

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010522\
 Data File : VN070506.D
 Acq On : 5 Jan 2022 22:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/06/2022
 Supervised By : Mahesh Dadoda 01/11/2022

Quant Time: Jan 06 12:35:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	904937	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1510400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1428562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	618453	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	622327	47.830	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.660%		
35) Dibromofluoromethane	8.021	113	457356	50.046	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.100%		
50) Toluene-d8	10.440	98	1870949	50.116	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	100.240%		
62) 4-Bromofluorobenzene	12.728	95	703200	52.152	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	477024	46.482	ug/l	100
3) Chloromethane	2.303	50	683140	48.935	ug/l	98
4) Vinyl Chloride	2.448	62	623786	49.078	ug/l	98
5) Bromomethane	2.850	94	324721	49.499	ug/l	97
6) Chloroethane	3.019	64	374461	48.922	ug/l	97
7) Trichlorofluoromethane	3.379	101	726111	47.464	ug/l	98
8) Diethyl Ether	3.824	74	359865	53.361	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.210	101	481690	51.480	ug/l	95
10) Methyl Iodide	4.419	142	633795	50.051	ug/l	98
11) Tert butyl alcohol	5.377	59	541068	249.750	ug/l	98
12) 1,1-Dichloroethene	4.181	96	469984	50.994	ug/l	92
13) Acrolein	4.041	56	368373	209.562	ug/l	99
14) Allyl chloride	4.840	41	1098440	52.568	ug/l	85
15) Acrylonitrile	5.554	53	1963481	290.436	ug/l	99
16) Acetone	4.285	43	1697347	200.957	ug/l	97
17) Carbon Disulfide	4.529	76	1200028	47.701	ug/l	99
18) Methyl Acetate	4.854	43	1362647	55.772	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	1838892	53.727	ug/l	94
20) Methylene Chloride	5.095	84	598059	51.177	ug/l #	86
21) trans-1,2-Dichloroethene	5.597	96	505432	51.795	ug/l	86
22) Diisopropyl ether	6.498	45	2289352	56.250	ug/l #	91
23) Vinyl Acetate	6.434	43	8792958	278.456	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	1112843	52.733	ug/l	97
25) 2-Butanone	7.335	43	2790076	262.349	ug/l	92
26) 2,2-Dichloropropane	7.327	77	742573	44.604	ug/l	99
27) cis-1,2-Dichloroethene	7.327	96	618482	53.117	ug/l	88
28) Bromochloromethane	7.657	49	542213	52.537	ug/l #	76
29) Tetrahydrofuran	7.683	42	1875405	295.563	ug/l #	86
30) Chloroform	7.817	83	1055774	51.858	ug/l	99
31) Cyclohexane	8.096	56	1051052	51.190	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	850369	49.538	ug/l	96
36) 1,1-Dichloropropene	8.220	75	782994	51.793	ug/l	96
37) Ethyl Acetate	7.412	43	1072794	54.746	ug/l	96
38) Carbon Tetrachloride	8.204	117	682251	47.261	ug/l	99
39) Methylcyclohexane	9.459	83	946521	51.716	ug/l	89
40) Benzene	8.458	78	2459551	53.067	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	574886	58.653	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	859343	49.328	ug/l	100
43) Isopropyl Acetate	8.560	43	1686485	54.587	ug/l #	95
44) Trichloroethene	9.215	130	562728	51.098	ug/l	92
45) 1,2-Dichloropropane	9.488	63	688966	55.210	ug/l	100
46) Dibromomethane	9.577	93	408655	52.664	ug/l	94
47) Bromodichloromethane	9.762	83	808245	52.457	ug/l	100
48) Methyl methacrylate	9.558	41	790119	53.616	ug/l #	85
49) 1,4-Dioxane	9.569	88	231799	1074.541	ug/l #	82
51) 4-Methyl-2-Pentanone	10.330	43	5711222	294.190	ug/l	97
52) Toluene	10.505	92	1523579	54.309	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	875235	52.472	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	969972	53.757	ug/l	97
55) 1,1,2-Trichloroethane	10.896	97	604400	54.451	ug/l	99
56) Ethyl methacrylate	10.760	69	1048703	57.179	ug/l	88
57) 1,3-Dichloropropane	11.044	76	1077660	54.891	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1233833	262.382	ug/l	90
59) 2-Hexanone	11.084	43	4055892	286.491	ug/l	96
60) Dibromochloromethane	11.237	129	581126	53.659	ug/l	100
61) 1,2-Dibromoethane	11.344	107	606561	53.818	ug/l	99
64) Tetrachloroethene	10.977	164	507606	49.069	ug/l	96
65) Chlorobenzene	11.768	112	1573268	51.904	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	547353	50.583	ug/l	98
67) Ethyl Benzene	11.843	91	2964460	53.378	ug/l	96
68) m/p-Xylenes	11.950	106	2181674	107.920	ug/l	94
69) o-Xylene	12.280	106	1097769	54.594	ug/l	94
70) Styrene	12.294	104	1791781	56.301	ug/l	97
71) Bromoform	12.457	173	431210	53.694	ug/l #	99
73) Isopropylbenzene	12.578	105	2855475	49.719	ug/l	99
74) N-amyl acetate	12.388	43	1272165	52.681	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	975351	52.005	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	800604m	44.070	ug/l	
77) Bromobenzene	12.860	156	647730	49.124	ug/l	77
78) n-propylbenzene	12.919	91	3252979	51.120	ug/l	96
79) 2-Chlorotoluene	13.004	91	2012041	49.279	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2326757	50.556	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.624	75	258182	51.004	ug/l	98
82) 4-Chlorotoluene	13.104	91	1901945	49.730	ug/l	92
83) tert-Butylbenzene	13.321	119	2032554	50.155	ug/l	95
84) 1,2,4-Trimethylbenzene	13.366	105	2274556	51.324	ug/l	98
85) sec-Butylbenzene	13.501	105	2853038	51.854	ug/l	97
86) p-Isopropyltoluene	13.613	119	2248698	52.029	ug/l	98
87) 1,3-Dichlorobenzene	13.613	146	1104699	50.047	ug/l	98
88) 1,4-Dichlorobenzene	13.694	146	1063606	48.849	ug/l	98
89) n-Butylbenzene	13.940	91	1836090	50.932	ug/l	97
90) Hexachloroethane	14.209	117	373831	49.788	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	1066777	49.299	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	163747	49.217	ug/l	83
93) 1,2,4-Trichlorobenzene	15.263	180	521428	51.141	ug/l	99
94) Hexachlorobutadiene	15.367	225	303973	51.298	ug/l	99
95) Naphthalene	15.504	128	1456200	51.618	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	514915	52.752	ug/l	99

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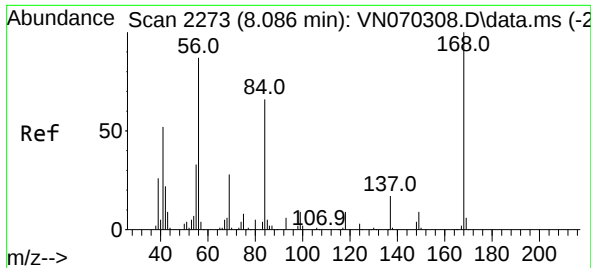
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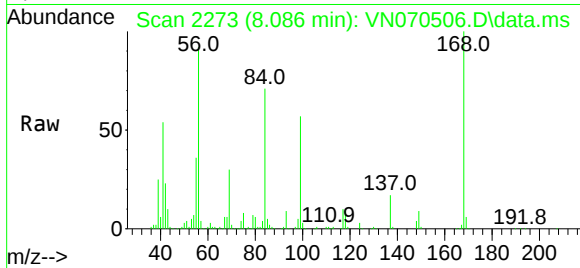
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
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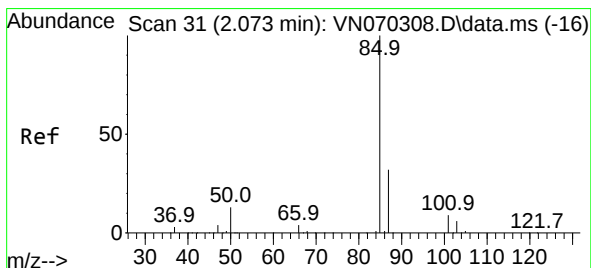
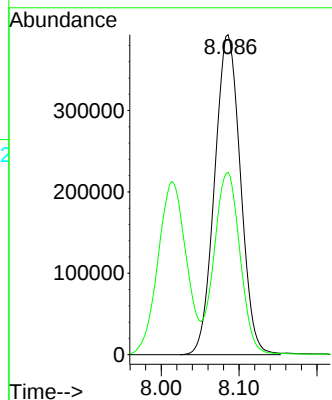
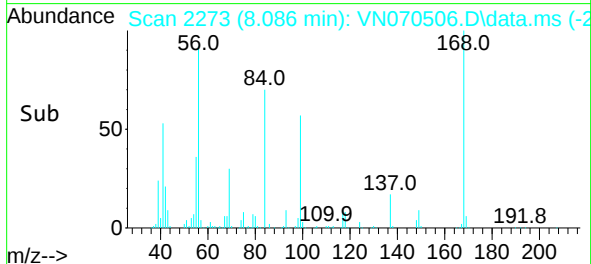
Instrument :
MSVOA_N
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VSTDCCC050EC



Tgt Ion:168 Resp: 90493
Ion Ratio Lower Upper
168 100
99 56.6 41.3 61.9

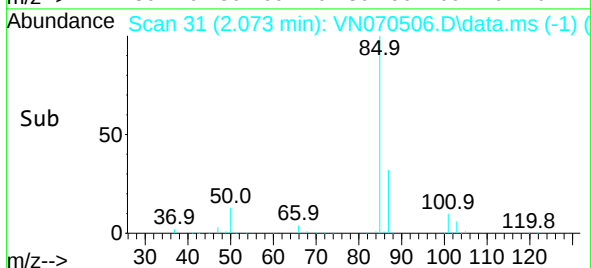
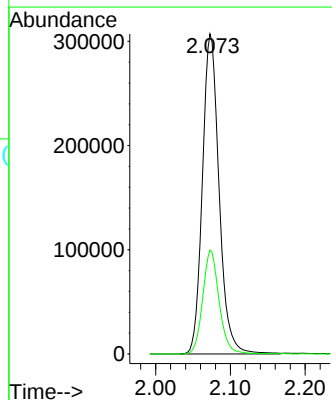
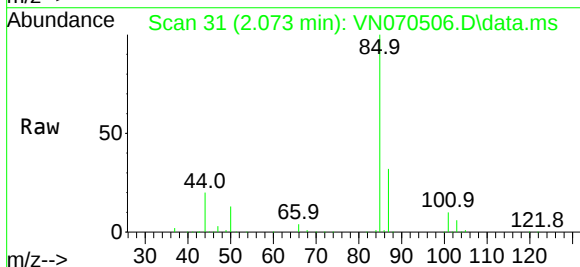
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#2
Dichlorodifluoromethane
Concen: 46.482 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

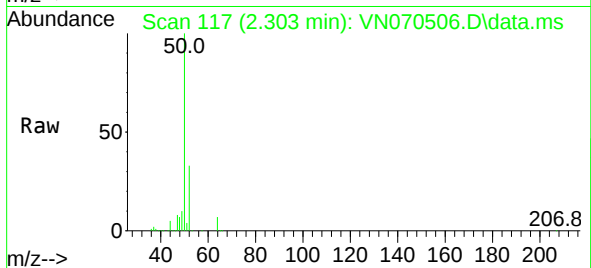
Tgt Ion: 85 Resp: 477024
Ion Ratio Lower Upper
85 100
87 32.4 16.3 48.9





#3
Chloromethane
Concen: 48.935 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

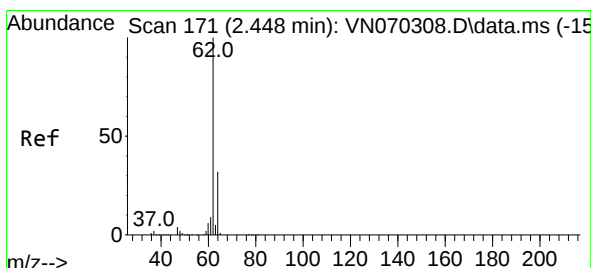
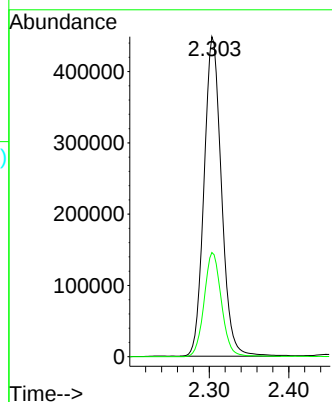
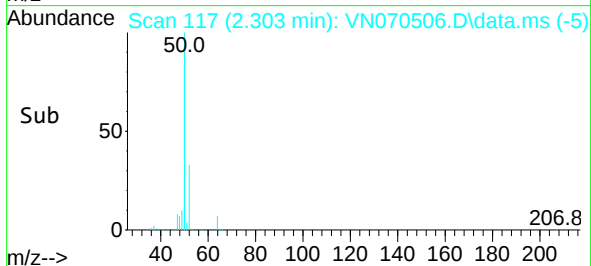
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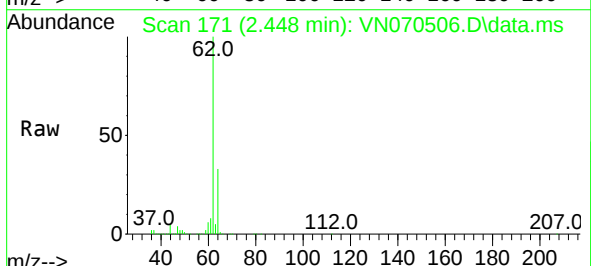
Tgt Ion: 50 Resp: 683140
Ion Ratio Lower Upper
50 100
52 32.6 25.4 38.0

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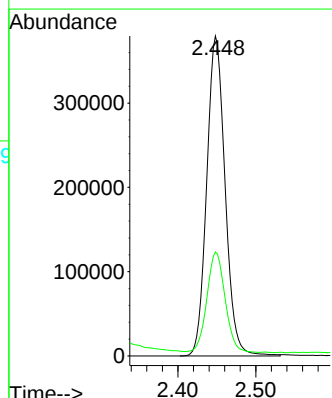
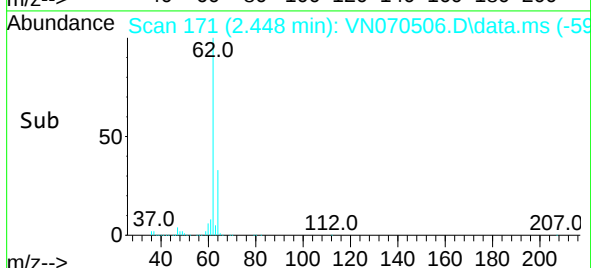
Reviewed By :John Carlone 01/06/2022
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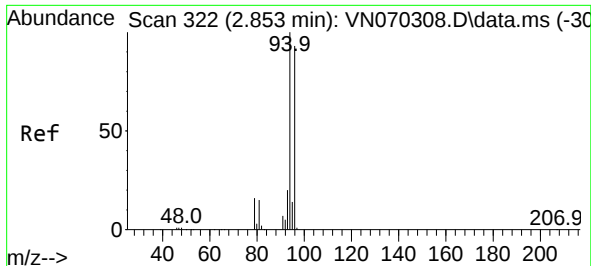


#4
Vinyl Chloride
Concen: 49.078 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN070506.D
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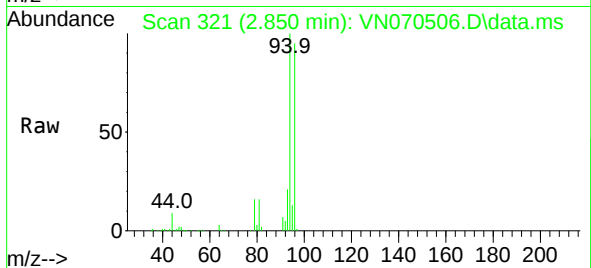
Tgt Ion: 62 Resp: 623786
Ion Ratio Lower Upper
62 100
64 31.3 25.8 38.6





#5
Bromomethane
Concen: 49.499 ug/l
RT: 2.850 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

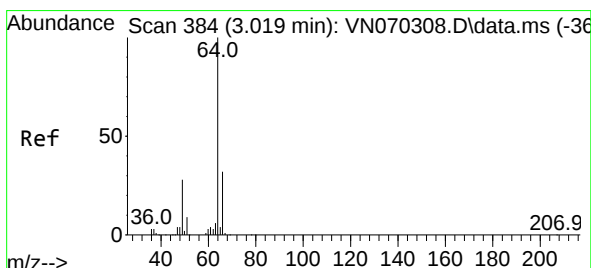
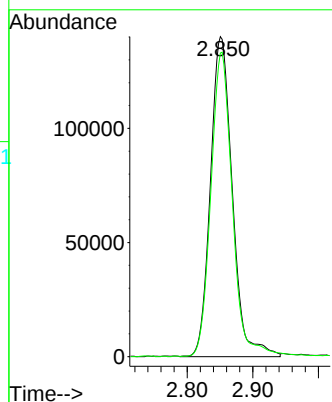
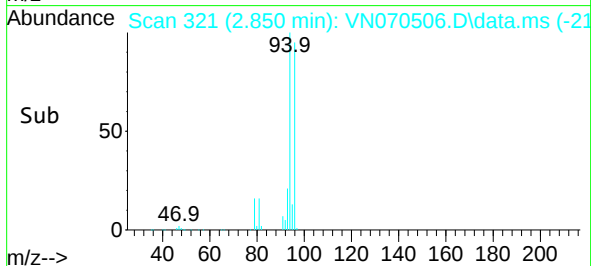
Instrument :
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Tgt Ion: 94 Resp: 32472
Ion Ratio Lower Upper
94 100
96 94.8 73.8 110.8

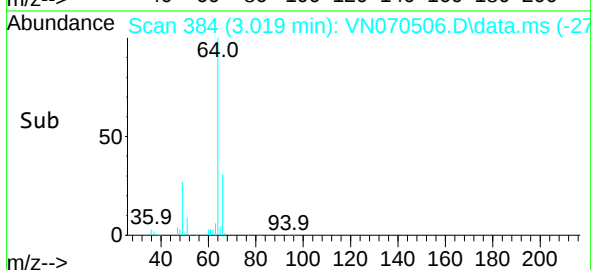
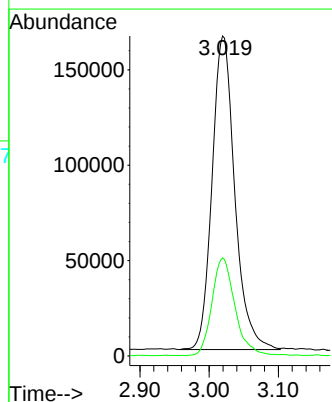
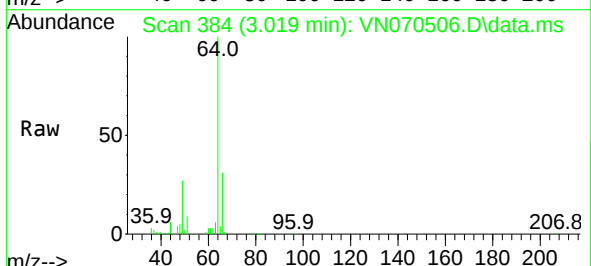
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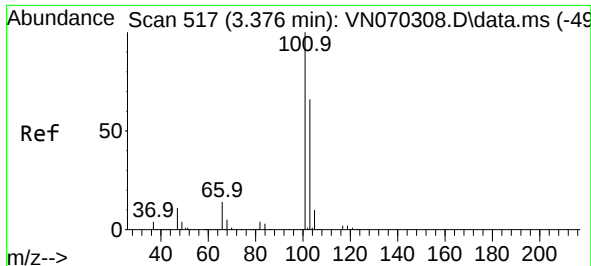
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022



#6
Chloroethane
Concen: 48.922 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

Tgt Ion: 64 Resp: 374461
Ion Ratio Lower Upper
64 100
66 31.1 26.3 39.5





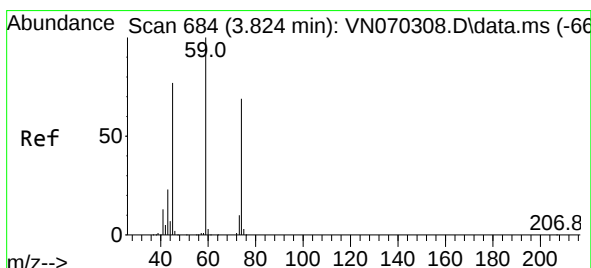
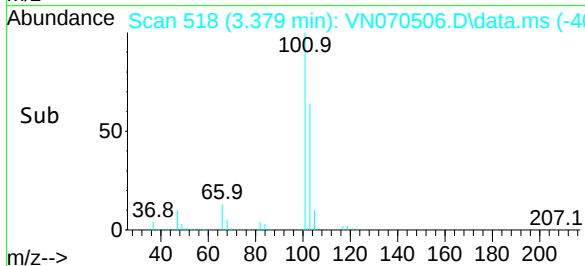
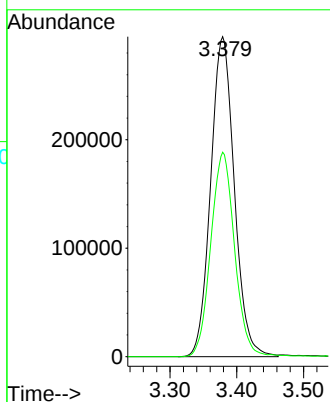
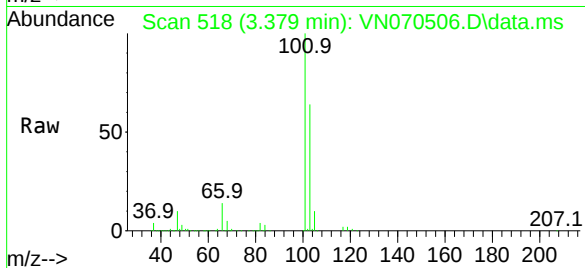
#7
Trichlorofluoromethane
Concen: 47.464 ug/l
RT: 3.379 min Scan# 517
Delta R.T. 0.003 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 72611
Ion Ratio Lower Upper
101 100
103 63.9 50.1 75.1

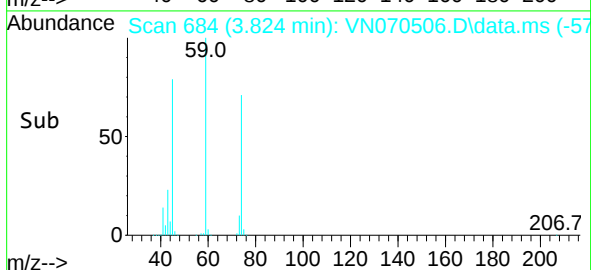
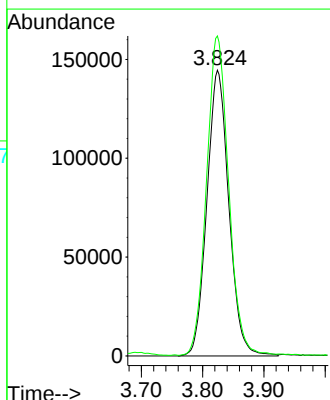
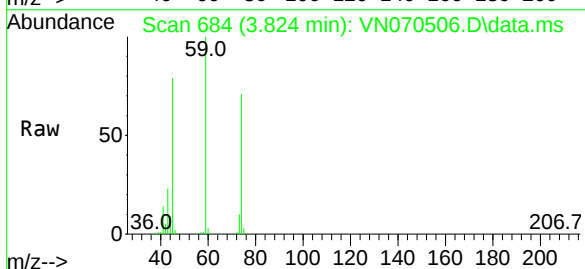
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#8
Diethyl Ether
Concen: 53.361 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.000 min
Lab File: VN070506.D
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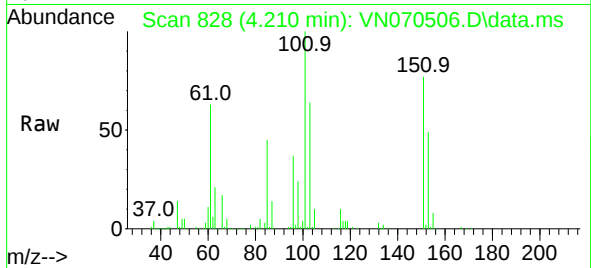
Tgt Ion: 74 Resp: 359865
Ion Ratio Lower Upper
74 100
45 112.4 47.0 141.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.480 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN070506.D
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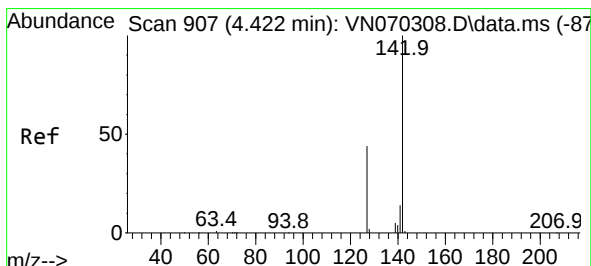
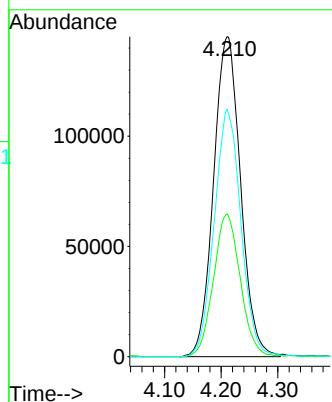
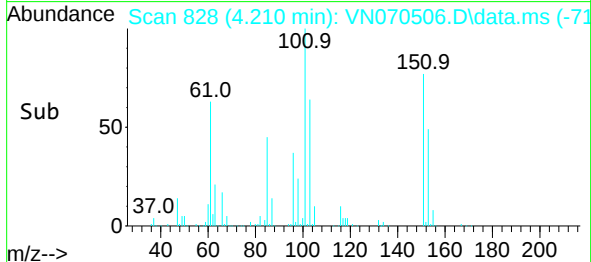
Instrument :
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ClientSampleId :
VSTDCCC050EC



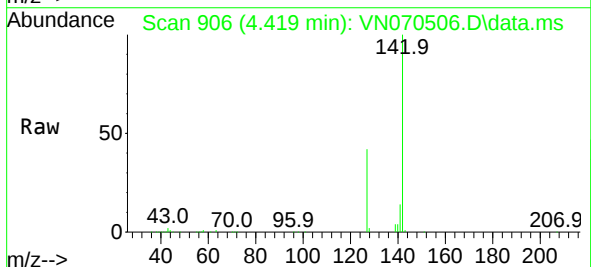
Tgt Ion:101 Resp: 481690
Ion Ratio Lower Upper
101 100
85 44.2 37.2 55.8
151 76.6 65.9 98.9

