

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091123\
 Data File : VN079218.D
 Acq On : 11 Sep 2023 14:43
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Sep 12 02:35:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 11 16:44:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/12/2023
 Supervised By : Mahesh Dadoda 09/12/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	136787	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	231940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	196509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	71102	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	16912	9.159	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	18.320%#		
35) Dibromofluoromethane	8.177	113	14008	9.079	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	18.160%#		
50) Toluene-d8	10.571	98	49967	8.820	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	17.640%#		
62) 4-Bromofluorobenzene	12.859	95	14591	8.075	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	16.140%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	12843	9.489	ug/l	91
3) Chloromethane	2.365	50	16529	9.303	ug/l	99
4) Vinyl Chloride	2.512	62	18581	9.598	ug/l	95
5) Bromomethane	2.953	94	11306	10.160	ug/l	97
6) Chloroethane	3.124	64	12889	9.643	ug/l	95
7) Trichlorofluoromethane	3.494	101	26826	9.463	ug/l	97
8) Diethyl Ether	3.959	74	9915	10.077	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.377	101	14780	9.804	ug/l	95
10) Methyl Iodide	4.589	142	10416	8.446	ug/l #	81
11) Tert butyl alcohol	5.536	59	16000	46.934	ug/l #	86
12) 1,1-Dichloroethene	4.336	96	13950	9.562	ug/l	91
13) Acrolein	4.189	56	16019	49.261	ug/l	96
14) Allyl chloride	5.024	41	22076	9.486	ug/l #	89
15) Acrylonitrile	5.724	53	41672	47.143	ug/l	99
16) Acetone	4.441	43	35899	45.777	ug/l	96
17) Carbon Disulfide	4.712	76	41817	9.171	ug/l	98
18) Methyl Acetate	5.036	43	31520	9.780	ug/l #	87
19) Methyl tert-butyl Ether	5.806	73	47344	9.462	ug/l	92
20) Methylene Chloride	5.283	84	17818	9.337	ug/l #	89
21) trans-1,2-Dichloroethene	5.794	96	15958	9.429	ug/l #	76
22) Diisopropyl ether	6.677	45	49447	9.684	ug/l #	92
23) Vinyl Acetate	6.612	43	147959	43.863	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	29793	9.465	ug/l	97
25) 2-Butanone	7.488	43	52612	46.239	ug/l #	82
26) 2,2-Dichloropropane	7.494	77	24353	9.144	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	18152	9.380	ug/l	90
28) Bromochloromethane	7.818	49	13226	9.293	ug/l #	84
29) Tetrahydrofuran	7.847	42	35766	49.394	ug/l #	79
30) Chloroform	7.971	83	30667	9.357	ug/l	99
31) Cyclohexane	8.259	56	26265	9.742	ug/l #	79
32) 1,1,1-Trichloroethane	8.171	97	26515	9.491	ug/l	98
36) 1,1-Dichloropropene	8.377	75	22830	9.600	ug/l	95
37) Ethyl Acetate	7.571	43	21838	9.334	ug/l #	92
38) Carbon Tetrachloride	8.365	117	23051	9.367	ug/l	97
39) Methylcyclohexane	9.606	83	21249	9.059	ug/l #	88
40) Benzene	8.612	78	69602	9.561	ug/l	98

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Manual Integrations APPROVED

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 Supervised By :Mahesh Dadoda 09/12/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	11489	9.373	ug/l	89
42) 1,2-Dichloroethane	8.677	62	24347	9.715	ug/l	97
43) Isopropyl Acetate	8.694	43	36875	9.528	ug/l #	90
44) Trichloroethene	9.353	130	16703	9.314	ug/l	98
45) 1,2-Dichloropropane	9.629	63	16629	9.204	ug/l	94
46) Dibromomethane	9.718	93	11942	9.737	ug/l	91
47) Bromodichloromethane	9.894	83	23464	9.340	ug/l	93
48) Methyl methacrylate	9.688	41	16375	9.446	ug/l #	79
49) 1,4-Dioxane	9.700	88	6973	195.561	ug/l #	92
51) 4-Methyl-2-Pentanone	10.453	43	104948	46.713	ug/l	94
52) Toluene	10.635	92	40557	9.065	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	24358	9.196	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	26672	9.414	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	17092	9.736	ug/l #	95
56) Ethyl methacrylate	10.876	69	22344	9.017	ug/l #	85
57) 1,3-Dichloropropane	11.170	76	28426	9.367	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	43438	45.531	ug/l	92
59) 2-Hexanone	11.200	43	74231	45.618	ug/l	91
60) Dibromochloromethane	11.365	129	17302	9.261	ug/l	100
61) 1,2-Dibromoethane	11.476	107	16192	9.243	ug/l	99
64) Tetrachloroethene	11.112	164	14058	9.811	ug/l	90
65) Chlorobenzene	11.900	112	41906	9.413	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	16832	10.083	ug/l	94
67) Ethyl Benzene	11.970	91	73436	9.644	ug/l	96
68) m/p-Xylenes	12.076	106	54850	19.326	ug/l	96
69) o-Xylene	12.406	106	26313	9.667	ug/l	95
70) Styrene	12.417	104	40403	9.229	ug/l	96
71) Bromoform	12.582	173	12116	9.832	ug/l #	98
73) Isopropylbenzene	12.700	105	65087	10.061	ug/l	100
74) N-amyl acetate	12.500	43	23291	9.490	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	23759	9.863	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	19284m	10.455	ug/l	
77) Bromobenzene	12.982	156	16281	9.939	ug/l	99
78) n-propylbenzene	13.041	91	72420	9.966	ug/l	99
79) 2-Chlorotoluene	13.129	91	47332	9.958	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	54247	10.064	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	7391	10.604	ug/l	95
82) 4-Chlorotoluene	13.229	91	44188	9.894	ug/l	99
83) tert-Butylbenzene	13.441	119	45588	10.223	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	52588	10.244	ug/l	99
85) sec-Butylbenzene	13.623	105	60811	9.906	ug/l	99
86) p-Isopropyltoluene	13.735	119	48987	9.988	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	25912	9.645	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	25533	9.405	ug/l	96
89) n-Butylbenzene	14.064	91	35674	9.250	ug/l	99
90) Hexachloroethane	14.341	117	10288	10.329	ug/l	82
91) 1,2-Dichlorobenzene	14.111	146	25832	9.740	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.729	75	4127	10.873	ug/l	97
93) 1,2,4-Trichlorobenzene	15.405	180	8539	8.959	ug/l	96
94) Hexachlorobutadiene	15.505	225	7401	9.871	ug/l	97
95) Naphthalene	15.647	128	23614	8.342	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	10249	9.116	ug/l	97

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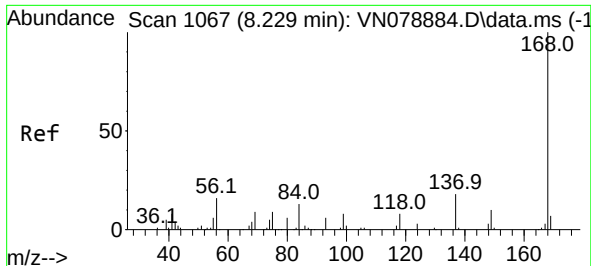
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 09/12/2023

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
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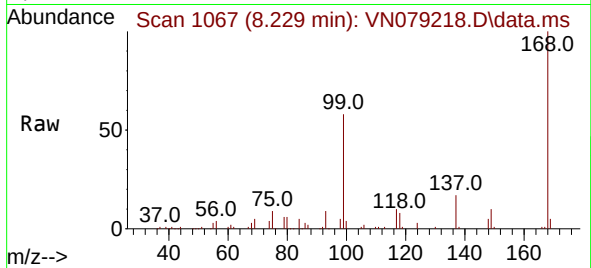
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VN079218.D
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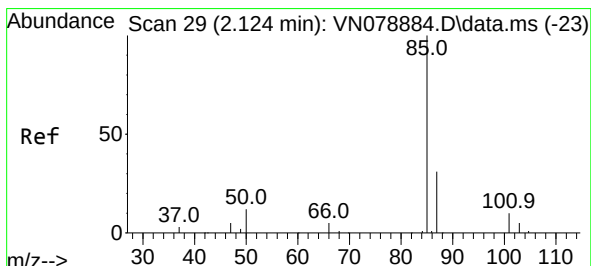
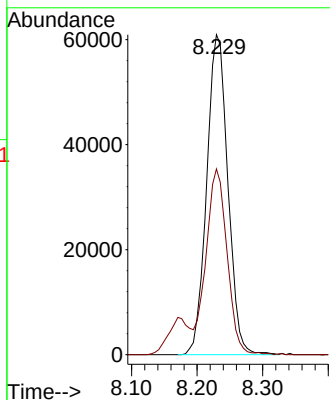
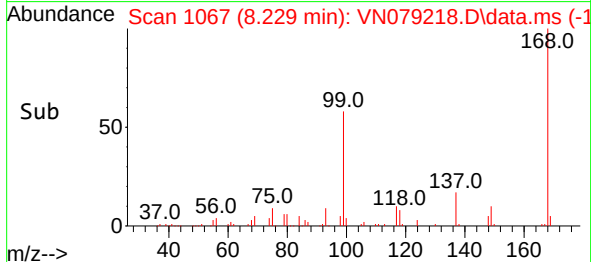
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



Tgt Ion:168 Resp: 13678
Ion Ratio Lower Upper
168 100
99 57.8 53.0 79.6

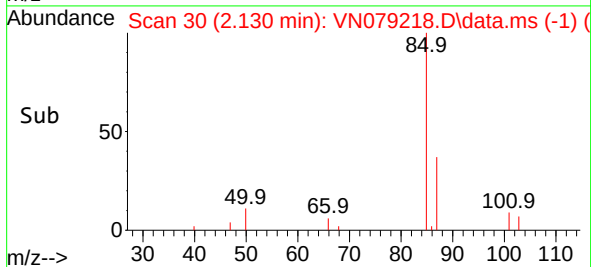
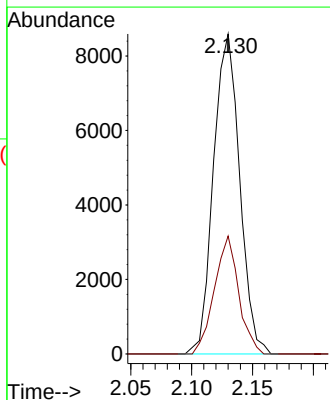
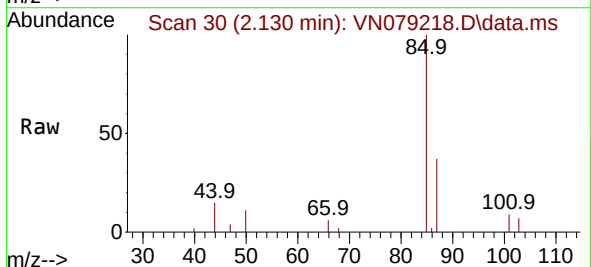
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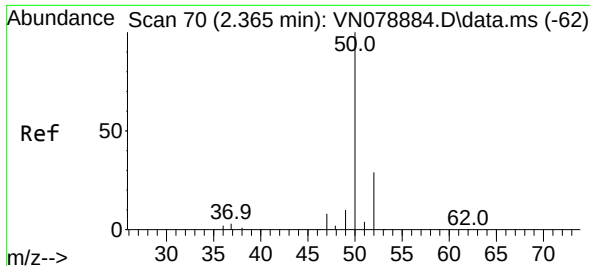
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#2
Dichlorodifluoromethane
Concen: 9.489 ug/l
RT: 2.130 min Scan# 30
Delta R.T. -0.006 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

Tgt Ion: 85 Resp: 12843
Ion Ratio Lower Upper
85 100
87 36.8 15.8 47.4





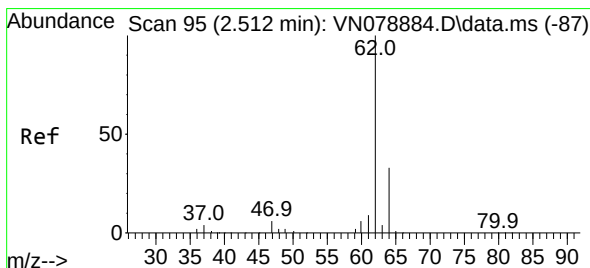
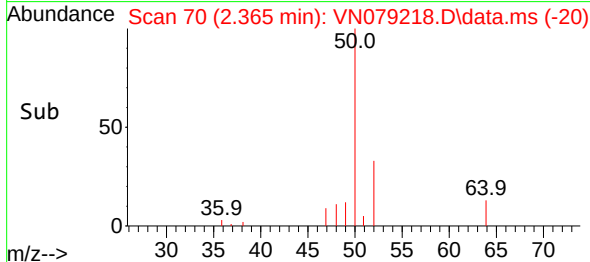
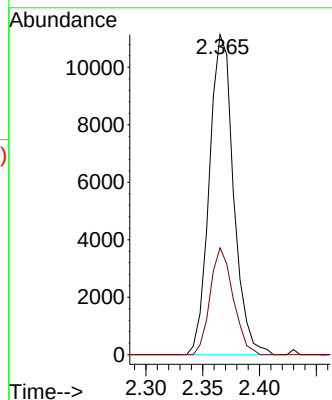
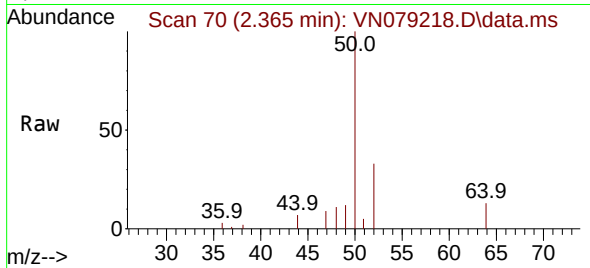
#3
Chloromethane
Concen: 9.303 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

Instrument :
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VSTDICC010

Tgt Ion: 50 Resp: 16529
Ion Ratio Lower Upper
50 100
52 33.4 26.5 39.7

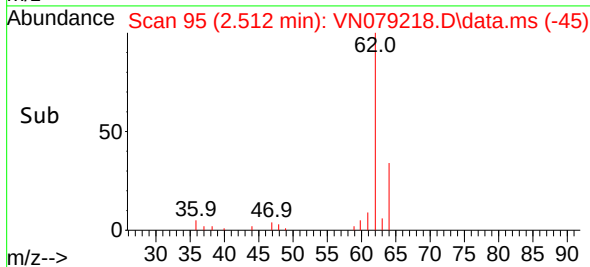
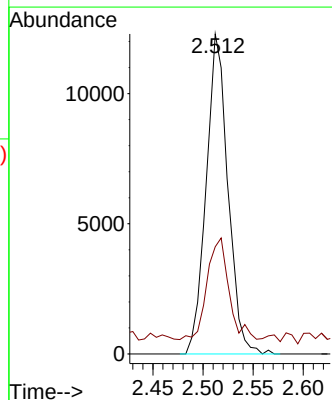
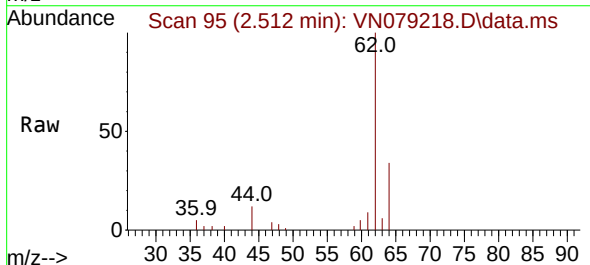
Manual Integrations
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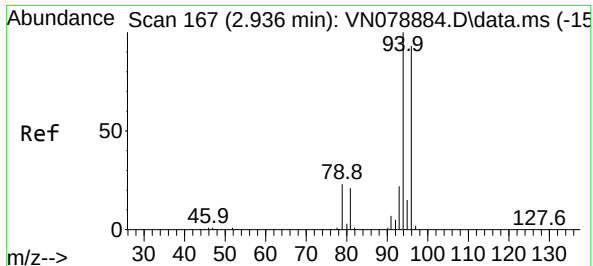
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#4
Vinyl Chloride
Concen: 9.598 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

Tgt Ion: 62 Resp: 18581
Ion Ratio Lower Upper
62 100
64 29.7 26.2 39.2





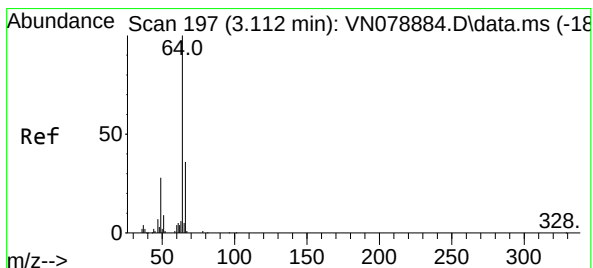
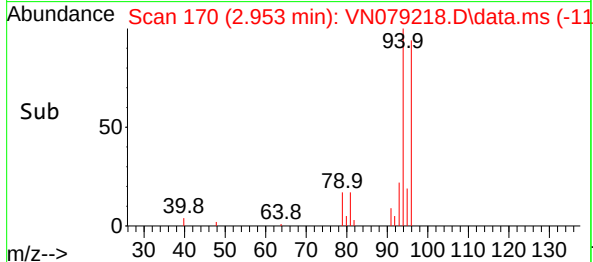
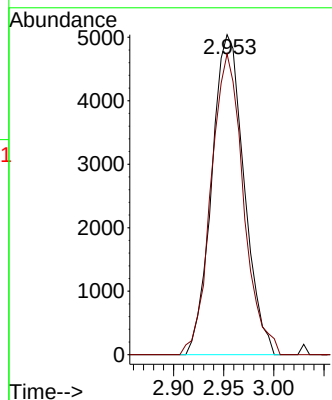
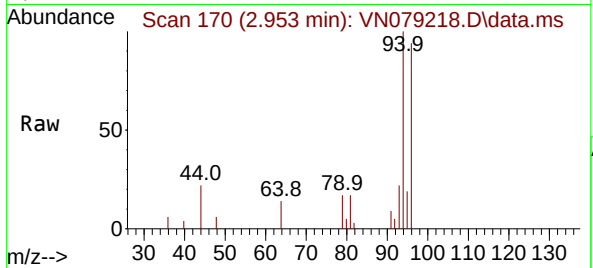
#5
Bromomethane
Concen: 10.160 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.005 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 94 Resp: 11300
Ion Ratio Lower Upper
94 100
96 94.0 73.1 109.7

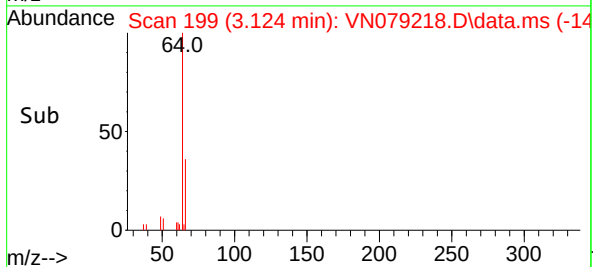
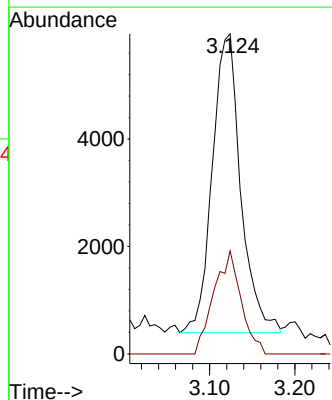
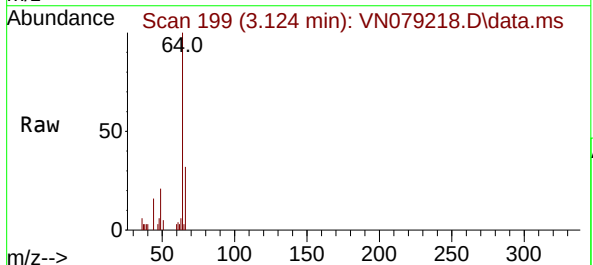
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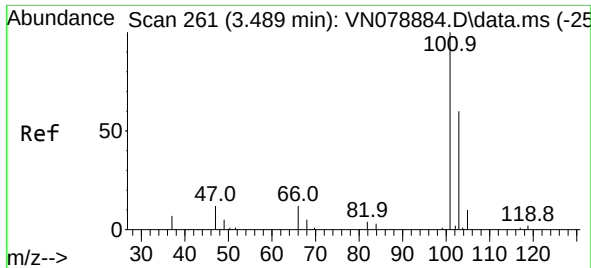
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#6
Chloroethane
Concen: 9.643 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

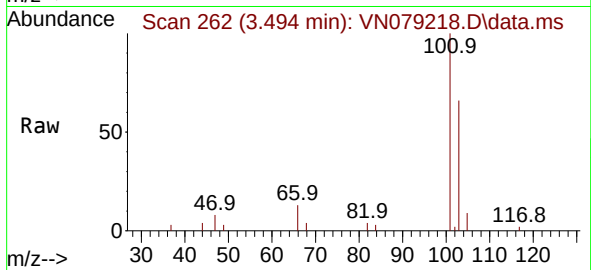
Tgt Ion: 64 Resp: 12889
Ion Ratio Lower Upper
64 100
66 34.5 25.4 38.2





#7
Trichlorofluoromethane
Concen: 9.463 ug/l
RT: 3.494 min Scan# 261
Delta R.T. -0.006 min
Lab File: VN079218.D
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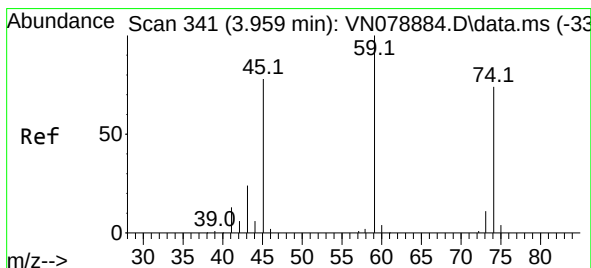
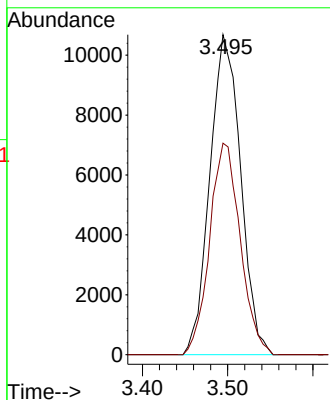
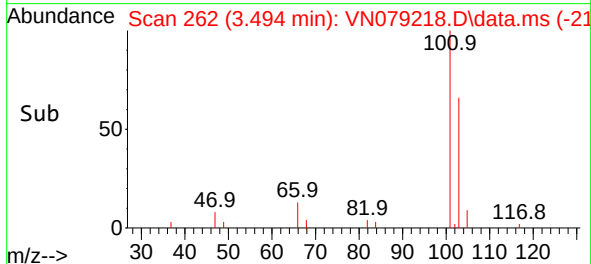
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:101 Resp: 26820
Ion Ratio Lower Upper
101 100
103 66.1 50.7 76.1

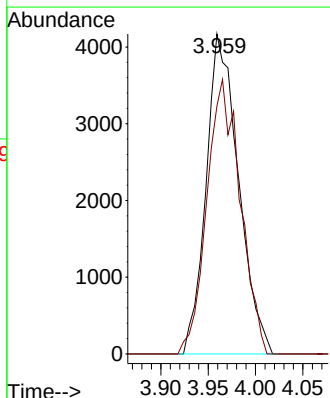
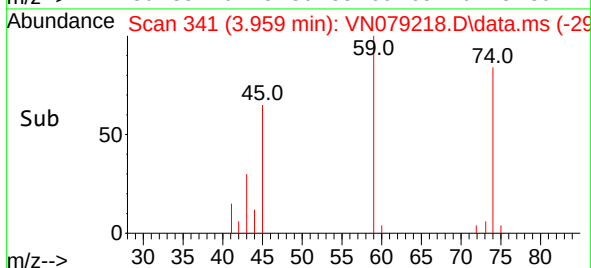
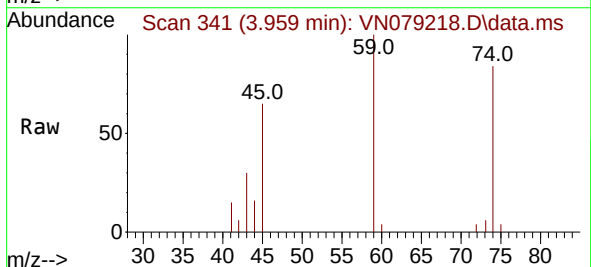
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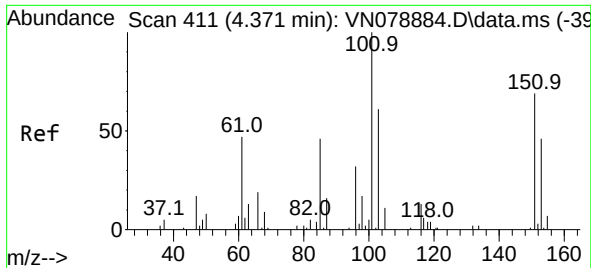
Reviewed By :John Carlone 09/12/2023
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#8
Diethyl Ether
Concen: 10.077 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.012 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

Tgt Ion: 74 Resp: 9915
Ion Ratio Lower Upper
74 100
45 88.6 34.4 103.3





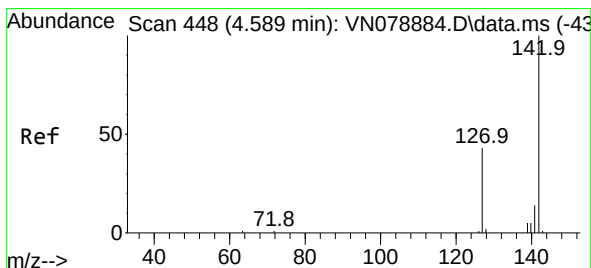
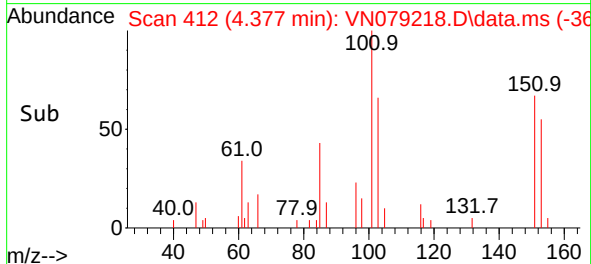
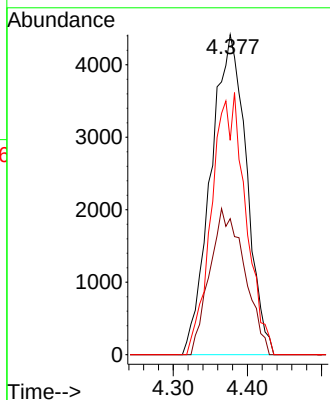
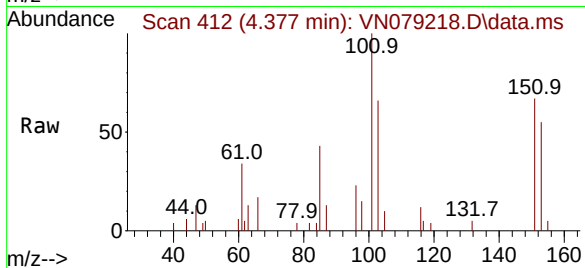
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1,1,2-Trichlorotrifluoroethane
Concen: 9.804 ug/l
RT: 4.377 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

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Tgt Ion:101 Resp: 14780
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 77.8 57.6 86.4

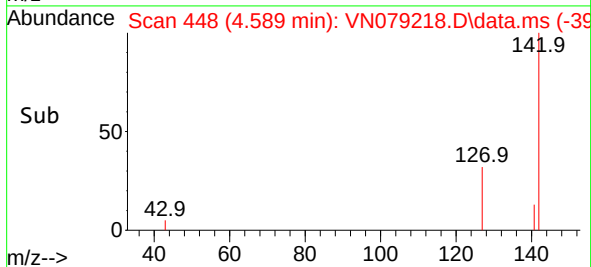
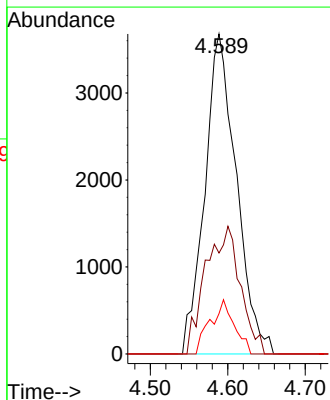
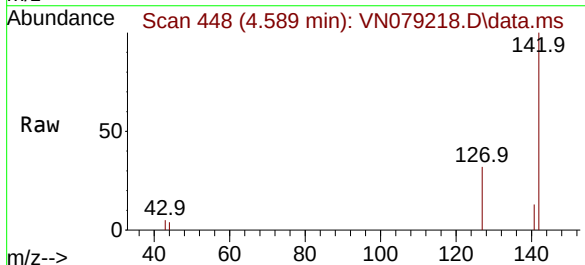
Manual Integrations
APPROVED

