

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041923\
 Data File : VN077366.D
 Acq On : 19 Apr 2023 10:55
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 20 04:23:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/20/2023
 Supervised By : Mahesh Dadoda 04/22/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	567575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1059411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	967118	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	432610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	392907	50.650	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.300%			
35) Dibromofluoromethane	8.166	113	354360	52.250	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.500%			
50) Toluene-d8	10.571	98	1322618	48.444	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 96.880%			
62) 4-Bromofluorobenzene	12.848	95	469641	51.721	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.440%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.131	85	419300	57.881	ug/l	99
3) Chloromethane	2.372	50	356984	39.765	ug/l	99
4) Vinyl Chloride	2.525	62	495297	40.692	ug/l	100
5) Bromomethane	2.954	94	402240	45.584	ug/l	97
6) Chloroethane	3.125	64	346369	39.874	ug/l	96
7) Trichlorofluoromethane	3.507	101	641981	60.828	ug/l	95
8) Diethyl Ether	3.972	74	237639	53.733	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.378	101	381465	59.059	ug/l	96
10) Methyl Iodide	4.601	142	477628	60.804	ug/l	95
11) Tert butyl alcohol	5.525	59	281808	178.036	ug/l	100
12) 1,1-Dichloroethene	4.348	96	374604	56.342	ug/l	95
13) Acrolein	4.184	56	281479	187.761	ug/l	98
14) Allyl chloride	5.031	41	460261	45.834	ug/l	93
15) Acrylonitrile	5.725	53	788942	225.454	ug/l	98
16) Acetone	4.431	43	780010	272.718	ug/l	99
17) Carbon Disulfide	4.719	76	970334	54.121	ug/l	100
18) Methyl Acetate	5.031	43	504568	46.320	ug/l	96
19) Methyl tert-butyl Ether	5.801	73	1284592	54.451	ug/l	97
20) Methylene Chloride	5.284	84	417409	51.675	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	409961	56.315	ug/l	98
22) Diisopropyl ether	6.678	45	1010587	50.197	ug/l	97
23) Vinyl Acetate	6.613	43	3739777m	274.734	ug/l	
24) 1,1-Dichloroethane	6.572	63	694879	53.451	ug/l	100
25) 2-Butanone	7.483	43	1013577	218.354	ug/l	95
26) 2,2-Dichloropropane	7.495	77	697162	58.482	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	492392	55.388	ug/l	97
28) Bromochloromethane	7.819	49	254409	48.649	ug/l	93
29) Tetrahydrofuran	7.842	42	615944	206.420	ug/l	93
30) Chloroform	7.972	83	783960	56.548	ug/l	98
31) Cyclohexane	8.260	56	603470	50.065	ug/l	96
32) 1,1,1-Trichloroethane	8.172	97	715858	56.777	ug/l	97
36) 1,1-Dichloropropene	8.372	75	581999	58.022	ug/l	98
37) Ethyl Acetate	7.566	43	398918	44.450	ug/l	97
38) Carbon Tetrachloride	8.366	117	622749	60.598	ug/l	94
39) Methylcyclohexane	9.607	83	789420	58.365	ug/l	97
40) Benzene	8.607	78	1730824	55.321	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	213107	44.176	ug/l	92
42) 1,2-Dichloroethane	8.672	62	556466	57.789	ug/l	98
43) Isopropyl Acetate	8.689	43	755158	45.601	ug/l	97
44) Trichloroethene	9.354	130	455078	60.790	ug/l	97
45) 1,2-Dichloropropane	9.624	63	408442	54.968	ug/l	96
46) Dibromomethane	9.713	93	309920	55.359	ug/l	98
47) Bromodichloromethane	9.889	83	636921	56.919	ug/l	97
48) Methyl methacrylate	9.683	41	329882	46.697	ug/l	95
49) 1,4-Dioxane	9.701	88	135911	793.537	ug/l	96
51) 4-Methyl-2-Pentanone	10.448	43	2078964	217.190	ug/l	96
52) Toluene	10.630	92	1168986	57.083	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	696758	57.342	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	733609	56.680	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	444688	55.318	ug/l	97
56) Ethyl methacrylate	10.871	69	645448	51.549	ug/l	97
57) 1,3-Dichloropropane	11.166	76	723575	54.482	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	794634	213.196	ug/l	95
59) 2-Hexanone	11.195	43	1590635	223.052	ug/l	100
60) Dibromochloromethane	11.360	129	486395	58.748	ug/l	99
61) 1,2-Dibromoethane	11.471	107	455527	56.773	ug/l	100
64) Tetrachloroethene	11.107	164	350339	58.640	ug/l	98
65) Chlorobenzene	11.895	112	1234746	57.990	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.960	131	447100	55.497	ug/l	98
67) Ethyl Benzene	11.966	91	2254871	57.389	ug/l	99
68) m/p-Xylenes	12.071	106	1764449	114.291	ug/l	100
69) o-Xylene	12.401	106	867913	56.986	ug/l	98
70) Styrene	12.413	104	1416089	57.779	ug/l	99
71) Bromoform	12.577	173	317869	56.050	ug/l #	100
73) Isopropylbenzene	12.695	105	2275997	54.166	ug/l	100
74) N-amyl acetate	12.495	43	665393	41.786	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.936	83	632837	47.991	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	438692m	42.585	ug/l	
77) Bromobenzene	12.983	156	477939	55.940	ug/l	91
78) n-propylbenzene	13.036	91	2641363	56.892	ug/l	100
79) 2-Chlorotoluene	13.130	91	1515460	54.209	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	1904427	56.745	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	211190	46.133	ug/l	98
82) 4-Chlorotoluene	13.224	91	1483733	56.292	ug/l	100
83) tert-Butylbenzene	13.442	119	1639922	54.897	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	1881459	56.746	ug/l	99
85) sec-Butylbenzene	13.618	105	2389878	57.405	ug/l	99
86) p-Isopropyltoluene	13.730	119	1938886	59.259	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	894103	56.566	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	895654	57.459	ug/l	100
89) n-Butylbenzene	14.059	91	1701181	62.630	ug/l	99
90) Hexachloroethane	14.336	117	387857	54.216	ug/l	100
91) 1,2-Dichlorobenzene	14.107	146	895682	56.643	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	119472	47.807	ug/l	96
93) 1,2,4-Trichlorobenzene	15.371	180	351451	61.569	ug/l	97
94) Hexachlorobutadiene	15.465	225	191063	57.824	ug/l	99
95) Naphthalene	15.589	128	1286786	60.009	ug/l	100
96) 1,2,3-Trichlorobenzene	15.753	180	320790	58.753	ug/l	98

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Quant Title : SW846 8260
QLast Update : Thu Apr 06 08:27:03 2023
Response via : Initial Calibration

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

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ClientSampleId :

VSTDCCC050

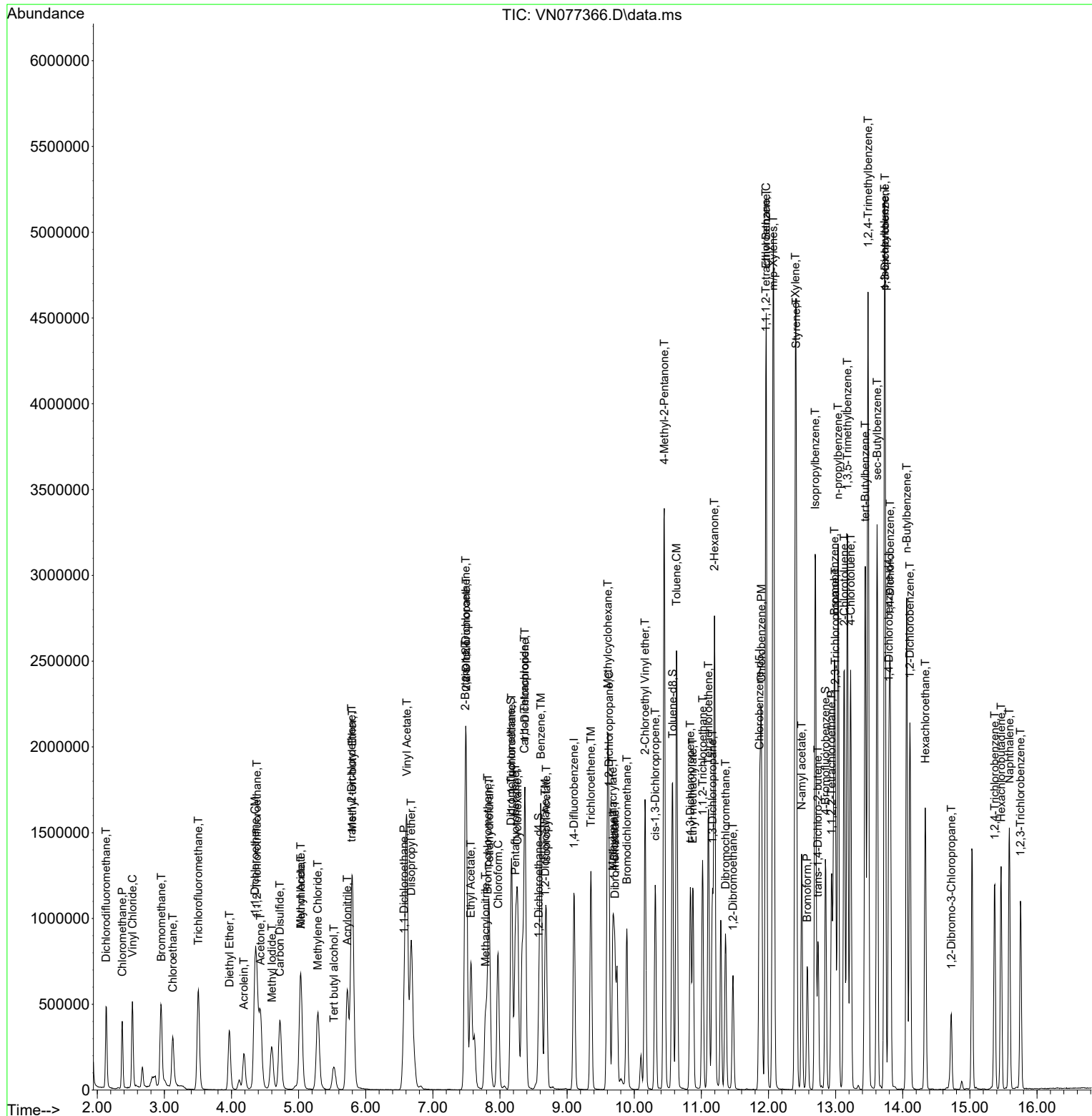
Manual Integrations

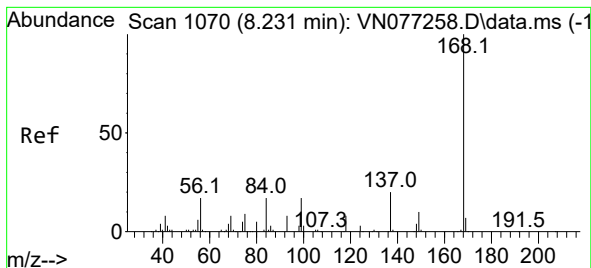
APPROVED

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Supervised By :Mahesh Dadoda 04/22/2023

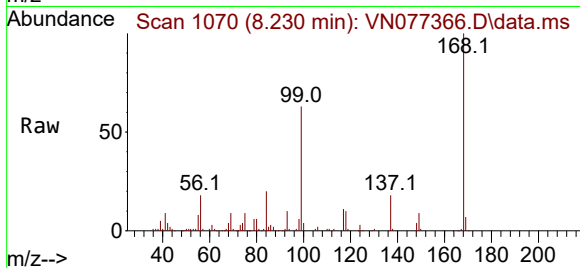
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN077366.D
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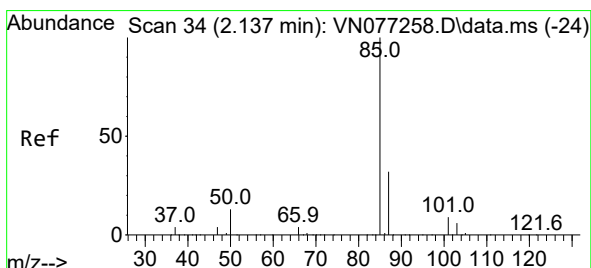
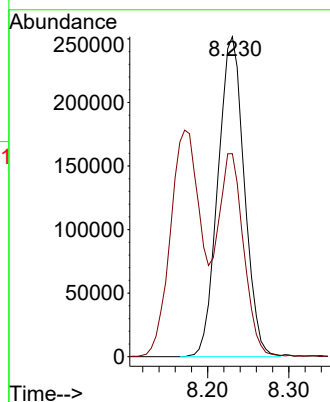
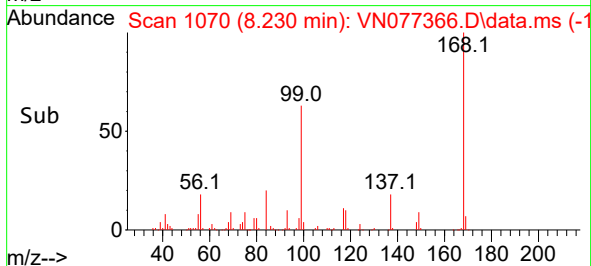
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Tgt Ion:168 Resp: 56757
Ion Ratio Lower Upper
168 100
99 63.0 50.6 75.8

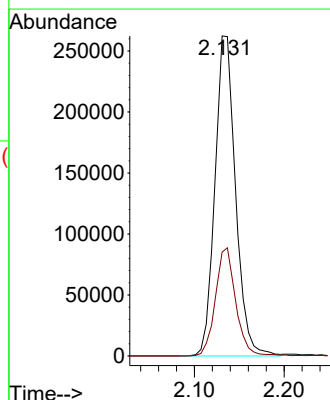
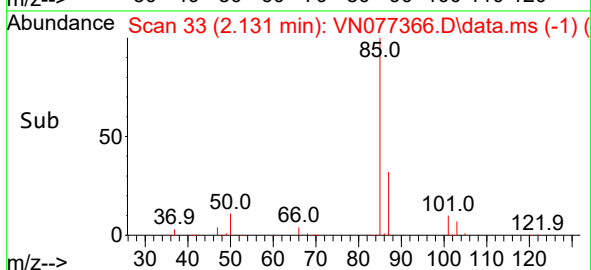
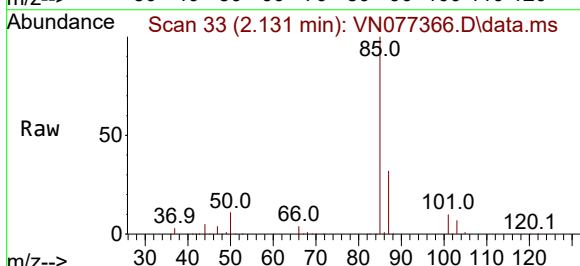
Manual Integrations
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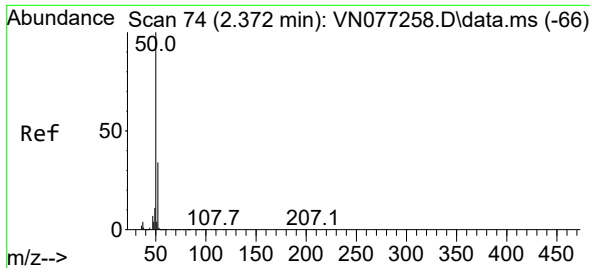
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#2
Dichlorodifluoromethane
Concen: 57.881 ug/l
RT: 2.131 min Scan# 33
Delta R.T. -0.006 min
Lab File: VN077366.D
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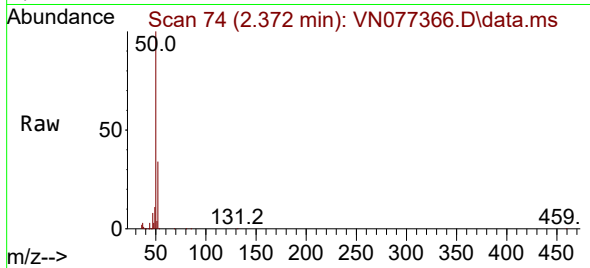
Tgt Ion: 85 Resp: 419300
Ion Ratio Lower Upper
85 100
87 32.5 16.1 48.2





#3
Chloromethane
Concen: 39.765 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

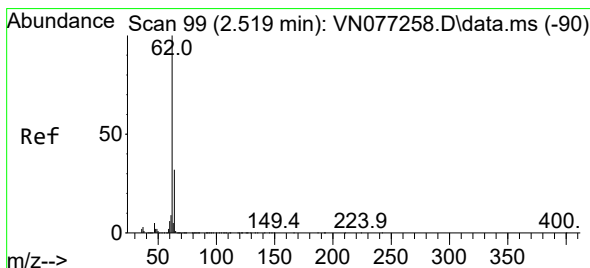
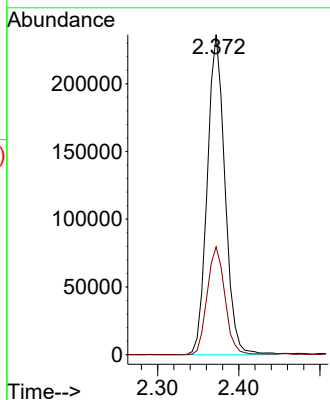
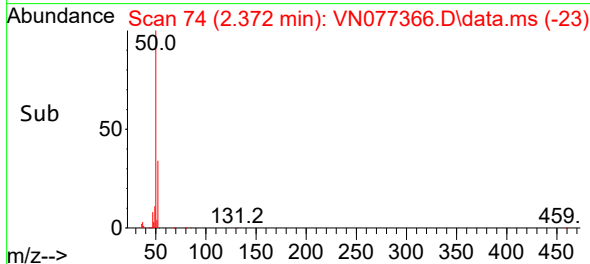
Instrument :
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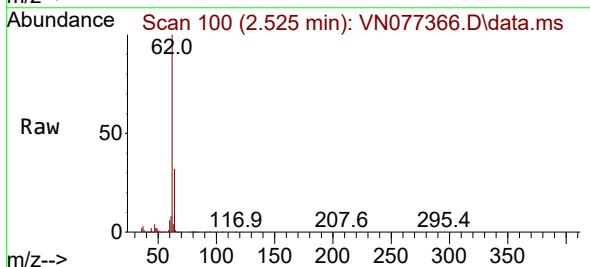
Tgt Ion: 50 Resp: 356984
Ion Ratio Lower Upper
50 100
52 33.7 27.3 40.9

Manual Integrations
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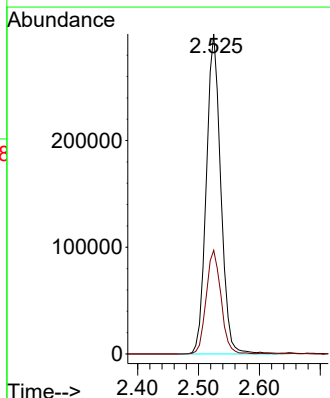
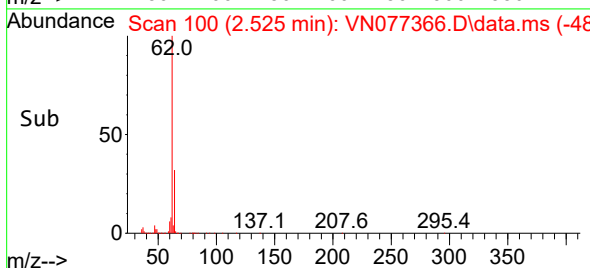
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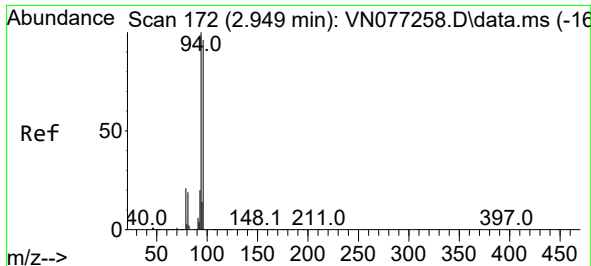


#4
Vinyl Chloride
Concen: 40.692 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55



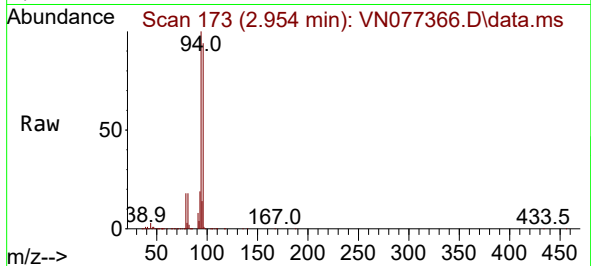
Tgt Ion: 62 Resp: 495297
Ion Ratio Lower Upper
62 100
64 32.4 25.8 38.8





#5
Bromomethane
Concen: 45.584 ug/l
RT: 2.954 min Scan# 173
Delta R.T. 0.005 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

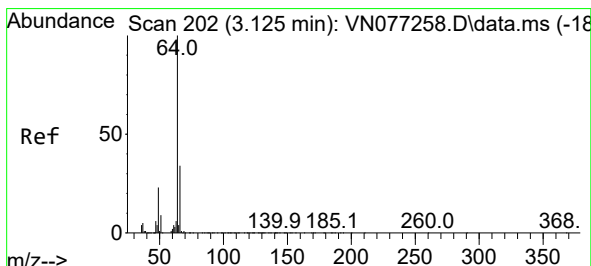
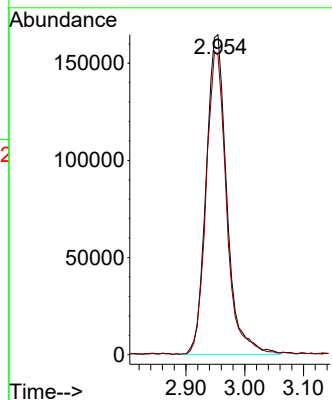
Instrument :
MSVOA_N
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Tgt Ion: 94 Resp: 402240
Ion Ratio Lower Upper
94 100
96 93.6 77.0 115.4

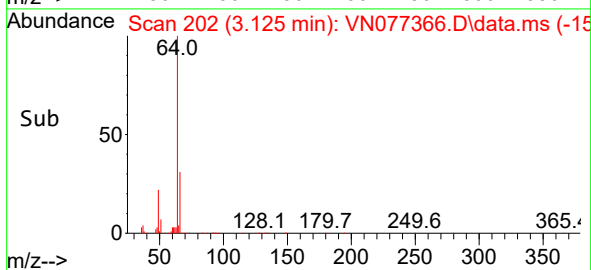
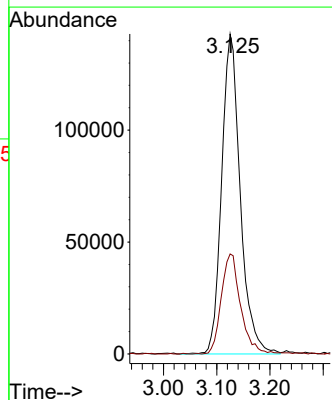
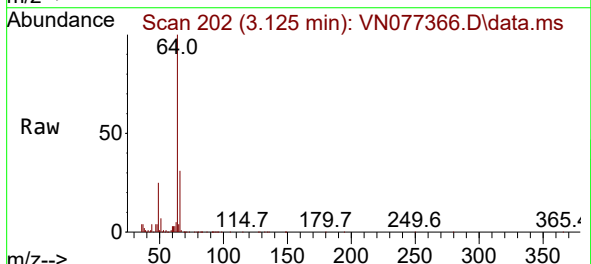
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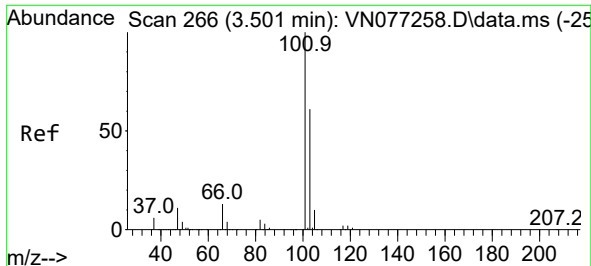
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#6
Chloroethane
Concen: 39.874 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

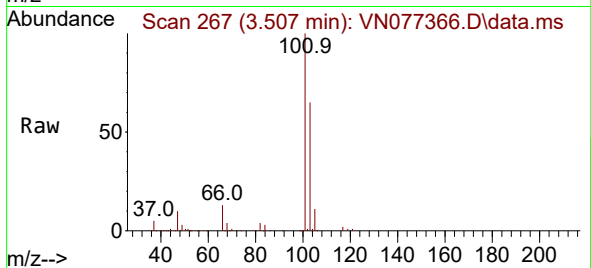
Tgt Ion: 64 Resp: 346369
Ion Ratio Lower Upper
64 100
66 31.2 26.9 40.3





#7
Trichlorofluoromethane
Concen: 60.828 ug/l
RT: 3.507 min Scan# 266
Delta R.T. 0.006 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

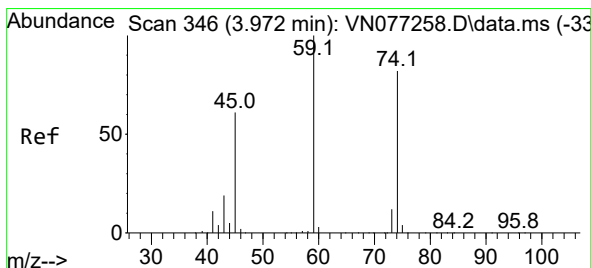
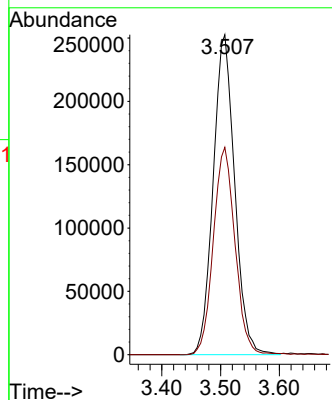
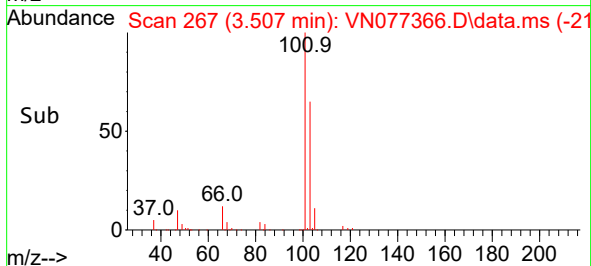
Instrument :
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Tgt Ion:101 Resp: 64198
Ion Ratio Lower Upper
101 100
103 64.8 49.0 73.4

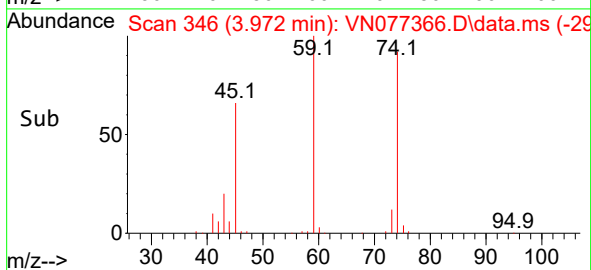
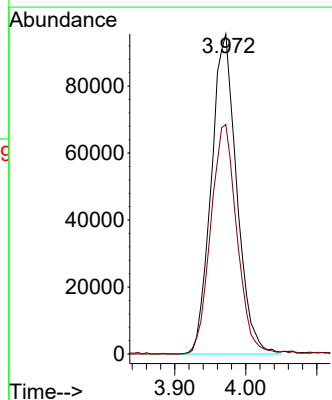
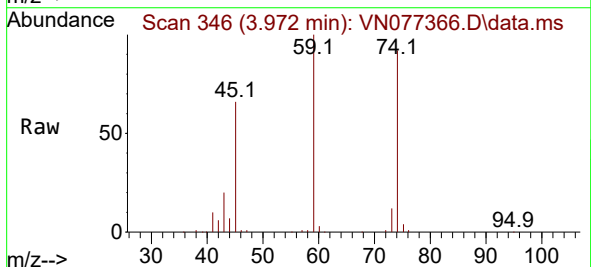
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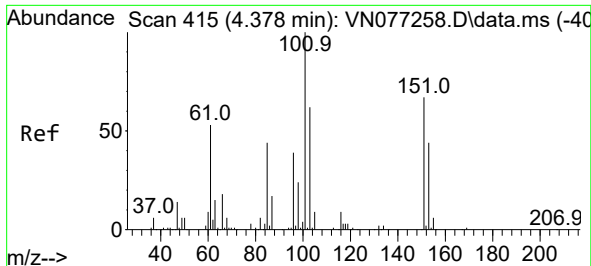
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#8
Diethyl Ether
Concen: 53.733 ug/l
RT: 3.972 min Scan# 346
Delta R.T. -0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

