

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030422\
 Data File : VN071168.D
 Acq On : 04 Mar 2022 14:53
 Operator : JC\MD
 Sample : VN0304WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0304WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/07/2022
 Supervised By : Mahesh Dadoda 03/07/2022

Quant Time: Mar 04 22:16:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	612951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	973009	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	872392	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	356787	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	375281	53.597	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.200%			
35) Dibromofluoromethane	8.016	113	291898	50.436	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.880%			
50) Toluene-d8	10.433	98	1142902	49.174	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.340%			
62) 4-Bromofluorobenzene	12.727	95	379696	45.704	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 91.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	108355	17.020	ug/l	98
3) Chloromethane	2.299	50	143835	17.975	ug/l	98
4) Vinyl Chloride	2.446	62	138761	17.322	ug/l	97
5) Bromomethane	2.857	94	82441	18.117	ug/l	98
6) Chloroethane	3.022	64	90189	17.162	ug/l	98
7) Trichlorofluoromethane	3.381	101	191359	19.062	ug/l	96
8) Diethyl Ether	3.828	74	83794	19.201	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.216	101	116469	18.910	ug/l	97
10) Methyl Iodide	4.428	142	149586	17.536	ug/l	98
11) Tert butyl alcohol	5.351	59	118035	92.501	ug/l	98
12) 1,1-Dichloroethene	4.187	96	107221	17.868	ug/l	95
13) Acrolein	4.040	56	77985	68.393	ug/l	99
14) Allyl chloride	4.845	41	226193	19.764	ug/l	86
15) Acrylonitrile	5.551	53	397153	105.664	ug/l	99
16) Acetone	4.281	43	422720	109.624	ug/l	95
17) Carbon Disulfide	4.540	76	241110	14.011	ug/l	99
18) Methyl Acetate	4.851	43	190623	22.242	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	435374	20.683	ug/l	98
20) Methylene Chloride	5.092	84	136045	19.413	ug/l #	92
21) trans-1,2-Dichloroethene	5.598	96	114229	17.735	ug/l	88
22) Diisopropyl ether	6.492	45	502803	22.907	ug/l	95
23) Vinyl Acetate	6.428	43	2022062	108.826	ug/l	99
24) 1,1-Dichloroethane	6.381	63	252710	20.538	ug/l	99
25) 2-Butanone	7.328	43	557142	108.611	ug/l	95
26) 2,2-Dichloropropane	7.322	77	205759	20.120	ug/l	96
27) cis-1,2-Dichloroethene	7.316	96	143987	19.451	ug/l	88
28) Bromochloromethane	7.651	49	113906	22.872	ug/l	83
29) Tetrahydrofuran	7.675	42	360464	108.472	ug/l	92
30) Chloroform	7.816	83	244839	20.231	ug/l	99
31) Cyclohexane	8.092	56	236562	19.535	ug/l	92
32) 1,1,1-Trichloroethane	8.010	97	206021	19.713	ug/l	95
36) 1,1-Dichloropropene	8.216	75	179806	18.963	ug/l	96
37) Ethyl Acetate	7.404	43	220592	21.693	ug/l	97
38) Carbon Tetrachloride	8.204	117	171518	18.359	ug/l	97
39) Methylcyclohexane	9.457	83	213142	17.470	ug/l	91
40) Benzene	8.457	78	555724	19.814	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	121510	22.688	ug/l #	84
42) 1,2-Dichloroethane	8.522	62	196154	20.535	ug/l	98
43) Isopropyl Acetate	8.551	43	353740	22.069	ug/l	98
44) Trichloroethene	9.210	130	134369	18.193	ug/l	96
45) 1,2-Dichloropropane	9.486	63	150332	20.925	ug/l	99
46) Dibromomethane	9.569	93	91602	19.374	ug/l	96
47) Bromodichloromethane	9.757	83	187797	19.653	ug/l	98
48) Methyl methacrylate	9.551	41	147180	19.400	ug/l	91
49) 1,4-Dioxane	9.563	88	50076	371.619	ug/l	88
51) 4-Methyl-2-Pentanone	10.322	43	1074392	110.170	ug/l	99
52) Toluene	10.498	92	345041	19.578	ug/l	97
53) t-1,3-Dichloropropene	10.710	75	198952	19.148	ug/l	99
54) cis-1,3-Dichloropropene	10.180	75	224958	19.715	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	135175	19.595	ug/l	95
56) Ethyl methacrylate	10.757	69	215742	20.756	ug/l	92
57) 1,3-Dichloropropane	11.039	76	243456	20.402	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	128111	80.163	ug/l	93
59) 2-Hexanone	11.080	43	738500	110.108	ug/l	99
60) Dibromochloromethane	11.233	129	137518	18.863	ug/l	98
61) 1,2-Dibromoethane	11.339	107	133773	19.065	ug/l	100
64) Tetrachloroethene	10.974	164	120096	17.676	ug/l	99
65) Chlorobenzene	11.763	112	354970	18.883	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.833	131	133176	19.435	ug/l	100
67) Ethyl Benzene	11.839	91	648798	19.719	ug/l	99
68) m/p-Xylenes	11.951	106	489379	38.506	ug/l	97
69) o-Xylene	12.274	106	241101	19.420	ug/l	97
70) Styrene	12.292	104	376658	19.080	ug/l	97
71) Bromoform	12.451	173	97374	17.842	ug/l #	98
73) Isopropylbenzene	12.574	105	625093	21.766	ug/l	99
74) N-amyl acetate	12.380	43	201069	21.903	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	203115	22.257	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	147622m	17.573	ug/l	
77) Bromobenzene	12.857	156	141424	20.116	ug/l	84
78) n-propylbenzene	12.915	91	688999	21.353	ug/l	98
79) 2-Chlorotoluene	13.004	91	430961	21.994	ug/l	93
80) 1,3,5-Trimethylbenzene	13.051	105	515173	22.143	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	49895	19.247	ug/l	95
82) 4-Chlorotoluene	13.098	91	396162	20.828	ug/l	95
83) tert-Butylbenzene	13.315	119	455102	20.625	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	501134	21.881	ug/l	99
85) sec-Butylbenzene	13.498	105	601864	20.701	ug/l	99
86) p-Isopropyltoluene	13.610	119	484998	20.320	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	238721	19.182	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	232049	19.031	ug/l	97
89) n-Butylbenzene	13.939	91	349307	17.938	ug/l	96
90) Hexachloroethane	14.204	117	86659	20.331	ug/l	89
91) 1,2-Dichlorobenzene	13.986	146	234346	20.053	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	29566	19.996	ug/l	86
93) 1,2,4-Trichlorobenzene	15.257	180	95887	16.013	ug/l	95
94) Hexachlorobutadiene	15.362	225	68216	16.007	ug/l	99
95) Naphthalene	15.504	128	219650	17.386	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	83431	15.600	ug/l	98

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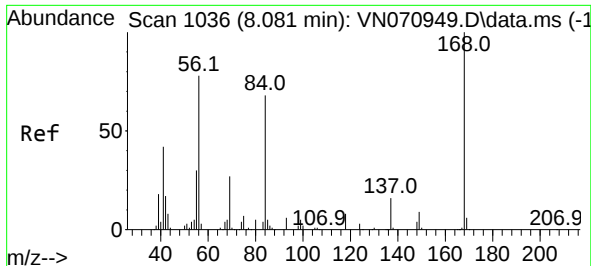
Manual Integrations
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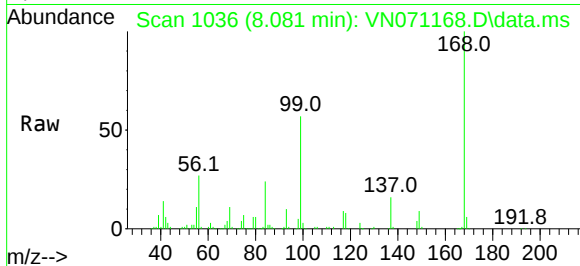
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
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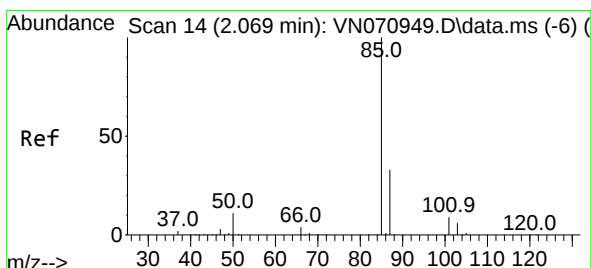
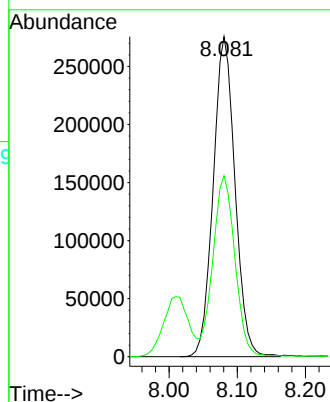
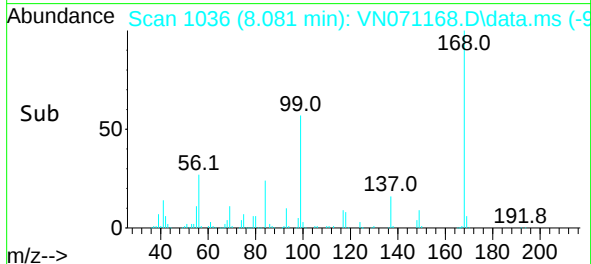
Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 61295
Ion Ratio Lower Upper
168 100
99 56.2 41.3 61.9

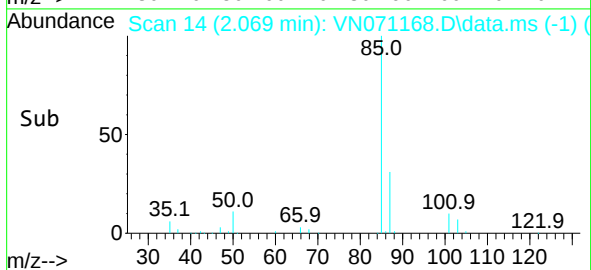
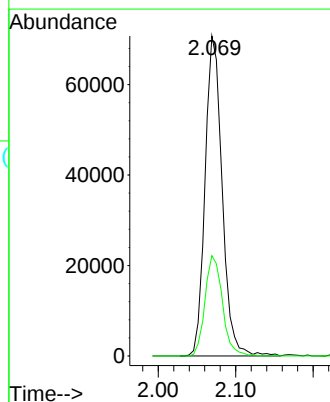
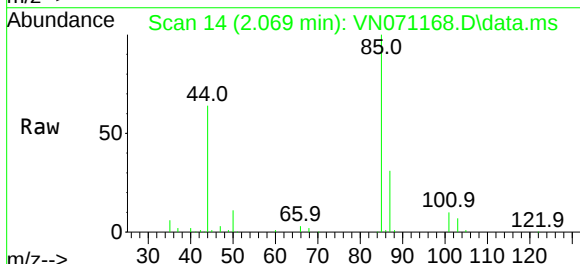
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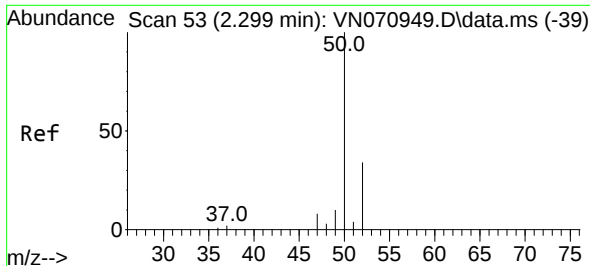
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#2
Dichlorodifluoromethane
Concen: 17.020 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

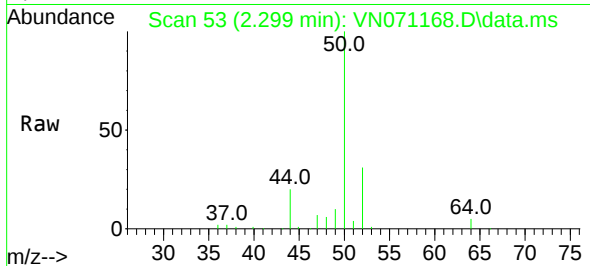
Tgt Ion: 85 Resp: 108355
Ion Ratio Lower Upper
85 100
87 31.3 16.3 48.9





#3
Chloromethane
Concen: 17.975 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

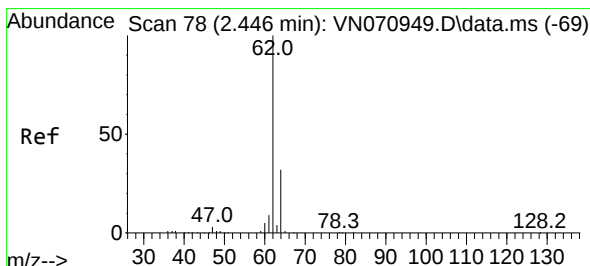
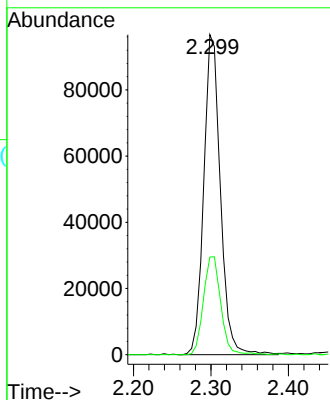
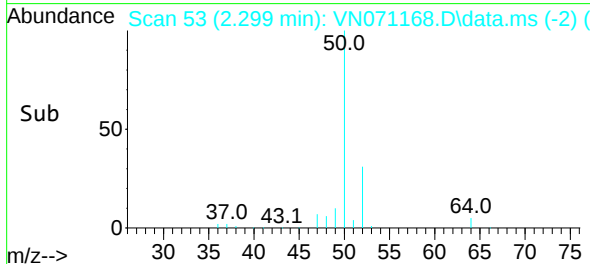
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Tgt Ion: 50 Resp: 14383
Ion Ratio Lower Upper
50 100
52 30.5 25.4 38.0

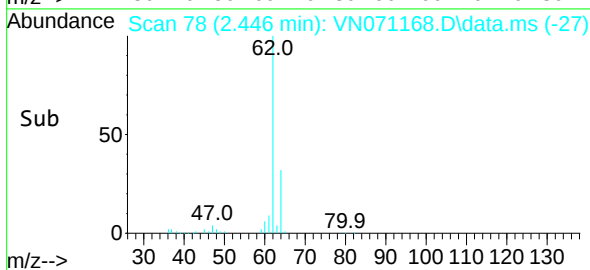
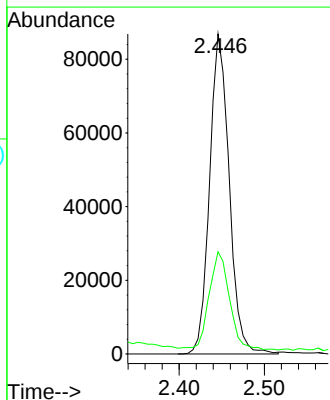
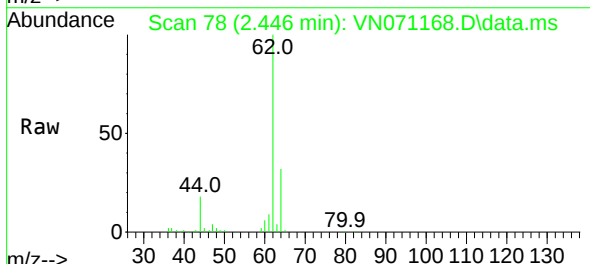
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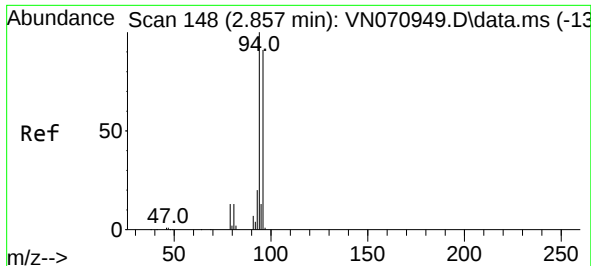
Reviewed By :John Carlone 03/07/2022
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#4
Vinyl Chloride
Concen: 17.322 ug/l
RT: 2.446 min Scan# 78
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

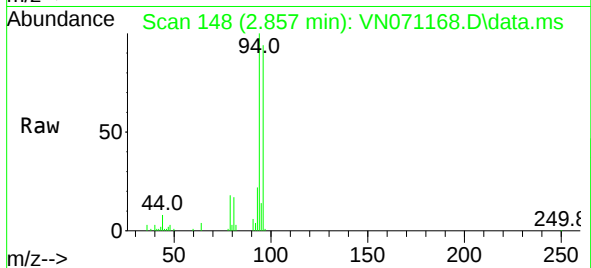
Tgt Ion: 62 Resp: 138761
Ion Ratio Lower Upper
62 100
64 30.7 25.8 38.6





#5
Bromomethane
Concen: 18.117 ug/l
RT: 2.857 min Scan# 148
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

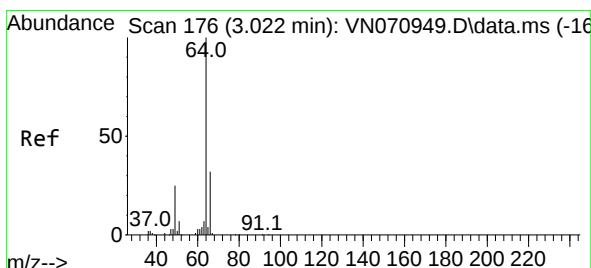
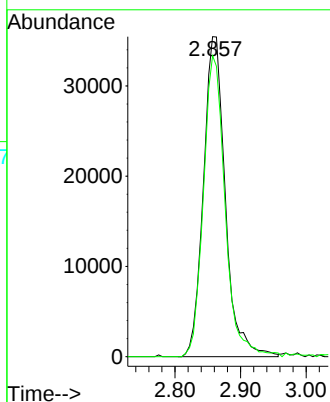
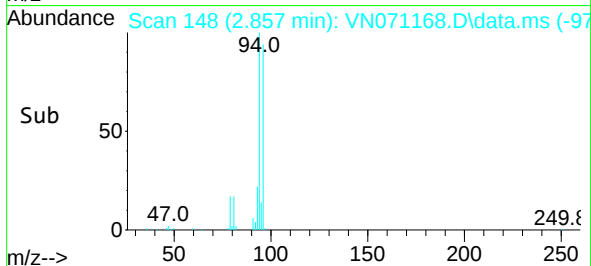
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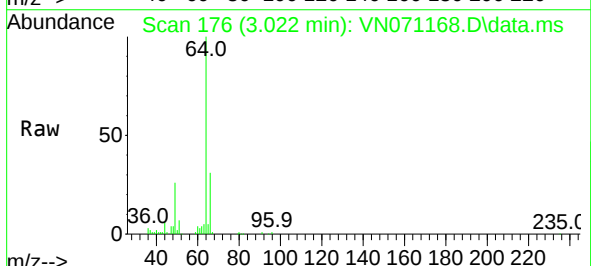
Tgt Ion: 94 Resp: 8244
Ion Ratio Lower Upper
94 100
96 94.0 73.8 110.8

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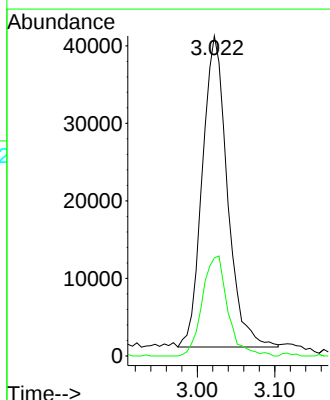
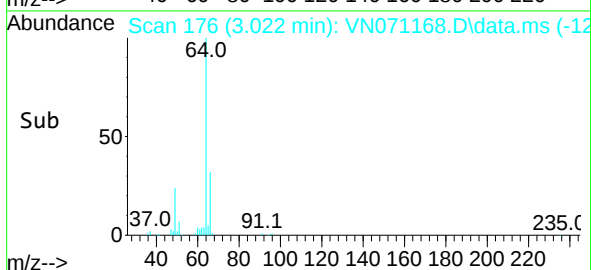
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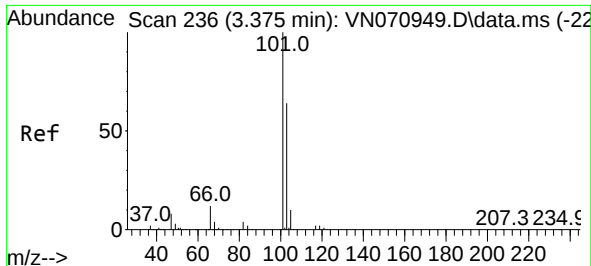


#6
Chloroethane
Concen: 17.162 ug/l
RT: 3.022 min Scan# 176
Delta R.T. -0.000 min
Lab File: VN071168.D
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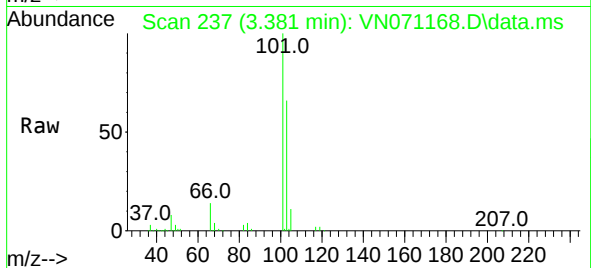
Tgt Ion: 64 Resp: 90189
Ion Ratio Lower Upper
64 100
66 31.6 26.3 39.5





#7
 Trichlorofluoromethane
 Concen: 19.062 ug/l
 RT: 3.381 min Scan# 211
 Delta R.T. 0.006 min
 Lab File: VN071168.D
 Acq: 04 Mar 2022 14:53

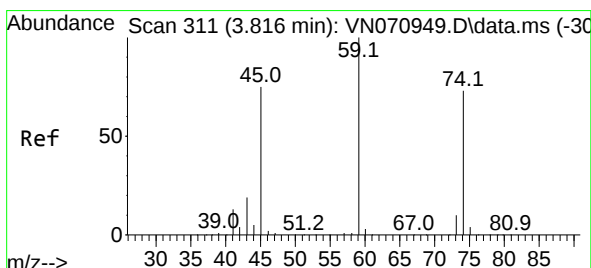
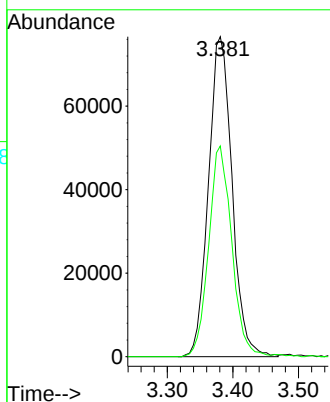
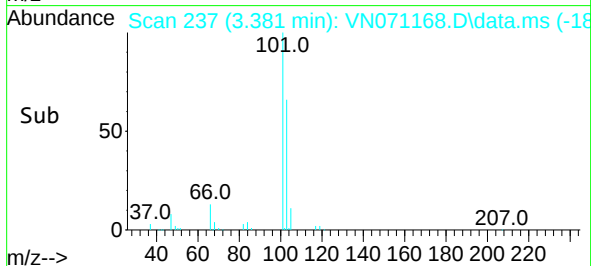
Instrument :
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Tgt Ion:101 Resp: 191359
 Ion Ratio Lower Upper
 101 100
 103 65.9 50.1 75.1

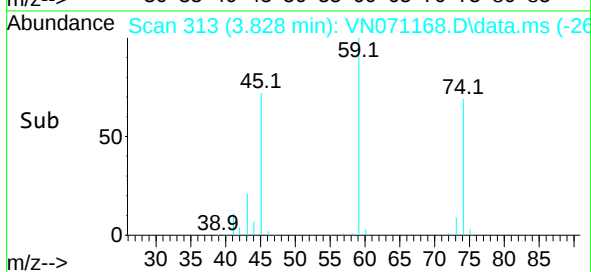
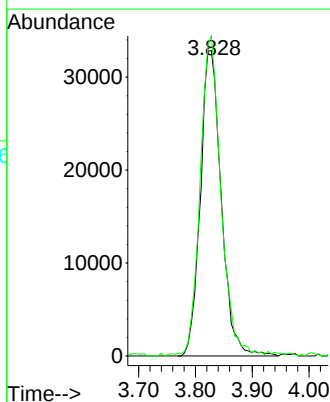
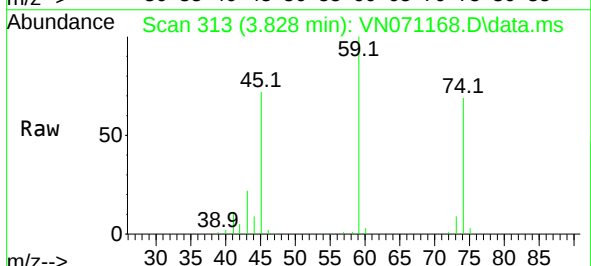
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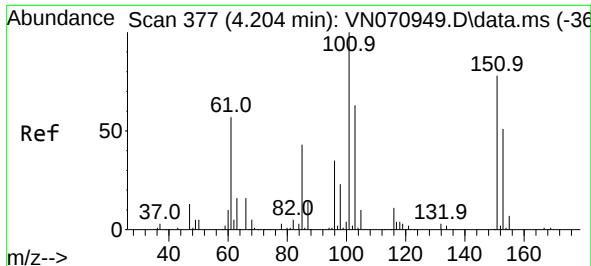
Reviewed By :John Carlone 03/07/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#8
 Diethyl Ether
 Concen: 19.201 ug/l
 RT: 3.828 min Scan# 313
 Delta R.T. 0.012 min
 Lab File: VN071168.D
 Acq: 04 Mar 2022 14:53

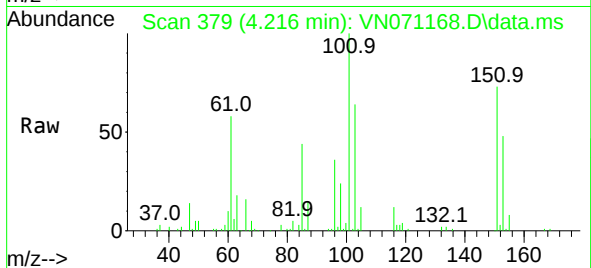
Tgt Ion: 74 Resp: 83794
 Ion Ratio Lower Upper
 74 100
 45 104.7 47.0 141.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.910 ug/l
RT: 4.216 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

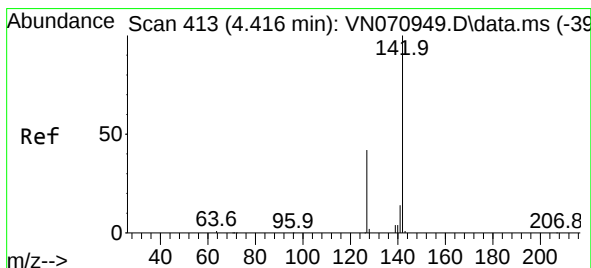
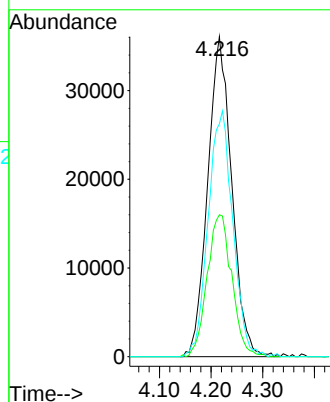
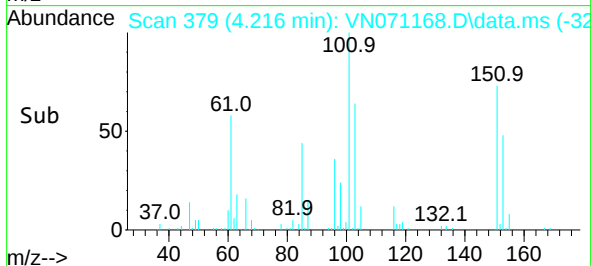
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01



