

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012722\
 Data File : VN070816.D
 Acq On : 27 Jan 2022 19:28
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/28/2022
 Supervised By : Mahesh Dadoda 01/28/2022

Quant Time: Jan 28 00:38:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	600919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	978909	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	930285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	430785	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	457674	53.143	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.280%	
35) Dibromofluoromethane	8.021	113	315542	51.965	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.940%	
50) Toluene-d8	10.440	98	1284498	50.214	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.420%	
62) 4-Bromofluorobenzene	12.728	95	492598	54.040	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 108.080%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.075	85	297287	42.813	ug/l	98
3) Chloromethane	2.306	50	493257	48.597	ug/l	97
4) Vinyl Chloride	2.451	62	523380	54.215	ug/l	99
5) Bromomethane	2.866	94	304382	60.538	ug/l	98
6) Chloroethane	3.027	64	317458	52.695	ug/l	99
7) Trichlorofluoromethane	3.381	101	647651	58.727	ug/l	96
8) Diethyl Ether	3.827	74	212968	44.208	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.213	101	290588	43.597	ug/l	96
10) Methyl Iodide	4.422	142	397918	46.296	ug/l	97
11) Tert butyl alcohol	5.371	59	309747	199.356	ug/l	99
12) 1,1-Dichloroethene	4.183	96	288016	43.325	ug/l	90
13) Acrolein	4.041	56	508170	228.047	ug/l	97
14) Allyl chloride	4.843	41	647364	44.693	ug/l #	80
15) Acrylonitrile	5.554	53	1119510	226.495	ug/l	100
16) Acetone	4.285	43	1031948	172.641	ug/l	98
17) Carbon Disulfide	4.532	76	767736	42.522	ug/l	100
18) Methyl Acetate	4.856	43	503186	42.805	ug/l	94
19) Methyl tert-butyl Ether	5.615	73	1184290	49.868	ug/l	96
20) Methylene Chloride	5.098	84	350669	44.537	ug/l	88
21) trans-1,2-Dichloroethene	5.597	96	311469	46.552	ug/l	86
22) Diisopropyl ether	6.498	45	1323649	46.104	ug/l	92
23) Vinyl Acetate	6.433	43	5728105	235.366	ug/l	95
24) 1,1-Dichloroethane	6.388	63	672246	46.810	ug/l	98
25) 2-Butanone	7.332	43	1541429	204.932	ug/l	93
26) 2,2-Dichloropropane	7.324	77	540894	49.125	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	370149	46.571	ug/l	85
28) Bromochloromethane	7.656	49	293923	45.585	ug/l #	78
29) Tetrahydrofuran	7.683	42	1029594	223.555	ug/l	90
30) Chloroform	7.817	83	669491	47.716	ug/l	100
31) Cyclohexane	8.094	56	636035	41.941	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	575767	51.652	ug/l	97
36) 1,1-Dichloropropene	8.220	75	489032	47.839	ug/l	96
37) Ethyl Acetate	7.412	43	617528	45.502	ug/l	97
38) Carbon Tetrachloride	8.206	117	488818	53.752	ug/l	98
39) Methylcyclohexane	9.459	83	583206	46.213	ug/l	89
40) Benzene	8.458	78	1469570	46.396	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	323688	46.881	ug/l	88
42) 1,2-Dichloroethane	8.528	62	566614	51.590	ug/l	98
43) Isopropyl Acetate	8.560	43	1007457	48.601	ug/l	96
44) Trichloroethene	9.215	130	339224	47.241	ug/l	90
45) 1,2-Dichloropropane	9.488	63	402638	46.721	ug/l	99
46) Dibromomethane	9.577	93	252344	50.358	ug/l	94
47) Bromodichloromethane	9.759	83	526534	51.403	ug/l	99
48) Methyl methacrylate	9.558	41	488918	49.509	ug/l #	81
49) 1,4-Dioxane	9.566	88	98825	666.222	ug/l #	82
51) 4-Methyl-2-Pentanone	10.328	43	3171009	239.736	ug/l	98
52) Toluene	10.505	92	922891	48.709	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	582345	47.032	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	624363	50.826	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	363279	48.807	ug/l	98
56) Ethyl methacrylate	10.760	69	620391	44.109	ug/l	92
57) 1,3-Dichloropropane	11.041	76	646708	49.080	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	761702	215.326	ug/l	91
59) 2-Hexanone	11.084	43	2245950	233.736	ug/l	97
60) Dibromochloromethane	11.237	129	381206	54.907	ug/l	99
61) 1,2-Dibromoethane	11.344	107	368903	49.364	ug/l	99
64) Tetrachloroethene	10.974	164	296765	43.508	ug/l	94
65) Chlorobenzene	11.768	112	957867	47.523	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	351210	50.601	ug/l	100
67) Ethyl Benzene	11.843	91	1821390	48.741	ug/l	96
68) m/p-Xylenes	11.950	106	1320073	97.104	ug/l	89
69) o-Xylene	12.278	106	655357	48.578	ug/l	90
70) Styrene	12.291	104	1085952	50.316	ug/l	94
71) Bromoform	12.455	173	277850	52.996	ug/l #	99
73) Isopropylbenzene	12.575	105	1743021	42.769	ug/l	97
74) N-amyl acetate	12.385	43	717329	43.049	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.825	83	579539	42.107	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	555627m	48.630	ug/l	
77) Bromobenzene	12.859	156	393012	43.011	ug/l	75
78) n-propylbenzene	12.919	91	2020884	44.339	ug/l	95
79) 2-Chlorotoluene	13.004	91	1244290	43.157	ug/l	91
80) 1,3,5-Trimethylbenzene	13.058	105	1466135	44.486	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.623	75	171813	44.800	ug/l	95
82) 4-Chlorotoluene	13.104	91	1206354	44.783	ug/l	91
83) tert-Butylbenzene	13.321	119	1273694	44.397	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	1427658	45.066	ug/l	97
85) sec-Butylbenzene	13.500	105	1779069	45.615	ug/l	97
86) p-Isopropyltoluene	13.613	119	1429899	46.670	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	695825	45.778	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	675709	44.670	ug/l	97
89) n-Butylbenzene	13.940	91	1195214	47.287	ug/l	97
90) Hexachloroethane	14.209	117	255846	47.771	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	671997	44.747	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	109084	46.722	ug/l	77
93) 1,2,4-Trichlorobenzene	15.260	180	332649	42.359	ug/l	97
94) Hexachlorobutadiene	15.367	225	208733	46.930	ug/l	99
95) Naphthalene	15.504	128	836588	38.693	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	314849	41.939	ug/l	97

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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

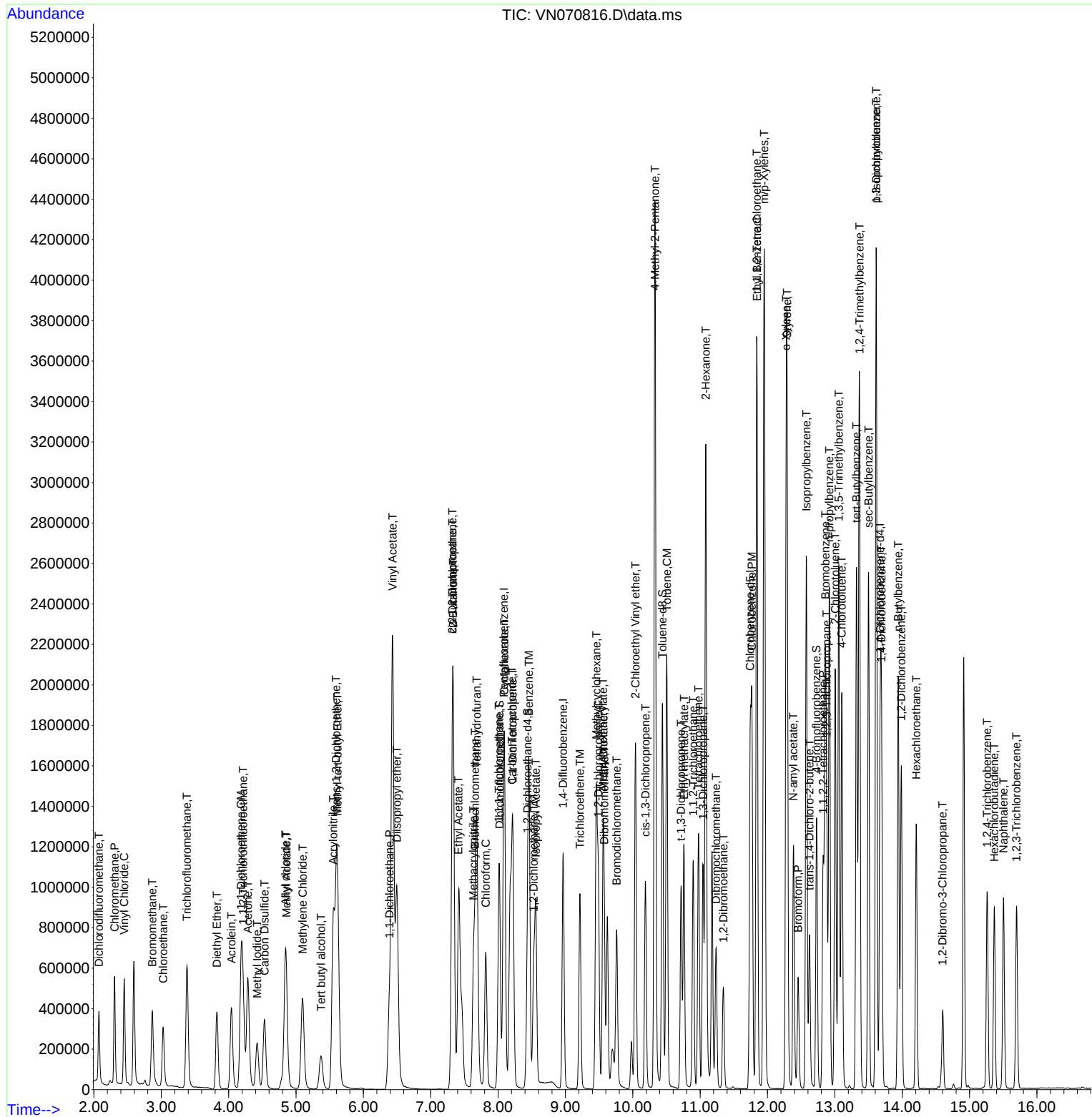
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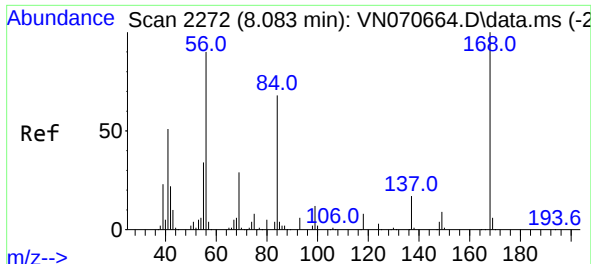
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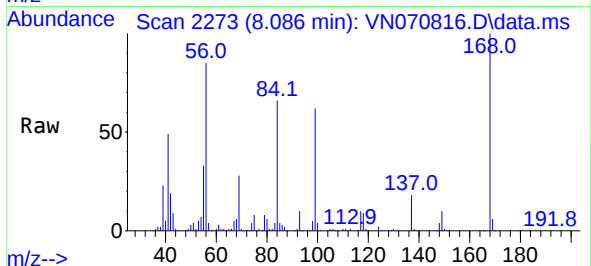
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070816.D
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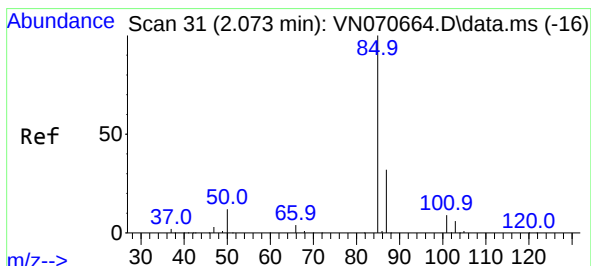
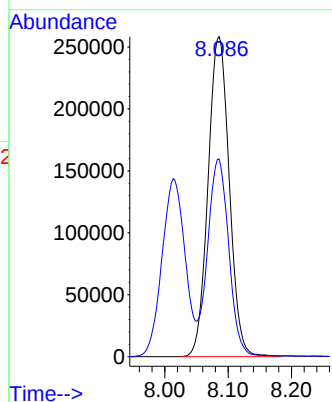
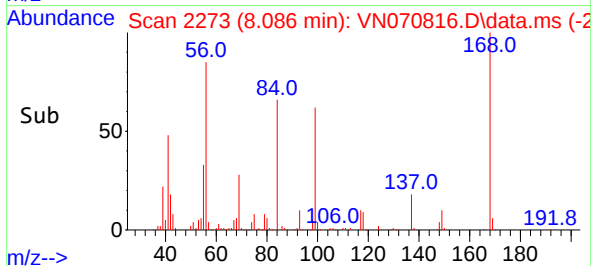
Instrument :
MSVOA_N
ClientSampleId :
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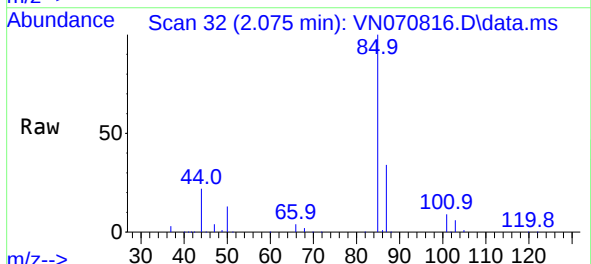
Tgt Ion:168 Resp: 600919
Ion Ratio Lower Upper
168 100
99 61.5 41.3 61.9

Manual Integrations
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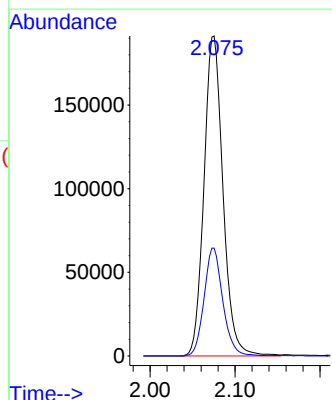
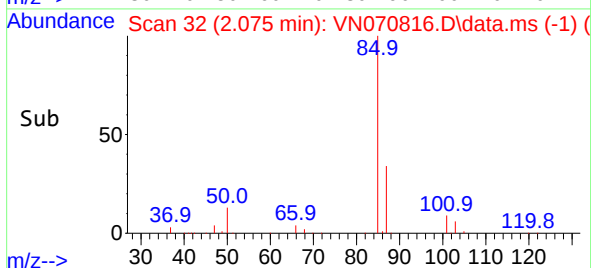
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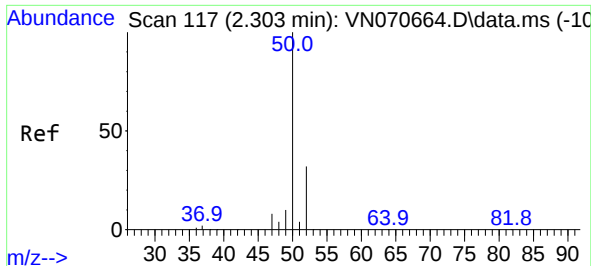


#2
Dichlorodifluoromethane
Concen: 42.813 ug/l
RT: 2.075 min Scan# 32
Delta R.T. 0.002 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28



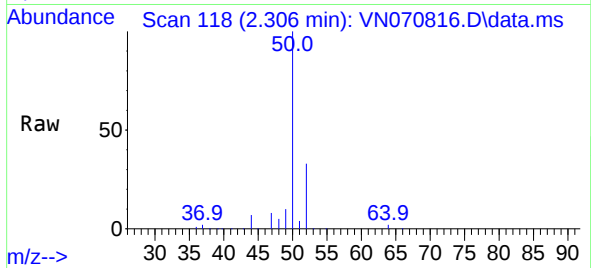
Tgt Ion: 85 Resp: 297287
Ion Ratio Lower Upper
85 100
87 33.7 16.3 48.9





#3
Chloromethane
Concen: 48.597 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

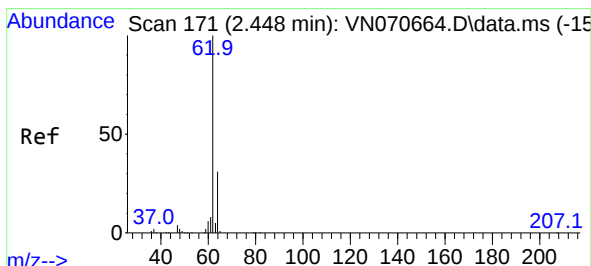
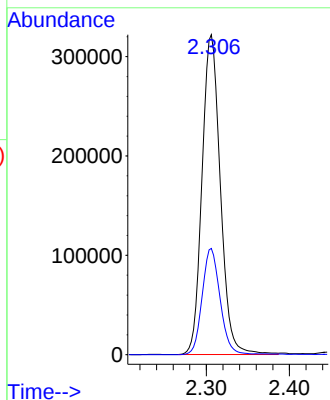
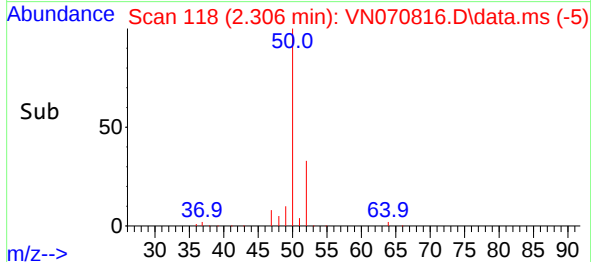
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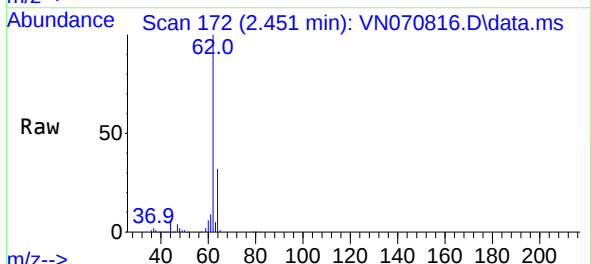
Tgt Ion: 50 Resp: 49325
Ion Ratio Lower Upper
50 100
52 33.2 25.4 38.0

