

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011323\
 Data File : VN076236.D
 Acq On : 13 Jan 2023 09:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 16 01:01:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/16/2023
 Supervised By : Mahesh Dadoda 01/16/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	362452	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	570491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	512177	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	259564	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	184827	46.873	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.740%		
35) Dibromofluoromethane	8.171	113	167688	47.464	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.920%		
50) Toluene-d8	10.570	98	604348	45.751	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.500%		
62) 4-Bromofluorobenzene	12.853	95	214345	48.992	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	153902	59.802	ug/l	99
3) Chloromethane	2.371	50	149854	46.827	ug/l	97
4) Vinyl Chloride	2.524	62	188099	49.276	ug/l	96
5) Bromomethane	2.947	94	163650	50.444	ug/l	100
6) Chloroethane	3.124	64	145362	51.422	ug/l	99
7) Trichlorofluoromethane	3.506	101	277016	47.825	ug/l	96
8) Diethyl Ether	3.977	74	98746	46.675	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	160230	48.444	ug/l	99
10) Methyl Iodide	4.594	142	241911	45.067	ug/l	99
11) Tert butyl alcohol	5.541	59	122014	218.683	ug/l	100
12) 1,1-Dichloroethene	4.353	96	145641	45.338	ug/l	93
13) Acrolein	4.194	56	102167	149.361	ug/l	100
14) Allyl chloride	5.036	41	193523	51.534	ug/l	98
15) Acrylonitrile	5.736	53	361219	237.236	ug/l	100
16) Acetone	4.436	43	320799	236.007	ug/l	96
17) Carbon Disulfide	4.724	76	330053	42.435	ug/l	99
18) Methyl Acetate	5.041	43	203461	50.639	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	524499	49.581	ug/l	95
20) Methylene Chloride	5.288	84	171234	47.054	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	158594	45.080	ug/l	96
22) Diisopropyl ether	6.683	45	448538	49.169	ug/l	99
23) Vinyl Acetate	6.612	43	1463089	238.285	ug/l	98
24) 1,1-Dichloroethane	6.583	63	285372	46.906	ug/l	98
25) 2-Butanone	7.488	43	470142	247.022	ug/l	97
26) 2,2-Dichloropropane	7.500	77	242421	47.052	ug/l	95
27) cis-1,2-Dichloroethene	7.494	96	196829	46.780	ug/l	97
28) Bromochloromethane	7.824	49	113189	42.447	ug/l	97
29) Tetrahydrofuran	7.841	42	293526	246.101	ug/l	98
30) Chloroform	7.971	83	316134	46.151	ug/l	96
31) Cyclohexane	8.265	56	246948	43.729	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	287445	47.333	ug/l	99
36) 1,1-Dichloropropene	8.377	75	225730	48.097	ug/l	99
37) Ethyl Acetate	7.571	43	190598	50.559	ug/l	97
38) Carbon Tetrachloride	8.371	117	255695	48.678	ug/l	98
39) Methylcyclohexane	9.606	83	286048	50.521	ug/l	99
40) Benzene	8.612	78	680957	47.027	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	100860	51.472	ug/l	98
42) 1,2-Dichloroethane	8.677	62	231734	48.137	ug/l	100
43) Isopropyl Acetate	8.694	43	315224	50.691	ug/l	99
44) Trichloroethene	9.359	130	187451	45.951	ug/l	97
45) 1,2-Dichloropropane	9.623	63	166389	47.220	ug/l	98
46) Dibromomethane	9.712	93	123728	47.342	ug/l	99
47) Bromodichloromethane	9.894	83	245456	47.892	ug/l	99
48) Methyl methacrylate	9.682	41	147186	52.552	ug/l	98
49) 1,4-Dioxane	9.700	88	65952	957.833	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	969509	257.799	ug/l	98
52) Toluene	10.635	92	454765	48.222	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	249600	49.751	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	276921	50.273	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	180561	48.780	ug/l	97
56) Ethyl methacrylate	10.876	69	255346	51.935	ug/l	98
57) 1,3-Dichloropropane	11.165	76	297947	49.072	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	433684	277.049	ug/l	99
59) 2-Hexanone	11.200	43	705291	257.164	ug/l	98
60) Dibromochloromethane	11.359	129	203031	49.322	ug/l	100
61) 1,2-Dibromoethane	11.470	107	180290	48.131	ug/l	99
64) Tetrachloroethene	11.106	164	186494	51.745	ug/l	98
65) Chlorobenzene	11.894	112	482883	45.935	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	186663	47.939	ug/l	98
67) Ethyl Benzene	11.965	91	871079	49.097	ug/l	99
68) m/p-Xylenes	12.076	106	698211	99.427	ug/l	100
69) o-Xylene	12.400	106	342275	49.253	ug/l	99
70) Styrene	12.417	104	566778	51.295	ug/l	99
71) Bromoform	12.582	173	146256	51.620	ug/l #	100
73) Isopropylbenzene	12.700	105	894374	47.682	ug/l	100
74) N-amyl acetate	12.500	43	270767	49.206	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	255706	44.098	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	228018m	43.580	ug/l	
77) Bromobenzene	12.982	156	214269	45.138	ug/l	98
78) n-propylbenzene	13.041	91	1026889	49.637	ug/l	99
79) 2-Chlorotoluene	13.129	91	600146	46.472	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	759069	48.352	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	73916	50.851	ug/l	97
82) 4-Chlorotoluene	13.129	91	600146	46.472	ug/l	100
83) tert-Butylbenzene	13.441	119	690036	49.853	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	771765	49.555	ug/l	98
85) sec-Butylbenzene	13.617	105	969117	50.728	ug/l	99
86) p-Isopropyltoluene	13.735	119	820411	51.610	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	404094	46.084	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	401949	44.872	ug/l	100
89) n-Butylbenzene	14.059	91	668163	51.883	ug/l	100
90) Hexachloroethane	14.335	117	138752	48.795	ug/l	99
91) 1,2-Dichlorobenzene	14.111	146	402490	46.600	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	47090	45.767	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	201948	47.228	ug/l	99
94) Hexachlorobutadiene	15.505	225	107502	46.080	ug/l	100
95) Naphthalene	15.647	128	587139	41.931	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	194013	48.545	ug/l	99

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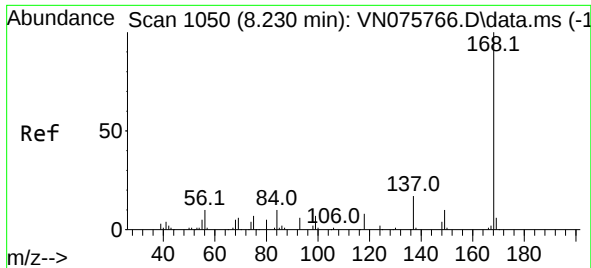
Manual Integrations
APPROVED

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 Supervised By : Mahesh Dadoda 01/16/2023

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 Quant Title : SW846 8260
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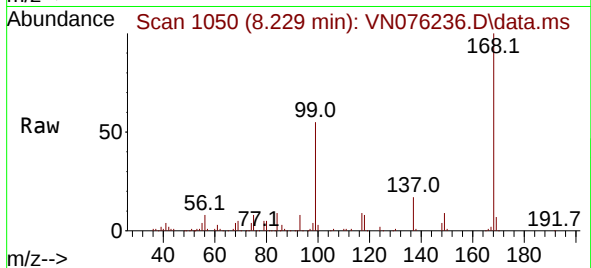
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN076236.D
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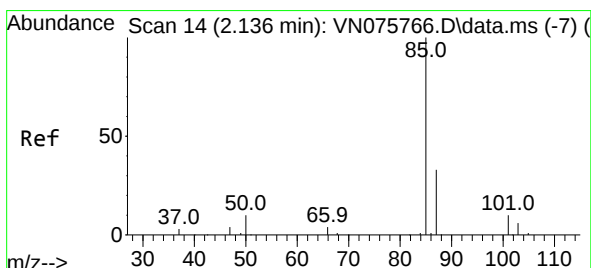
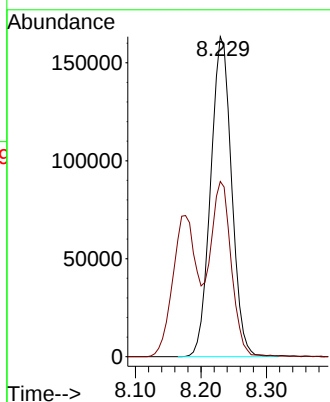
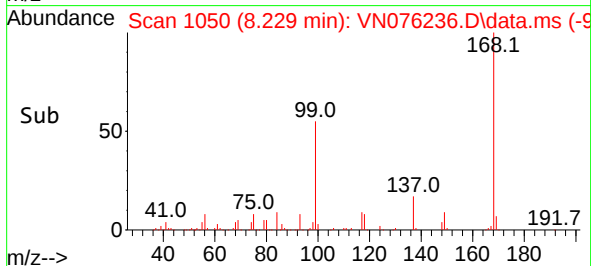
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 362452
Ion Ratio Lower Upper
168 100
99 54.5 44.2 66.4

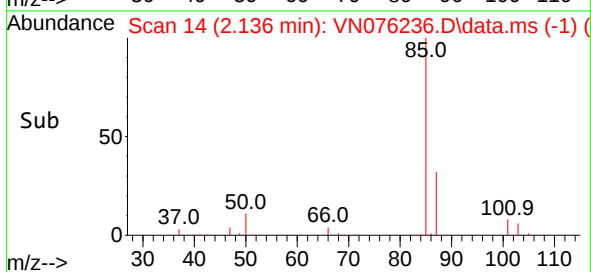
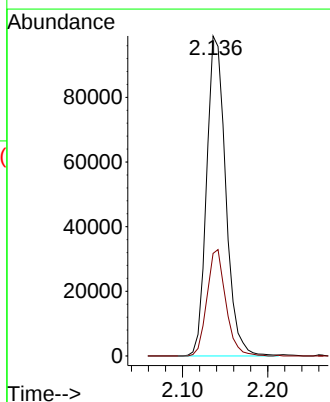
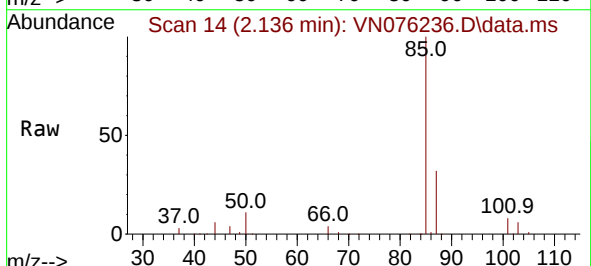
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 01/16/2023



#2
Dichlorodifluoromethane
Concen: 59.802 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

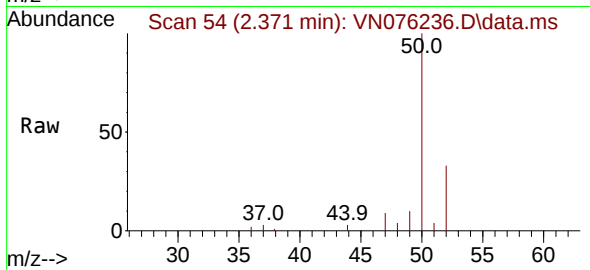
Tgt Ion: 85 Resp: 153902
Ion Ratio Lower Upper
85 100
87 32.0 16.3 48.9





#3
Chloromethane
Concen: 46.827 ug/l
RT: 2.371 min Scan# 54
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

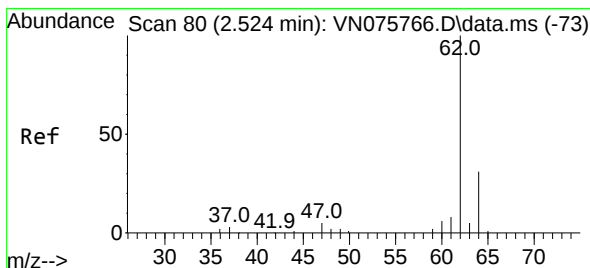
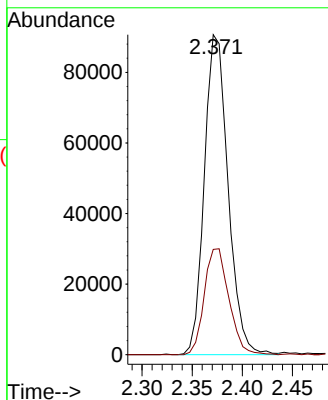
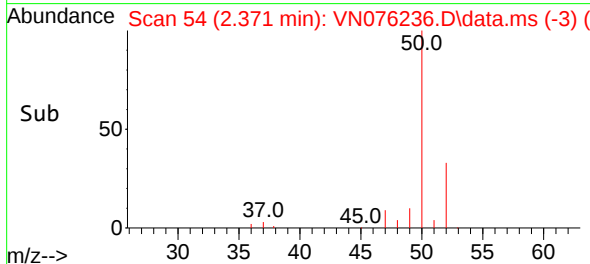
Instrument :
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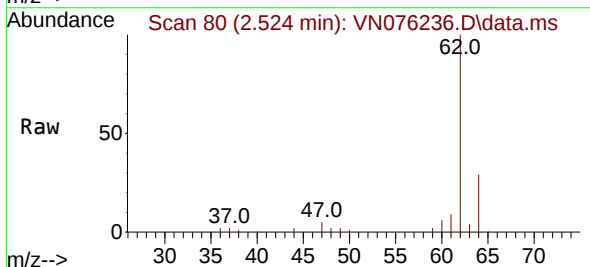
Tgt Ion: 50 Resp: 149854
Ion Ratio Lower Upper
50 100
52 32.9 27.7 41.5

Manual Integrations
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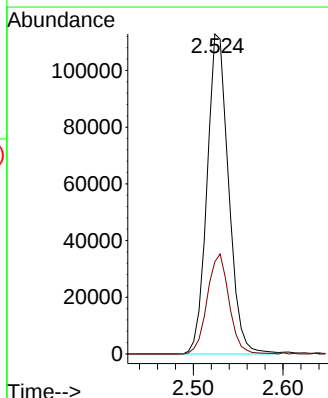
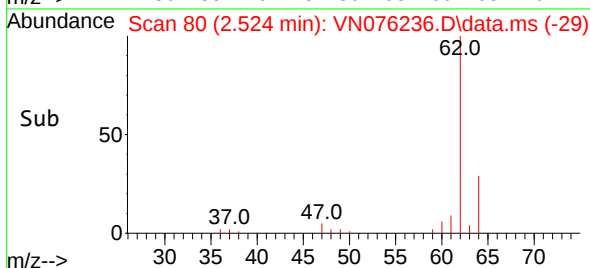
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

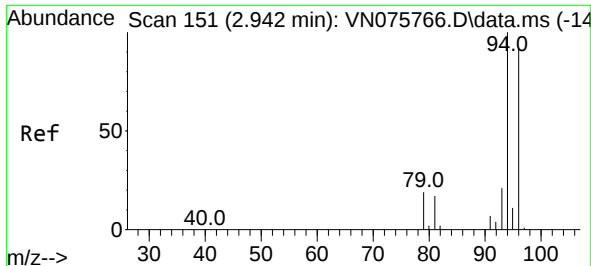


#4
Vinyl Chloride
Concen: 49.276 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53



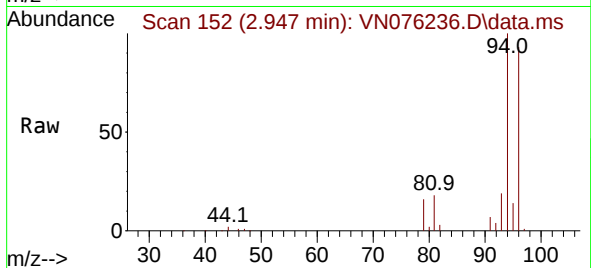
Tgt Ion: 62 Resp: 188099
Ion Ratio Lower Upper
62 100
64 28.8 24.9 37.3





#5
Bromomethane
Concen: 50.444 ug/l
RT: 2.947 min Scan# 151
Delta R.T. 0.006 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

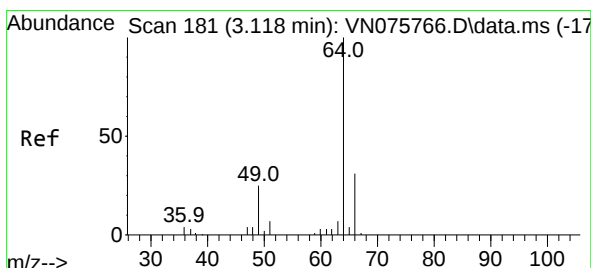
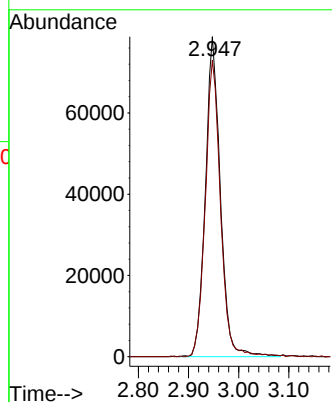
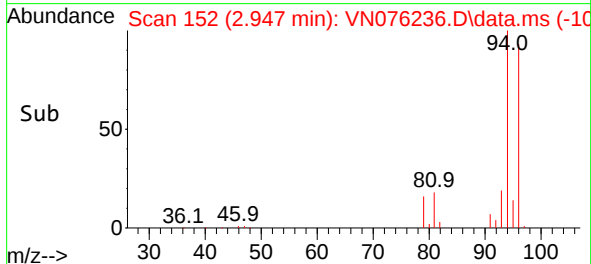
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 163650
Ion Ratio Lower Upper
94 100
96 92.4 73.8 110.6

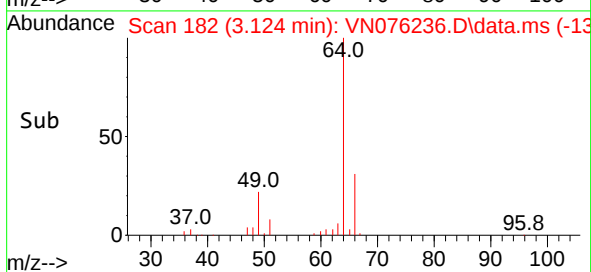
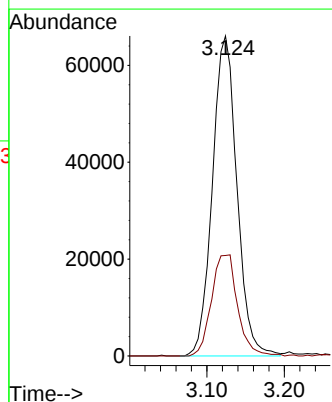
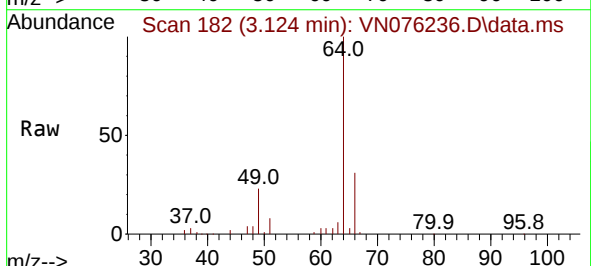
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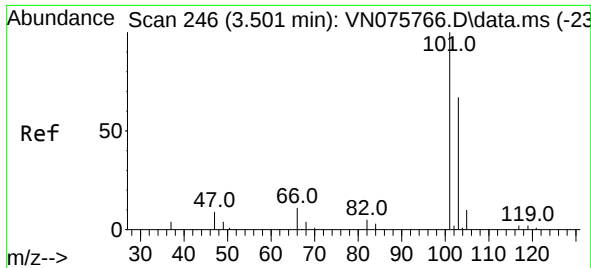
Reviewed By :John Carlone 01/16/2023
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#6
Chloroethane
Concen: 51.422 ug/l
RT: 3.124 min Scan# 182
Delta R.T. 0.006 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

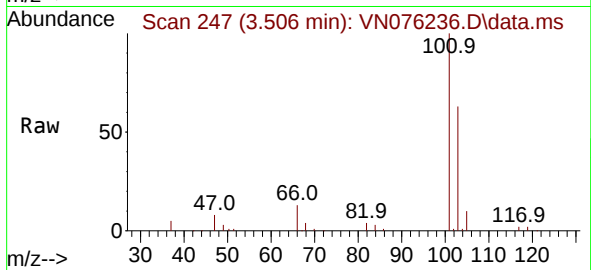
Tgt Ion: 64 Resp: 145362
Ion Ratio Lower Upper
64 100
66 31.4 24.6 36.8





#7
Trichlorofluoromethane
Concen: 47.825 ug/l
RT: 3.506 min Scan# 246
Delta R.T. 0.006 min
Lab File: VN076236.D
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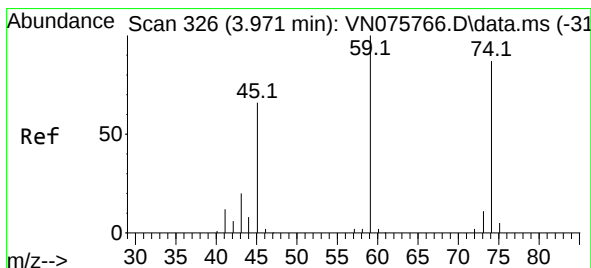
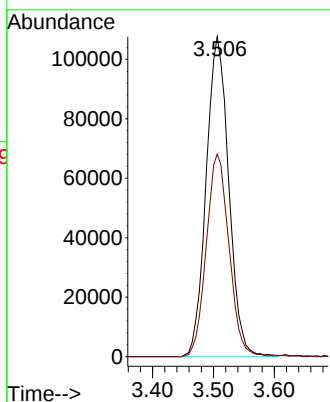
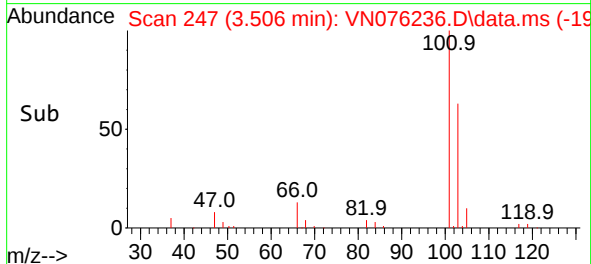
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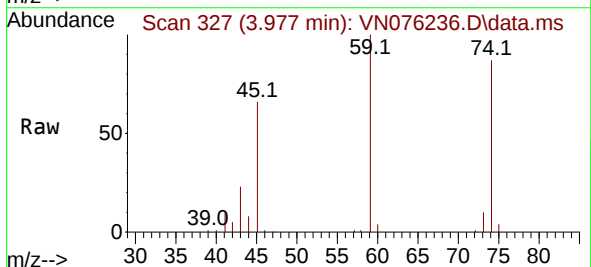
Tgt Ion:101 Resp: 277010
Ion Ratio Lower Upper
101 100
103 63.3 53.4 80.2

Manual Integrations
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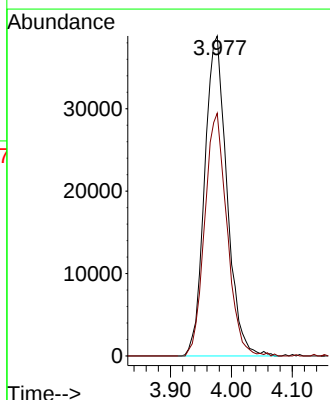
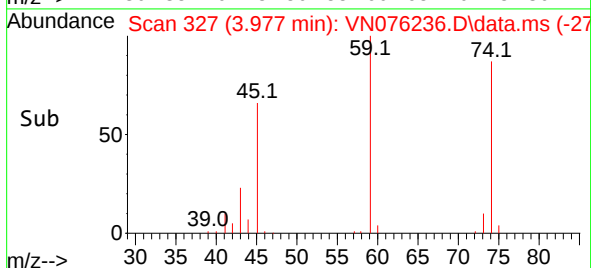
Reviewed By :John Carlone 01/16/2023
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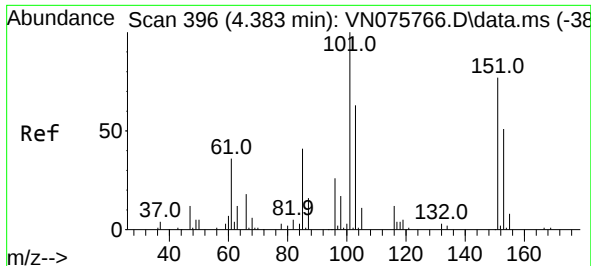


#8
Diethyl Ether
Concen: 46.675 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53



Tgt Ion: 74 Resp: 98746
Ion Ratio Lower Upper
74 100
45 75.9 37.8 113.4





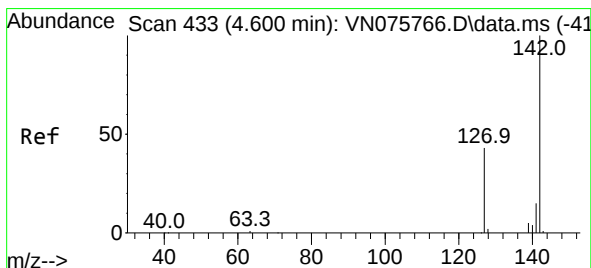
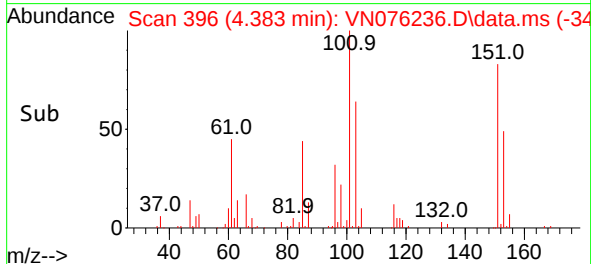
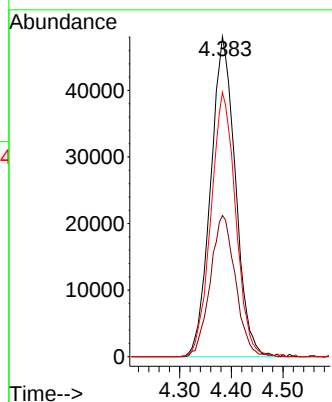
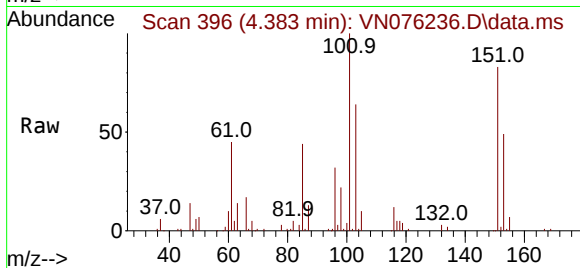
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1,1,2-Trichlorotrifluoroethane
Concen: 48.444 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN076236.D
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Tgt Ion:101 Resp: 160230
Ion Ratio Lower Upper
101 100
85 44.8 35.3 52.9
151 82.2 65.6 98.4

