

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012323\
 Data File : VN076369.D
 Acq On : 23 Jan 2023 17:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/24/2023
 Supervised By : Mahesh Dadoda 01/25/2023

Quant Time: Jan 24 00:38:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	391043	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	642590	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	574798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	280221	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	235310	53.743	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.480%			
35) Dibromofluoromethane	8.171	113	204527	50.882	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.760%			
50) Toluene-d8	10.571	98	742830	50.039	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.080%			
62) 4-Bromofluorobenzene	12.853	95	270942	55.908	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	181268	45.235	ug/l	98
3) Chloromethane	2.377	50	201707	48.616	ug/l	100
4) Vinyl Chloride	2.530	62	263264	51.748	ug/l	98
5) Bromomethane	2.953	94	197653	47.442	ug/l	99
6) Chloroethane	3.124	64	177482	46.525	ug/l	93
7) Trichlorofluoromethane	3.506	101	311483	44.503	ug/l	100
8) Diethyl Ether	3.971	74	124629	53.088	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	176468	44.538	ug/l	98
10) Methyl Iodide	4.600	142	290833	48.054	ug/l	99
11) Tert butyl alcohol	5.530	59	128847	220.009	ug/l	99
12) 1,1-Dichloroethene	4.359	96	167208	44.643	ug/l	91
13) Acrolein	4.189	56	145755	208.109	ug/l	98
14) Allyl chloride	5.036	41	212817	48.758	ug/l	99
15) Acrylonitrile	5.724	53	408684	245.226	ug/l	99
16) Acetone	4.436	43	321800	229.262	ug/l	97
17) Carbon Disulfide	4.724	76	399120	42.796	ug/l	97
18) Methyl Acetate	5.042	43	224239	47.141	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	625697	51.314	ug/l	98
20) Methylene Chloride	5.289	84	214994	51.786	ug/l	98
21) trans-1,2-Dichloroethene	5.794	96	183736	45.282	ug/l	99
22) Diisopropyl ether	6.683	45	546760	53.118	ug/l	98
23) Vinyl Acetate	6.612	43	1737917	261.244	ug/l	99
24) 1,1-Dichloroethane	6.577	63	337198	49.145	ug/l	98
25) 2-Butanone	7.488	43	504680	235.423	ug/l	93
26) 2,2-Dichloropropane	7.500	77	268438	46.420	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	228110	48.201	ug/l	98
28) Bromochloromethane	7.818	49	152631	54.883	ug/l	96
29) Tetrahydrofuran	7.841	42	331168	250.303	ug/l	98
30) Chloroform	7.971	83	376890	49.643	ug/l	97
31) Cyclohexane	8.259	56	273551	40.671	ug/l	100
32) 1,1,1-Trichloroethane	8.177	97	332772	48.009	ug/l	96
36) 1,1-Dichloropropene	8.377	75	259448	45.423	ug/l	100
37) Ethyl Acetate	7.565	43	213786	46.666	ug/l	99
38) Carbon Tetrachloride	8.371	117	292692	45.951	ug/l	97
39) Methylcyclohexane	9.606	83	322533	46.240	ug/l	98
40) Benzene	8.612	78	803662	47.055	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	120364	50.176	ug/l	97
42) 1,2-Dichloroethane	8.677	62	284726	48.724	ug/l	99
43) Isopropyl Acetate	8.694	43	367481	49.306	ug/l	99
44) Trichloroethene	9.353	130	212724	44.037	ug/l	99
45) 1,2-Dichloropropane	9.624	63	199702	48.837	ug/l	94
46) Dibromomethane	9.712	93	144225	46.715	ug/l	98
47) Bromodichloromethane	9.888	83	301663	50.378	ug/l	98
48) Methyl methacrylate	9.682	41	177950	50.433	ug/l	97
49) 1,4-Dioxane	9.694	88	70606	948.349	ug/l	95
51) 4-Methyl-2-Pentanone	10.447	43	1093484	249.925	ug/l	99
52) Toluene	10.629	92	521191	45.632	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	304433	53.332	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	332106	50.571	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	210003	48.103	ug/l	98
56) Ethyl methacrylate	10.876	69	302945	53.749	ug/l	99
57) 1,3-Dichloropropane	11.165	76	343629	48.435	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	471644	247.874	ug/l	98
59) 2-Hexanone	11.194	43	786747	248.142	ug/l	99
60) Dibromochloromethane	11.359	129	241235	52.491	ug/l	100
61) 1,2-Dibromoethane	11.470	107	212998	48.878	ug/l	100
64) Tetrachloroethene	11.106	164	214611	41.402	ug/l	99
65) Chlorobenzene	11.894	112	565181	46.515	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	220833	48.849	ug/l	99
67) Ethyl Benzene	11.965	91	1015386	48.828	ug/l	99
68) m/p-Xylenes	12.070	106	804076	96.428	ug/l	99
69) o-Xylene	12.400	106	400727	48.936	ug/l	98
70) Styrene	12.412	104	657344	50.274	ug/l	99
71) Bromoform	12.582	173	175620	53.793	ug/l #	99
73) Isopropylbenzene	12.700	105	1043989	48.159	ug/l	100
74) N-amyl acetate	12.494	43	323153	51.823	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	292449	46.928	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	258551m	50.660	ug/l	
77) Bromobenzene	12.982	156	251351	49.589	ug/l	99
78) n-propylbenzene	13.041	91	1190212	48.659	ug/l	100
79) 2-Chlorotoluene	13.129	91	708676	47.215	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	885495	48.758	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	82819	49.174	ug/l	97
82) 4-Chlorotoluene	13.129	91	708676	47.215	ug/l	99
83) tert-Butylbenzene	13.441	119	802841	49.704	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	890833	48.919	ug/l	99
85) sec-Butylbenzene	13.617	105	1103199	49.221	ug/l	100
86) p-Isopropyltoluene	13.735	119	939219	50.960	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	457749	44.801	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	454429	46.761	ug/l	99
89) n-Butylbenzene	14.059	91	759530	51.913	ug/l	99
90) Hexachloroethane	14.335	117	169787	53.376	ug/l	98
91) 1,2-Dichlorobenzene	14.112	146	448148	44.037	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	53542	49.427	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	228413	46.543	ug/l	96
94) Hexachlorobutadiene	15.506	225	118040	43.709	ug/l	99
95) Naphthalene	15.641	128	738319	50.684	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	224618	47.970	ug/l	99

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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

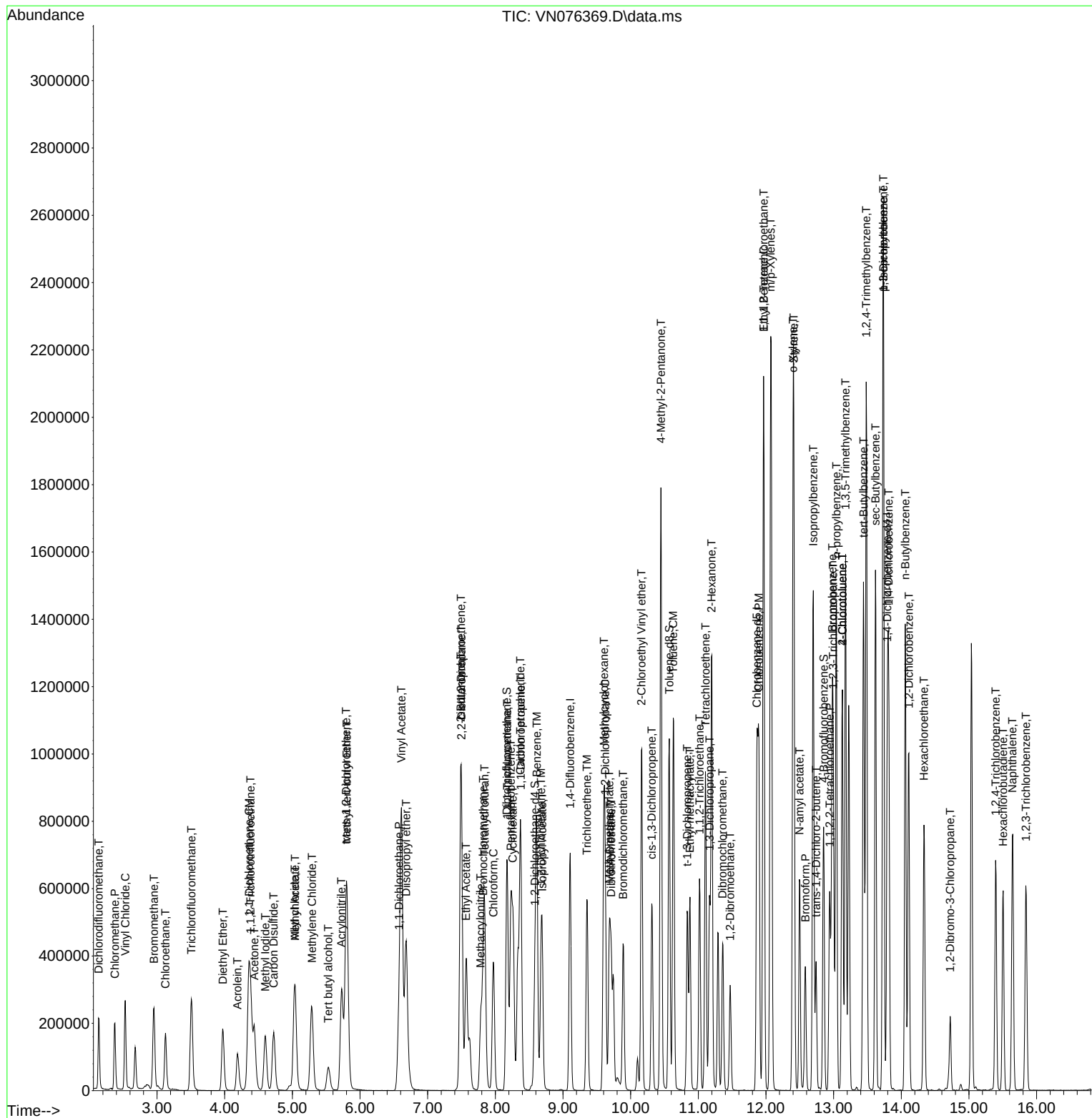
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012323\
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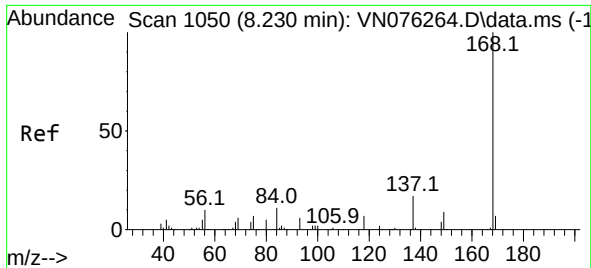
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076369.D
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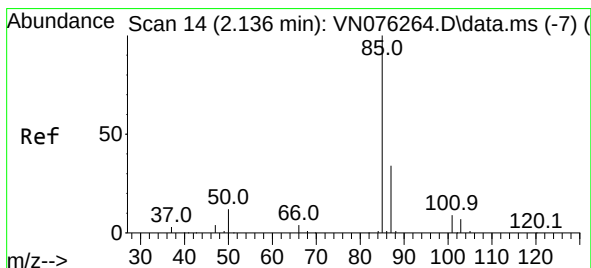
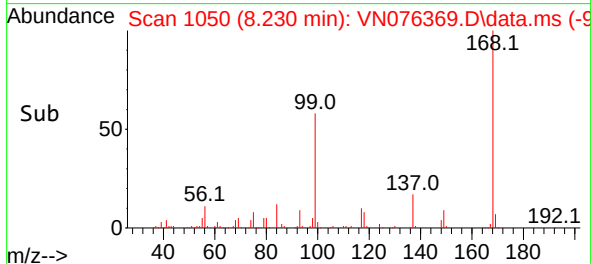
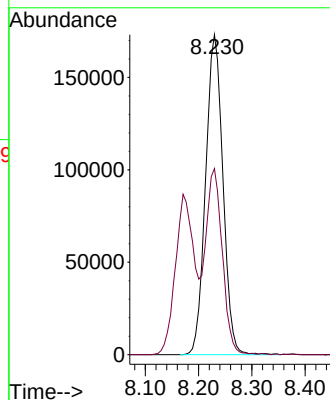
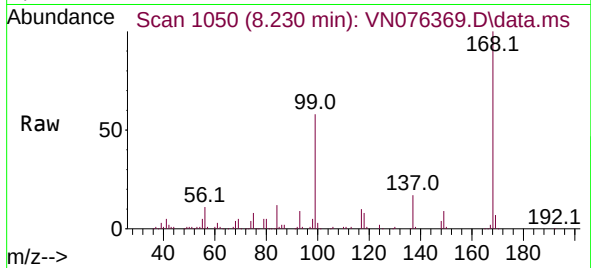
VSTDCCC050EC

Tgt Ion:168 Resp: 39104
Ion Ratio Lower Upper
168 100
99 58.2 41.6 62.4

Manual Integrations

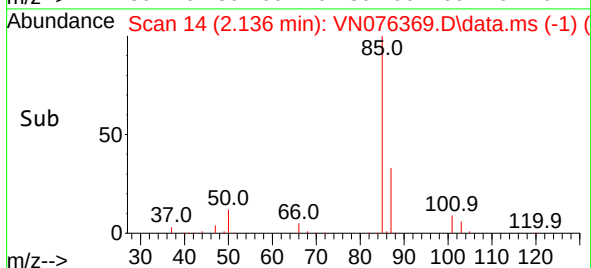
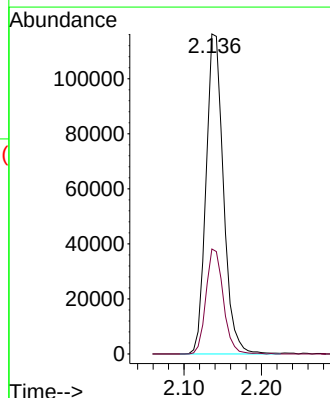
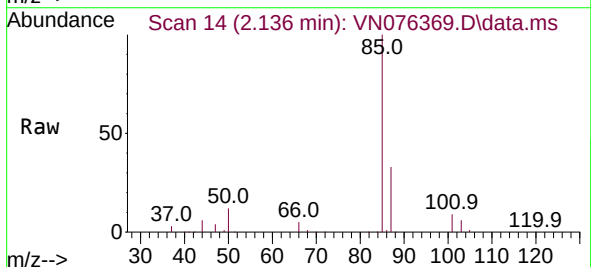
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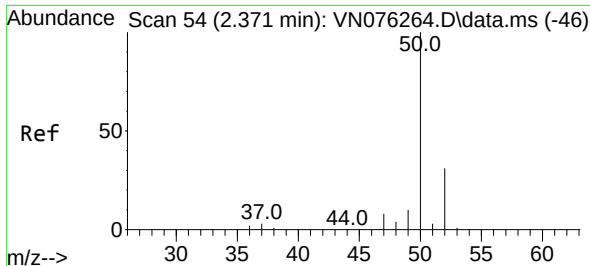
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023



#2
Dichlorodifluoromethane
Concen: 45.235 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

Tgt Ion: 85 Resp: 181268
Ion Ratio Lower Upper
85 100
87 32.8 17.1 51.2





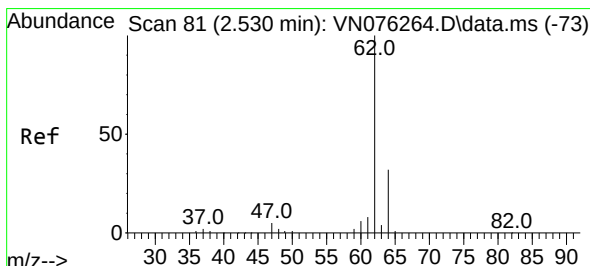
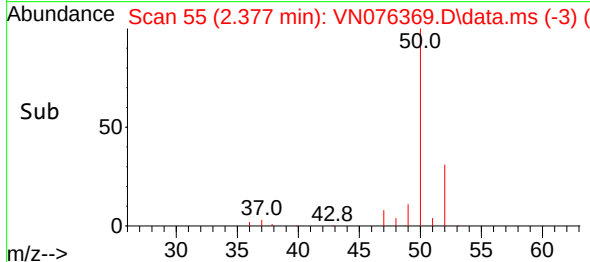
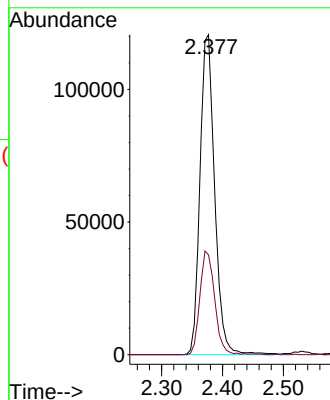
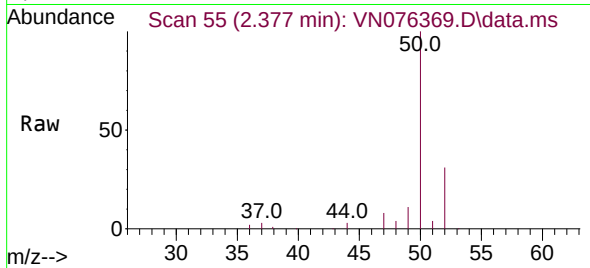
#3
Chloromethane
Concen: 48.616 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

Instrument :
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VSTDCCC050EC

Tgt Ion: 50 Resp: 20170
Ion Ratio Lower Upper
50 100
52 31.2 24.8 37.2

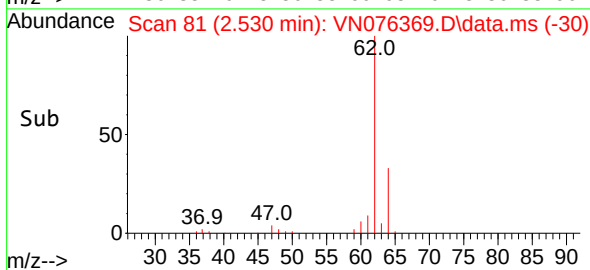
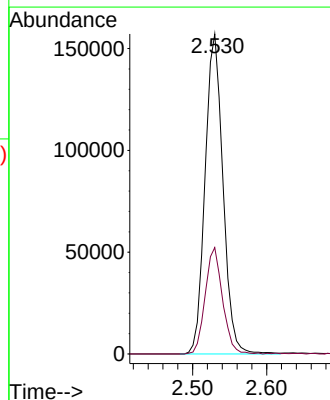
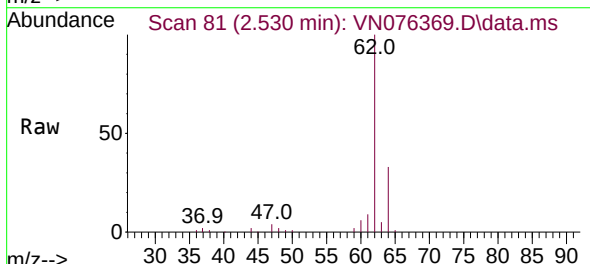
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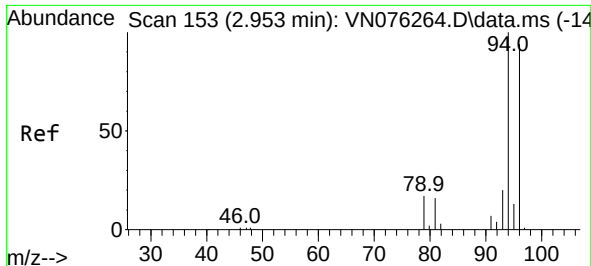
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023



#4
Vinyl Chloride
Concen: 51.748 ug/l
RT: 2.530 min Scan# 81
Delta R.T. -0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

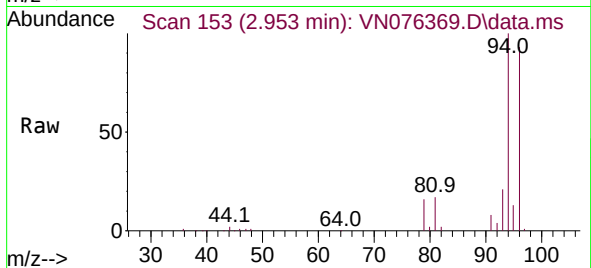
Tgt Ion: 62 Resp: 263264
Ion Ratio Lower Upper
62 100
64 33.3 25.8 38.6





#5
Bromomethane
Concen: 47.442 ug/l
RT: 2.953 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

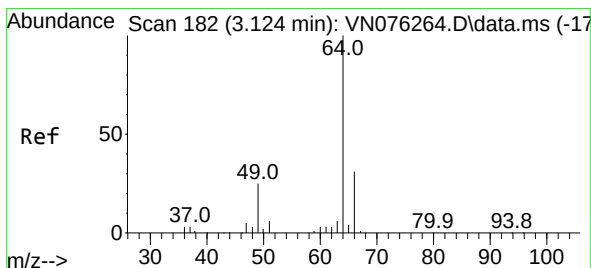
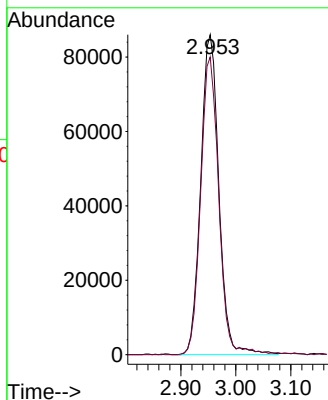
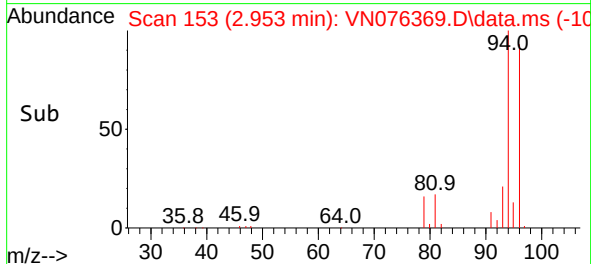
Instrument :
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Tgt Ion: 94 Resp: 19765
Ion Ratio Lower Upper
94 100
96 93.1 75.1 112.7

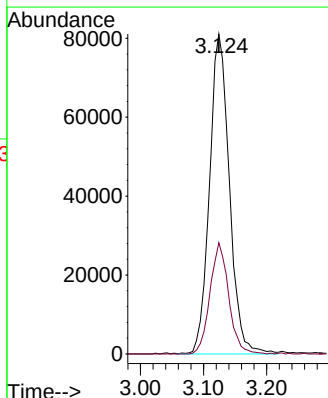
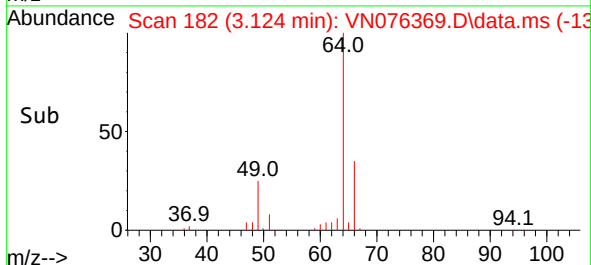
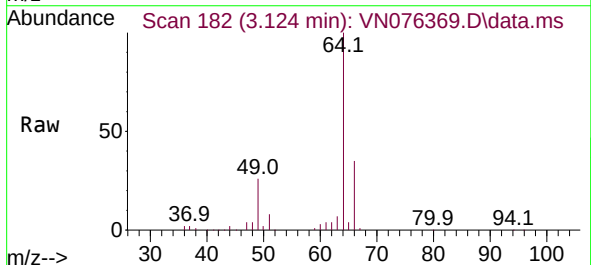
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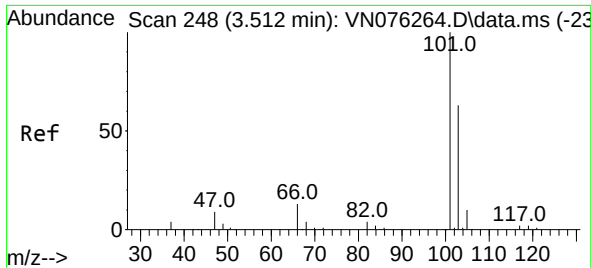
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023



#6
Chloroethane
Concen: 46.525 ug/l
RT: 3.124 min Scan# 182
Delta R.T. -0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

Tgt Ion: 64 Resp: 177482
Ion Ratio Lower Upper
64 100
66 34.8 24.8 37.2





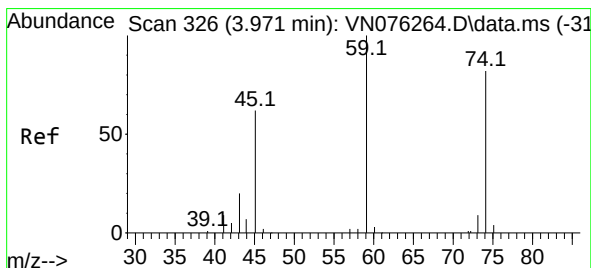
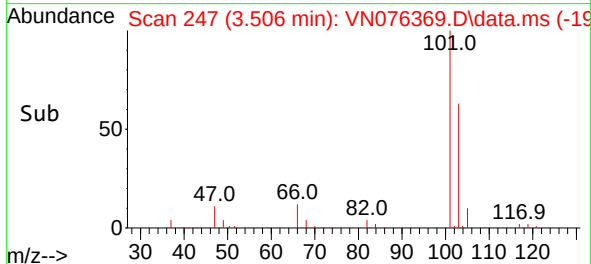
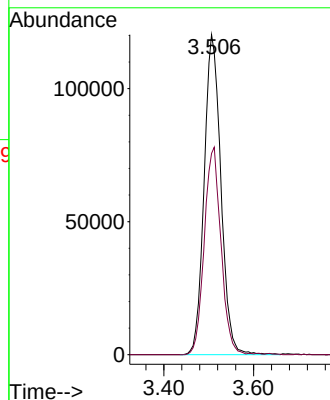
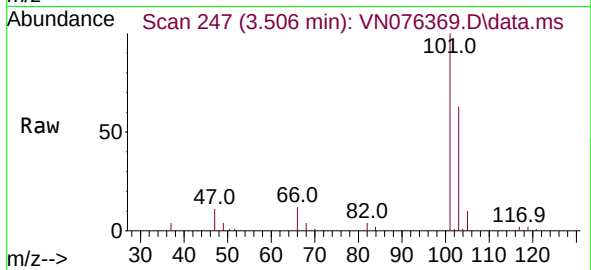
#7
 Trichlorofluoromethane
 Concen: 44.503 ug/l
 RT: 3.506 min Scan# 248
 Delta R.T. -0.006 min
 Lab File: VN076369.D
 Acq: 23 Jan 2023 17:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:101 Resp: 31148
 Ion Ratio Lower Upper
 101 100
 103 62.9 50.2 75.4

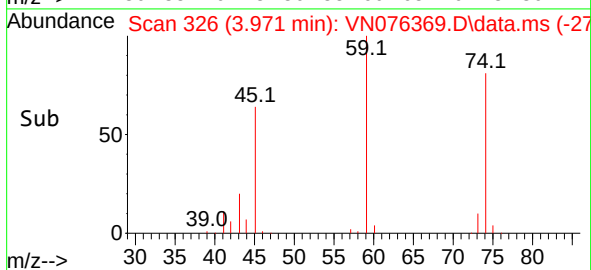
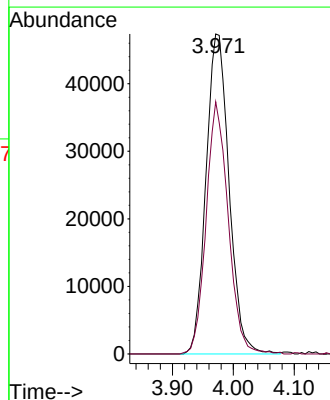
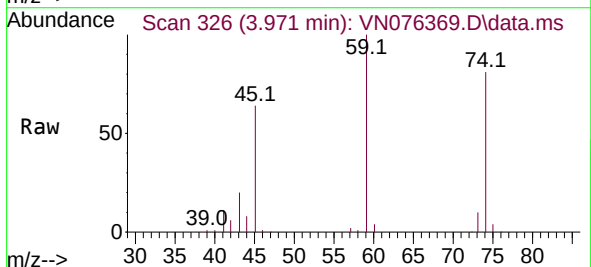
Manual Integrations
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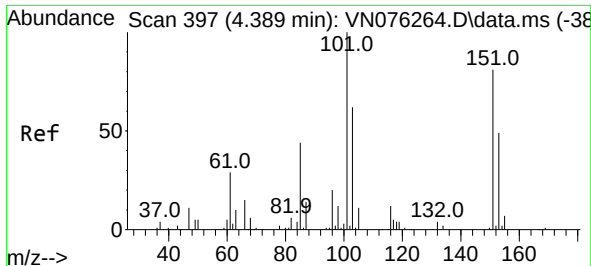
Reviewed By :John Carlone 01/24/2023
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#8
 Diethyl Ether
 Concen: 53.088 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. 0.000 min
 Lab File: VN076369.D
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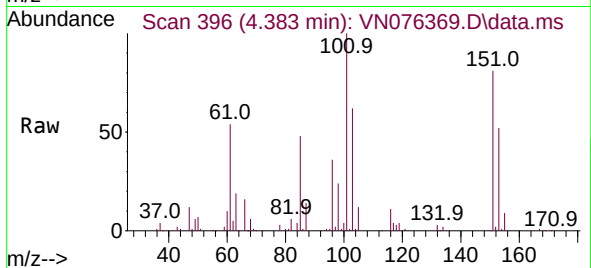
Tgt Ion: 74 Resp: 124629
 Ion Ratio Lower Upper
 74 100
 45 75.4 37.8 113.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 44.538 ug/l
RT: 4.383 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

