

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022822\
 Data File : VN071111.D
 Acq On : 28 Feb 2022 21:56
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/01/2022
 Supervised By : Mahesh Dadoda 03/01/2022

Quant Time: Mar 01 04:26:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	660445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1069027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	948105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	408438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	395032	52.361	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.720%			
35) Dibromofluoromethane	8.016	113	311144	48.933	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 97.860%			
50) Toluene-d8	10.433	98	1218490	47.717	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 95.440%			
62) 4-Bromofluorobenzene	12.727	95	419962	46.011	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 92.020%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	282431	41.173	ug/l	99
3) Chloromethane	2.299	50	386179	44.789	ug/l	99
4) Vinyl Chloride	2.440	62	362143	41.958	ug/l	97
5) Bromomethane	2.828	94	188478	38.441	ug/l	99
6) Chloroethane	2.999	64	244879	43.246	ug/l	95
7) Trichlorofluoromethane	3.369	101	491709	45.459	ug/l	97
8) Diethyl Ether	3.822	74	220710	46.938	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.210	101	283634	42.739	ug/l	96
10) Methyl Iodide	4.422	142	396960	43.189	ug/l	99
11) Tert butyl alcohol	5.357	59	406231	295.459	ug/l	99
12) 1,1-Dichloroethene	4.181	96	282596	43.706	ug/l	95
13) Acrolein	4.040	56	353675	287.870	ug/l	100
14) Allyl chloride	4.834	41	607323	49.251	ug/l #	85
15) Acrylonitrile	5.546	53	1178143	290.909	ug/l	99
16) Acetone	4.281	43	955978	230.087	ug/l	96
17) Carbon Disulfide	4.534	76	657800	35.477	ug/l	99
18) Methyl Acetate	4.846	43	535053	58.920	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	1161230	51.198	ug/l	97
20) Methylene Chloride	5.087	84	346725	45.917	ug/l	90
21) trans-1,2-Dichloroethene	5.593	96	301923	43.506	ug/l	90
22) Diisopropyl ether	6.493	45	1285356	54.348	ug/l	92
23) Vinyl Acetate	6.428	43	5543131	276.873	ug/l	98
24) 1,1-Dichloroethane	6.387	63	658301	49.653	ug/l	100
25) 2-Butanone	7.328	43	1612049	291.660	ug/l	97
26) 2,2-Dichloropropane	7.316	77	488093	44.297	ug/l	98
27) cis-1,2-Dichloroethene	7.316	96	379687	47.603	ug/l	92
28) Bromochloromethane	7.651	49	267983	49.940	ug/l	85
29) Tetrahydrofuran	7.675	42	1083167	302.511	ug/l	93
30) Chloroform	7.816	83	627573	48.128	ug/l	99
31) Cyclohexane	8.092	56	600428	46.018	ug/l	91
32) 1,1,1-Trichloroethane	8.010	97	538835	47.850	ug/l	97
36) 1,1-Dichloropropene	8.216	75	458809	44.042	ug/l	97
37) Ethyl Acetate	7.404	43	638172	57.120	ug/l	98
38) Carbon Tetrachloride	8.204	117	444250	43.281	ug/l	98
39) Methylcyclohexane	9.457	83	555685	41.454	ug/l	95
40) Benzene	8.457	78	1430495	46.422	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	317568	53.969	ug/l	92
42) 1,2-Dichloroethane	8.522	62	511095	48.699	ug/l	99
43) Isopropyl Acetate	8.551	43	984385	55.898	ug/l	98
44) Trichloroethene	9.210	130	347043	42.769	ug/l	99
45) 1,2-Dichloropropane	9.486	63	382897	48.508	ug/l	98
46) Dibromomethane	9.569	93	239368	46.080	ug/l	97
47) Bromodichloromethane	9.757	83	484489	46.149	ug/l	99
48) Methyl methacrylate	9.557	41	471190	56.528	ug/l #	82
49) 1,4-Dioxane	9.563	88	165287	1116.440	ug/l	90
51) 4-Methyl-2-Pentanone	10.328	43	3198237	298.497	ug/l	98
52) Toluene	10.498	92	894940	46.219	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	534734	46.842	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	593202	47.317	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	353651	46.660	ug/l	98
56) Ethyl methacrylate	10.757	69	614227	53.787	ug/l	91
57) 1,3-Dichloropropane	11.039	76	645144	49.209	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	601487	238.469	ug/l	95
59) 2-Hexanone	11.080	43	2266668	307.599	ug/l	99
60) Dibromochloromethane	11.233	129	367384	45.866	ug/l	100
61) 1,2-Dibromoethane	11.339	107	365871	47.459	ug/l	99
64) Tetrachloroethene	10.975	164	293755	39.784	ug/l	97
65) Chlorobenzene	11.763	112	934998	45.765	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	349124	46.880	ug/l	100
67) Ethyl Benzene	11.839	91	1719881	48.098	ug/l	97
68) m/p-Xylenes	11.951	106	1294160	93.698	ug/l	98
69) o-Xylene	12.275	106	656219	48.636	ug/l	98
70) Styrene	12.286	104	1056888	49.263	ug/l	97
71) Bromoform	12.451	173	275288	46.414	ug/l #	99
73) Isopropylbenzene	12.574	105	1672117	50.862	ug/l	100
74) N-amyl acetate	12.380	43	666203	63.394	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	562555	53.848	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	503368m	52.343	ug/l	
77) Bromobenzene	12.857	156	397787	49.427	ug/l	84
78) n-propylbenzene	12.916	91	1877902	50.840	ug/l	98
79) 2-Chlorotoluene	13.004	91	1156792	51.570	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	1353607	50.822	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.622	75	160765	54.172	ug/l	91
82) 4-Chlorotoluene	13.098	91	1095758	50.323	ug/l	95
83) tert-Butylbenzene	13.316	119	1256192	49.732	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	1324483	50.517	ug/l	100
85) sec-Butylbenzene	13.498	105	1668094	50.118	ug/l	99
86) p-Isopropyltoluene	13.610	119	1342711	49.142	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	662711	46.517	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	640902	45.915	ug/l	98
89) n-Butylbenzene	13.939	91	1013817	45.479	ug/l	96
90) Hexachloroethane	14.204	117	238178	48.811	ug/l	92
91) 1,2-Dichlorobenzene	13.980	146	637049	47.619	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	97294	57.481	ug/l	89
93) 1,2,4-Trichlorobenzene	15.257	180	284365	38.303	ug/l	99
94) Hexachlorobutadiene	15.363	225	182353	37.379	ug/l	99
95) Naphthalene	15.498	128	761764	42.544	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	276030	40.331	ug/l	98

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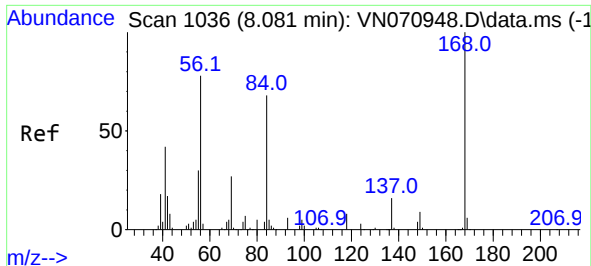
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

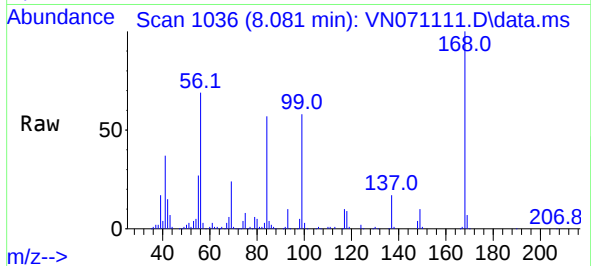
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071111.D
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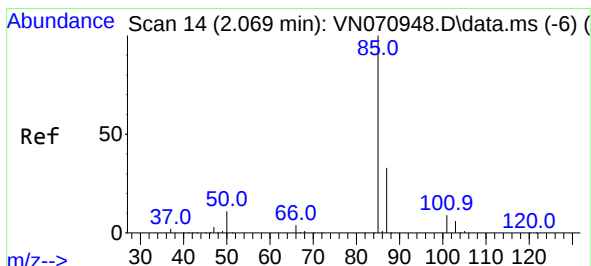
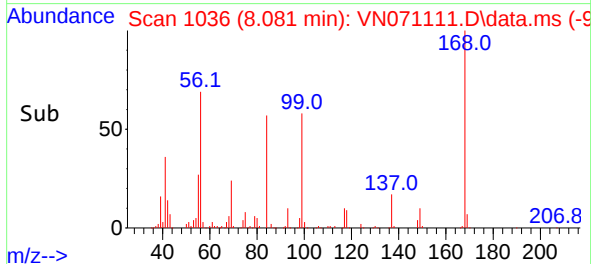
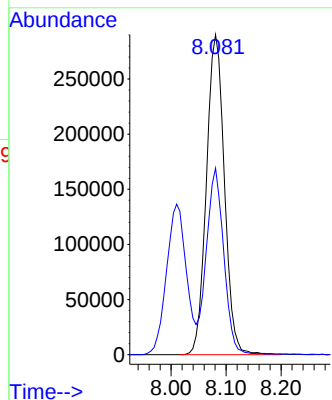
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Tgt Ion:168 Resp: 660445
Ion Ratio Lower Upper
168 100
99 58.0 41.3 61.9

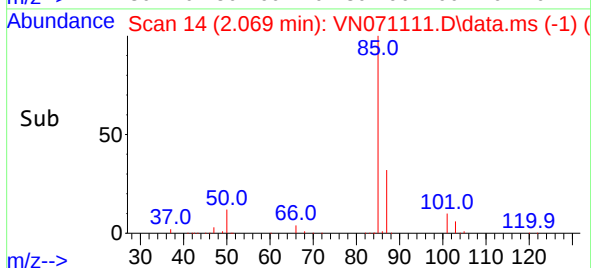
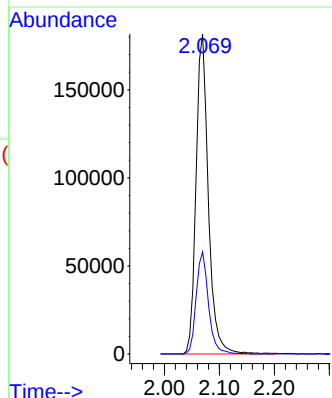
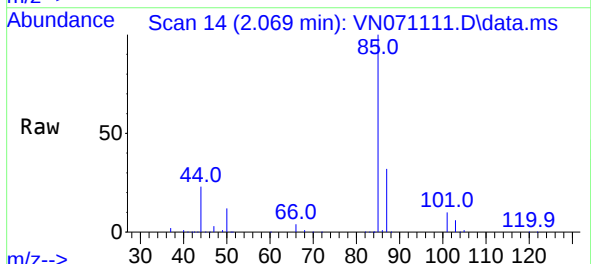
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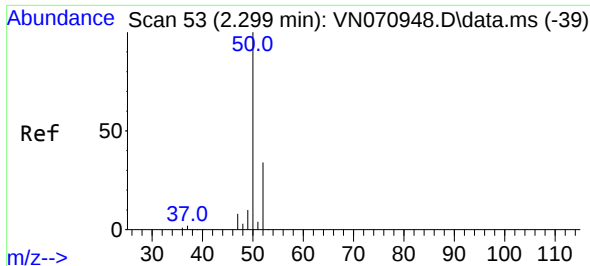
Reviewed By :John Carlone 03/01/2022
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#2
Dichlorodifluoromethane
Concen: 41.173 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

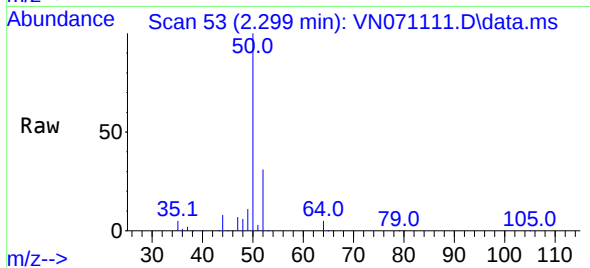
Tgt Ion: 85 Resp: 282431
Ion Ratio Lower Upper
85 100
87 31.9 16.3 48.9





#3
Chloromethane
Concen: 44.789 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

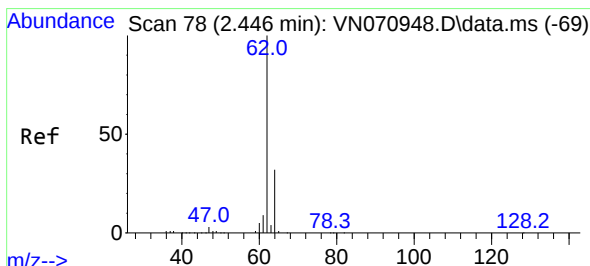
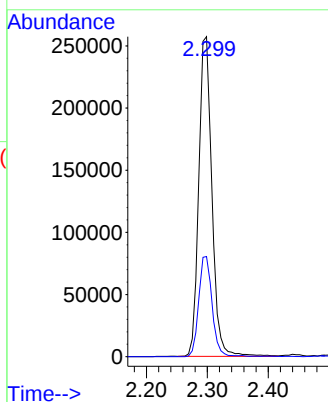
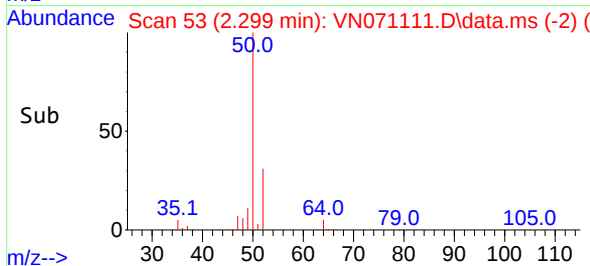
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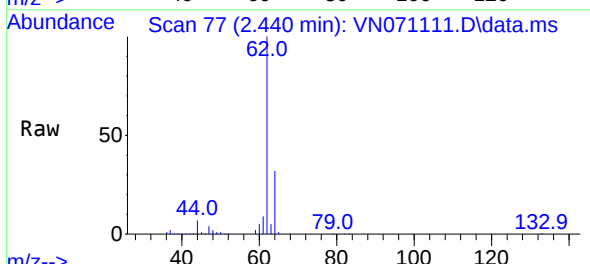
Tgt Ion: 50 Resp: 386179
Ion Ratio Lower Upper
50 100
52 31.3 25.4 38.0

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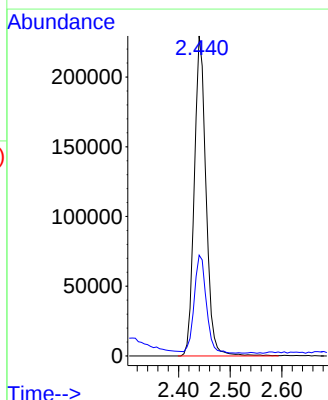
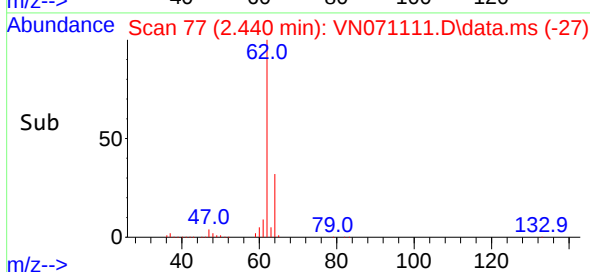
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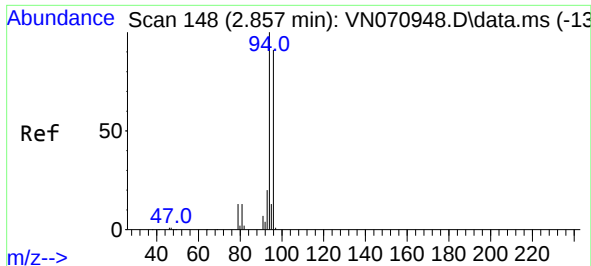


#4
Vinyl Chloride
Concen: 41.958 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN071111.D
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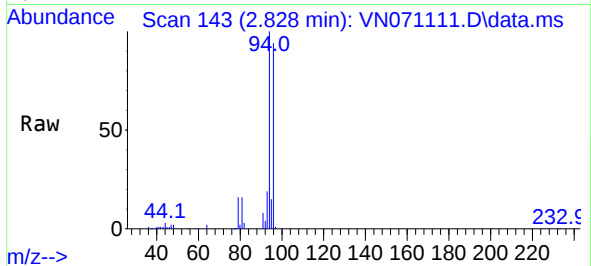
Tgt Ion: 62 Resp: 362143
Ion Ratio Lower Upper
62 100
64 30.3 25.8 38.6





#5
Bromomethane
Concen: 38.441 ug/l
RT: 2.828 min Scan# 148
Delta R.T. -0.029 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

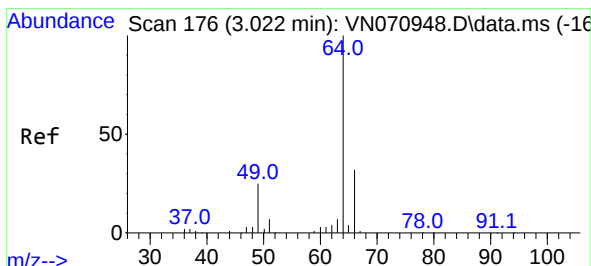
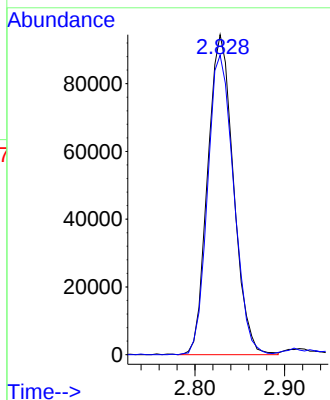
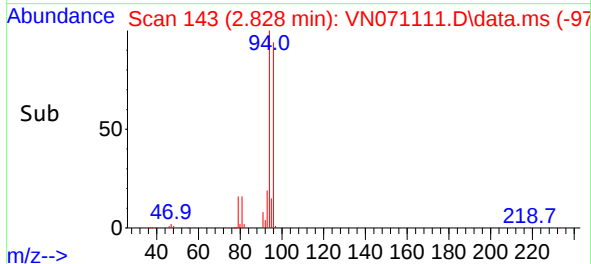
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Tgt Ion: 94 Resp: 188478
Ion Ratio Lower Upper
94 100
96 93.6 73.8 110.8

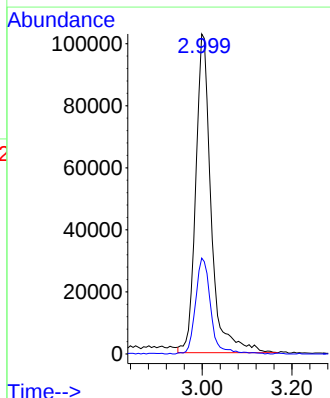
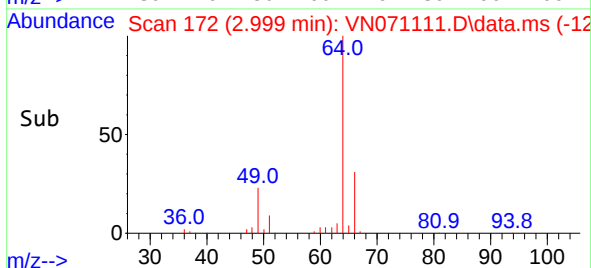
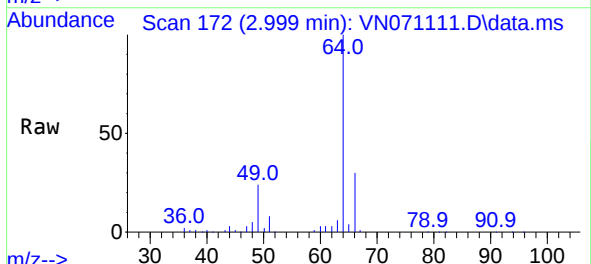
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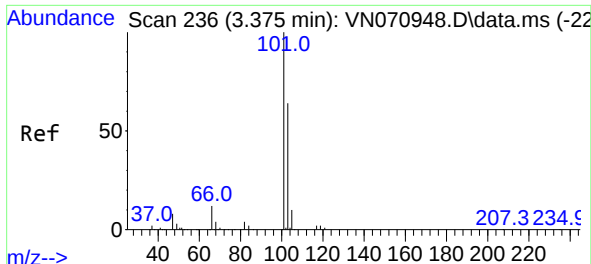
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#6
Chloroethane
Concen: 43.246 ug/l
RT: 2.999 min Scan# 172
Delta R.T. -0.023 min
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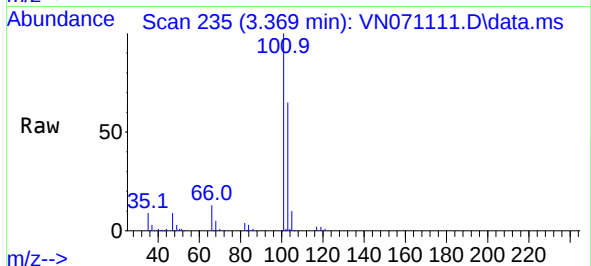
Tgt Ion: 64 Resp: 244879
Ion Ratio Lower Upper
64 100
66 29.8 26.3 39.5





#7
Trichlorofluoromethane
Concen: 45.459 ug/l
RT: 3.369 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN071111.D
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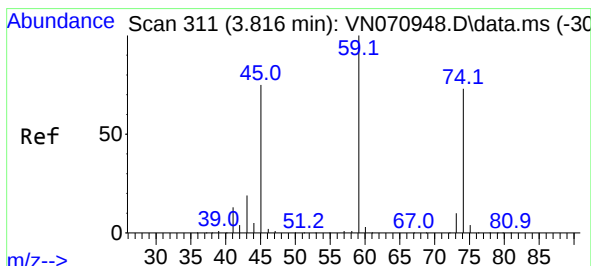
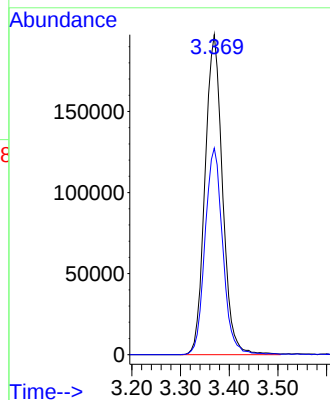
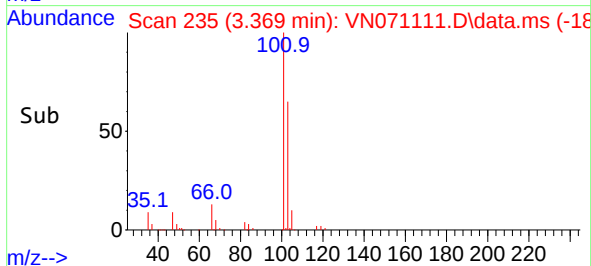
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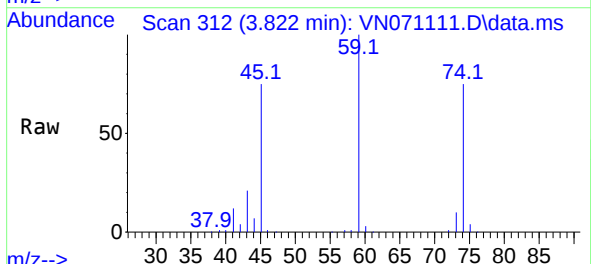
Tgt Ion:101 Resp: 491709
Ion Ratio Lower Upper
101 100
103 64.6 50.1 75.1

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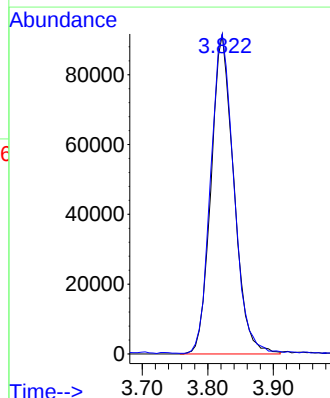
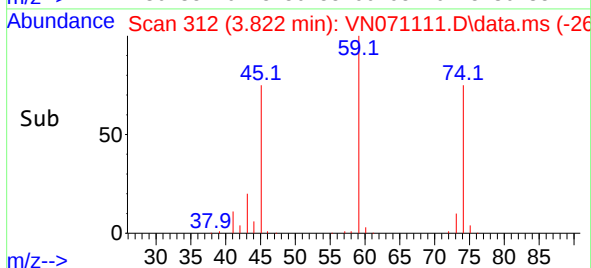
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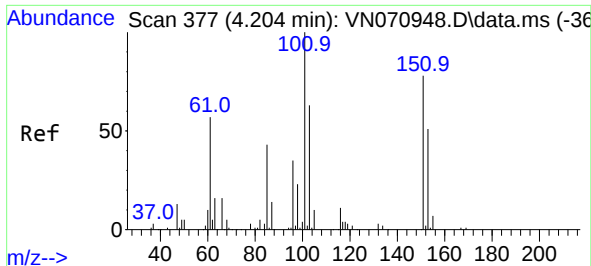


#8
Diethyl Ether
Concen: 46.938 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.006 min
Lab File: VN071111.D
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Tgt Ion: 74 Resp: 220710
Ion Ratio Lower Upper
74 100
45 102.0 47.0 141.2





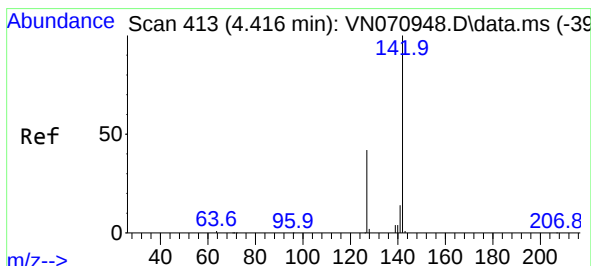
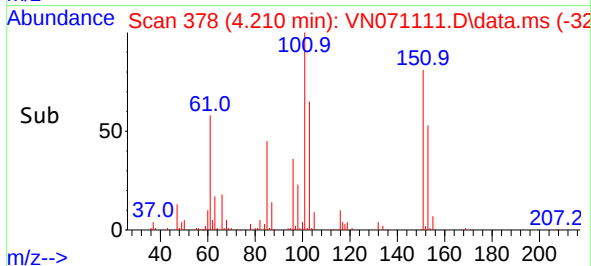
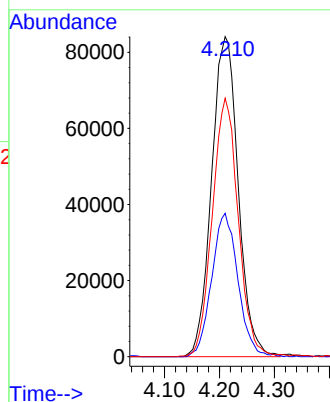
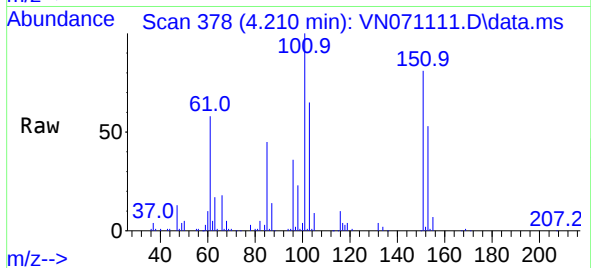
#9
1,1,2-Trichlorotrifluoroethane
Concen: 42.739 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 283634
Ion Ratio Lower Upper
101 100
85 44.1 37.2 55.8
151 78.7 65.9 98.9