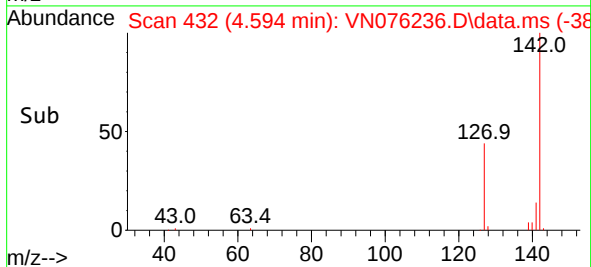
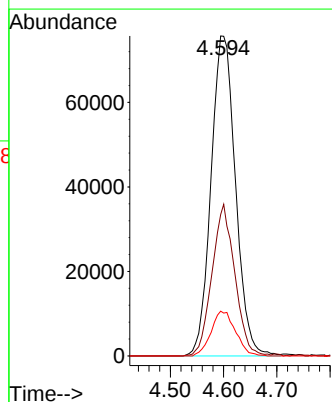
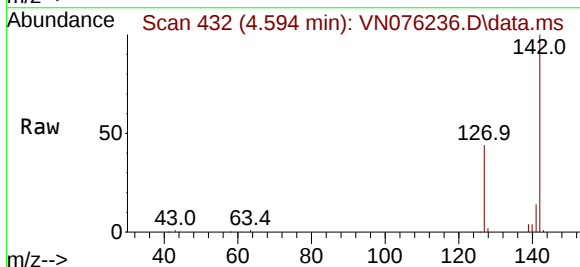
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#10
Methyl Iodide
Concen: 45.067 ug/l
RT: 4.594 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

Tgt Ion:142 Resp: 241911
Ion Ratio Lower Upper
142 100
127 44.0 34.7 52.1
141 14.0 11.4 17.2





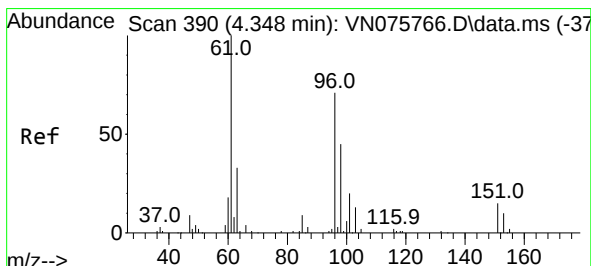
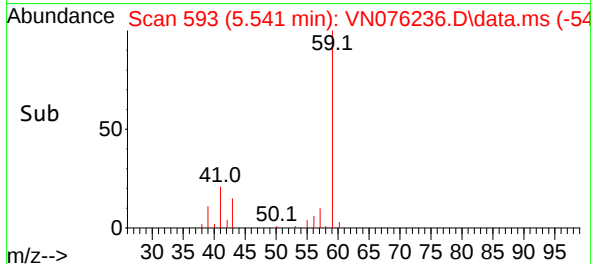
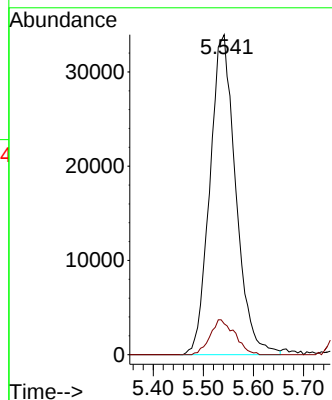
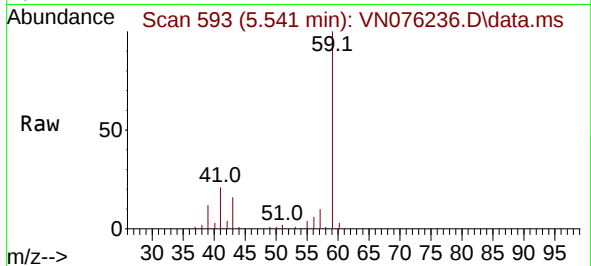
#11
Tert butyl alcohol
Concen: 218.683 ug/l
RT: 5.541 min Scan# 592
Delta R.T. 0.006 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 122014
Ion Ratio Lower Upper
59 100
57 10.4 8.2 12.4

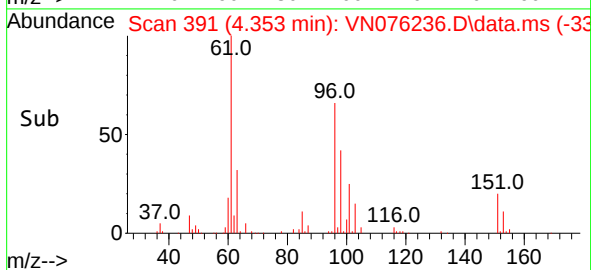
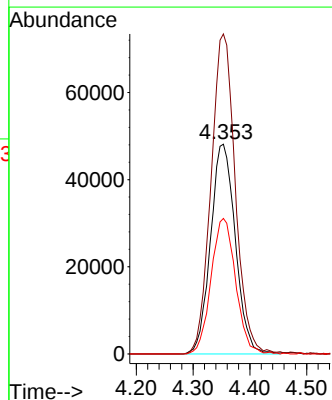
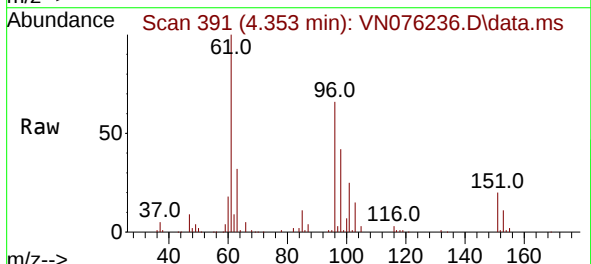
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#12
1,1-Dichloroethene
Concen: 45.338 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

Tgt Ion: 96 Resp: 145641
Ion Ratio Lower Upper
96 100
61 152.5 113.3 169.9
98 64.6 50.9 76.3





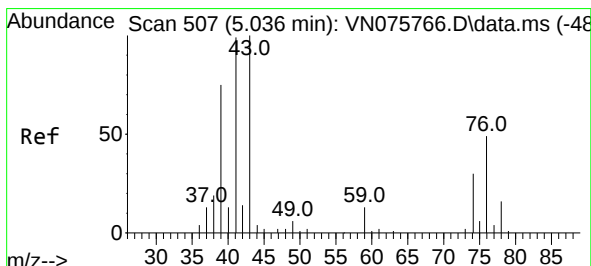
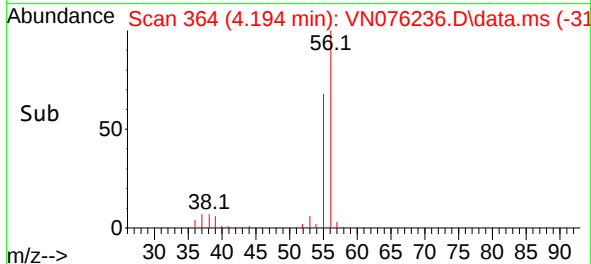
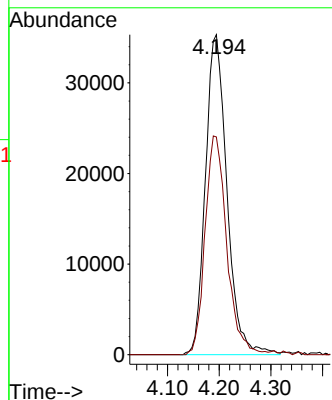
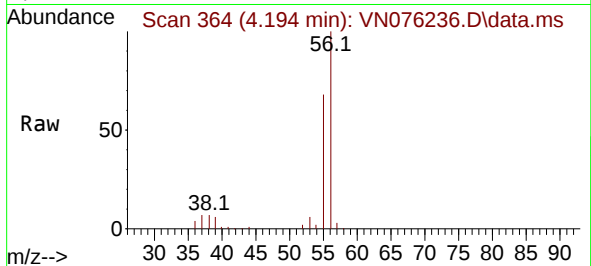
#13
Acrolein
Concen: 149.361 ug/l
RT: 4.194 min Scan# 364
Delta R.T. 0.006 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 10216
Ion Ratio Lower Upper
56 100
55 68.8 54.8 82.2

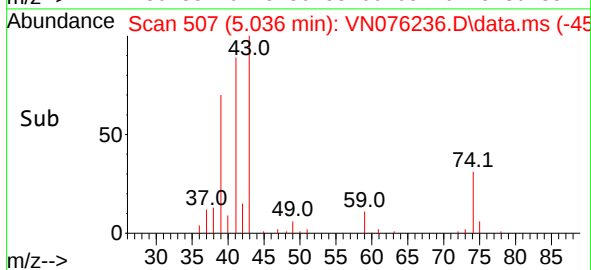
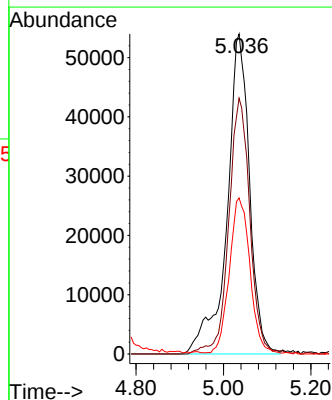
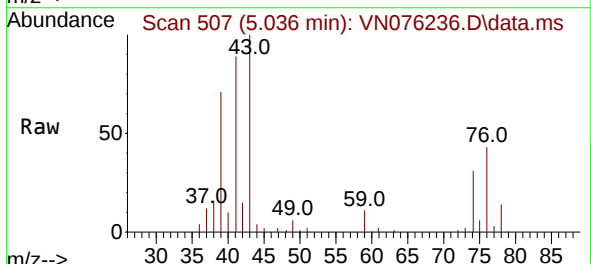
Manual Integrations
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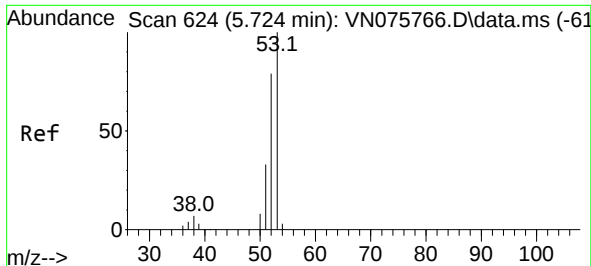
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#14
Allyl chloride
Concen: 51.534 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

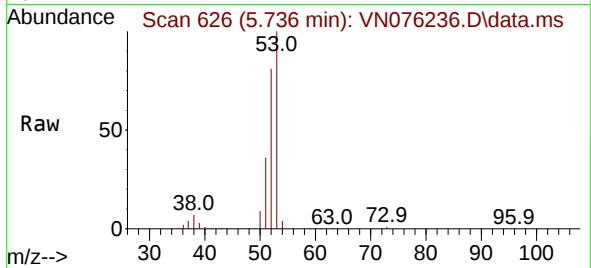
Tgt Ion: 41 Resp: 193523
Ion Ratio Lower Upper
41 100
39 74.6 58.3 87.5
76 44.1 35.8 53.6





#15
Acrylonitrile
Concen: 237.236 ug/l
RT: 5.736 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

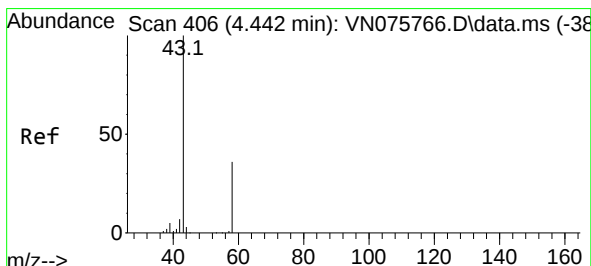
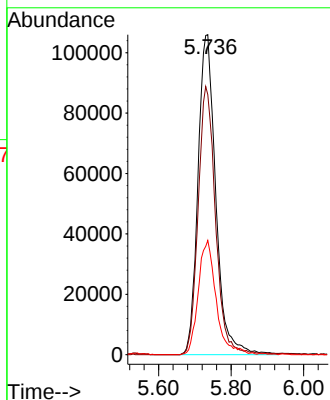
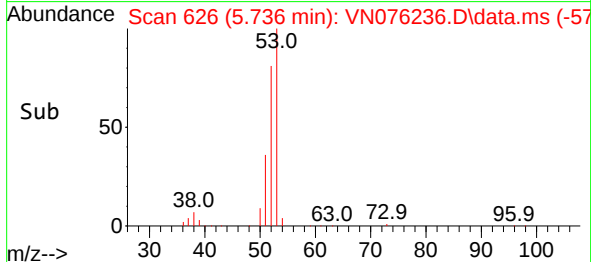
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 361219
Ion Ratio Lower Upper
53 100
52 81.8 65.4 98.0
51 35.9 28.9 43.3

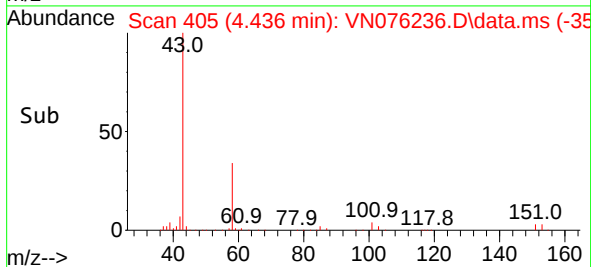
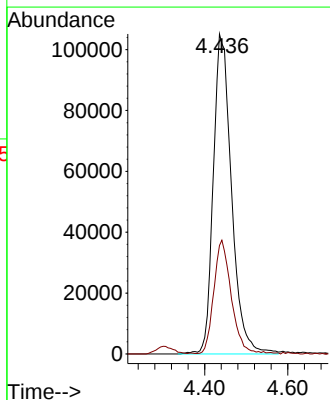
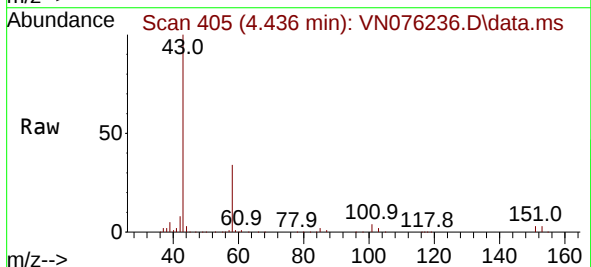
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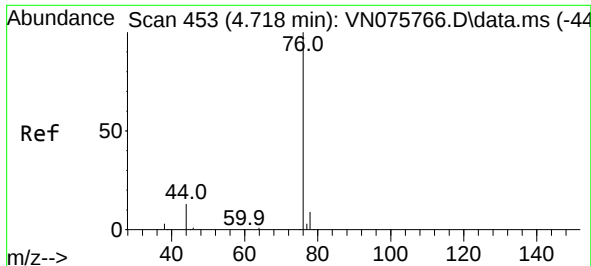
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#16
Acetone
Concen: 236.007 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

Tgt Ion: 43 Resp: 320799
Ion Ratio Lower Upper
43 100
58 33.6 28.6 43.0





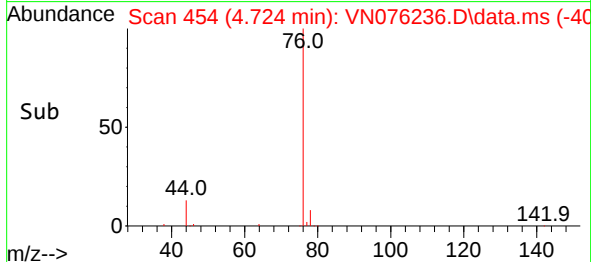
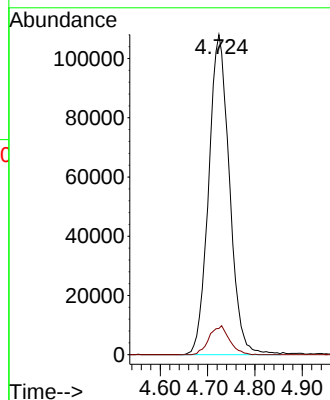
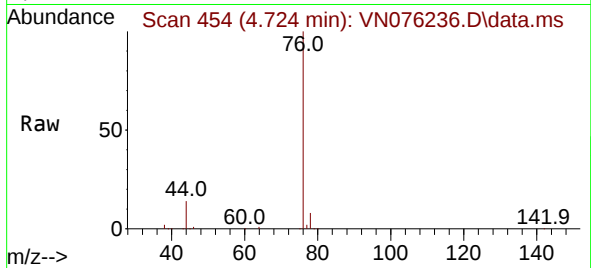
#17
Carbon Disulfide
Concen: 42.435 ug/l
RT: 4.724 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 33005
Ion Ratio Lower Upper
76 100
78 8.2 6.8 10.2

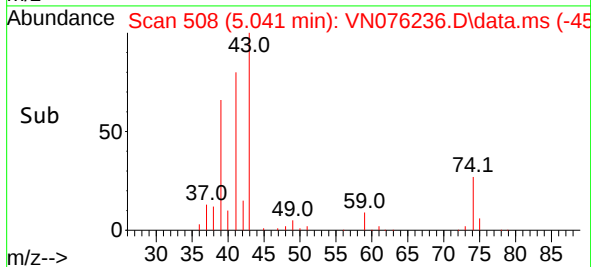
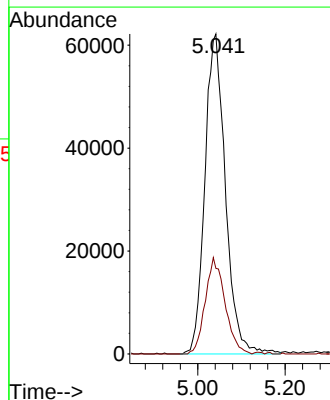
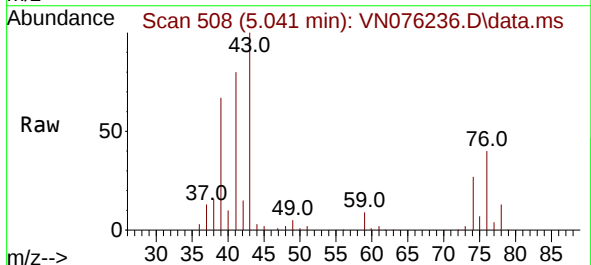
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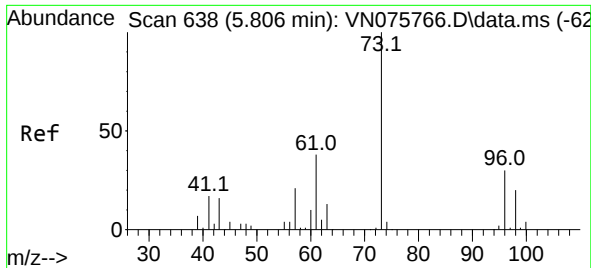
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#18
Methyl Acetate
Concen: 50.639 ug/l
RT: 5.041 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

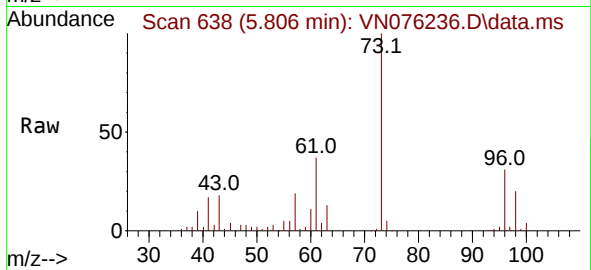
Tgt Ion: 43 Resp: 203461
Ion Ratio Lower Upper
43 100
74 28.9 23.6 35.4





#19
Methyl tert-butyl Ether
Concen: 49.581 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

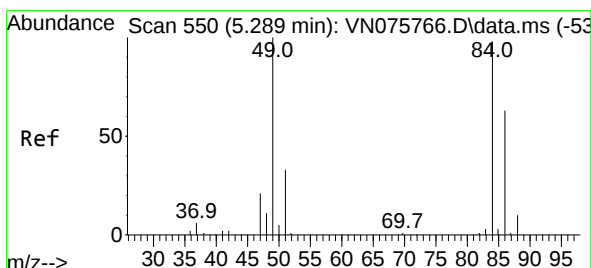
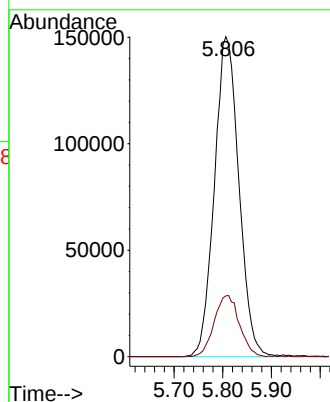
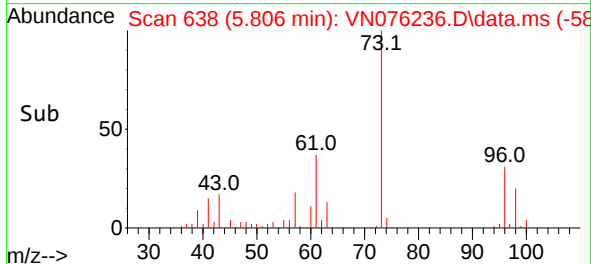
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 52449
Ion Ratio Lower Upper
73 100
57 19.0 17.1 25.7

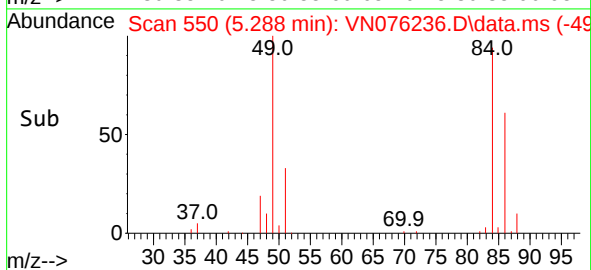
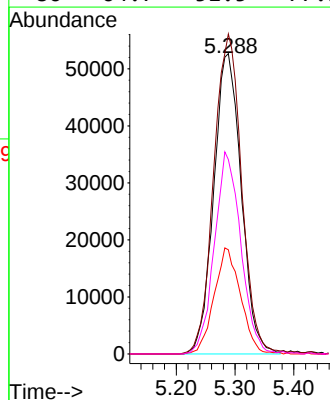
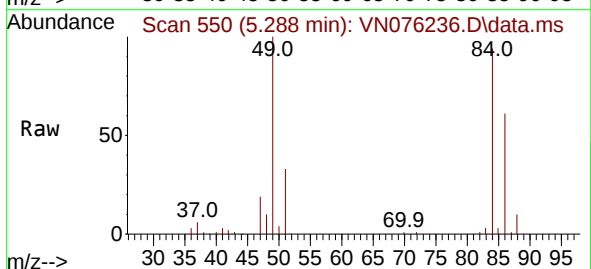
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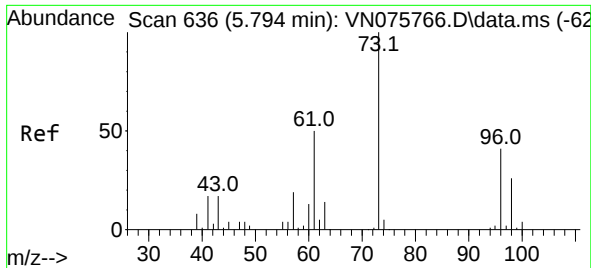
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#20
Methylene Chloride
Concen: 47.054 ug/l
RT: 5.288 min Scan# 550
Delta R.T. -0.001 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

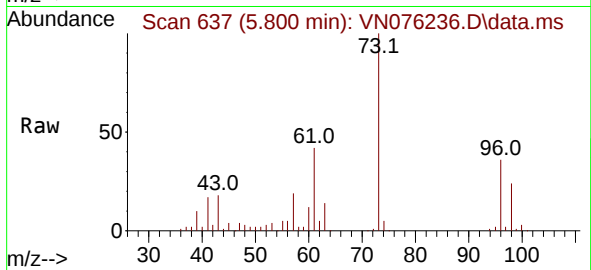
Tgt Ion: 84 Resp: 171234
Ion Ratio Lower Upper
84 100
49 106.6 81.8 122.6
51 34.7 26.7 40.1
86 64.7 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 45.080 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

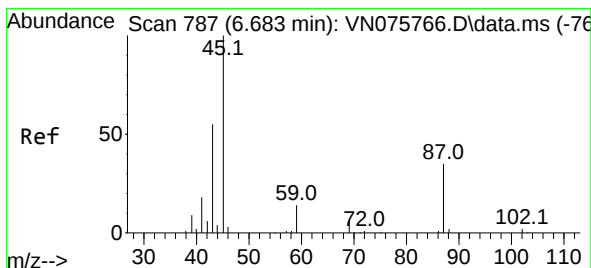
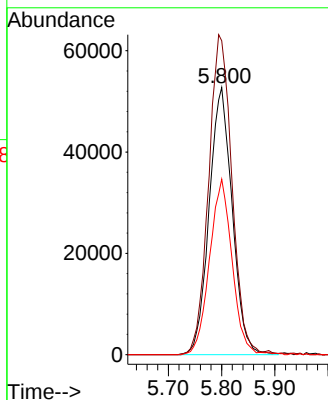
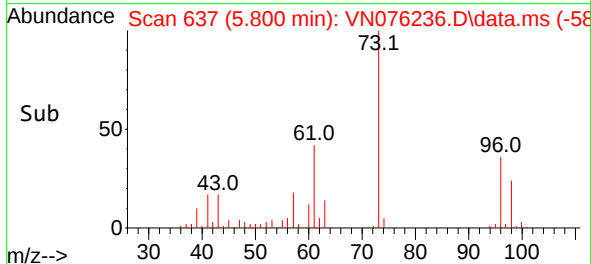
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



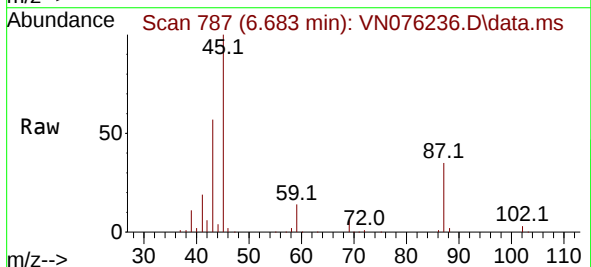
Tgt Ion: 96 Resp: 158594
Ion Ratio Lower Upper
96 100
61 117.5 98.1 147.1
98 65.7 51.4 77.2

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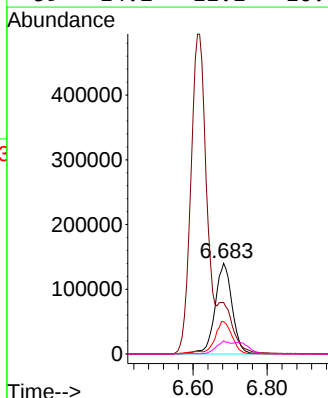
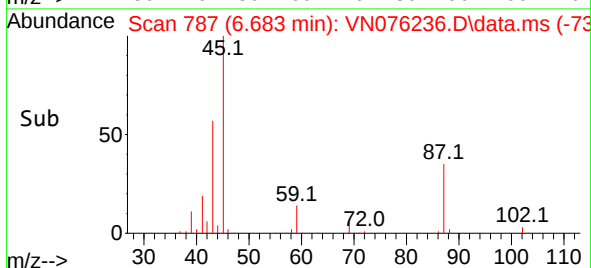
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

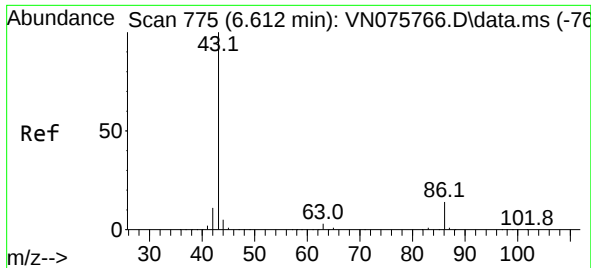


#22
Diisopropyl ether
Concen: 49.169 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53