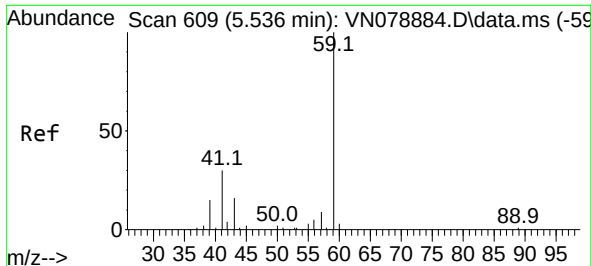
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#10
Methyl Iodide
Concen: 8.446 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

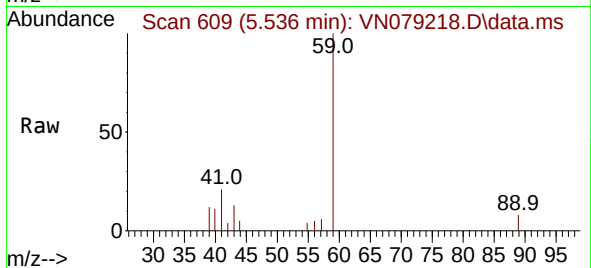
Tgt Ion:142 Resp: 10416
Ion Ratio Lower Upper
142 100
127 31.6 37.6 56.4#
141 12.6 11.4 17.0





#11
Tert butyl alcohol
Concen: 46.934 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

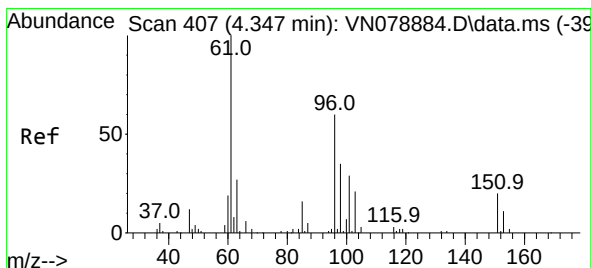
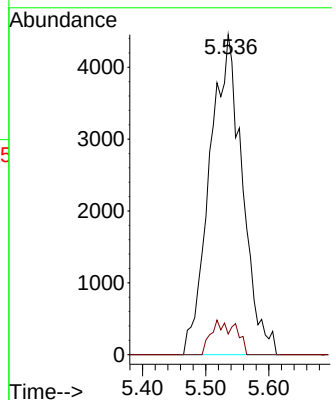
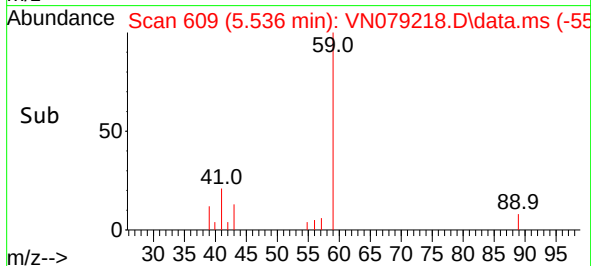
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



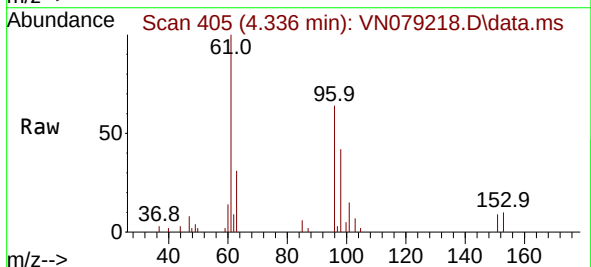
Tgt Ion: 59 Resp: 16000
Ion Ratio Lower Upper
59 100
57 5.2 8.2 12.4

Manual Integrations
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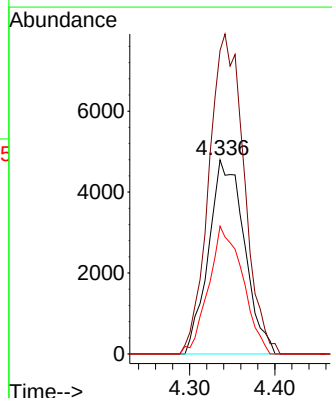
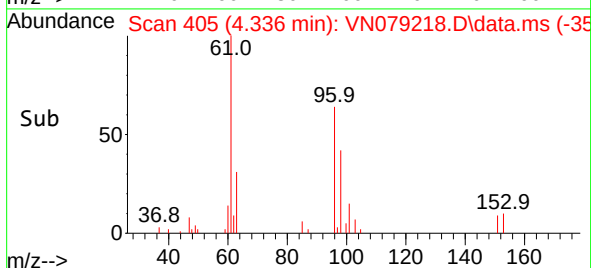
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

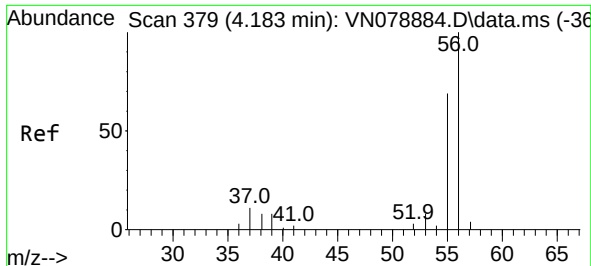


#12
1,1-Dichloroethene
Concen: 9.562 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43



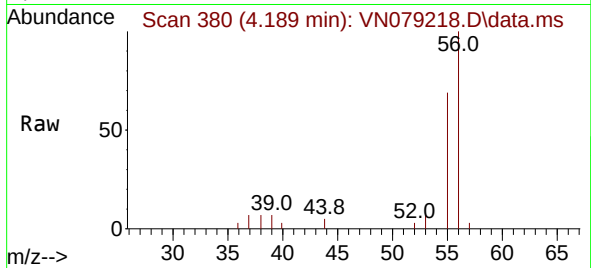
Tgt Ion: 96 Resp: 13950
Ion Ratio Lower Upper
96 100
61 156.3 112.7 169.1
98 65.8 51.2 76.8





#13
Acrolein
Concen: 49.261 ug/l
RT: 4.189 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

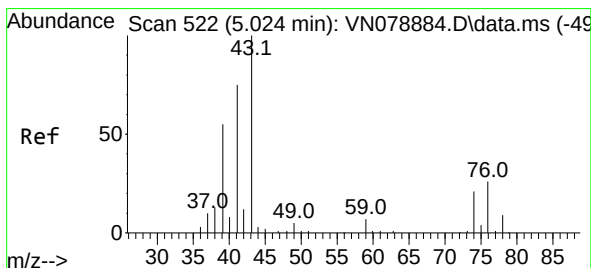
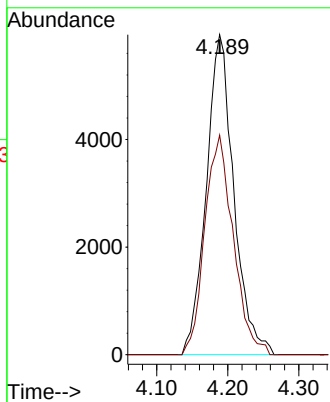
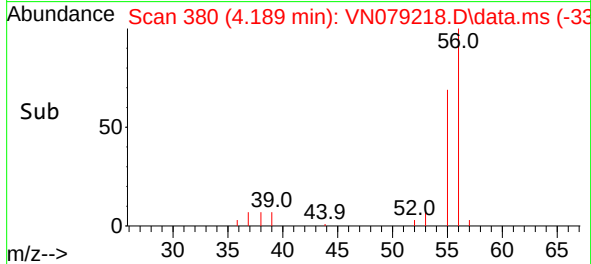
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



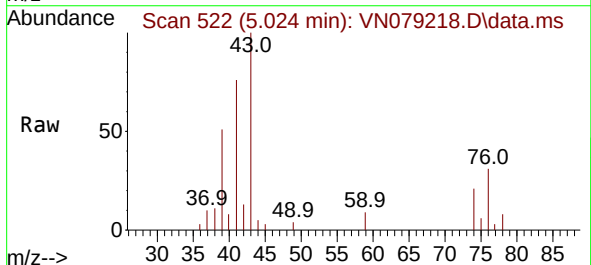
Tgt Ion: 56 Resp: 16019
Ion Ratio Lower Upper
56 100
55 71.0 54.5 81.7

Manual Integrations
APPROVED

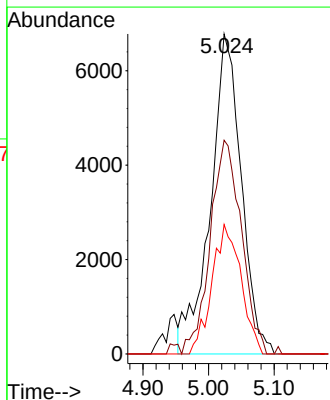
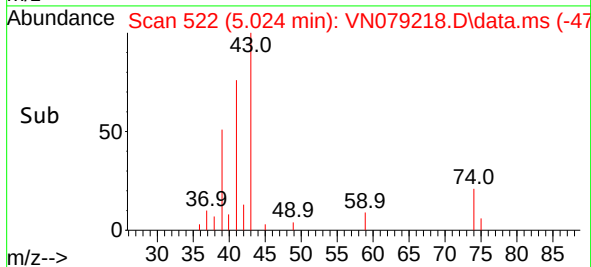
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

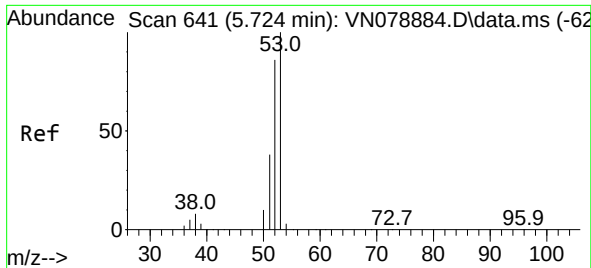


#14
Allyl chloride
Concen: 9.486 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43



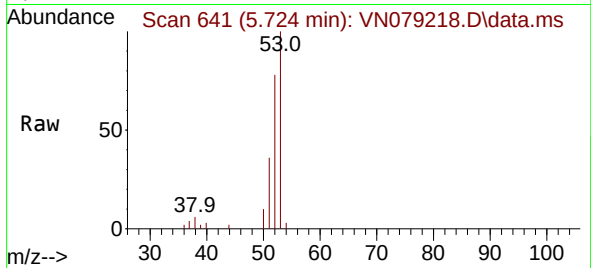
Tgt Ion: 41 Resp: 22076
Ion Ratio Lower Upper
41 100
39 67.6 58.8 88.2
76 38.1 39.1 58.7#





#15
Acrylonitrile
Concen: 47.143 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

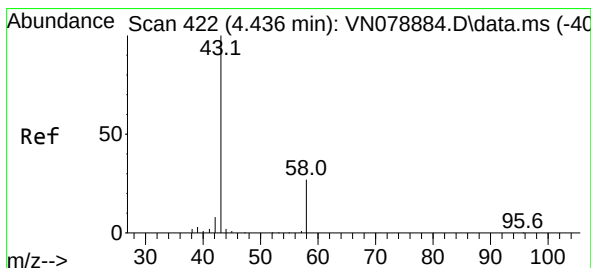
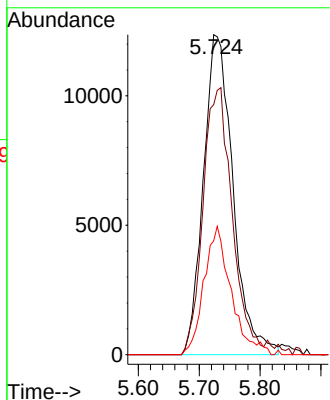
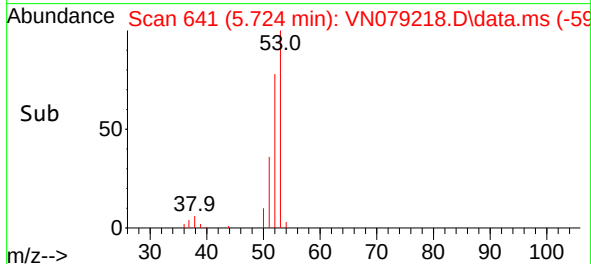
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



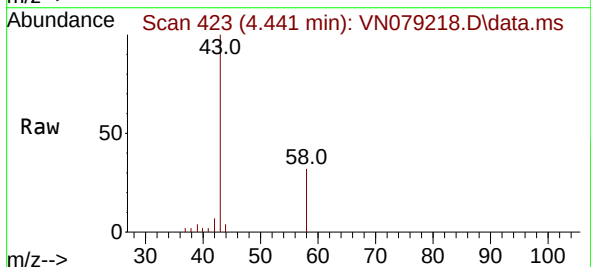
Tgt Ion: 53 Resp: 41672
Ion Ratio Lower Upper
53 100
52 82.2 65.3 97.9
51 36.6 28.9 43.3

Manual Integrations
APPROVED

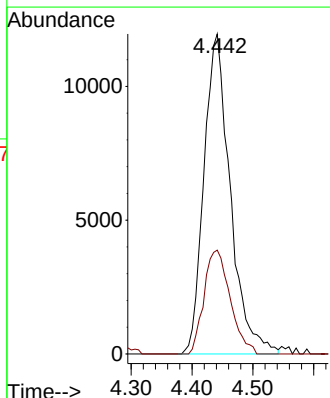
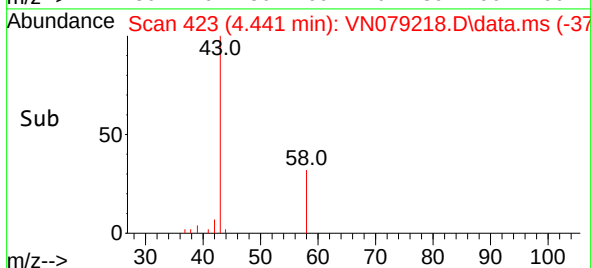
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

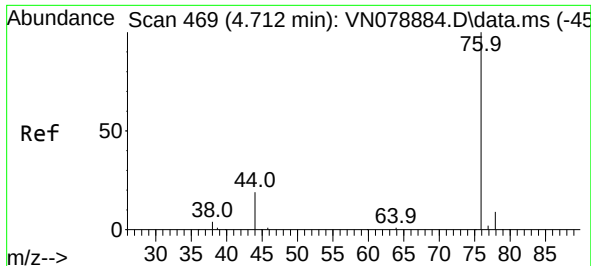


#16
Acetone
Concen: 45.777 ug/l
RT: 4.441 min Scan# 423
Delta R.T. -0.001 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43



Tgt Ion: 43 Resp: 35899
Ion Ratio Lower Upper
43 100
58 32.5 28.0 42.0





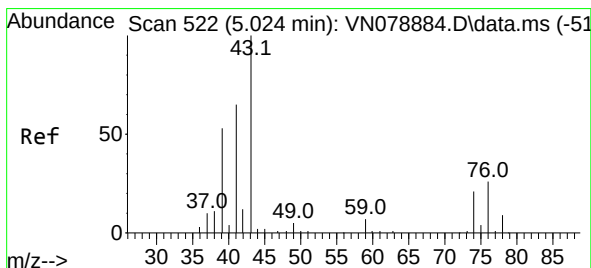
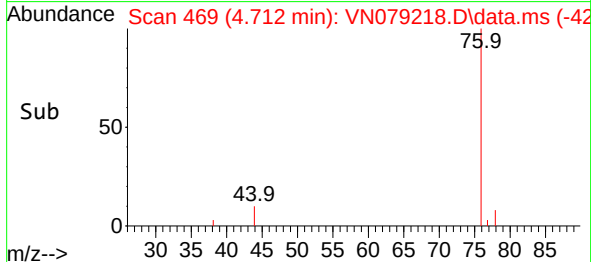
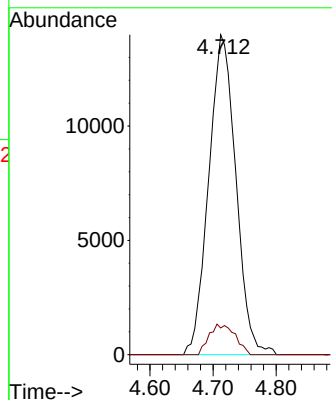
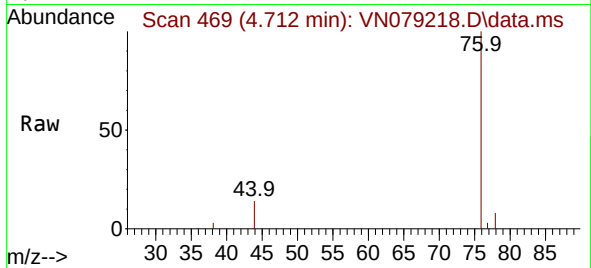
#17
Carbon Disulfide
Concen: 9.171 ug/l
RT: 4.712 min Scan# 4181
Delta R.T. -0.012 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 76 Resp: 4181
Ion Ratio Lower Upper
76 100
78 8.4 7.4 11.0

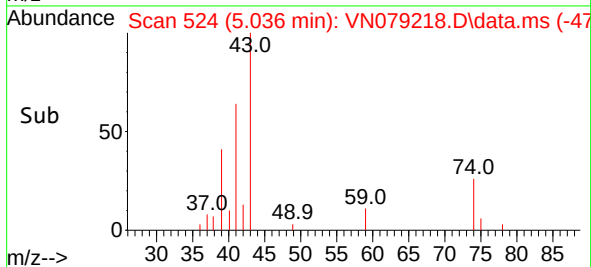
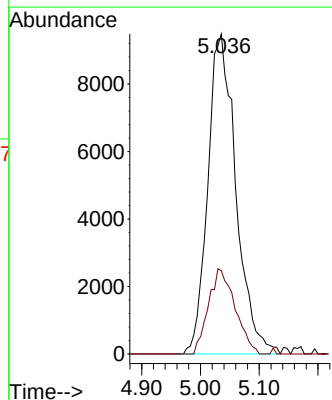
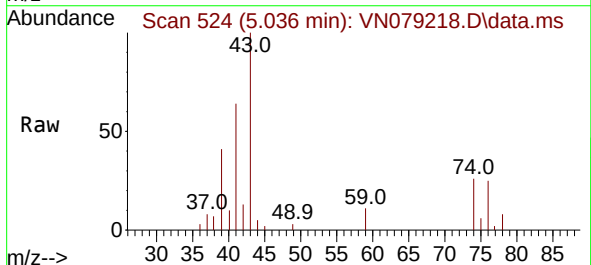
Manual Integrations
APPROVED

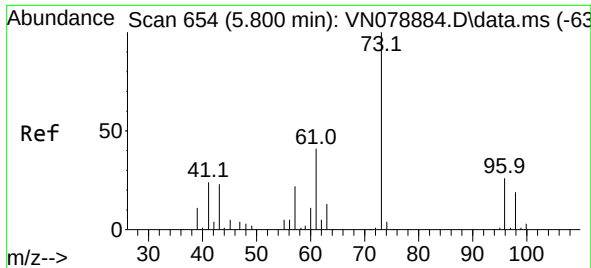
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#18
Methyl Acetate
Concen: 9.780 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.006 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

Tgt Ion: 43 Resp: 31520
Ion Ratio Lower Upper
43 100
74 25.2 26.2 39.4#





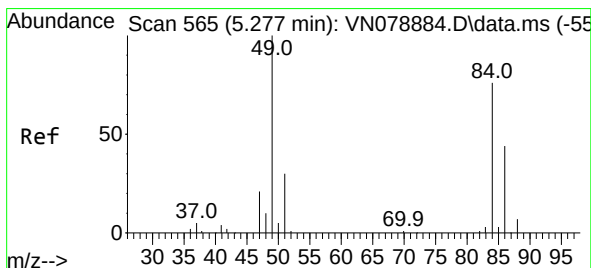
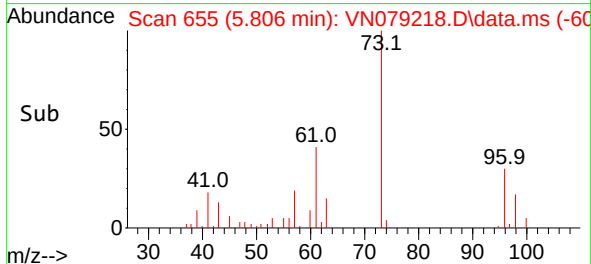
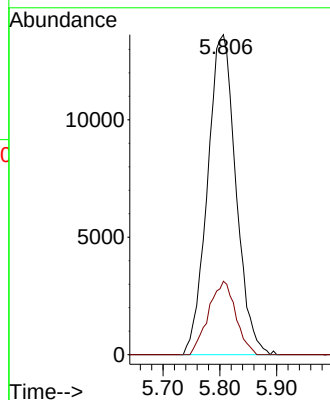
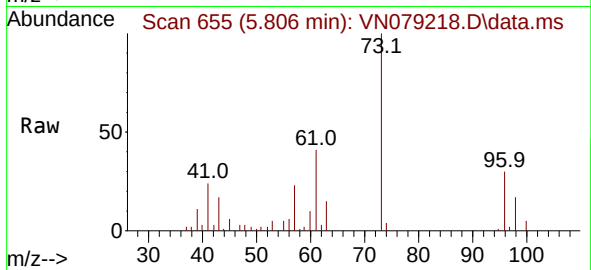
#19
Methyl tert-butyl Ether
Concen: 9.462 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.012 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 73 Resp: 47344
Ion Ratio Lower Upper
73 100
57 23.0 15.6 23.4

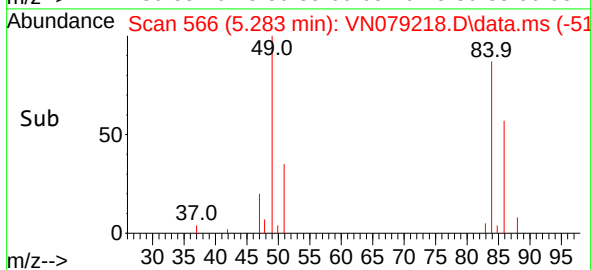
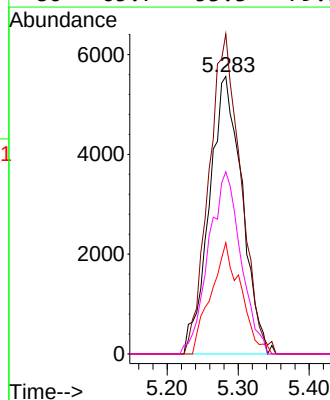
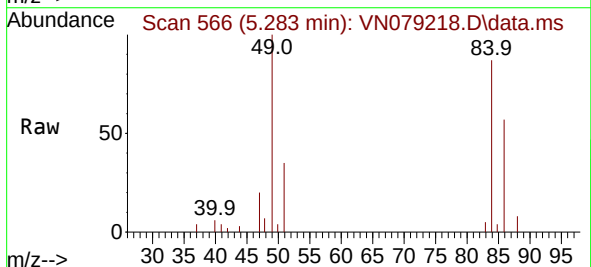
Manual Integrations
APPROVED

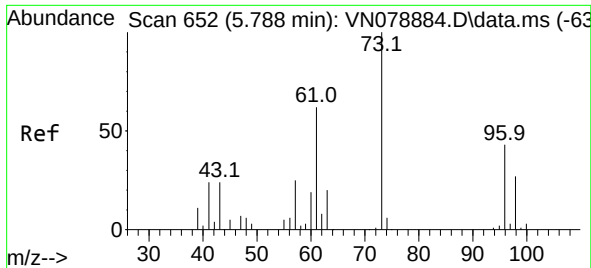
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#20
Methylene Chloride
Concen: 9.337 ug/l
RT: 5.283 min Scan# 566
Delta R.T. -0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

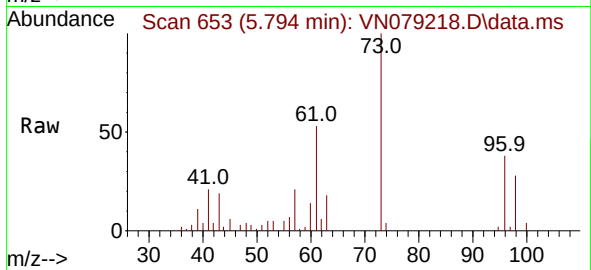
Tgt Ion: 84 Resp: 17818
Ion Ratio Lower Upper
84 100
49 115.4 79.7 119.5
51 40.1 25.2 37.8#
86 65.7 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 9.429 ug/l
RT: 5.794 min Scan# 612
Delta R.T. 0.005 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

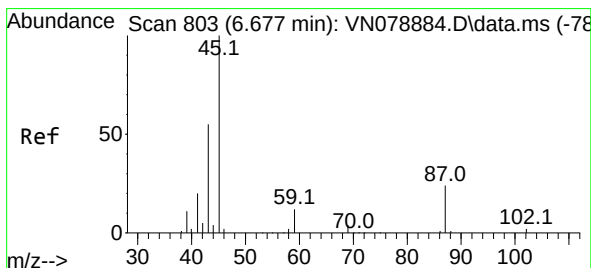
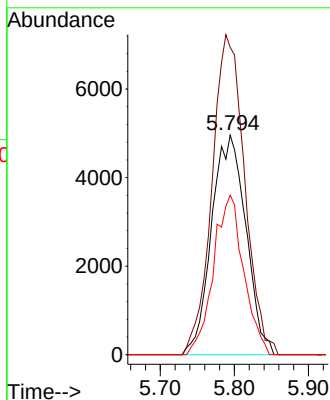
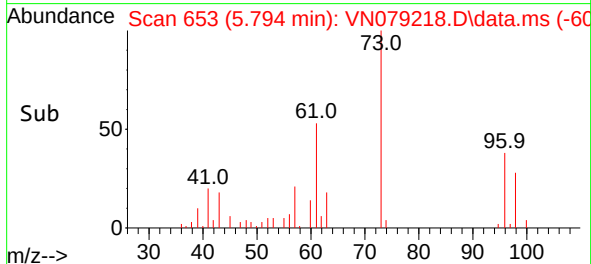
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 96 Resp: 15958
Ion Ratio Lower Upper
96 100
61 139.9 90.1 135.1
98 72.7 46.4 69.6

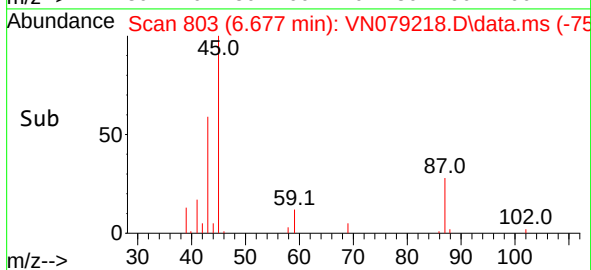
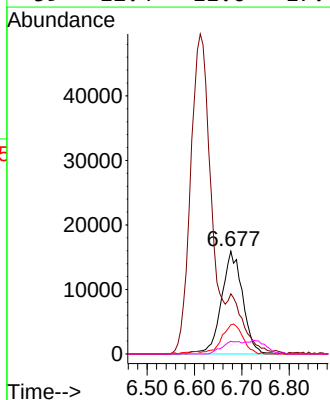
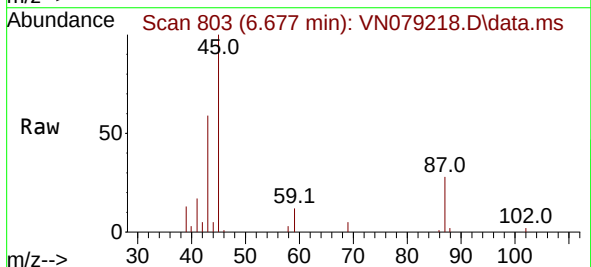
Manual Integrations
APPROVED