Manual Integrations
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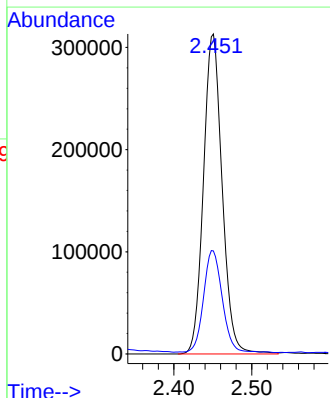
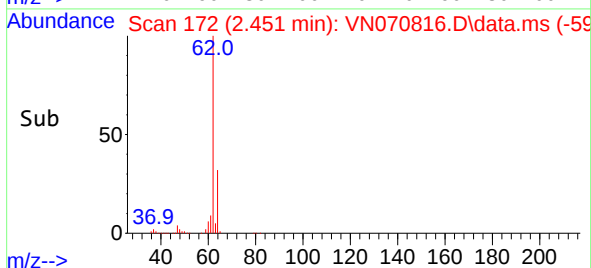
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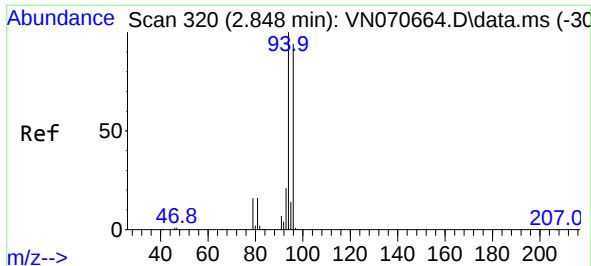


#4
Vinyl Chloride
Concen: 54.215 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.003 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28



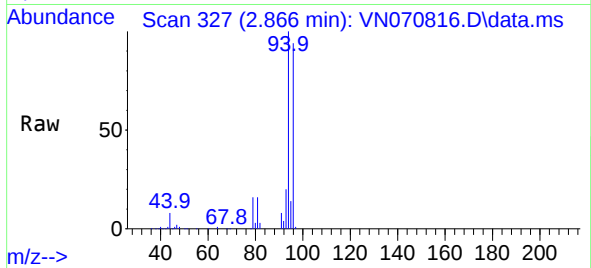
Tgt Ion: 62 Resp: 523380
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6





#5
Bromomethane
Concen: 60.538 ug/l
RT: 2.866 min Scan# 31
Delta R.T. 0.018 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

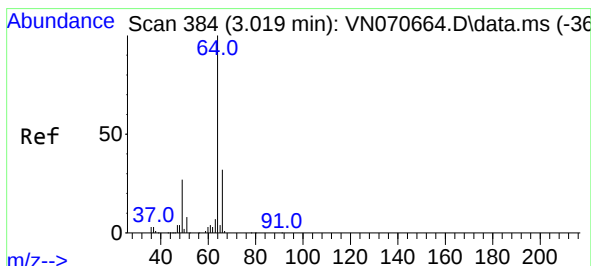
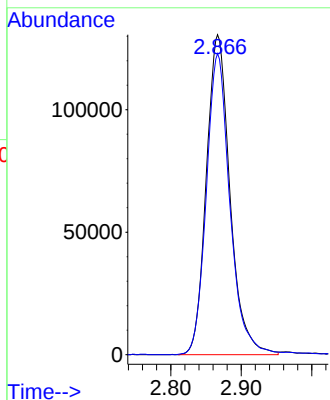
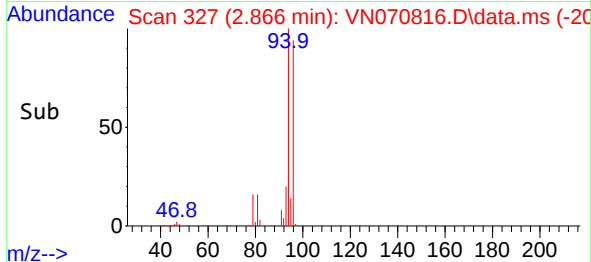
Instrument :
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Tgt Ion: 94 Resp: 30438
Ion Ratio Lower Upper
94 100
96 94.0 73.8 110.8

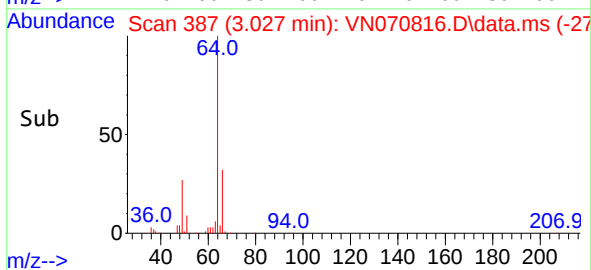
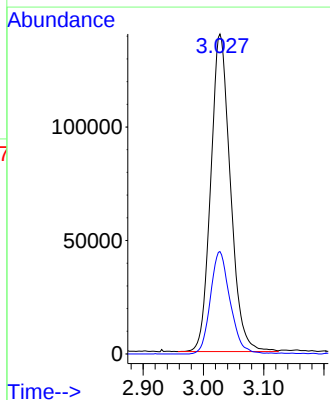
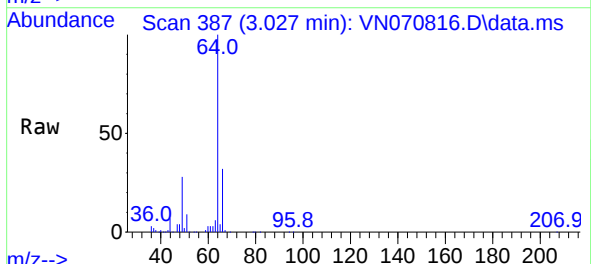
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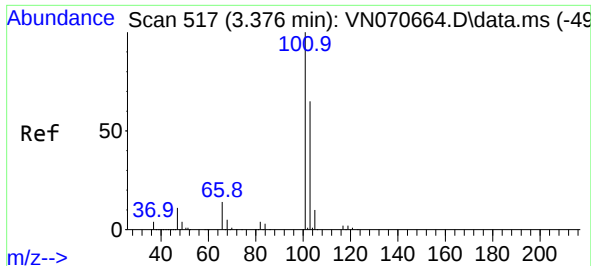
Reviewed By :John Carlone 01/28/2022
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#6
Chloroethane
Concen: 52.695 ug/l
RT: 3.027 min Scan# 387
Delta R.T. 0.008 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

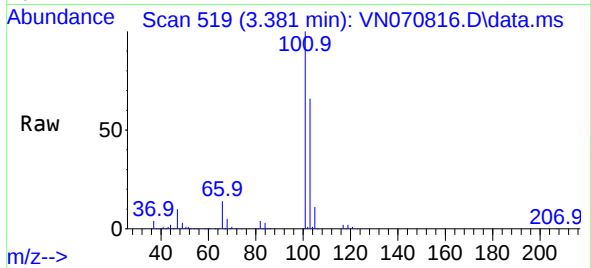
Tgt Ion: 64 Resp: 317458
Ion Ratio Lower Upper
64 100
66 32.3 26.3 39.5





#7
Trichlorofluoromethane
Concen: 58.727 ug/l
RT: 3.381 min Scan# 517
Delta R.T. 0.005 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

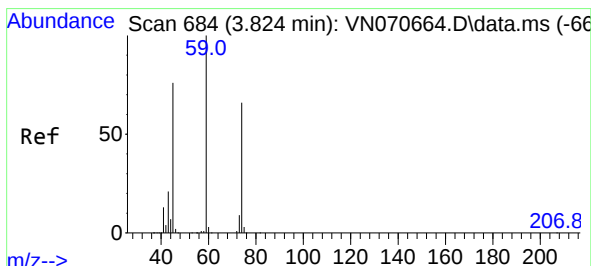
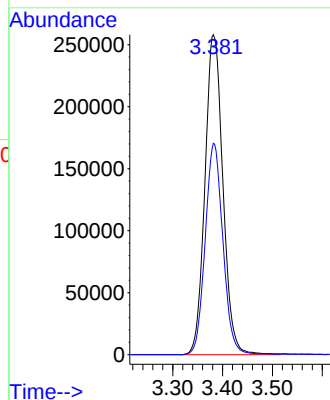
Instrument :
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Tgt Ion:101 Resp: 64765
Ion Ratio Lower Upper
101 100
103 66.0 50.1 75.1

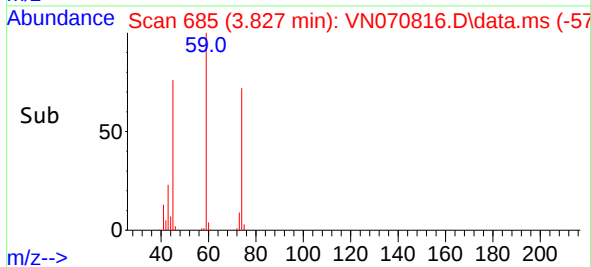
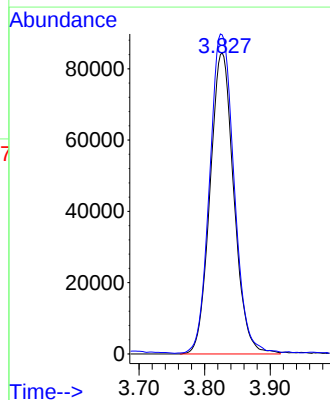
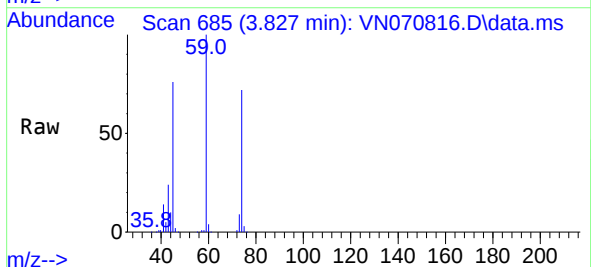
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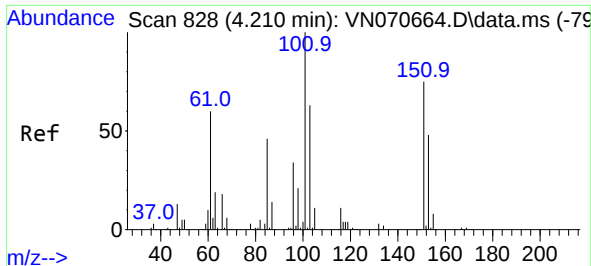
Reviewed By :John Carlone 01/28/2022
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#8
Diethyl Ether
Concen: 44.208 ug/l
RT: 3.827 min Scan# 685
Delta R.T. 0.003 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

Tgt Ion: 74 Resp: 212968
Ion Ratio Lower Upper
74 100
45 108.7 47.0 141.2





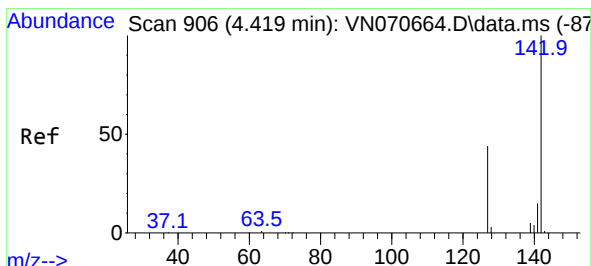
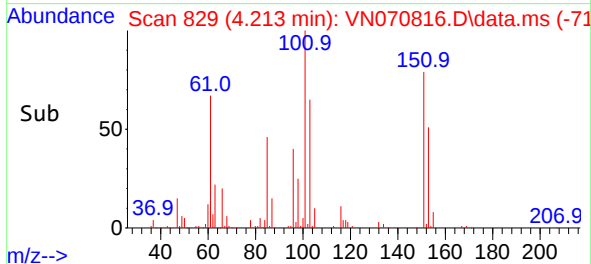
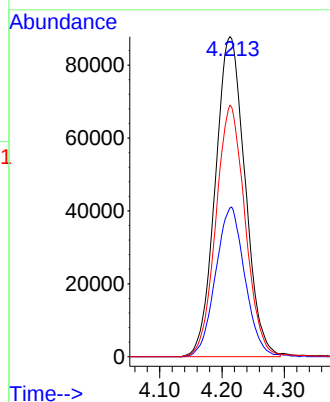
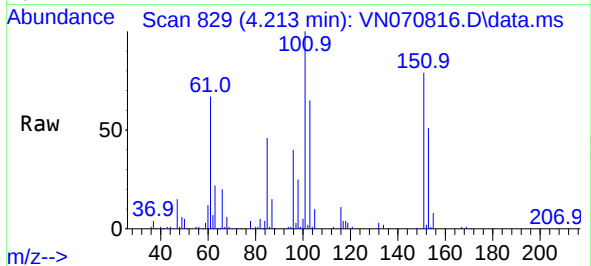
#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.597 ug/l
RT: 4.213 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 29058
Ion Ratio Lower Upper
101 100
85 46.3 37.2 55.8
151 77.2 65.9 98.9

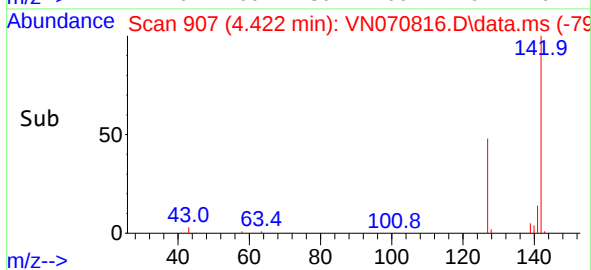
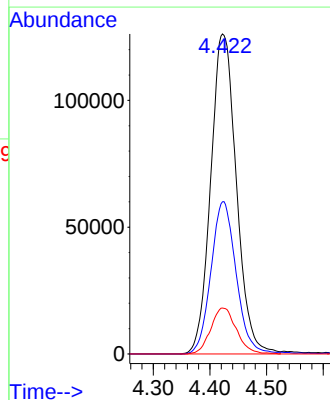
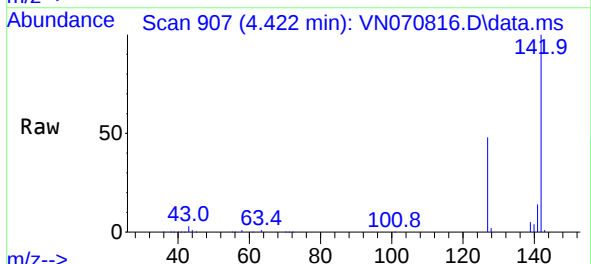
Manual Integrations
APPROVED

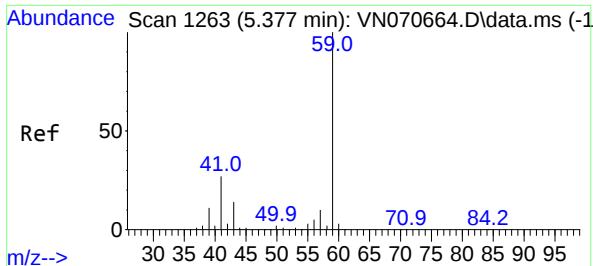
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#10
Methyl Iodide
Concen: 46.296 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.003 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

Tgt Ion:142 Resp: 397918
Ion Ratio Lower Upper
142 100
127 46.7 35.4 53.0
141 14.3 11.6 17.4





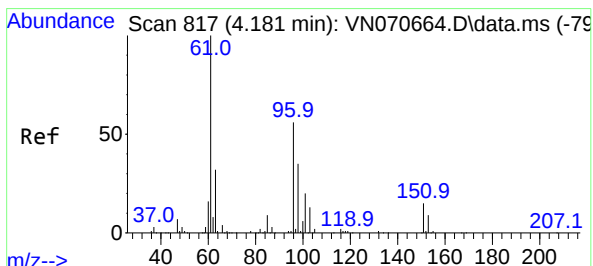
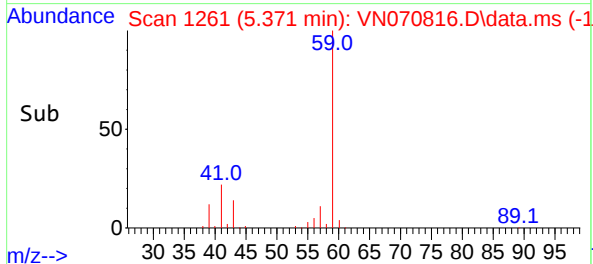
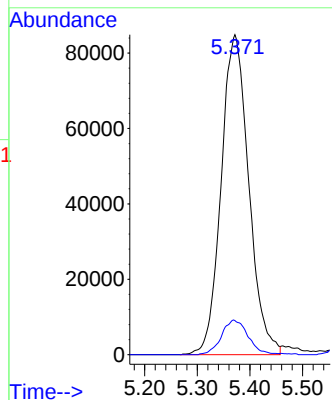
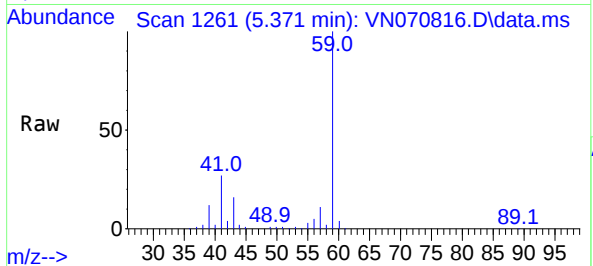
#11
Tert butyl alcohol
Concen: 199.356 ug/l
RT: 5.371 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 30974
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