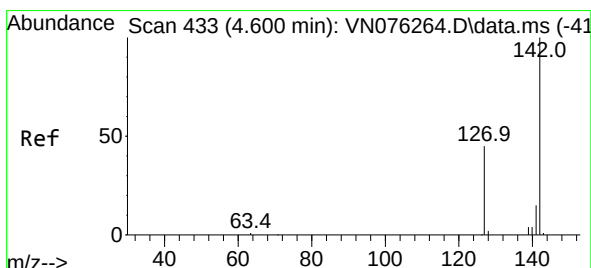
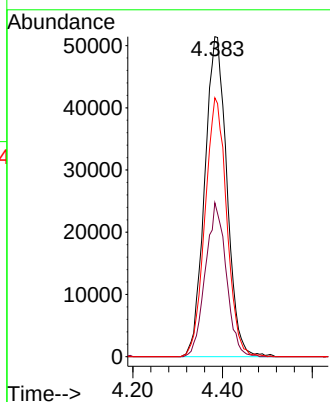
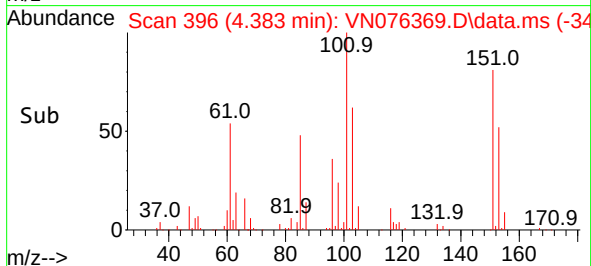
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 176468
Ion Ratio Lower Upper
101 100
85 45.0 35.5 53.3
151 79.3 65.5 98.3

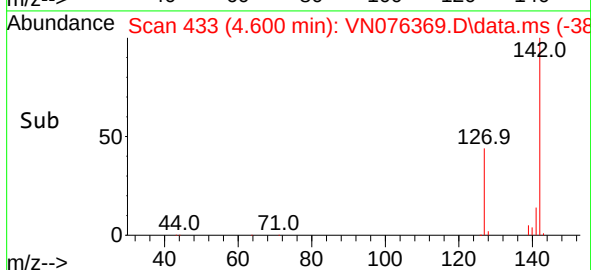
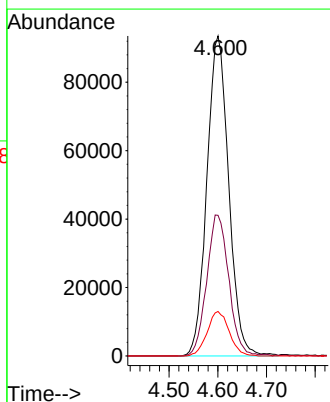
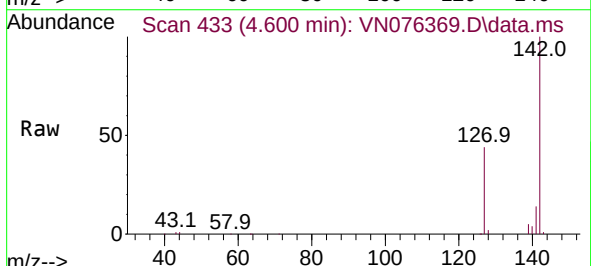
Manual Integrations
APPROVED

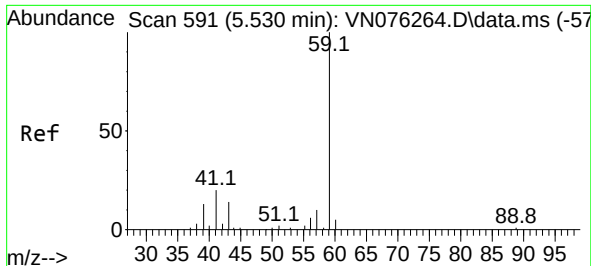
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023



#10
Methyl Iodide
Concen: 48.054 ug/l
RT: 4.600 min Scan# 433
Delta R.T. 0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

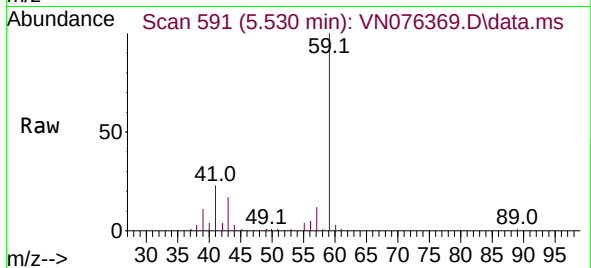
Tgt Ion:142 Resp: 290833
Ion Ratio Lower Upper
142 100
127 44.4 35.0 52.4
141 14.0 11.5 17.3





#11
Tert butyl alcohol
Concen: 220.009 ug/l
RT: 5.530 min Scan# 591
Delta R.T. -0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

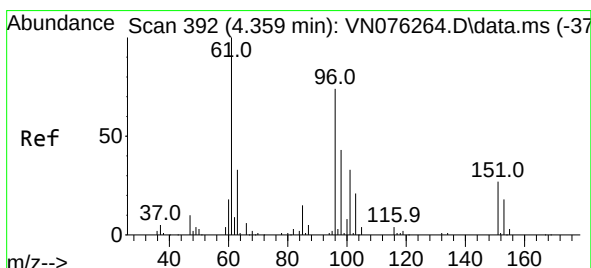
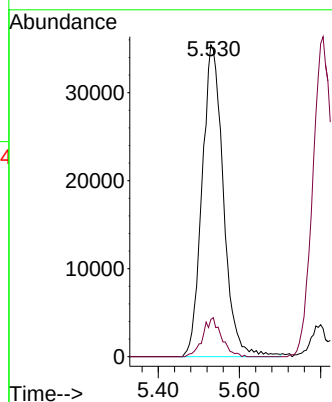
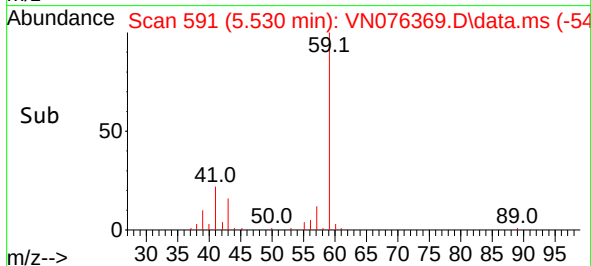
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 12884
Ion Ratio Lower Upper
59 100
57 10.9 8.5 12.7

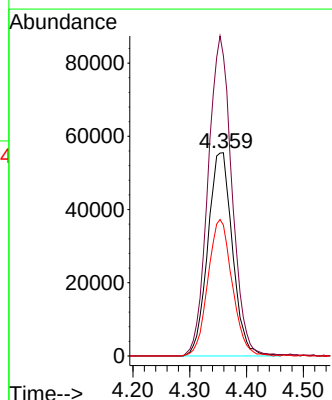
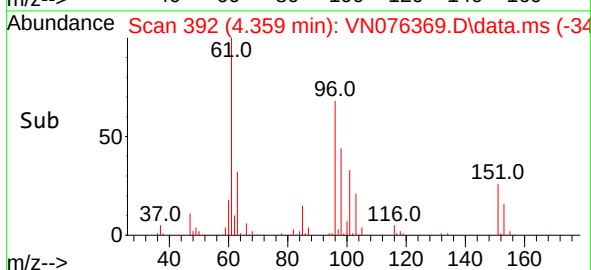
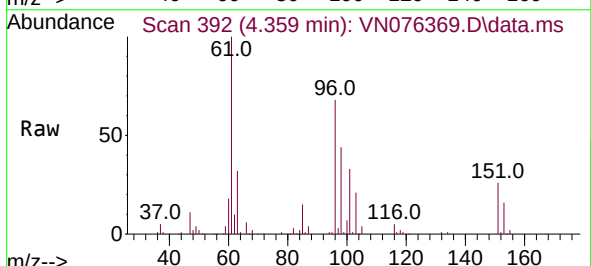
Manual Integrations
APPROVED

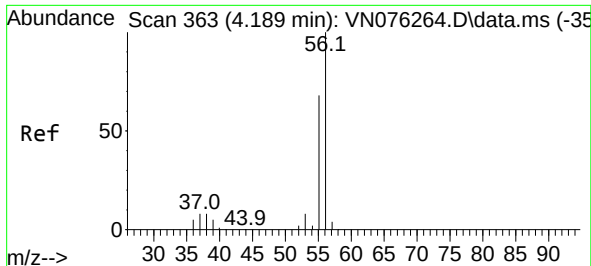
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023



#12
1,1-Dichloroethene
Concen: 44.643 ug/l
RT: 4.359 min Scan# 392
Delta R.T. 0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

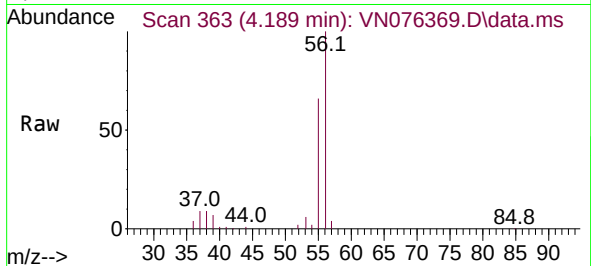
Tgt Ion: 96 Resp: 167208
Ion Ratio Lower Upper
96 100
61 147.7 108.2 162.4
98 64.4 47.0 70.6





#13
Acrolein
Concen: 208.109 ug/l
RT: 4.189 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

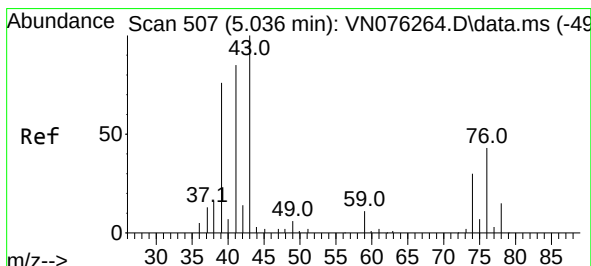
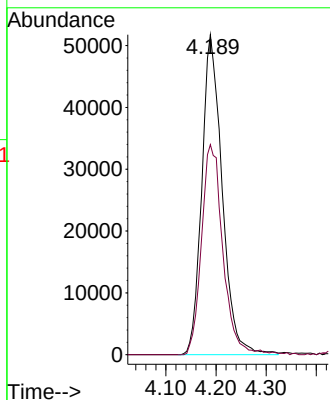
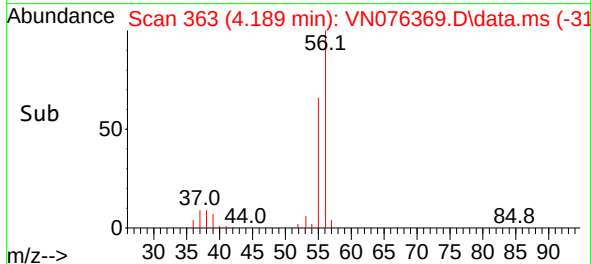
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 14575
Ion Ratio Lower Upper
56 100
55 68.0 55.8 83.6

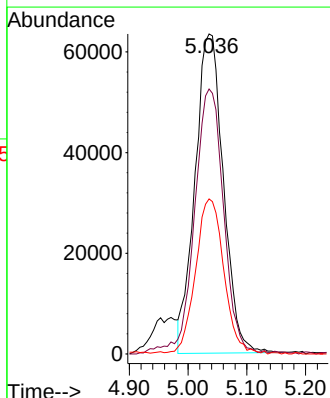
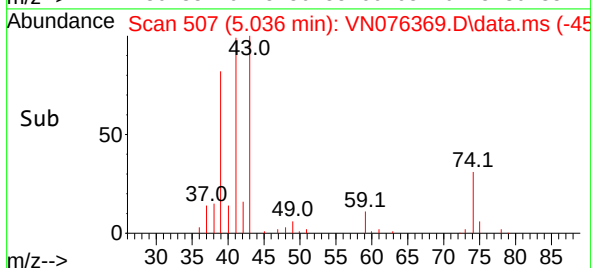
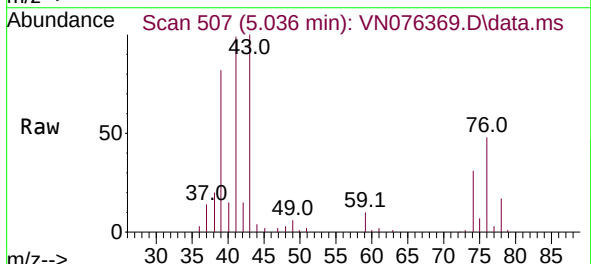
Manual Integrations
APPROVED

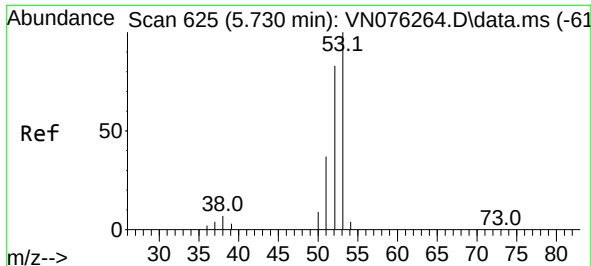
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023



#14
Allyl chloride
Concen: 48.758 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

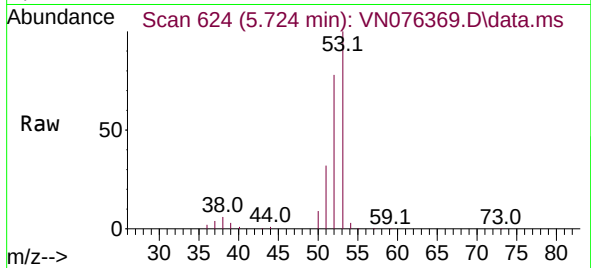
Tgt Ion: 41 Resp: 212817
Ion Ratio Lower Upper
41 100
39 85.2 67.4 101.0
76 48.4 39.8 59.8





#15
Acrylonitrile
Concen: 245.226 ug/l
RT: 5.724 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

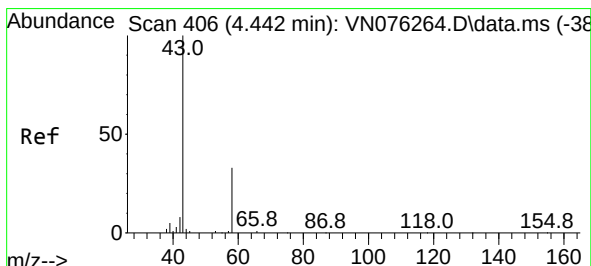
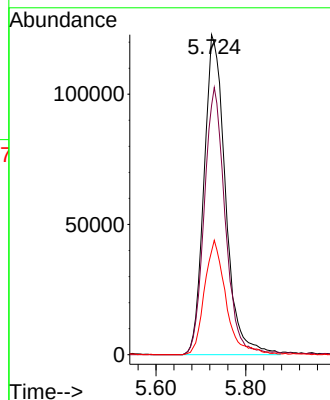
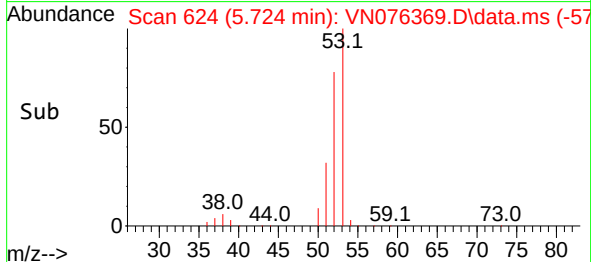
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



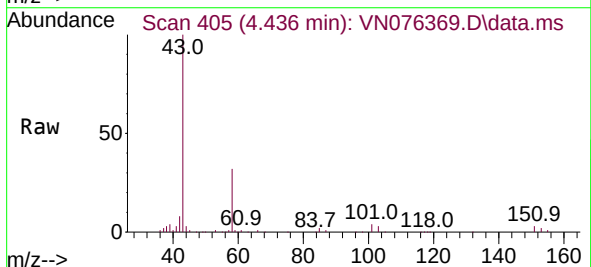
Tgt Ion: 53 Resp: 408684
Ion Ratio Lower Upper
53 100
52 81.4 64.7 97.1
51 35.9 29.2 43.8

Manual Integrations
APPROVED

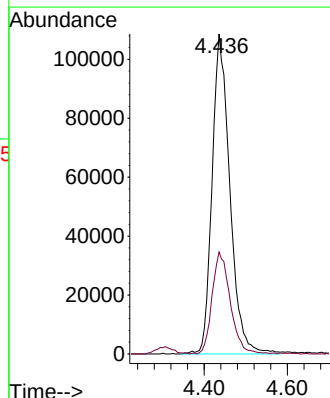
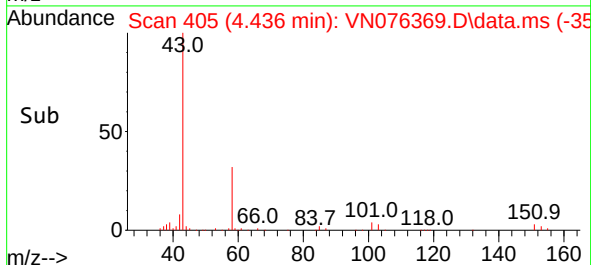
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023

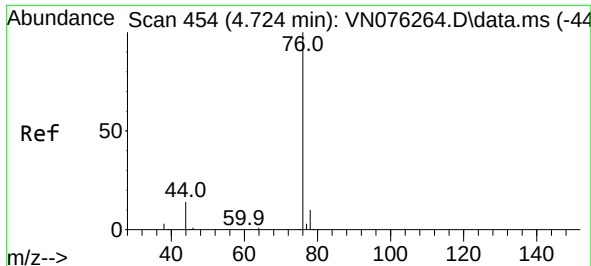


#16
Acetone
Concen: 229.262 ug/l
RT: 4.436 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06



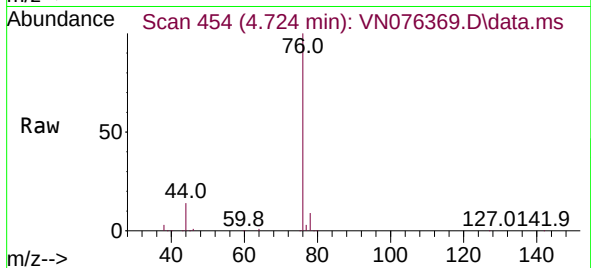
Tgt Ion: 43 Resp: 321800
Ion Ratio Lower Upper
43 100
58 31.5 26.7 40.1





#17
Carbon Disulfide
Concen: 42.796 ug/l
RT: 4.724 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

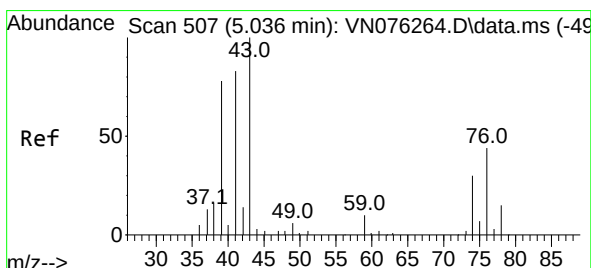
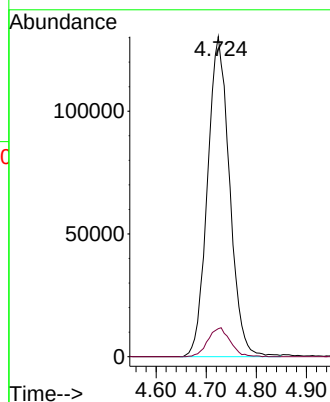
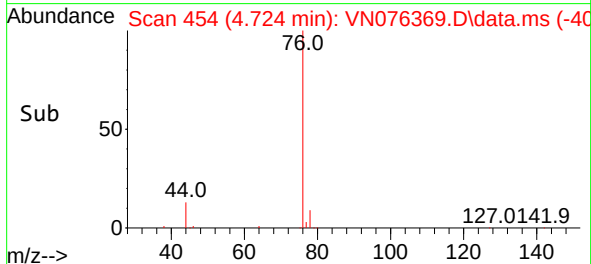
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



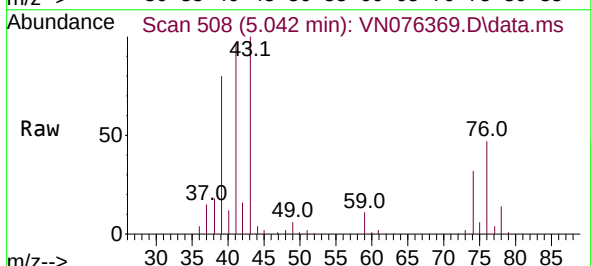
Tgt Ion: 76 Resp: 399120
Ion Ratio Lower Upper
76 100
78 8.7 8.0 12.0

Manual Integrations
APPROVED

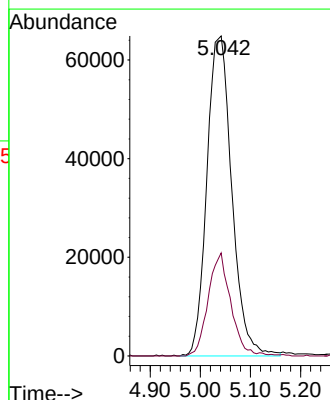
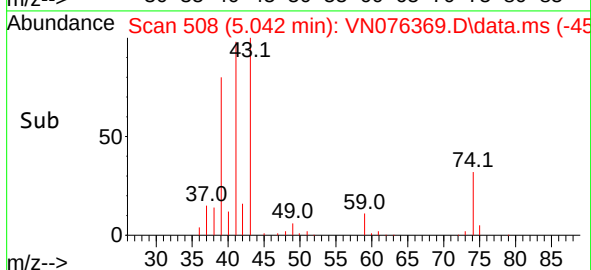
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023

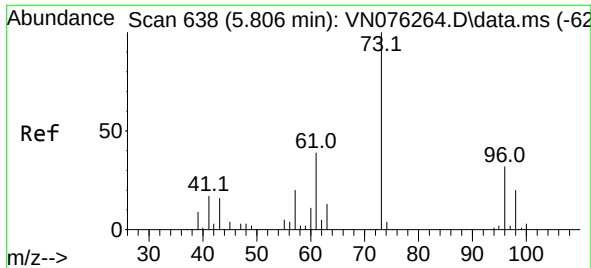


#18
Methyl Acetate
Concen: 47.141 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.006 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06



Tgt Ion: 43 Resp: 224239
Ion Ratio Lower Upper
43 100
74 28.8 23.3 34.9





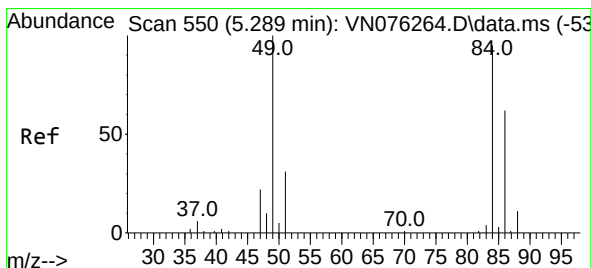
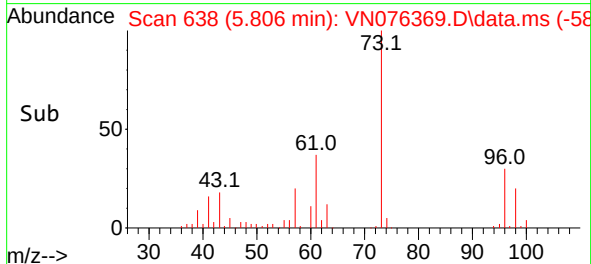
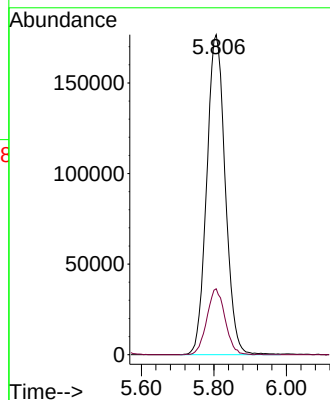
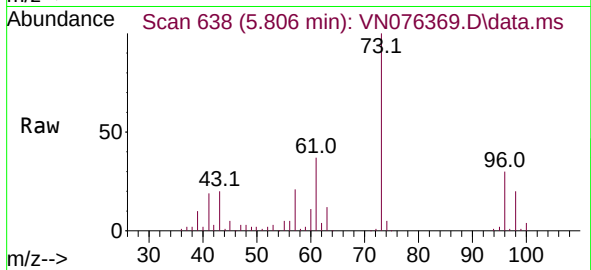
#19
Methyl tert-butyl Ether
Concen: 51.314 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 62569
Ion Ratio Lower Upper
73 100
57 20.6 15.9 23.9

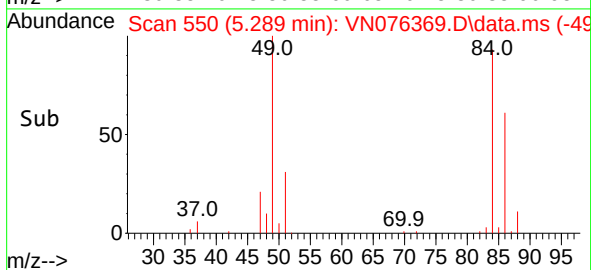
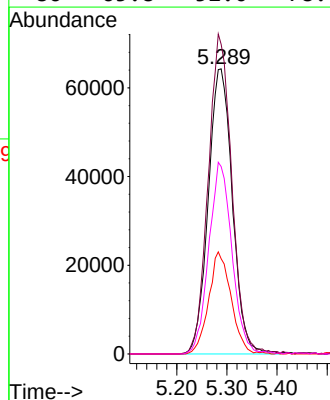
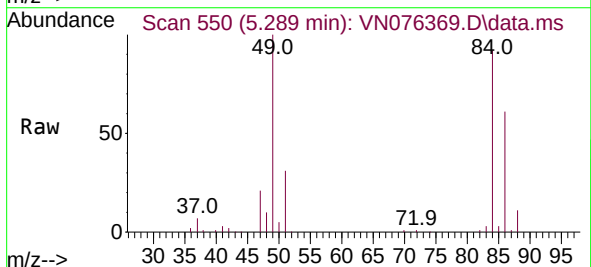
Manual Integrations
APPROVED

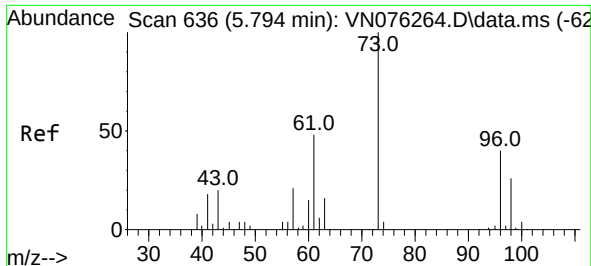
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023



#20
Methylene Chloride
Concen: 51.786 ug/l
RT: 5.289 min Scan# 550
Delta R.T. -0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

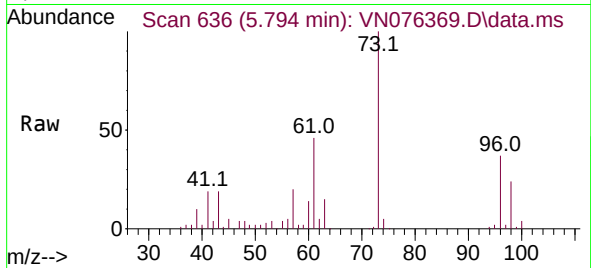
Tgt Ion: 84 Resp: 214994
Ion Ratio Lower Upper
84 100
49 108.6 84.5 126.7
51 33.4 26.0 39.0
86 65.8 52.0 78.0





#21
trans-1,2-Dichloroethene
Concen: 45.282 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

