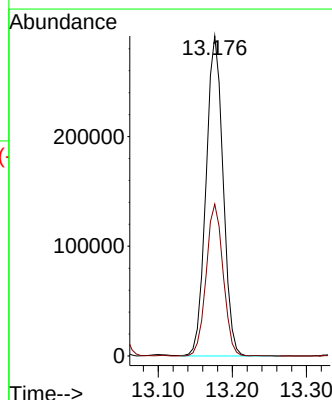
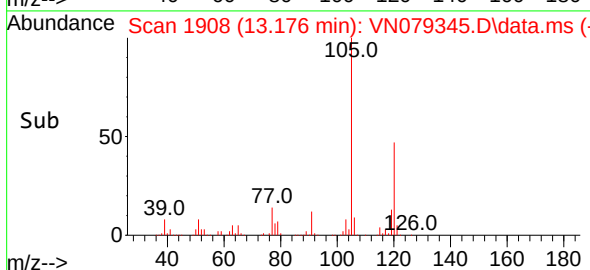
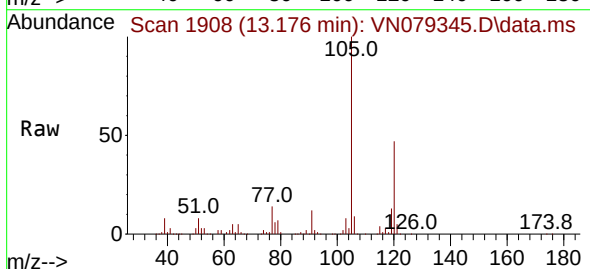
Manual Integrations
APPROVED

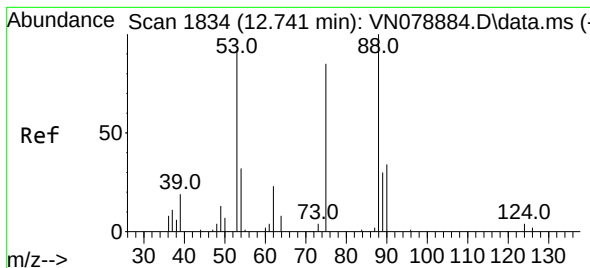
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#80
1,3,5-Trimethylbenzene
Concen: 49.190 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

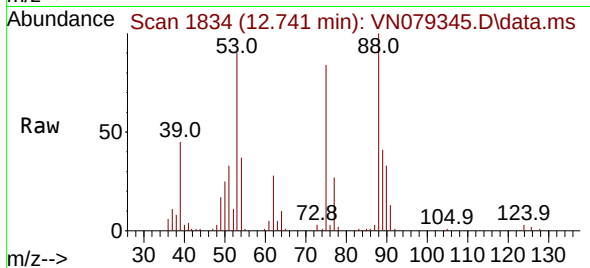
Tgt Ion:105 Resp: 465605
Ion Ratio Lower Upper
105 100
120 47.3 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 45.206 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

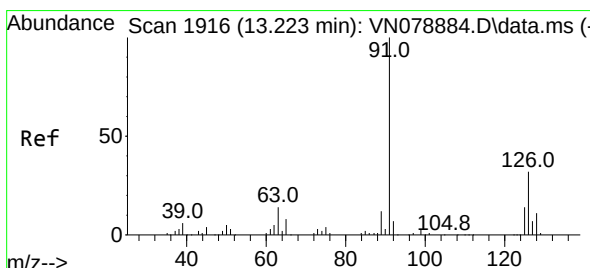
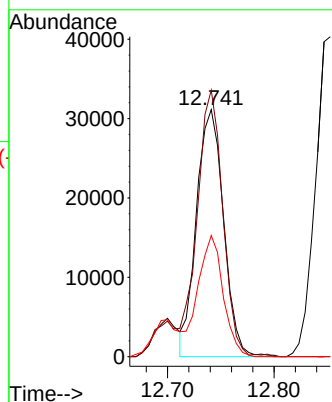
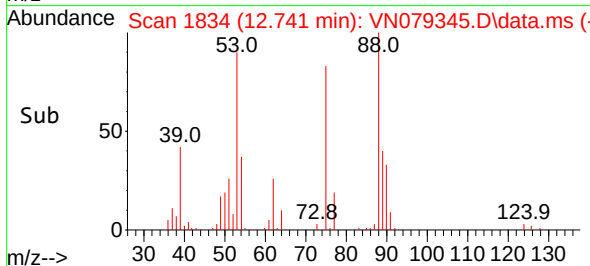
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 5533
Ion Ratio Lower Upper
75 100
53 114.4 67.4 101.2
89 46.3 38.8 58.2