Tgt Ion: 45 Resp: 448538
Ion Ratio Lower Upper
45 100
43 55.9 44.2 66.4
87 35.1 28.3 42.5
59 14.2 11.1 16.7





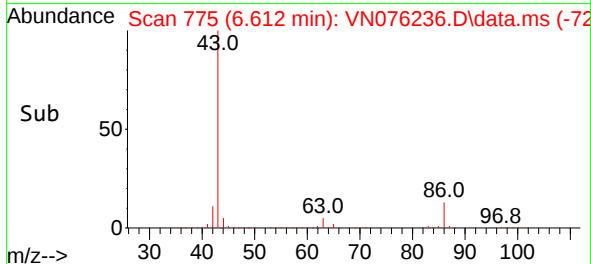
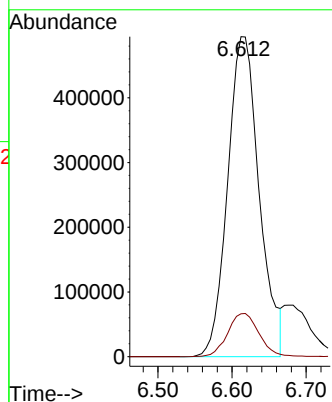
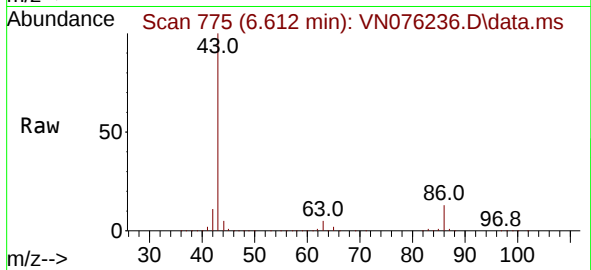
#23
 Vinyl Acetate
 Concen: 238.285 ug/l
 RT: 6.612 min Scan# 775
 Delta R.T. -0.000 min
 Lab File: VN076236.D
 Acq: 13 Jan 2023 09:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 1463089
 Ion Ratio Lower Upper
 43 100
 86 13.4 11.4 17.2

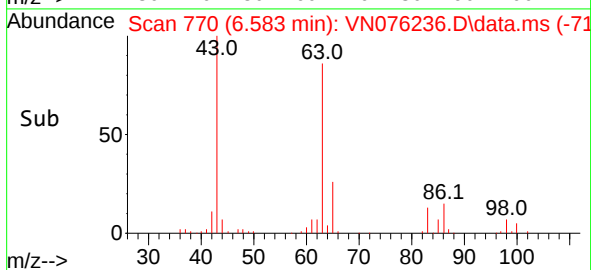
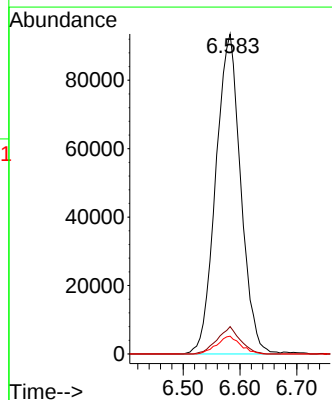
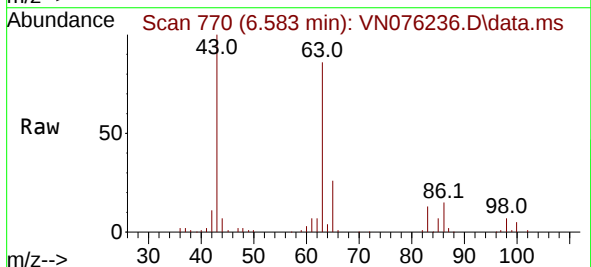
Manual Integrations
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 Supervised By :Mahesh Dadoda 01/16/2023



#24
 1,1-Dichloroethane
 Concen: 46.906 ug/l
 RT: 6.583 min Scan# 770
 Delta R.T. 0.006 min
 Lab File: VN076236.D
 Acq: 13 Jan 2023 09:53

Tgt Ion: 63 Resp: 285372
 Ion Ratio Lower Upper
 63 100
 98 8.6 3.9 11.5
 100 5.6 2.5 7.6





#25

2-Butanone

Concen: 247.022 ug/l

RT: 7.488 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076236.D

Acq: 13 Jan 2023 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 47014

Ion Ratio Lower Upper

43 100

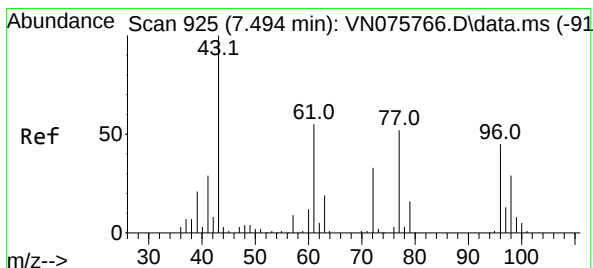
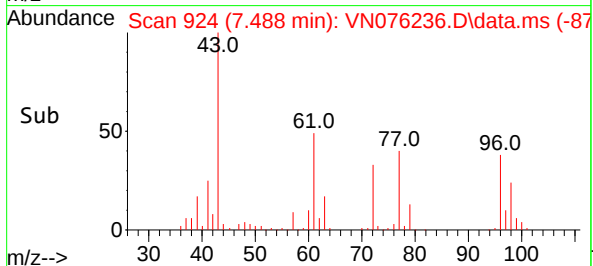
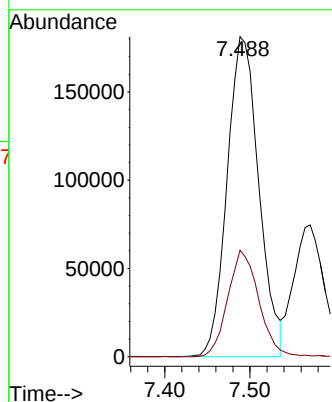
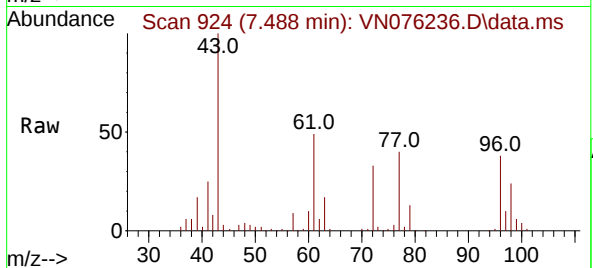
72 33.3 28.0 42.0

Manual Integrations

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Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#26

2,2-Dichloropropane

Concen: 47.052 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN076236.D

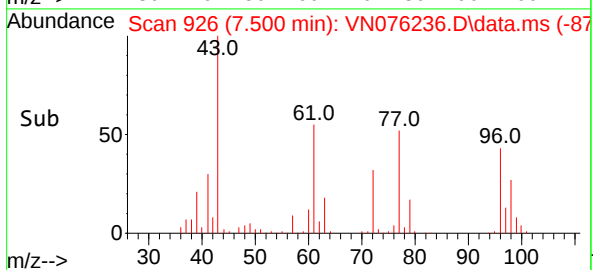
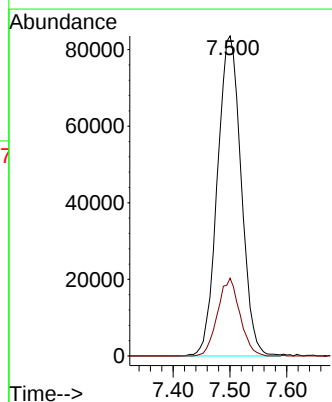
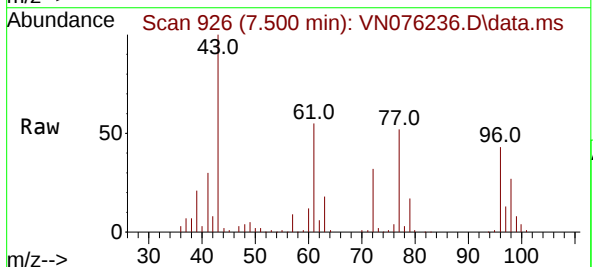
Acq: 13 Jan 2023 09:53

Tgt Ion: 77 Resp: 242421

Ion Ratio Lower Upper

77 100

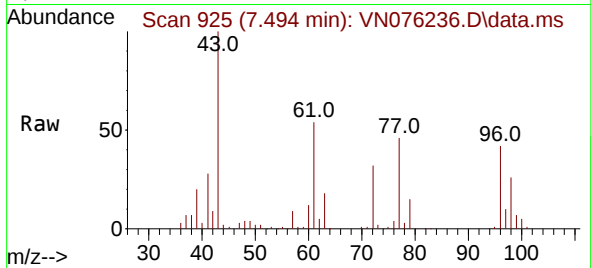
97 22.8 12.7 38.0





#27
 cis-1,2-Dichloroethene
 Concen: 46.780 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VN076236.D
 Acq: 13 Jan 2023 09:53

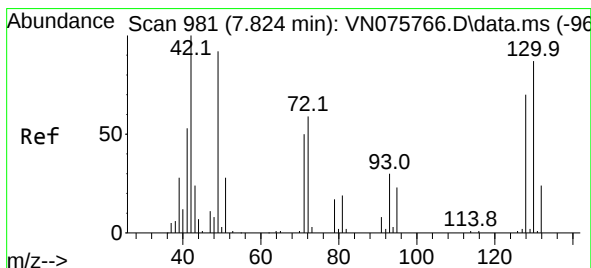
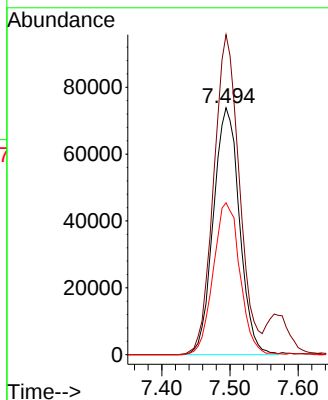
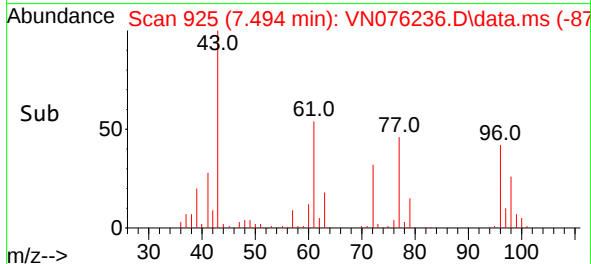
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 196829
 Ion Ratio Lower Upper
 96 100
 61 128.0 0.0 247.8
 98 62.9 0.0 128.4

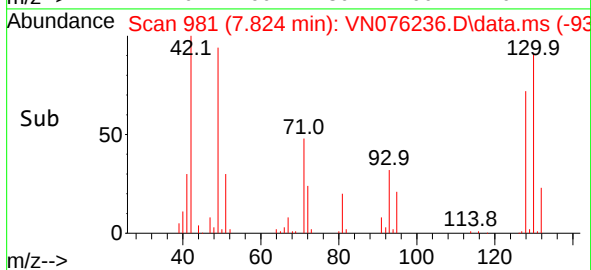
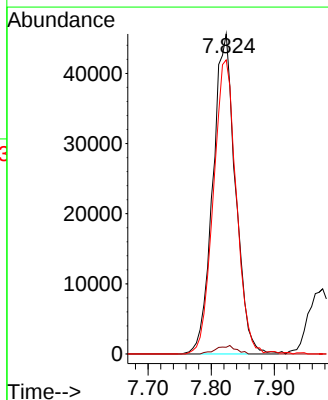
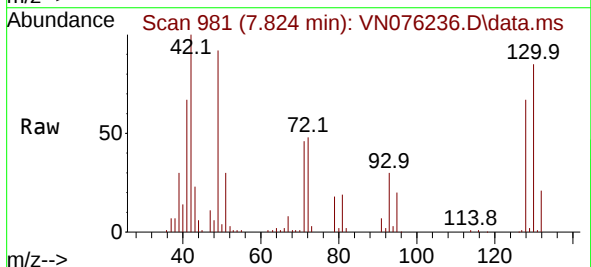
Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/16/2023
 Supervised By :Mahesh Dadoda 01/16/2023



#28
 Bromochloromethane
 Concen: 42.447 ug/l
 RT: 7.824 min Scan# 981
 Delta R.T. -0.000 min
 Lab File: VN076236.D
 Acq: 13 Jan 2023 09:53

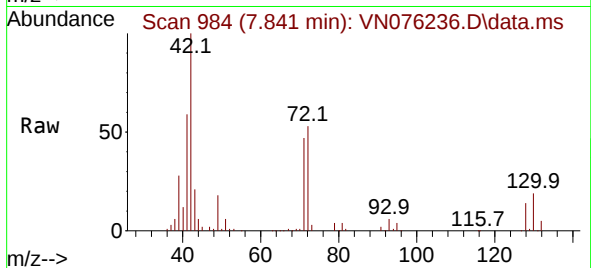
Tgt Ion: 49 Resp: 113189
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 5.0
 130 93.0 77.0 115.4





#29
Tetrahydrofuran
Concen: 246.101 ug/l
RT: 7.841 min Scan# 984
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

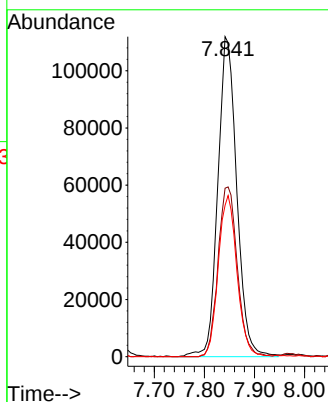
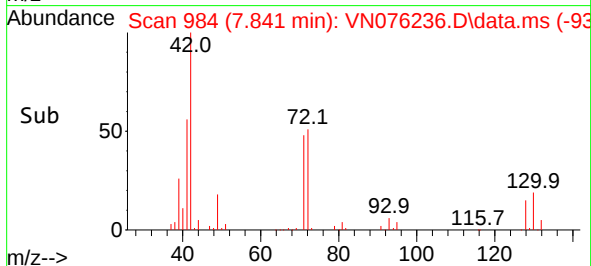
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 42 Resp: 293520
Ion Ratio Lower Upper
42 100
72 54.0 44.5 66.7
71 49.7 41.0 61.6

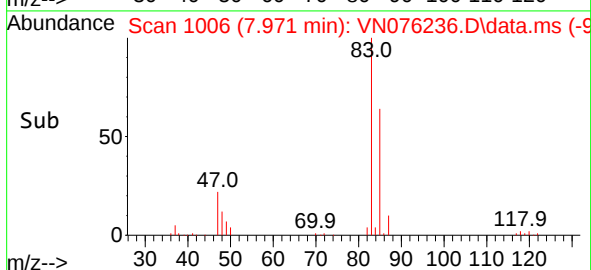
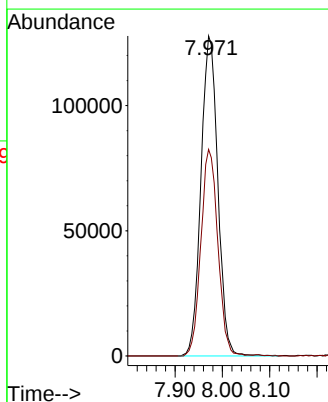
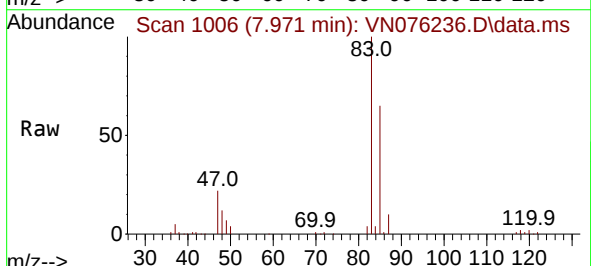
Manual Integrations
APPROVED

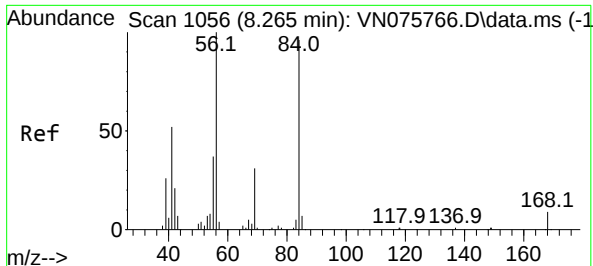
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#30
Chloroform
Concen: 46.151 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

Tgt Ion: 83 Resp: 316134
Ion Ratio Lower Upper
83 100
85 64.5 49.1 73.7





#31

Cyclohexane

Concen: 43.729 ug/l

RT: 8.265 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN076236.D

Acq: 13 Jan 2023 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 246948

Ion Ratio Lower Upper

56 100

69 33.7 24.7 37.1

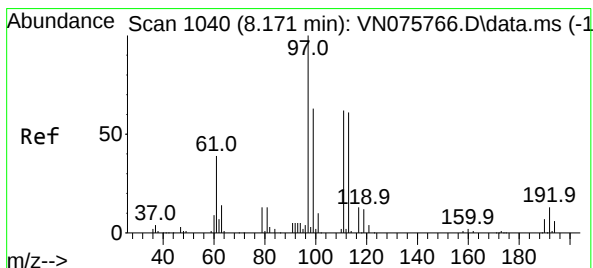
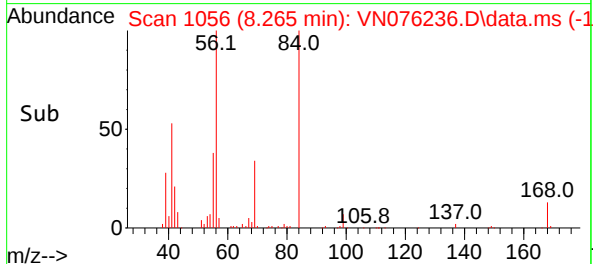
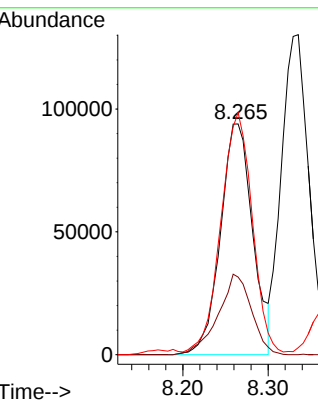
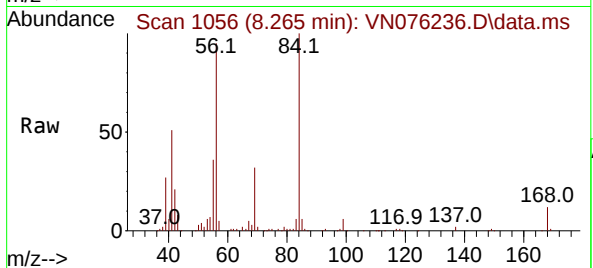
84 103.4 76.5 114.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#32

1,1,1-Trichloroethane

Concen: 47.333 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076236.D

Acq: 13 Jan 2023 09:53

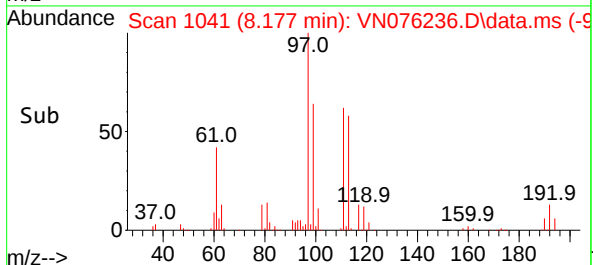
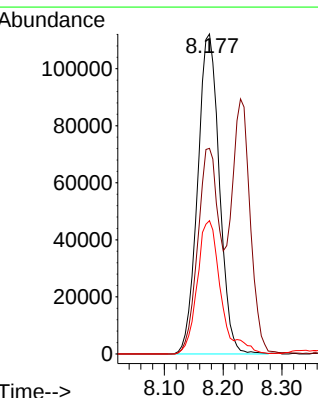
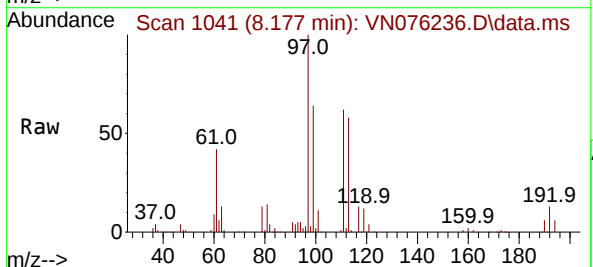
Tgt Ion: 97 Resp: 287445

Ion Ratio Lower Upper

97 100

99 62.9 50.2 75.2

61 45.2 34.5 51.7





#33

1,2-Dichloroethane-d4

Concen: 46.873 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076236.D

Acq: 13 Jan 2023 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 18482

Ion Ratio Lower Upper

65 100

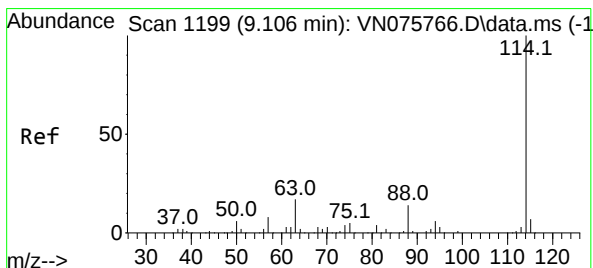
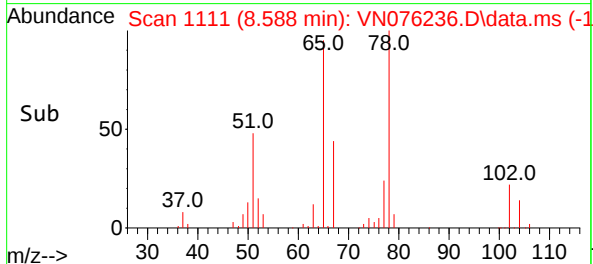
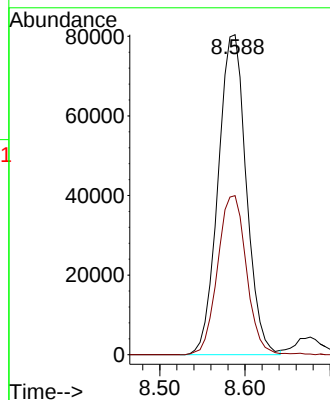
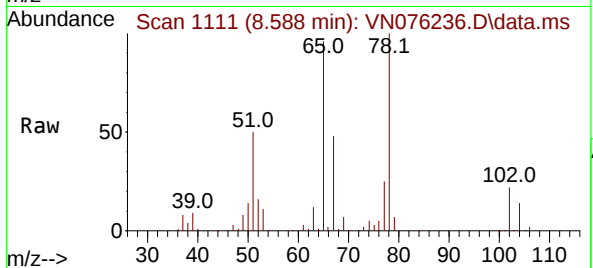
67 50.7 0.0 103.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076236.D

Acq: 13 Jan 2023 09:53

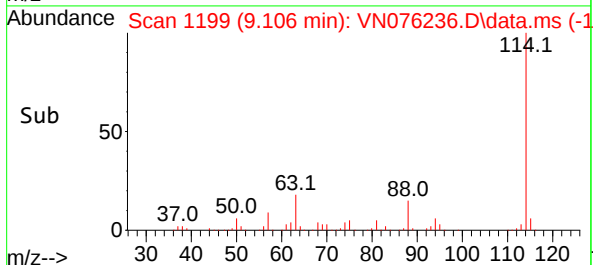
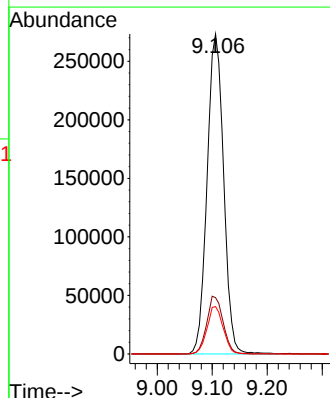
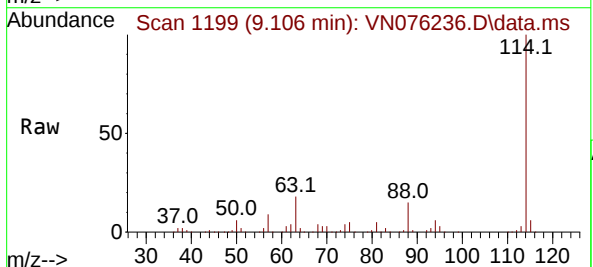
Tgt Ion:114 Resp: 570491

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.4

88 14.8 0.0 28.8





#35

Dibromofluoromethane

Concen: 47.464 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076236.D

Acq: 13 Jan 2023 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:113 Resp: 16768

Ion Ratio Lower Upper

113 100

111 102.6 83.4 125.2

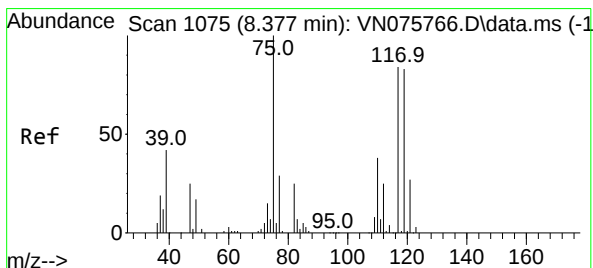
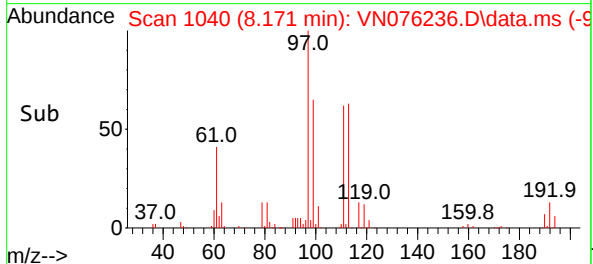
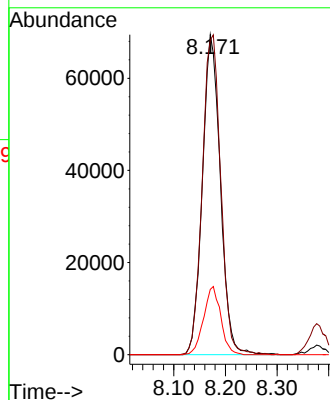
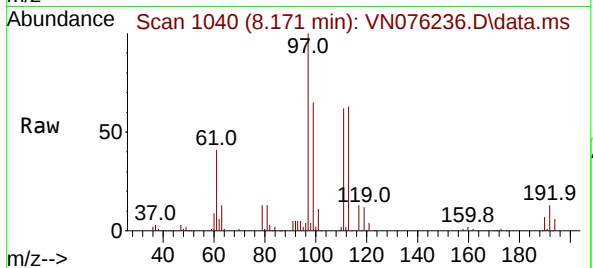
192 20.3 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#36