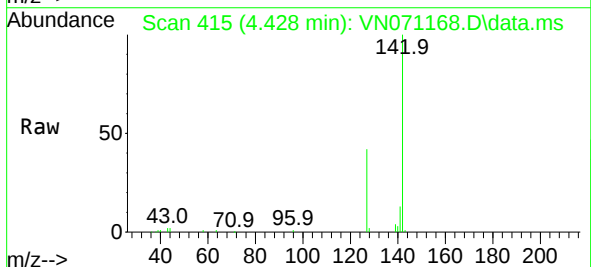
Tgt Ion:101 Resp: 116469
Ion Ratio Lower Upper
101 100
85 45.5 37.2 55.8
151 78.8 65.9 98.9

Manual Integrations
APPROVED

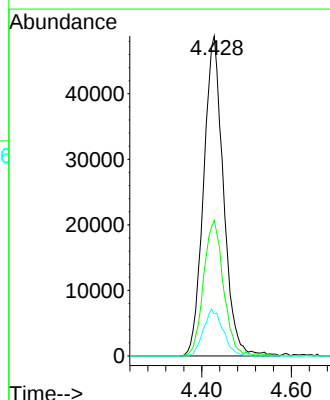
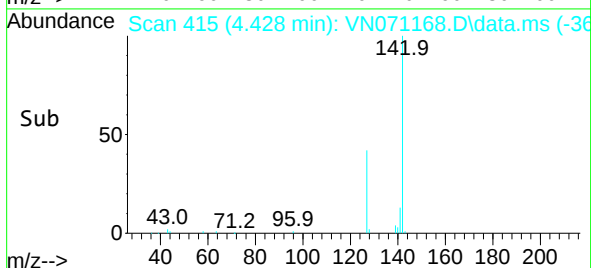
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

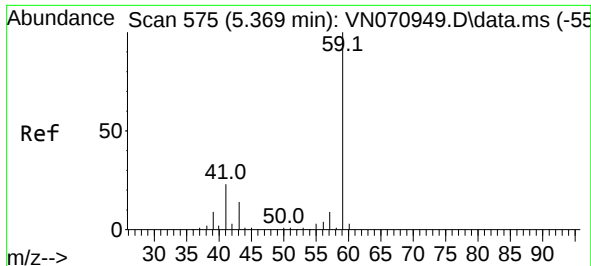


#10
Methyl Iodide
Concen: 17.536 ug/l
RT: 4.428 min Scan# 415
Delta R.T. 0.012 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53



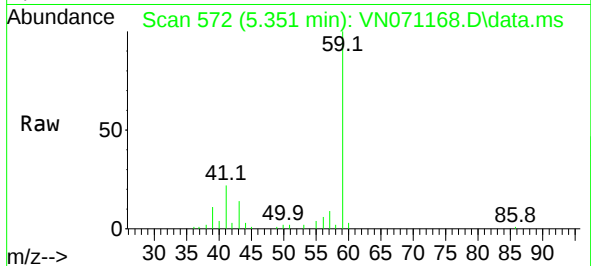
Tgt Ion:142 Resp: 149586
Ion Ratio Lower Upper
142 100
127 42.7 35.4 53.0
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 92.501 ug/l
RT: 5.351 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

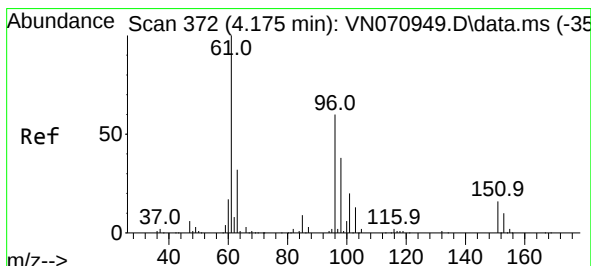
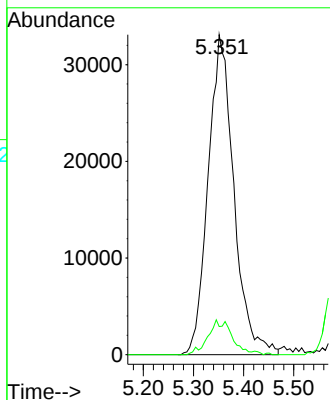
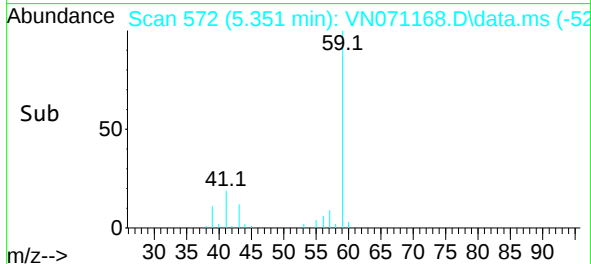
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01



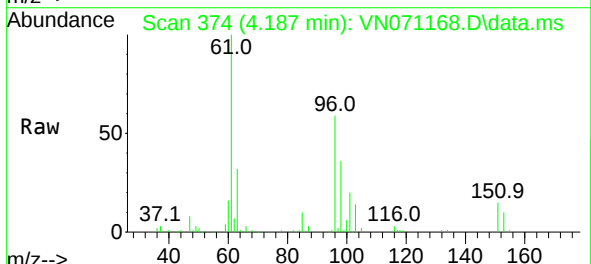
Tgt Ion: 59 Resp: 11803
Ion Ratio Lower Upper
59 100
57 10.0 8.7 13.1

Manual Integrations
APPROVED

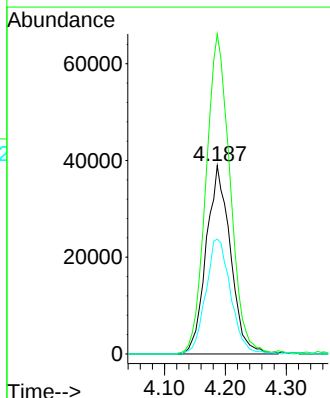
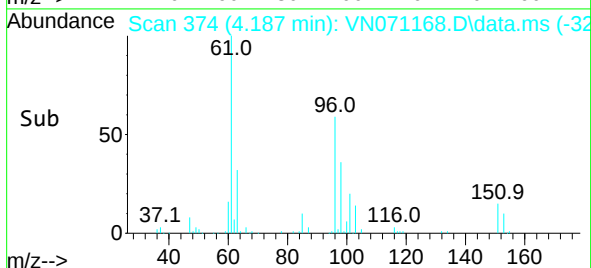
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

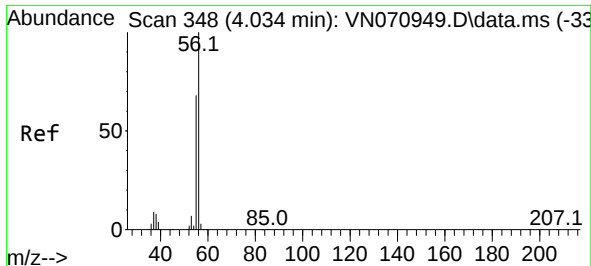


#12
1,1-Dichloroethene
Concen: 17.868 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.012 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53



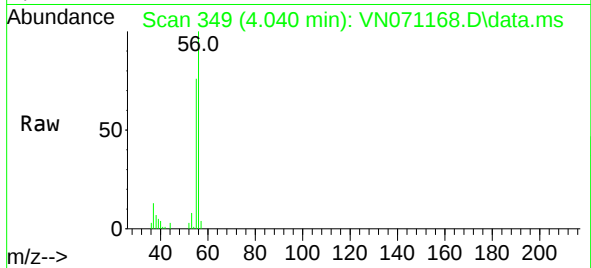
Tgt Ion: 96 Resp: 107221
Ion Ratio Lower Upper
96 100
61 169.5 131.0 196.6
98 60.9 52.4 78.6





#13
Acrolein
Concen: 68.393 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

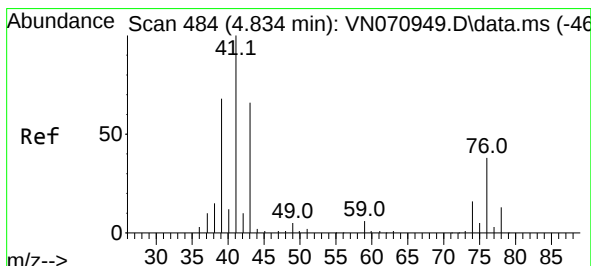
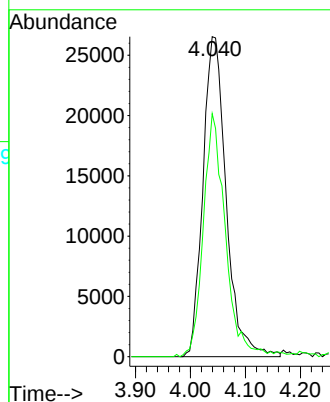
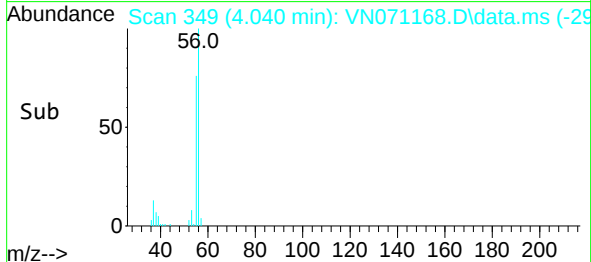
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01



Tgt Ion: 56 Resp: 7798
Ion Ratio Lower Upper
56 100
55 71.4 56.6 85.0

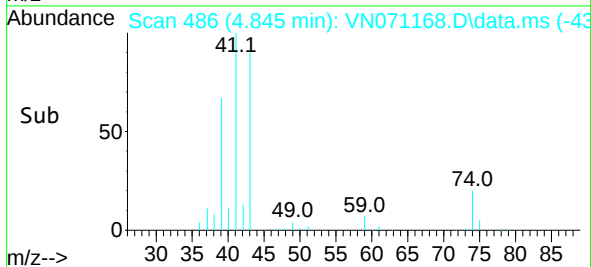
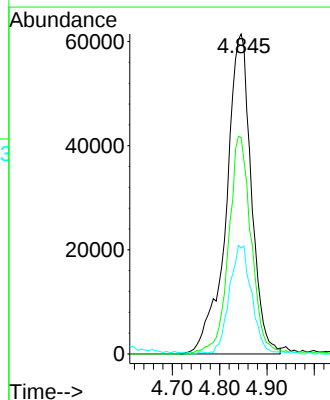
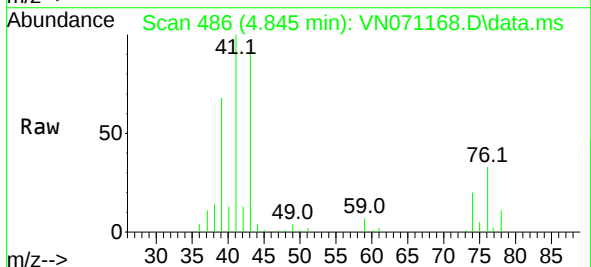
Manual Integrations
APPROVED

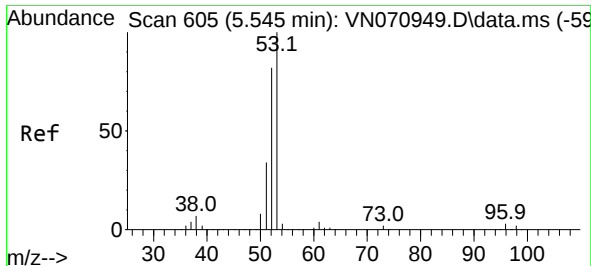
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#14
Allyl chloride
Concen: 19.764 ug/l
RT: 4.845 min Scan# 486
Delta R.T. 0.012 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

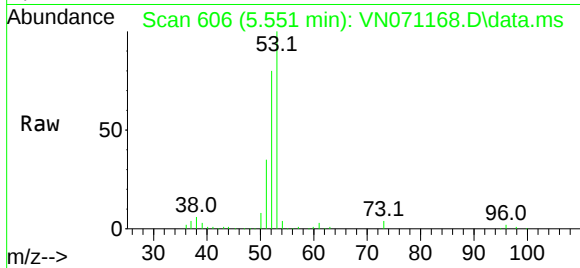
Tgt Ion: 41 Resp: 226193
Ion Ratio Lower Upper
41 100
39 61.5 61.2 91.8
76 29.6 26.0 39.0





#15
Acrylonitrile
Concen: 105.664 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

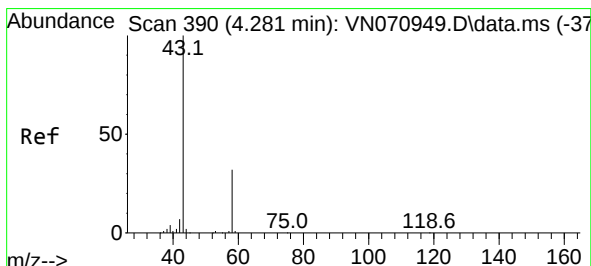
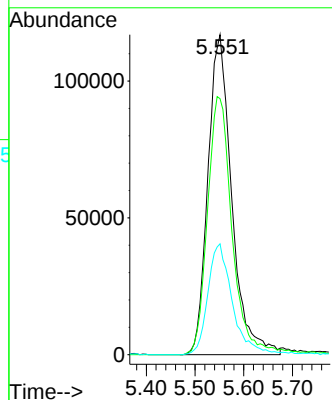
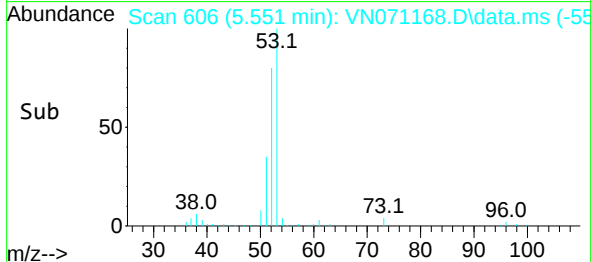
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01



Tgt Ion: 53 Resp: 39715
Ion Ratio Lower Upper
53 100
52 83.7 66.2 99.2
51 35.9 29.6 44.4

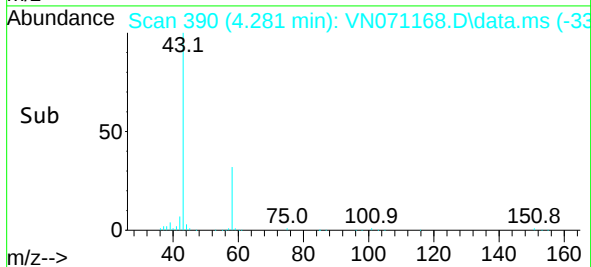
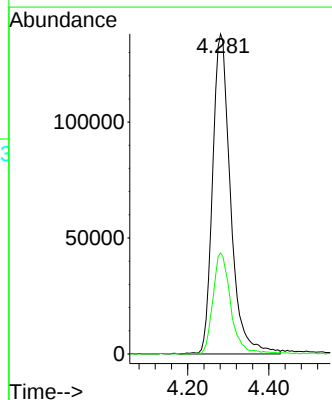
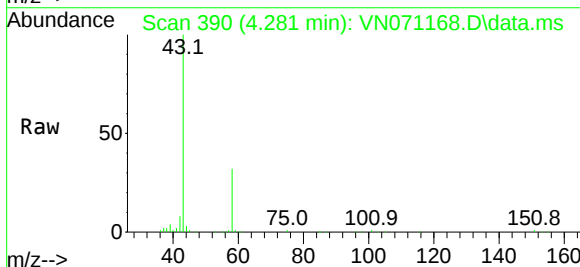
Manual Integrations
APPROVED

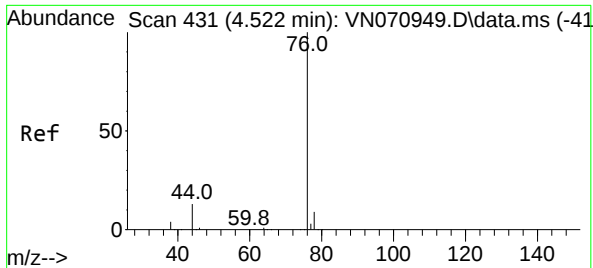
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#16
Acetone
Concen: 109.624 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

Tgt Ion: 43 Resp: 422720
Ion Ratio Lower Upper
43 100
58 31.5 23.1 34.7





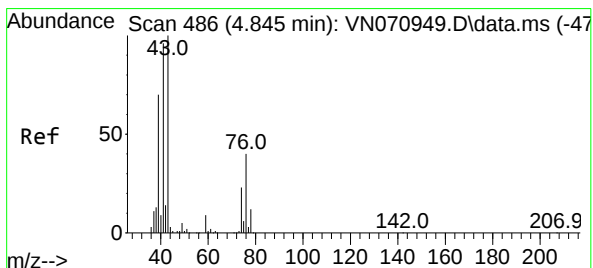
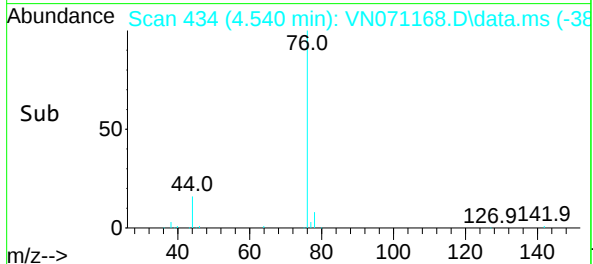
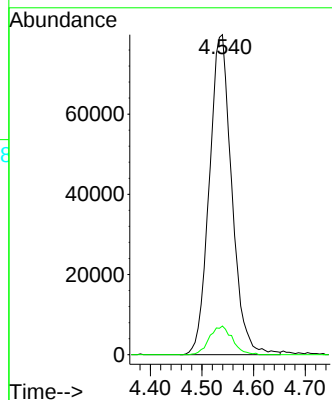
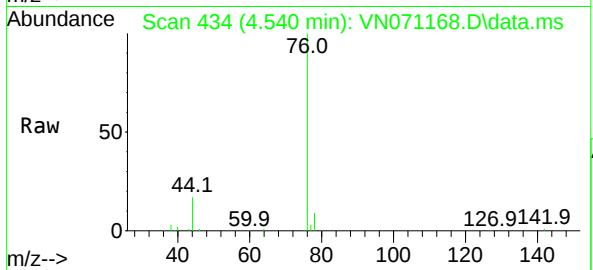
#17
Carbon Disulfide
Concen: 14.011 ug/l
RT: 4.540 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01

Tgt Ion: 76 Resp: 241110
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

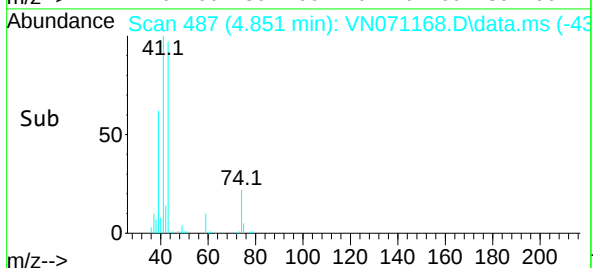
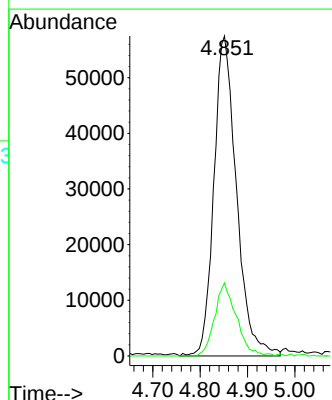
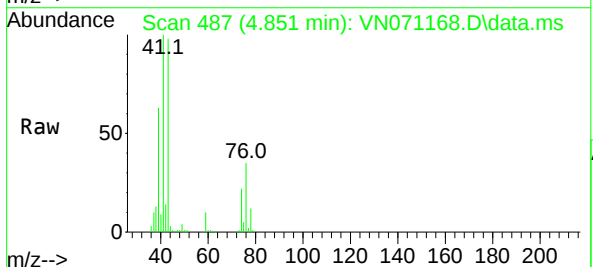
Manual Integrations
APPROVED

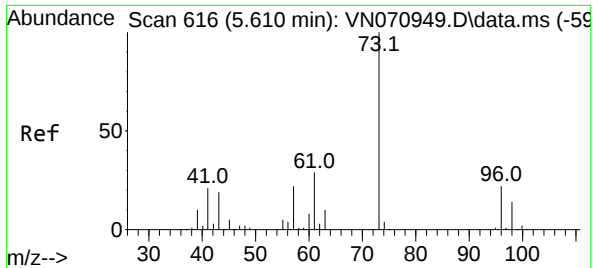
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#18
Methyl Acetate
Concen: 22.242 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.006 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

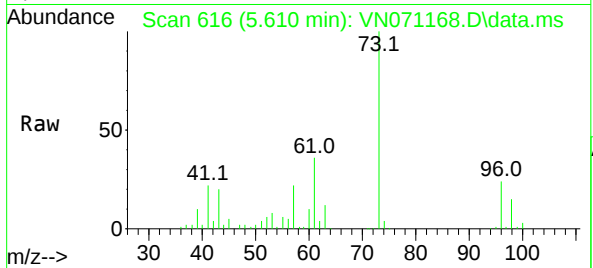
Tgt Ion: 43 Resp: 190623
Ion Ratio Lower Upper
43 100
74 21.7 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 20.683 ug/l
RT: 5.610 min Scan# 616
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

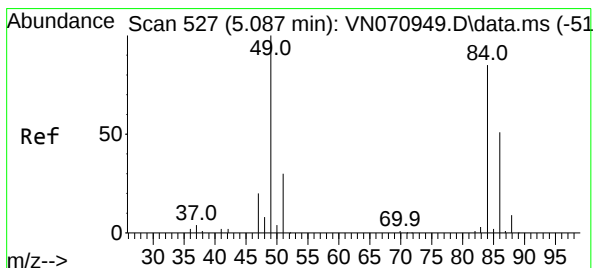
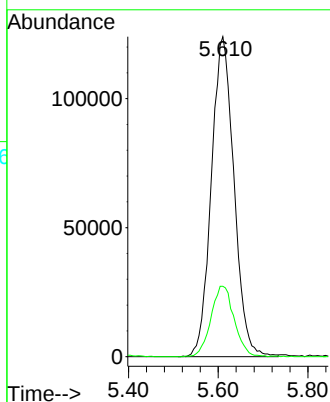
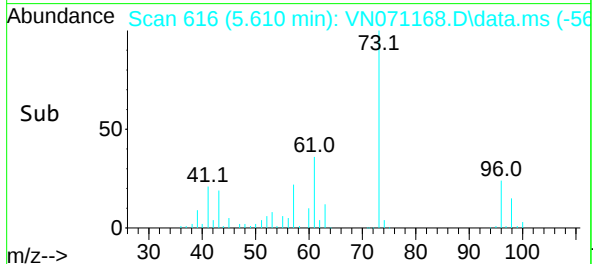
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01



Tgt Ion: 73 Resp: 435374
Ion Ratio Lower Upper
73 100
57 22.0 16.8 25.2

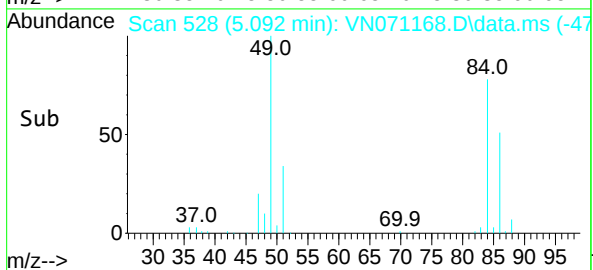
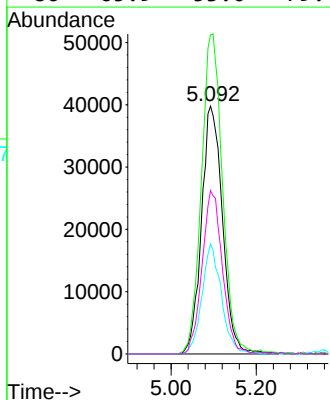
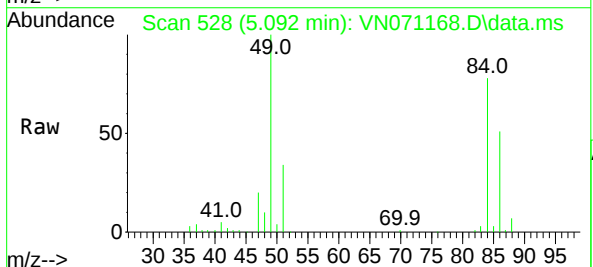
Manual Integrations
APPROVED

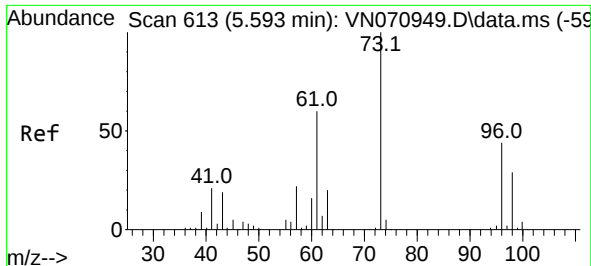
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#20
Methylene Chloride
Concen: 19.413 ug/l
RT: 5.092 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

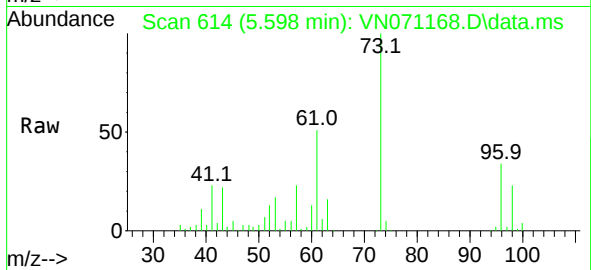
Tgt Ion: 84 Resp: 136045
Ion Ratio Lower Upper
84 100
49 128.8 93.5 140.3
51 44.4 29.4 44.2#
86 65.9 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 17.735 ug/l
RT: 5.598 min Scan# 613
Delta R.T. 0.006 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

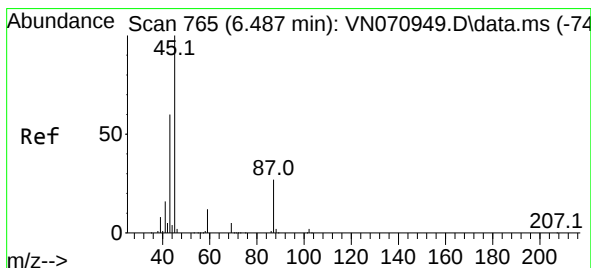
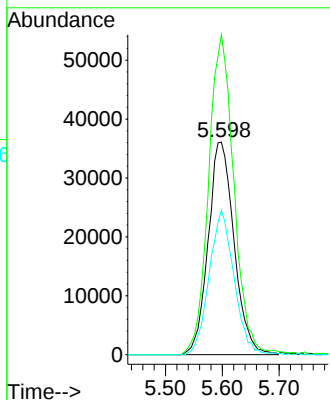
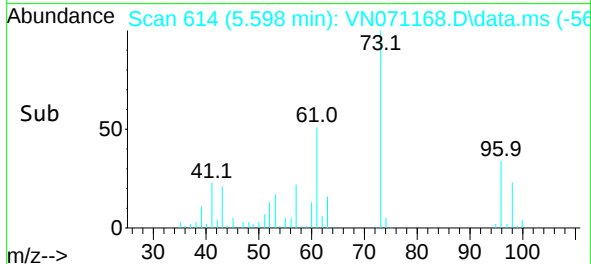
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01



Tgt Ion: 96 Resp: 114229
Ion Ratio Lower Upper
96 100
61 150.5 105.8 158.6
98 67.8 52.0 78.0