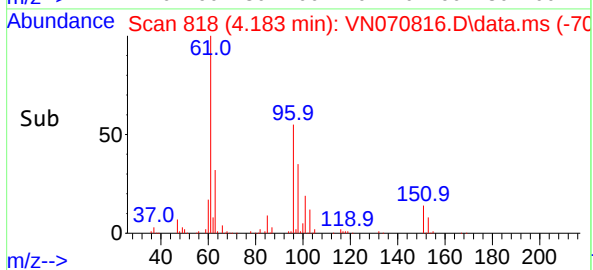
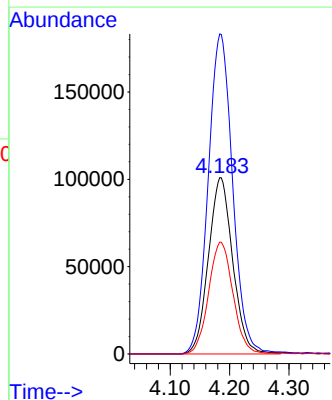
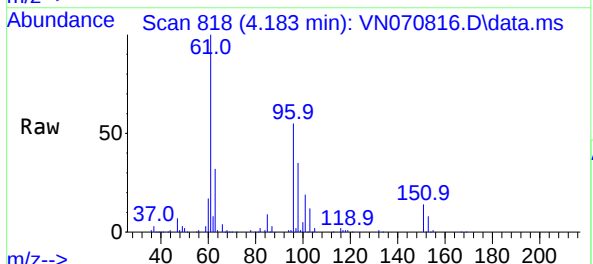
Manual Integrations
APPROVED

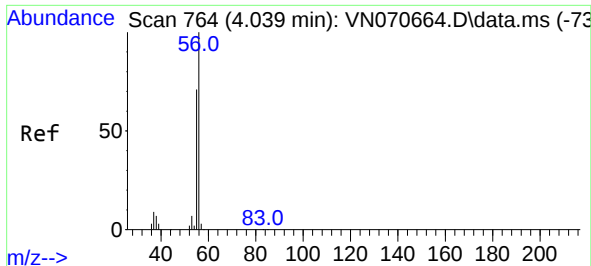
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#12
1,1-Dichloroethene
Concen: 43.325 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.002 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

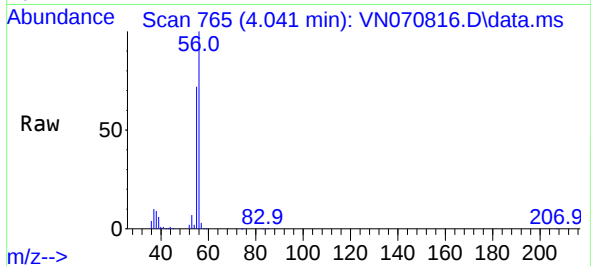
Tgt Ion: 96 Resp: 288016
Ion Ratio Lower Upper
96 100
61 181.6 131.0 196.6
98 63.5 52.4 78.6





#13
Acrolein
Concen: 228.047 ug/l
RT: 4.041 min Scan# 70
Delta R.T. 0.002 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

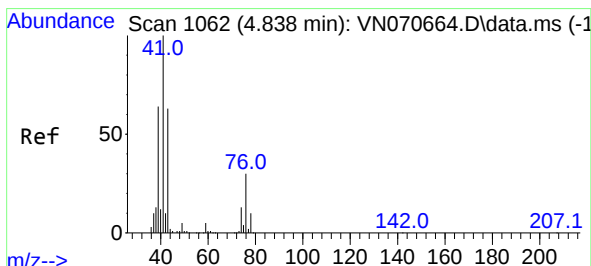
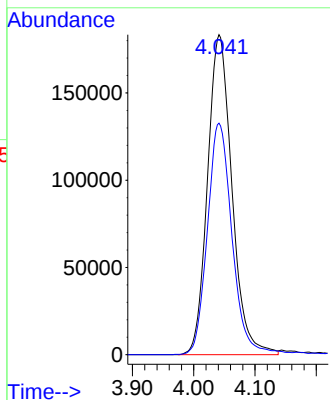
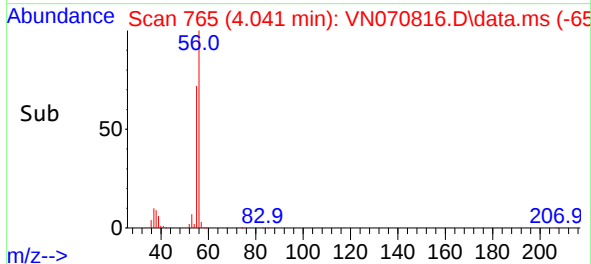
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



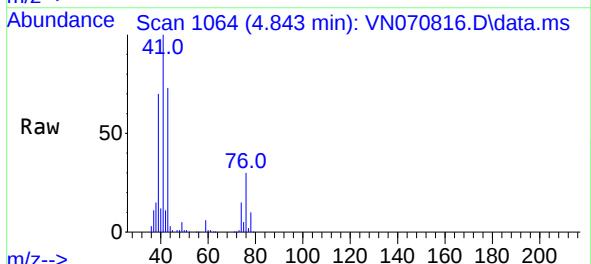
Tgt Ion: 56 Resp: 508170
Ion Ratio Lower Upper
56 100
55 73.2 56.6 85.0

Manual Integrations
APPROVED

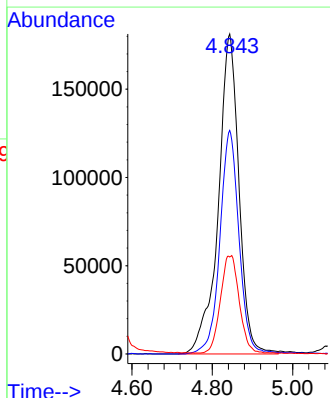
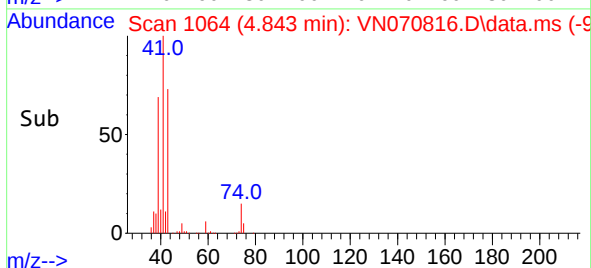
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

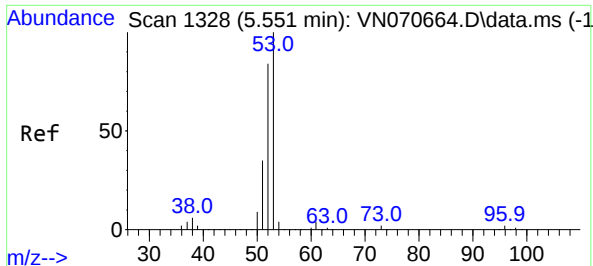


#14
Allyl chloride
Concen: 44.693 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. 0.005 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28



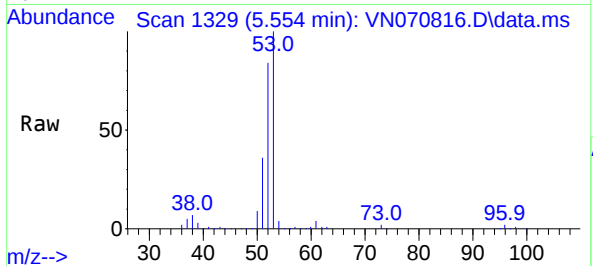
Tgt Ion: 41 Resp: 647364
Ion Ratio Lower Upper
41 100
39 64.2 61.2 91.8
76 14.1 26.0 39.0





#15
Acrylonitrile
Concen: 226.495 ug/l
RT: 5.554 min Scan# 1119510
Delta R.T. 0.003 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

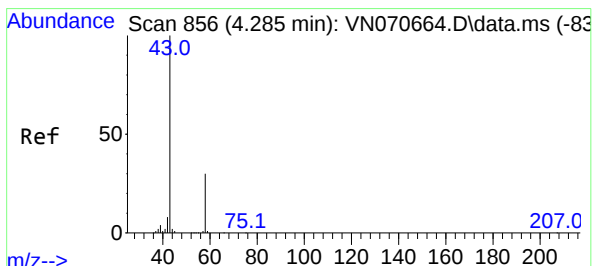
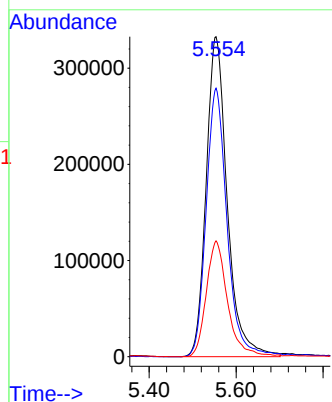
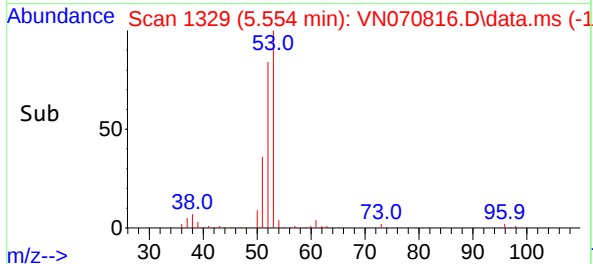
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 53 Resp: 1119510
Ion Ratio Lower Upper
53 100
52 82.9 66.2 99.2
51 36.6 29.6 44.4

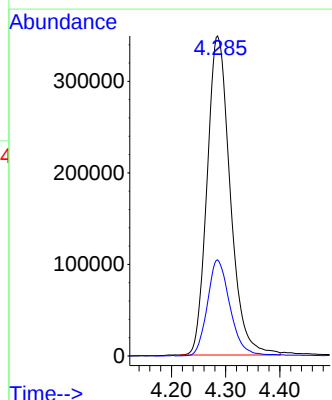
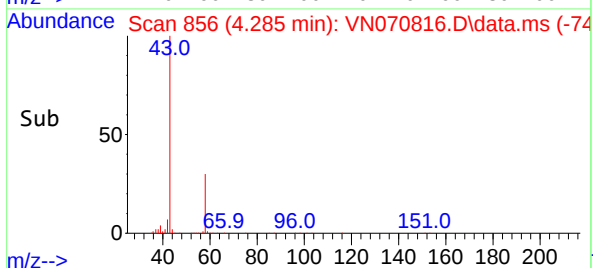
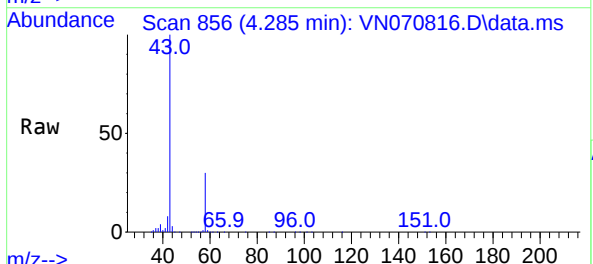
Manual Integrations
APPROVED

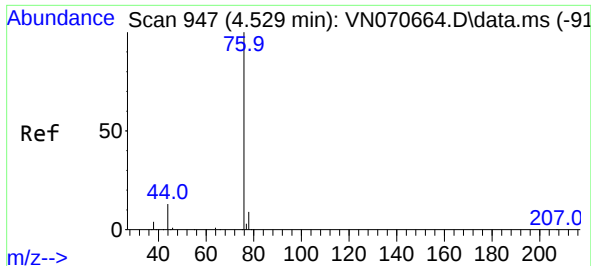
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#16
Acetone
Concen: 172.641 ug/l
RT: 4.285 min Scan# 856
Delta R.T. 0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

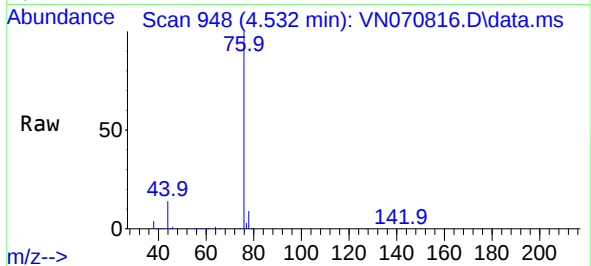
Tgt Ion: 43 Resp: 1031948
Ion Ratio Lower Upper
43 100
58 30.1 23.1 34.7





#17
Carbon Disulfide
Concen: 42.522 ug/l
RT: 4.532 min Scan# 947
Delta R.T. 0.003 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

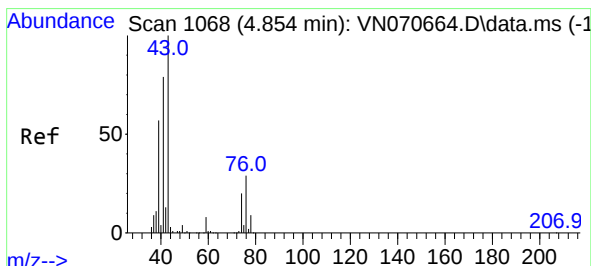
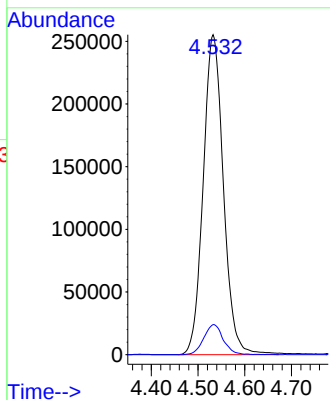
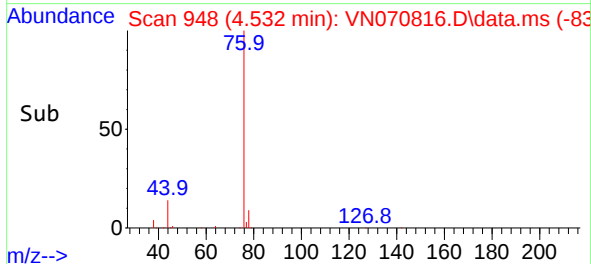
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



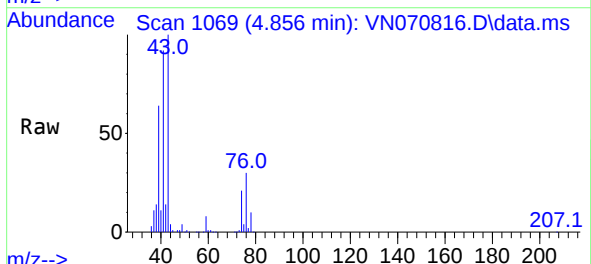
Tgt Ion: 76 Resp: 767730
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3

Manual Integrations
APPROVED

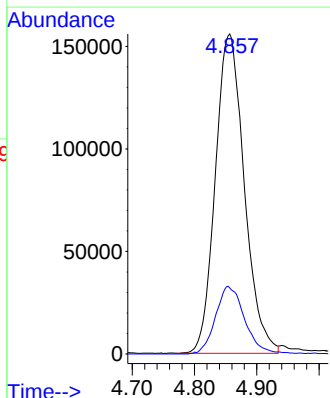
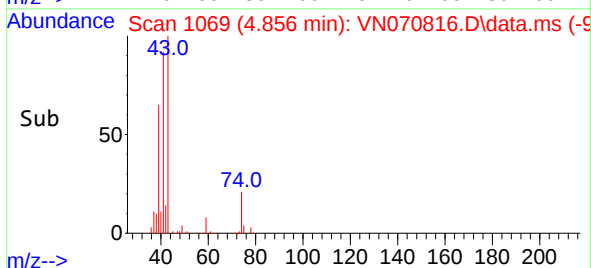
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

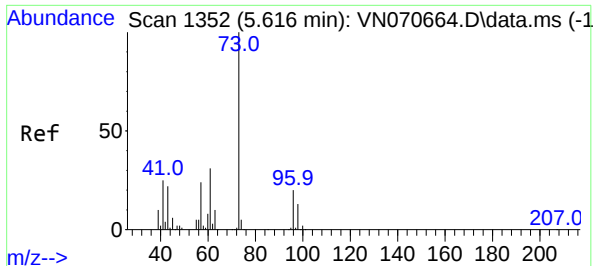


#18
Methyl Acetate
Concen: 42.805 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.002 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28



Tgt Ion: 43 Resp: 503186
Ion Ratio Lower Upper
43 100
74 21.3 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 49.868 ug/l
RT: 5.615 min Scan# 1159
Delta R.T. -0.001 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

Instrument :

MSVOA_N

ClientSampleId :

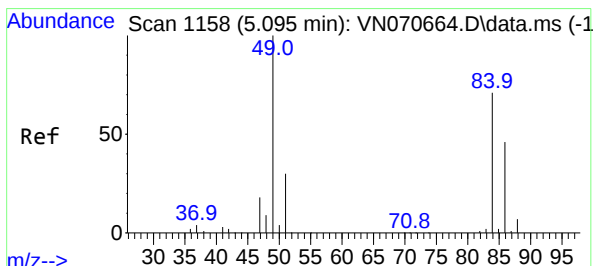
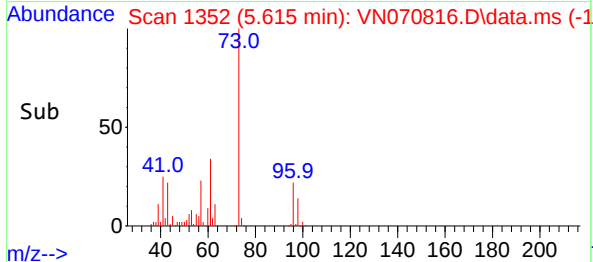
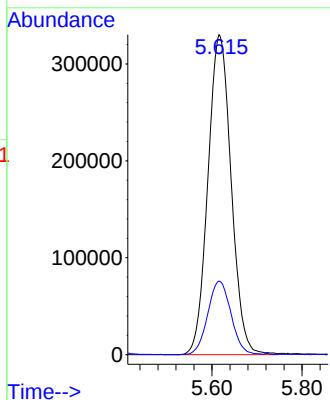
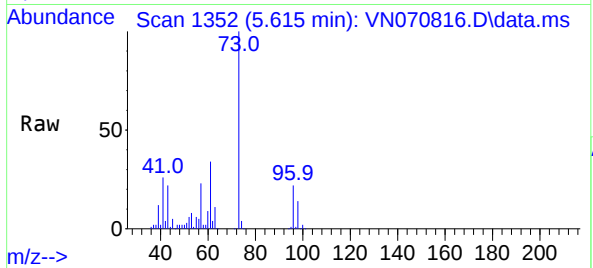
VSTDCCC050EC