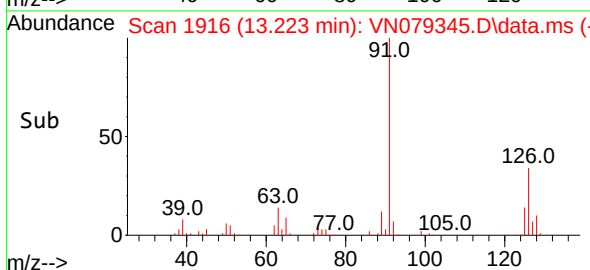
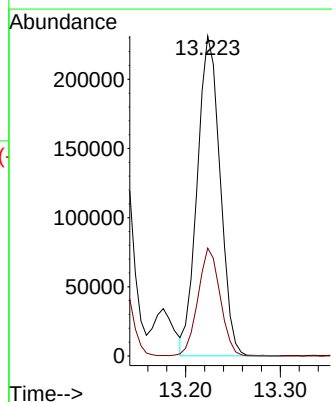
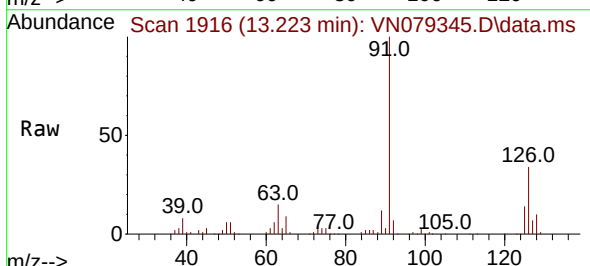
Manual Integrations
APPROVED

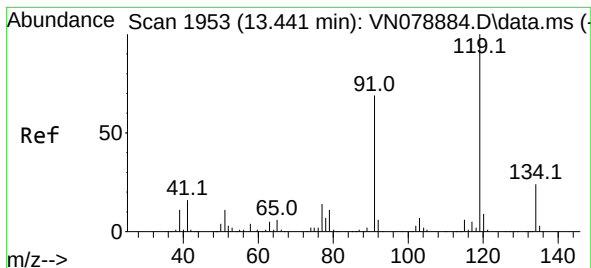
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#82
4-Chlorotoluene
Concen: 49.301 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

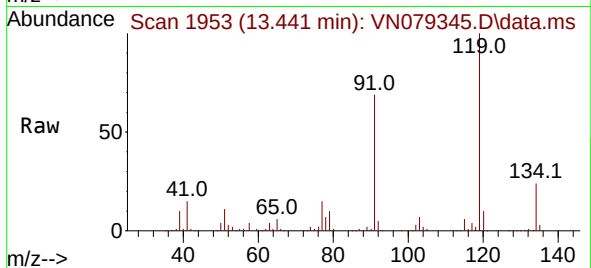
Tgt Ion: 91 Resp: 386644
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 48.351 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

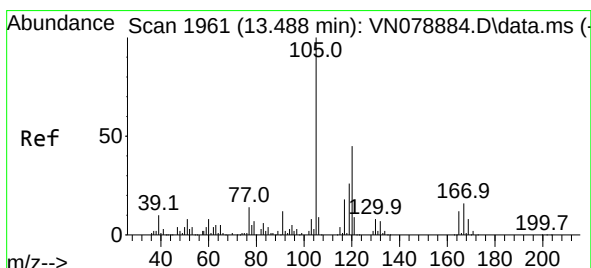
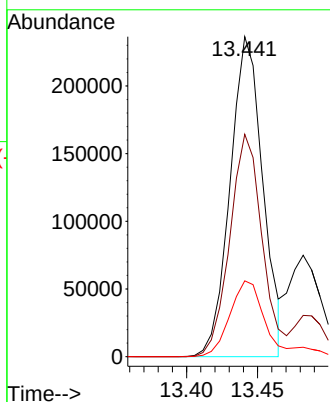
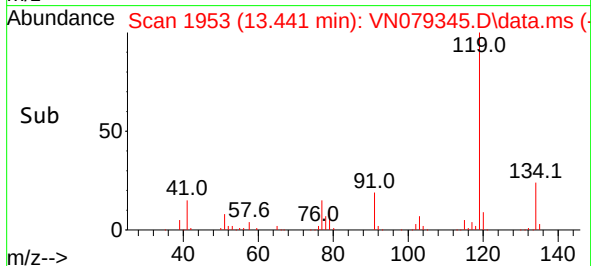
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



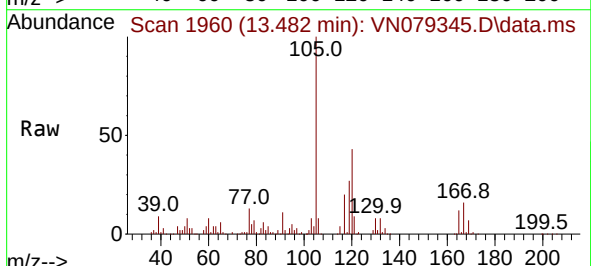
Tgt Ion:119 Resp: 378612
Ion Ratio Lower Upper
119 100
91 69.1 33.9 101.7
134 26.8 13.2 39.6