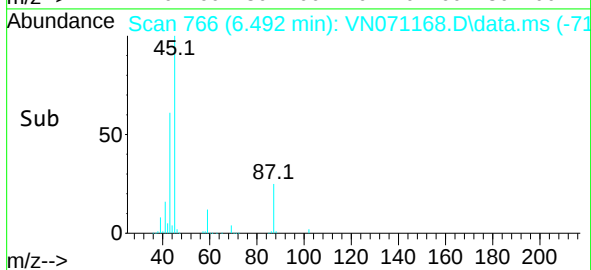
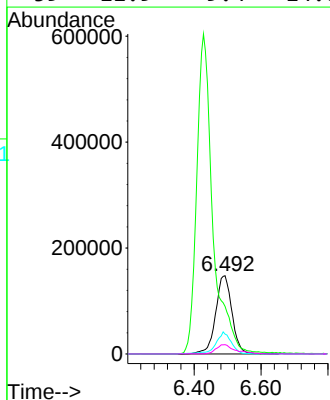
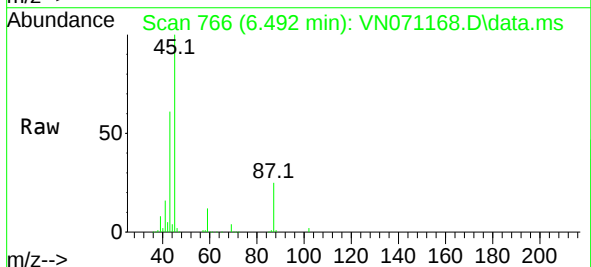
Manual Integrations
APPROVED

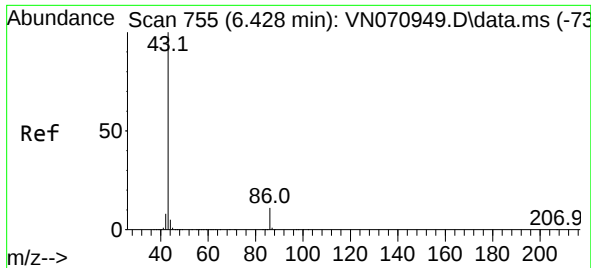
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#22
Diisopropyl ether
Concen: 22.907 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

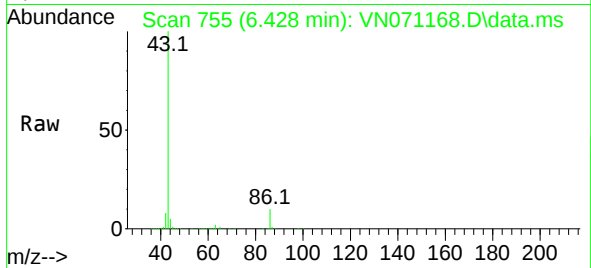
Tgt Ion: 45 Resp: 502803
Ion Ratio Lower Upper
45 100
43 60.7 51.7 77.5
87 25.4 23.2 34.8
59 11.9 9.4 14.0





#23
 Vinyl Acetate
 Concen: 108.826 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN071168.D
 Acq: 04 Mar 2022 14:53

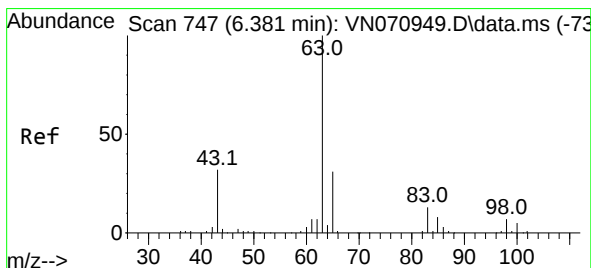
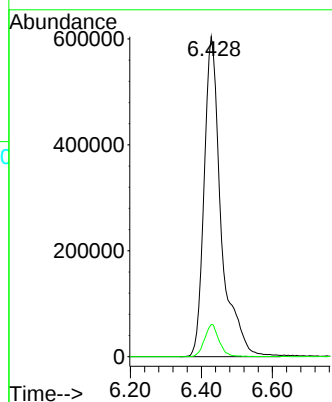
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0304WBSD01



Tgt Ion: 43 Resp: 202206
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.5 12.7

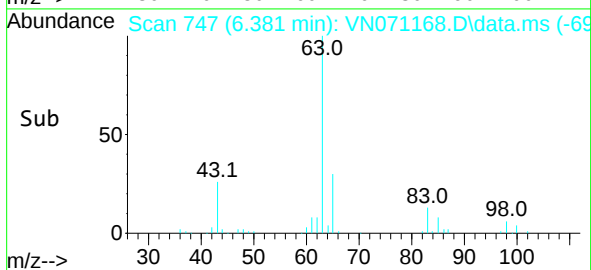
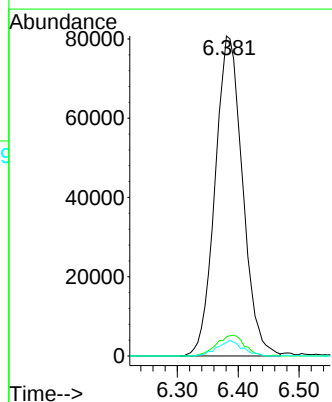
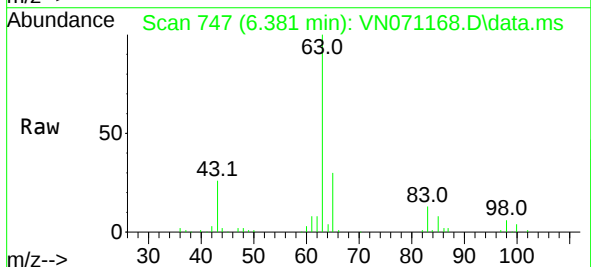
Manual Integrations
 APPROVED

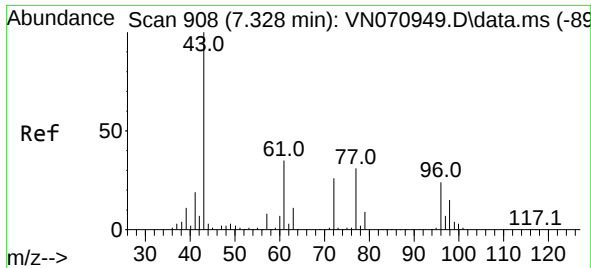
Reviewed By :John Carlone 03/07/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#24
 1,1-Dichloroethane
 Concen: 20.538 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.000 min
 Lab File: VN071168.D
 Acq: 04 Mar 2022 14:53

Tgt Ion: 63 Resp: 252710
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.9
 100 4.2 2.1 6.5





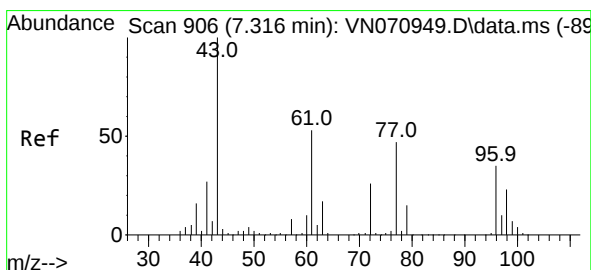
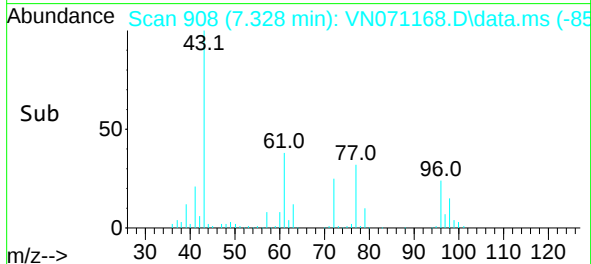
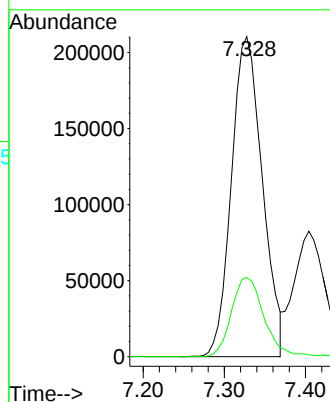
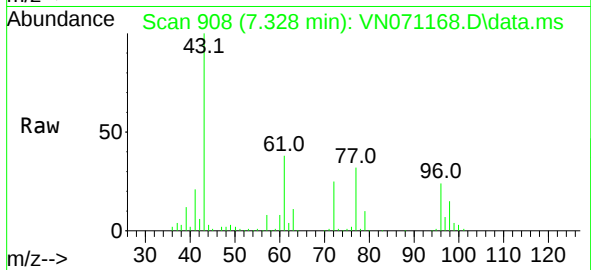
#25
2-Butanone
Concen: 108.611 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01

Tgt Ion: 43 Resp: 55714
Ion Ratio Lower Upper
43 100
72 24.7 21.7 32.5

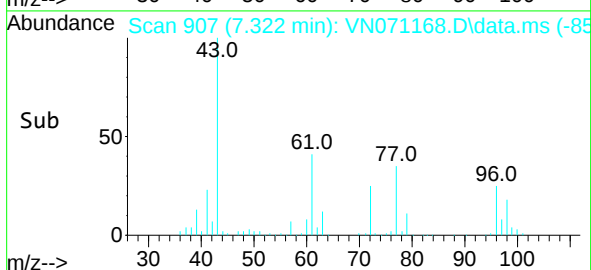
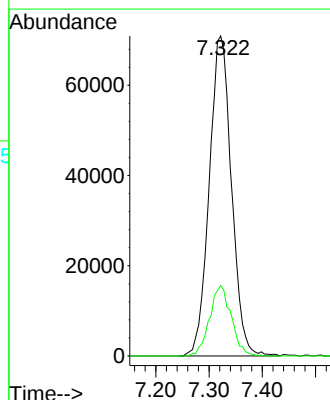
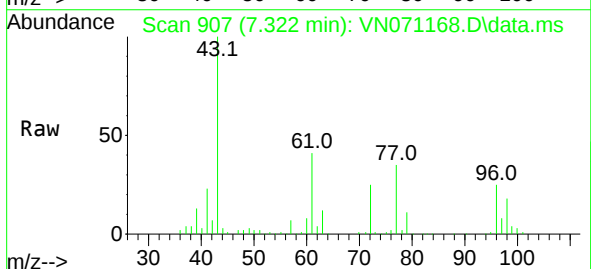
Manual Integrations
APPROVED

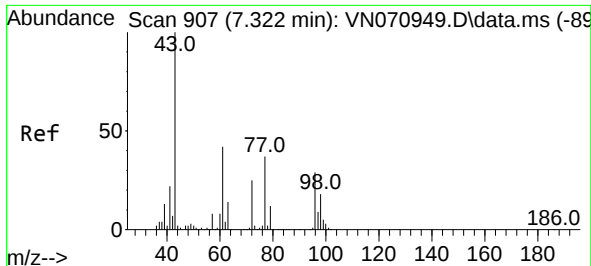
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#26
2,2-Dichloropropane
Concen: 20.120 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

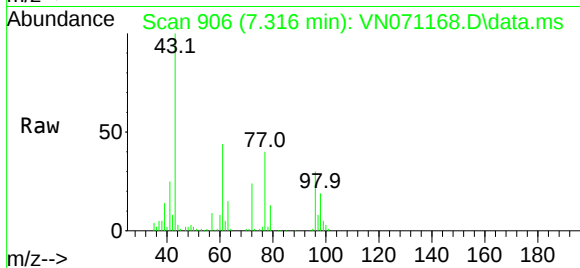
Tgt Ion: 77 Resp: 205759
Ion Ratio Lower Upper
77 100
97 21.4 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 19.451 ug/l
 RT: 7.316 min Scan# 907
 Delta R.T. -0.006 min
 Lab File: VN071168.D
 Acq: 04 Mar 2022 14:53

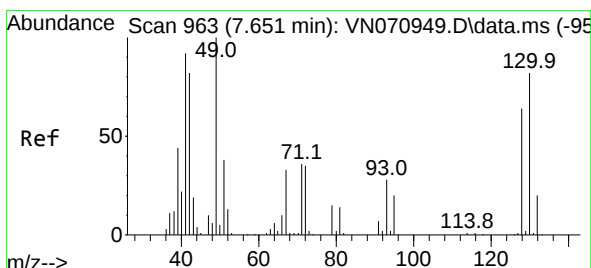
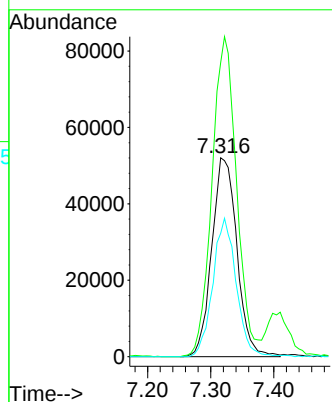
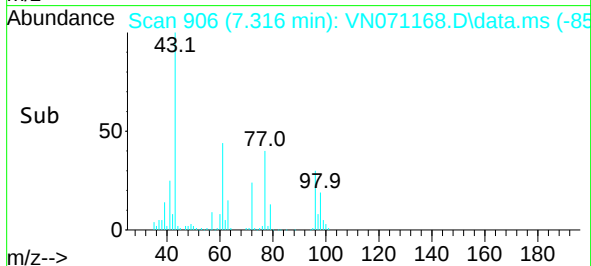
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0304WBSD01



Tgt Ion: 96 Resp: 14398
 Ion Ratio Lower Upper
 96 100
 61 157.9 0.0 275.0
 98 64.7 0.0 129.6

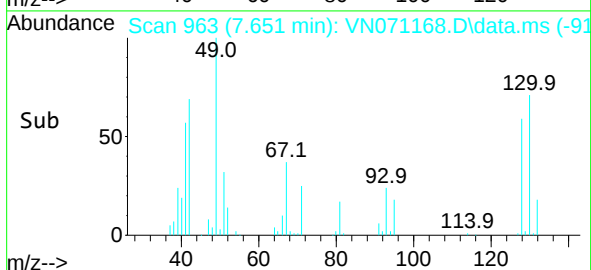
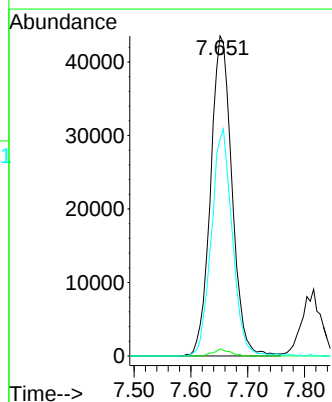
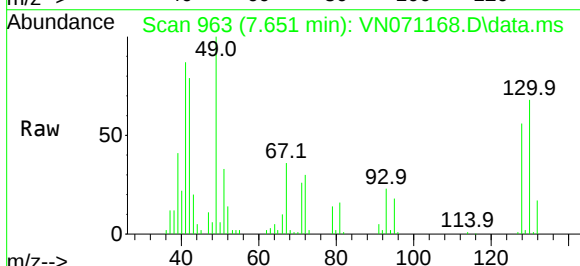
Manual Integrations
 APPROVED

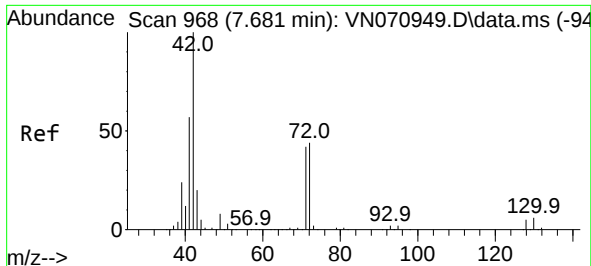
Reviewed By :John Carlone 03/07/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#28
 Bromochloromethane
 Concen: 22.872 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. -0.000 min
 Lab File: VN071168.D
 Acq: 04 Mar 2022 14:53

Tgt Ion: 49 Resp: 113906
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 69.1 67.8 101.8





#29

Tetrahydrofuran

Concen: 108.472 ug/l

RT: 7.675 min Scan# 90

Delta R.T. -0.006 min

Lab File: VN071168.D

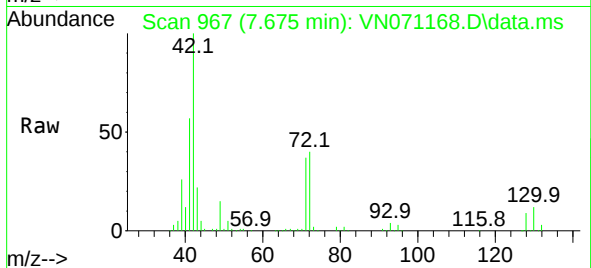
Acq: 04 Mar 2022 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0304WBSD01



Tgt Ion: 42 Resp: 360464

Ion Ratio Lower Upper

42 100

72 40.6 36.3 54.5

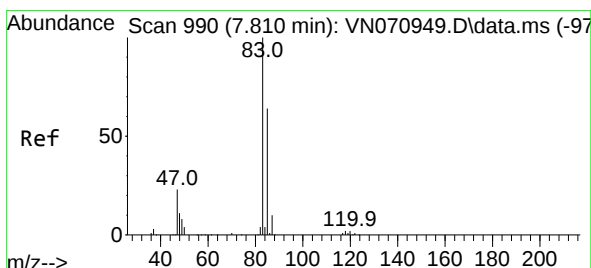
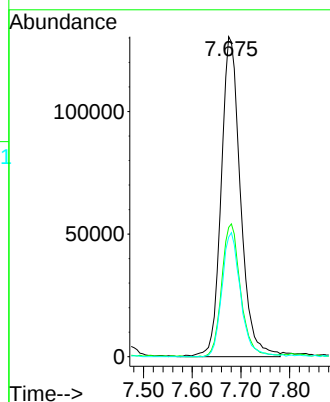
71 37.4 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#30

Chloroform

Concen: 20.231 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN071168.D

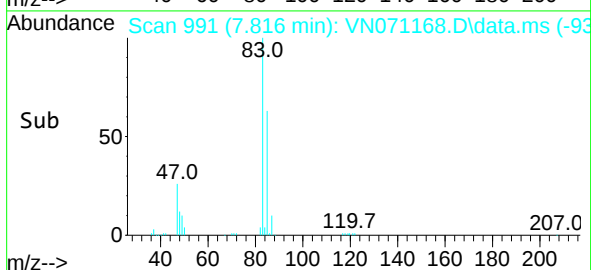
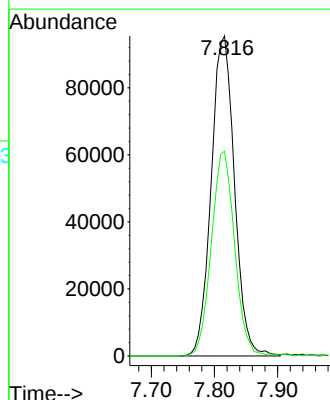
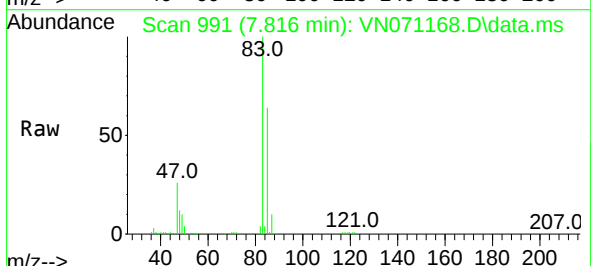
Acq: 04 Mar 2022 14:53

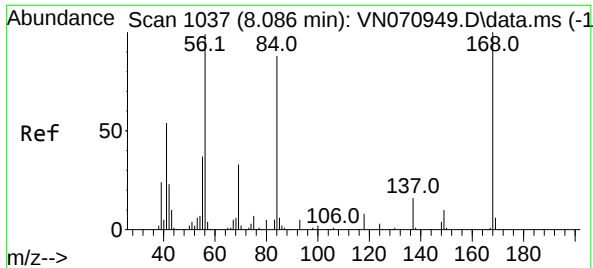
Tgt Ion: 83 Resp: 244839

Ion Ratio Lower Upper

83 100

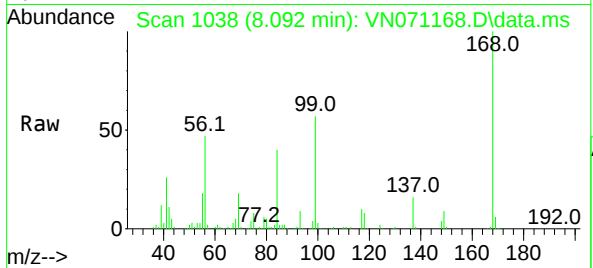
85 64.0 51.9 77.9





#31
Cyclohexane
Concen: 19.535 ug/l
RT: 8.092 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

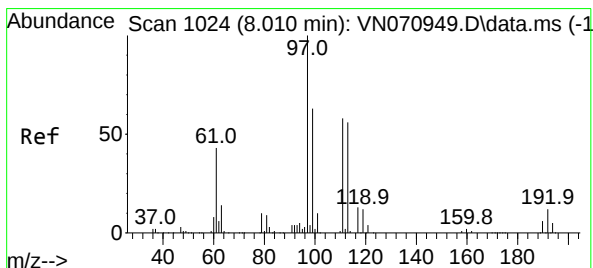
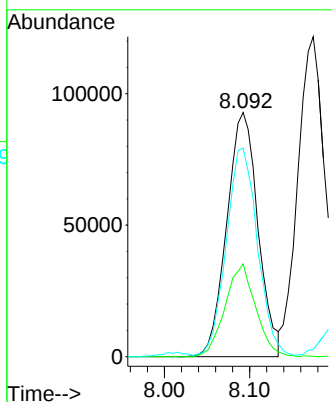
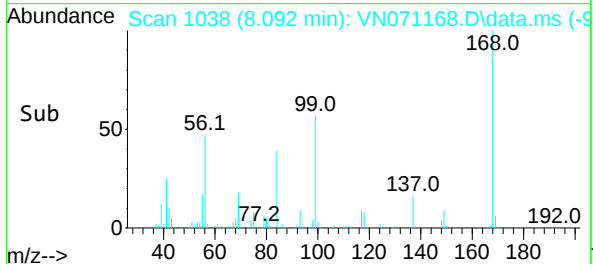
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01



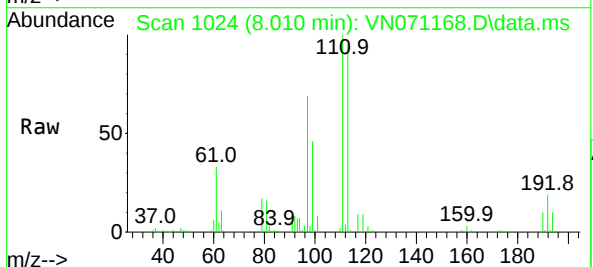
Tgt Ion: 56 Resp: 236562
Ion Ratio Lower Upper
56 100
69 38.0 27.1 40.7
84 83.6 73.4 110.0

Manual Integrations
APPROVED

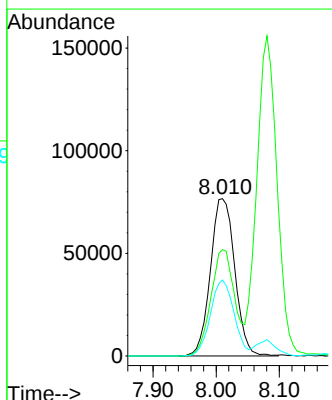
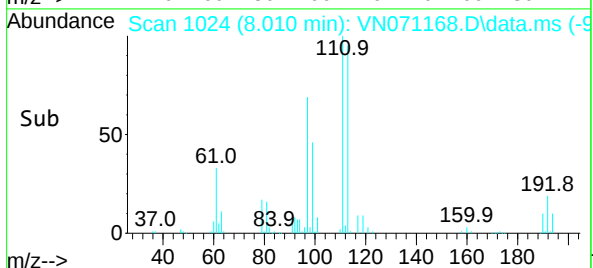
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

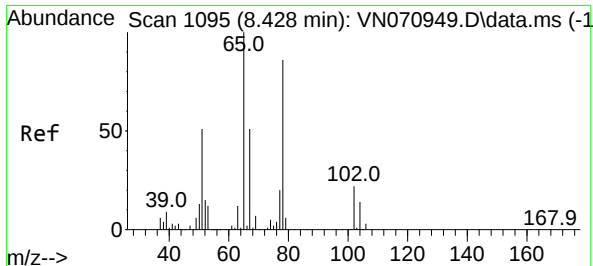


#32
1,1,1-Trichloroethane
Concen: 19.713 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53



Tgt Ion: 97 Resp: 206021
Ion Ratio Lower Upper
97 100
99 66.7 50.1 75.1
61 46.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 53.597 ug/l

RT: 8.433 min Scan# 1095

Delta R.T. 0.006 min

Lab File: VN071168.D

Acq: 04 Mar 2022 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0304WBSD01

Tgt Ion: 65 Resp: 37528

Ion Ratio Lower Upper

65 100

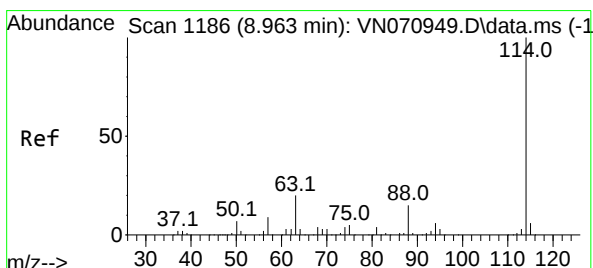
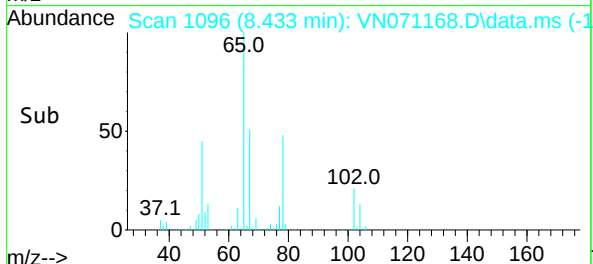
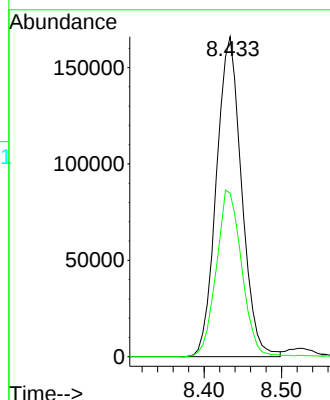
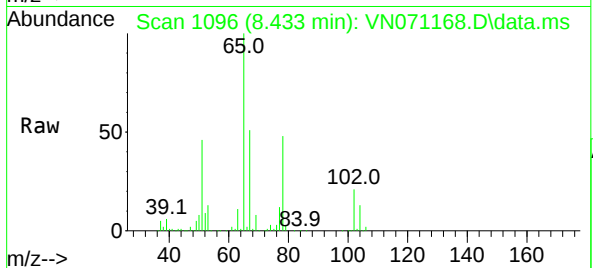
67 52.5 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071168.D

Acq: 04 Mar 2022 14:53

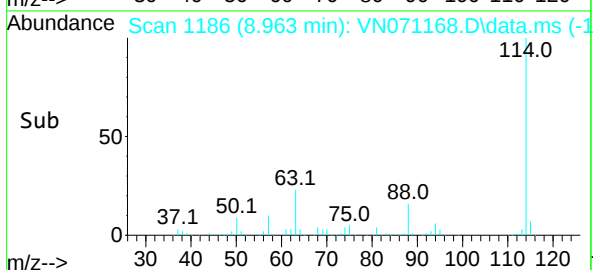
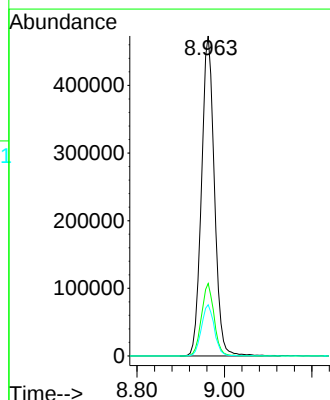
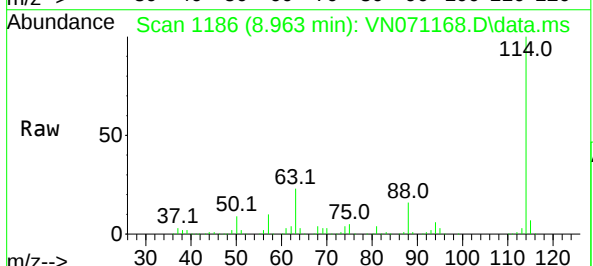
Tgt Ion:114 Resp: 973009