Tgt Ion: 74 Resp: 237639
Ion Ratio Lower Upper
74 100
45 73.7 37.8 113.4





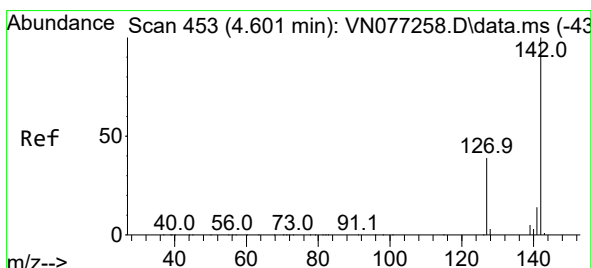
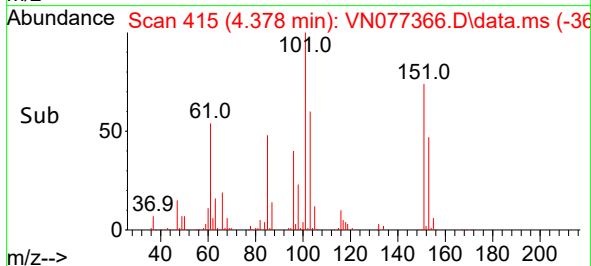
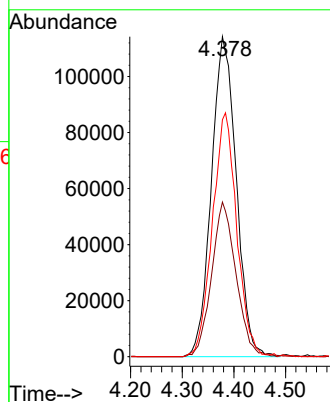
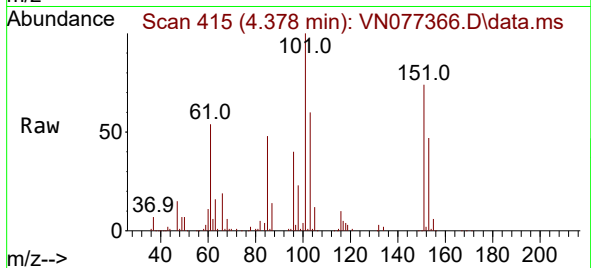
#9
1,1,2-Trichlorotrifluoroethane
Concen: 59.059 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 38146
Ion Ratio Lower Upper
101 100
85 47.4 37.3 55.9
151 74.8 56.3 84.5

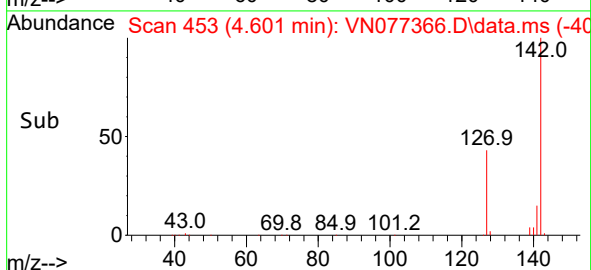
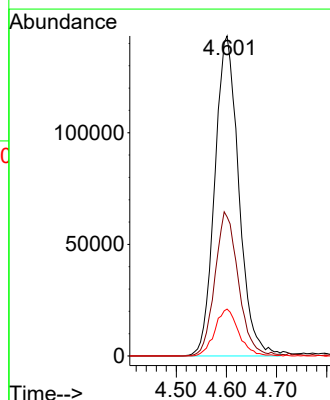
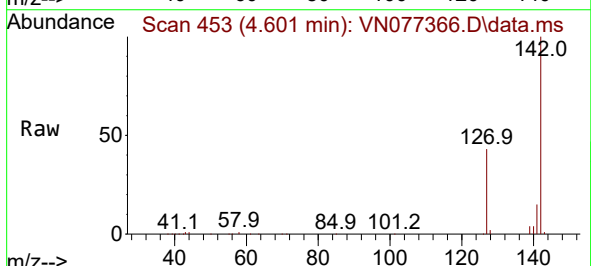
Manual Integrations
APPROVED

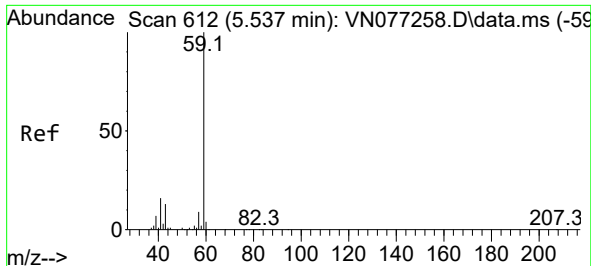
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#10
Methyl Iodide
Concen: 60.804 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

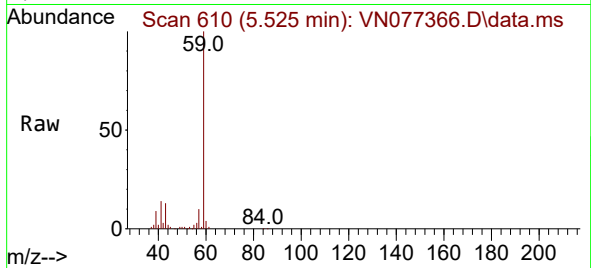
Tgt Ion:142 Resp: 477628
Ion Ratio Lower Upper
142 100
127 43.5 31.5 47.3
141 14.6 11.4 17.2





#11
Tert butyl alcohol
Concen: 178.036 ug/l
RT: 5.525 min Scan# 612
Delta R.T. -0.012 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

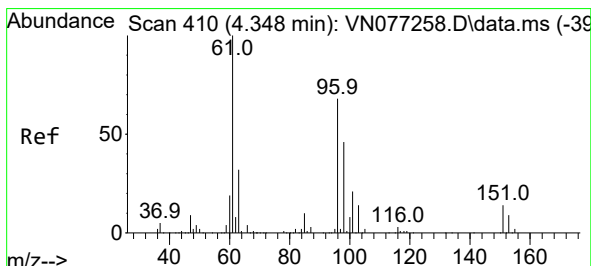
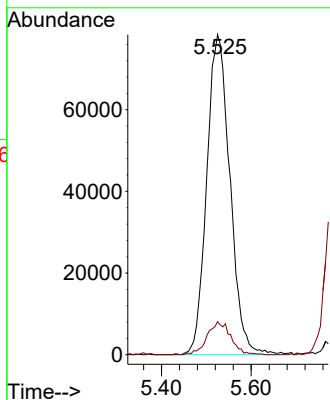
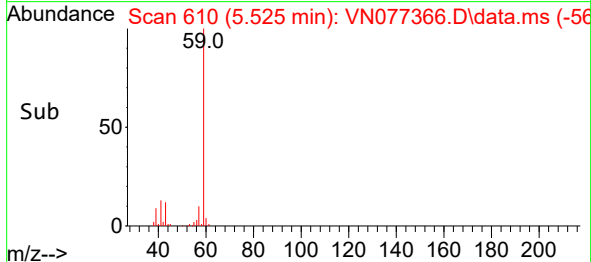
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 59 Resp: 281808
Ion Ratio Lower Upper
59 100
57 10.4 8.3 12.5

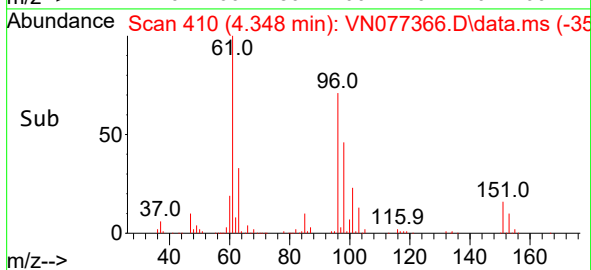
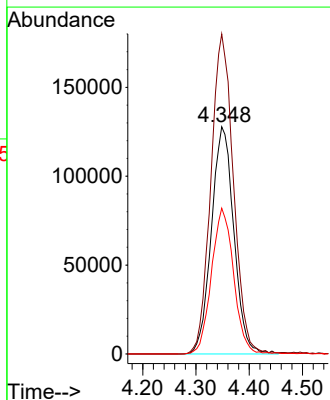
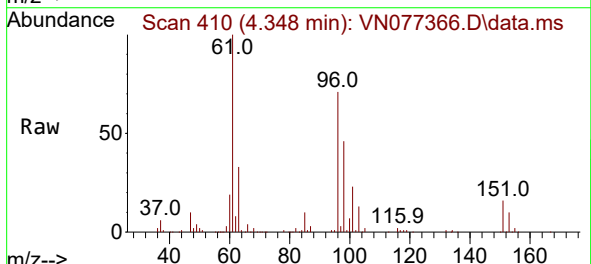
Manual Integrations
APPROVED

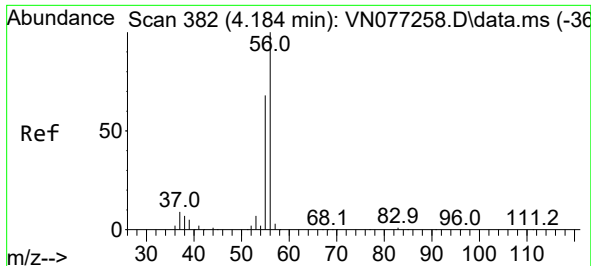
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#12
1,1-Dichloroethene
Concen: 56.342 ug/l
RT: 4.348 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

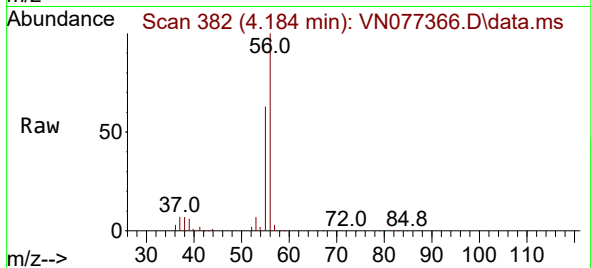
Tgt Ion: 96 Resp: 374604
Ion Ratio Lower Upper
96 100
61 140.8 118.3 177.5
98 64.2 54.5 81.7





#13
Acrolein
Concen: 187.761 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

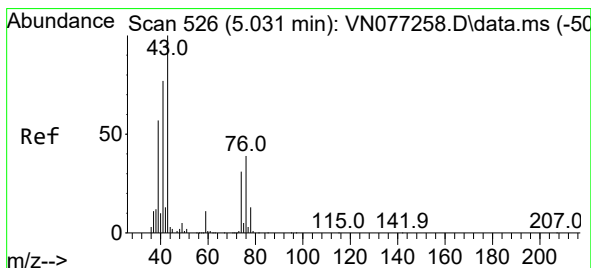
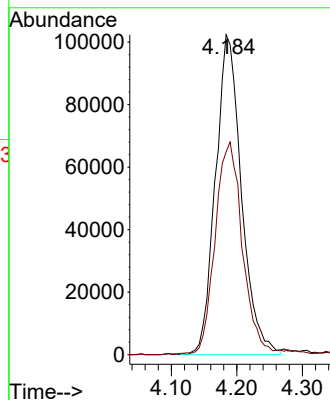
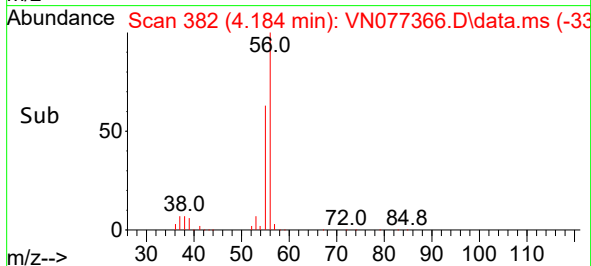
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 281479
Ion Ratio Lower Upper
56 100
55 69.6 54.2 81.2

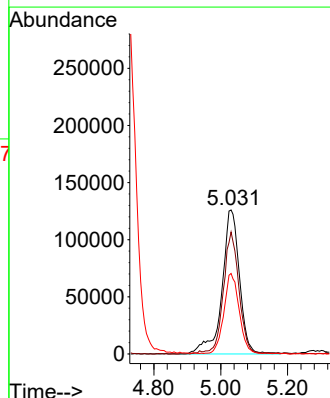
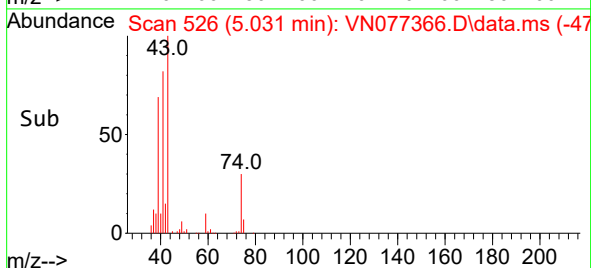
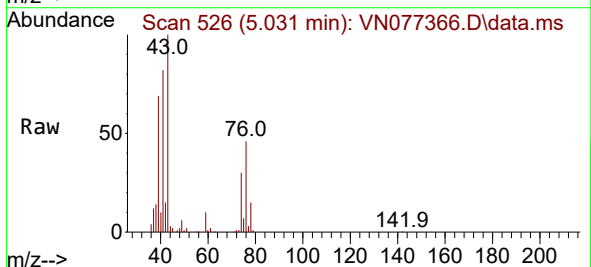
Manual Integrations
APPROVED

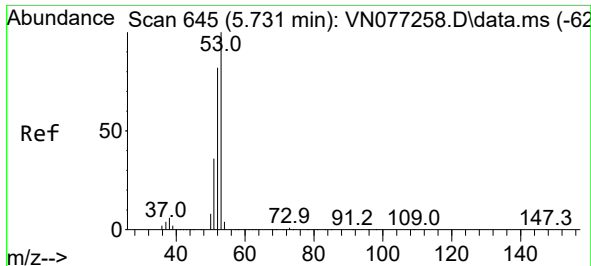
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#14
Allyl chloride
Concen: 45.834 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

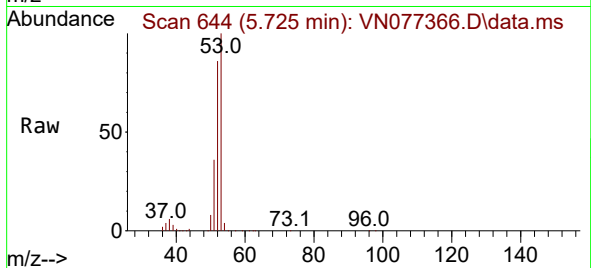
Tgt Ion: 41 Resp: 460261
Ion Ratio Lower Upper
41 100
39 75.6 55.0 82.4
76 47.9 35.4 53.2





#15
Acrylonitrile
Concen: 225.454 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

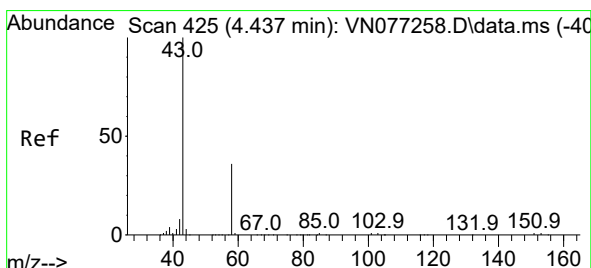
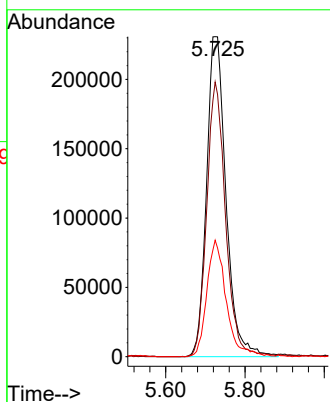
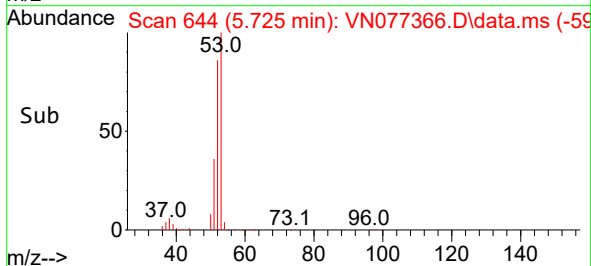
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



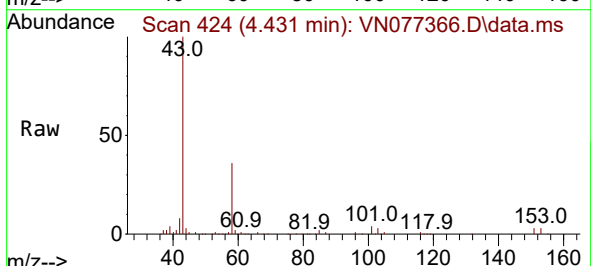
Tgt Ion: 53 Resp: 78894
Ion Ratio Lower Upper
53 100
52 82.7 65.2 97.8
51 36.3 28.1 42.1

Manual Integrations
APPROVED

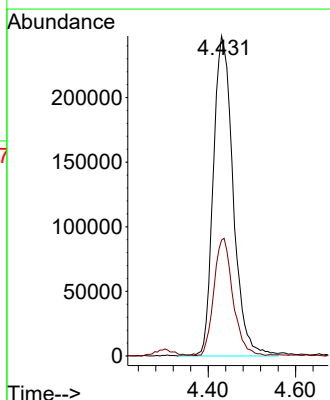
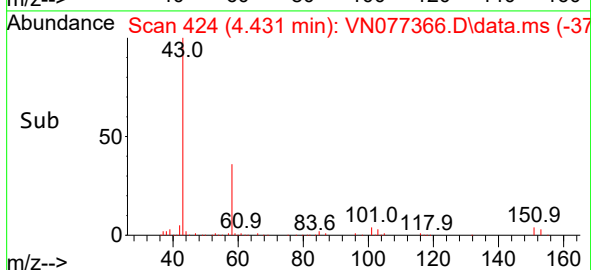
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

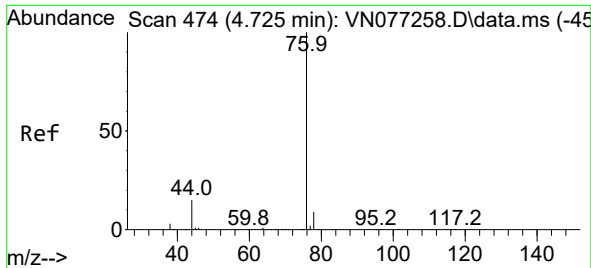


#16
Acetone
Concen: 272.718 ug/l
RT: 4.431 min Scan# 424
Delta R.T. -0.006 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55



Tgt Ion: 43 Resp: 780010
Ion Ratio Lower Upper
43 100
58 35.8 29.0 43.6





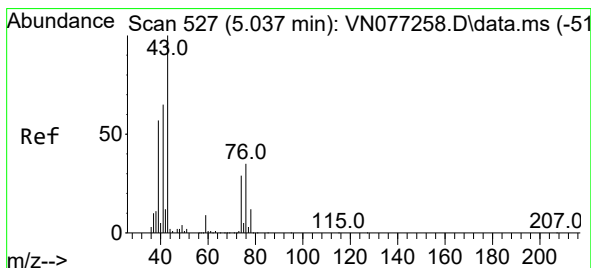
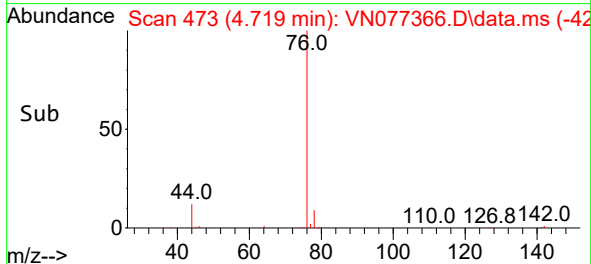
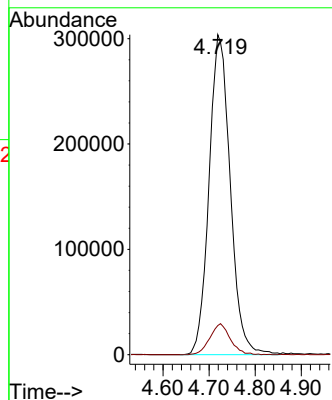
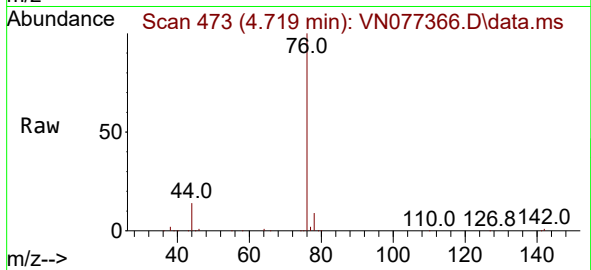
#17
Carbon Disulfide
Concen: 54.121 ug/l
RT: 4.719 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 970334
Ion Ratio Lower Upper
76 100
78 9.1 7.3 10.9

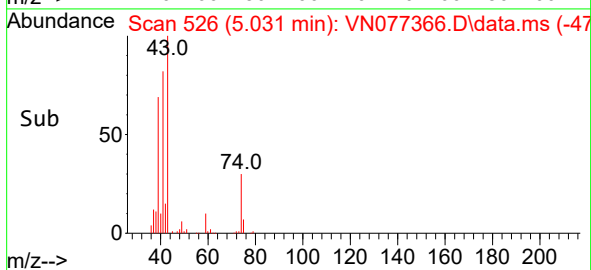
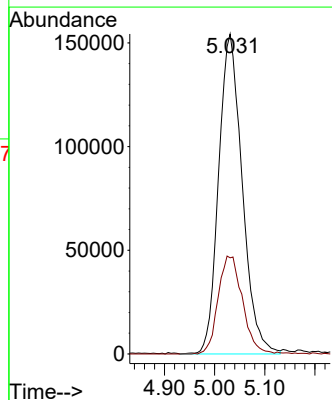
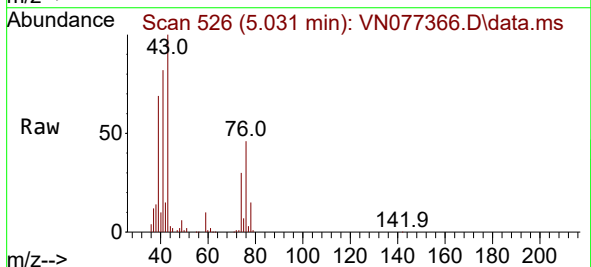
Manual Integrations
APPROVED

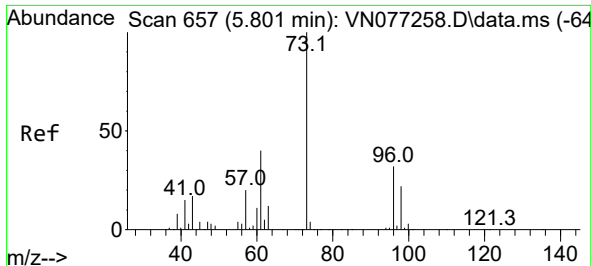
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#18
Methyl Acetate
Concen: 46.320 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

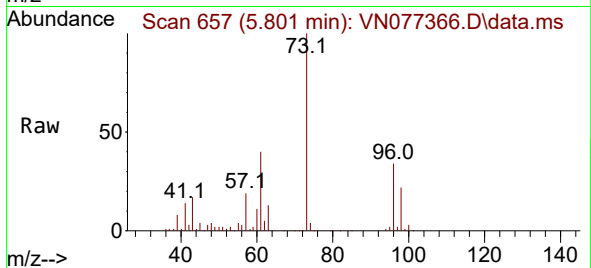
Tgt Ion: 43 Resp: 504568
Ion Ratio Lower Upper
43 100
74 31.4 23.4 35.2





#19
Methyl tert-butyl Ether
Concen: 54.451 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

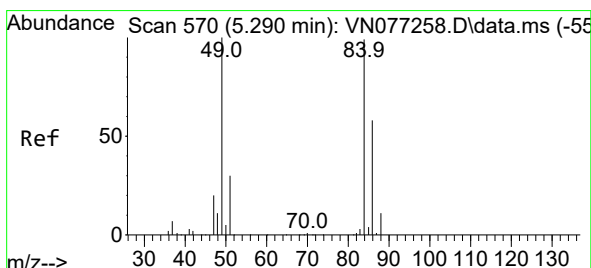
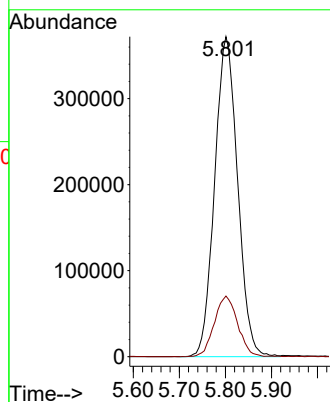
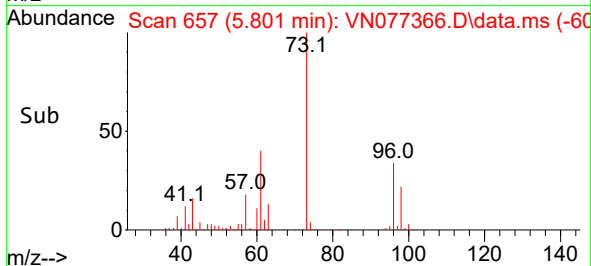
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 1284592
Ion Ratio Lower Upper
73 100
57 18.9 16.2 24.4

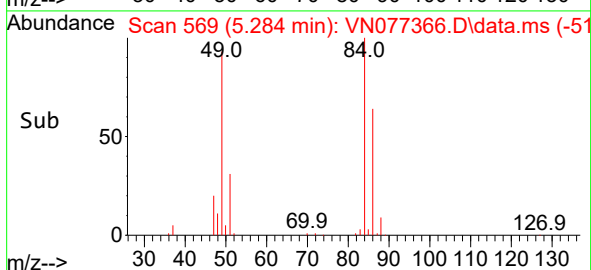
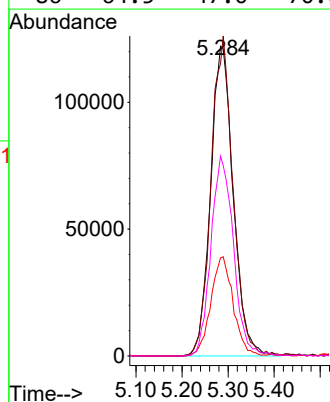
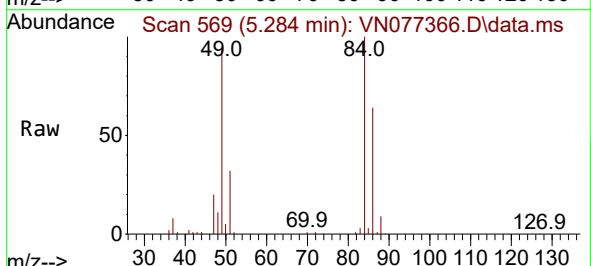
Manual Integrations
APPROVED

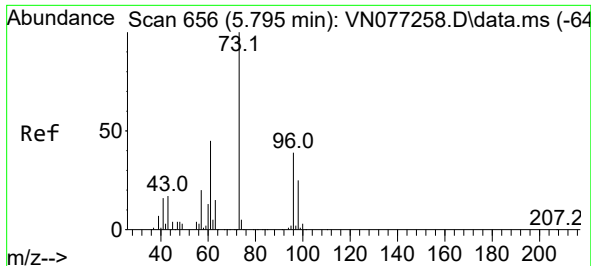
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#20
Methylene Chloride
Concen: 51.675 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

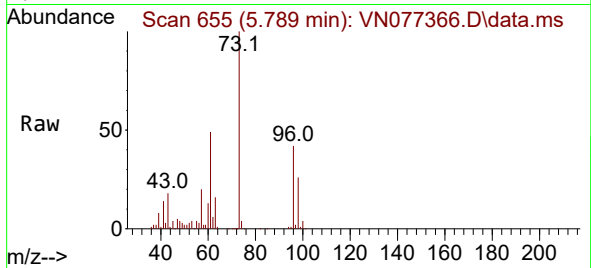
Tgt Ion: 84 Resp: 417409
Ion Ratio Lower Upper
84 100
49 94.3 80.6 121.0
51 31.7 24.4 36.6
86 64.5 47.0 70.6





#21
trans-1,2-Dichloroethene
Concen: 56.315 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