Manual Integrations
APPROVED

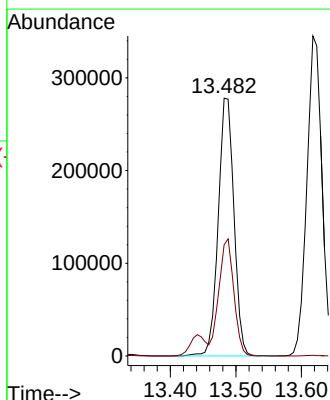
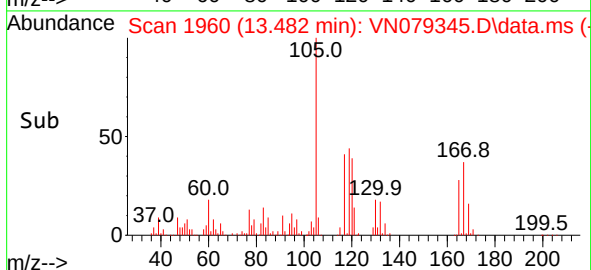
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

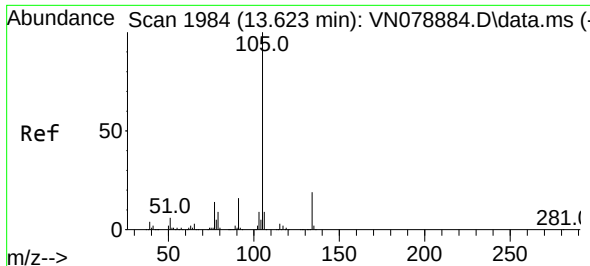


#84
1,2,4-Trimethylbenzene
Concen: 51.196 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53



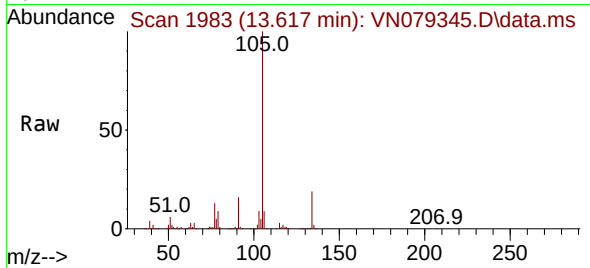
Tgt Ion:105 Resp: 461507
Ion Ratio Lower Upper
105 100
120 43.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 51.079 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079345.D
 Acq: 26 Sep 2023 09:53

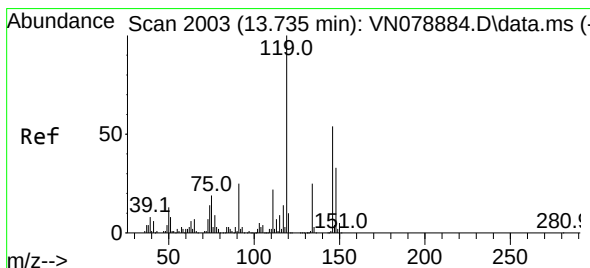
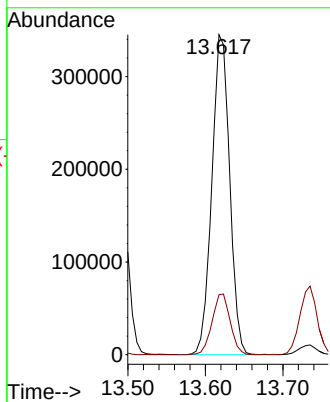
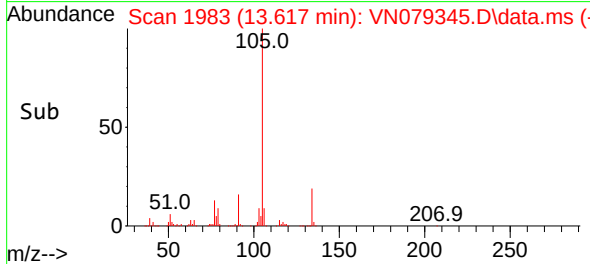
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



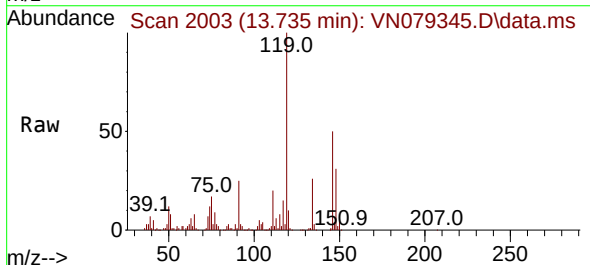
Tgt Ion:105 Resp: 550639
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.8 29.3