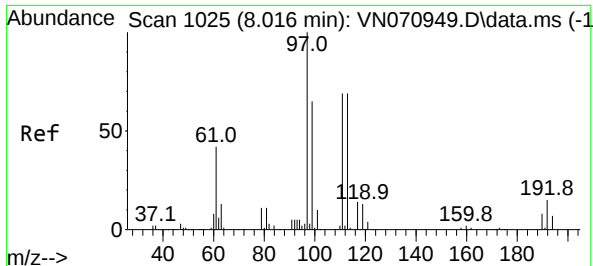
Ion Ratio Lower Upper

114 100

63 22.7 0.0 37.8

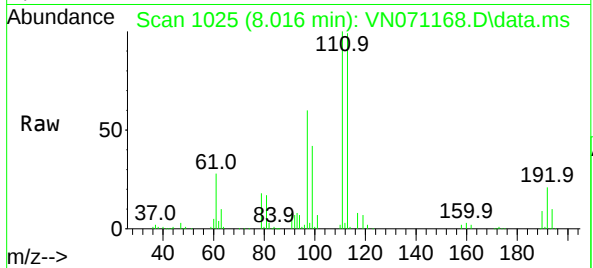
88 16.0 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.436 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

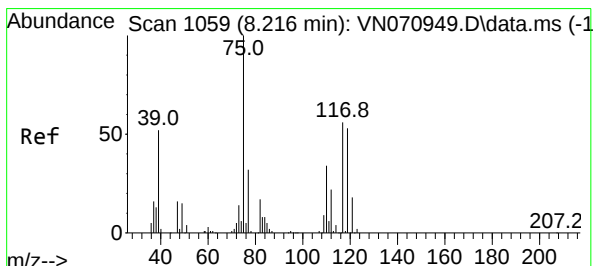
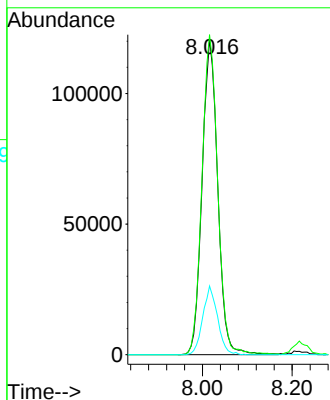
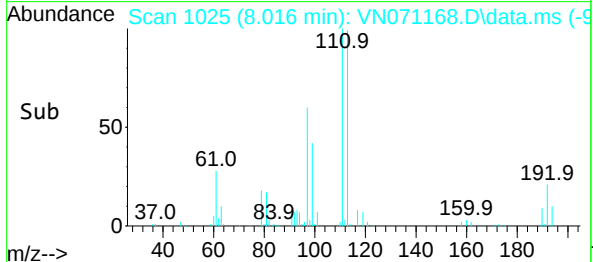
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01



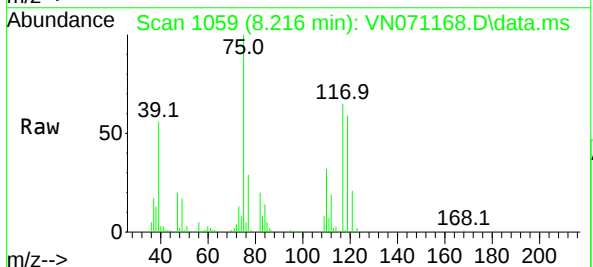
Tgt Ion: 113 Resp: 291898
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 20.6 16.9 25.3

Manual Integrations
APPROVED

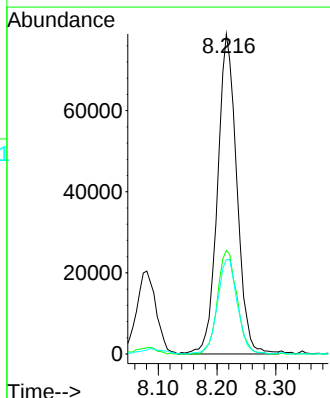
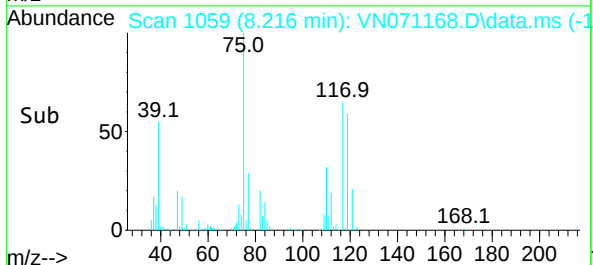
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

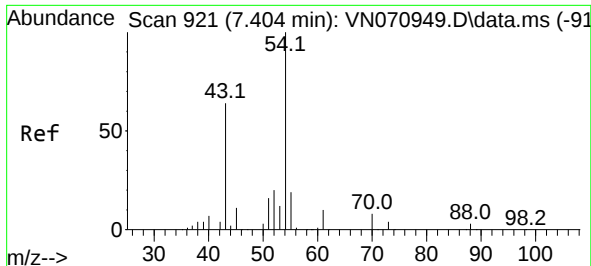


#36
1,1-Dichloropropene
Concen: 18.963 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53



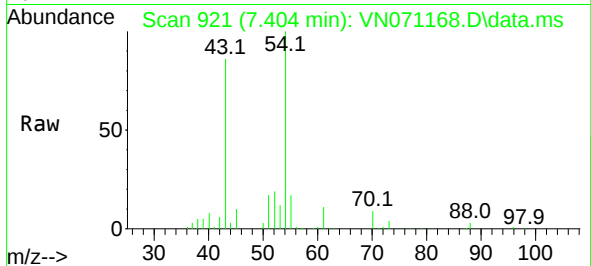
Tgt Ion: 75 Resp: 179806
Ion Ratio Lower Upper
75 100
110 32.5 18.4 55.2
77 30.6 24.4 36.6





#37
Ethyl Acetate
Concen: 21.693 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

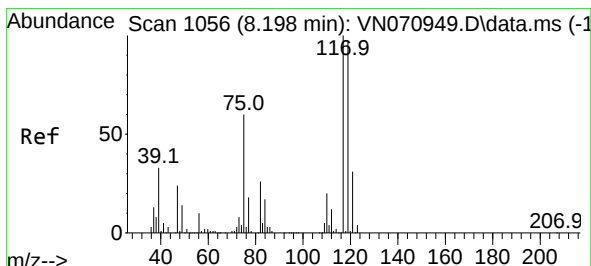
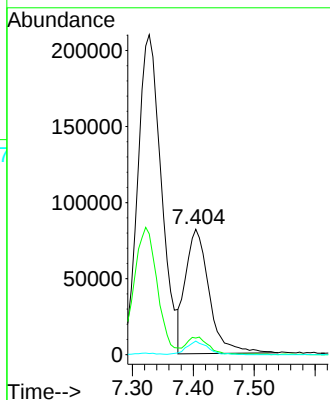
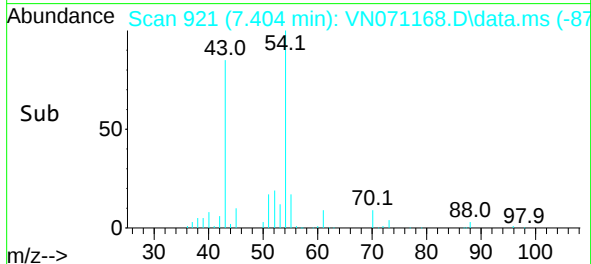
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01



Tgt Ion: 43 Resp: 220592
Ion Ratio Lower Upper
43 100
61 12.4 11.5 17.3
70 9.8 7.9 11.9

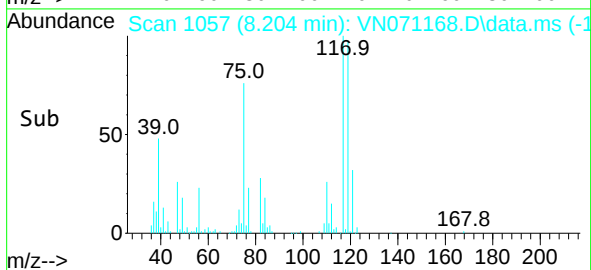
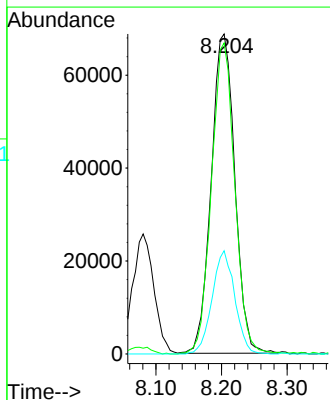
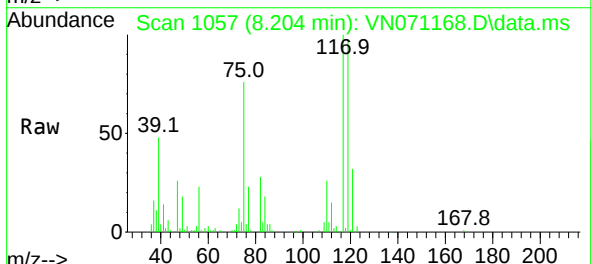
Manual Integrations
APPROVED

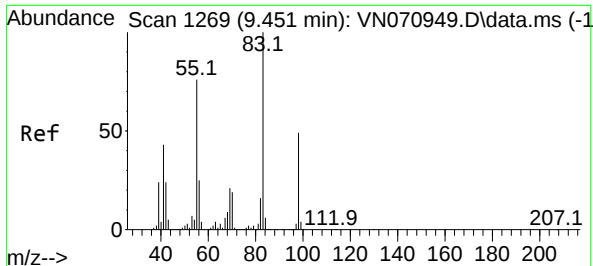
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#38
Carbon Tetrachloride
Concen: 18.359 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

Tgt Ion:117 Resp: 171518
Ion Ratio Lower Upper
117 100
119 97.4 76.1 114.1
121 32.3 24.2 36.2





#39

Methylcyclohexane

Concen: 17.470 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN071168.D

Acq: 04 Mar 2022 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0304WBSD01

Tgt Ion: 83 Resp: 21314

Ion Ratio Lower Upper

83 100

55 85.0 58.1 87.1

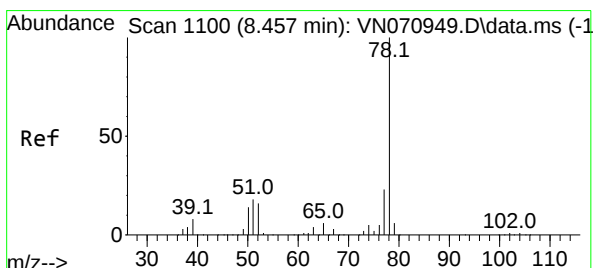
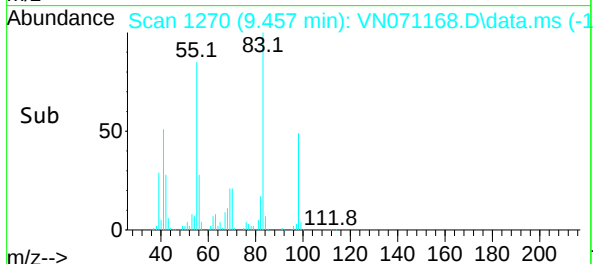
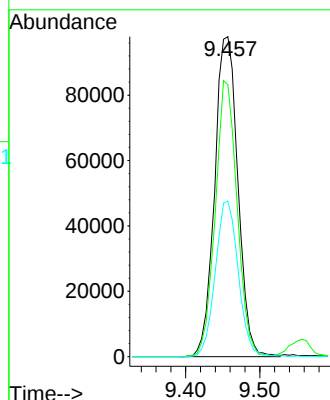
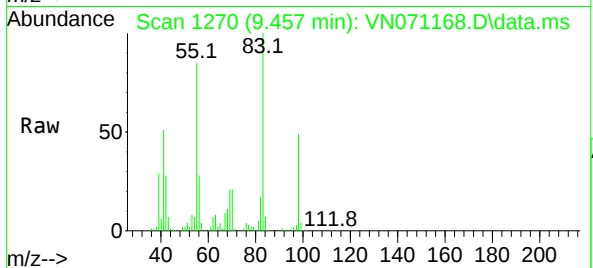
98 48.6 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#40

Benzene

Concen: 19.814 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN071168.D

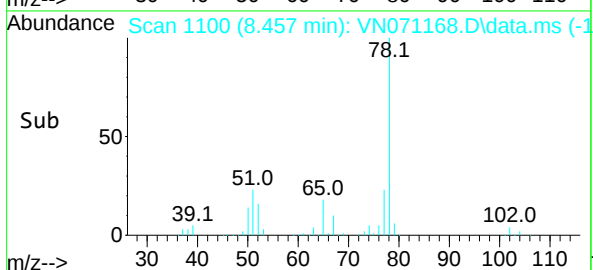
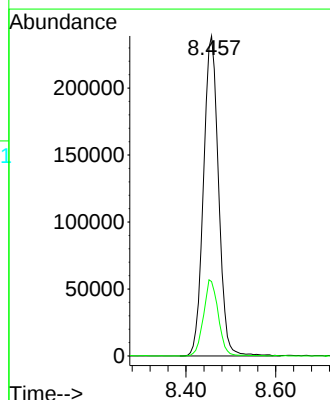
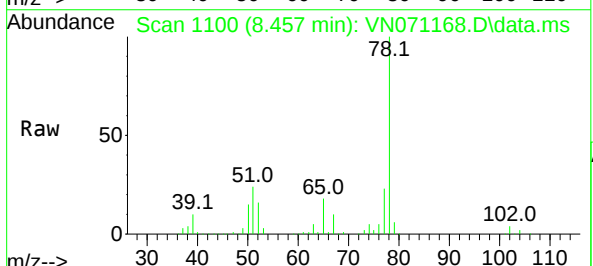
Acq: 04 Mar 2022 14:53

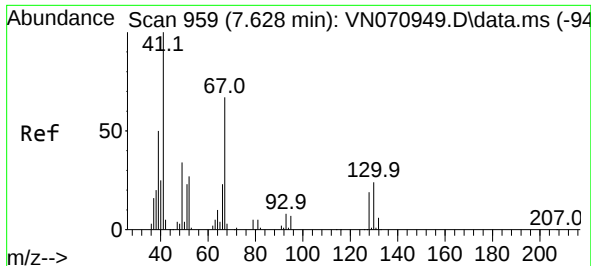
Tgt Ion: 78 Resp: 555724

Ion Ratio Lower Upper

78 100

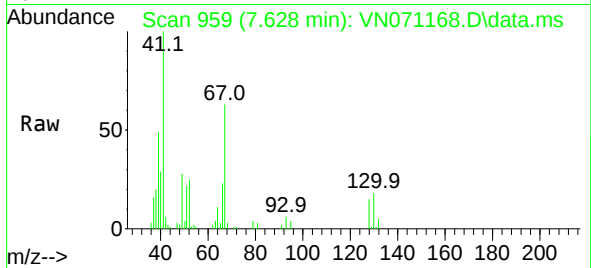
77 23.3 18.6 27.8





#41
Methacrylonitrile
Concen: 22.688 ug/l
RT: 7.628 min Scan# 959
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

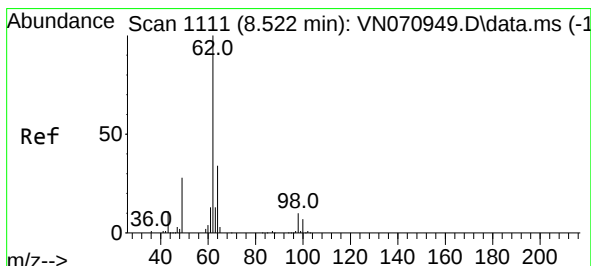
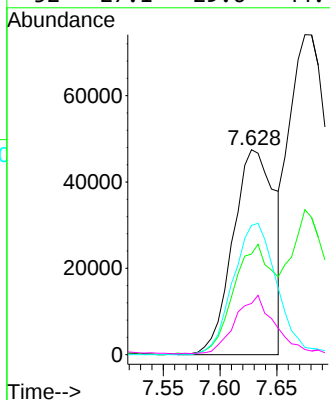
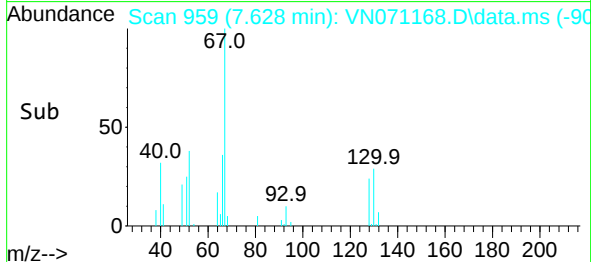
Instrument :
MSVOA_N
Client Sample Id :
VN0304WBSD01



Tgt Ion: 41 Resp: 121510
Ion Ratio Lower Upper
41 100
39 52.0 48.1 72.1
67 68.0 68.3 102.5
52 27.1 29.6 44.4#

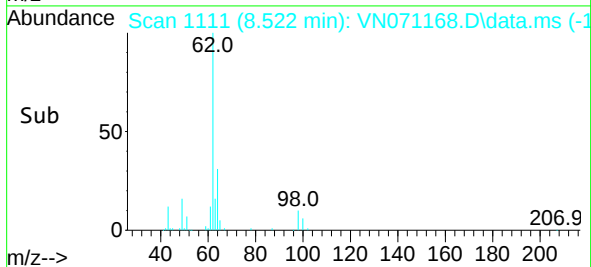
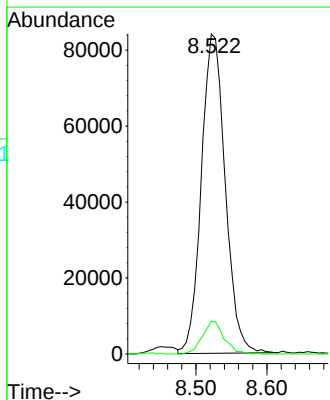
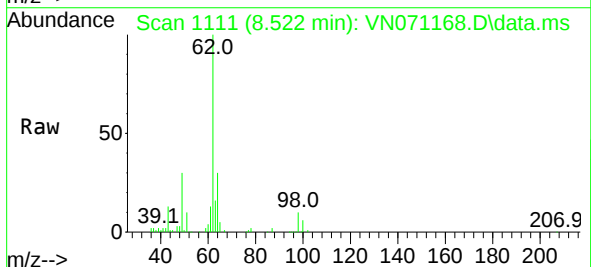
Manual Integrations
APPROVED

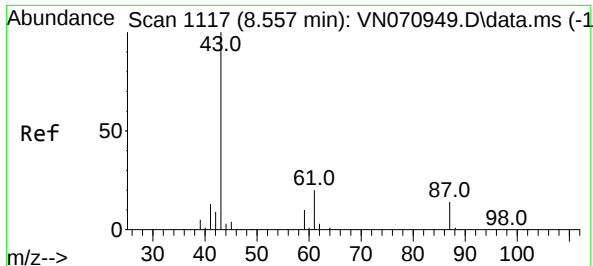
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#42
1,2-Dichloroethane
Concen: 20.535 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

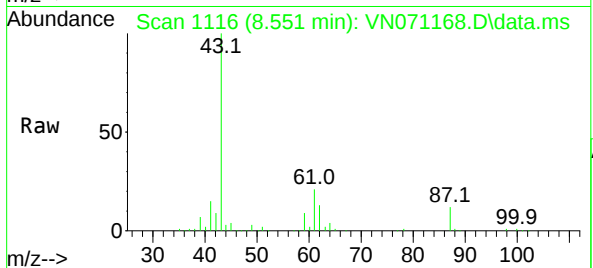
Tgt Ion: 62 Resp: 196154
Ion Ratio Lower Upper
62 100
98 9.4 0.0 17.6





#43
Isopropyl Acetate
Concen: 22.069 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

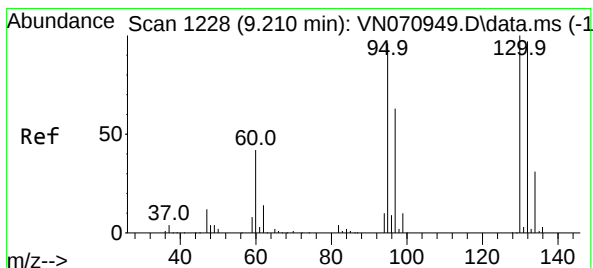
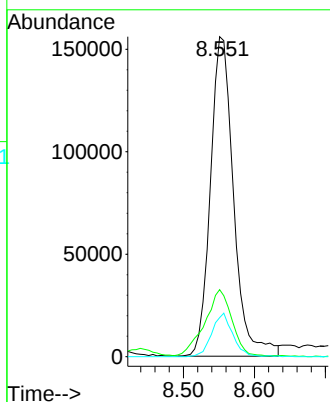
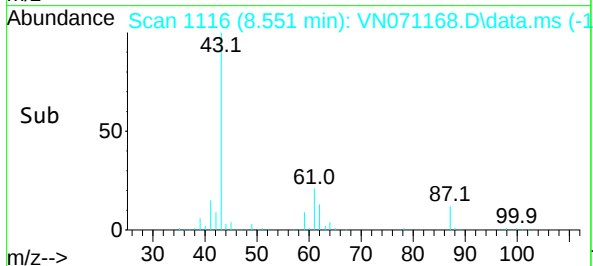
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01



Tgt Ion: 43 Resp: 353740
Ion Ratio Lower Upper
43 100
61 24.9 20.4 30.6
87 12.2 11.2 16.8

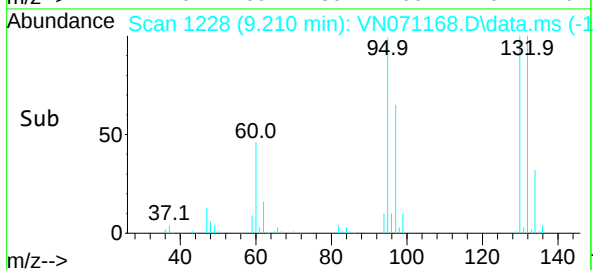
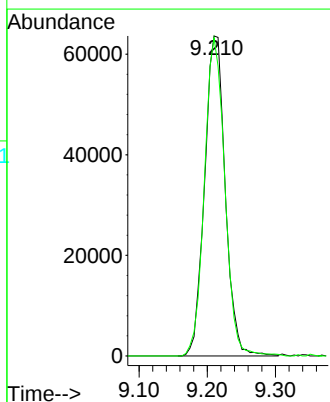
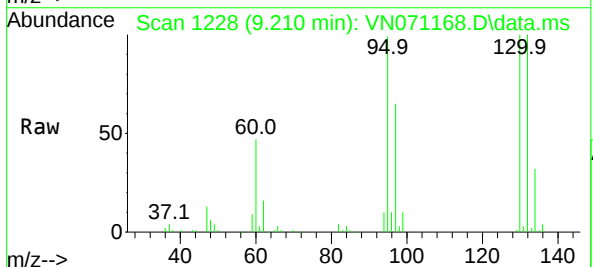
Manual Integrations
APPROVED

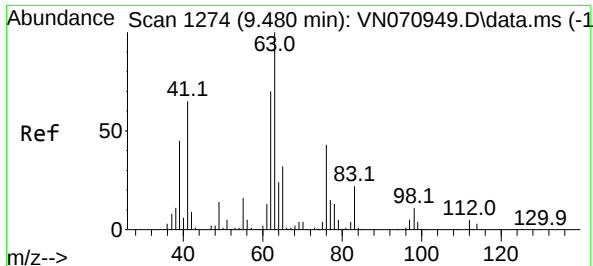
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#44
Trichloroethene
Concen: 18.193 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

Tgt Ion:130 Resp: 134369
Ion Ratio Lower Upper
130 100
95 99.4 0.0 191.2





#45

1,2-Dichloropropane

Concen: 20.925 ug/l

RT: 9.486 min Scan# 1274

Delta R.T. 0.006 min

Lab File: VN071168.D

Acq: 04 Mar 2022 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0304WBSD01

Tgt Ion: 63 Resp: 15033

Ion Ratio Lower Upper

63 100

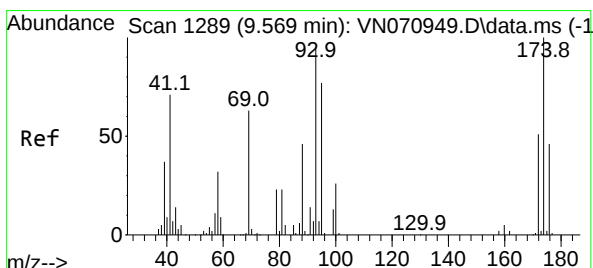
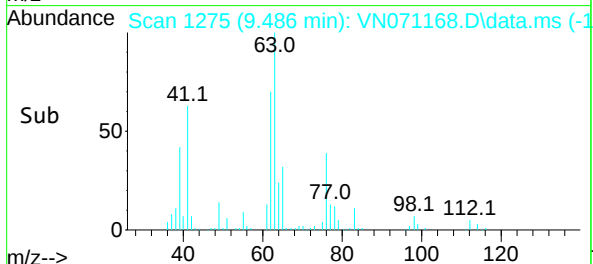
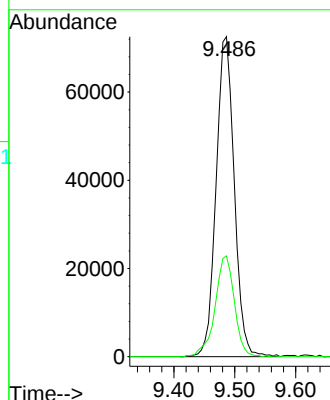
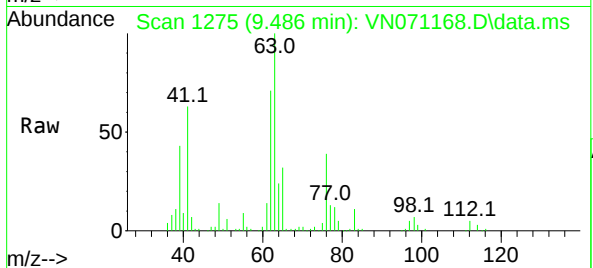
65 31.5 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#46

Dibromomethane

Concen: 19.374 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.000 min

Lab File: VN071168.D

Acq: 04 Mar 2022 14:53

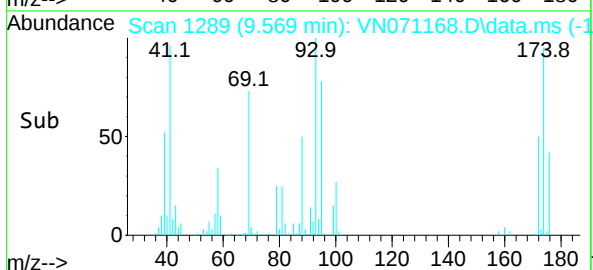
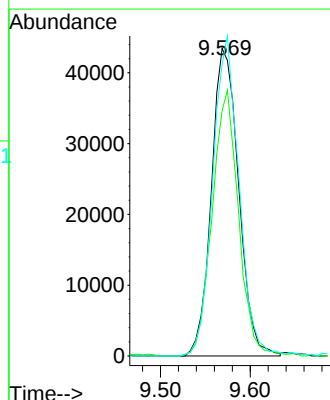
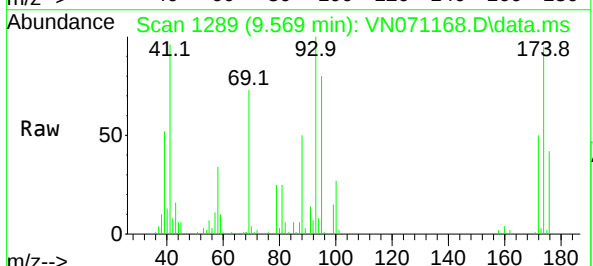
Tgt Ion: 93 Resp: 91602

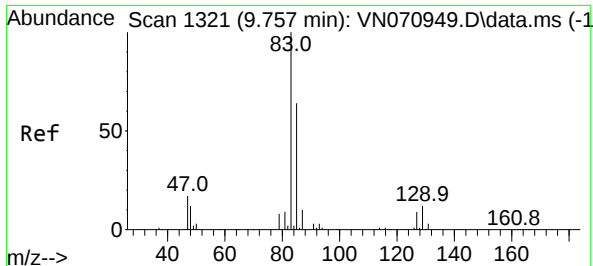
Ion Ratio Lower Upper

93 100

95 83.6 65.9 98.9

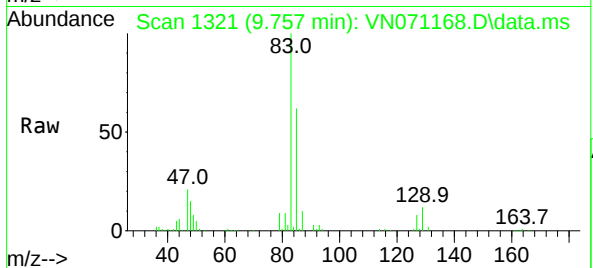
174 99.7 84.6 127.0





#47
Bromodichloromethane
Concen: 19.653 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