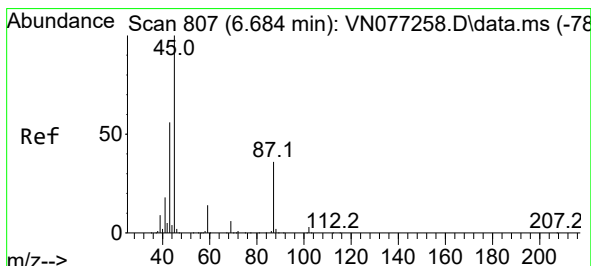
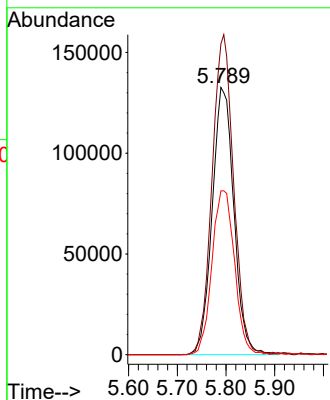
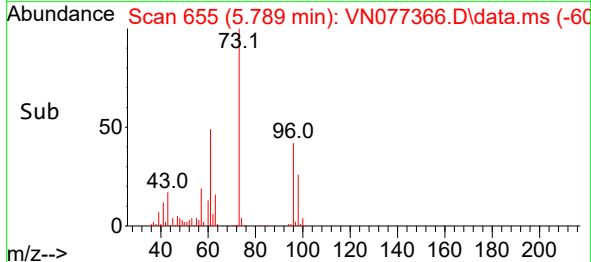
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 40996
Ion Ratio Lower Upper
96 100
61 116.3 93.8 140.6
98 61.3 50.9 76.3

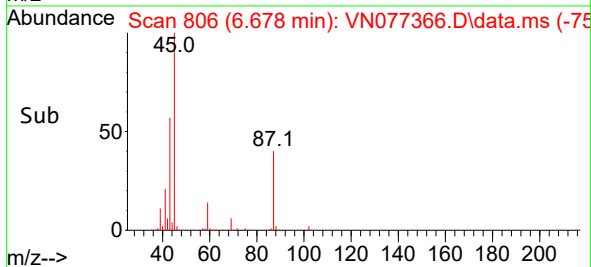
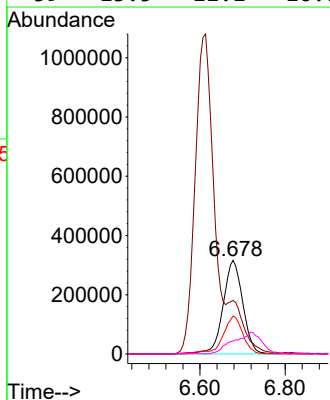
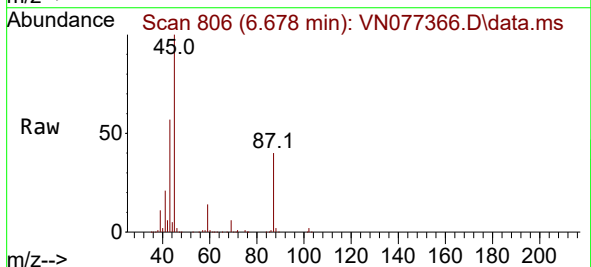
Manual Integrations
APPROVED

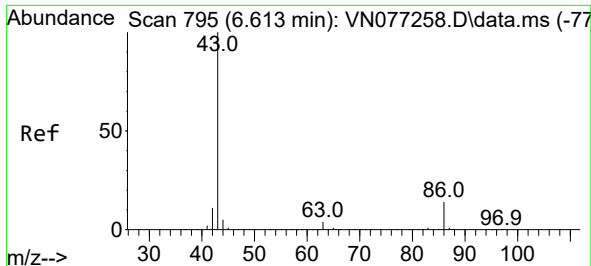
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#22
Diisopropyl ether
Concen: 50.197 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

Tgt Ion: 45 Resp: 1010587
Ion Ratio Lower Upper
45 100
43 55.7 44.6 66.8
87 40.4 28.4 42.6
59 13.5 11.1 16.7





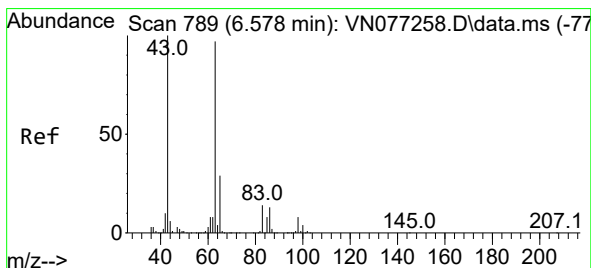
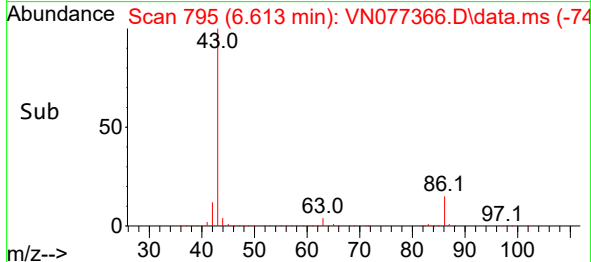
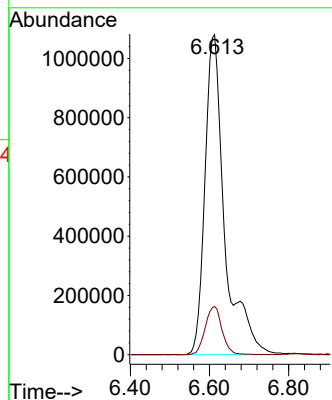
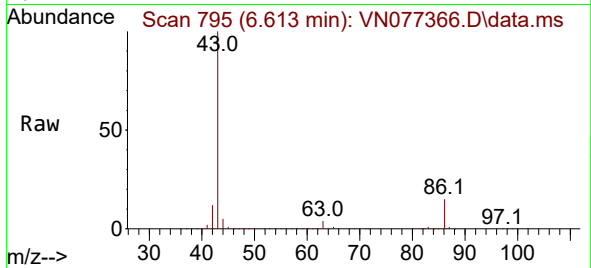
#23
 Vinyl Acetate
 Concen: 274.734 ug/l m
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077366.D
 Acq: 19 Apr 2023 10:55

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 373977
 Ion Ratio Lower Upper
 43 100
 86 15.1 11.2 16.8

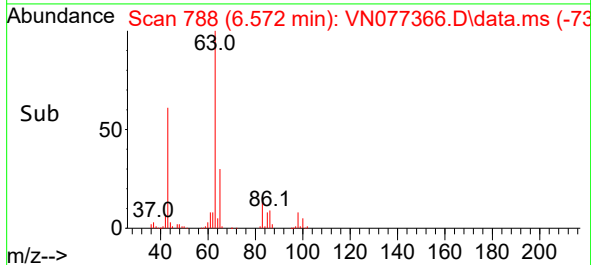
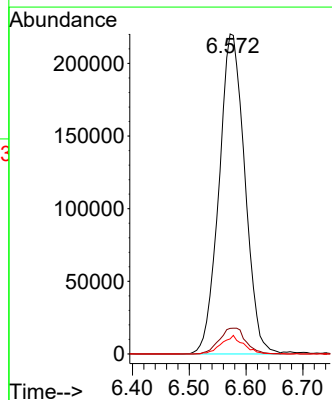
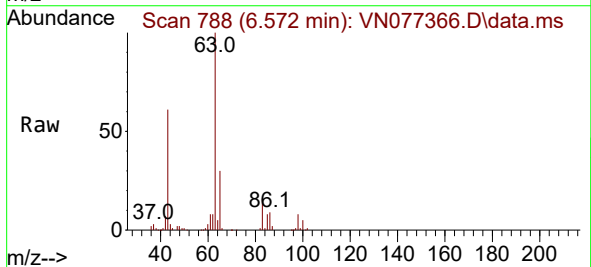
Manual Integrations
 APPROVED

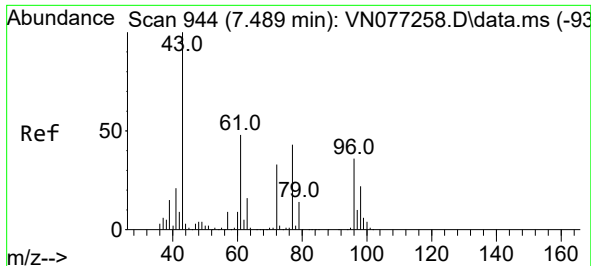
Reviewed By :John Carlone 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#24
 1,1-Dichloroethane
 Concen: 53.451 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN077366.D
 Acq: 19 Apr 2023 10:55

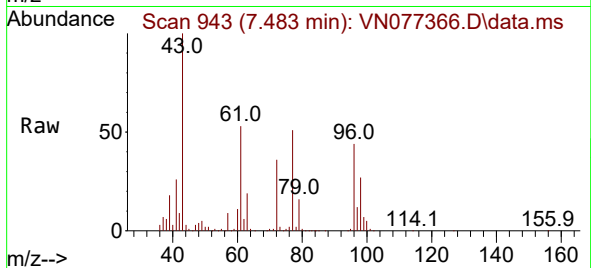
Tgt Ion: 63 Resp: 694879
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.0 12.0
 100 4.7 2.3 6.9





#25
2-Butanone
Concen: 218.354 ug/l
RT: 7.483 min Scan# 943
Delta R.T. -0.006 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

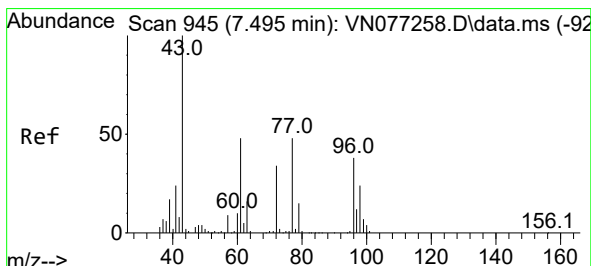
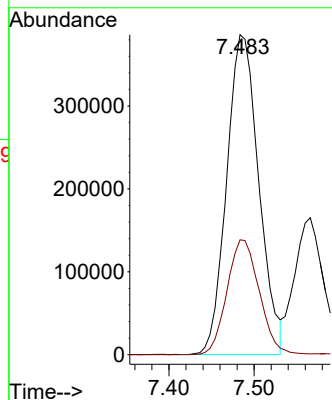
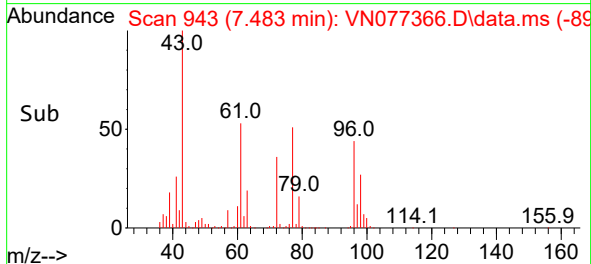
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 101357
Ion Ratio Lower Upper
43 100
72 35.9 26.6 39.8

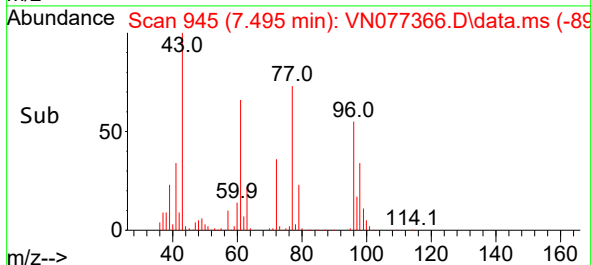
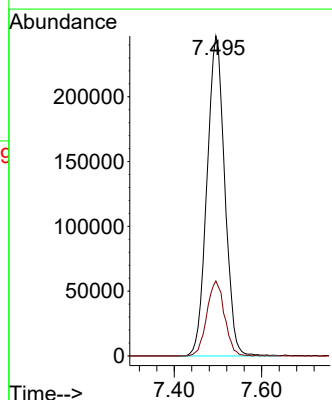
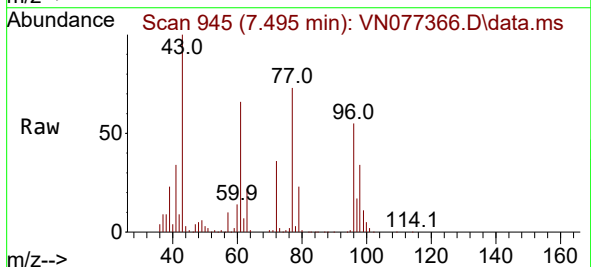
Manual Integrations
APPROVED

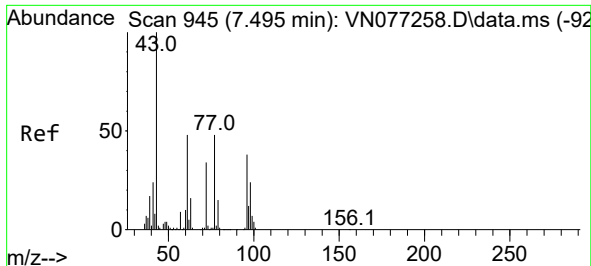
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#26
2,2-Dichloropropane
Concen: 58.482 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

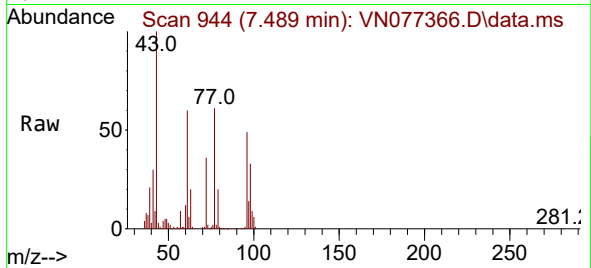
Tgt Ion: 77 Resp: 697162
Ion Ratio Lower Upper
77 100
97 23.4 12.0 36.1





#27
 cis-1,2-Dichloroethene
 Concen: 55.388 ug/l
 RT: 7.489 min Scan# 945
 Delta R.T. -0.006 min
 Lab File: VN077366.D
 Acq: 19 Apr 2023 10:55

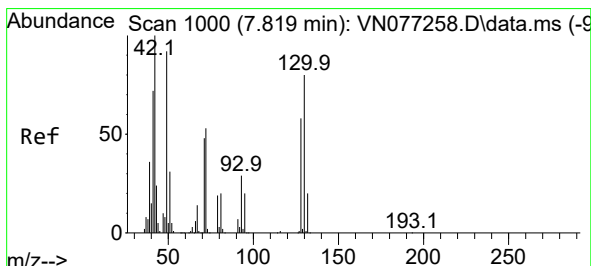
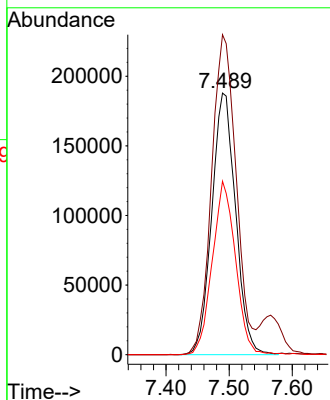
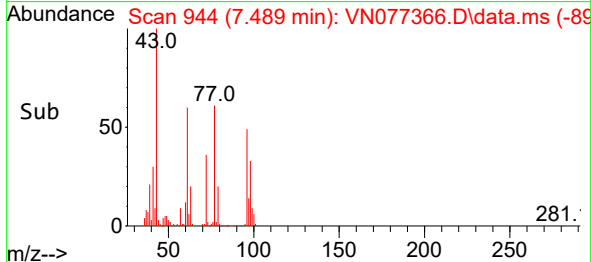
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 492392
 Ion Ratio Lower Upper
 96 100
 61 126.5 0.0 261.0
 98 64.7 0.0 128.0

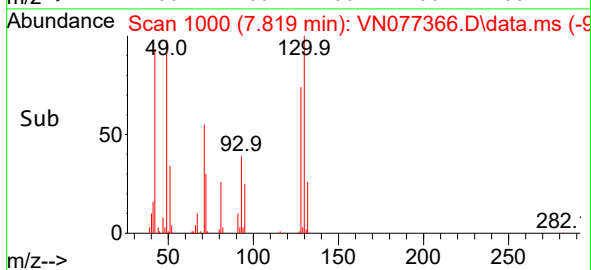
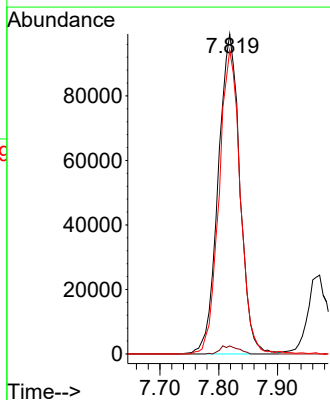
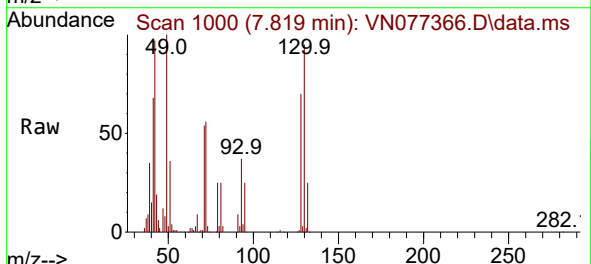
Manual Integrations
 APPROVED

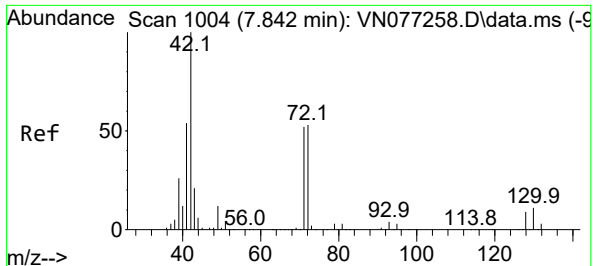
Reviewed By :John Carlone 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023



#28
 Bromochloromethane
 Concen: 48.649 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077366.D
 Acq: 19 Apr 2023 10:55

Tgt Ion: 49 Resp: 254409
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.4
 130 92.4 68.4 102.6





#29

Tetrahydrofuran

Concen: 206.420 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077366.D

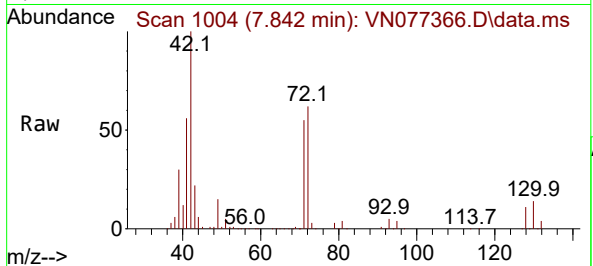
Acq: 19 Apr 2023 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



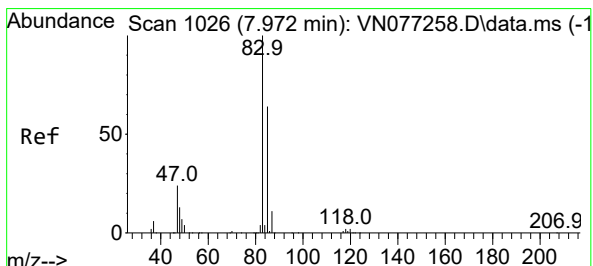
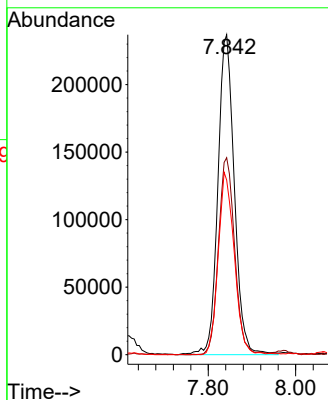
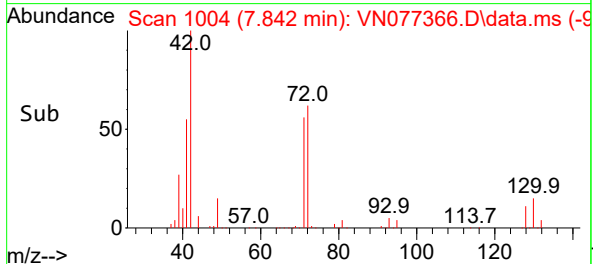
Tgt Ion:	42	72	71
Ratio	100	61.0	55.7
Lower		44.6	41.3
Upper		66.8	61.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#30

Chloroform

Concen: 56.548 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077366.D

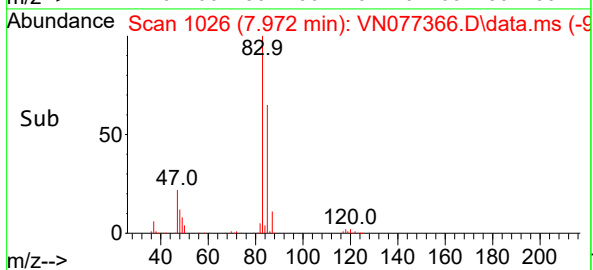
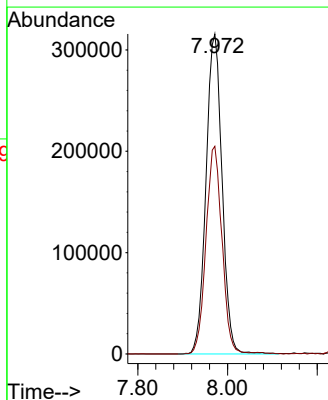
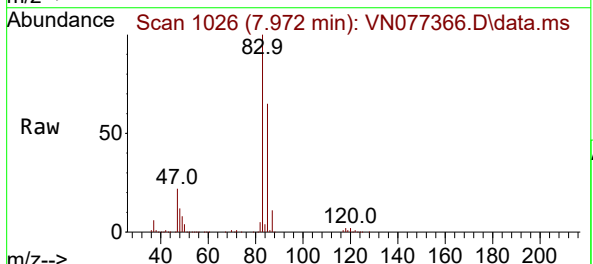
Acq: 19 Apr 2023 10:55

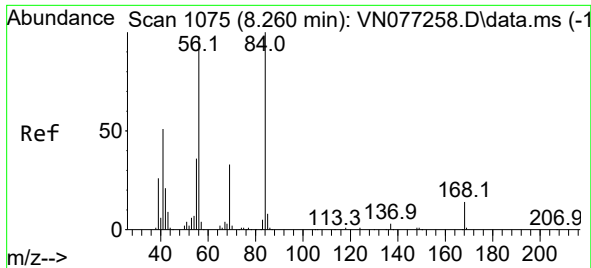
Tgt Ion: 83 Resp: 783960

Ion Ratio Lower Upper

83 100

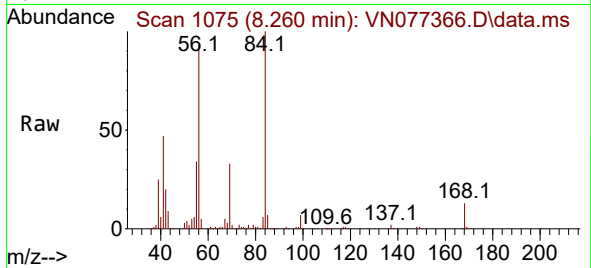
85 64.9 50.9 76.3





#31
Cyclohexane
Concen: 50.065 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

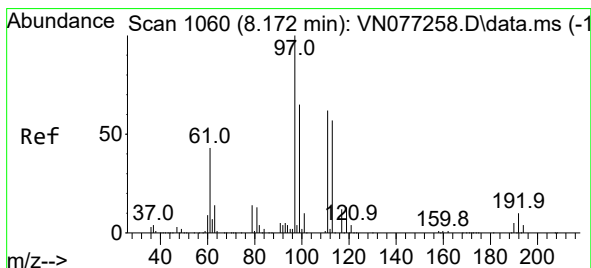
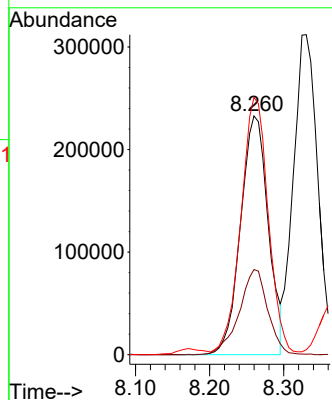
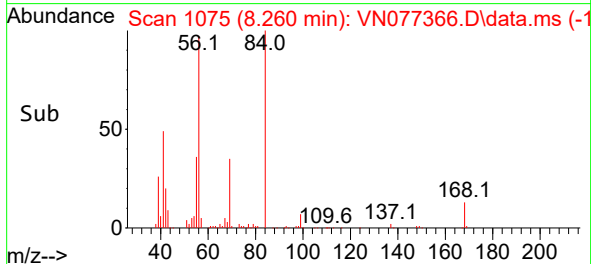
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



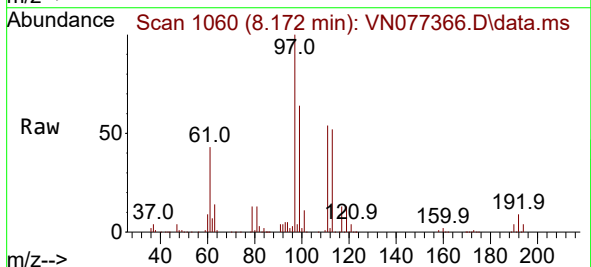
Tgt Ion: 56 Resp: 603470
Ion Ratio Lower Upper
56 100
69 35.7 26.6 40.0
84 106.0 81.8 122.8

Manual Integrations
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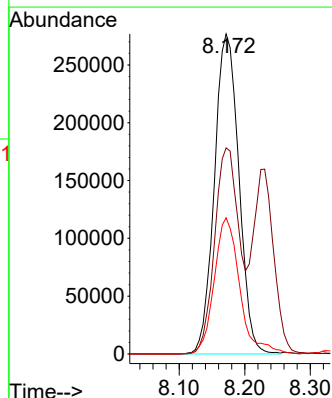
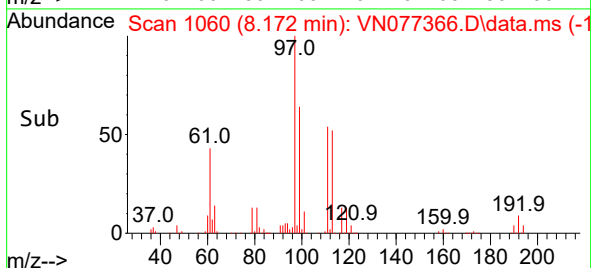
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

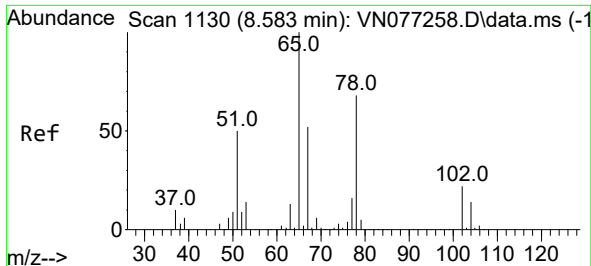


#32
1,1,1-Trichloroethane
Concen: 56.777 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55



Tgt Ion: 97 Resp: 715858
Ion Ratio Lower Upper
97 100
99 64.2 54.2 81.4
61 44.4 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 50.650 ug/l

RT: 8.577 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VN077366.D

Acq: 19 Apr 2023 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 39290

Ion Ratio Lower Upper

65 100

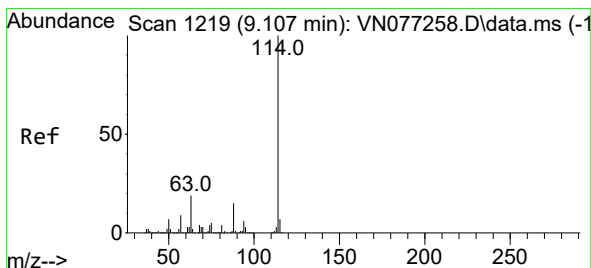
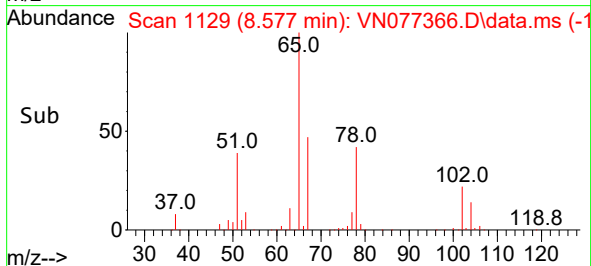
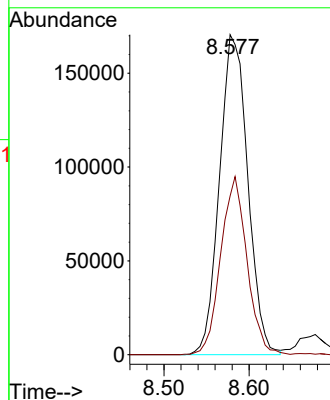
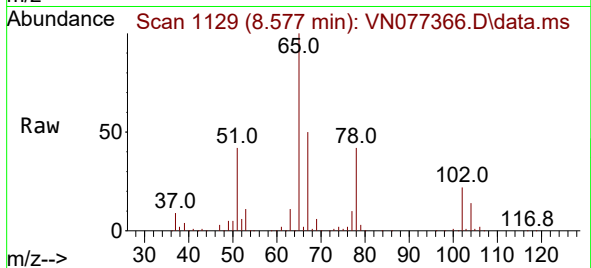
67 51.8 0.0 108.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077366.D