Tgt Ion: 73 Resp: 1184290
Ion Ratio Lower Upper
73 100
57 23.0 16.8 25.2

Manual Integrations

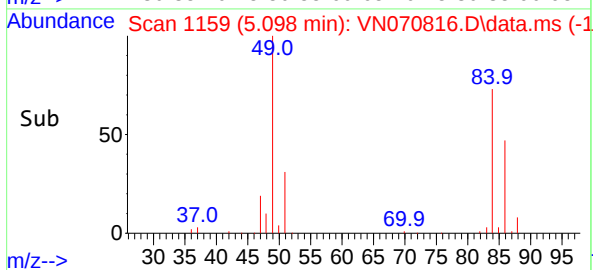
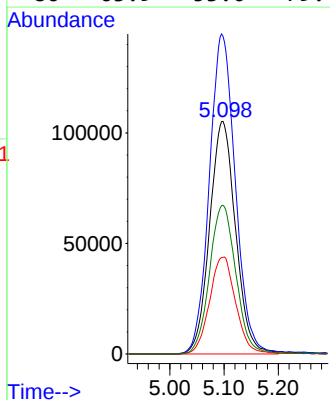
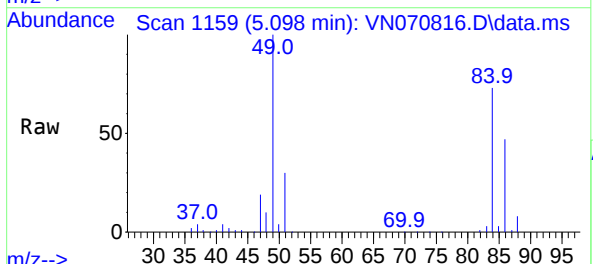
APPROVED

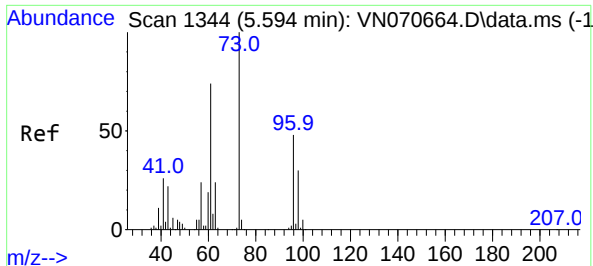
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#20
Methylene Chloride
Concen: 44.537 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.003 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

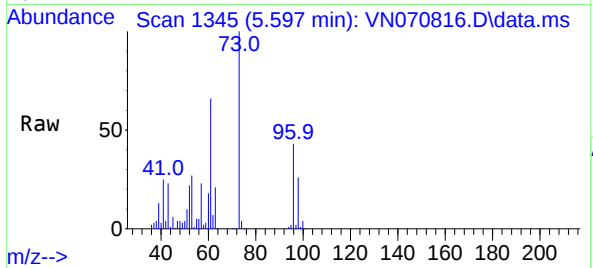
Tgt Ion: 84 Resp: 350669
Ion Ratio Lower Upper
84 100
49 136.4 93.5 140.3
51 41.5 29.4 44.2
86 63.9 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 46.552 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

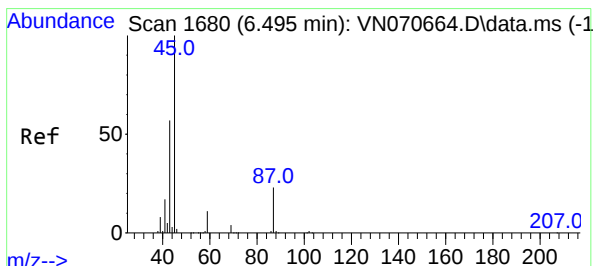
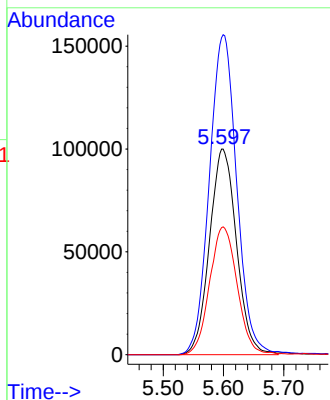
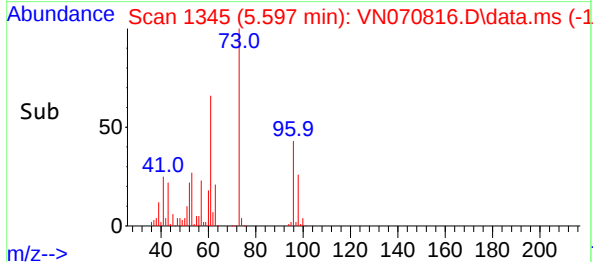
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



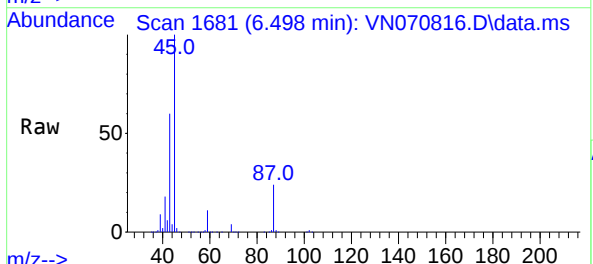
Tgt Ion: 96 Resp: 311469
Ion Ratio Lower Upper
96 100
61 154.2 105.8 158.6
98 61.8 52.0 78.0

Manual Integrations
APPROVED

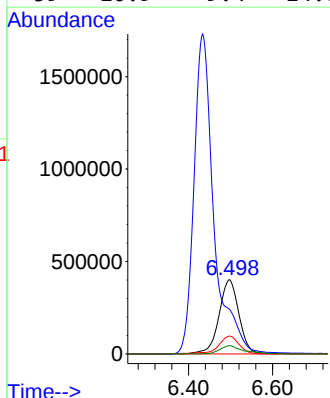
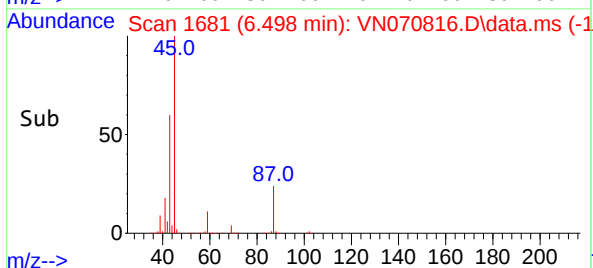
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

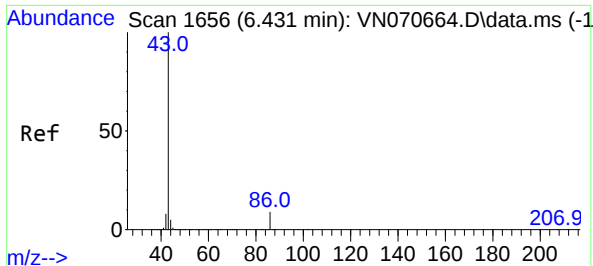


#22
Diisopropyl ether
Concen: 46.104 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.003 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28



Tgt Ion: 45 Resp: 1323649
Ion Ratio Lower Upper
45 100
43 58.1 51.7 77.5
87 24.0 23.2 34.8
59 10.9 9.4 14.0





#23
 Vinyl Acetate
 Concen: 235.366 ug/l
 RT: 6.433 min Scan# 1656
 Delta R.T. 0.002 min
 Lab File: VN070816.D
 Acq: 27 Jan 2022 19:28

Instrument :

MSVOA_N

ClientSampleId :

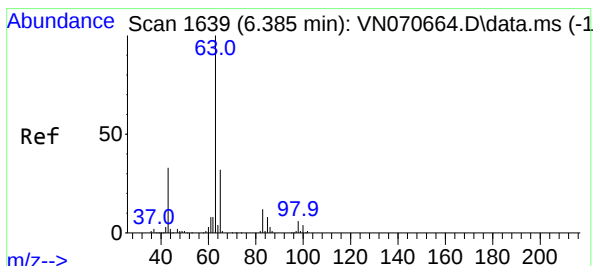
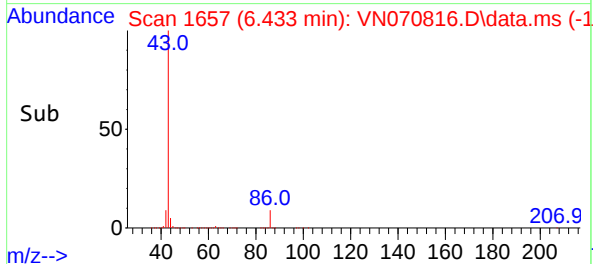
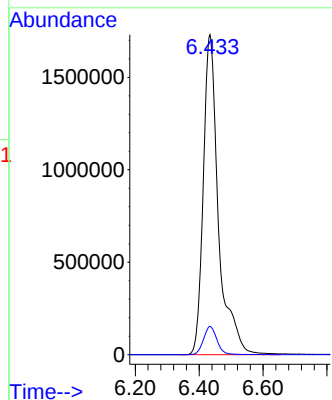
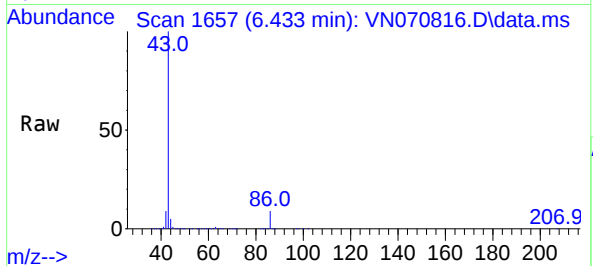
VSTDCCC050EC

Tgt Ion: 43 Resp: 572810
 Ion Ratio Lower Upper
 43 100
 86 8.8 8.5 12.7

Manual Integrations

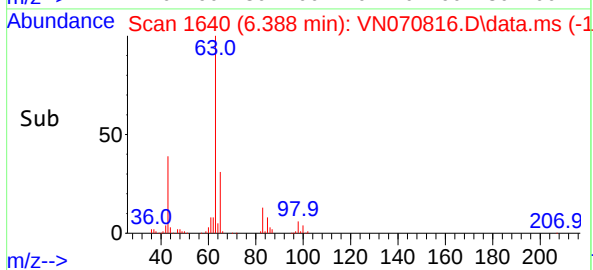
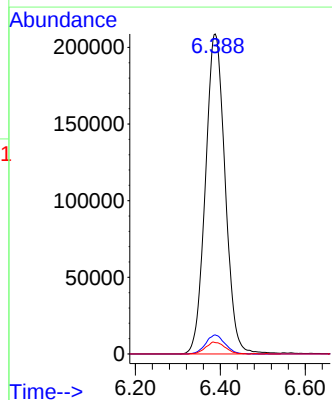
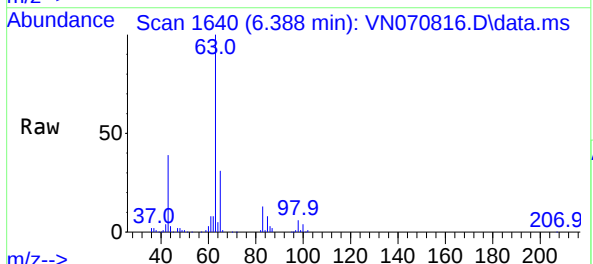
APPROVED

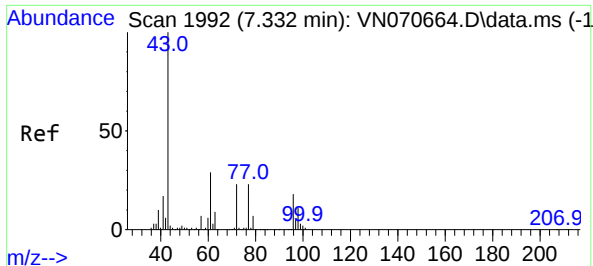
Reviewed By :John Carlone 01/28/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#24
 1,1-Dichloroethane
 Concen: 46.810 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.003 min
 Lab File: VN070816.D
 Acq: 27 Jan 2022 19:28

Tgt Ion: 63 Resp: 672246
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 3.6 2.1 6.5





#25

2-Butanone

Concen: 204.932 ug/l

RT: 7.332 min Scan# 1992

Delta R.T. -0.000 min

Lab File: VN070816.D

Acq: 27 Jan 2022 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 1541429

Ion Ratio Lower Upper

43 100

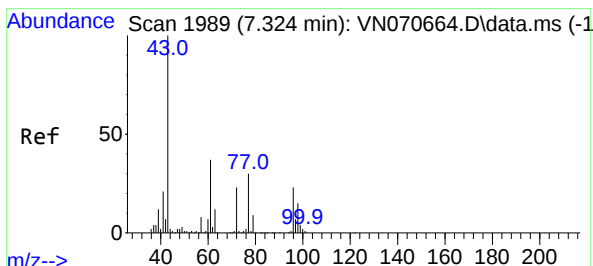
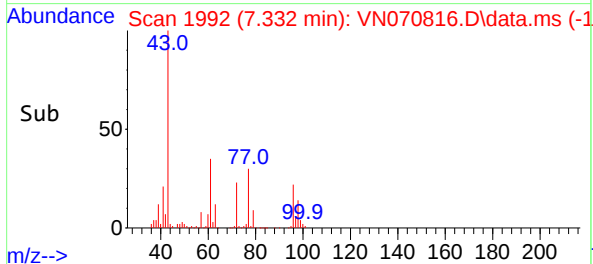
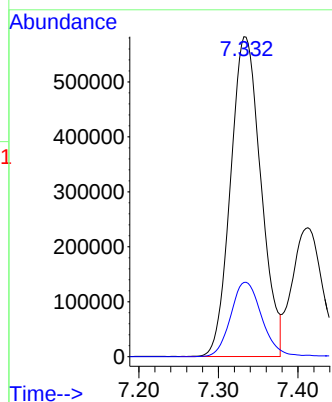
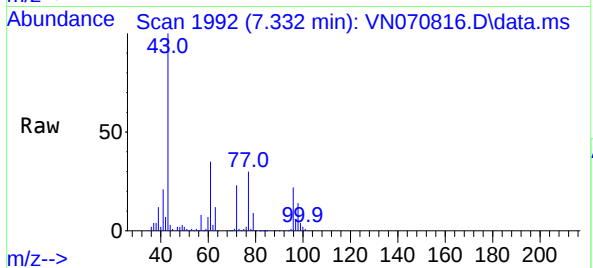
72 23.2 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



#26

2,2-Dichloropropane

Concen: 49.125 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.000 min

Lab File: VN070816.D

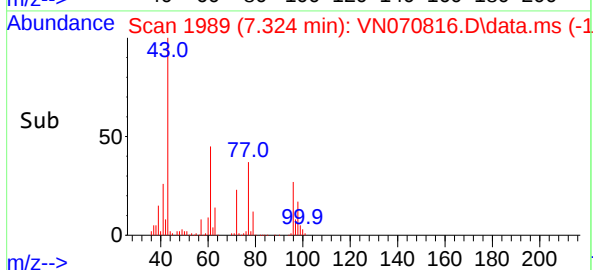
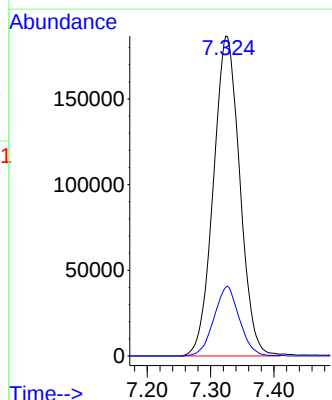
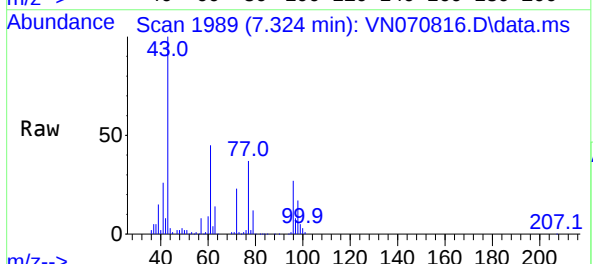
Acq: 27 Jan 2022 19:28

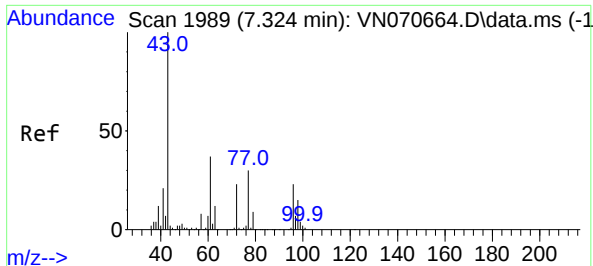
Tgt Ion: 77 Resp: 540894

Ion Ratio Lower Upper

77 100

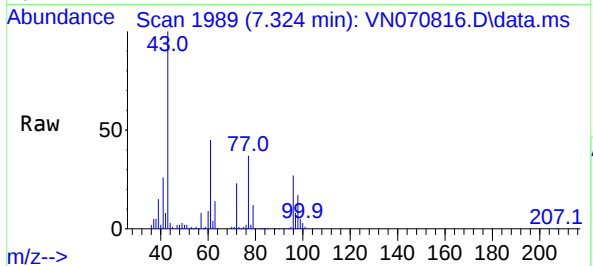
97 21.0 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 46.571 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