Manual Integrations
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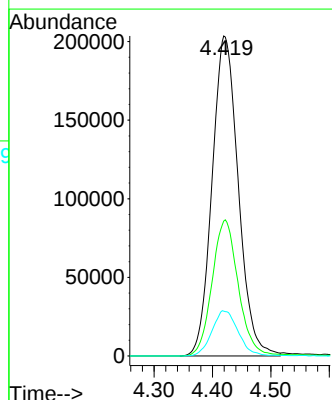
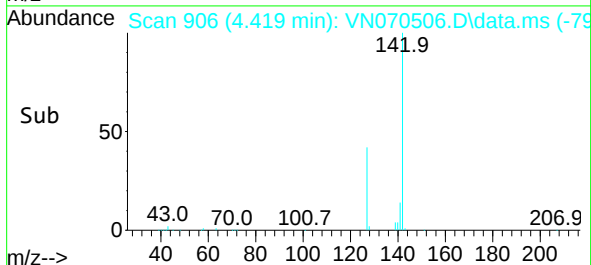
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022



#10
Methyl Iodide
Concen: 50.051 ug/l
RT: 4.419 min Scan# 906
Delta R.T. -0.003 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17



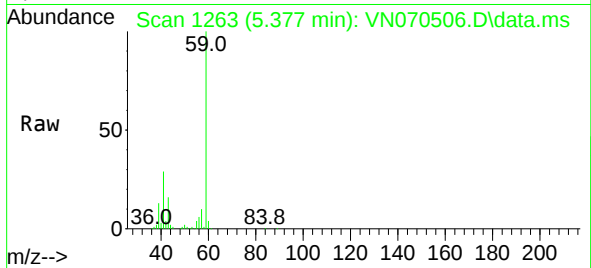
Tgt Ion:142 Resp: 633795
Ion Ratio Lower Upper
142 100
127 42.6 35.4 53.0
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 249.750 ug/l
RT: 5.377 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

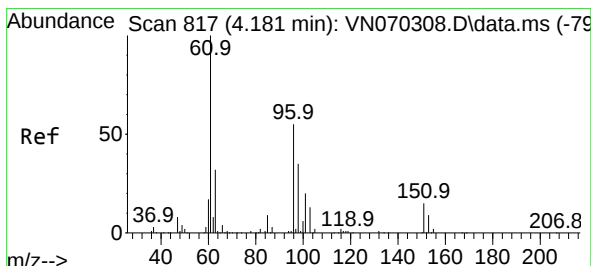
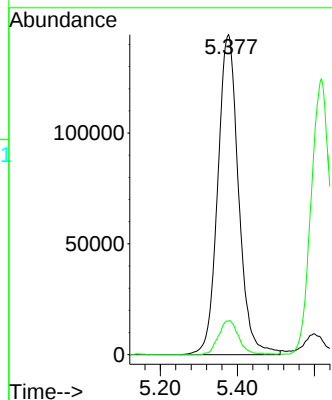
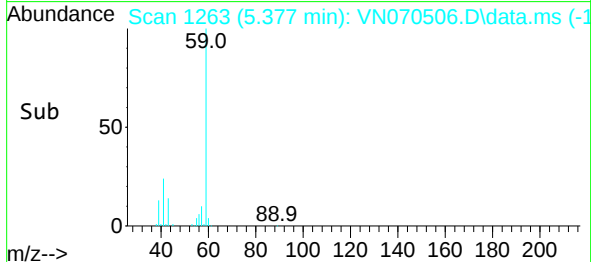
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



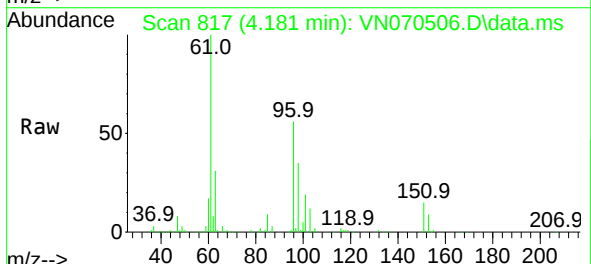
Tgt Ion: 59 Resp: 541068
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1

Manual Integrations
APPROVED

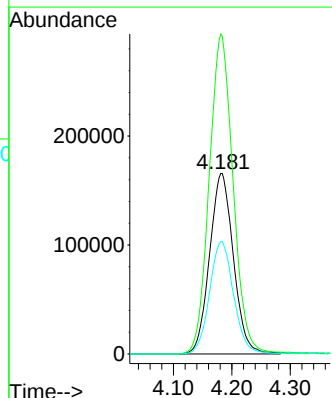
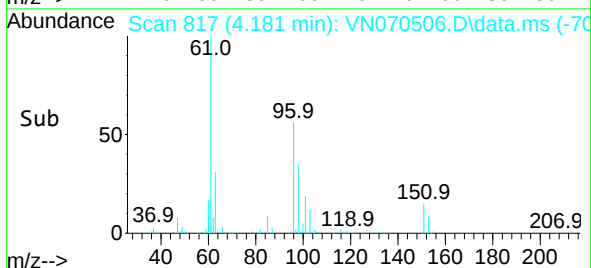
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022

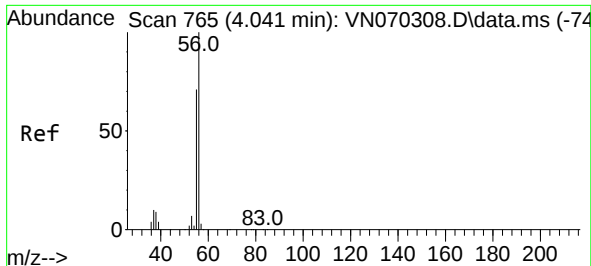


#12
1,1-Dichloroethene
Concen: 50.994 ug/l
RT: 4.181 min Scan# 817
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17



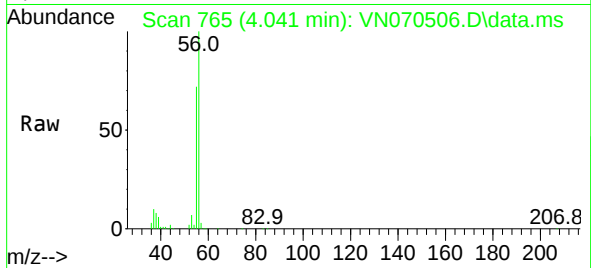
Tgt Ion: 96 Resp: 469984
Ion Ratio Lower Upper
96 100
61 177.3 131.0 196.6
98 62.4 52.4 78.6





#13
Acrolein
Concen: 209.562 ug/l
RT: 4.041 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

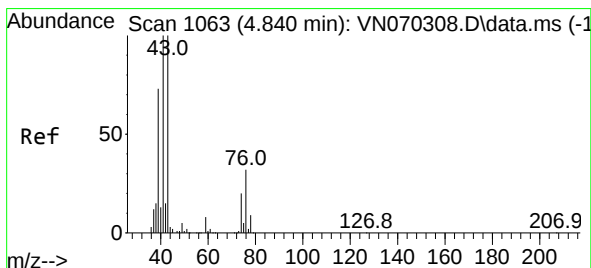
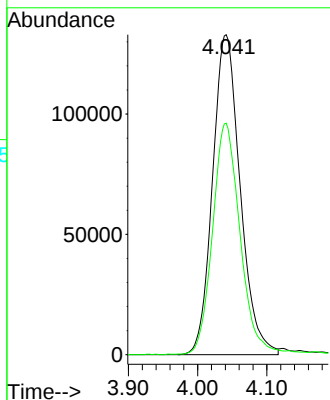
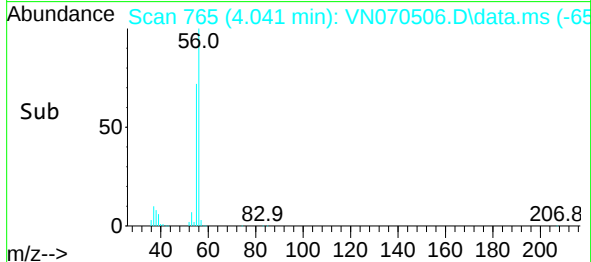
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



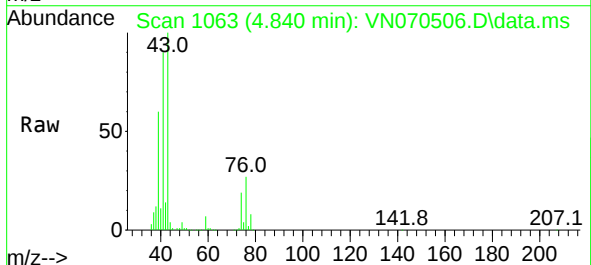
Tgt Ion: 56 Resp: 36837
Ion Ratio Lower Upper
56 100
55 71.4 56.6 85.0

Manual Integrations
APPROVED

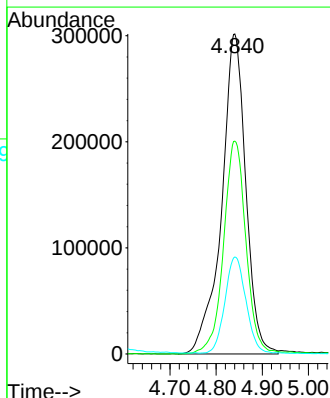
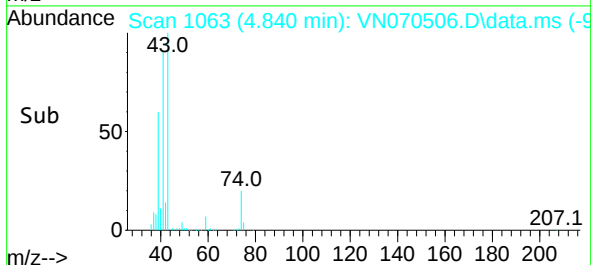
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022

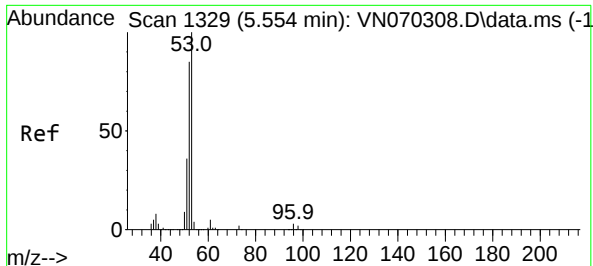


#14
Allyl chloride
Concen: 52.568 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17



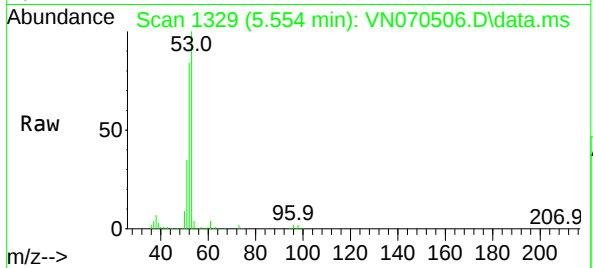
Tgt Ion: 41 Resp: 1098440
Ion Ratio Lower Upper
41 100
39 61.7 61.2 91.8
76 26.1 26.0 39.0





#15
Acrylonitrile
Concen: 290.436 ug/l
RT: 5.554 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

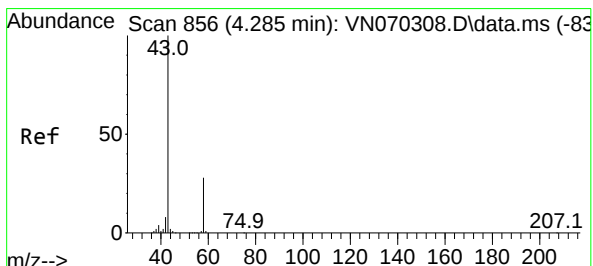
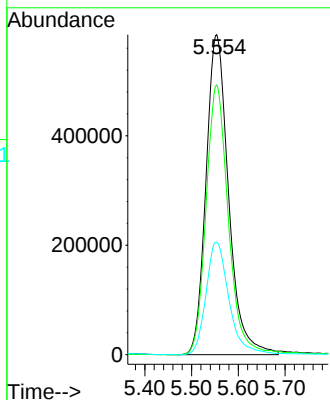
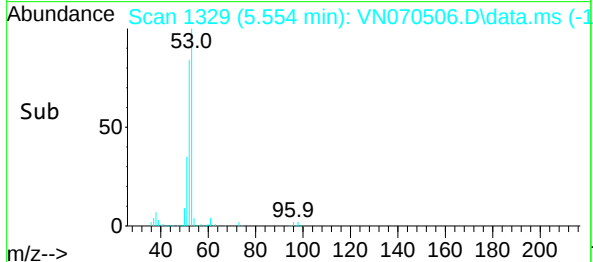
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 196348
Ion Ratio Lower Upper
53 100
52 83.1 66.2 99.2
51 35.8 29.6 44.4

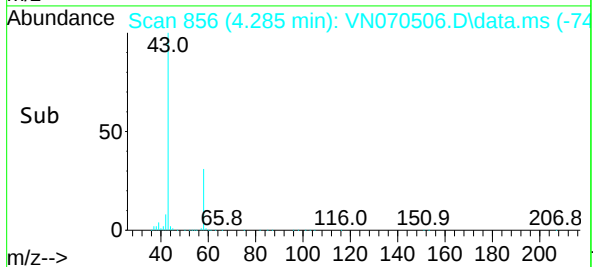
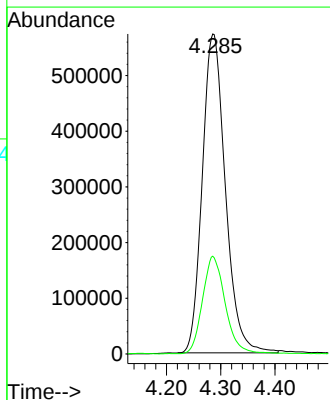
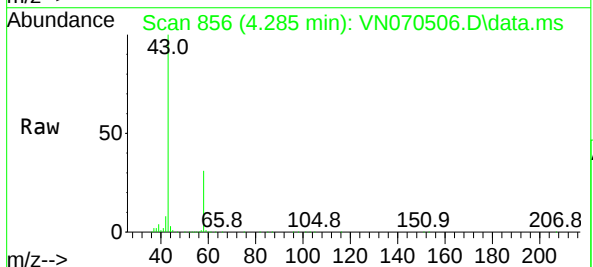
Manual Integrations
APPROVED

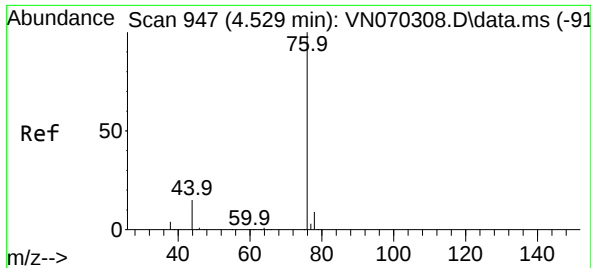
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022



#16
Acetone
Concen: 200.957 ug/l
RT: 4.285 min Scan# 856
Delta R.T. 0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

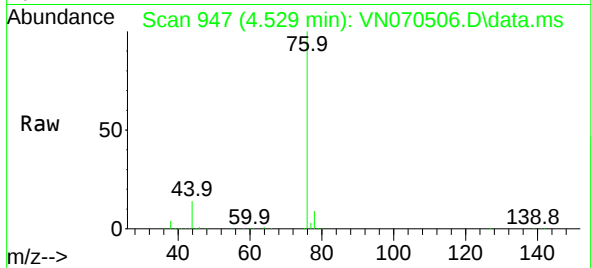
Tgt Ion: 43 Resp: 1697347
Ion Ratio Lower Upper
43 100
58 30.6 23.1 34.7





#17
Carbon Disulfide
Concen: 47.701 ug/l
RT: 4.529 min Scan# 947
Delta R.T. 0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

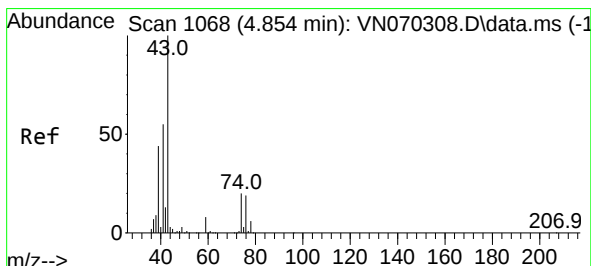
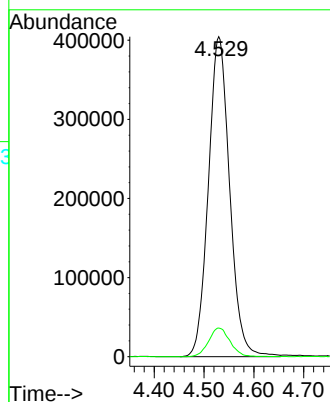
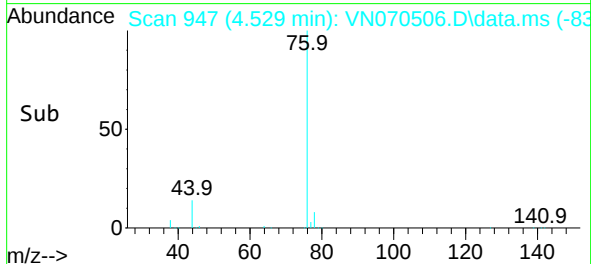
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



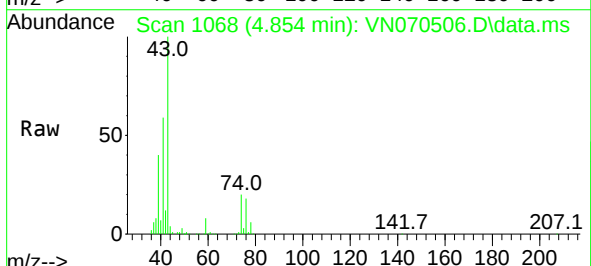
Tgt Ion: 76 Resp: 1200028
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

Manual Integrations
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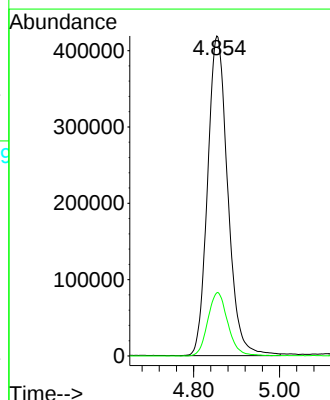
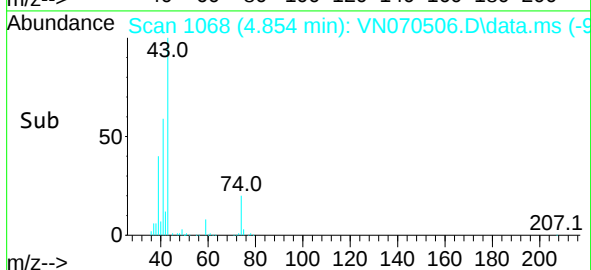
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022

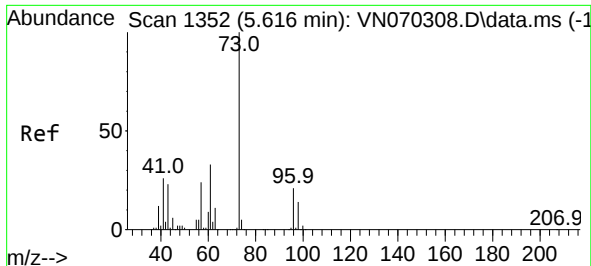


#18
Methyl Acetate
Concen: 55.772 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17



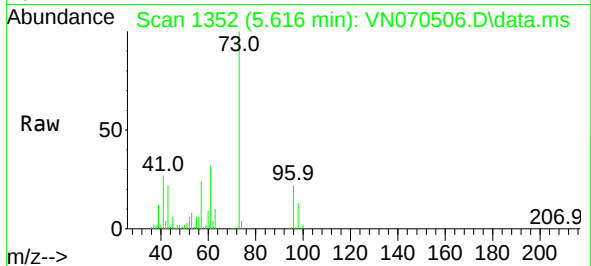
Tgt Ion: 43 Resp: 1362647
Ion Ratio Lower Upper
43 100
74 19.8 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 53.727 ug/l
RT: 5.616 min Scan# 11352
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

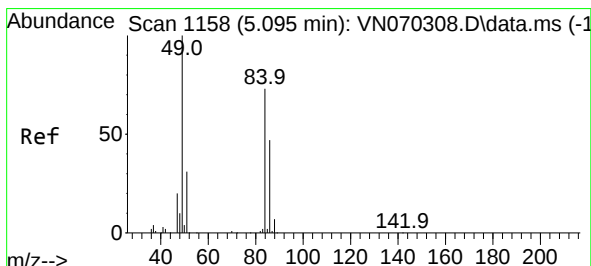
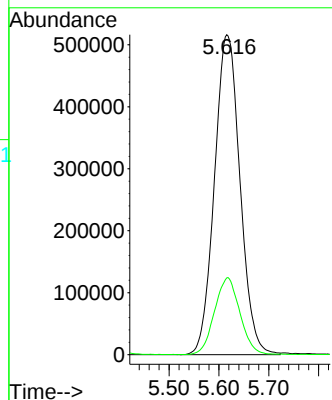
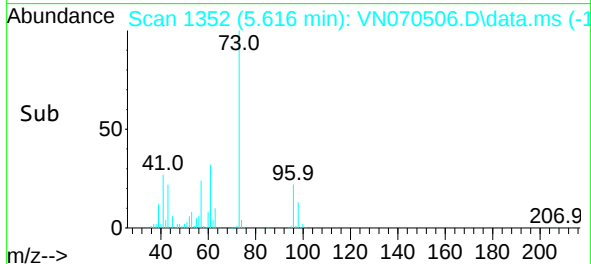
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 183889
Ion Ratio Lower Upper
73 100
57 23.9 16.8 25.2

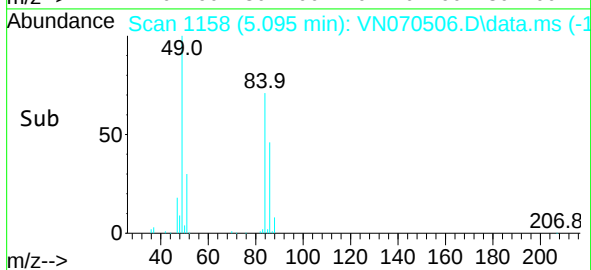
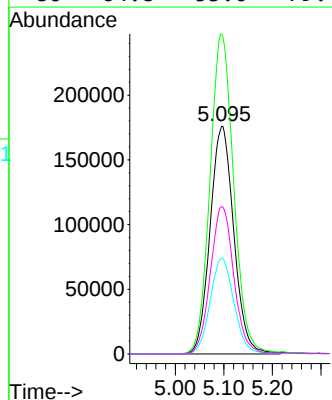
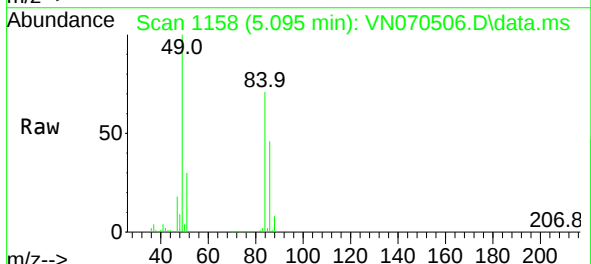
Manual Integrations
APPROVED

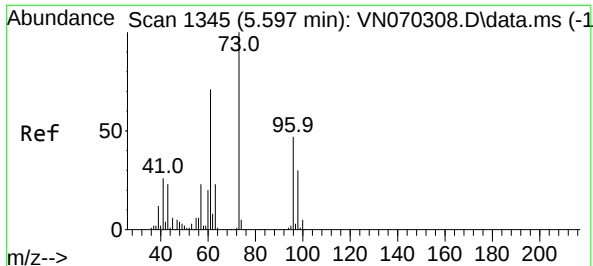
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022



#20
Methylene Chloride
Concen: 51.177 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

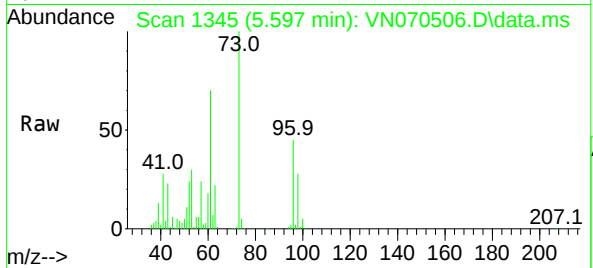
Tgt Ion: 84 Resp: 598059
Ion Ratio Lower Upper
84 100
49 140.6 93.5 140.3#
51 42.2 29.4 44.2
86 64.8 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 51.795 ug/l
RT: 5.597 min Scan# 1345
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

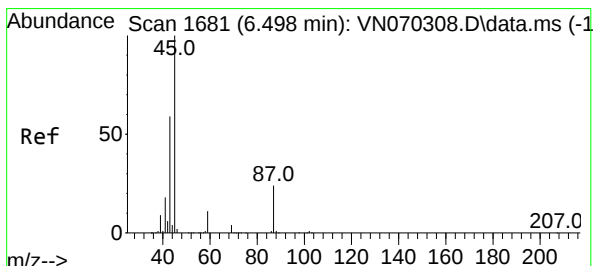
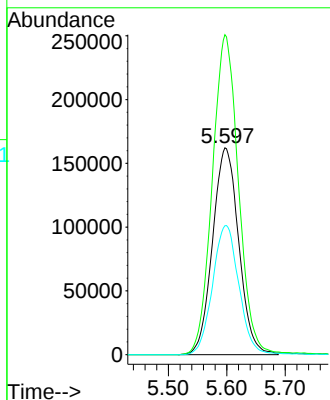
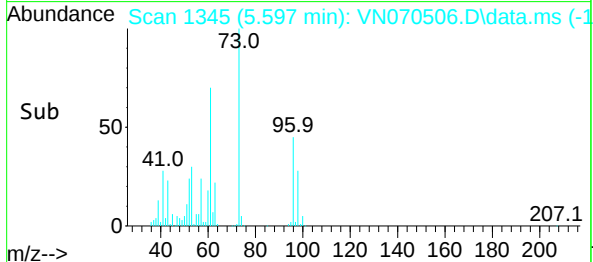
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



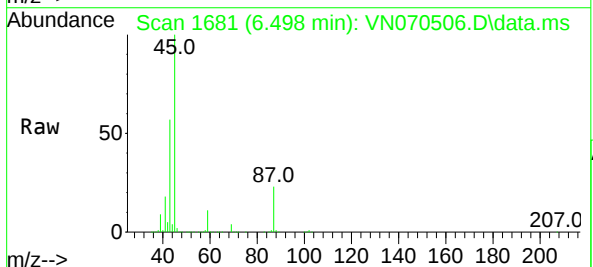
Tgt Ion: 96 Resp: 505432
Ion Ratio Lower Upper
96 100
61 154.7 105.8 158.6
98 62.3 52.0 78.0

Manual Integrations
APPROVED

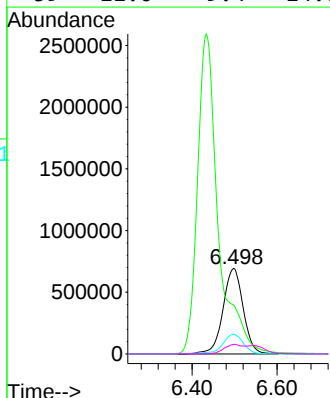
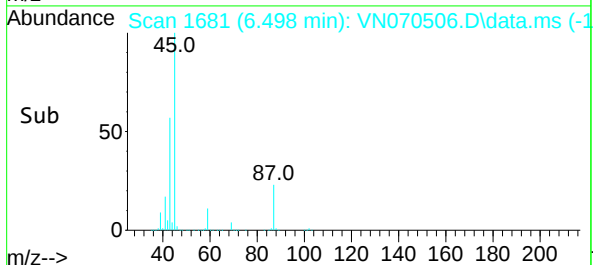
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022