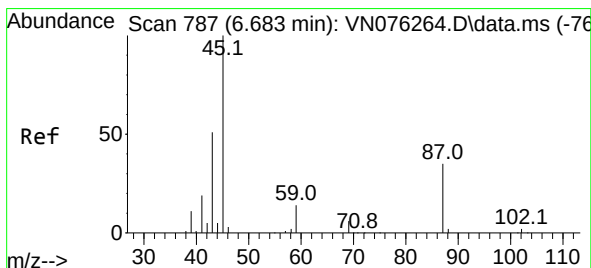
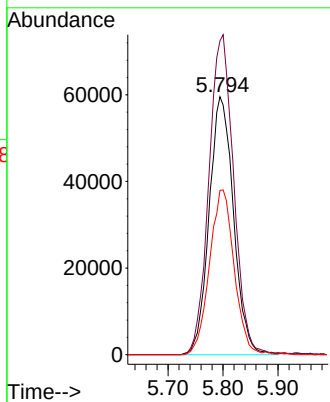
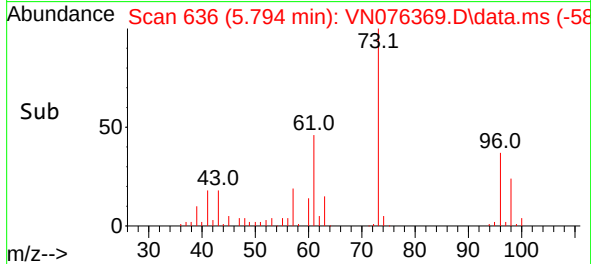
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



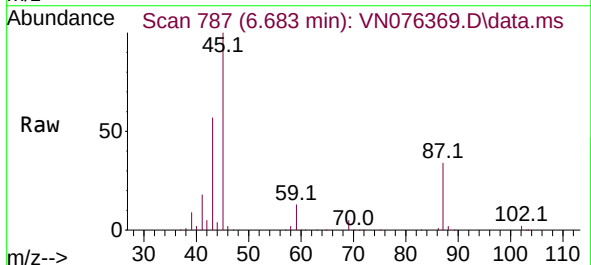
Tgt Ion: 96 Resp: 183730
Ion Ratio Lower Upper
96 100
61 121.7 97.0 145.4
98 63.8 51.9 77.9

Manual Integrations
APPROVED

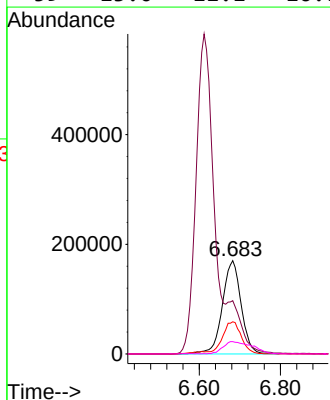
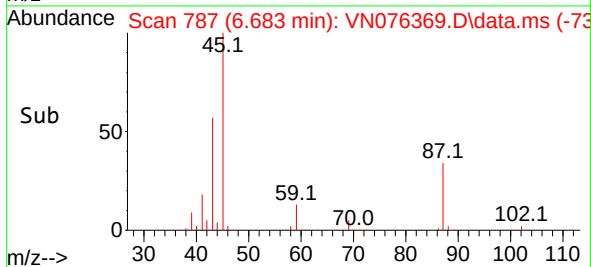
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023

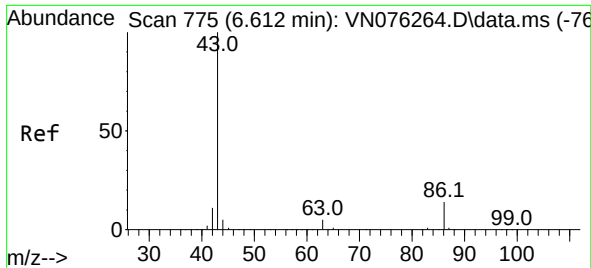


#22
Diisopropyl ether
Concen: 53.118 ug/l
RT: 6.683 min Scan# 787
Delta R.T. -0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06



Tgt Ion: 45 Resp: 546760
Ion Ratio Lower Upper
45 100
43 56.4 44.4 66.6
87 34.4 28.4 42.6
59 13.0 11.1 16.7





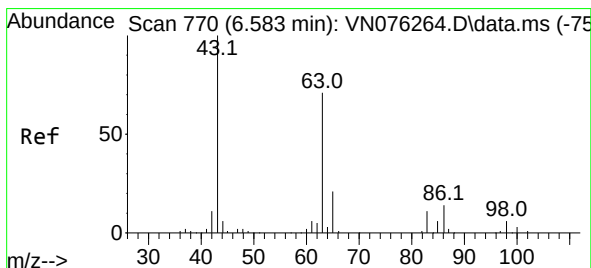
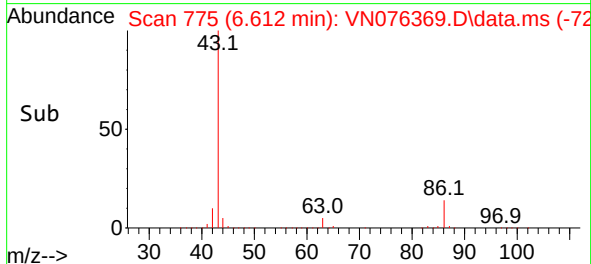
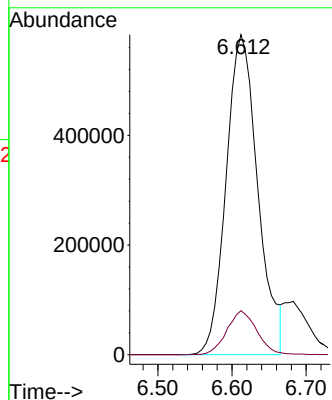
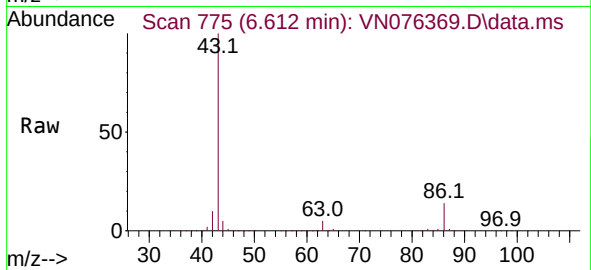
#23
 Vinyl Acetate
 Concen: 261.244 ug/l
 RT: 6.612 min Scan# 715
 Delta R.T. 0.000 min
 Lab File: VN076369.D
 Acq: 23 Jan 2023 17:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 173791
 Ion Ratio Lower Upper
 43 100
 86 13.8 11.2 16.8

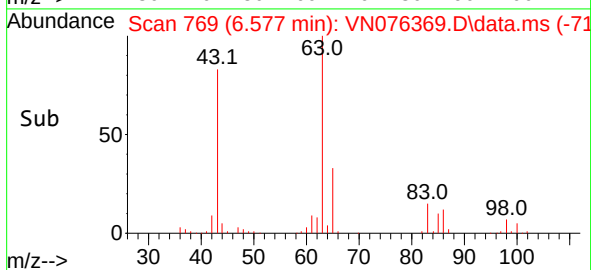
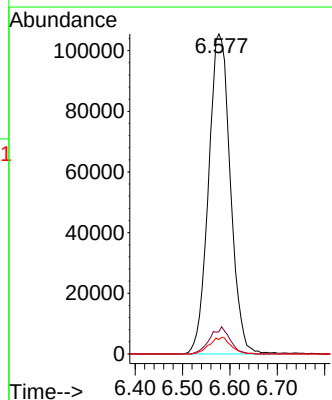
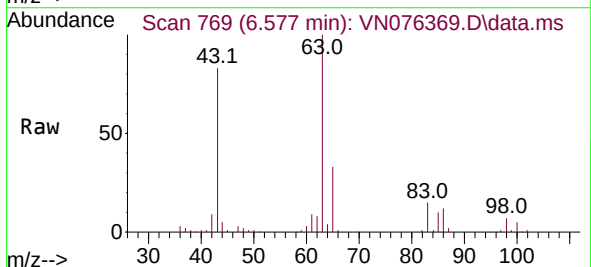
Manual Integrations
 APPROVED

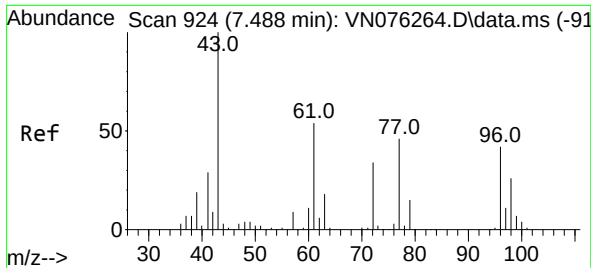
Reviewed By :John Carlone 01/24/2023
 Supervised By :Mahesh Dadoda 01/25/2023



#24
 1,1-Dichloroethane
 Concen: 49.145 ug/l
 RT: 6.577 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VN076369.D
 Acq: 23 Jan 2023 17:06

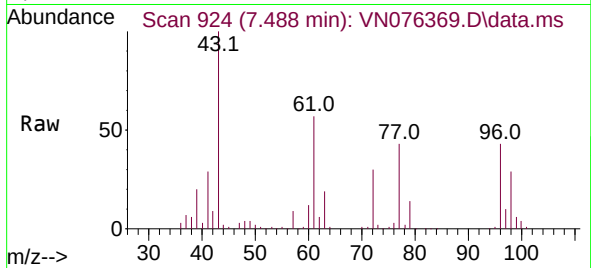
Tgt Ion: 63 Resp: 337198
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.9 11.7
 100 4.5 2.2 6.6





#25
2-Butanone
Concen: 235.423 ug/l
RT: 7.488 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

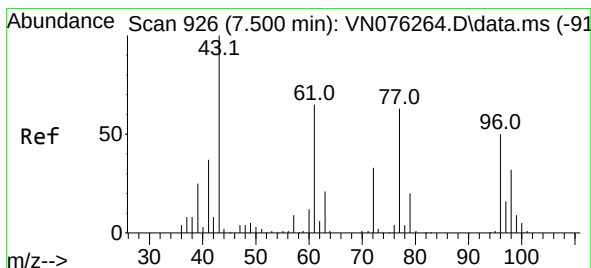
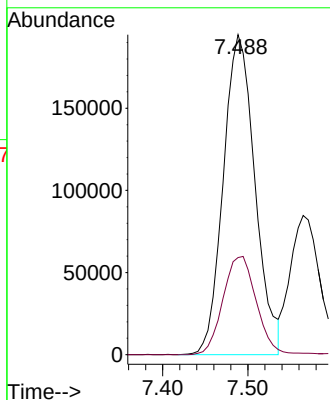
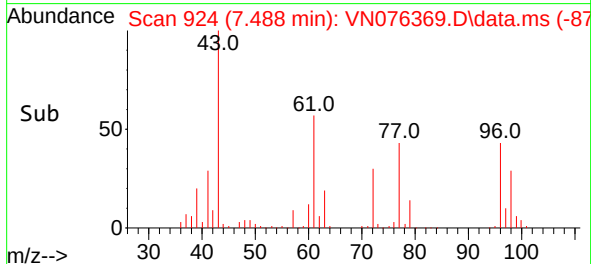
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 504680
Ion Ratio Lower Upper
43 100
72 30.4 27.4 41.2

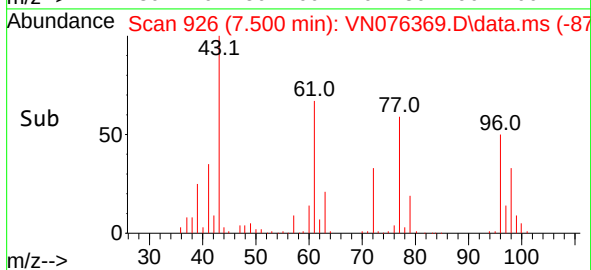
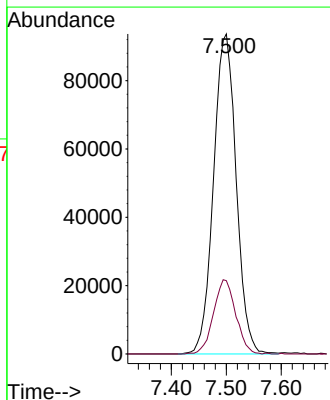
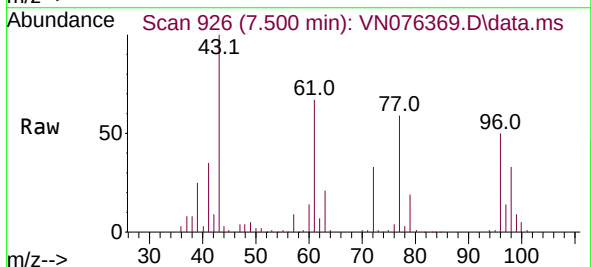
Manual Integrations
APPROVED

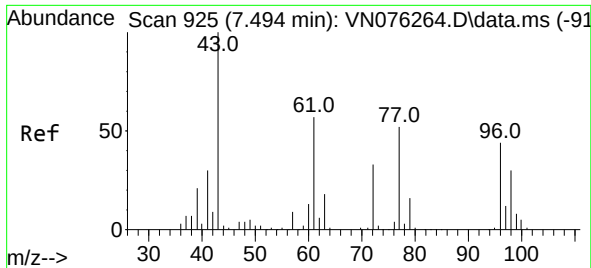
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023



#26
2,2-Dichloropropane
Concen: 46.420 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

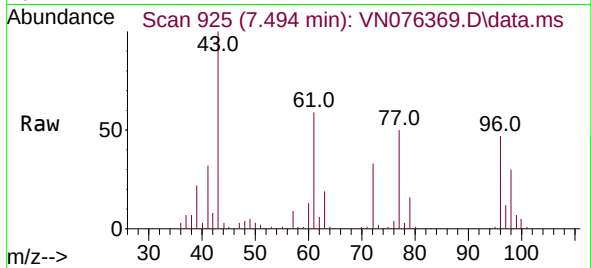
Tgt Ion: 77 Resp: 268438
Ion Ratio Lower Upper
77 100
97 22.7 11.8 35.4





#27
 cis-1,2-Dichloroethene
 Concen: 48.201 ug/l
 RT: 7.494 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VN076369.D
 Acq: 23 Jan 2023 17:06

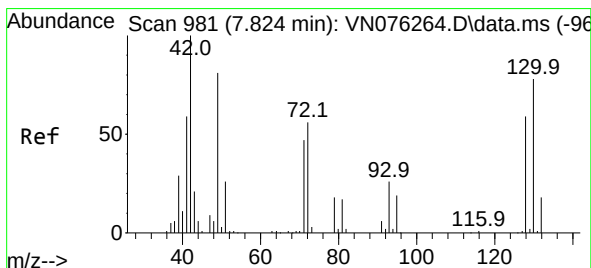
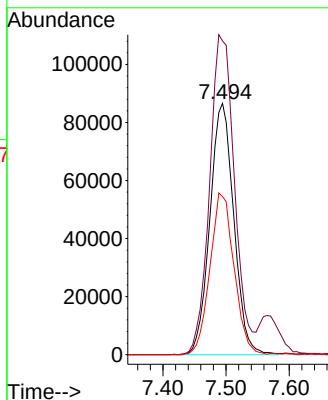
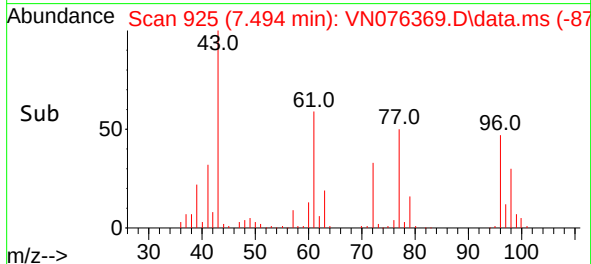
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 228110
 Ion Ratio Lower Upper
 96 100
 61 132.9 0.0 259.6
 98 64.6 0.0 129.4

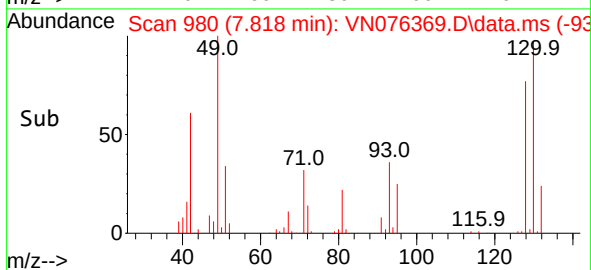
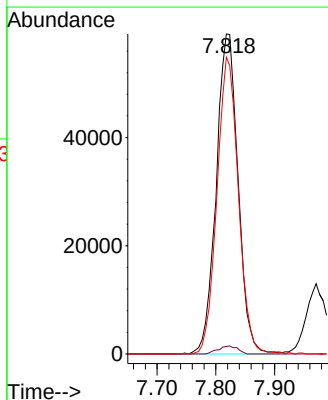
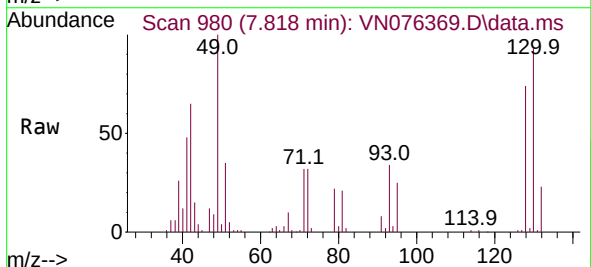
Manual Integrations
 APPROVED

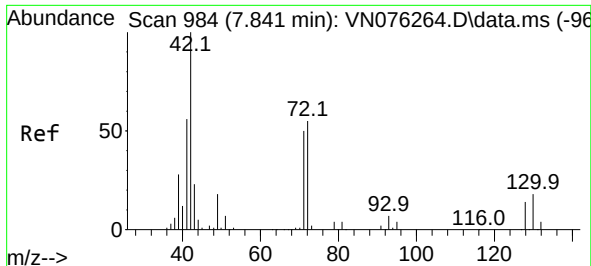
Reviewed By :John Carlone 01/24/2023
 Supervised By :Mahesh Dadoda 01/25/2023



#28
 Bromochloromethane
 Concen: 54.883 ug/l
 RT: 7.818 min Scan# 980
 Delta R.T. -0.006 min
 Lab File: VN076369.D
 Acq: 23 Jan 2023 17:06

Tgt Ion: 49 Resp: 152631
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 5.2
 130 90.9 76.0 114.0





#29

Tetrahydrofuran

Concen: 250.303 ug/l

RT: 7.841 min Scan# 984

Delta R.T. 0.000 min

Lab File: VN076369.D

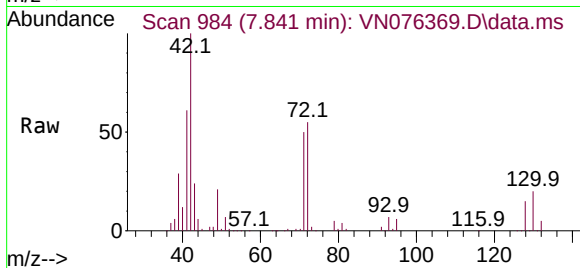
Acq: 23 Jan 2023 17:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



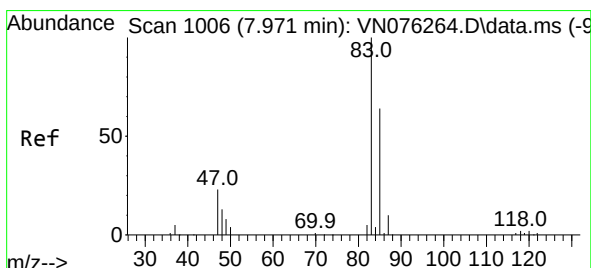
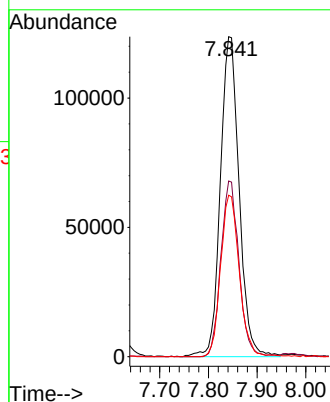
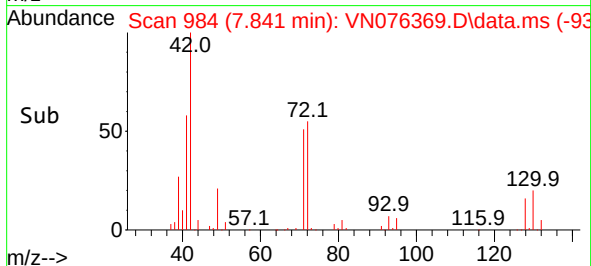
Tgt Ion:	42	Resp:	331168
Ion Ratio	Lower	Upper	
42	100		
72	52.8	44.0	66.0
71	50.3	41.1	61.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/25/2023



#30

Chloroform

Concen: 49.643 ug/l

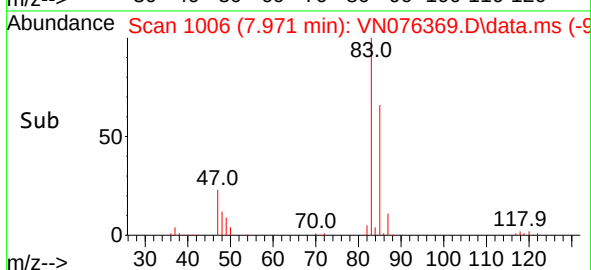
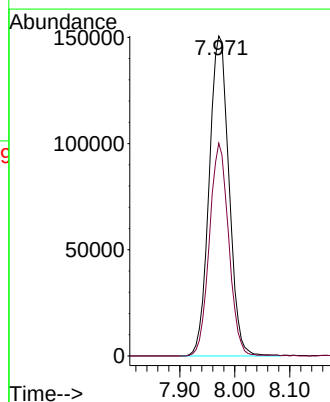
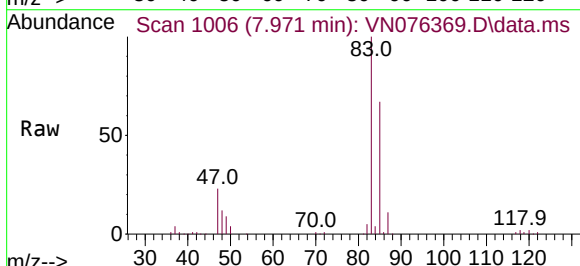
RT: 7.971 min Scan# 1006

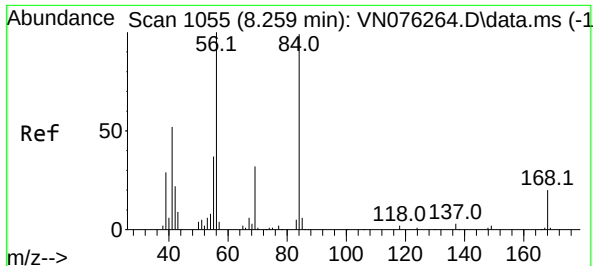
Delta R.T. -0.000 min

Lab File: VN076369.D

Acq: 23 Jan 2023 17:06

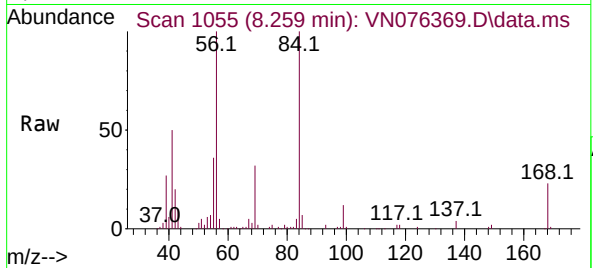
Tgt Ion:	83	Resp:	376890
Ion Ratio	Lower	Upper	
83	100		
85	66.5	51.0	76.6





#31
Cyclohexane
Concen: 40.671 ug/l
RT: 8.259 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

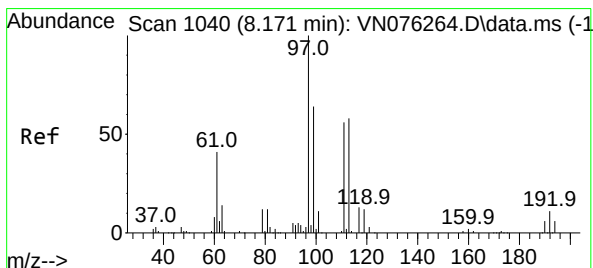
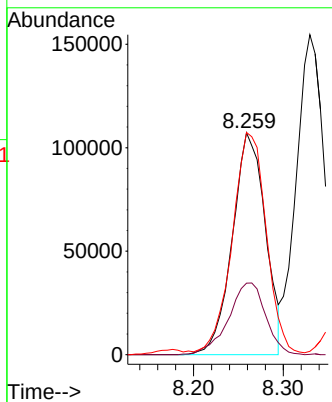
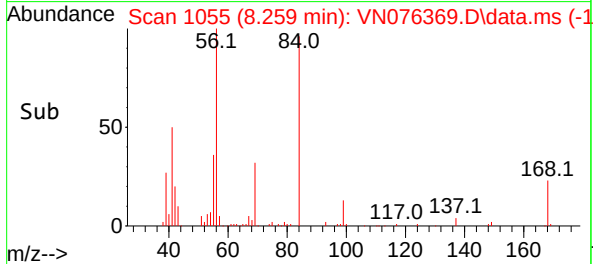
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



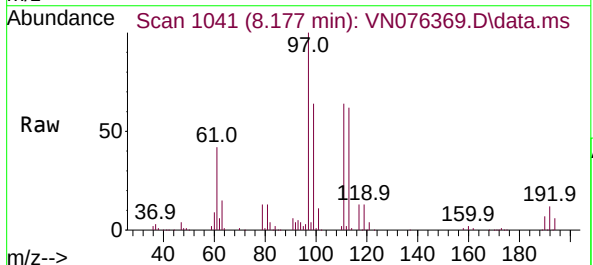
Tgt Ion: 56 Resp: 27355
Ion Ratio Lower Upper
56 100
69 32.2 25.8 38.8
84 98.2 79.0 118.4

Manual Integrations
APPROVED

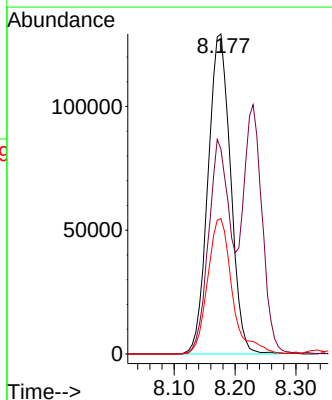
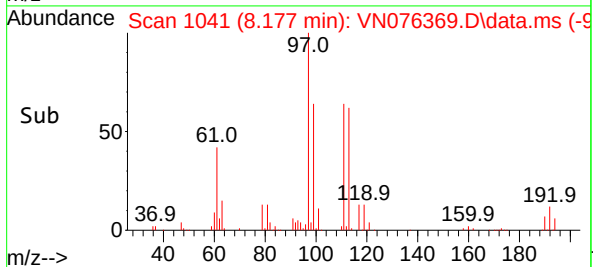
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023

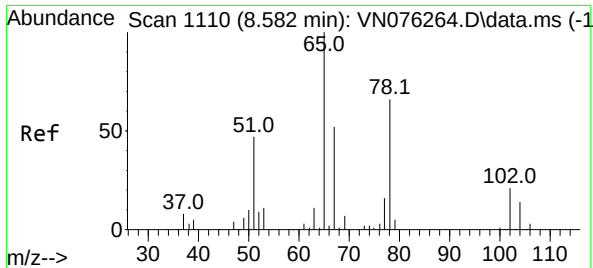


#32
1,1,1-Trichloroethane
Concen: 48.009 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06



Tgt Ion: 97 Resp: 332772
Ion Ratio Lower Upper
97 100
99 63.5 55.0 82.4
61 45.9 36.2 54.4





#33

1,2-Dichloroethane-d4

Concen: 53.743 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. 0.000 min

Lab File: VN076369.D

Acq: 23 Jan 2023 17:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 235310

Ion Ratio Lower Upper

65 100

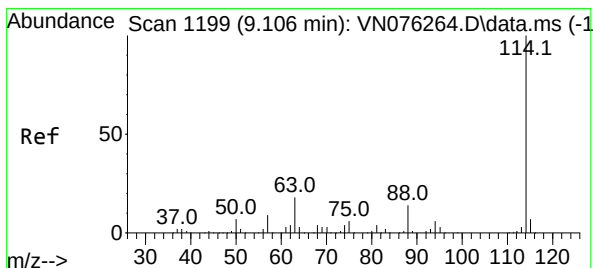
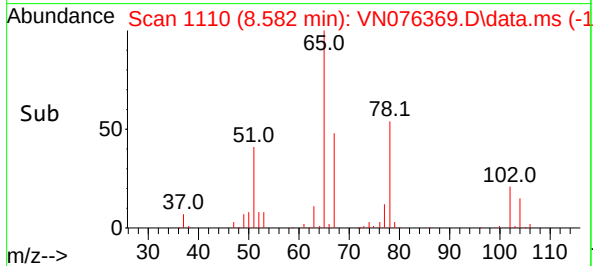
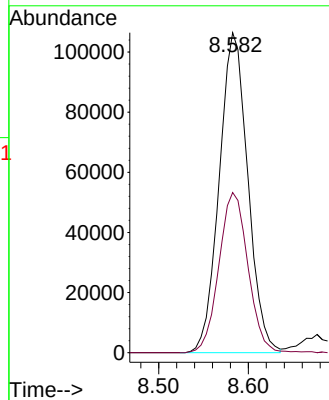
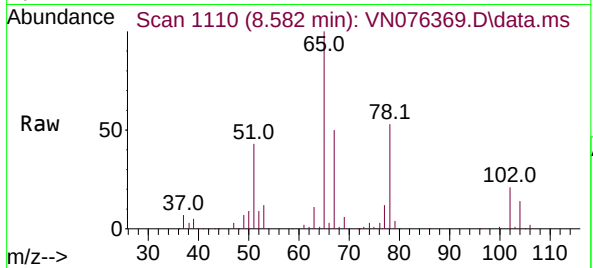
67 51.0 0.0 104.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/25/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076369.D