Acq: 19 Apr 2023 10:55

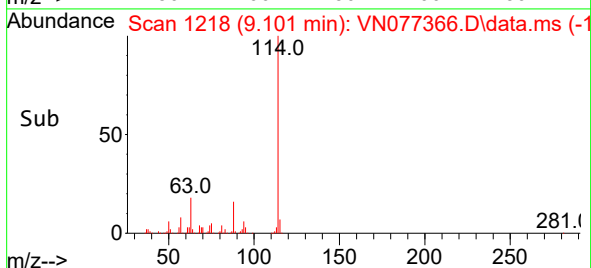
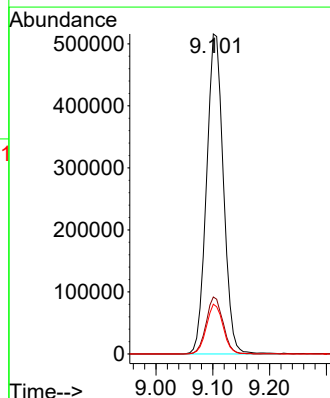
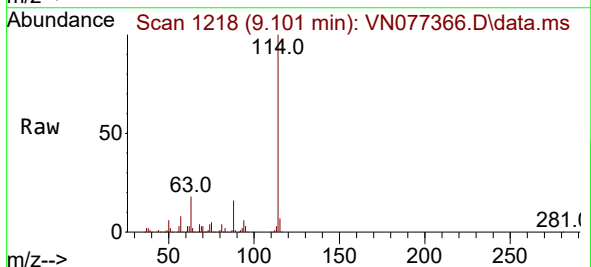
Tgt Ion:114 Resp: 1059411

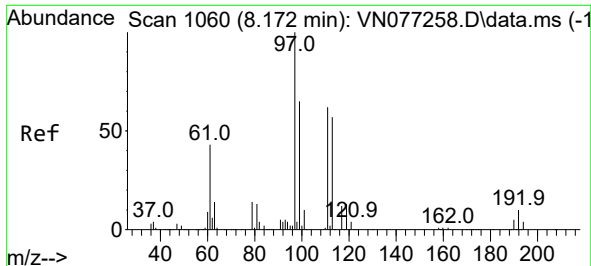
Ion Ratio Lower Upper

114 100

63 17.8 0.0 37.8

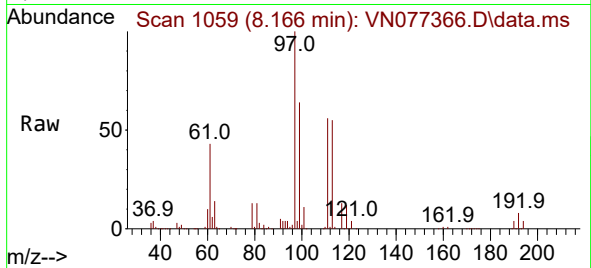
88 15.5 0.0 29.4





#35
Dibromofluoromethane
Concen: 52.250 ug/l
RT: 8.166 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

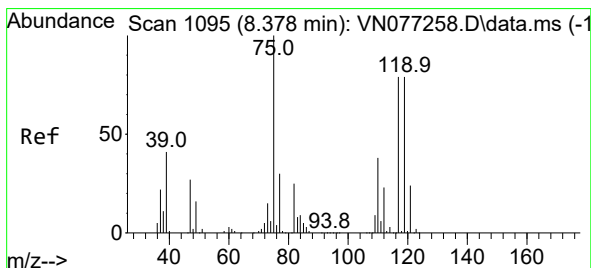
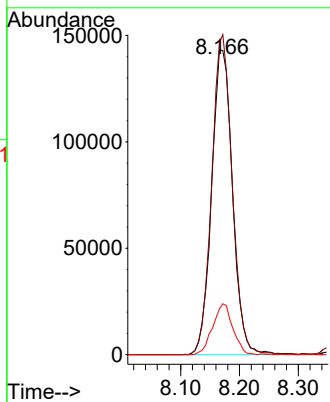
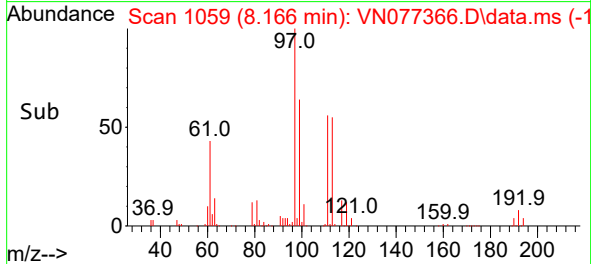
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 354360
Ion Ratio Lower Upper
113 100
111 102.4 83.4 125.0
192 16.0 13.5 20.3

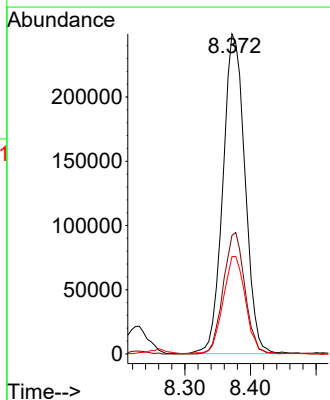
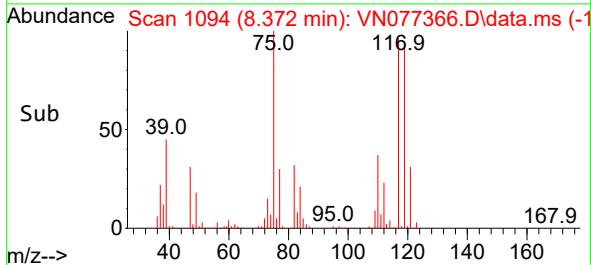
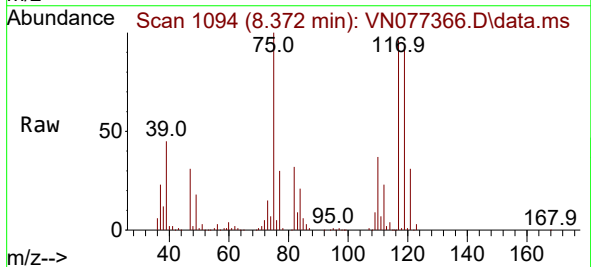
Manual Integrations
APPROVED

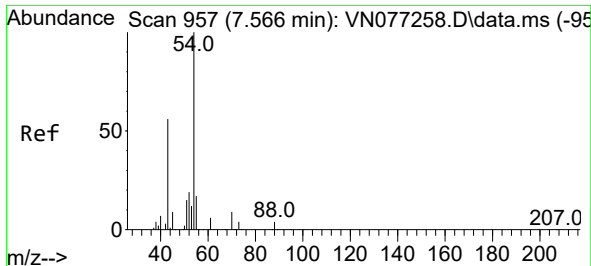
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#36
1,1-Dichloropropene
Concen: 58.022 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.006 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

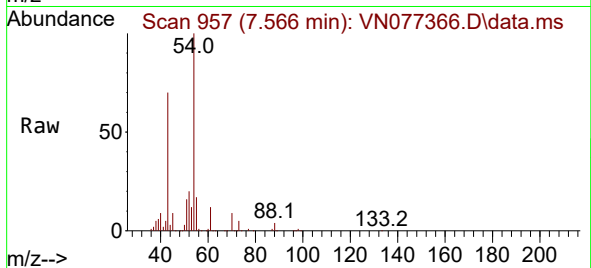
Tgt Ion: 75 Resp: 581999
Ion Ratio Lower Upper
75 100
110 37.3 17.8 53.5
77 30.8 25.0 37.4





#37
Ethyl Acetate
Concen: 44.450 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

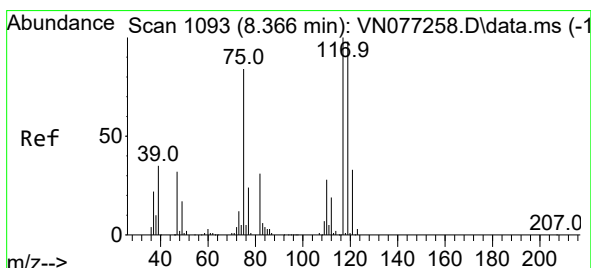
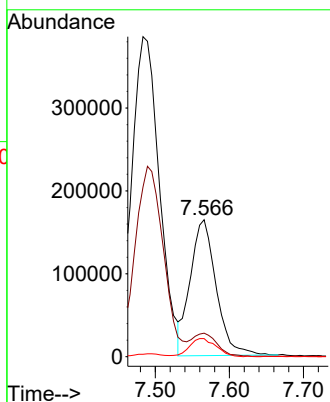
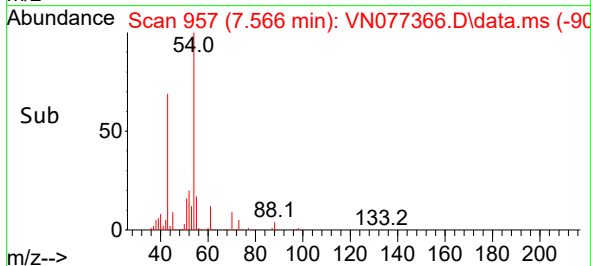
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 398918
Ion Ratio Lower Upper
43 100
61 16.2 12.2 18.2
70 13.8 10.0 15.0

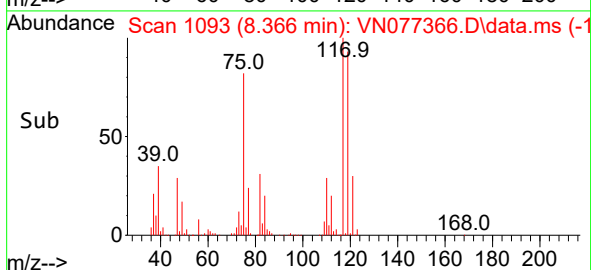
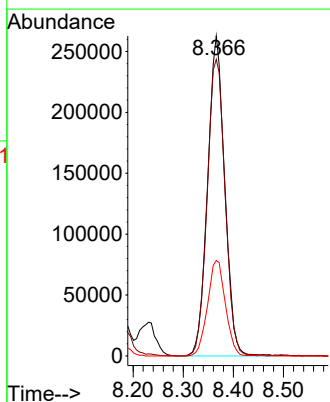
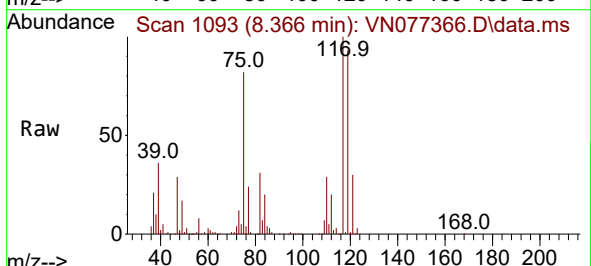
Manual Integrations
APPROVED

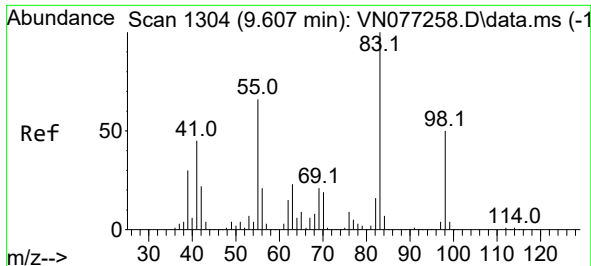
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#38
Carbon Tetrachloride
Concen: 60.598 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

Tgt Ion:117 Resp: 622749
Ion Ratio Lower Upper
117 100
119 92.7 78.5 117.7
121 29.9 26.6 40.0





#39

Methylcyclohexane

Concen: 58.365 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VN077366.D

Acq: 19 Apr 2023 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

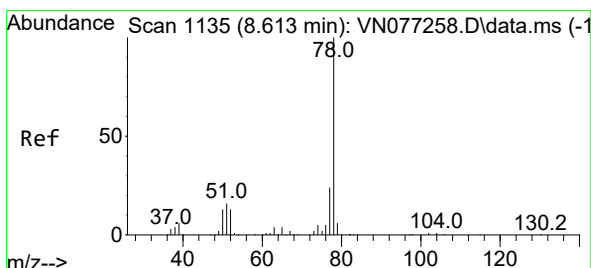
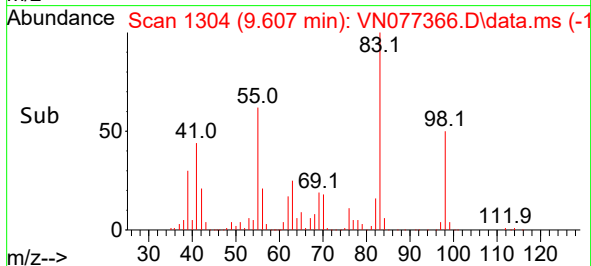
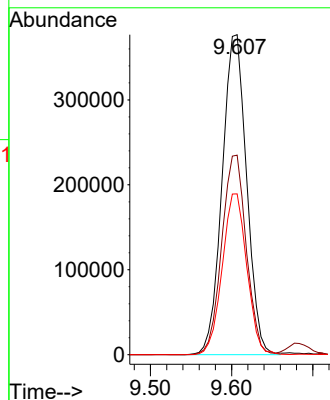
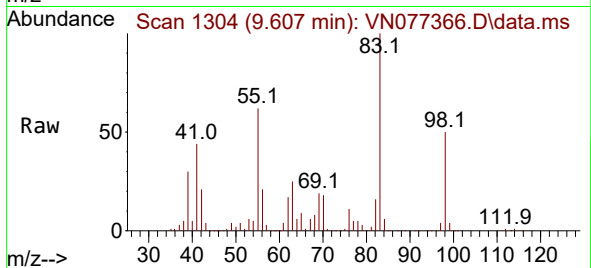
Tgt Ion: 83 Resp: 789420
 Ion Ratio Lower Upper
 83 100
 55 62.4 52.4 78.6
 98 50.3 39.8 59.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#40

Benzene

Concen: 55.321 ug/l

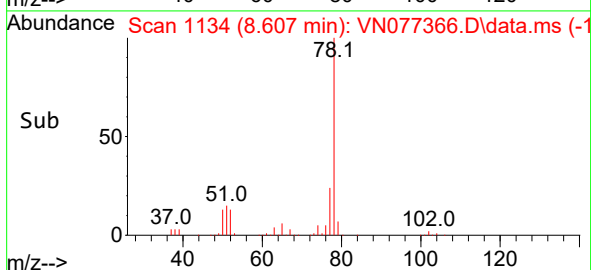
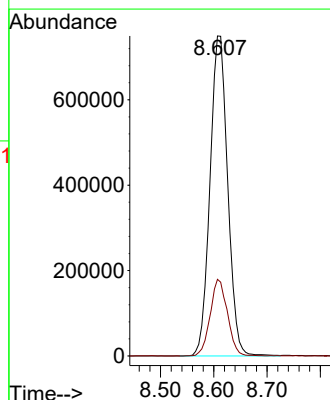
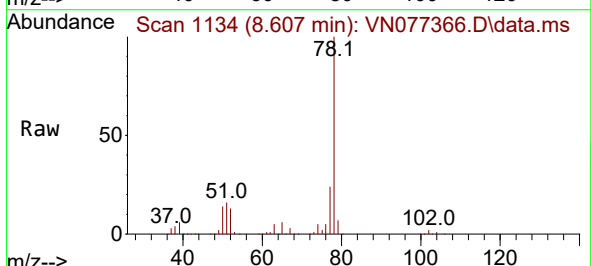
RT: 8.607 min Scan# 1134

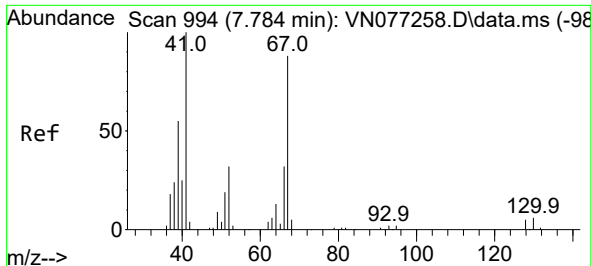
Delta R.T. -0.006 min

Lab File: VN077366.D

Acq: 19 Apr 2023 10:55

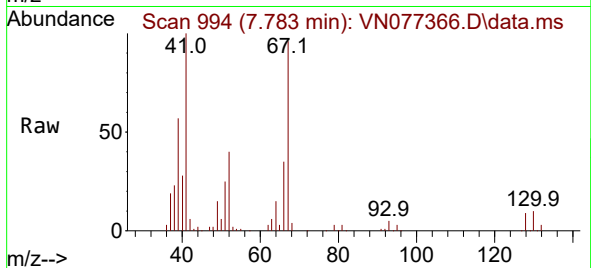
Tgt Ion: 78 Resp: 1730824
 Ion Ratio Lower Upper
 78 100
 77 23.9 19.5 29.3





#41
Methacrylonitrile
Concen: 44.176 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.001 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

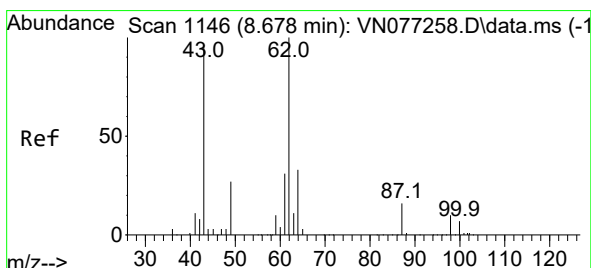
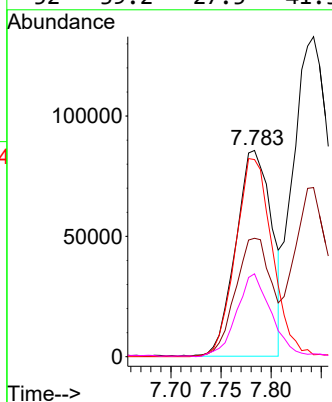
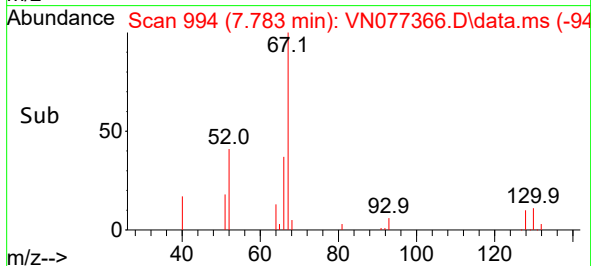
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



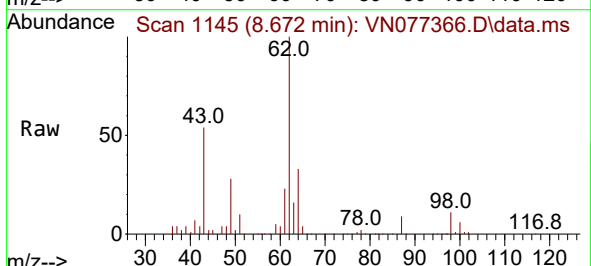
Tgt Ion: 41 Resp: 21310
Ion Ratio Lower Upper
41 100
39 57.2 44.1 66.1
67 99.6 71.4 107.2
52 39.2 27.5 41.3

Manual Integrations
APPROVED

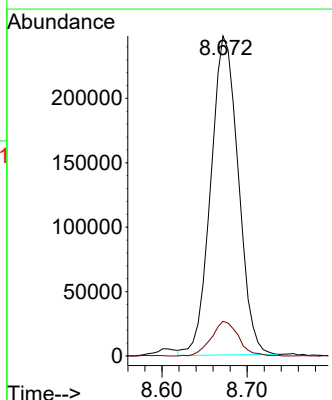
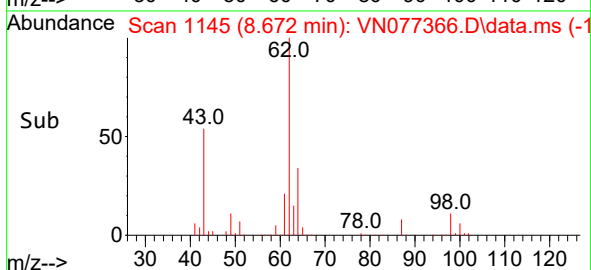
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

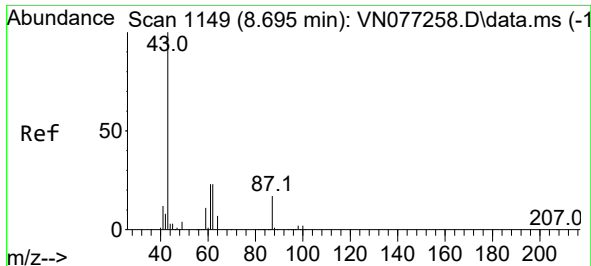


#42
1,2-Dichloroethane
Concen: 57.789 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55



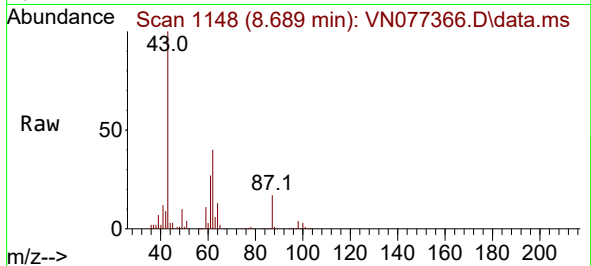
Tgt Ion: 62 Resp: 556466
Ion Ratio Lower Upper
62 100
98 10.8 0.0 20.2





#43
Isopropyl Acetate
Concen: 45.601 ug/l
RT: 8.689 min Scan# 1148
Delta R.T. -0.006 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

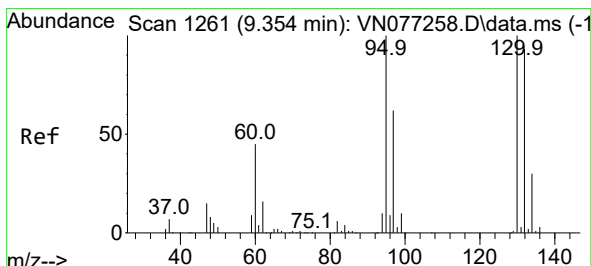
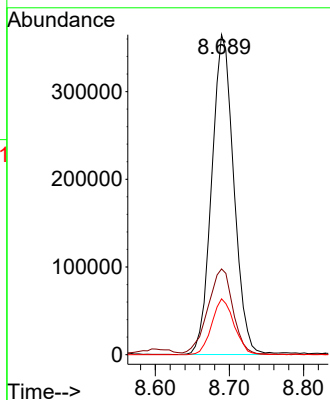
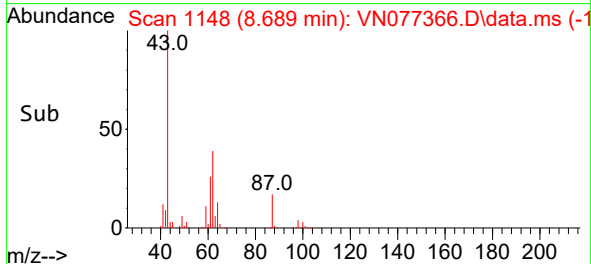
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 755158
Ion Ratio Lower Upper
43 100
61 30.7 22.7 34.1
87 17.7 13.6 20.4

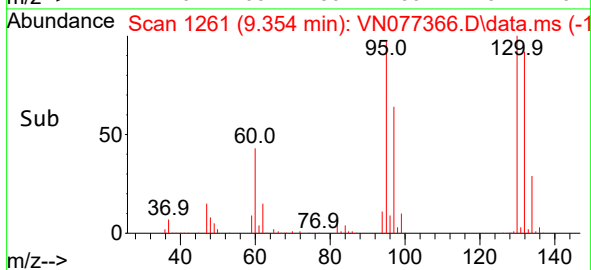
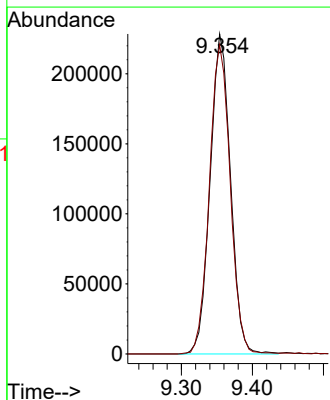
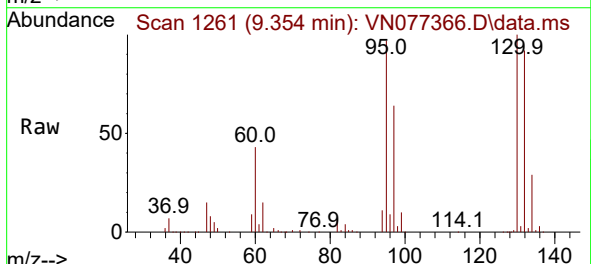
Manual Integrations
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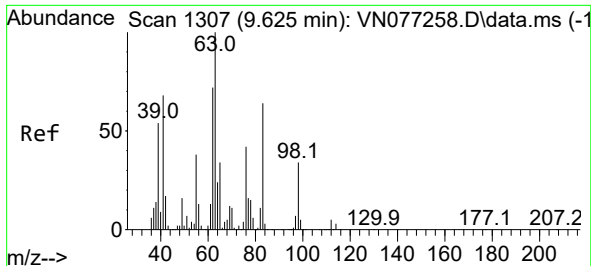
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#44
Trichloroethene
Concen: 60.790 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

Tgt Ion:130 Resp: 455078
Ion Ratio Lower Upper
130 100
95 96.6 0.0 200.2





#45

1,2-Dichloropropane

Concen: 54.968 ug/l

RT: 9.624 min Scan# 1307

Delta R.T. -0.001 min

Lab File: VN077366.D

Acq: 19 Apr 2023 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 40844

Ion Ratio Lower Upper

63 100

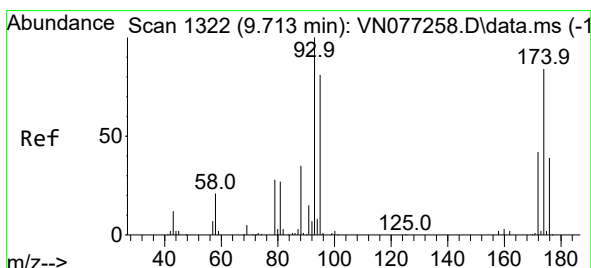
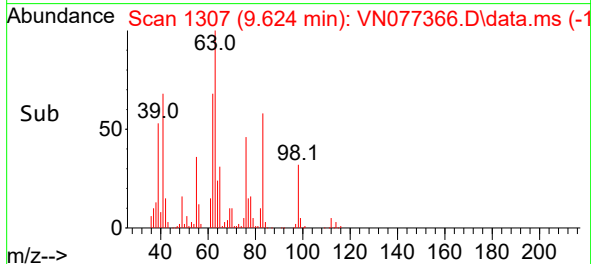
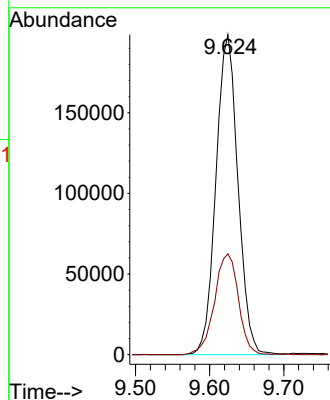
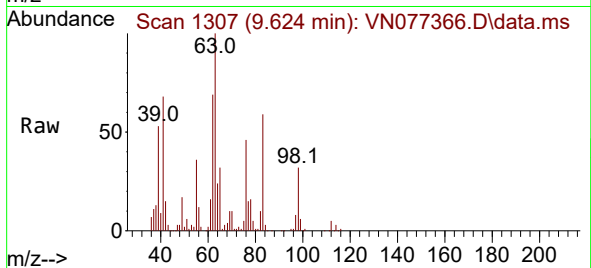
65 31.5 27.1 40.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#46