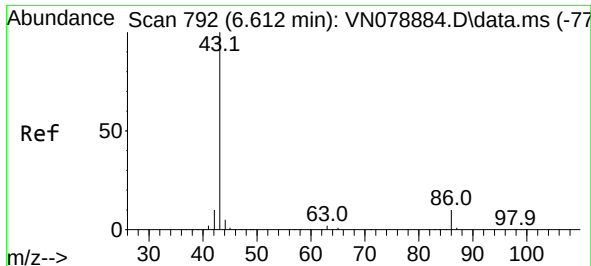
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#22
Diisopropyl ether
Concen: 9.684 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

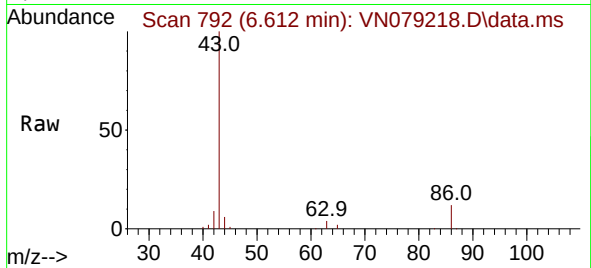
Tgt Ion: 45 Resp: 49447
Ion Ratio Lower Upper
45 100
43 55.9 45.5 68.3
87 28.4 31.8 47.8
59 12.4 11.6 17.4





#23
 Vinyl Acetate
 Concen: 43.863 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. -0.000 min
 Lab File: VN079218.D
 Acq: 11 Sep 2023 14:43

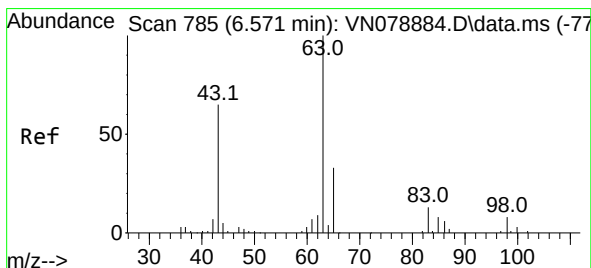
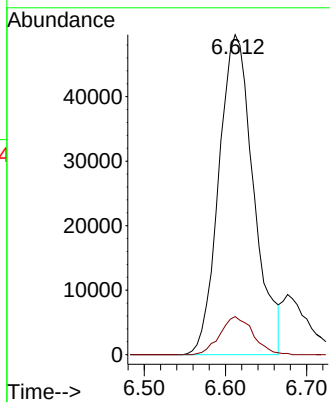
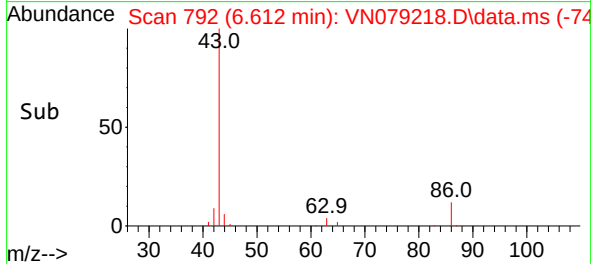
Instrument :
 MSVOA_N
 Client Sample Id :
 VSTDIC010



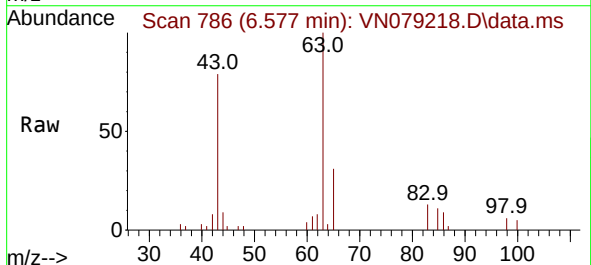
Tgt Ion: 43 Resp: 147959
 Ion Ratio Lower Upper
 43 100
 86 11.9 13.0 19.6

Manual Integrations
 APPROVED

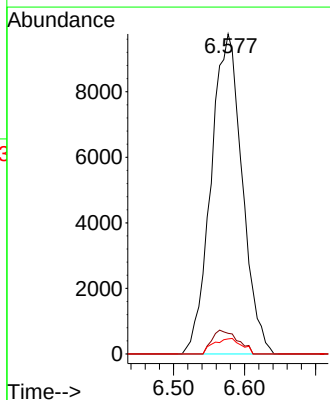
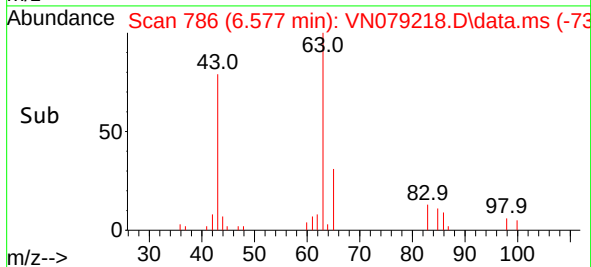
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023

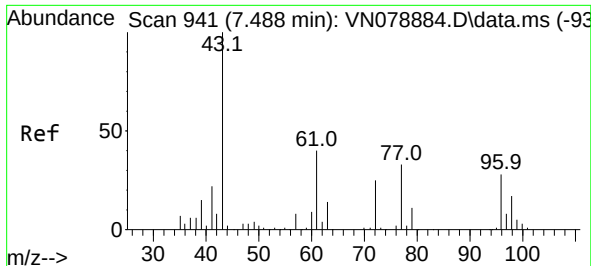


#24
 1,1-Dichloroethane
 Concen: 9.465 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN079218.D
 Acq: 11 Sep 2023 14:43



Tgt Ion: 63 Resp: 29793
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.9 11.7
 100 4.7 2.5 7.4





#25

2-Butanone

Concen: 46.239 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN079218.D

Acq: 11 Sep 2023 14:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC010

Tgt Ion: 43 Resp: 5261

Ion Ratio Lower Upper

43 100

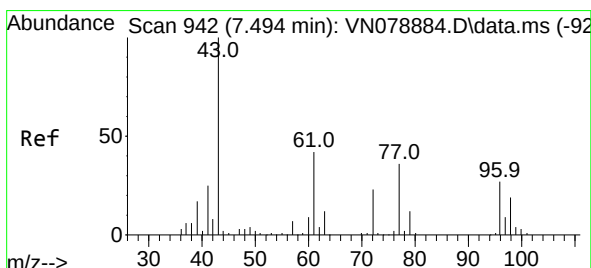
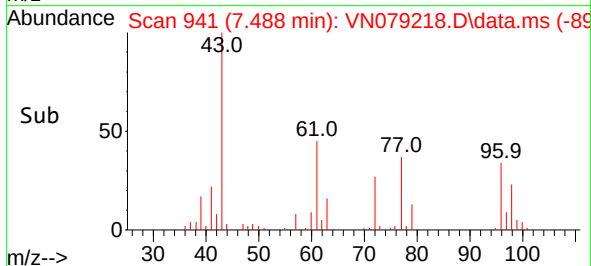
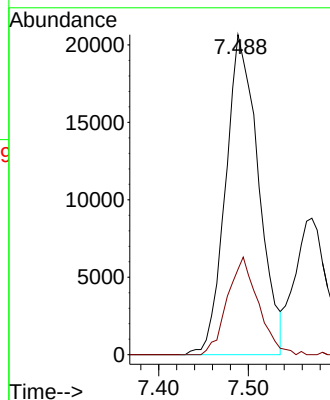
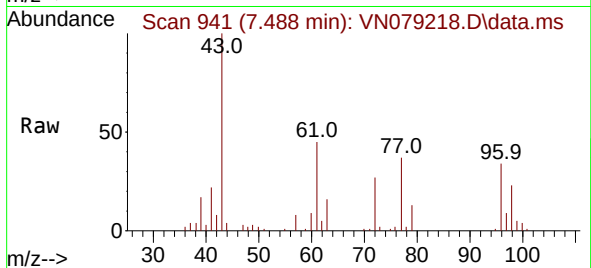
72 26.7 30.2 45.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#26

2,2-Dichloropropane

Concen: 9.144 ug/l

RT: 7.494 min Scan# 942

Delta R.T. -0.006 min

Lab File: VN079218.D

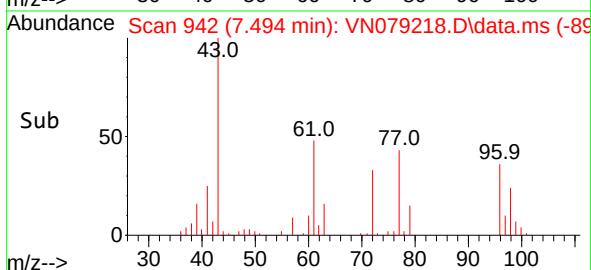
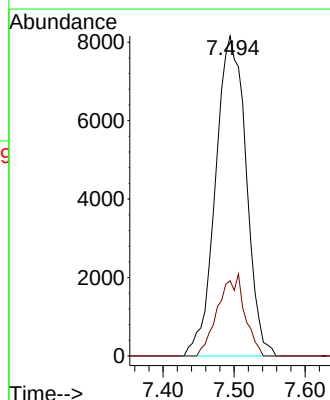
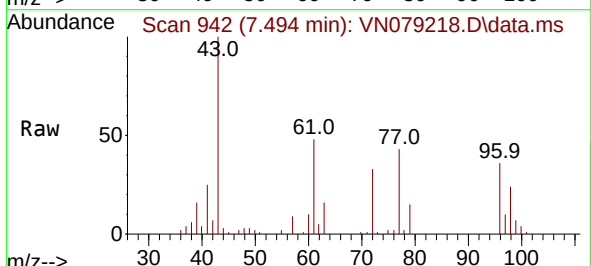
Acq: 11 Sep 2023 14:43

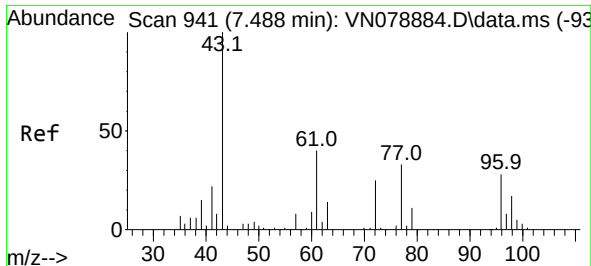
Tgt Ion: 77 Resp: 24353

Ion Ratio Lower Upper

77 100

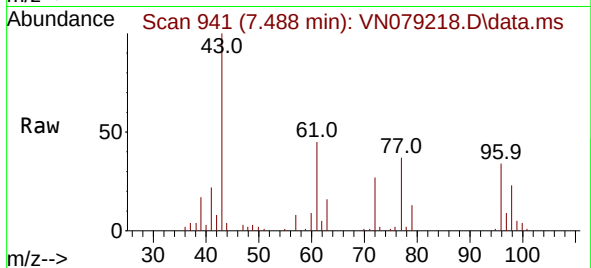
97 22.3 11.2 33.6





#27
cis-1,2-Dichloroethene
Concen: 9.380 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.012 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

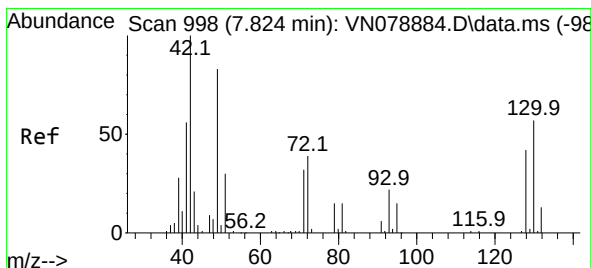
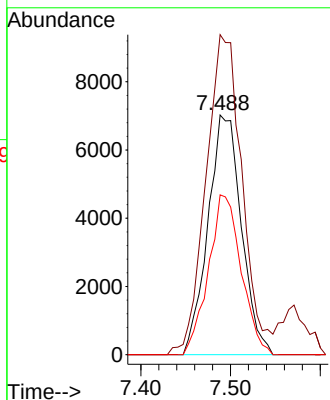
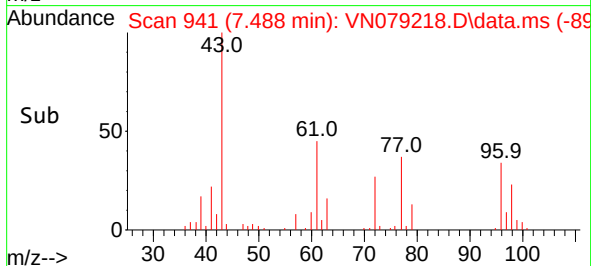
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



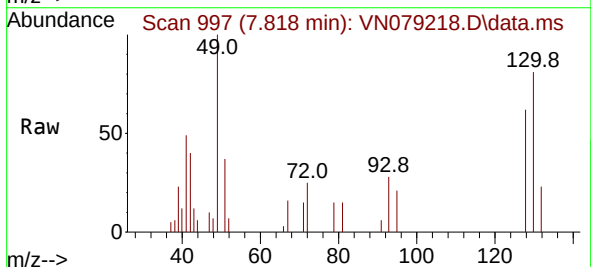
Tgt Ion: 96 Resp: 18152
Ion Ratio Lower Upper
96 100
61 144.4 0.0 255.2
98 65.4 0.0 128.8

Manual Integrations
APPROVED

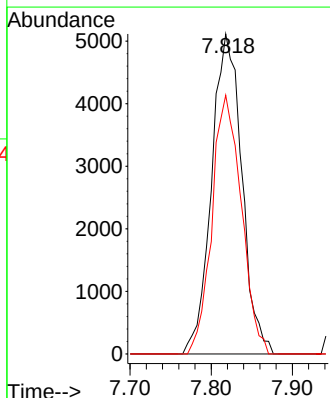
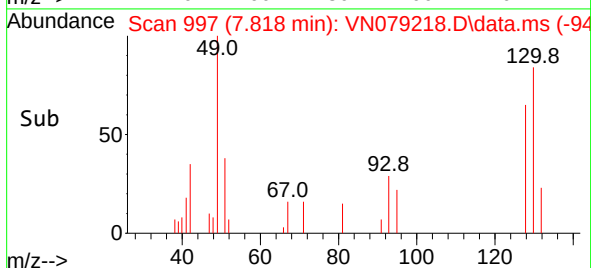
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

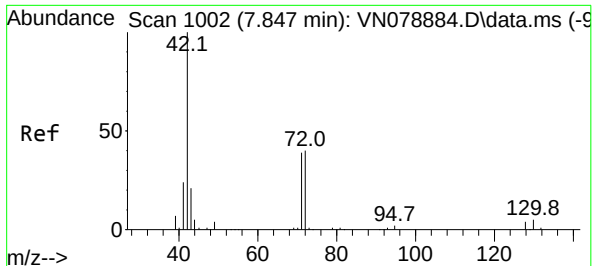


#28
Bromochloromethane
Concen: 9.293 ug/l
RT: 7.818 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43



Tgt Ion: 49 Resp: 13226
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 78.4 75.3 112.9





#29

Tetrahydrofuran

Concen: 49.394 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN079218.D

Acq: 11 Sep 2023 14:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 42 Resp: 3576

Ion Ratio Lower Upper

42 100

72 46.8 49.8 74.6

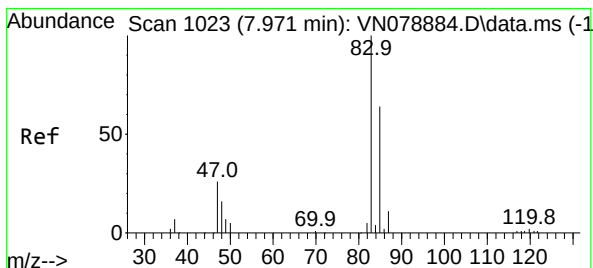
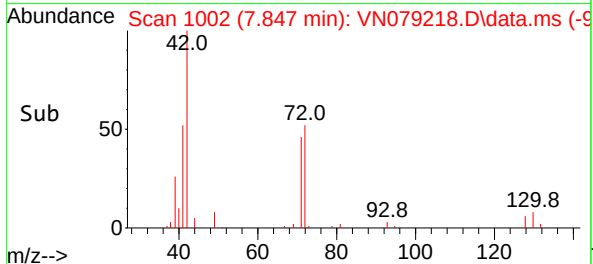
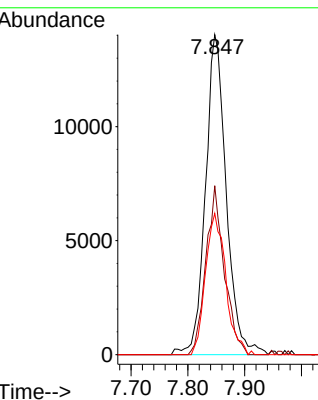
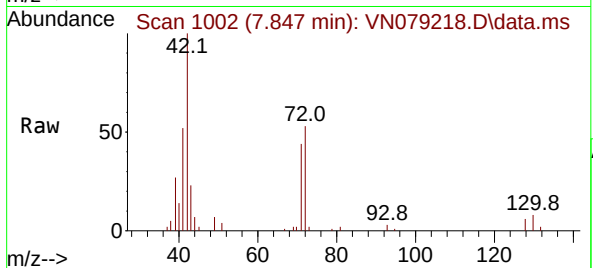
71 43.0 47.4 71.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#30

Chloroform

Concen: 9.357 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. -0.006 min

Lab File: VN079218.D

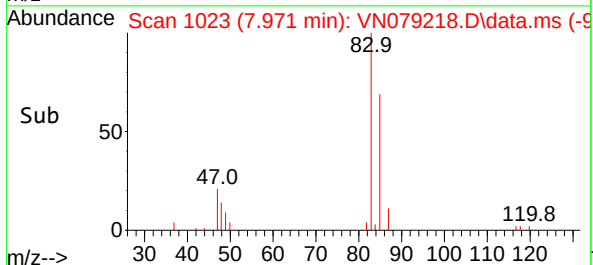
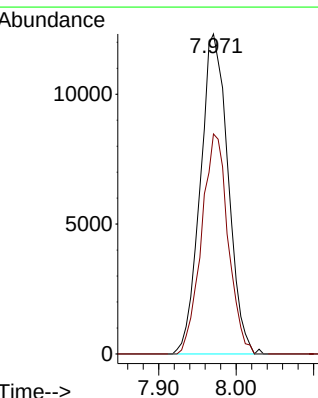
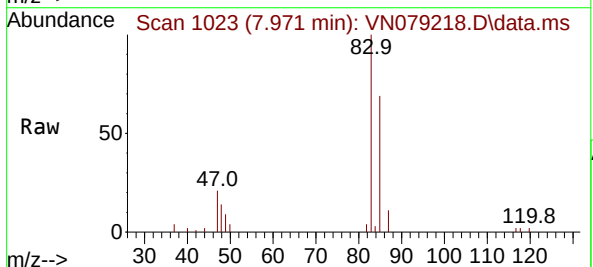
Acq: 11 Sep 2023 14:43

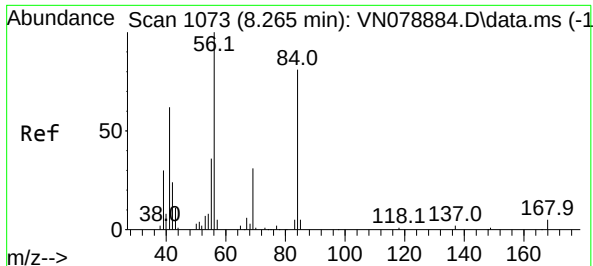
Tgt Ion: 83 Resp: 30667

Ion Ratio Lower Upper

83 100

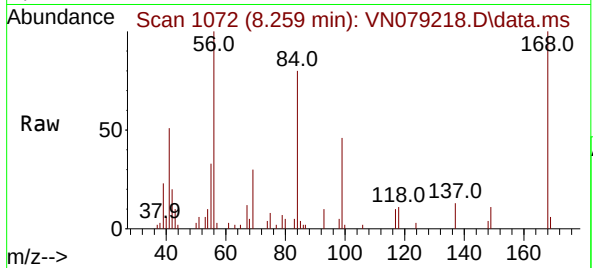
85 68.8 55.4 83.0





#31
Cyclohexane
Concen: 9.742 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

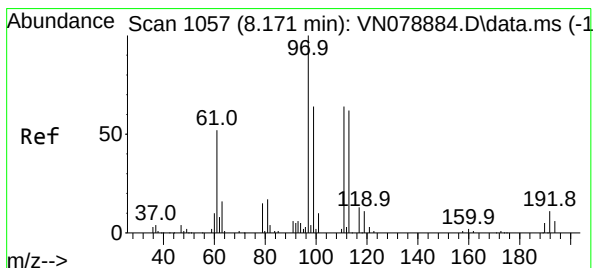
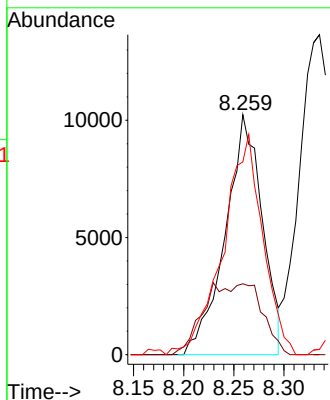
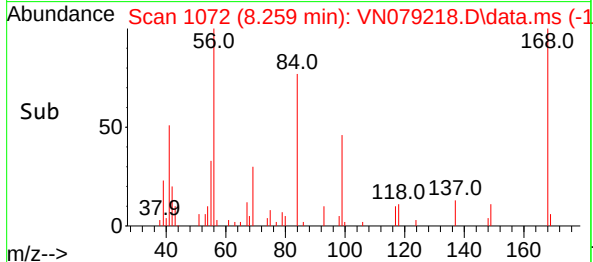
Instrument : MSVOA_N
ClientSampleId : VSTDIC010



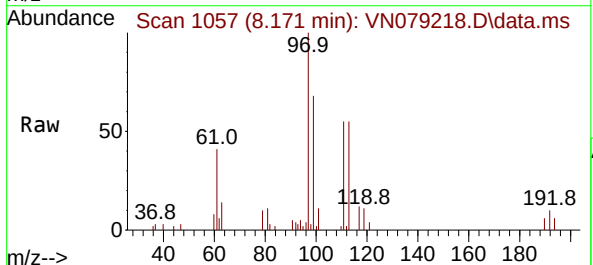
Tgt Ion: 56 Resp: 2626
Ion Ratio Lower Upper
56 100
69 27.7 26.8 40.2
84 77.9 81.8 122.6

Manual Integrations
APPROVED

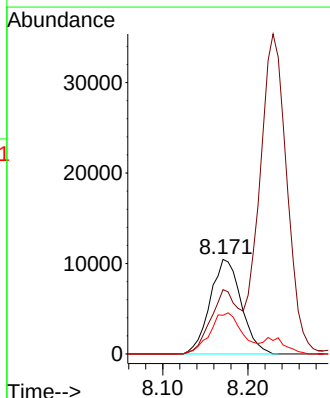
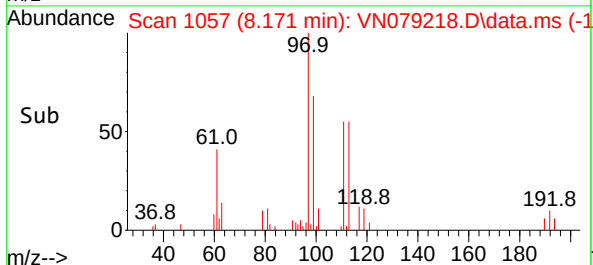
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

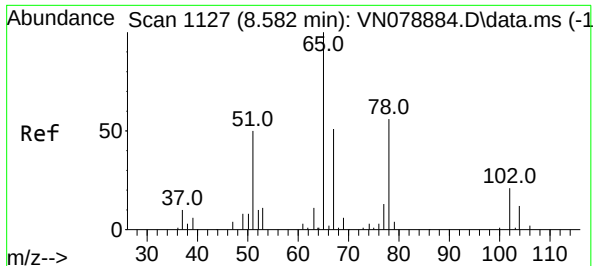


#32
1,1,1-Trichloroethane
Concen: 9.491 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43



Tgt Ion: 97 Resp: 26515
Ion Ratio Lower Upper
97 100
99 61.7 50.3 75.5
61 45.5 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 9.159 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. -0.001 min

Lab File: VN079218.D

Acq: 11 Sep 2023 14:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 65 Resp: 1691

Ion Ratio Lower Upper

65 100

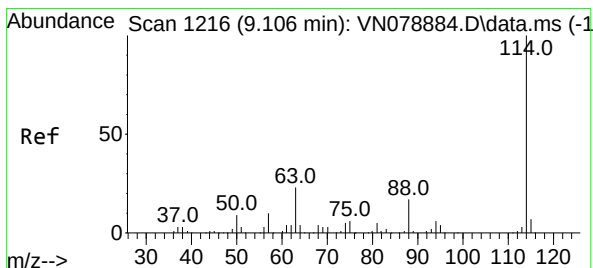
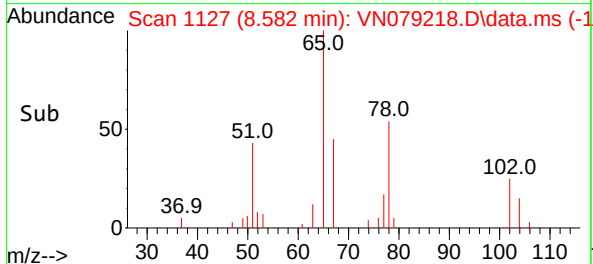
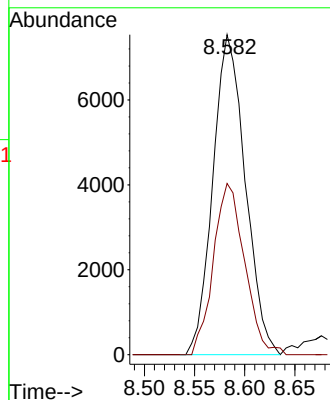
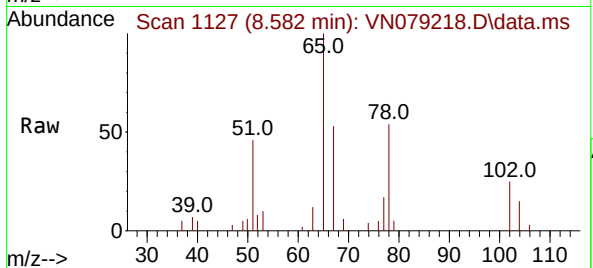
67 51.7 0.0 106.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.006 min

Lab File: VN079218.D

Acq: 11 Sep 2023 14:43

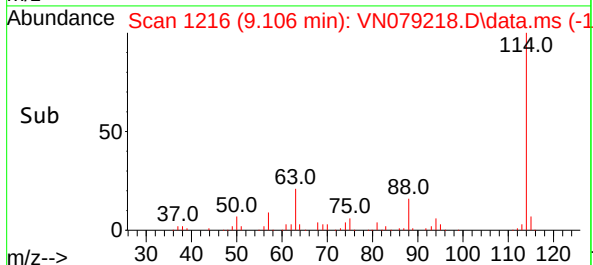
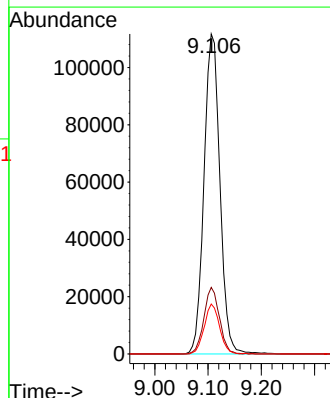
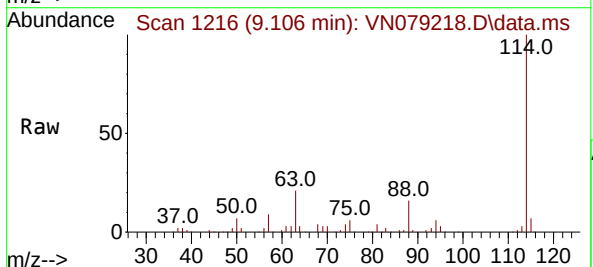
Tgt Ion:114 Resp: 231940

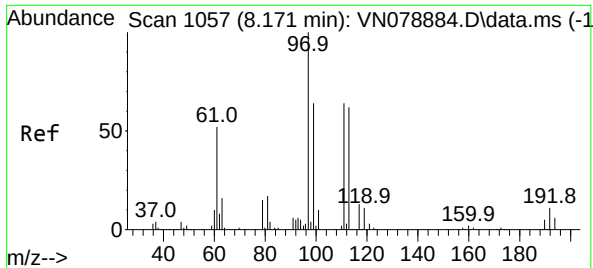
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.4