Acq: 23 Jan 2023 17:06

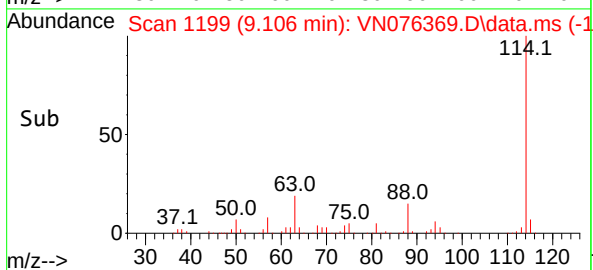
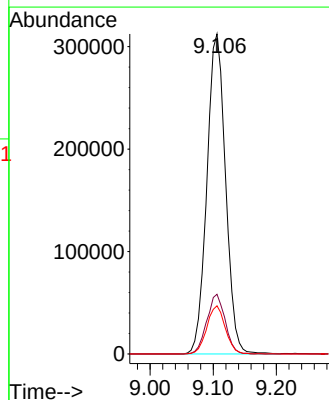
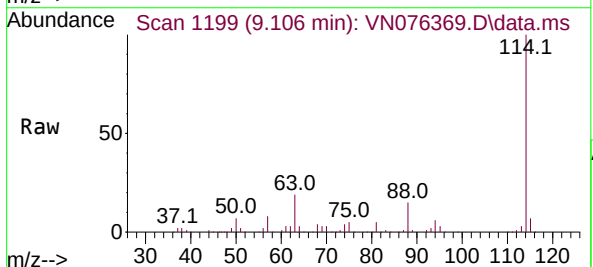
Tgt Ion:114 Resp: 642590

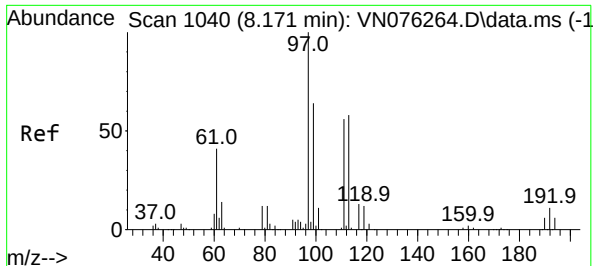
Ion Ratio Lower Upper

114 100

63 18.6 0.0 35.8

88 15.1 0.0 28.0





#35

Dibromofluoromethane

Concen: 50.882 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076369.D

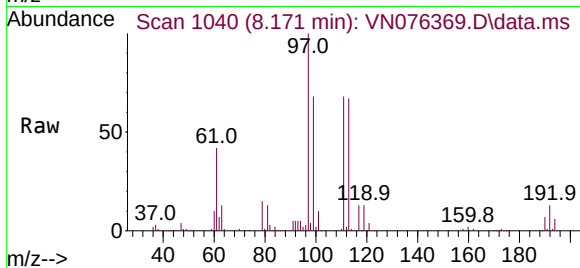
Acq: 23 Jan 2023 17:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



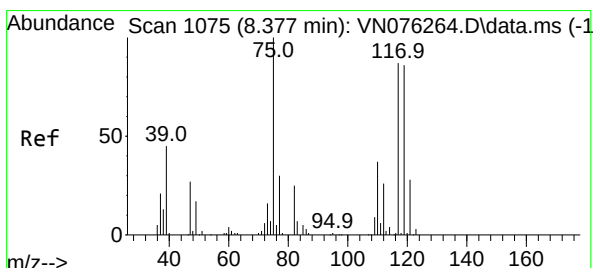
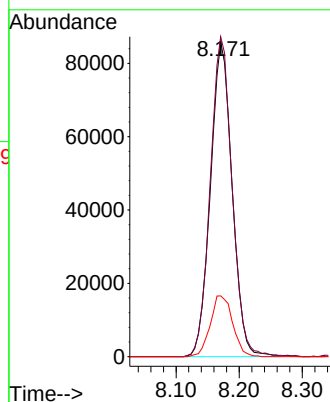
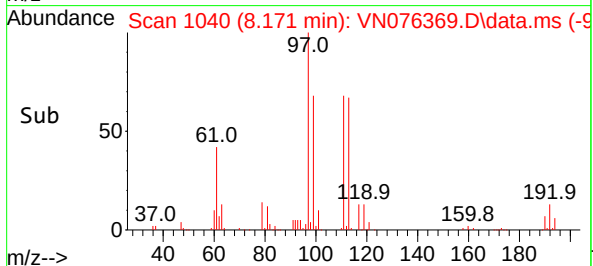
Tgt Ion:	113	Resp:	20452
Ion Ratio	100	Lower	Upper
113	100		
111	102.5	82.7	124.1
192	20.0	15.6	23.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/25/2023



#36

1,1-Dichloropropene

Concen: 45.423 ug/l

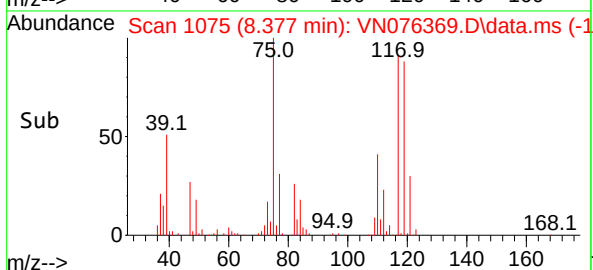
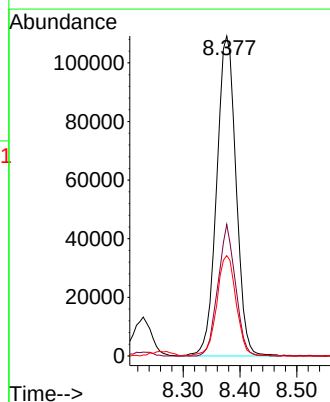
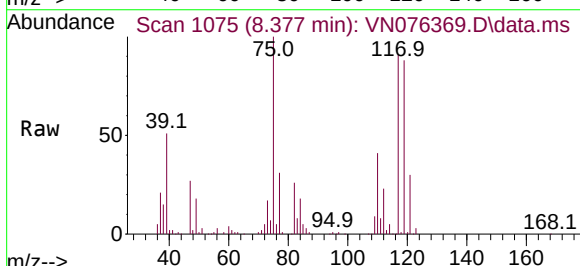
RT: 8.377 min Scan# 1075

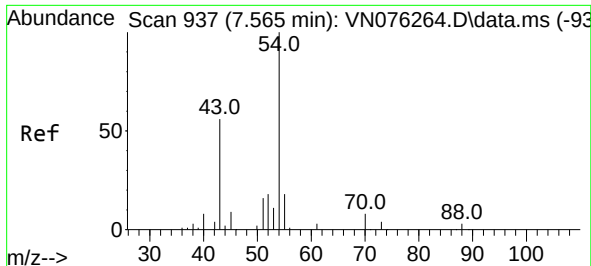
Delta R.T. -0.000 min

Lab File: VN076369.D

Acq: 23 Jan 2023 17:06

Tgt Ion:	75	Resp:	259448
Ion Ratio	100	Lower	Upper
75	100		
110	37.2	18.8	56.3
77	31.3	25.0	37.4





#37

Ethyl Acetate

Concen: 46.666 ug/l

RT: 7.565 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN076369.D

Acq: 23 Jan 2023 17:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 213780

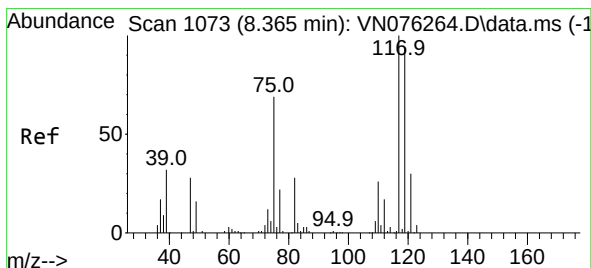
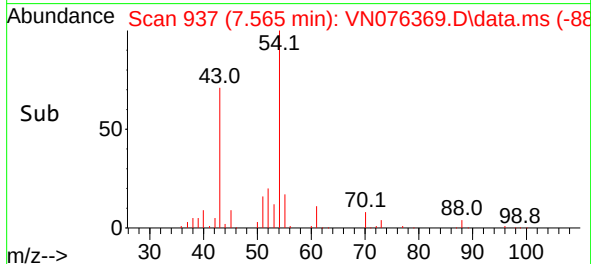
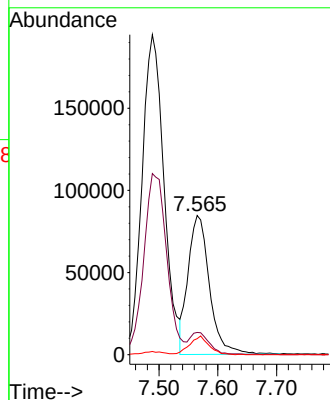
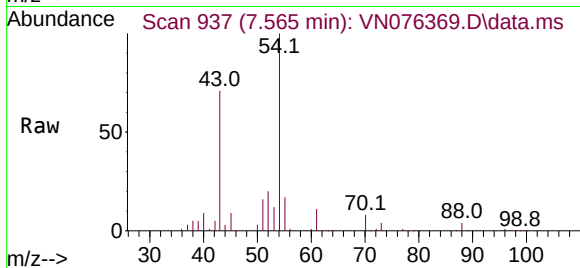
Ion	Ratio	Lower	Upper
43	100		
61	13.9	11.1	16.7
70	12.0	10.0	15.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/25/2023



#38

Carbon Tetrachloride

Concen: 45.951 ug/l

RT: 8.371 min Scan# 1074

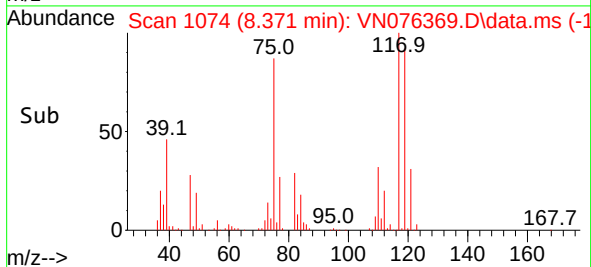
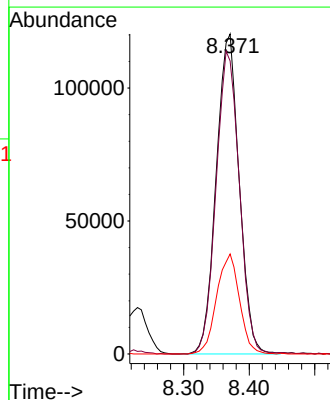
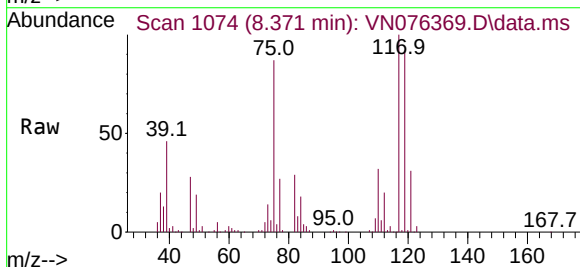
Delta R.T. 0.006 min

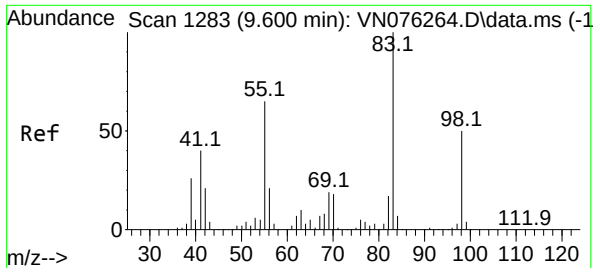
Lab File: VN076369.D

Acq: 23 Jan 2023 17:06

Tgt Ion:117 Resp: 292692

Ion	Ratio	Lower	Upper
117	100		
119	91.6	75.4	113.0
121	31.3	24.2	36.2





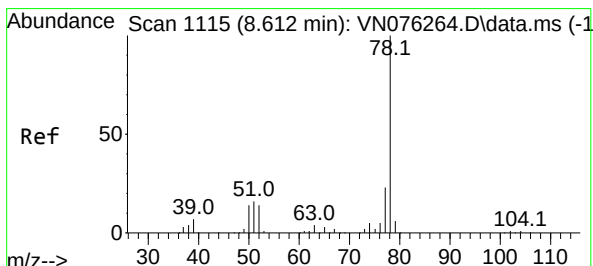
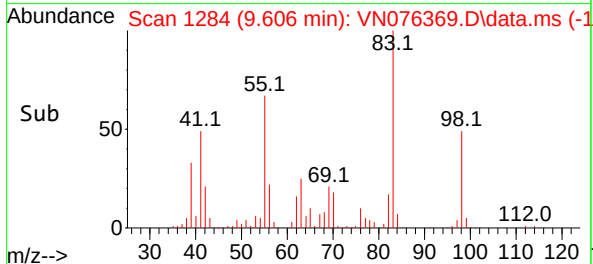
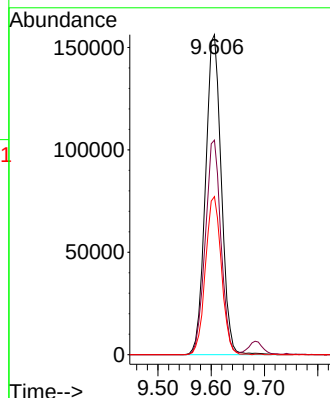
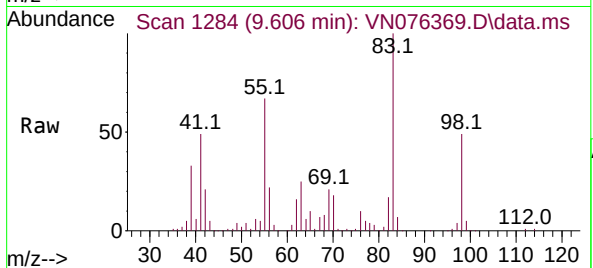
#39
Methylcyclohexane
Concen: 46.240 ug/l
RT: 9.606 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 32253
Ion Ratio Lower Upper
83 100
55 67.1 51.7 77.5
98 49.4 40.0 60.0

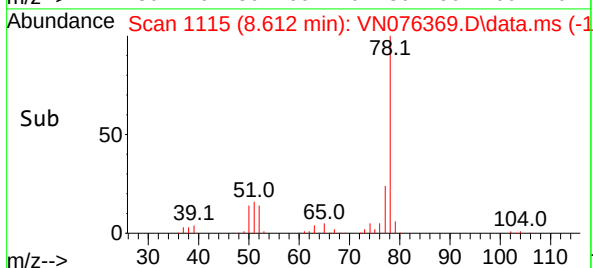
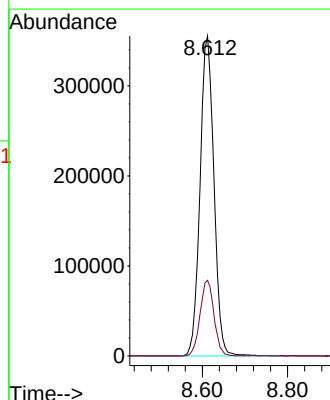
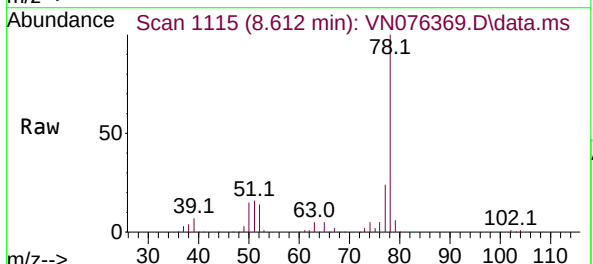
Manual Integrations
APPROVED

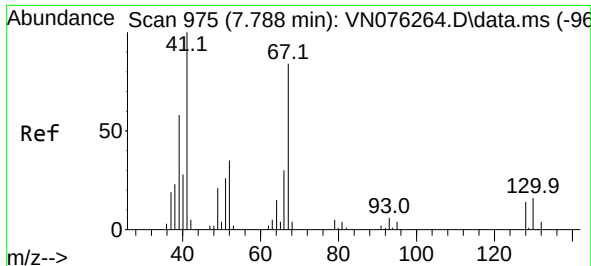
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023



#40
Benzene
Concen: 47.055 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

Tgt Ion: 78 Resp: 803662
Ion Ratio Lower Upper
78 100
77 23.7 18.6 28.0





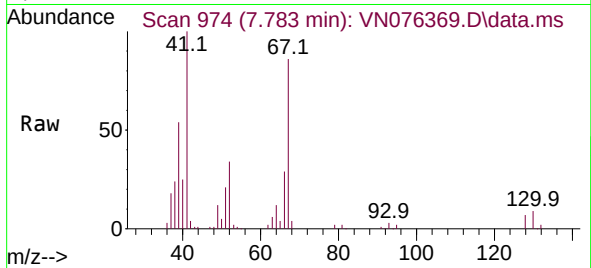
#41
Methacrylonitrile
Concen: 50.176 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.005 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

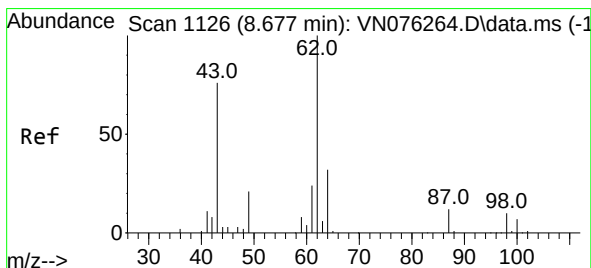
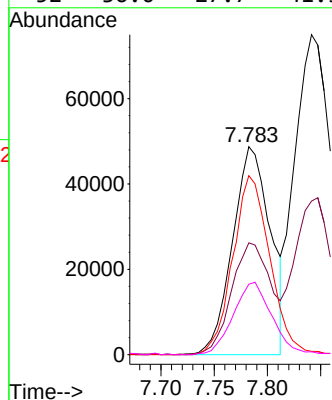
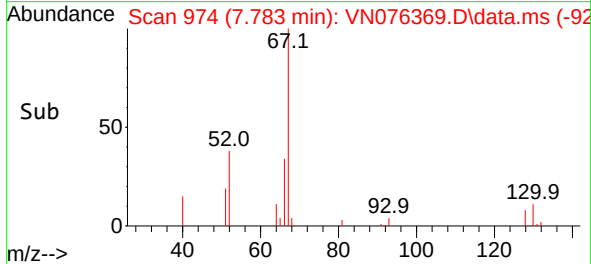


Tgt Ion: 41 Resp: 120364
Ion Ratio Lower Upper
41 100
39 56.3 42.4 63.6
67 84.7 68.8 103.2
52 36.0 27.7 41.5

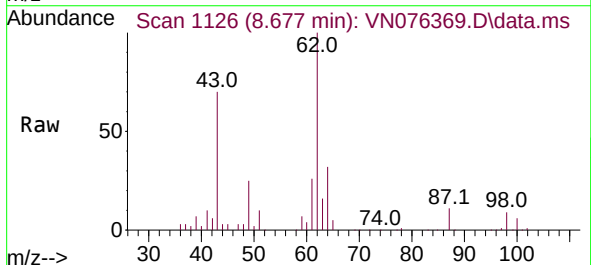
Manual Integrations

APPROVED

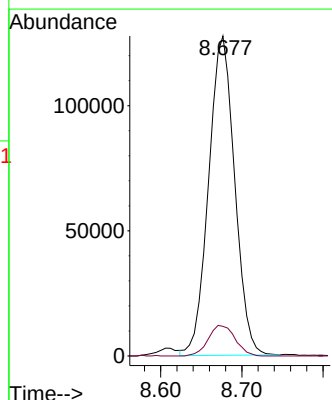
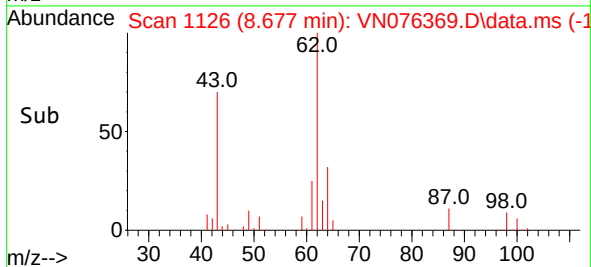
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023

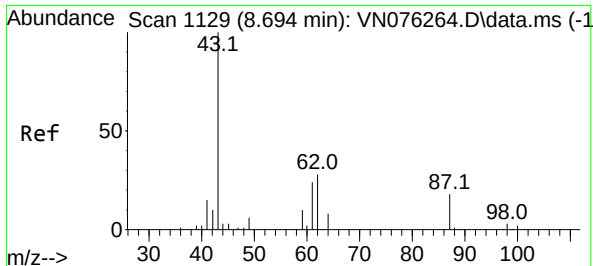


#42
1,2-Dichloroethane
Concen: 48.724 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06



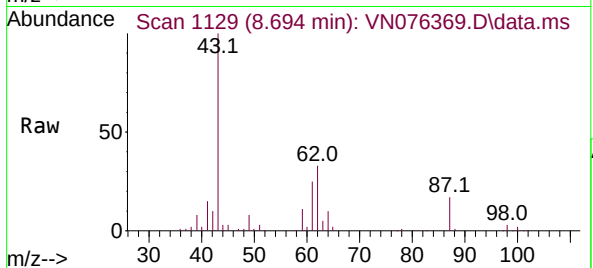
Tgt Ion: 62 Resp: 284726
Ion Ratio Lower Upper
62 100
98 9.9 0.0 20.4





#43
Isopropyl Acetate
Concen: 49.306 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

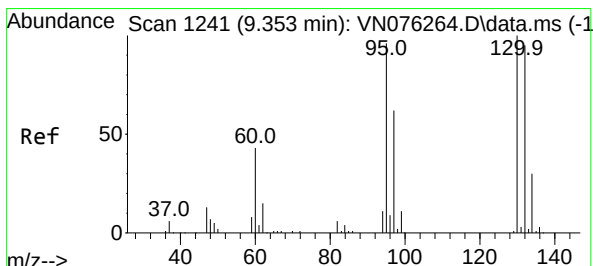
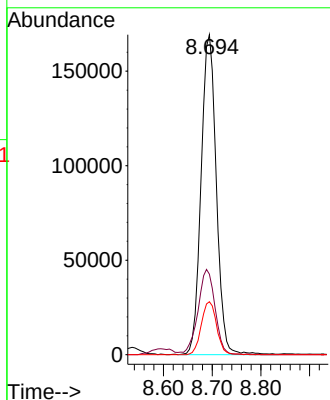
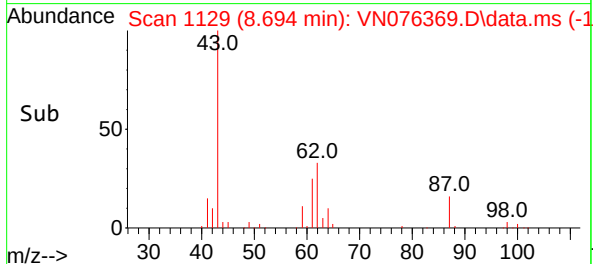
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



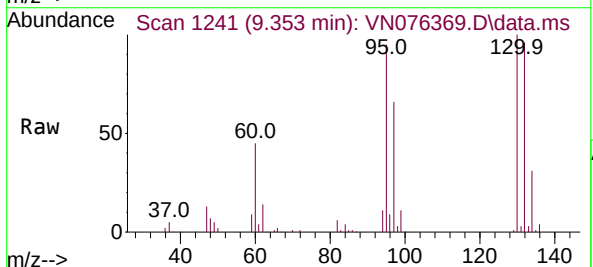
Tgt Ion: 43 Resp: 36748
Ion Ratio Lower Upper
43 100
61 29.7 23.5 35.3
87 16.7 13.8 20.6

Manual Integrations
APPROVED

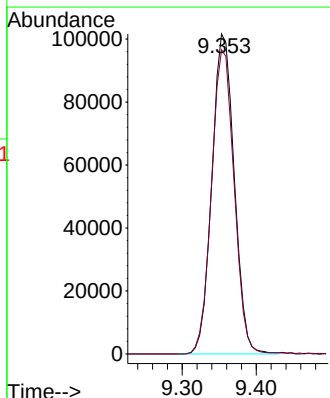
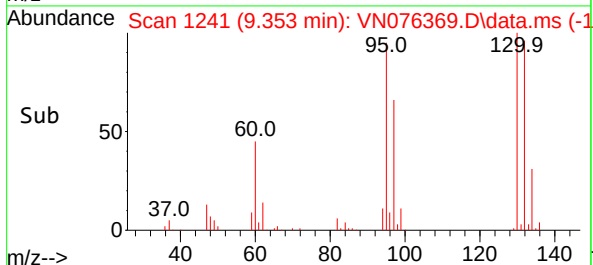
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023

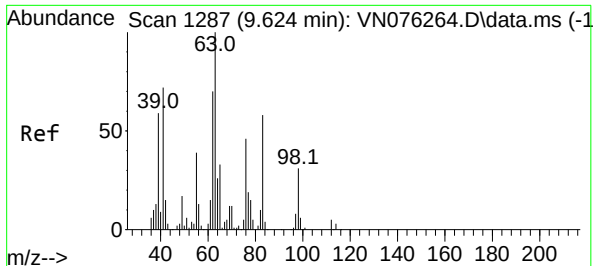


#44
Trichloroethene
Concen: 44.037 ug/l
RT: 9.353 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06



Tgt Ion:130 Resp: 212724
Ion Ratio Lower Upper
130 100
95 95.0 0.0 192.0





#45

1,2-Dichloropropane

Concen: 48.837 ug/l

RT: 9.624 min Scan# 1287

Delta R.T. -0.000 min

Lab File: VN076369.D

Acq: 23 Jan 2023 17:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 199702

Ion Ratio Lower Upper

63 100

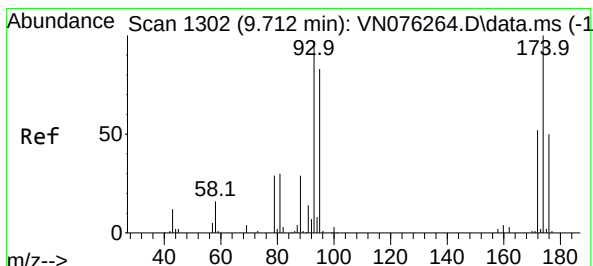
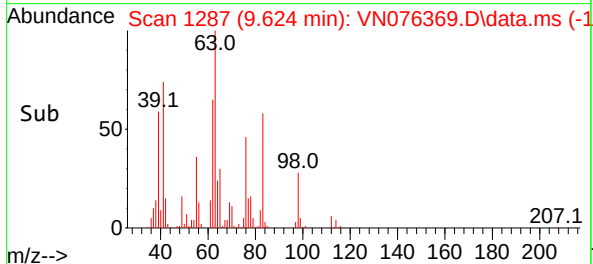
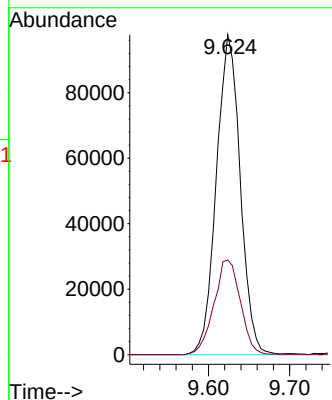
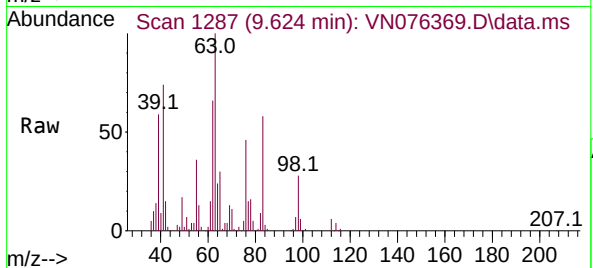
65 29.6 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/25/2023