Manual Integrations
 APPROVED

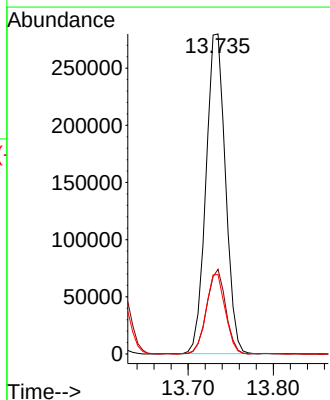
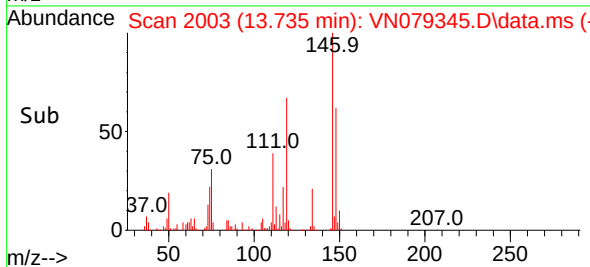
Reviewed By :John Carlone 09/27/2023
 Supervised By :Mahesh Dadoda 09/27/2023

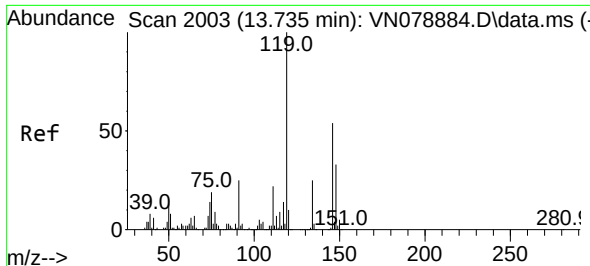


#86
 p-Isopropyltoluene
 Concen: 51.513 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079345.D
 Acq: 26 Sep 2023 09:53



Tgt Ion:119 Resp: 443657
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 24.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 48.359 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN079345.D

Acq: 26 Sep 2023 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 228152

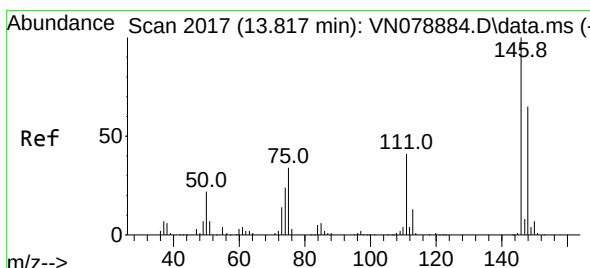
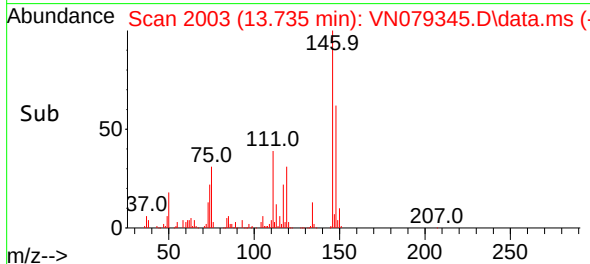
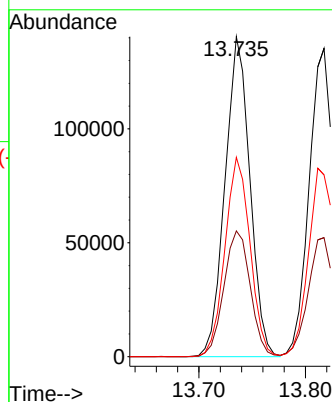
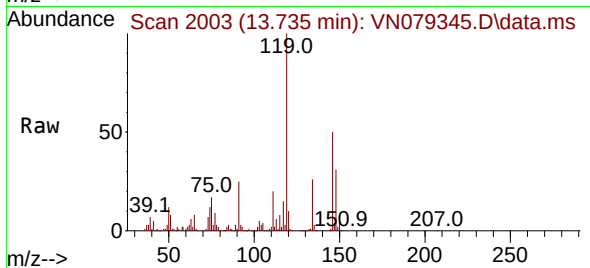
Ion	Ratio	Lower	Upper
146	100		
111	41.7	22.1	66.3
148	62.9	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/27/2023