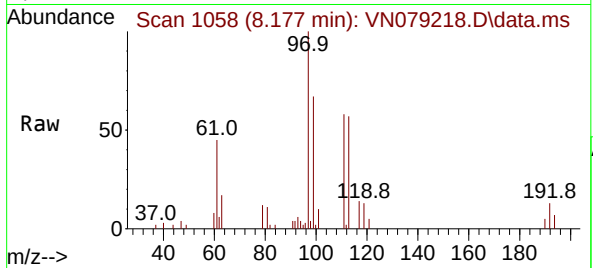
88 15.6 0.0 30.6





#35
Dibromofluoromethane
Concen: 9.079 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

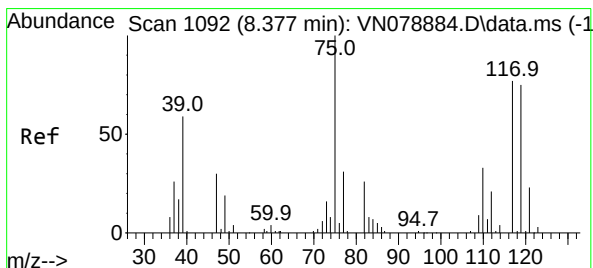
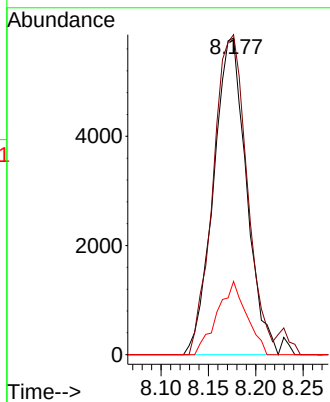
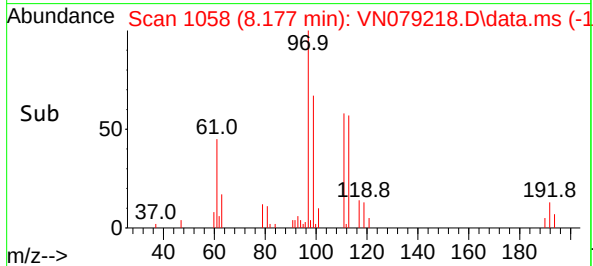
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



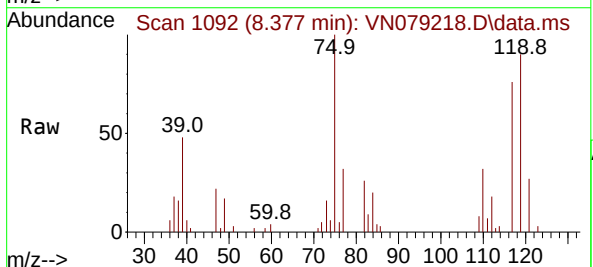
Tgt Ion: 113 Resp: 14008
Ion Ratio Lower Upper
113 100
111 104.0 82.6 123.8
192 20.6 12.7 19.1

Manual Integrations
APPROVED

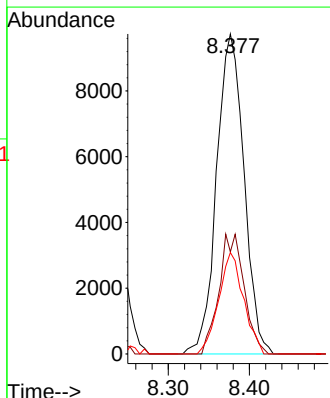
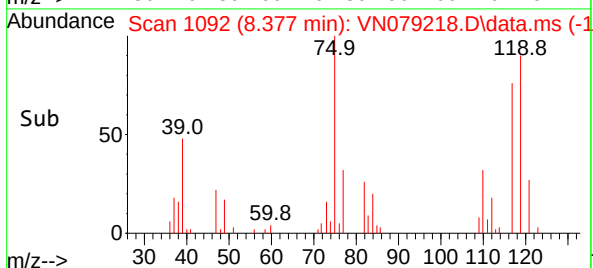
Reviewed By : John Carlone 09/12/2023
Supervised By : Mahesh Dadoda 09/12/2023

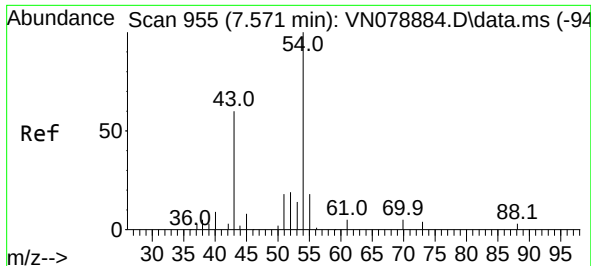


#36
1,1-Dichloropropene
Concen: 9.600 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43



Tgt Ion: 75 Resp: 22830
Ion Ratio Lower Upper
75 100
110 34.5 19.1 57.3
77 28.8 25.0 37.4





#37

Ethyl Acetate

Concen: 9.334 ug/l

RT: 7.571 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN079218.D

Acq: 11 Sep 2023 14:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 43 Resp: 21838

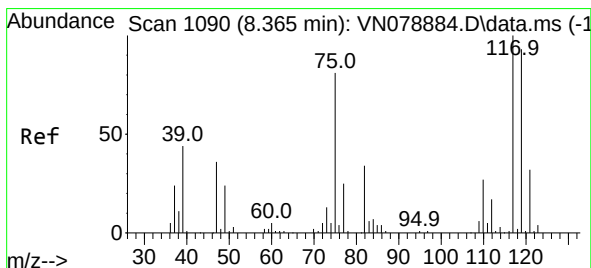
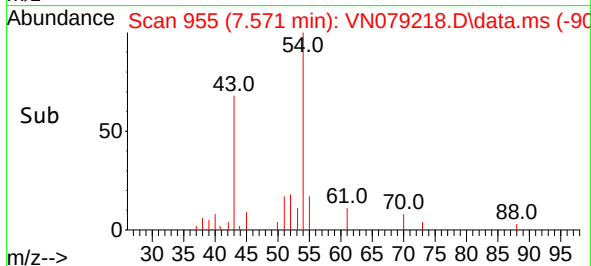
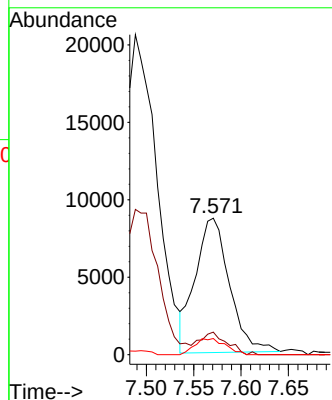
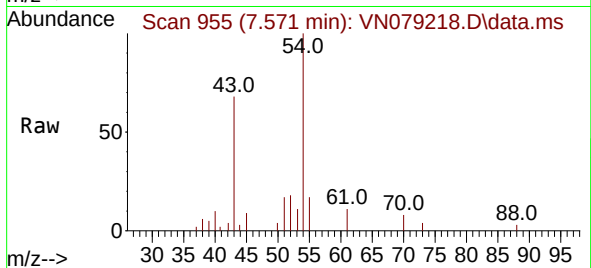
Ion	Ratio	Lower	Upper
43	100		
61	13.2	13.2	19.8
70	10.7	11.3	16.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#38

Carbon Tetrachloride

Concen: 9.367 ug/l

RT: 8.365 min Scan# 1090

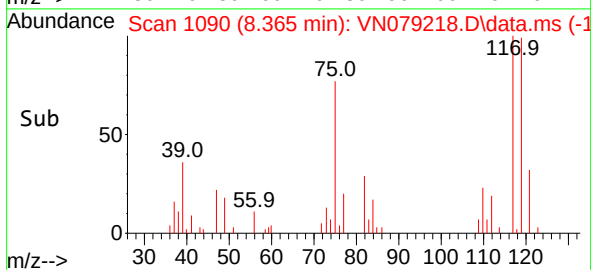
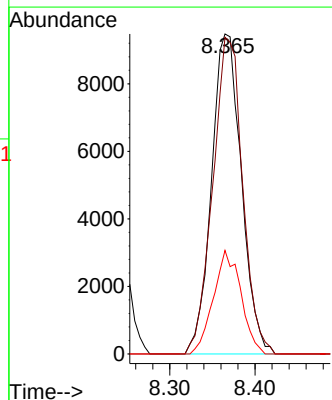
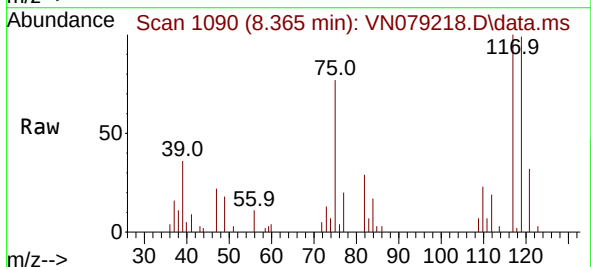
Delta R.T. -0.006 min

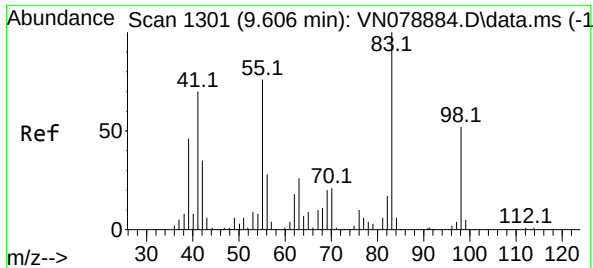
Lab File: VN079218.D

Acq: 11 Sep 2023 14:43

Tgt Ion: 117 Resp: 23051

Ion	Ratio	Lower	Upper
117	100		
119	99.0	77.3	115.9
121	32.4	23.3	34.9





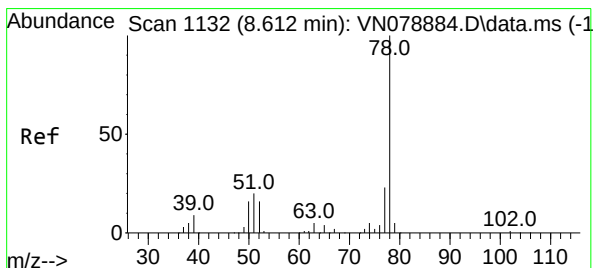
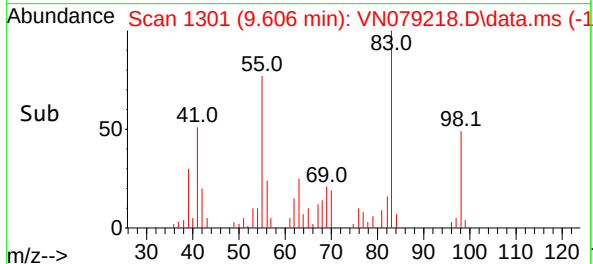
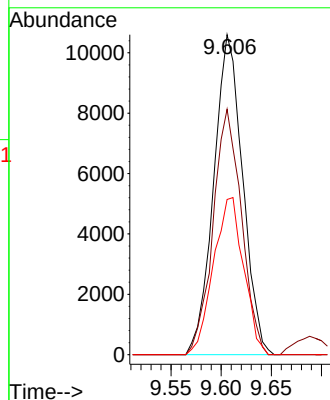
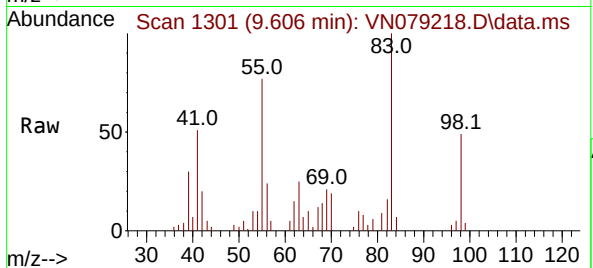
#39
Methylcyclohexane
Concen: 9.059 ug/l
RT: 9.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 21249
Ion Ratio Lower Upper
83 100
55 76.7 49.1 73.7
98 48.5 40.6 61.0

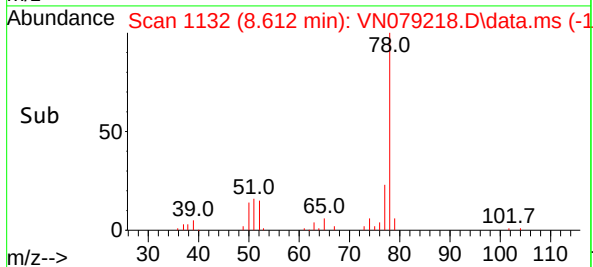
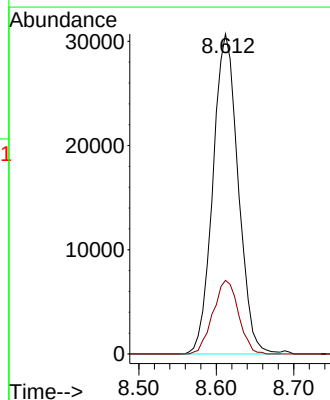
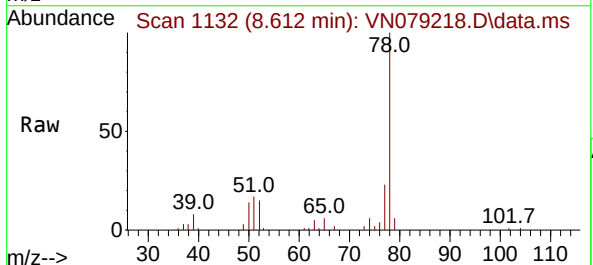
Manual Integrations
APPROVED

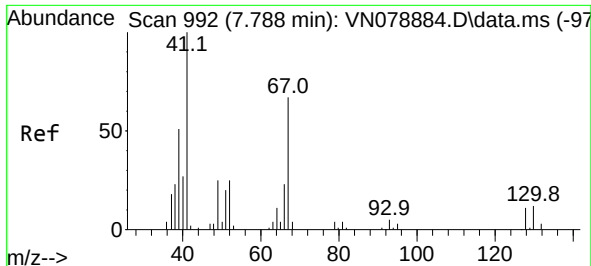
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#40
Benzene
Concen: 9.561 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

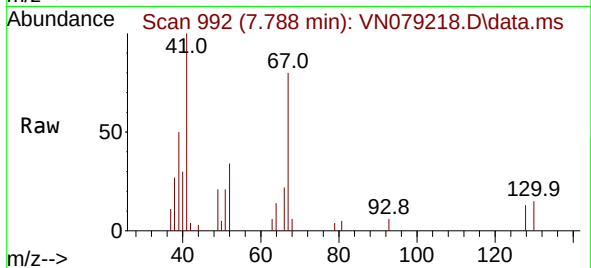
Tgt Ion: 78 Resp: 69602
Ion Ratio Lower Upper
78 100
77 23.0 19.0 28.6





#41
Methacrylonitrile
Concen: 9.373 ug/l
RT: 7.788 min Scan# 992
Delta R.T. -0.006 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

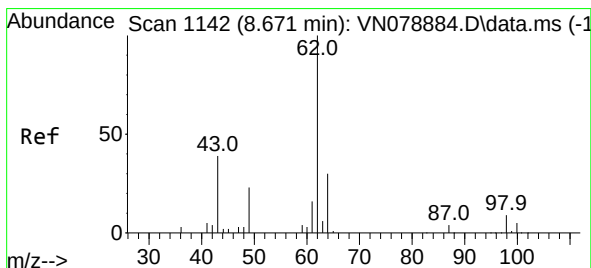
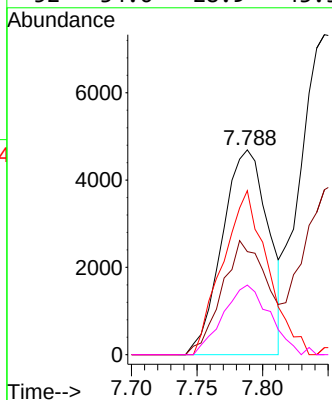
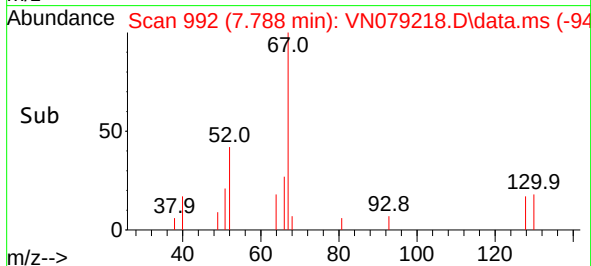
Instrument :
MSVOA_N
Client Sample Id :
VSTDIC010



Tgt Ion:	41	Resp:	11489
Ion Ratio	100	Lower	Upper
39	54.5	42.6	64.0
67	78.3	77.5	116.3
52	34.6	28.9	43.3

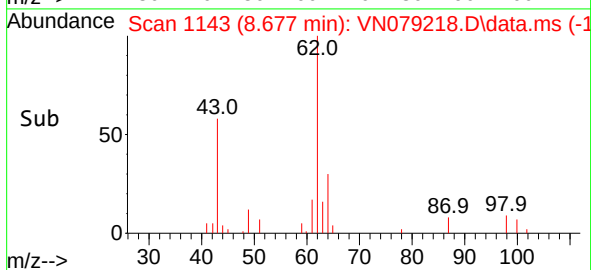
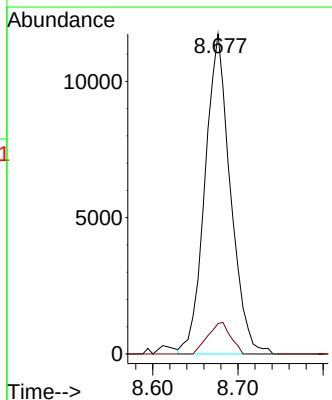
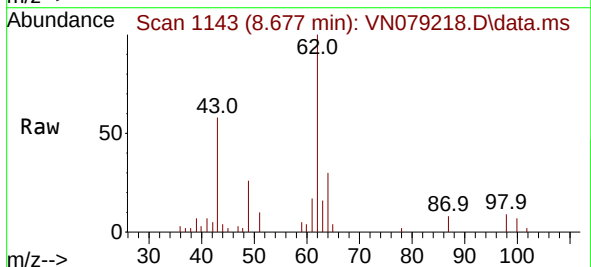
Manual Integrations
APPROVED

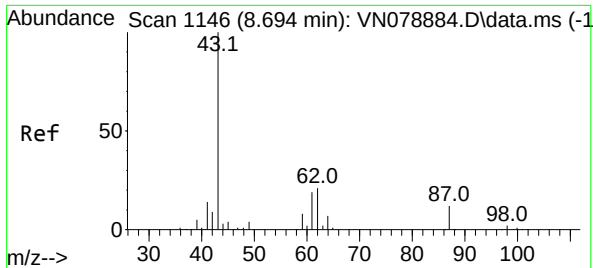
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#42
1,2-Dichloroethane
Concen: 9.715 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

Tgt Ion:	62	Resp:	24347
Ion Ratio	100	Lower	Upper
98	8.8	0.0	19.8





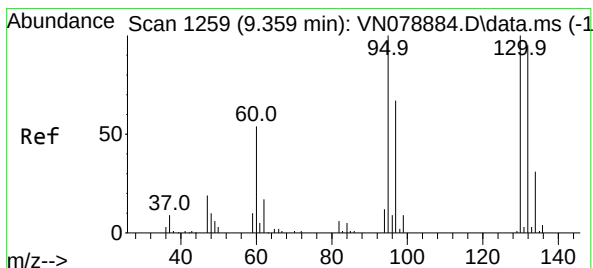
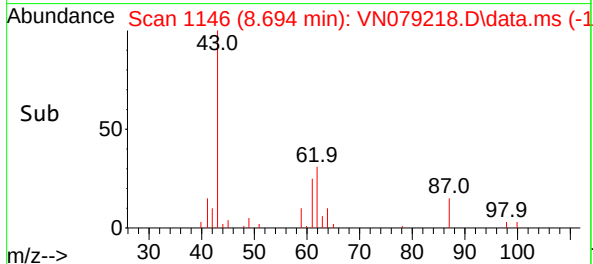
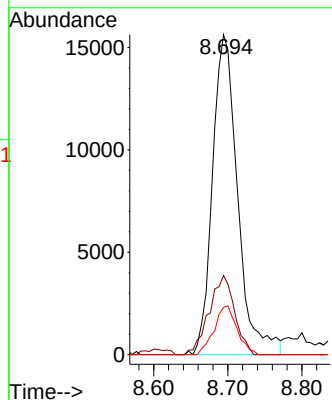
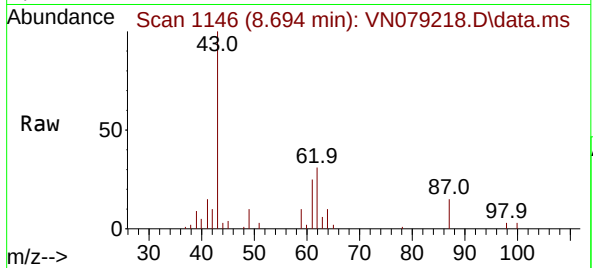
#43
Isopropyl Acetate
Concen: 9.528 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 43 Resp: 3687
Ion Ratio Lower Upper
43 100
61 25.1 24.7 37.1
87 13.8 14.6 21.8

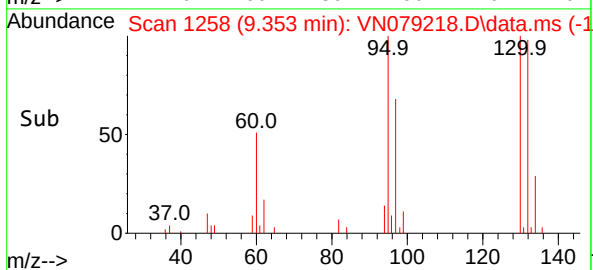
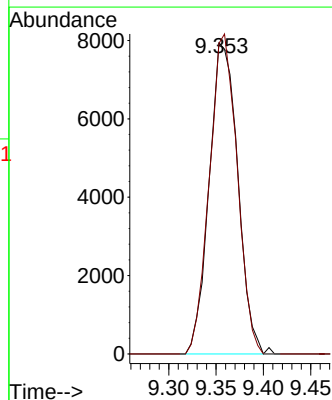
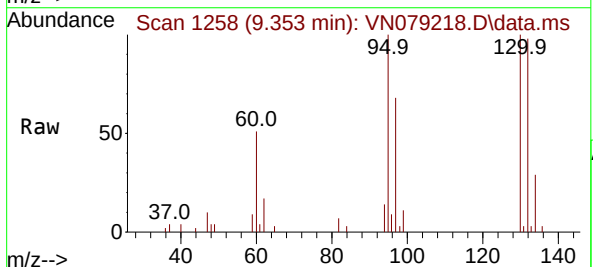
Manual Integrations
APPROVED

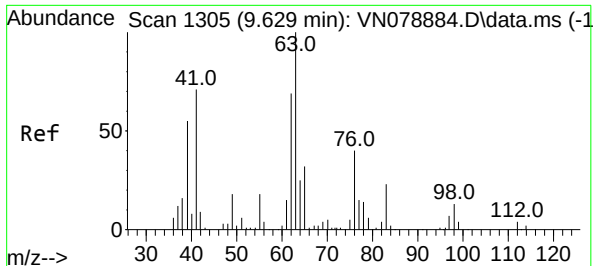
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#44
Trichloroethene
Concen: 9.314 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

Tgt Ion:130 Resp: 16703
Ion Ratio Lower Upper
130 100
95 99.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 9.204 ug/l

RT: 9.629 min Scan# 1305

Delta R.T. 0.005 min

Lab File: VN079218.D

Acq: 11 Sep 2023 14:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 63 Resp: 16629

Ion Ratio Lower Upper

63 100

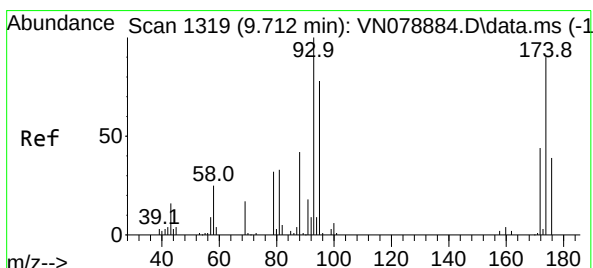
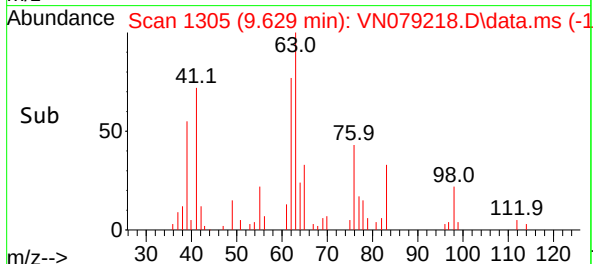
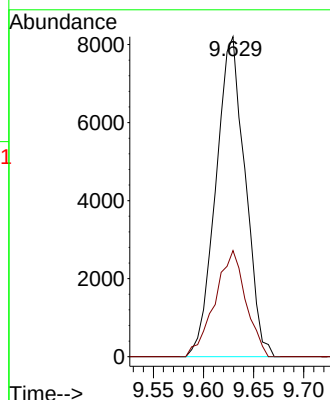
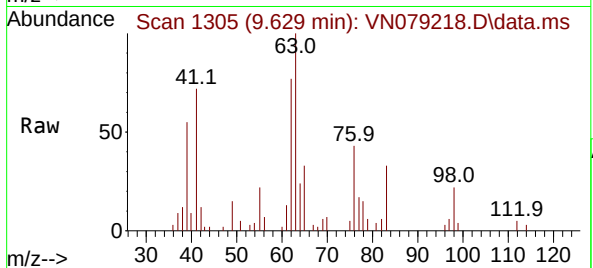
65 33.1 23.9 35.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#46

Dibromomethane

Concen: 9.737 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN079218.D

Acq: 11 Sep 2023 14:43

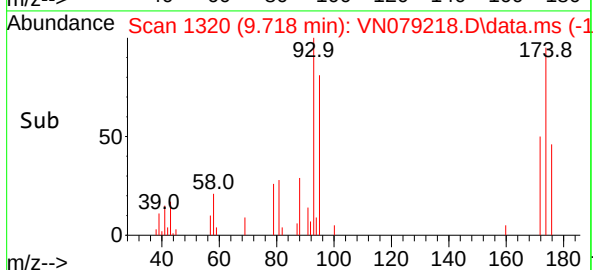
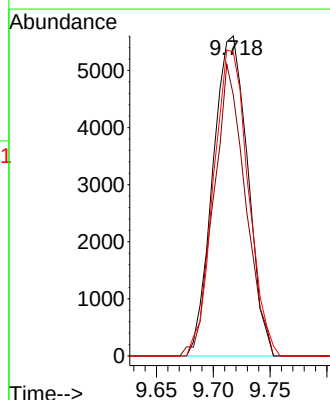
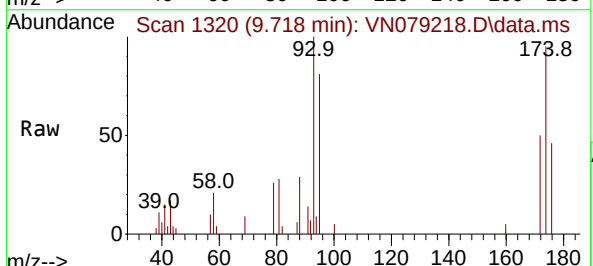
Tgt Ion: 93 Resp: 11942