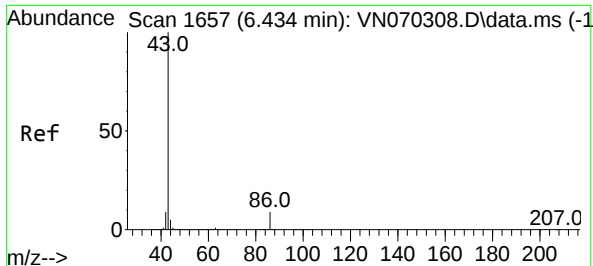


#22
Diisopropyl ether
Concen: 56.250 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17



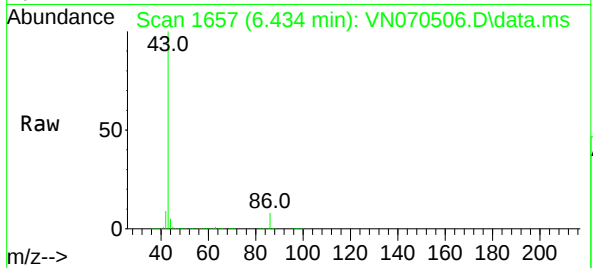
Tgt Ion: 45 Resp: 2289352
Ion Ratio Lower Upper
45 100
43 56.7 51.7 77.5
87 22.9 23.2 34.8#
59 11.0 9.4 14.0





#23
 Vinyl Acetate
 Concen: 278.456 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. -0.000 min
 Lab File: VN070506.D
 Acq: 5 Jan 2022 22:17

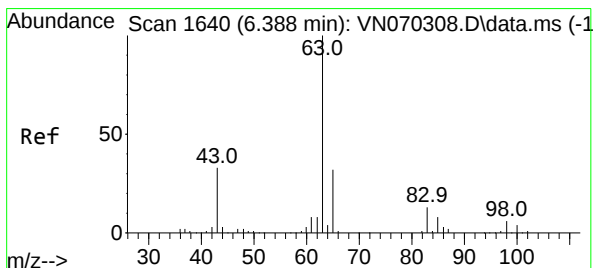
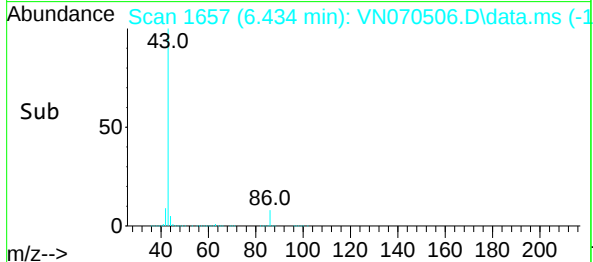
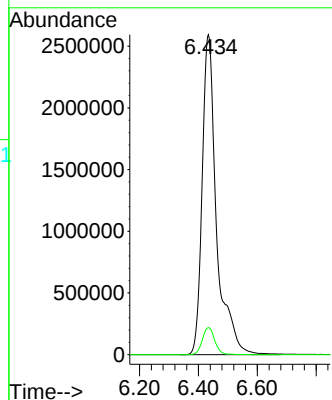
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 8792958
 Ion Ratio Lower Upper
 43 100
 86 8.4 8.5 12.7

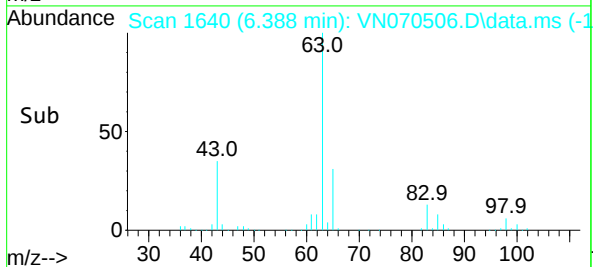
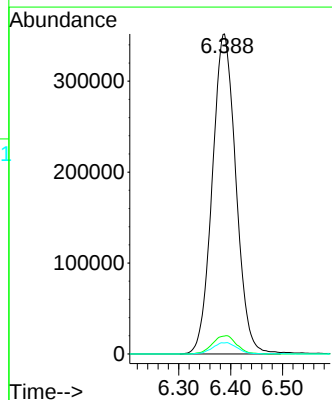
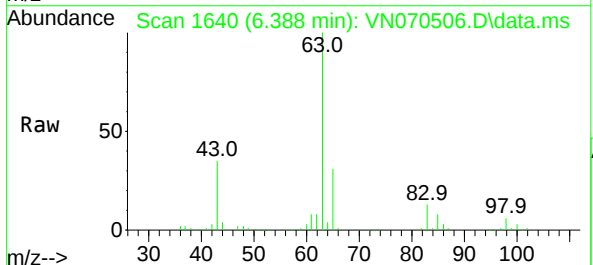
Manual Integrations
 APPROVED

Reviewed By :John Carlone 01/06/2022
 Supervised By :Mahesh Dadoda 01/11/2022



#24
 1,1-Dichloroethane
 Concen: 52.733 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. -0.000 min
 Lab File: VN070506.D
 Acq: 5 Jan 2022 22:17

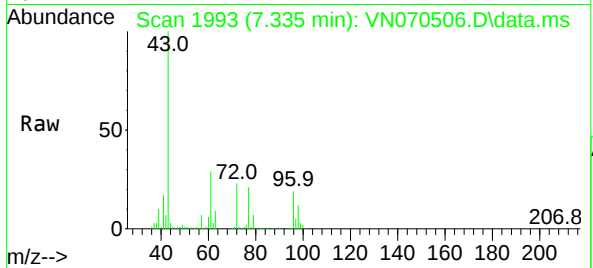
Tgt Ion: 63 Resp: 1112843
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.3 9.9
 100 3.5 2.1 6.5





#25
2-Butanone
Concen: 262.349 ug/l
RT: 7.335 min Scan# 1993
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

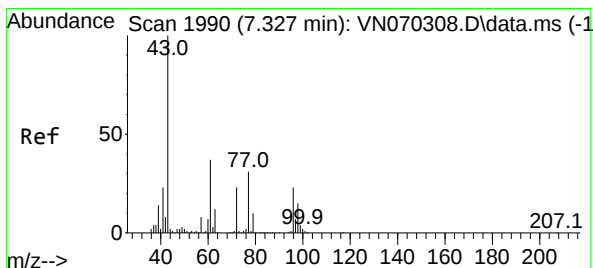
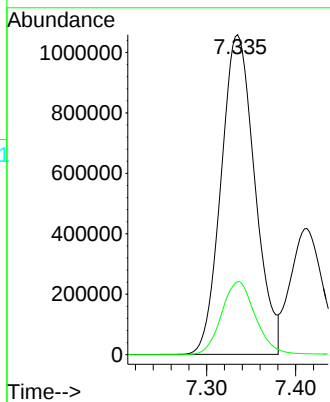
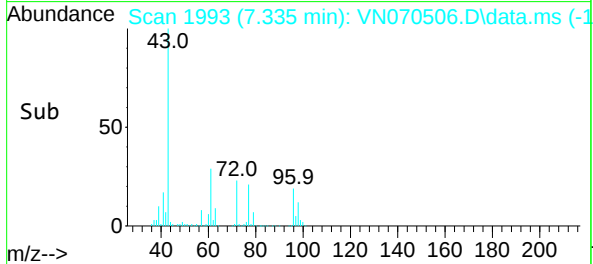
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



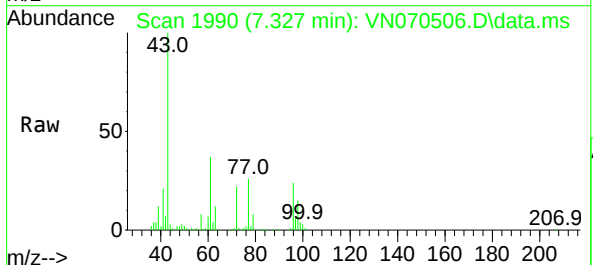
Tgt Ion: 43 Resp: 2790070
Ion Ratio Lower Upper
43 100
72 22.8 21.7 32.5

Manual Integrations
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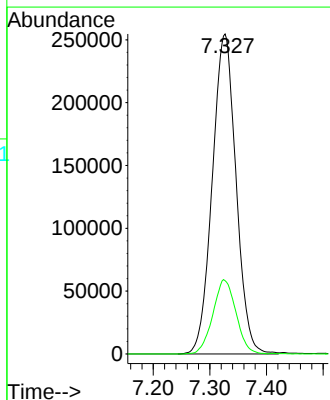
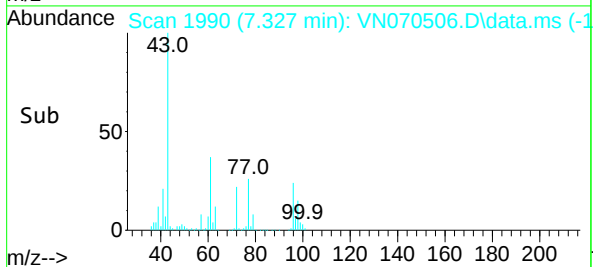
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022



#26
2,2-Dichloropropane
Concen: 44.604 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17



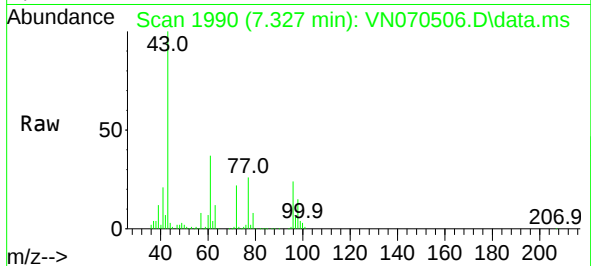
Tgt Ion: 77 Resp: 742573
Ion Ratio Lower Upper
77 100
97 22.6 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 53.117 ug/l
 RT: 7.327 min Scan# 1989
 Delta R.T. 0.003 min
 Lab File: VN070506.D
 Acq: 5 Jan 2022 22:17

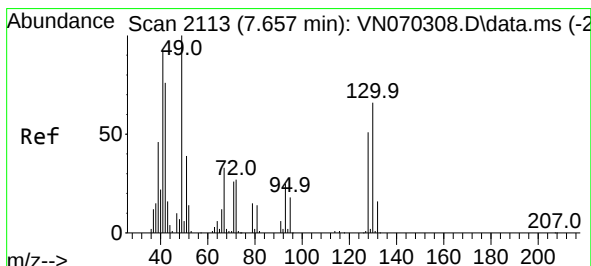
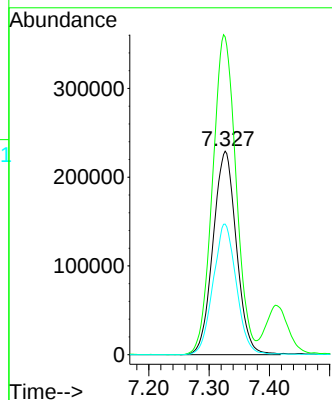
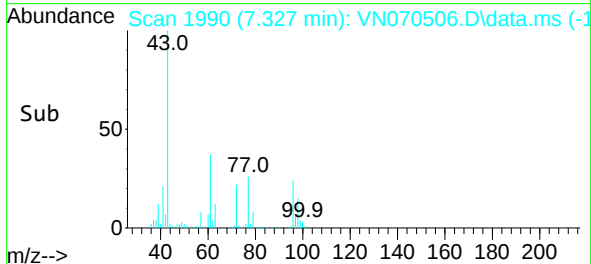
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 96 Resp: 61848
 Ion Ratio Lower Upper
 96 100
 61 157.4 0.0 275.0
 98 63.7 0.0 129.6

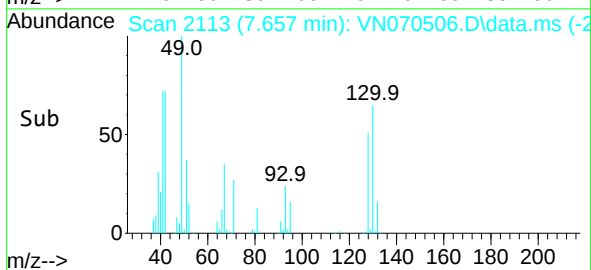
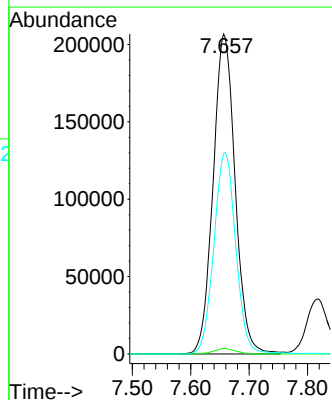
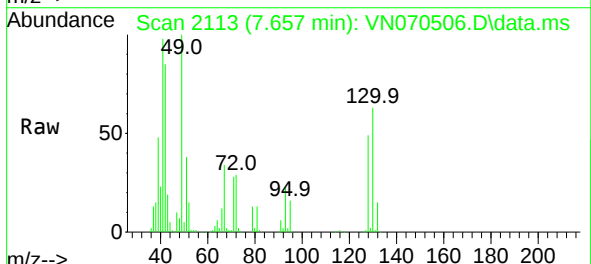
Manual Integrations
 APPROVED

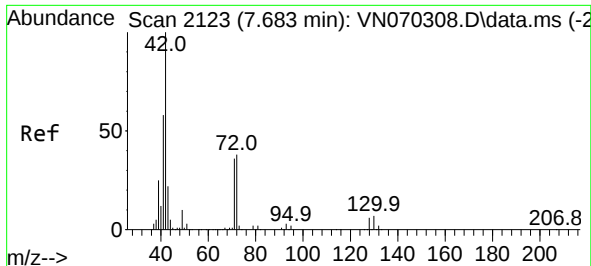
Reviewed By :John Carlone 01/06/2022
 Supervised By :Mahesh Dadoda 01/11/2022



#28
 Bromochloromethane
 Concen: 52.537 ug/l
 RT: 7.657 min Scan# 2113
 Delta R.T. -0.000 min
 Lab File: VN070506.D
 Acq: 5 Jan 2022 22:17

Tgt Ion: 49 Resp: 542213
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 62.3 67.8 101.8#





#29

Tetrahydrofuran

Concen: 295.563 ug/l

RT: 7.683 min Scan# 2123

Delta R.T. 0.000 min

Lab File: VN070506.D

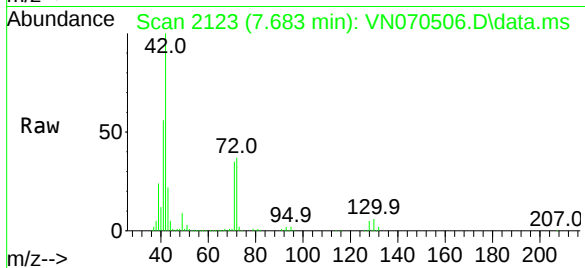
Acq: 5 Jan 2022 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 42 Resp: 187540

Ion Ratio Lower Upper

42 100

72 36.3 36.3 54.5

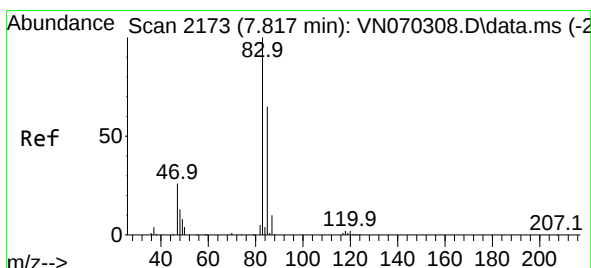
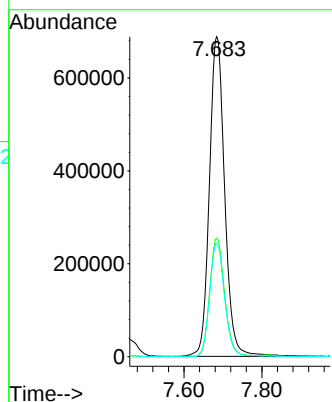
71 34.8 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/11/2022



#30

Chloroform

Concen: 51.858 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. 0.000 min

Lab File: VN070506.D

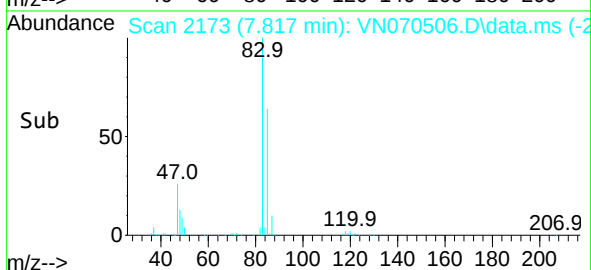
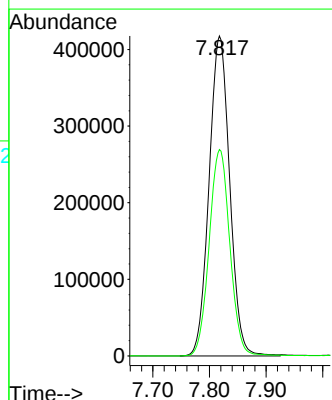
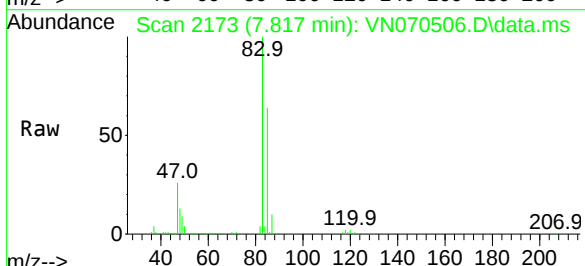
Acq: 5 Jan 2022 22:17

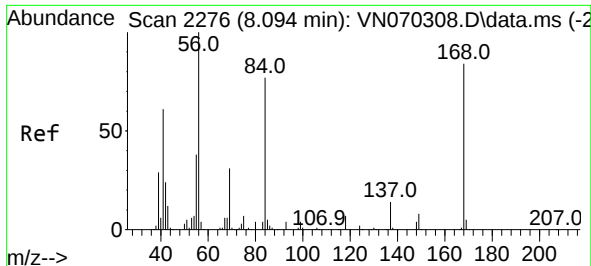
Tgt Ion: 83 Resp: 1055774

Ion Ratio Lower Upper

83 100

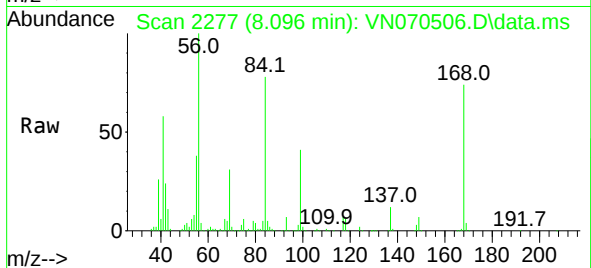
85 64.5 51.9 77.9





#31
Cyclohexane
Concen: 51.190 ug/l
RT: 8.096 min Scan# 2105
Delta R.T. 0.002 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

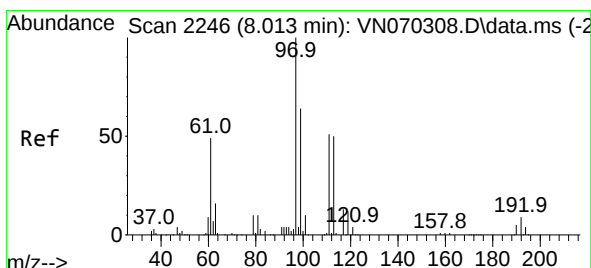
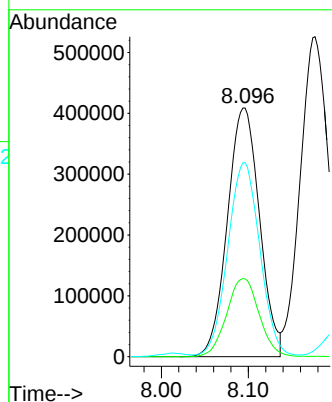
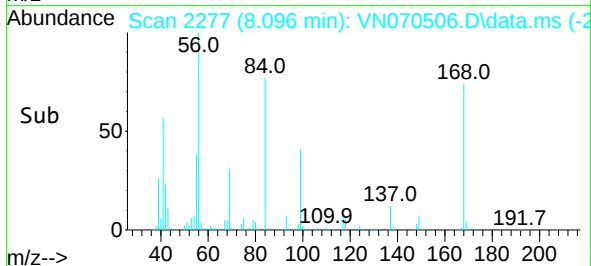
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



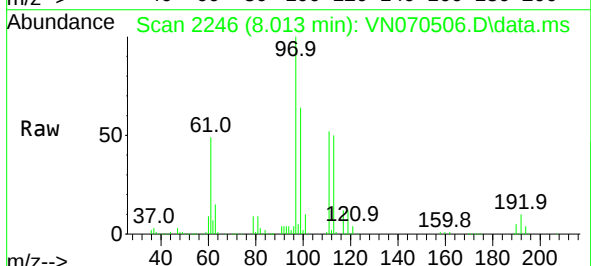
Tgt Ion: 56 Resp: 1051052
Ion Ratio Lower Upper
56 100
69 31.3 27.1 40.7
84 76.9 73.4 110.0

Manual Integrations
APPROVED

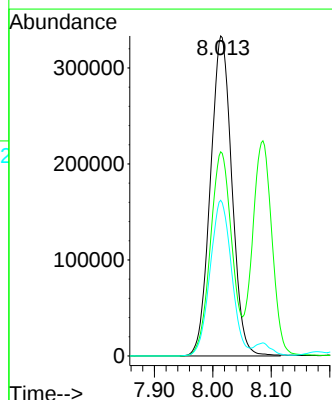
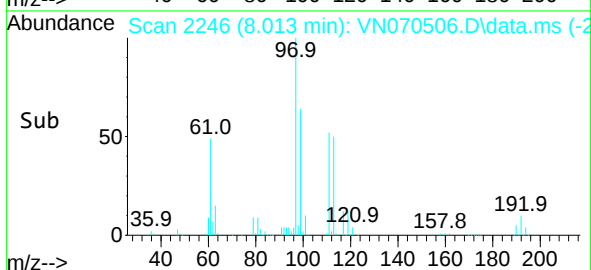
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022

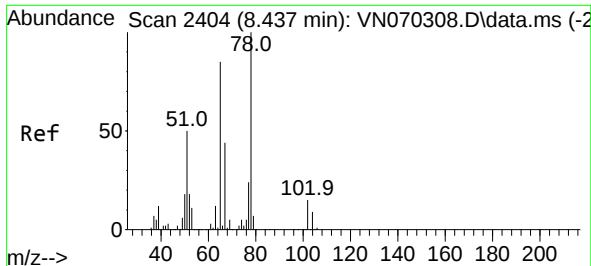


#32
1,1,1-Trichloroethane
Concen: 49.538 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17



Tgt Ion: 97 Resp: 850369
Ion Ratio Lower Upper
97 100
99 63.7 50.1 75.1
61 48.9 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 47.830 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. -0.000 min

Lab File: VN070506.D

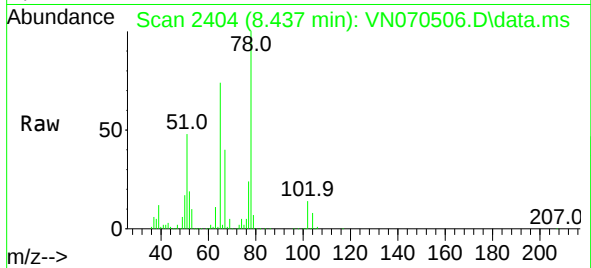
Acq: 5 Jan 2022 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 65 Resp: 62232

Ion Ratio Lower Upper

65 100

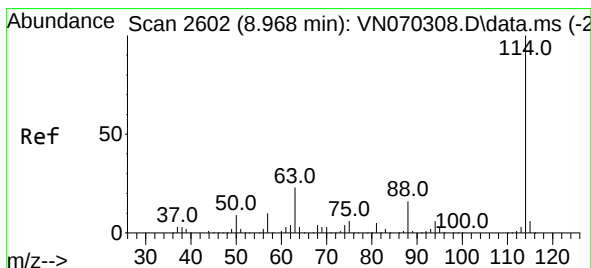
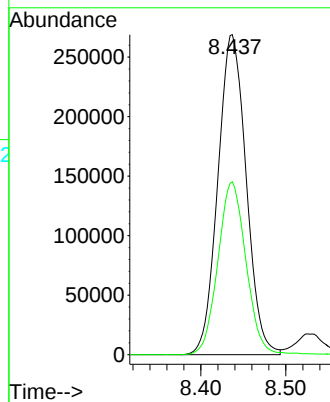
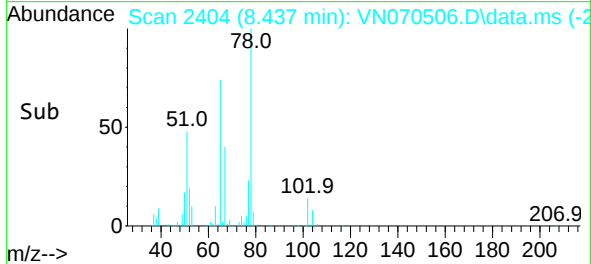
67 53.5 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/11/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070506.D

Acq: 5 Jan 2022 22:17

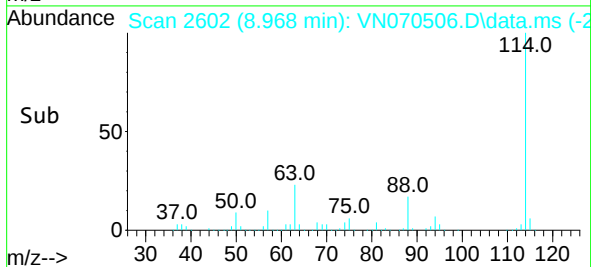
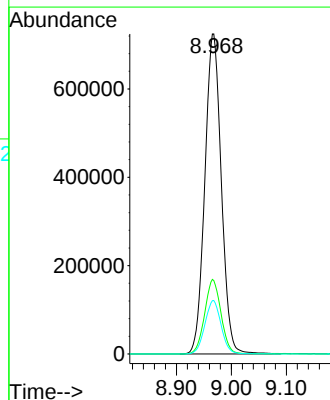
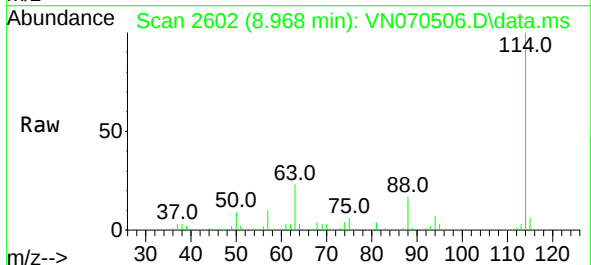
Tgt Ion:114 Resp: 1510400

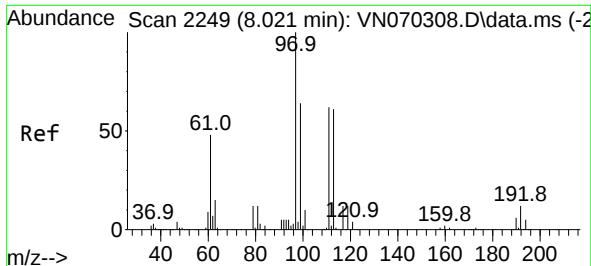
Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.8