1,1-Dichloropropene

Concen: 48.097 ug/l

RT: 8.377 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN076236.D

Acq: 13 Jan 2023 09:53

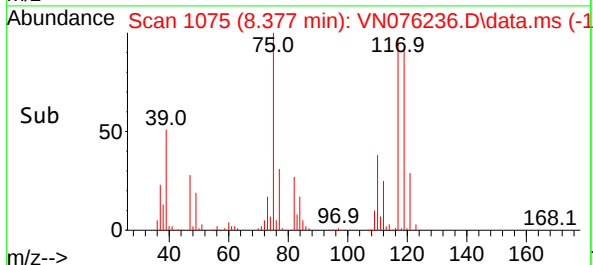
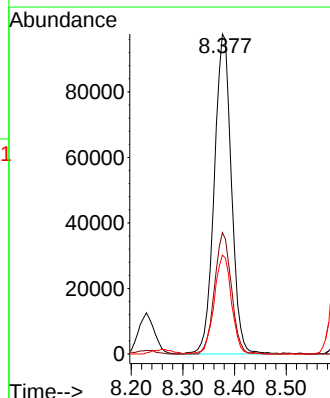
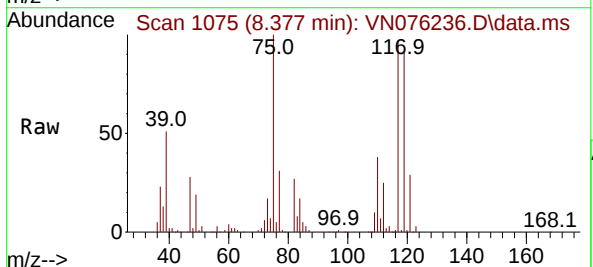
Tgt Ion: 75 Resp: 225730

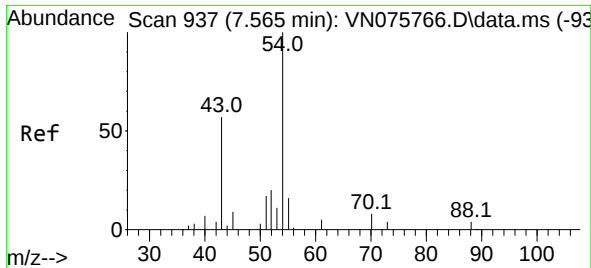
Ion Ratio Lower Upper

75 100

110 37.2 18.8 56.4

77 31.0 24.1 36.1





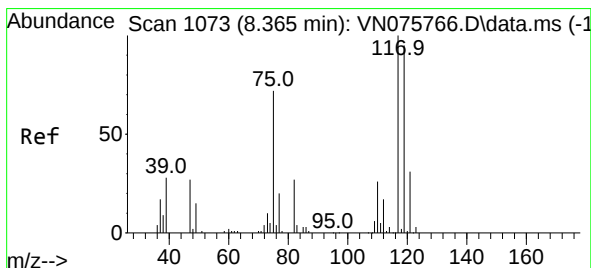
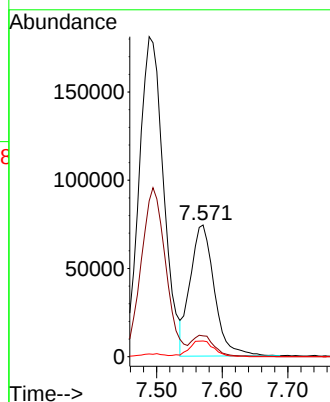
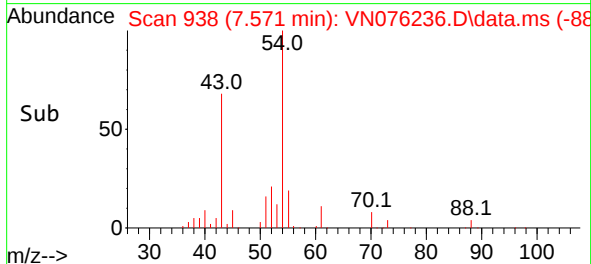
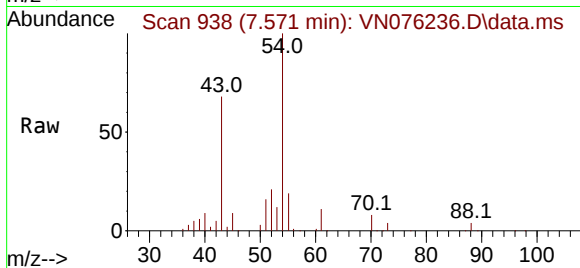
#37
Ethyl Acetate
Concen: 50.559 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 190598
Ion Ratio Lower Upper
43 100
61 14.2 13.0 19.4
70 12.2 9.4 14.0

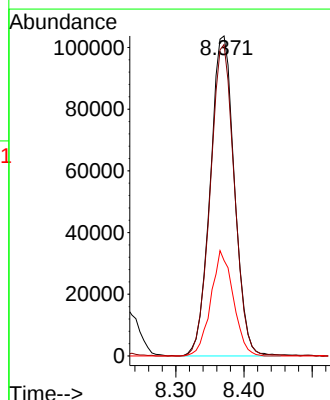
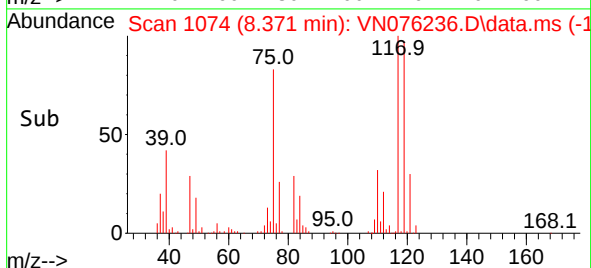
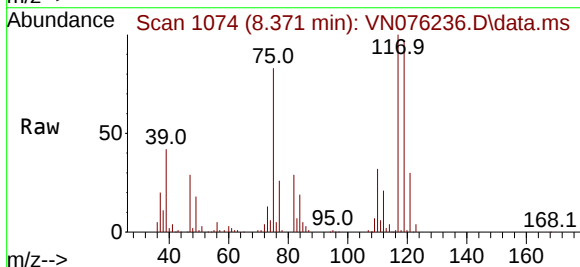
Manual Integrations
APPROVED

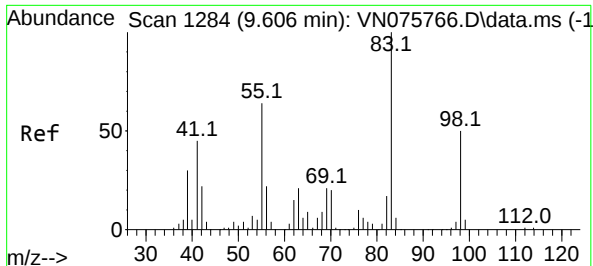
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#38
Carbon Tetrachloride
Concen: 48.678 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

Tgt Ion:117 Resp: 255695
Ion Ratio Lower Upper
117 100
119 97.3 76.1 114.1
121 29.8 24.5 36.7





#39

Methylcyclohexane

Concen: 50.521 ug/l

RT: 9.606 min Scan# 11284

Delta R.T. -0.000 min

Lab File: VN076236.D

Acq: 13 Jan 2023 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 286048

Ion Ratio Lower Upper

83 100

55 64.7 51.4 77.0

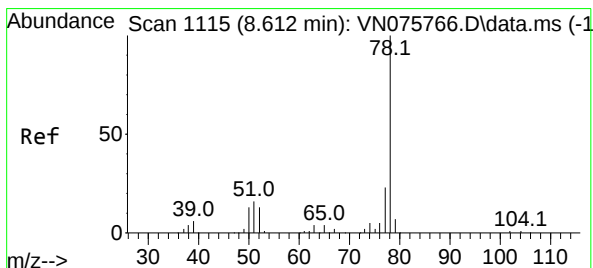
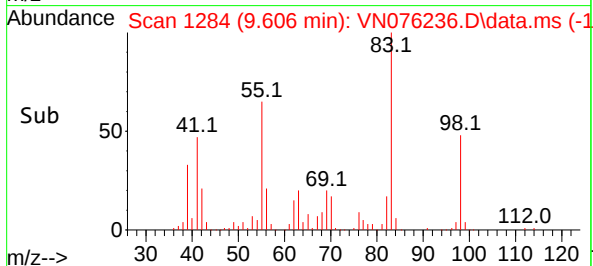
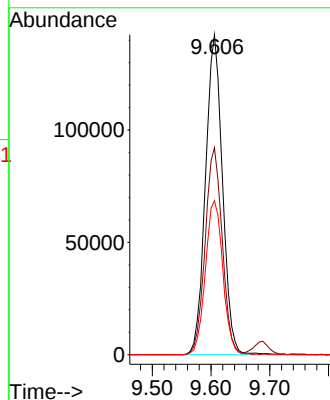
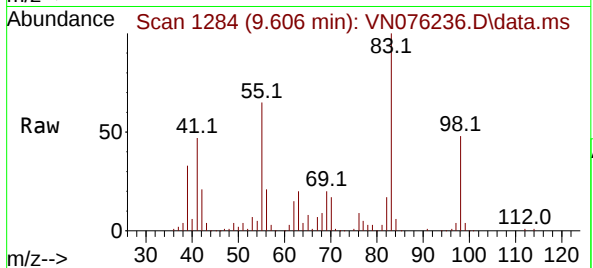
98 48.1 39.8 59.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#40

Benzene

Concen: 47.027 ug/l

RT: 8.612 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VN076236.D

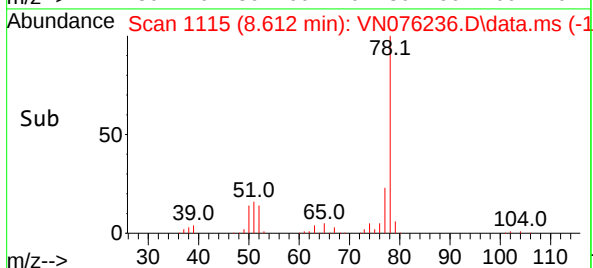
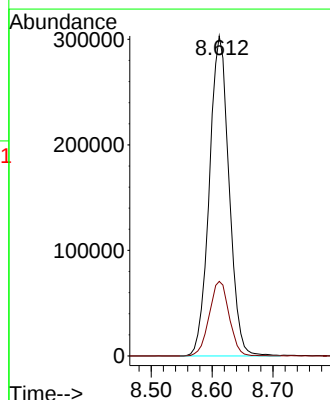
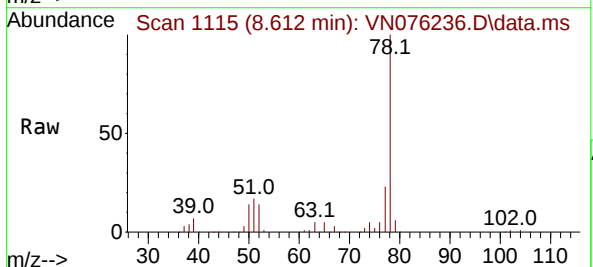
Acq: 13 Jan 2023 09:53

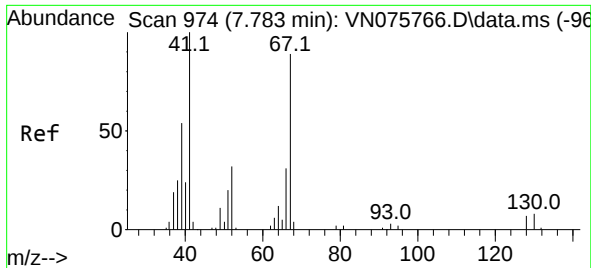
Tgt Ion: 78 Resp: 680957

Ion Ratio Lower Upper

78 100

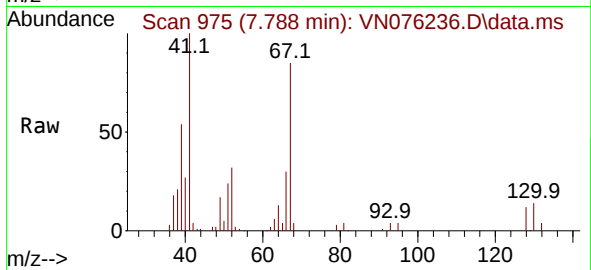
77 23.3 18.5 27.7





#41
Methacrylonitrile
Concen: 51.472 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

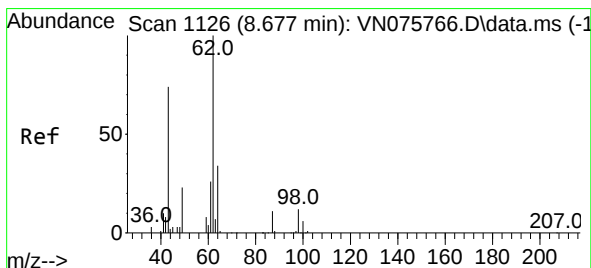
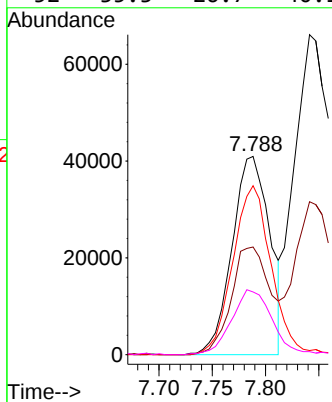
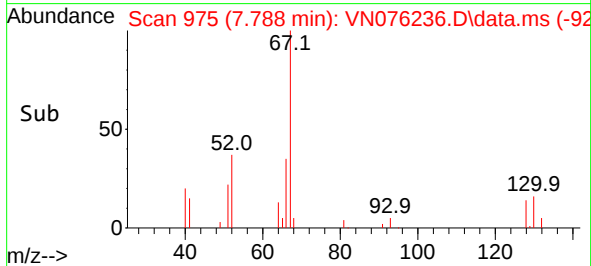
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 100860
Ion Ratio Lower Upper
41 100
39 55.4 43.1 64.7
67 87.4 70.7 106.1
52 35.3 26.7 40.1

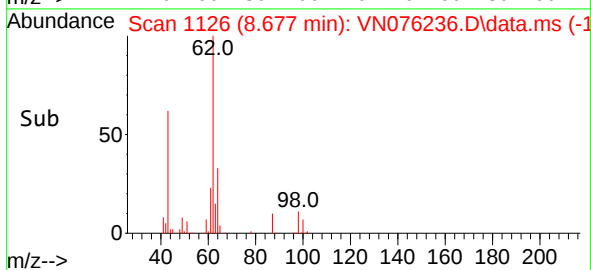
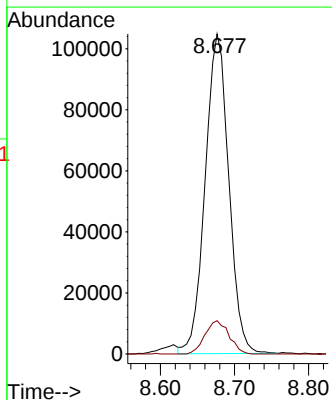
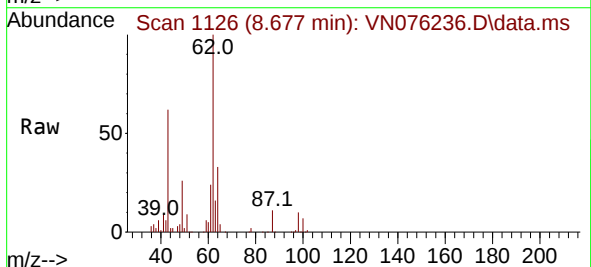
Manual Integrations
APPROVED

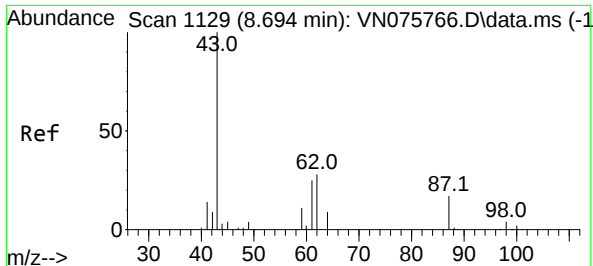
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#42
1,2-Dichloroethane
Concen: 48.137 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

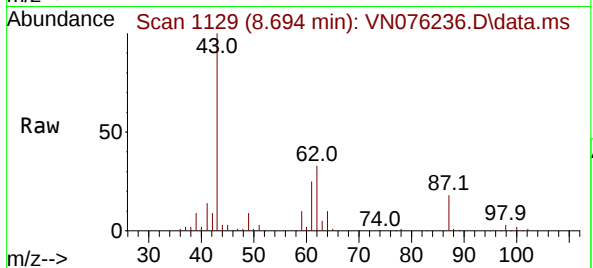
Tgt Ion: 62 Resp: 231734
Ion Ratio Lower Upper
62 100
98 10.5 0.0 20.8





#43
Isopropyl Acetate
Concen: 50.691 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

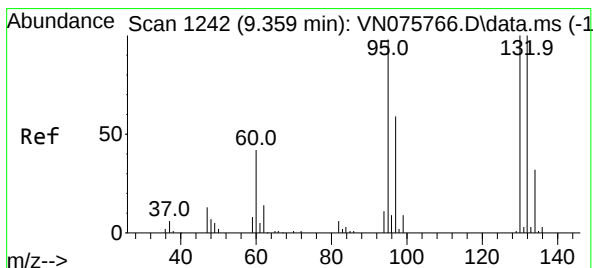
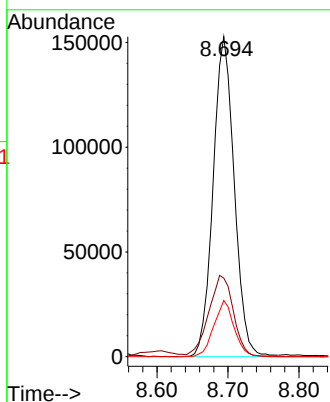
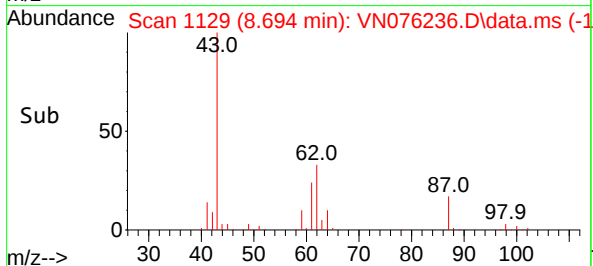
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



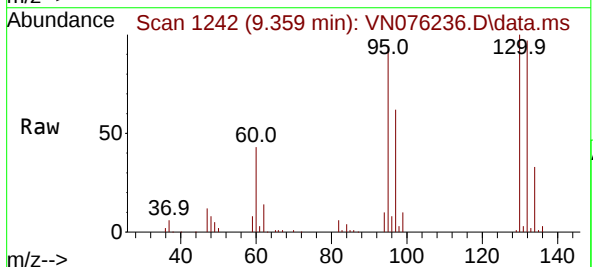
Tgt Ion: 43 Resp: 315224
Ion Ratio Lower Upper
43 100
61 29.7 24.2 36.4
87 16.8 13.3 19.9

Manual Integrations
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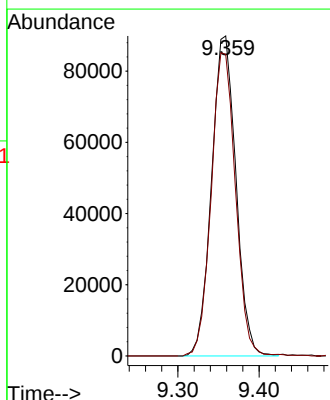
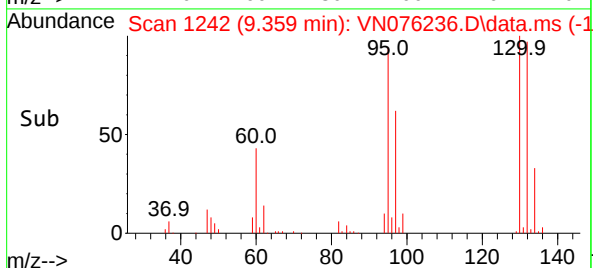
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

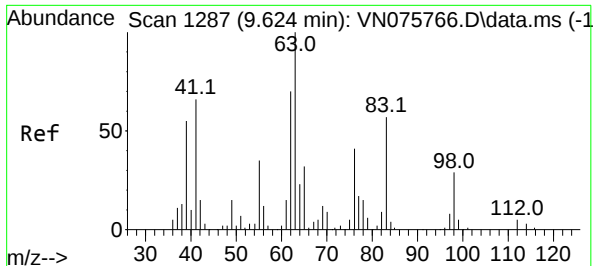


#44
Trichloroethene
Concen: 45.951 ug/l
RT: 9.359 min Scan# 1242
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53



Tgt Ion:130 Resp: 187451
Ion Ratio Lower Upper
130 100
95 94.3 0.0 195.4





#45

1,2-Dichloropropane

Concen: 47.220 ug/l

RT: 9.623 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076236.D

Acq: 13 Jan 2023 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 166389

Ion Ratio Lower Upper

63 100

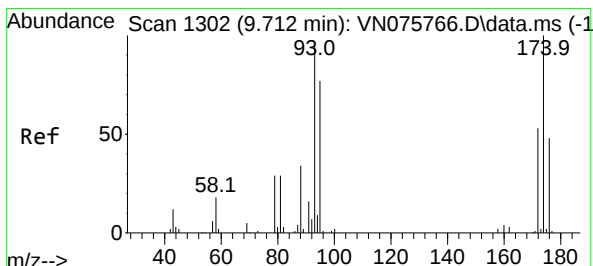
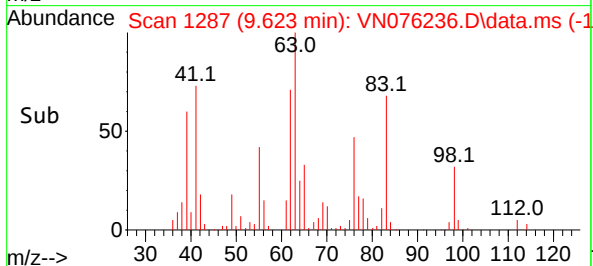
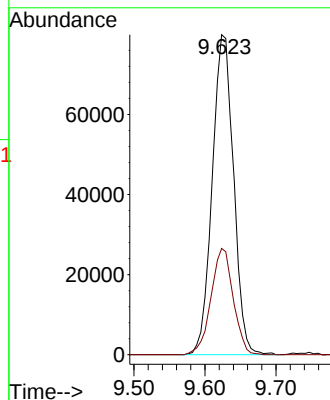
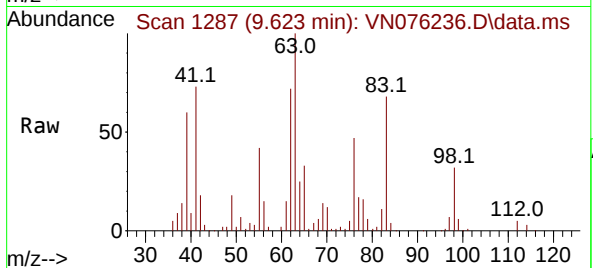
65 33.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#46

Dibromomethane

Concen: 47.342 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076236.D

Acq: 13 Jan 2023 09:53

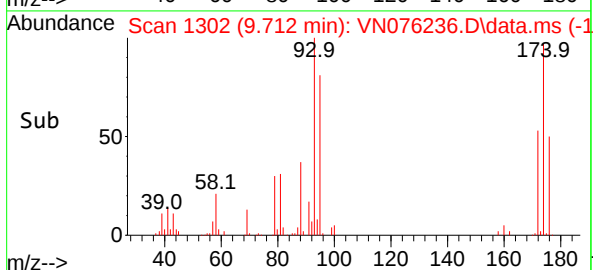
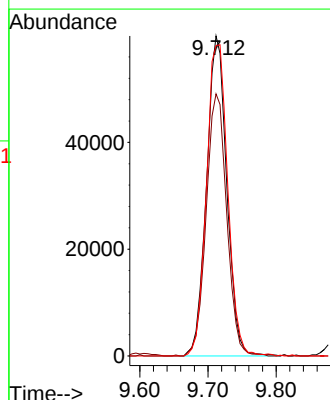
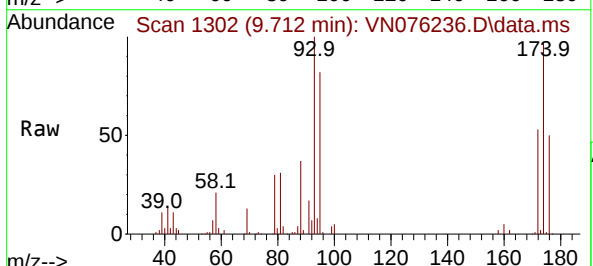
Tgt Ion: 93 Resp: 123728

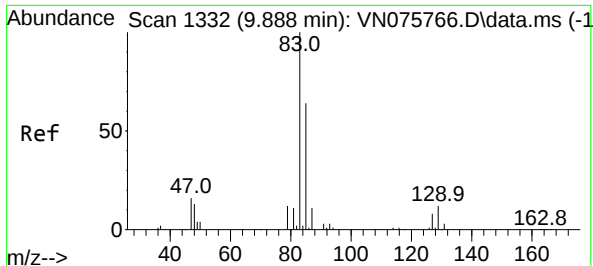
Ion Ratio Lower Upper

93 100

95 83.4 65.2 97.8

174 102.7 82.4 123.6





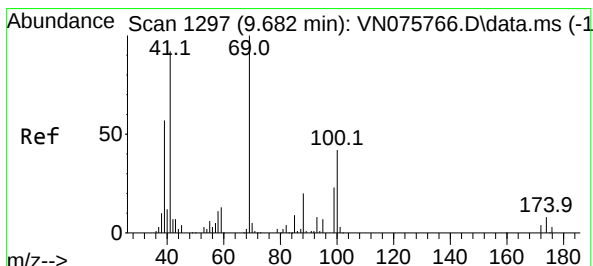
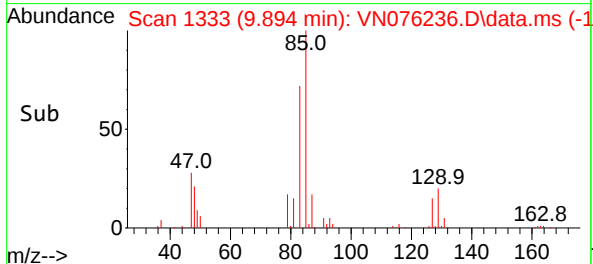
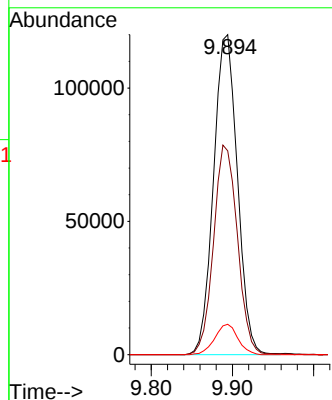
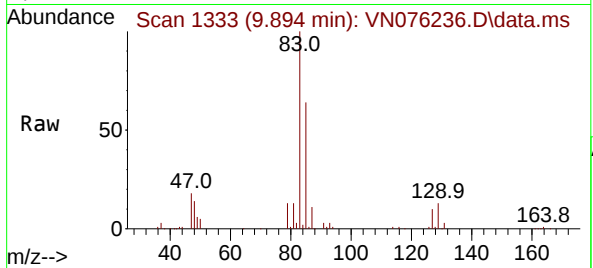
#47
Bromodichloromethane
Concen: 47.892 ug/l
RT: 9.894 min Scan# 1333
Delta R.T. 0.006 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 245456
Ion Ratio Lower Upper
83 100
85 63.7 51.5 77.3
127 9.5 6.6 10.0