#46

Dibromomethane

Concen: 46.715 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.000 min

Lab File: VN076369.D

Acq: 23 Jan 2023 17:06

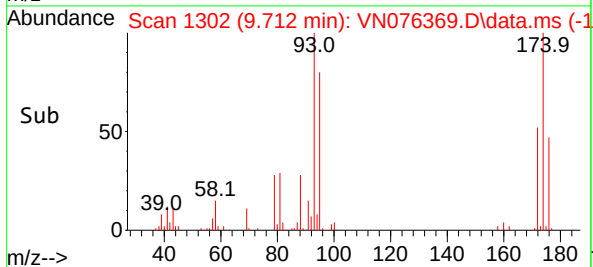
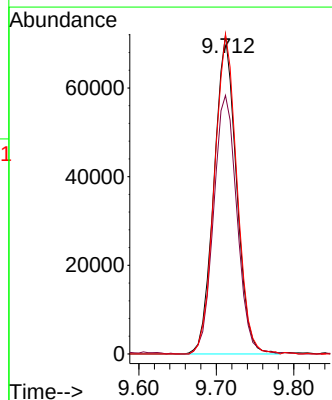
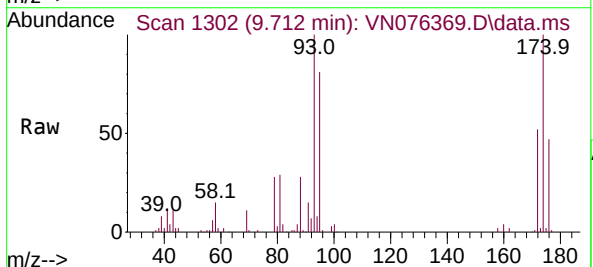
Tgt Ion: 93 Resp: 144225

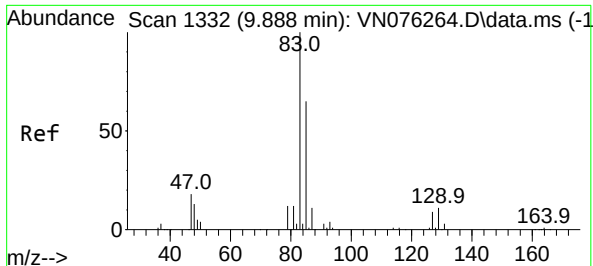
Ion Ratio Lower Upper

93 100

95 84.6 66.0 99.0

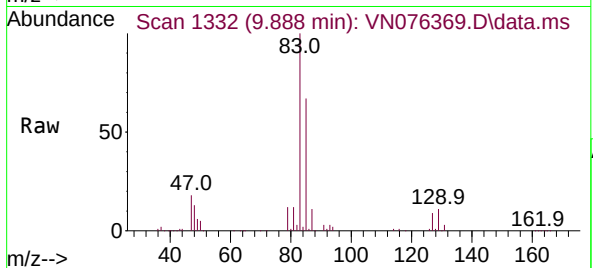
174 100.6 81.3 121.9





#47
Bromodichloromethane
Concen: 50.378 ug/l
RT: 9.888 min Scan# 1332
Delta R.T. 0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

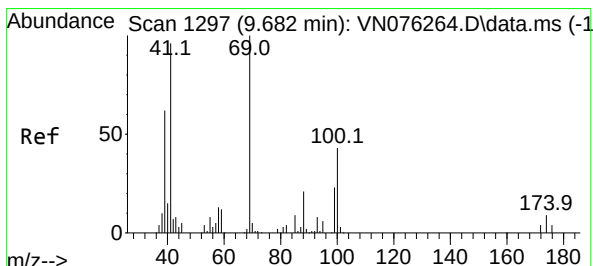
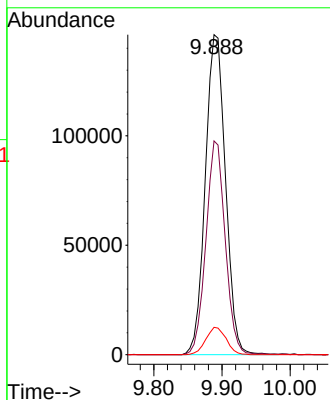
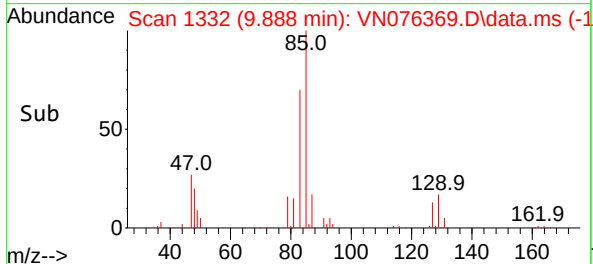
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



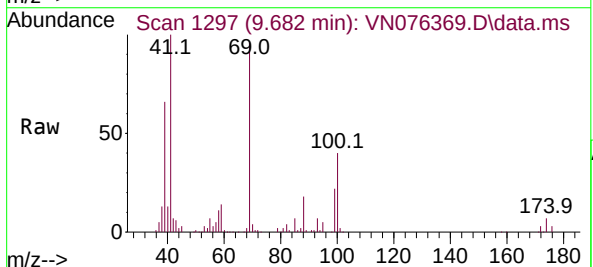
Tgt Ion: 83 Resp: 30166
Ion Ratio Lower Upper
83 100
85 66.8 52.1 78.1
127 8.6 7.4 11.0

Manual Integrations
APPROVED

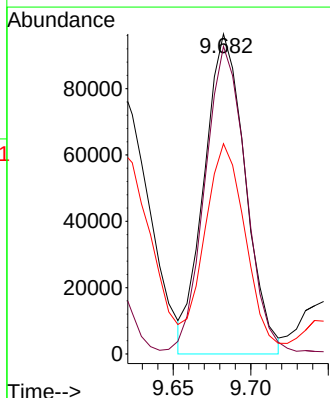
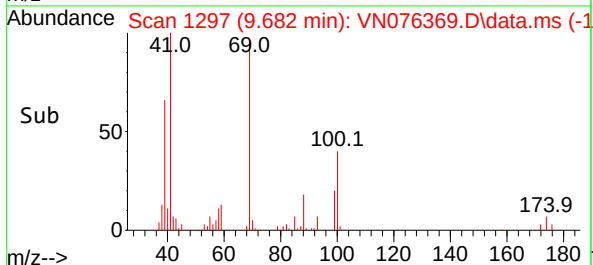
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023

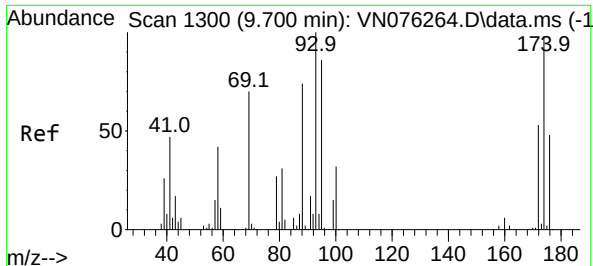


#48
Methyl methacrylate
Concen: 50.433 ug/l
RT: 9.682 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06



Tgt Ion: 41 Resp: 177950
Ion Ratio Lower Upper
41 100
69 97.7 80.8 121.2
39 66.6 54.4 81.6





#49

1,4-Dioxane

Concen: 948.349 ug/l

RT: 9.694 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN076369.D

Acq: 23 Jan 2023 17:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 70600

Ion Ratio Lower Upper

88 100

43 18.9 18.1 27.1

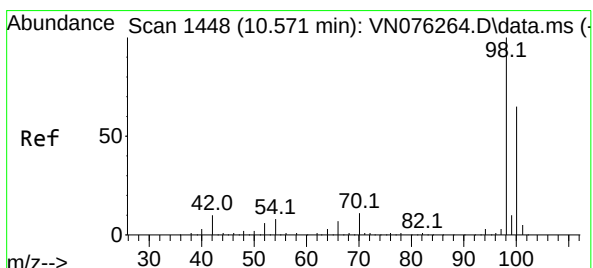
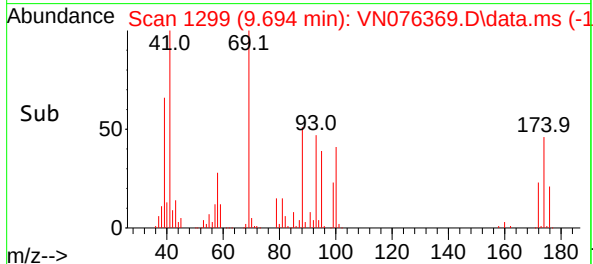
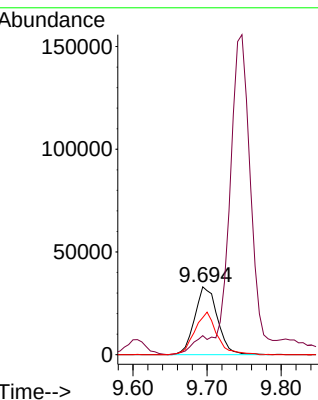
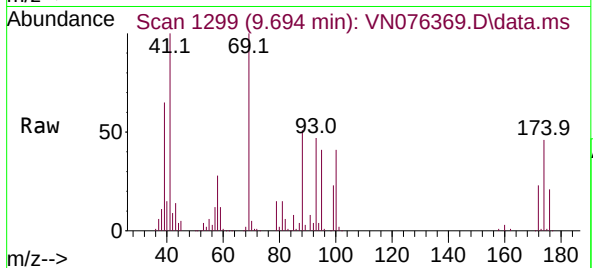
58 61.4 46.5 69.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/25/2023



#50

Toluene-d8

Concen: 50.039 ug/l

RT: 10.571 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076369.D

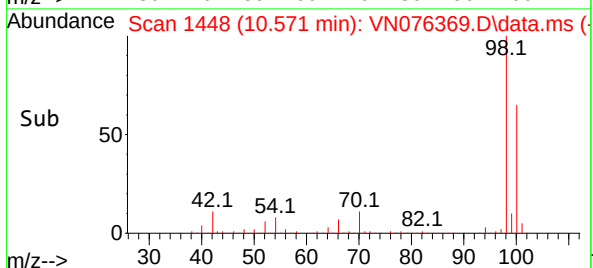
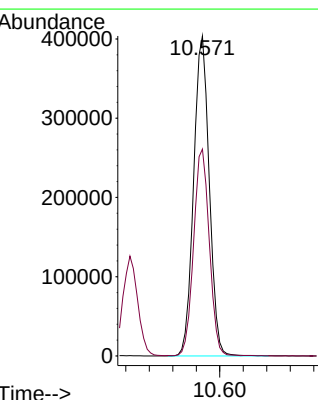
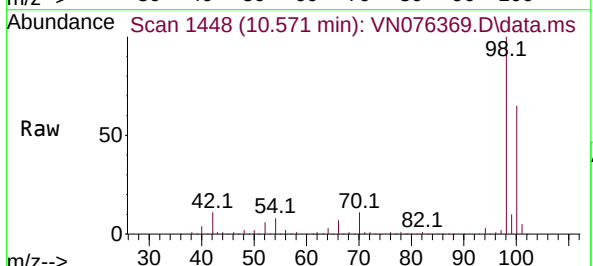
Acq: 23 Jan 2023 17:06

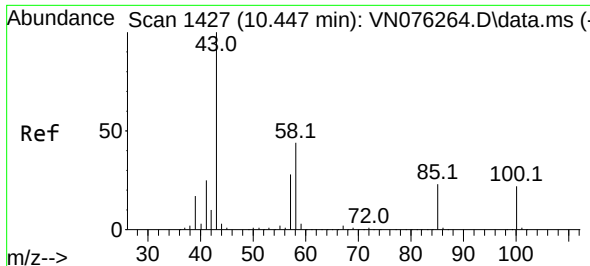
Tgt Ion: 98 Resp: 742830

Ion Ratio Lower Upper

98 100

100 65.1 52.2 78.4





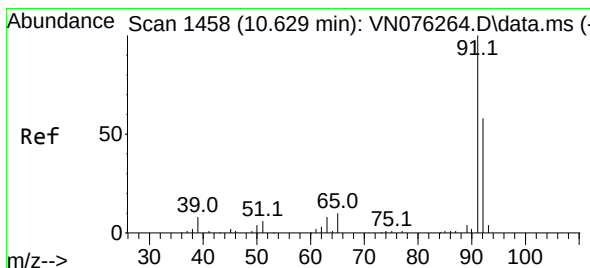
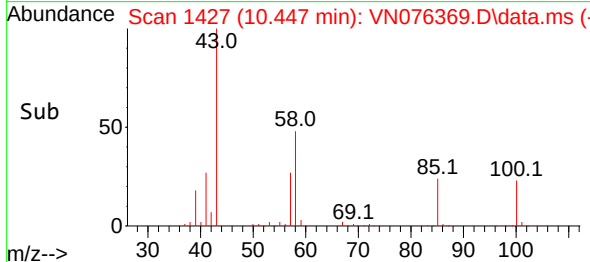
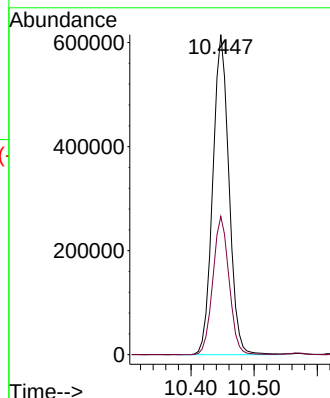
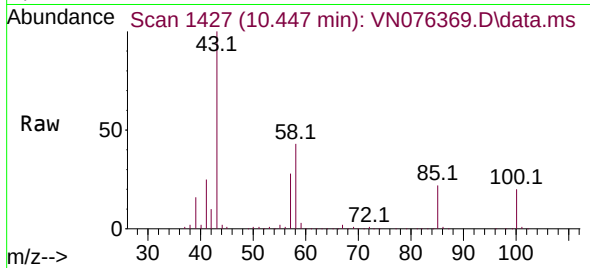
#51
4-Methyl-2-Pentanone
Concen: 249.925 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1093484
Ion Ratio Lower Upper
43 100
58 43.3 35.1 52.7

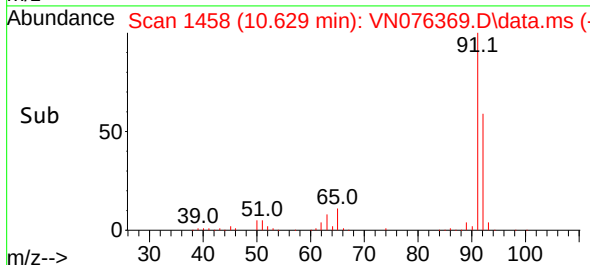
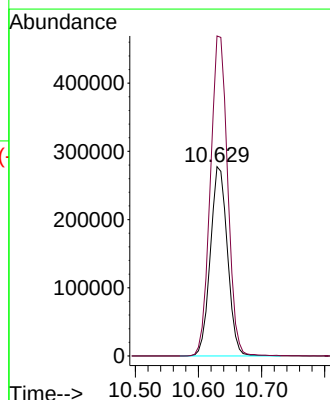
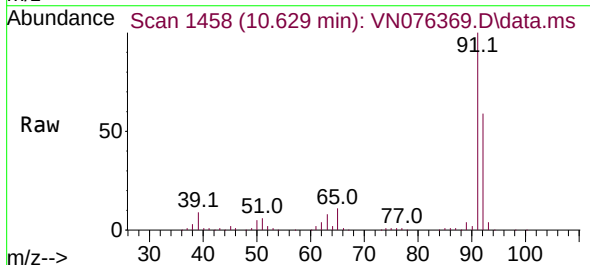
Manual Integrations
APPROVED

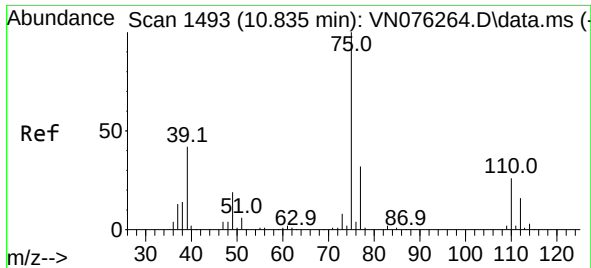
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023



#52
Toluene
Concen: 45.632 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. 0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

Tgt Ion: 92 Resp: 521191
Ion Ratio Lower Upper
92 100
91 171.2 136.6 205.0





#53
t-1,3-Dichloropropene
Concen: 53.332 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. 0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

Instrument :

MSVOA_N

ClientSampleId :

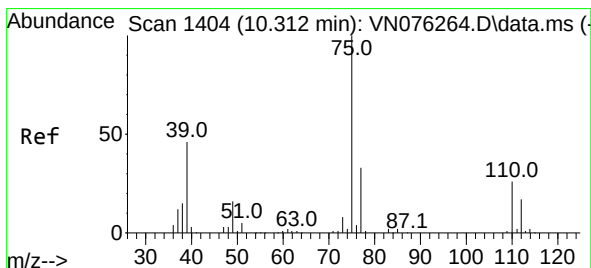
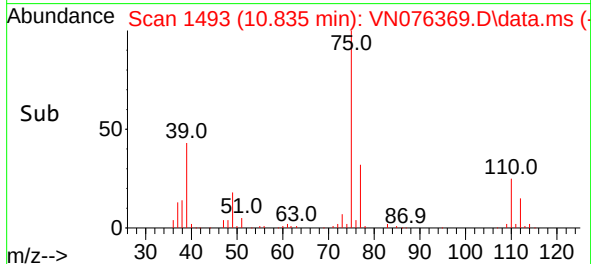
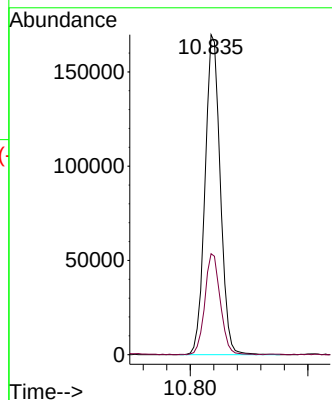
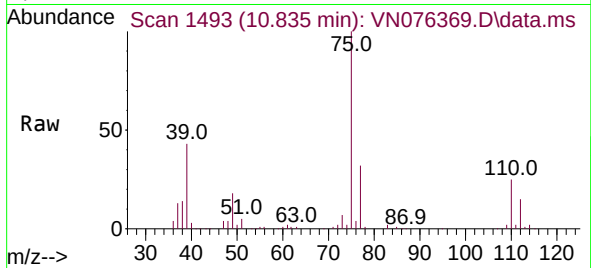
VSTDCCC050EC

Tgt Ion: 75 Resp: 30443
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.6

Manual Integrations

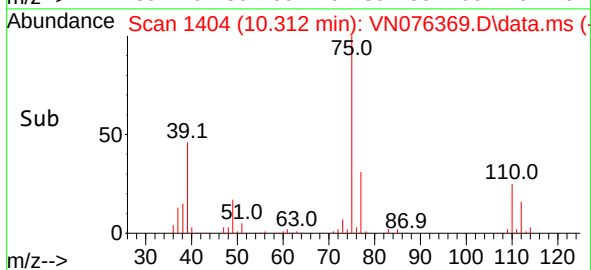
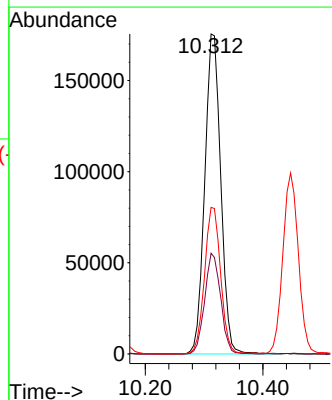
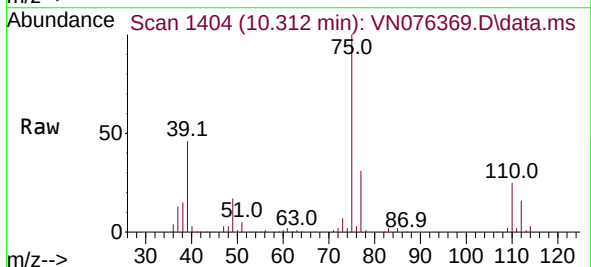
APPROVED

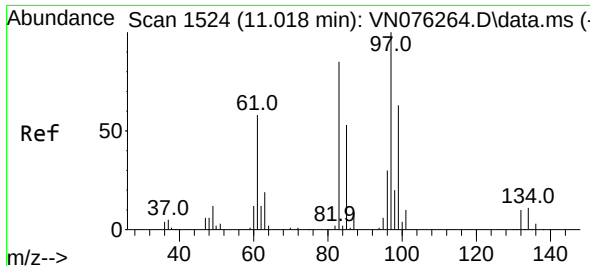
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023



#54
cis-1,3-Dichloropropene
Concen: 50.571 ug/l
RT: 10.312 min Scan# 1404
Delta R.T. -0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

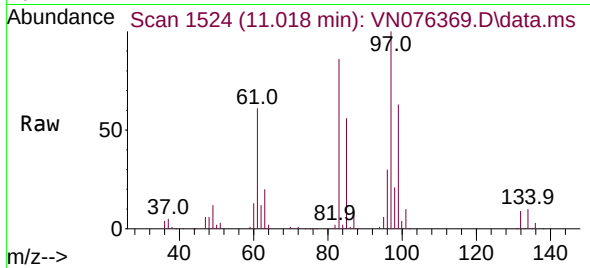
Tgt Ion: 75 Resp: 332106
Ion Ratio Lower Upper
75 100
77 31.4 26.5 39.7
39 45.8 37.1 55.7





#55
1,1,2-Trichloroethane
Concen: 48.103 ug/l
RT: 11.018 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

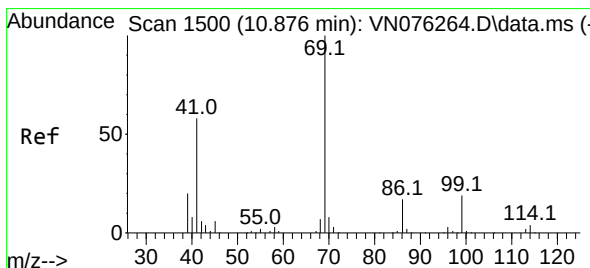
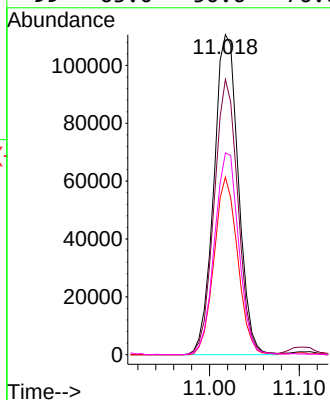
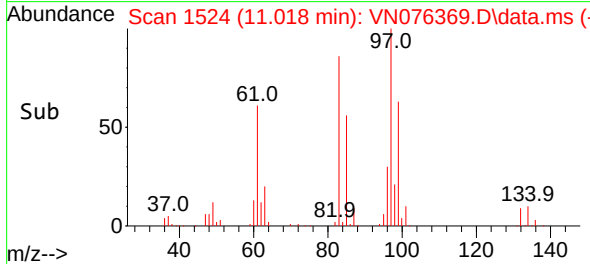
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



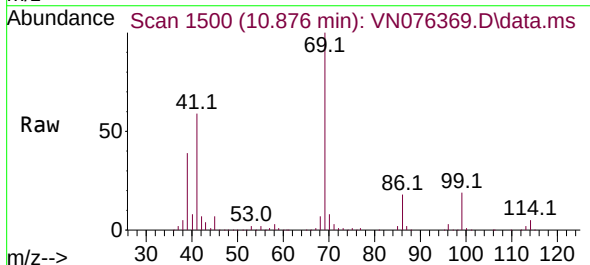
Tgt Ion: 97 Resp: 21000
Ion Ratio Lower Upper
97 100
83 86.0 67.8 101.6
85 55.5 42.3 63.5
99 63.0 50.6 76.0

Manual Integrations
APPROVED

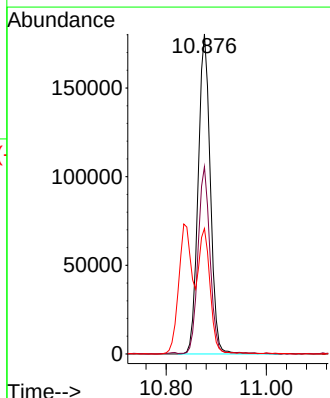
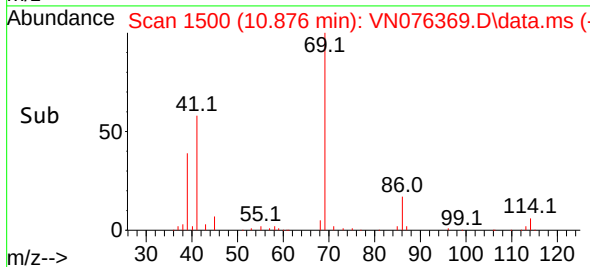
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023

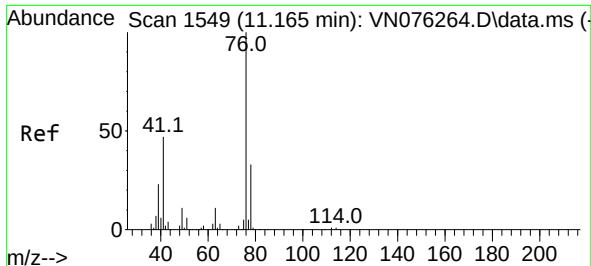


#56
Ethyl methacrylate
Concen: 53.749 ug/l
RT: 10.876 min Scan# 1500
Delta R.T. 0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06



Tgt Ion: 69 Resp: 302945
Ion Ratio Lower Upper
69 100
41 56.9 45.3 67.9
39 35.9 29.3 43.9





#57

1,3-Dichloropropane

Concen: 48.435 ug/l

RT: 11.165 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076369.D

Acq: 23 Jan 2023 17:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 343629

Ion Ratio Lower Upper

76 100

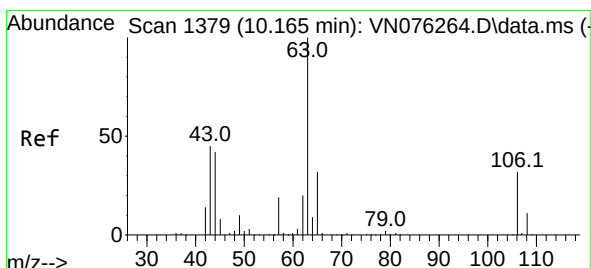
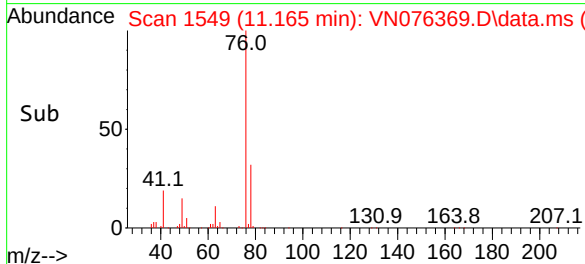
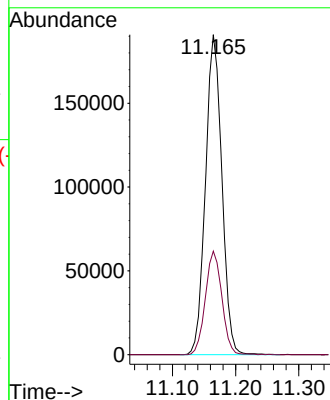
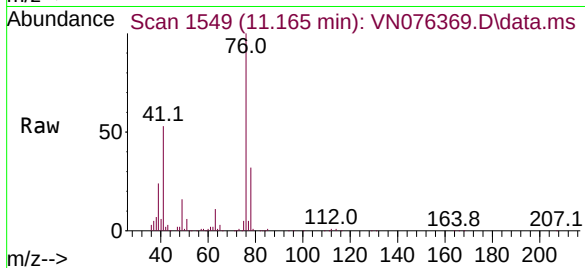
78 32.6 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/25/2023



#58

2-Chloroethyl Vinyl ether

Concen: 247.874 ug/l

RT: 10.159 min Scan# 1378

Delta R.T. -0.006 min

Lab File: VN076369.D

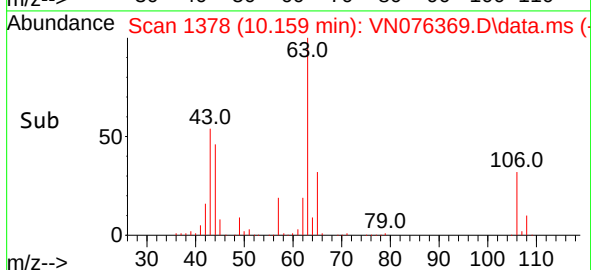
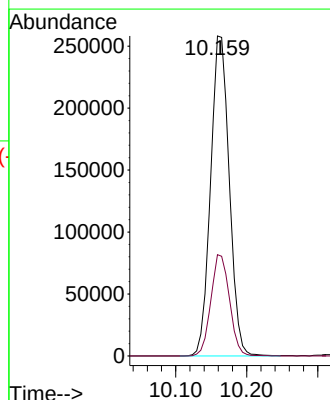
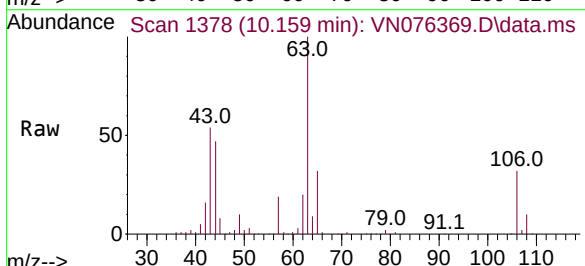
Acq: 23 Jan 2023 17:06