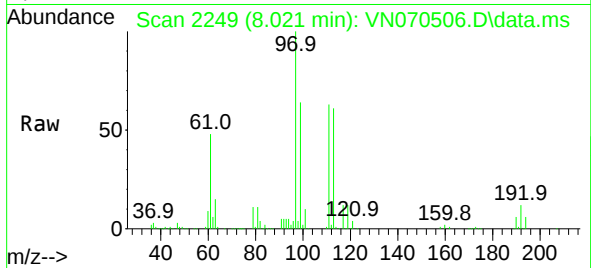
88 16.7 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.046 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

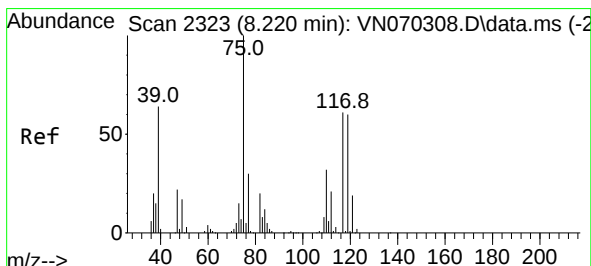
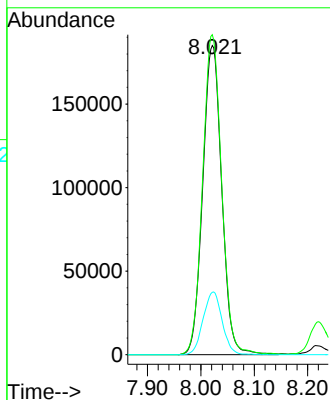
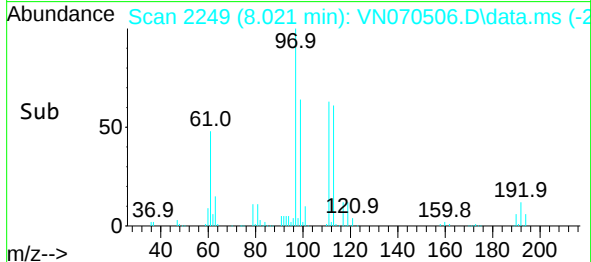
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 457350
Ion Ratio Lower Upper
113 100
111 103.4 82.2 123.2
192 20.3 16.9 25.3

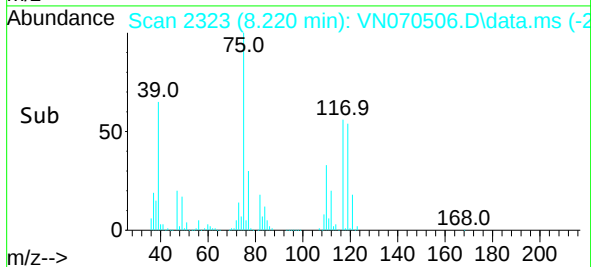
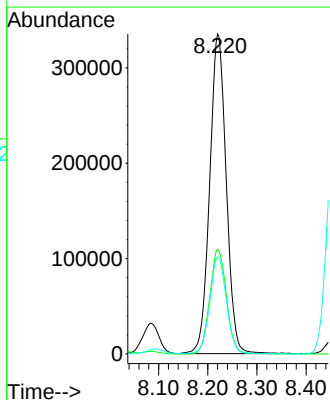
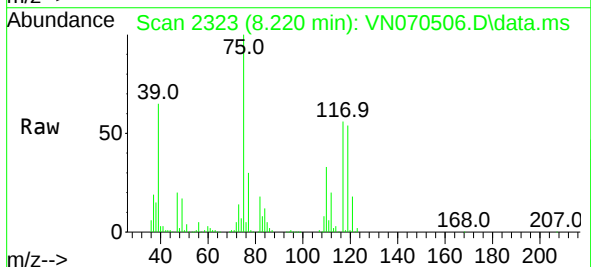
Manual Integrations
APPROVED

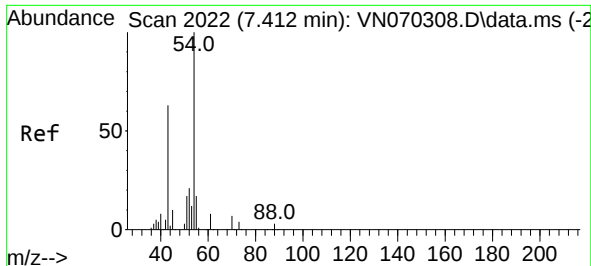
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022



#36
1,1-Dichloropropene
Concen: 51.793 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

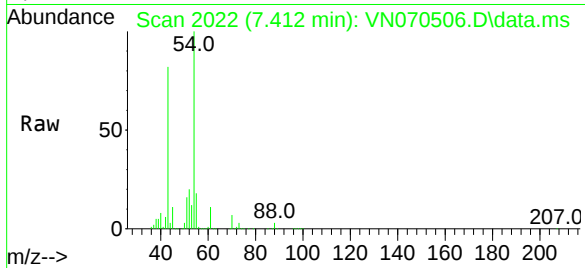
Tgt Ion: 75 Resp: 782994
Ion Ratio Lower Upper
75 100
110 32.9 18.4 55.2
77 30.5 24.4 36.6





#37
Ethyl Acetate
Concen: 54.746 ug/l
RT: 7.412 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

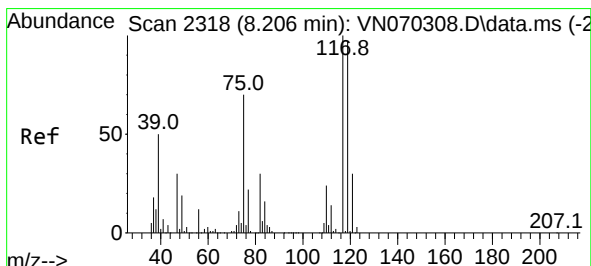
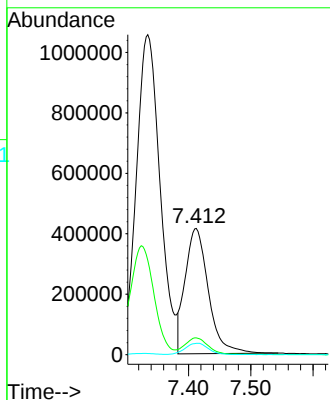
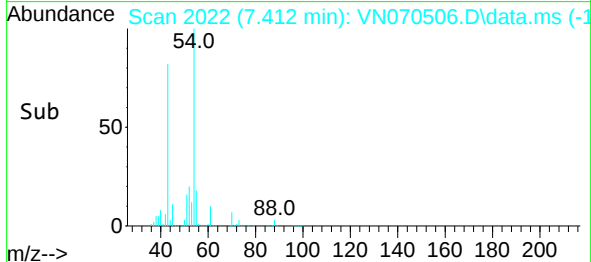
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 1072794
Ion Ratio Lower Upper
43 100
61 12.7 11.5 17.3
70 8.8 7.9 11.9

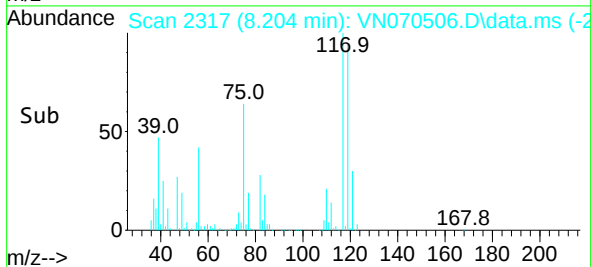
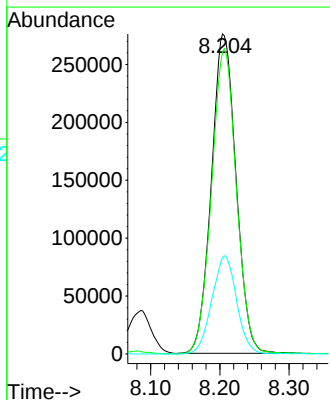
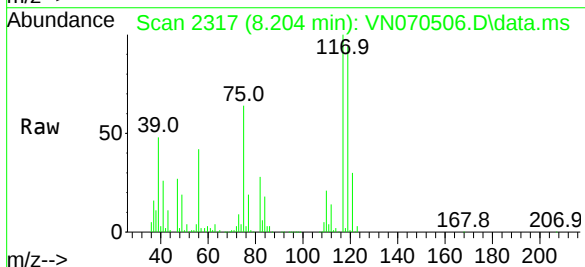
Manual Integrations
APPROVED

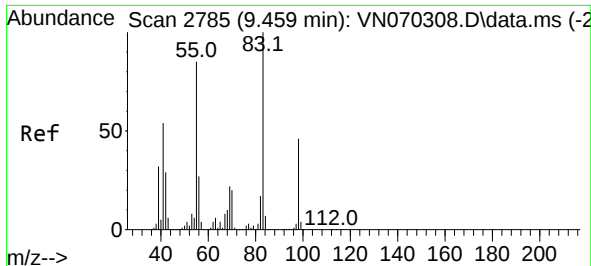
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022



#38
Carbon Tetrachloride
Concen: 47.261 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.002 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

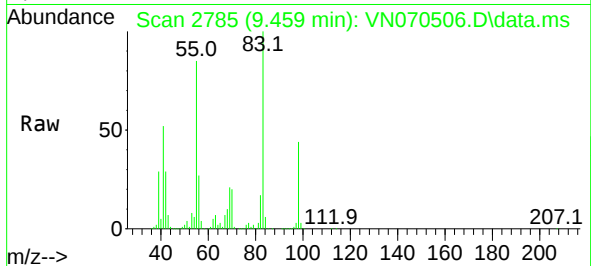
Tgt Ion:117 Resp: 682251
Ion Ratio Lower Upper
117 100
119 94.4 76.1 114.1
121 30.1 24.2 36.2





#39
Methylcyclohexane
Concen: 51.716 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

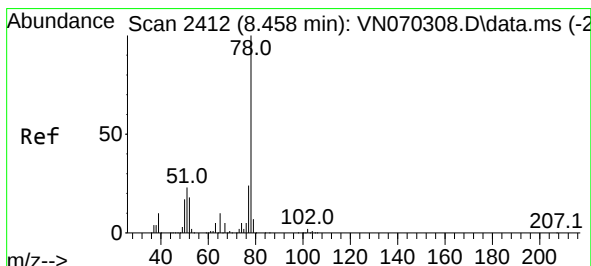
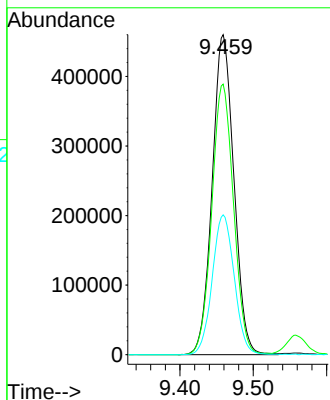
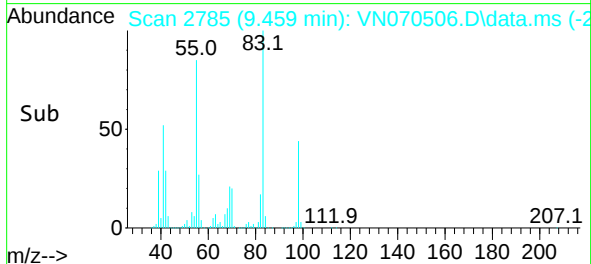
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



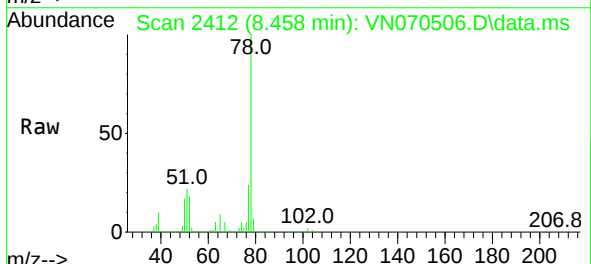
Tgt Ion: 83 Resp: 94652
Ion Ratio Lower Upper
83 100
55 84.6 58.1 87.1
98 43.7 38.4 57.6

Manual Integrations
APPROVED

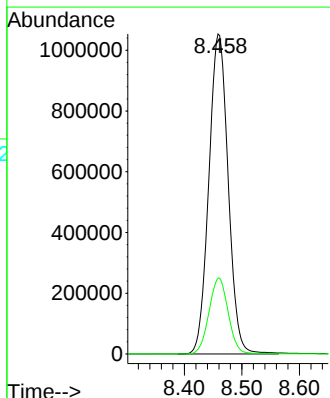
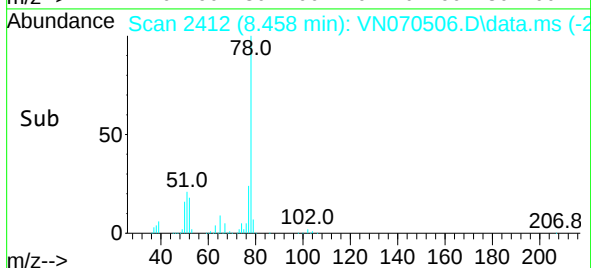
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022

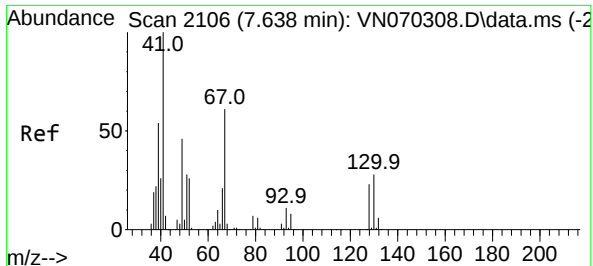


#40
Benzene
Concen: 53.067 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. 0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17



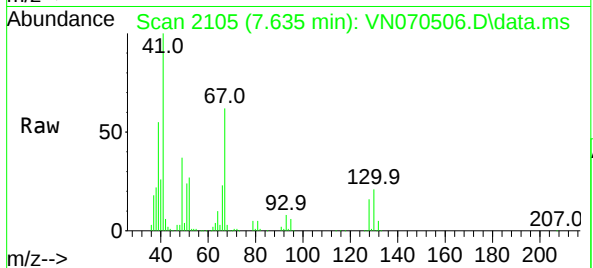
Tgt Ion: 78 Resp: 2459551
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8





#41
Methacrylonitrile
Concen: 58.653 ug/l
RT: 7.635 min Scan# 2106
Delta R.T. -0.003 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

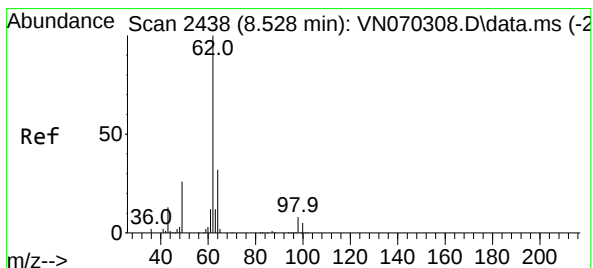
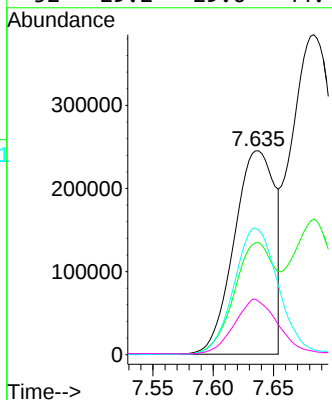
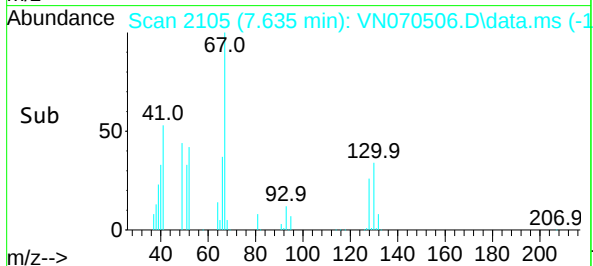
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 574880
Ion Ratio Lower Upper
41 100
39 56.2 48.1 72.1
67 68.2 68.3 102.5
52 29.2 29.6 44.4#

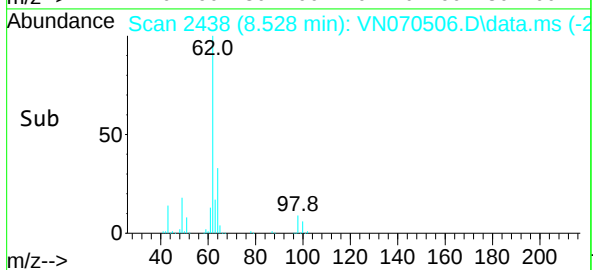
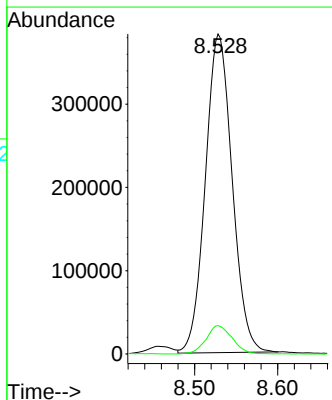
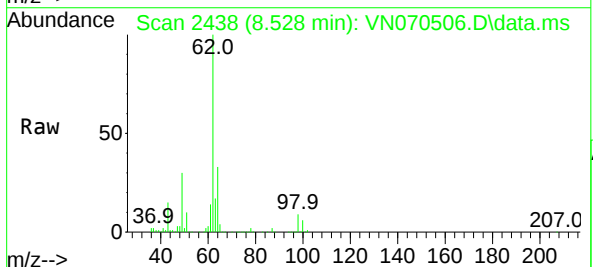
Manual Integrations
APPROVED

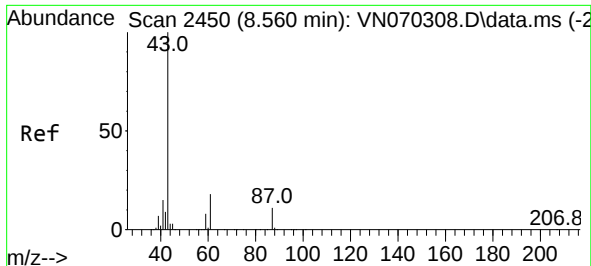
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022



#42
1,2-Dichloroethane
Concen: 49.328 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

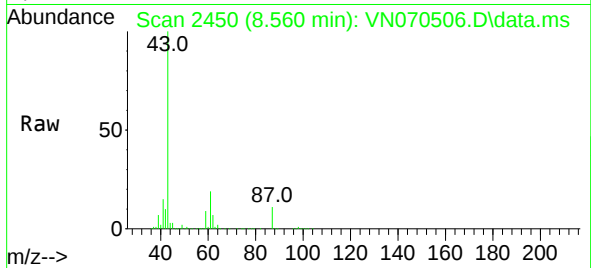
Tgt Ion: 62 Resp: 859343
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.6





#43
Isopropyl Acetate
Concen: 54.587 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

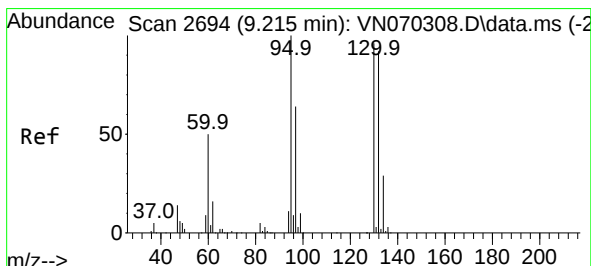
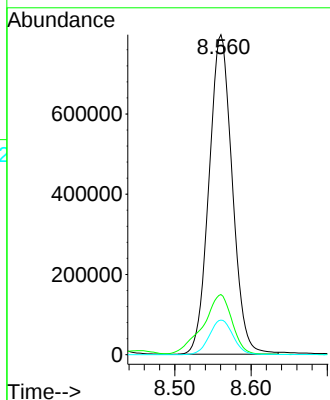
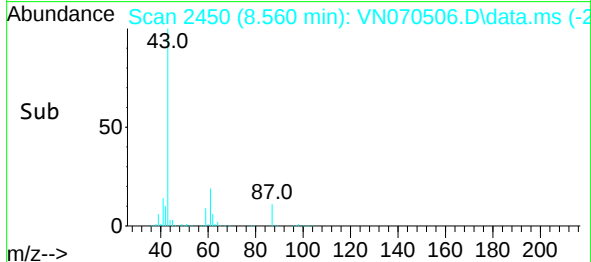
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 168648
Ion Ratio Lower Upper
43 100
61 23.2 20.4 30.6
87 11.1 11.2 16.8

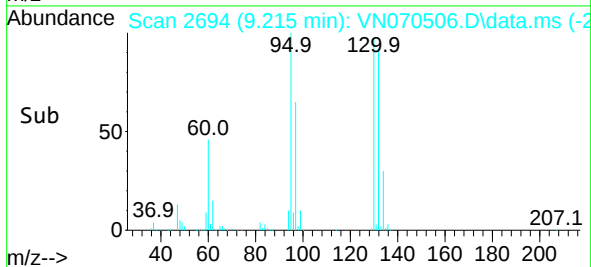
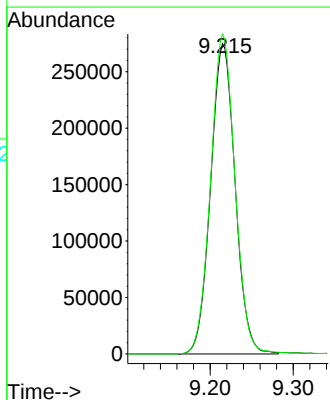
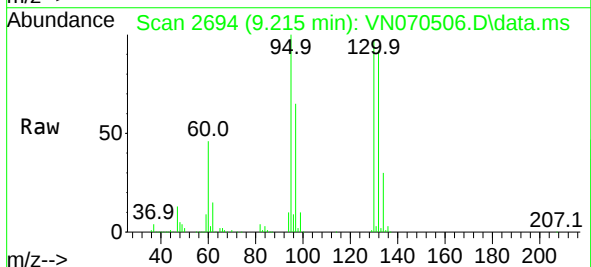
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022



#44
Trichloroethene
Concen: 51.098 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

Tgt Ion:130 Resp: 562728
Ion Ratio Lower Upper
130 100
95 103.1 0.0 191.2





#45

1,2-Dichloropropane

Concen: 55.210 ug/l

RT: 9.488 min Scan# 2796

Delta R.T. 0.000 min

Lab File: VN070506.D

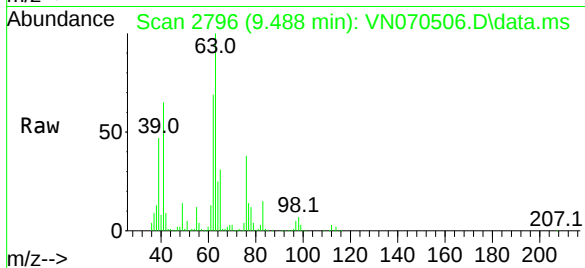
Acq: 5 Jan 2022 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion: 63 Resp: 68896

Ion Ratio Lower Upper

63 100

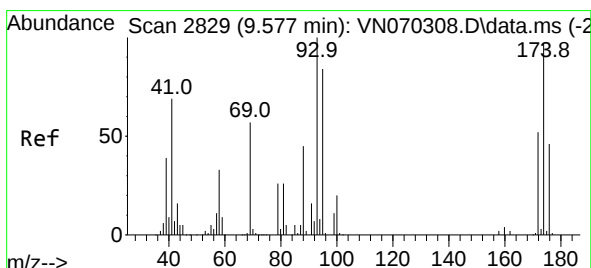
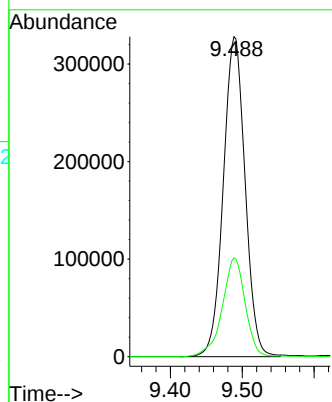
65 30.9 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/11/2022



#46

Dibromomethane

Concen: 52.664 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. -0.000 min

Lab File: VN070506.D

Acq: 5 Jan 2022 22:17

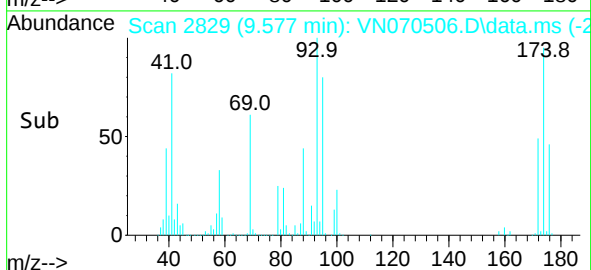
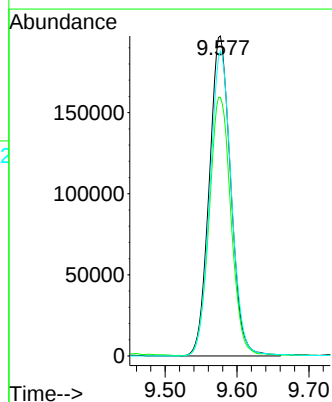
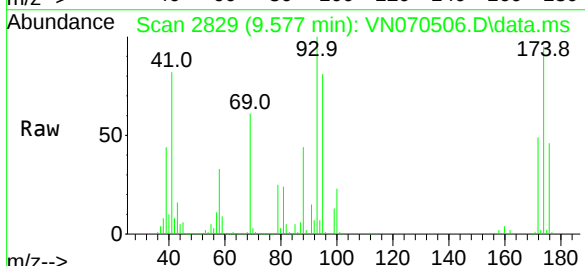
Tgt Ion: 93 Resp: 408655

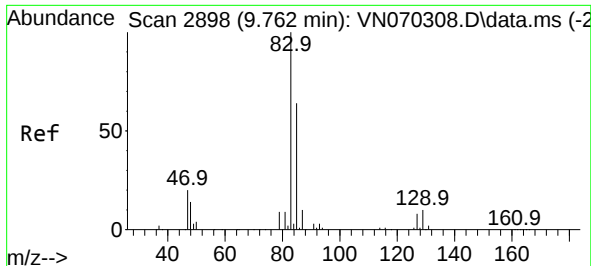
Ion Ratio Lower Upper

93 100

95 81.8 65.9 98.9

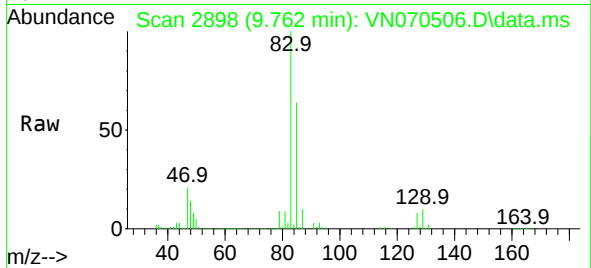
174 95.2 84.6 127.0





#47
Bromodichloromethane
Concen: 52.457 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