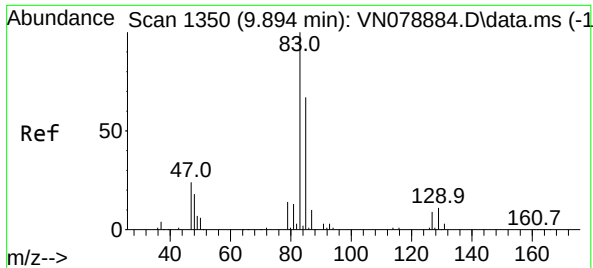
Ion Ratio Lower Upper

93 100

95 82.9 63.8 95.8

174 95.2 65.6 98.4





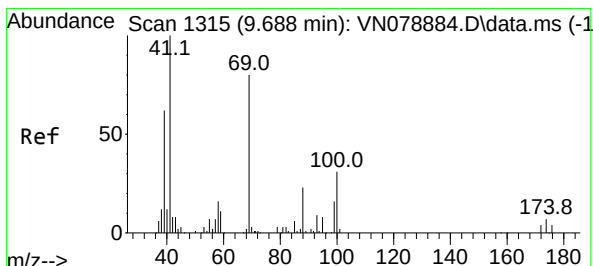
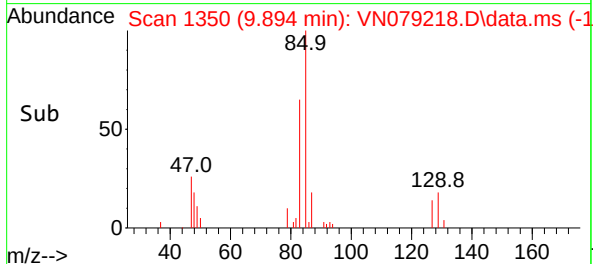
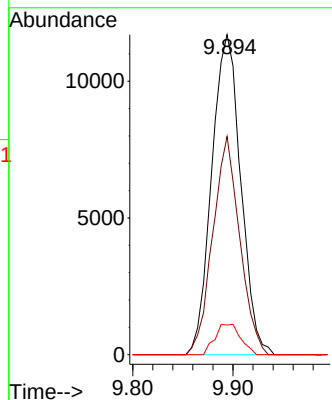
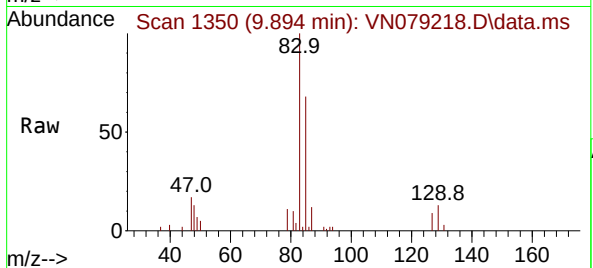
#47
Bromodichloromethane
Concen: 9.340 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 83 Resp: 23464
Ion Ratio Lower Upper
83 100
85 68.2 49.6 74.4
127 9.2 7.0 10.6

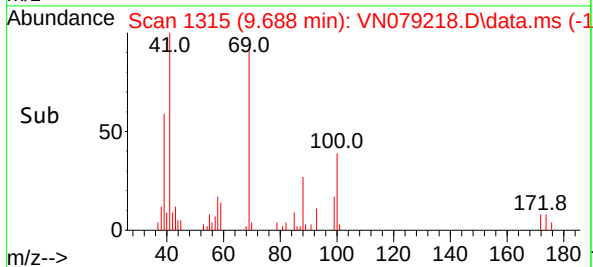
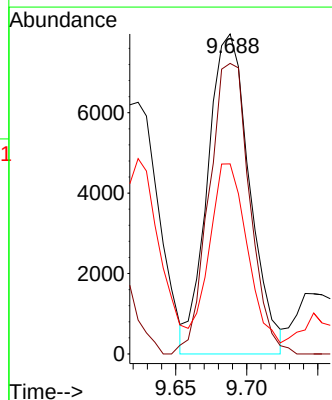
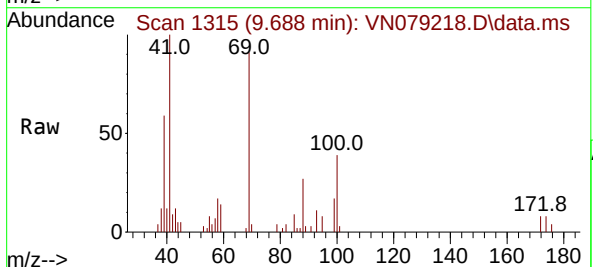
Manual Integrations
APPROVED

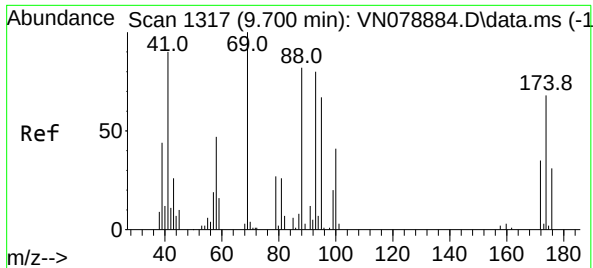
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#48
Methyl methacrylate
Concen: 9.446 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

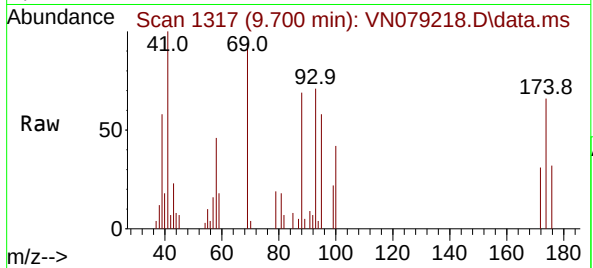
Tgt Ion: 41 Resp: 16375
Ion Ratio Lower Upper
41 100
69 87.8 90.4 135.6#
39 55.4 54.6 81.8





#49
1,4-Dioxane
Concen: 195.561 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

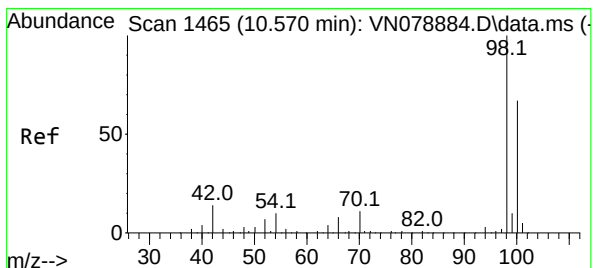
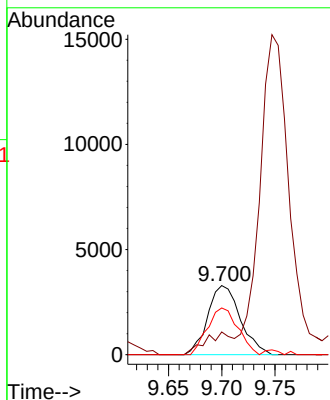
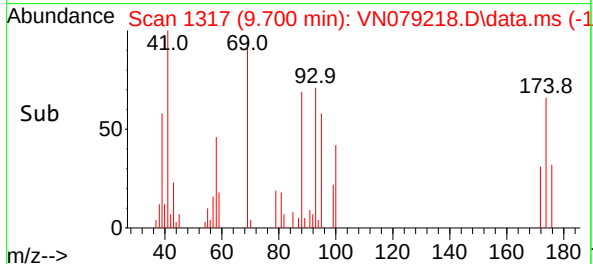
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



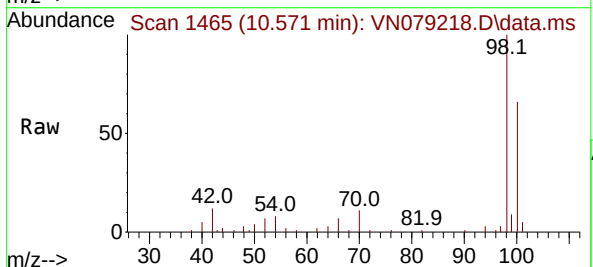
Tgt Ion: 88 Resp: 6973
Ion Ratio Lower Upper
88 100
43 27.6 17.0 25.6
58 63.1 47.0 70.4

Manual Integrations
APPROVED

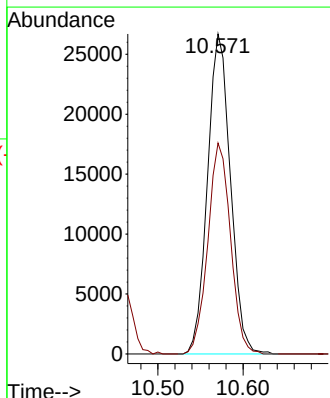
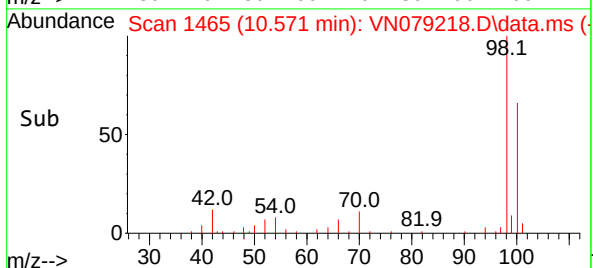
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

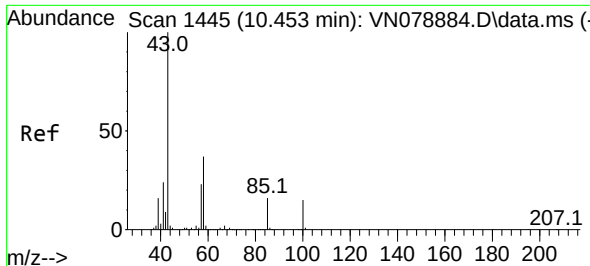


#50
Toluene-d8
Concen: 8.820 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43



Tgt Ion: 98 Resp: 49967
Ion Ratio Lower Upper
98 100
100 65.2 52.0 78.0





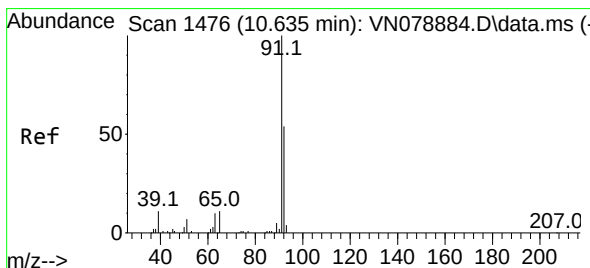
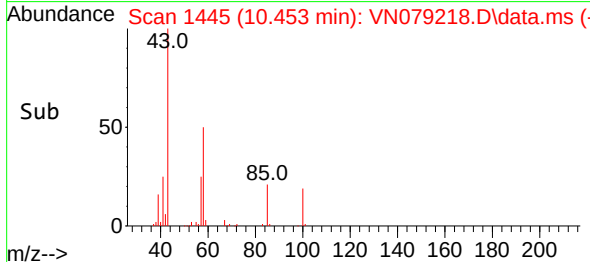
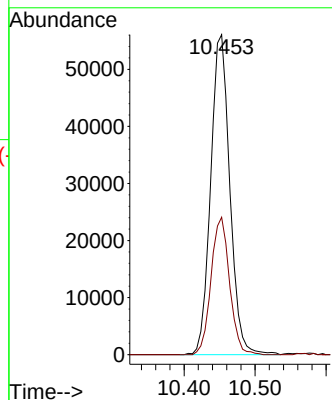
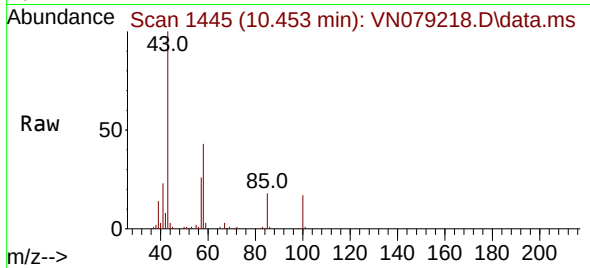
#51
4-Methyl-2-Pentanone
Concen: 46.713 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 43 Resp: 104948
Ion Ratio Lower Upper
43 100
58 41.5 36.6 54.8

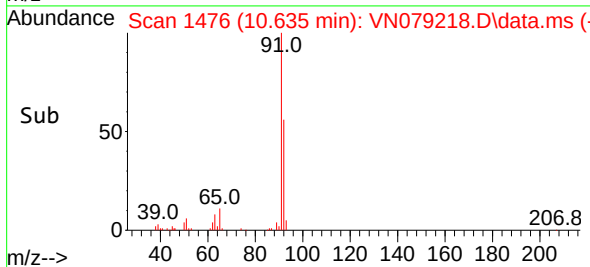
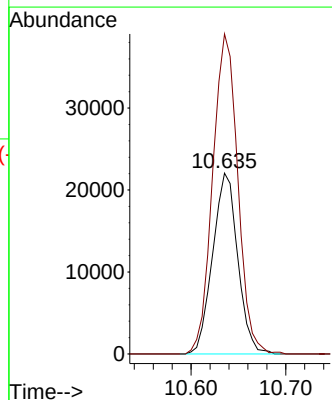
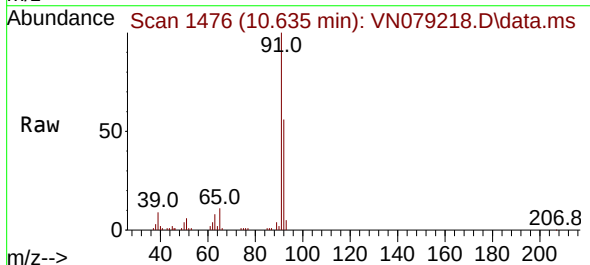
Manual Integrations
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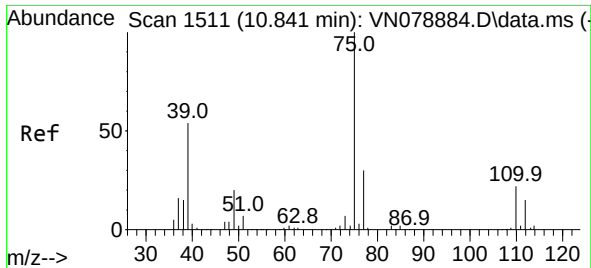
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#52
Toluene
Concen: 9.065 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

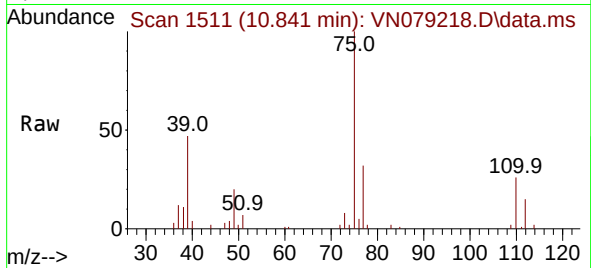
Tgt Ion: 92 Resp: 40557
Ion Ratio Lower Upper
92 100
91 177.2 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 9.196 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079218.D
 Acq: 11 Sep 2023 14:43

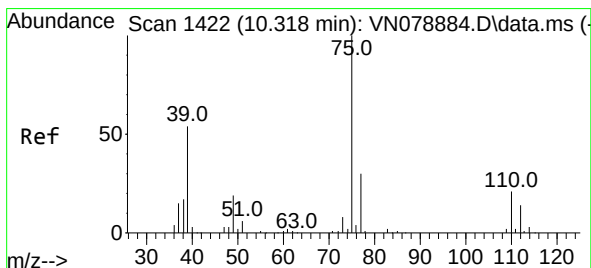
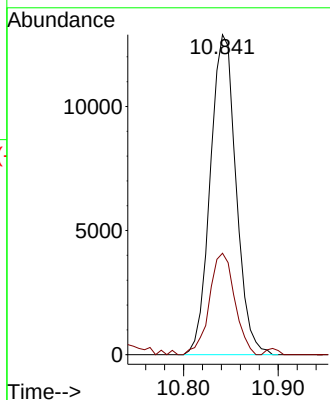
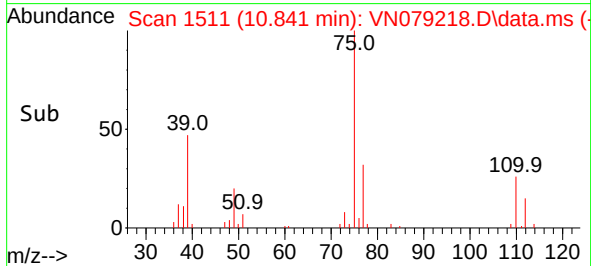
Instrument : MSVOA_N
 ClientSampleId : VSTDIC010



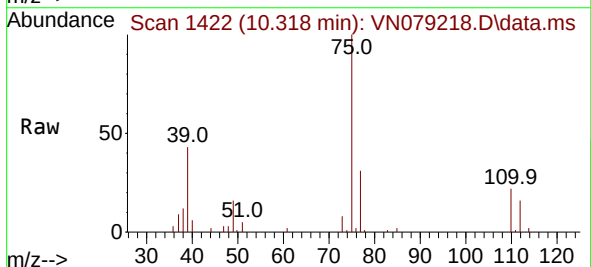
Tgt Ion: 75 Resp: 24358
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.4 38.0

Manual Integrations
 APPROVED

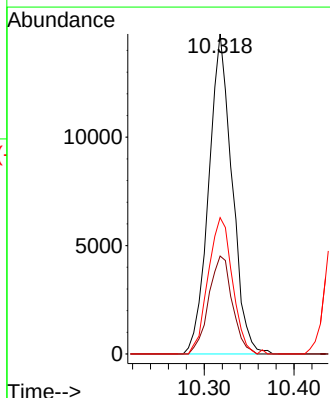
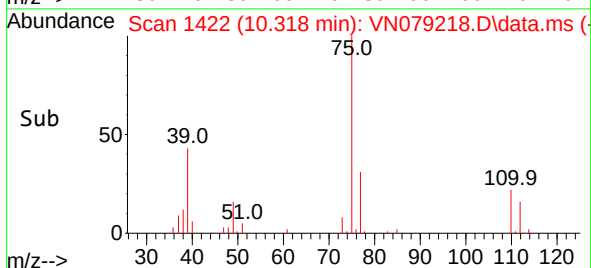
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023

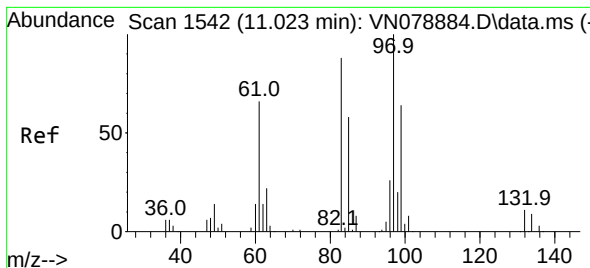


#54
 cis-1,3-Dichloropropene
 Concen: 9.414 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079218.D
 Acq: 11 Sep 2023 14:43



Tgt Ion: 75 Resp: 26672
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.1 39.1
 39 42.6 31.6 47.4





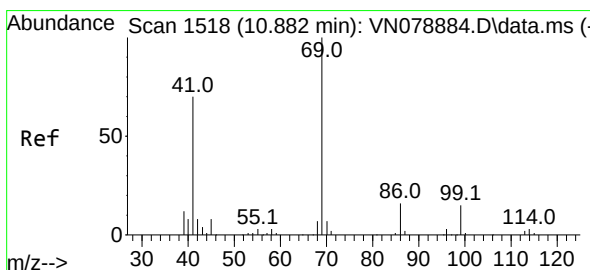
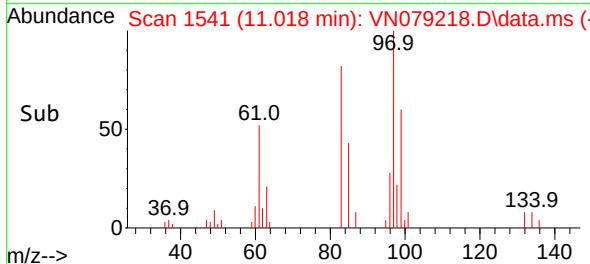
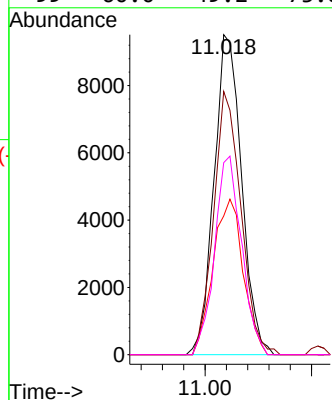
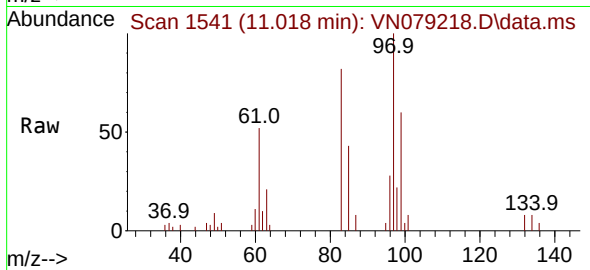
#55
1,1,2-Trichloroethane
Concen: 9.736 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion	97	Resp:	17092
Ion	Ratio	Lower	Upper
97	100		
83	82.2	65.1	97.7
85	43.4	43.4	65.2
99	60.0	49.2	73.8

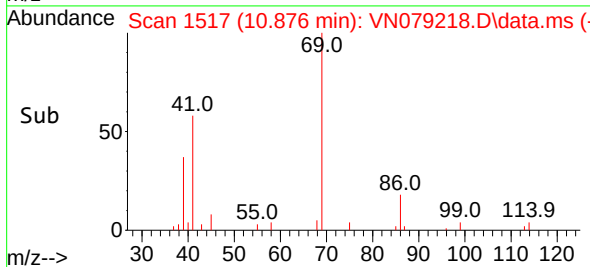
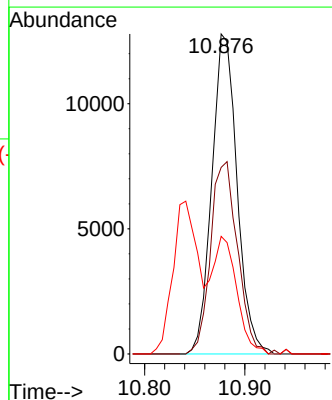
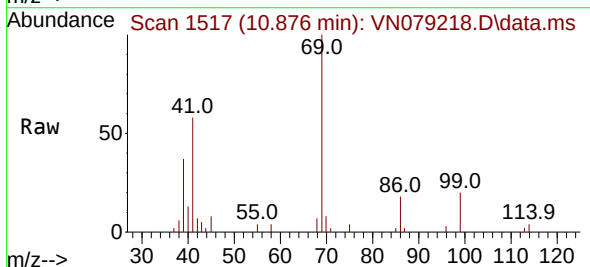
Manual Integrations
APPROVED

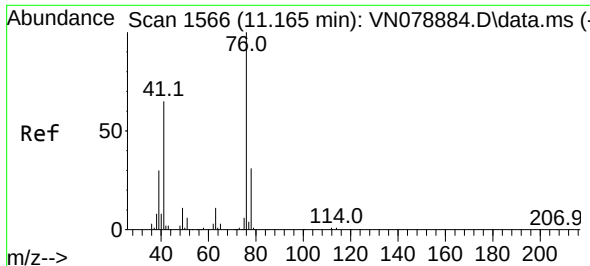
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#56
Ethyl methacrylate
Concen: 9.017 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

Tgt Ion	69	Resp:	22344
Ion	Ratio	Lower	Upper
69	100		
41	64.3	39.6	59.4
39	32.1	28.6	43.0





#57

1,3-Dichloropropane

Concen: 9.367 ug/l

RT: 11.170 min Scan# 1567

Delta R.T. 0.005 min

Lab File: VN079218.D

Acq: 11 Sep 2023 14:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion: 76 Resp: 28420

Ion Ratio Lower Upper

76 100

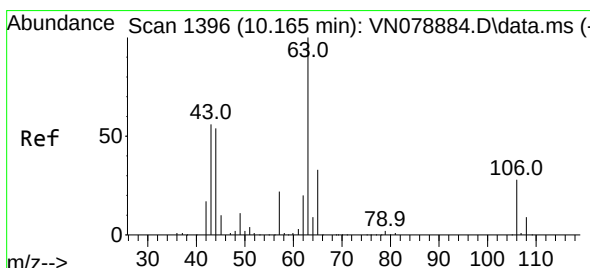
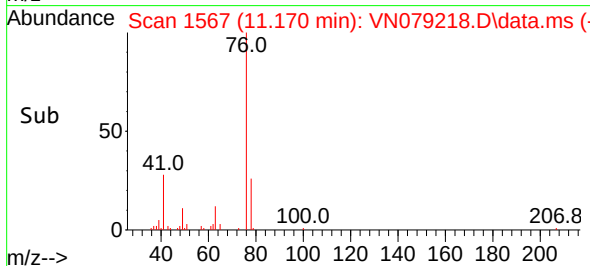
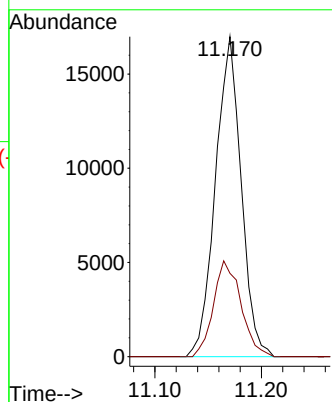
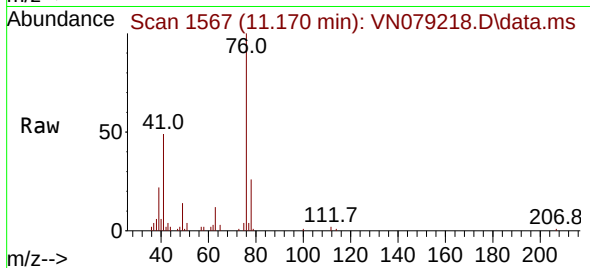
78 32.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#58

2-Chloroethyl Vinyl ether

Concen: 45.531 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN079218.D

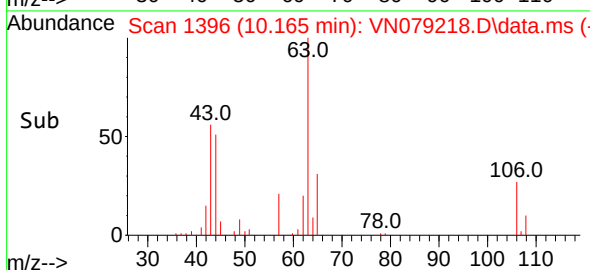
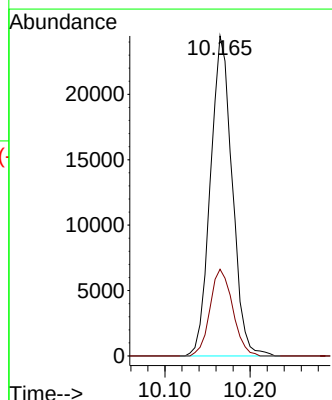
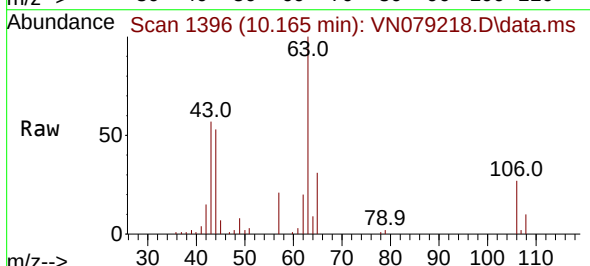
Acq: 11 Sep 2023 14:43

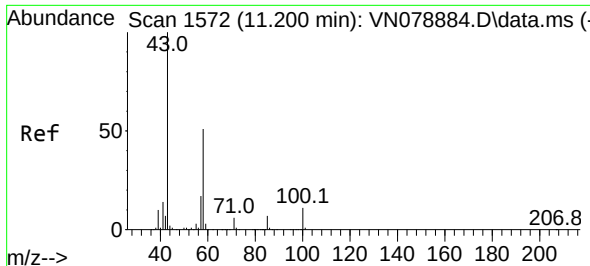
Tgt Ion: 63 Resp: 43438

Ion Ratio Lower Upper

63 100

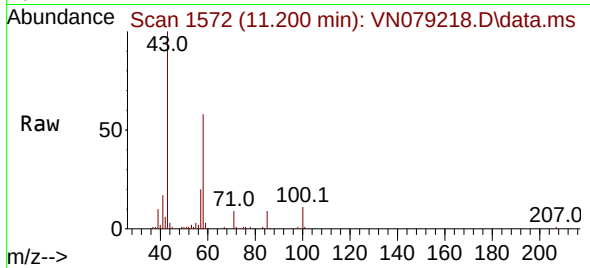
106 28.2 26.2 39.4





#59
2-Hexanone
Concen: 45.618 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