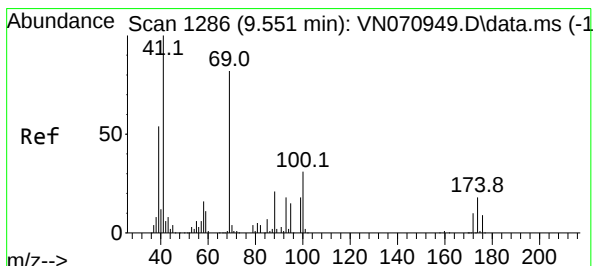
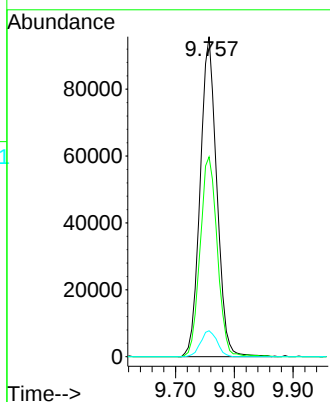
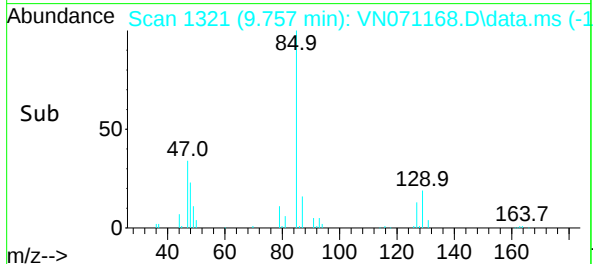
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01



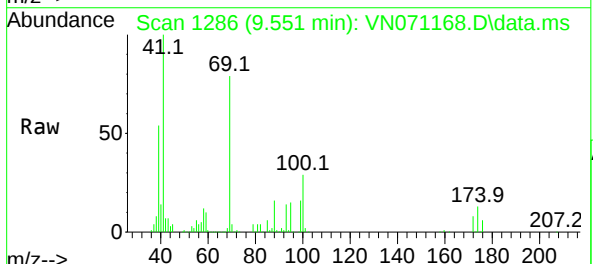
Tgt Ion: 83 Resp: 18779
Ion Ratio Lower Upper
83 100
85 62.4 50.9 76.3
127 8.1 7.1 10.7

Manual Integrations
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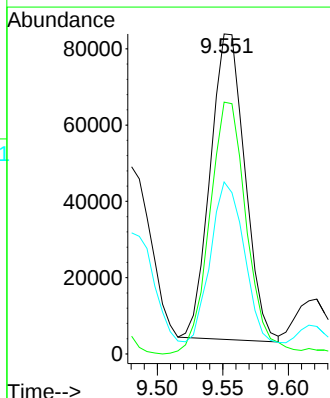
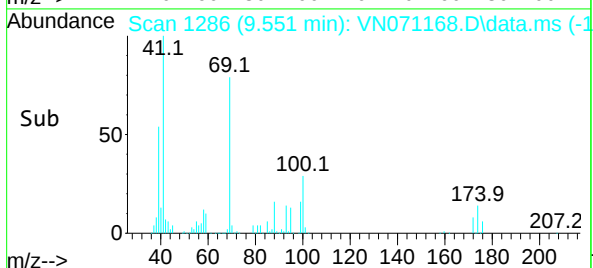
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

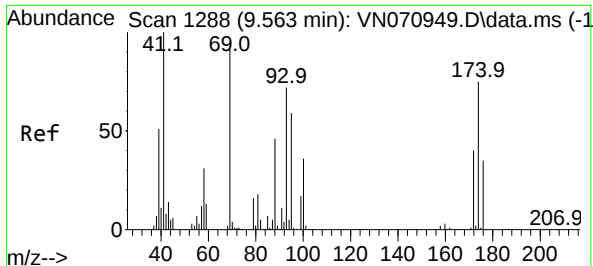


#48
Methyl methacrylate
Concen: 19.400 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53



Tgt Ion: 41 Resp: 147180
Ion Ratio Lower Upper
41 100
69 87.9 72.4 108.6
39 59.0 58.4 87.6





#49

1,4-Dioxane

Concen: 371.619 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. -0.000 min

Lab File: VN071168.D

Acq: 04 Mar 2022 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0304WBSD01

Tgt Ion: 88 Resp: 50070

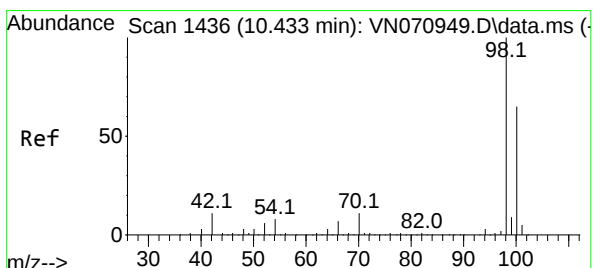
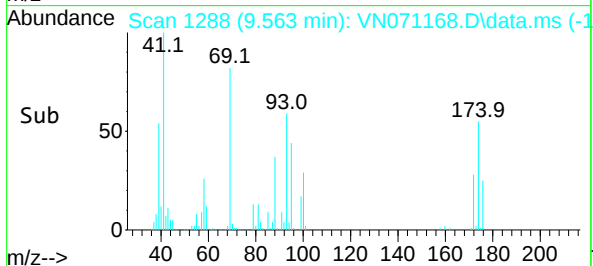
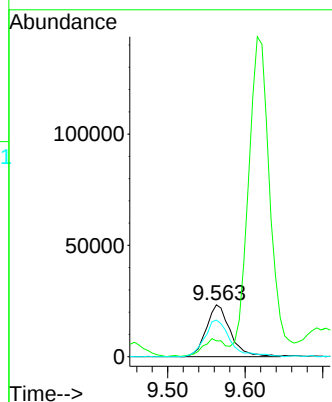
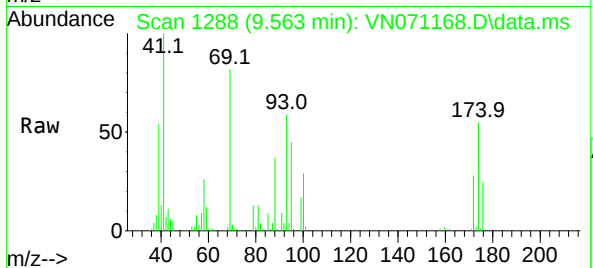
Ion	Ratio	Lower	Upper
88	100		
43	32.1	23.4	35.2
58	75.3	50.6	75.8

Manual Integrations

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Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#50

Toluene-d8

Concen: 49.174 ug/l

RT: 10.433 min Scan# 1436

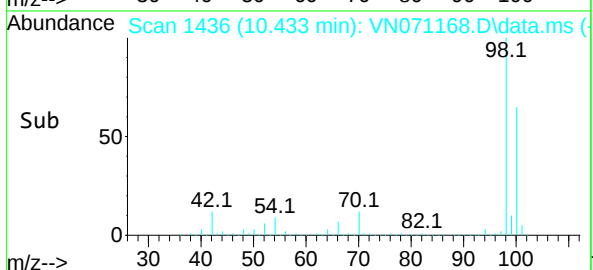
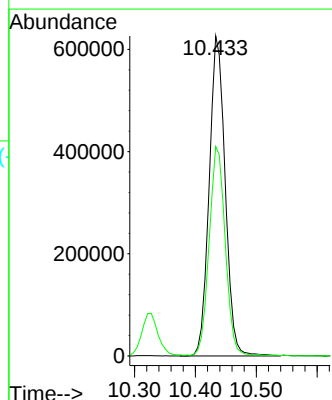
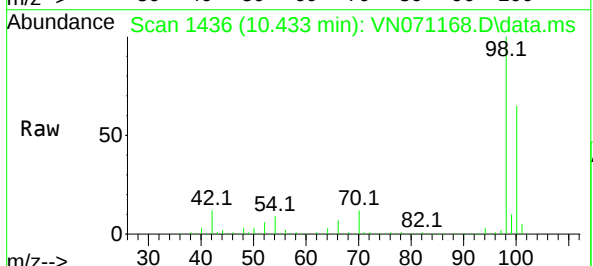
Delta R.T. -0.000 min

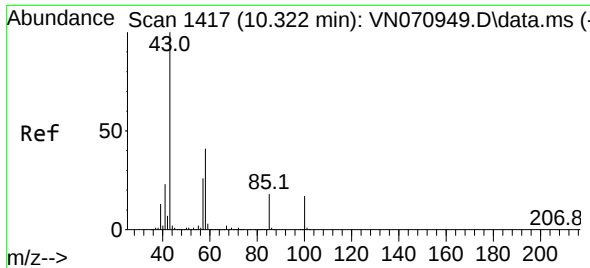
Lab File: VN071168.D

Acq: 04 Mar 2022 14:53

Tgt Ion: 98 Resp: 1142902

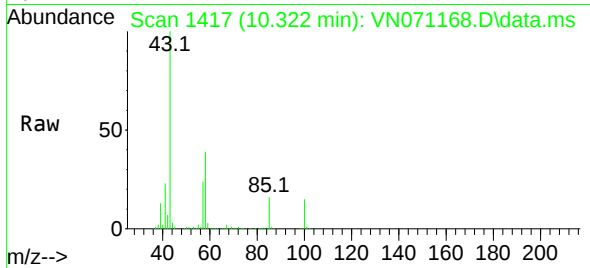
Ion	Ratio	Lower	Upper
98	100		
100	66.1	50.4	75.6





#51
4-Methyl-2-Pentanone
Concen: 110.170 ug/l
RT: 10.322 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

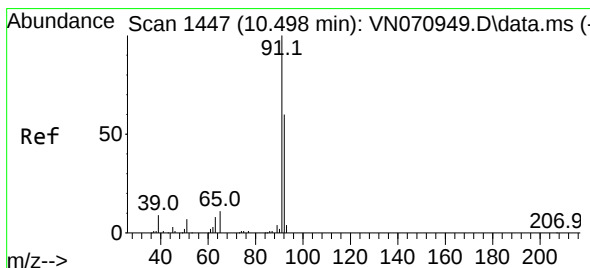
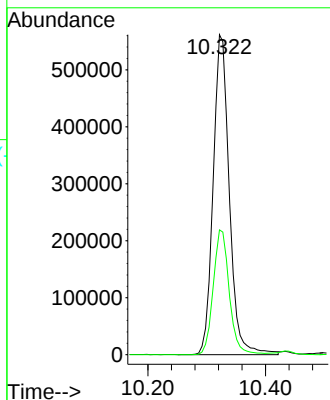
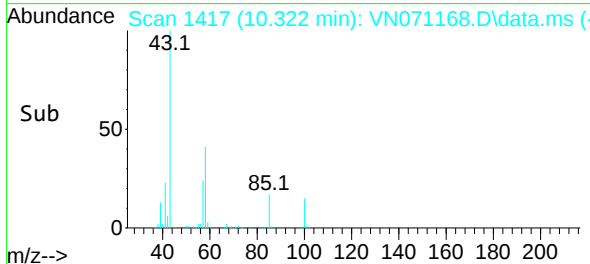
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01



Tgt Ion: 43 Resp: 1074392
Ion Ratio Lower Upper
43 100
58 38.7 30.4 45.6

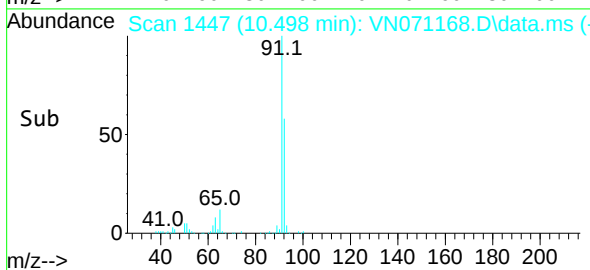
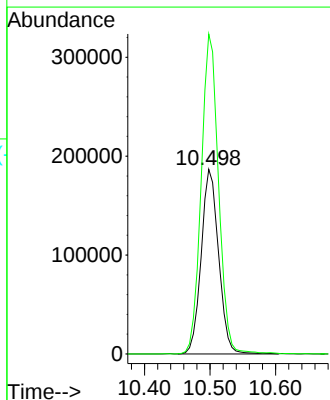
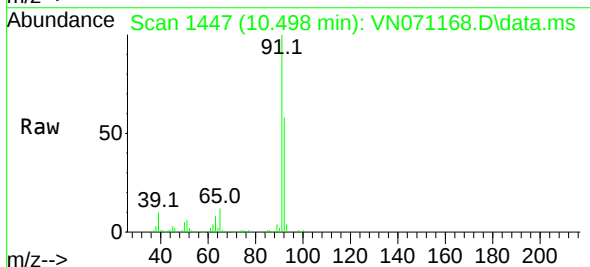
Manual Integrations
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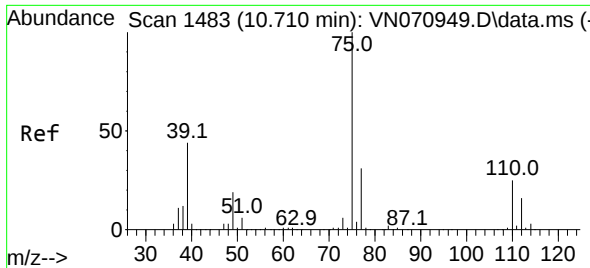
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#52
Toluene
Concen: 19.578 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

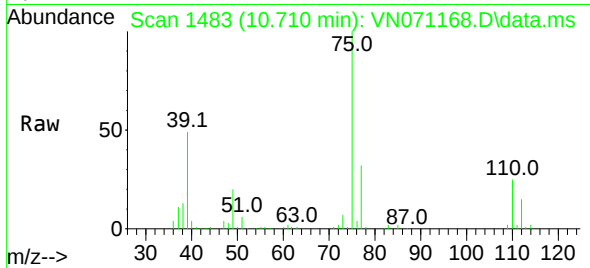
Tgt Ion: 92 Resp: 345041
Ion Ratio Lower Upper
92 100
91 173.0 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 19.148 ug/l
RT: 10.710 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

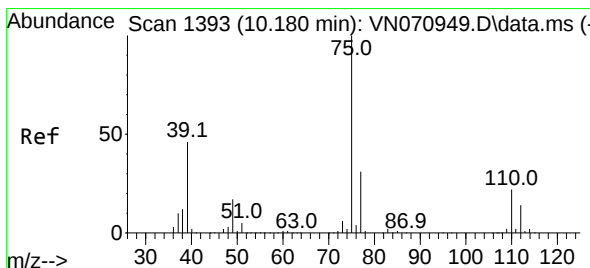
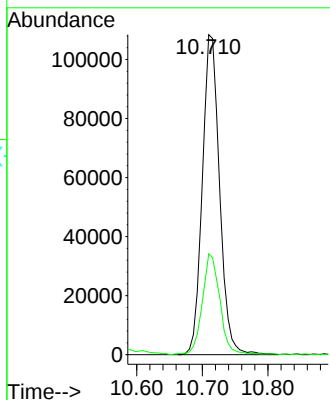
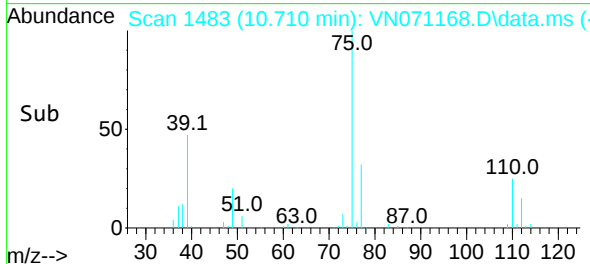
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01



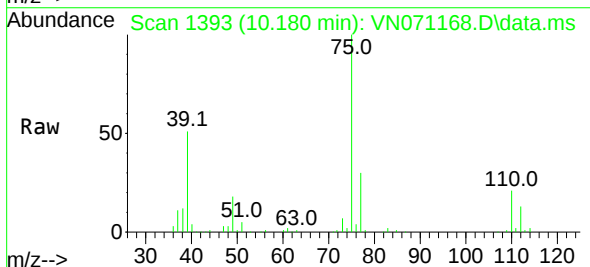
Tgt Ion: 75 Resp: 198952
Ion Ratio Lower Upper
75 100
77 31.3 25.6 38.4

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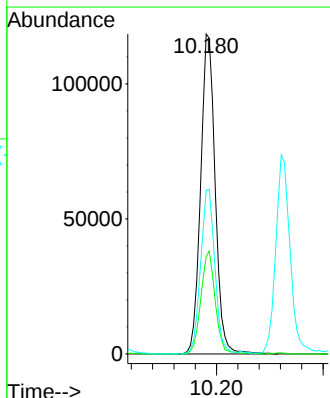
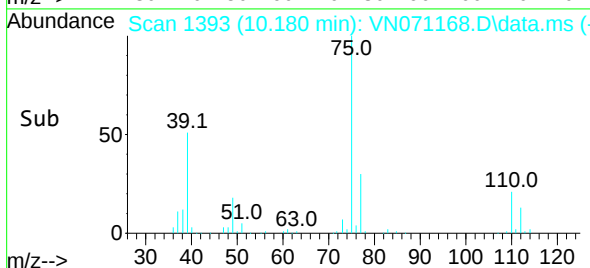
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

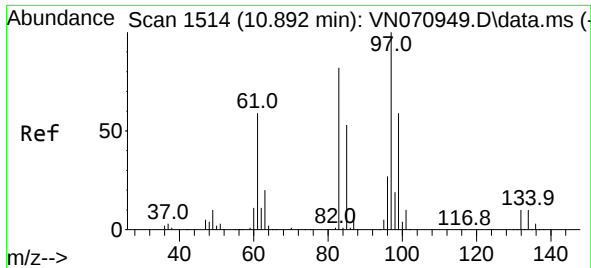


#54
cis-1,3-Dichloropropene
Concen: 19.715 ug/l
RT: 10.180 min Scan# 1393
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53



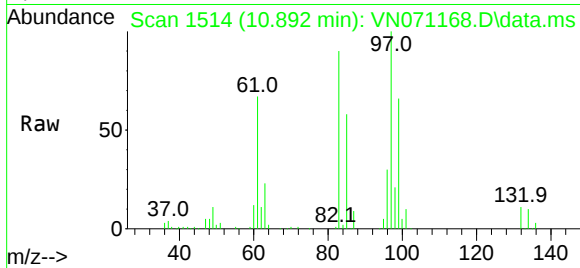
Tgt Ion: 75 Resp: 224958
Ion Ratio Lower Upper
75 100
77 30.4 26.4 39.6
39 51.2 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 19.595 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01

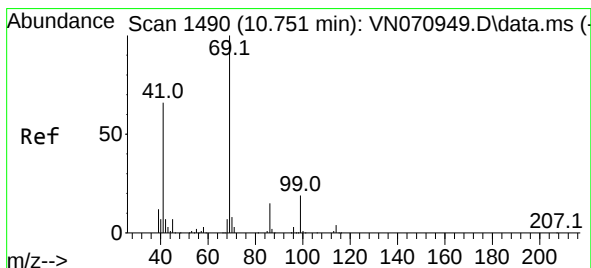
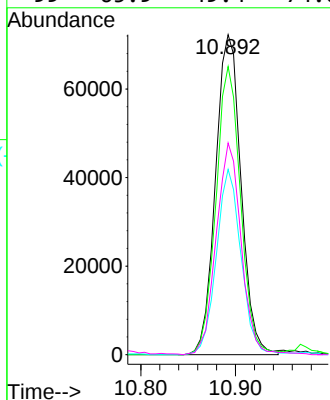
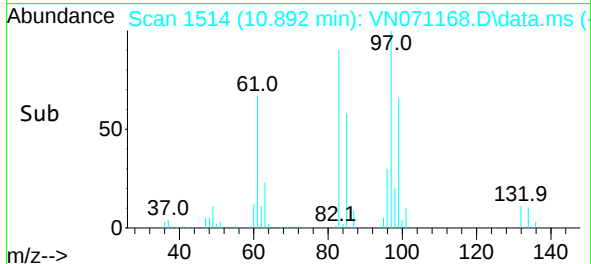


Tgt Ion: 97 Resp: 13517

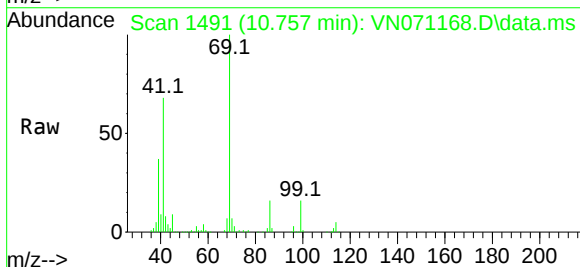
Ion	Ratio	Lower	Upper
97	100		
83	90.0	67.8	101.6
85	57.9	45.4	68.2
99	65.9	49.4	74.0

Manual Integrations
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Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

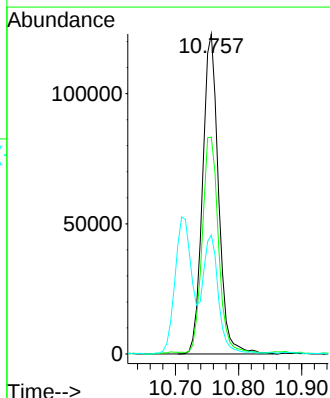
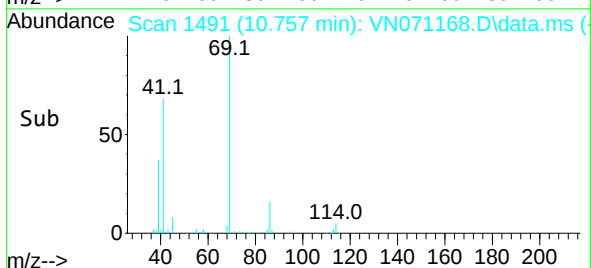


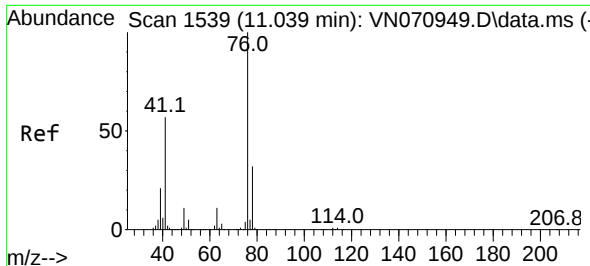
#56
Ethyl methacrylate
Concen: 20.756 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53



Tgt Ion: 69 Resp: 215742

Ion	Ratio	Lower	Upper
69	100		
41	68.2	51.4	77.0
39	36.1	34.6	52.0





#57

1,3-Dichloropropane

Concen: 20.402 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. -0.000 min

Lab File: VN071168.D

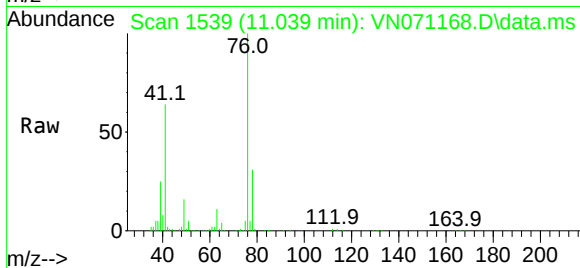
Acq: 04 Mar 2022 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0304WBSD01



Tgt Ion: 76 Resp: 243450

Ion Ratio Lower Upper

76 100

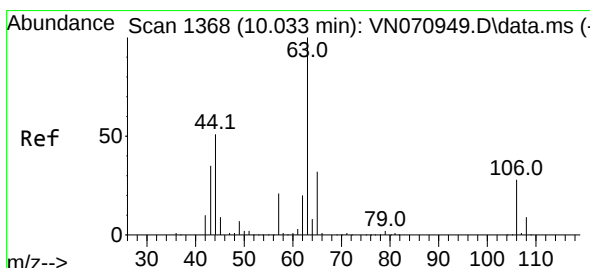
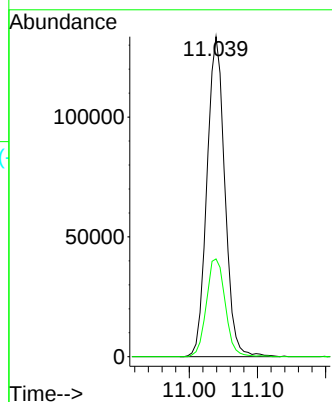
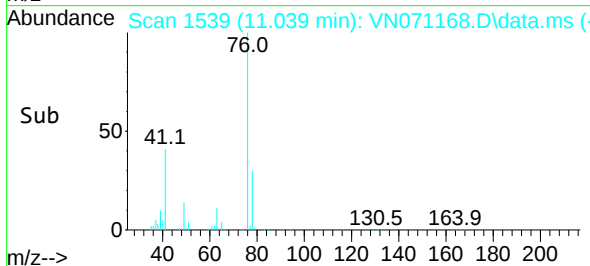
78 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#58

2-Chloroethyl Vinyl ether

Concen: 80.163 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. 0.000 min

Lab File: VN071168.D

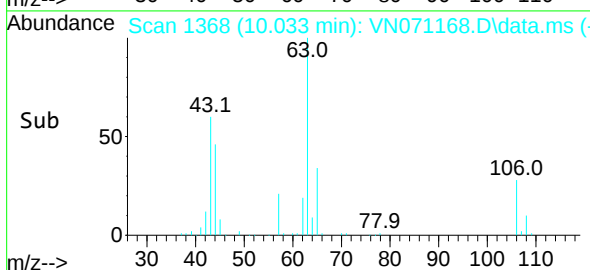
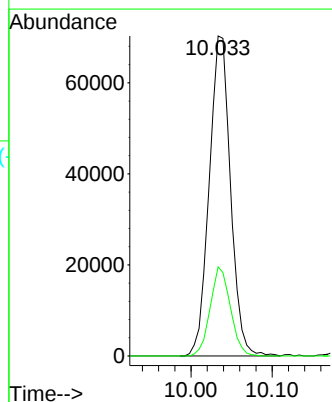
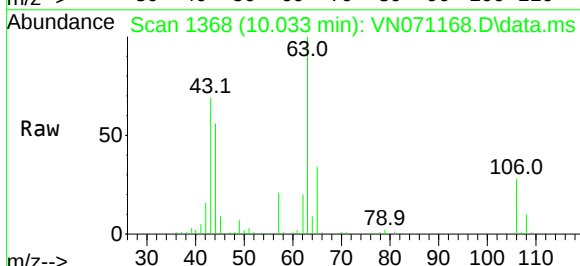
Acq: 04 Mar 2022 14:53

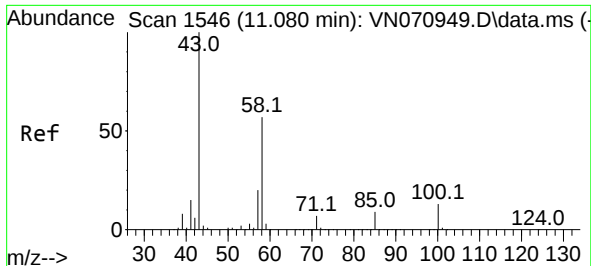
Tgt Ion: 63 Resp: 128111

Ion Ratio Lower Upper

63 100

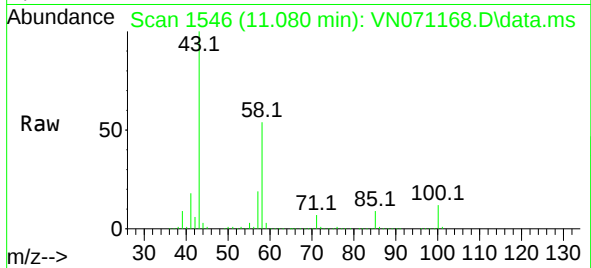
106 26.4 23.9 35.9





#59
2-Hexanone
Concen: 110.108 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