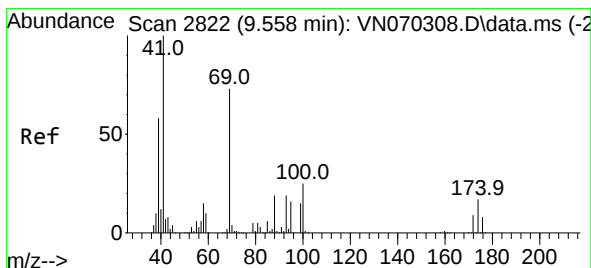
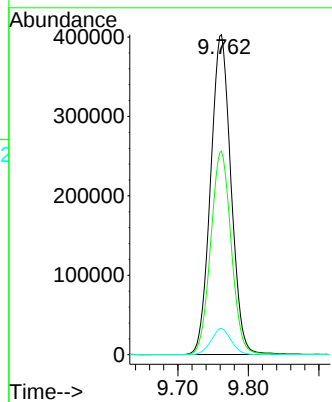
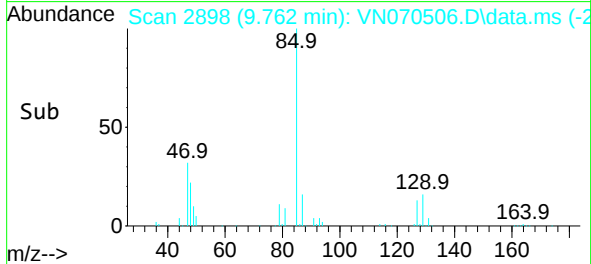
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 808249
Ion Ratio Lower Upper
83 100
85 63.6 50.9 76.3
127 8.2 7.1 10.7

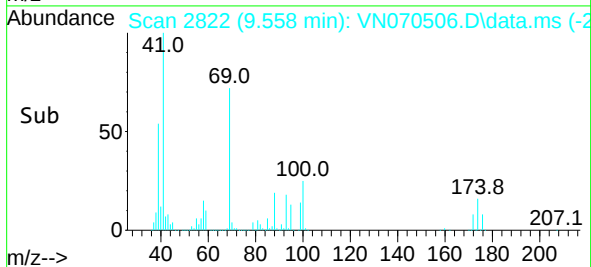
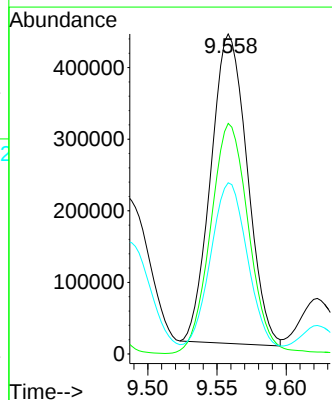
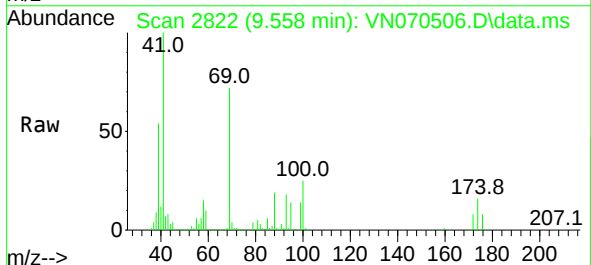
Manual Integrations
APPROVED

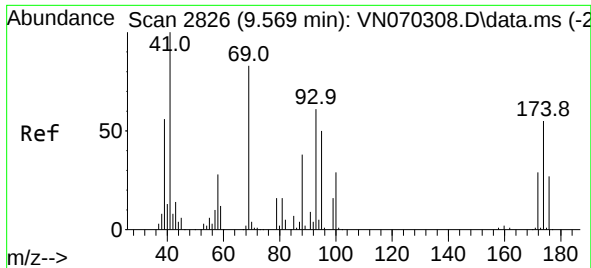
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022



#48
Methyl methacrylate
Concen: 53.616 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. 0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

Tgt Ion: 41 Resp: 790119
Ion Ratio Lower Upper
41 100
69 78.2 72.4 108.6
39 57.8 58.4 87.6#





#49

1,4-Dioxane

Concen: 1074.541 ug/l

RT: 9.569 min Scan# 2826

Delta R.T. -0.000 min

Lab File: VN070506.D

Acq: 5 Jan 2022 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 88 Resp: 231799

Ion Ratio Lower Upper

88 100

43 34.8 23.4 35.2

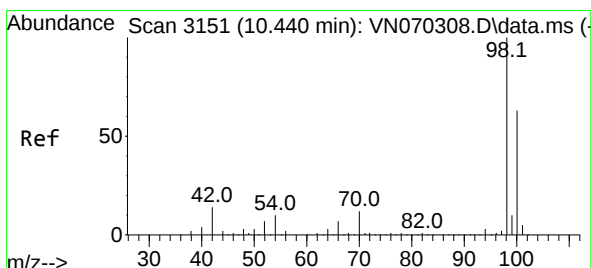
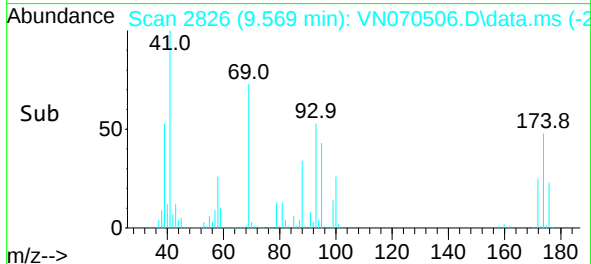
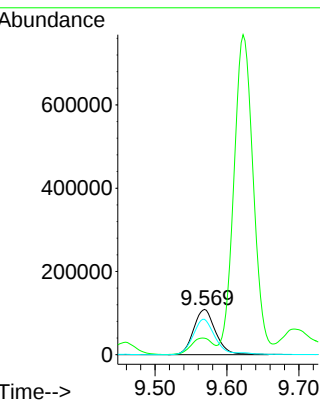
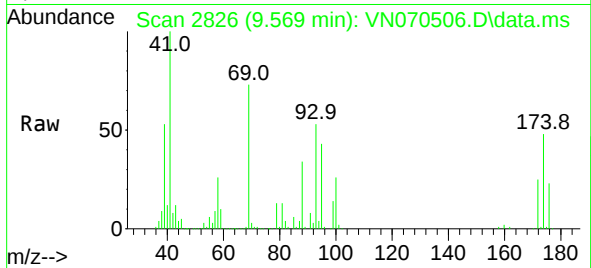
58 80.0 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/11/2022



#50

Toluene-d8

Concen: 50.116 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VN070506.D

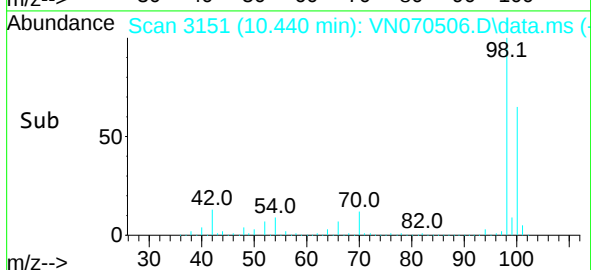
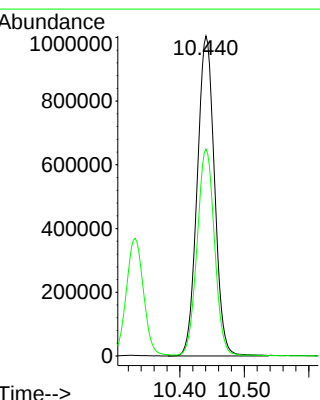
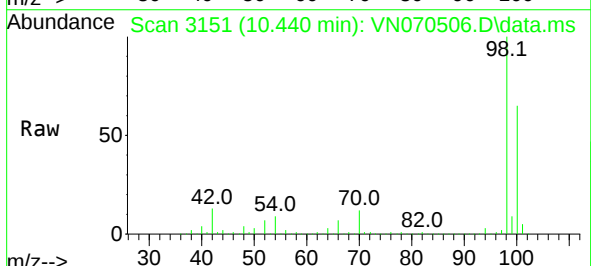
Acq: 5 Jan 2022 22:17

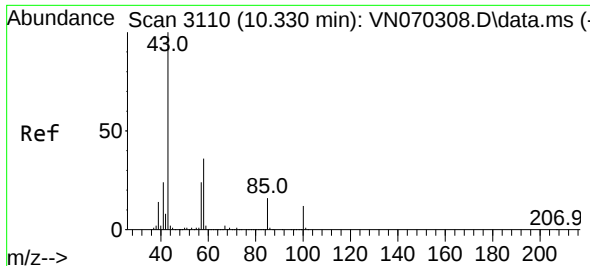
Tgt Ion: 98 Resp: 1870949

Ion Ratio Lower Upper

98 100

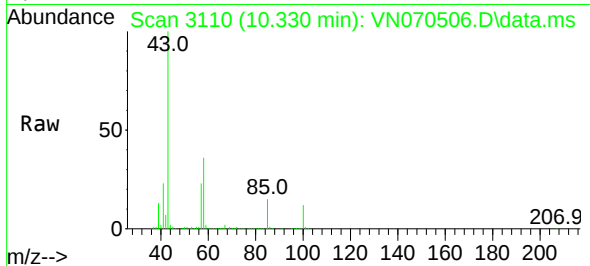
100 64.5 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 294.190 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

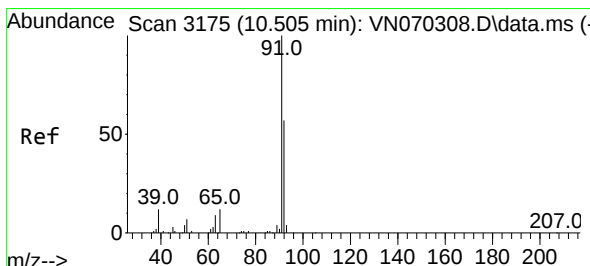
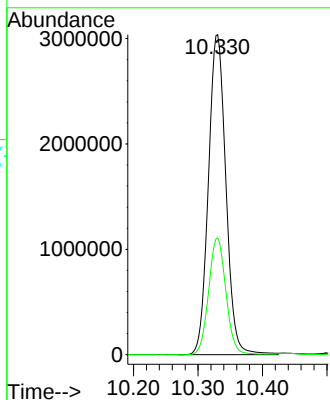
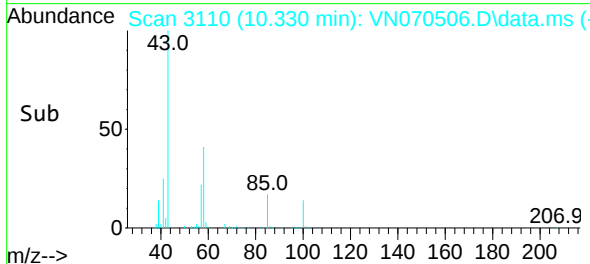
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 571122
Ion Ratio Lower Upper
43 100
58 36.2 30.4 45.6

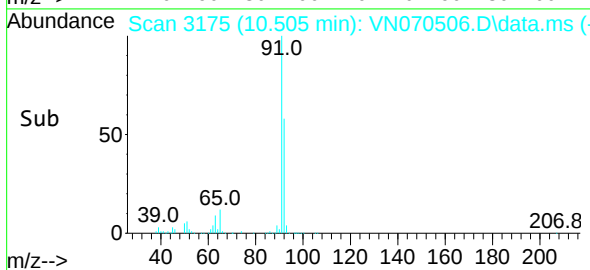
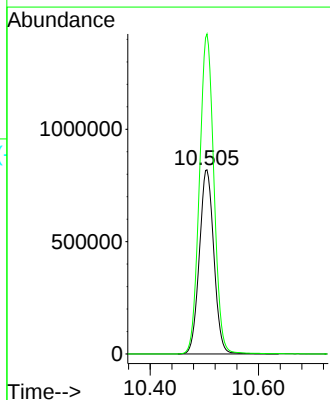
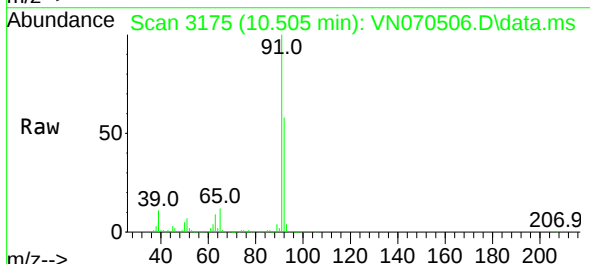
Manual Integrations
APPROVED

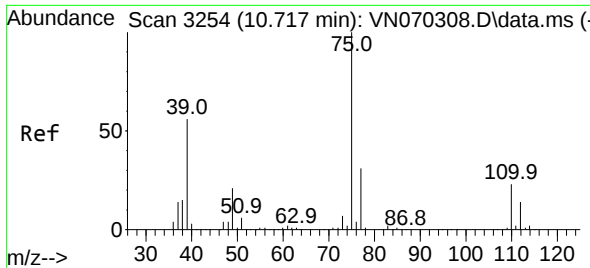
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022



#52
Toluene
Concen: 54.309 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

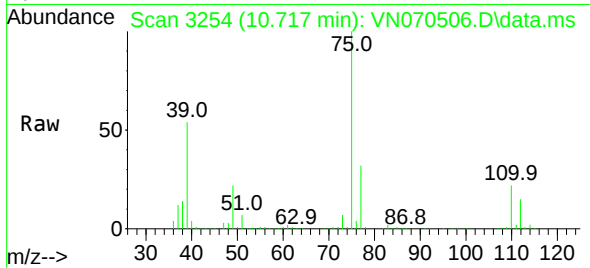
Tgt Ion: 92 Resp: 1523579
Ion Ratio Lower Upper
92 100
91 173.3 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 52.472 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

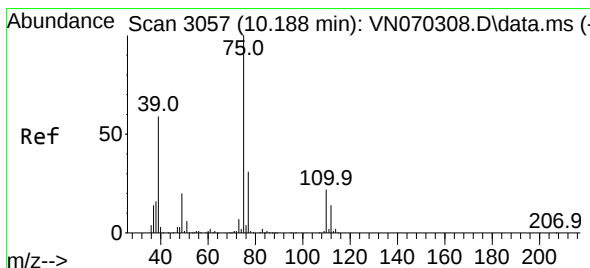
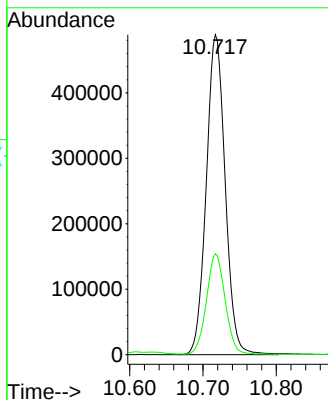
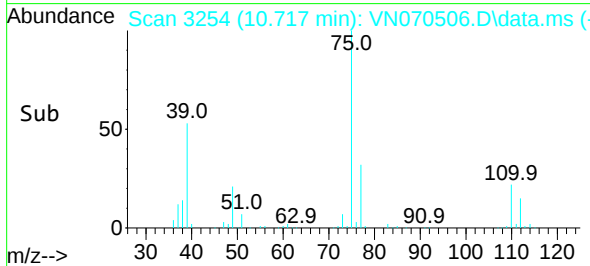
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



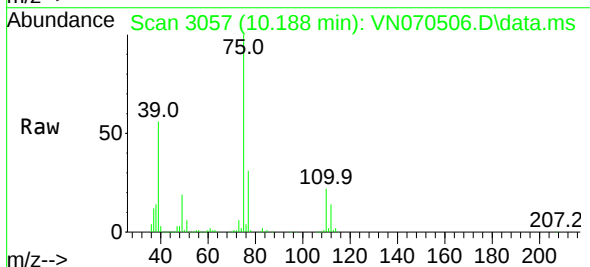
Tgt Ion: 75 Resp: 875235
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4

Manual Integrations
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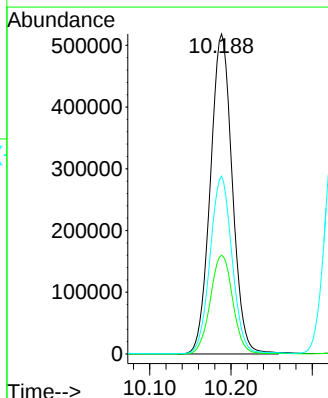
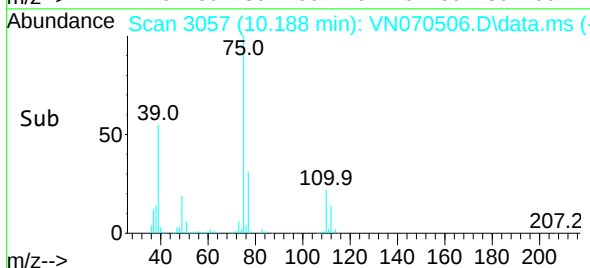
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022

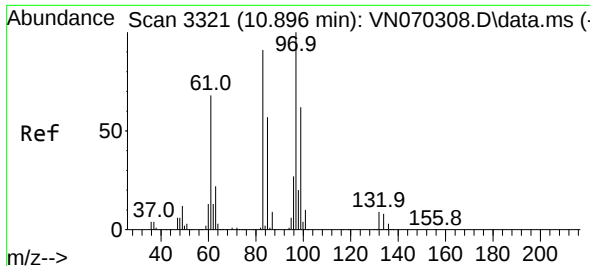


#54
cis-1,3-Dichloropropene
Concen: 53.757 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17



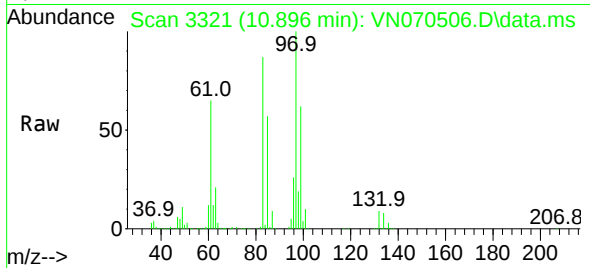
Tgt Ion: 75 Resp: 969972
Ion Ratio Lower Upper
75 100
77 30.9 26.4 39.6
39 55.4 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 54.451 ug/l
RT: 10.896 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

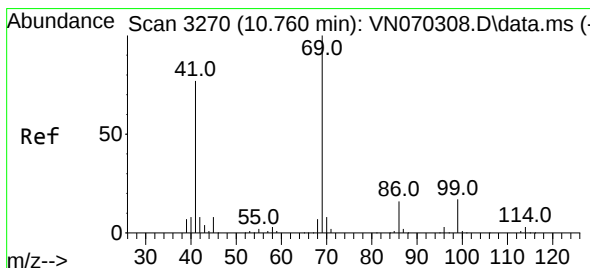
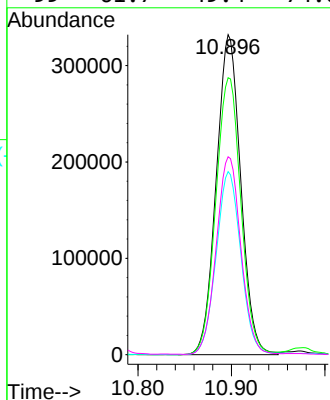
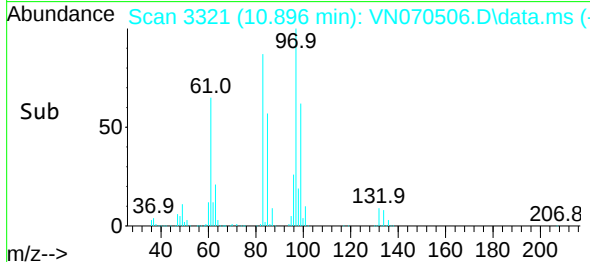
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



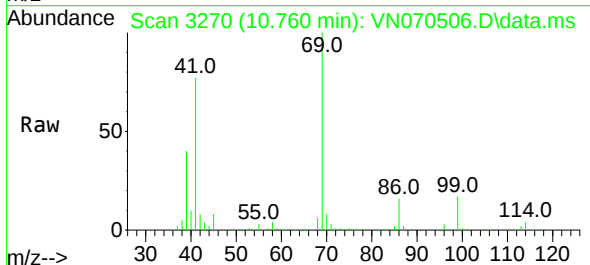
Tgt Ion: 97 Resp: 604400
Ion Ratio Lower Upper
97 100
83 86.6 67.8 101.6
85 57.2 45.4 68.2
99 61.7 49.4 74.0

Manual Integrations
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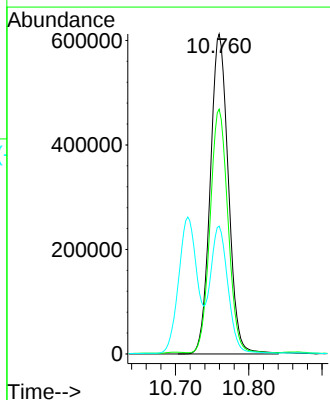
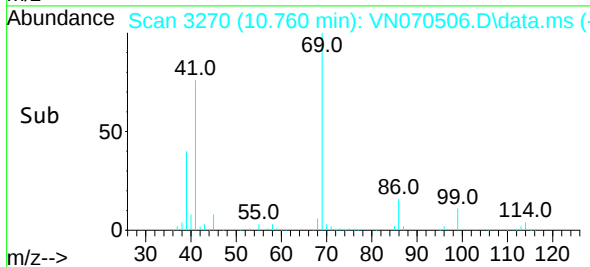
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022

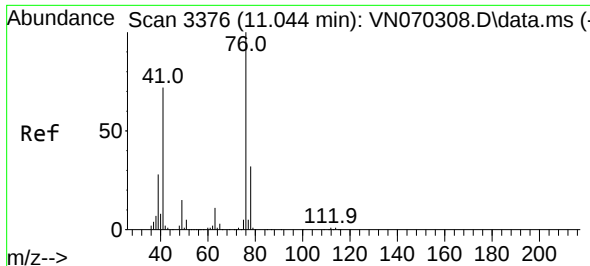


#56
Ethyl methacrylate
Concen: 57.179 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17



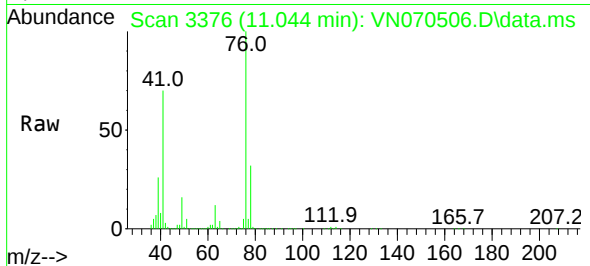
Tgt Ion: 69 Resp: 1048703
Ion Ratio Lower Upper
69 100
41 75.3 51.4 77.0
39 37.6 34.6 52.0





#57
1,3-Dichloropropane
Concen: 54.891 ug/l
RT: 11.044 min Scan# 3376
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

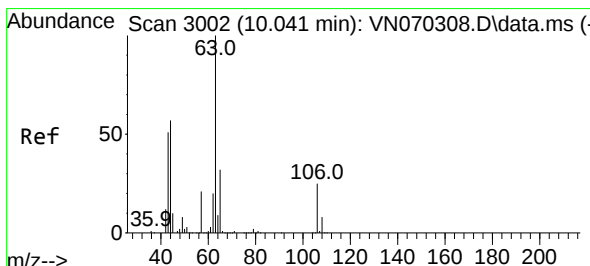
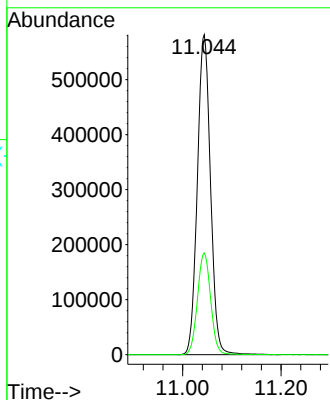
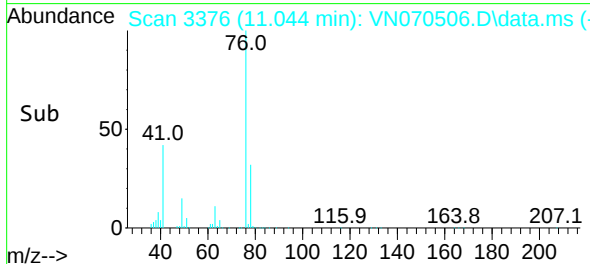
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 1077660
Ion Ratio Lower Upper
76 100
78 32.0 25.7 38.5

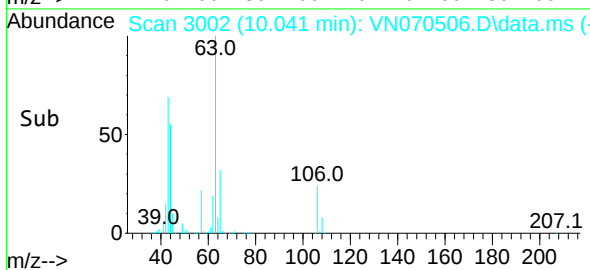
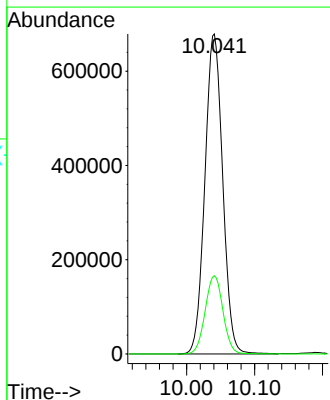
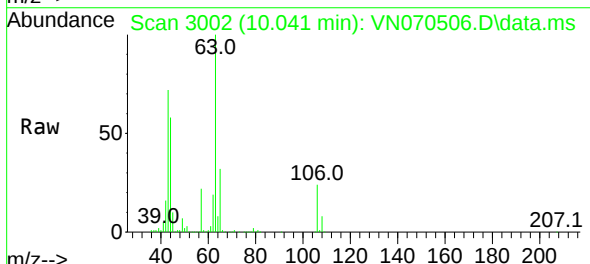
Manual Integrations
APPROVED

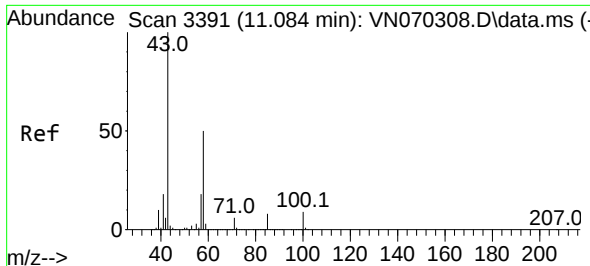
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022



#58
2-Chloroethyl Vinyl ether
Concen: 262.382 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

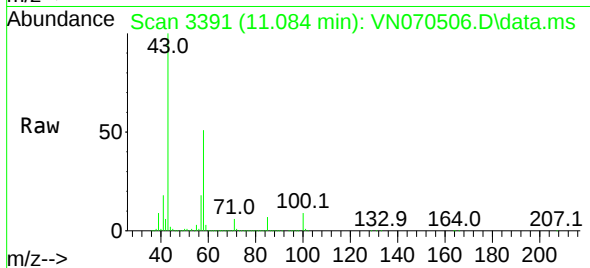
Tgt Ion: 63 Resp: 1233833
Ion Ratio Lower Upper
63 100
106 24.5 23.9 35.9





#59
2-Hexanone
Concen: 286.491 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