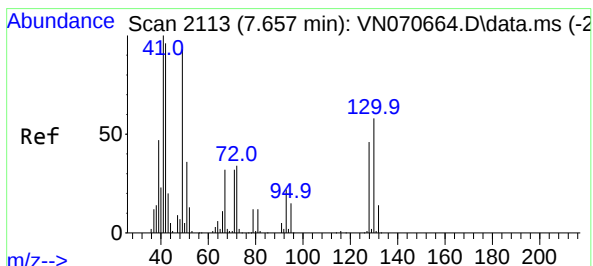
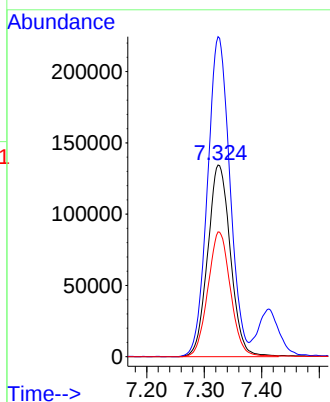
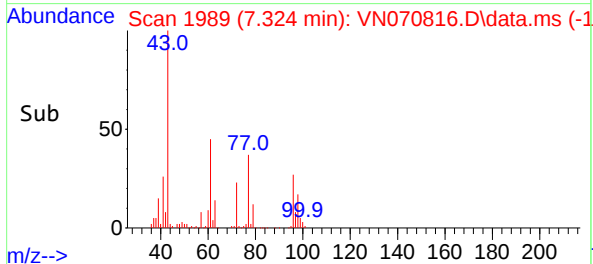
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



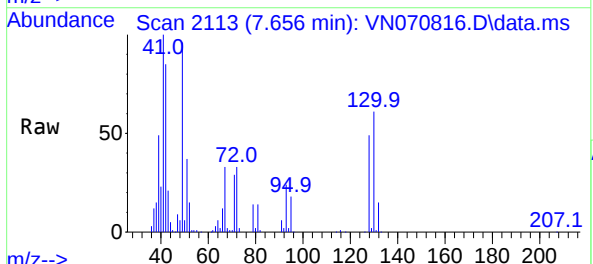
Tgt Ion: 96 Resp: 370149
Ion Ratio Lower Upper
96 100
61 164.1 0.0 275.0
98 64.3 0.0 129.6

Manual Integrations
APPROVED

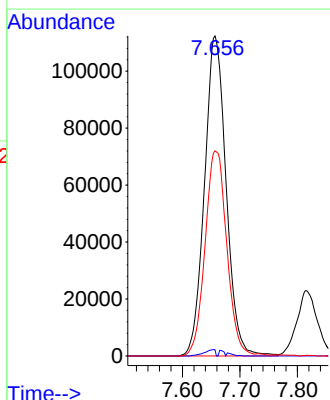
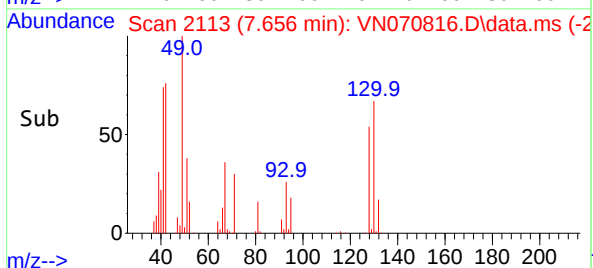
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

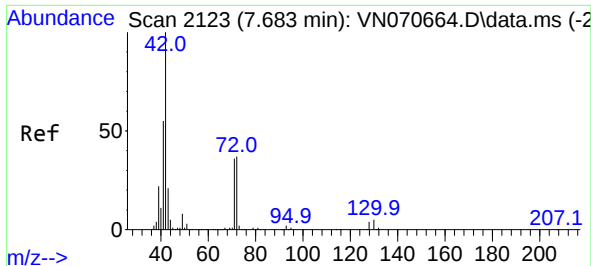


#28
Bromochloromethane
Concen: 45.585 ug/l
RT: 7.656 min Scan# 2113
Delta R.T. -0.001 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28



Tgt Ion: 49 Resp: 293923
Ion Ratio Lower Upper
49 100
129 1.0 0.0 4.0
130 64.2 67.8 101.8#





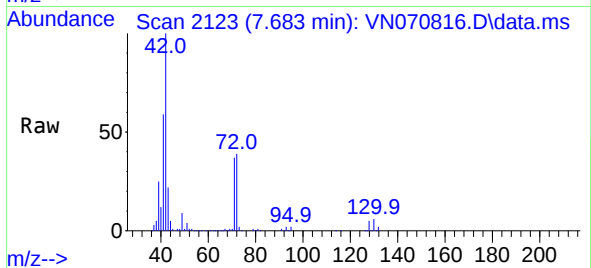
#29
Tetrahydrofuran
Concen: 223.555 ug/l
RT: 7.683 min Scan# 2123
Delta R.T. 0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



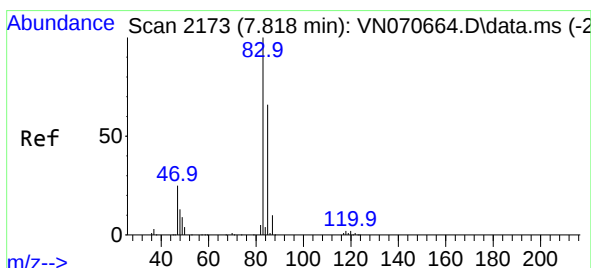
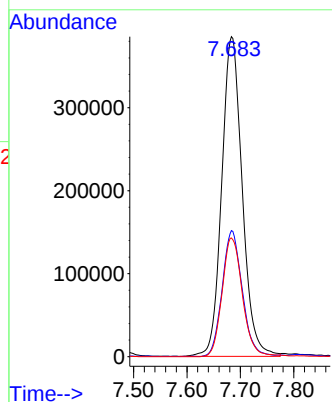
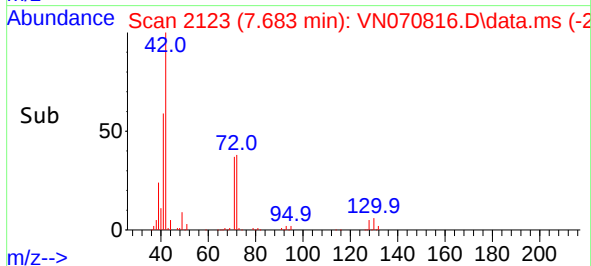
Tgt Ion: 42 Resp: 1029594
Ion Ratio Lower Upper
42 100
72 38.4 36.3 54.5
71 36.9 34.7 52.1

Manual Integrations

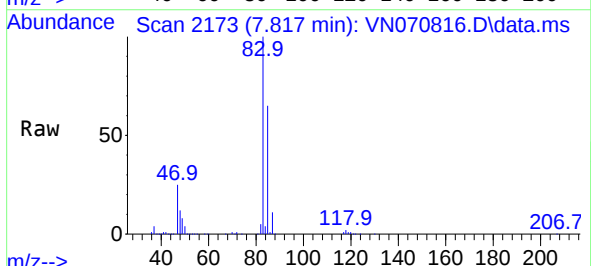
APPROVED

Reviewed By :John Carlone 01/28/2022

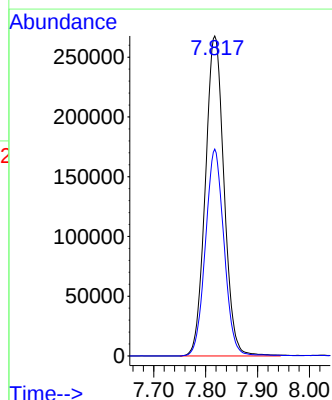
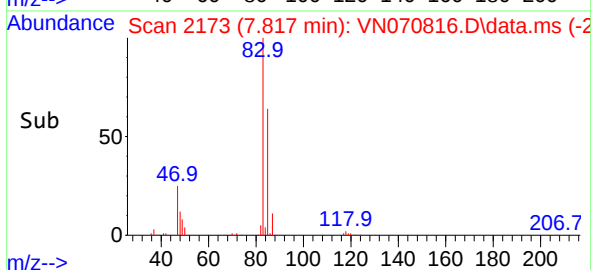
Supervised By :Mahesh Dadoda 01/28/2022

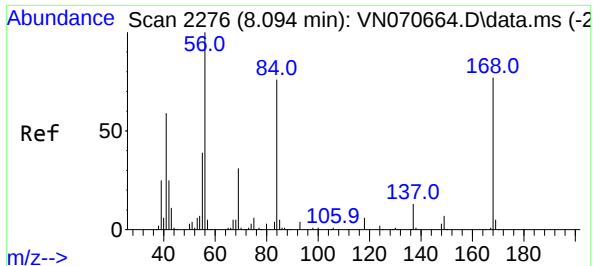


#30
Chloroform
Concen: 47.716 ug/l
RT: 7.817 min Scan# 2173
Delta R.T. -0.001 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28



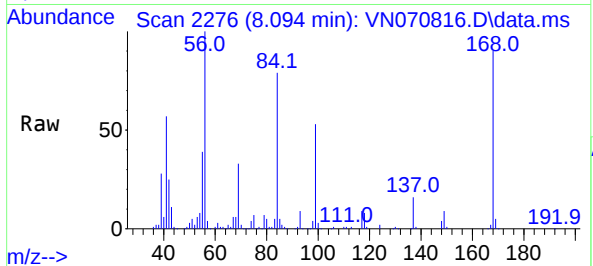
Tgt Ion: 83 Resp: 669491
Ion Ratio Lower Upper
83 100
85 64.6 51.9 77.9





#31
Cyclohexane
Concen: 41.941 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

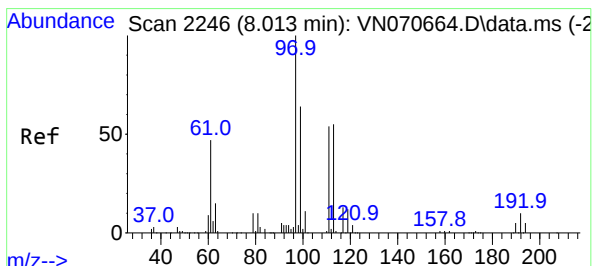
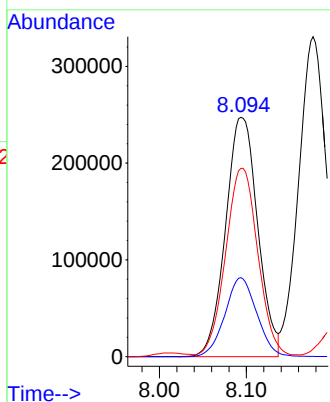
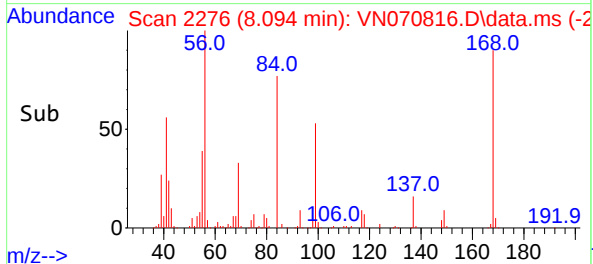
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



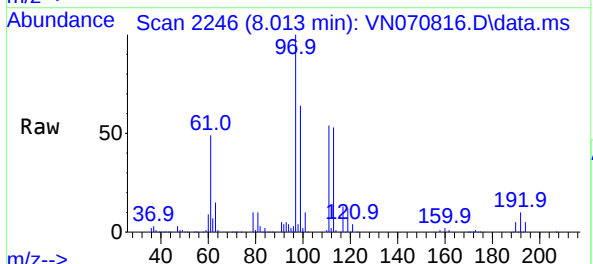
Tgt Ion: 56 Resp: 636035
Ion Ratio Lower Upper
56 100
69 33.0 27.1 40.7
84 77.3 73.4 110.0

Manual Integrations
APPROVED

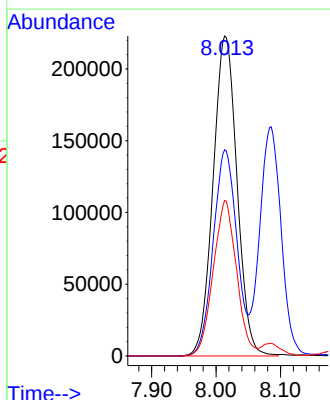
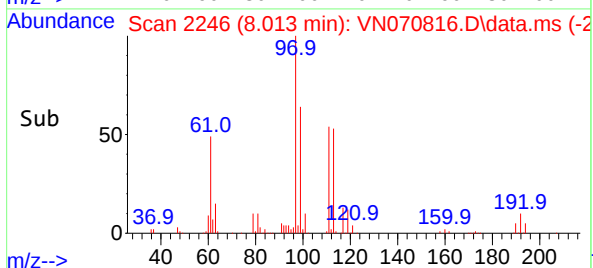
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

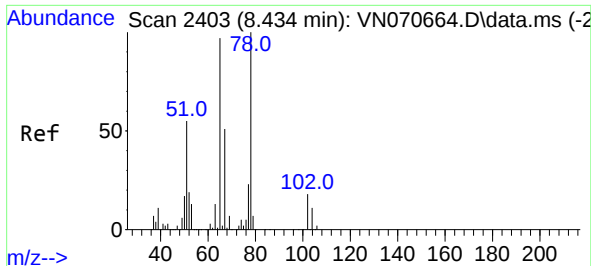


#32
1,1,1-Trichloroethane
Concen: 51.652 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28



Tgt Ion: 97 Resp: 575767
Ion Ratio Lower Upper
97 100
99 63.8 50.1 75.1
61 47.4 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 53.143 ug/l

RT: 8.437 min Scan# 2403

Delta R.T. 0.003 min

Lab File: VN070816.D

Acq: 27 Jan 2022 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 457674

Ion Ratio Lower Upper

65 100

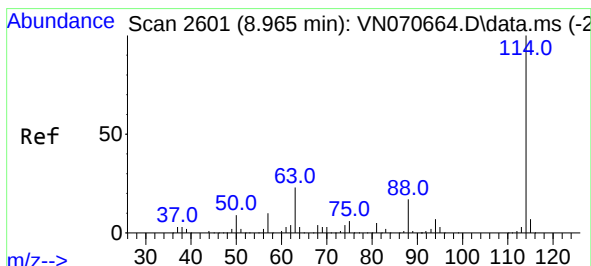
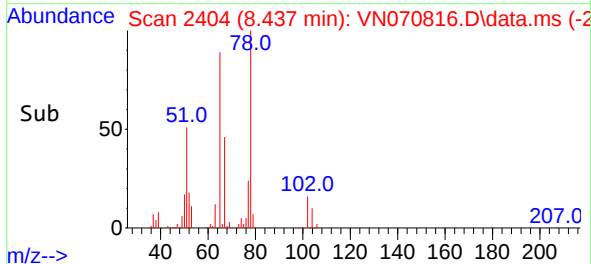
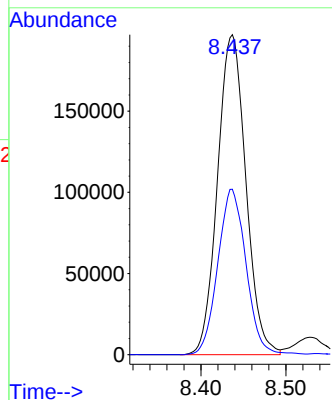
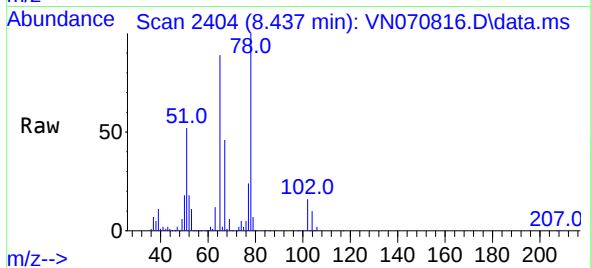
67 51.5 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. 0.000 min

Lab File: VN070816.D

Acq: 27 Jan 2022 19:28

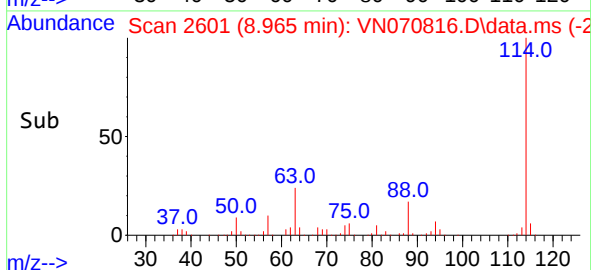
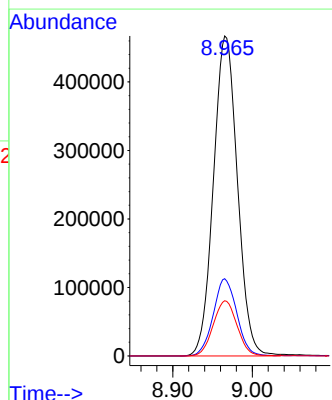
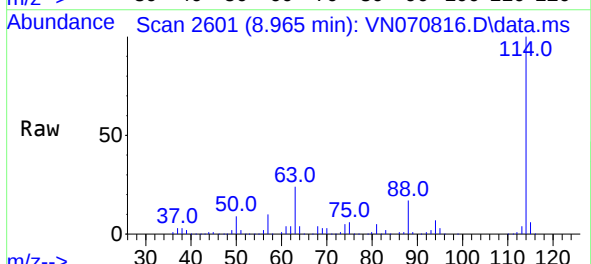
Tgt Ion:114 Resp: 978909