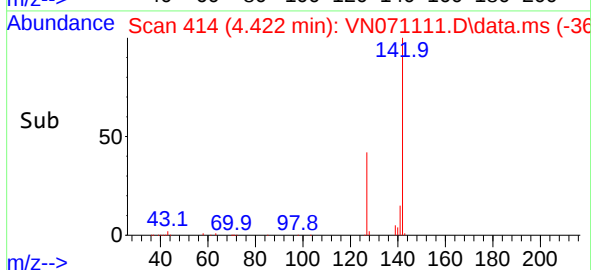
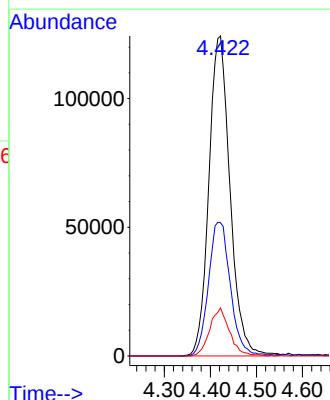
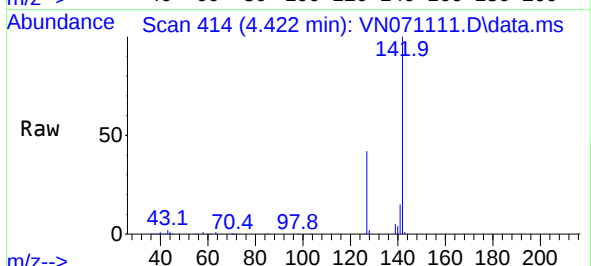
Manual Integrations
APPROVED

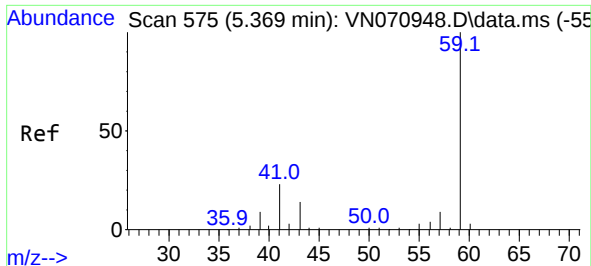
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#10
Methyl Iodide
Concen: 43.189 ug/l
RT: 4.422 min Scan# 414
Delta R.T. 0.006 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

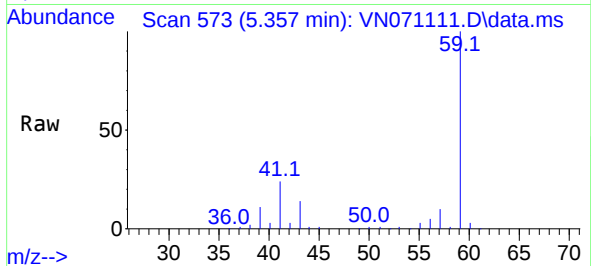
Tgt Ion:142 Resp: 396960
Ion Ratio Lower Upper
142 100
127 43.4 35.4 53.0
141 14.0 11.6 17.4





#11
Tert butyl alcohol
Concen: 295.459 ug/l
RT: 5.357 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

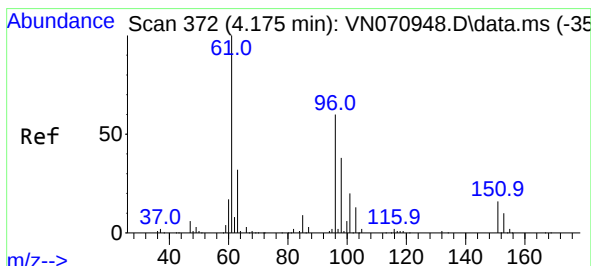
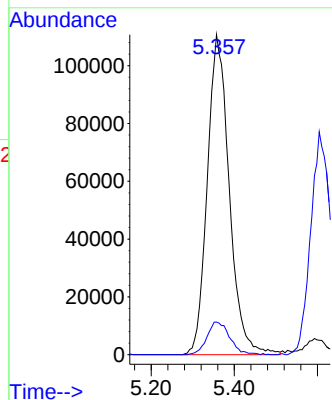
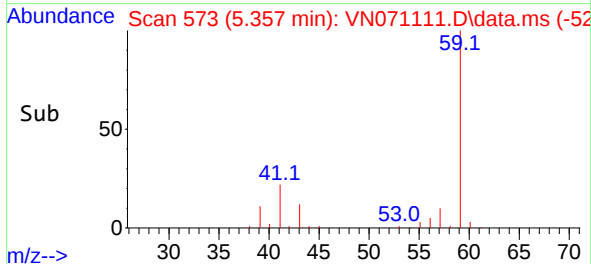
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



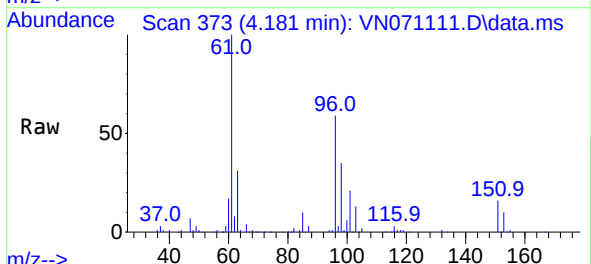
Tgt Ion: 59 Resp: 40623
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

Manual Integrations
APPROVED

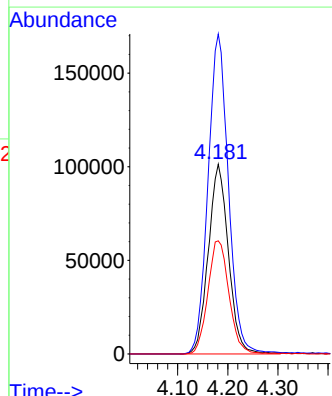
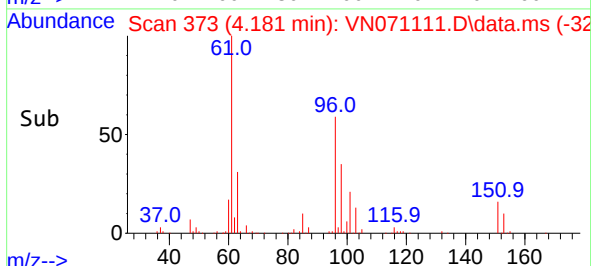
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

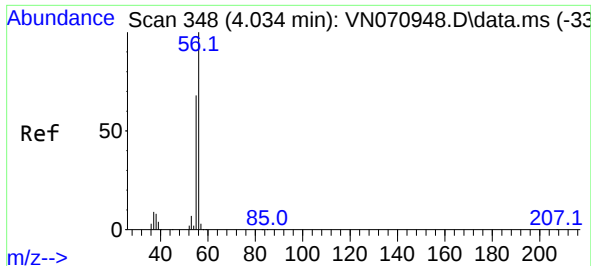


#12
1,1-Dichloroethene
Concen: 43.706 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.006 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56



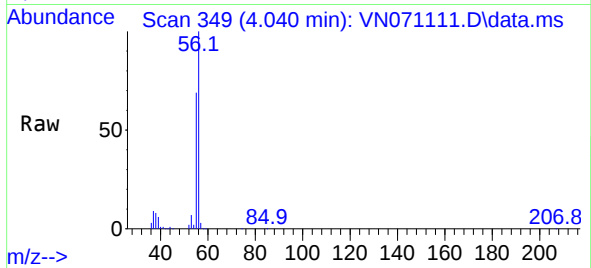
Tgt Ion: 96 Resp: 282596
Ion Ratio Lower Upper
96 100
61 168.6 131.0 196.6
98 59.6 52.4 78.6





#13
Acrolein
Concen: 287.870 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

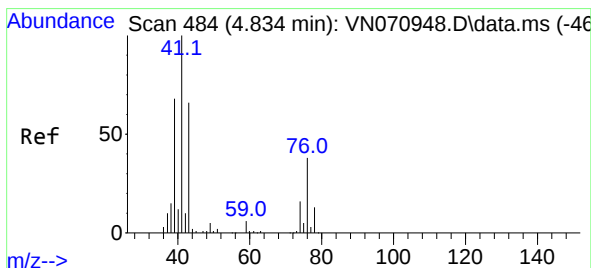
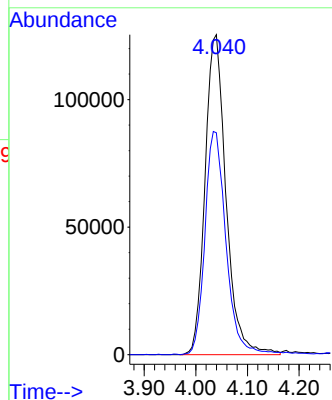
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 353679
Ion Ratio Lower Upper
56 100
55 70.7 56.6 85.0

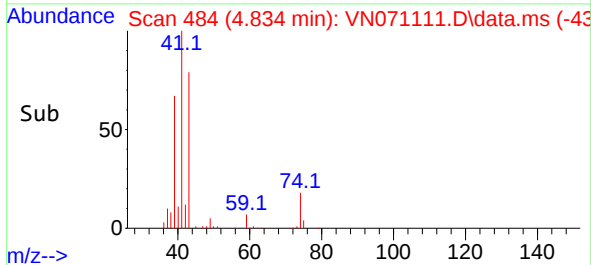
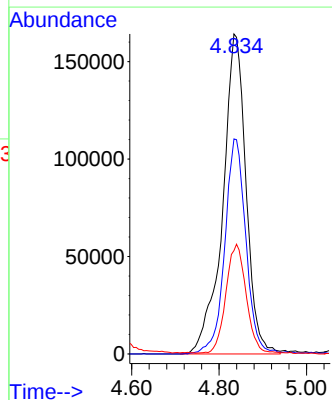
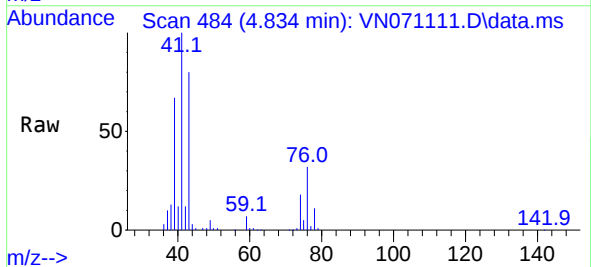
Manual Integrations
APPROVED

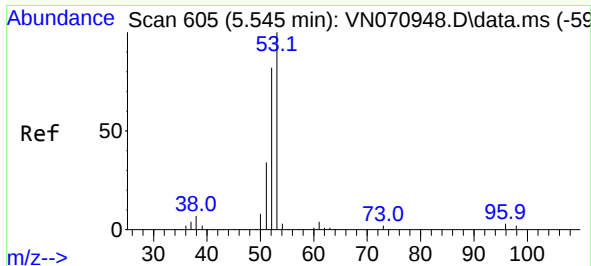
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#14
Allyl chloride
Concen: 49.251 ug/l
RT: 4.834 min Scan# 484
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

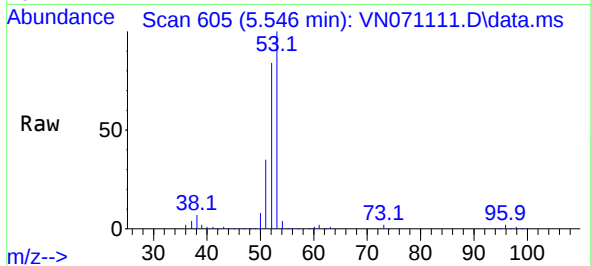
Tgt Ion: 41 Resp: 607323
Ion Ratio Lower Upper
41 100
39 60.8 61.2 91.8#
76 29.3 26.0 39.0





#15
Acrylonitrile
Concen: 290.909 ug/l
RT: 5.546 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

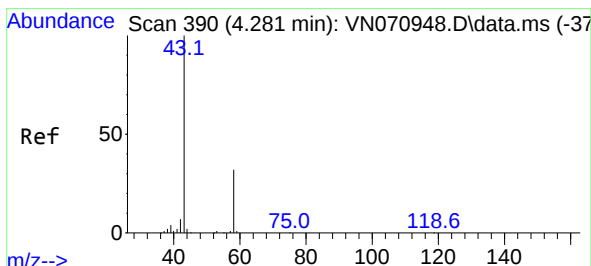
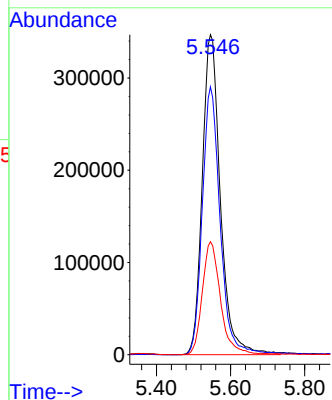
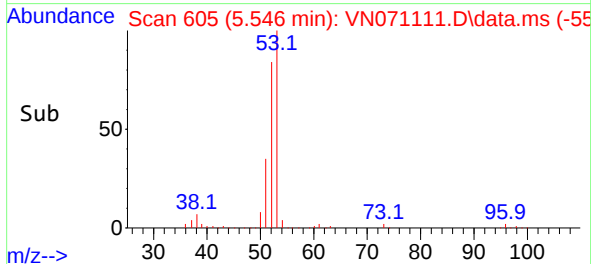
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



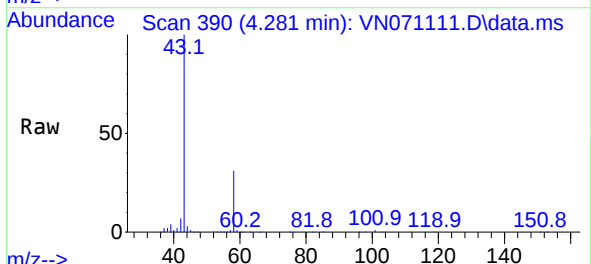
Tgt Ion: 53 Resp: 117814
Ion Ratio Lower Upper
53 100
52 82.0 66.2 99.2
51 35.6 29.6 44.4

Manual Integrations
APPROVED

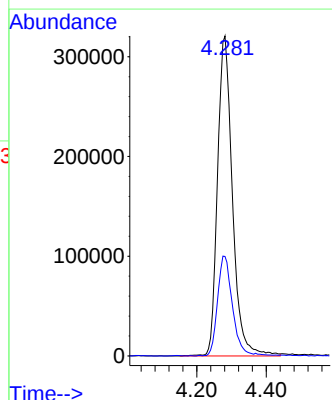
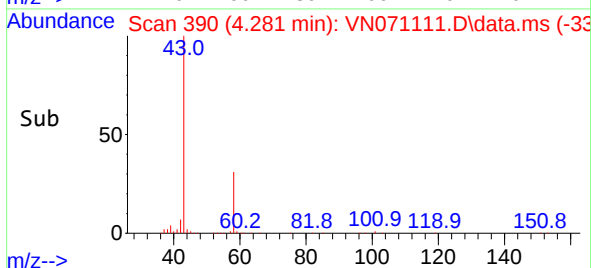
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

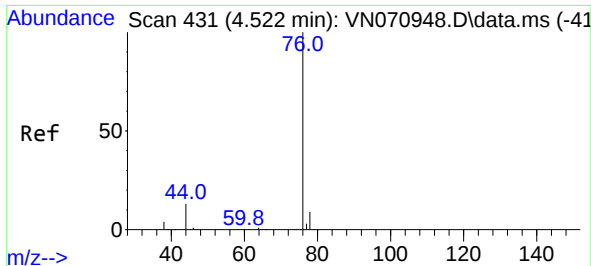


#16
Acetone
Concen: 230.087 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56



Tgt Ion: 43 Resp: 955978
Ion Ratio Lower Upper
43 100
58 31.0 23.1 34.7





#17

Carbon Disulfide

Concen: 35.477 ug/l

RT: 4.534 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN071111.D

Acq: 28 Feb 2022 21:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 657800

Ion Ratio Lower Upper

76 100

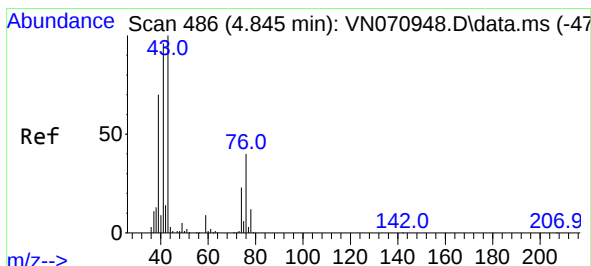
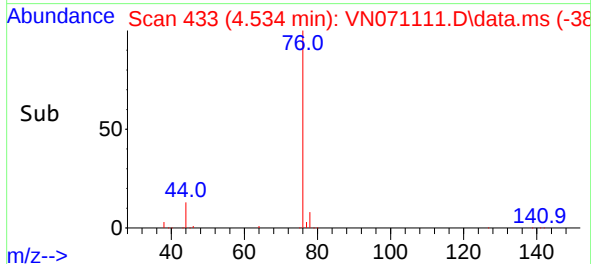
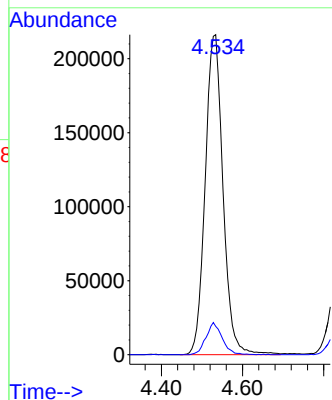
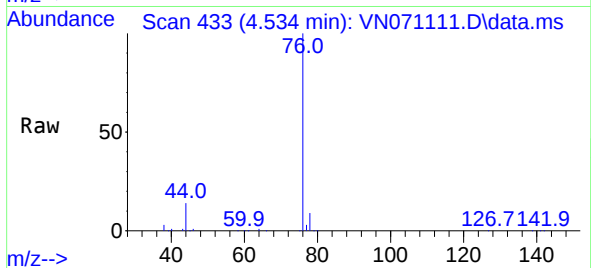
78 8.9 7.5 11.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2022

Supervised By :Mahesh Dadoda 03/01/2022



#18

Methyl Acetate

Concen: 58.920 ug/l

RT: 4.846 min Scan# 486

Delta R.T. 0.001 min

Lab File: VN071111.D

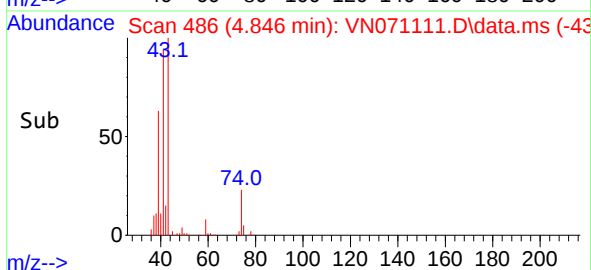
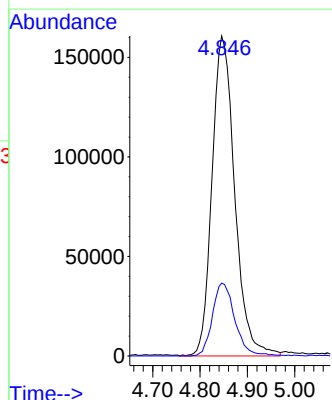
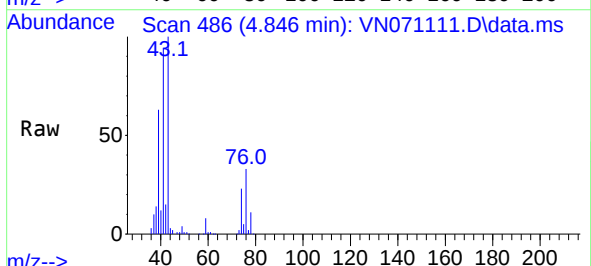
Acq: 28 Feb 2022 21:56

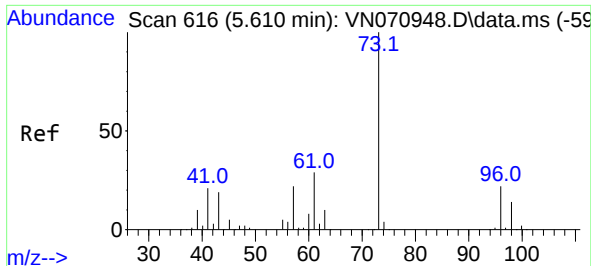
Tgt Ion: 43 Resp: 535053

Ion Ratio Lower Upper

43 100

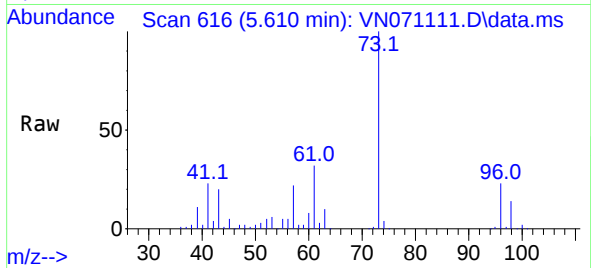
74 22.5 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 51.198 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

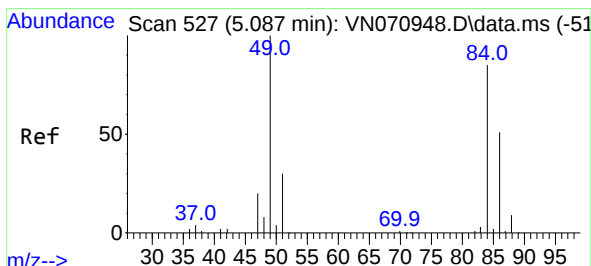
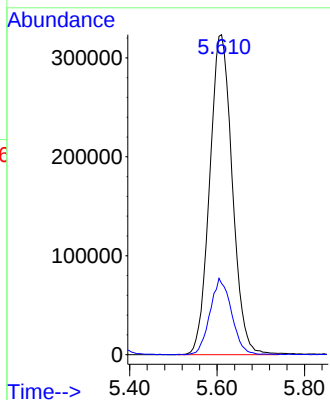
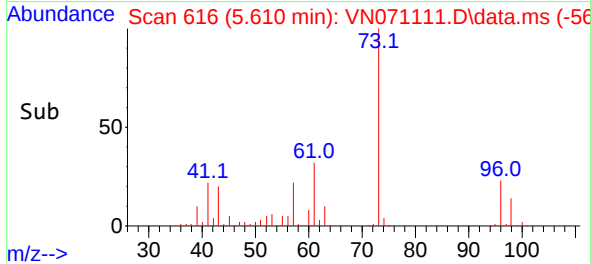
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



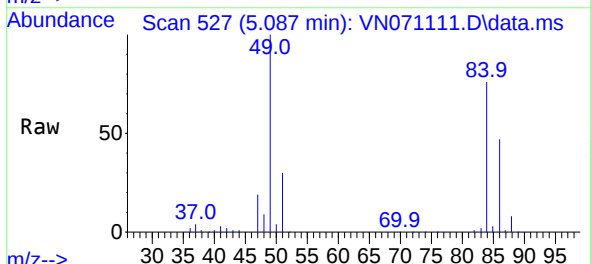
Tgt Ion: 73 Resp: 1161230
Ion Ratio Lower Upper
73 100
57 22.2 16.8 25.2

Manual Integrations
APPROVED

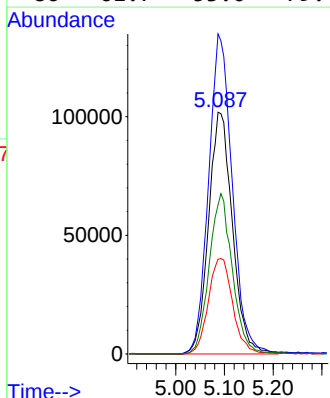
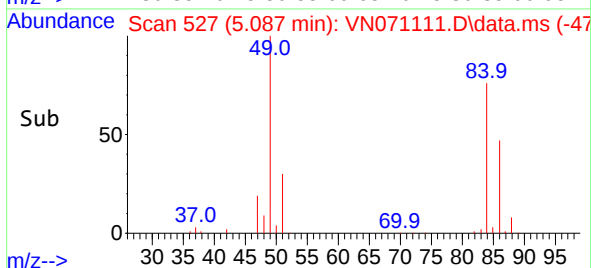
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

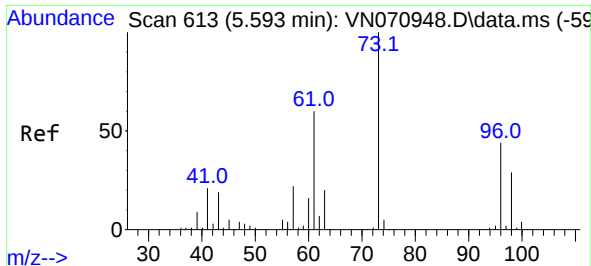


#20
Methylene Chloride
Concen: 45.917 ug/l
RT: 5.087 min Scan# 527
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56



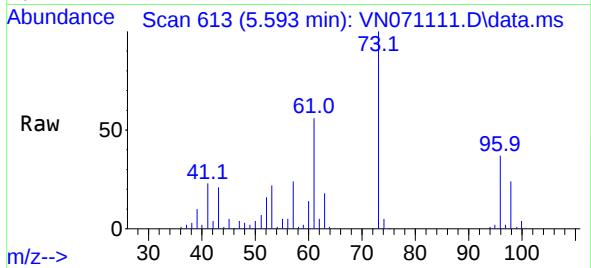
Tgt Ion: 84 Resp: 346725
Ion Ratio Lower Upper
84 100
49 132.4 93.5 140.3
51 39.2 29.4 44.2
86 61.7 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 43.506 ug/l
RT: 5.593 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

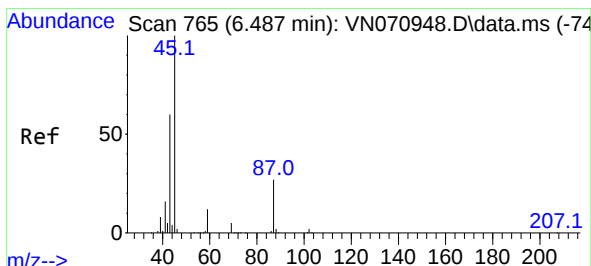
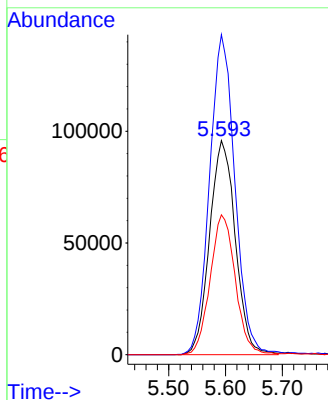
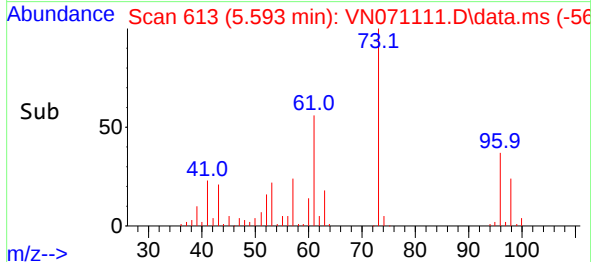
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



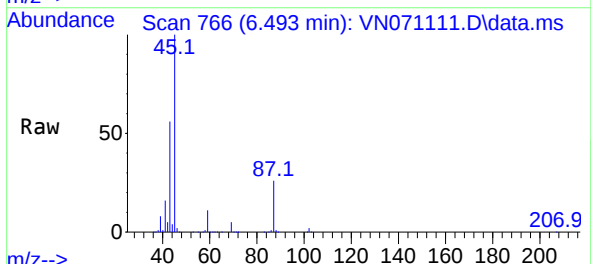
Tgt Ion: 96 Resp: 301923
Ion Ratio Lower Upper
96 100
61 149.3 105.8 158.6
98 65.4 52.0 78.0

Manual Integrations
APPROVED

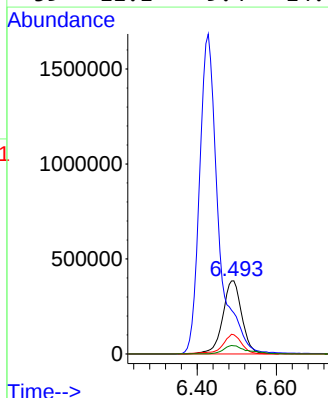
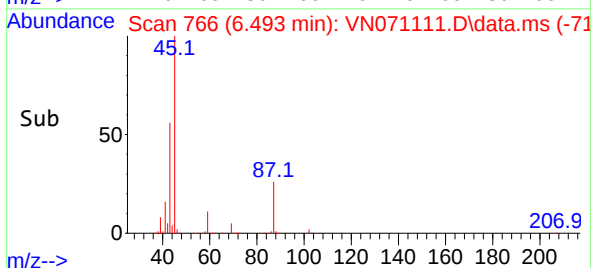
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