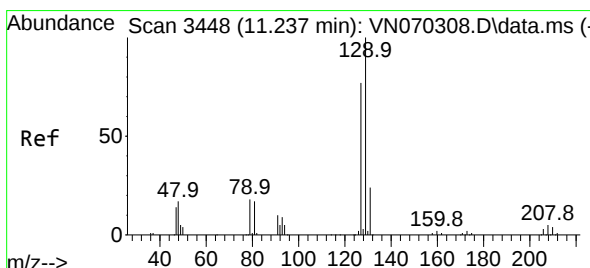
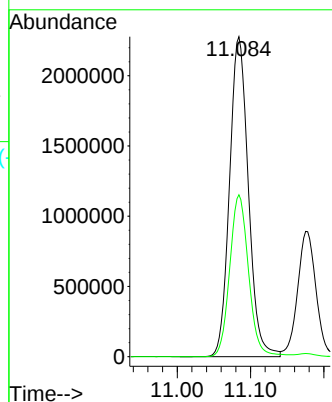
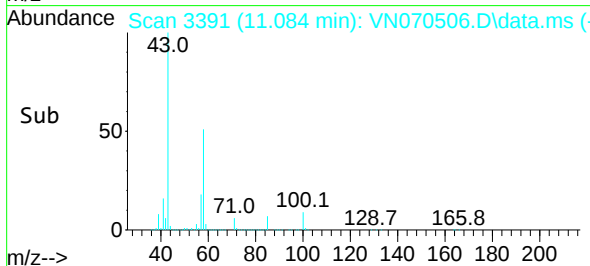
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 405589
Ion Ratio Lower Upper
43 100
58 50.8 26.9 80.7

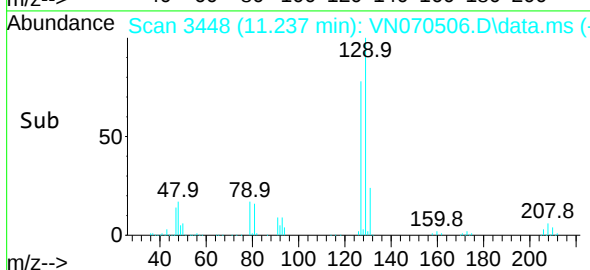
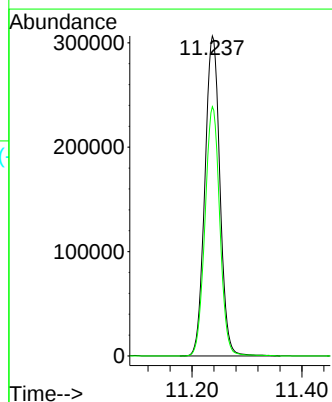
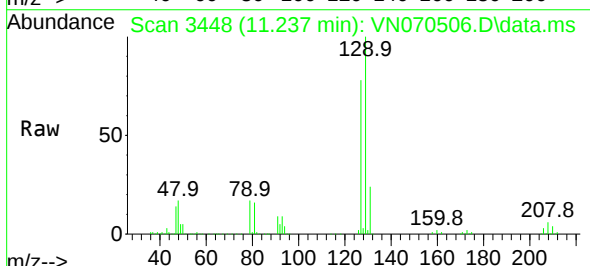
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022



#60
Dibromochloromethane
Concen: 53.659 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

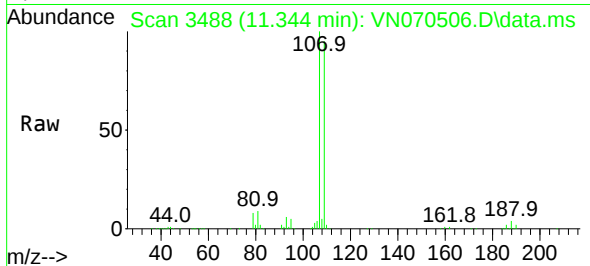
Tgt Ion:129 Resp: 581126
Ion Ratio Lower Upper
129 100
127 77.0 38.6 116.0





#61
1,2-Dibromoethane
Concen: 53.818 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. 0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

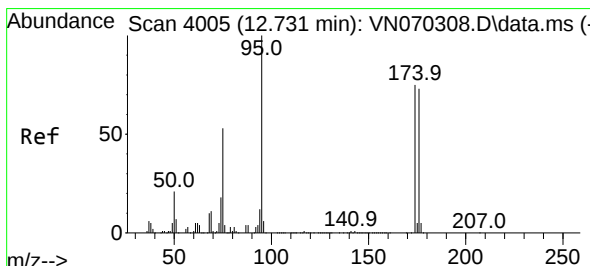
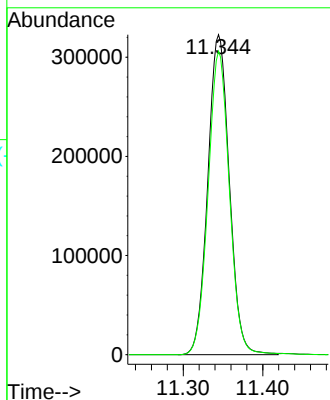
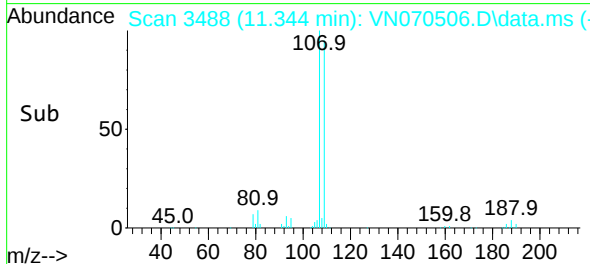
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 60656
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5

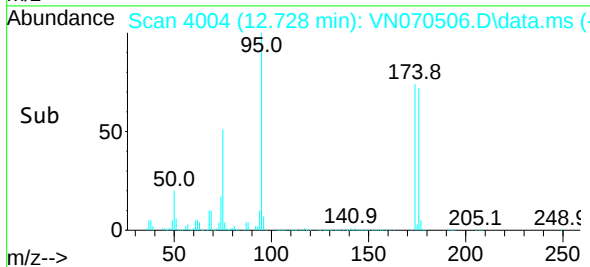
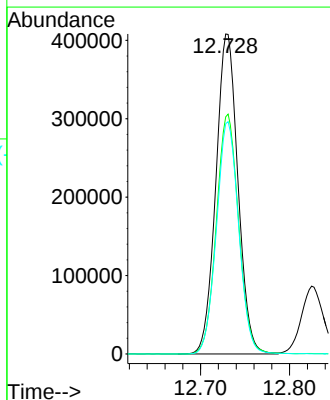
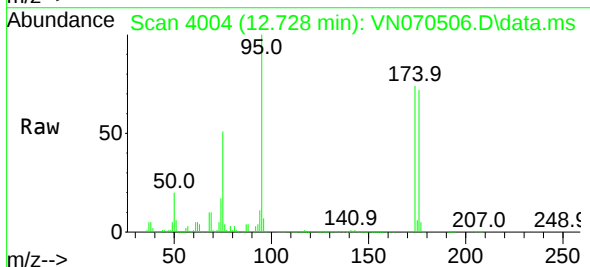
Manual Integrations
APPROVED

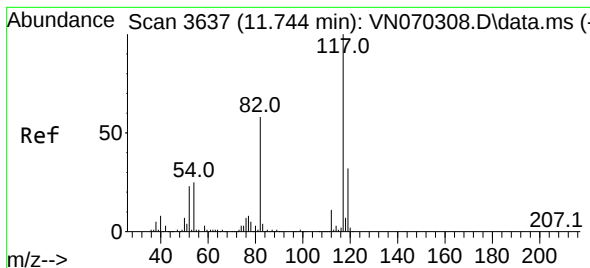
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022



#62
4-Bromofluorobenzene
Concen: 52.152 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

Tgt Ion: 95 Resp: 703200
Ion Ratio Lower Upper
95 100
174 75.9 0.0 187.2
176 73.0 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3637

Delta R.T. -0.000 min

Lab File: VN070506.D

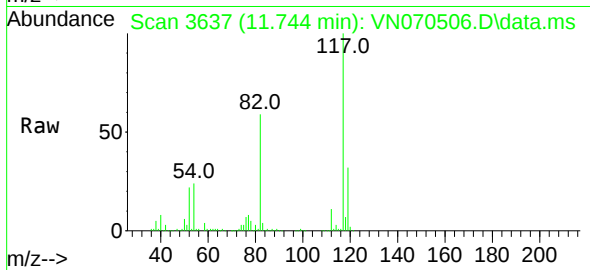
Acq: 5 Jan 2022 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



Tgt Ion:117 Resp: 142856

Ion Ratio Lower Upper

117 100

82 59.1 42.4 63.6

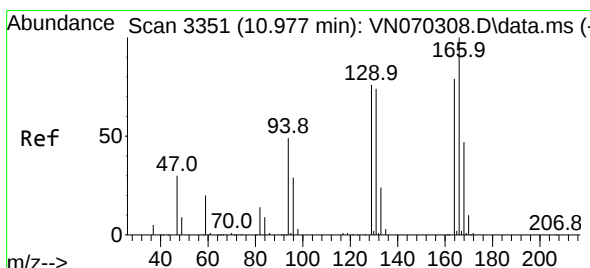
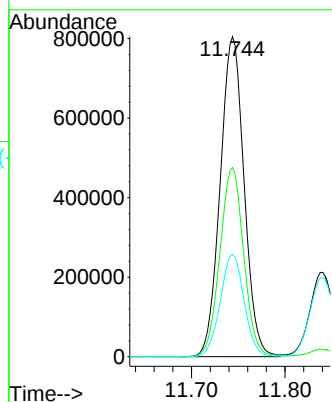
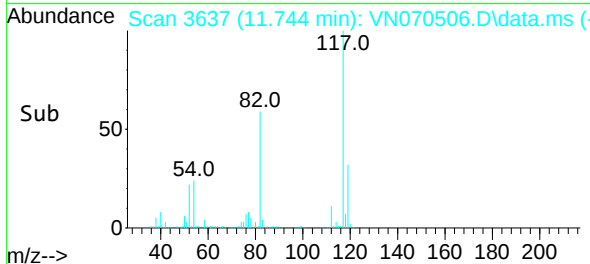
119 31.9 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/11/2022



#64

Tetrachloroethene

Concen: 49.069 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.000 min

Lab File: VN070506.D

Acq: 5 Jan 2022 22:17

Tgt Ion:164 Resp: 507606

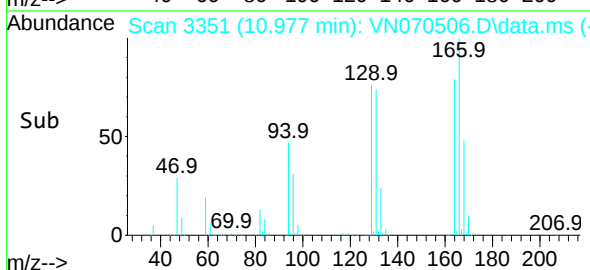
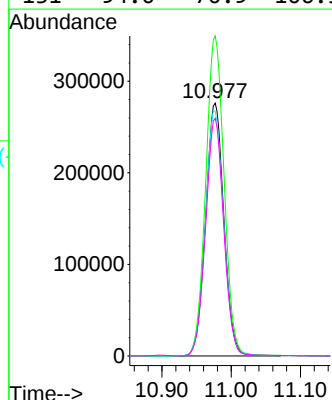
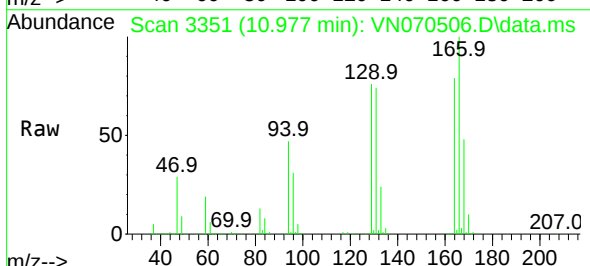
Ion Ratio Lower Upper

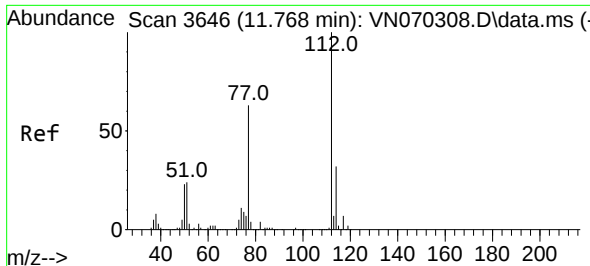
164 100

166 126.6 101.9 152.9

129 96.8 72.0 108.0

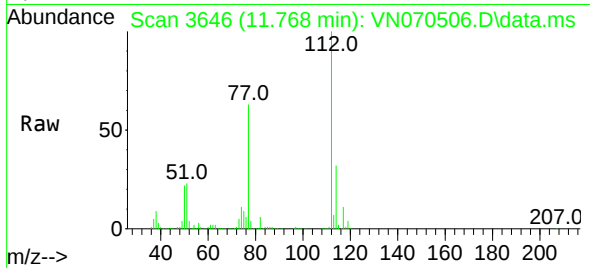
131 94.0 70.9 106.3





#65
Chlorobenzene
Concen: 51.904 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

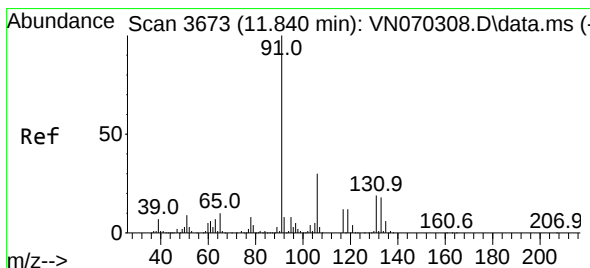
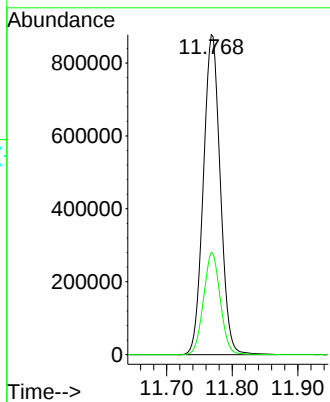
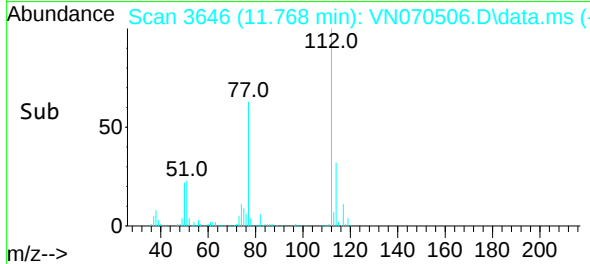
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



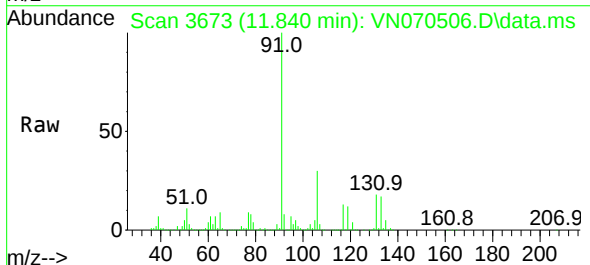
Tgt Ion:112 Resp: 157326
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

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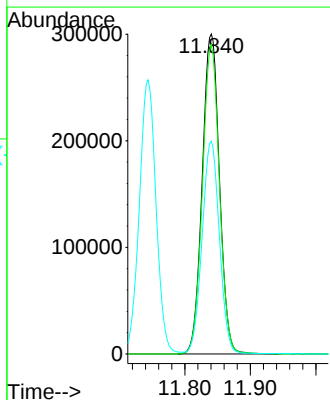
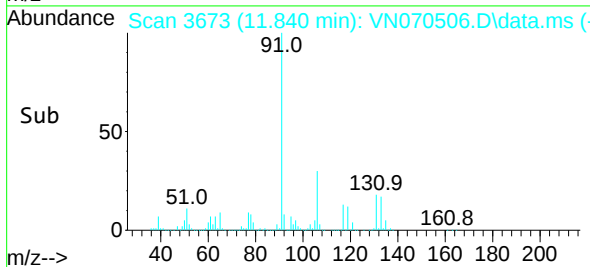
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022

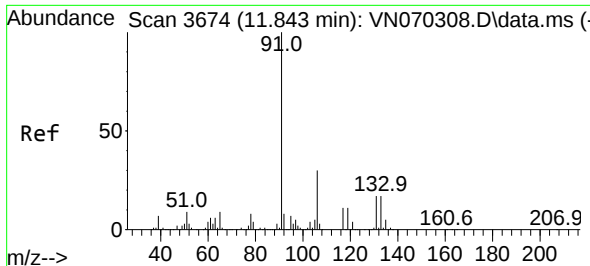


#66
1,1,1,2-Tetrachloroethane
Concen: 50.583 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. 0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17



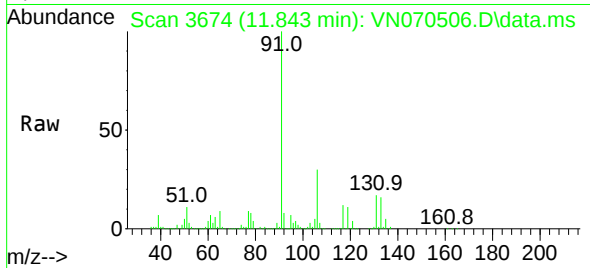
Tgt Ion:131 Resp: 547353
Ion Ratio Lower Upper
131 100
133 95.1 47.9 143.7
119 66.7 32.1 96.5





#67
Ethyl Benzene
Concen: 53.378 ug/l
RT: 11.843 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

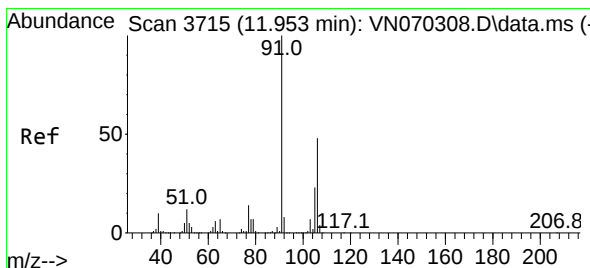
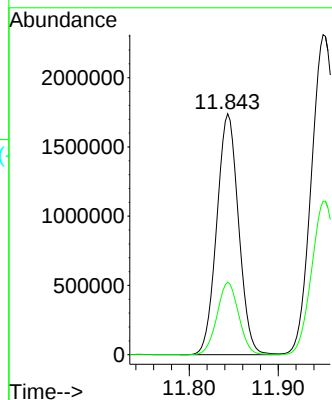
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 2964460
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5

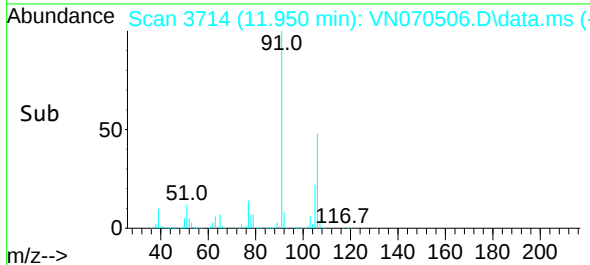
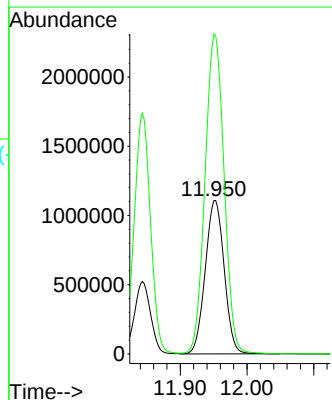
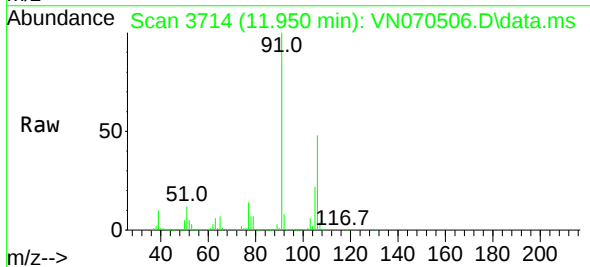
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022



#68
m/p-Xylenes
Concen: 107.920 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

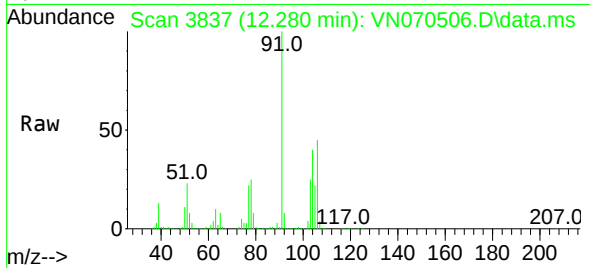
Tgt Ion:106 Resp: 2181674
Ion Ratio Lower Upper
106 100
91 210.1 160.6 240.8





#69
o-Xylene
Concen: 54.594 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

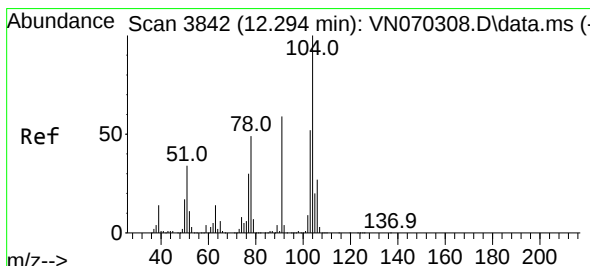
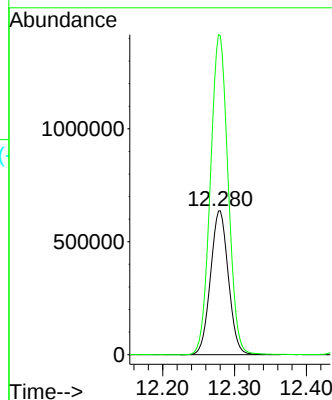
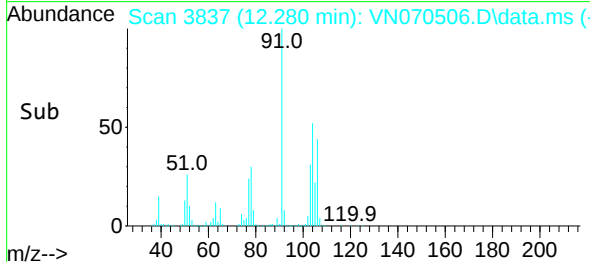
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 1097769
Ion Ratio Lower Upper
106 100
91 221.4 105.8 317.3

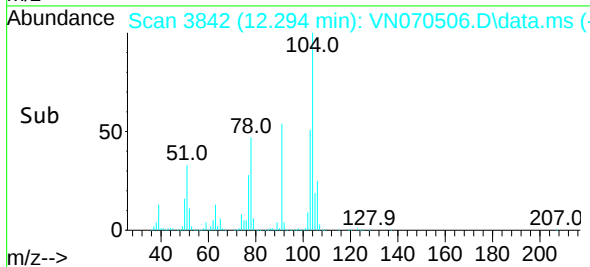
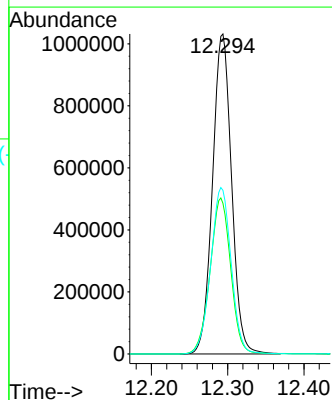
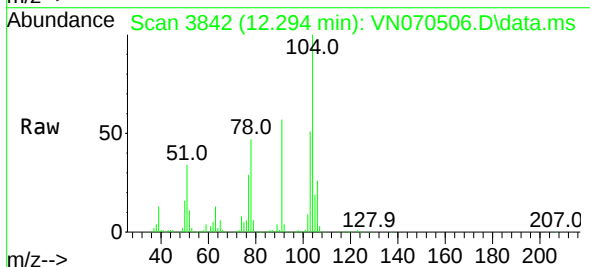
Manual Integrations
APPROVED

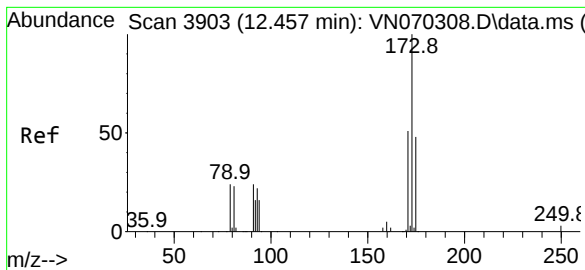
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022



#70
Styrene
Concen: 56.301 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

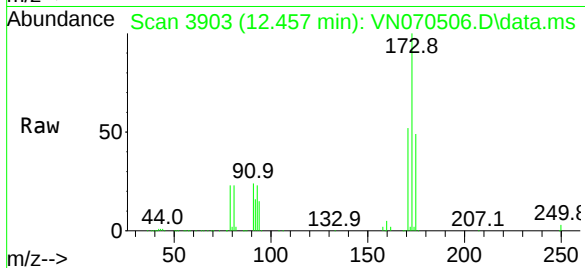
Tgt Ion:104 Resp: 1791781
Ion Ratio Lower Upper
104 100
78 52.7 38.7 58.1
103 55.9 45.0 67.6





#71
Bromoform
Concen: 53.694 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. 0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

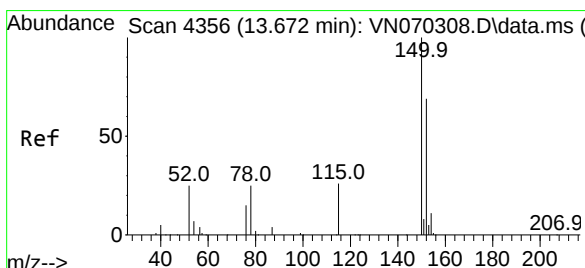
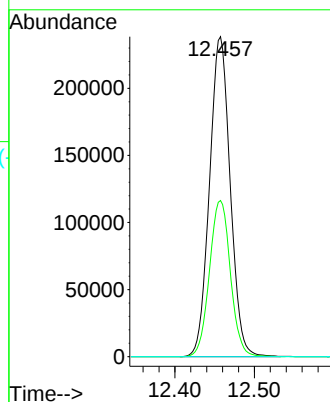
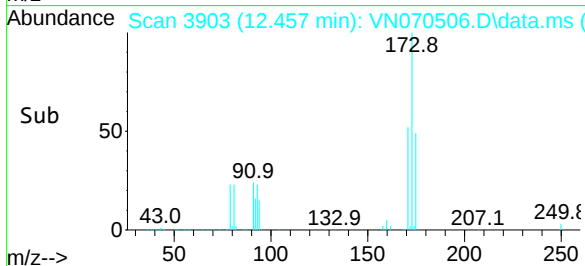
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



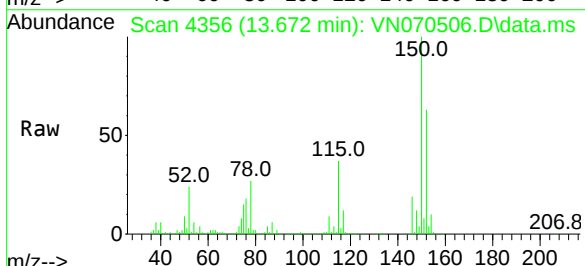
Tgt Ion:173 Resp: 431210
Ion Ratio Lower Upper
173 100
175 49.4 24.2 72.6
254 0.0 0.0 0.0