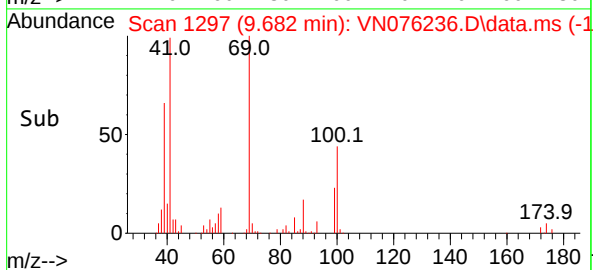
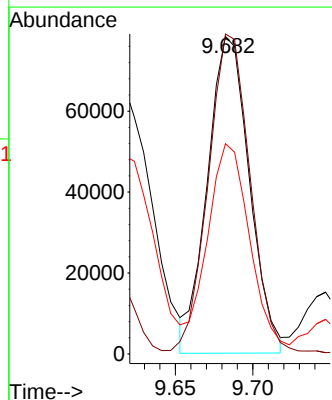
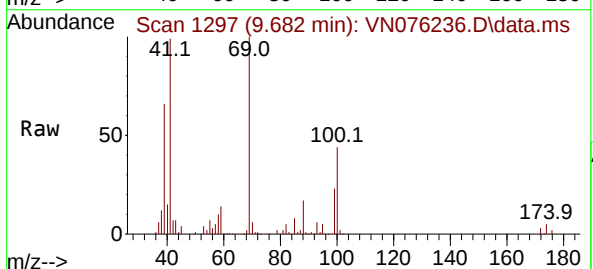
Manual Integrations
APPROVED

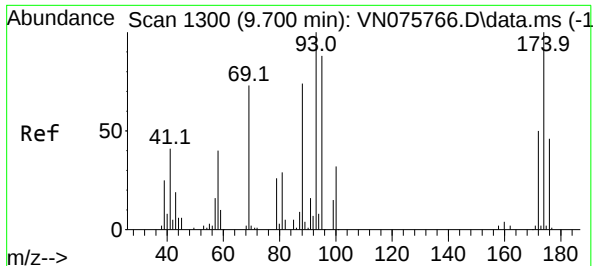
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#48
Methyl methacrylate
Concen: 52.552 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

Tgt Ion: 41 Resp: 147186
Ion Ratio Lower Upper
41 100
69 102.3 81.9 122.9
39 68.0 51.6 77.4





#49

1,4-Dioxane

Concen: 957.833 ug/l

RT: 9.700 min Scan# 1300

Delta R.T. -0.000 min

Lab File: VN076236.D

Acq: 13 Jan 2023 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 65952

Ion Ratio Lower Upper

88 100

43 0.0 17.1 25.7

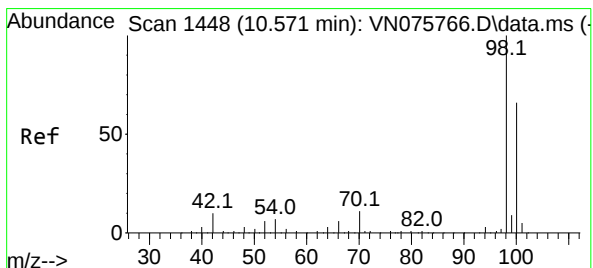
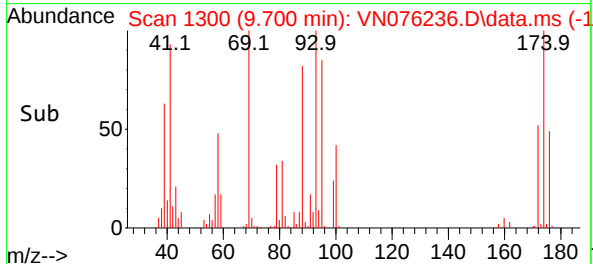
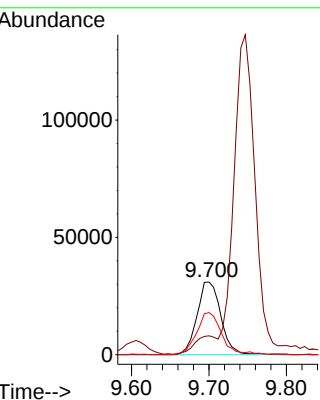
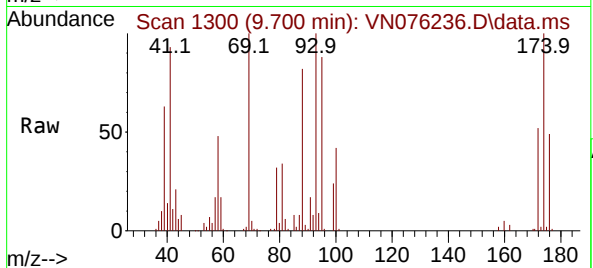
58 61.0 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#50

Toluene-d8

Concen: 45.751 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076236.D

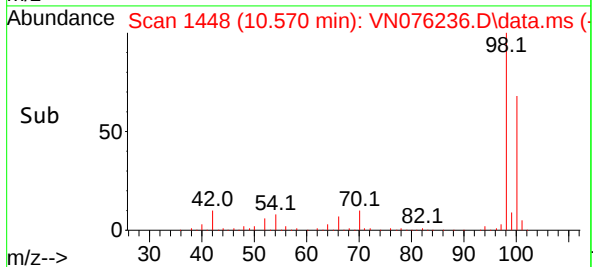
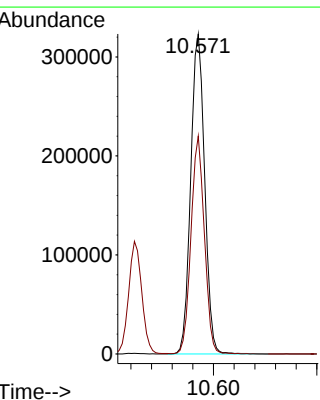
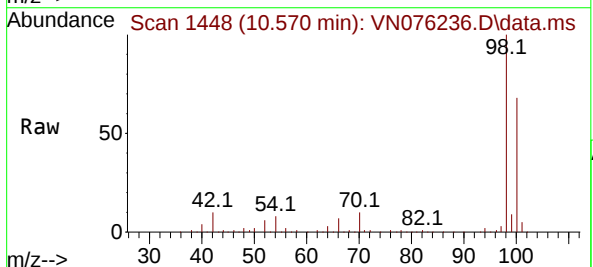
Acq: 13 Jan 2023 09:53

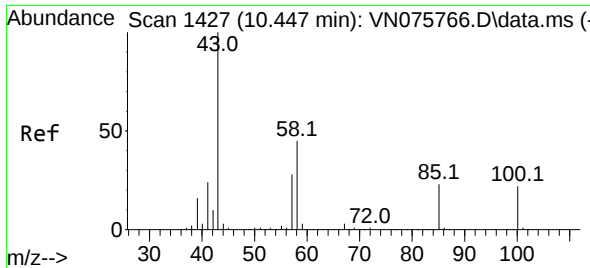
Tgt Ion: 98 Resp: 604348

Ion Ratio Lower Upper

98 100

100 65.5 52.1 78.1





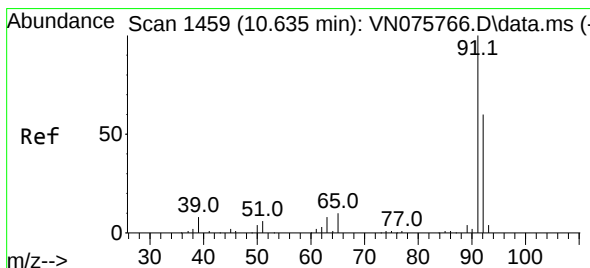
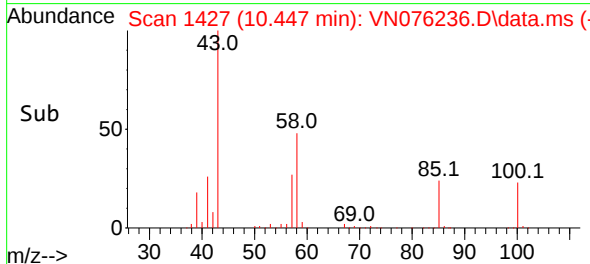
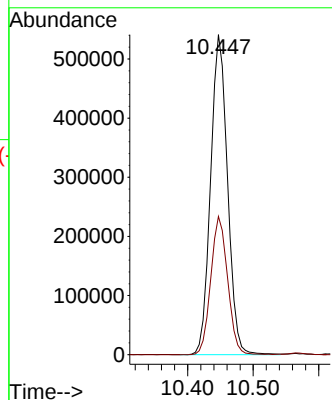
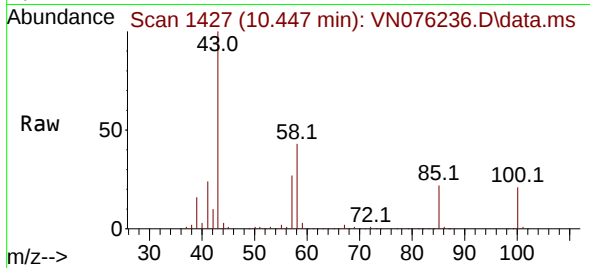
#51
4-Methyl-2-Pentanone
Concen: 257.799 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 969509
Ion Ratio Lower Upper
43 100
58 43.0 35.5 53.3

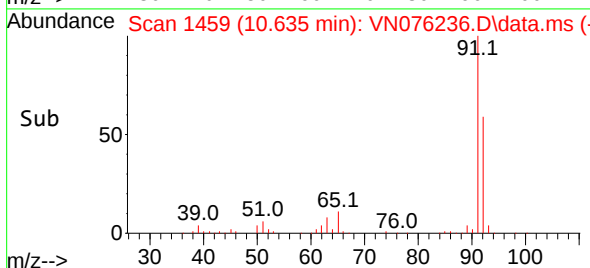
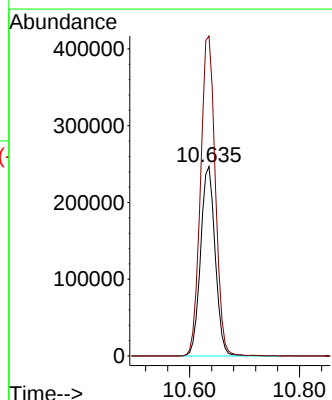
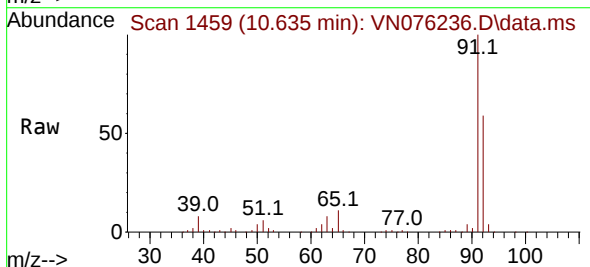
Manual Integrations
APPROVED

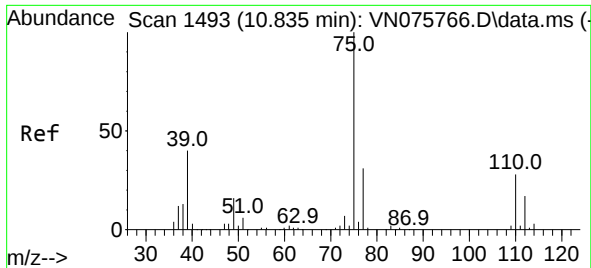
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#52
Toluene
Concen: 48.222 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

Tgt Ion: 92 Resp: 454765
Ion Ratio Lower Upper
92 100
91 171.2 137.3 205.9





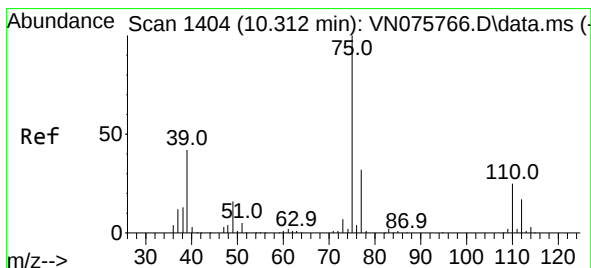
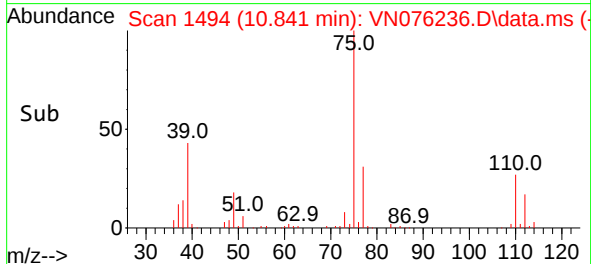
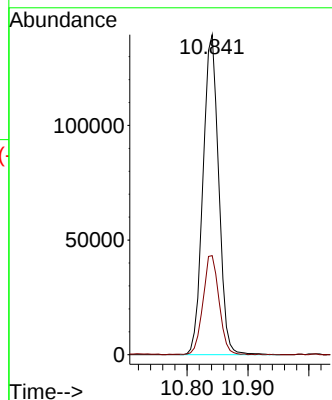
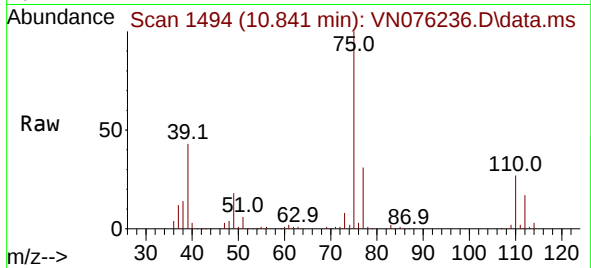
#53
t-1,3-Dichloropropene
Concen: 49.751 ug/l
RT: 10.841 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 249600
Ion Ratio Lower Upper
75 100
77 30.9 24.9 37.3

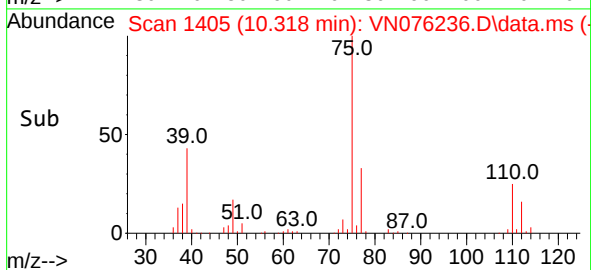
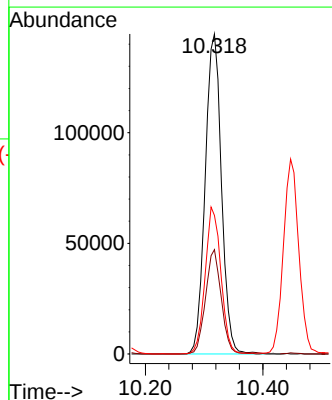
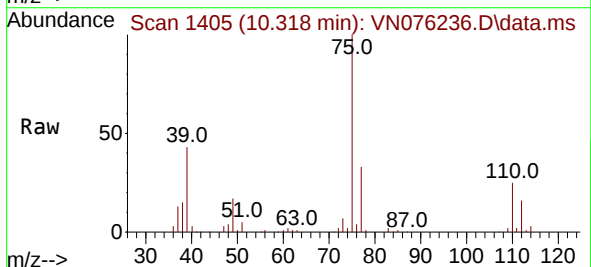
Manual Integrations
APPROVED

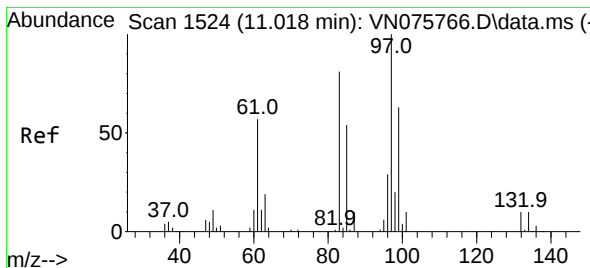
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#54
cis-1,3-Dichloropropene
Concen: 50.273 ug/l
RT: 10.318 min Scan# 1405
Delta R.T. 0.006 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

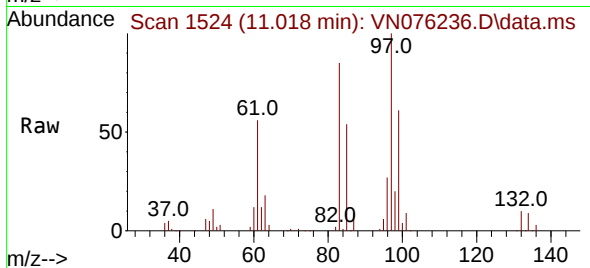
Tgt Ion: 75 Resp: 276921
Ion Ratio Lower Upper
75 100
77 32.6 25.8 38.8
39 43.3 33.4 50.2





#55
1,1,2-Trichloroethane
Concen: 48.780 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

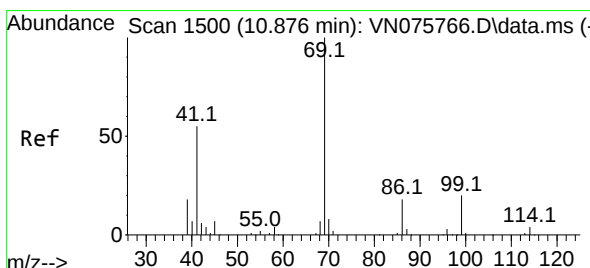
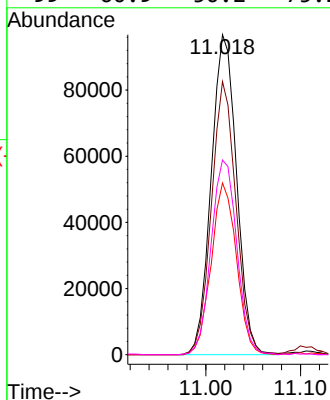
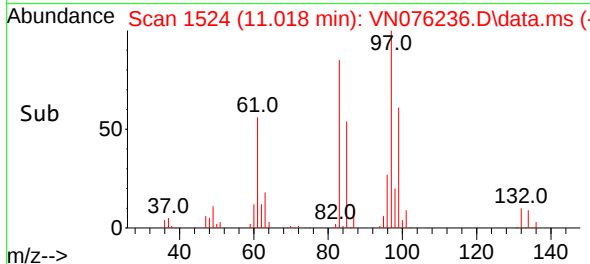
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



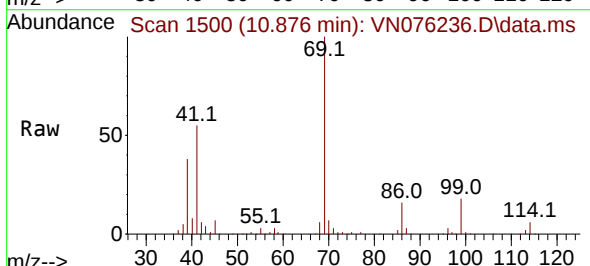
Tgt Ion: 97 Resp: 18056
Ion Ratio Lower Upper
97 100
83 85.4 65.0 97.4
85 53.6 43.0 64.6
99 60.9 50.2 75.2

Manual Integrations
APPROVED

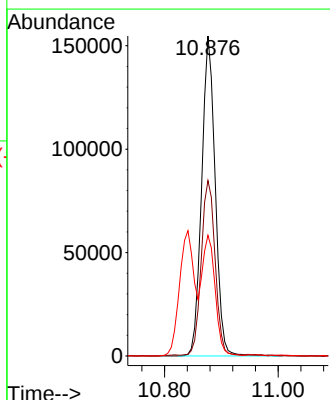
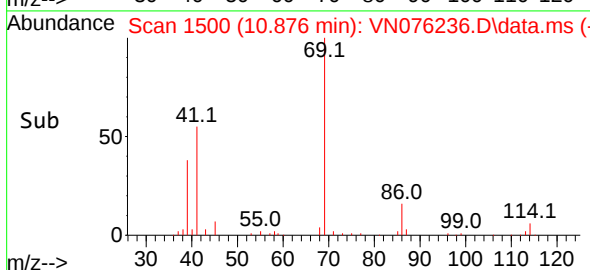
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

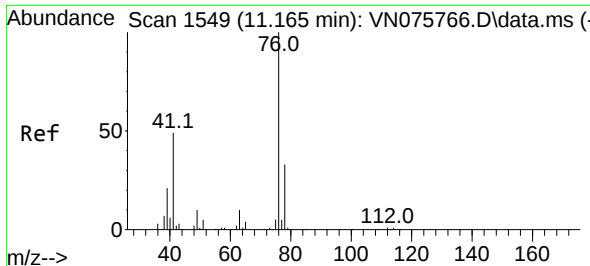


#56
Ethyl methacrylate
Concen: 51.935 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53



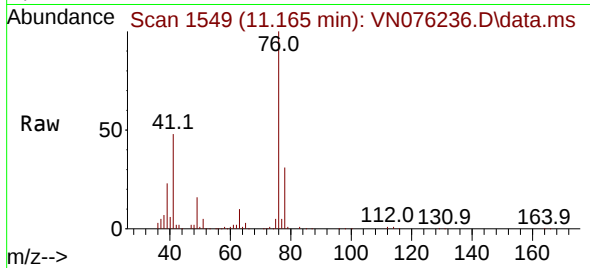
Tgt Ion: 69 Resp: 255346
Ion Ratio Lower Upper
69 100
41 55.6 44.2 66.4
39 36.1 26.4 39.6





#57
1,3-Dichloropropane
Concen: 49.072 ug/l
RT: 11.165 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

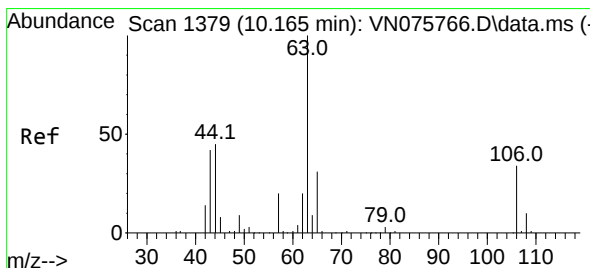
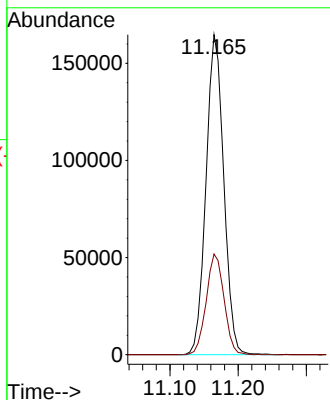
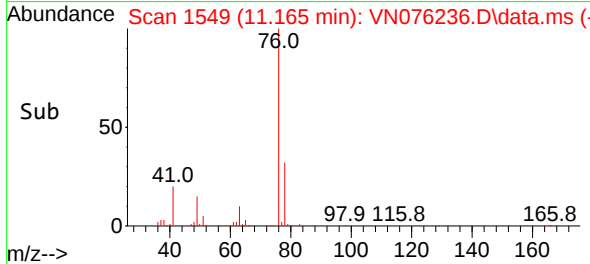
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



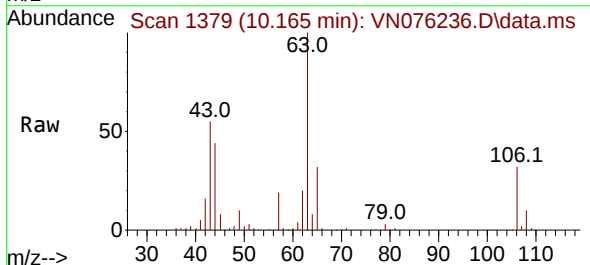
Tgt Ion: 76 Resp: 29794
Ion Ratio Lower Upper
76 100
78 31.6 26.2 39.2

Manual Integrations
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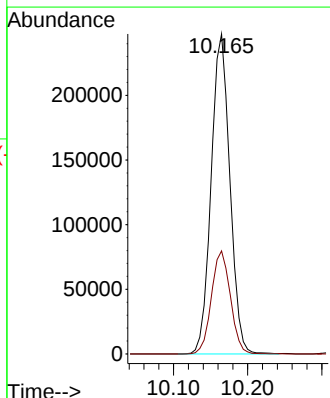
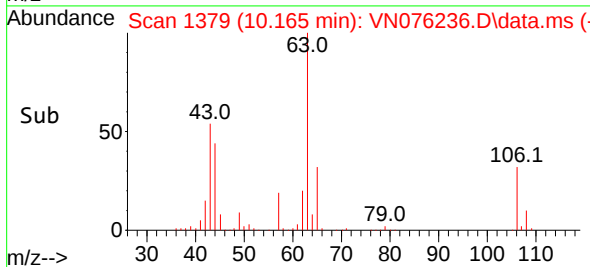
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

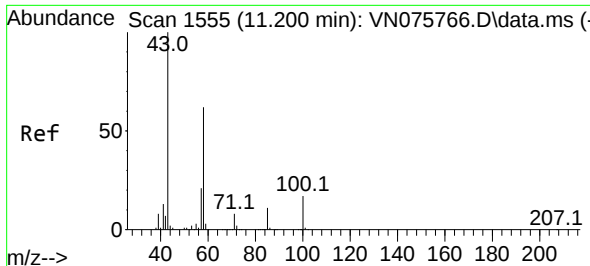


#58
2-Chloroethyl Vinyl ether
Concen: 277.049 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53



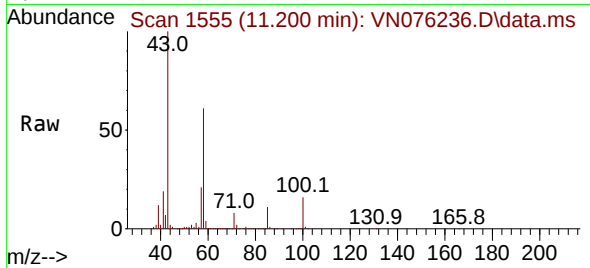
Tgt Ion: 63 Resp: 433684
Ion Ratio Lower Upper
63 100
106 32.7 26.4 39.6





#59
2-Hexanone
Concen: 257.164 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

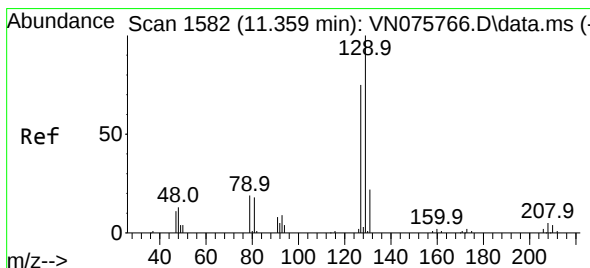
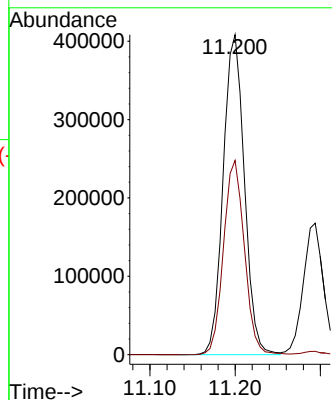
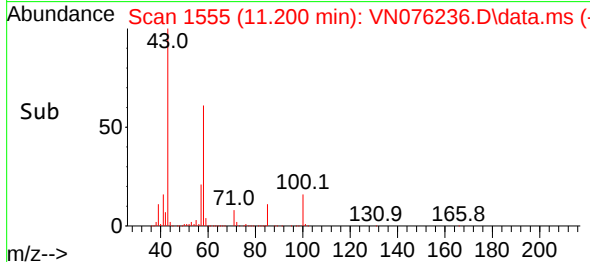
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 70529
Ion Ratio Lower Upper
43 100
58 59.8 30.6 92.0