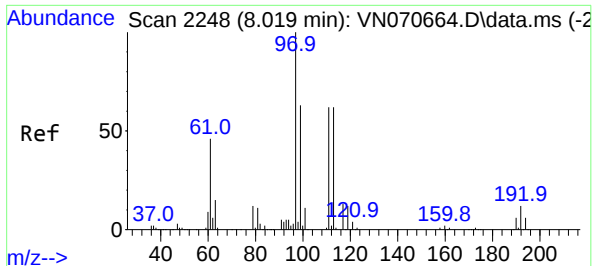
Ion Ratio Lower Upper

114 100

63 24.1 0.0 37.8

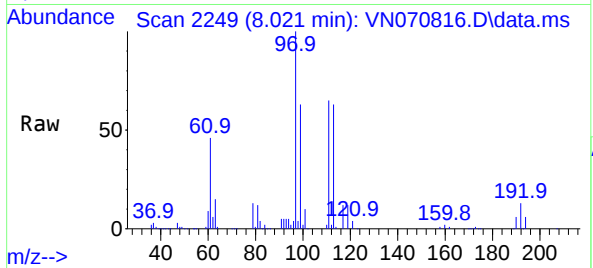
88 17.2 0.0 27.4





#35
Dibromofluoromethane
Concen: 51.965 ug/l
RT: 8.021 min Scan# 21
Delta R.T. 0.002 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

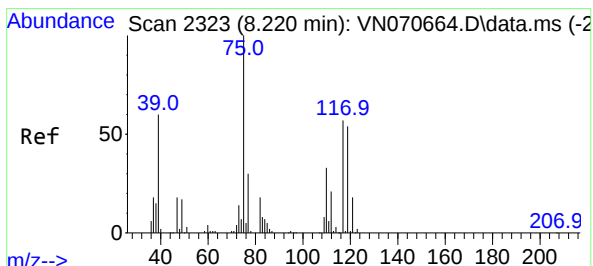
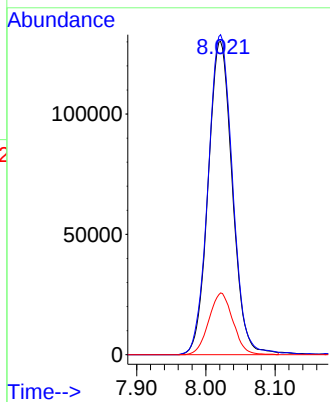
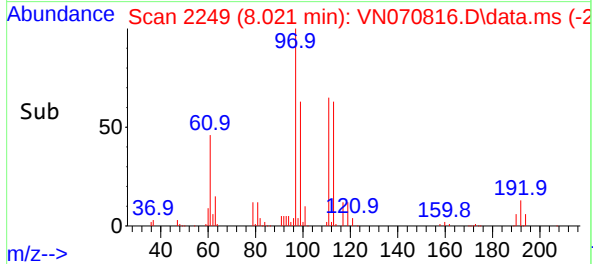
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



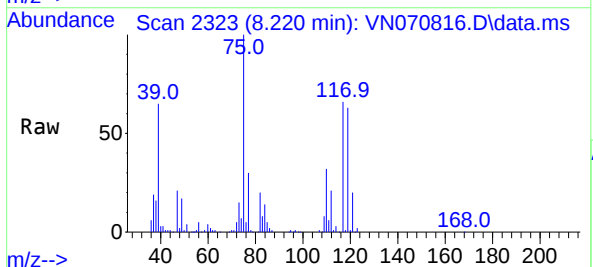
Tgt Ion: 113 Resp: 31554
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 19.7 16.9 25.3

Manual Integrations
APPROVED

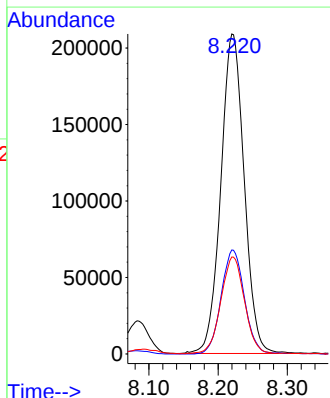
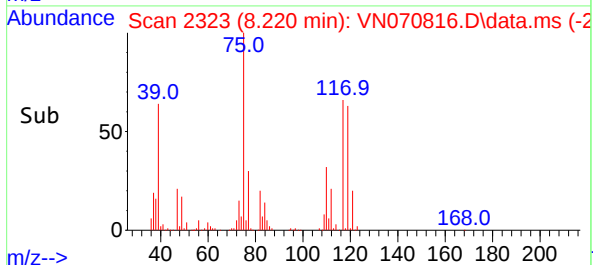
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

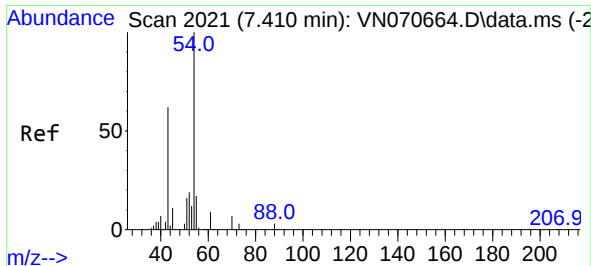


#36
1,1-Dichloropropene
Concen: 47.839 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28



Tgt Ion: 75 Resp: 489032
Ion Ratio Lower Upper
75 100
110 32.5 18.4 55.2
77 30.6 24.4 36.6





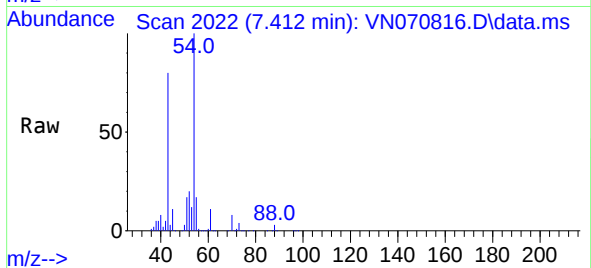
#37
Ethyl Acetate
Concen: 45.502 ug/l
RT: 7.412 min Scan# 2021
Delta R.T. 0.002 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



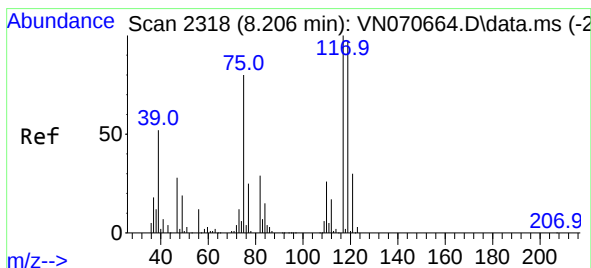
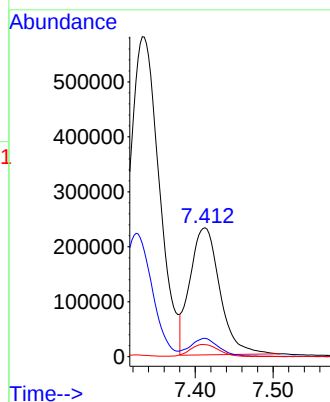
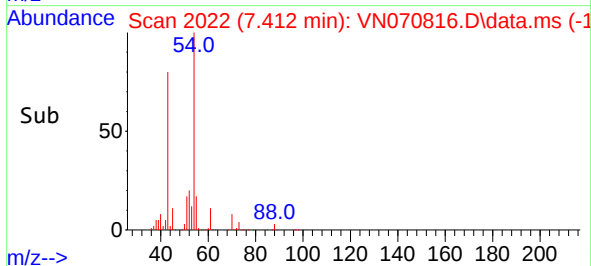
Tgt Ion: 43 Resp: 617528
Ion Ratio Lower Upper
43 100
61 13.3 11.5 17.3
70 9.0 7.9 11.9

Manual Integrations

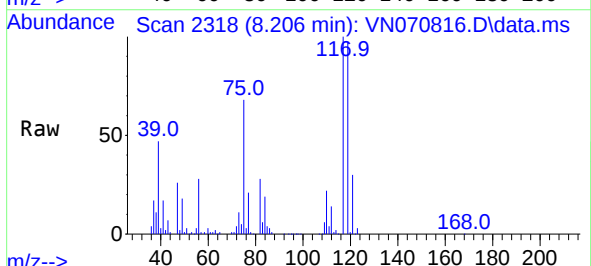
APPROVED

Reviewed By :John Carlone 01/28/2022

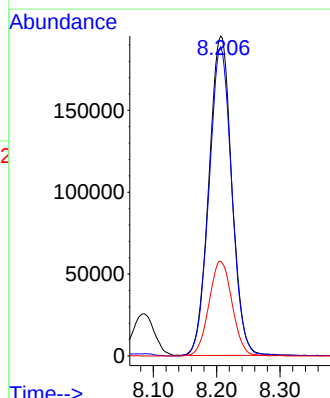
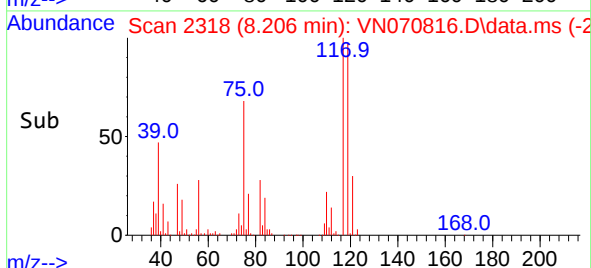
Supervised By :Mahesh Dadoda 01/28/2022

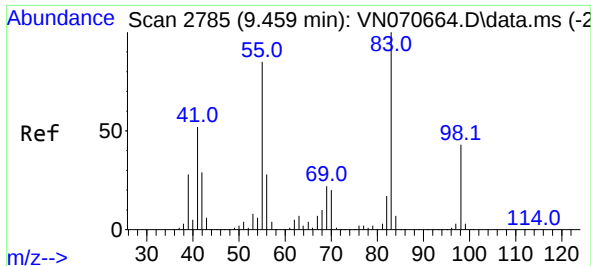


#38
Carbon Tetrachloride
Concen: 53.752 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28



Tgt Ion:117 Resp: 488818
Ion Ratio Lower Upper
117 100
119 96.8 76.1 114.1
121 29.6 24.2 36.2





#39
Methylcyclohexane
Concen: 46.213 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

Instrument :

MSVOA_N

ClientSampleId :

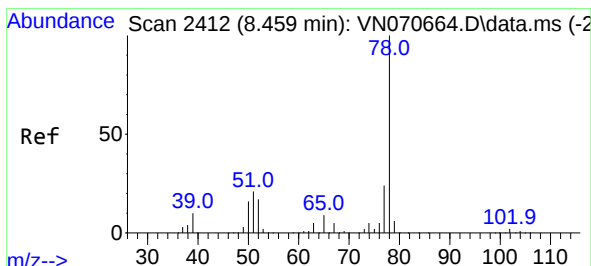
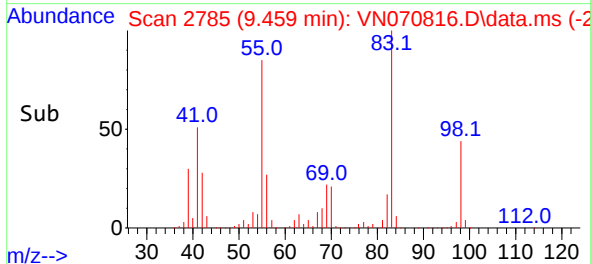
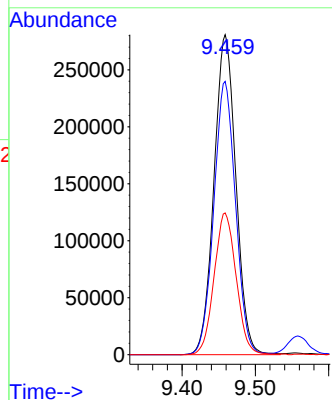
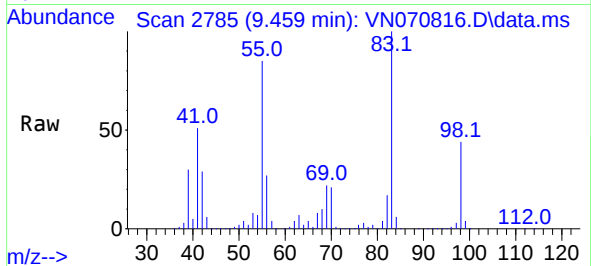
VSTDC0050EC

Tgt Ion: 83 Resp: 583200
Ion Ratio Lower Upper
83 100
55 85.4 58.1 87.1
98 44.3 38.4 57.6

Manual Integrations

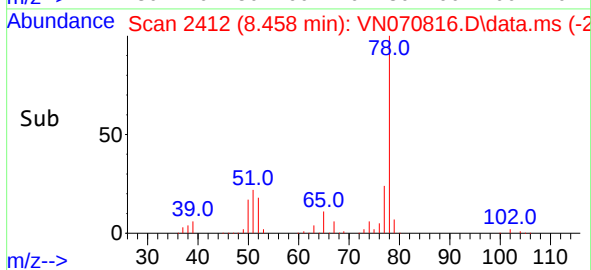
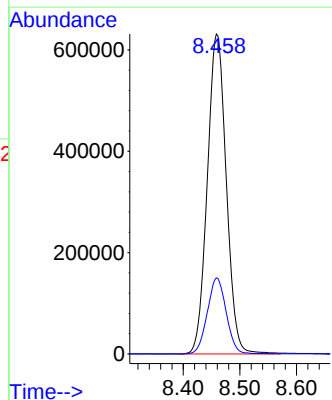
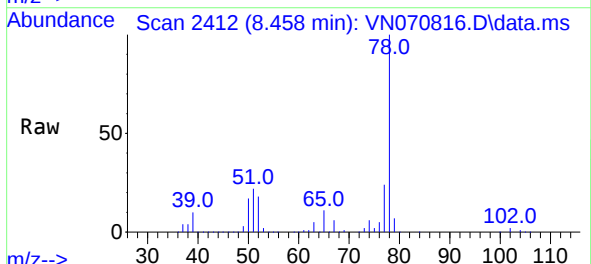
APPROVED

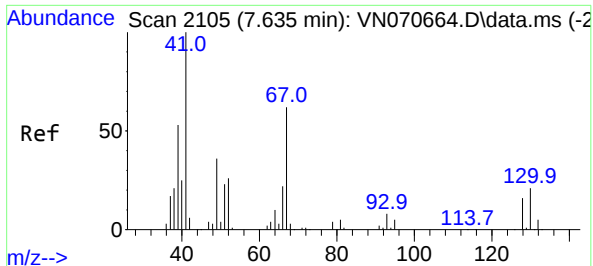
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#40
Benzene
Concen: 46.396 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.001 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

Tgt Ion: 78 Resp: 1469570
Ion Ratio Lower Upper
78 100
77 23.8 18.6 27.8





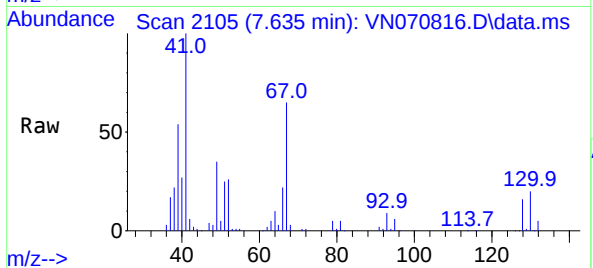
#41
Methacrylonitrile
Concen: 46.881 ug/l
RT: 7.635 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

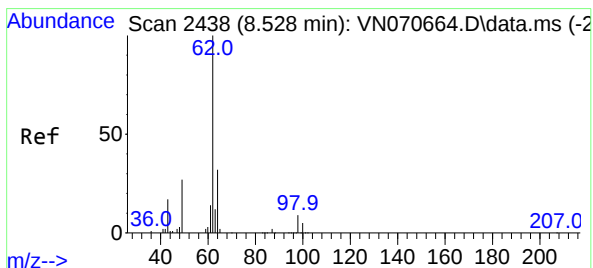
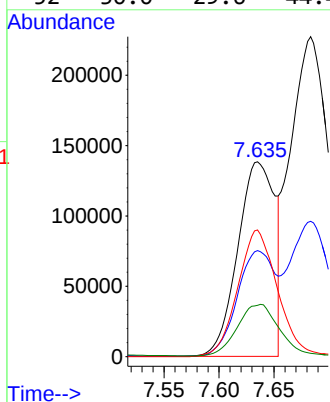
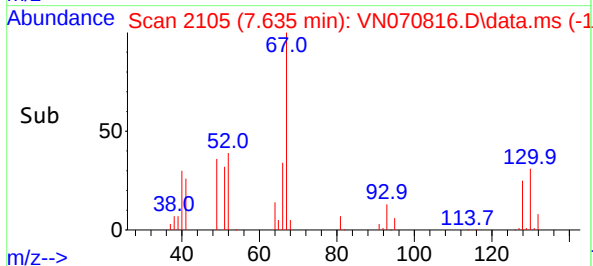


Tgt Ion: 41 Resp: 32368
Ion Ratio Lower Upper
41 100
39 54.6 48.1 72.1
67 71.2 68.3 102.5
52 30.0 29.6 44.4