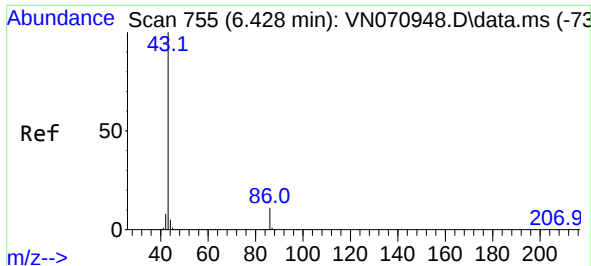


#22
Diisopropyl ether
Concen: 54.348 ug/l
RT: 6.493 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56



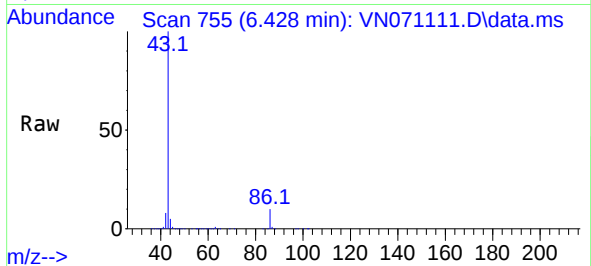
Tgt Ion: 45 Resp: 1285356
Ion Ratio Lower Upper
45 100
43 56.0 51.7 77.5
87 26.2 23.2 34.8
59 11.1 9.4 14.0





#23
 Vinyl Acetate
 Concen: 276.873 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. 0.000 min
 Lab File: VN071111.D
 Acq: 28 Feb 2022 21:56

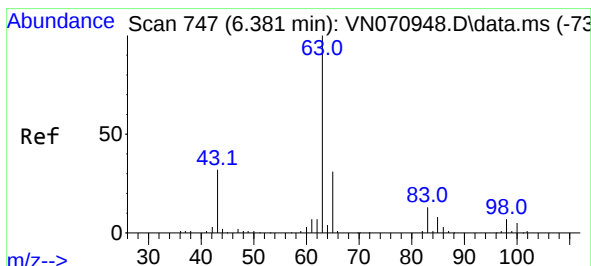
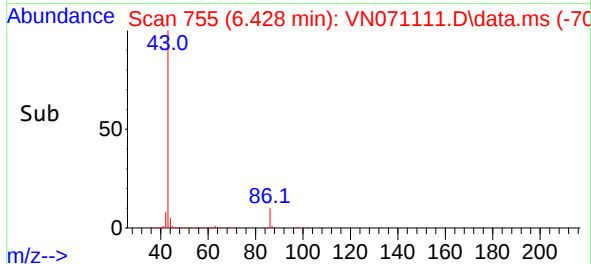
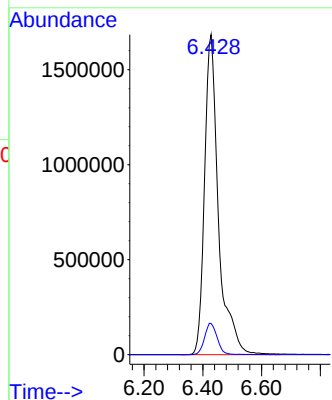
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



Tgt Ion: 43 Resp: 554313
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.5 12.7

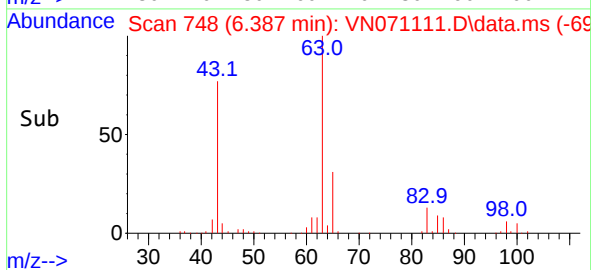
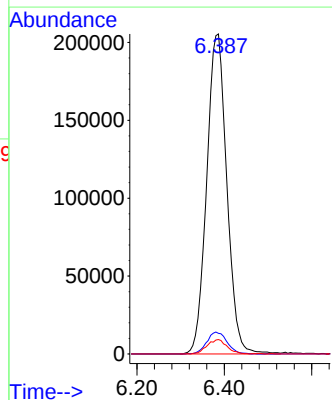
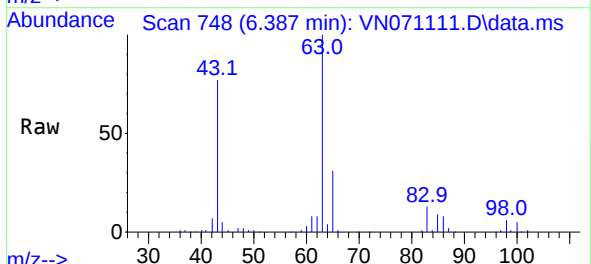
Manual Integrations
 APPROVED

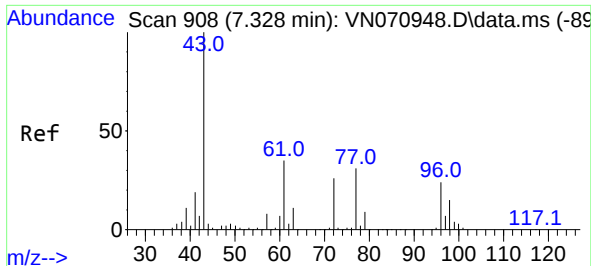
Reviewed By :John Carlone 03/01/2022
 Supervised By :Mahesh Dadoda 03/01/2022



#24
 1,1-Dichloroethane
 Concen: 49.653 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. 0.006 min
 Lab File: VN071111.D
 Acq: 28 Feb 2022 21:56

Tgt Ion: 63 Resp: 658301
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.9
 100 4.5 2.1 6.5





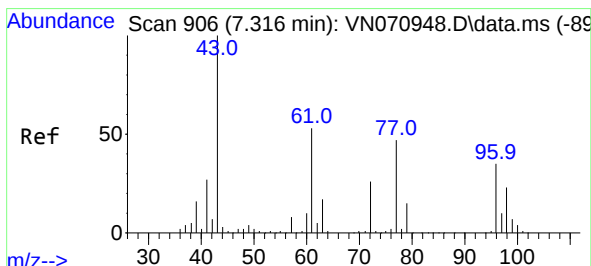
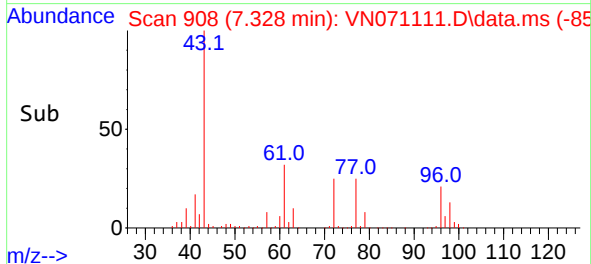
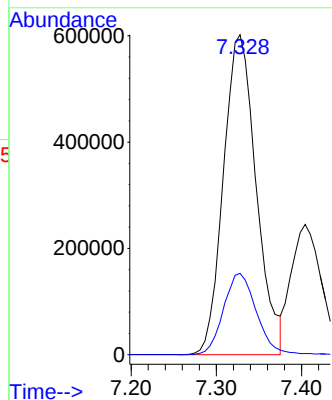
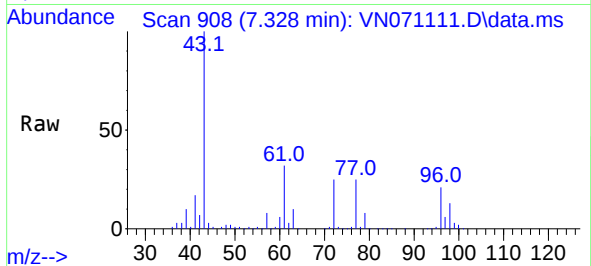
#25
2-Butanone
Concen: 291.660 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 1612049
Ion Ratio Lower Upper
43 100
72 25.4 21.7 32.5

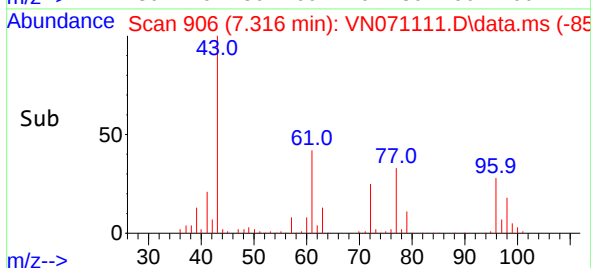
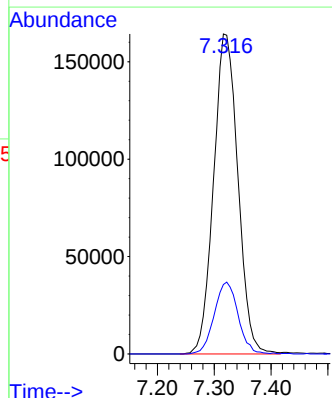
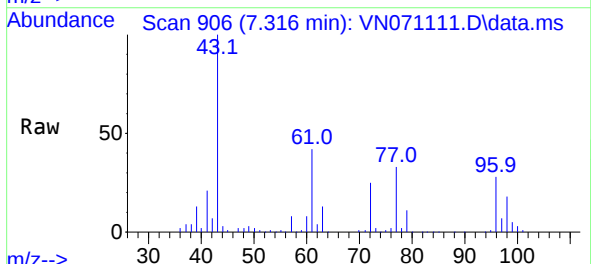
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#26
2,2-Dichloropropane
Concen: 44.297 ug/l
RT: 7.316 min Scan# 906
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

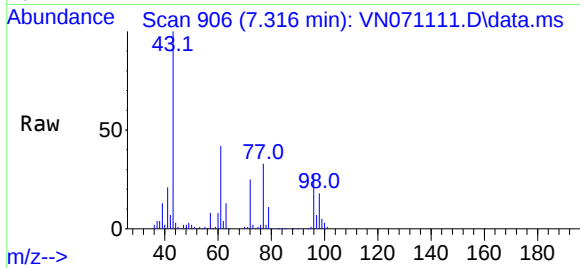
Tgt Ion: 77 Resp: 488093
Ion Ratio Lower Upper
77 100
97 22.0 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 47.603 ug/l
RT: 7.316 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

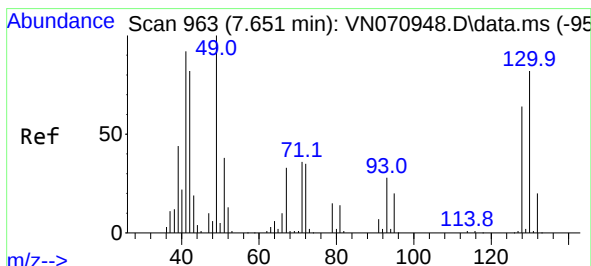
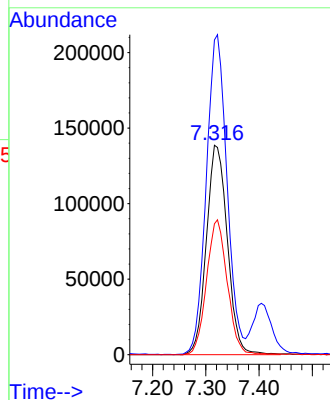
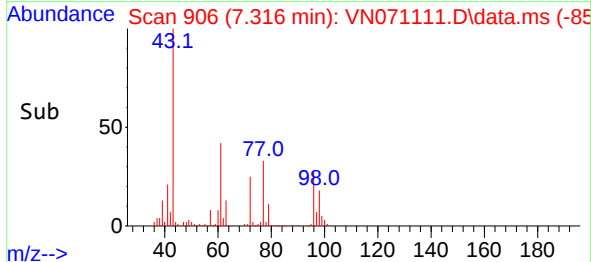
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 96 Resp: 37968
Ion Ratio Lower Upper
96 100
61 151.1 0.0 275.0
98 63.8 0.0 129.6

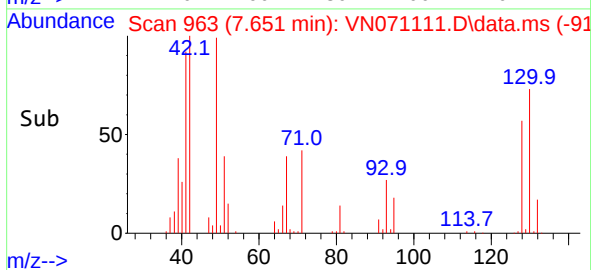
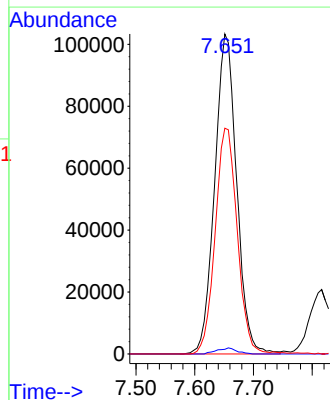
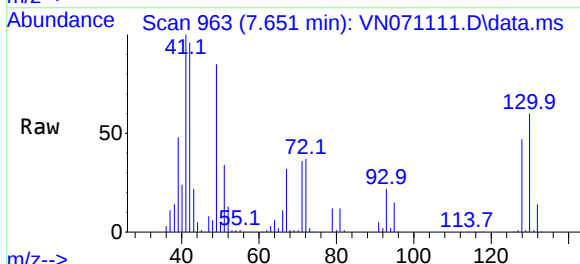
Manual Integrations
APPROVED

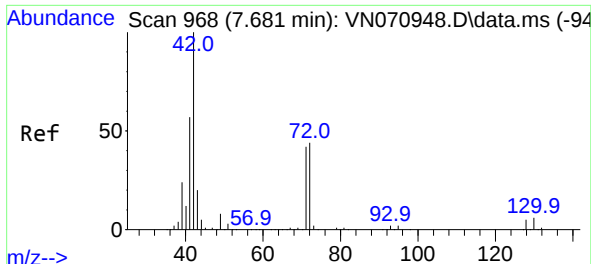
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#28
Bromochloromethane
Concen: 49.940 ug/l
RT: 7.651 min Scan# 963
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

Tgt Ion: 49 Resp: 267983
Ion Ratio Lower Upper
49 100
129 1.7 0.0 4.0
130 70.6 67.8 101.8





#29

Tetrahydrofuran

Concen: 302.511 ug/l

RT: 7.675 min Scan# 90

Delta R.T. -0.006 min

Lab File: VN071111.D

Acq: 28 Feb 2022 21:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 108316

Ion Ratio Lower Upper

42 100

72 41.1 36.3 54.5

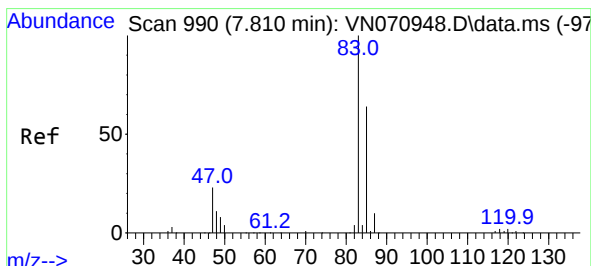
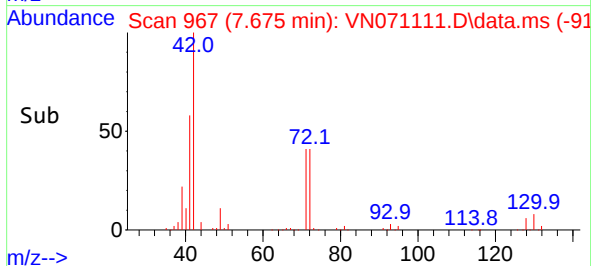
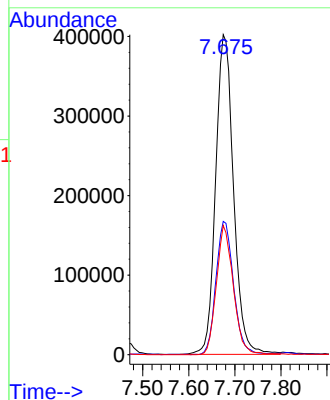
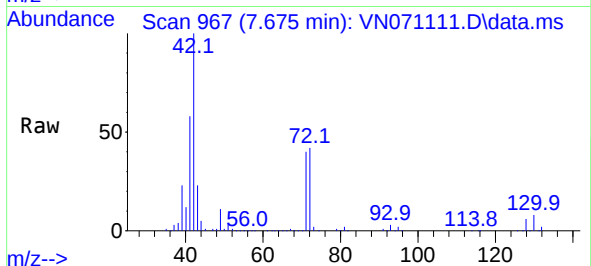
71 38.1 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2022

Supervised By :Mahesh Dadoda 03/01/2022



#30

Chloroform

Concen: 48.128 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN071111.D

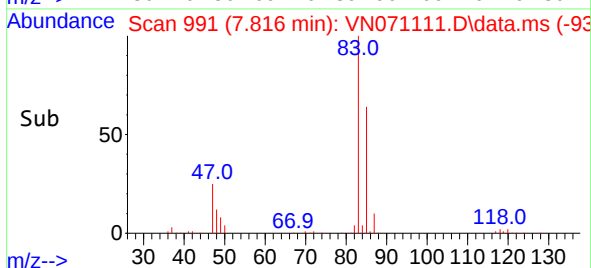
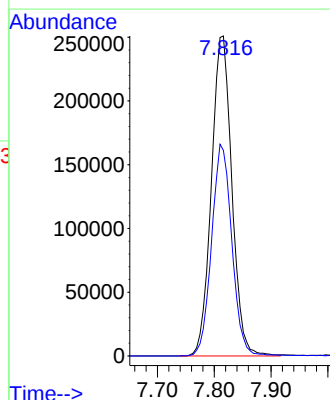
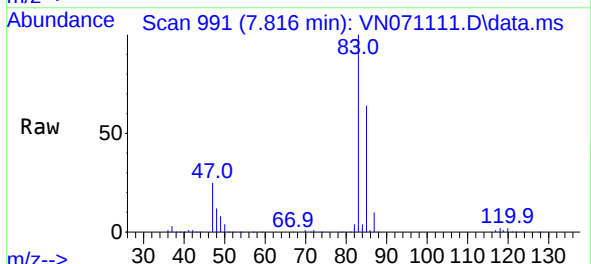
Acq: 28 Feb 2022 21:56

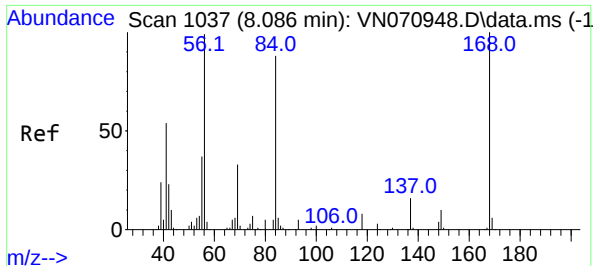
Tgt Ion: 83 Resp: 627573

Ion Ratio Lower Upper

83 100

85 64.2 51.9 77.9





#31

Cyclohexane

Concen: 46.018 ug/l

RT: 8.092 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VN071111.D

Acq: 28 Feb 2022 21:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 600428

Ion Ratio Lower Upper

56 100

69 31.6 27.1 40.7

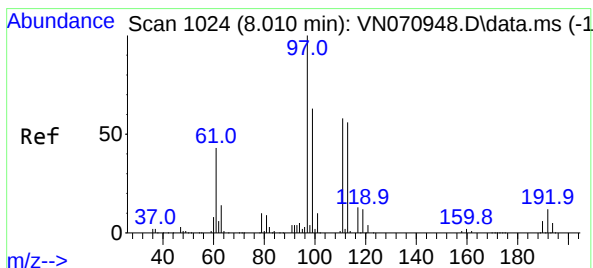
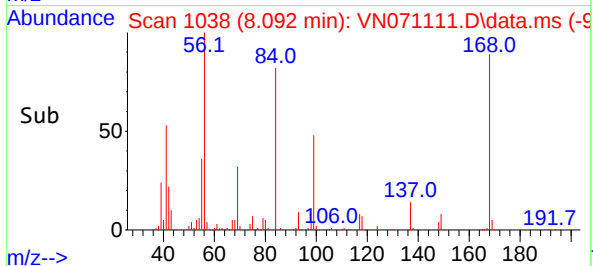
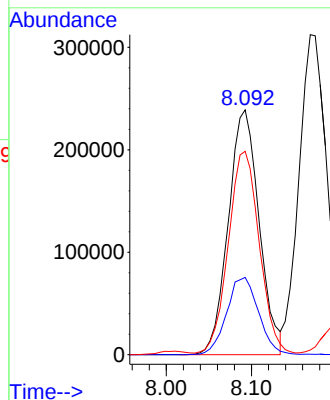
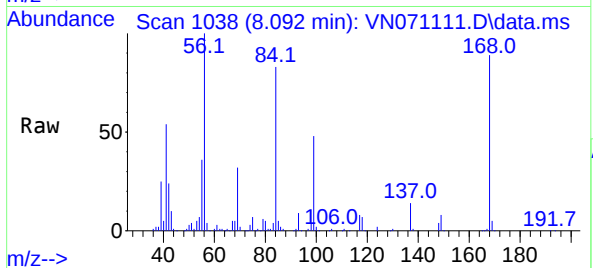
84 81.9 73.4 110.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2022

Supervised By :Mahesh Dadoda 03/01/2022



#32

1,1,1-Trichloroethane

Concen: 47.850 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VN071111.D

Acq: 28 Feb 2022 21:56

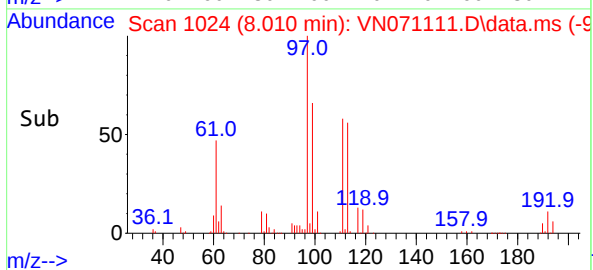
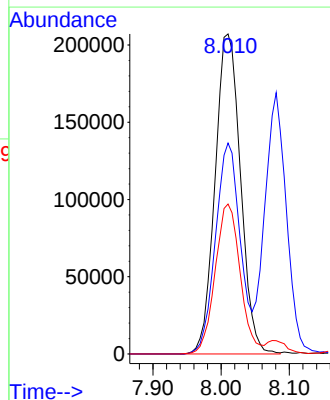
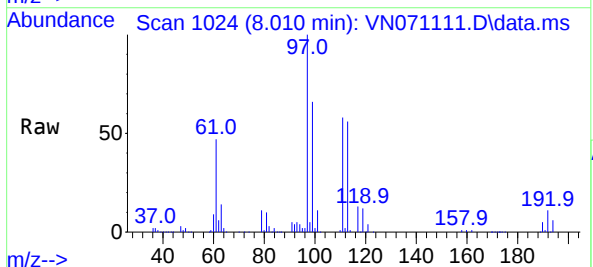
Tgt Ion: 97 Resp: 538835

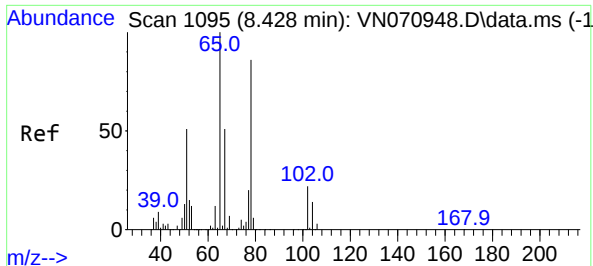
Ion Ratio Lower Upper

97 100

99 64.2 50.1 75.1

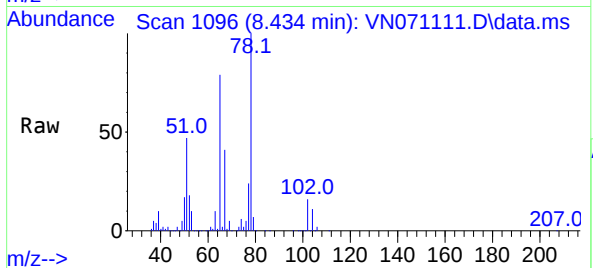
61 46.4 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 52.361 ug/l
RT: 8.434 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

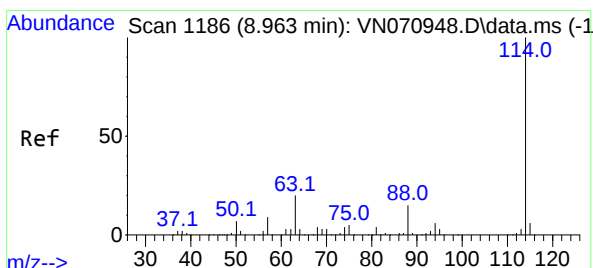
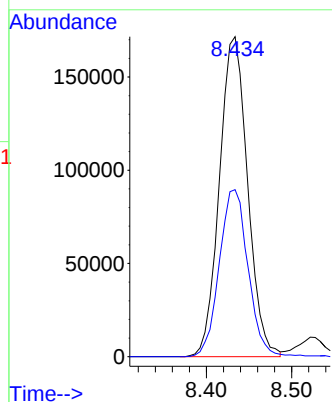
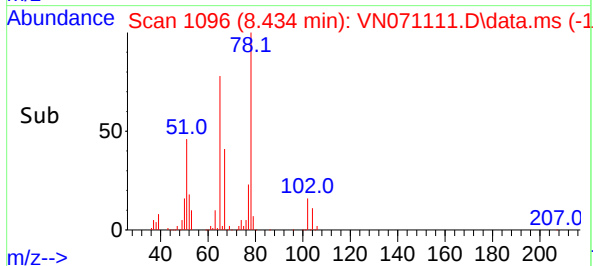
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



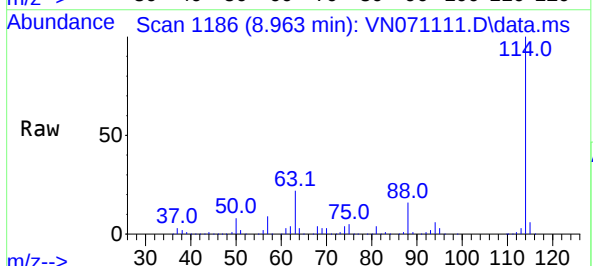
Tgt Ion: 65 Resp: 395032
Ion Ratio Lower Upper
65 100
67 53.3 0.0 103.0

Manual Integrations
APPROVED

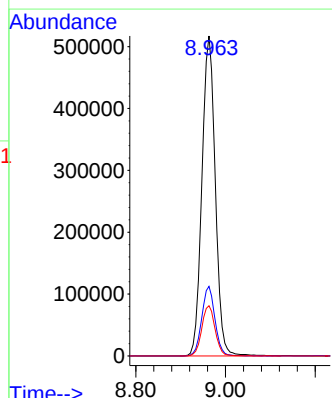
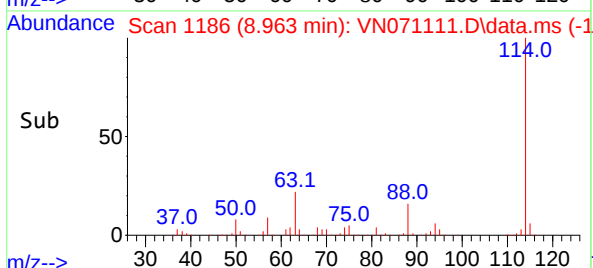
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