Dibromomethane

Concen: 55.359 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN077366.D

Acq: 19 Apr 2023 10:55

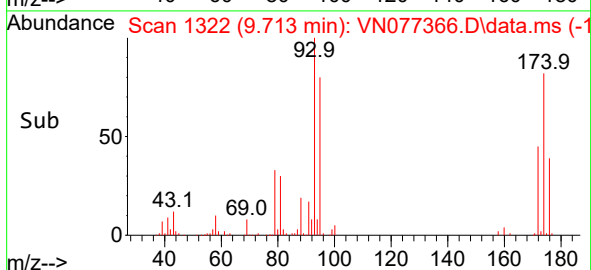
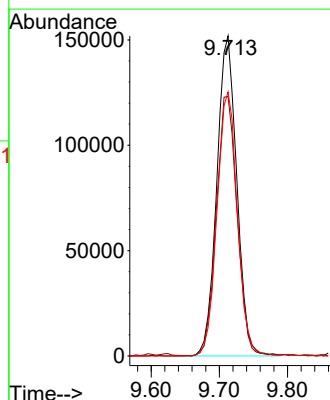
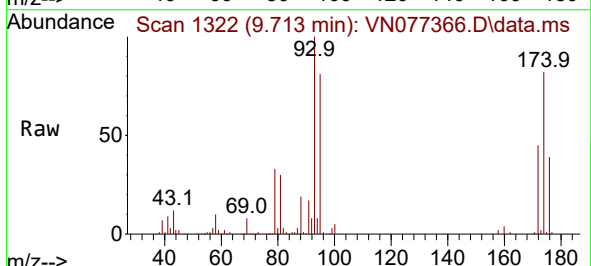
Tgt Ion: 93 Resp: 309920

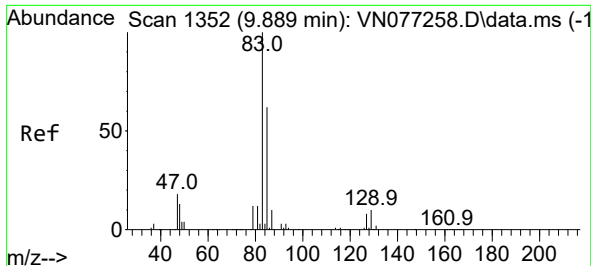
Ion Ratio Lower Upper

93 100

95 83.9 65.8 98.6

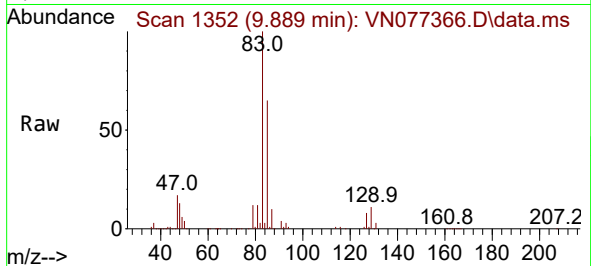
174 83.8 66.0 99.0





#47
Bromodichloromethane
Concen: 56.919 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

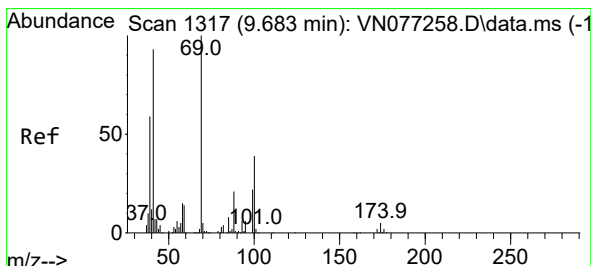
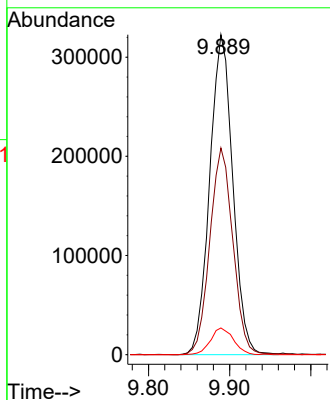
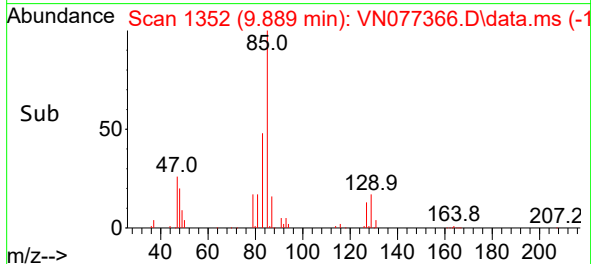
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



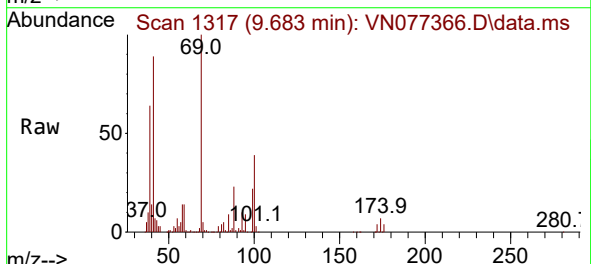
Tgt Ion: 83 Resp: 63692
Ion Ratio Lower Upper
83 100
85 64.6 49.8 74.8
127 8.4 6.2 9.2

Manual Integrations
APPROVED

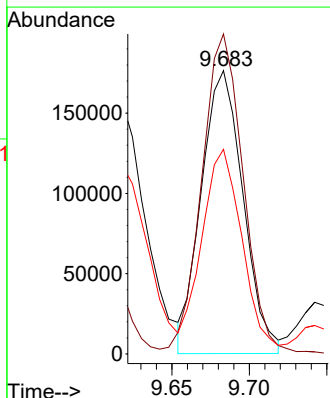
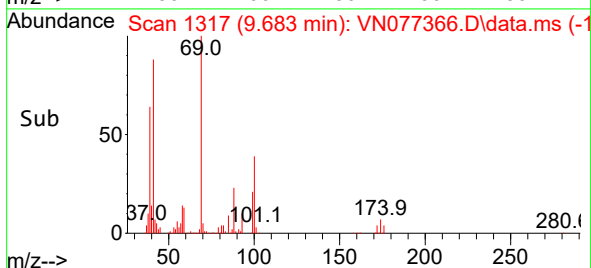
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

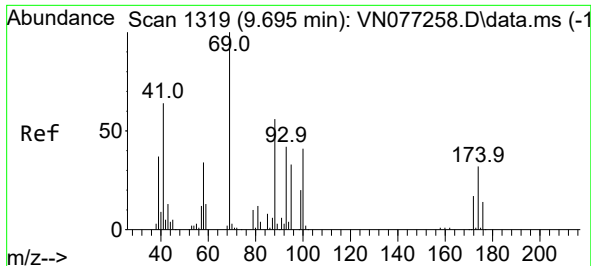


#48
Methyl methacrylate
Concen: 46.697 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55



Tgt Ion: 41 Resp: 329882
Ion Ratio Lower Upper
41 100
69 112.6 85.0 127.6
39 69.8 53.5 80.3





#49

1,4-Dioxane

Concen: 793.537 ug/l

RT: 9.701 min Scan# 1319

Delta R.T. 0.006 min

Lab File: VN077366.D

Acq: 19 Apr 2023 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 13591

Ion Ratio Lower Upper

88 100

43 21.3 17.0 25.6

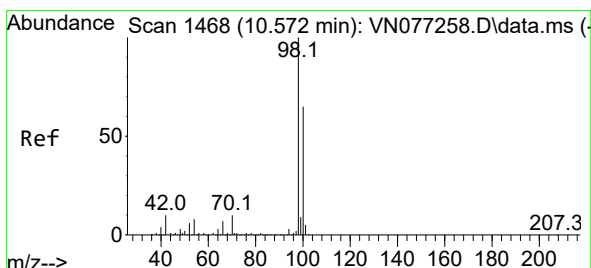
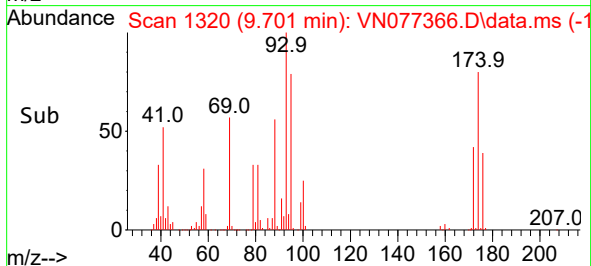
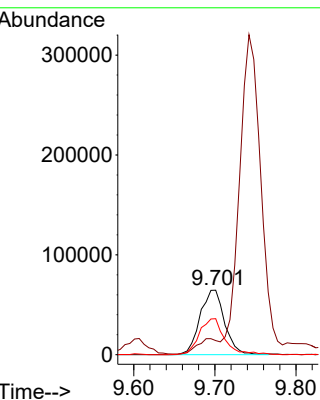
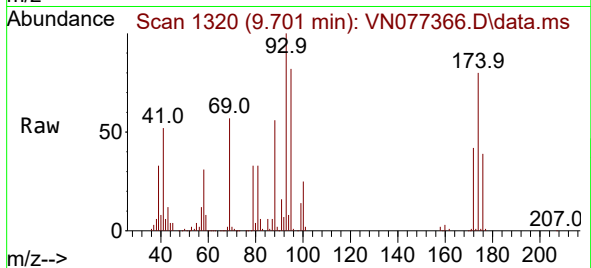
58 57.7 49.8 74.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#50

Toluene-d8

Concen: 48.444 ug/l

RT: 10.571 min Scan# 1468

Delta R.T. -0.001 min

Lab File: VN077366.D

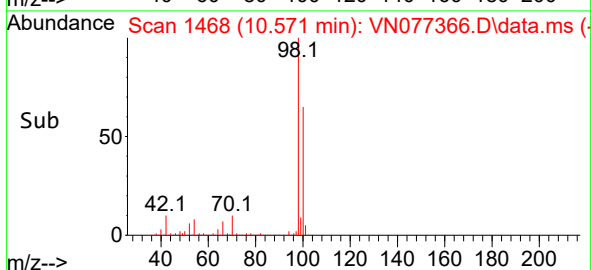
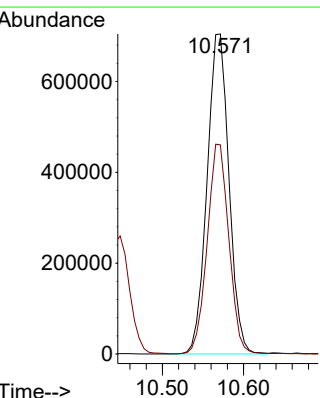
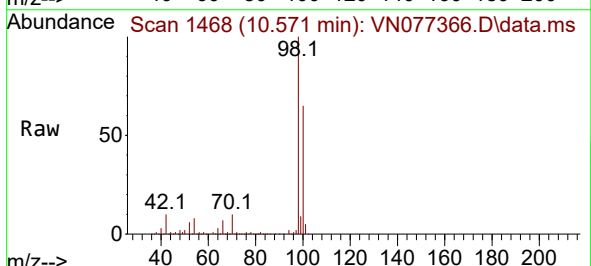
Acq: 19 Apr 2023 10:55

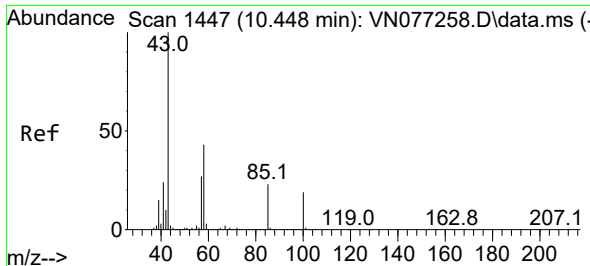
Tgt Ion: 98 Resp: 1322618

Ion Ratio Lower Upper

98 100

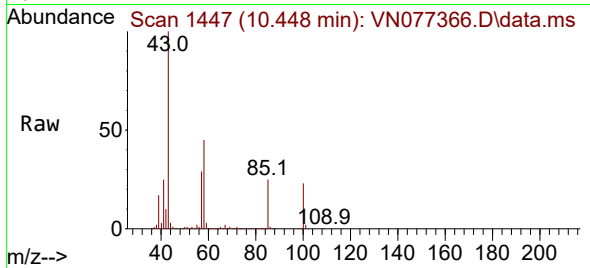
100 64.9 51.3 76.9





#51
4-Methyl-2-Pentanone
Concen: 217.190 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

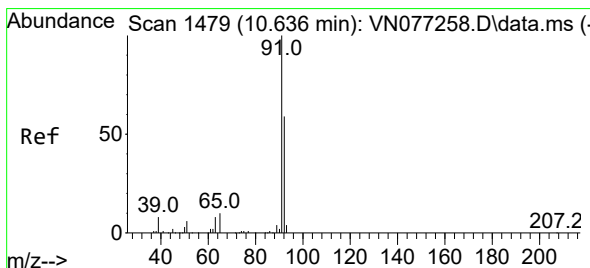
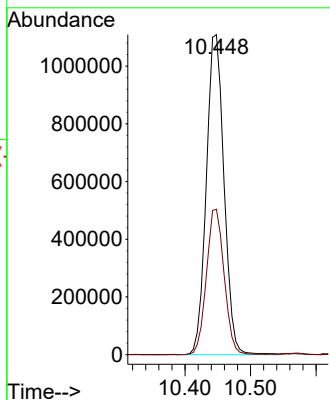
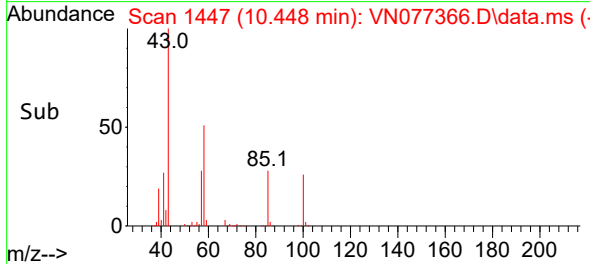
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 2078964
Ion Ratio Lower Upper
43 100
58 45.7 34.6 52.0

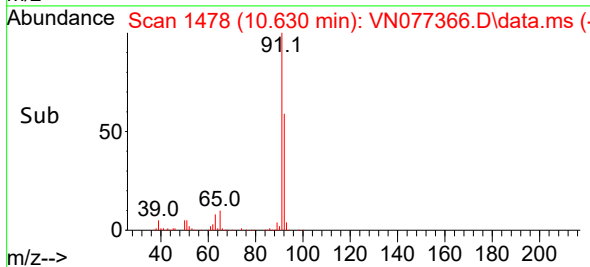
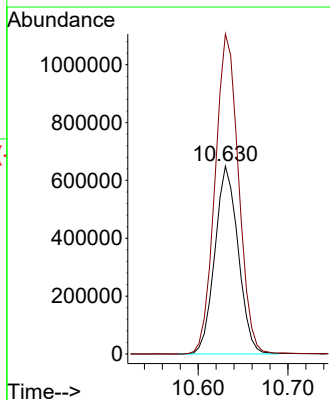
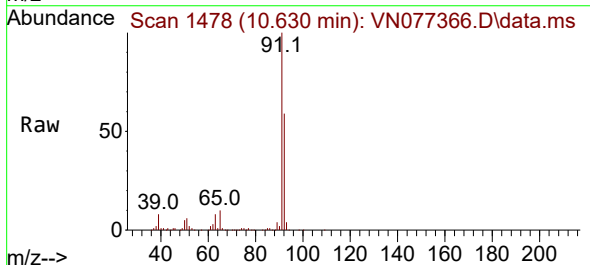
Manual Integrations
APPROVED

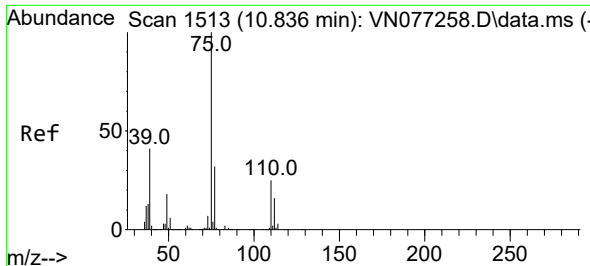
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#52
Toluene
Concen: 57.083 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

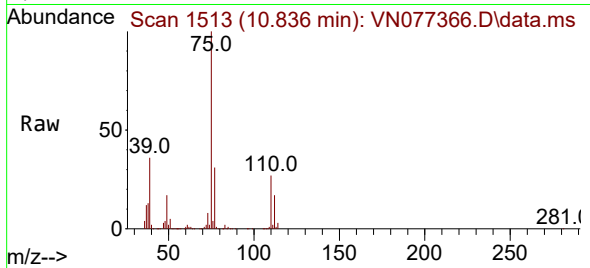
Tgt Ion: 92 Resp: 1168986
Ion Ratio Lower Upper
92 100
91 172.5 138.0 207.0





#53
t-1,3-Dichloropropene
Concen: 57.342 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

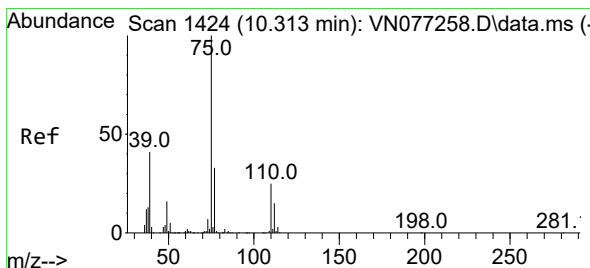
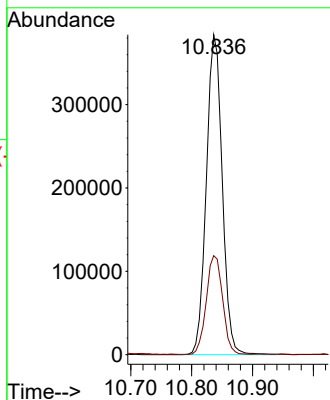
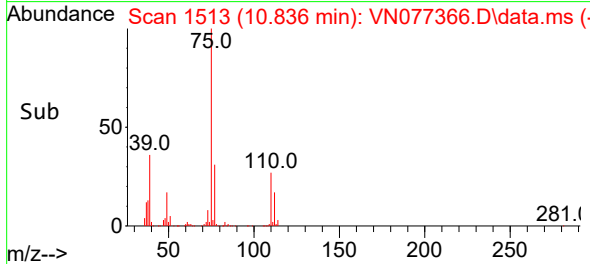
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



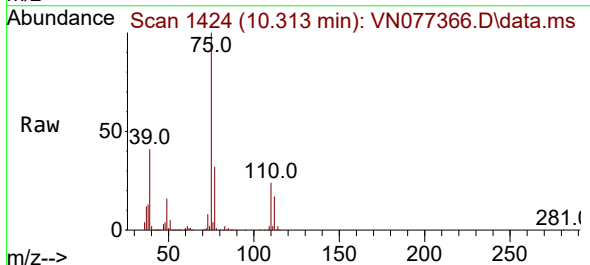
Tgt Ion: 75 Resp: 696758
Ion Ratio Lower Upper
75 100
77 30.9 25.4 38.0

Manual Integrations
APPROVED

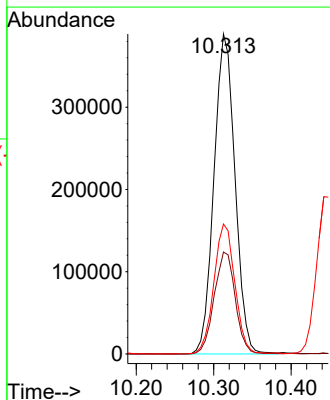
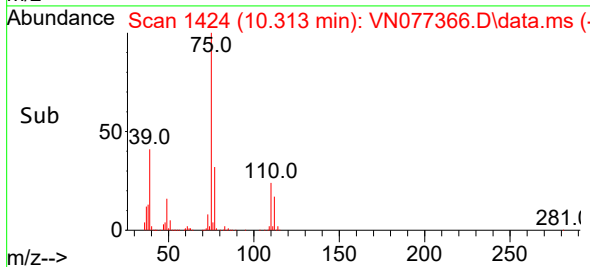
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

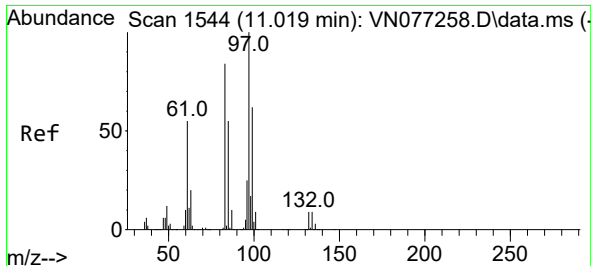


#54
cis-1,3-Dichloropropene
Concen: 56.680 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55



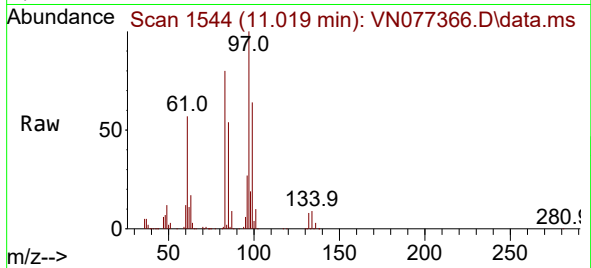
Tgt Ion: 75 Resp: 733609
Ion Ratio Lower Upper
75 100
77 31.9 26.7 40.1
39 40.5 32.8 49.2





#55
1,1,2-Trichloroethane
Concen: 55.318 ug/l
RT: 11.019 min Scan# 1519
Delta R.T. -0.001 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

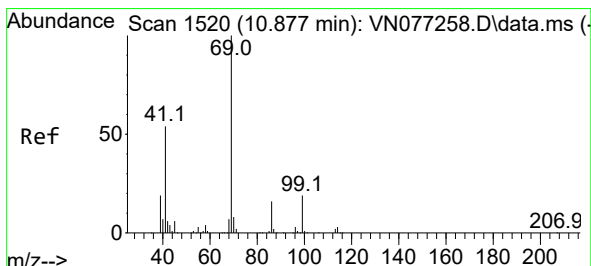
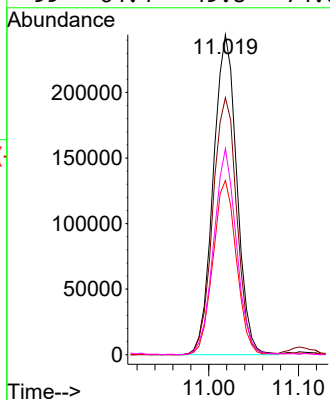
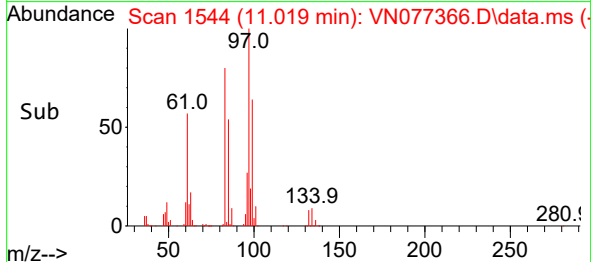
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



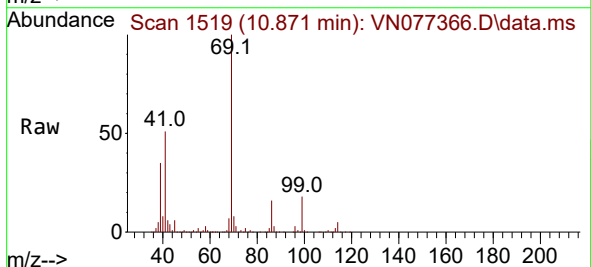
Tgt Ion: 97 Resp: 444688
Ion Ratio Lower Upper
97 100
83 80.3 67.4 101.2
85 54.4 44.1 66.1
99 64.4 49.8 74.6

Manual Integrations
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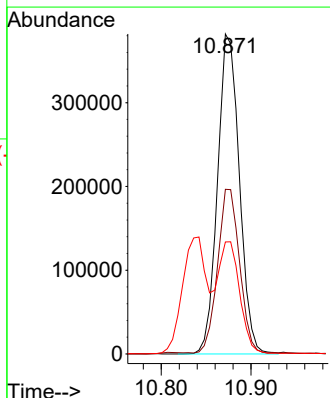
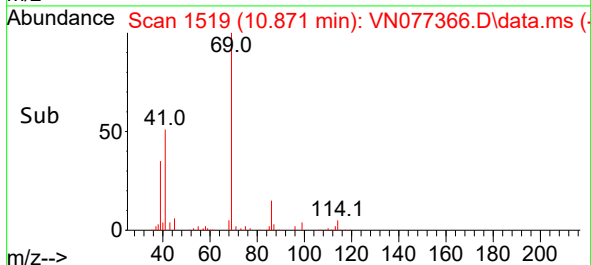
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

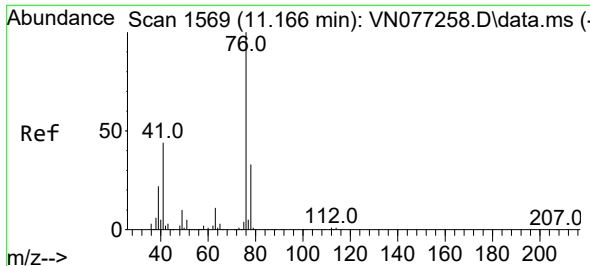


#56
Ethyl methacrylate
Concen: 51.549 ug/l
RT: 10.871 min Scan# 1519
Delta R.T. -0.006 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55



Tgt Ion: 69 Resp: 645448
Ion Ratio Lower Upper
69 100
41 51.6 42.8 64.2
39 36.1 27.0 40.4





#57

1,3-Dichloropropane

Concen: 54.482 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077366.D

Acq: 19 Apr 2023 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 72357

Ion Ratio Lower Upper

76 100

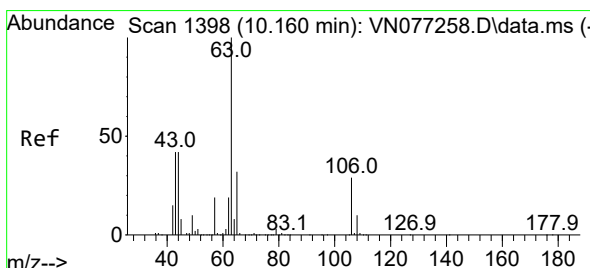
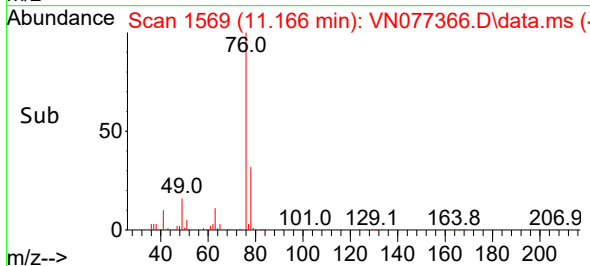
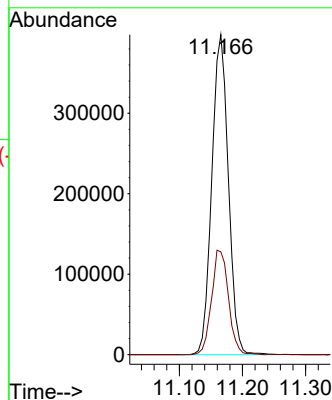
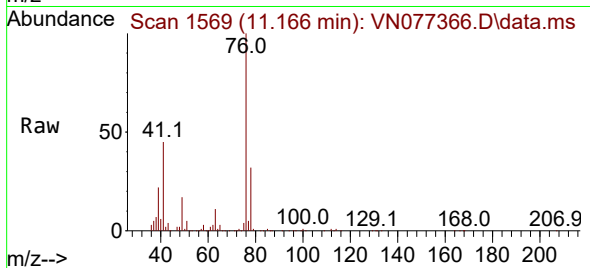
78 33.3 26.2 39.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#58

2-Chloroethyl Vinyl ether

Concen: 213.196 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077366.D

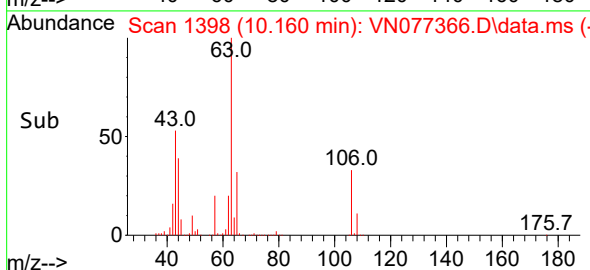
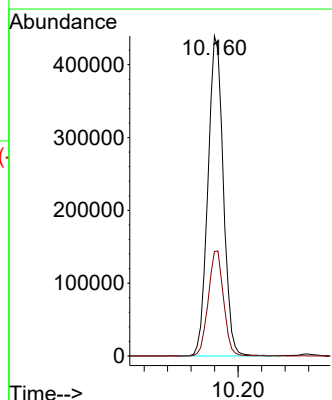
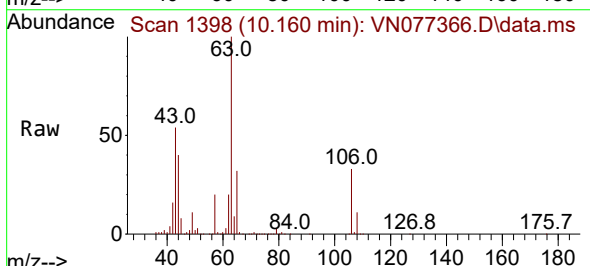
Acq: 19 Apr 2023 10:55