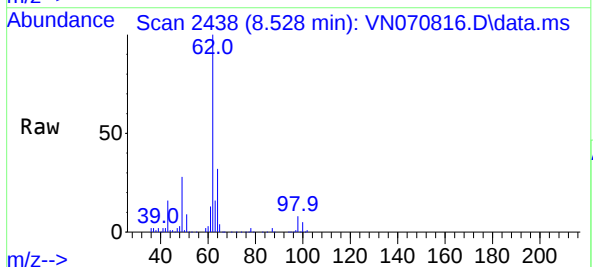
Manual Integrations

APPROVED

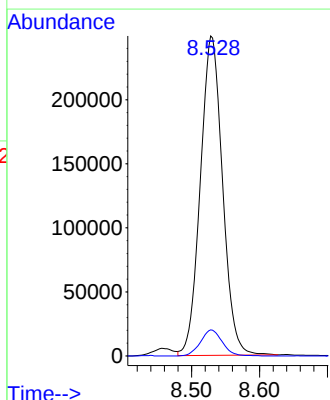
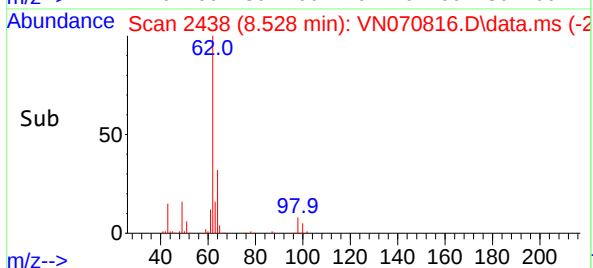
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

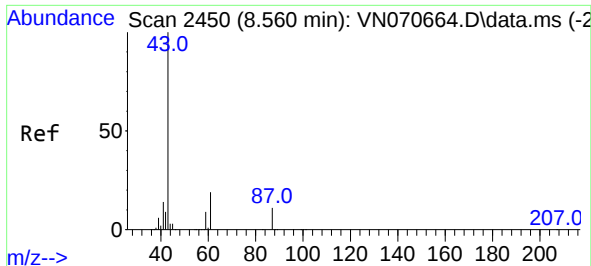


#42
1,2-Dichloroethane
Concen: 51.590 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28



Tgt Ion: 62 Resp: 566614
Ion Ratio Lower Upper
62 100
98 8.0 0.0 17.6





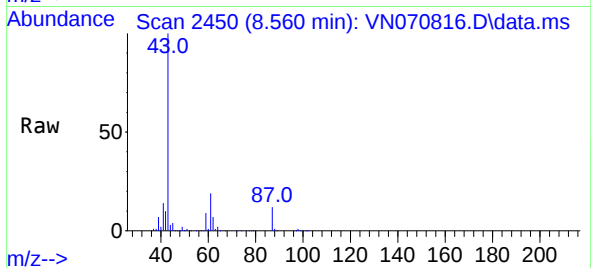
#43
Isopropyl Acetate
Concen: 48.601 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



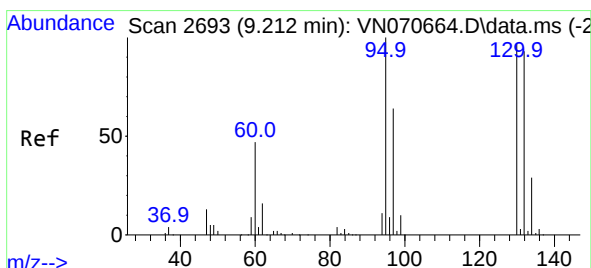
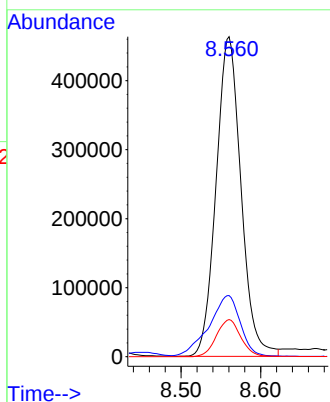
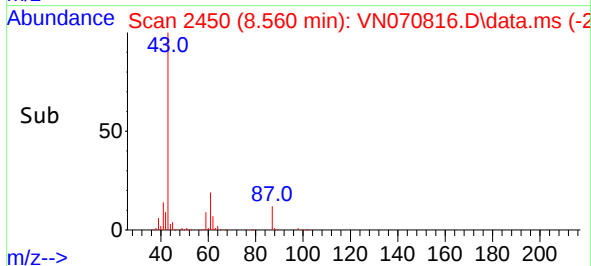
Tgt Ion: 43 Resp: 100745
Ion Ratio Lower Upper
43 100
61 23.9 20.4 30.6
87 11.4 11.2 16.8

Manual Integrations

APPROVED

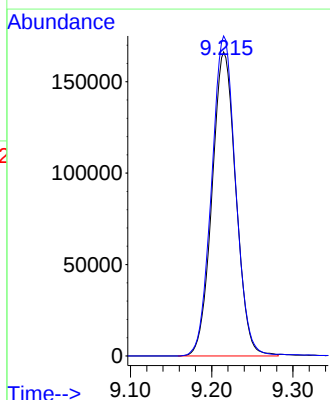
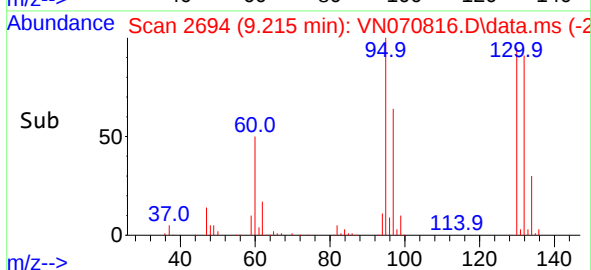
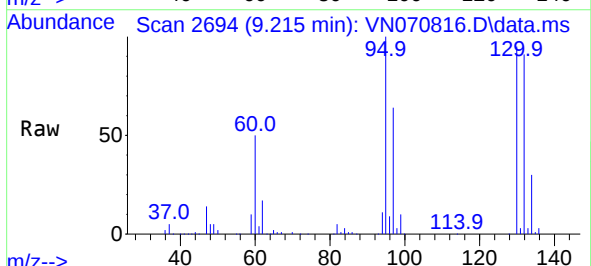
Reviewed By :John Carlone 01/28/2022

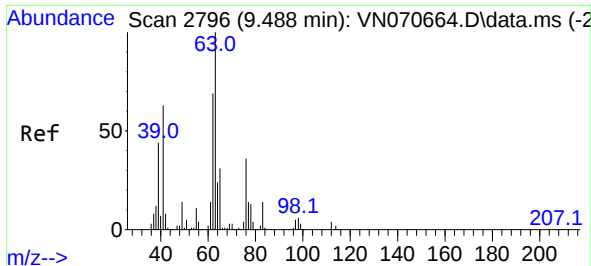
Supervised By :Mahesh Dadoda 01/28/2022



#44
Trichloroethene
Concen: 47.241 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. 0.003 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

Tgt Ion:130 Resp: 339224
Ion Ratio Lower Upper
130 100
95 105.3 0.0 191.2





#45

1,2-Dichloropropane

Concen: 46.721 ug/l

RT: 9.488 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070816.D

Acq: 27 Jan 2022 19:28

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 402638

Ion Ratio Lower Upper

63 100

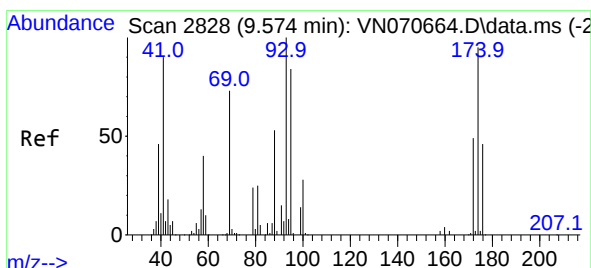
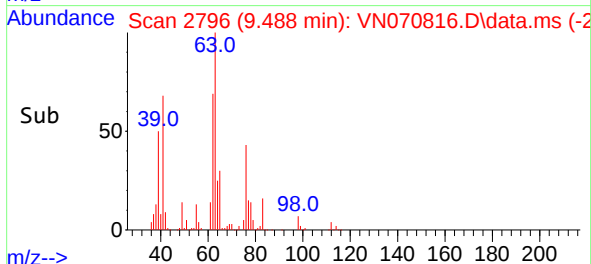
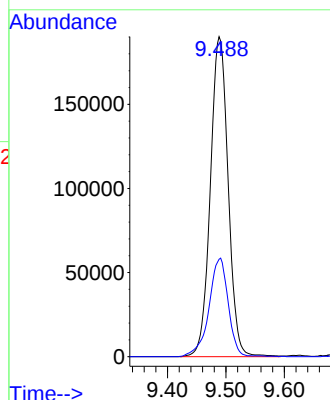
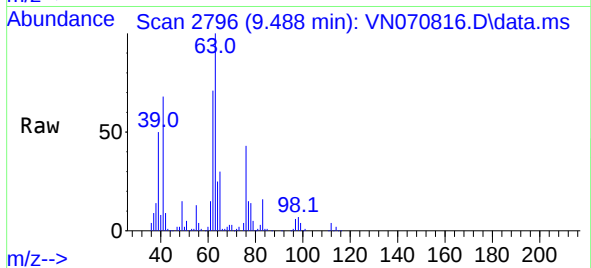
65 30.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



#46

Dibromomethane

Concen: 50.358 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.003 min

Lab File: VN070816.D

Acq: 27 Jan 2022 19:28

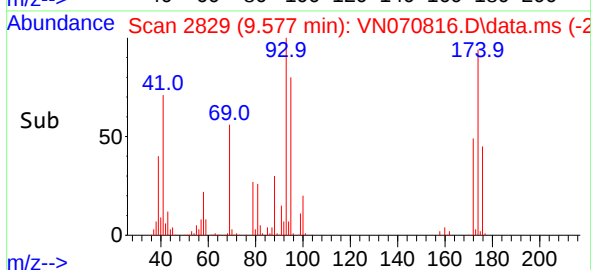
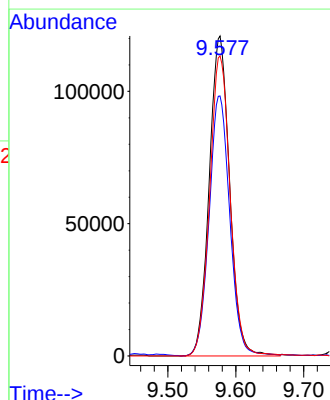
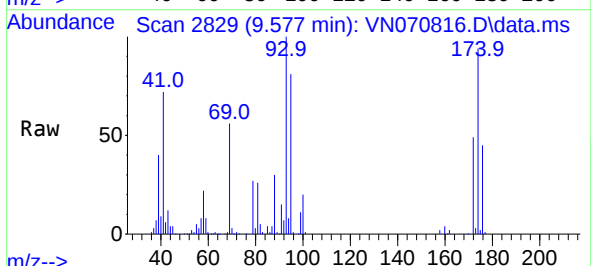
Tgt Ion: 93 Resp: 252344

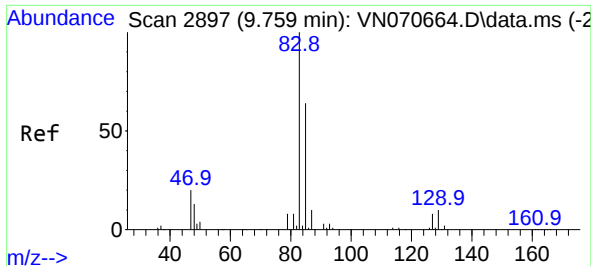
Ion Ratio Lower Upper

93 100

95 82.5 65.9 98.9

174 94.5 84.6 127.0





#47
Bromodichloromethane
Concen: 51.403 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. 0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

Instrument :

MSVOA_N

ClientSampleId :

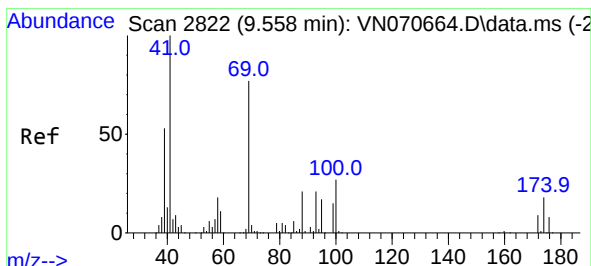
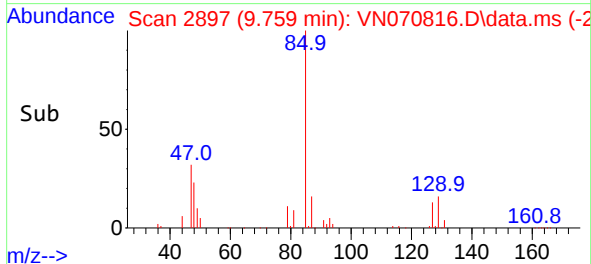
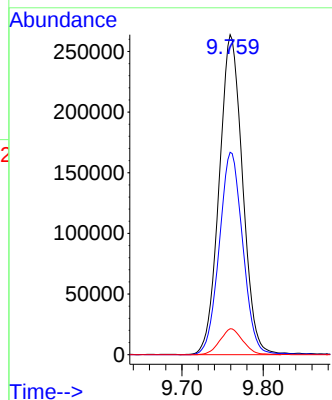
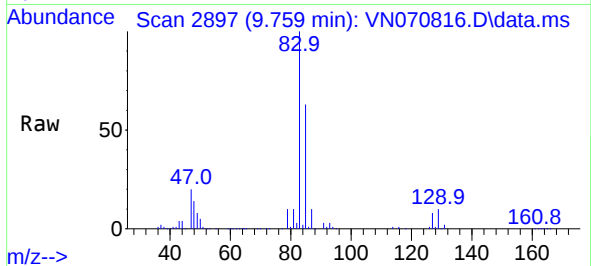
VSTDCCC050EC

Tgt Ion: 83 Resp: 526534
Ion Ratio Lower Upper
83 100
85 63.2 50.9 76.3
127 8.1 7.1 10.7

Manual Integrations

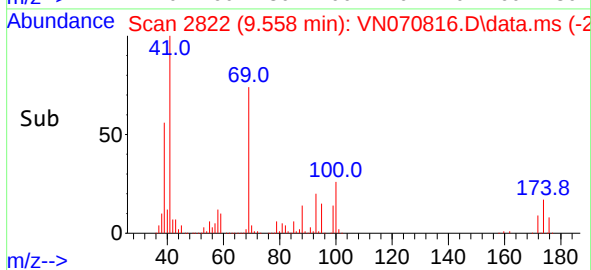
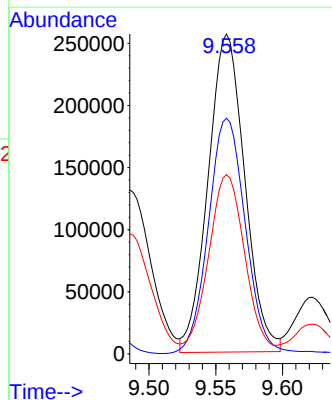
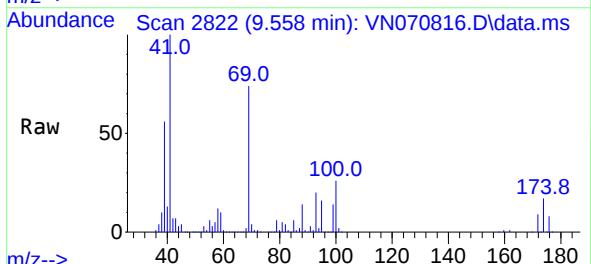
APPROVED

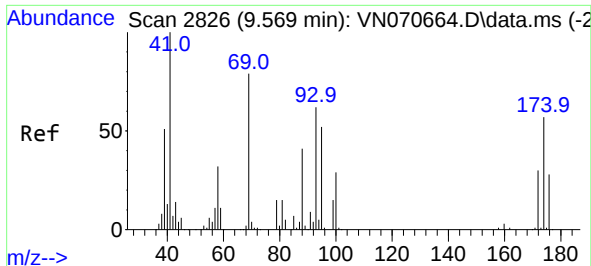
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#48
Methyl methacrylate
Concen: 49.509 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

Tgt Ion: 41 Resp: 488918
Ion Ratio Lower Upper
41 100
69 74.6 72.4 108.6
39 55.6 58.4 87.6#





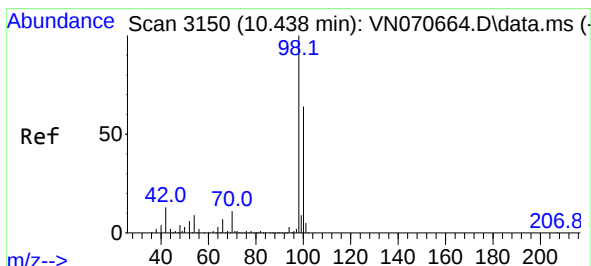
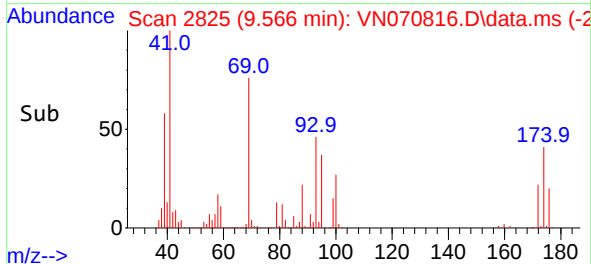
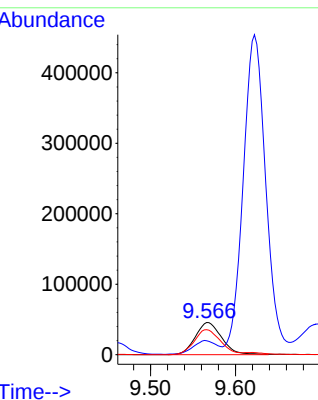
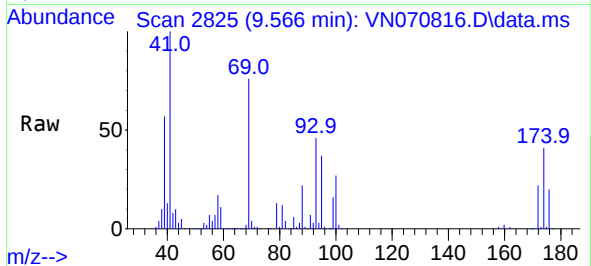
#49
1,4-Dioxane
Concen: 666.222 ug/l
RT: 9.566 min Scan# 2826
Delta R.T. -0.003 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 98825
Ion Ratio Lower Upper
88 100
43 38.7 23.4 35.2
58 77.5 50.6 75.8