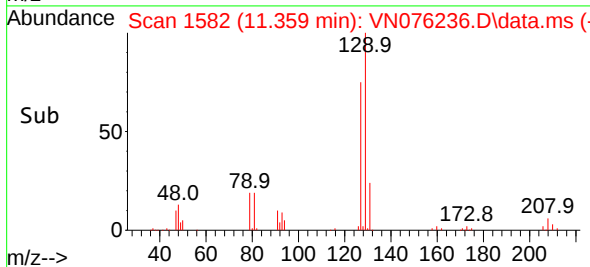
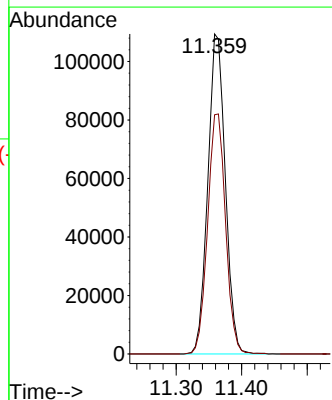
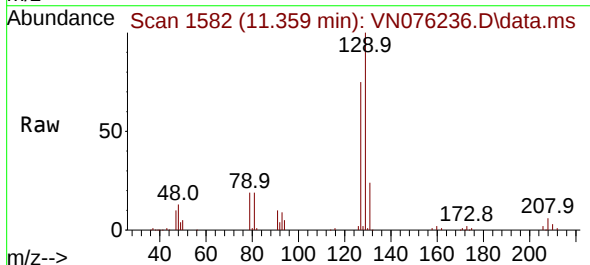
Manual Integrations
APPROVED

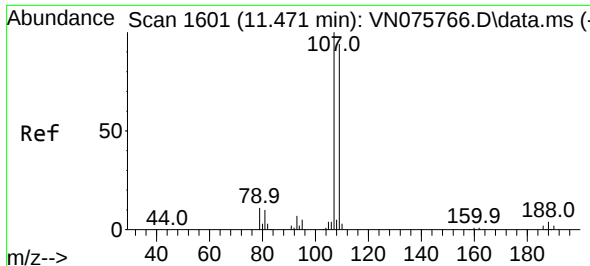
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#60
Dibromochloromethane
Concen: 49.322 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

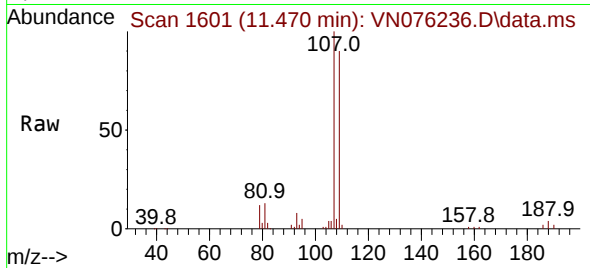
Tgt Ion:129 Resp: 203031
Ion Ratio Lower Upper
129 100
127 76.9 38.3 114.9





#61
1,2-Dibromoethane
Concen: 48.131 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

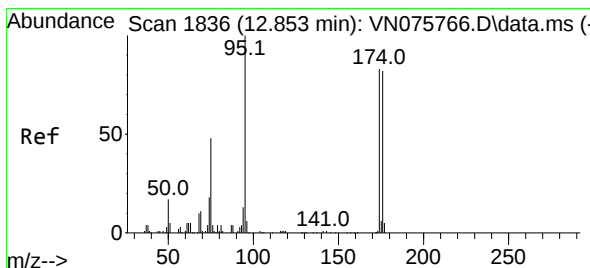
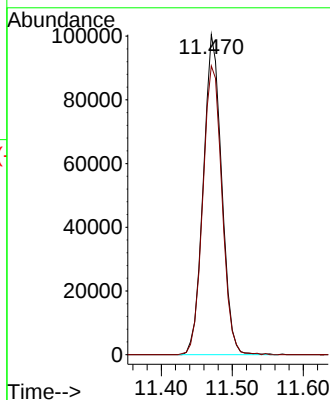
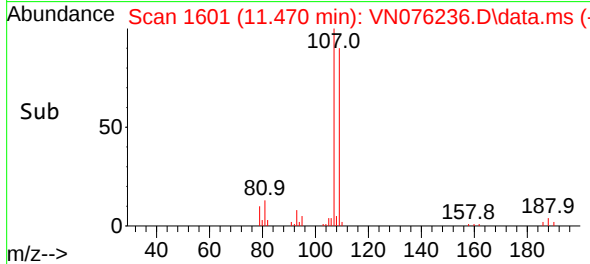
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



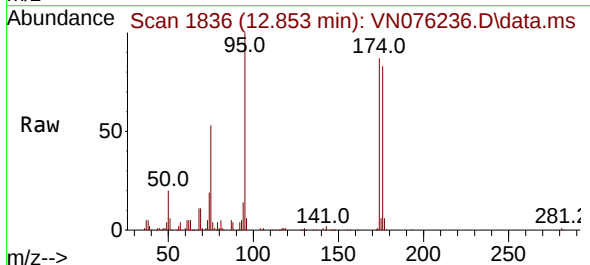
Tgt Ion:107 Resp: 180290
Ion Ratio Lower Upper
107 100
109 94.2 74.8 112.2

Manual Integrations
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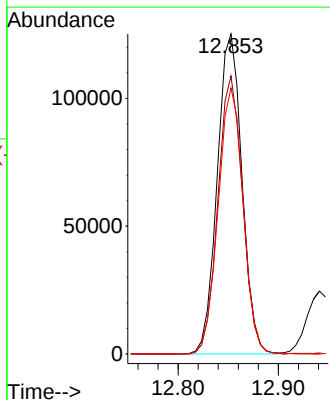
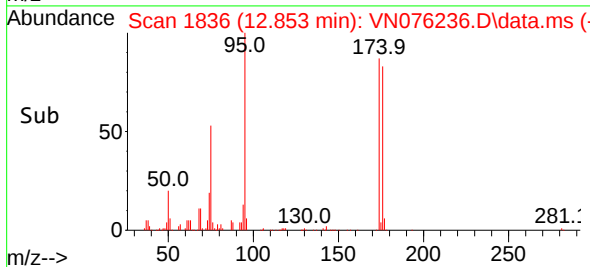
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

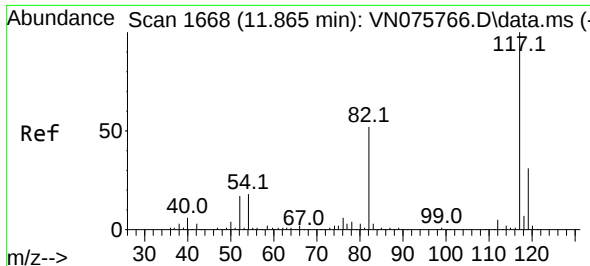


#62
4-Bromofluorobenzene
Concen: 48.992 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53



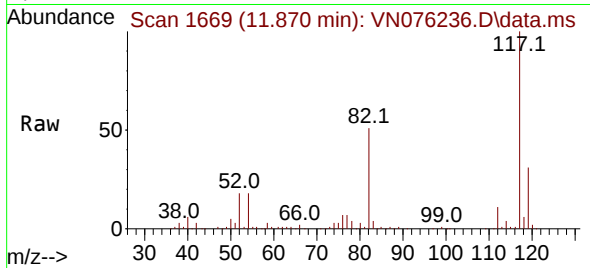
Tgt Ion: 95 Resp: 214345
Ion Ratio Lower Upper
95 100
174 86.4 0.0 171.6
176 84.0 0.0 169.2





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

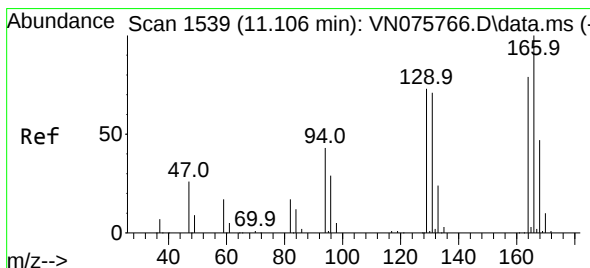
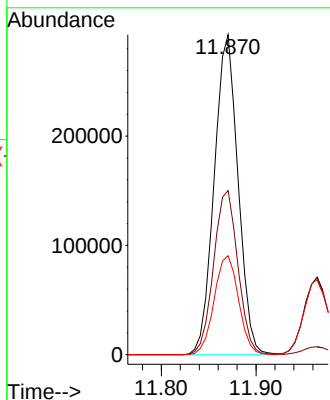
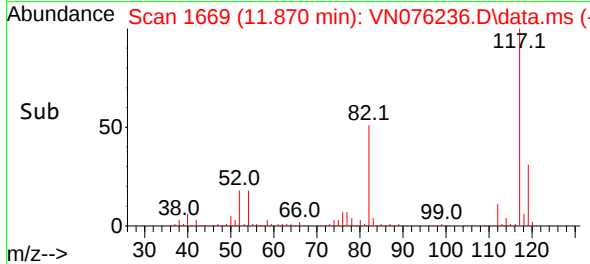
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 51217
Ion Ratio Lower Upper
117 100
82 51.3 41.3 61.9
119 31.0 24.6 37.0

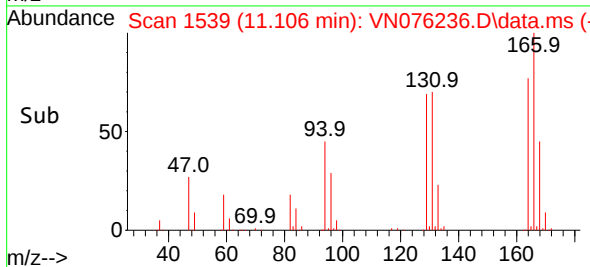
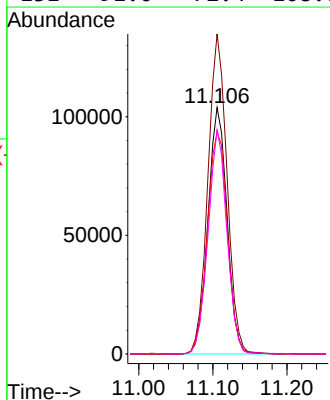
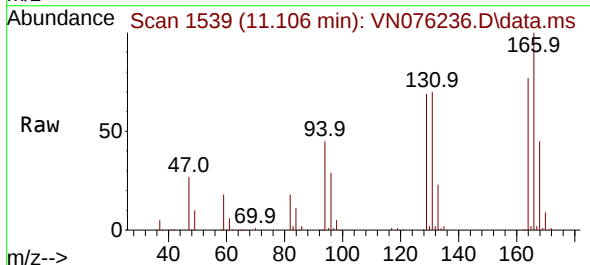
Manual Integrations
APPROVED

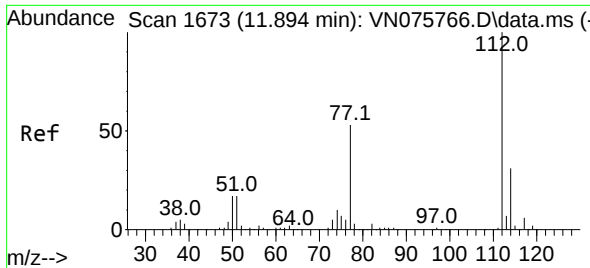
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#64
Tetrachloroethene
Concen: 51.745 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

Tgt Ion:164 Resp: 186494
Ion Ratio Lower Upper
164 100
166 129.9 101.9 152.9
129 90.1 74.2 111.2
131 91.0 72.4 108.6





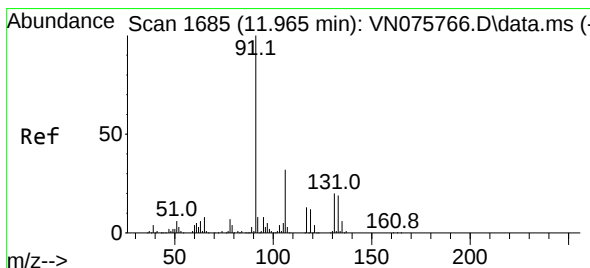
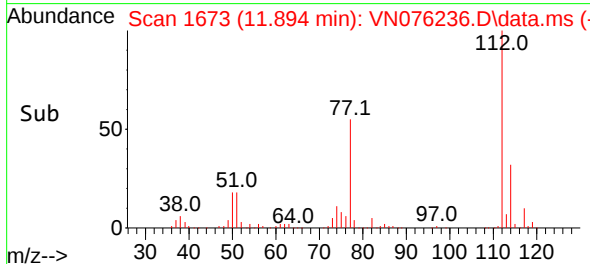
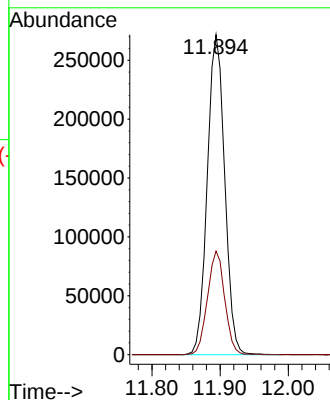
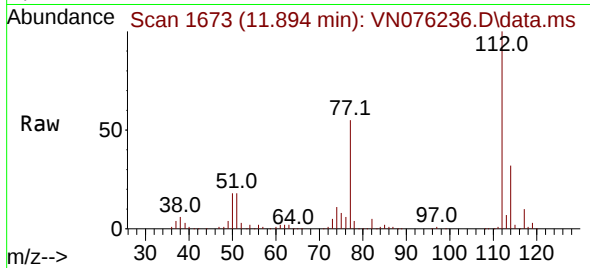
#65
Chlorobenzene
Concen: 45.935 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 48288
Ion Ratio Lower Upper
112 100
114 32.4 24.7 37.1

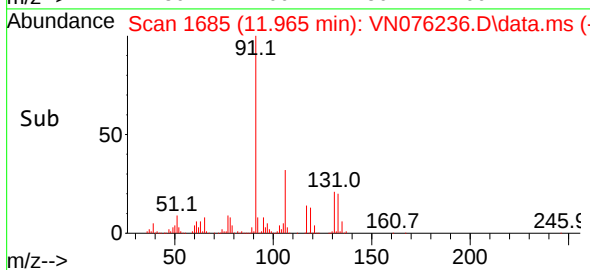
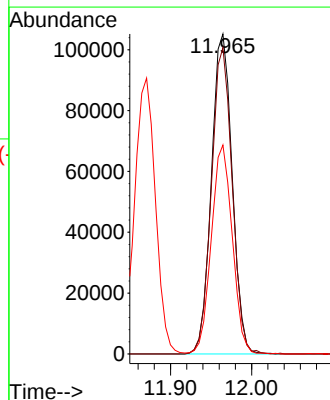
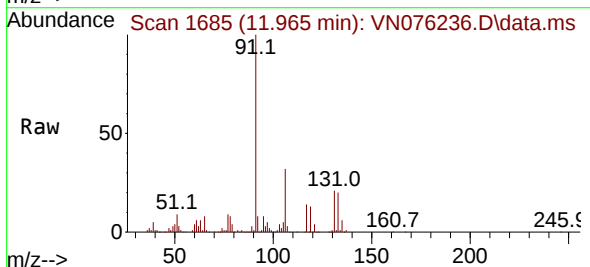
Manual Integrations
APPROVED

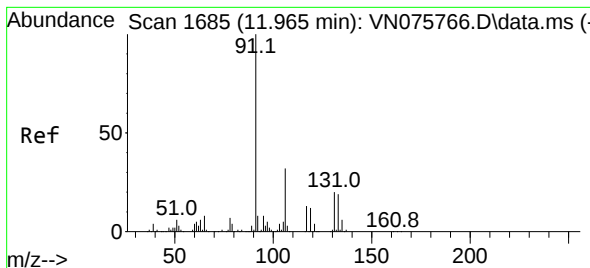
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#66
1,1,1,2-Tetrachloroethane
Concen: 47.939 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

Tgt Ion:131 Resp: 186663
Ion Ratio Lower Upper
131 100
133 95.7 47.5 142.5
119 66.1 31.9 95.7





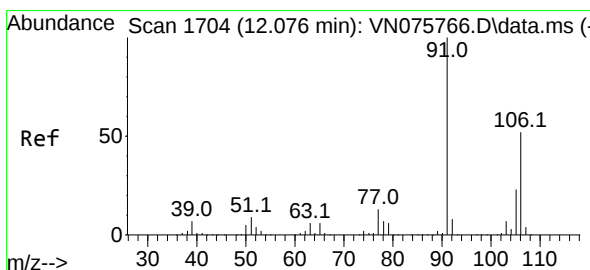
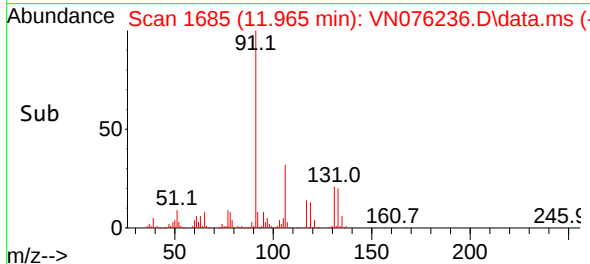
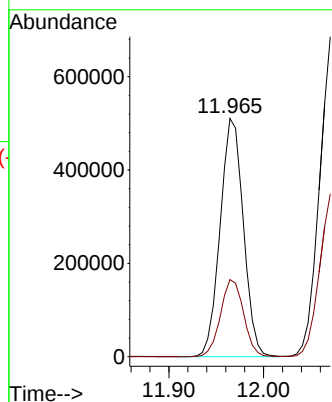
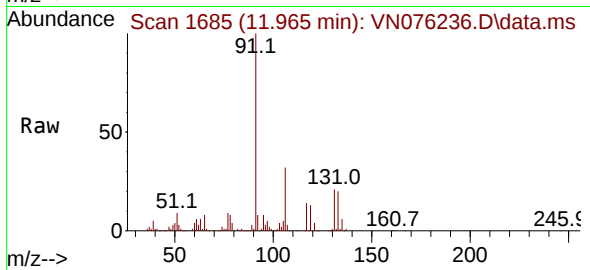
#67
Ethyl Benzene
Concen: 49.097 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 871079
Ion Ratio Lower Upper
91 100
106 32.4 25.7 38.5

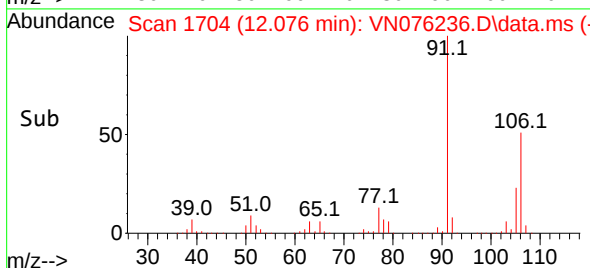
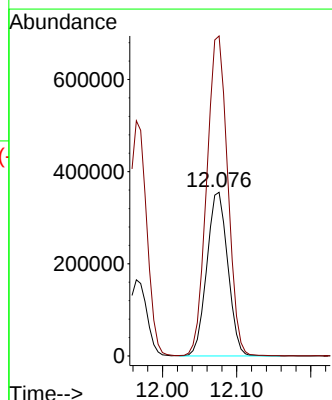
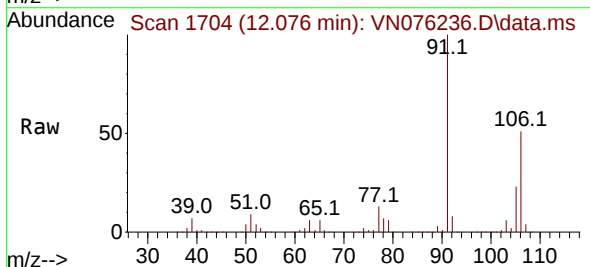
Manual Integrations
APPROVED

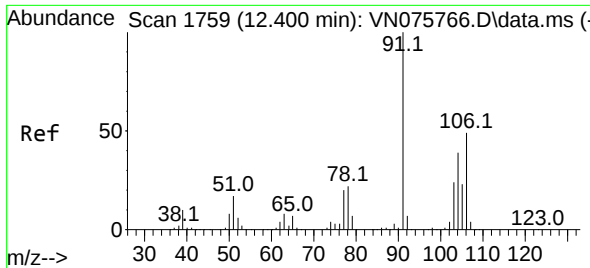
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#68
m/p-Xylenes
Concen: 99.427 ug/l
RT: 12.076 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

Tgt Ion:106 Resp: 698211
Ion Ratio Lower Upper
106 100
91 195.4 156.6 235.0





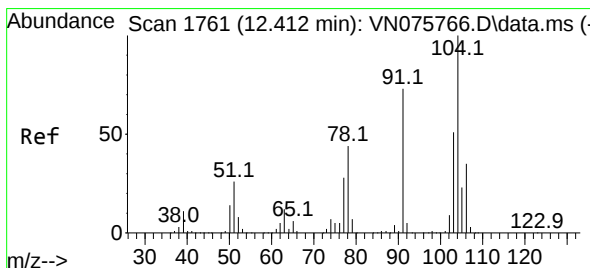
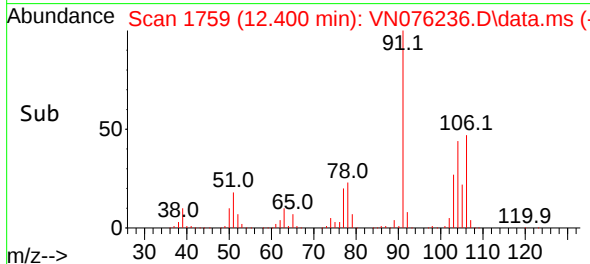
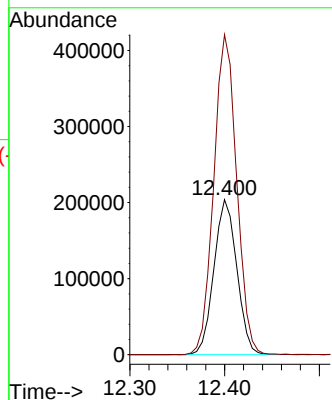
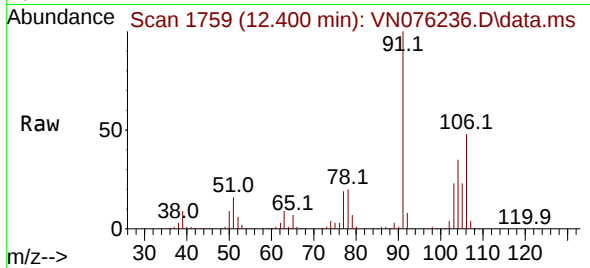
#69
o-Xylene
Concen: 49.253 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 342275
Ion Ratio Lower Upper
106 100
91 206.7 103.8 311.6

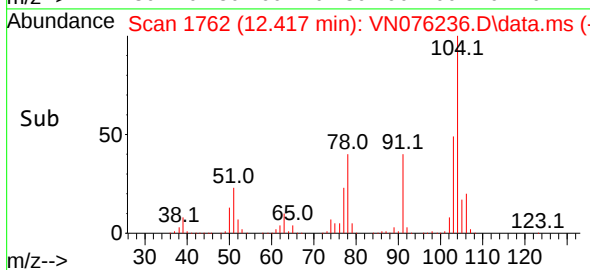
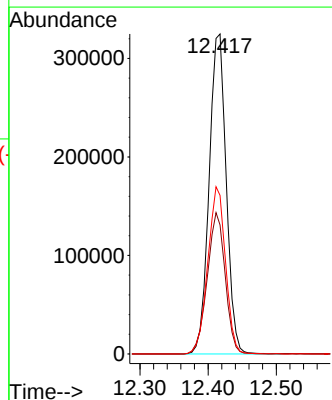
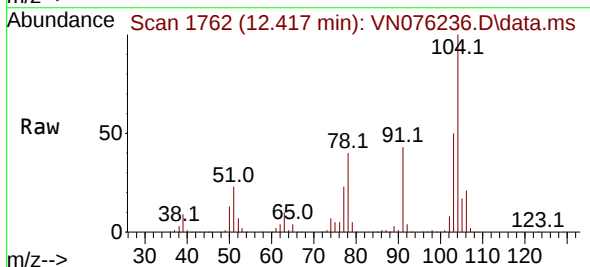
Manual Integrations
APPROVED

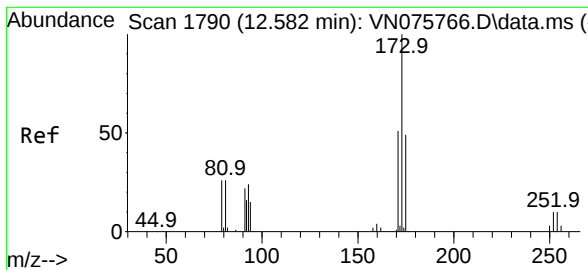
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#70
Styrene
Concen: 51.295 ug/l
RT: 12.417 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

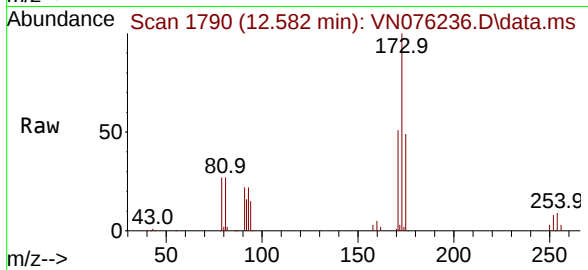
Tgt Ion:104 Resp: 566778
Ion Ratio Lower Upper
104 100
78 46.3 37.5 56.3
103 54.2 43.5 65.3





#71
Bromoform
Concen: 51.620 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

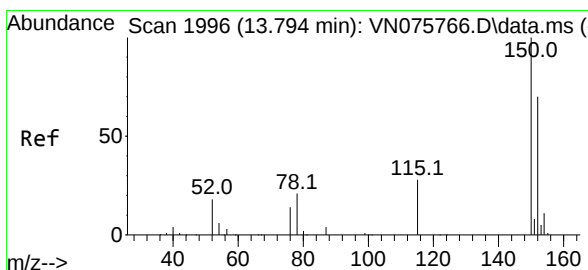
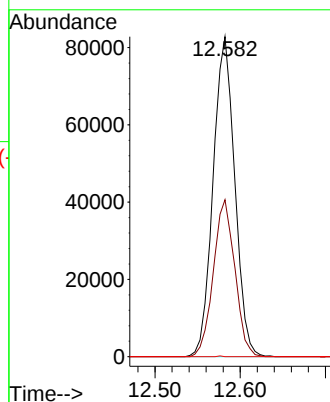
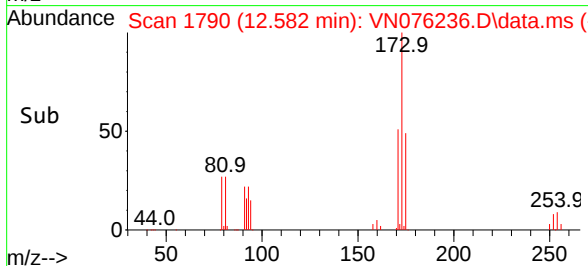
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



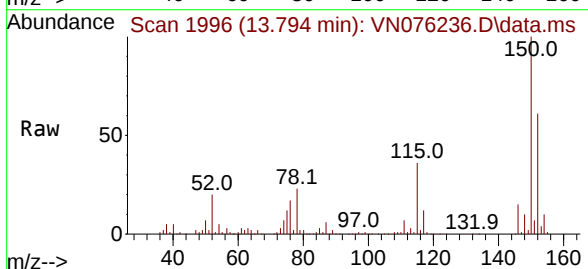
Tgt Ion:173 Resp: 146250
Ion Ratio Lower Upper
173 100
175 48.7 24.3 72.8
254 0.1 0.0 0.0