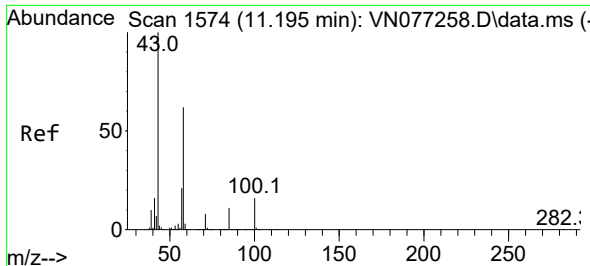
Tgt Ion: 63 Resp: 794634

Ion Ratio Lower Upper

63 100

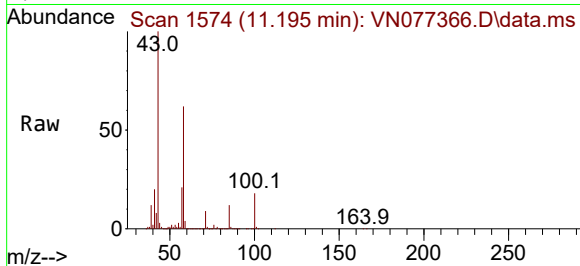
106 32.7 24.1 36.1





#59
2-Hexanone
Concen: 223.052 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

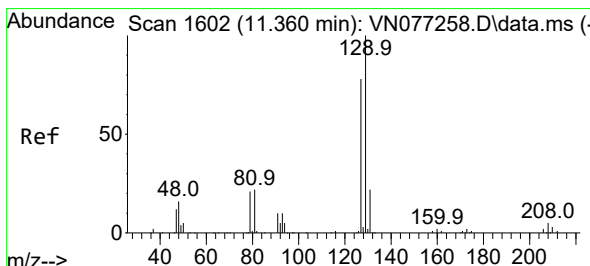
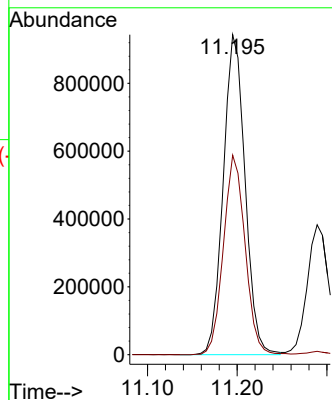
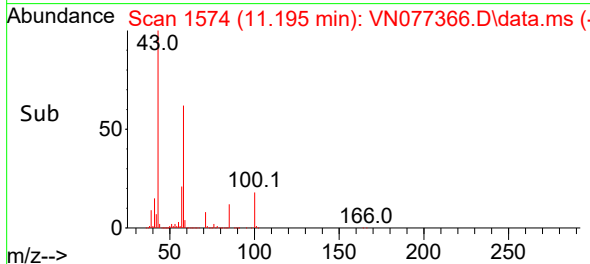
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



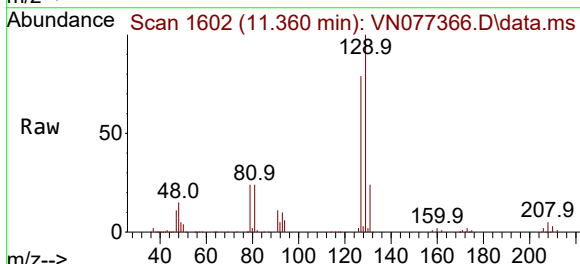
Tgt Ion: 43 Resp: 1590639
Ion Ratio Lower Upper
43 100
58 62.1 30.9 92.5

Manual Integrations
APPROVED

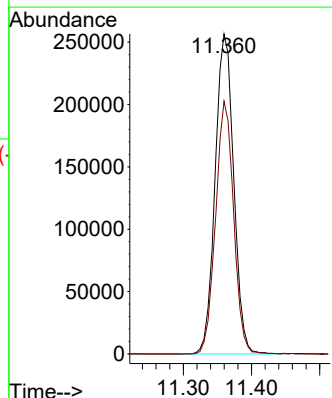
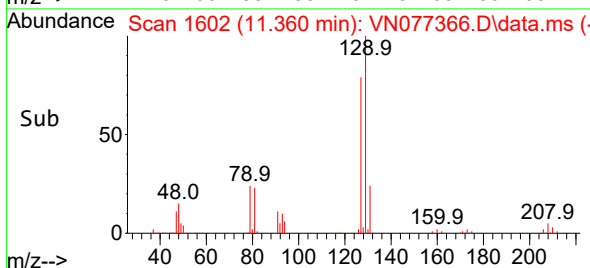
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

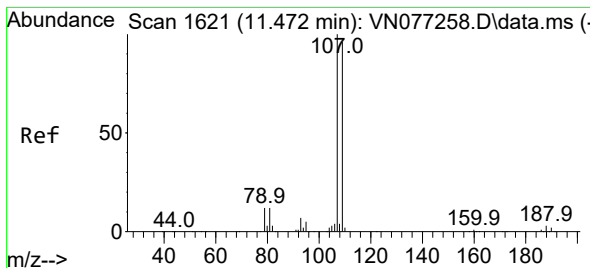


#60
Dibromochloromethane
Concen: 58.748 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55



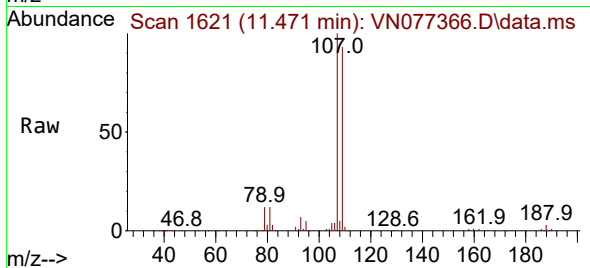
Tgt Ion:129 Resp: 486395
Ion Ratio Lower Upper
129 100
127 76.8 38.1 114.5





#61
1,2-Dibromoethane
Concen: 56.773 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

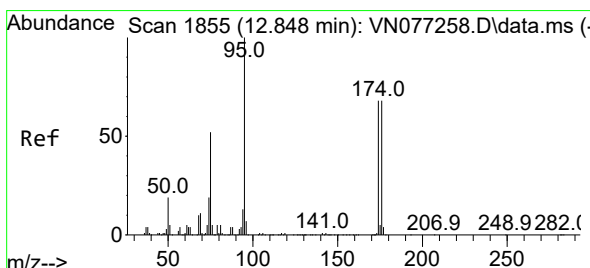
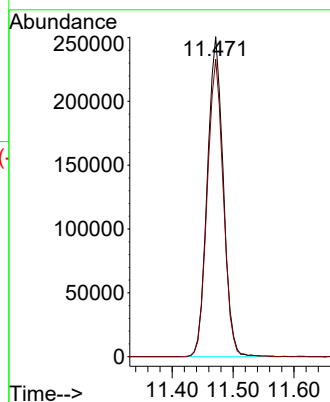
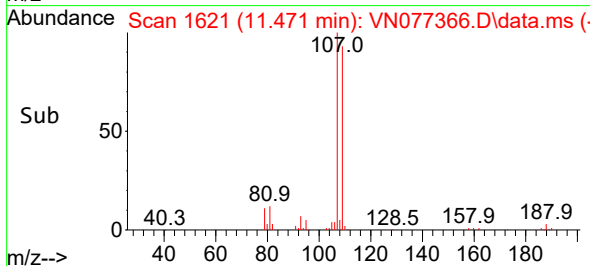
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



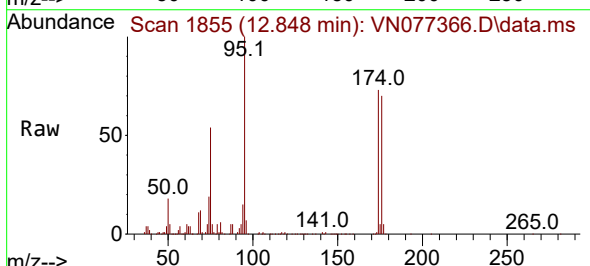
Tgt Ion:107 Resp: 45552
Ion Ratio Lower Upper
107 100
109 93.8 75.2 112.8

Manual Integrations
APPROVED

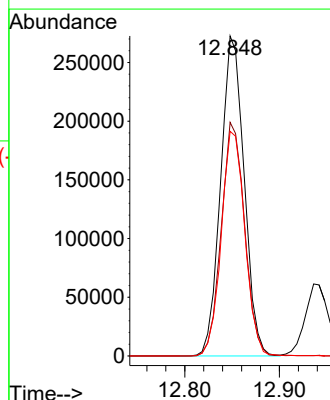
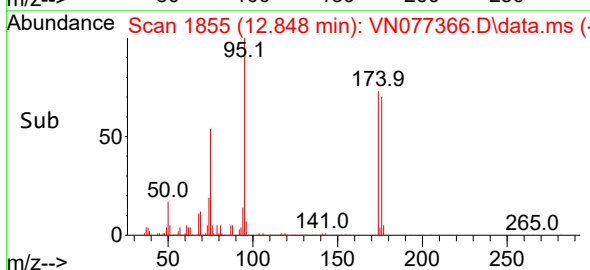
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

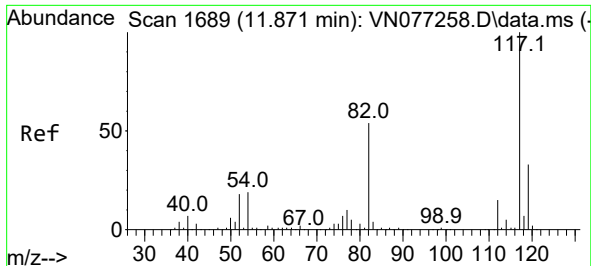


#62
4-Bromofluorobenzene
Concen: 51.721 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55



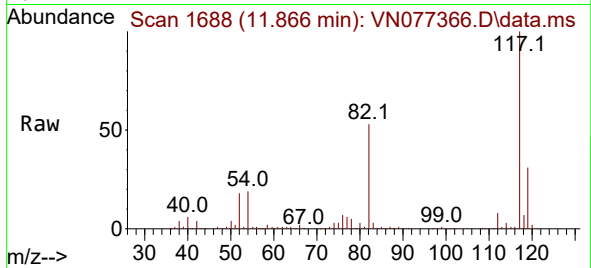
Tgt Ion: 95 Resp: 469641
Ion Ratio Lower Upper
95 100
174 72.7 0.0 146.8
176 70.5 0.0 139.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

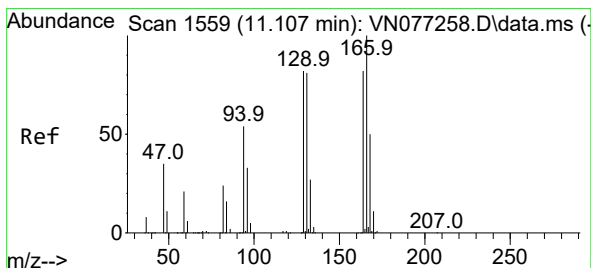
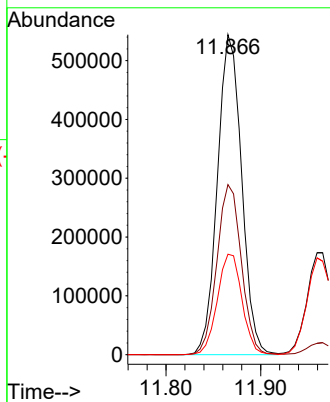
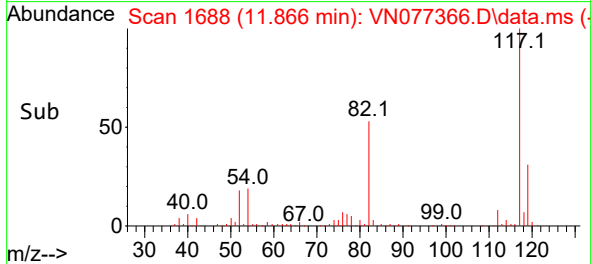
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:117 Resp: 967118
Ion Ratio Lower Upper
117 100
82 53.2 42.9 64.3
119 31.4 26.2 39.4

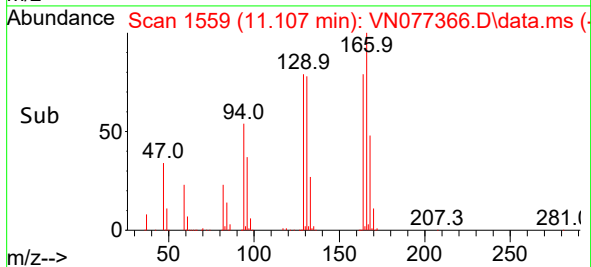
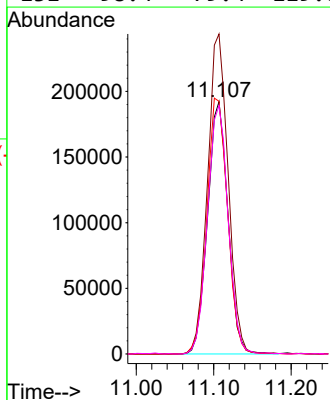
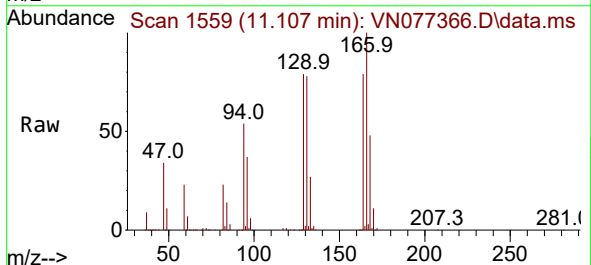
Manual Integrations
APPROVED

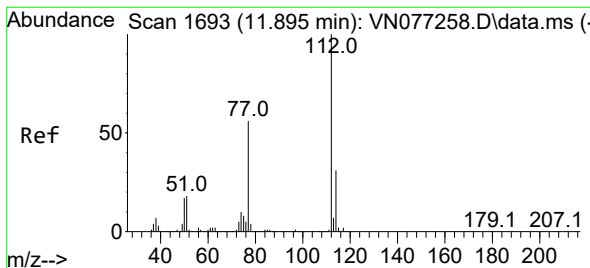
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#64
Tetrachloroethene
Concen: 58.640 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

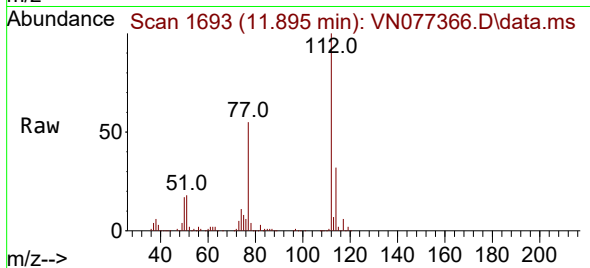
Tgt Ion:164 Resp: 350339
Ion Ratio Lower Upper
164 100
166 126.8 97.8 146.6
129 100.1 80.1 120.1
131 98.4 79.4 119.0





#65
Chlorobenzene
Concen: 57.990 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

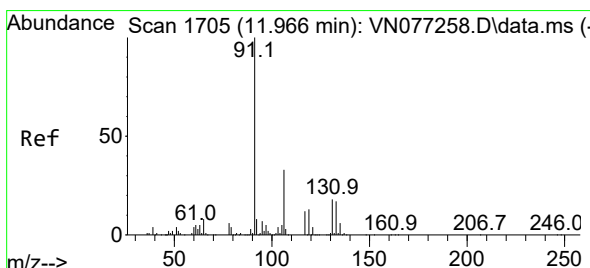
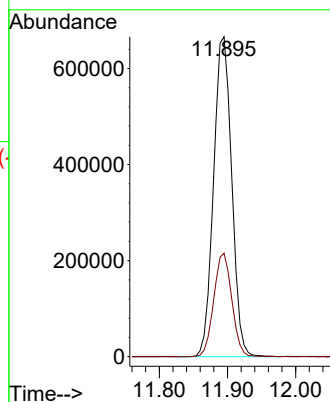
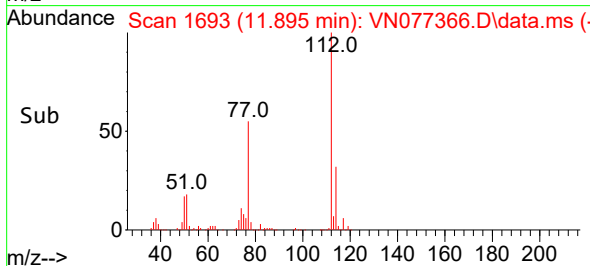
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



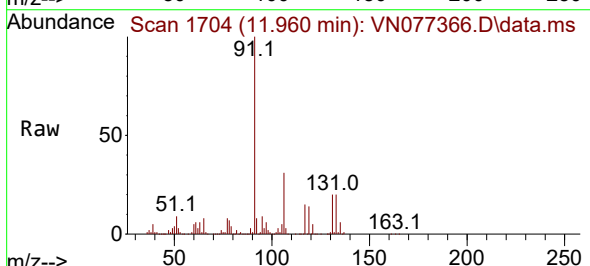
Tgt Ion:112 Resp: 1234740
Ion Ratio Lower Upper
112 100
114 32.4 24.6 36.8

Manual Integrations
APPROVED

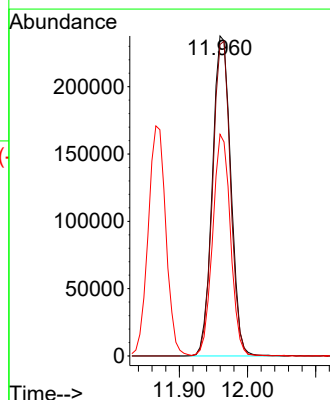
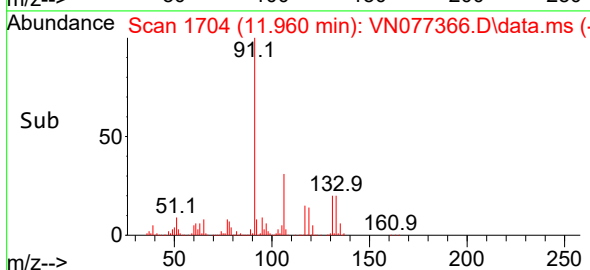
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

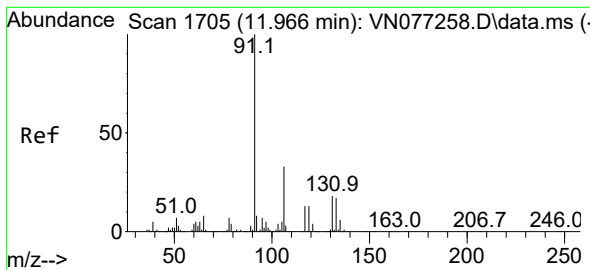


#66
1,1,1,2-Tetrachloroethane
Concen: 55.497 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55



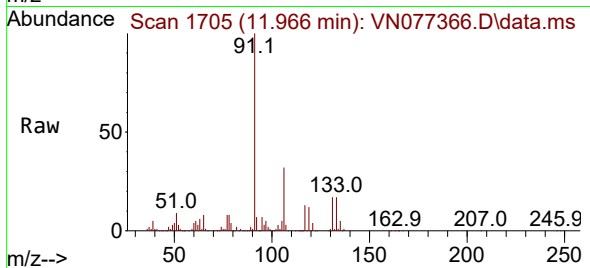
Tgt Ion:131 Resp: 447100
Ion Ratio Lower Upper
131 100
133 95.6 46.9 140.6
119 66.9 34.0 102.0





#67
Ethyl Benzene
Concen: 57.389 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

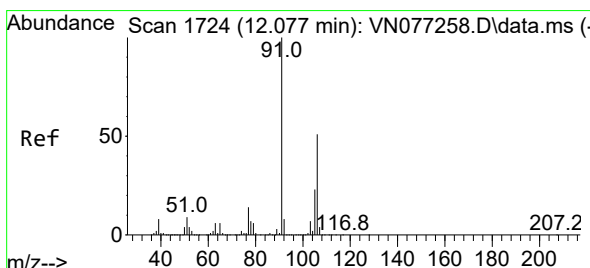
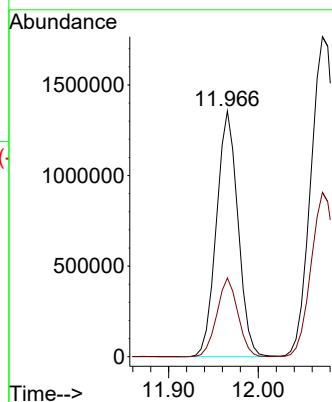
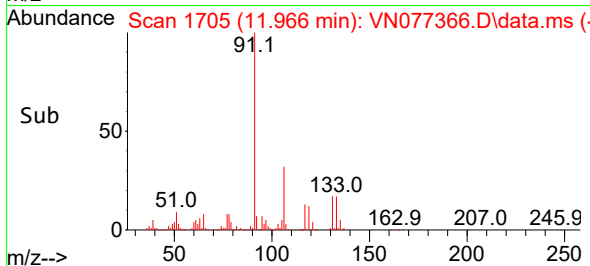
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



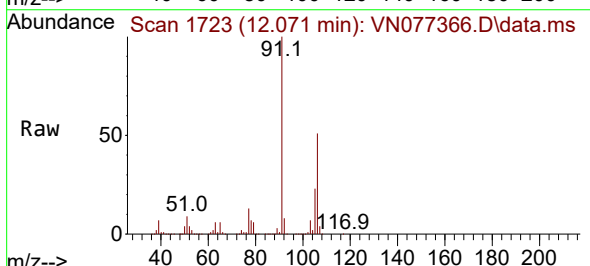
Tgt Ion: 91 Resp: 225487
Ion Ratio Lower Upper
91 100
106 32.0 26.2 39.2

Manual Integrations
APPROVED

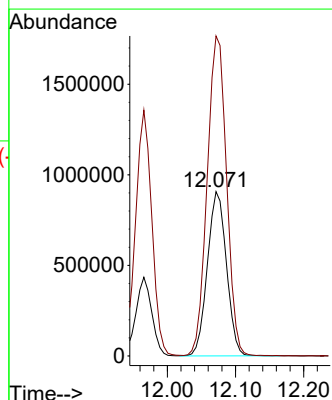
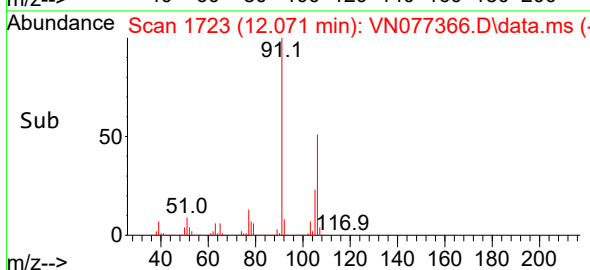
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

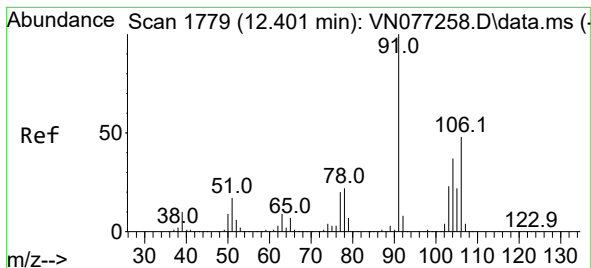


#68
m/p-Xylenes
Concen: 114.291 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55



Tgt Ion:106 Resp: 1764449
Ion Ratio Lower Upper
106 100
91 198.2 158.7 238.1





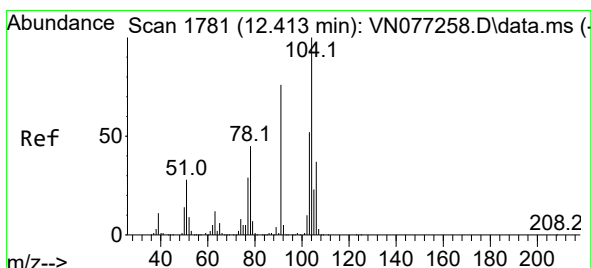
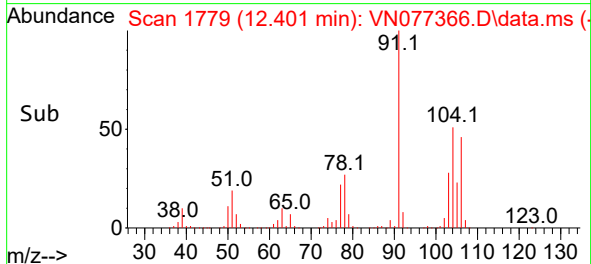
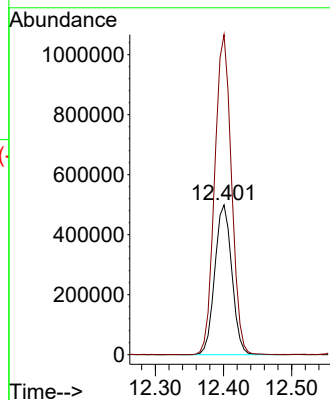
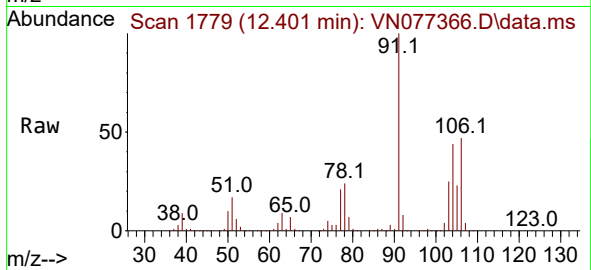
#69
o-Xylene
Concen: 56.986 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 86791
Ion Ratio Lower Upper
106 100
91 211.2 104.0 312.0

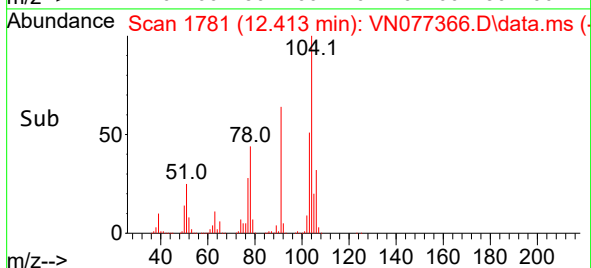
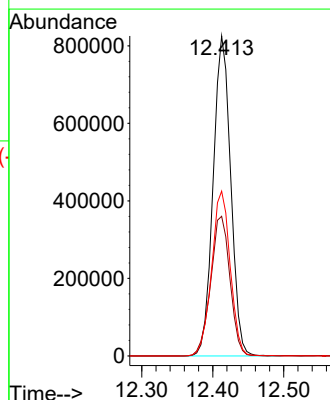
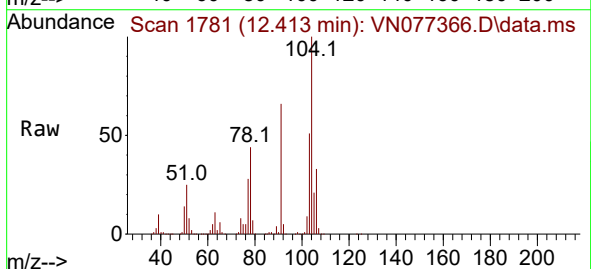
Manual Integrations
APPROVED

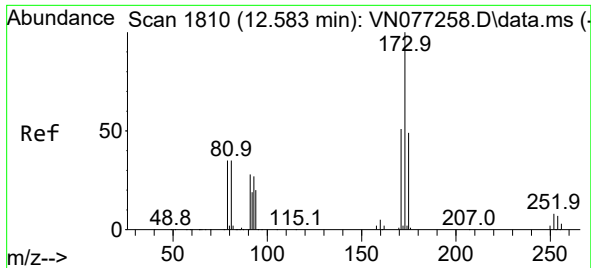
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#70
Styrene
Concen: 57.779 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

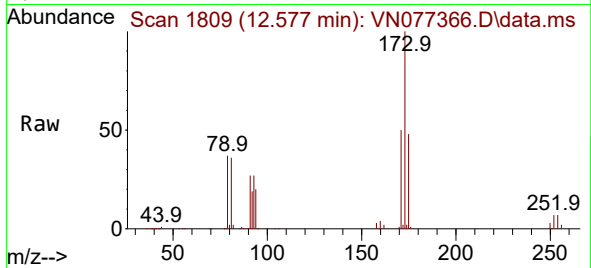
Tgt Ion:104 Resp: 1416089
Ion Ratio Lower Upper
104 100
78 48.0 38.0 57.0
103 54.5 43.1 64.7





#71
Bromoform
Concen: 56.050 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