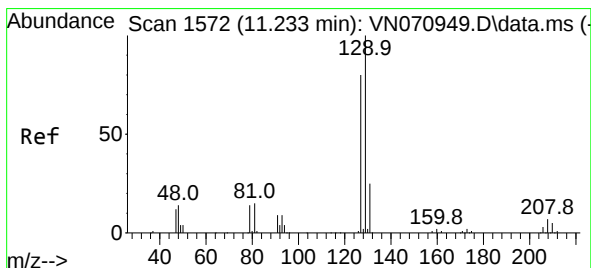
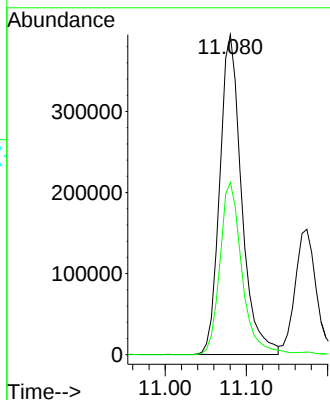
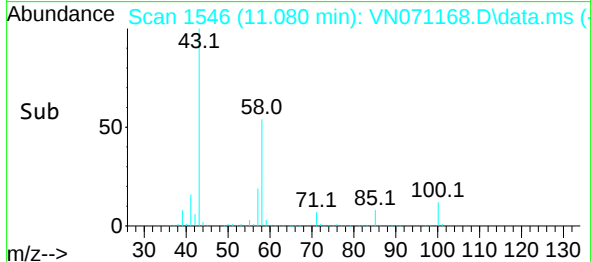
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01



Tgt Ion: 43 Resp: 738500
Ion Ratio Lower Upper
43 100
58 54.3 26.9 80.7

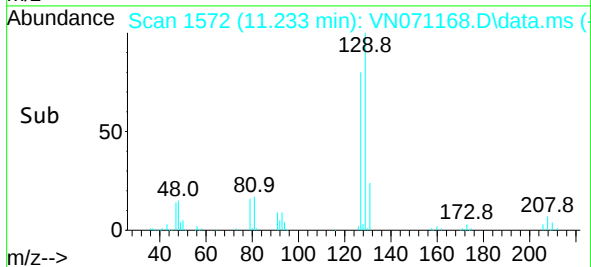
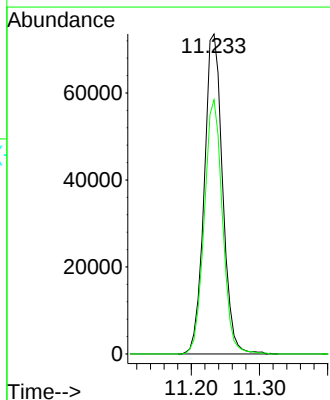
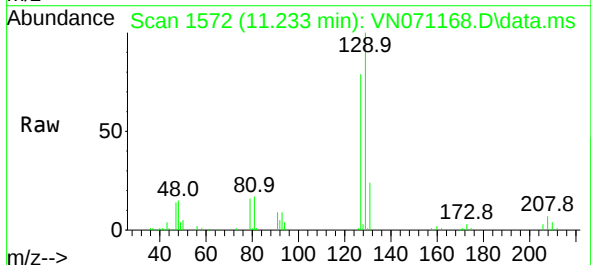
Manual Integrations
APPROVED

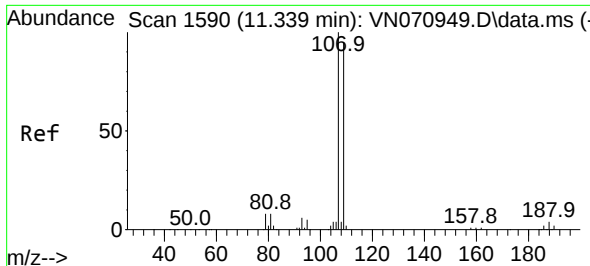
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#60
Dibromochloromethane
Concen: 18.863 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

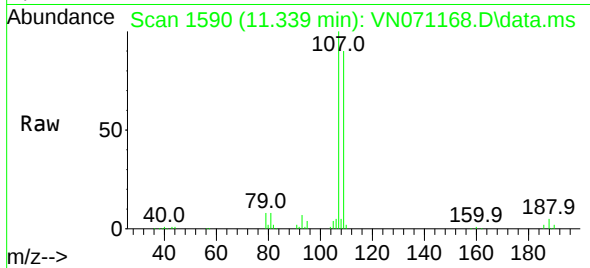
Tgt Ion:129 Resp: 137518
Ion Ratio Lower Upper
129 100
127 78.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.065 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

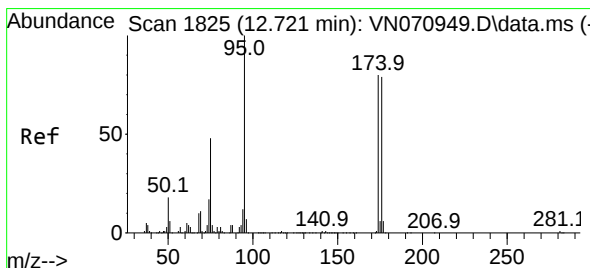
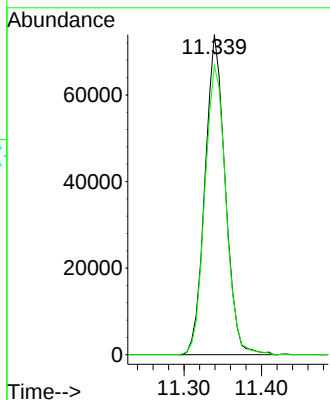
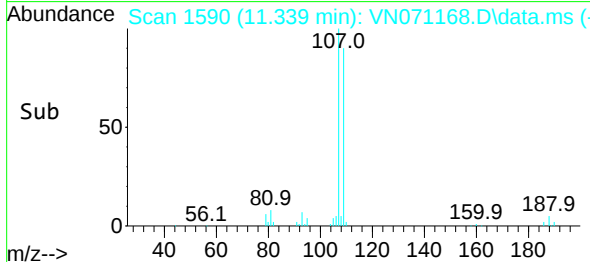
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01



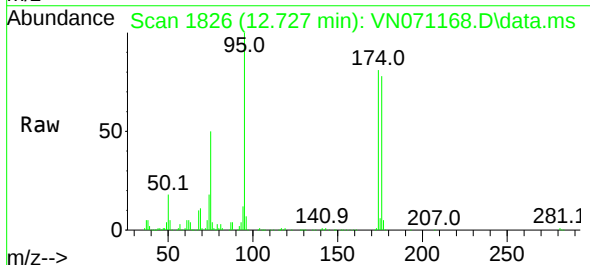
Tgt Ion:107 Resp: 13377
Ion Ratio Lower Upper
107 100
109 94.7 75.7 113.5

Manual Integrations
APPROVED

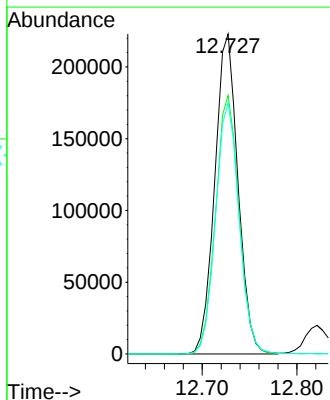
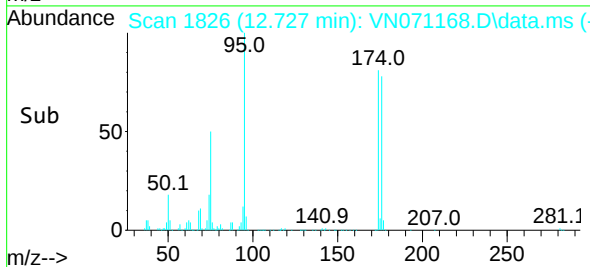
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

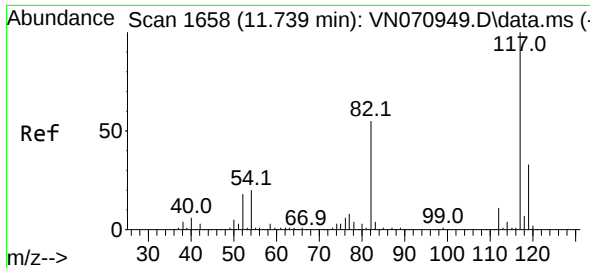


#62
4-Bromofluorobenzene
Concen: 45.704 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53



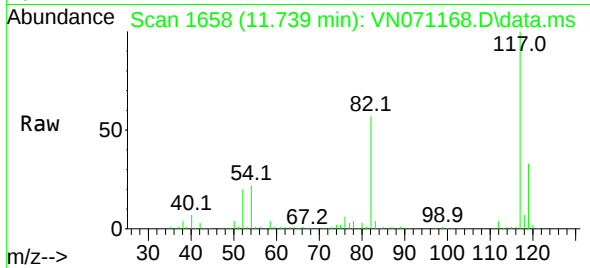
Tgt Ion: 95 Resp: 379696
Ion Ratio Lower Upper
95 100
174 82.0 0.0 187.2
176 79.4 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

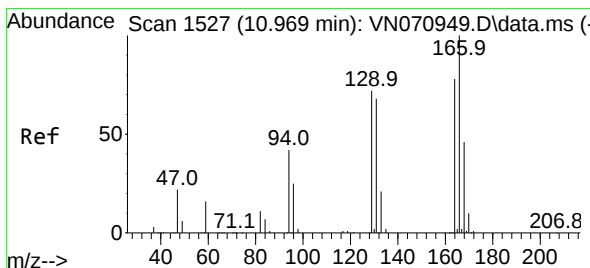
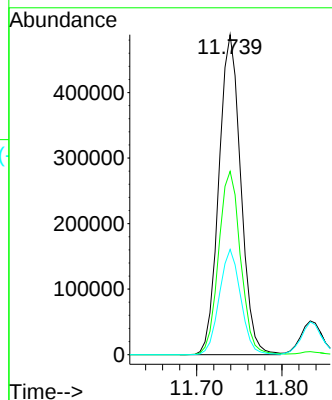
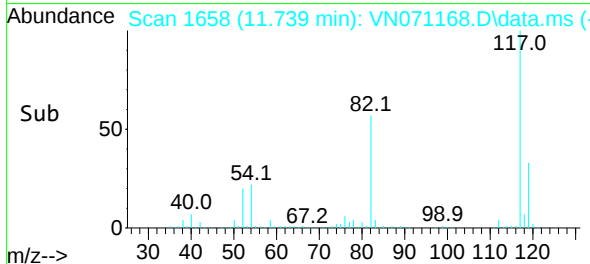
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01



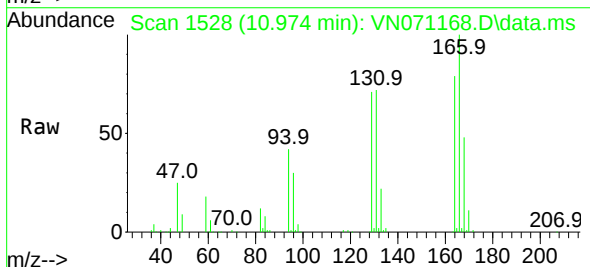
Tgt Ion:117 Resp: 872392
Ion Ratio Lower Upper
117 100
82 57.3 42.4 63.6
119 32.9 25.4 38.2

Manual Integrations
APPROVED

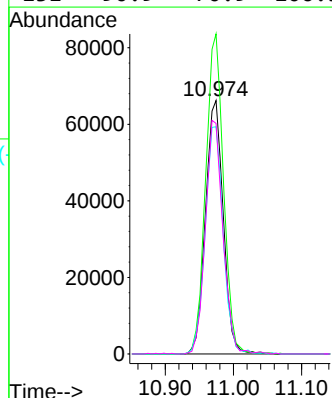
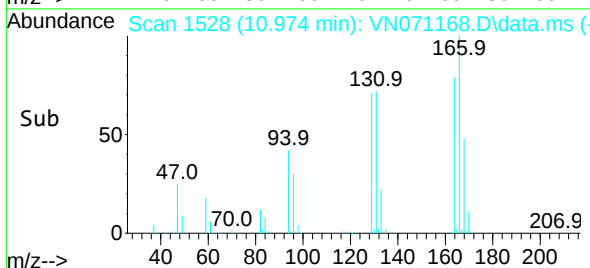
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

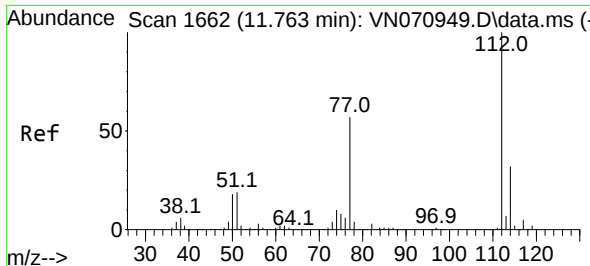


#64
Tetrachloroethene
Concen: 17.676 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.006 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53



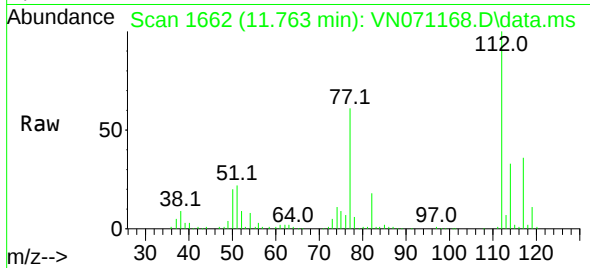
Tgt Ion:164 Resp: 120096
Ion Ratio Lower Upper
164 100
166 126.2 101.9 152.9
129 89.6 72.0 108.0
131 90.9 70.9 106.3





#65
Chlorobenzene
Concen: 18.883 ug/l
RT: 11.763 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

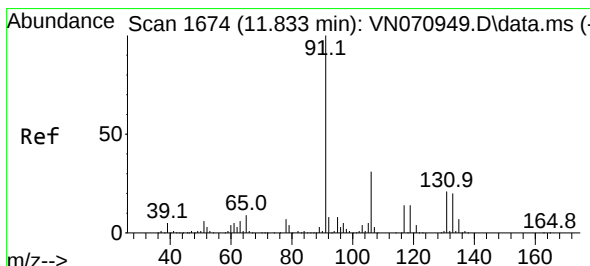
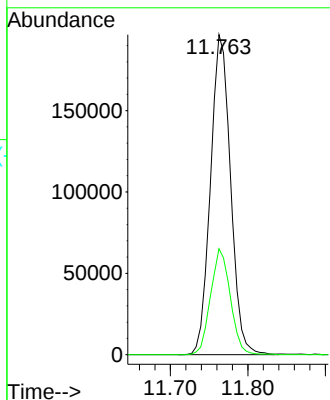
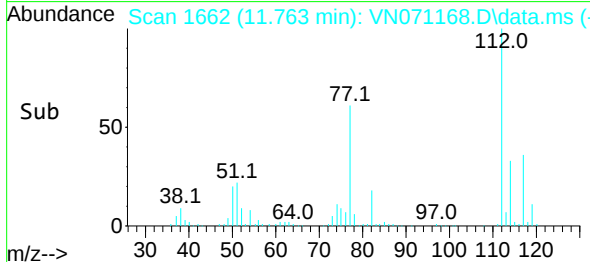
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01



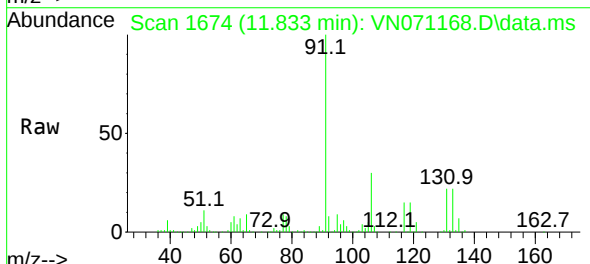
Tgt Ion:112 Resp: 354970
Ion Ratio Lower Upper
112 100
114 33.1 25.4 38.0

Manual Integrations
APPROVED

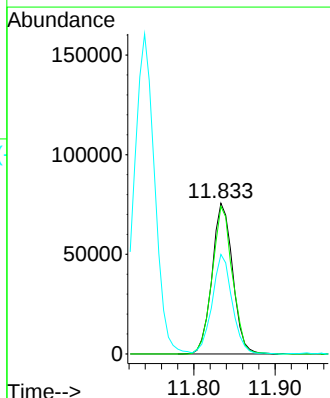
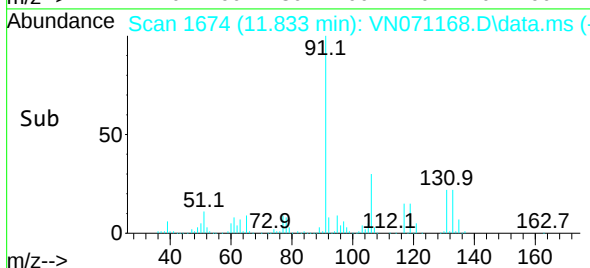
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

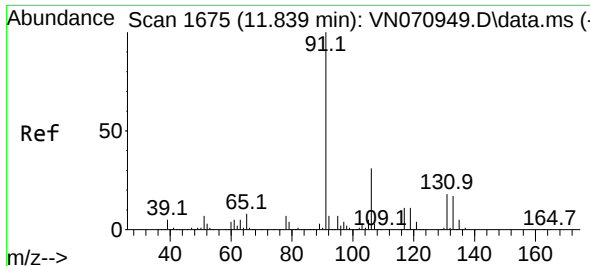


#66
1,1,1,2-Tetrachloroethane
Concen: 19.435 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53



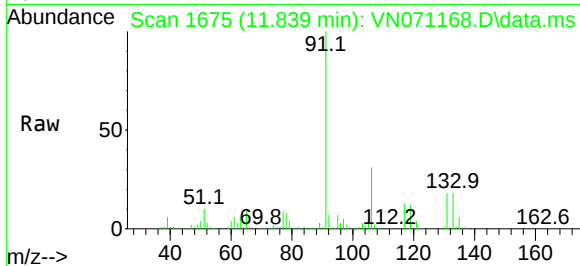
Tgt Ion:131 Resp: 133176
Ion Ratio Lower Upper
131 100
133 96.4 47.9 143.7
119 64.3 32.1 96.5





#67
Ethyl Benzene
Concen: 19.719 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

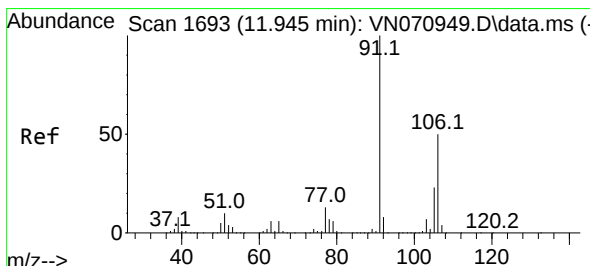
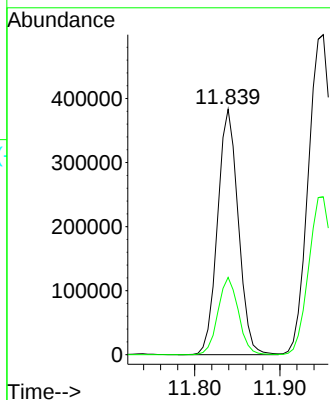
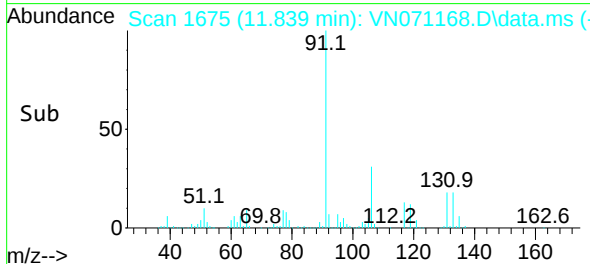
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01



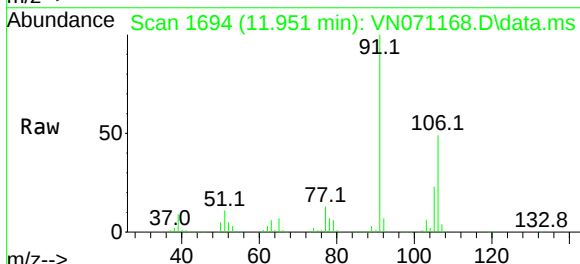
Tgt Ion: 91 Resp: 648798
Ion Ratio Lower Upper
91 100
106 31.5 25.7 38.5

Manual Integrations
APPROVED

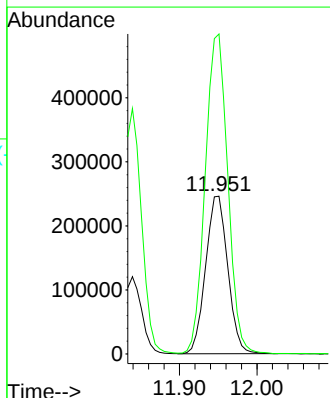
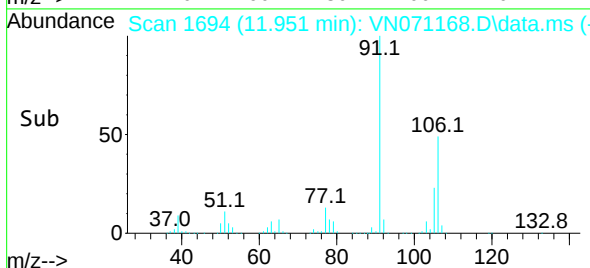
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

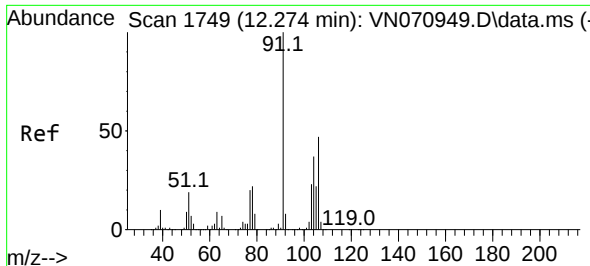


#68
m/p-Xylenes
Concen: 38.506 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53



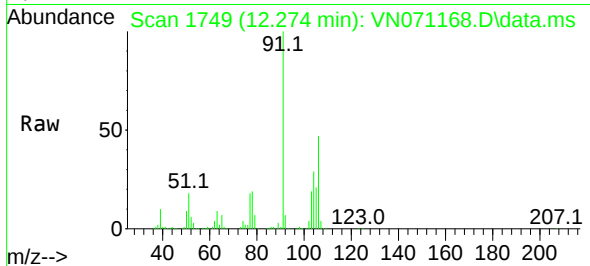
Tgt Ion:106 Resp: 489379
Ion Ratio Lower Upper
106 100
91 205.9 160.6 240.8





#69
o-Xylene
Concen: 19.420 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

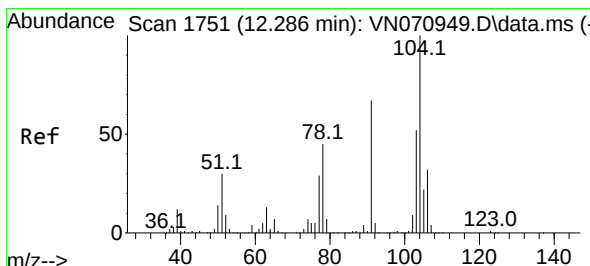
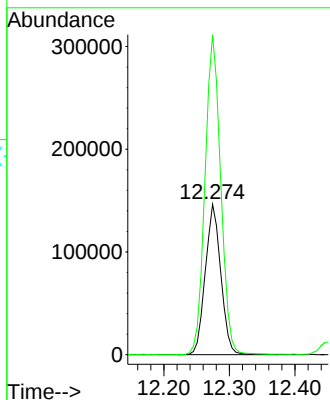
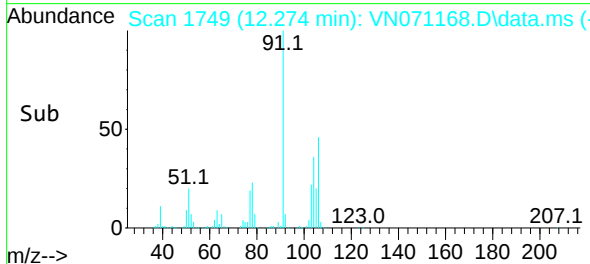
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01



Tgt Ion:106 Resp: 24110
Ion Ratio Lower Upper
106 100
91 215.9 105.8 317.3

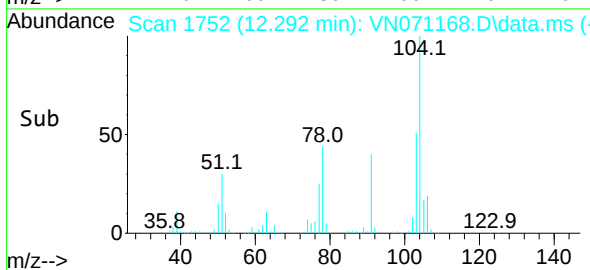
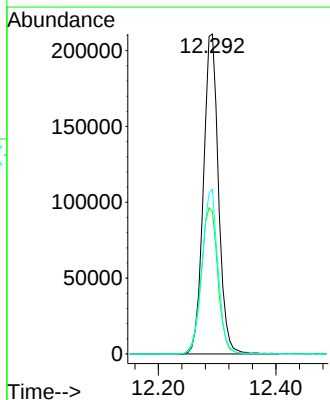
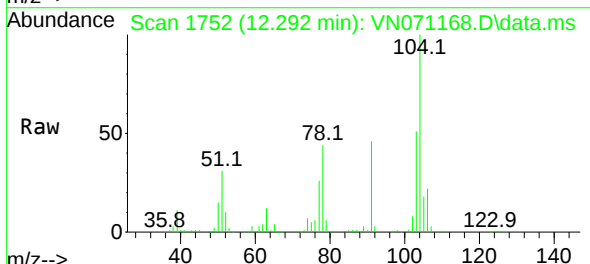
Manual Integrations
APPROVED

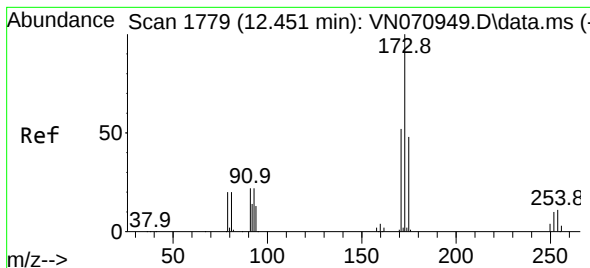
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#70
Styrene
Concen: 19.080 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

Tgt Ion:104 Resp: 376658
Ion Ratio Lower Upper
104 100
78 50.7 38.7 58.1
103 54.0 45.0 67.6





#71

Bromoform

Concen: 17.842 ug/l

RT: 12.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN071168.D

Acq: 04 Mar 2022 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0304WBSD01

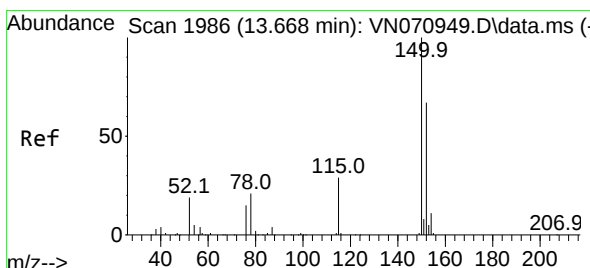
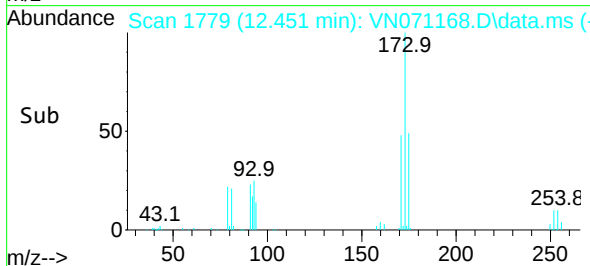
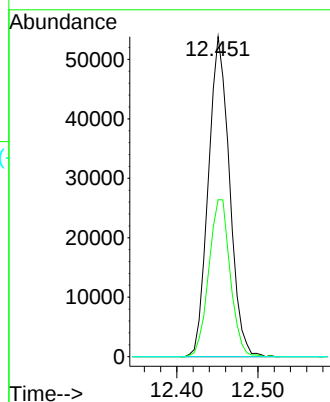
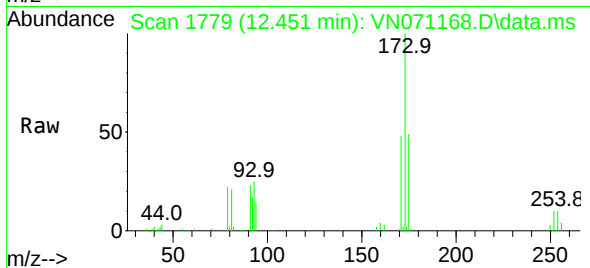
Tgt Ion:	173	Resp:	97374
Ion Ratio	Lower	Upper	
173	100		
175	49.8	24.2	72.6
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