Supervised By :Mahesh Dadoda 09/27/2023



#88

1,4-Dichlorobenzene

Concen: 46.534 ug/l

RT: 13.817 min Scan# 2017

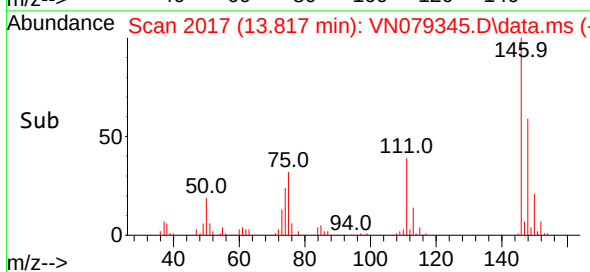
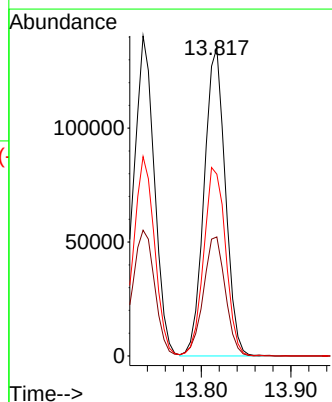
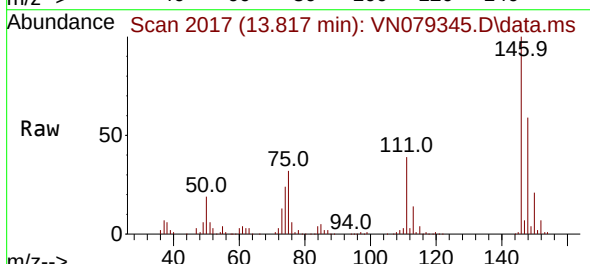
Delta R.T. -0.001 min

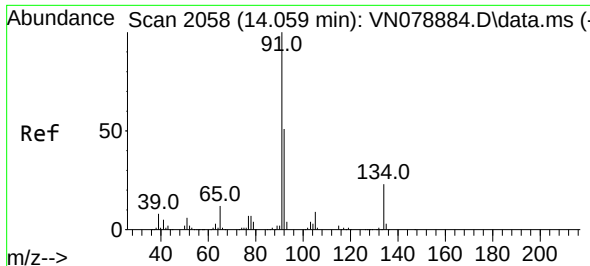
Lab File: VN079345.D

Acq: 26 Sep 2023 09:53

Tgt Ion:146 Resp: 221840

Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.6	61.8
148	63.3	31.6	94.8





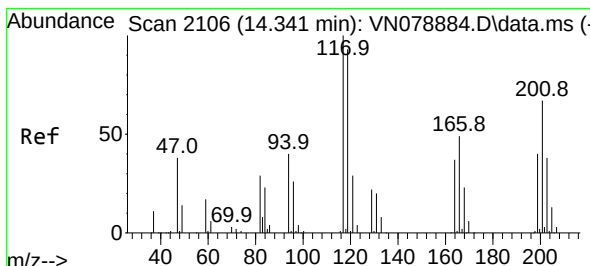
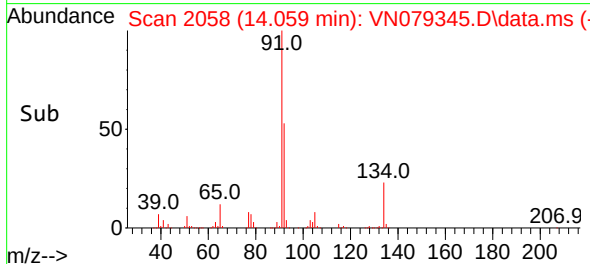
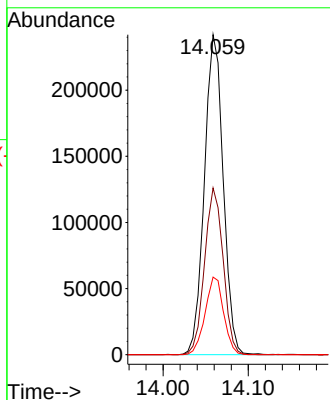
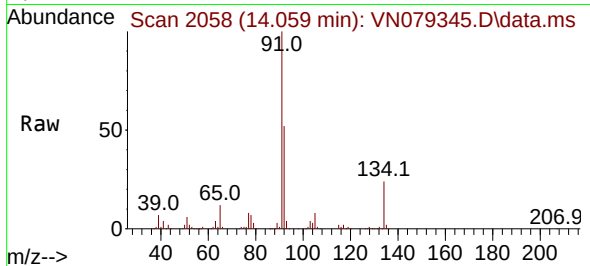
#89
n-Butylbenzene
Concen: 54.878 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 37166
Ion Ratio Lower Upper
91 100
92 51.4 26.4 79.0
134 23.8 12.6 37.6