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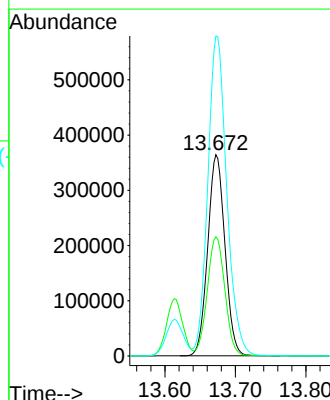
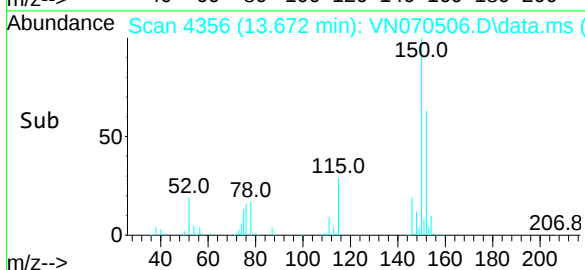
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022

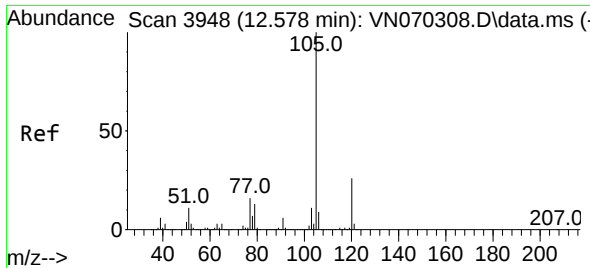


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17



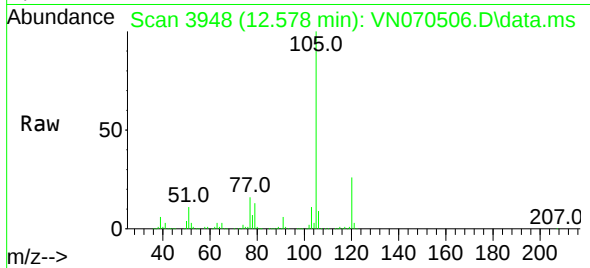
Tgt Ion:152 Resp: 618453
Ion Ratio Lower Upper
152 100
115 60.1 27.5 82.5
150 174.9 0.0 344.4





#73
Isopropylbenzene
Concen: 49.719 ug/l
RT: 12.578 min Scan# 3948
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

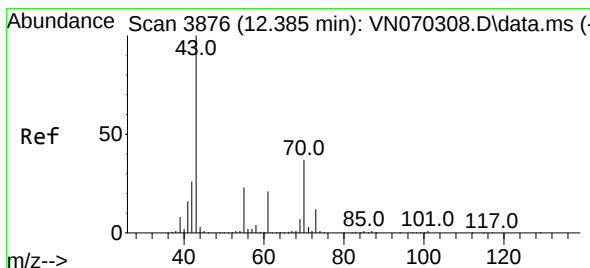
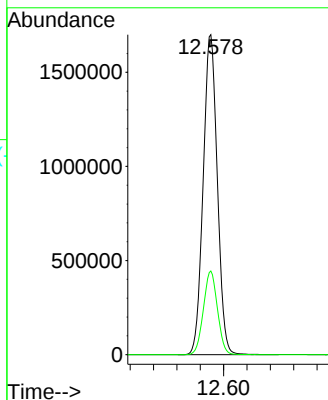
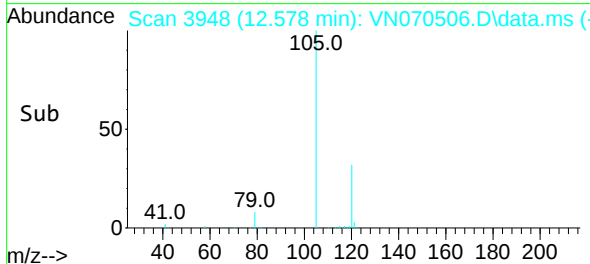
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



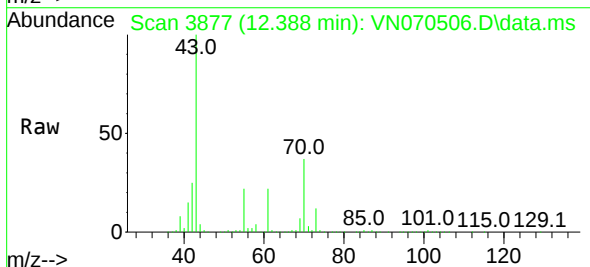
Tgt Ion:105 Resp: 2855479
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1

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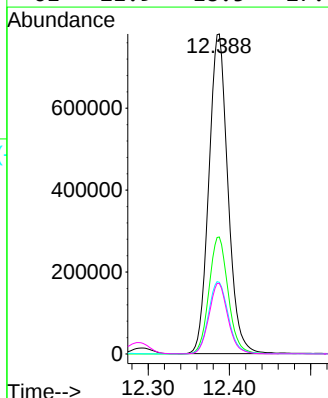
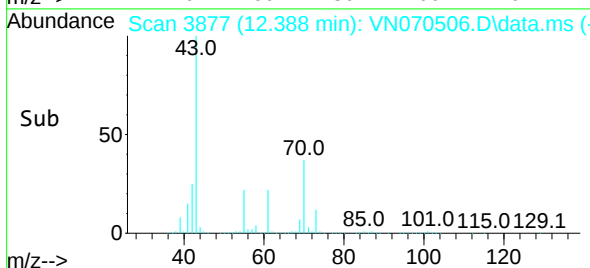
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022

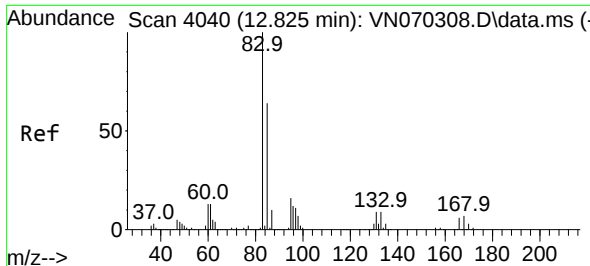


#74
N-ethyl acetate
Concen: 52.681 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17



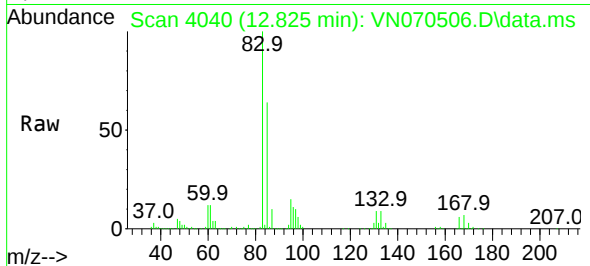
Tgt Ion: 43 Resp: 1272165
Ion Ratio Lower Upper
43 100
70 37.0 33.4 50.0
55 23.4 19.3 28.9
61 21.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 52.005 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

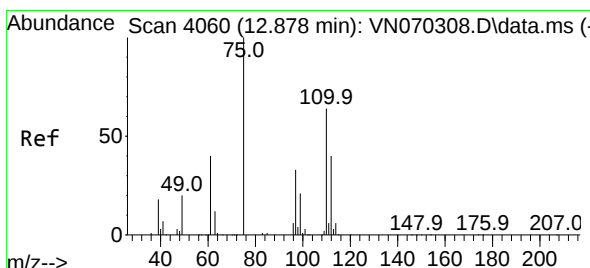
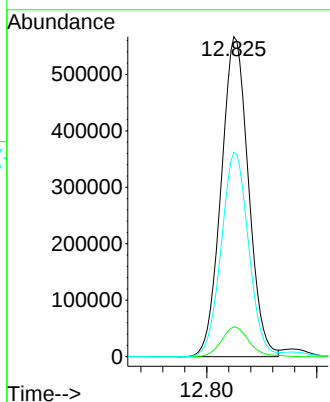
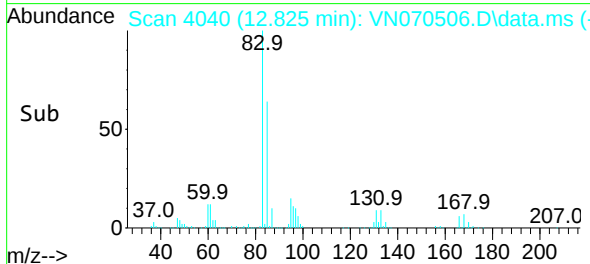
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



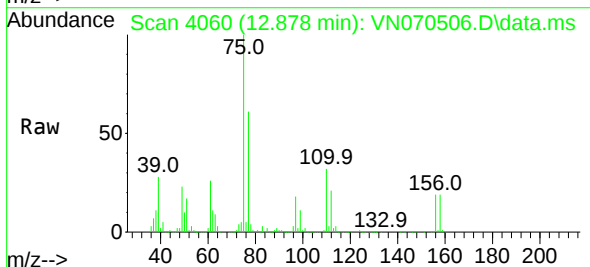
Tgt Ion: 83 Resp: 97535
Ion Ratio Lower Upper
83 100
131 9.5 5.5 16.5
85 64.2 32.4 97.2

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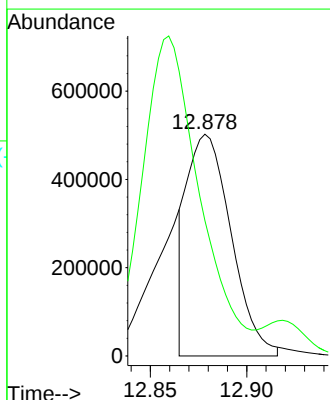
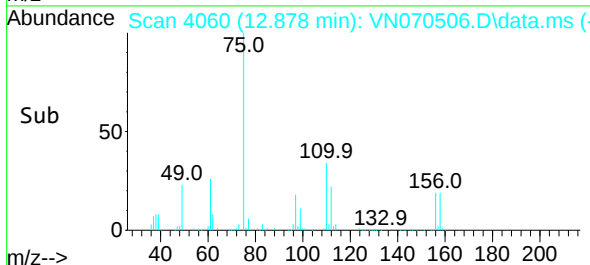
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022

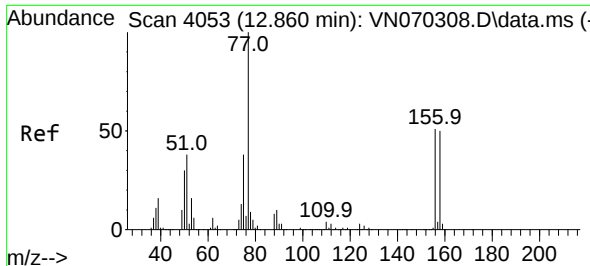


#76
1,2,3-Trichloropropane
Concen: 44.070 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17



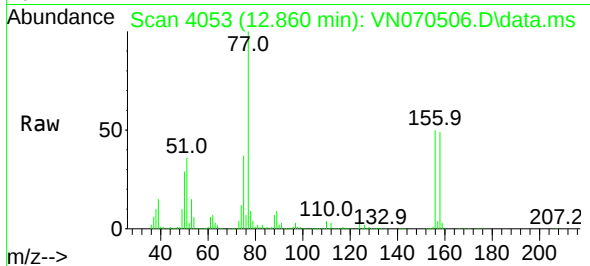
Tgt Ion: 75 Resp: 800604
Ion Ratio Lower Upper
75 100
77 187.4 82.6 247.8





#77
Bromobenzene
Concen: 49.124 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

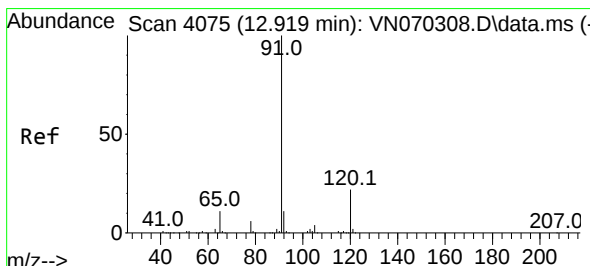
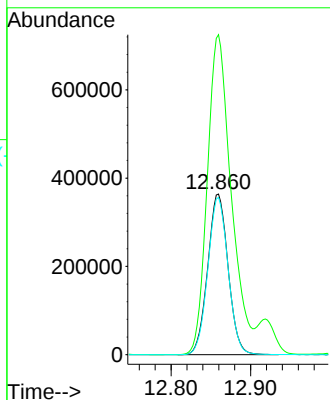
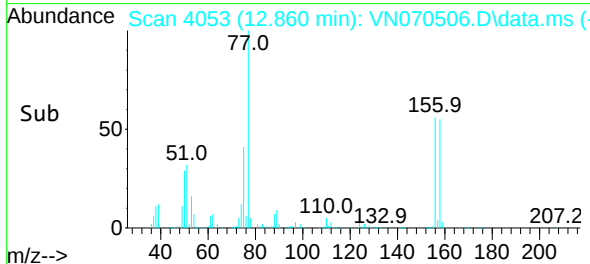
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



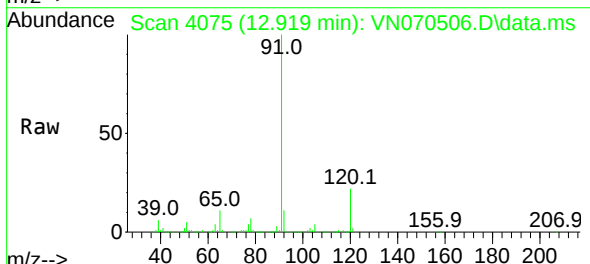
Tgt Ion:156 Resp: 647730
Ion Ratio Lower Upper
156 100
77 231.7 90.6 271.8
158 97.3 48.9 146.7

Manual Integrations
APPROVED

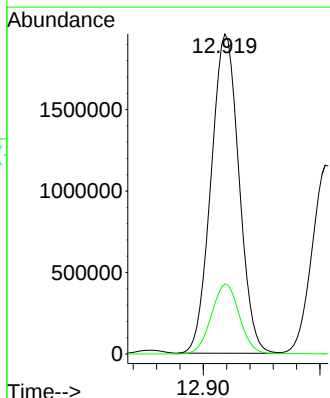
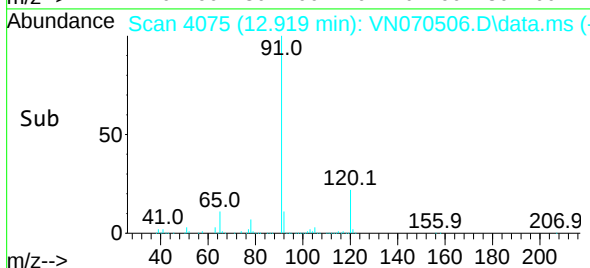
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022

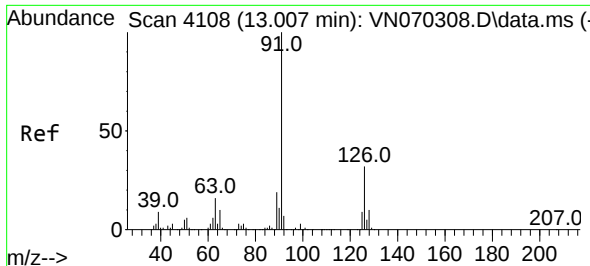


#78
n-propylbenzene
Concen: 51.120 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17



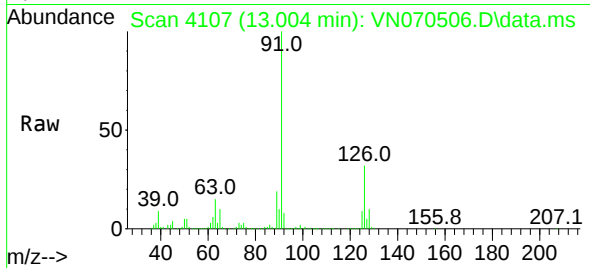
Tgt Ion: 91 Resp: 3252979
Ion Ratio Lower Upper
91 100
120 22.0 11.9 35.9





#79
2-Chlorotoluene
Concen: 49.279 ug/l
RT: 13.004 min Scan# 4108
Delta R.T. -0.003 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

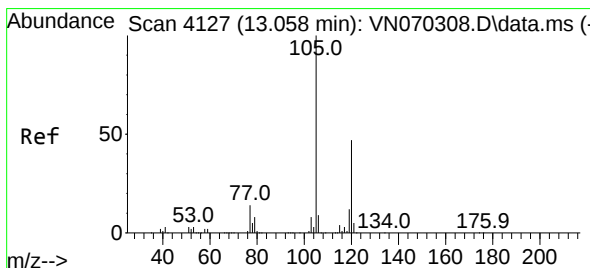
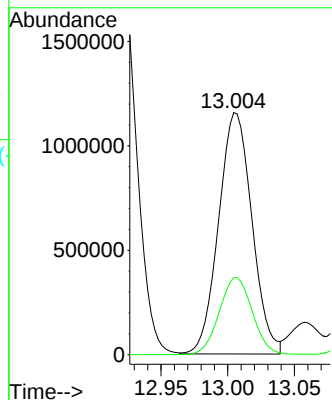
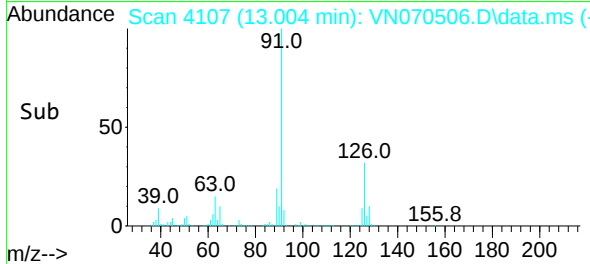
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



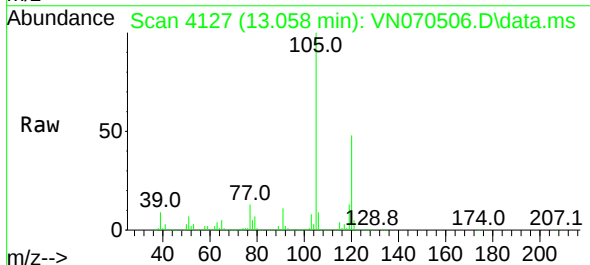
Tgt Ion: 91 Resp: 201204
Ion Ratio Lower Upper
91 100
126 31.7 18.3 54.8

Manual Integrations
APPROVED

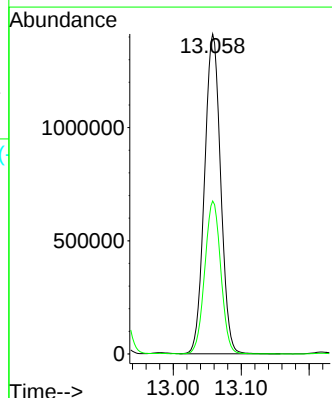
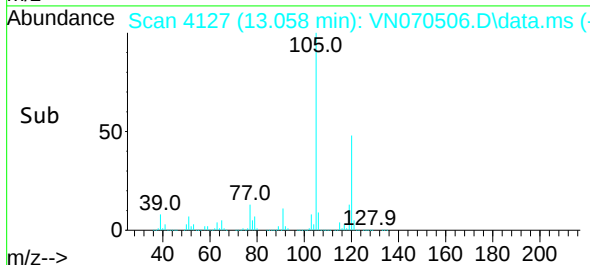
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022

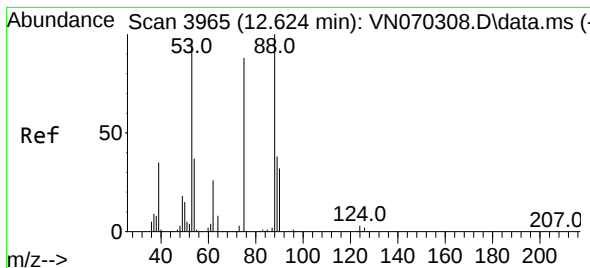


#80
1,3,5-Trimethylbenzene
Concen: 50.556 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17



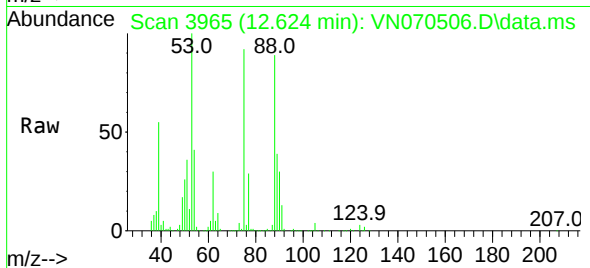
Tgt Ion:105 Resp: 2326757
Ion Ratio Lower Upper
105 100
120 47.6 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 51.004 ug/l
RT: 12.624 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

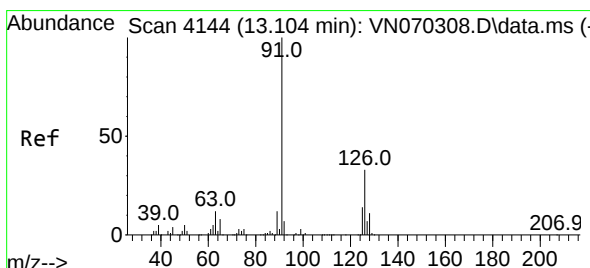
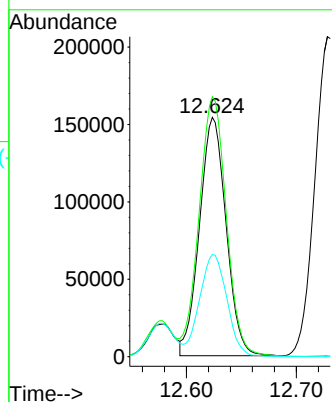
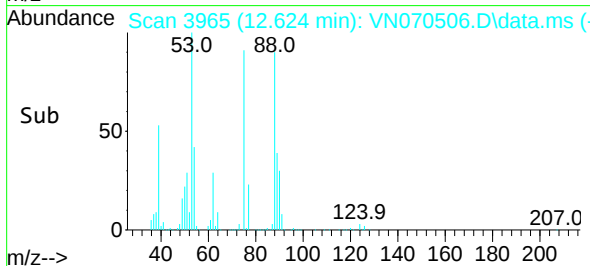
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



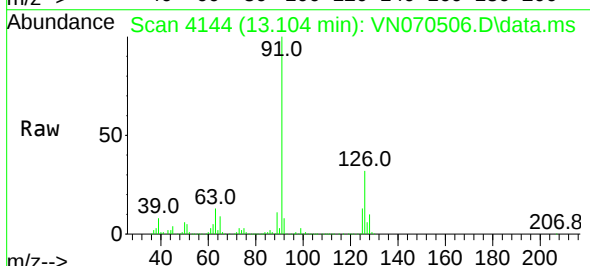
Tgt Ion: 75 Resp: 25818
Ion Ratio Lower Upper
75 100
53 112.9 90.5 135.7
89 44.4 38.2 57.4

Manual Integrations
APPROVED

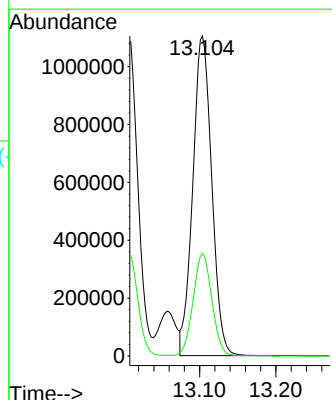
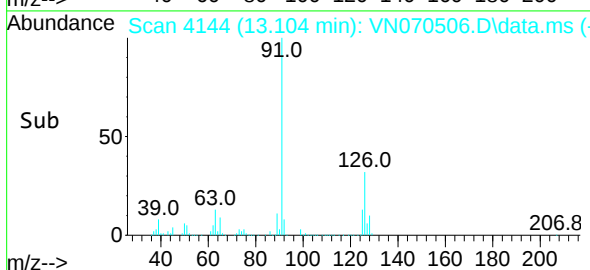
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022

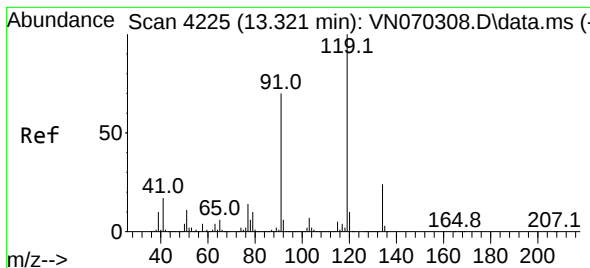


#82
4-Chlorotoluene
Concen: 49.730 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17



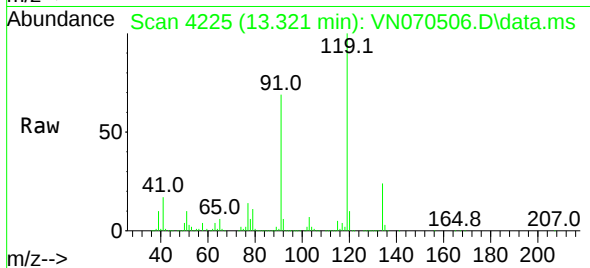
Tgt Ion: 91 Resp: 1901945
Ion Ratio Lower Upper
91 100
126 31.8 18.2 54.6





#83
tert-Butylbenzene
Concen: 50.155 ug/l
RT: 13.321 min Scan# 4225
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

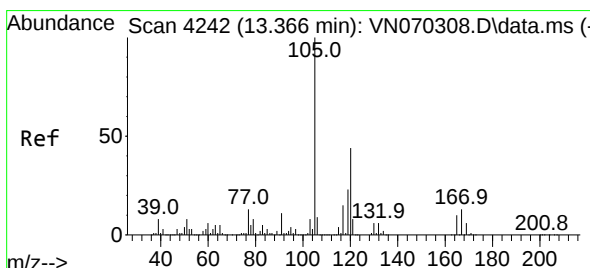
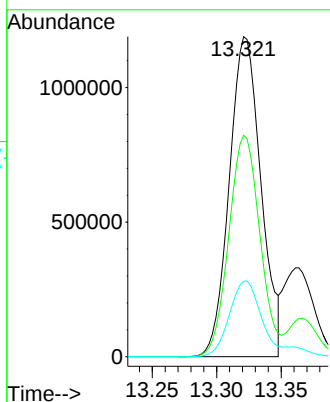
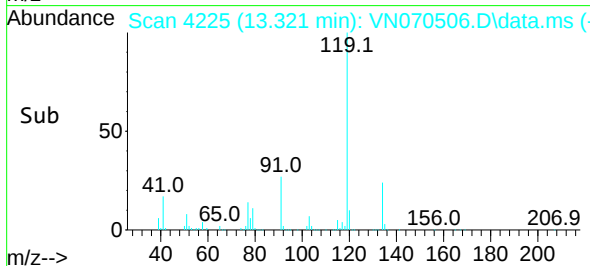
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



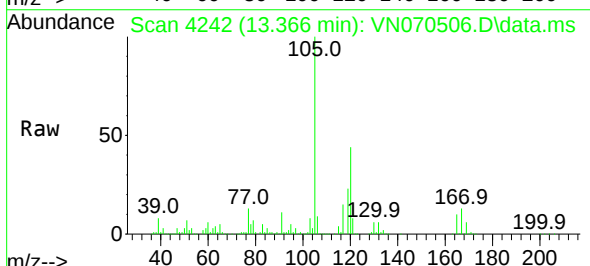
Tgt Ion:119 Resp: 2032554
Ion Ratio Lower Upper
119 100
91 68.1 31.5 94.5
134 23.9 12.4 37.4