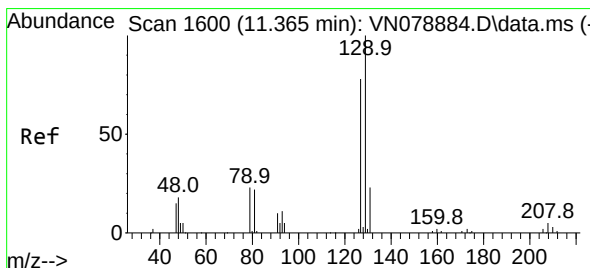
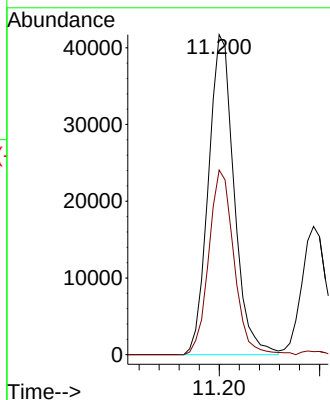
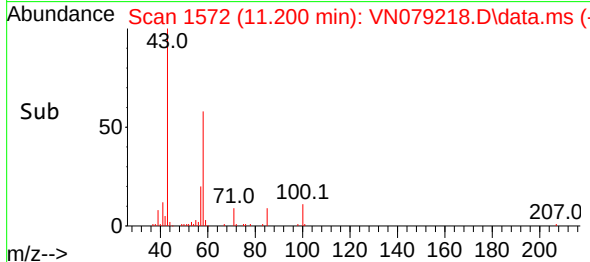
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion: 43 Resp: 7423
Ion Ratio Lower Upper
43 100
58 56.5 31.7 95.1

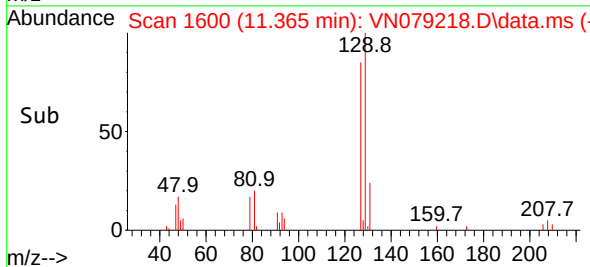
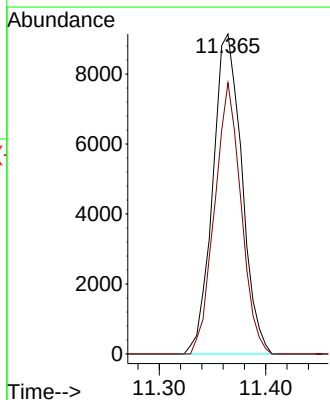
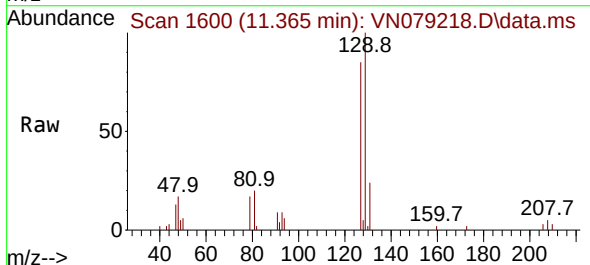
Manual Integrations
APPROVED

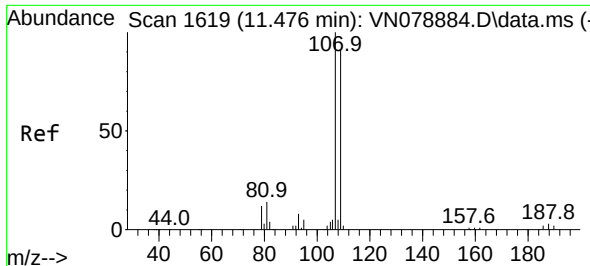
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#60
Dibromochloromethane
Concen: 9.261 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

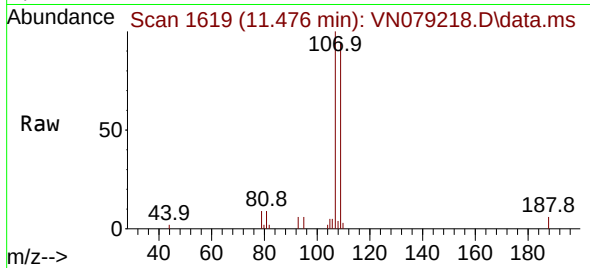
Tgt Ion:129 Resp: 17302
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 9.243 ug/l
RT: 11.476 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

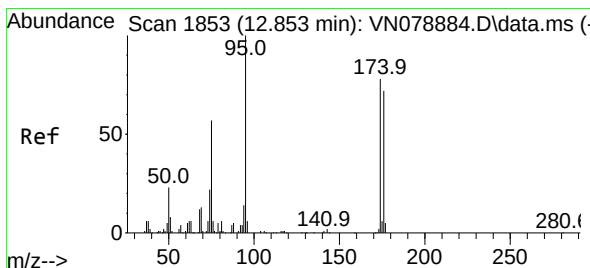
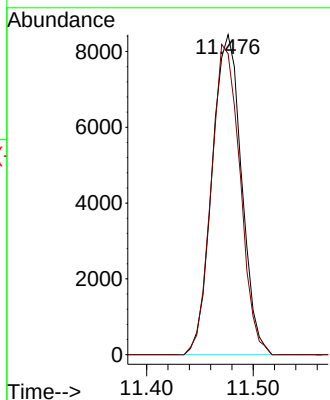
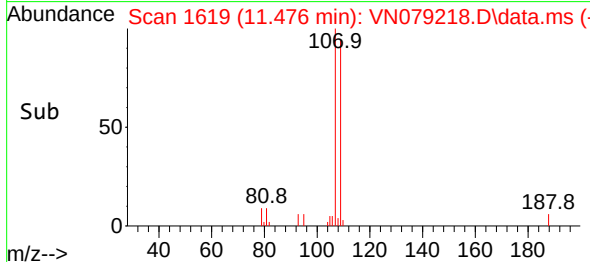
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



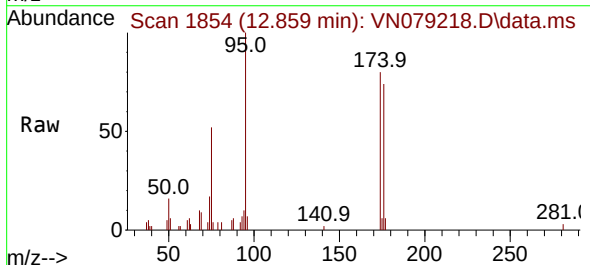
Tgt Ion: 107 Resp: 16192
Ion Ratio Lower Upper
107 100
109 94.7 76.6 114.8

Manual Integrations
APPROVED

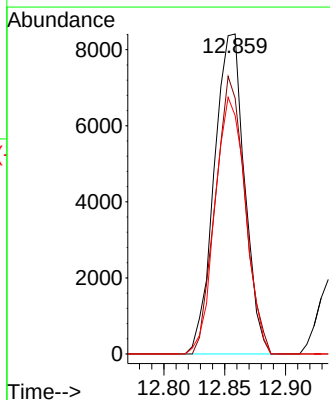
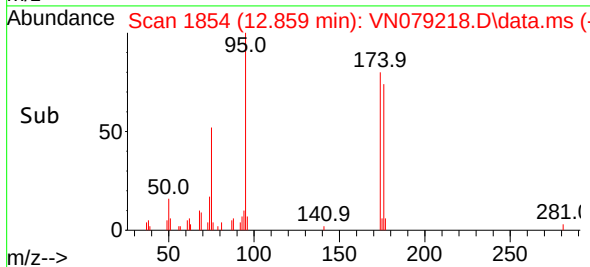
Reviewed By : John Carlone 09/12/2023
Supervised By : Mahesh Dadoda 09/12/2023

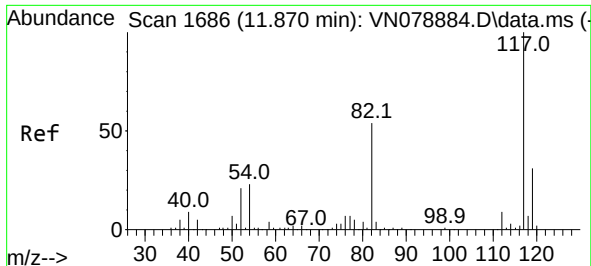


#62
4-Bromofluorobenzene
Concen: 8.075 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43



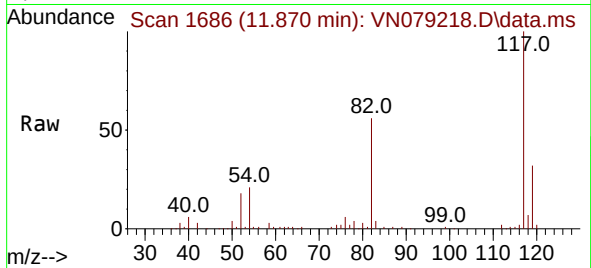
Tgt Ion: 95 Resp: 14591
Ion Ratio Lower Upper
95 100
174 84.4 0.0 143.8
176 81.3 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. -0.001 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

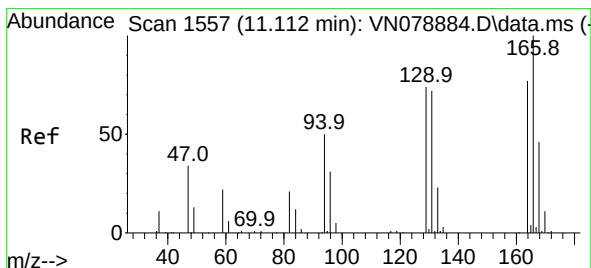
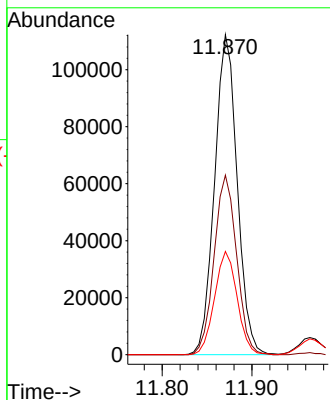
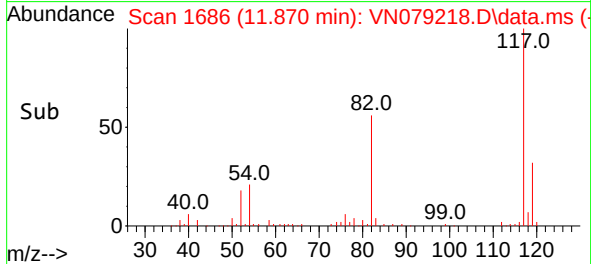
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:117 Resp: 196509
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 32.2 25.6 38.4

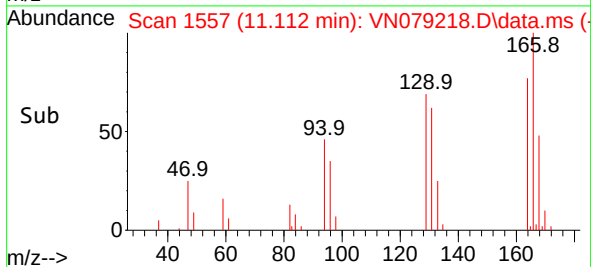
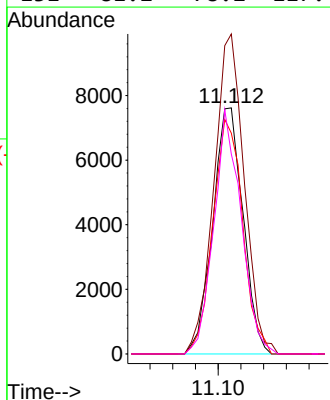
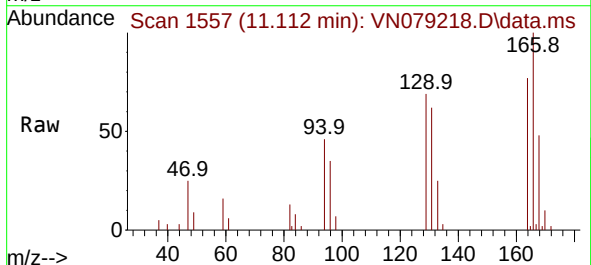
Manual Integrations
APPROVED

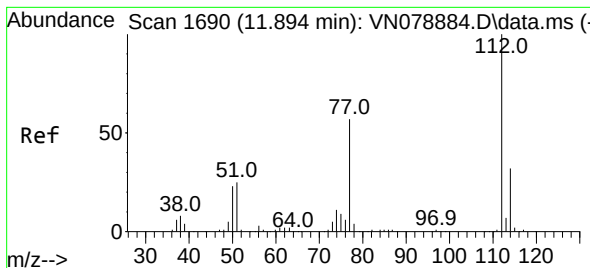
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#64
Tetrachloroethene
Concen: 9.811 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

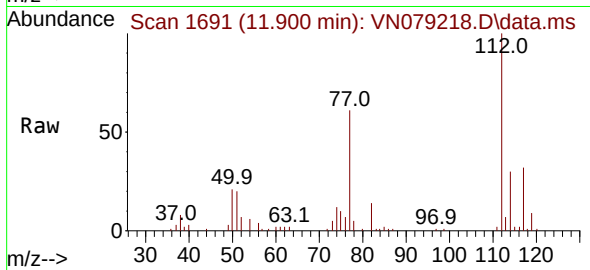
Tgt Ion:164 Resp: 14058
Ion Ratio Lower Upper
164 100
166 130.0 101.4 152.0
129 89.7 82.4 123.6
131 81.2 78.2 117.4





#65
Chlorobenzene
Concen: 9.413 ug/l
RT: 11.900 min Scan# 11900
Delta R.T. 0.006 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

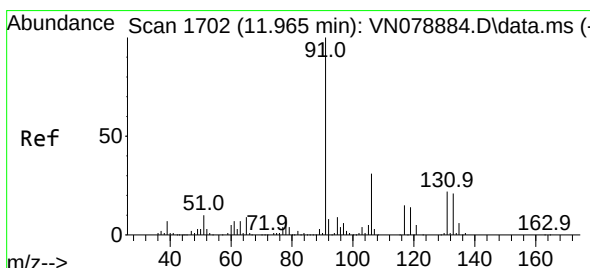
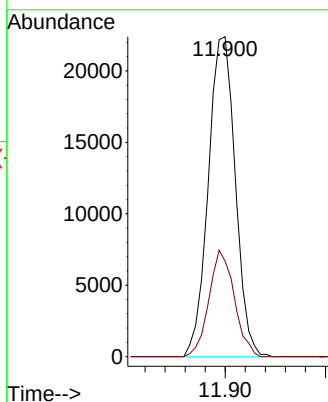
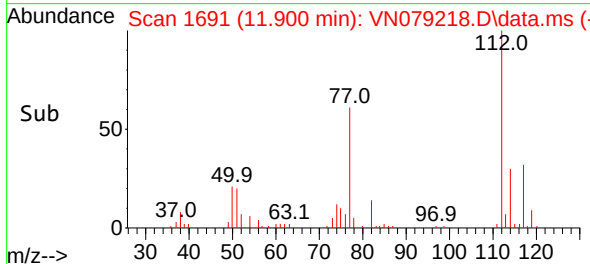
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:112 Resp: 41900
Ion Ratio Lower Upper
112 100
114 29.9 25.0 37.4

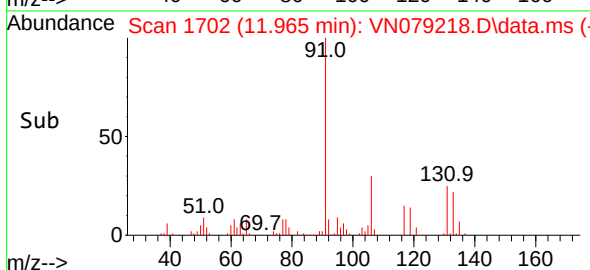
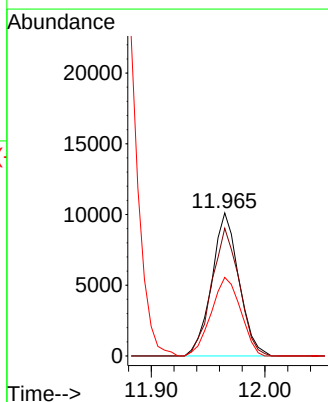
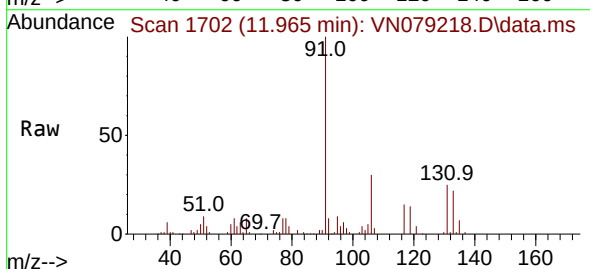
Manual Integrations
APPROVED

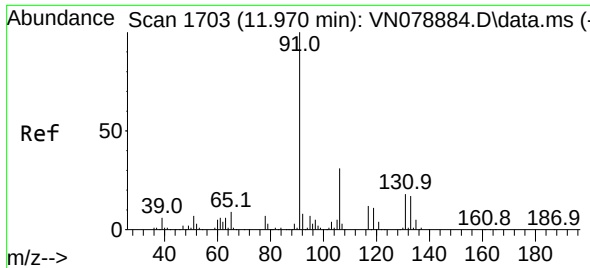
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 10.083 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

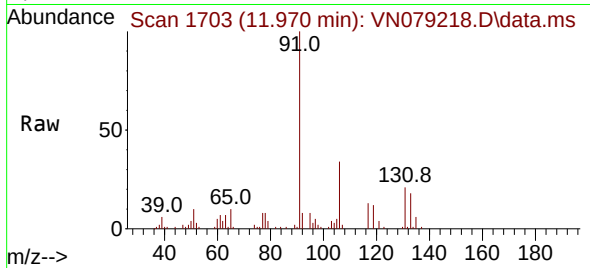
Tgt Ion:131 Resp: 16832
Ion Ratio Lower Upper
131 100
133 90.9 46.4 139.1
119 59.5 34.1 102.2





#67
Ethyl Benzene
Concen: 9.644 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. -0.001 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

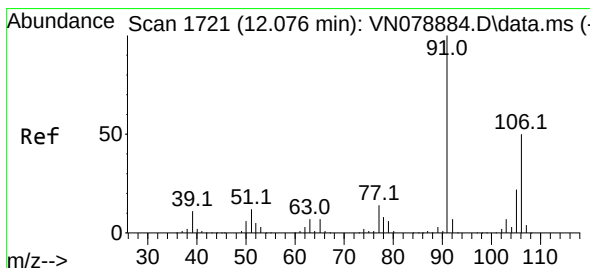
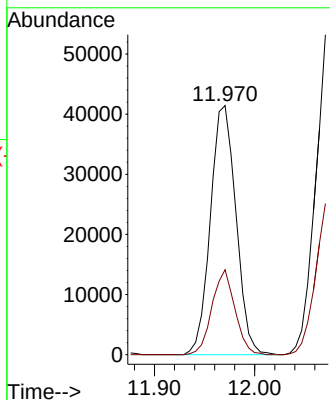
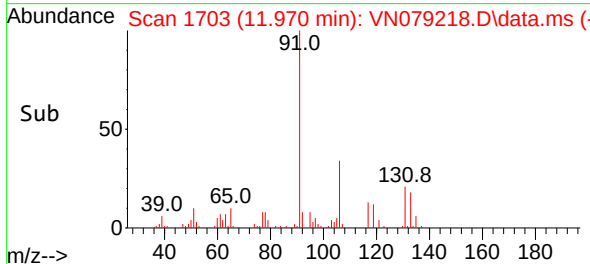
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



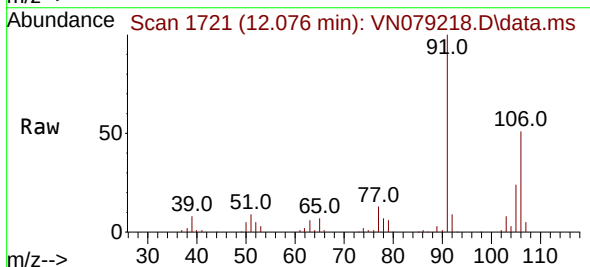
Tgt Ion: 91 Resp: 73430
Ion Ratio Lower Upper
91 100
106 34.1 25.6 38.4

Manual Integrations
APPROVED

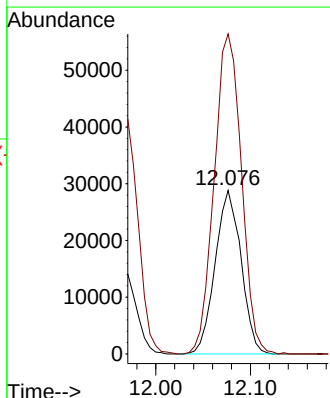
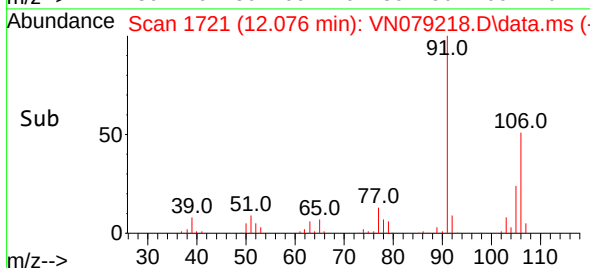
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

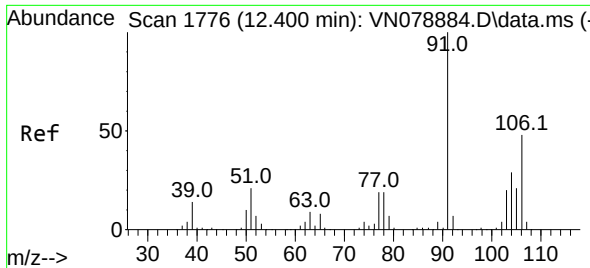


#68
m/p-Xylenes
Concen: 19.326 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43



Tgt Ion:106 Resp: 54850
Ion Ratio Lower Upper
106 100
91 205.6 159.6 239.4





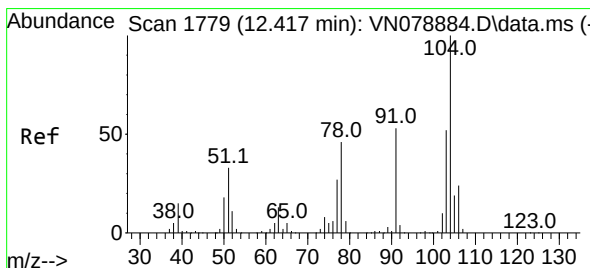
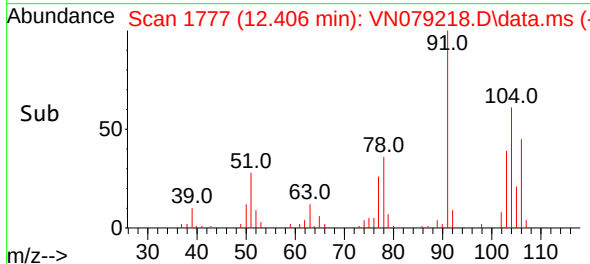
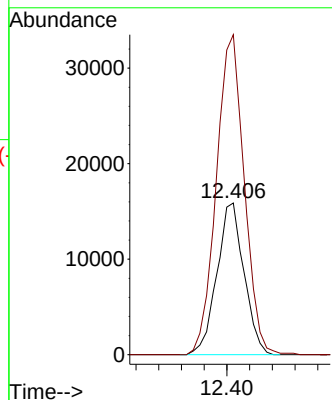
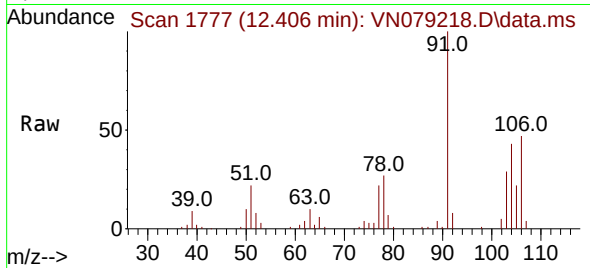
#69
o-Xylene
Concen: 9.667 ug/l
RT: 12.406 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion:106 Resp: 2631
Ion Ratio Lower Upper
106 100
91 217.4 105.2 315.5

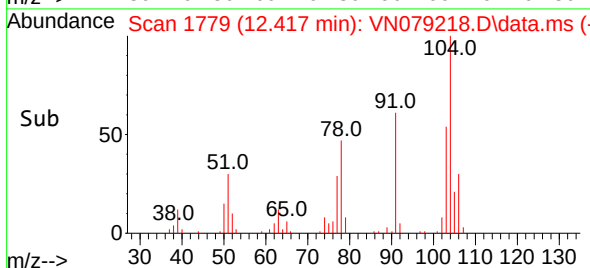
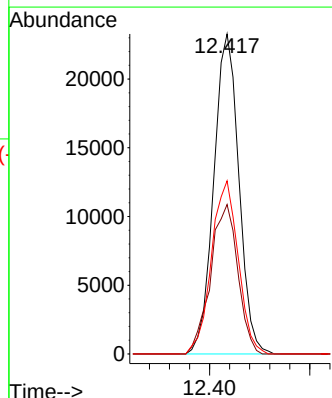
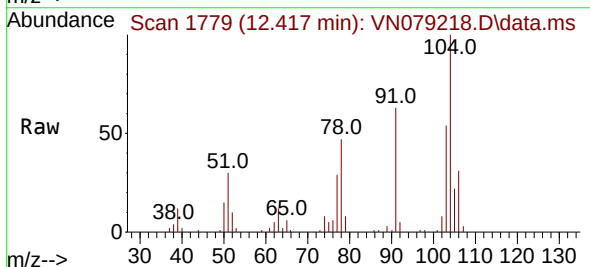
Manual Integrations
APPROVED

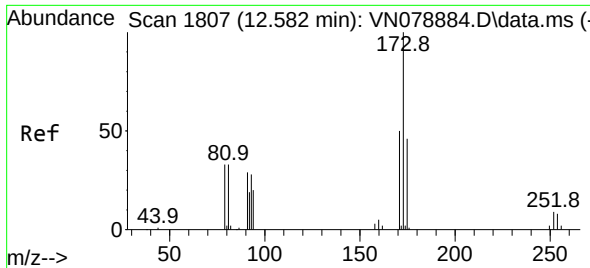
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#70
Styrene
Concen: 9.229 ug/l
RT: 12.417 min Scan# 1779
Delta R.T. -0.001 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

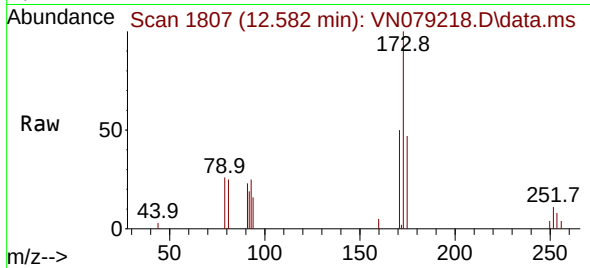
Tgt Ion:104 Resp: 40403
Ion Ratio Lower Upper
104 100
78 50.7 39.5 59.3
103 57.7 43.2 64.8





#71
Bromoform
Concen: 9.832 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

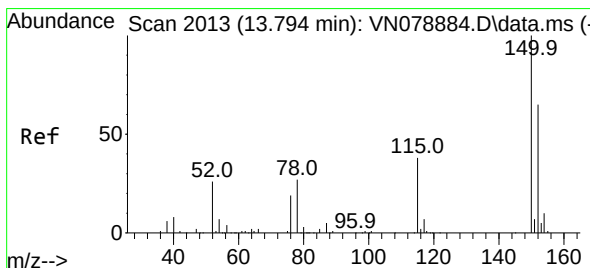
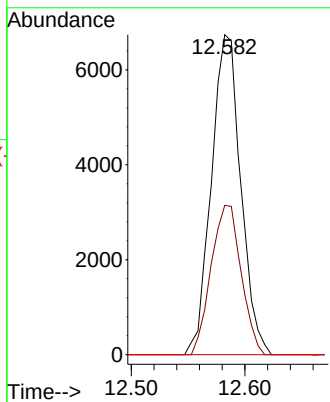
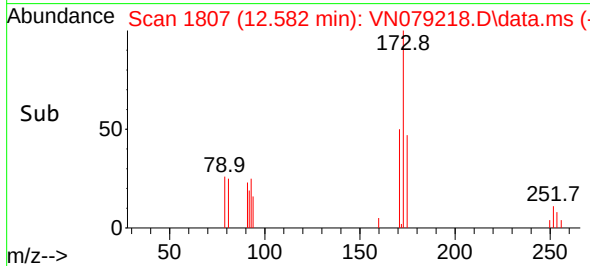
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010