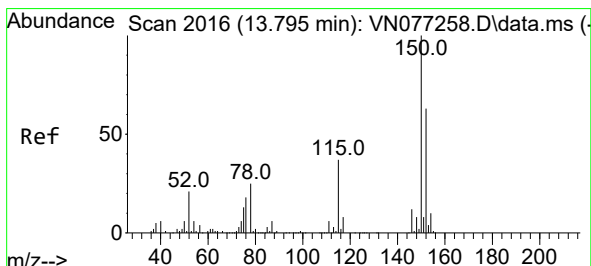
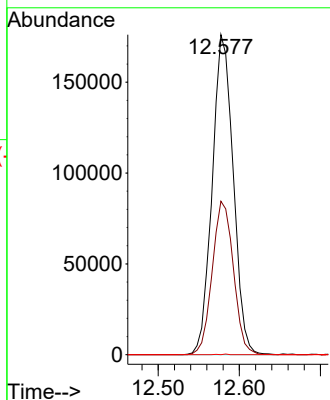
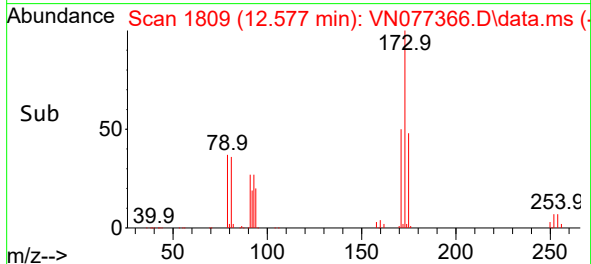
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



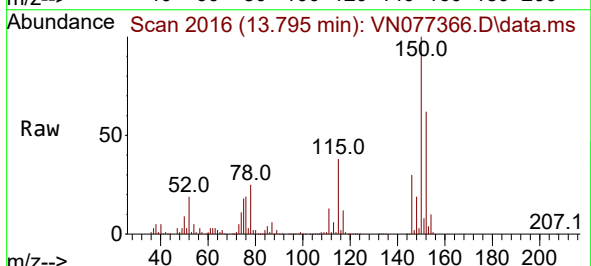
Tgt Ion:173 Resp: 317869
Ion Ratio Lower Upper
173 100
175 48.2 24.1 72.4
254 0.1 0.1 0.1

Manual Integrations
APPROVED

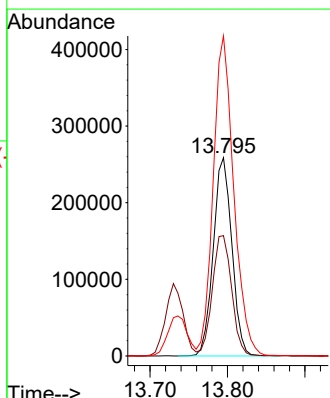
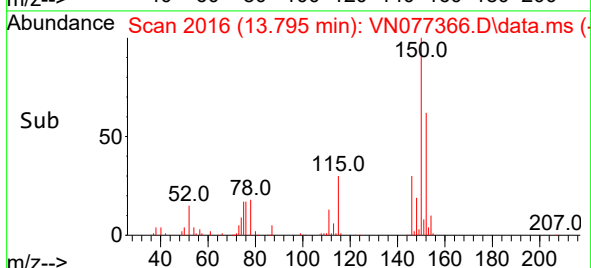
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

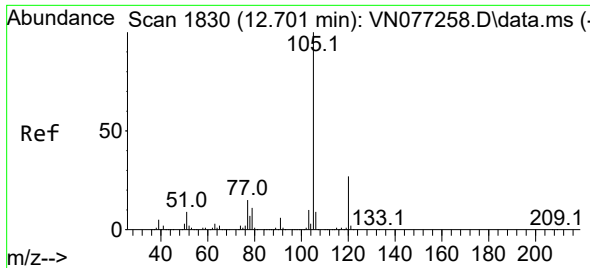


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55



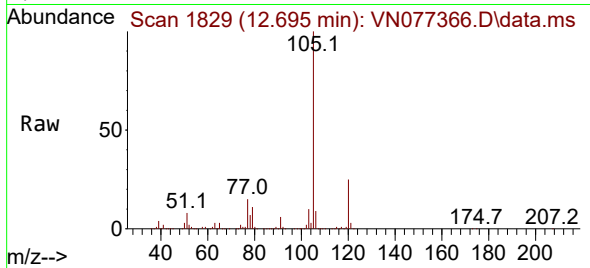
Tgt Ion:152 Resp: 432610
Ion Ratio Lower Upper
152 100
115 62.9 32.1 96.3
150 178.3 0.0 354.8





#73
Isopropylbenzene
Concen: 54.166 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.006 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

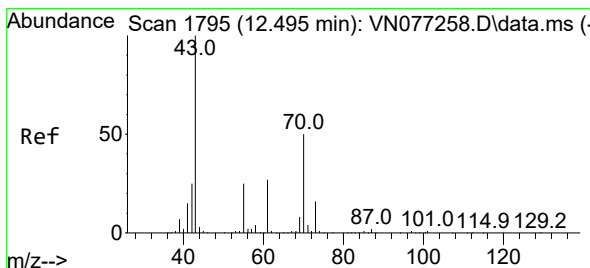
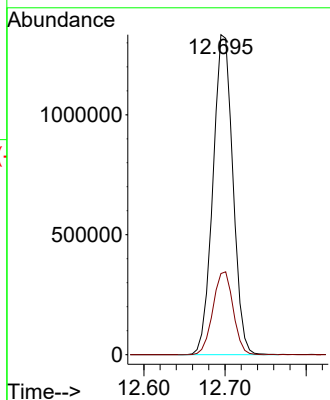
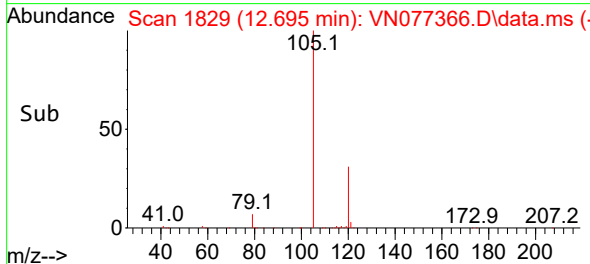
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:105 Resp: 227599
Ion Ratio Lower Upper
105 100
120 26.3 13.2 39.6

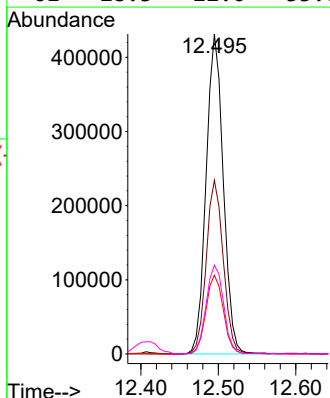
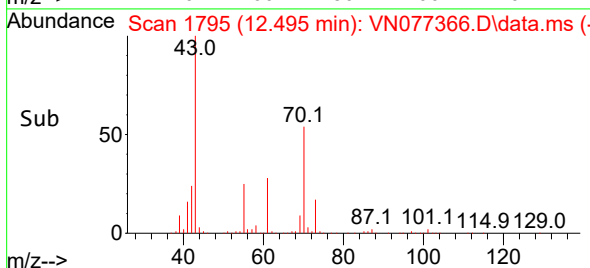
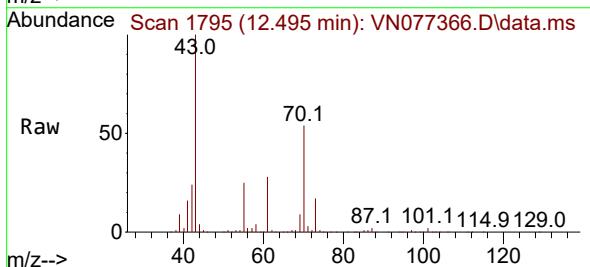
Manual Integrations
APPROVED

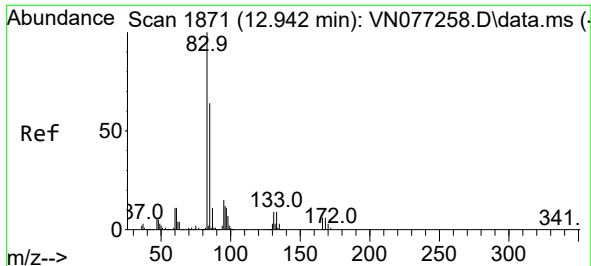
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#74
N-ethyl acetate
Concen: 41.786 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

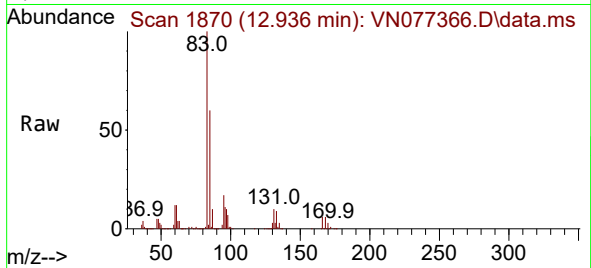
Tgt Ion: 43 Resp: 665393
Ion Ratio Lower Upper
43 100
70 54.0 41.0 61.6
55 25.0 19.3 28.9
61 28.3 22.0 33.0





#75
1,1,2,2-Tetrachloroethane
Concen: 47.991 ug/l
RT: 12.936 min Scan# 1870
Delta R.T. -0.006 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

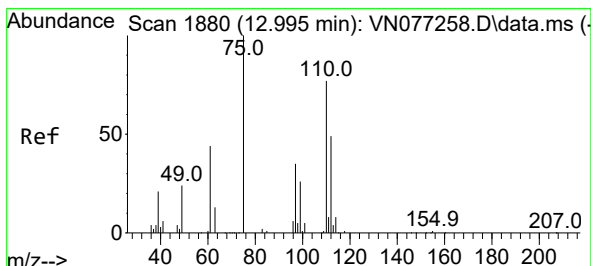
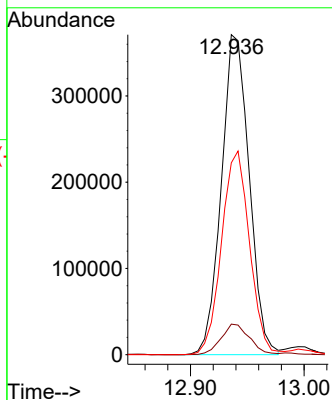
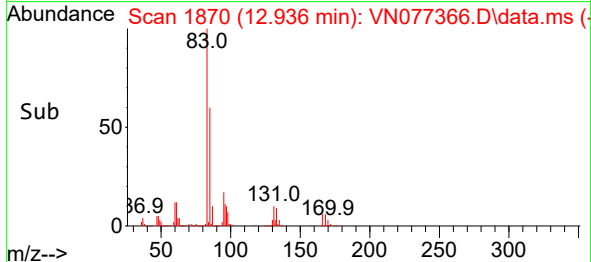
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 83 Resp: 63283
Ion Ratio Lower Upper
83 100
131 9.7 4.9 14.6
85 64.0 32.1 96.3

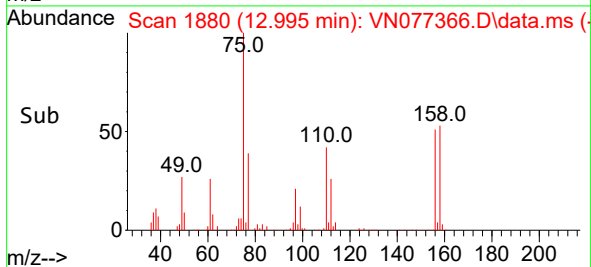
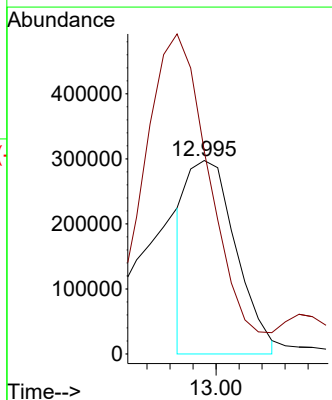
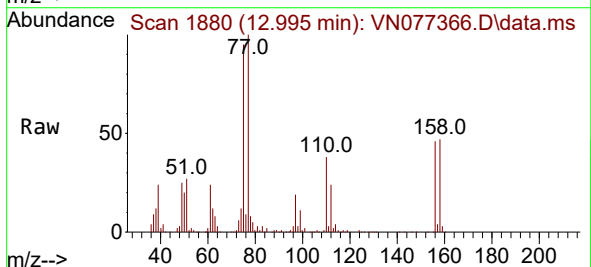
Manual Integrations
APPROVED

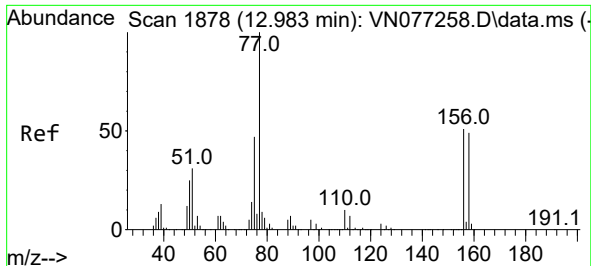
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#76
1,2,3-Trichloropropane
Concen: 42.585 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

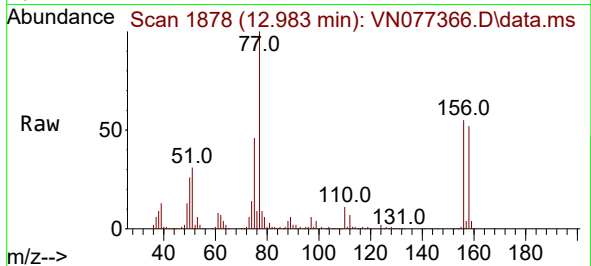
Tgt Ion: 75 Resp: 438692
Ion Ratio Lower Upper
75 100
77 230.5 88.3 264.9





#77
Bromobenzene
Concen: 55.940 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

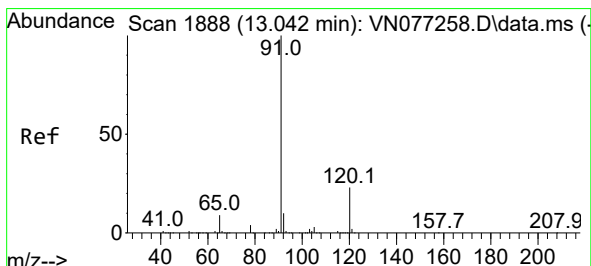
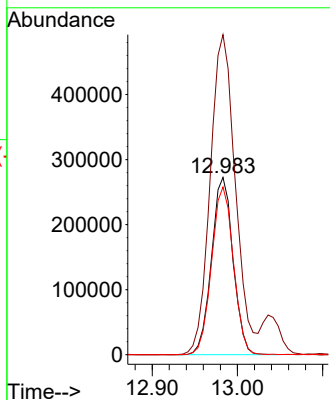
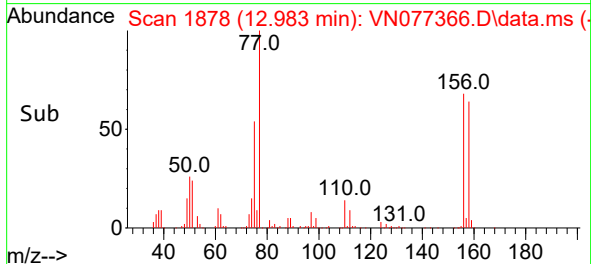
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



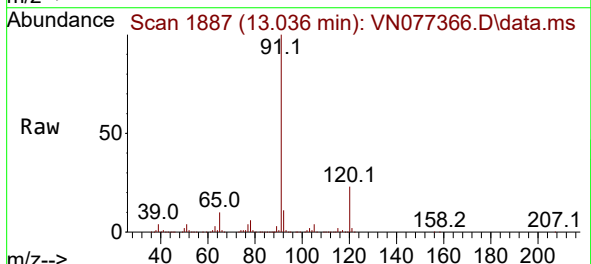
Tgt Ion:156 Resp: 477939
Ion Ratio Lower Upper
156 100
77 211.6 115.3 345.8
158 95.6 49.3 147.8

Manual Integrations
APPROVED

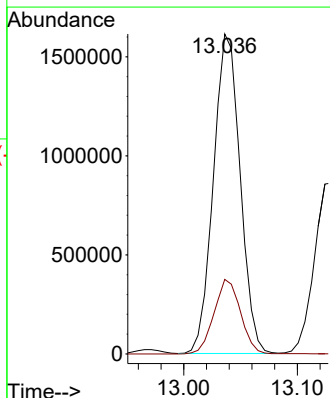
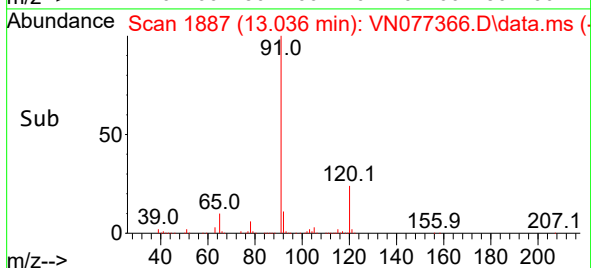
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

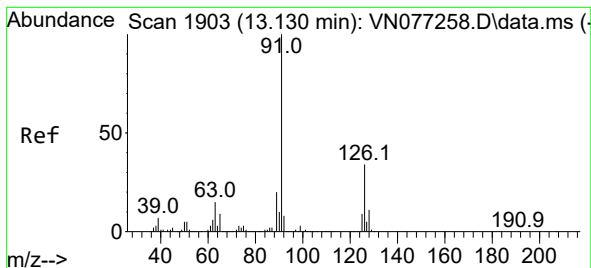


#78
n-propylbenzene
Concen: 56.892 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55



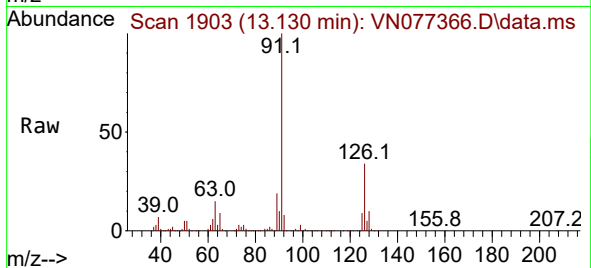
Tgt Ion: 91 Resp: 2641363
Ion Ratio Lower Upper
91 100
120 23.1 11.5 34.5





#79
2-Chlorotoluene
Concen: 54.209 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

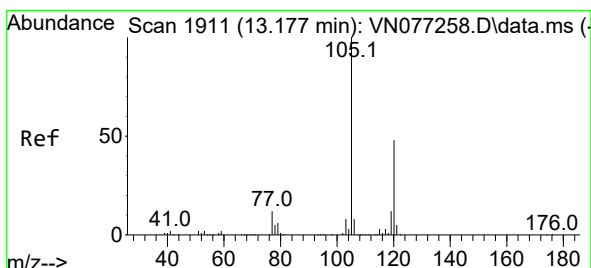
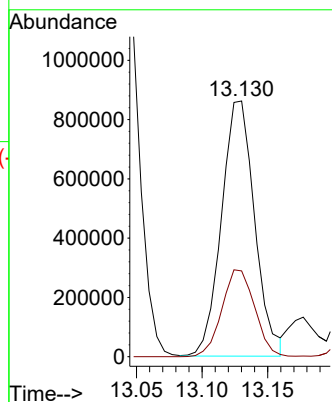
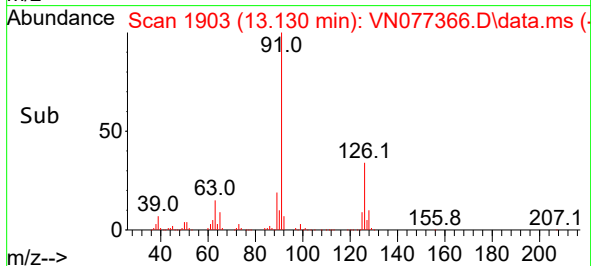
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



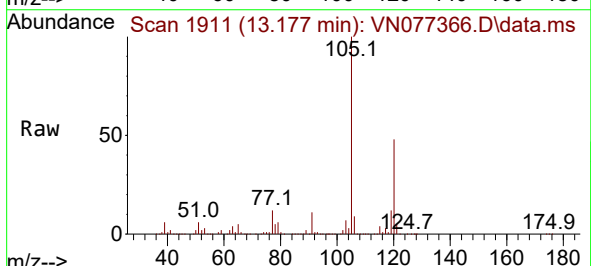
Tgt Ion: 91 Resp: 1515460
Ion Ratio Lower Upper
91 100
126 33.7 16.8 50.4

Manual Integrations
APPROVED

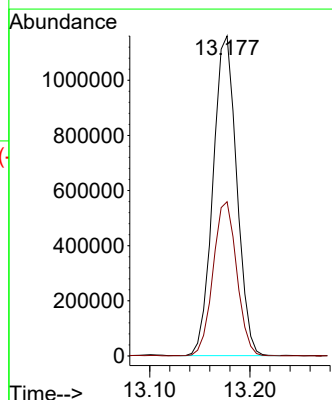
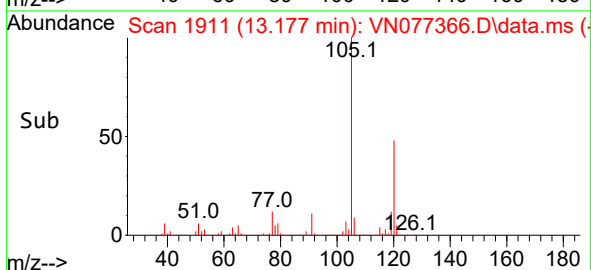
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

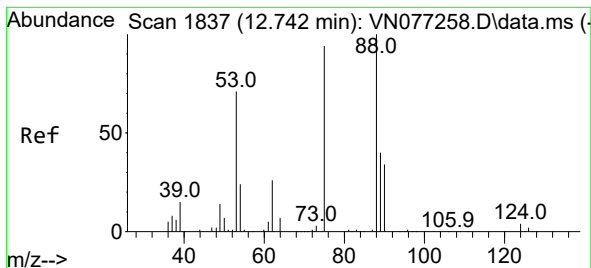


#80
1,3,5-Trimethylbenzene
Concen: 56.745 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55



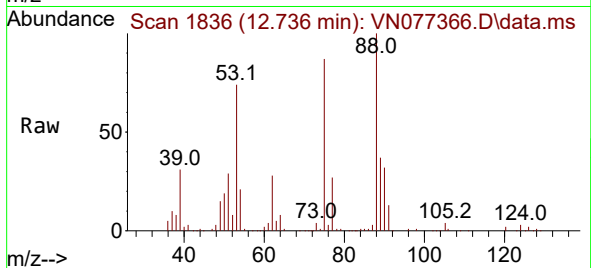
Tgt Ion:105 Resp: 1904427
Ion Ratio Lower Upper
105 100
120 48.1 24.3 73.0





#81
trans-1,4-Dichloro-2-butene
Concen: 46.133 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

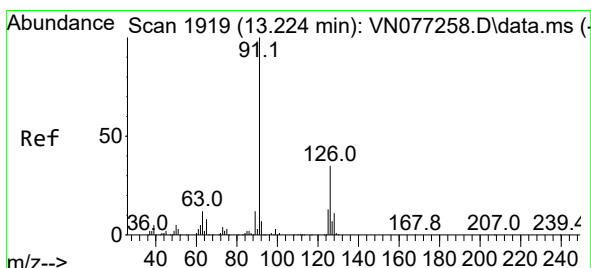
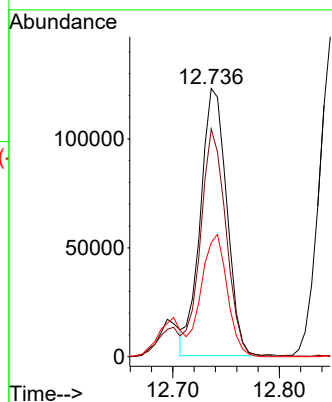
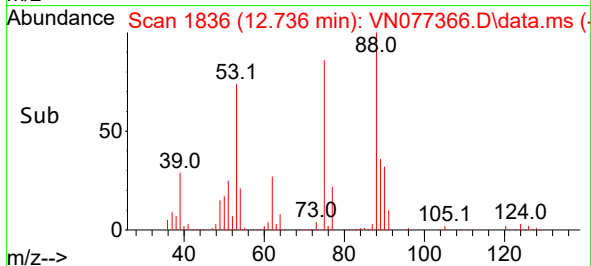
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 211190
Ion Ratio Lower Upper
75 100
53 92.4 72.8 109.2
89 44.8 37.4 56.2

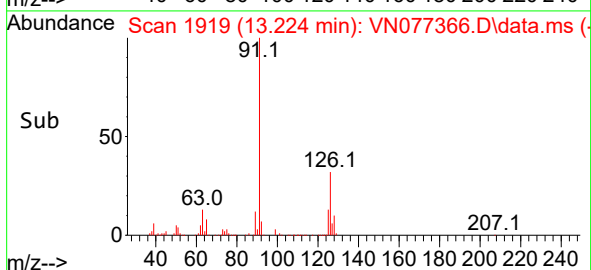
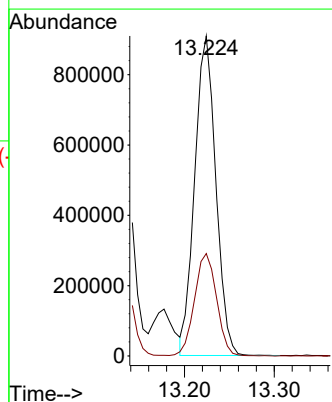
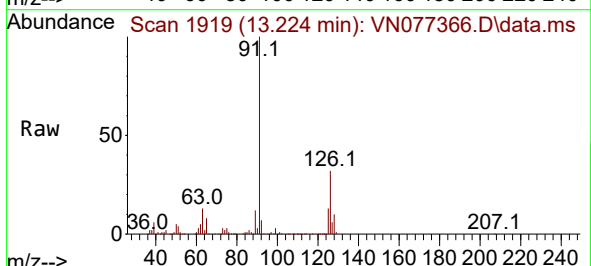
Manual Integrations
APPROVED

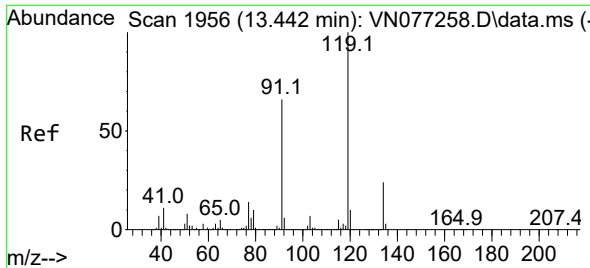
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#82
4-Chlorotoluene
Concen: 56.292 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

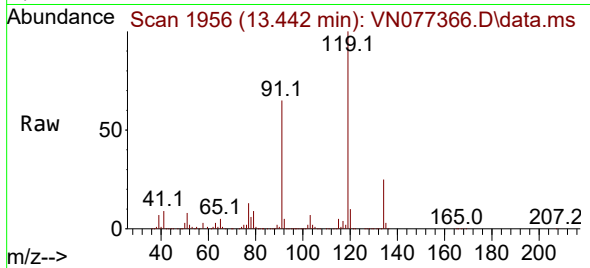
Tgt Ion: 91 Resp: 1483733
Ion Ratio Lower Upper
91 100
126 33.6 16.9 50.7





#83
tert-Butylbenzene
Concen: 54.897 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

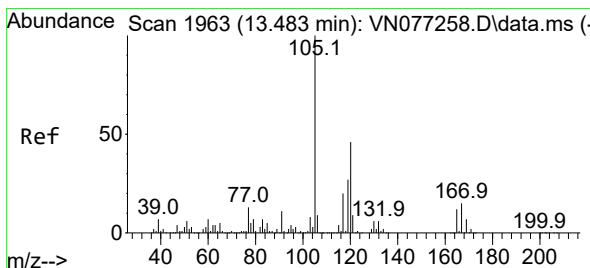
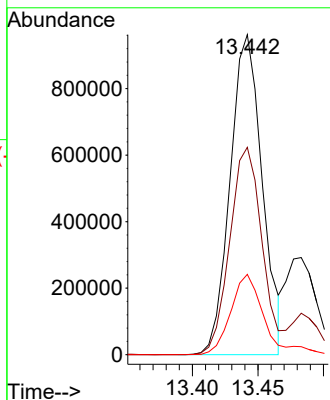
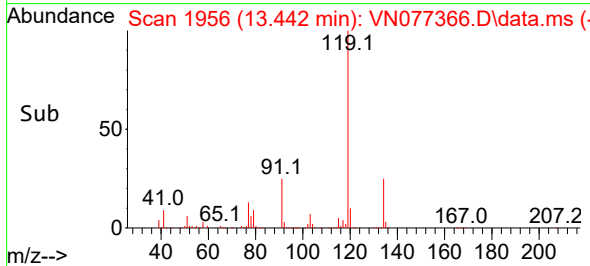
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