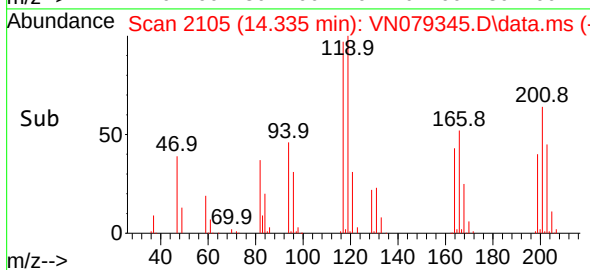
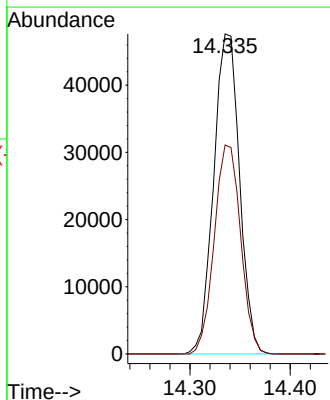
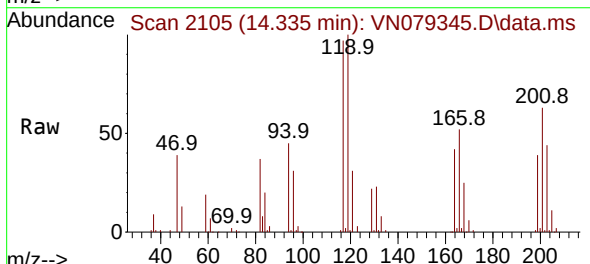
Manual Integrations
APPROVED

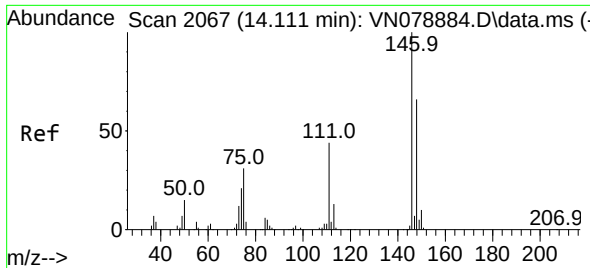
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#90
Hexachloroethane
Concen: 48.762 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. -0.000 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

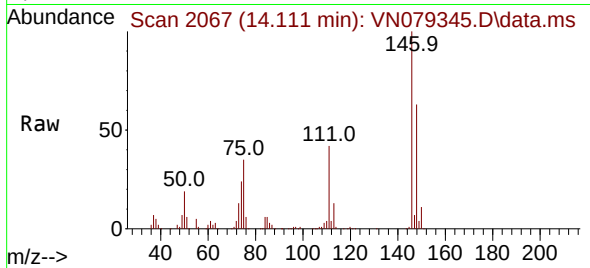
Tgt Ion:117 Resp: 85283
Ion Ratio Lower Upper
117 100
201 66.6 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 47.391 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

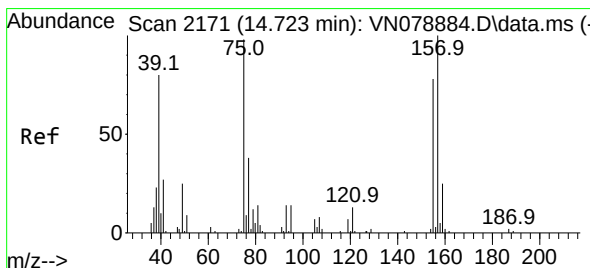
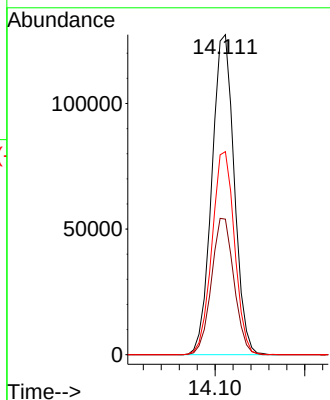
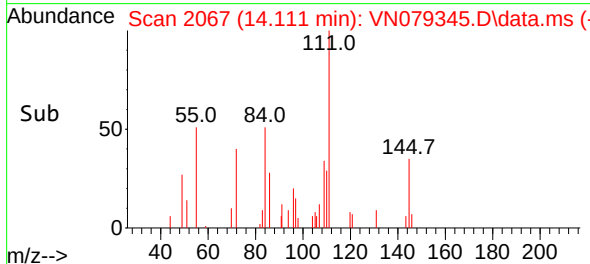
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:146 Resp: 220720
Ion Ratio Lower Upper
146 100
111 42.8 22.0 66.0
148 63.9 31.8 95.3