Manual Integrations
APPROVED

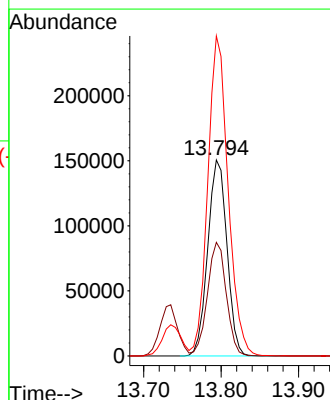
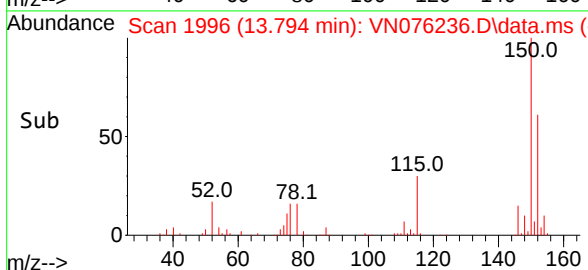
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

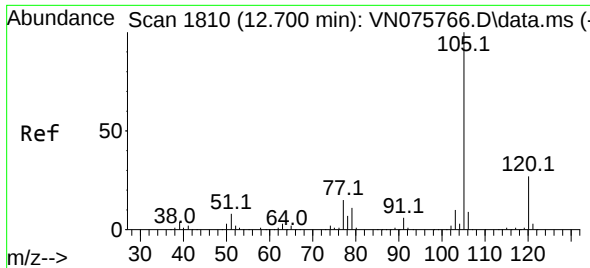


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53



Tgt Ion:152 Resp: 259564
Ion Ratio Lower Upper
152 100
115 56.9 29.1 87.4
150 172.3 0.0 347.0





#73
Isopropylbenzene
Concen: 47.682 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

Instrument :

MSVOA_N

ClientSampleId :

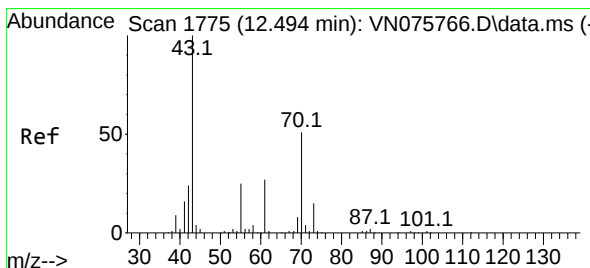
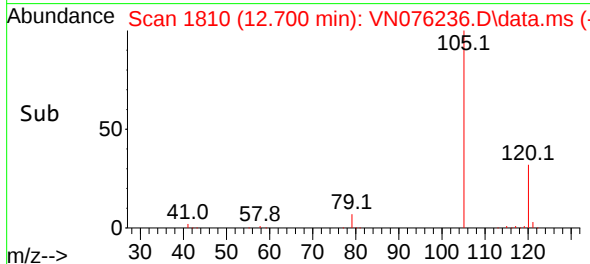
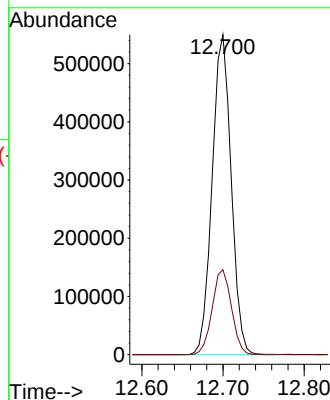
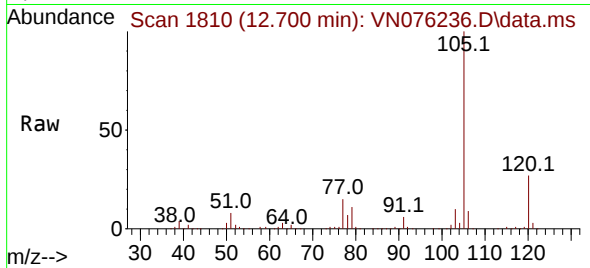
VSTDCCC050

Tgt Ion:105 Resp: 894374
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.2

Manual Integrations

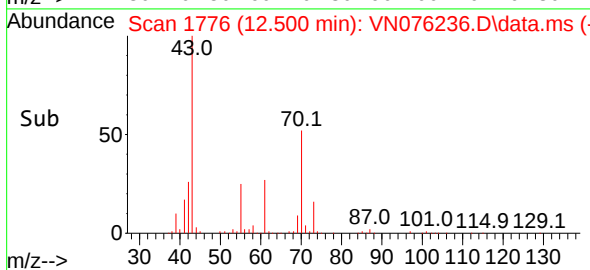
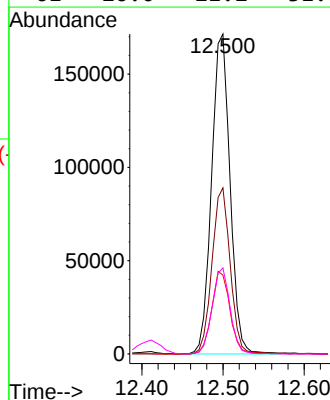
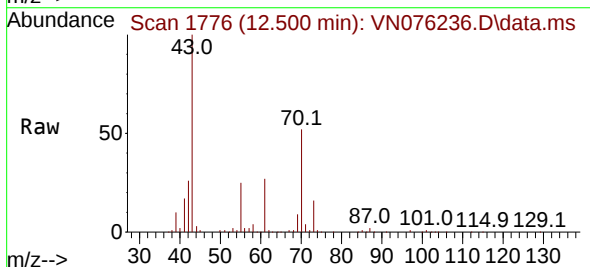
APPROVED

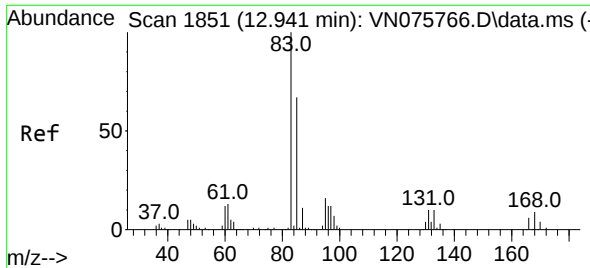
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#74
N-ethyl acetate
Concen: 49.206 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

Tgt Ion: 43 Resp: 270767
Ion Ratio Lower Upper
43 100
70 51.2 41.4 62.0
55 25.6 21.3 31.9
61 26.0 21.2 31.8





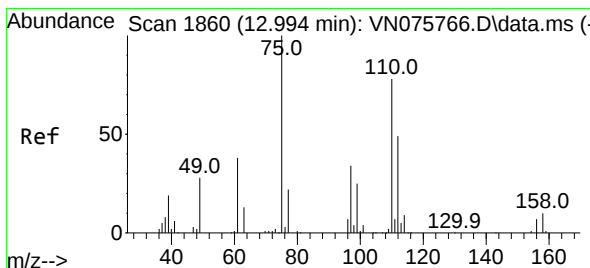
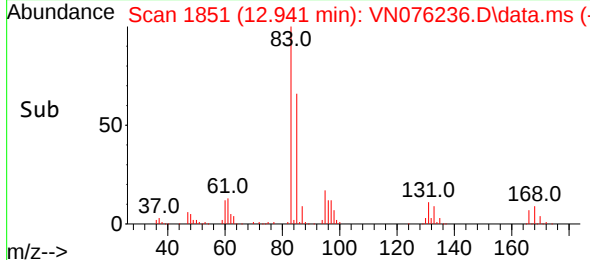
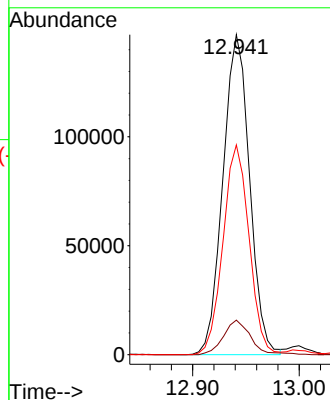
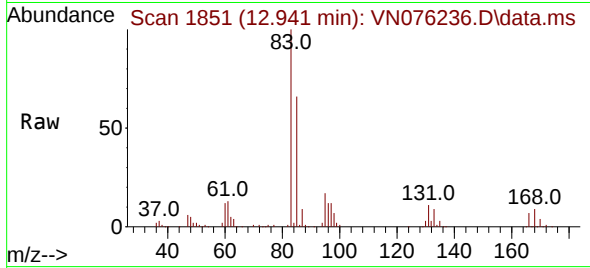
#75
1,1,2,2-Tetrachloroethane
Concen: 44.098 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 255700
Ion Ratio Lower Upper
83 100
131 11.0 5.6 16.8
85 63.9 32.6 98.0

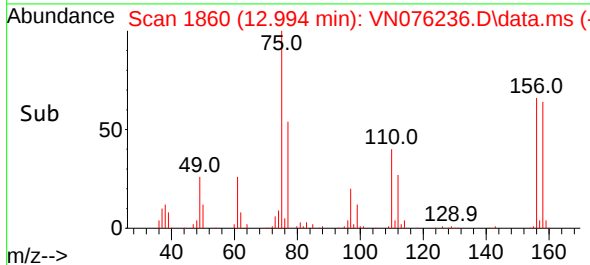
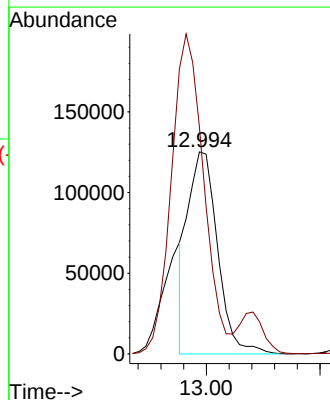
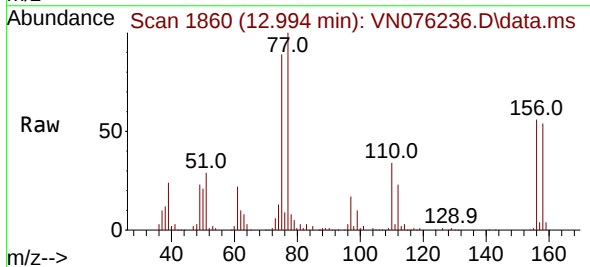
Manual Integrations
APPROVED

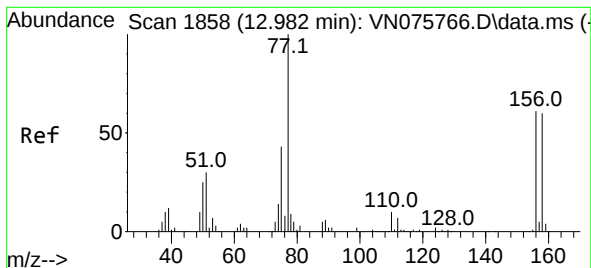
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#76
1,2,3-Trichloropropane
Concen: 43.580 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

Tgt Ion: 75 Resp: 228018
Ion Ratio Lower Upper
75 100
77 172.9 82.6 247.8





#77

Bromobenzene

Concen: 45.138 ug/l

RT: 12.982 min Scan# 1858

Delta R.T. -0.000 min

Lab File: VN076236.D

Acq: 13 Jan 2023 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

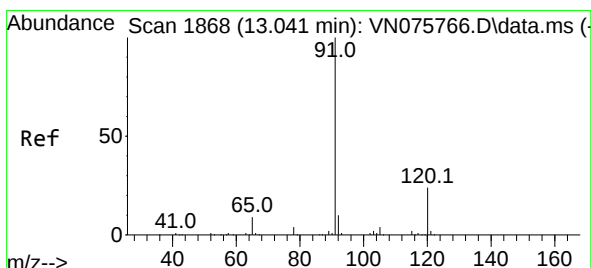
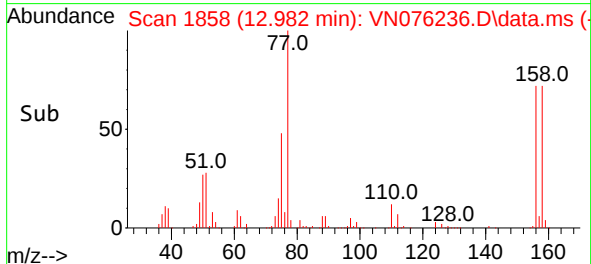
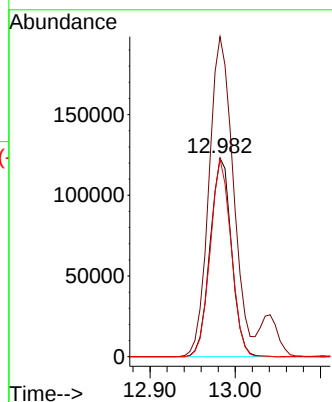
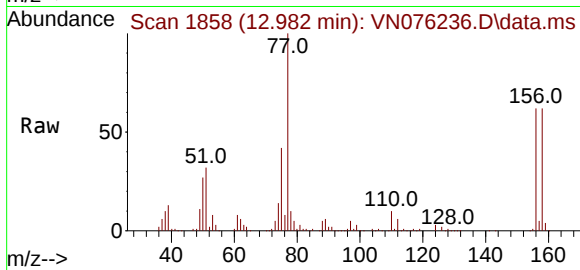
Tgt Ion:156 Resp: 214269
 Ion Ratio Lower Upper
 156 100
 77 184.0 93.8 281.3
 158 97.1 48.9 146.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#78

n-propylbenzene

Concen: 49.637 ug/l

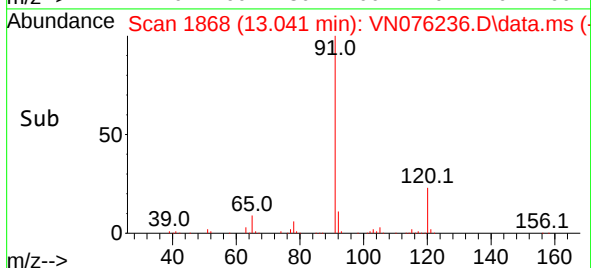
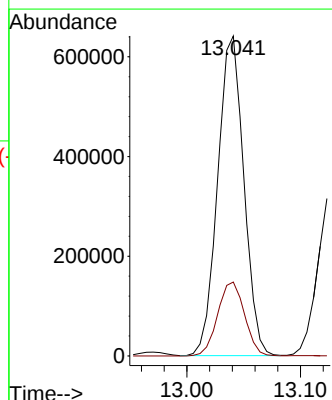
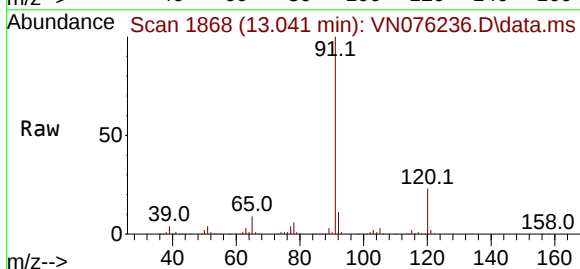
RT: 13.041 min Scan# 1868

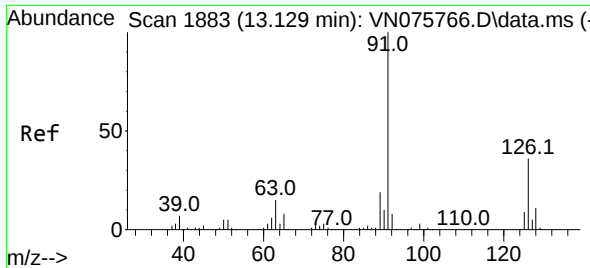
Delta R.T. -0.000 min

Lab File: VN076236.D

Acq: 13 Jan 2023 09:53

Tgt Ion: 91 Resp: 1026889
 Ion Ratio Lower Upper
 91 100
 120 23.7 12.0 36.1





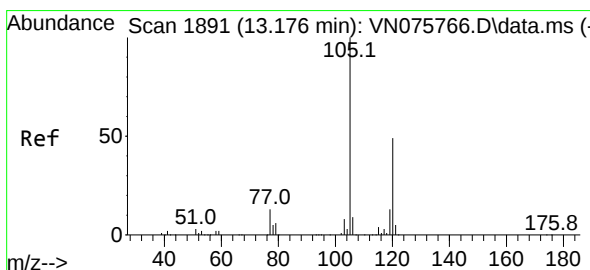
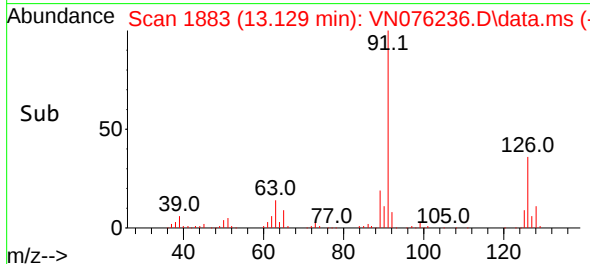
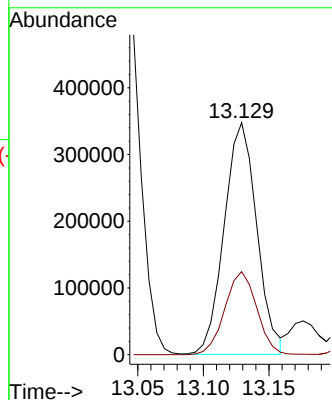
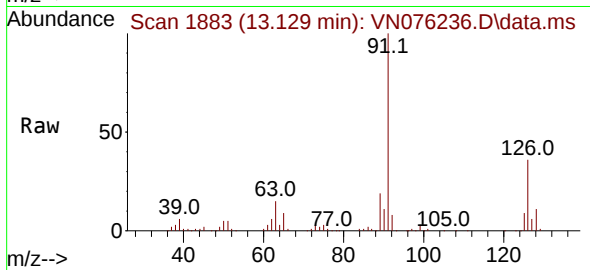
#79
2-Chlorotoluene
Concen: 46.472 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 600140
Ion Ratio Lower Upper
91 100
126 35.2 17.5 52.5

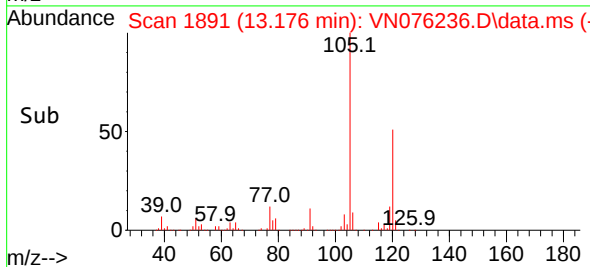
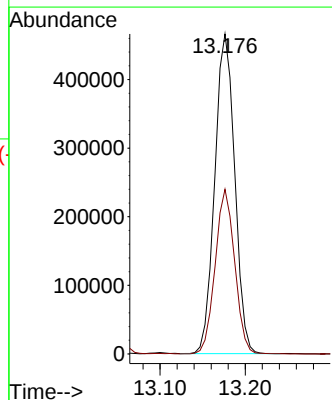
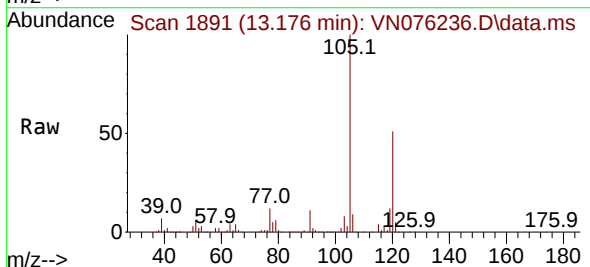
Manual Integrations
APPROVED

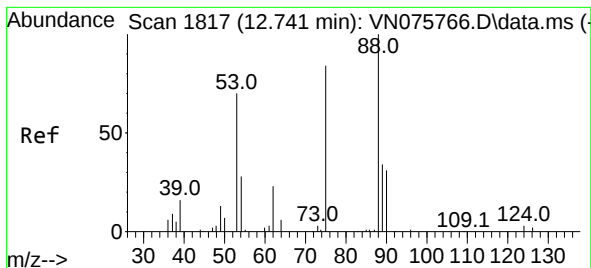
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.352 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

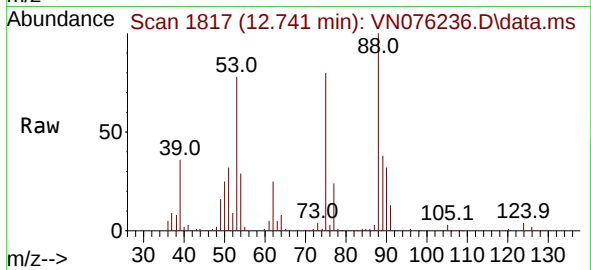
Tgt Ion:105 Resp: 759069
Ion Ratio Lower Upper
105 100
120 50.5 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 50.851 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

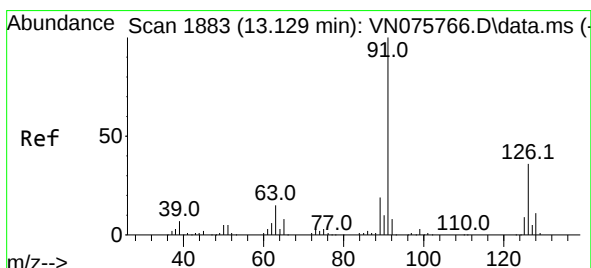
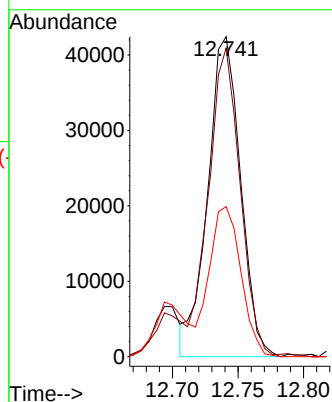
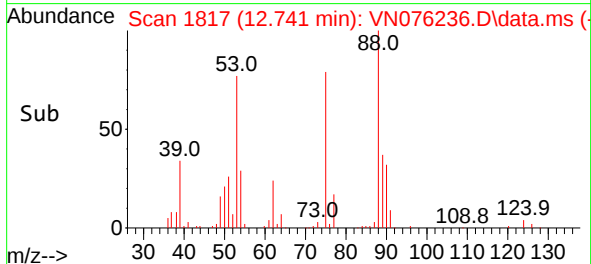
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



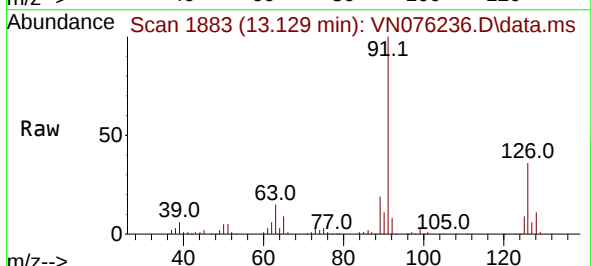
Tgt Ion: 75 Resp: 73910
Ion Ratio Lower Upper
75 100
53 93.0 73.8 110.6
89 44.9 39.5 59.3

Manual Integrations
APPROVED

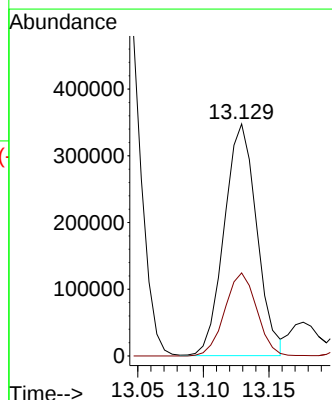
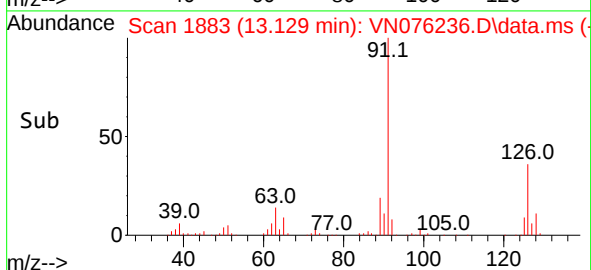
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

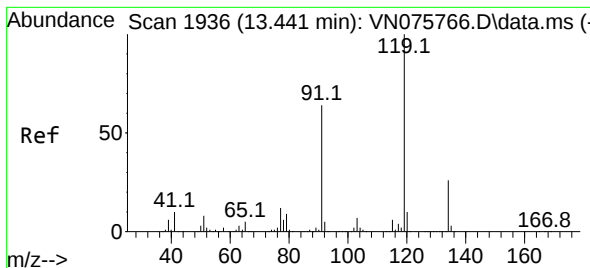


#82
4-Chlorotoluene
Concen: 46.472 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53



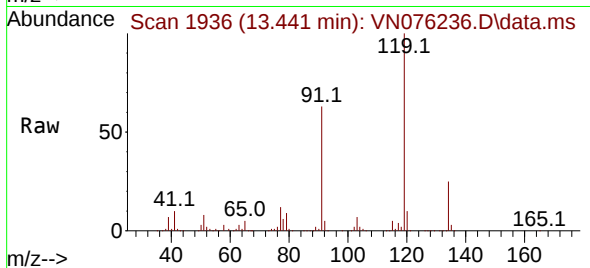
Tgt Ion: 91 Resp: 600146
Ion Ratio Lower Upper
91 100
126 35.2 17.5 52.5





#83
tert-Butylbenzene
Concen: 49.853 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

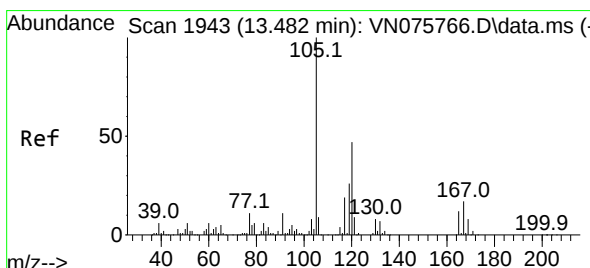
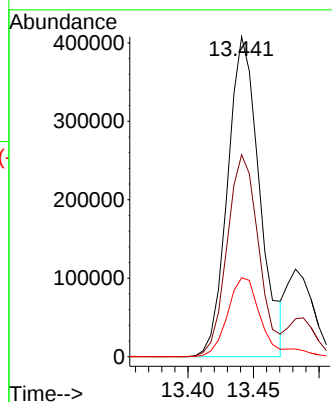
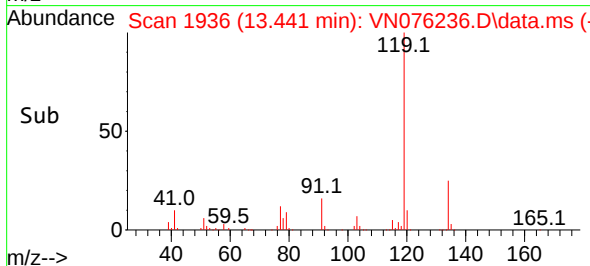
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



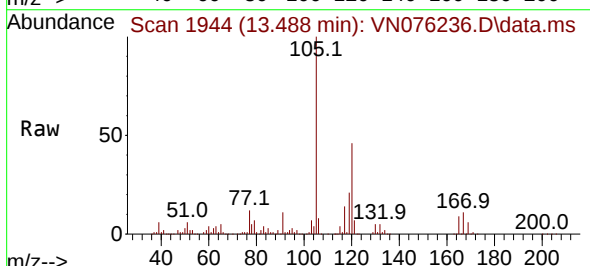
Tgt Ion:119 Resp: 690030
Ion Ratio Lower Upper
119 100
91 62.7 31.9 95.5
134 26.5 13.8 41.4