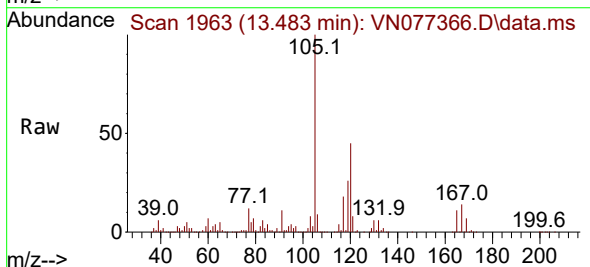
Tgt Ion:119 Resp: 163992
Ion Ratio Lower Upper
119 100
91 66.0 33.5 100.4
134 26.1 13.3 39.9

Manual Integrations
APPROVED

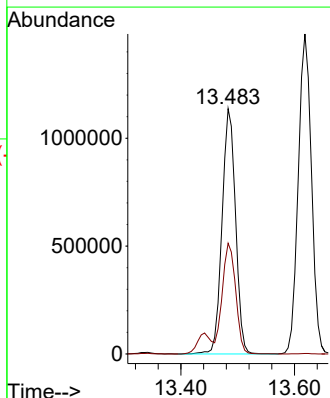
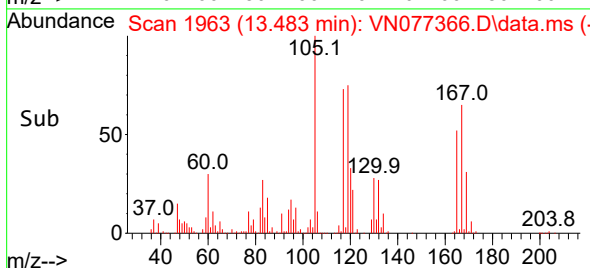
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023

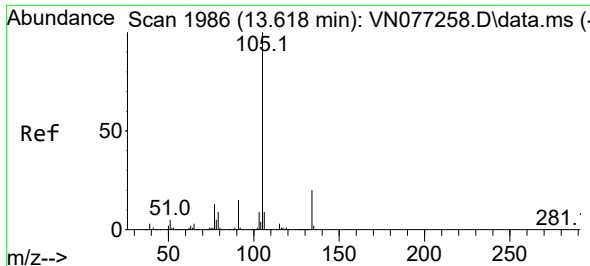


#84
1,2,4-Trimethylbenzene
Concen: 56.746 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55



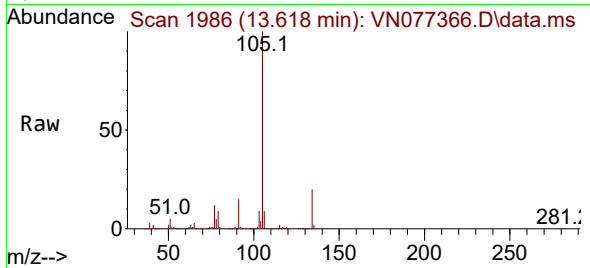
Tgt Ion:105 Resp: 1881459
Ion Ratio Lower Upper
105 100
120 44.6 22.5 67.5





#85
 sec-Butylbenzene
 Concen: 57.405 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077366.D
 Acq: 19 Apr 2023 10:55

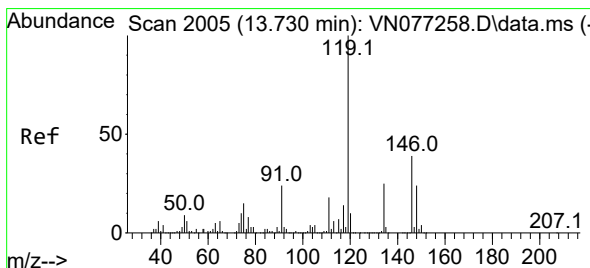
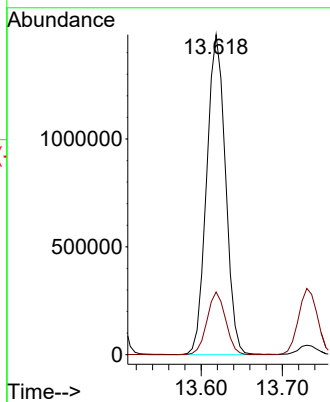
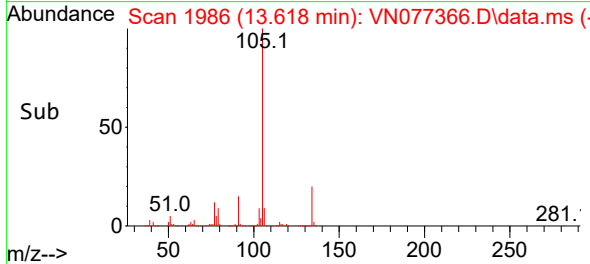
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



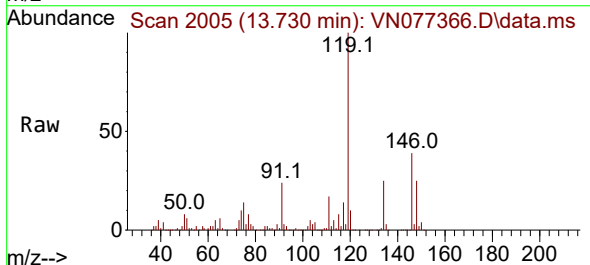
Tgt Ion:105 Resp: 2389878
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.4

Manual Integrations
 APPROVED

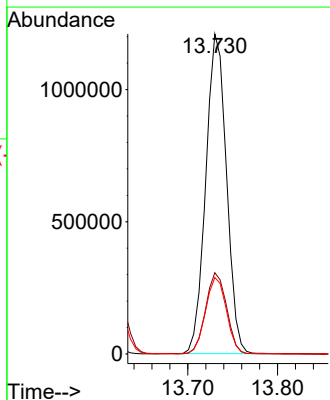
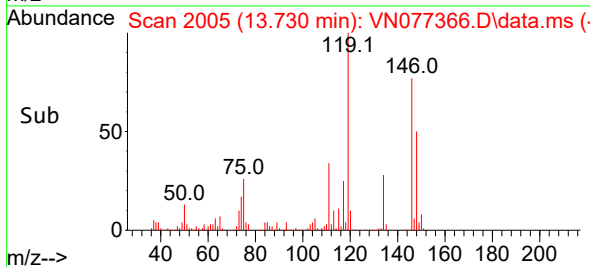
Reviewed By :John Carlone 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023

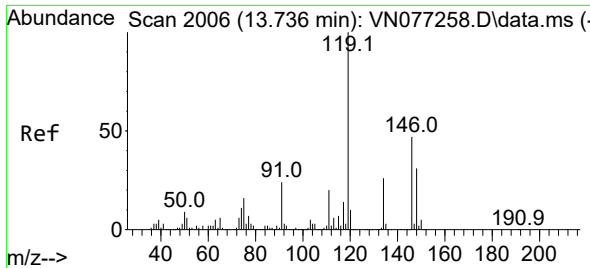


#86
 p-Isopropyltoluene
 Concen: 59.259 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077366.D
 Acq: 19 Apr 2023 10:55



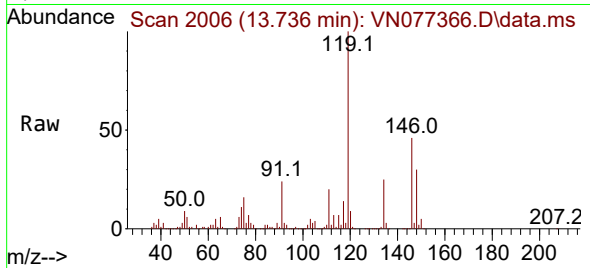
Tgt Ion:119 Resp: 1938886
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.6
 91 24.4 12.3 36.8





#87
 1,3-Dichlorobenzene
 Concen: 56.566 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VN077366.D
 Acq: 19 Apr 2023 10:55

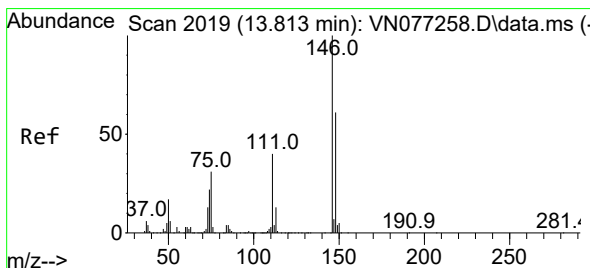
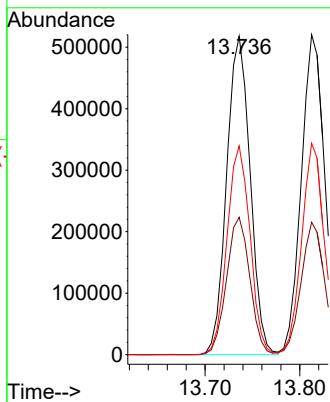
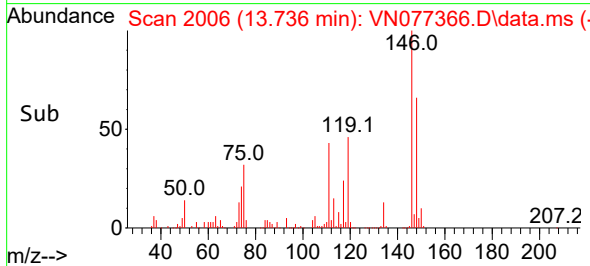
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



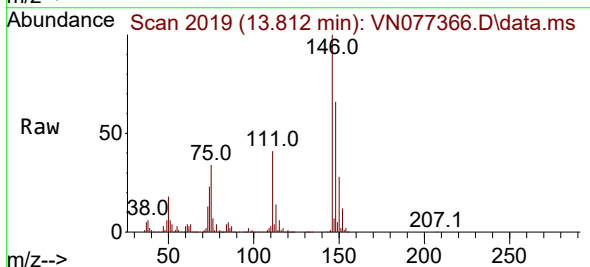
Tgt Ion:146 Resp: 89410
 Ion Ratio Lower Upper
 146 100
 111 42.7 21.8 65.4
 148 64.2 31.7 95.1

Manual Integrations
 APPROVED

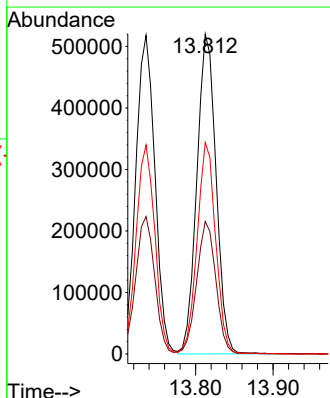
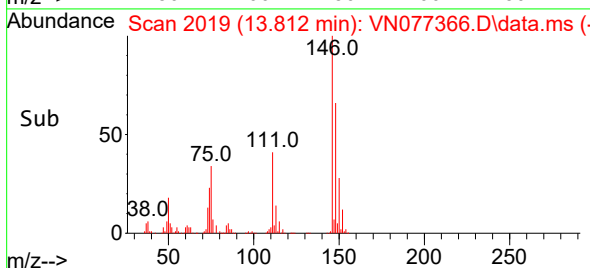
Reviewed By :John Carlone 04/20/2023
 Supervised By :Mahesh Dadoda 04/22/2023

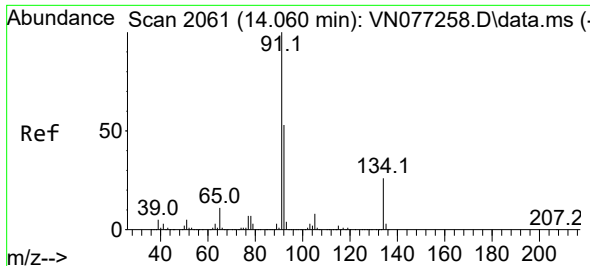


#88
 1,4-Dichlorobenzene
 Concen: 57.459 ug/l
 RT: 13.812 min Scan# 2019
 Delta R.T. -0.001 min
 Lab File: VN077366.D
 Acq: 19 Apr 2023 10:55



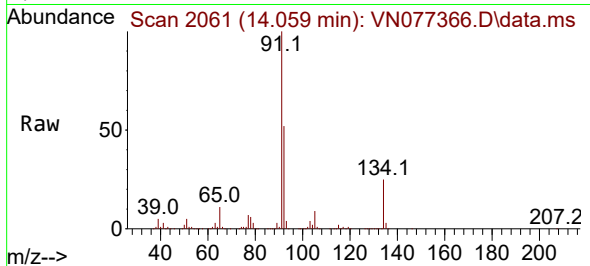
Tgt Ion:146 Resp: 895654
 Ion Ratio Lower Upper
 146 100
 111 41.0 20.4 61.2
 148 63.7 31.6 95.0





#89
n-Butylbenzene
Concen: 62.630 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.001 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

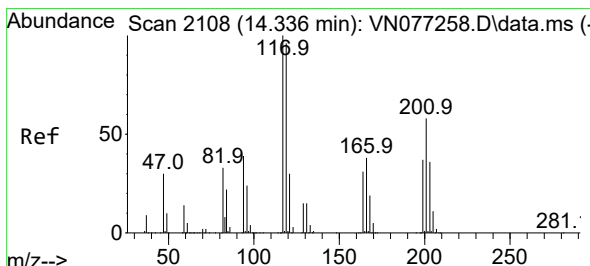
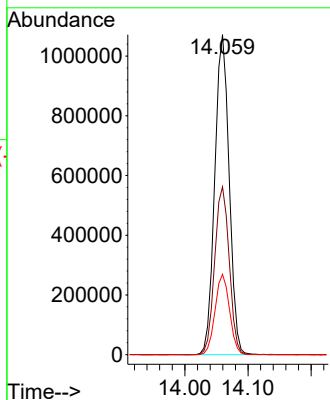
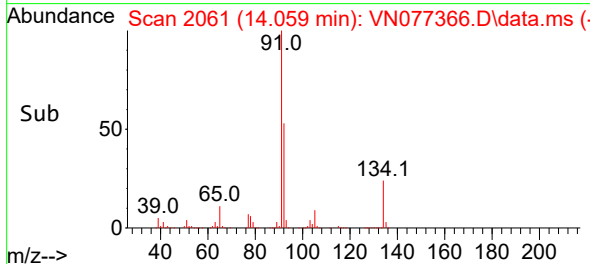
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 170118
Ion Ratio Lower Upper
91 100
92 52.9 26.7 80.0
134 25.2 12.8 38.3

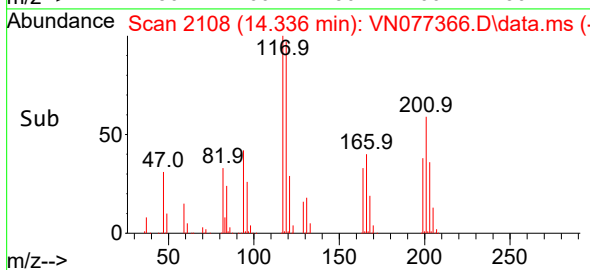
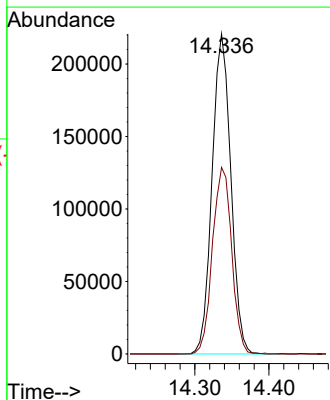
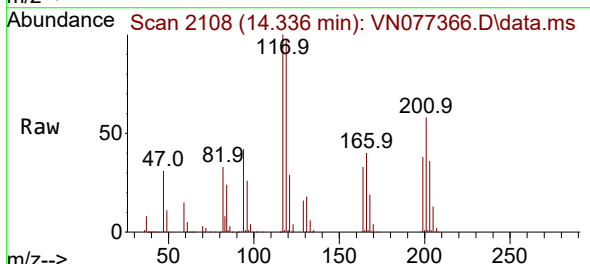
Manual Integrations
APPROVED

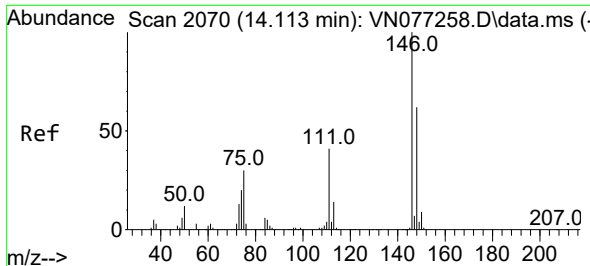
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#90
Hexachloroethane
Concen: 54.216 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

Tgt Ion:117 Resp: 387857
Ion Ratio Lower Upper
117 100
201 59.6 29.8 89.5





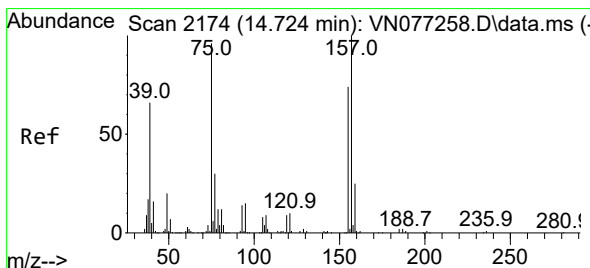
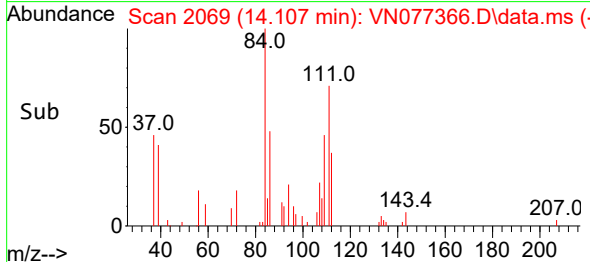
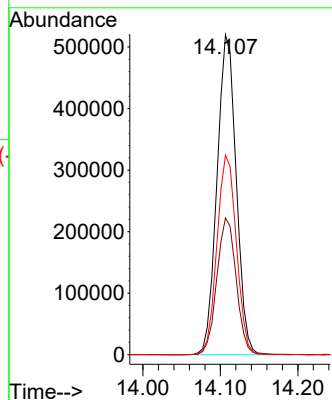
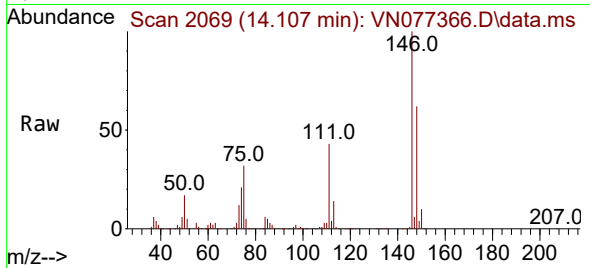
#91
1,2-Dichlorobenzene
Concen: 56.643 ug/l
RT: 14.107 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:146 Resp: 89568
Ion Ratio Lower Upper
146 100
111 43.1 21.9 65.5
148 63.0 31.9 95.5

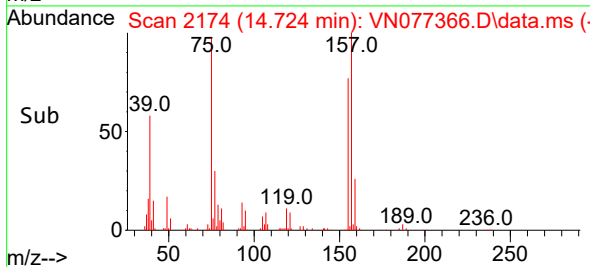
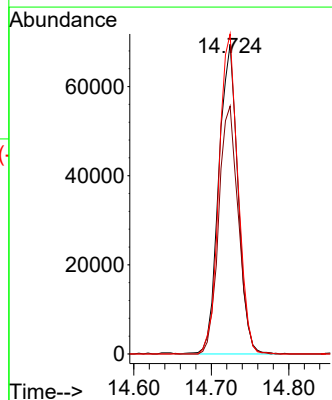
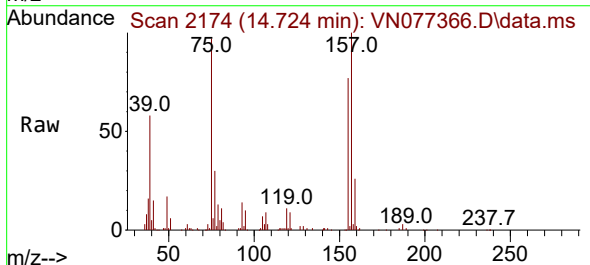
Manual Integrations
APPROVED

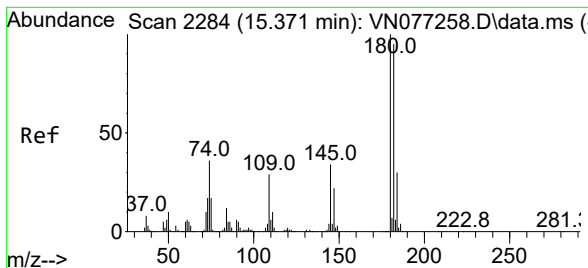
Reviewed By :John Carlone 04/20/2023
Supervised By :Mahesh Dadoda 04/22/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 47.807 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077366.D
Acq: 19 Apr 2023 10:55

Tgt Ion: 75 Resp: 119472
Ion Ratio Lower Upper
75 100
155 81.9 41.0 123.2
157 101.7 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 61.569 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077366.D

Acq: 19 Apr 2023 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:180 Resp: 35145

Ion Ratio Lower Upper

180 100

182 96.2 46.7 140.0

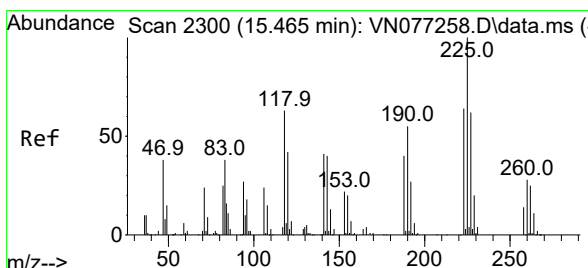
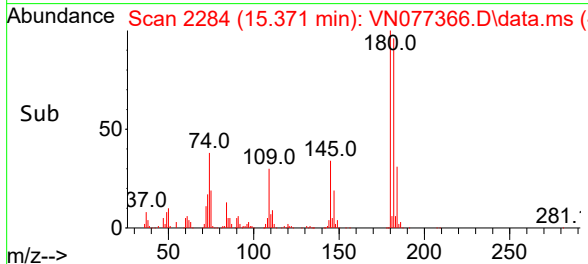
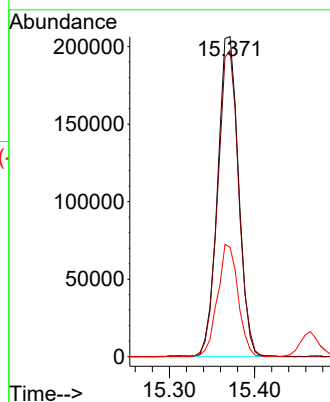
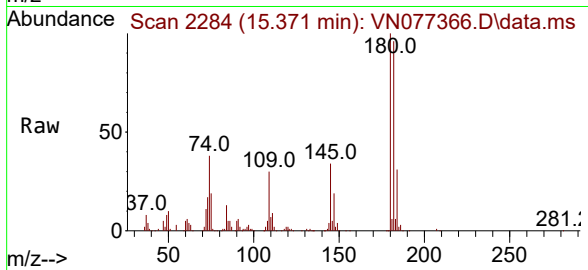
145 34.5 16.6 49.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#94

Hexachlorobutadiene

Concen: 57.824 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VN077366.D

Acq: 19 Apr 2023 10:55

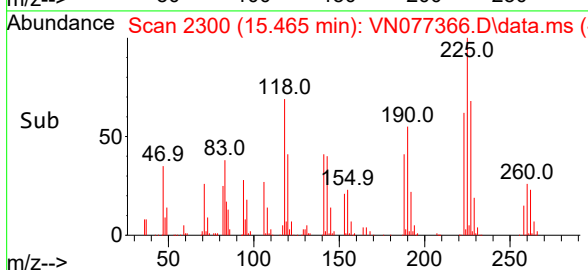
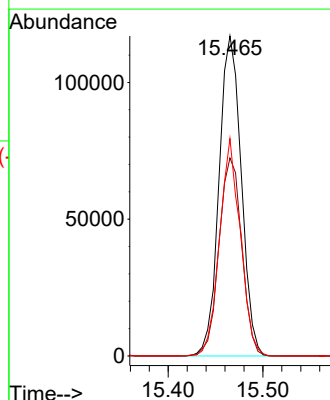
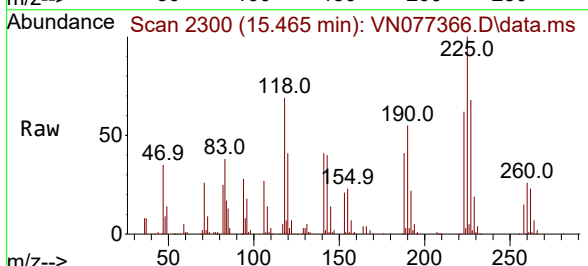
Tgt Ion:225 Resp: 191063

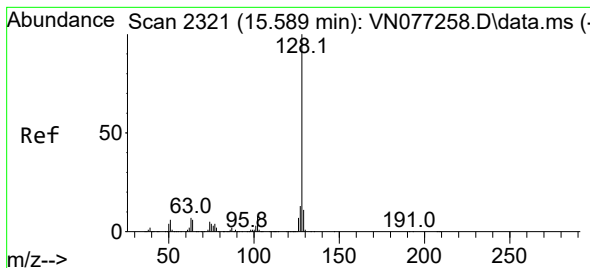
Ion Ratio Lower Upper

225 100

223 63.1 31.7 95.1

227 63.7 31.2 93.6





#95

Naphthalene

Concen: 60.009 ug/l

RT: 15.589 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VN077366.D

Acq: 19 Apr 2023 10:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 1286780

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

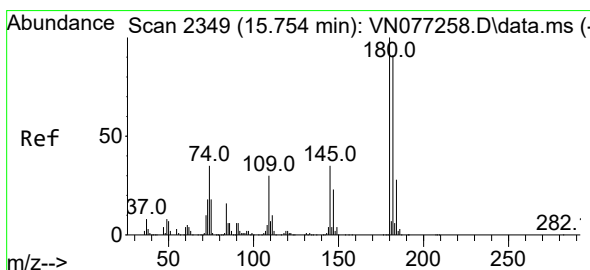
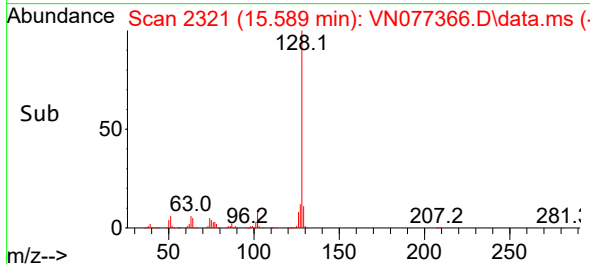
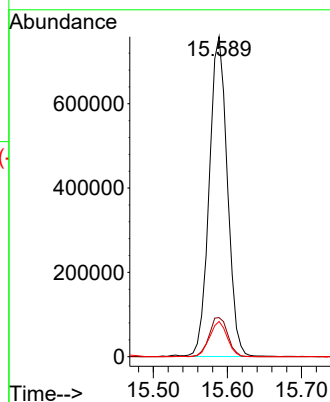
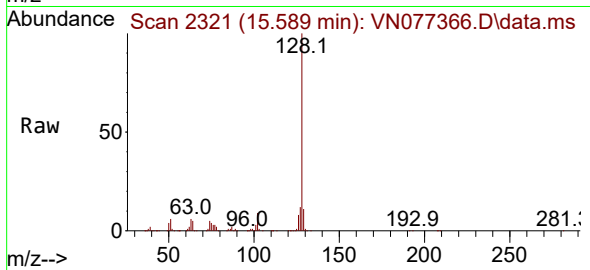
129 10.8 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2023

Supervised By :Mahesh Dadoda 04/22/2023



#96

1,2,3-Trichlorobenzene

Concen: 58.753 ug/l

RT: 15.753 min Scan# 2349

Delta R.T. -0.001 min

Lab File: VN077366.D

Acq: 19 Apr 2023 10:55

Tgt Ion:180 Resp: 320790

Ion Ratio Lower Upper

180 100

182 95.2 46.9 140.8

145 36.8 17.6 52.8