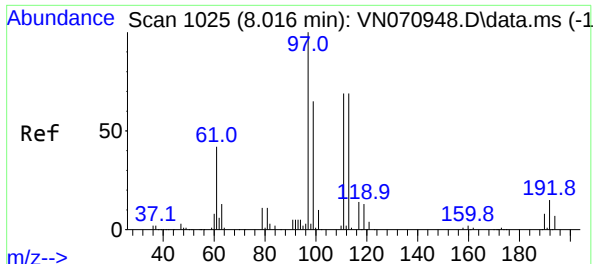


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56



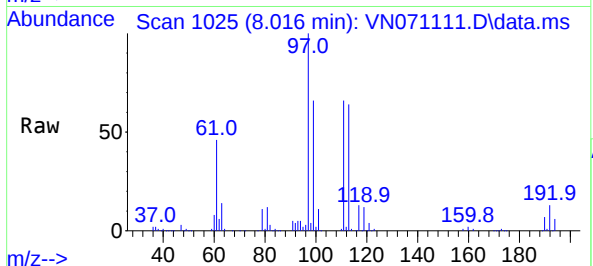
Tgt Ion:114 Resp: 1069027
Ion Ratio Lower Upper
114 100
63 21.7 0.0 37.8
88 15.7 0.0 27.4





#35
Dibromofluoromethane
Concen: 48.933 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

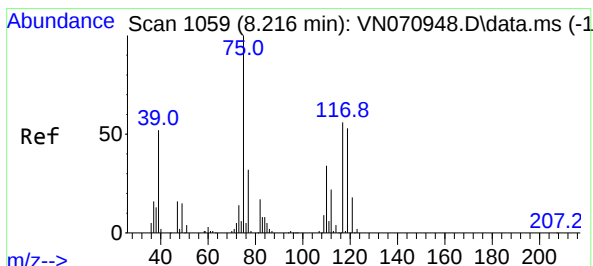
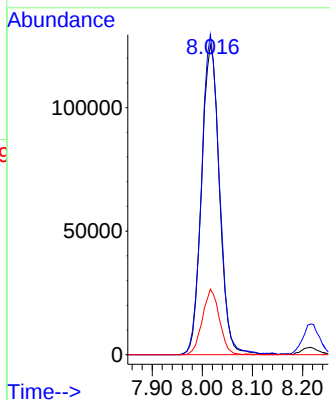
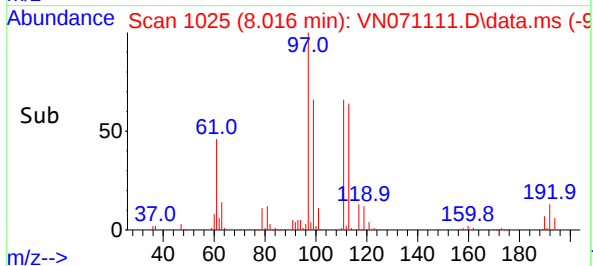
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



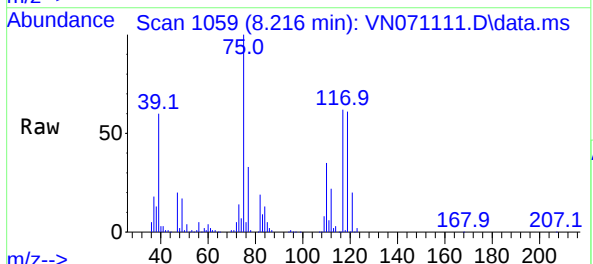
Tgt Ion: 113 Resp: 311144
Ion Ratio Lower Upper
113 100
111 102.6 82.2 123.2
192 20.1 16.9 25.3

Manual Integrations
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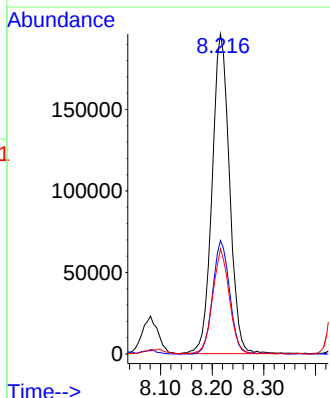
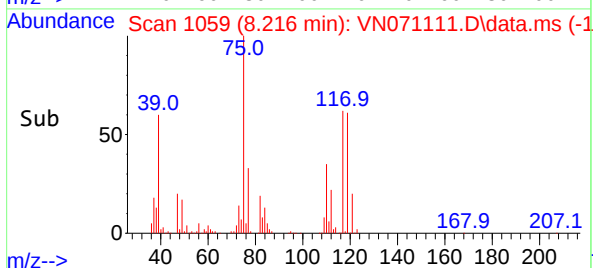
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

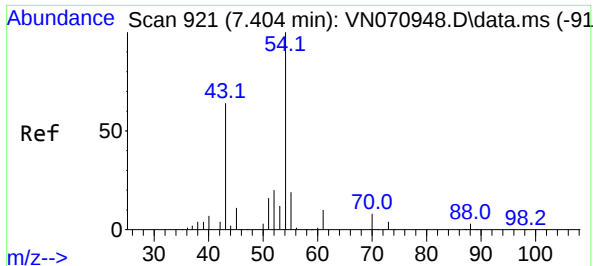


#36
1,1-Dichloropropene
Concen: 44.042 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56



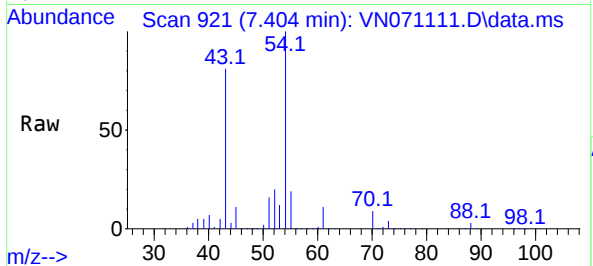
Tgt Ion: 75 Resp: 458809
Ion Ratio Lower Upper
75 100
110 34.4 18.4 55.2
77 31.6 24.4 36.6





#37
Ethyl Acetate
Concen: 57.120 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

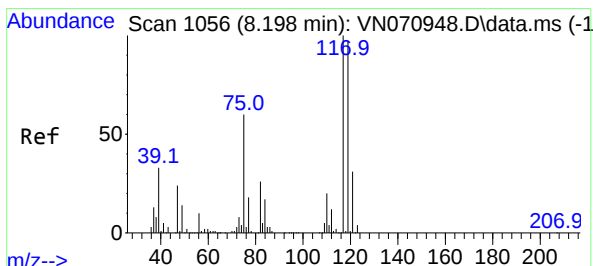
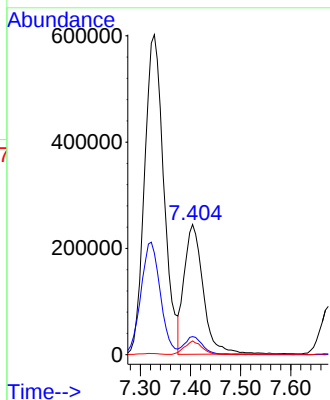
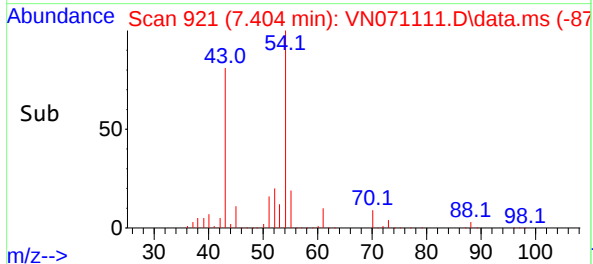
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



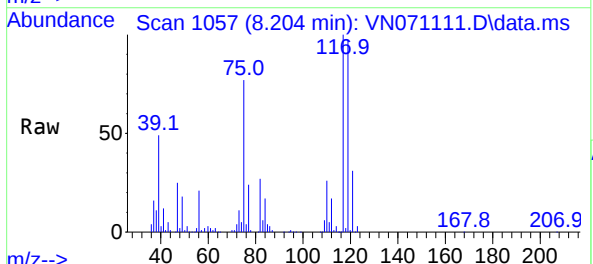
Tgt Ion: 43 Resp: 638172
Ion Ratio Lower Upper
43 100
61 13.3 11.5 17.3
70 9.7 7.9 11.9

Manual Integrations
APPROVED

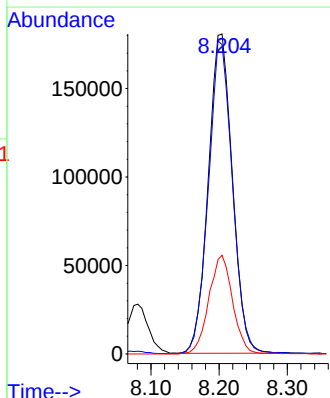
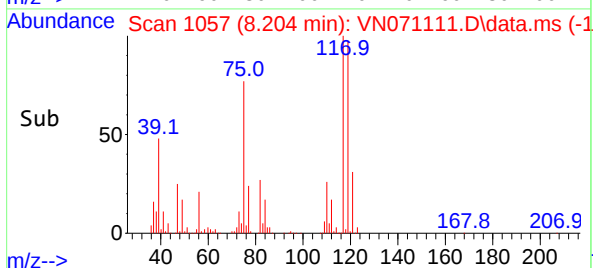
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

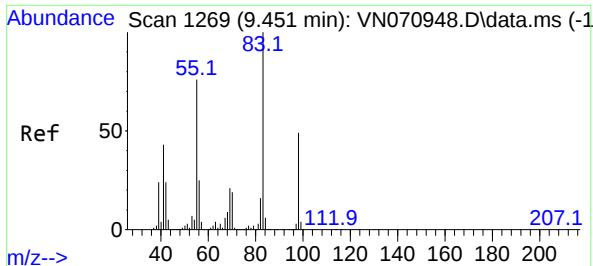


#38
Carbon Tetrachloride
Concen: 43.281 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56



Tgt Ion:117 Resp: 444250
Ion Ratio Lower Upper
117 100
119 96.8 76.1 114.1
121 30.9 24.2 36.2





#39

Methylcyclohexane

Concen: 41.454 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. 0.006 min

Lab File: VN071111.D

Acq: 28 Feb 2022 21:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 55568

Ion Ratio Lower Upper

83 100

55 79.7 58.1 87.1

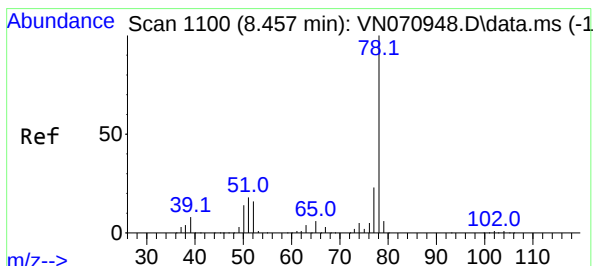
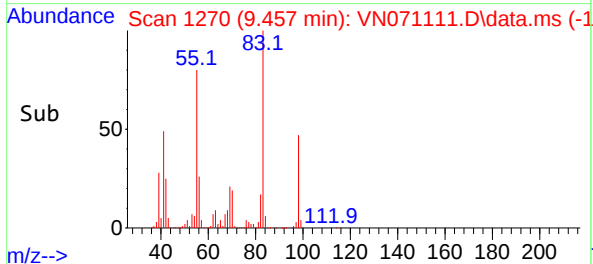
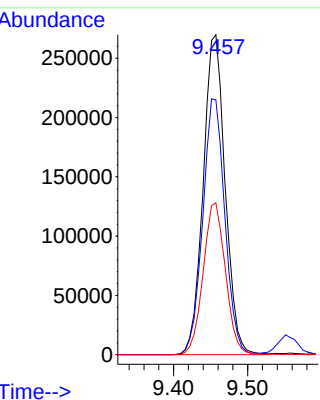
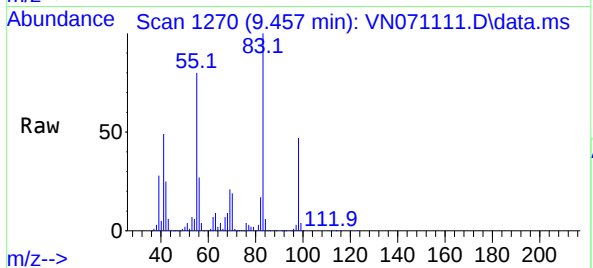
98 47.5 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/01/2022

Supervised By :Mahesh Dadoda 03/01/2022



#40

Benzene

Concen: 46.422 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN071111.D

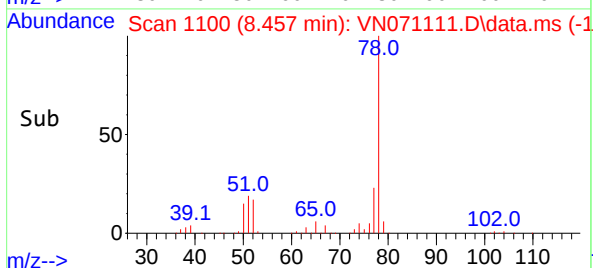
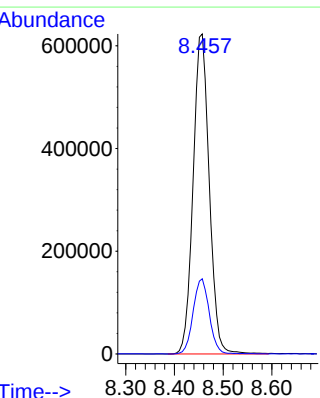
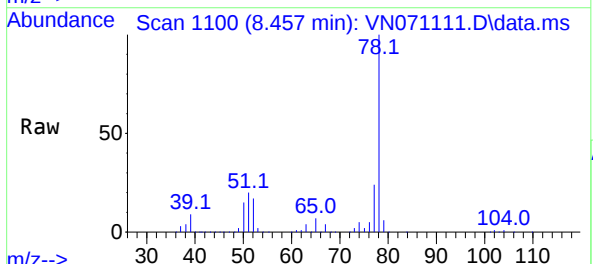
Acq: 28 Feb 2022 21:56

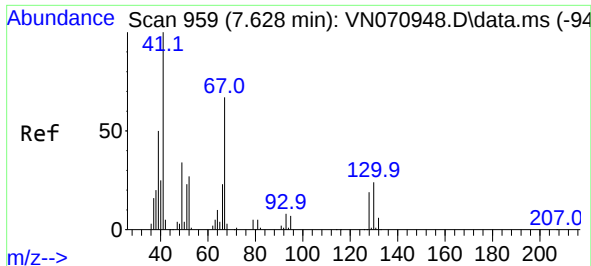
Tgt Ion: 78 Resp: 1430495

Ion Ratio Lower Upper

78 100

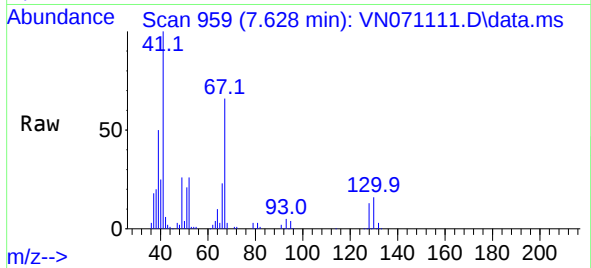
77 23.5 18.6 27.8





#41
Methacrylonitrile
Concen: 53.969 ug/l
RT: 7.628 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

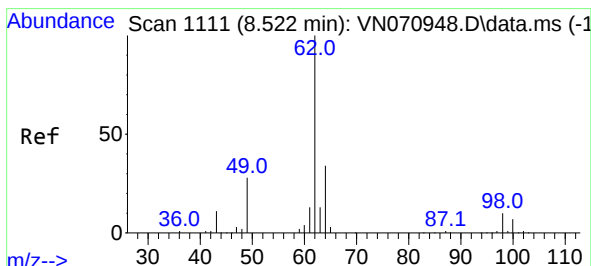
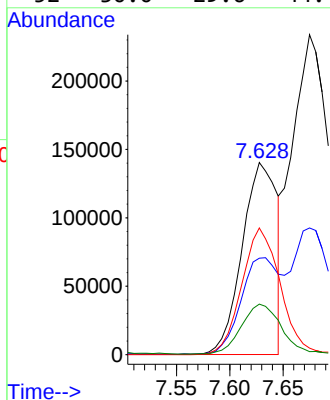
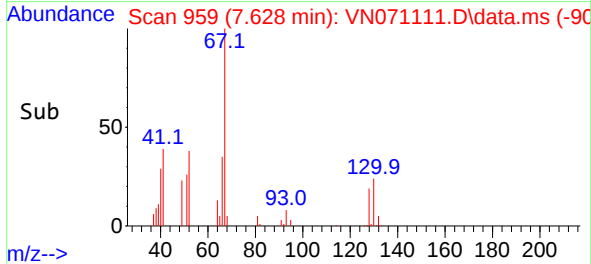
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



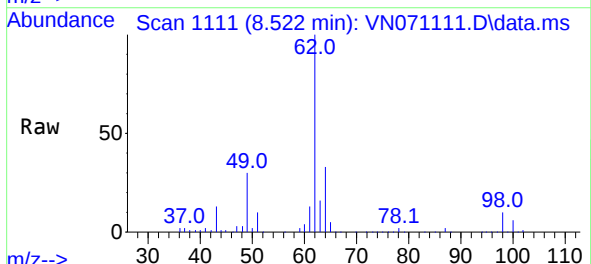
Tgt Ion: 41 Resp: 317568
Ion Ratio Lower Upper
41 100
39 59.0 48.1 72.1
67 74.8 68.3 102.5
52 30.0 29.6 44.4

Manual Integrations
APPROVED

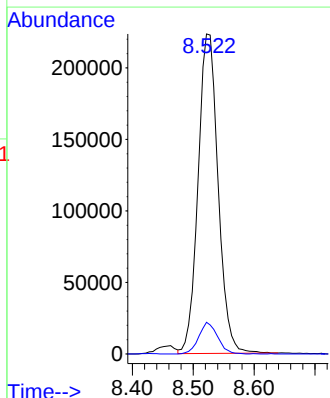
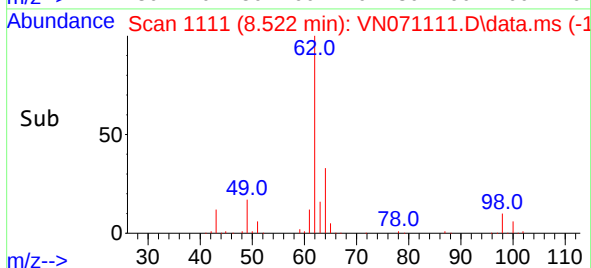
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

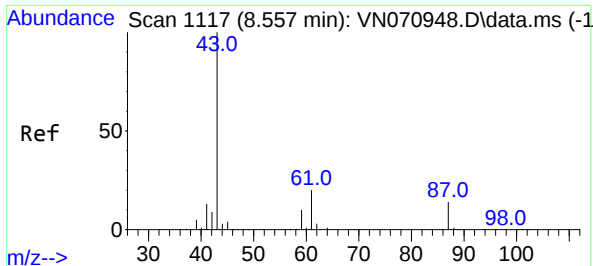


#42
1,2-Dichloroethane
Concen: 48.699 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56



Tgt Ion: 62 Resp: 511095
Ion Ratio Lower Upper
62 100
98 9.3 0.0 17.6





#43
Isopropyl Acetate
Concen: 55.898 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

Instrument :

MSVOA_N

ClientSampleId :

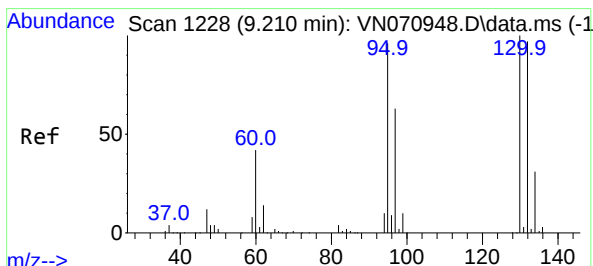
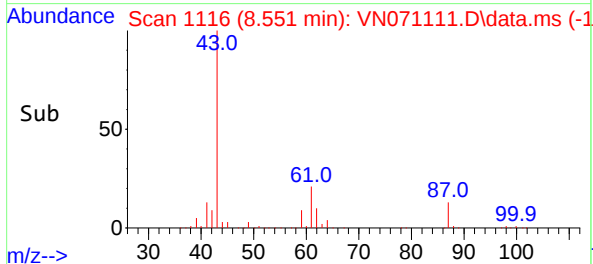
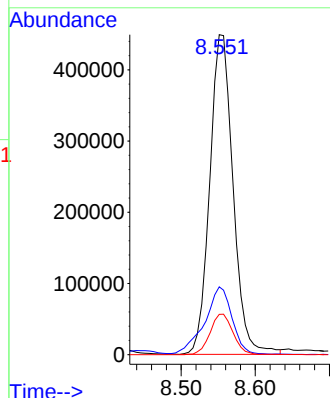
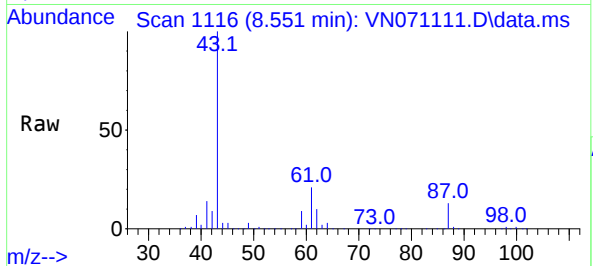
VSTDCCC050EC

Tgt Ion: 43 Resp: 98438
Ion Ratio Lower Upper
43 100
61 24.7 20.4 30.6
87 12.6 11.2 16.8

Manual Integrations

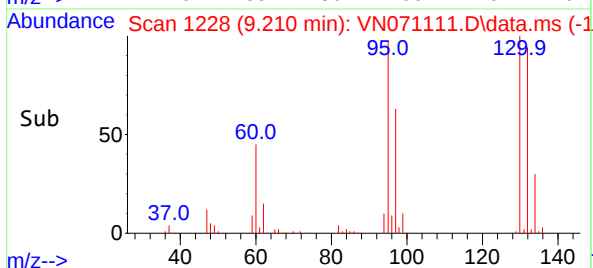
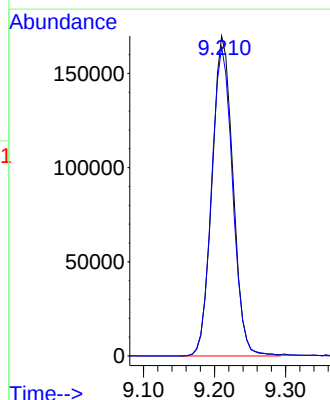
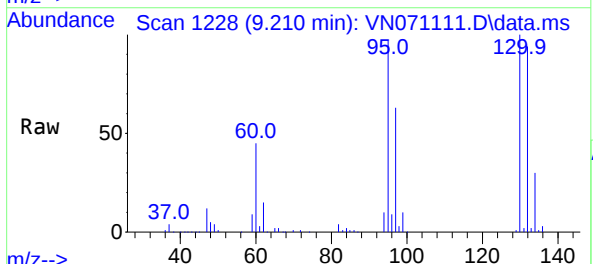
APPROVED

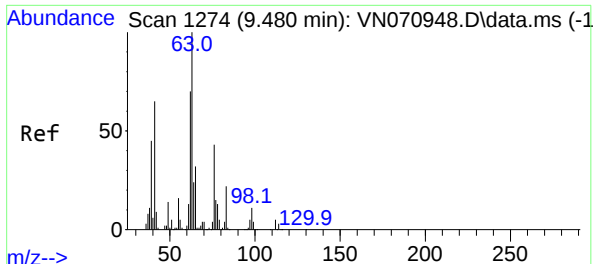
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#44
Trichloroethene
Concen: 42.769 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

Tgt Ion:130 Resp: 347043
Ion Ratio Lower Upper
130 100
95 96.5 0.0 191.2





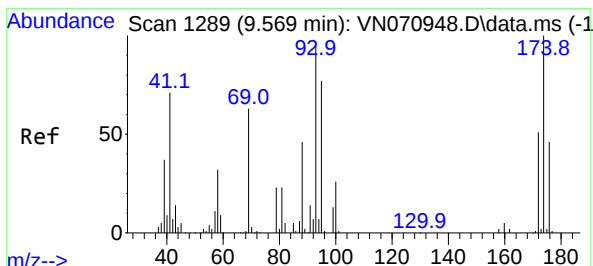
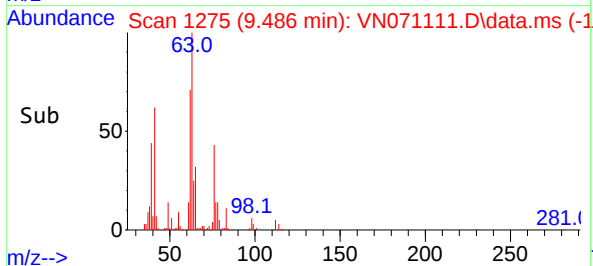
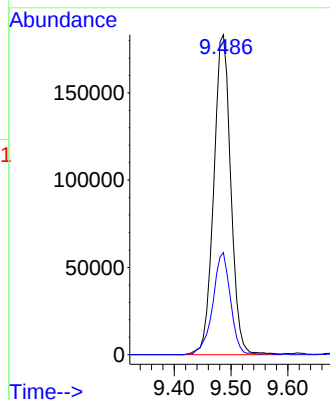
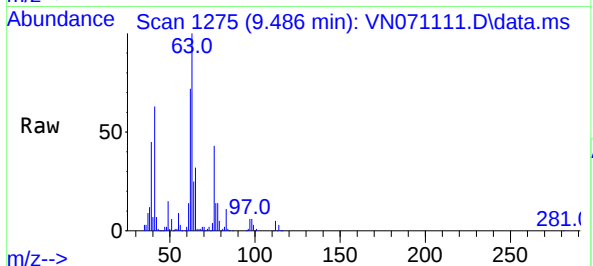
#45
1,2-Dichloropropane
Concen: 48.508 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.006 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 63 Resp: 38289
Ion Ratio Lower Upper
63 100
65 31.9 24.7 37.1

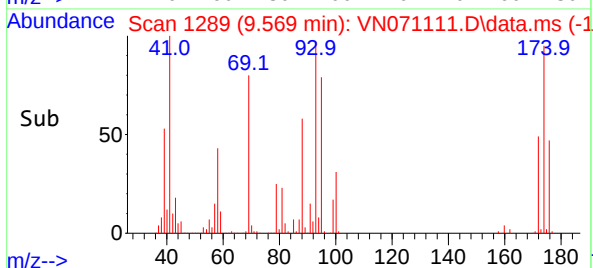
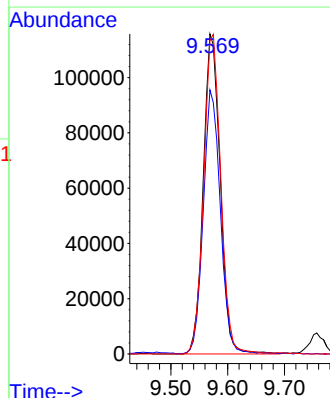
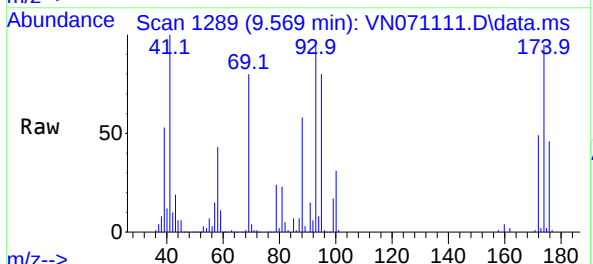
Manual Integrations
APPROVED

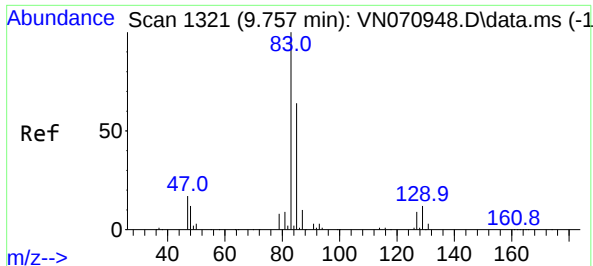
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#46
Dibromomethane
Concen: 46.080 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

Tgt Ion: 93 Resp: 239368
Ion Ratio Lower Upper
93 100
95 83.5 65.9 98.9
174 101.0 84.6 127.0





#47
Bromodichloromethane
Concen: 46.149 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

Instrument :

MSVOA_N

ClientSampleId :