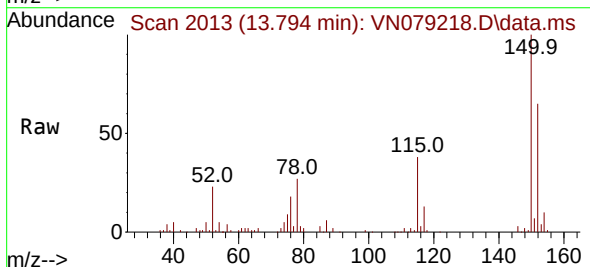
Tgt Ion:173 Resp: 12110
Ion Ratio Lower Upper
173 100
175 47.7 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
APPROVED

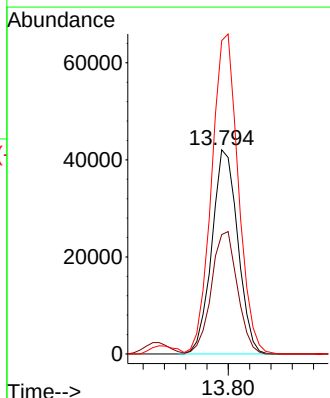
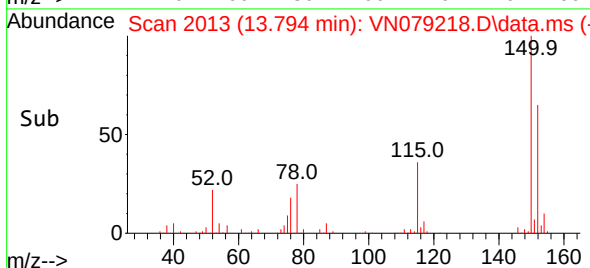
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

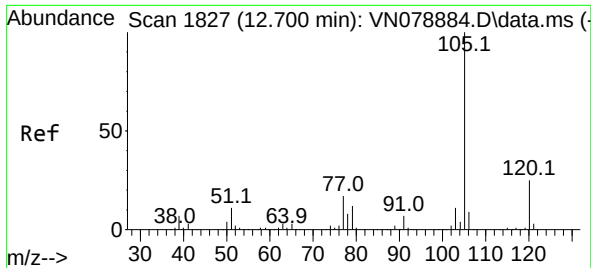


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43



Tgt Ion:152 Resp: 71102
Ion Ratio Lower Upper
152 100
115 60.2 32.3 96.8
150 160.9 0.0 355.8





#73
Isopropylbenzene
Concen: 10.061 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

Instrument :

MSVOA_N

ClientSampleId :

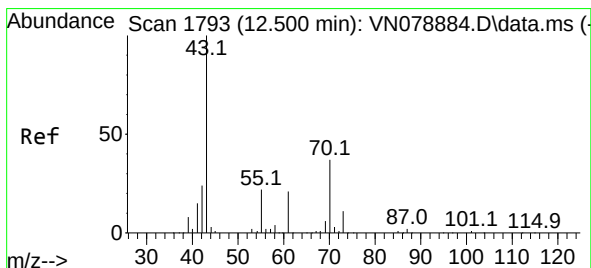
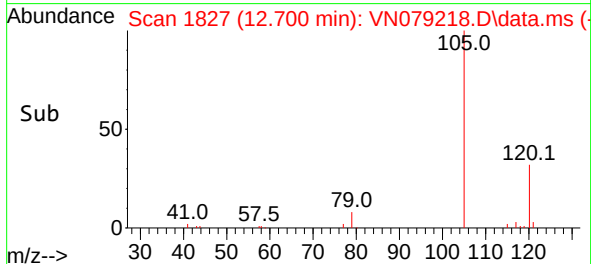
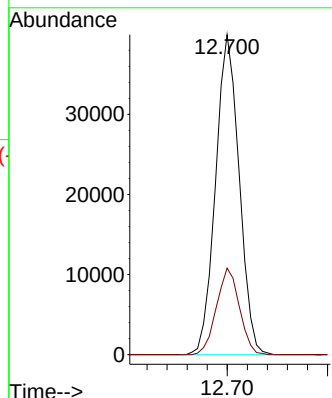
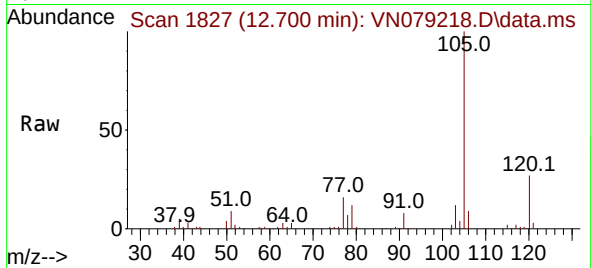
VSTDICC010

Tgt Ion:105 Resp: 6508
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.1

Manual Integrations

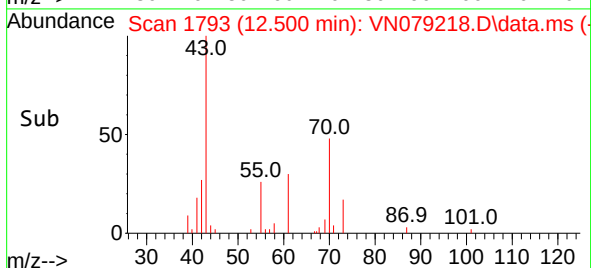
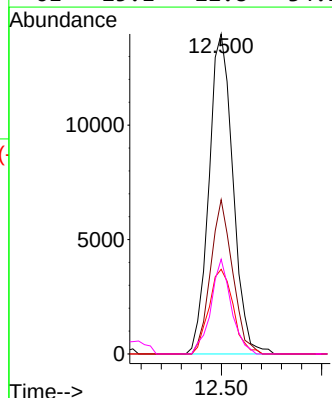
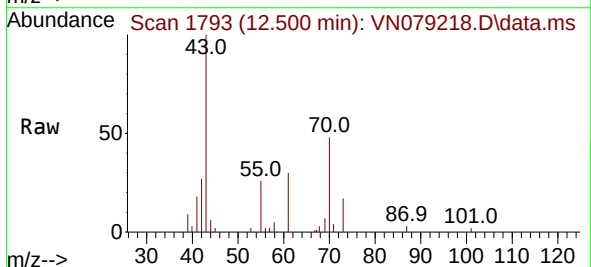
APPROVED

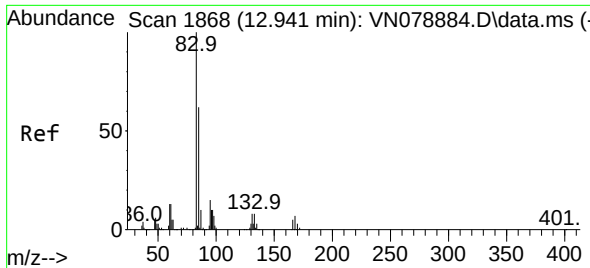
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#74
N-ethyl acetate
Concen: 9.490 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

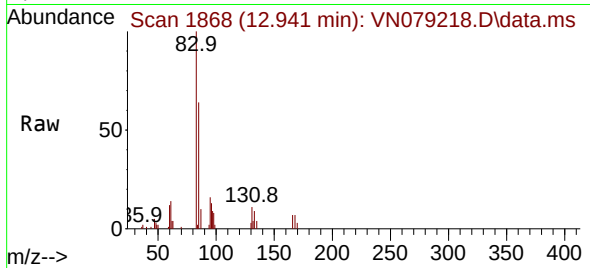
Tgt Ion: 43 Resp: 23291
Ion Ratio Lower Upper
43 100
70 44.3 43.4 65.2
55 26.8 21.4 32.0
61 25.1 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 9.863 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

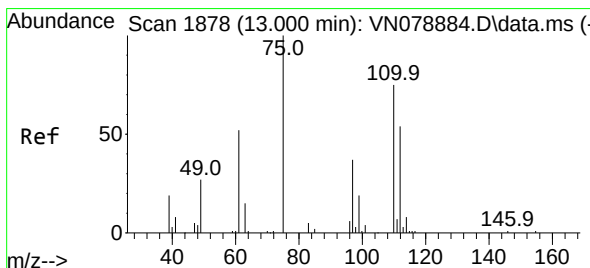
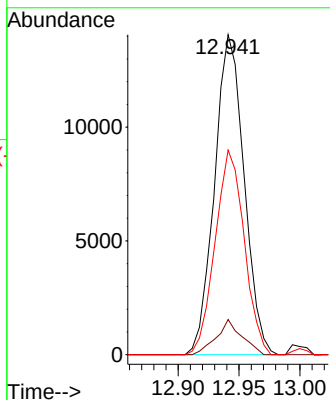
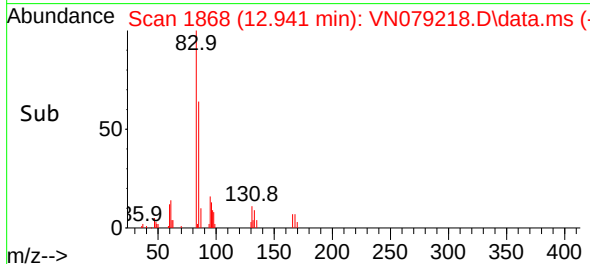
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



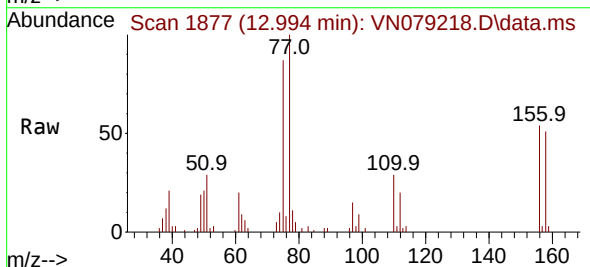
Tgt Ion: 83 Resp: 2375
Ion Ratio Lower Upper
83 100
131 9.4 5.0 15.0
85 63.0 31.9 95.7

Manual Integrations
APPROVED

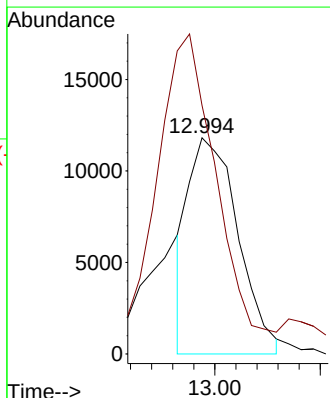
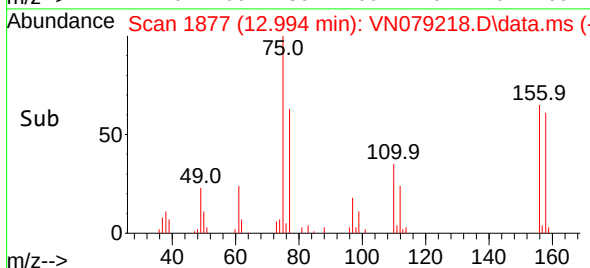
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

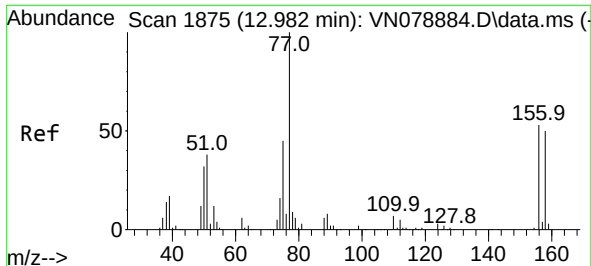


#76
1,2,3-Trichloropropane
Concen: 10.455 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43



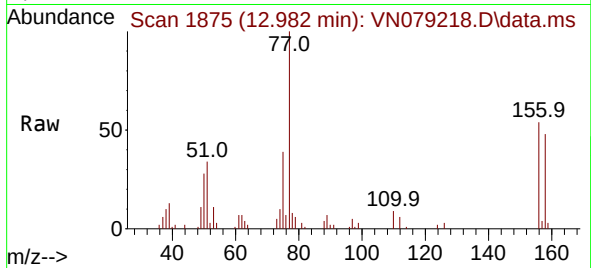
Tgt Ion: 75 Resp: 19284
Ion Ratio Lower Upper
75 100
77 182.6 84.5 253.5





#77
Bromobenzene
Concen: 9.939 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

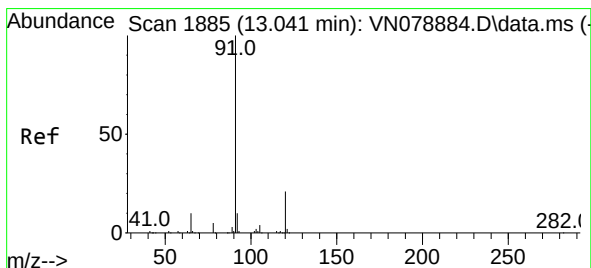
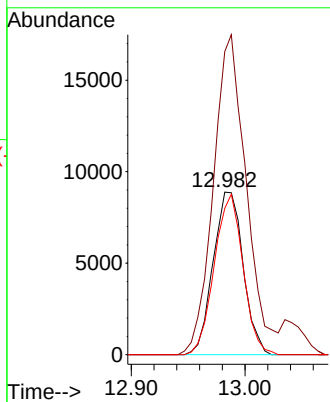
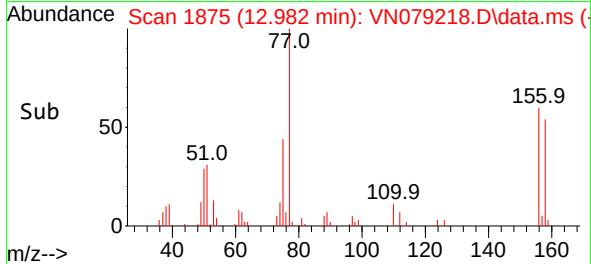
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



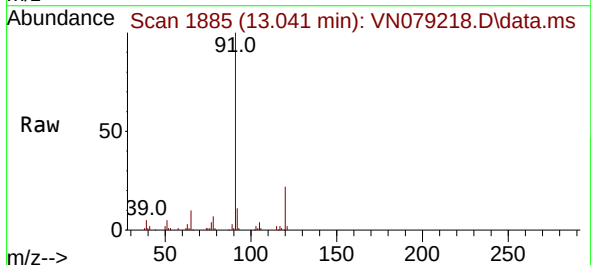
Tgt Ion:156 Resp: 1628
Ion Ratio Lower Upper
156 100
77 216.3 107.7 323.3
158 94.5 48.4 145.3

Manual Integrations
APPROVED

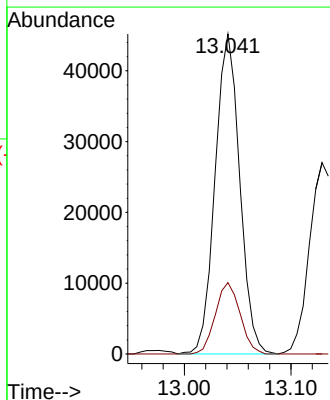
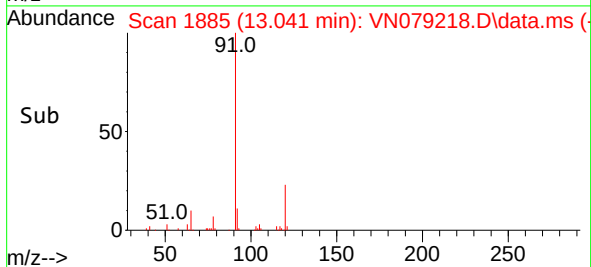
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

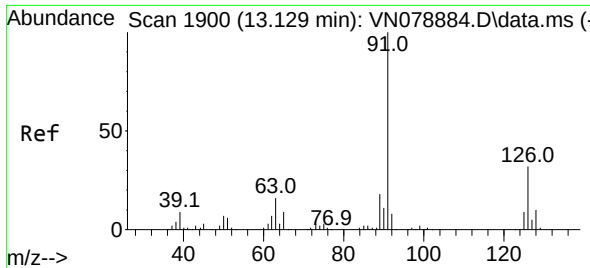


#78
n-propylbenzene
Concen: 9.966 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43



Tgt Ion: 91 Resp: 72420
Ion Ratio Lower Upper
91 100
120 22.3 11.5 34.4





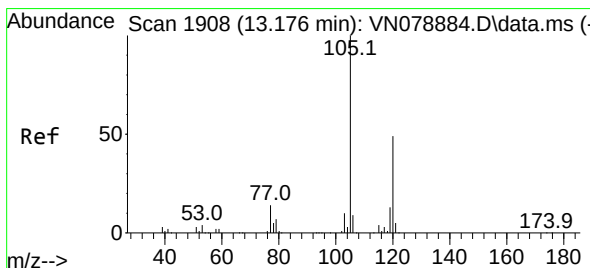
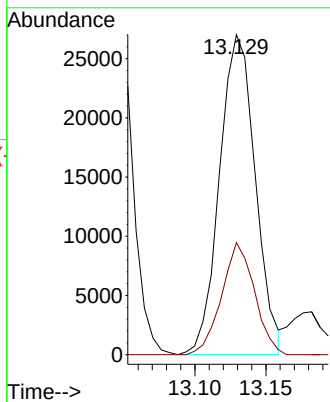
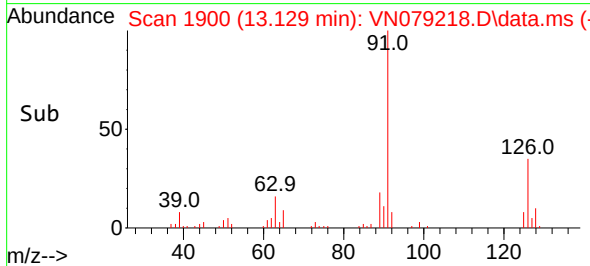
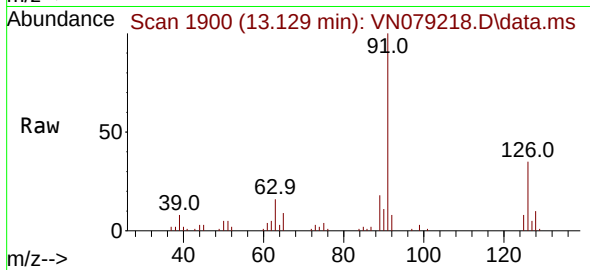
#79
2-Chlorotoluene
Concen: 9.958 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion: 91 Resp: 47332
Ion Ratio Lower Upper
91 100
126 32.2 16.3 48.8

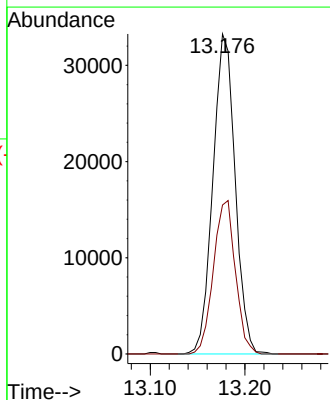
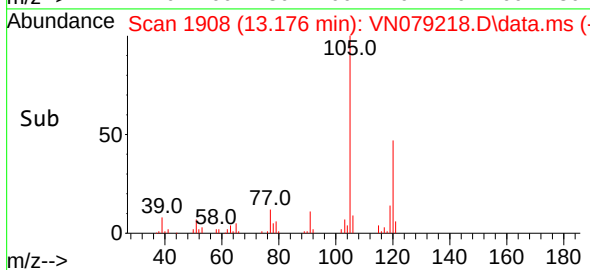
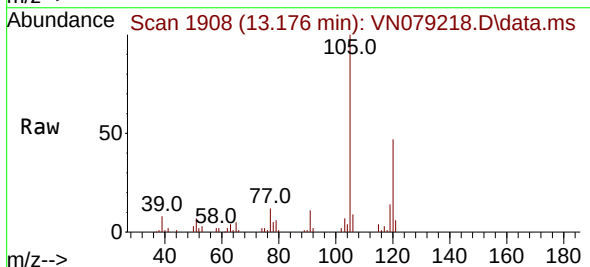
Manual Integrations
APPROVED

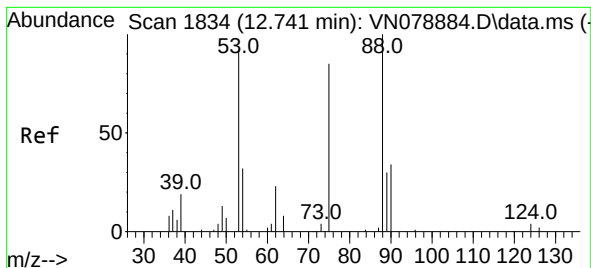
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#80
1,3,5-Trimethylbenzene
Concen: 10.064 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

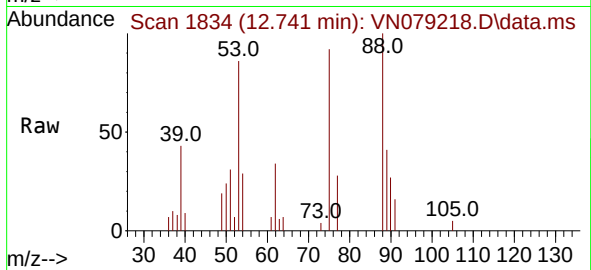
Tgt Ion:105 Resp: 54247
Ion Ratio Lower Upper
105 100
120 47.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 10.604 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. -0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

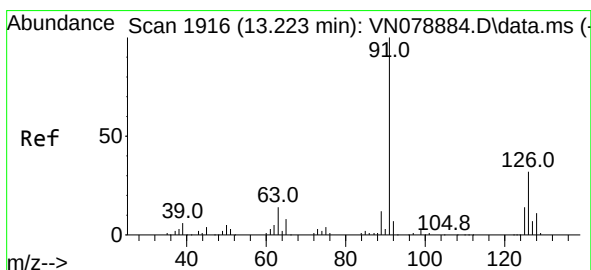
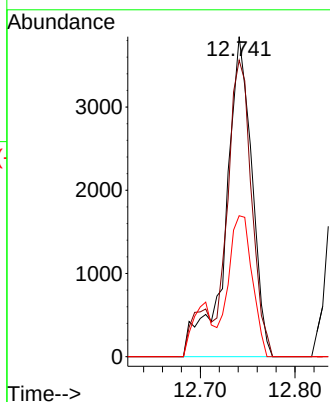
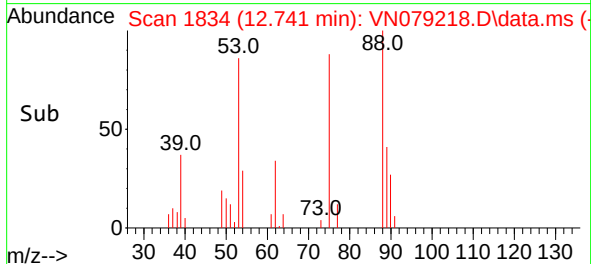
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



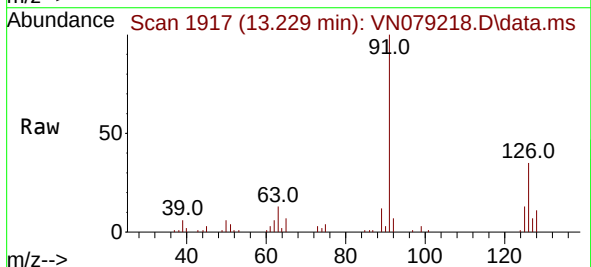
Tgt Ion: 75 Resp: 739
Ion Ratio Lower Upper
75 100
53 84.3 67.4 101.2
89 39.7 38.8 58.2

Manual Integrations
APPROVED

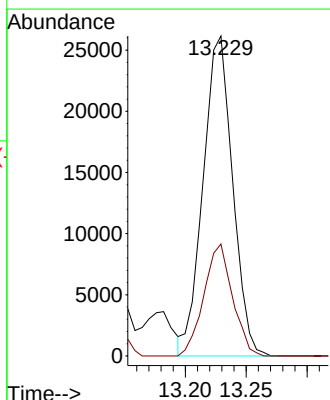
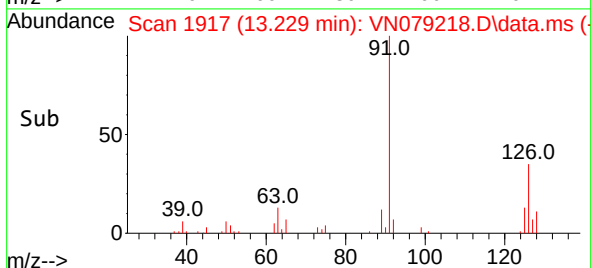
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

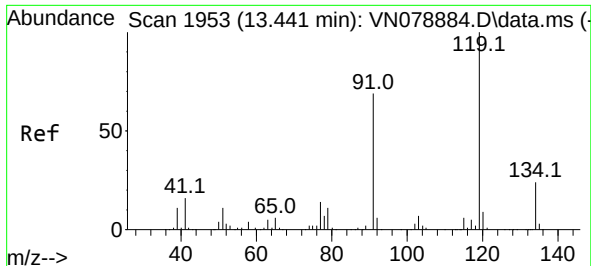


#82
4-Chlorotoluene
Concen: 9.894 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43



Tgt Ion: 91 Resp: 44188
Ion Ratio Lower Upper
91 100
126 33.9 16.7 50.0





#83

tert-Butylbenzene

Concen: 10.223 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. -0.000 min

Lab File: VN079218.D

Acq: 11 Sep 2023 14:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC010

Tgt Ion:119 Resp: 45588

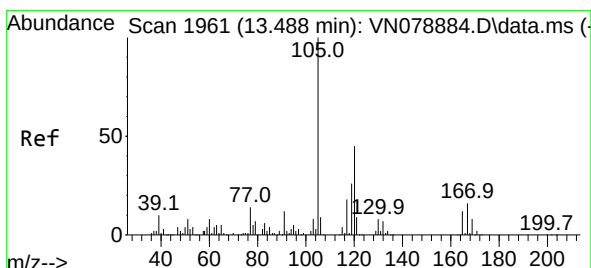
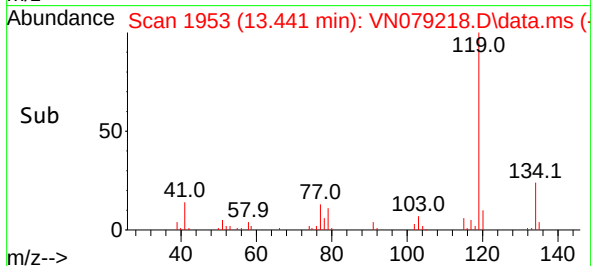
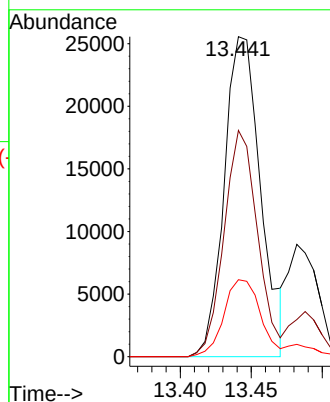
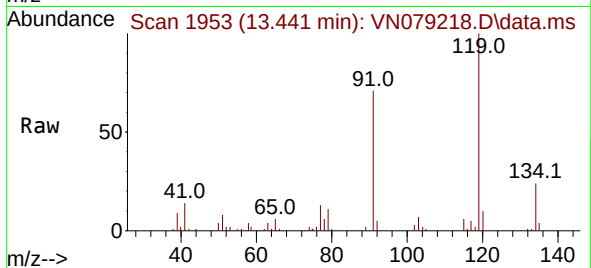
Ion	Ratio	Lower	Upper
119	100		
91	65.4	33.9	101.7
134	24.7	13.2	39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 09/12/2023