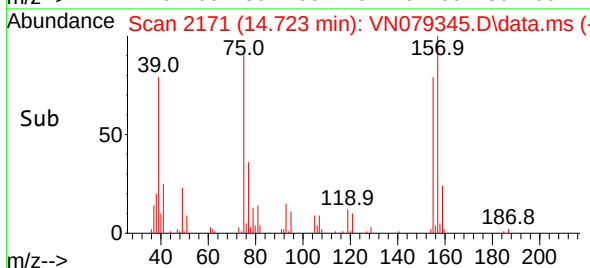
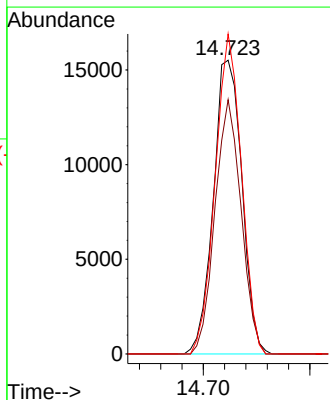
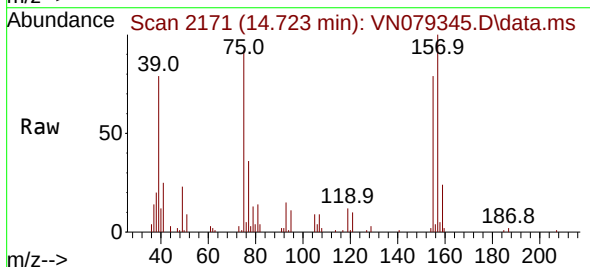
Manual Integrations
APPROVED

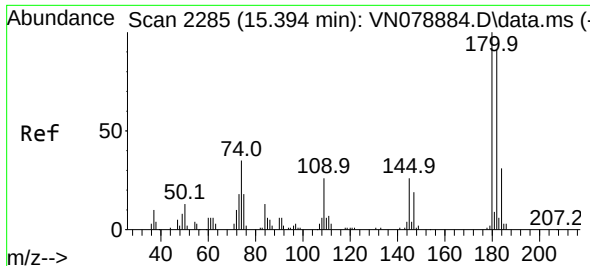
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.955 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

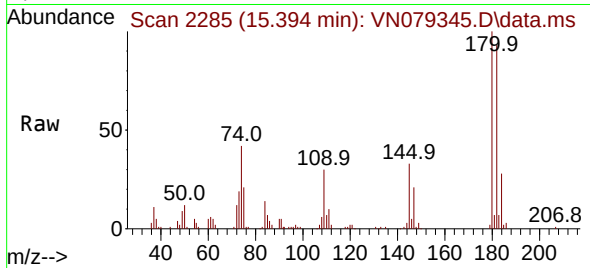
Tgt Ion: 75 Resp: 28908
Ion Ratio Lower Upper
75 100
155 79.2 39.1 117.2
157 99.9 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 49.150 ug/l
RT: 15.394 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

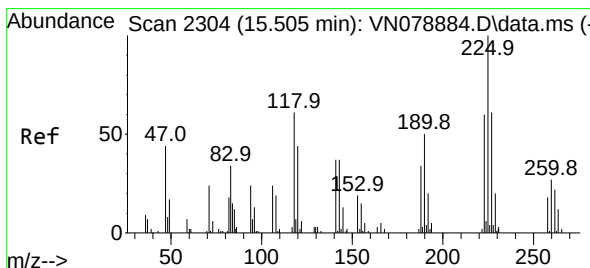
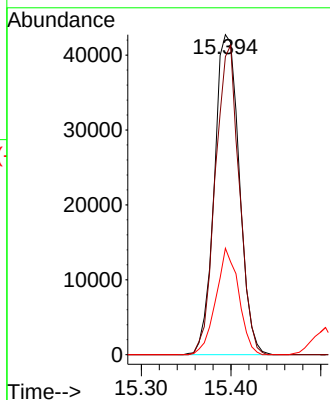
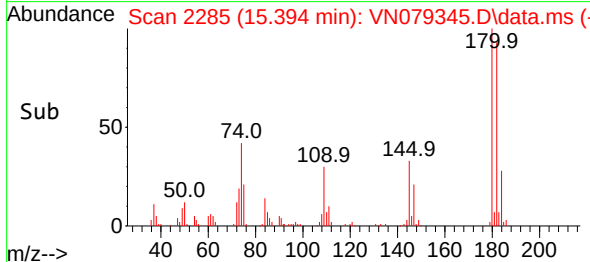
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



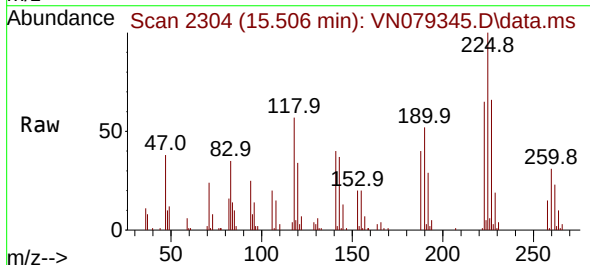
Tgt Ion:180 Resp: 8226
Ion Ratio Lower Upper
180 100
182 92.6 46.1 138.2
145 30.5 16.6 49.8