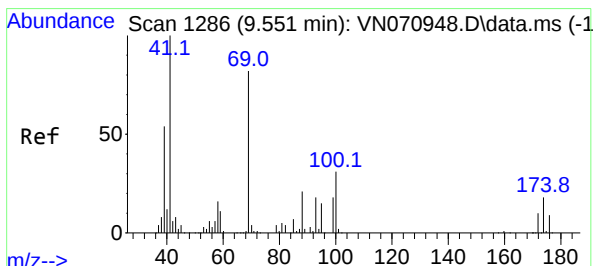
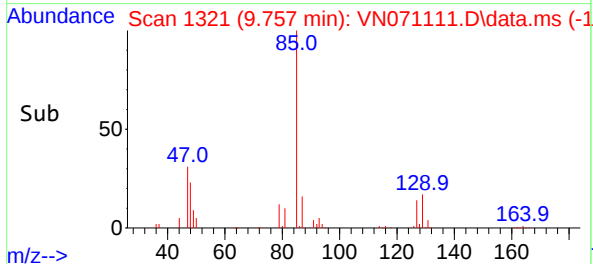
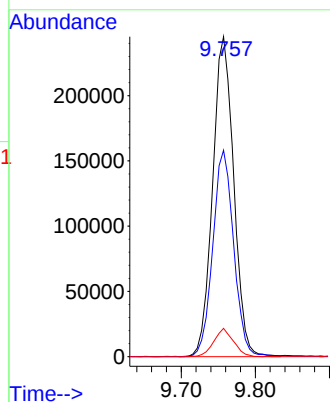
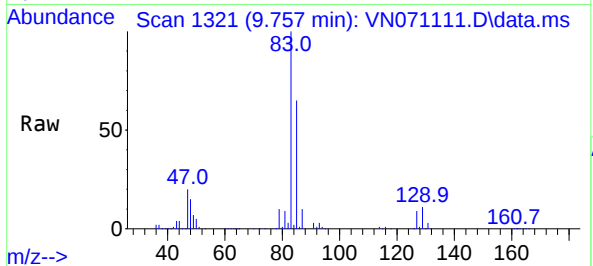
VSTDCCC050EC

Tgt Ion: 83 Resp: 484489
Ion Ratio Lower Upper
83 100
85 64.5 50.9 76.3
127 8.9 7.1 10.7

Manual Integrations

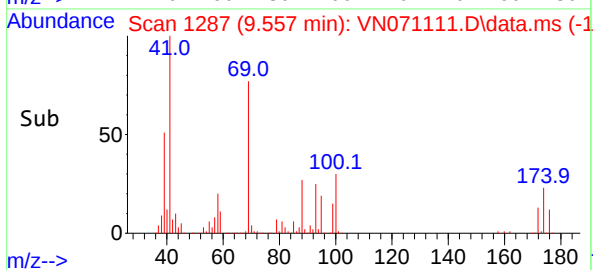
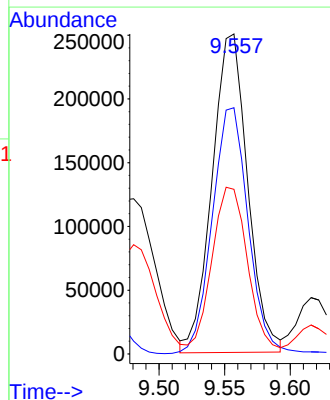
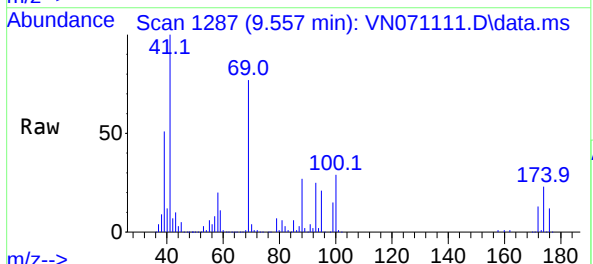
APPROVED

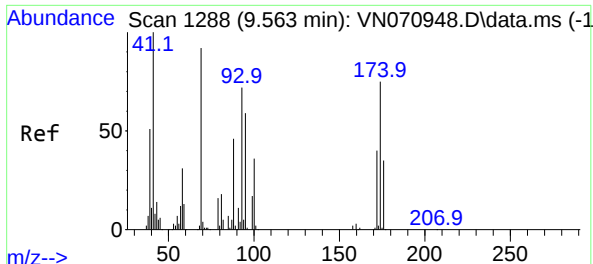
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#48
Methyl methacrylate
Concen: 56.528 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

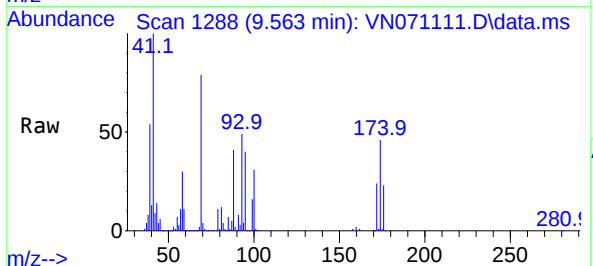
Tgt Ion: 41 Resp: 471190
Ion Ratio Lower Upper
41 100
69 78.7 72.4 108.6
39 52.6 58.4 87.6#





#49
1,4-Dioxane
Concen: 1116.440 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

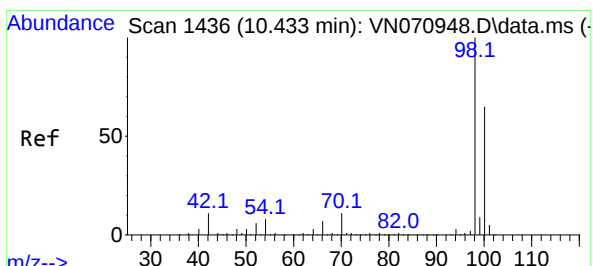
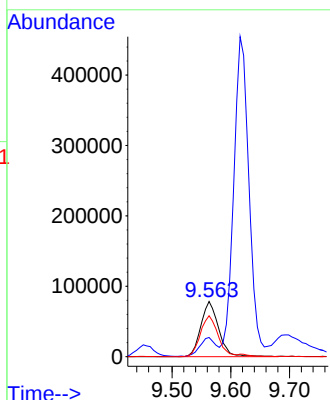
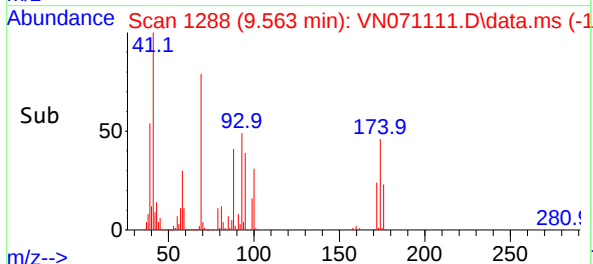
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



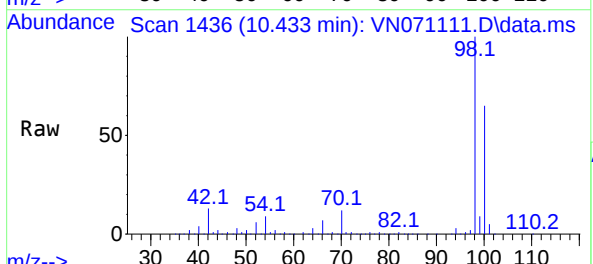
Tgt Ion: 88 Resp: 16528
Ion Ratio Lower Upper
88 100
43 30.8 23.4 35.2
58 73.3 50.6 75.8

Manual Integrations
APPROVED

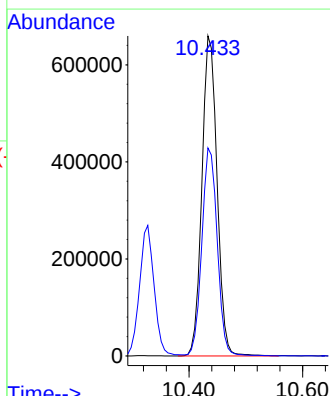
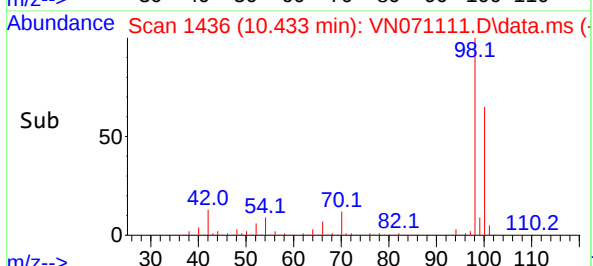
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

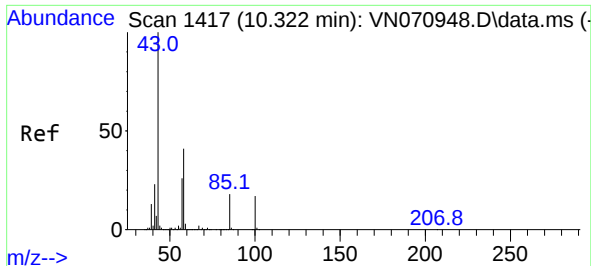


#50
Toluene-d8
Concen: 47.717 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56



Tgt Ion: 98 Resp: 1218490
Ion Ratio Lower Upper
98 100
100 66.2 50.4 75.6





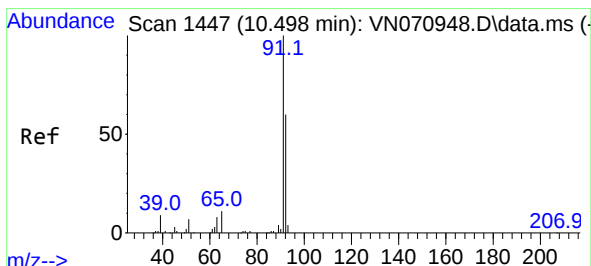
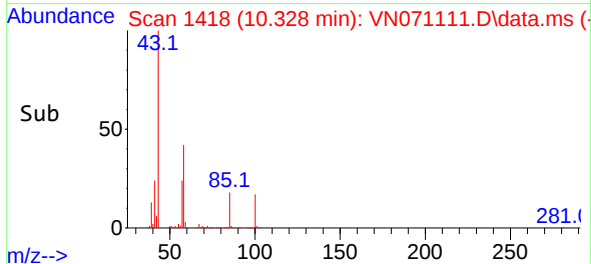
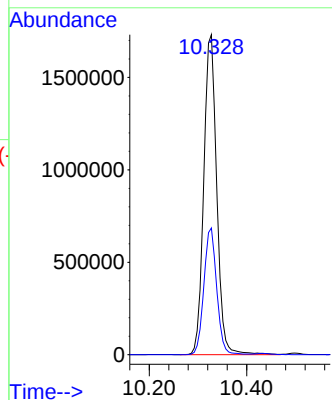
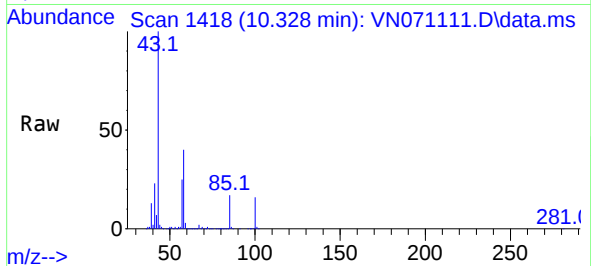
#51
4-Methyl-2-Pentanone
Concen: 298.497 ug/l
RT: 10.328 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 319823
Ion Ratio Lower Upper
43 100
58 39.1 30.4 45.6

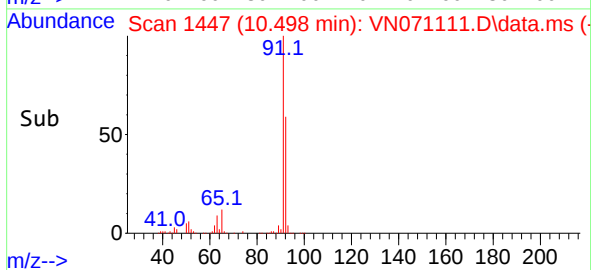
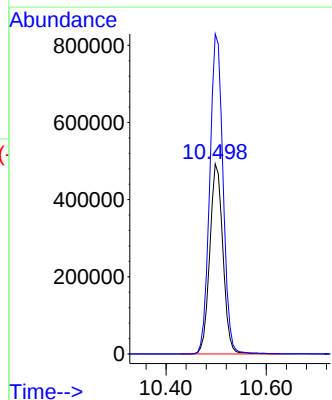
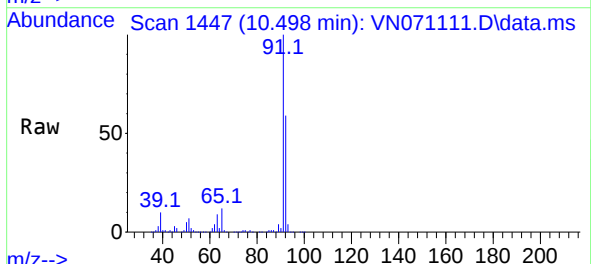
Manual Integrations
APPROVED

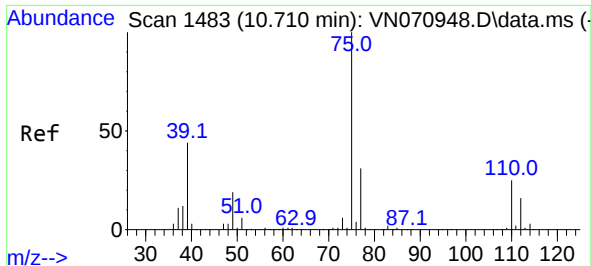
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#52
Toluene
Concen: 46.219 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

Tgt Ion: 92 Resp: 894940
Ion Ratio Lower Upper
92 100
91 170.8 142.0 213.0





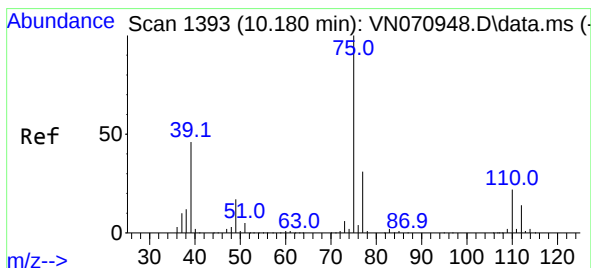
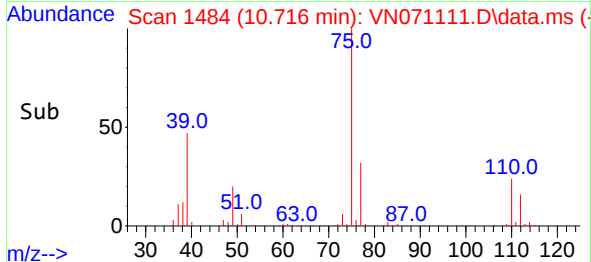
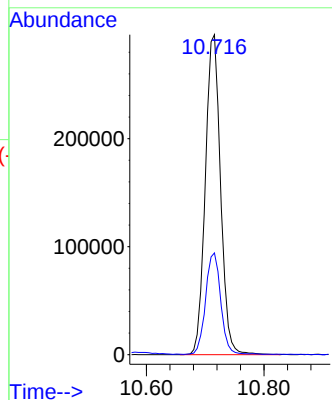
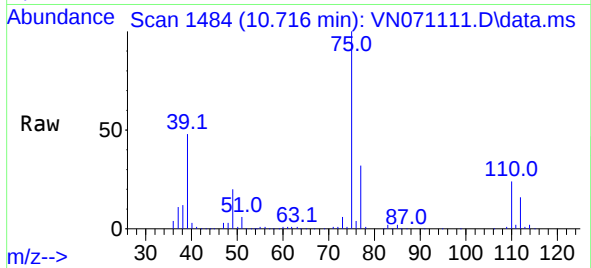
#53
 t-1,3-Dichloropropene
 Concen: 46.842 ug/l
 RT: 10.716 min Scan# 1483
 Delta R.T. 0.006 min
 Lab File: VN071111.D
 Acq: 28 Feb 2022 21:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 75 Resp: 534734
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.6 38.4

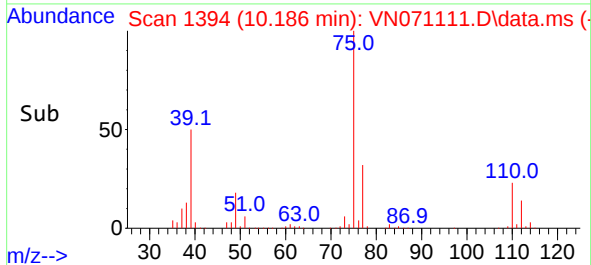
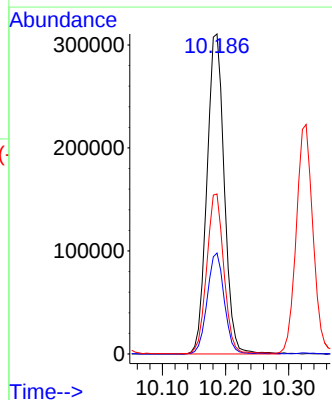
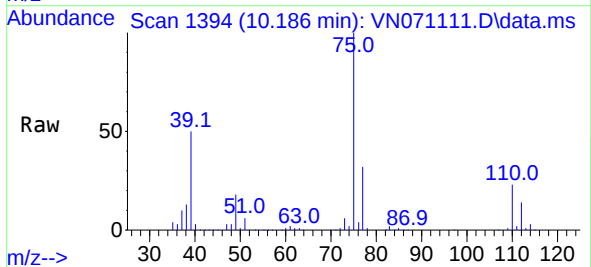
Manual Integrations
 APPROVED

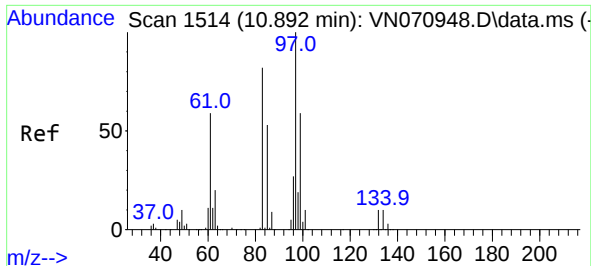
Reviewed By :John Carlone 03/01/2022
 Supervised By :Mahesh Dadoda 03/01/2022



#54
 cis-1,3-Dichloropropene
 Concen: 47.317 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.006 min
 Lab File: VN071111.D
 Acq: 28 Feb 2022 21:56

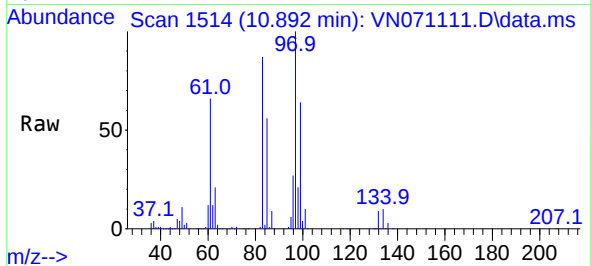
Tgt Ion: 75 Resp: 593202
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.4 39.6
 39 49.9 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 46.660 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

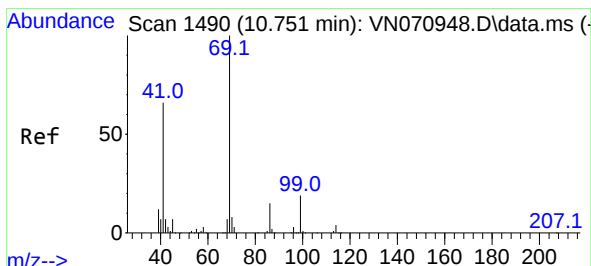
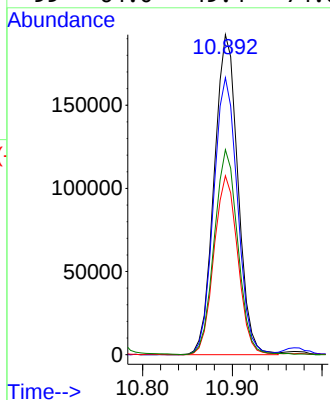
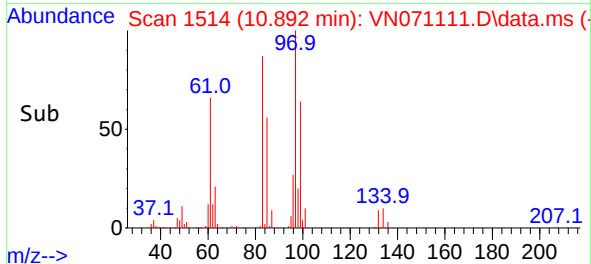
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



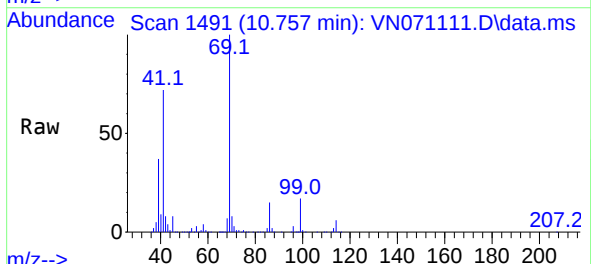
Tgt Ion: 97 Resp: 35365
Ion Ratio Lower Upper
97 100
83 86.5 67.8 101.6
85 55.9 45.4 68.2
99 64.0 49.4 74.0

Manual Integrations
APPROVED

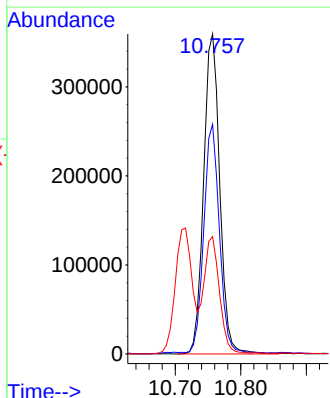
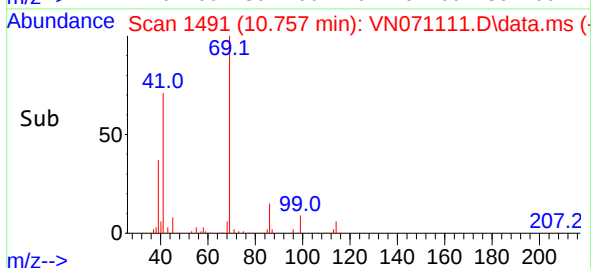
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

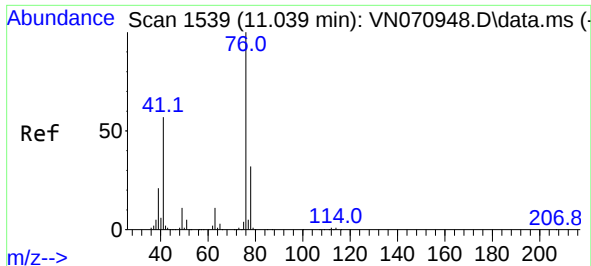


#56
Ethyl methacrylate
Concen: 53.787 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56



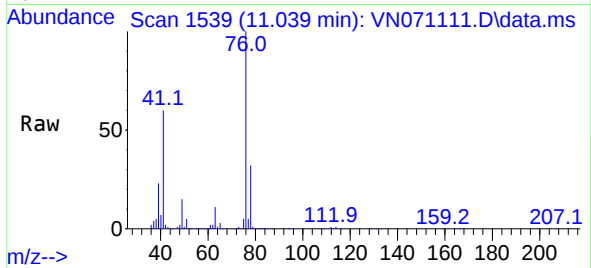
Tgt Ion: 69 Resp: 614227
Ion Ratio Lower Upper
69 100
41 69.2 51.4 77.0
39 35.3 34.6 52.0





#57
1,3-Dichloropropane
Concen: 49.209 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

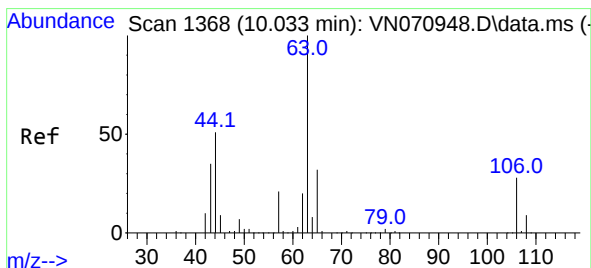
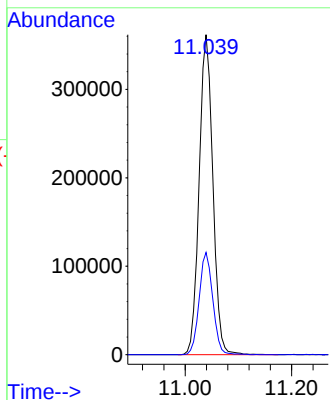
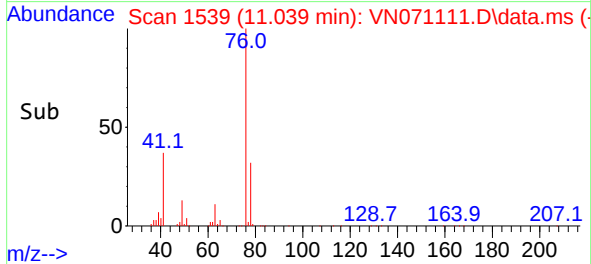
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



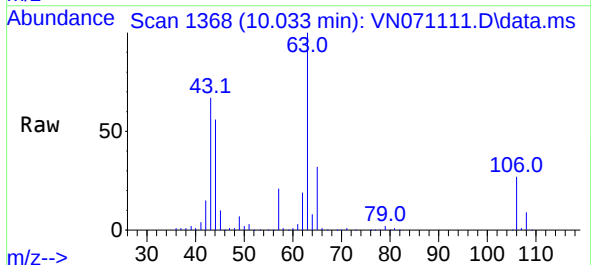
Tgt Ion: 76 Resp: 645144
Ion Ratio Lower Upper
76 100
78 31.7 25.7 38.5

Manual Integrations
APPROVED

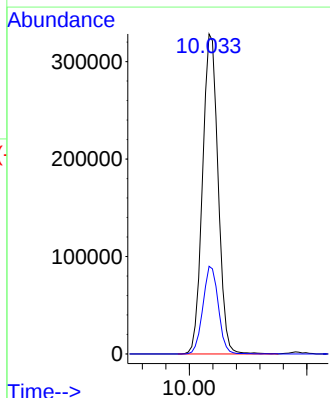
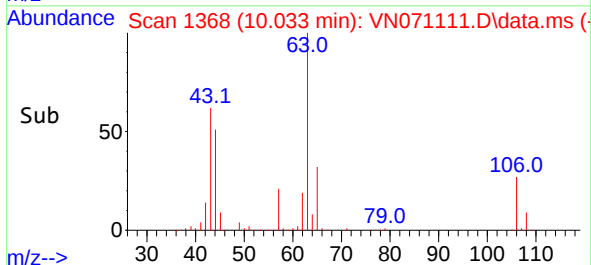
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

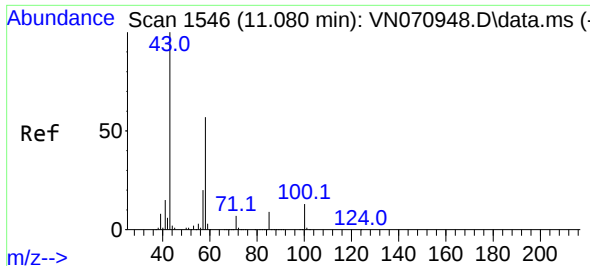


#58
2-Chloroethyl Vinyl ether
Concen: 238.469 ug/l
RT: 10.033 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56



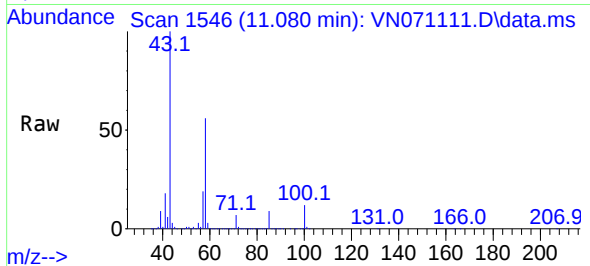
Tgt Ion: 63 Resp: 601487
Ion Ratio Lower Upper
63 100
106 27.1 23.9 35.9