Supervised By :Mahesh Dadoda 09/12/2023



#84

1,2,4-Trimethylbenzene

Concen: 10.244 ug/l

RT: 13.488 min Scan# 1961

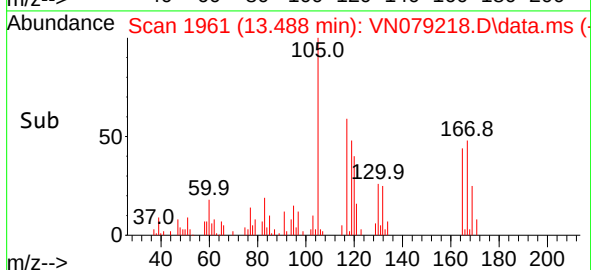
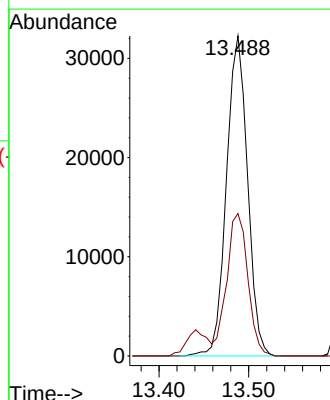
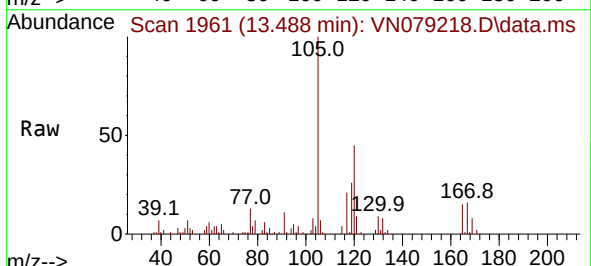
Delta R.T. -0.000 min

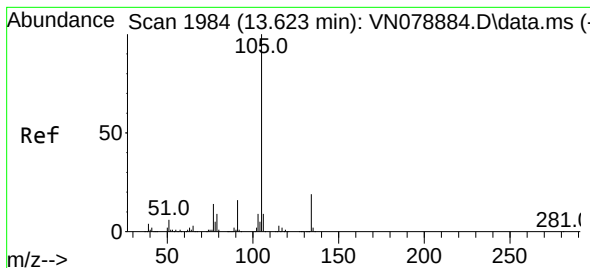
Lab File: VN079218.D

Acq: 11 Sep 2023 14:43

Tgt Ion:105 Resp: 52588

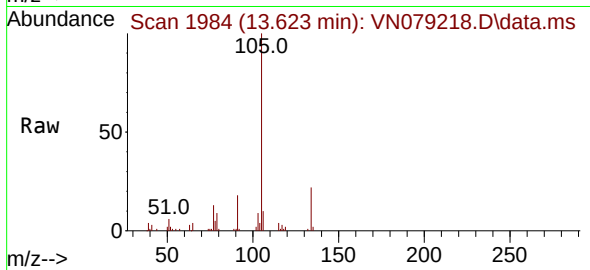
Ion	Ratio	Lower	Upper
105	100		
120	44.9	22.0	66.0





#85
 sec-Butylbenzene
 Concen: 9.906 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN079218.D
 Acq: 11 Sep 2023 14:43

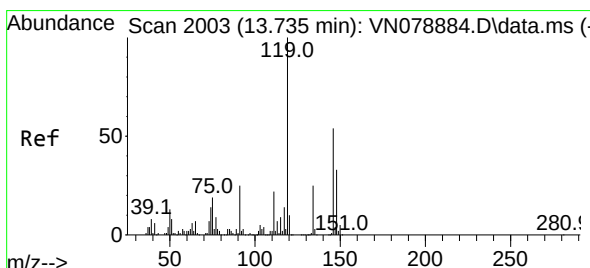
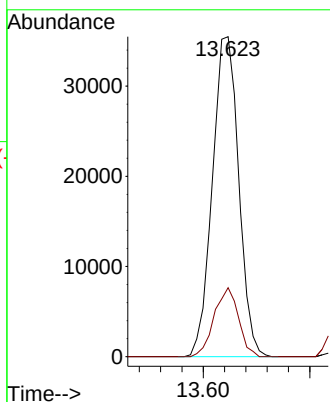
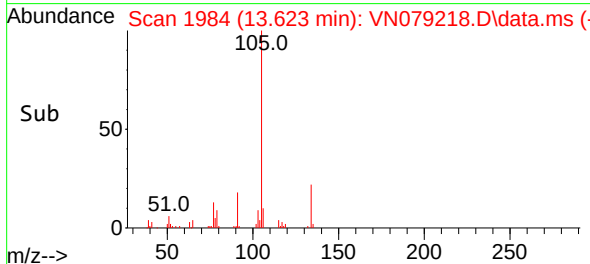
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010



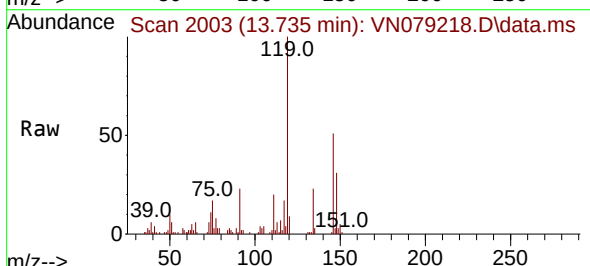
Tgt Ion:105 Resp: 6081
 Ion Ratio Lower Upper
 105 100
 134 19.9 9.8 29.3

Manual Integrations
 APPROVED

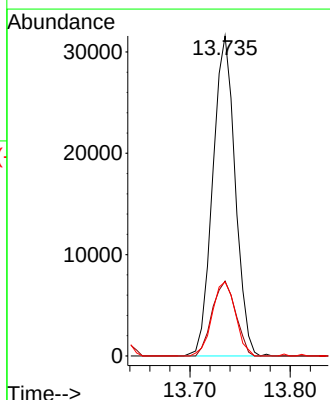
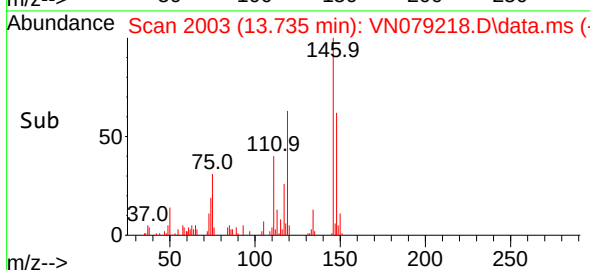
Reviewed By :John Carlone 09/12/2023
 Supervised By :Mahesh Dadoda 09/12/2023

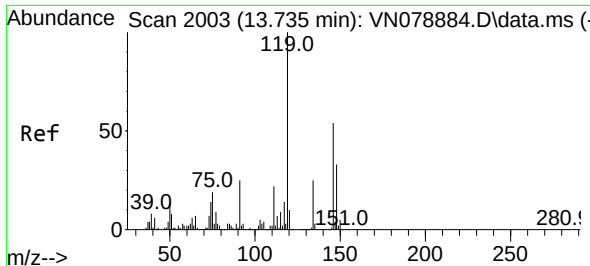


#86
 p-Isopropyltoluene
 Concen: 9.988 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079218.D
 Acq: 11 Sep 2023 14:43



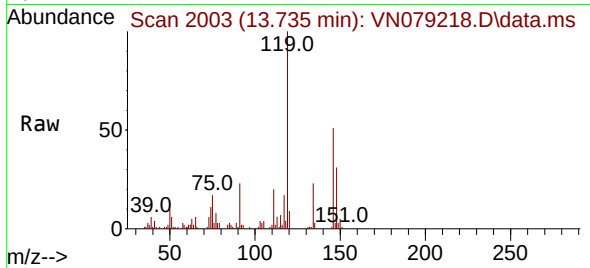
Tgt Ion:119 Resp: 48987
 Ion Ratio Lower Upper
 119 100
 134 24.5 12.6 37.8
 91 24.0 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 9.645 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

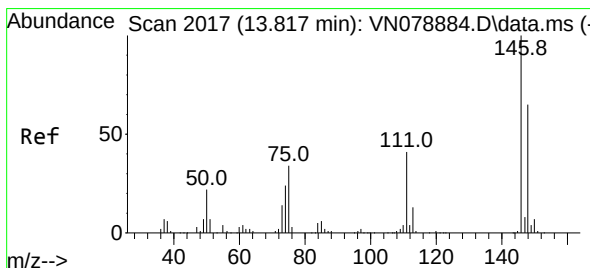
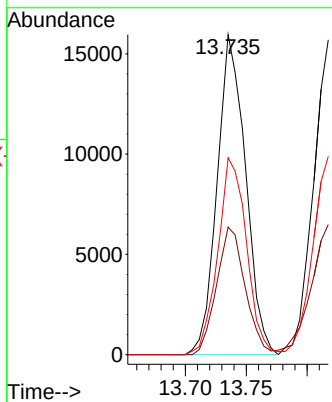
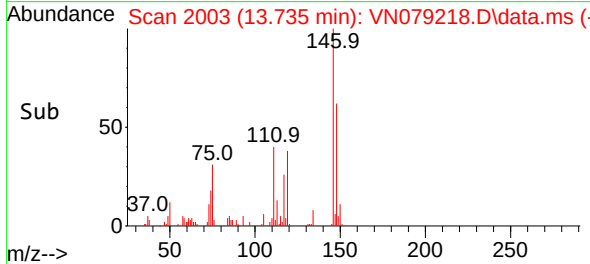
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



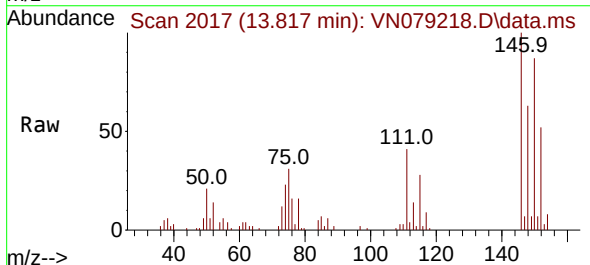
Tgt Ion:146 Resp: 25912
Ion Ratio Lower Upper
146 100
111 40.0 22.1 66.3
148 62.2 32.0 96.0

Manual Integrations
APPROVED

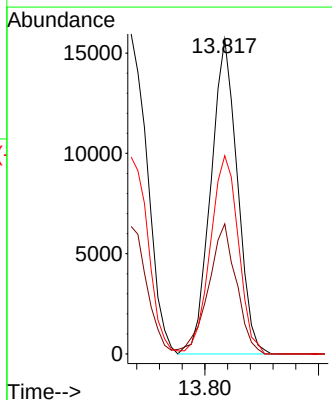
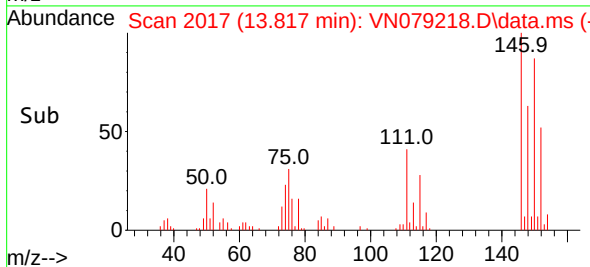
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023

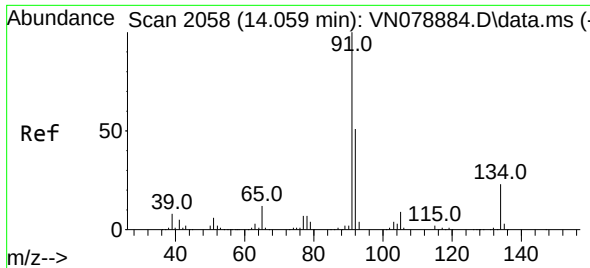


#88
1,4-Dichlorobenzene
Concen: 9.405 ug/l
RT: 13.817 min Scan# 2017
Delta R.T. -0.001 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43



Tgt Ion:146 Resp: 25533
Ion Ratio Lower Upper
146 100
111 43.6 20.6 61.8
148 66.5 31.6 94.8





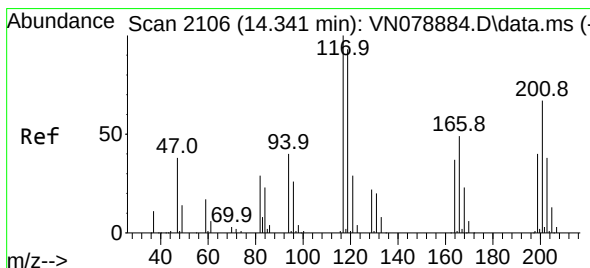
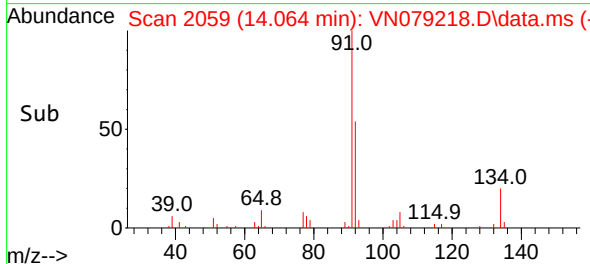
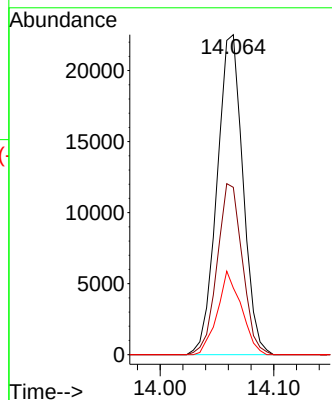
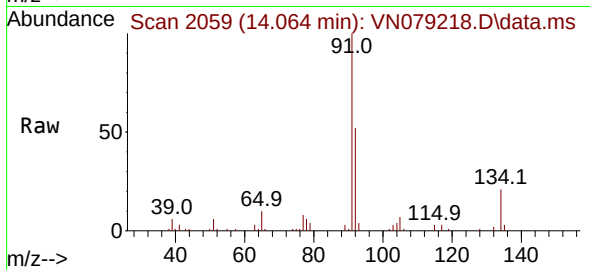
#89
n-Butylbenzene
Concen: 9.250 ug/l
RT: 14.064 min Scan# 2058
Delta R.T. 0.005 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010

Tgt Ion: 91 Resp: 35674
Ion Ratio Lower Upper
91 100
92 52.1 26.4 79.0
134 24.1 12.6 37.6

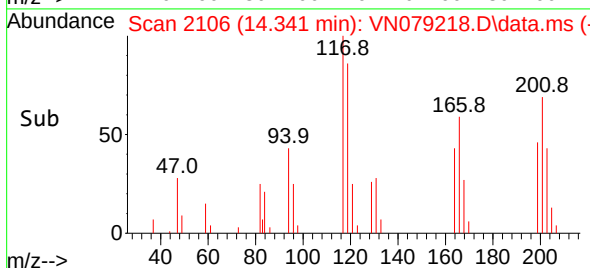
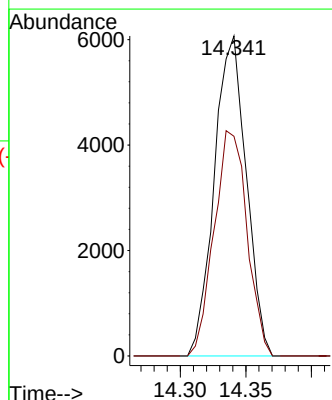
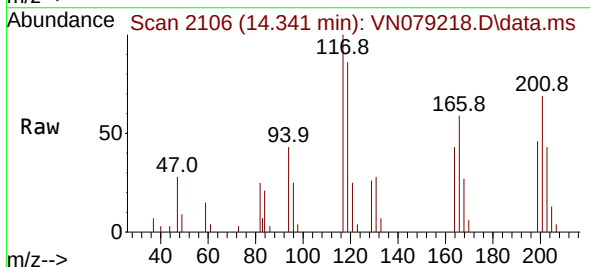
Manual Integrations
APPROVED

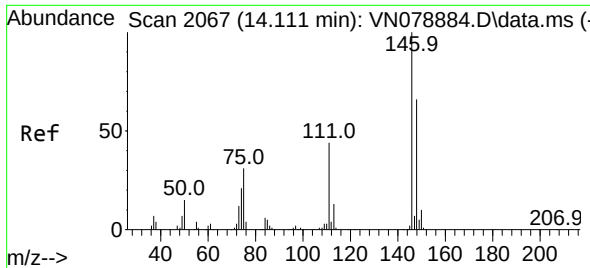
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#90
Hexachloroethane
Concen: 10.329 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.006 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

Tgt Ion:117 Resp: 10288
Ion Ratio Lower Upper
117 100
201 72.3 29.3 88.0





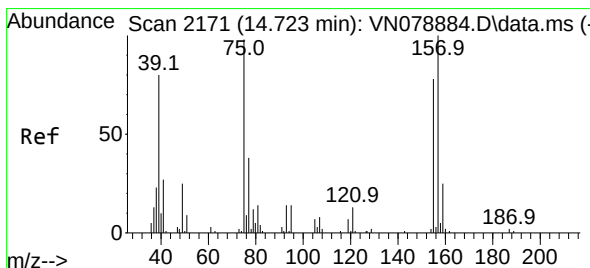
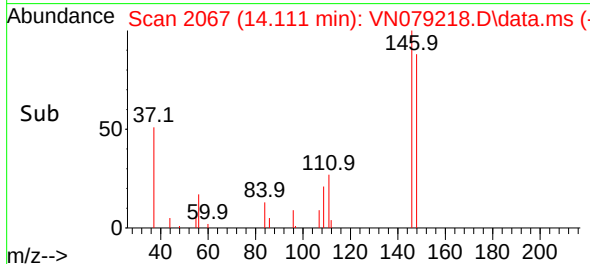
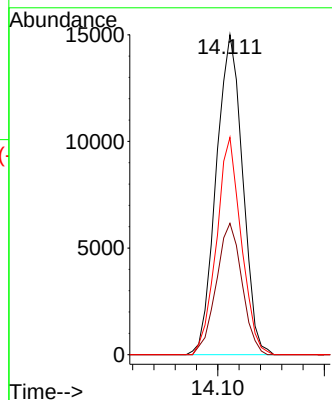
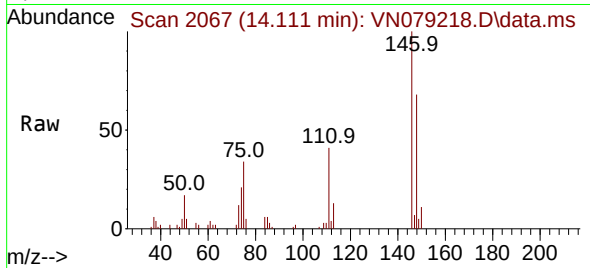
#91
1,2-Dichlorobenzene
Concen: 9.740 ug/l
RT: 14.111 min Scan# 2067
Delta R.T. -0.001 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Tgt Ion:146 Resp: 2583
Ion Ratio Lower Upper
146 100
111 40.0 22.0 66.0
148 63.7 31.8 95.3

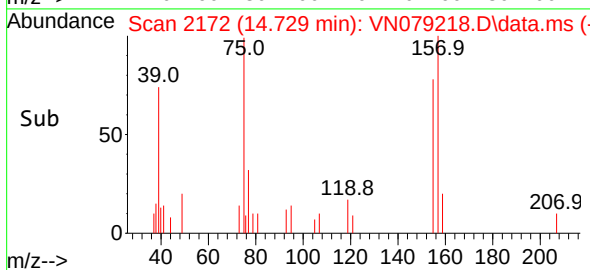
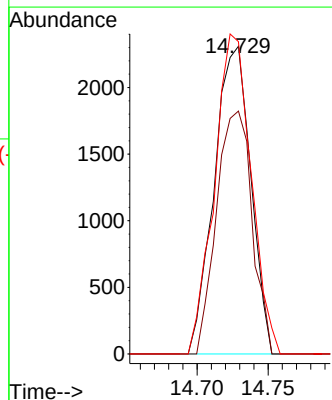
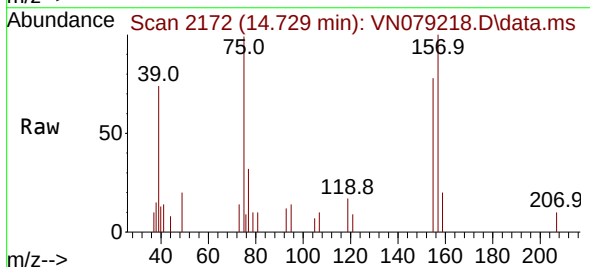
Manual Integrations
APPROVED

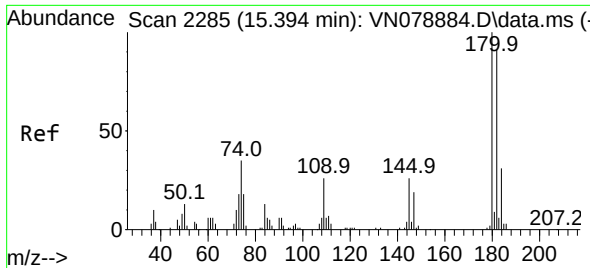
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.873 ug/l
RT: 14.729 min Scan# 2172
Delta R.T. 0.006 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

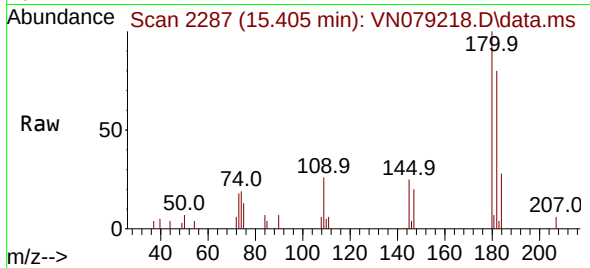
Tgt Ion: 75 Resp: 4127
Ion Ratio Lower Upper
75 100
155 76.8 39.1 117.2
157 104.4 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 8.959 ug/l
RT: 15.405 min Scan# 2285
Delta R.T. 0.005 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

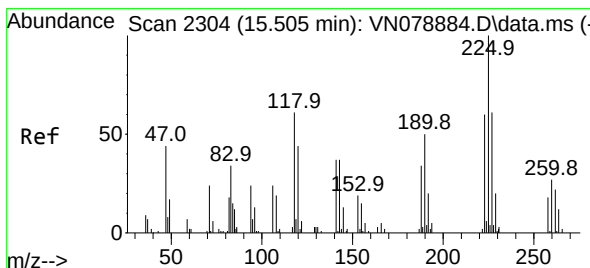
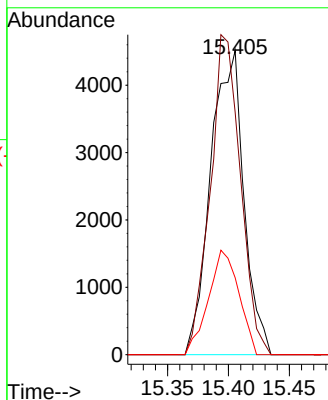
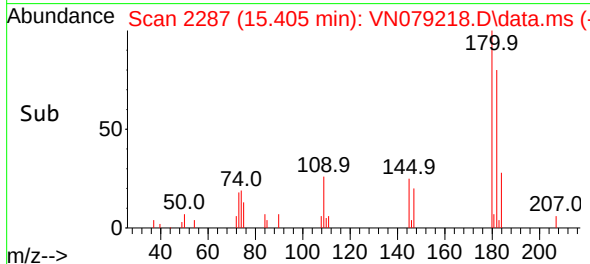
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



Tgt Ion:180 Resp: 8539
Ion Ratio Lower Upper
180 100
182 95.9 46.1 138.2
145 31.5 16.6 49.8

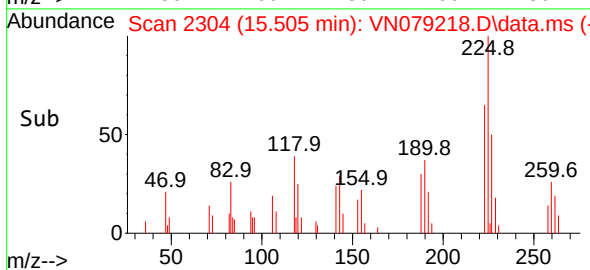
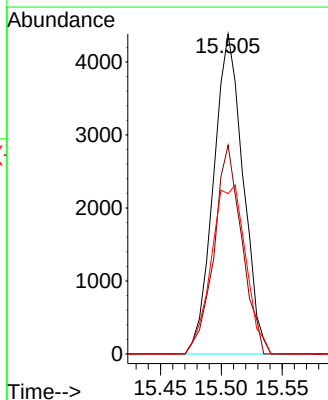
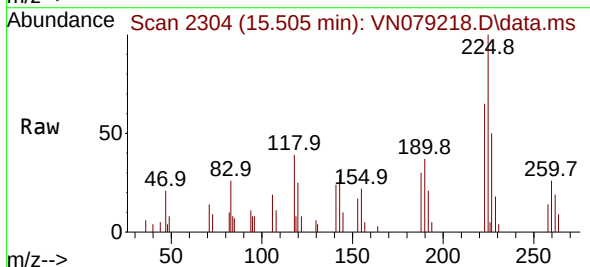
Manual Integrations
APPROVED

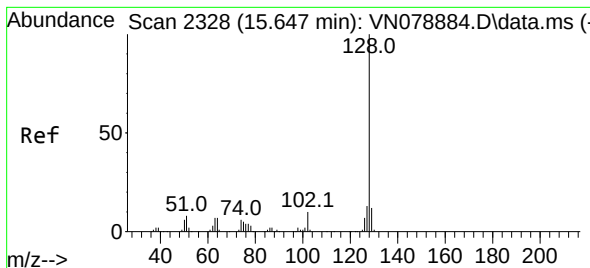
Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#94
Hexachlorobutadiene
Concen: 9.871 ug/l
RT: 15.505 min Scan# 2304
Delta R.T. -0.001 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

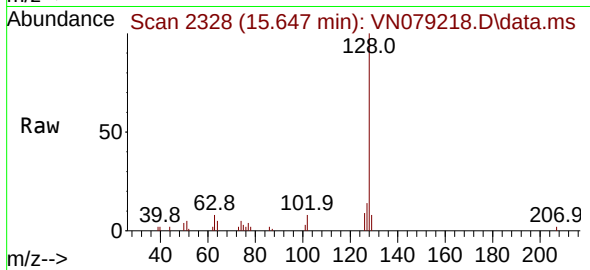
Tgt Ion:225 Resp: 7401
Ion Ratio Lower Upper
225 100
223 61.0 31.3 93.8
227 61.4 31.9 95.9





#95
Naphthalene
Concen: 8.342 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. -0.000 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43

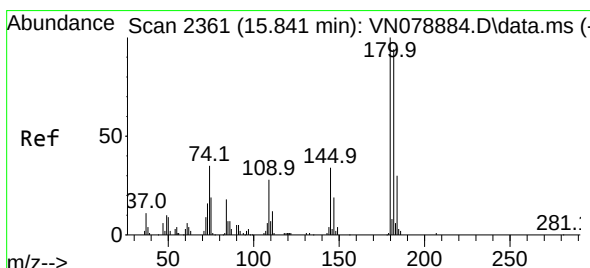
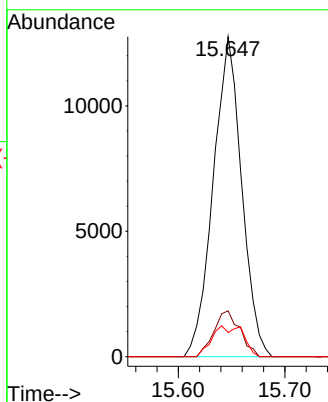
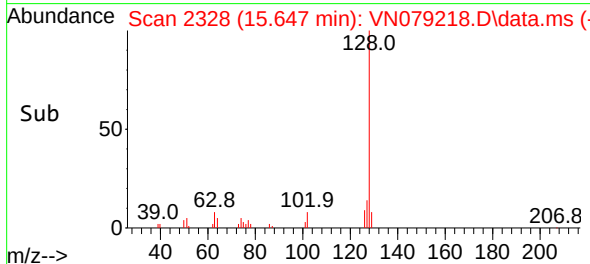
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC010



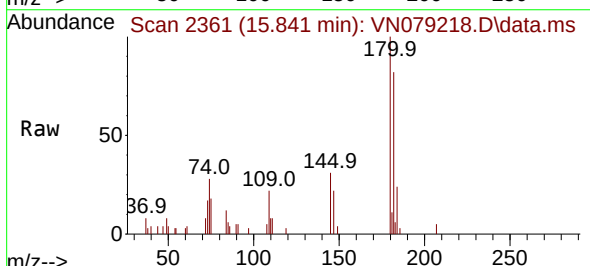
Tgt Ion:128 Resp: 23614
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 10.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 09/12/2023
Supervised By :Mahesh Dadoda 09/12/2023



#96
1,2,3-Trichlorobenzene
Concen: 9.116 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN079218.D
Acq: 11 Sep 2023 14:43



Tgt Ion:180 Resp: 10249
Ion Ratio Lower Upper
180 100
182 94.4 46.2 138.6
145 31.0 17.5 52.6