Manual Integrations
APPROVED

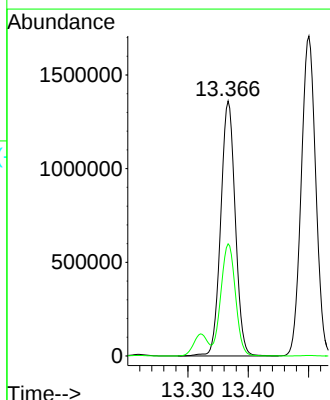
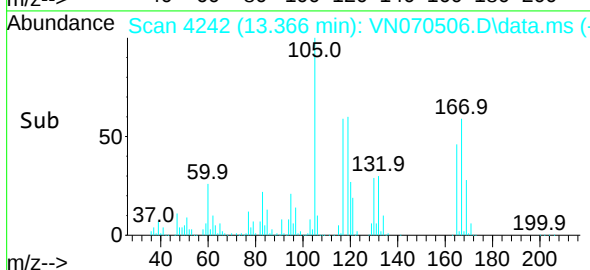
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022

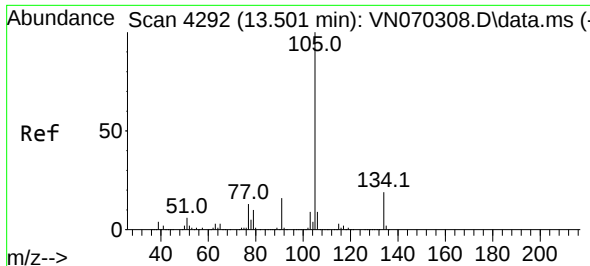


#84
1,2,4-Trimethylbenzene
Concen: 51.324 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. 0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17



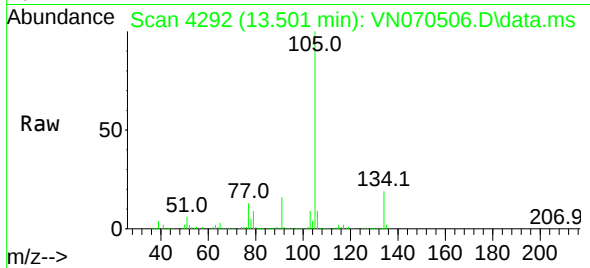
Tgt Ion:105 Resp: 2274556
Ion Ratio Lower Upper
105 100
120 44.2 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 51.854 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.000 min
 Lab File: VN070506.D
 Acq: 5 Jan 2022 22:17

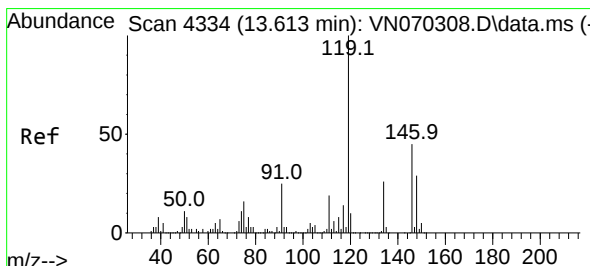
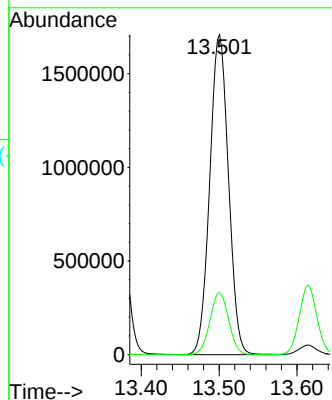
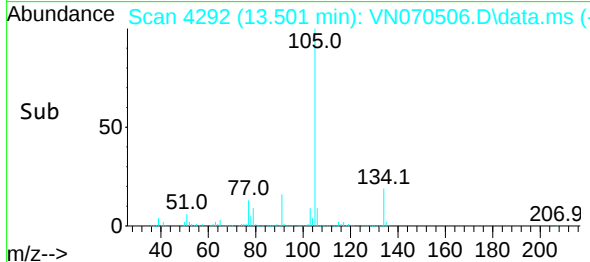
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



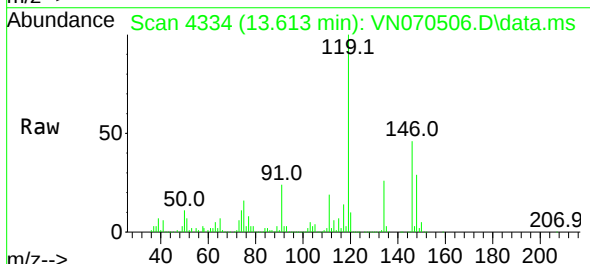
Tgt Ion:105 Resp: 2853038
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

Manual Integrations
 APPROVED

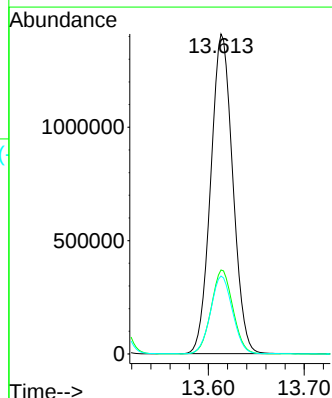
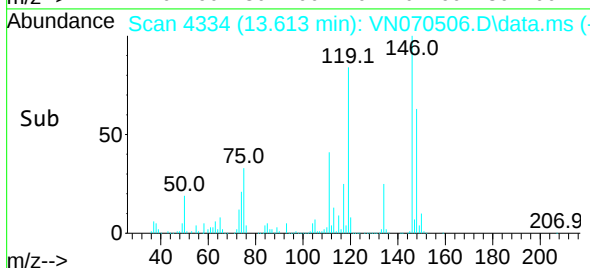
Reviewed By :John Carlone 01/06/2022
 Supervised By :Mahesh Dadoda 01/11/2022

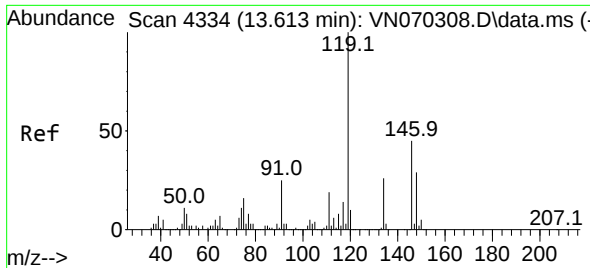


#86
 p-Isopropyltoluene
 Concen: 52.029 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070506.D
 Acq: 5 Jan 2022 22:17



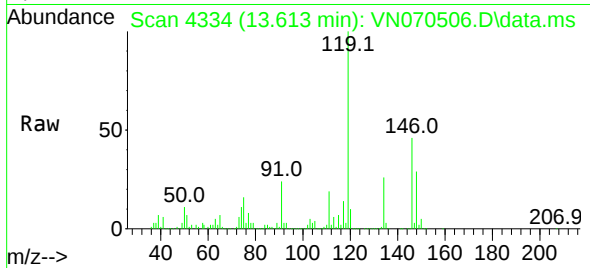
Tgt Ion:119 Resp: 2248698
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.6 40.7
 91 24.1 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 50.047 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

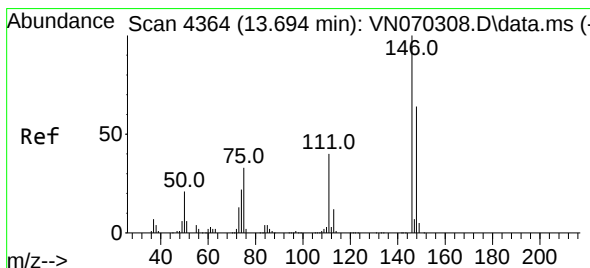
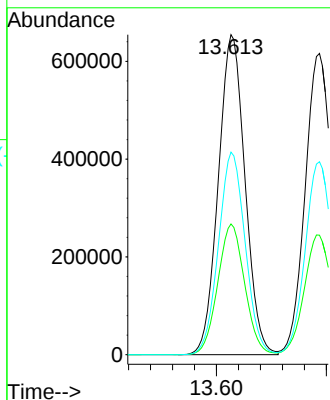
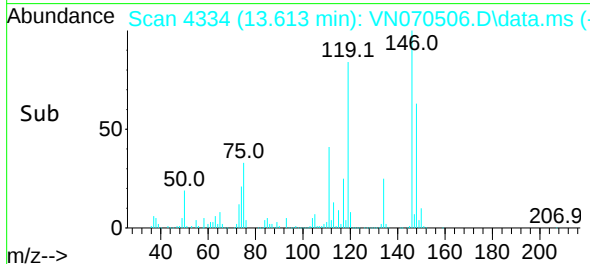
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



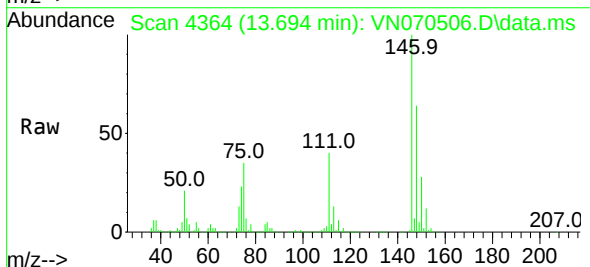
Tgt Ion:146 Resp: 1104699
Ion Ratio Lower Upper
146 100
111 41.0 18.6 55.6
148 63.3 31.6 95.0

Manual Integrations
APPROVED

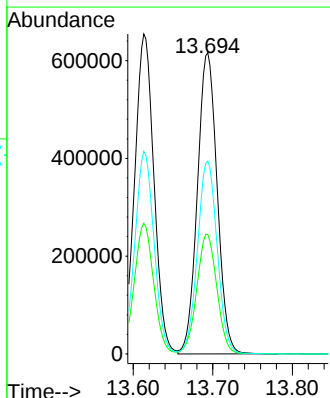
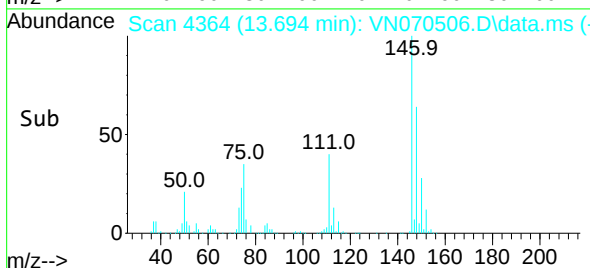
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022



#88
1,4-Dichlorobenzene
Concen: 48.849 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17



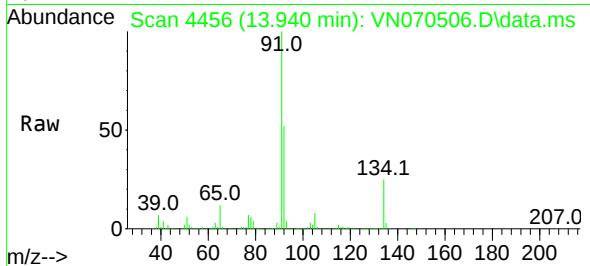
Tgt Ion:146 Resp: 1063606
Ion Ratio Lower Upper
146 100
111 40.1 18.3 54.8
148 63.9 31.8 95.4





#89
n-Butylbenzene
Concen: 50.932 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

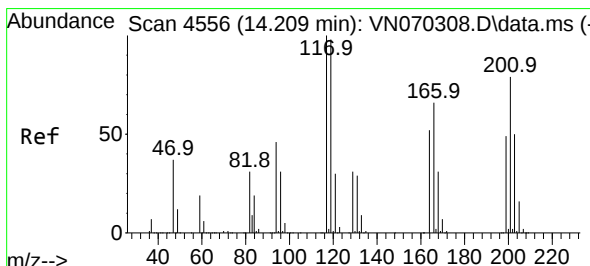
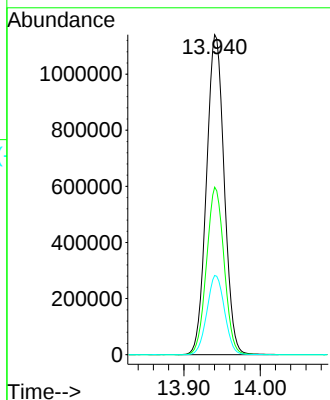
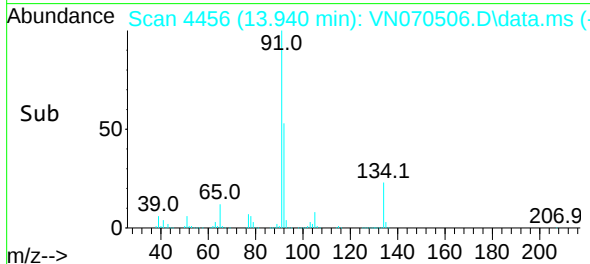
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1836090
Ion Ratio Lower Upper
91 100
92 52.1 25.4 76.0
134 24.7 13.6 40.8

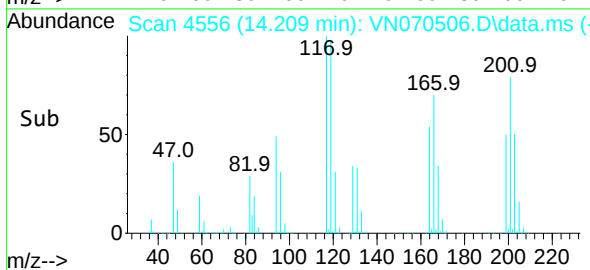
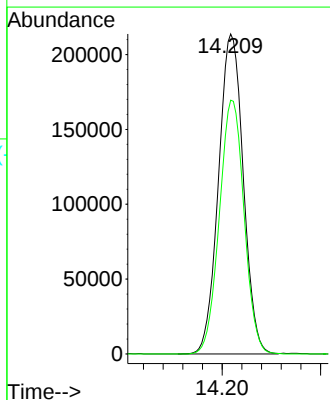
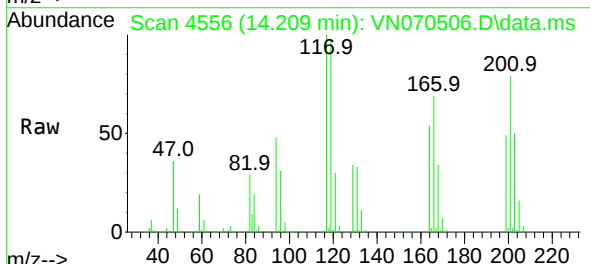
Manual Integrations
APPROVED

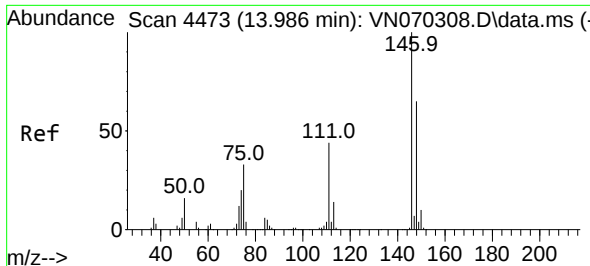
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022



#90
Hexachloroethane
Concen: 49.788 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

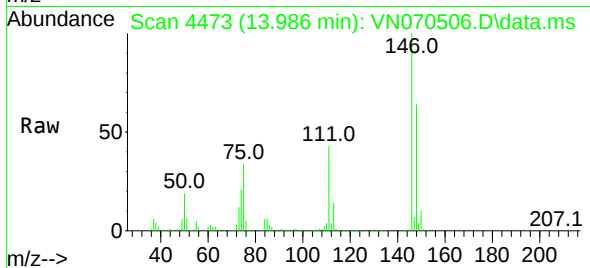
Tgt Ion:117 Resp: 373831
Ion Ratio Lower Upper
117 100
201 79.2 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 49.299 ug/l
RT: 13.986 min Scan# 4473
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

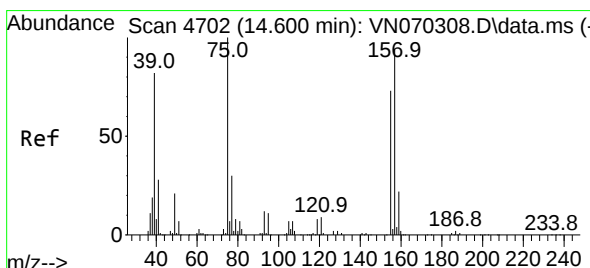
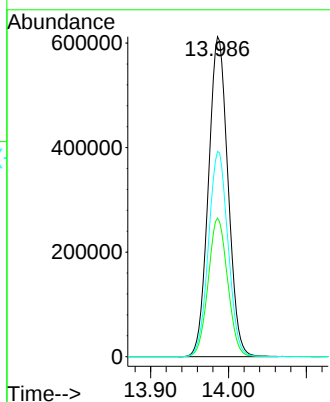
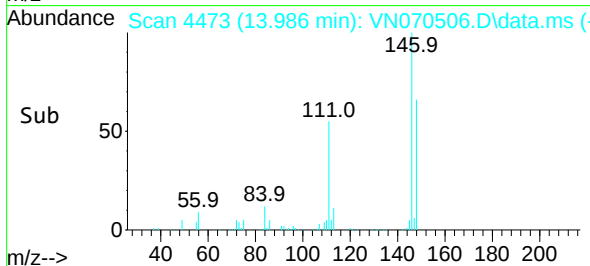
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



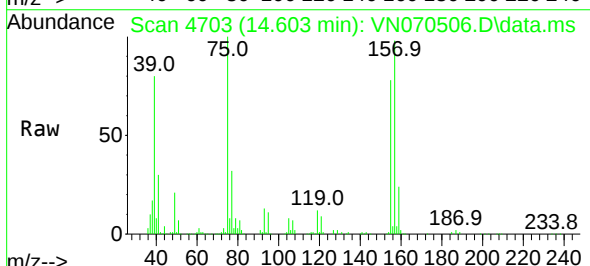
Tgt Ion:146 Resp: 106677
Ion Ratio Lower Upper
146 100
111 43.1 19.1 57.3
148 64.2 32.1 96.3

Manual Integrations
APPROVED

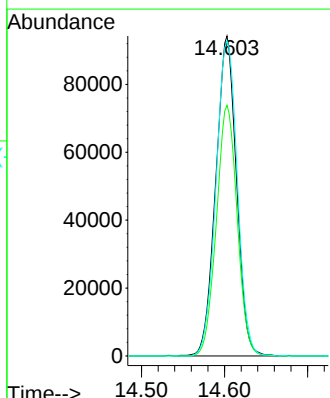
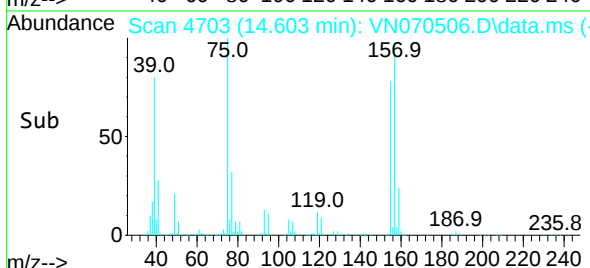
Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022

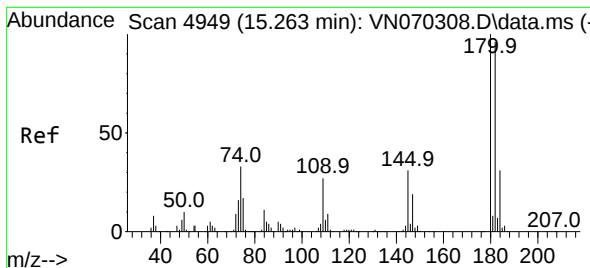


#92
1,2-Dibromo-3-Chloropropane
Concen: 49.217 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.003 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17



Tgt Ion: 75 Resp: 163747
Ion Ratio Lower Upper
75 100
155 78.4 46.9 140.7
157 101.0 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 51.141 ug/l

RT: 15.263 min Scan# 4949

Delta R.T. -0.000 min

Lab File: VN070506.D

Acq: 5 Jan 2022 22:17

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 521428

Ion Ratio Lower Upper

180 100

182 95.5 48.3 144.9

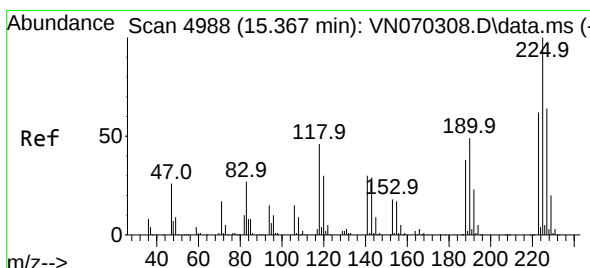
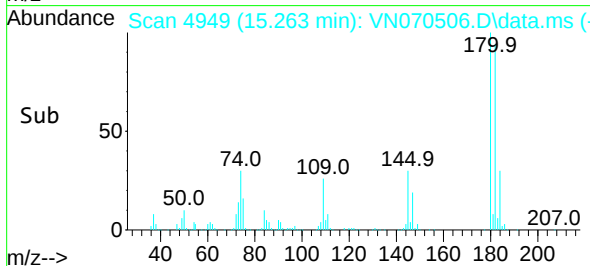
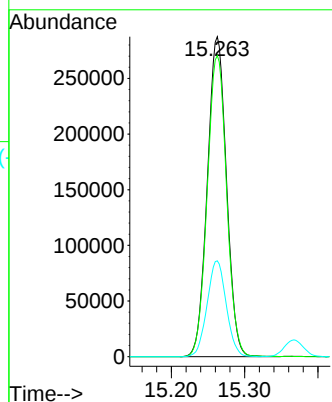
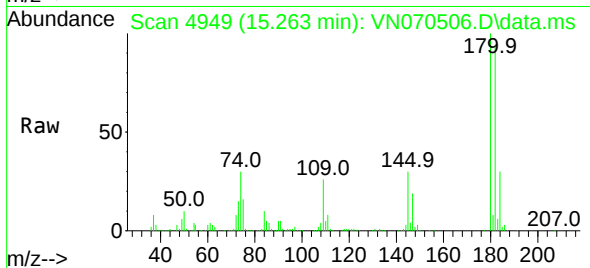
145 30.0 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/06/2022

Supervised By :Mahesh Dadoda 01/11/2022



#94

Hexachlorobutadiene

Concen: 51.298 ug/l

RT: 15.367 min Scan# 4988

Delta R.T. 0.000 min

Lab File: VN070506.D

Acq: 5 Jan 2022 22:17

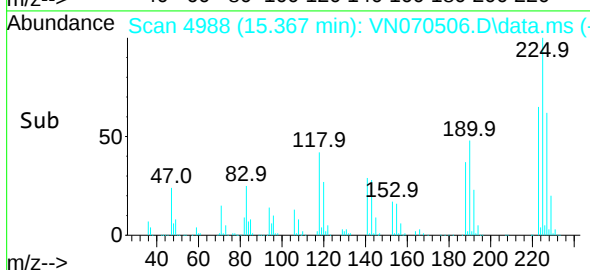
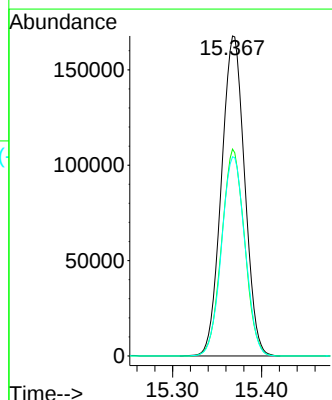
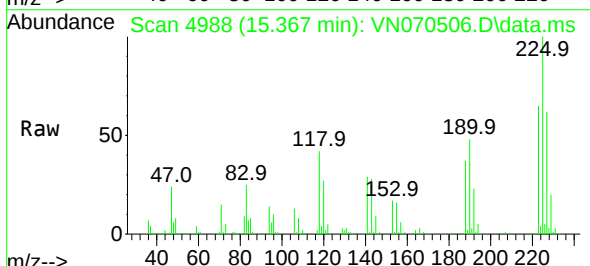
Tgt Ion:225 Resp: 303973

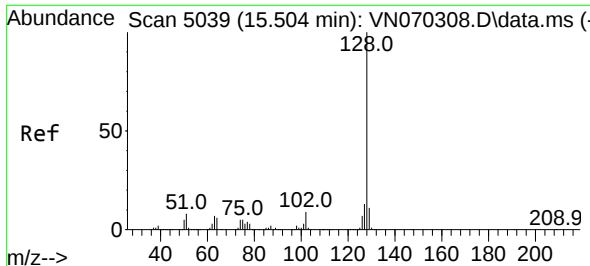
Ion Ratio Lower Upper

225 100

223 63.8 31.9 95.7

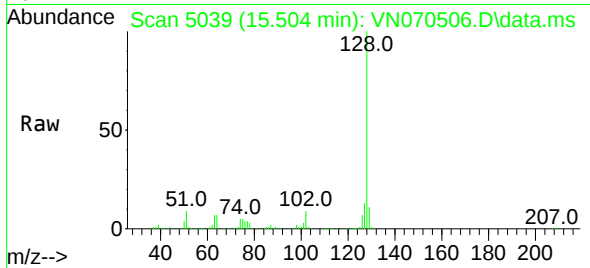
227 62.9 32.1 96.3





#95
Naphthalene
Concen: 51.618 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17

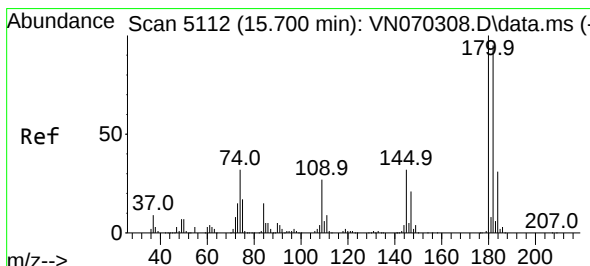
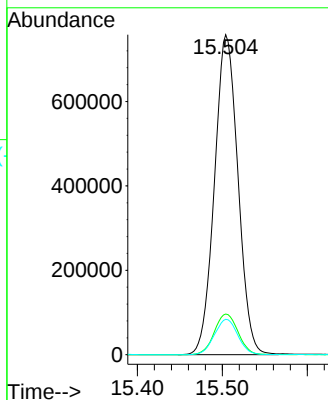
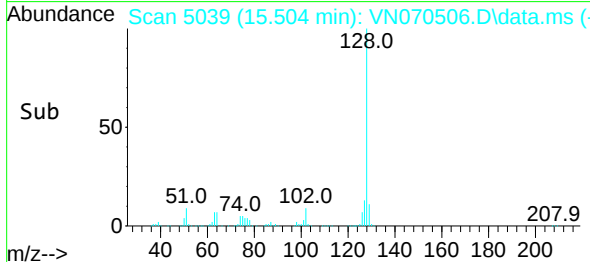
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



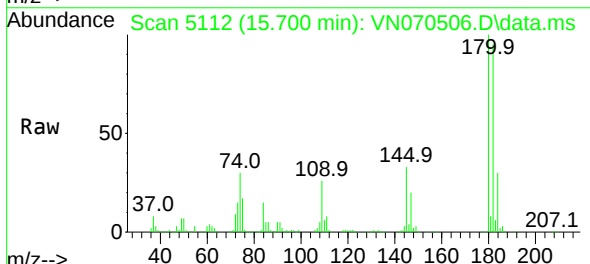
Tgt Ion:128 Resp: 1456200
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/11/2022



#96
1,2,3-Trichlorobenzene
Concen: 52.752 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.000 min
Lab File: VN070506.D
Acq: 5 Jan 2022 22:17



Tgt Ion:180 Resp: 514915
Ion Ratio Lower Upper
180 100
182 95.2 47.4 142.2
145 32.2 15.0 45.1