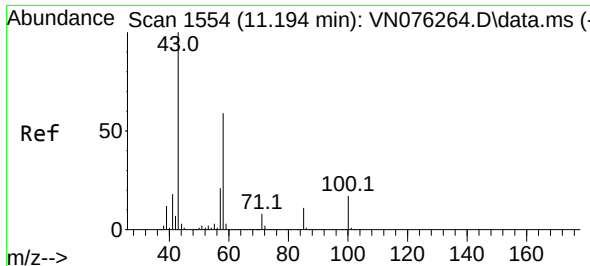
Tgt Ion: 63 Resp: 471644

Ion Ratio Lower Upper

63 100

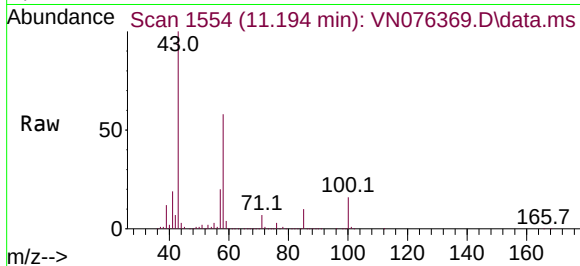
106 31.6 26.2 39.2





#59
2-Hexanone
Concen: 248.142 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. 0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

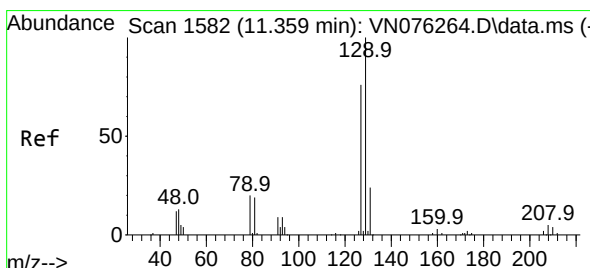
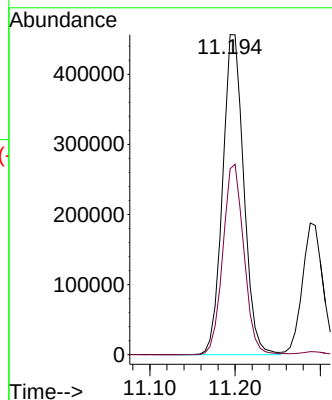
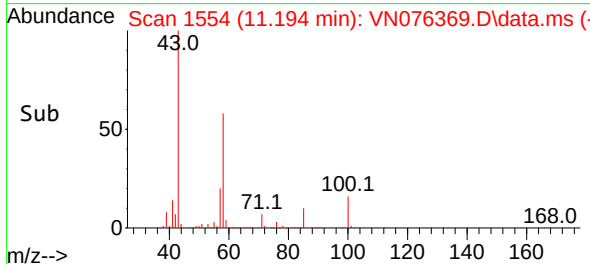
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 78674
Ion Ratio Lower Upper
43 100
58 59.2 30.1 90.3

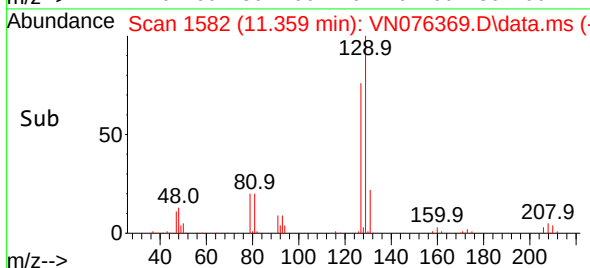
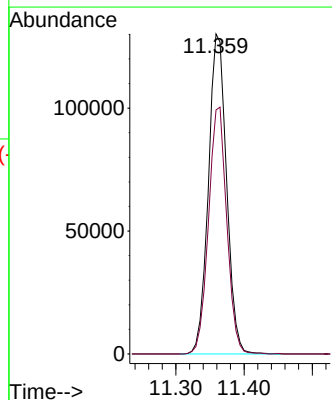
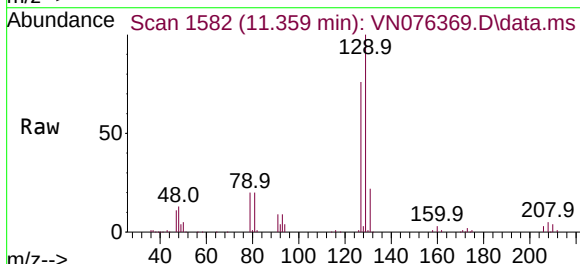
Manual Integrations
APPROVED

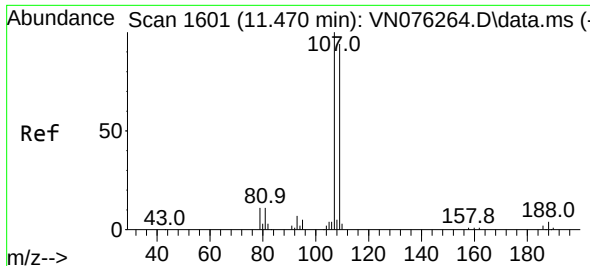
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023



#60
Dibromochloromethane
Concen: 52.491 ug/l
RT: 11.359 min Scan# 1582
Delta R.T. -0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

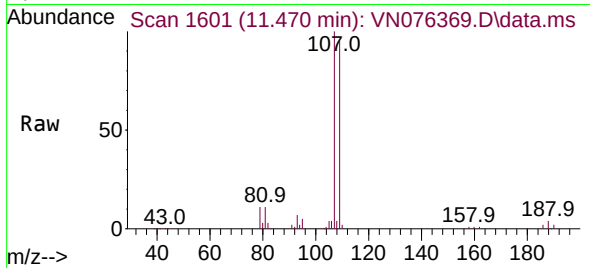
Tgt Ion:129 Resp: 241235
Ion Ratio Lower Upper
129 100
127 77.4 38.7 116.1





#61
1,2-Dibromoethane
Concen: 48.878 ug/l
RT: 11.470 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

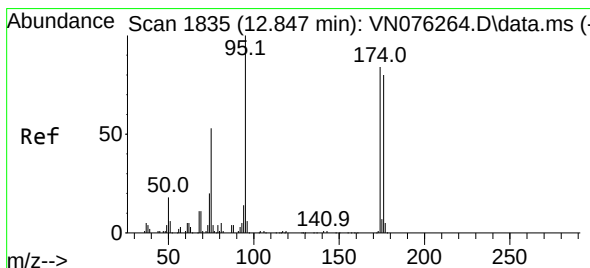
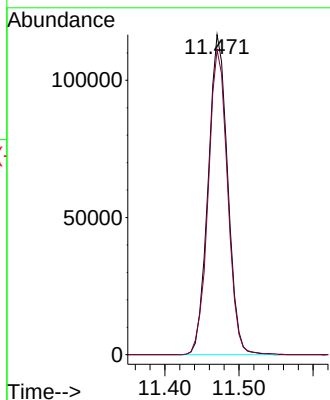
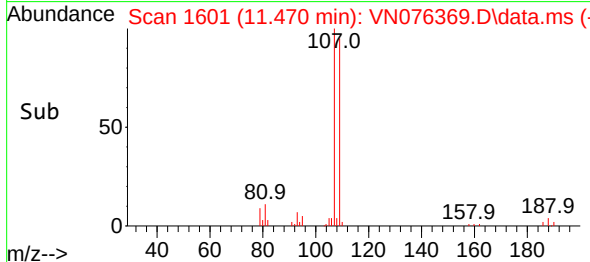
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



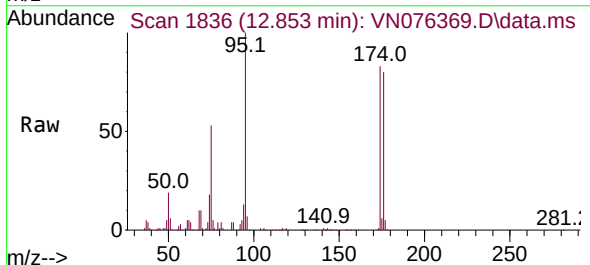
Tgt Ion:107 Resp: 212998
Ion Ratio Lower Upper
107 100
109 94.9 76.0 114.0

Manual Integrations
APPROVED

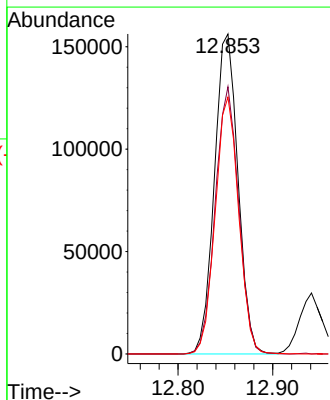
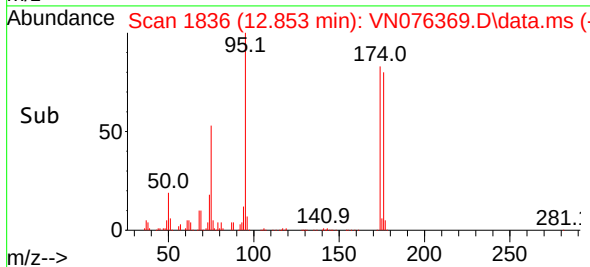
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023

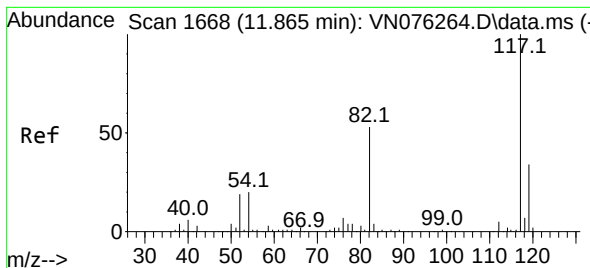


#62
4-Bromofluorobenzene
Concen: 55.908 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06



Tgt Ion: 95 Resp: 270942
Ion Ratio Lower Upper
95 100
174 82.7 0.0 174.6
176 79.7 0.0 167.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1668

Delta R.T. -0.000 min

Lab File: VN076369.D

Acq: 23 Jan 2023 17:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:117 Resp: 574798

Ion Ratio Lower Upper

117 100

82 54.0 42.2 63.2

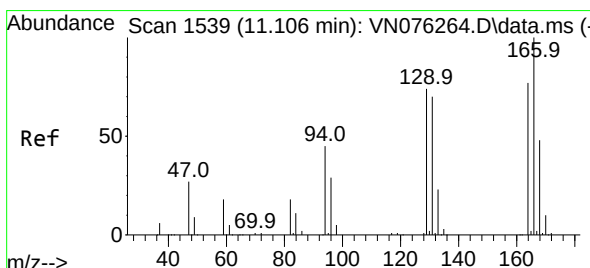
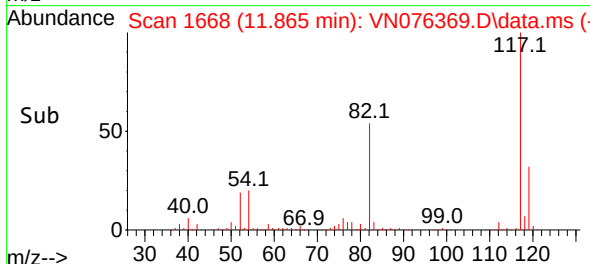
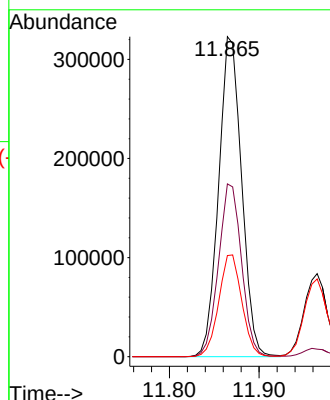
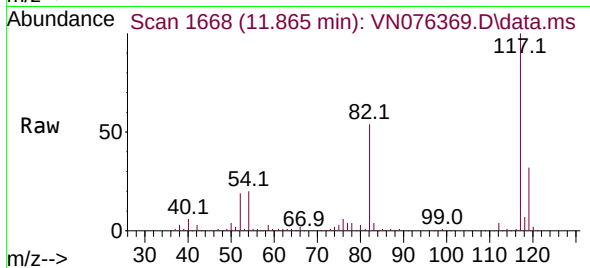
119 31.6 26.9 40.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/25/2023



#64

Tetrachloroethene

Concen: 41.402 ug/l

RT: 11.106 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN076369.D

Acq: 23 Jan 2023 17:06

Tgt Ion:164 Resp: 214611

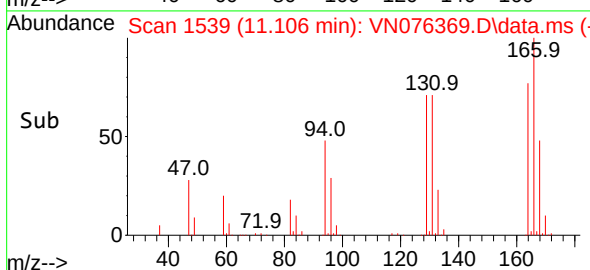
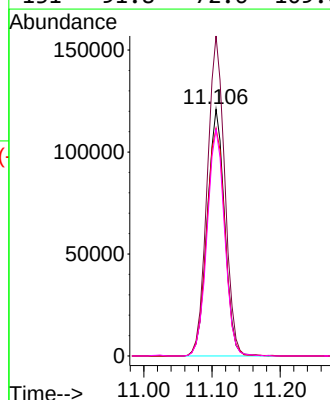
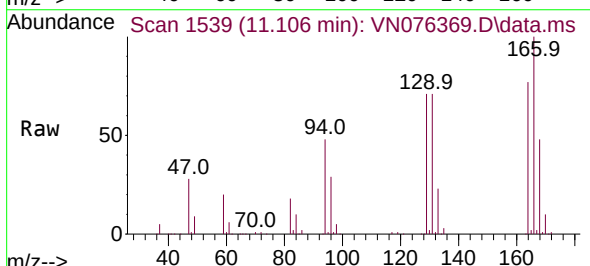
Ion Ratio Lower Upper

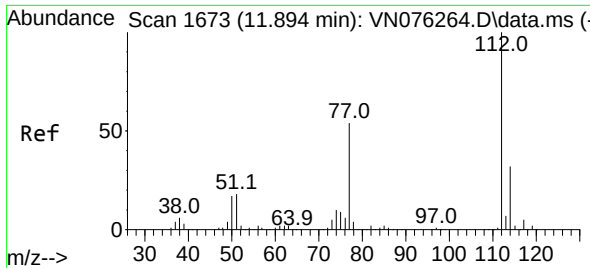
164 100

166 129.7 104.0 156.0

129 92.2 76.6 114.8

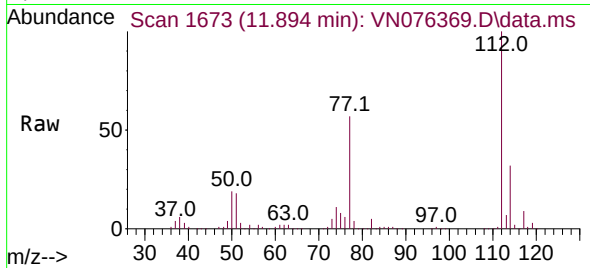
131 91.8 72.6 109.0





#65
Chlorobenzene
Concen: 46.515 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

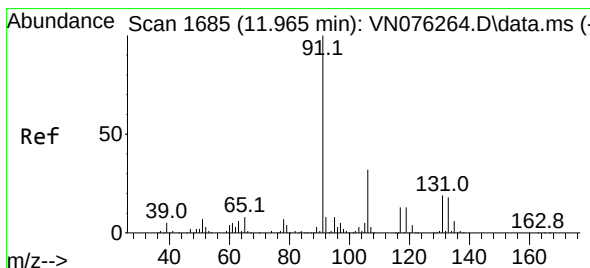
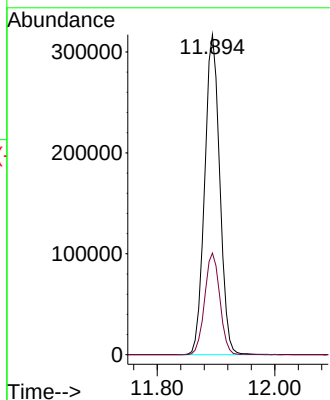
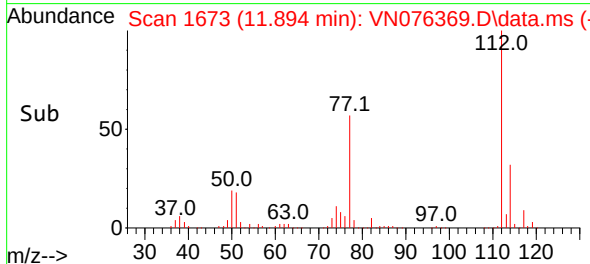
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



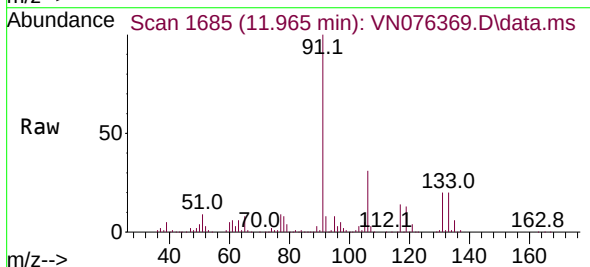
Tgt Ion:112 Resp: 56518
Ion Ratio Lower Upper
112 100
114 31.7 25.3 37.9

Manual Integrations
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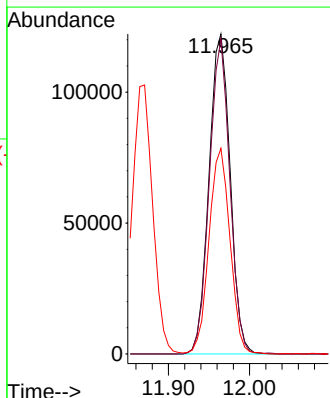
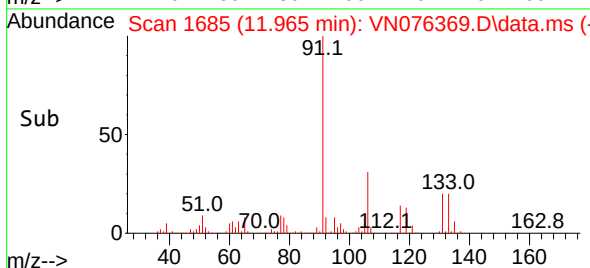
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023

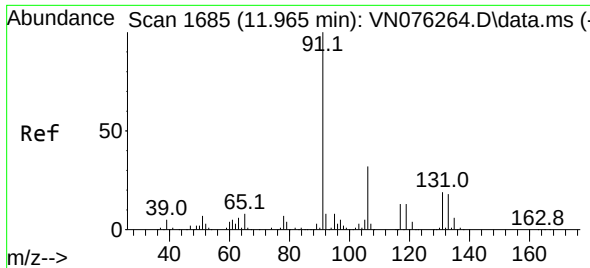


#66
1,1,1,2-Tetrachloroethane
Concen: 48.849 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06



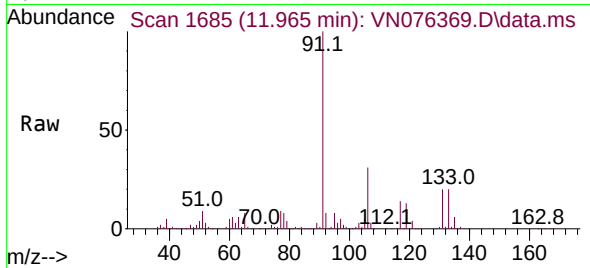
Tgt Ion:131 Resp: 220833
Ion Ratio Lower Upper
131 100
133 95.2 47.4 142.2
119 64.0 32.3 96.8





#67
Ethyl Benzene
Concen: 48.828 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

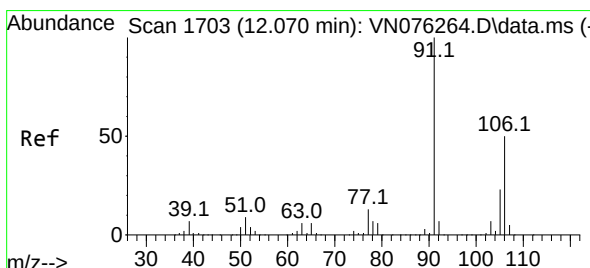
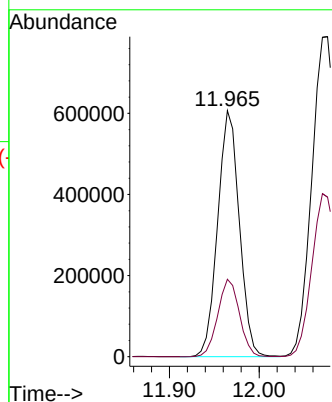
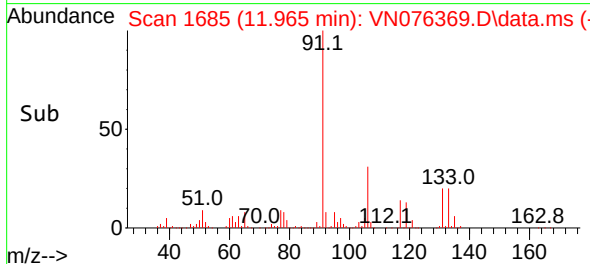
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



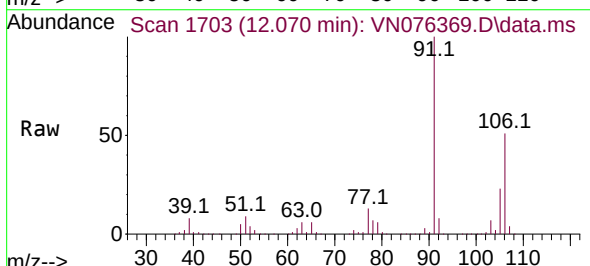
Tgt Ion: 91 Resp: 101538
Ion Ratio Lower Upper
91 100
106 31.5 25.5 38.3

Manual Integrations
APPROVED

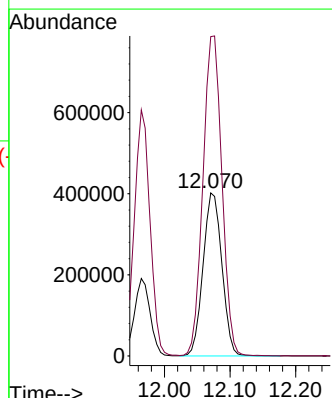
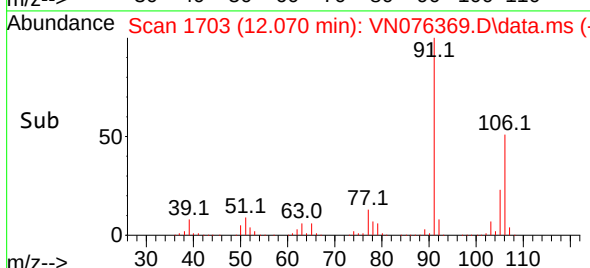
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023

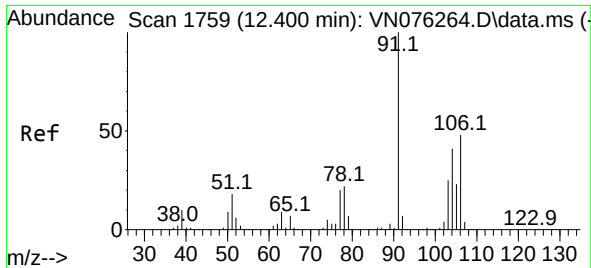


#68
m/p-Xylenes
Concen: 96.428 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06



Tgt Ion:106 Resp: 804076
Ion Ratio Lower Upper
106 100
91 198.1 157.5 236.3





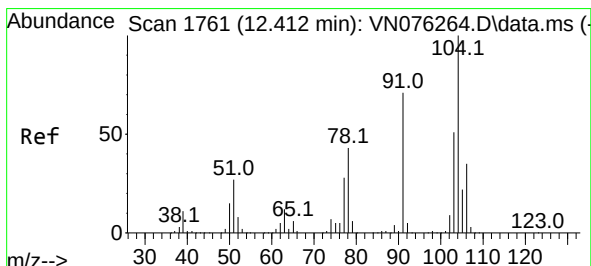
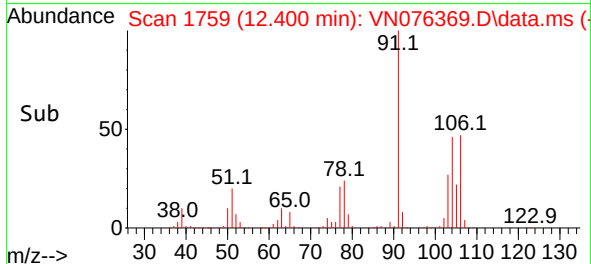
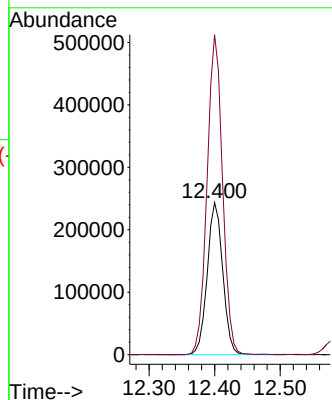
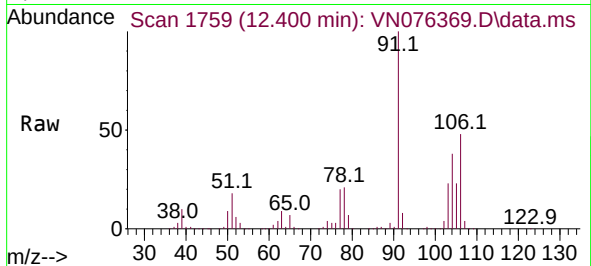
#69
o-Xylene
Concen: 48.936 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 40072
Ion Ratio Lower Upper
106 100
91 209.9 103.2 309.4

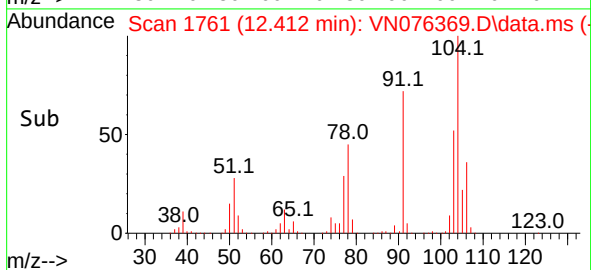
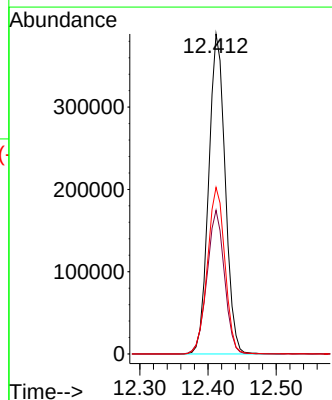
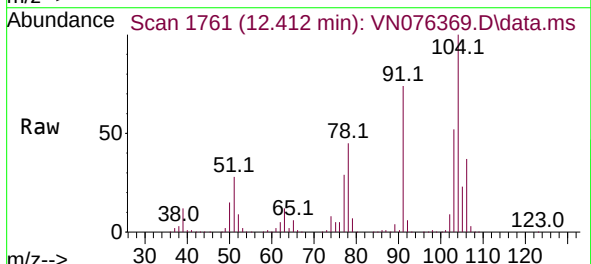
Manual Integrations
APPROVED

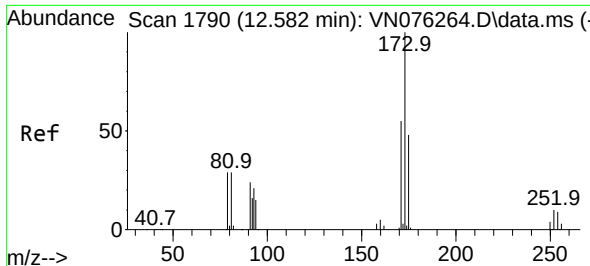
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023



#70
Styrene
Concen: 50.274 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

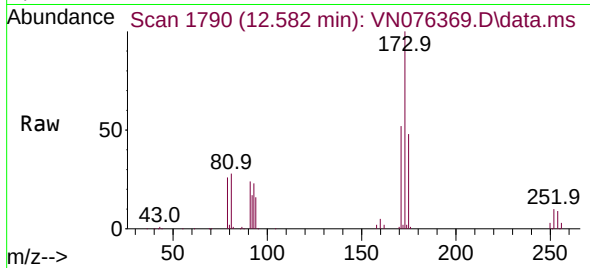
Tgt Ion:104 Resp: 657344
Ion Ratio Lower Upper
104 100
78 47.3 37.4 56.0
103 55.0 44.2 66.2





#71
Bromoform
Concen: 53.793 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