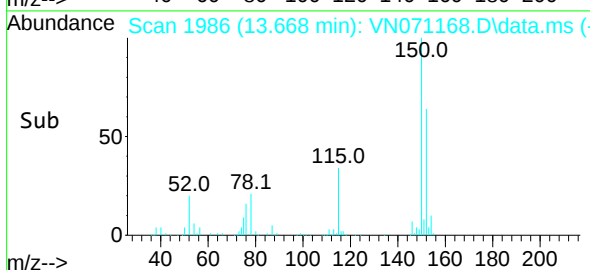
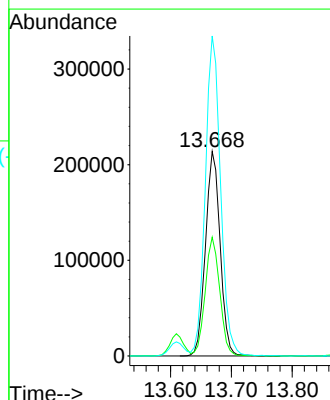
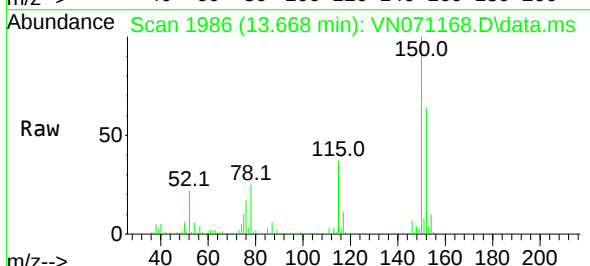
RT: 13.668 min Scan# 1986

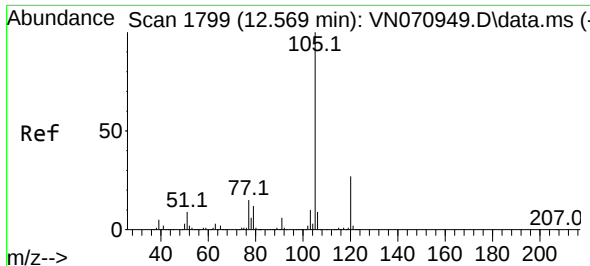
Delta R.T. -0.000 min

Lab File: VN071168.D

Acq: 04 Mar 2022 14:53

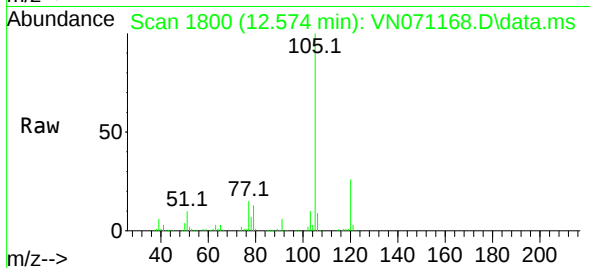
Tgt Ion:	152	Resp:	356787
Ion Ratio	Lower	Upper	
152	100		
115	58.0	27.5	82.5
150	162.2	0.0	344.4





#73
Isopropylbenzene
Concen: 21.766 ug/l
RT: 12.574 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

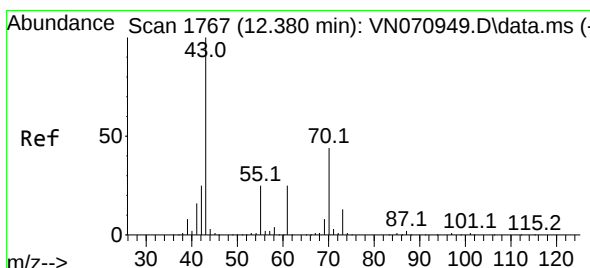
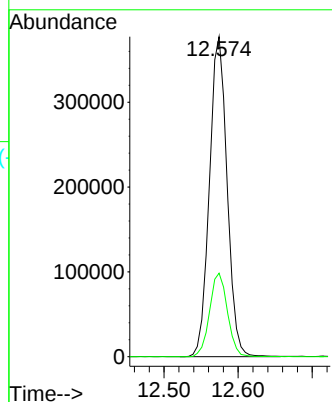
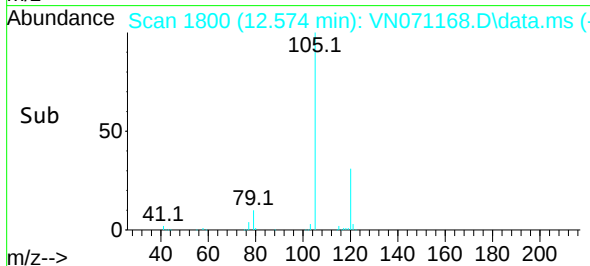
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01



Tgt Ion:105 Resp: 625093
Ion Ratio Lower Upper
105 100
120 26.4 13.4 40.1

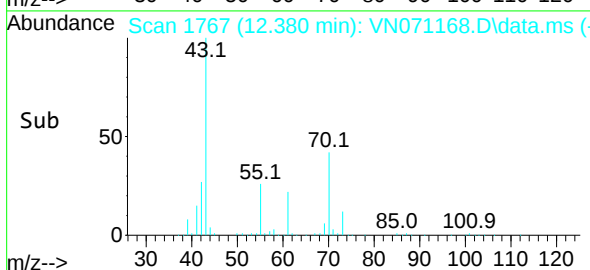
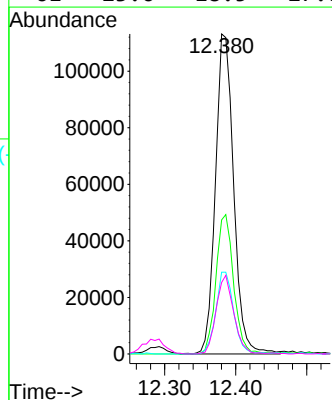
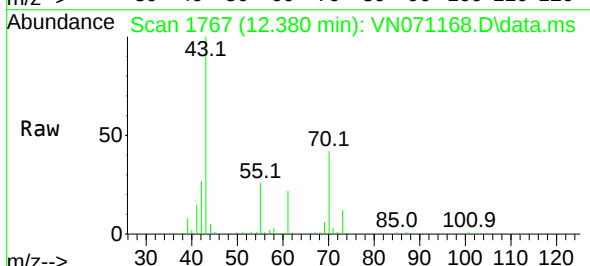
Manual Integrations
APPROVED

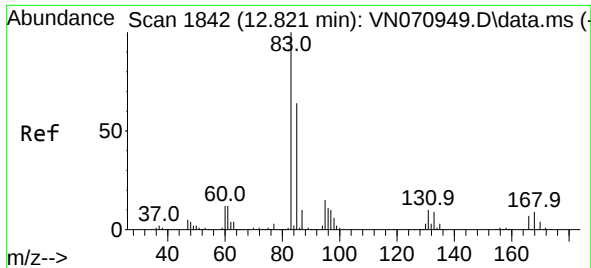
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#74
N-ethyl acetate
Concen: 21.903 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

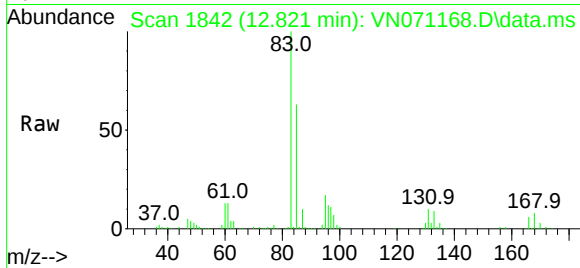
Tgt Ion: 43 Resp: 201069
Ion Ratio Lower Upper
43 100
70 42.0 33.4 50.0
55 25.1 19.3 28.9
61 23.6 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 22.257 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

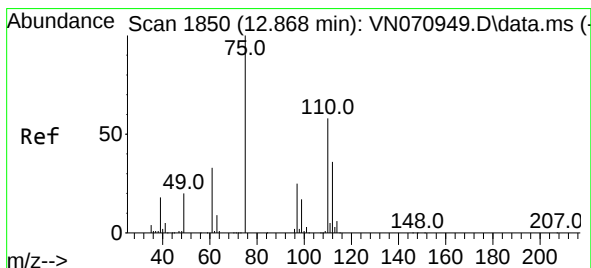
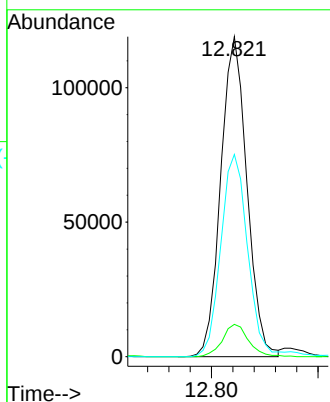
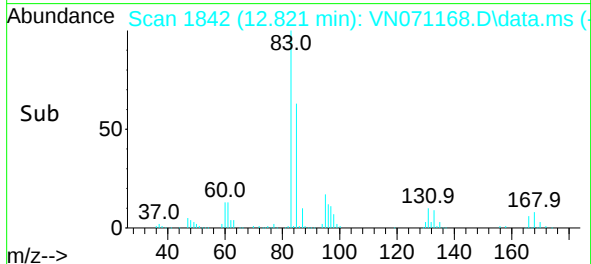
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01



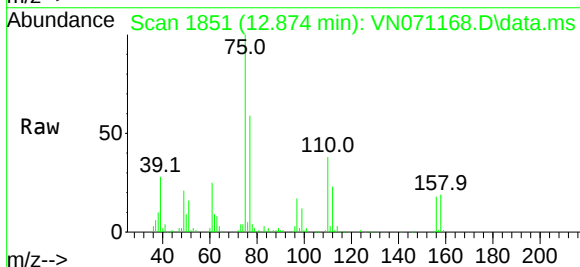
Tgt Ion: 83 Resp: 20311
Ion Ratio Lower Upper
83 100
131 10.2 5.5 16.5
85 65.7 32.4 97.2

Manual Integrations
APPROVED

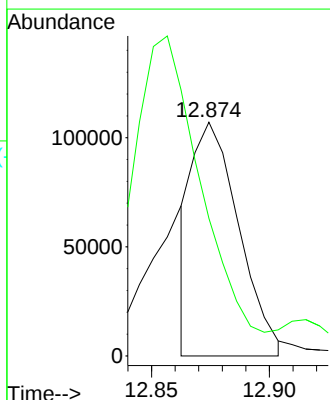
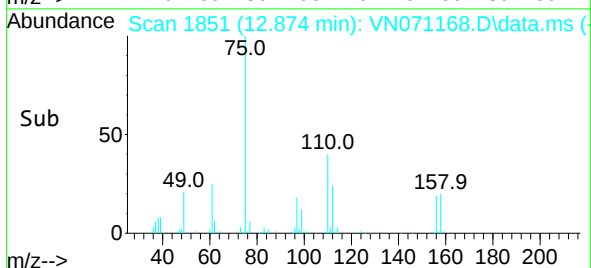
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

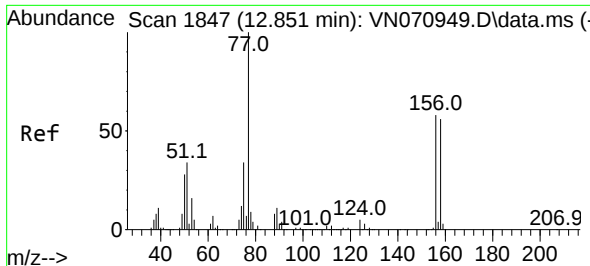


#76
1,2,3-Trichloropropane
Concen: 17.573 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53



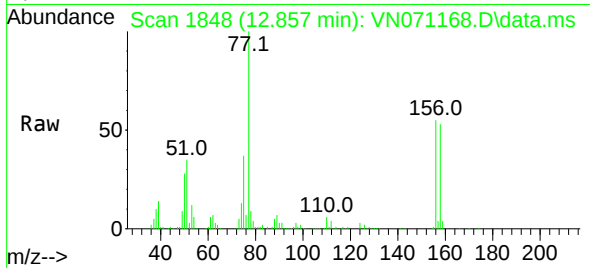
Tgt Ion: 75 Resp: 147622
Ion Ratio Lower Upper
75 100
77 206.0 82.6 247.8





#77
Bromobenzene
Concen: 20.116 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

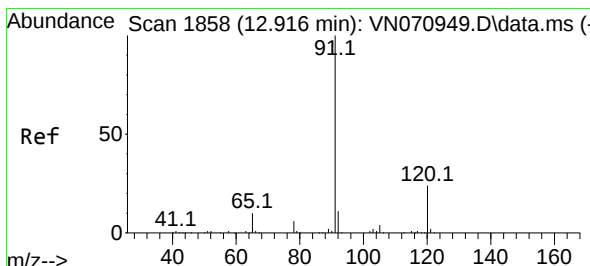
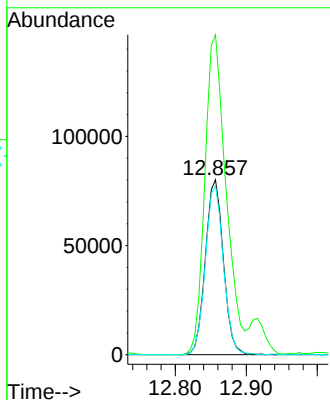
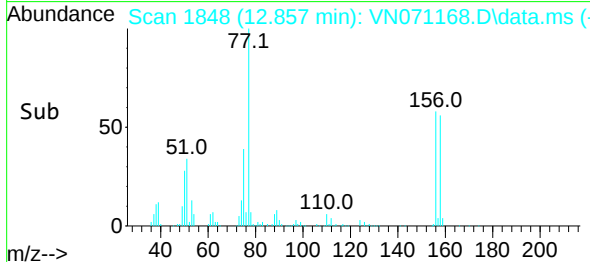
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01



Tgt Ion:156 Resp: 141424
Ion Ratio Lower Upper
156 100
77 215.1 90.6 271.8
158 97.1 48.9 146.7

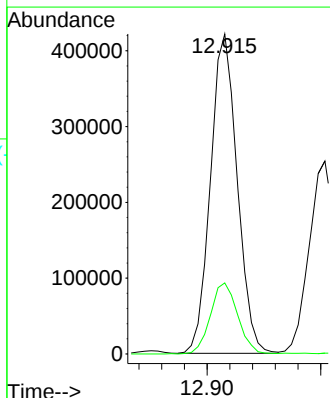
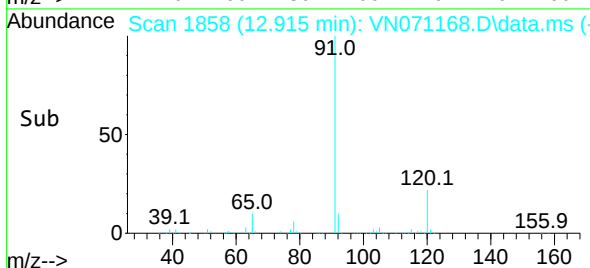
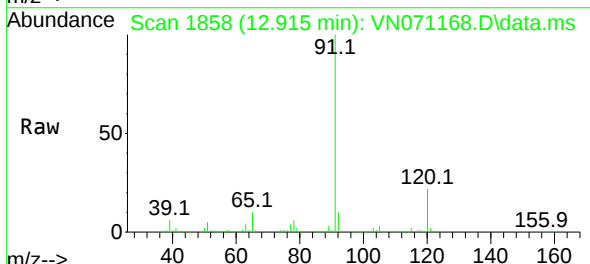
Manual Integrations
APPROVED

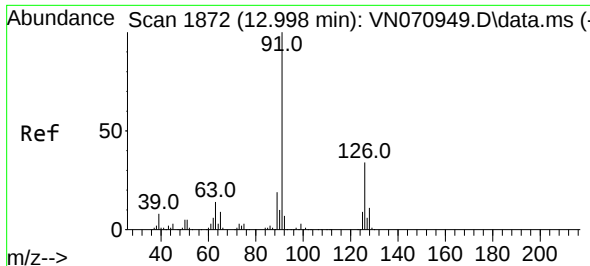
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#78
n-propylbenzene
Concen: 21.353 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

Tgt Ion: 91 Resp: 688999
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.9





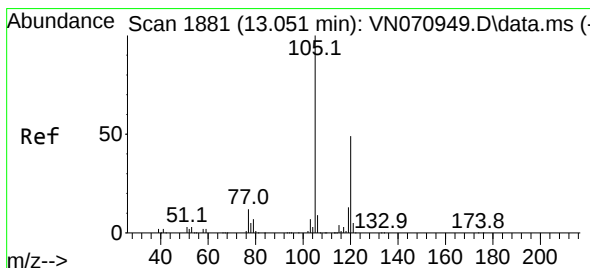
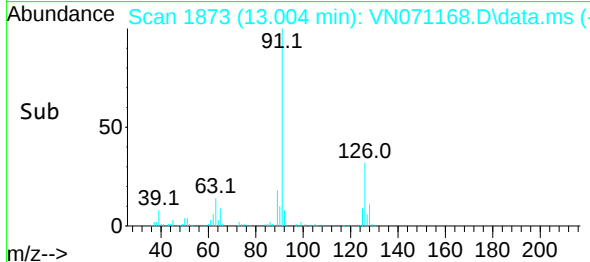
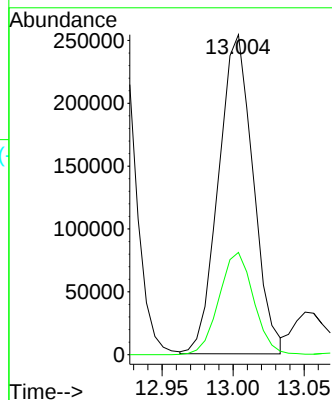
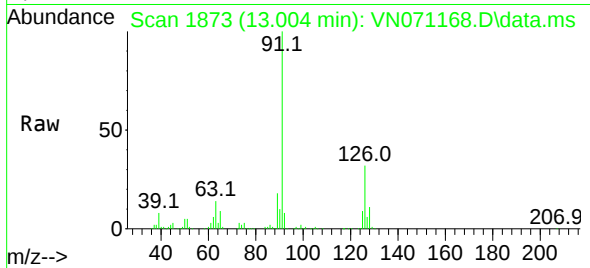
#79
2-Chlorotoluene
Concen: 21.994 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.006 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01

Tgt Ion: 91 Resp: 43096
Ion Ratio Lower Upper
91 100
126 32.1 18.3 54.8

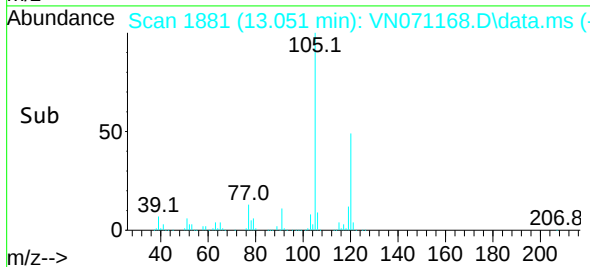
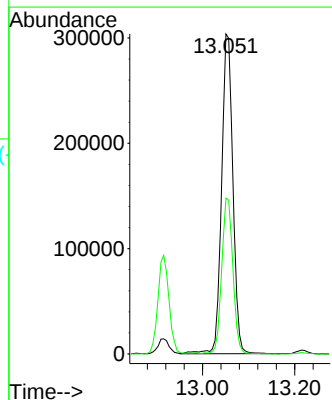
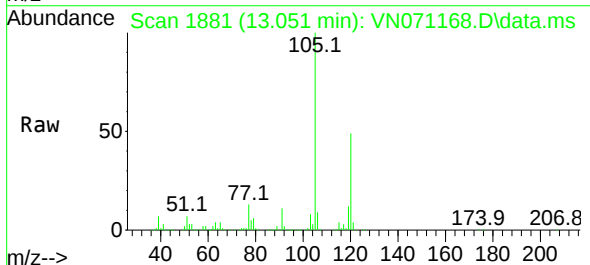
Manual Integrations
APPROVED

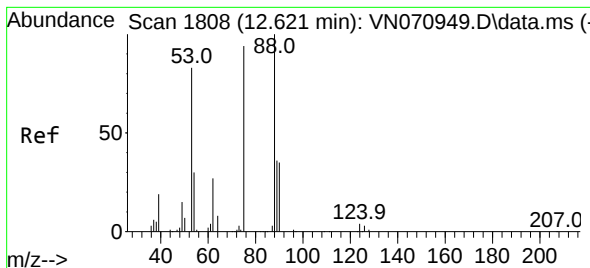
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#80
1,3,5-Trimethylbenzene
Concen: 22.143 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

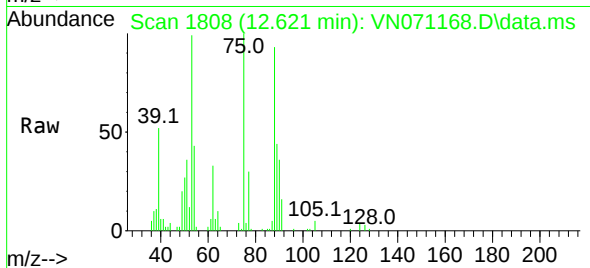
Tgt Ion:105 Resp: 515173
Ion Ratio Lower Upper
105 100
120 48.2 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.247 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

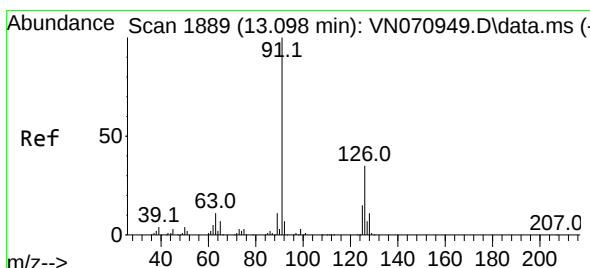
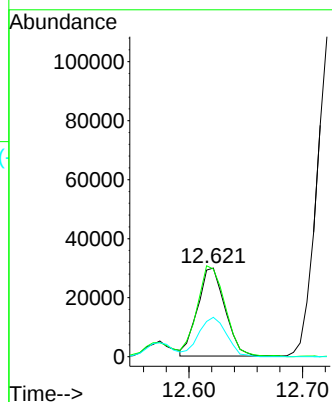
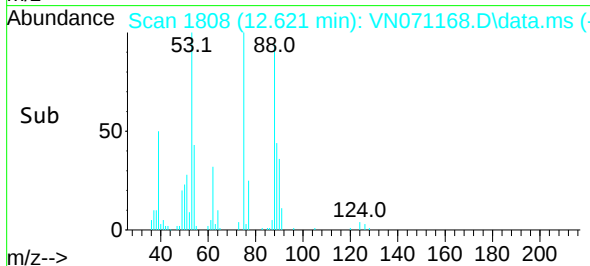
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01



Tgt Ion: 75 Resp: 4989
Ion Ratio Lower Upper
75 100
53 106.5 90.5 135.7
89 45.9 38.2 57.4

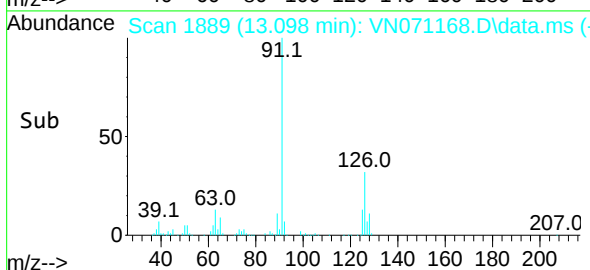
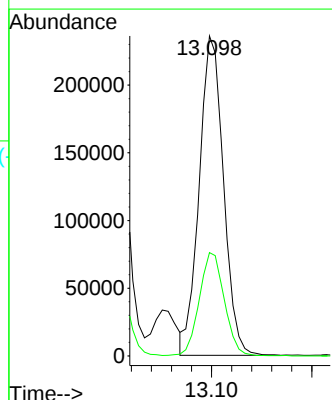
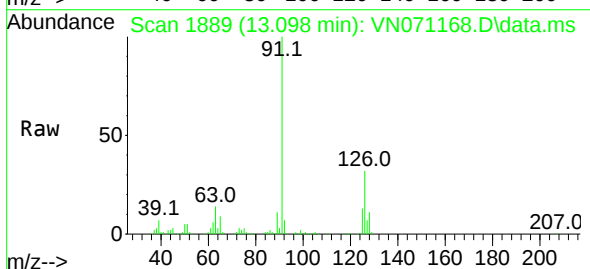
Manual Integrations
APPROVED

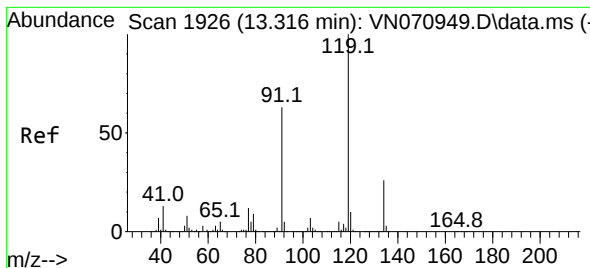
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#82
4-Chlorotoluene
Concen: 20.828 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

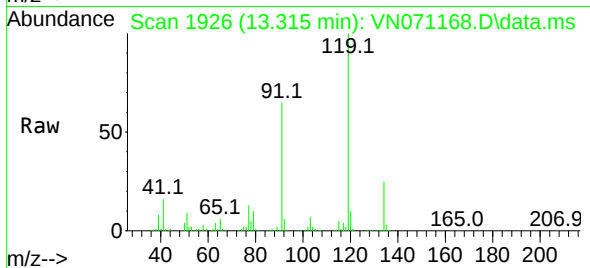
Tgt Ion: 91 Resp: 396162
Ion Ratio Lower Upper
91 100
126 33.6 18.2 54.6





#83
tert-Butylbenzene
Concen: 20.625 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

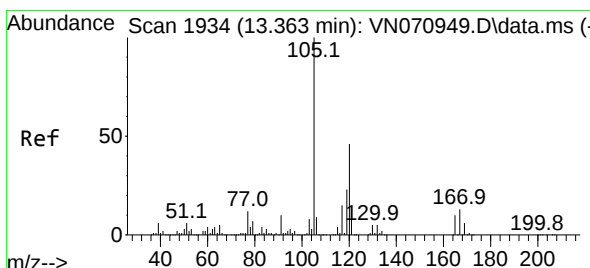
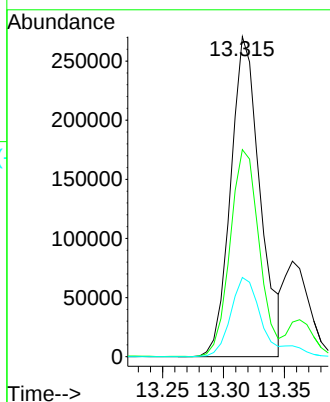
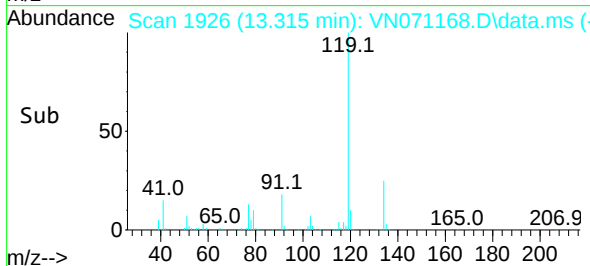
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01