#59
2-Hexanone
Concen: 307.599 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

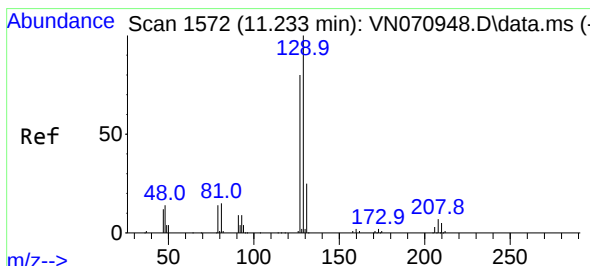
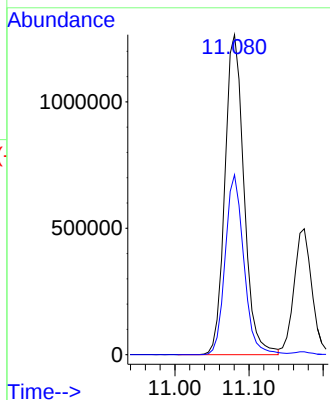
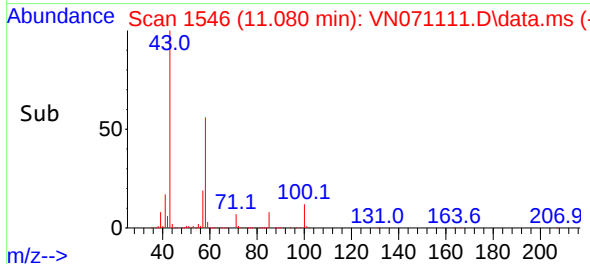
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



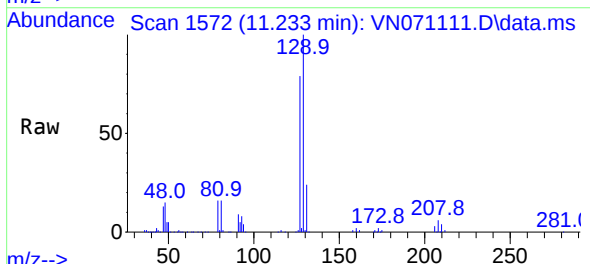
Tgt Ion: 43 Resp: 2266668
Ion Ratio Lower Upper
43 100
58 54.8 26.9 80.7

Manual Integrations
APPROVED

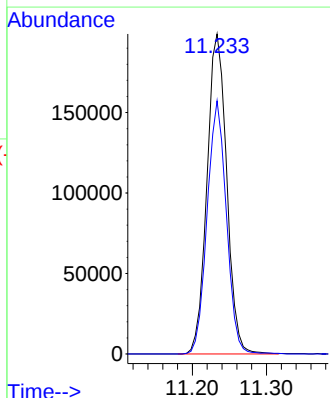
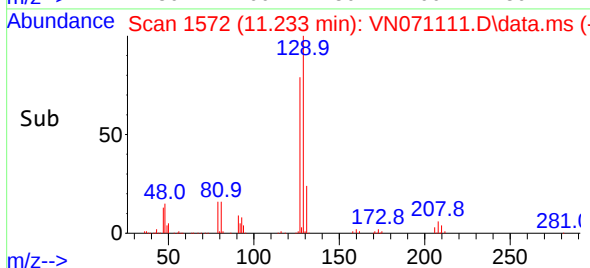
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

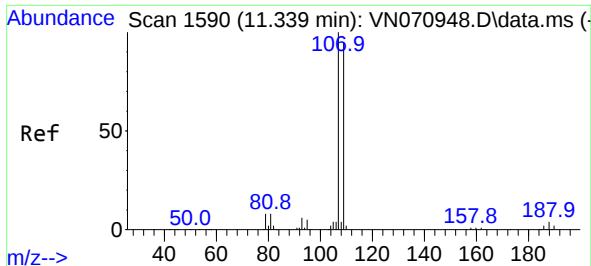


#60
Dibromochloromethane
Concen: 45.866 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56



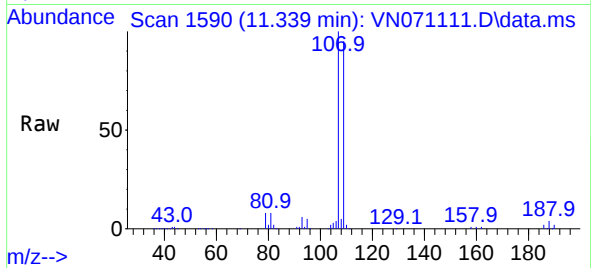
Tgt Ion:129 Resp: 367384
Ion Ratio Lower Upper
129 100
127 77.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 47.459 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

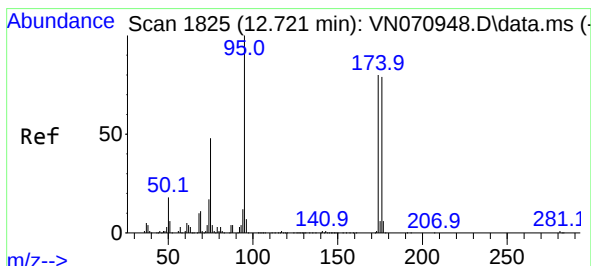
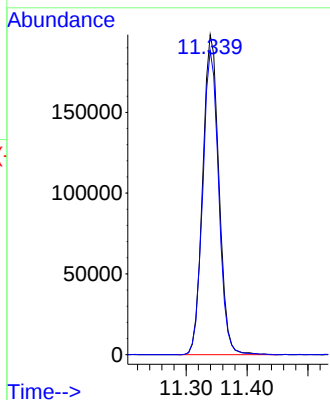
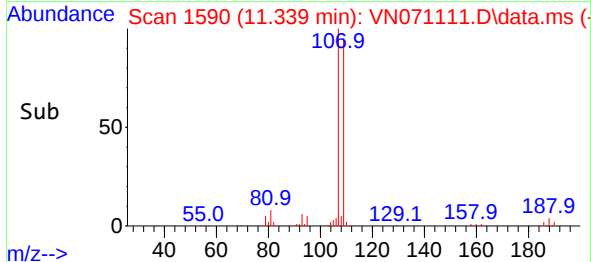
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



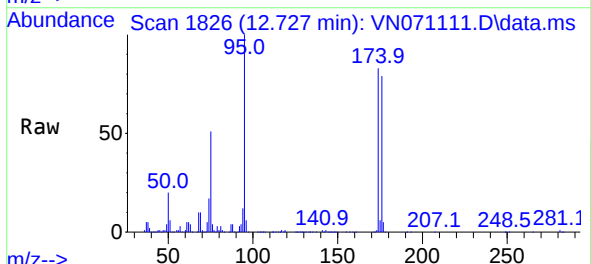
Tgt Ion:107 Resp: 36587
Ion Ratio Lower Upper
107 100
109 93.8 75.7 113.5

Manual Integrations
APPROVED

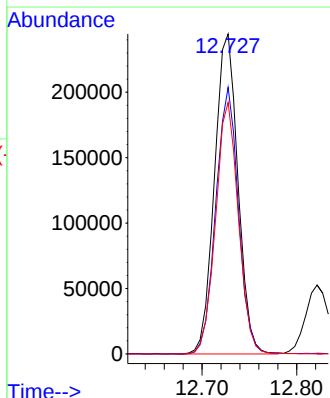
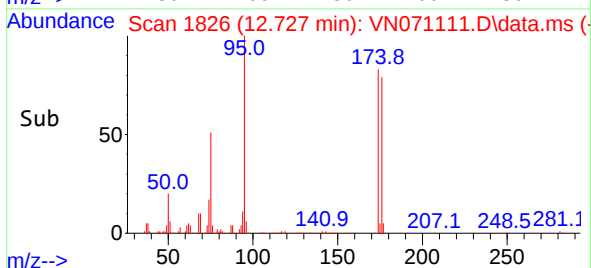
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

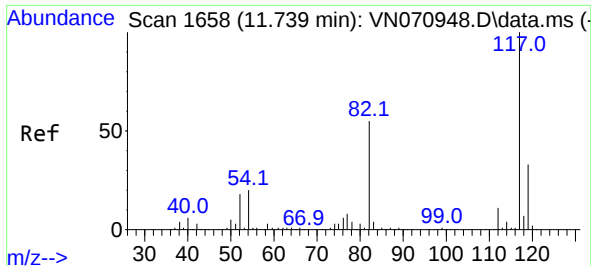


#62
4-Bromofluorobenzene
Concen: 46.011 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56



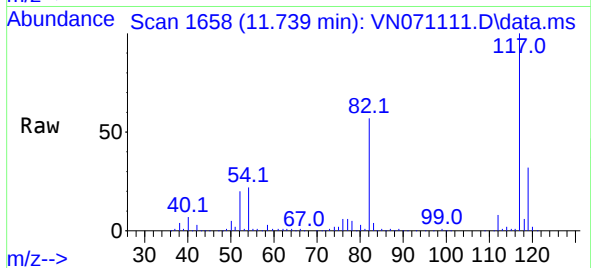
Tgt Ion: 95 Resp: 419962
Ion Ratio Lower Upper
95 100
174 80.6 0.0 187.2
176 76.4 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

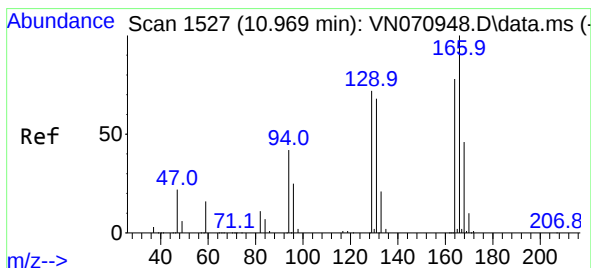
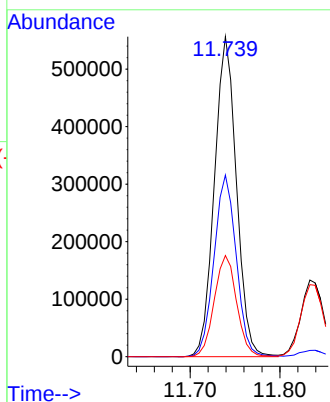
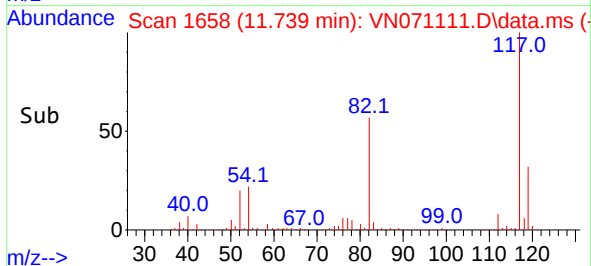
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



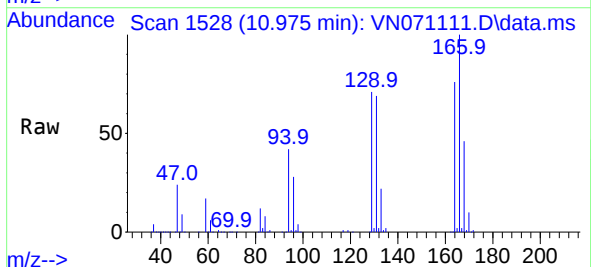
Tgt Ion:117 Resp: 94810
Ion Ratio Lower Upper
117 100
82 56.7 42.4 63.6
119 31.6 25.4 38.2

Manual Integrations
APPROVED

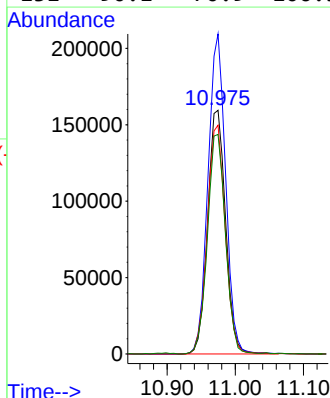
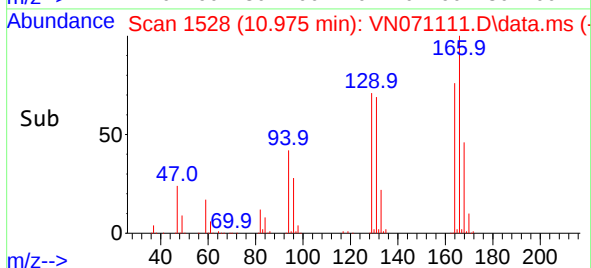
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

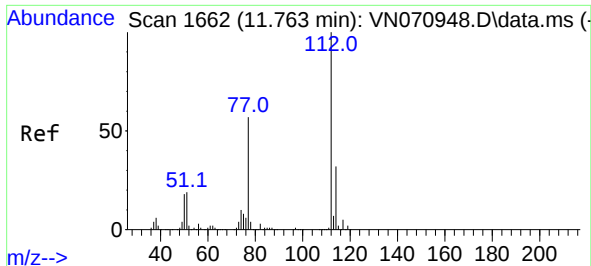


#64
Tetrachloroethene
Concen: 39.784 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.006 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56



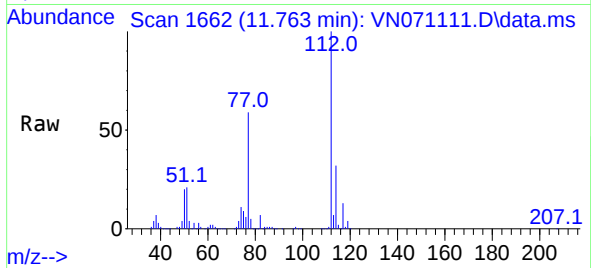
Tgt Ion:164 Resp: 293755
Ion Ratio Lower Upper
164 100
166 131.3 101.9 152.9
129 93.9 72.0 108.0
131 90.1 70.9 106.3





#65
Chlorobenzene
Concen: 45.765 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

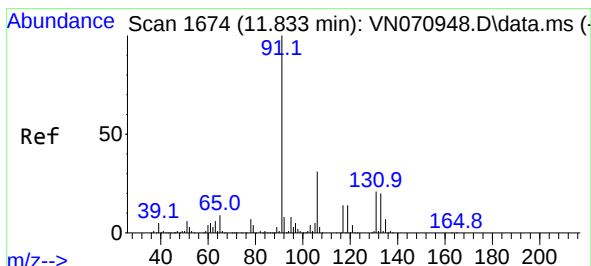
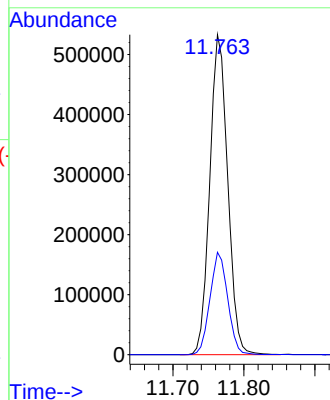
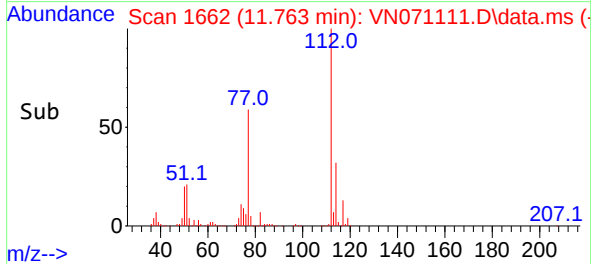
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



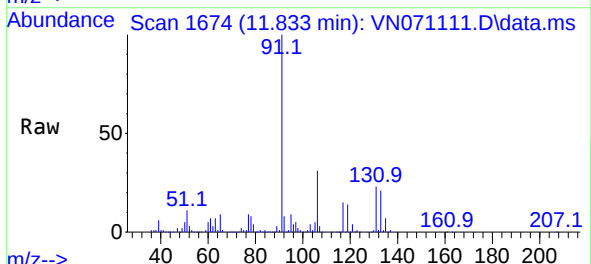
Tgt Ion:112 Resp: 934998
Ion Ratio Lower Upper
112 100
114 32.0 25.4 38.0

Manual Integrations
APPROVED

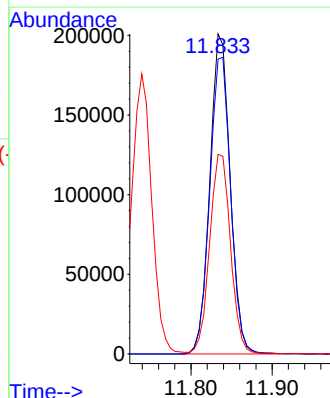
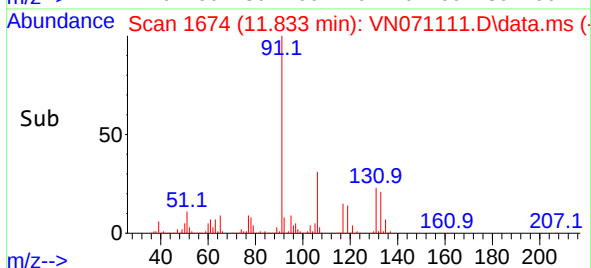
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

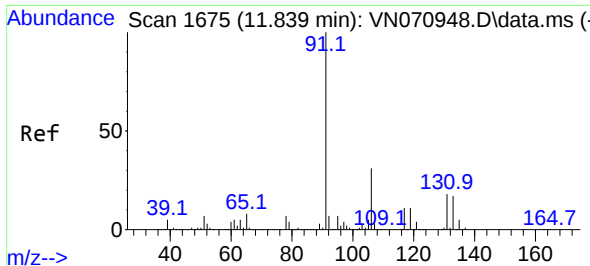


#66
1,1,1,2-Tetrachloroethane
Concen: 46.880 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56



Tgt Ion:131 Resp: 349124
Ion Ratio Lower Upper
131 100
133 95.6 47.9 143.7
119 64.0 32.1 96.5





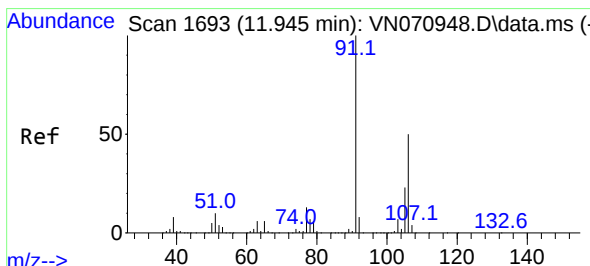
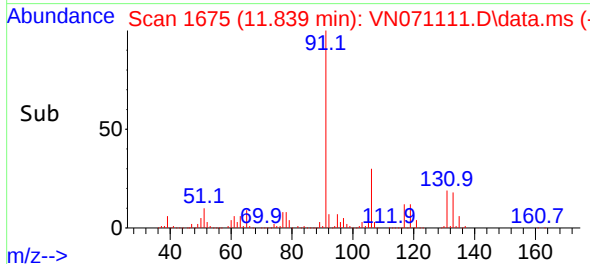
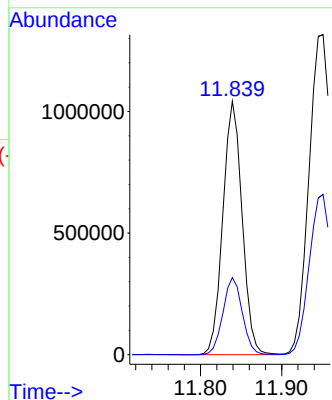
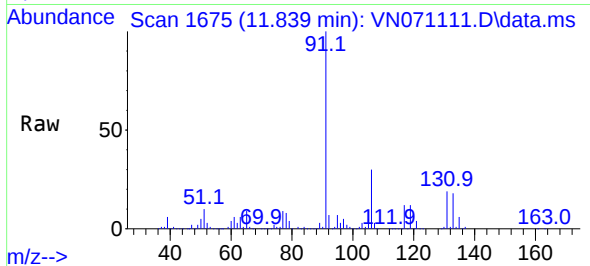
#67
Ethyl Benzene
Concen: 48.098 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 171988
Ion Ratio Lower Upper
91 100
106 30.5 25.7 38.5

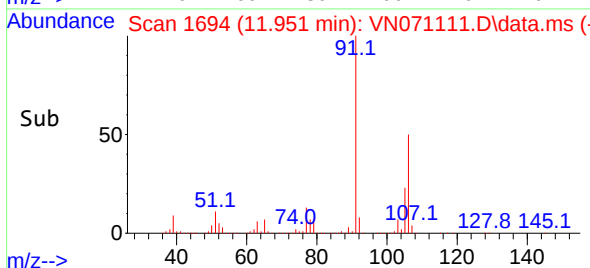
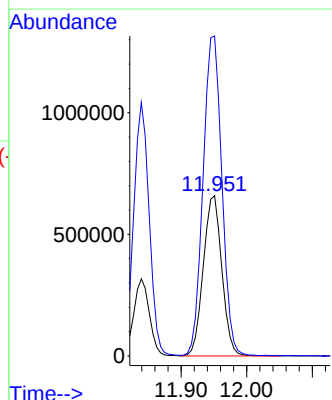
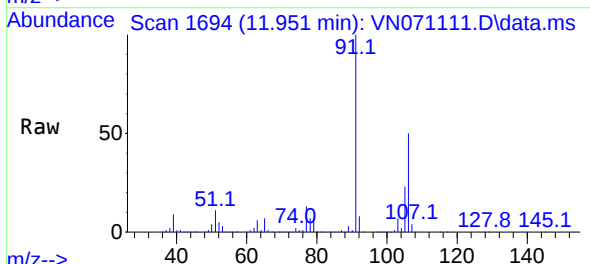
Manual Integrations
APPROVED

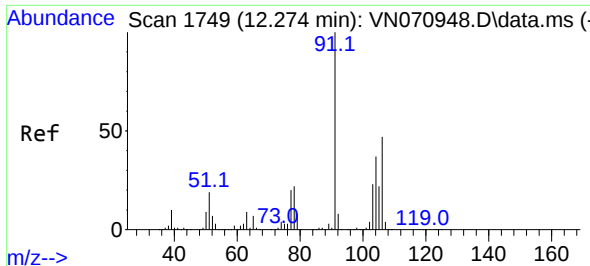
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#68
m/p-Xylenes
Concen: 93.698 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

Tgt Ion:106 Resp: 1294160
Ion Ratio Lower Upper
106 100
91 203.5 160.6 240.8





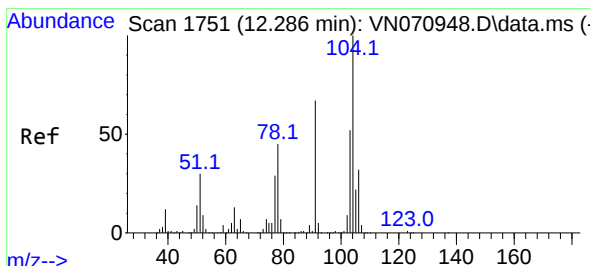
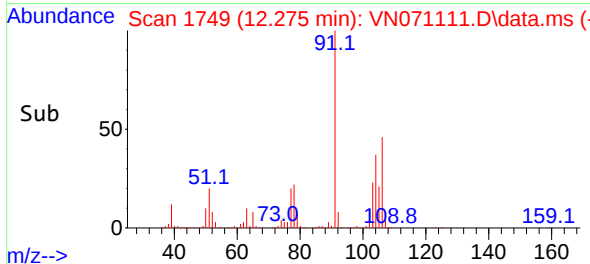
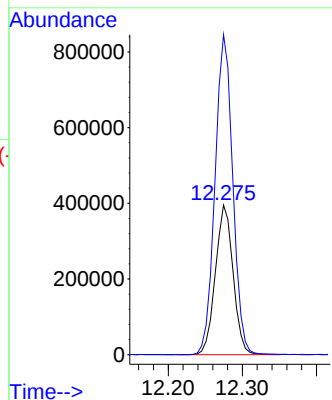
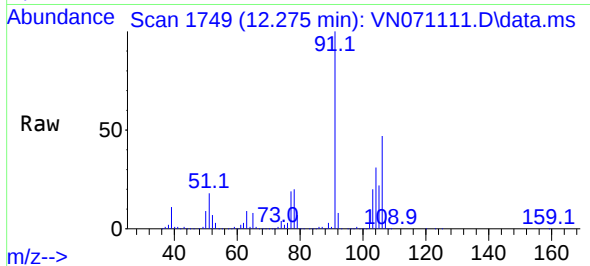
#69
o-Xylene
Concen: 48.636 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 656219
Ion Ratio Lower Upper
106 100
91 214.8 105.8 317.3

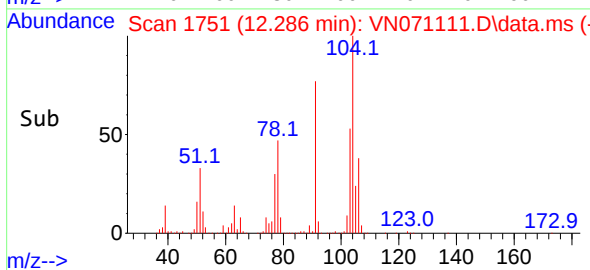
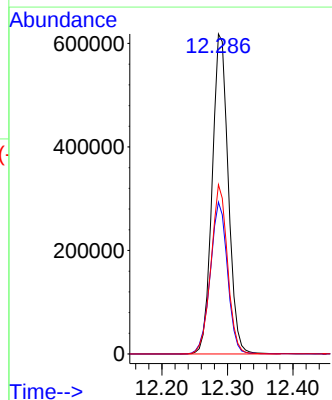
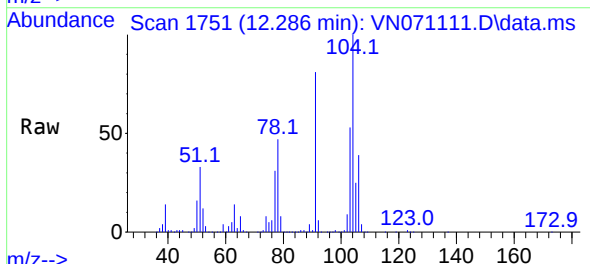
Manual Integrations
APPROVED

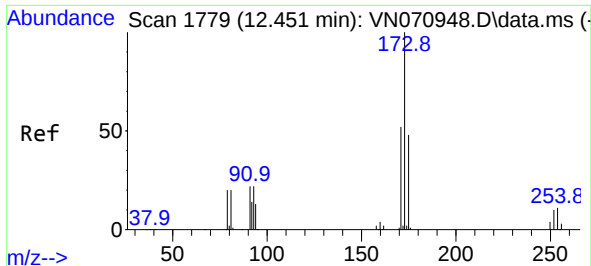
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#70
Styrene
Concen: 49.263 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

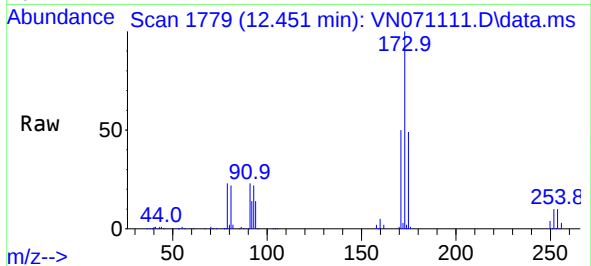
Tgt Ion:104 Resp: 1056888
Ion Ratio Lower Upper
104 100
78 50.6 38.7 58.1
103 54.4 45.0 67.6





#71
Bromoform
Concen: 46.414 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