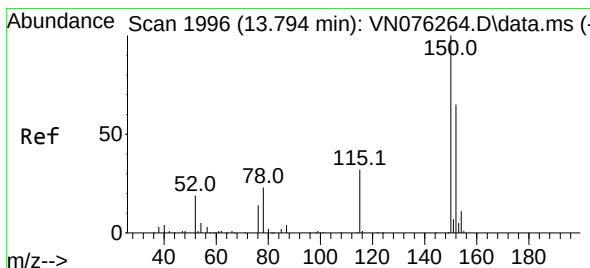
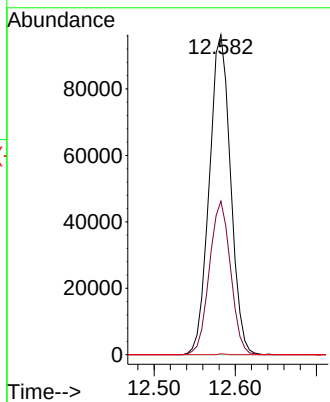
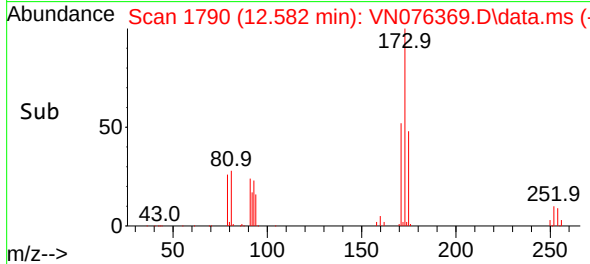
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



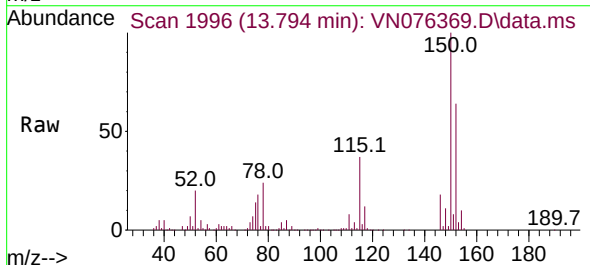
Tgt Ion:173 Resp: 175620
Ion Ratio Lower Upper
173 100
175 47.6 24.1 72.4
254 0.1 0.0 0.0

Manual Integrations
APPROVED

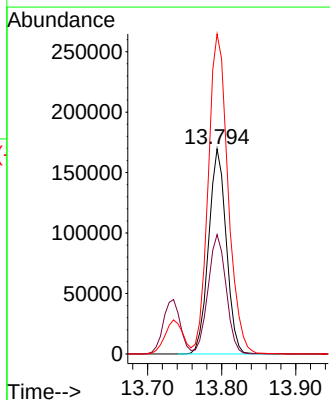
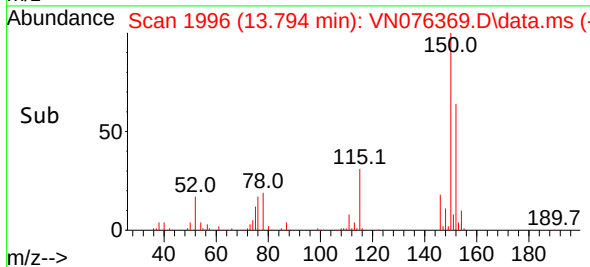
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023

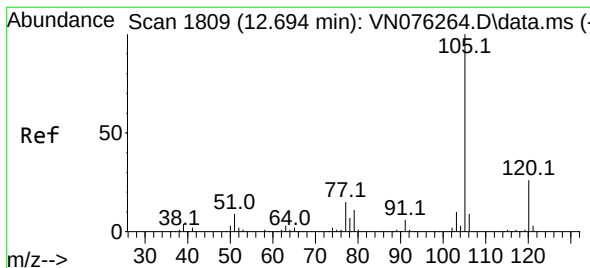


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06



Tgt Ion:152 Resp: 280221
Ion Ratio Lower Upper
152 100
115 59.1 29.6 88.9
150 175.2 0.0 351.4





#73

Isopropylbenzene

Concen: 48.159 ug/l

RT: 12.700 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN076369.D

Acq: 23 Jan 2023 17:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 1043989

Ion Ratio Lower Upper

105 100

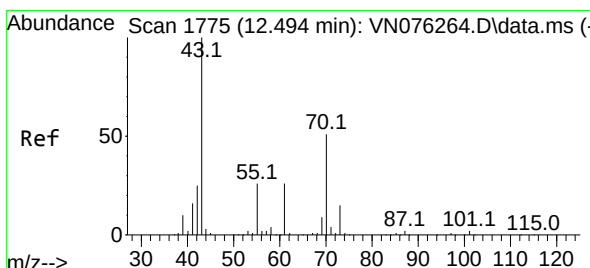
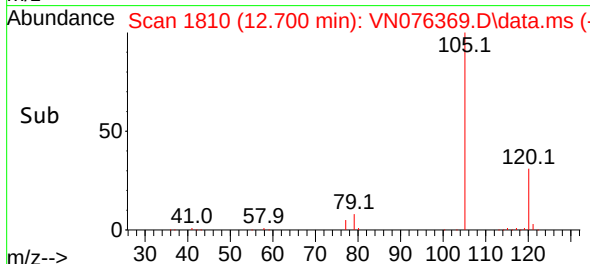
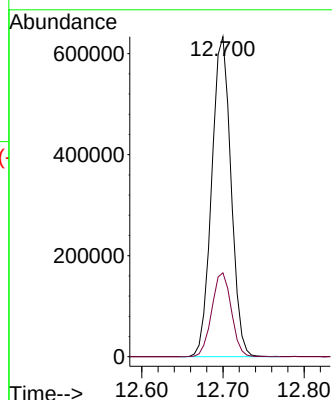
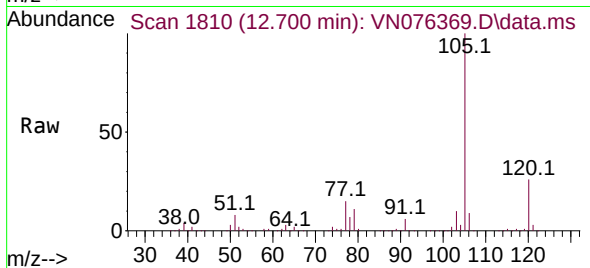
120 26.6 13.4 40.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/24/2023

Supervised By :Mahesh Dadoda 01/25/2023



#74

N-ethyl acetate

Concen: 51.823 ug/l

RT: 12.494 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VN076369.D

Acq: 23 Jan 2023 17:06

Tgt Ion: 43 Resp: 323153

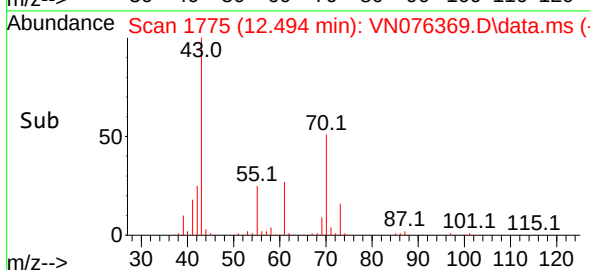
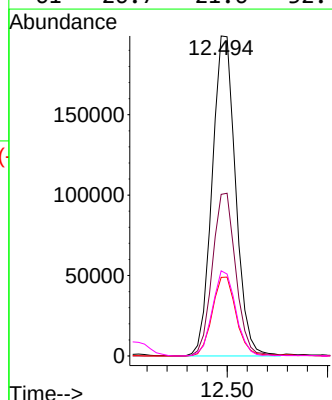
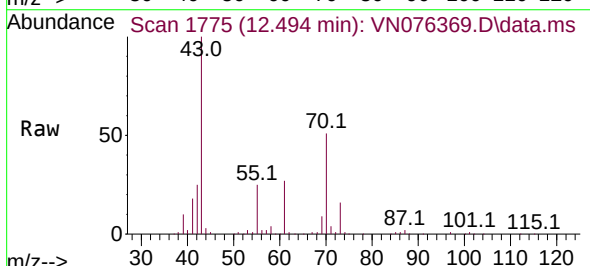
Ion Ratio Lower Upper

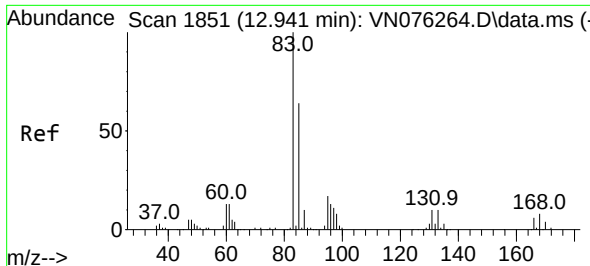
43 100

70 50.7 41.2 61.8

55 25.2 21.0 31.6

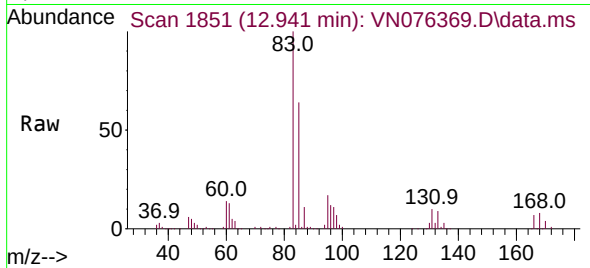
61 26.7 21.6 32.4





#75
1,1,2,2-Tetrachloroethane
Concen: 46.928 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

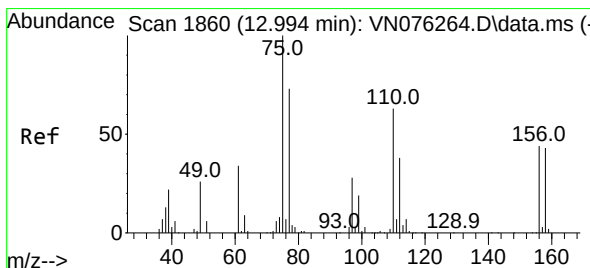
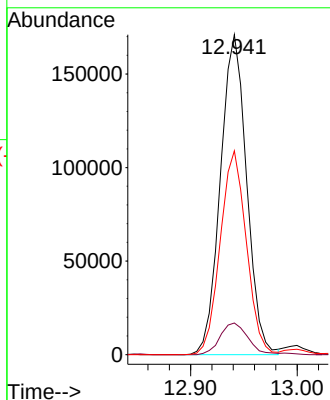
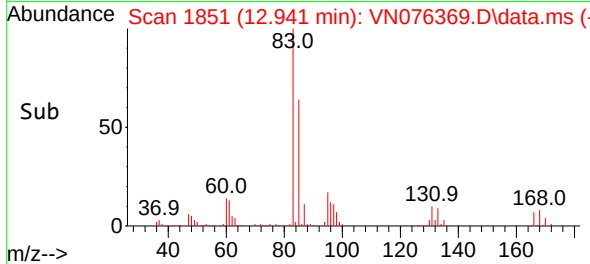
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



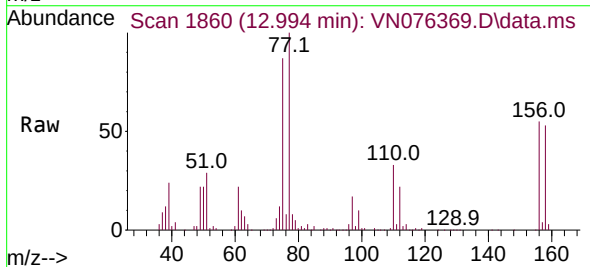
Tgt Ion: 83 Resp: 292449
Ion Ratio Lower Upper
83 100
131 10.7 5.5 16.4
85 63.5 31.7 95.1

Manual Integrations
APPROVED

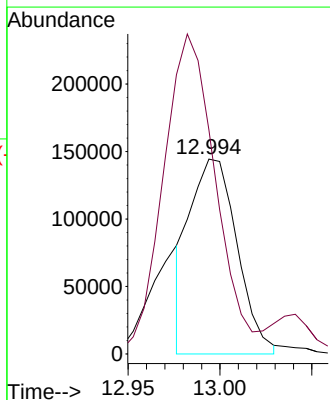
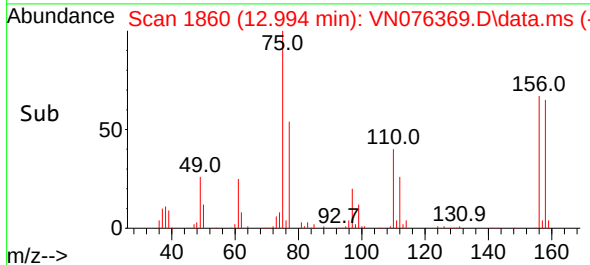
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023

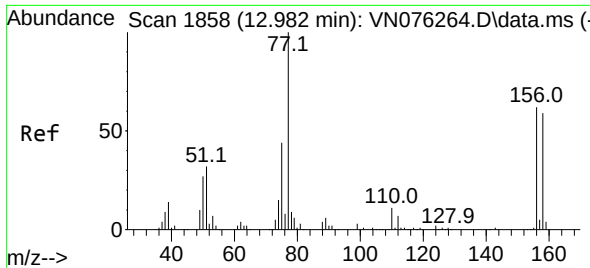


#76
1,2,3-Trichloropropane
Concen: 50.660 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06



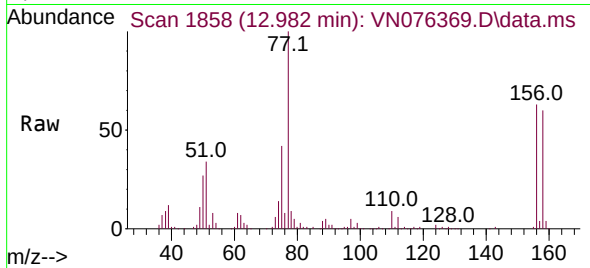
Tgt Ion: 75 Resp: 258551
Ion Ratio Lower Upper
75 100
77 182.8 75.2 225.6





#77
Bromobenzene
Concen: 49.589 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

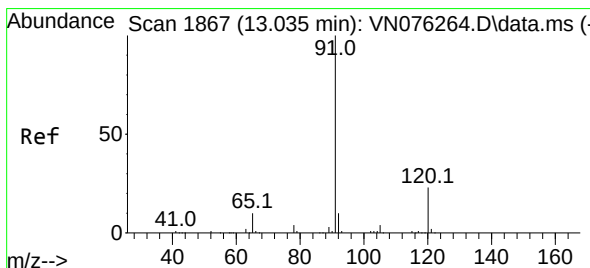
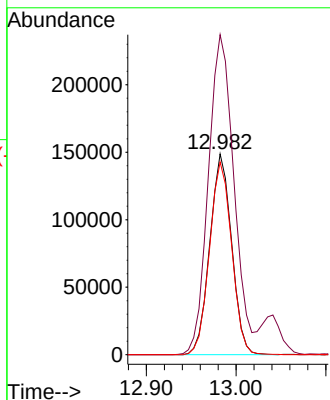
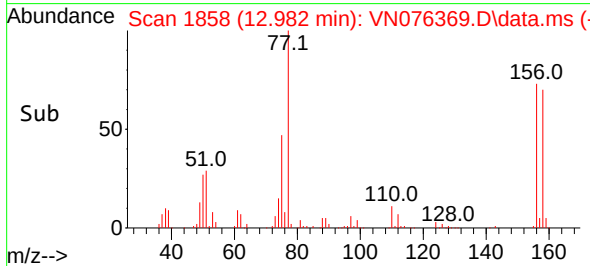
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 25135
Ion Ratio Lower Upper
156 100
77 188.0 93.4 280.2
158 97.3 48.4 145.2

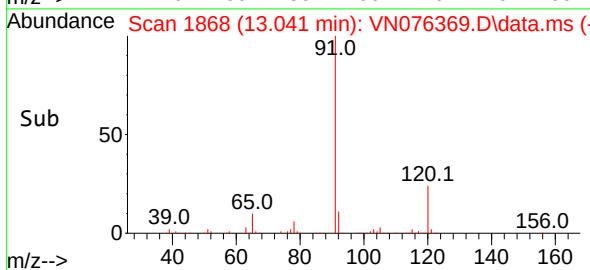
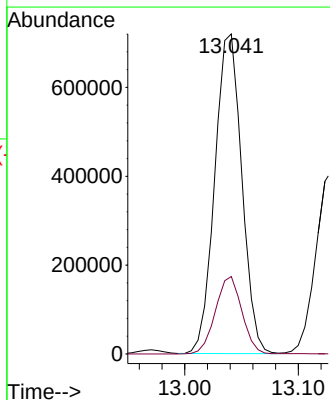
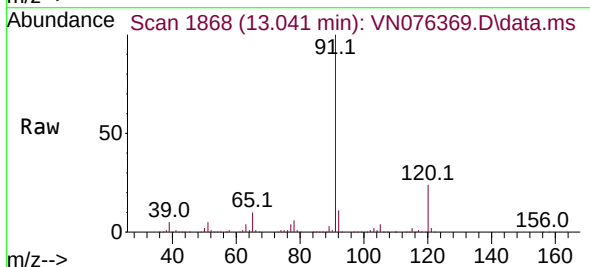
Manual Integrations
APPROVED

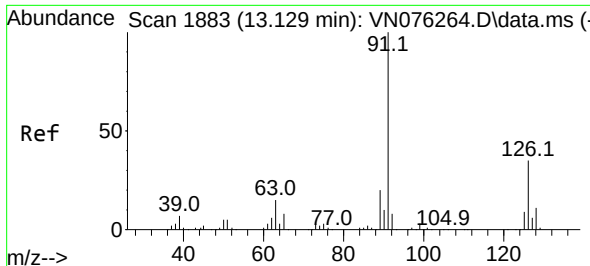
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023



#78
n-propylbenzene
Concen: 48.659 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

Tgt Ion: 91 Resp: 1190212
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.5





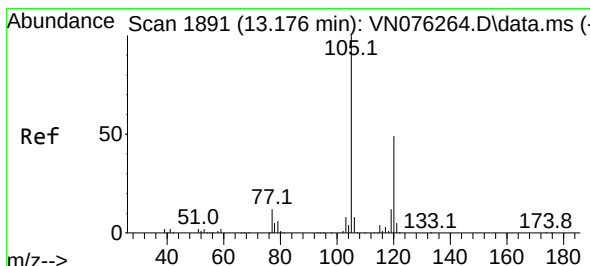
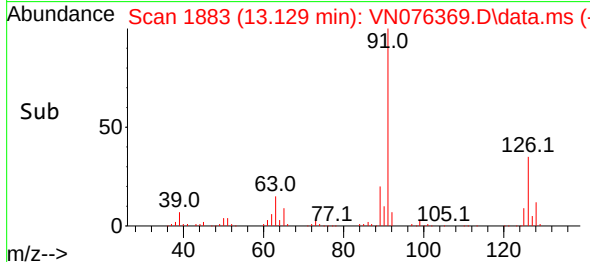
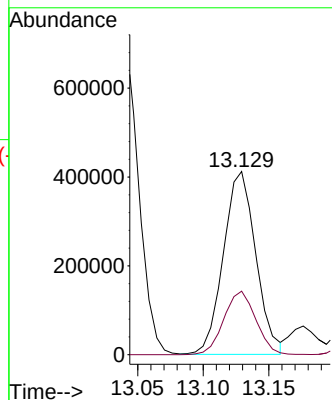
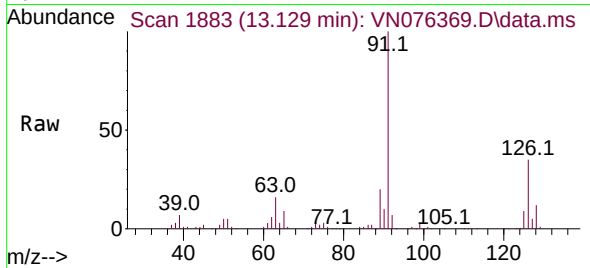
#79
2-Chlorotoluene
Concen: 47.215 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 708670
Ion Ratio Lower Upper
91 100
126 34.3 17.4 52.2

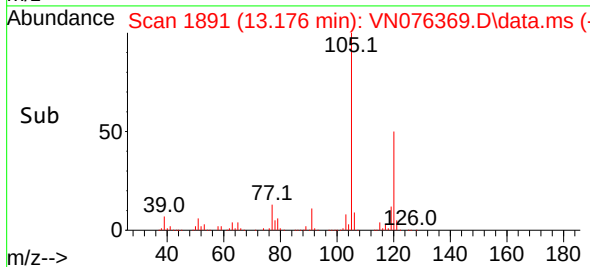
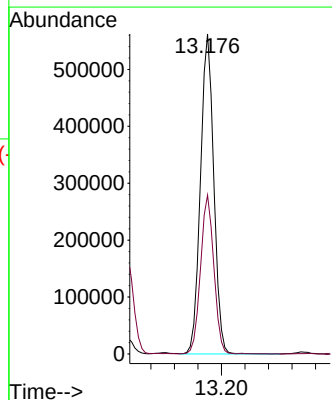
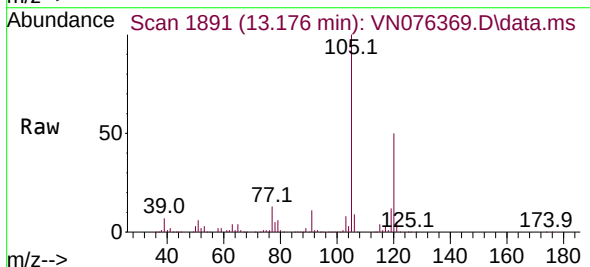
Manual Integrations
APPROVED

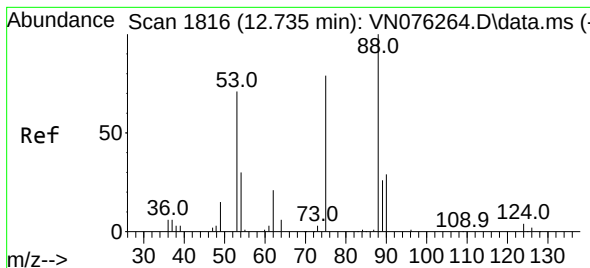
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023



#80
1,3,5-Trimethylbenzene
Concen: 48.758 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

Tgt Ion:105 Resp: 885495
Ion Ratio Lower Upper
105 100
120 49.4 25.0 75.0





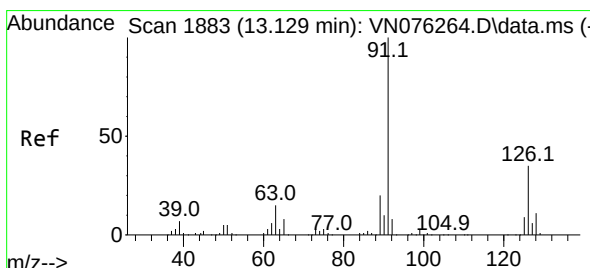
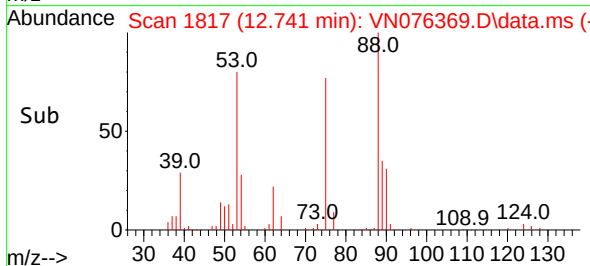
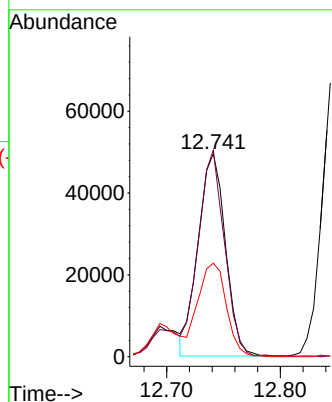
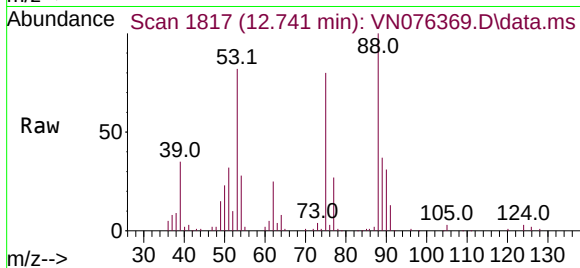
#81
trans-1,4-Dichloro-2-butene
Concen: 49.174 ug/l
RT: 12.741 min Scan# 1816
Delta R.T. 0.006 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 82819
Ion Ratio Lower Upper
75 100
53 97.8 75.8 113.8
89 47.3 37.0 55.6

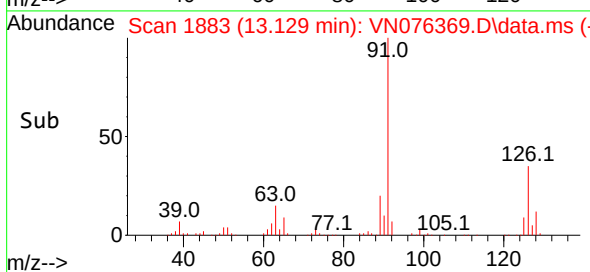
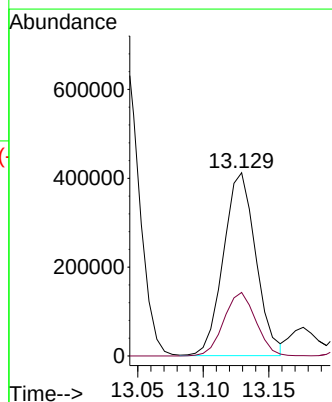
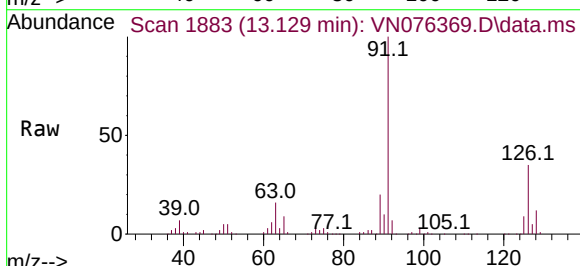
Manual Integrations
APPROVED

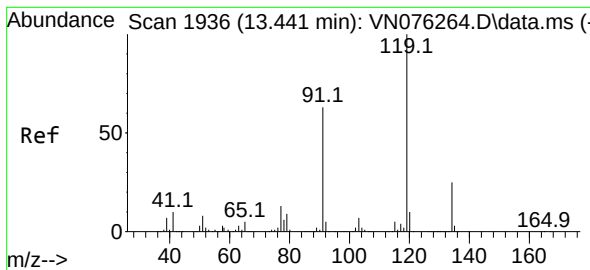
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023



#82
4-Chlorotoluene
Concen: 47.215 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

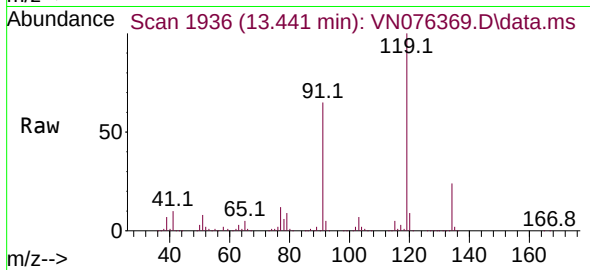
Tgt Ion: 91 Resp: 708676
Ion Ratio Lower Upper
91 100
126 34.3 17.4 52.2





#83
tert-Butylbenzene
Concen: 49.704 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

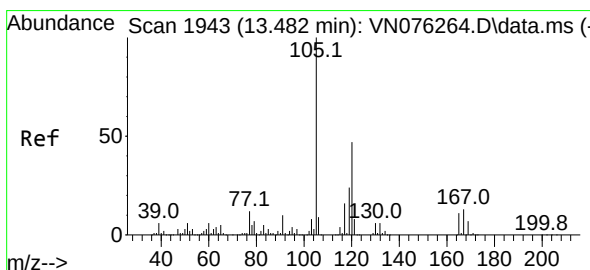
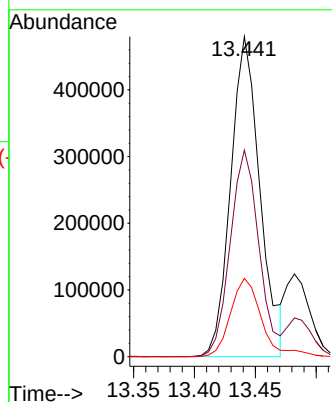
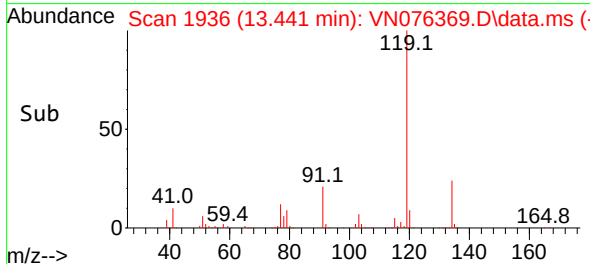
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



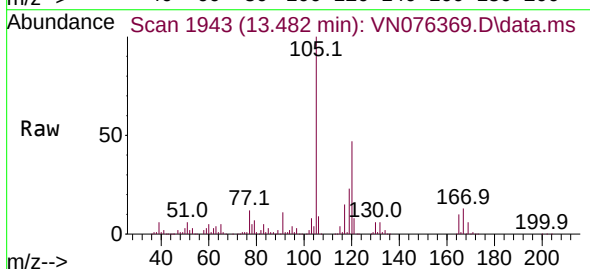
Tgt Ion:119 Resp: 80284
Ion Ratio Lower Upper
119 100
91 63.5 32.2 96.6
134 26.0 13.6 40.8