Manual Integrations
APPROVED

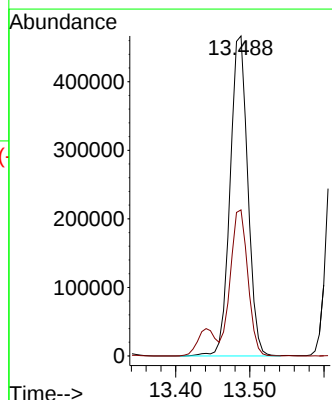
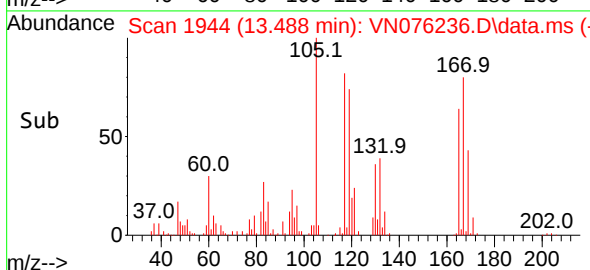
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

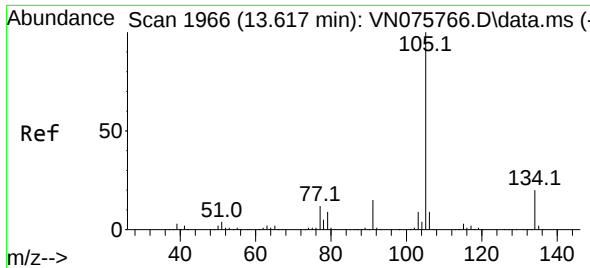


#84
1,2,4-Trimethylbenzene
Concen: 49.555 ug/l
RT: 13.488 min Scan# 1944
Delta R.T. 0.006 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53



Tgt Ion:105 Resp: 771765
Ion Ratio Lower Upper
105 100
120 44.9 23.3 69.8





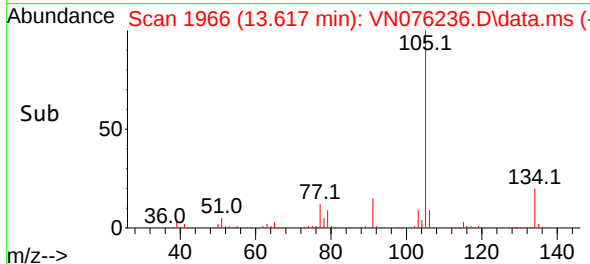
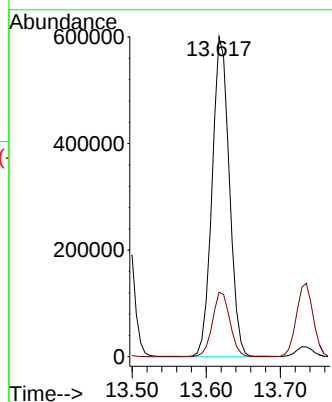
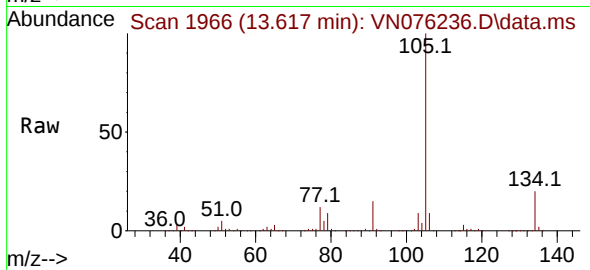
#85
 sec-Butylbenzene
 Concen: 50.728 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN076236.D
 Acq: 13 Jan 2023 09:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 96911
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1

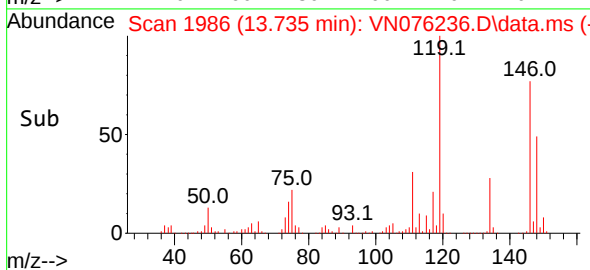
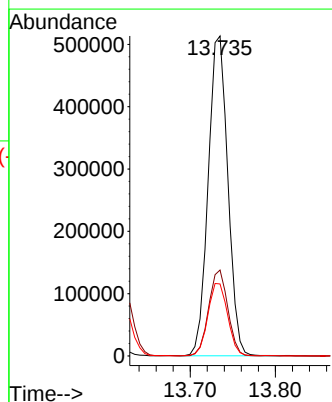
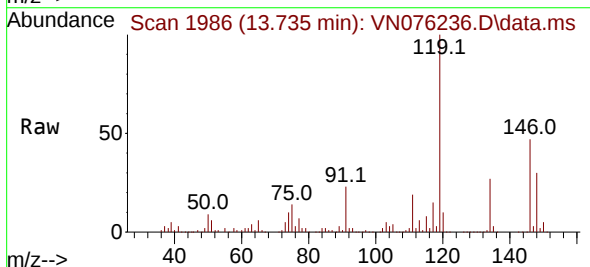
Manual Integrations
 APPROVED

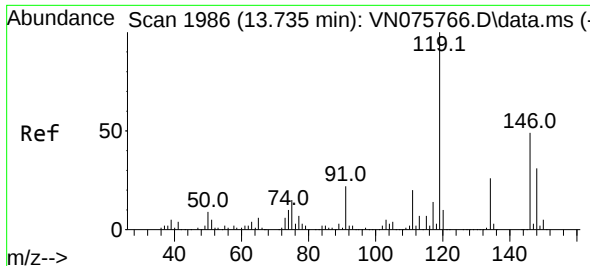
Reviewed By :John Carlone 01/16/2023
 Supervised By :Mahesh Dadoda 01/16/2023



#86
 p-Isopropyltoluene
 Concen: 51.610 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076236.D
 Acq: 13 Jan 2023 09:53

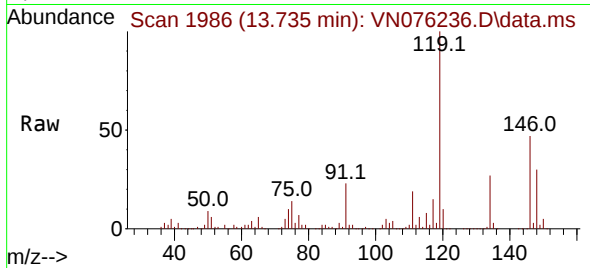
Tgt Ion:119 Resp: 820411
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 22.8 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 46.084 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

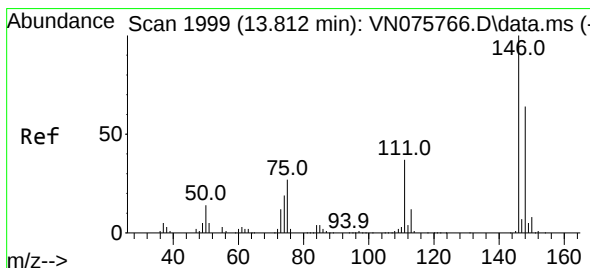
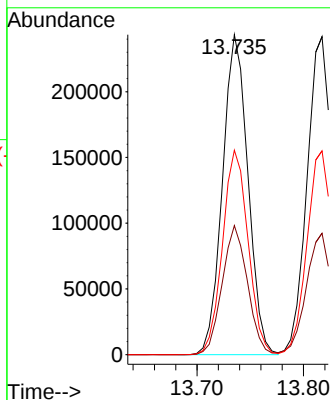
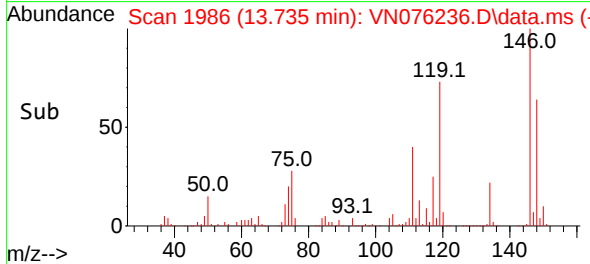
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



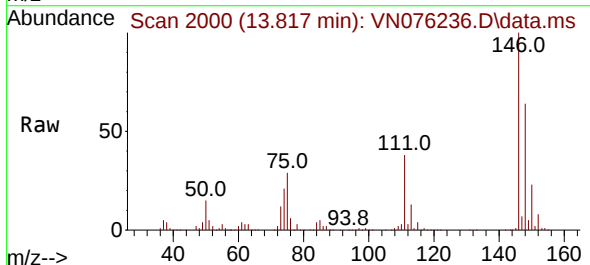
Tgt Ion:146 Resp: 404094
Ion Ratio Lower Upper
146 100
111 40.1 19.7 59.0
148 64.2 31.4 94.2

Manual Integrations
APPROVED

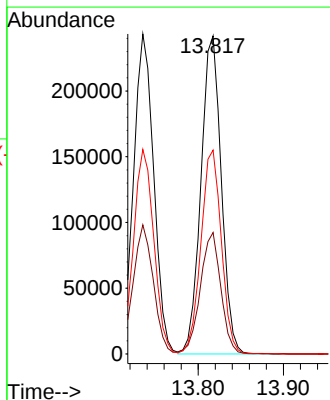
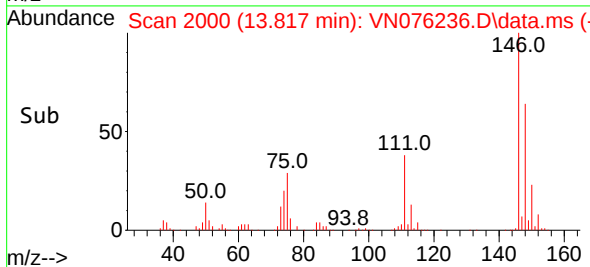
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

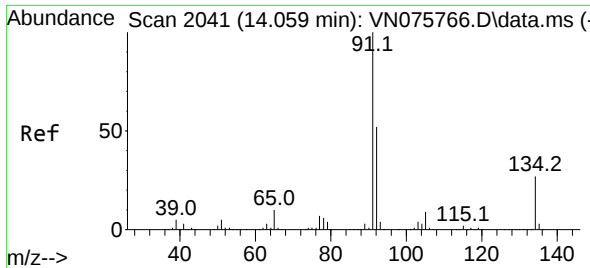


#88
1,4-Dichlorobenzene
Concen: 44.872 ug/l
RT: 13.817 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53



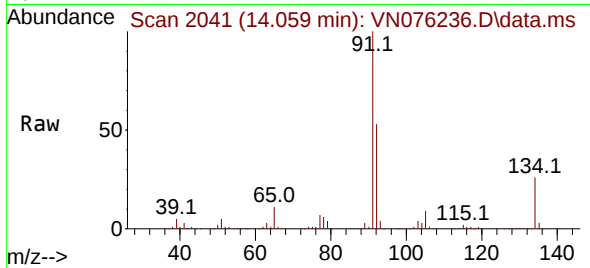
Tgt Ion:146 Resp: 401949
Ion Ratio Lower Upper
146 100
111 38.3 19.1 57.1
148 64.4 32.0 96.2





#89
n-Butylbenzene
Concen: 51.883 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

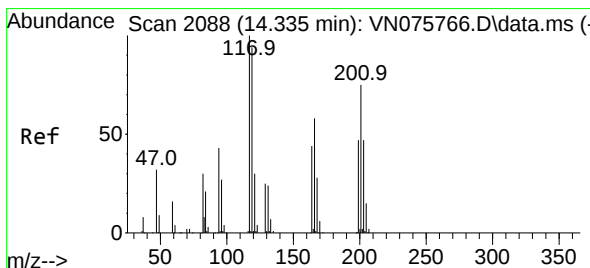
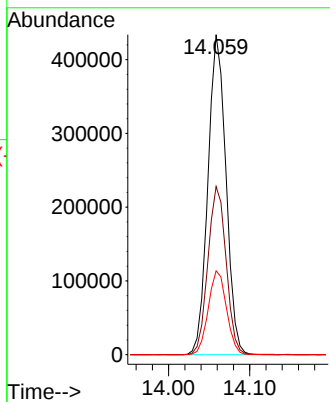
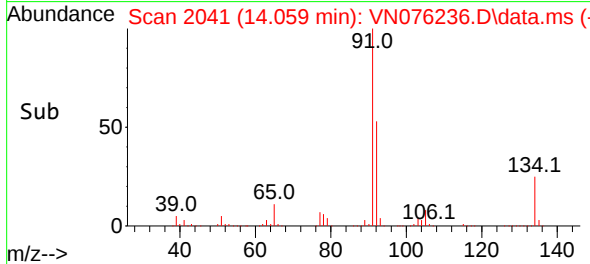
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 66816
Ion Ratio Lower Upper
91 100
92 53.1 26.4 79.2
134 26.5 13.4 40.2

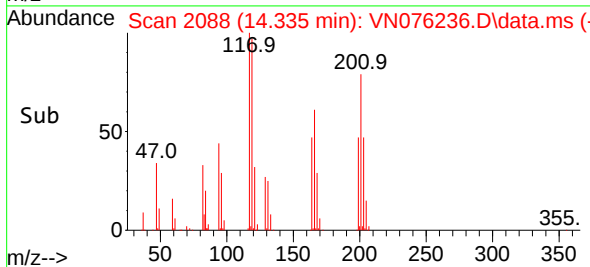
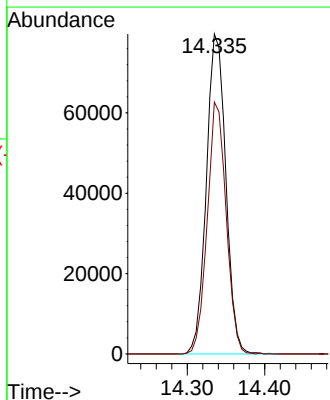
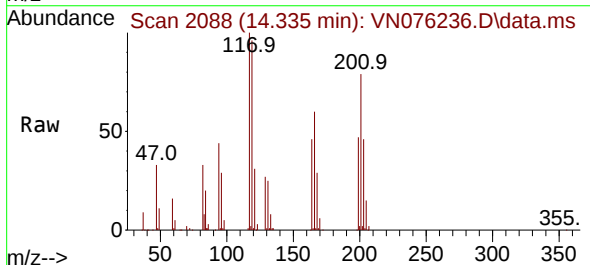
Manual Integrations
APPROVED

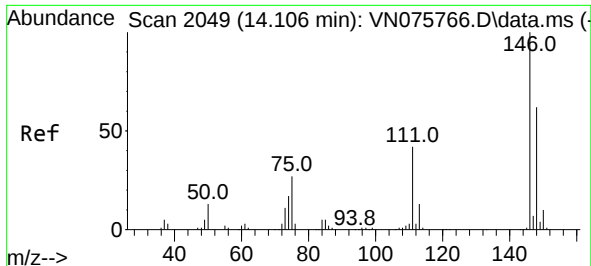
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023



#90
Hexachloroethane
Concen: 48.795 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

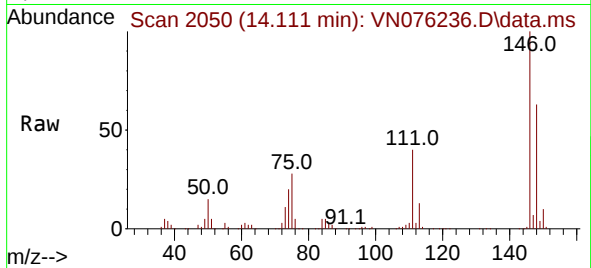
Tgt Ion:117 Resp: 138752
Ion Ratio Lower Upper
117 100
201 76.6 38.0 114.1





#91
1,2-Dichlorobenzene
Concen: 46.600 ug/l
RT: 14.111 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

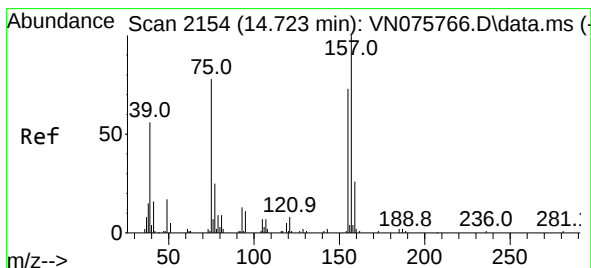
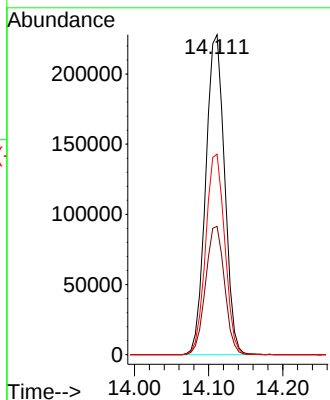
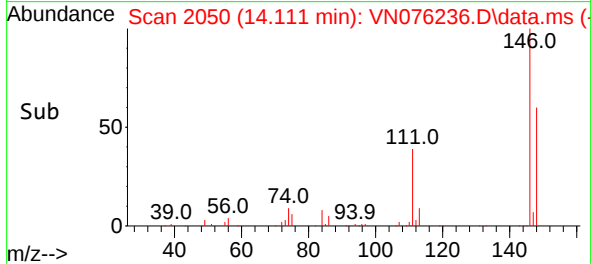
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



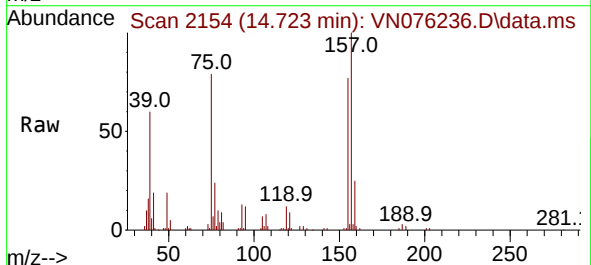
Tgt Ion:146 Resp: 402490
Ion Ratio Lower Upper
146 100
111 40.4 20.3 61.0
148 63.6 31.7 95.1

Manual Integrations
APPROVED

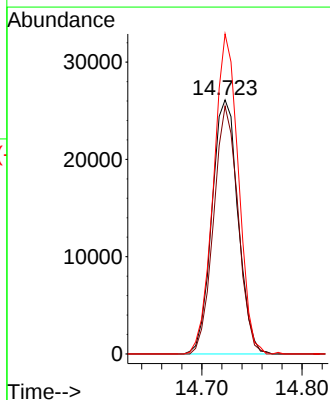
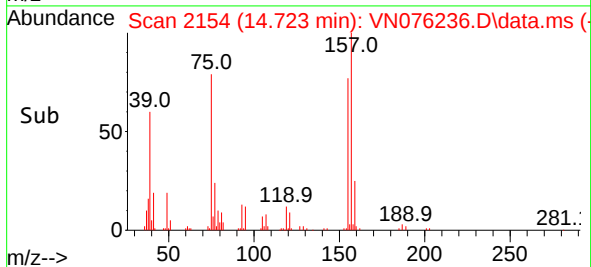
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

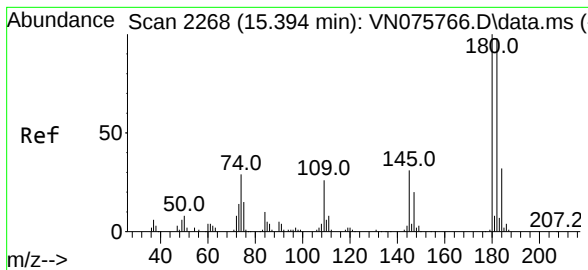


#92
1,2-Dibromo-3-Chloropropane
Concen: 45.767 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53



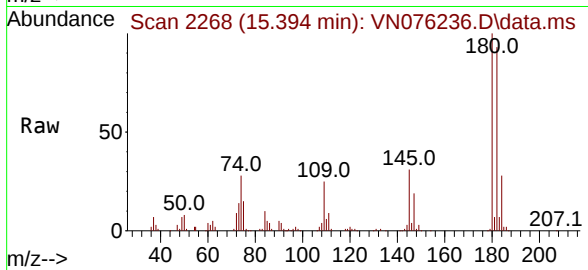
Tgt Ion: 75 Resp: 47090
Ion Ratio Lower Upper
75 100
155 91.4 49.3 147.8
157 119.8 63.7 191.3





#93
1,2,4-Trichlorobenzene
Concen: 47.228 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53

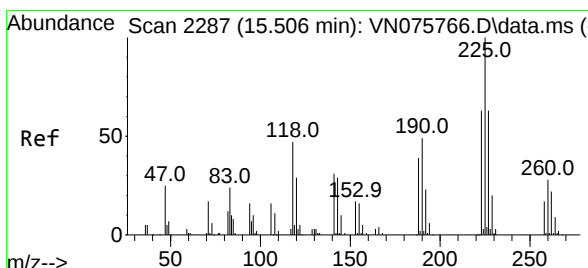
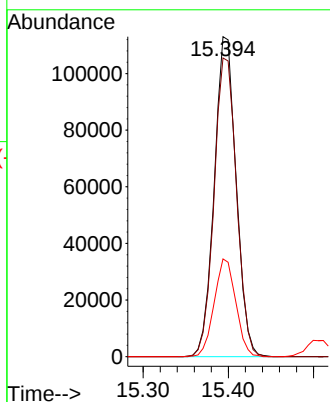
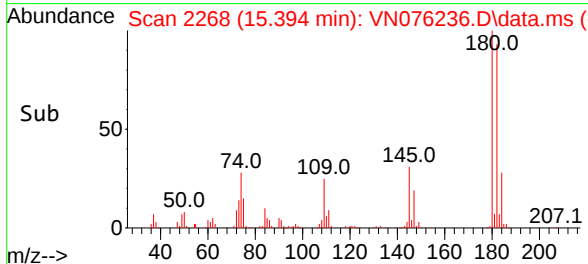
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



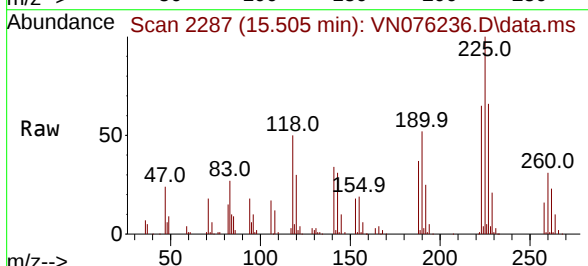
Tgt Ion:180 Resp: 201948
Ion Ratio Lower Upper
180 100
182 95.9 47.5 142.5
145 30.2 15.3 45.8

Manual Integrations
APPROVED

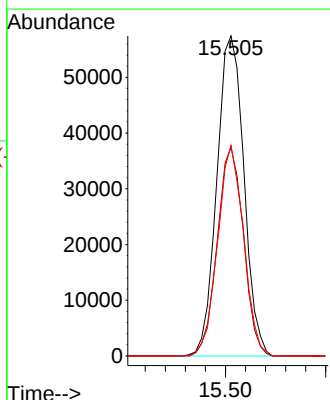
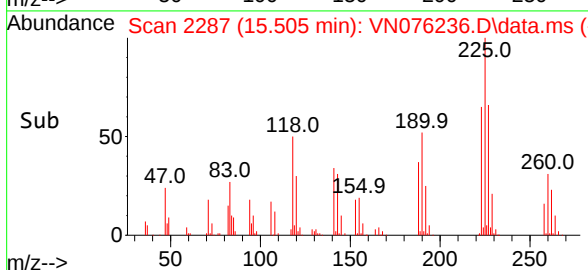
Reviewed By :John Carlone 01/16/2023
Supervised By :Mahesh Dadoda 01/16/2023

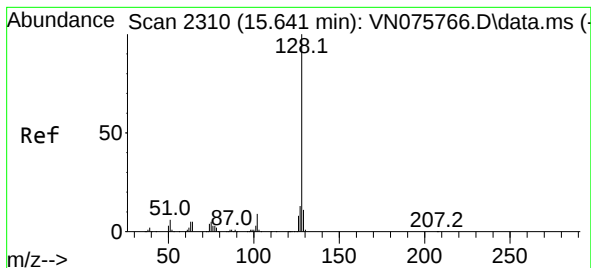


#94
Hexachlorobutadiene
Concen: 46.080 ug/l
RT: 15.505 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VN076236.D
Acq: 13 Jan 2023 09:53



Tgt Ion:225 Resp: 107502
Ion Ratio Lower Upper
225 100
223 63.1 31.5 94.5
227 62.9 31.6 95.0





#95

Naphthalene

Concen: 41.931 ug/l

RT: 15.647 min Scan# 2310

Delta R.T. 0.006 min

Lab File: VN076236.D

Acq: 13 Jan 2023 09:53

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 587139

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

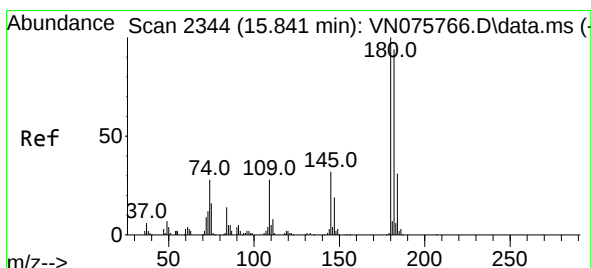
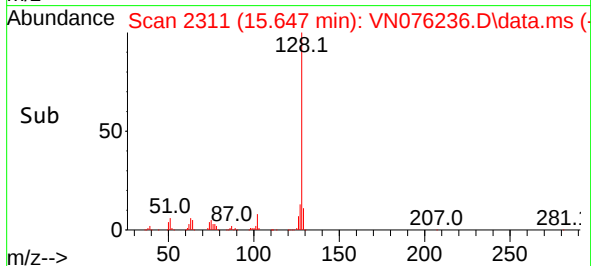
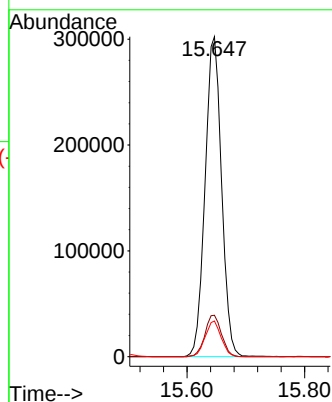
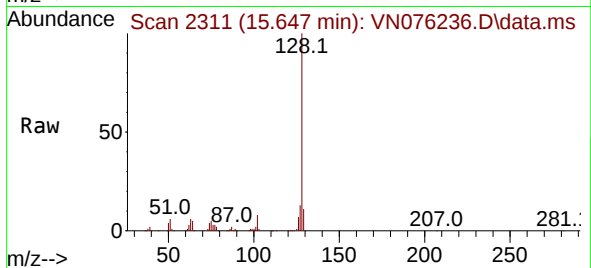
129 10.8 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/16/2023

Supervised By :Mahesh Dadoda 01/16/2023



#96

1,2,3-Trichlorobenzene

Concen: 48.545 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN076236.D

Acq: 13 Jan 2023 09:53

Tgt Ion:180 Resp: 194013

Ion Ratio Lower Upper

180 100

182 95.5 47.0 141.0

145 32.5 16.0 47.9