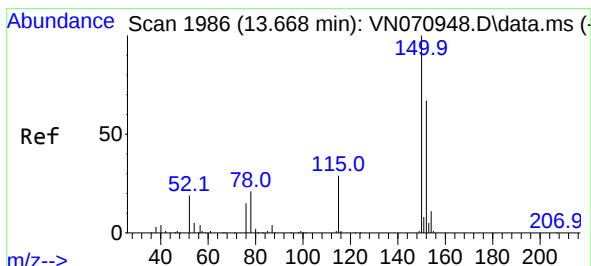
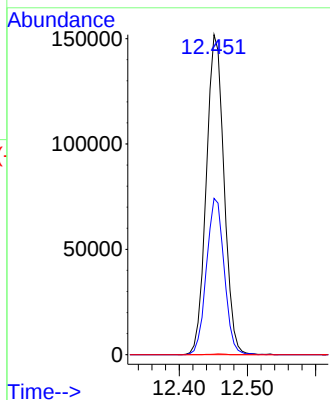
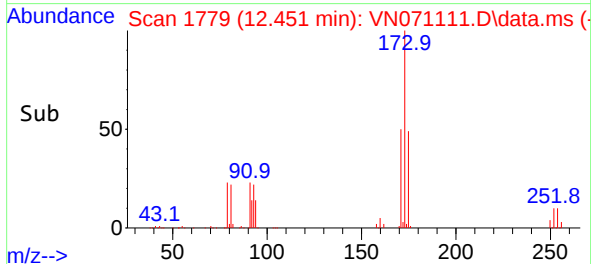
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



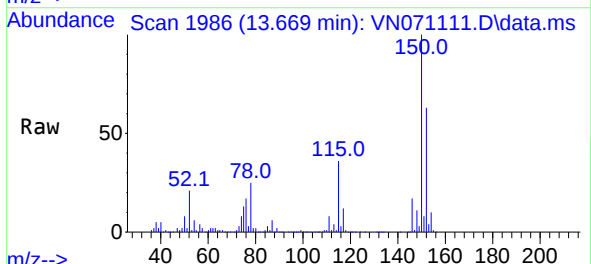
Tgt Ion:173 Resp: 275288
Ion Ratio Lower Upper
173 100
175 48.8 24.2 72.6
254 0.2 0.0 0.0

Manual Integrations
APPROVED

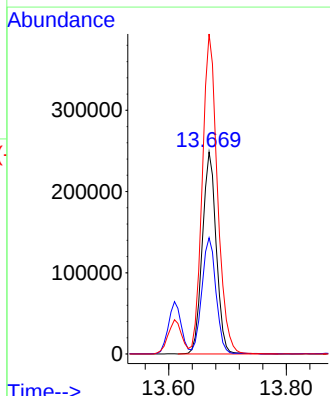
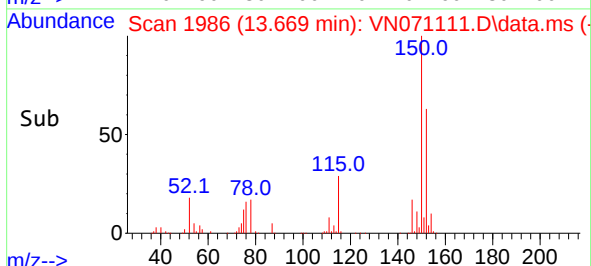
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

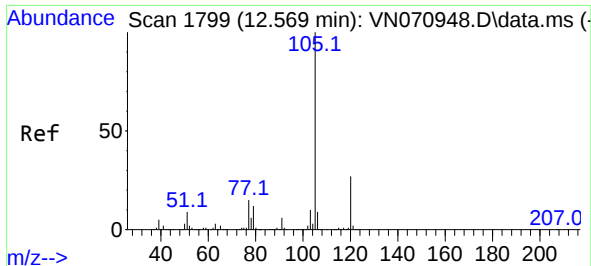


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56



Tgt Ion:152 Resp: 408438
Ion Ratio Lower Upper
152 100
115 58.1 27.5 82.5
150 173.0 0.0 344.4





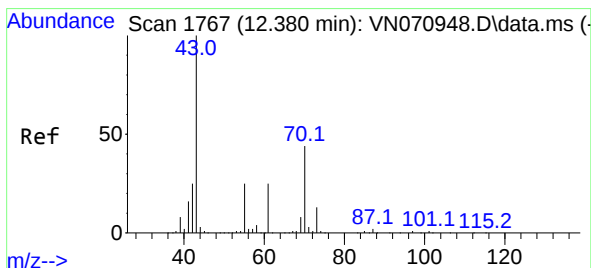
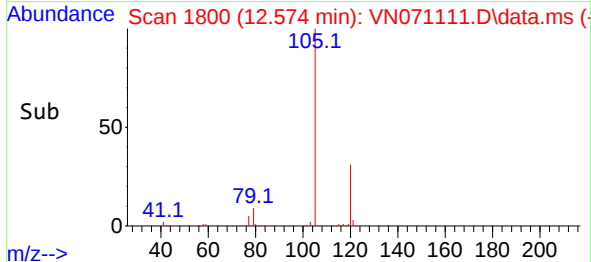
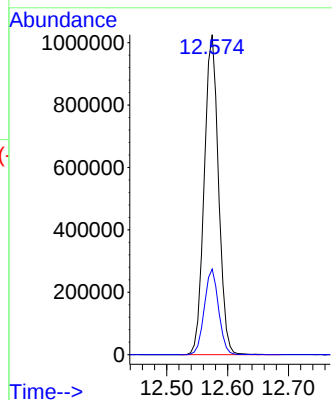
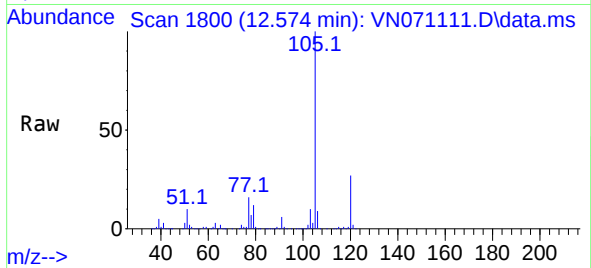
#73
Isopropylbenzene
Concen: 50.862 ug/l
RT: 12.574 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 167211
Ion Ratio Lower Upper
105 100
120 26.7 13.4 40.1

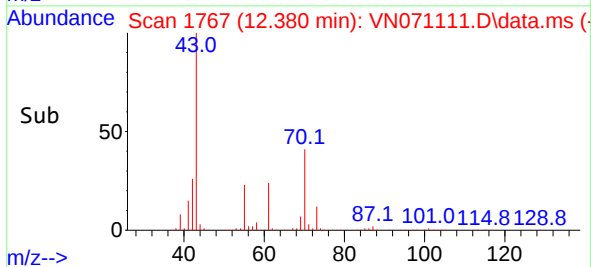
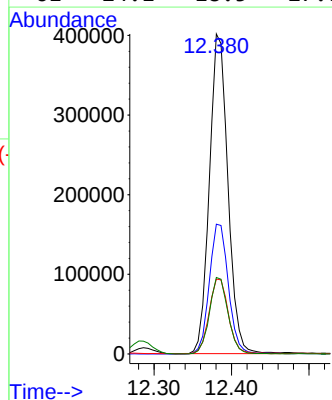
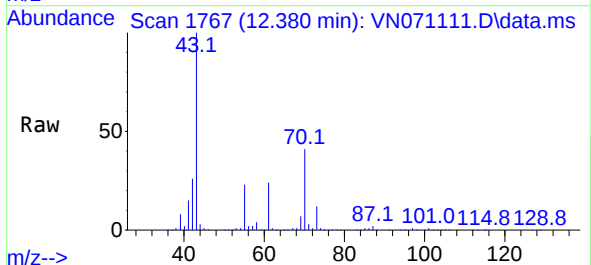
Manual Integrations
APPROVED

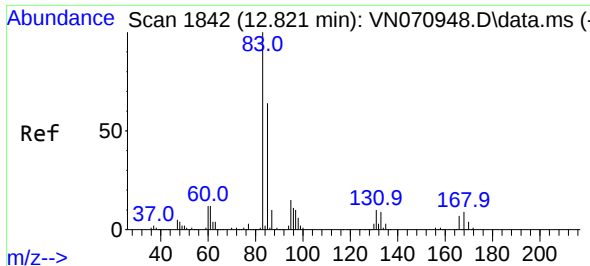
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#74
N-amy1 acetate
Concen: 63.394 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

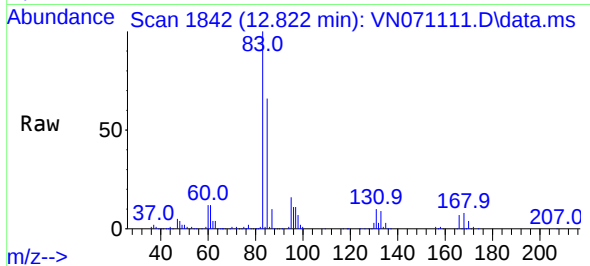
Tgt Ion: 43 Resp: 666203
Ion Ratio Lower Upper
43 100
70 42.0 33.4 50.0
55 24.6 19.3 28.9
61 24.1 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 53.848 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

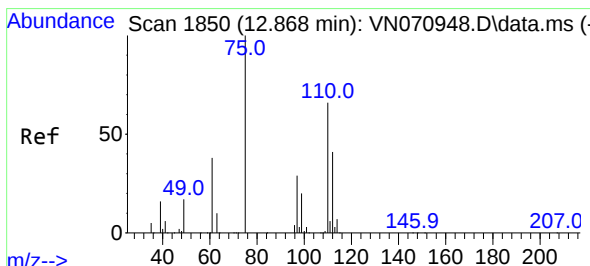
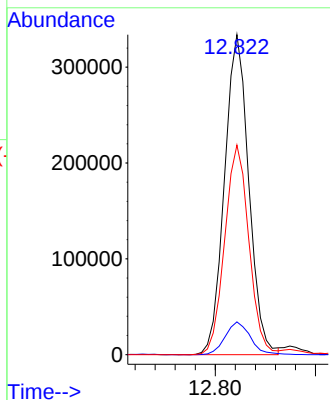
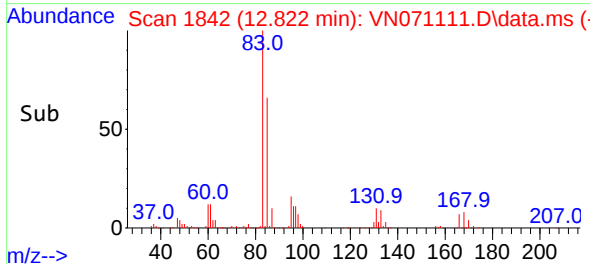
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



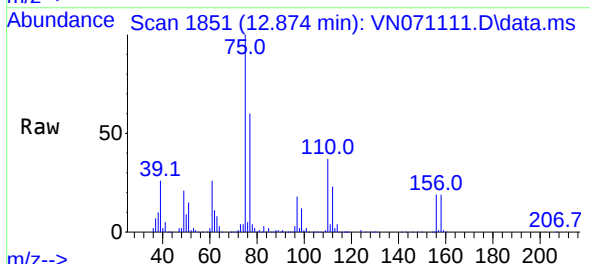
Tgt Ion: 83 Resp: 56255
Ion Ratio Lower Upper
83 100
131 10.6 5.5 16.5
85 65.2 32.4 97.2

Manual Integrations
APPROVED

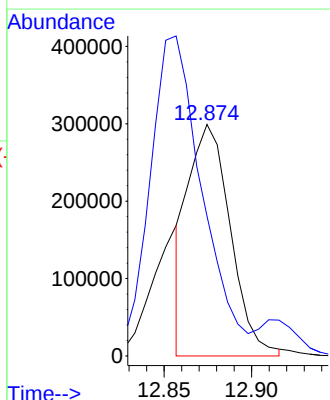
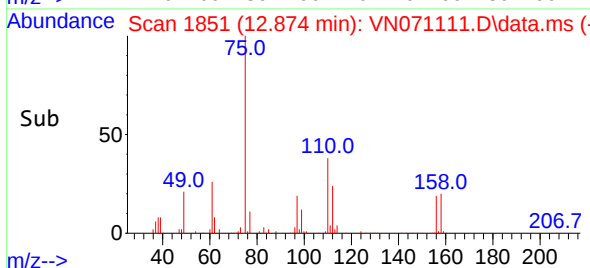
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

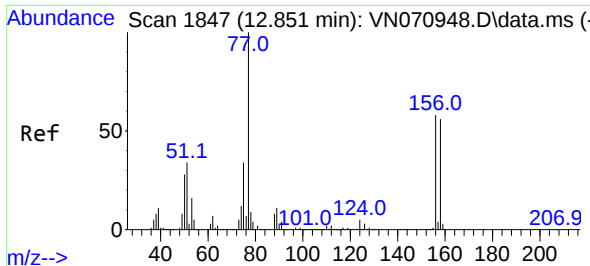


#76
1,2,3-Trichloropropane
Concen: 52.343 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56



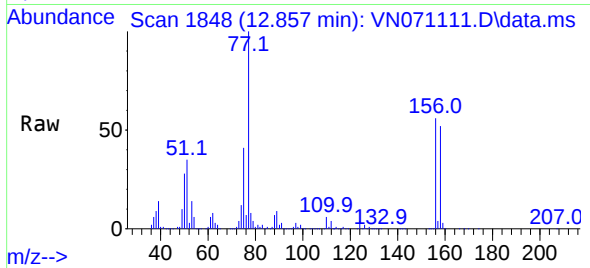
Tgt Ion: 75 Resp: 503368
Ion Ratio Lower Upper
75 100
77 170.4 82.6 247.8





#77
Bromobenzene
Concen: 49.427 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

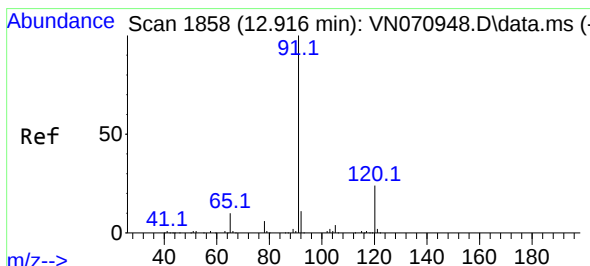
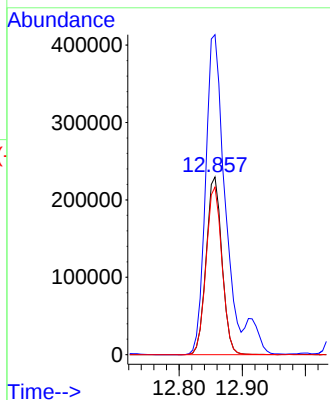
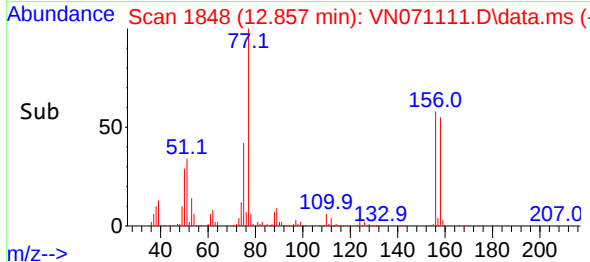
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:156 Resp: 39778
Ion Ratio Lower Upper
156 100
77 215.6 90.6 271.8
158 95.8 48.9 146.7

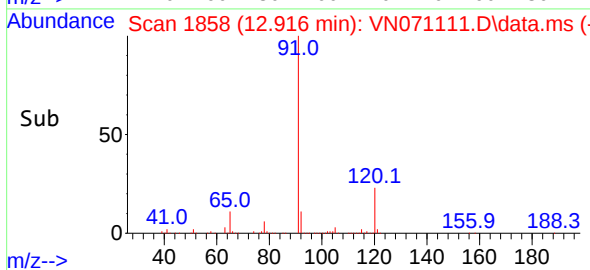
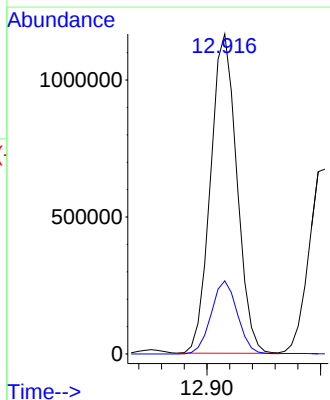
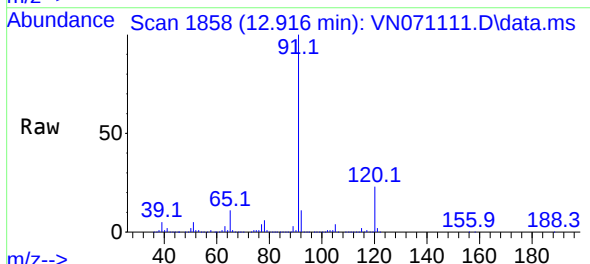
Manual Integrations
APPROVED

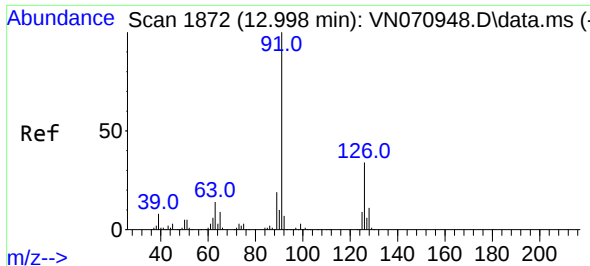
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#78
n-propylbenzene
Concen: 50.840 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

Tgt Ion: 91 Resp: 1877902
Ion Ratio Lower Upper
91 100
120 22.8 11.9 35.9





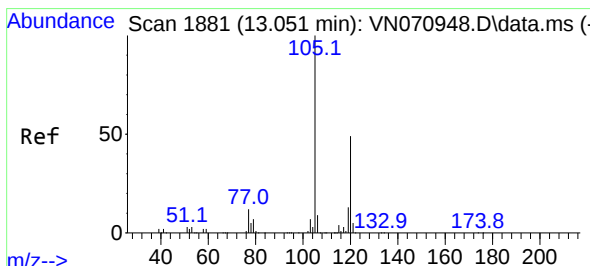
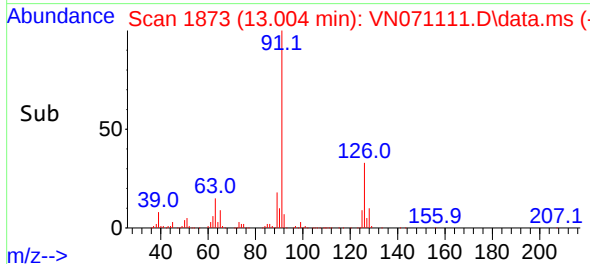
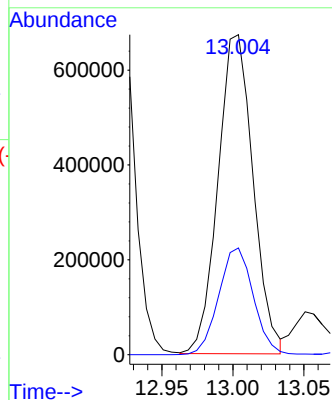
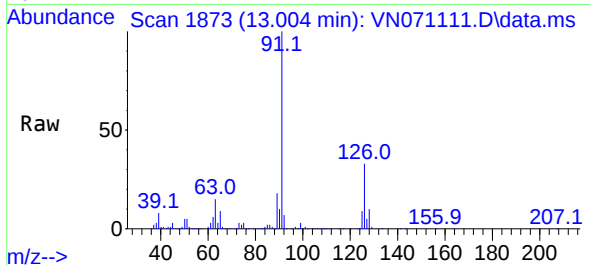
#79
2-Chlorotoluene
Concen: 51.570 ug/l
RT: 13.004 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1156792
Ion Ratio Lower Upper
91 100
126 33.2 18.3 54.8

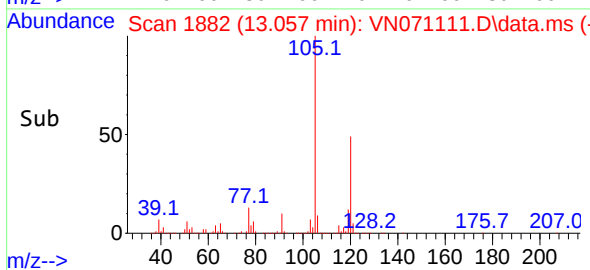
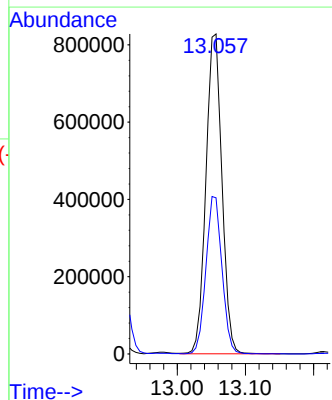
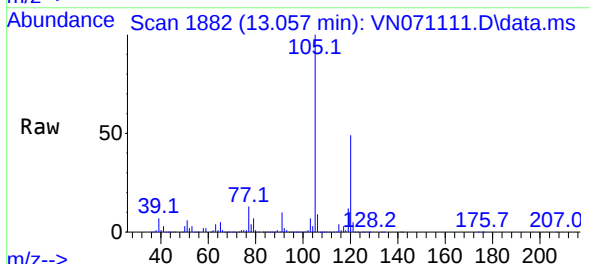
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.822 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

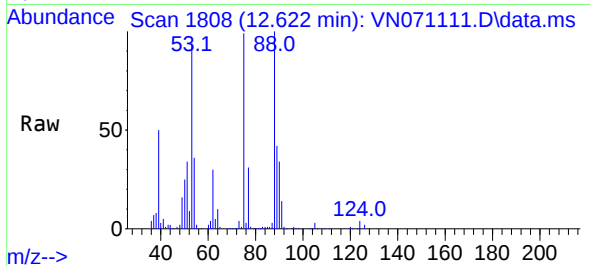
Tgt Ion:105 Resp: 1353607
Ion Ratio Lower Upper
105 100
120 49.4 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 54.172 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

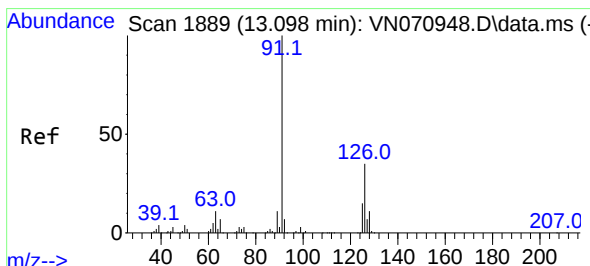
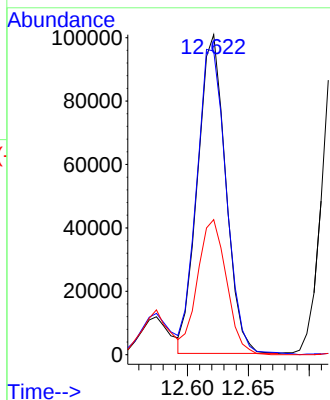
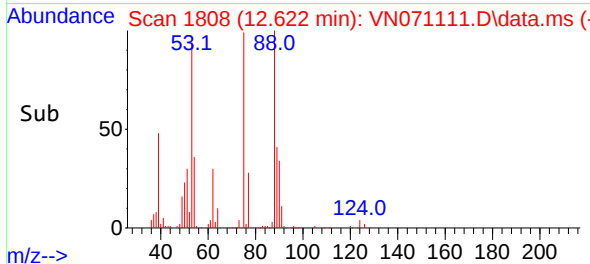
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



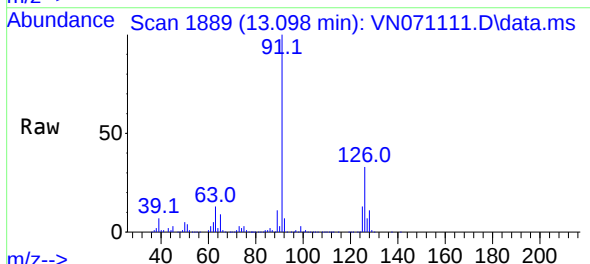
Tgt Ion: 75 Resp: 160768
Ion Ratio Lower Upper
75 100
53 101.6 90.5 135.7
89 44.0 38.2 57.4

Manual Integrations
APPROVED

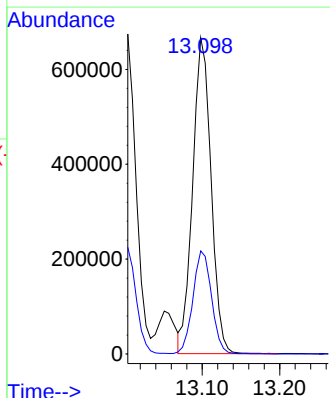
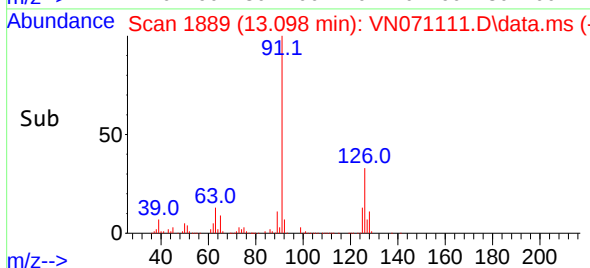
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

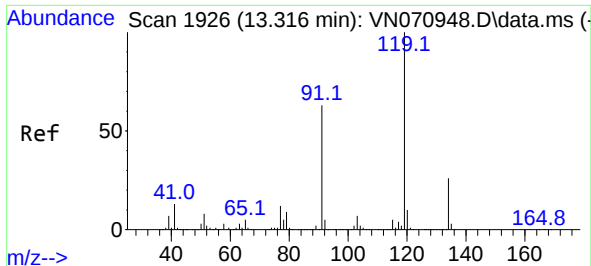


#82
4-Chlorotoluene
Concen: 50.323 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56



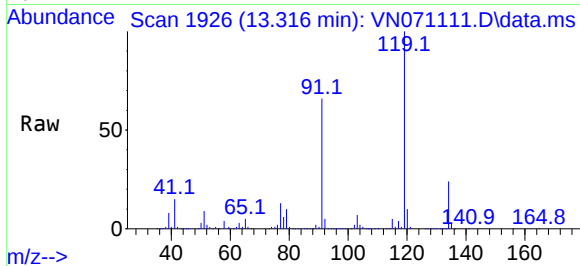
Tgt Ion: 91 Resp: 1095758
Ion Ratio Lower Upper
91 100
126 33.2 18.2 54.6





#83
tert-Butylbenzene
Concen: 49.732 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

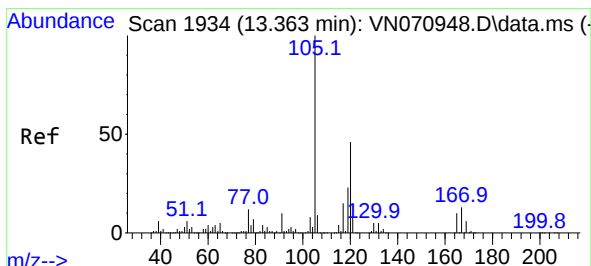
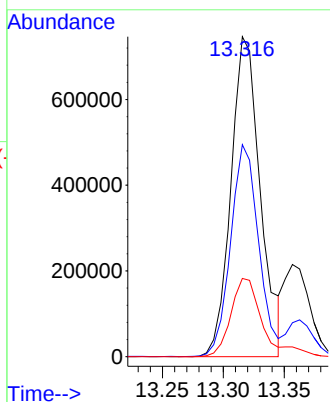
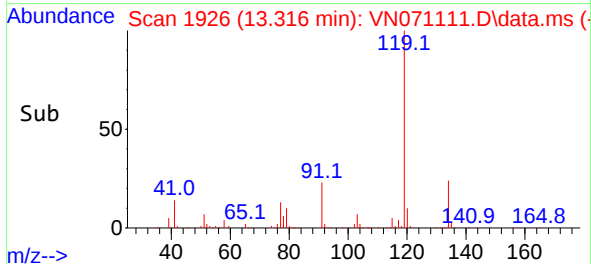
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



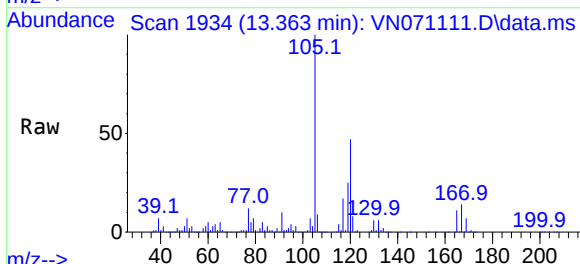
Tgt Ion:119 Resp: 1256192
Ion Ratio Lower Upper
119 100
91 63.1 31.5 94.5
134 26.4 12.4 37.4