Manual Integrations
APPROVED

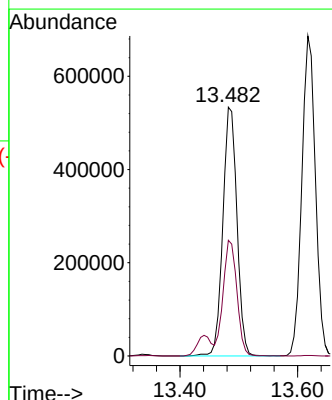
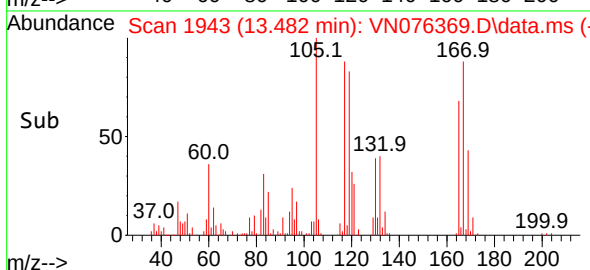
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023

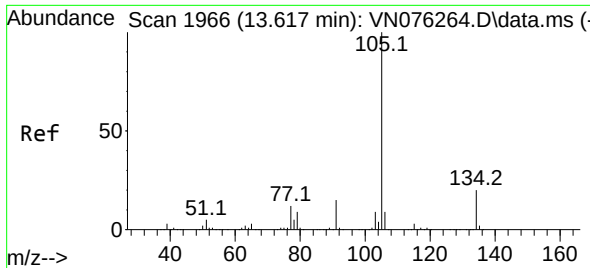


#84
1,2,4-Trimethylbenzene
Concen: 48.919 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06



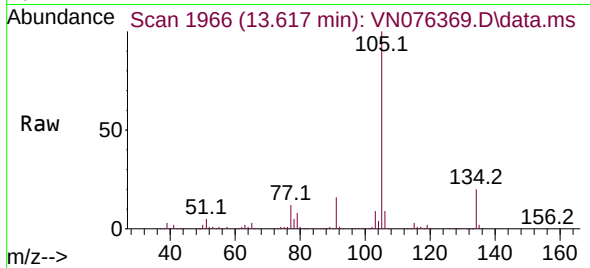
Tgt Ion:105 Resp: 890833
Ion Ratio Lower Upper
105 100
120 45.3 22.9 68.5





#85
 sec-Butylbenzene
 Concen: 49.221 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076369.D
 Acq: 23 Jan 2023 17:06

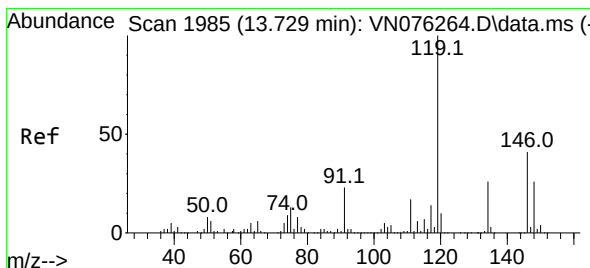
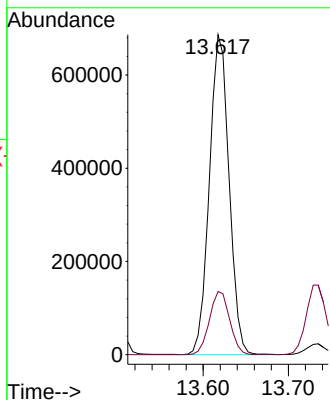
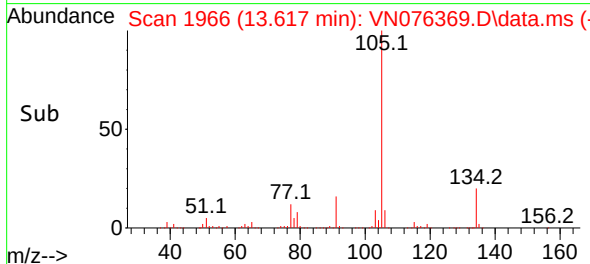
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



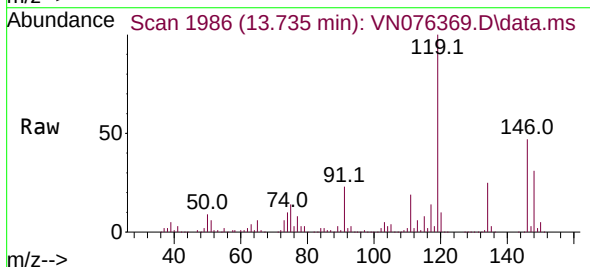
Tgt Ion:105 Resp: 1103199
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.3 30.8

Manual Integrations
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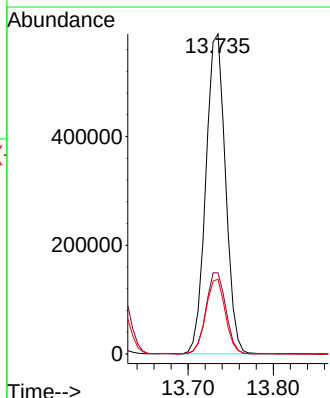
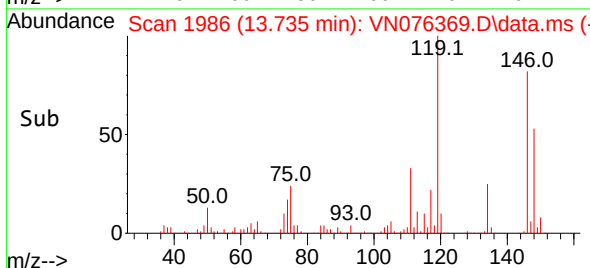
Reviewed By :John Carlone 01/24/2023
 Supervised By :Mahesh Dadoda 01/25/2023

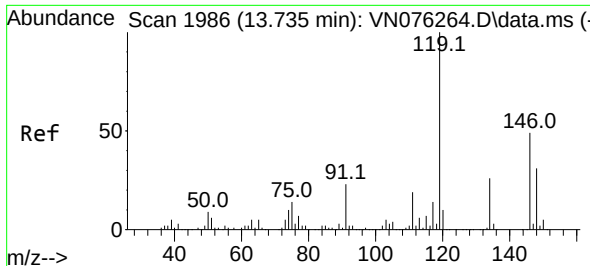


#86
 p-Isopropyltoluene
 Concen: 50.960 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN076369.D
 Acq: 23 Jan 2023 17:06



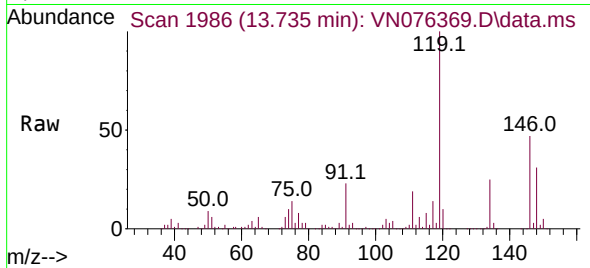
Tgt Ion:119 Resp: 939219
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.2 39.6
 91 23.3 11.8 35.3





#87
 1,3-Dichlorobenzene
 Concen: 44.801 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076369.D
 Acq: 23 Jan 2023 17:06

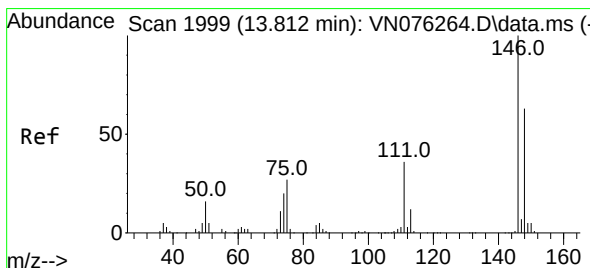
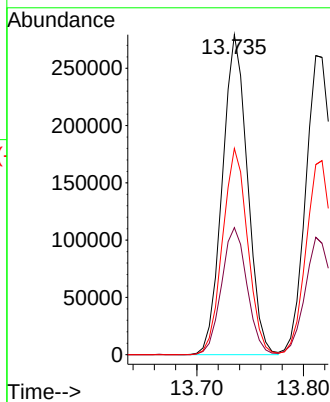
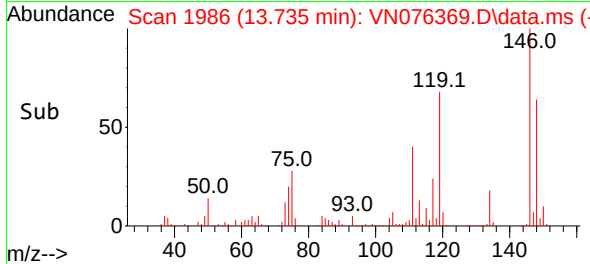
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



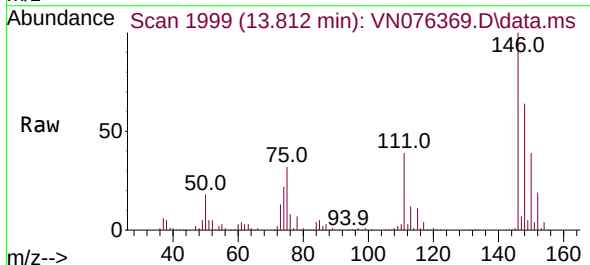
Tgt Ion:146 Resp: 457749
 Ion Ratio Lower Upper
 146 100
 111 40.3 19.9 59.7
 148 64.4 31.6 94.8

Manual Integrations
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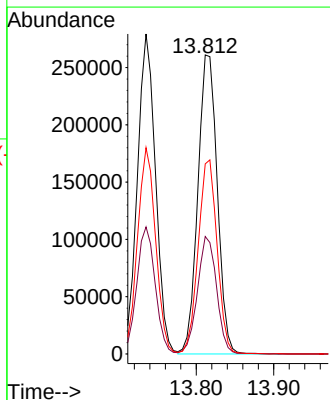
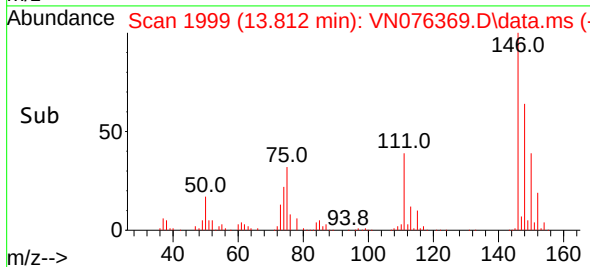
Reviewed By :John Carlone 01/24/2023
 Supervised By :Mahesh Dadoda 01/25/2023

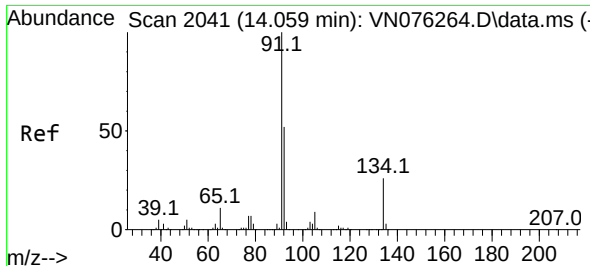


#88
 1,4-Dichlorobenzene
 Concen: 46.761 ug/l
 RT: 13.812 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN076369.D
 Acq: 23 Jan 2023 17:06



Tgt Ion:146 Resp: 454429
 Ion Ratio Lower Upper
 146 100
 111 38.9 19.1 57.5
 148 63.4 31.9 95.9





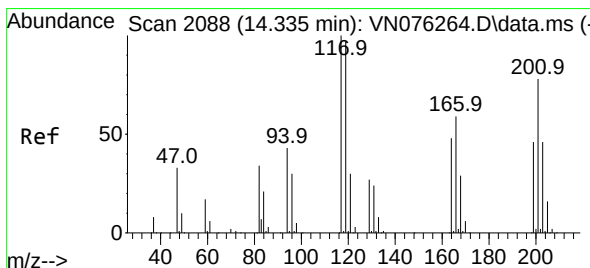
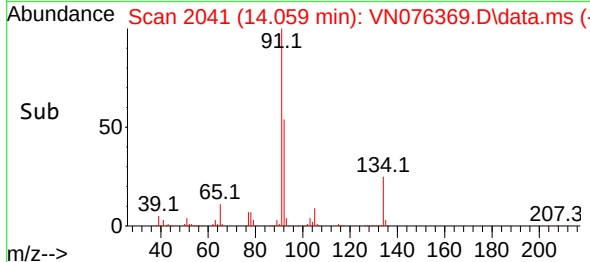
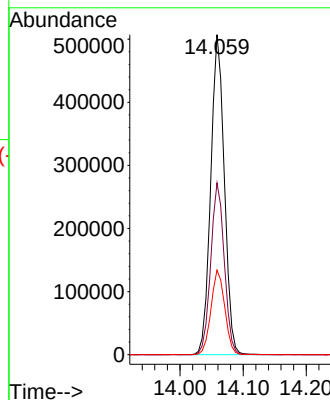
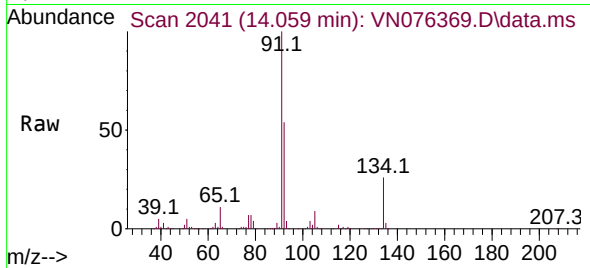
#89
n-Butylbenzene
Concen: 51.913 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 759530
Ion Ratio Lower Upper
91 100
92 53.5 26.3 78.9
134 26.7 13.2 39.5

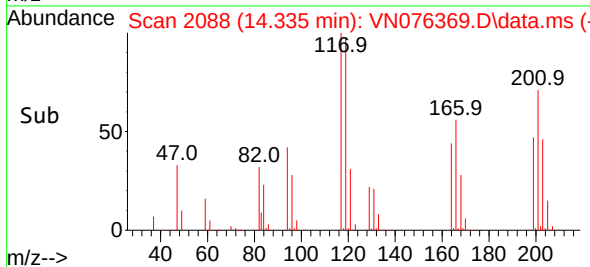
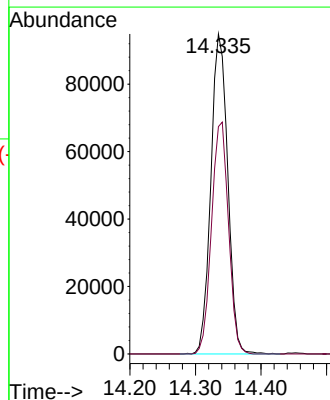
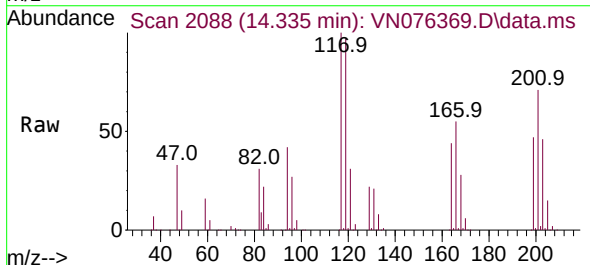
Manual Integrations
APPROVED

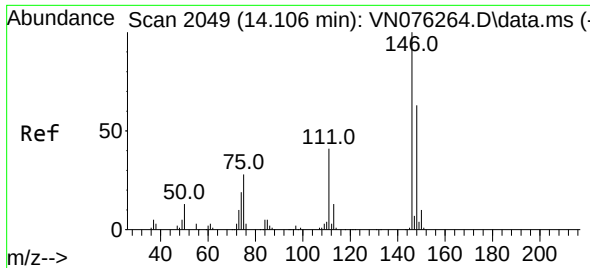
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023



#90
Hexachloroethane
Concen: 53.376 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

Tgt Ion:117 Resp: 169787
Ion Ratio Lower Upper
117 100
201 72.7 37.3 111.9





#91
1,2-Dichlorobenzene
Concen: 44.037 ug/l
RT: 14.112 min Scan# 2049
Delta R.T. 0.006 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

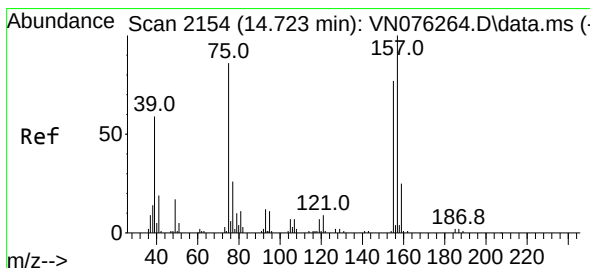
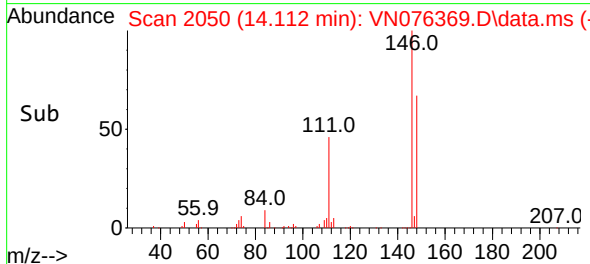
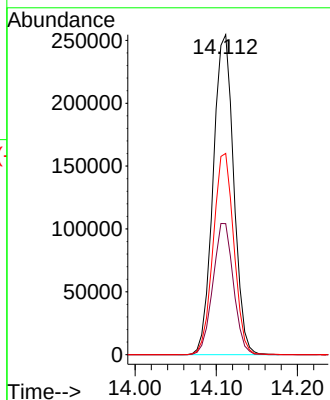
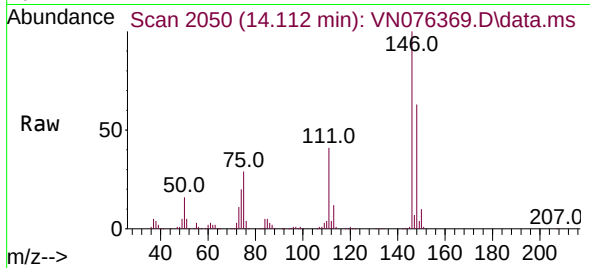
Tgt Ion:146 Resp: 44814
Ion Ratio Lower Upper
146 100
111 41.0 20.3 60.8
148 63.2 31.8 95.4

Manual Integrations

APPROVED

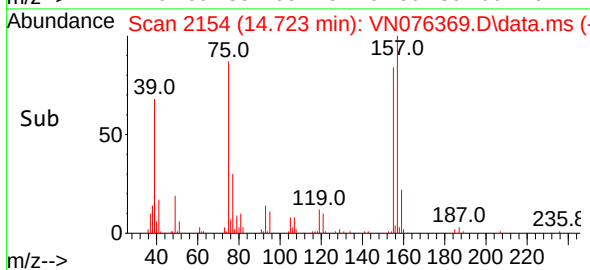
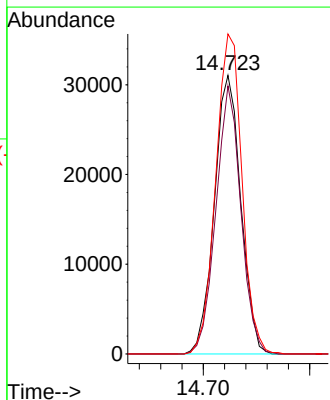
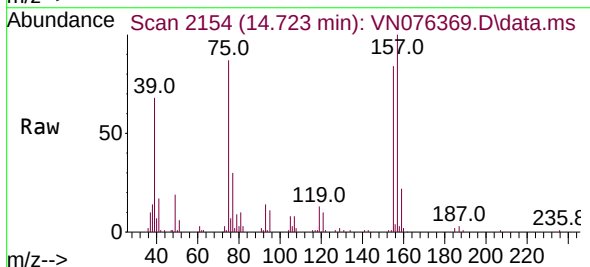
Reviewed By :John Carlone 01/24/2023

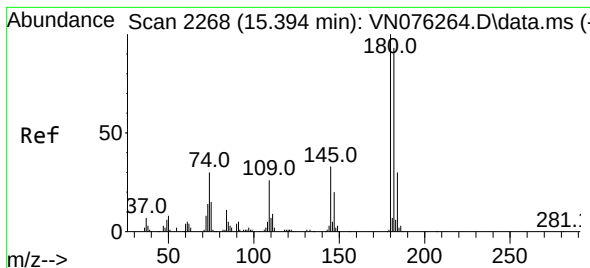
Supervised By :Mahesh Dadoda 01/25/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.427 ug/l
RT: 14.723 min Scan# 2154
Delta R.T. 0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

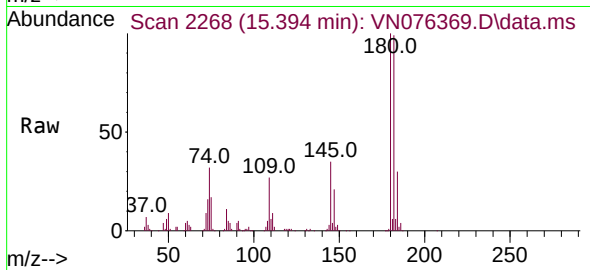
Tgt Ion: 75 Resp: 53542
Ion Ratio Lower Upper
75 100
155 90.7 45.0 135.0
157 113.8 58.3 174.9





#93
1,2,4-Trichlorobenzene
Concen: 46.543 ug/l
RT: 15.394 min Scan# 2268
Delta R.T. -0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

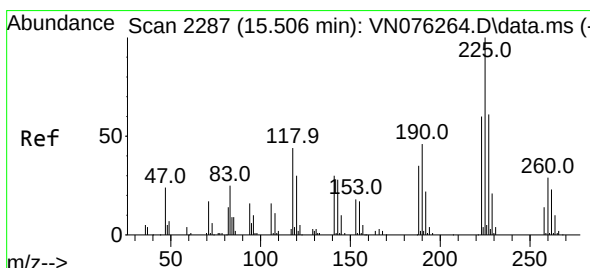
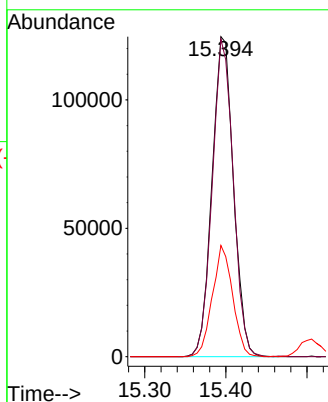
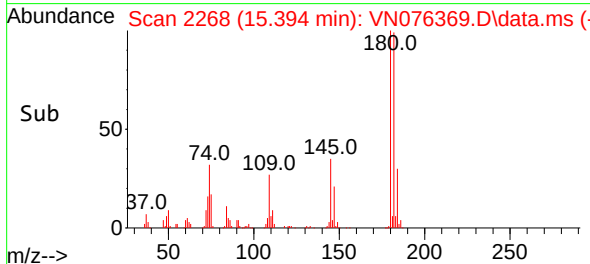
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



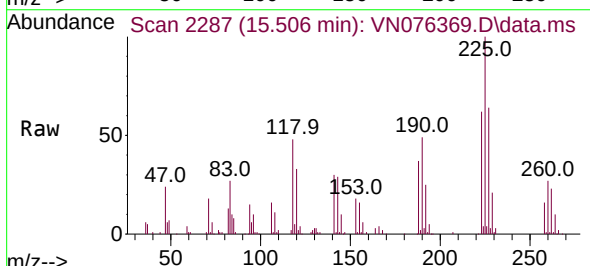
Tgt Ion:180 Resp: 22841
Ion Ratio Lower Upper
180 100
182 97.3 47.0 141.2
145 32.9 15.2 45.5

Manual Integrations
APPROVED

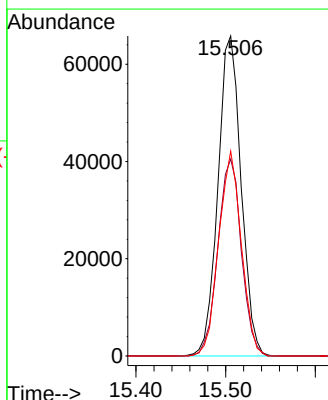
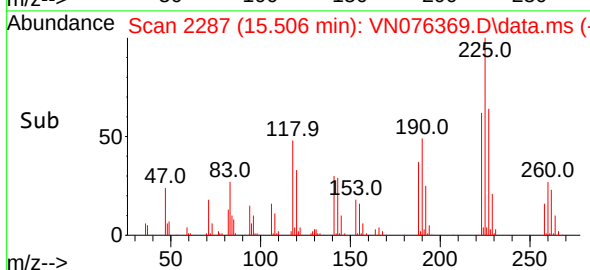
Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023

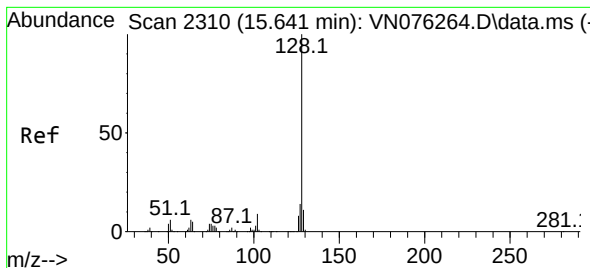


#94
Hexachlorobutadiene
Concen: 43.709 ug/l
RT: 15.506 min Scan# 2287
Delta R.T. -0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06



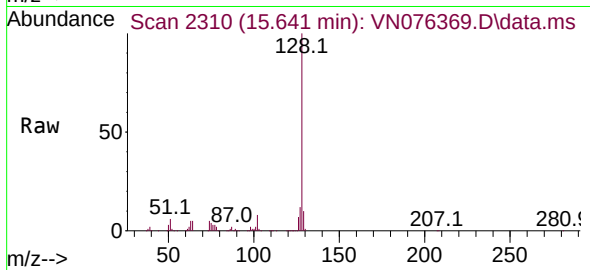
Tgt Ion:225 Resp: 118040
Ion Ratio Lower Upper
225 100
223 62.2 30.8 92.3
227 62.5 30.9 92.8





#95
Naphthalene
Concen: 50.684 ug/l
RT: 15.641 min Scan# 2310
Delta R.T. -0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06

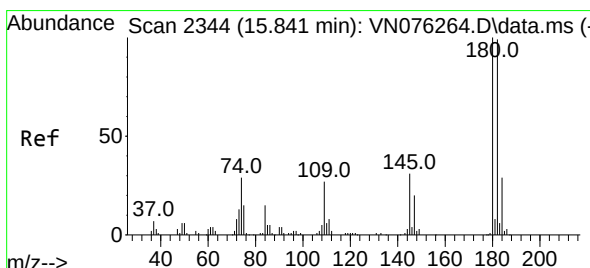
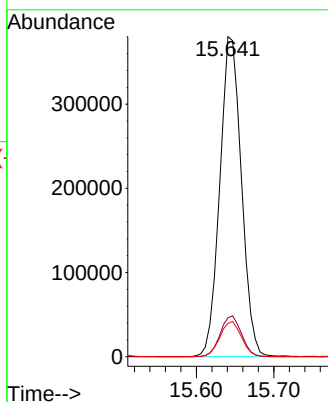
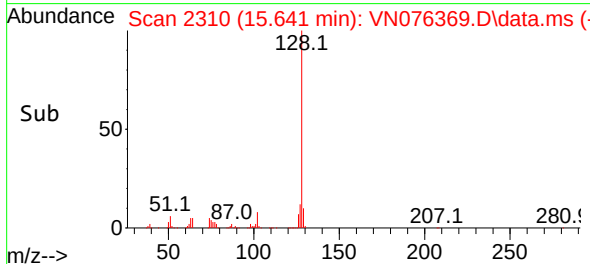
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



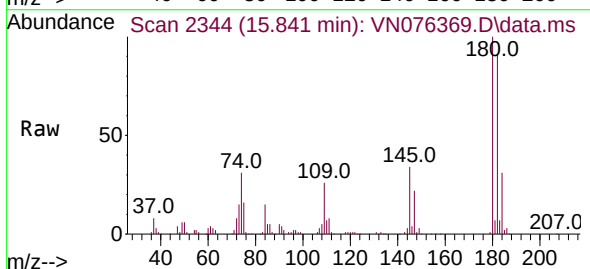
Tgt Ion:128 Resp: 738319
Ion Ratio Lower Upper
128 100
127 12.6 10.3 15.5
129 11.0 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/24/2023
Supervised By :Mahesh Dadoda 01/25/2023



#96
1,2,3-Trichlorobenzene
Concen: 47.970 ug/l
RT: 15.841 min Scan# 2344
Delta R.T. -0.000 min
Lab File: VN076369.D
Acq: 23 Jan 2023 17:06



Tgt Ion:180 Resp: 224618
Ion Ratio Lower Upper
180 100
182 95.0 47.5 142.5
145 33.3 15.9 47.6