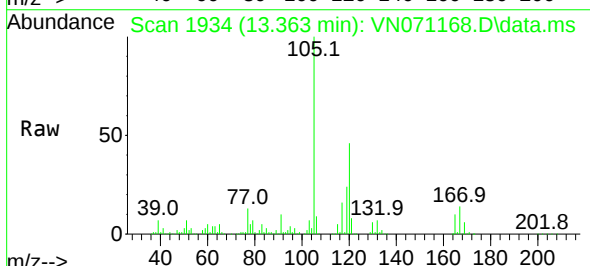
Tgt Ion:119 Resp: 455102
Ion Ratio Lower Upper
119 100
91 64.1 31.5 94.5
134 27.0 12.4 37.4

Manual Integrations
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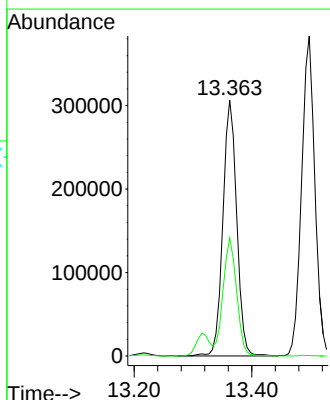
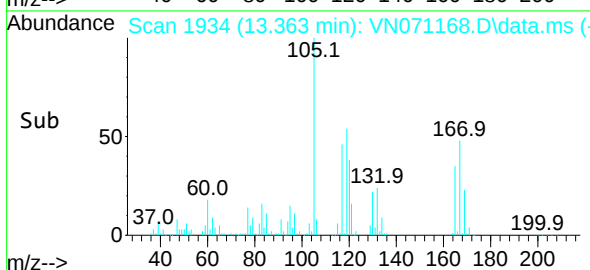
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

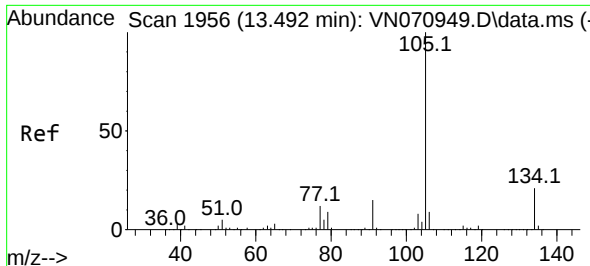


#84
1,2,4-Trimethylbenzene
Concen: 21.881 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53



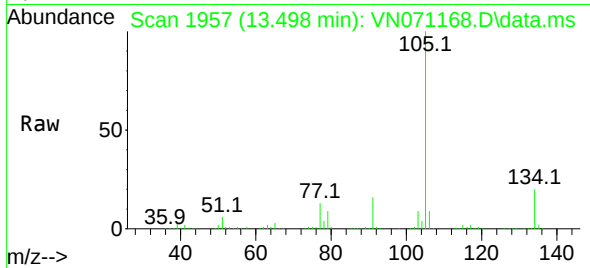
Tgt Ion:105 Resp: 501134
Ion Ratio Lower Upper
105 100
120 45.0 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 20.701 ug/l
 RT: 13.498 min Scan# 1956
 Delta R.T. 0.006 min
 Lab File: VN071168.D
 Acq: 04 Mar 2022 14:53

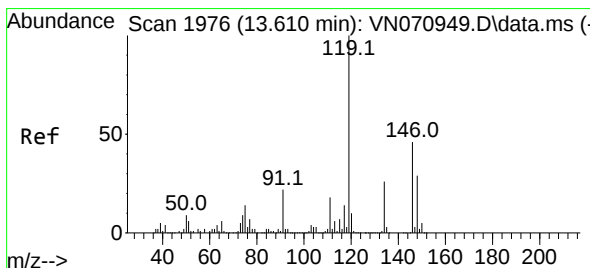
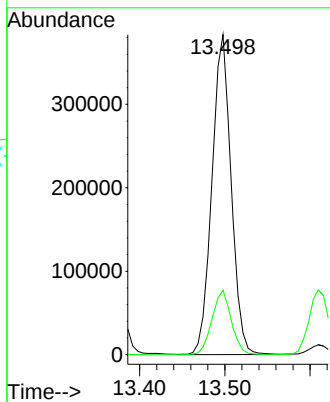
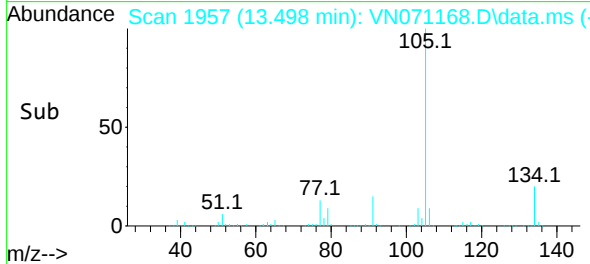
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0304WBSD01



Tgt Ion:105 Resp: 601864
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1

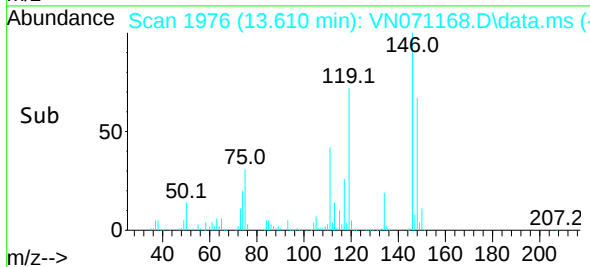
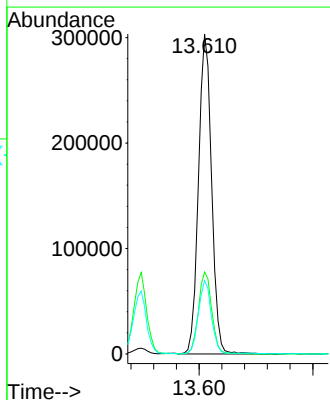
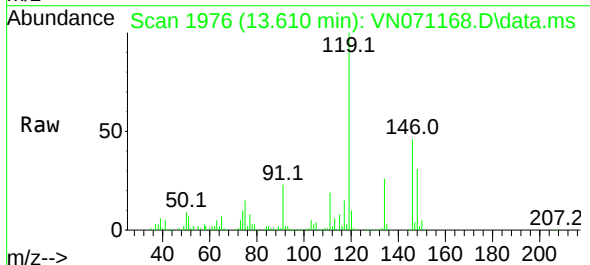
Manual Integrations
 APPROVED

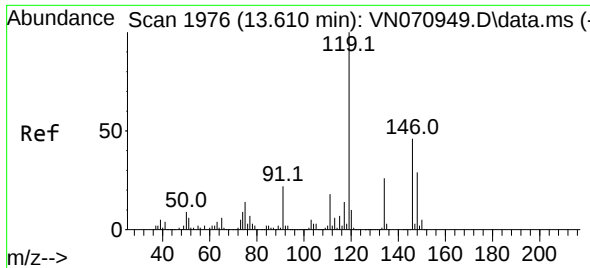
Reviewed By :John Carlone 03/07/2022
 Supervised By :Mahesh Dadoda 03/07/2022



#86
 p-Isopropyltoluene
 Concen: 20.320 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071168.D
 Acq: 04 Mar 2022 14:53

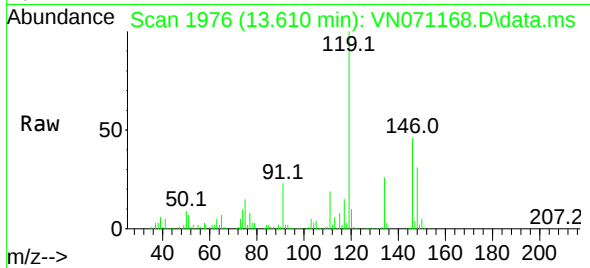
Tgt Ion:119 Resp: 484998
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.6 40.7
 91 22.7 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 19.182 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

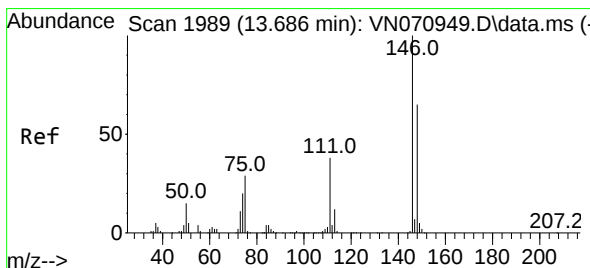
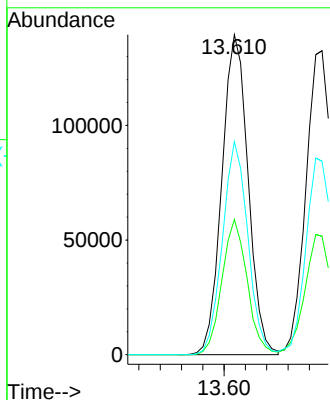
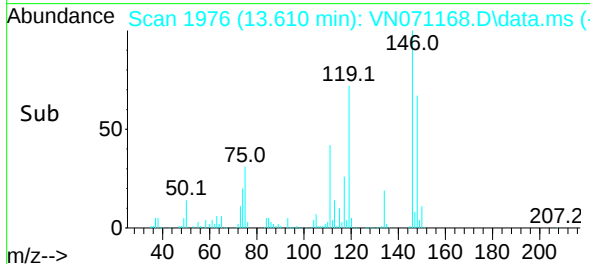
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01



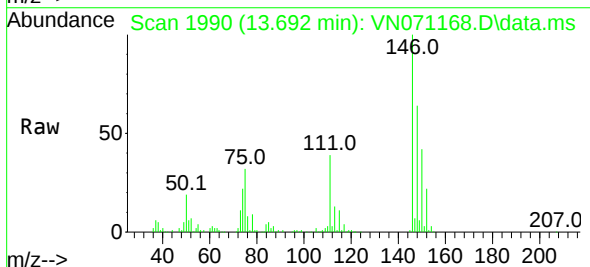
Tgt Ion:146 Resp: 23872
Ion Ratio Lower Upper
146 100
111 40.6 18.6 55.6
148 64.7 31.6 95.0

Manual Integrations
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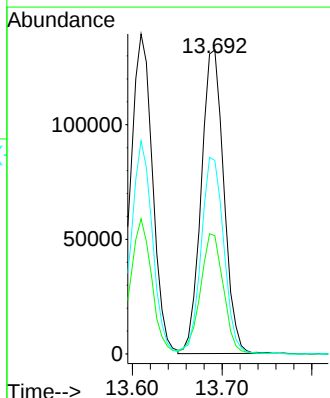
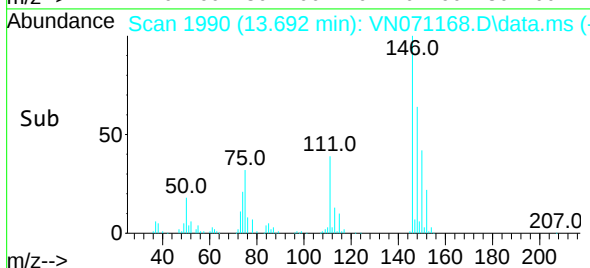
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

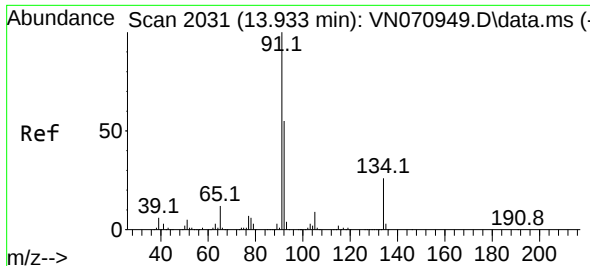


#88
1,4-Dichlorobenzene
Concen: 19.031 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53



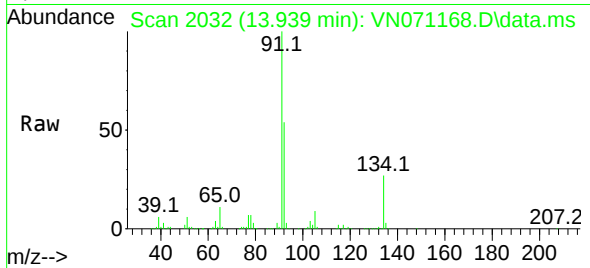
Tgt Ion:146 Resp: 232049
Ion Ratio Lower Upper
146 100
111 39.9 18.3 54.8
148 64.5 31.8 95.4





#89
n-Butylbenzene
Concen: 17.938 ug/l
RT: 13.939 min Scan# 2031
Delta R.T. 0.006 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

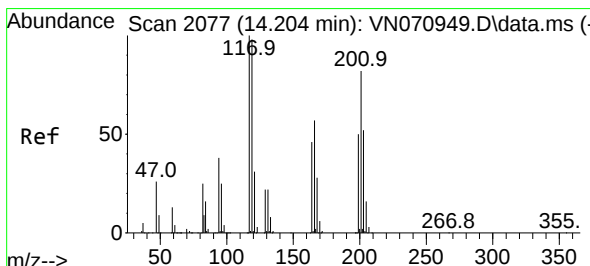
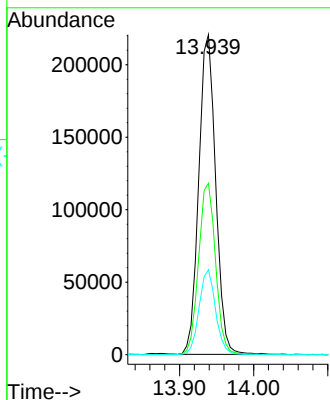
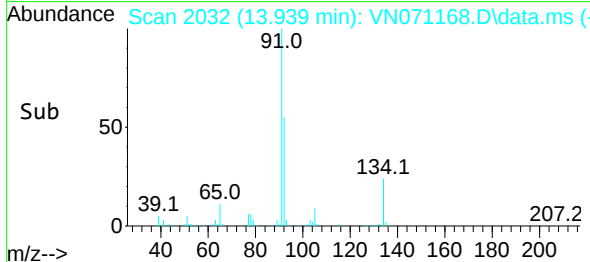
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01



Tgt Ion: 91 Resp: 34930
Ion Ratio Lower Upper
91 100
92 54.1 25.4 76.0
134 26.0 13.6 40.8

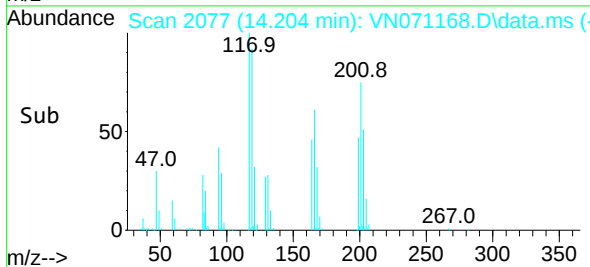
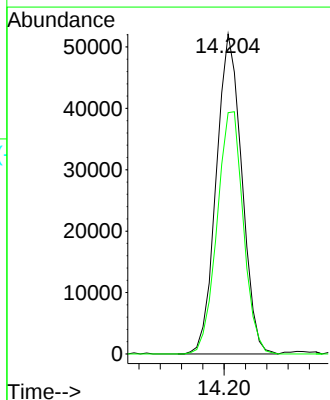
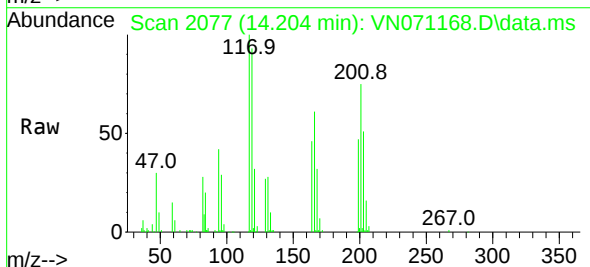
Manual Integrations
APPROVED

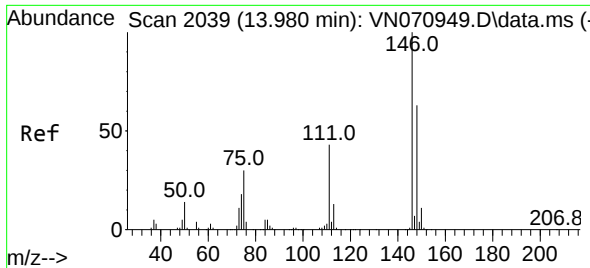
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#90
Hexachloroethane
Concen: 20.331 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

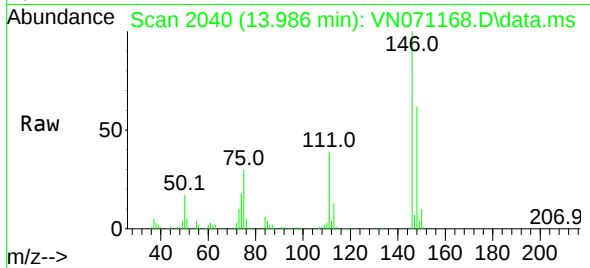
Tgt Ion:117 Resp: 86659
Ion Ratio Lower Upper
117 100
201 77.9 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 20.053 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

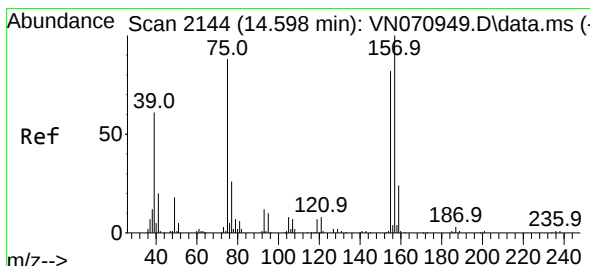
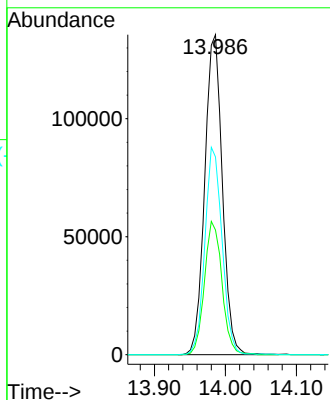
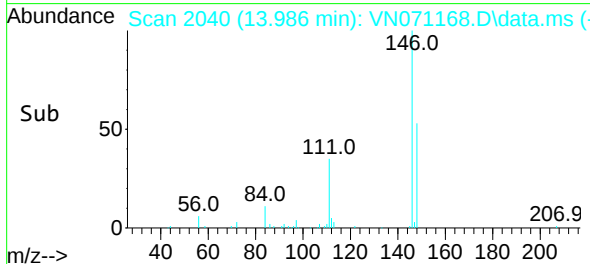
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01



Tgt Ion:146 Resp: 234340
Ion Ratio Lower Upper
146 100
111 41.4 19.1 57.3
148 63.2 32.1 96.3

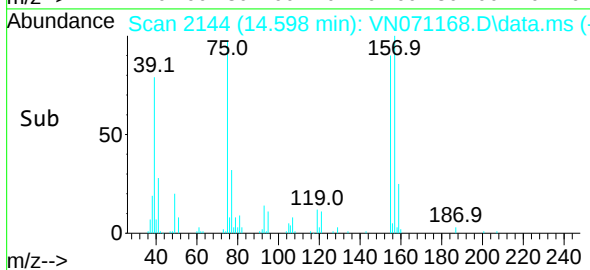
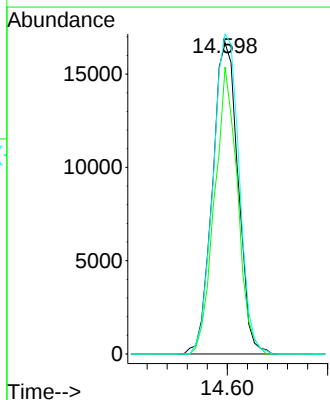
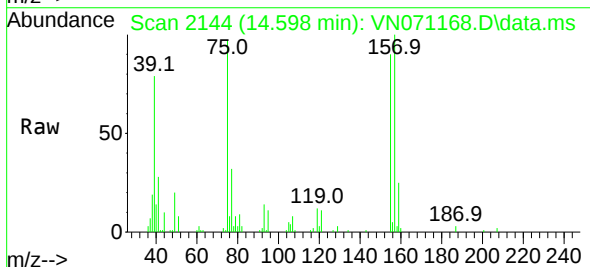
Manual Integrations
APPROVED

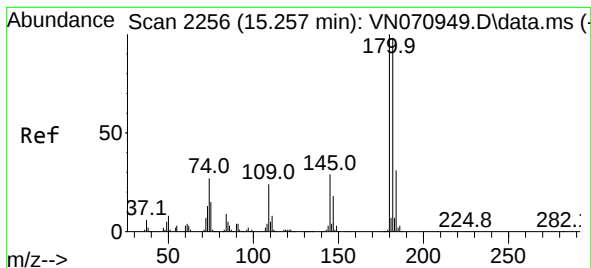
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 19.996 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

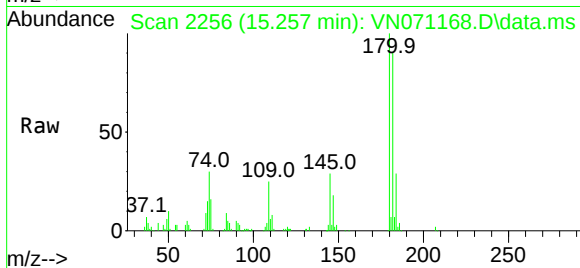
Tgt Ion: 75 Resp: 29566
Ion Ratio Lower Upper
75 100
155 82.5 46.9 140.7
157 104.2 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 16.013 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53

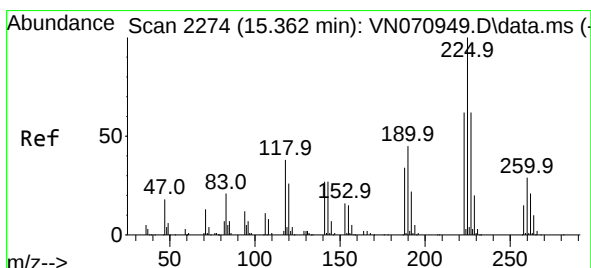
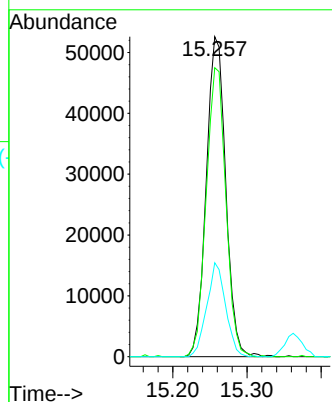
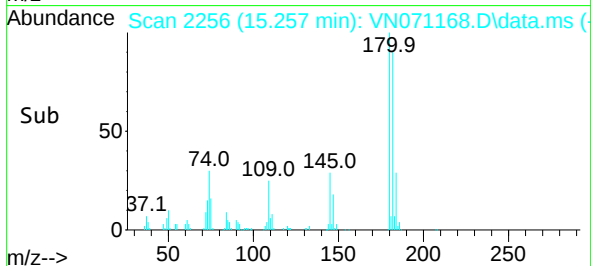
Instrument :
MSVOA_N
ClientSampleId :
VN0304WBSD01



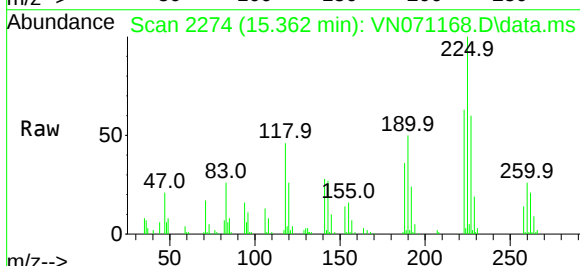
Tgt Ion:180 Resp: 9588
Ion Ratio Lower Upper
180 100
182 91.0 48.3 144.9
145 28.4 14.5 43.5

Manual Integrations
APPROVED

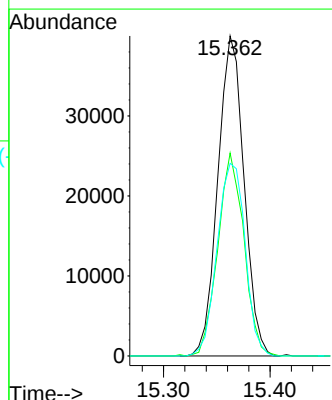
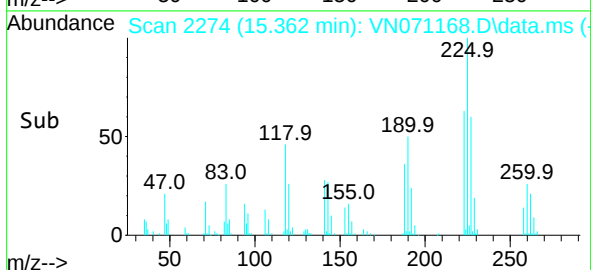
Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022

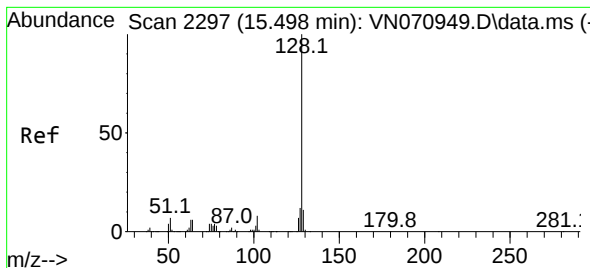


#94
Hexachlorobutadiene
Concen: 16.007 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN071168.D
Acq: 04 Mar 2022 14:53



Tgt Ion:225 Resp: 68216
Ion Ratio Lower Upper
225 100
223 63.1 31.9 95.7
227 64.5 32.1 96.3





#95

Naphthalene

Concen: 17.386 ug/l

RT: 15.504 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VN071168.D

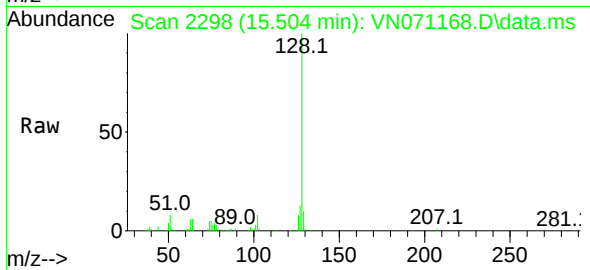
Acq: 04 Mar 2022 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN0304WBSD01



Tgt Ion:128 Resp: 219650

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

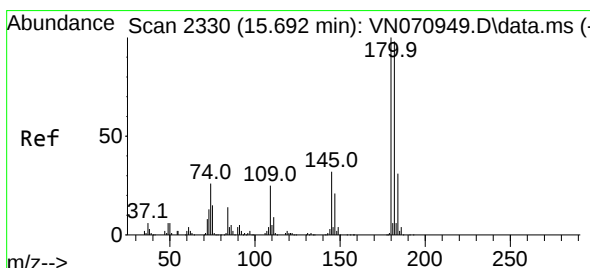
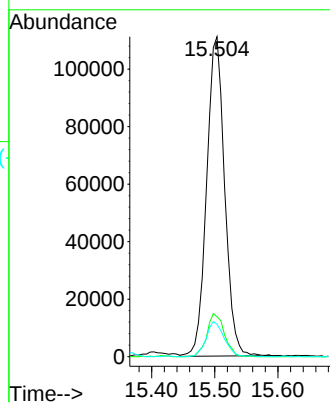
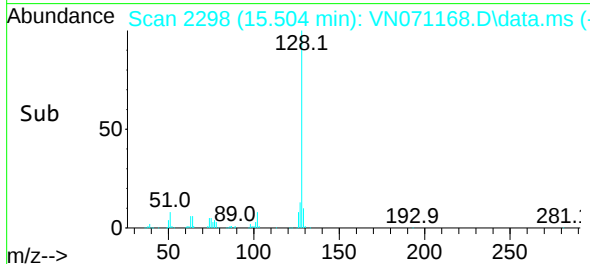
129 11.2 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/07/2022

Supervised By :Mahesh Dadoda 03/07/2022



#96

1,2,3-Trichlorobenzene

Concen: 15.600 ug/l

RT: 15.692 min Scan# 2330

Delta R.T. -0.000 min

Lab File: VN071168.D

Acq: 04 Mar 2022 14:53

Tgt Ion:180 Resp: 83431

Ion Ratio Lower Upper

180 100

182 96.9 47.4 142.2

145 31.9 15.0 45.1