Manual Integrations
APPROVED

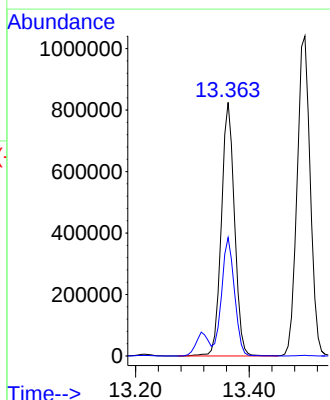
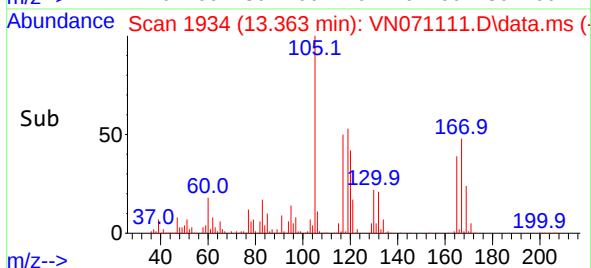
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

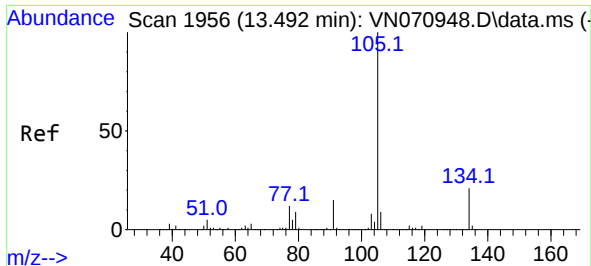


#84
1,2,4-Trimethylbenzene
Concen: 50.517 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56



Tgt Ion:105 Resp: 1324483
Ion Ratio Lower Upper
105 100
120 45.9 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 50.118 ug/l
 RT: 13.498 min Scan# 1956
 Delta R.T. 0.006 min
 Lab File: VN071111.D
 Acq: 28 Feb 2022 21:56

Instrument :

MSVOA_N

ClientSampleId :

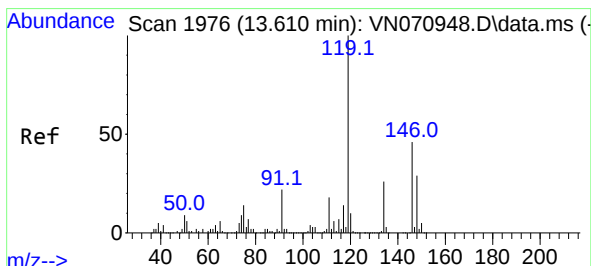
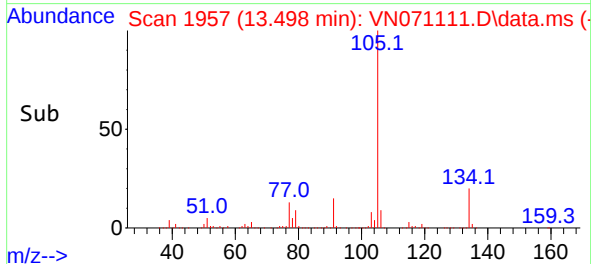
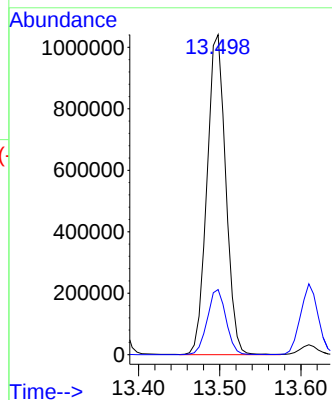
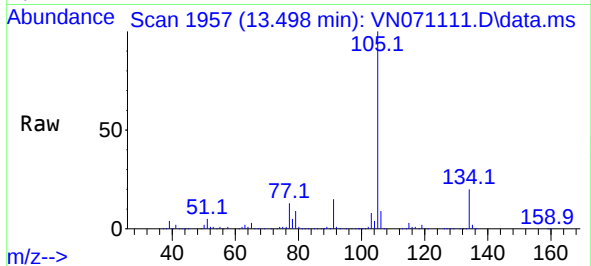
VSTDCCC050EC

Tgt Ion:105 Resp: 1668094
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1

Manual Integrations

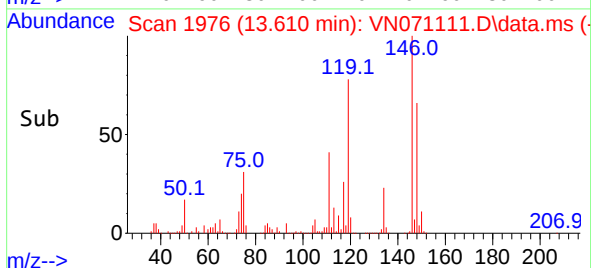
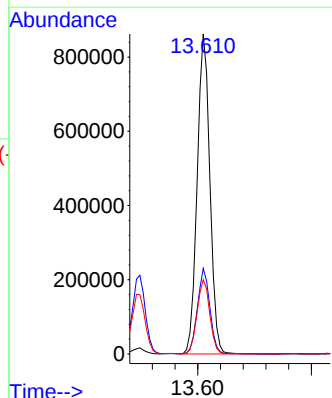
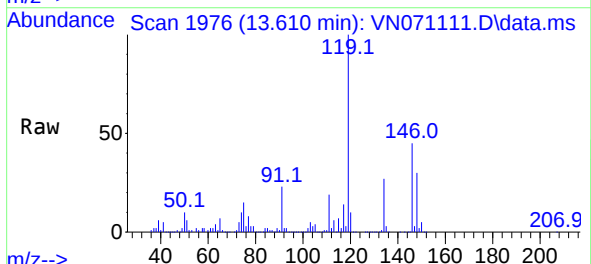
APPROVED

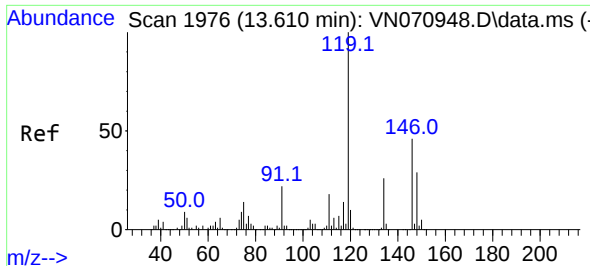
Reviewed By :John Carlone 03/01/2022
 Supervised By :Mahesh Dadoda 03/01/2022



#86
 p-Isopropyltoluene
 Concen: 49.142 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071111.D
 Acq: 28 Feb 2022 21:56

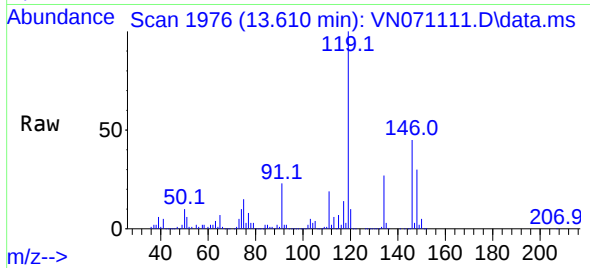
Tgt Ion:119 Resp: 1342711
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.6 40.7
 91 23.0 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 46.517 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

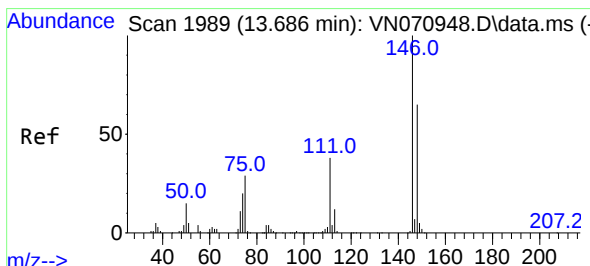
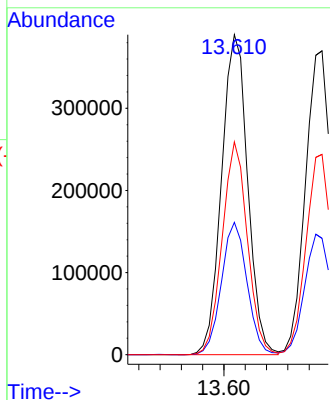
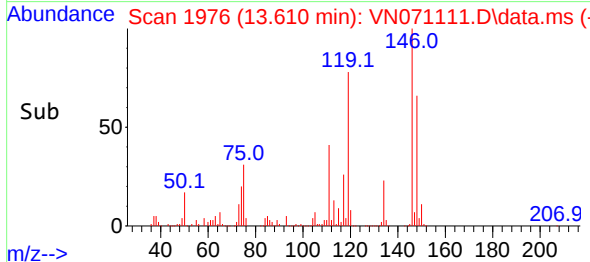
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



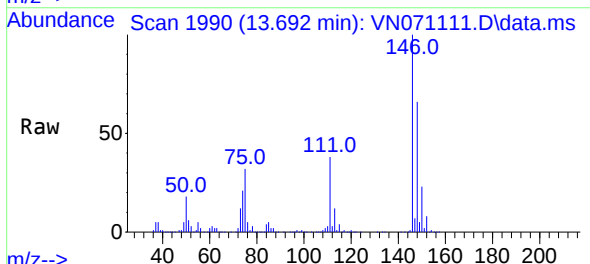
Tgt Ion:146 Resp: 66271
Ion Ratio Lower Upper
146 100
111 40.6 18.6 55.6
148 64.0 31.6 95.0

Manual Integrations
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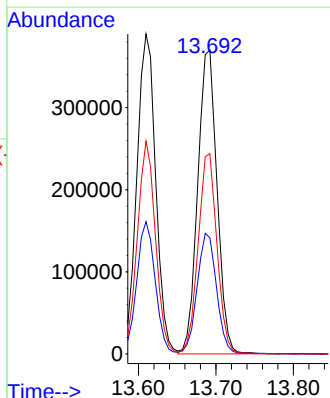
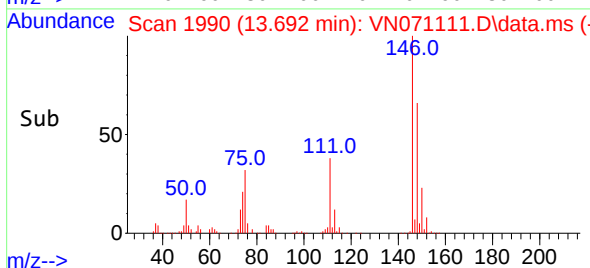
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

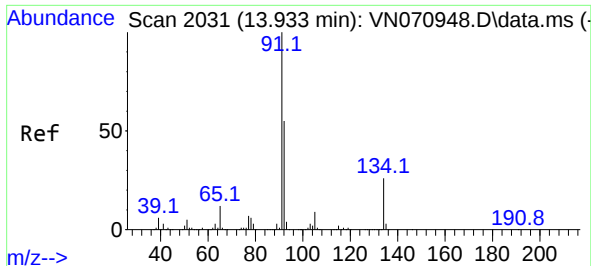


#88
1,4-Dichlorobenzene
Concen: 45.915 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56



Tgt Ion:146 Resp: 640902
Ion Ratio Lower Upper
146 100
111 39.4 18.3 54.8
148 64.2 31.8 95.4





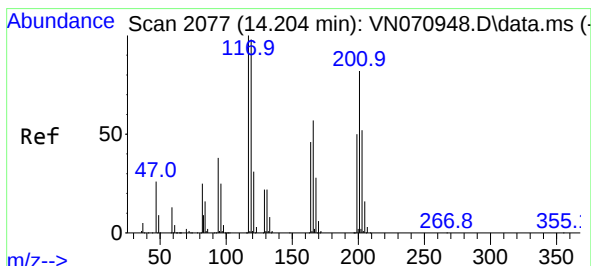
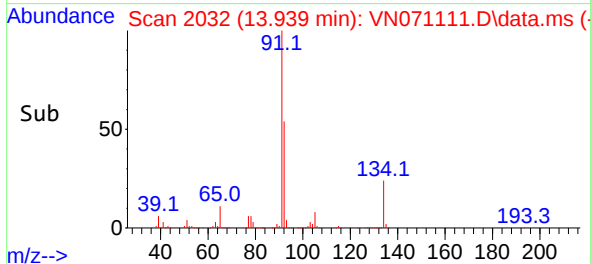
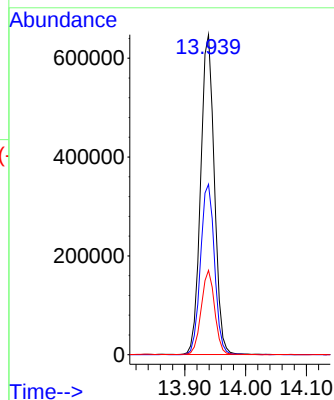
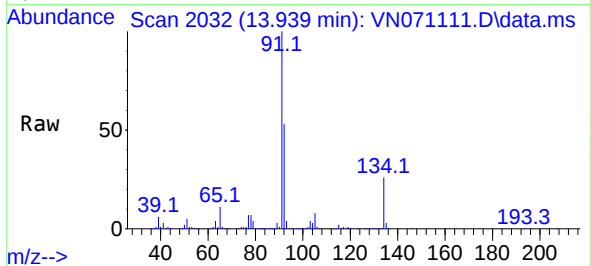
#89
n-Butylbenzene
Concen: 45.479 ug/l
RT: 13.939 min Scan# 2031
Delta R.T. 0.006 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 101381
Ion Ratio Lower Upper
91 100
92 54.4 25.4 76.0
134 26.0 13.6 40.8

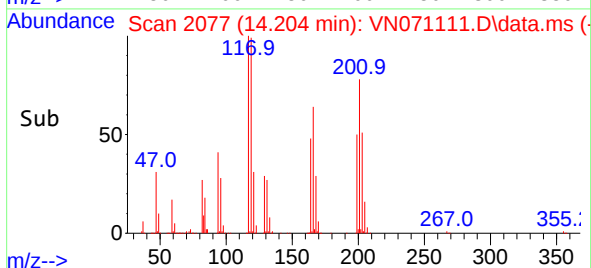
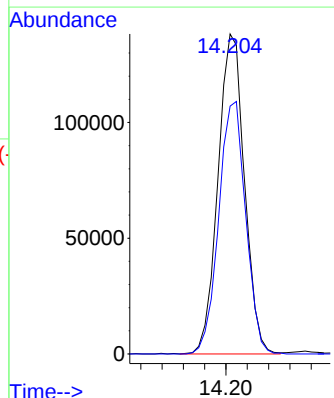
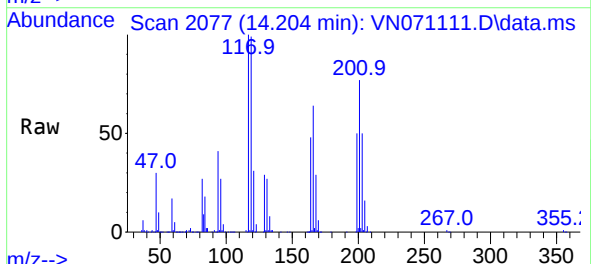
Manual Integrations
APPROVED

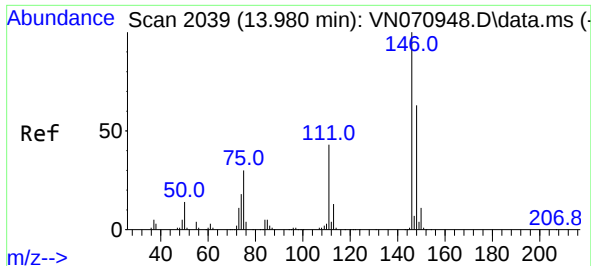
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#90
Hexachloroethane
Concen: 48.811 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

Tgt Ion:117 Resp: 238178
Ion Ratio Lower Upper
117 100
201 80.4 43.9 131.6





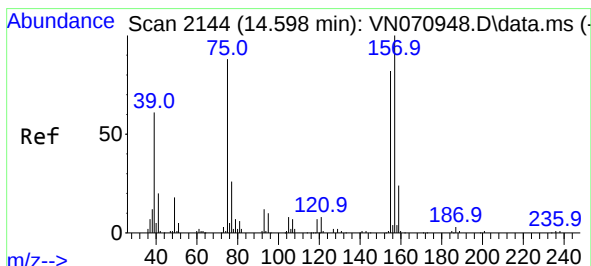
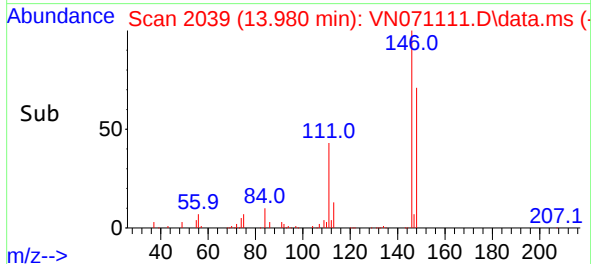
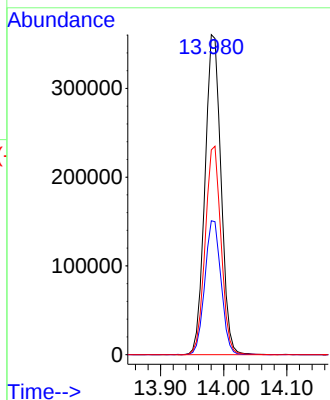
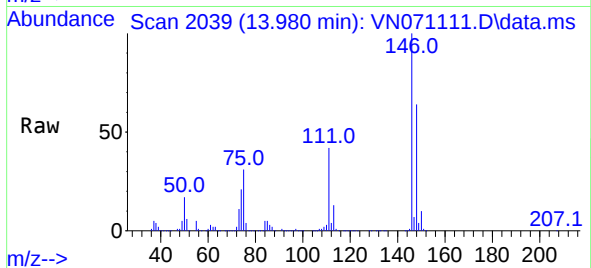
#91
1,2-Dichlorobenzene
Concen: 47.619 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 637049
Ion Ratio Lower Upper
146 100
111 42.4 19.1 57.3
148 64.4 32.1 96.3

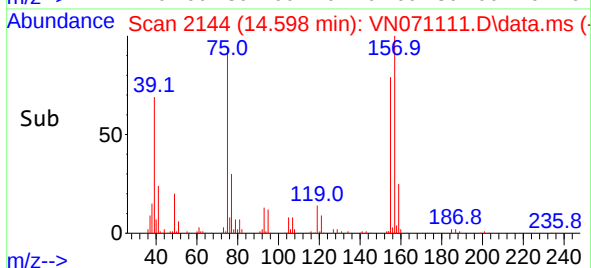
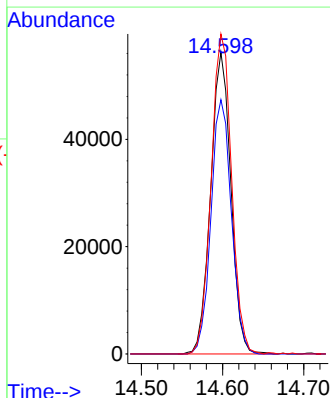
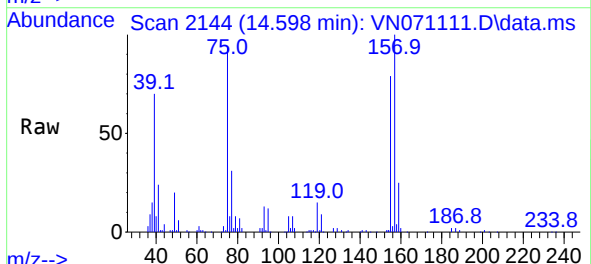
Manual Integrations
APPROVED

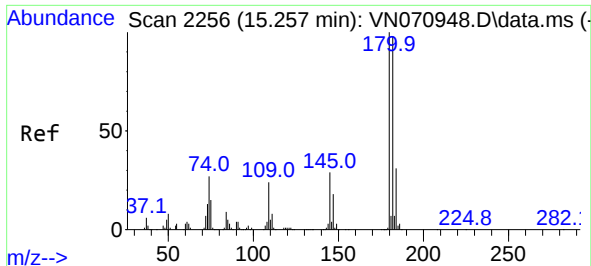
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 57.481 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

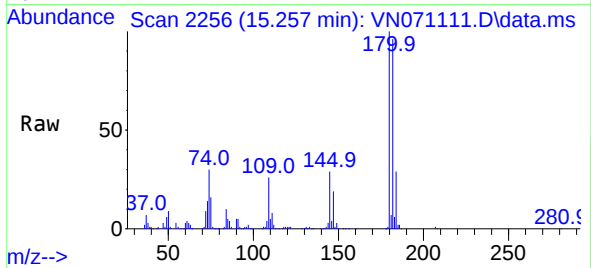
Tgt Ion: 75 Resp: 97294
Ion Ratio Lower Upper
75 100
155 85.3 46.9 140.7
157 107.4 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 38.303 ug/l
RT: 15.257 min Scan# 2111
Delta R.T. -0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

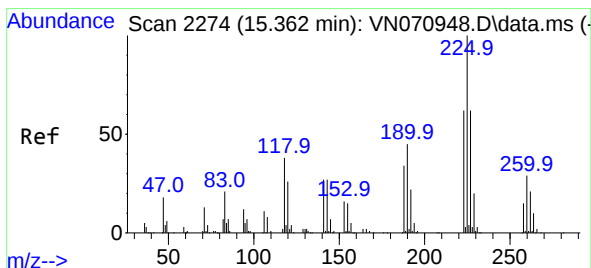
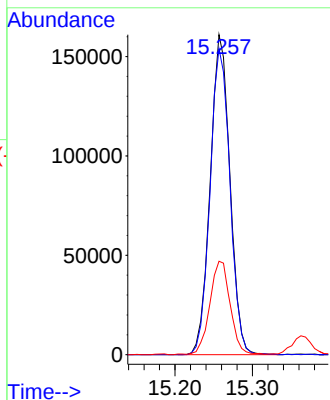
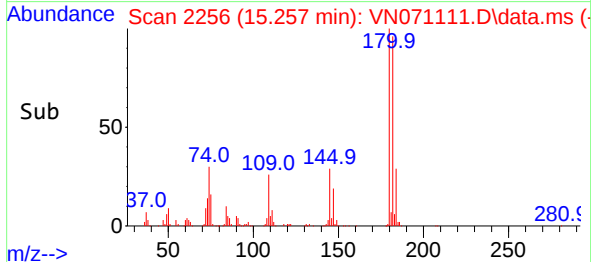
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



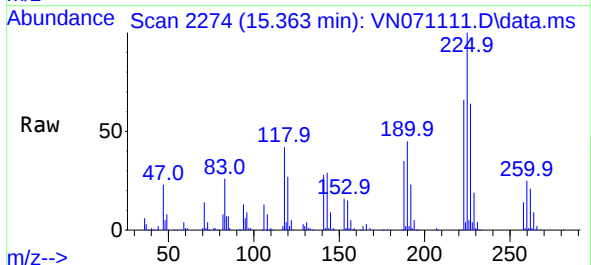
Tgt Ion:180 Resp: 28436
Ion Ratio Lower Upper
180 100
182 96.5 48.3 144.9
145 30.4 14.5 43.5

Manual Integrations
APPROVED

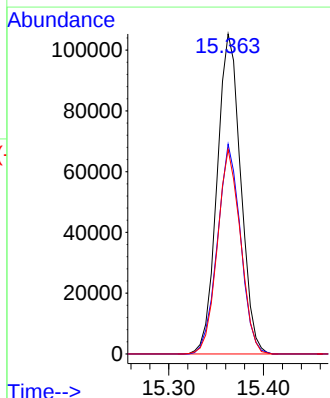
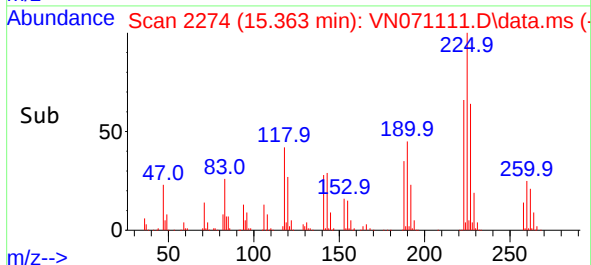
Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022

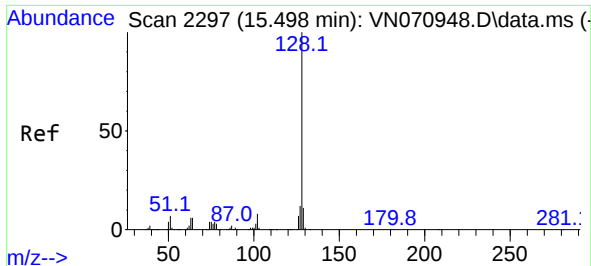


#94
Hexachlorobutadiene
Concen: 37.379 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. 0.001 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56



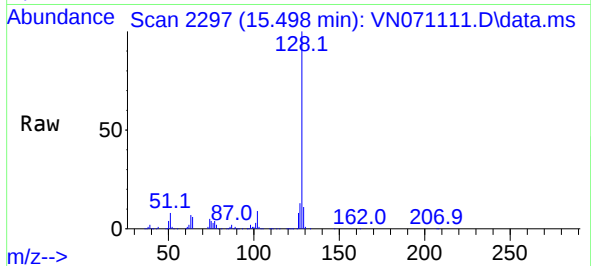
Tgt Ion:225 Resp: 182353
Ion Ratio Lower Upper
225 100
223 64.1 31.9 95.7
227 62.6 32.1 96.3





#95
Naphthalene
Concen: 42.544 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56

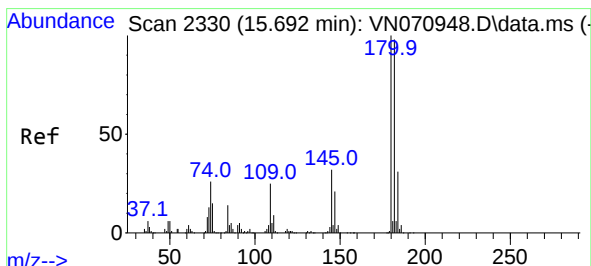
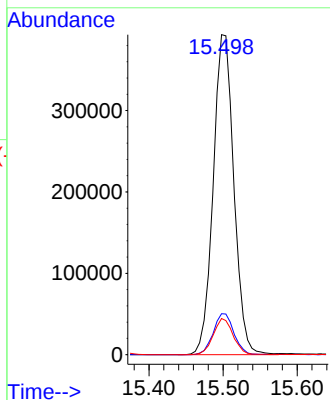
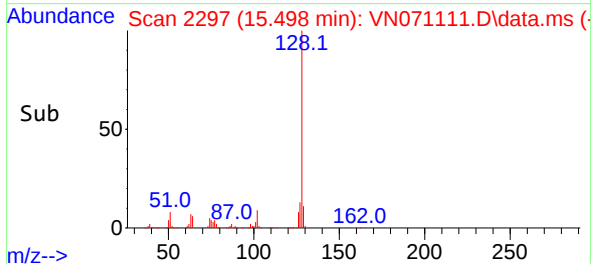
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



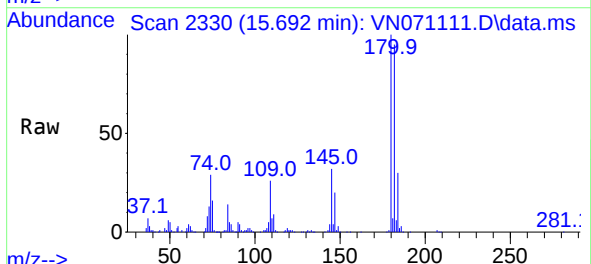
Tgt Ion:128 Resp: 761764
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/01/2022
Supervised By :Mahesh Dadoda 03/01/2022



#96
1,2,3-Trichlorobenzene
Concen: 40.331 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN071111.D
Acq: 28 Feb 2022 21:56



Tgt Ion:180 Resp: 276030
Ion Ratio Lower Upper
180 100
182 95.8 47.4 142.2
145 32.7 15.0 45.1