Manual Integrations
APPROVED

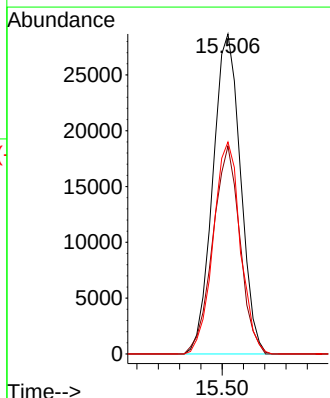
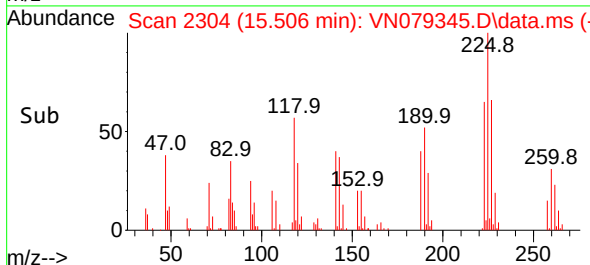
Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023

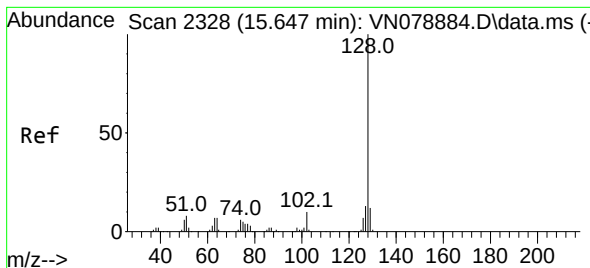


#94
Hexachlorobutadiene
Concen: 39.268 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53



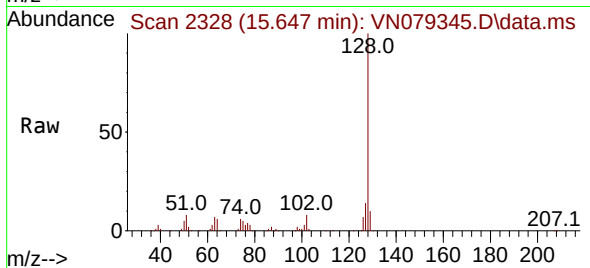
Tgt Ion:225 Resp: 51700
Ion Ratio Lower Upper
225 100
223 63.6 31.3 93.8
227 64.8 31.9 95.9





#95
Naphthalene
Concen: 44.032 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

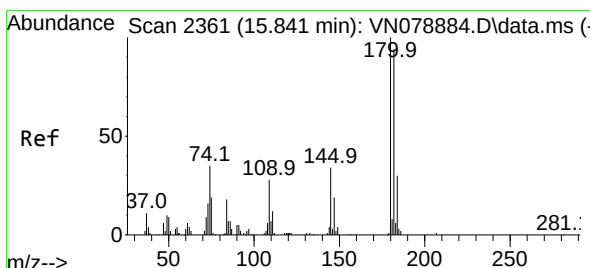
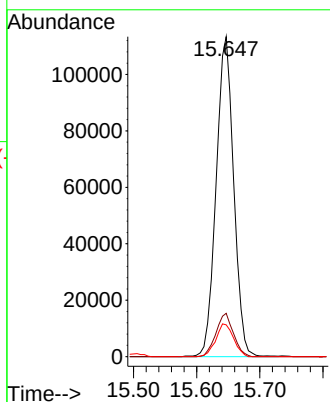
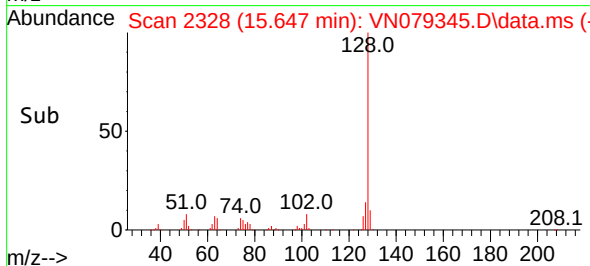
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:128 Resp: 21888
Ion Ratio Lower Upper
128 100
127 13.5 10.0 15.0
129 10.4 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/27/2023
Supervised By :Mahesh Dadoda 09/27/2023



#96
1,2,3-Trichlorobenzene
Concen: 43.512 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN079345.D
Acq: 26 Sep 2023 09:53

Tgt Ion:180 Resp: 85904
Ion Ratio Lower Upper
180 100
182 95.4 46.2 138.6
145 33.3 17.5 52.6