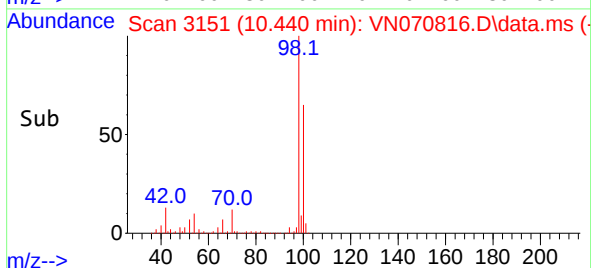
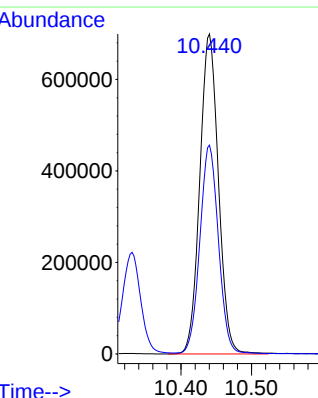
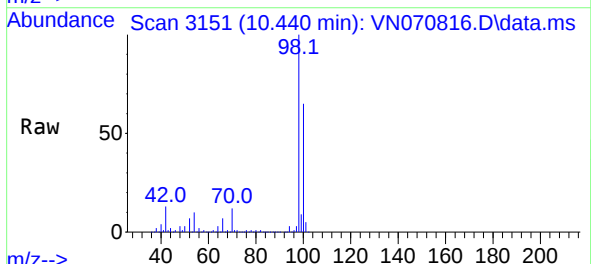
Manual Integrations
APPROVED

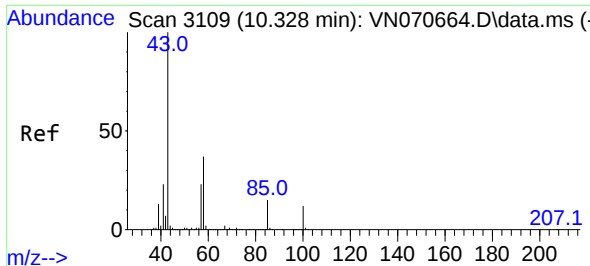
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#50
Toluene-d8
Concen: 50.214 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

Tgt Ion: 98 Resp: 1284498
Ion Ratio Lower Upper
98 100
100 64.9 50.4 75.6





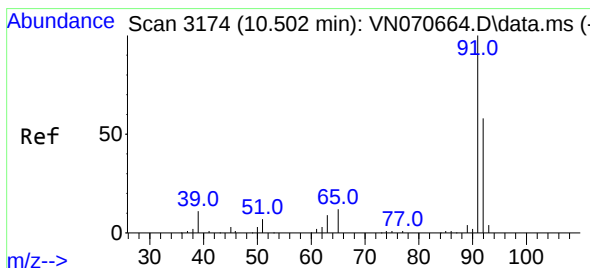
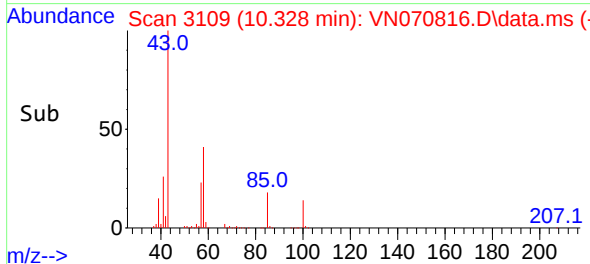
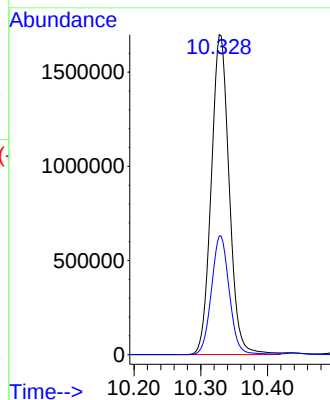
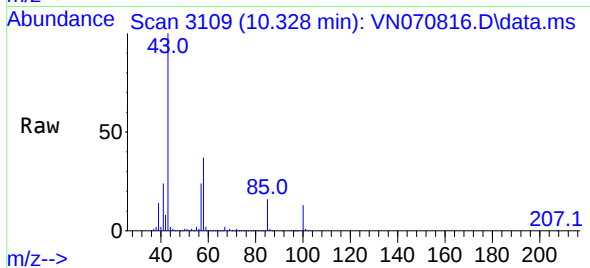
#51
4-Methyl-2-Pentanone
Concen: 239.736 ug/l
RT: 10.328 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 3171009
Ion Ratio Lower Upper
43 100
58 36.9 30.4 45.6

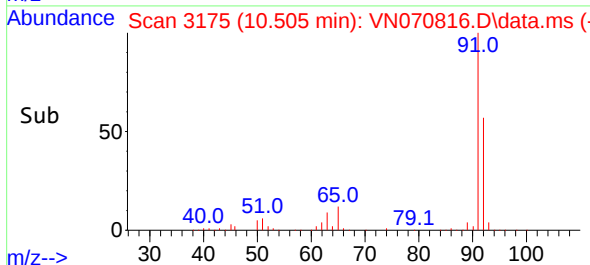
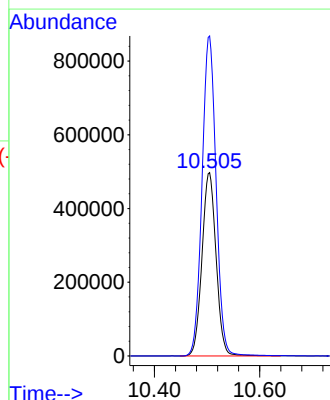
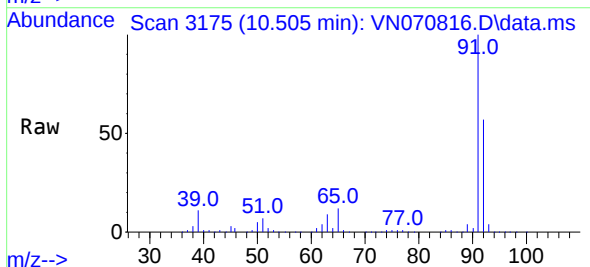
Manual Integrations
APPROVED

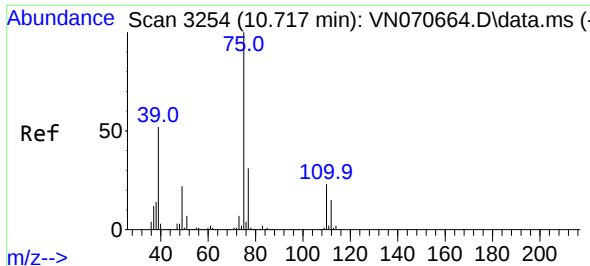
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#52
Toluene
Concen: 48.709 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. 0.003 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

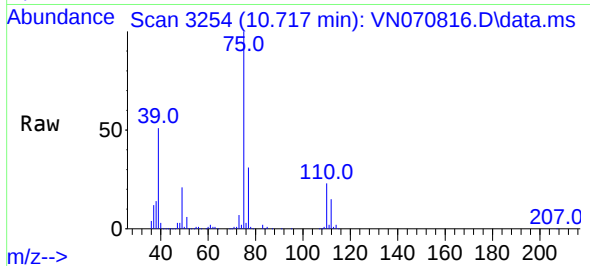
Tgt Ion: 92 Resp: 922891
Ion Ratio Lower Upper
92 100
91 174.2 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 47.032 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

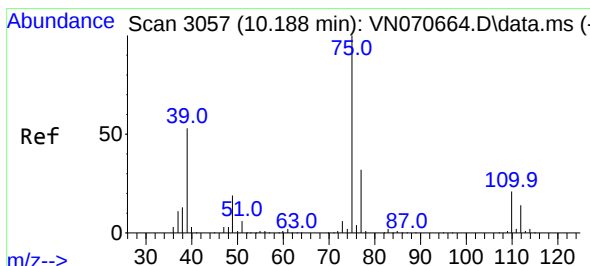
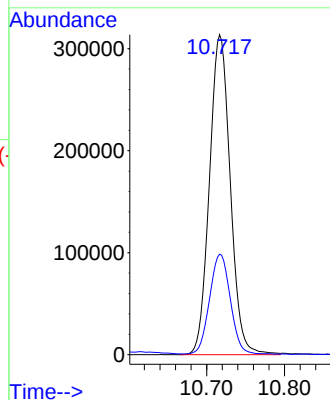
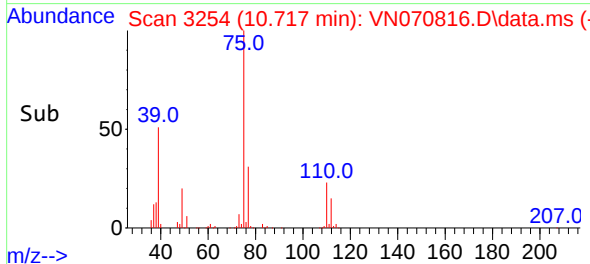
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



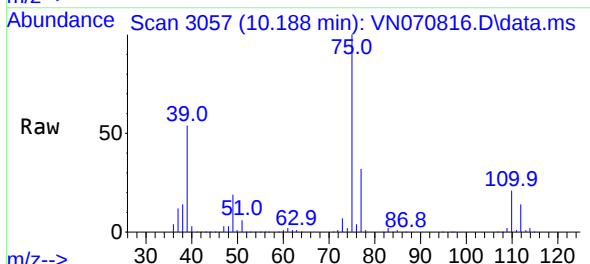
Tgt Ion: 75 Resp: 582345
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4

Manual Integrations
APPROVED

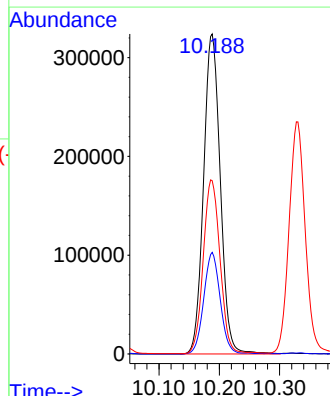
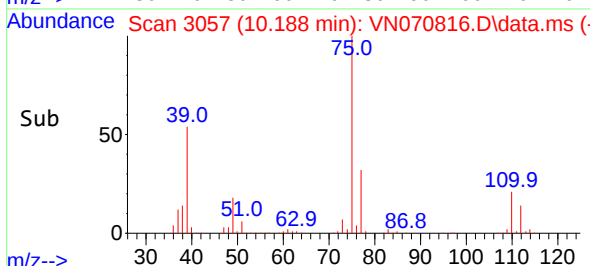
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

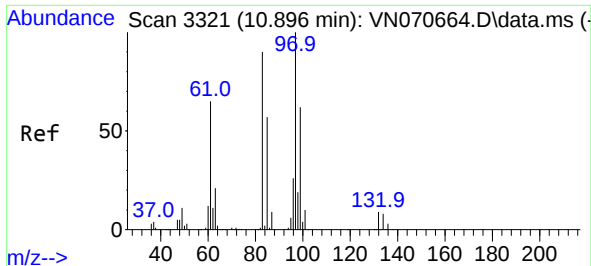


#54
cis-1,3-Dichloropropene
Concen: 50.826 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28



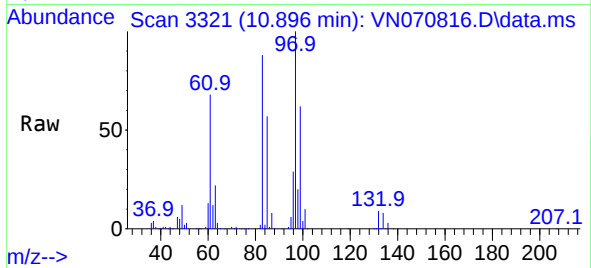
Tgt Ion: 75 Resp: 624363
Ion Ratio Lower Upper
75 100
77 31.7 26.4 39.6
39 54.0 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 48.807 ug/l
RT: 10.896 min Scan# 3321
Delta R.T. 0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

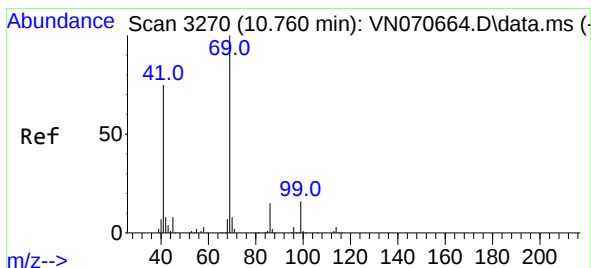
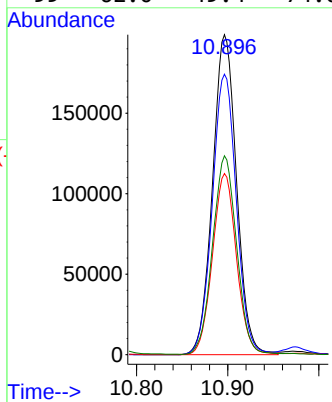
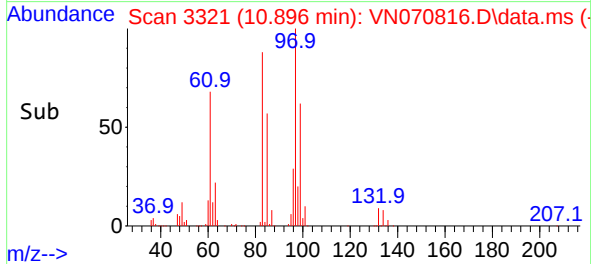
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



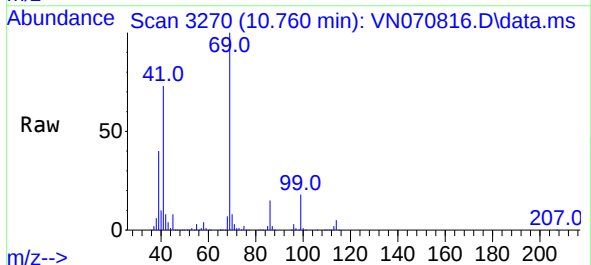
Tgt Ion: 97 Resp: 363279
Ion Ratio Lower Upper
97 100
83 87.7 67.8 101.6
85 56.6 45.4 68.2
99 62.0 49.4 74.0

Manual Integrations
APPROVED

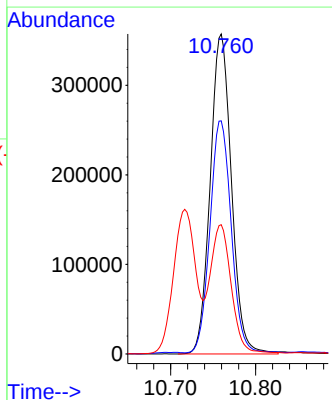
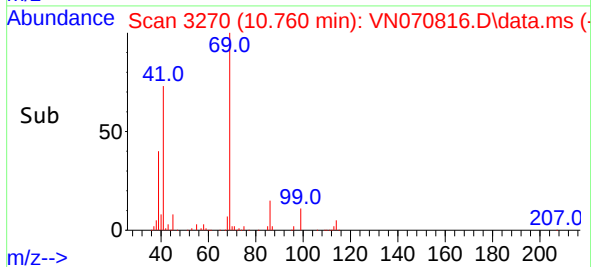
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

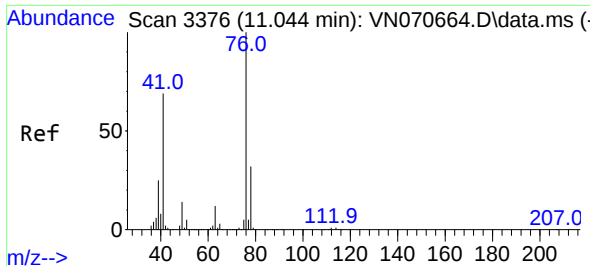


#56
Ethyl methacrylate
Concen: 44.109 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28



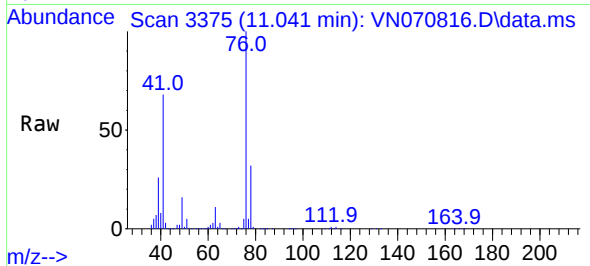
Tgt Ion: 69 Resp: 620391
Ion Ratio Lower Upper
69 100
41 72.6 51.4 77.0
39 39.9 34.6 52.0





#57
1,3-Dichloropropane
Concen: 49.080 ug/l
RT: 11.041 min Scan# 311
Delta R.T. -0.003 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

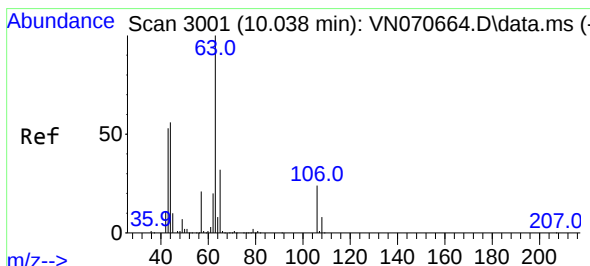
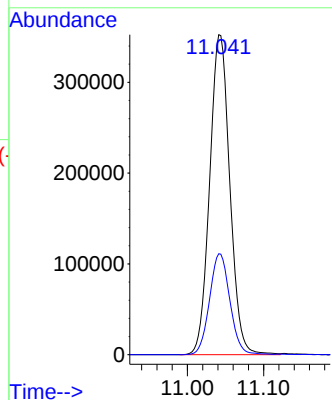
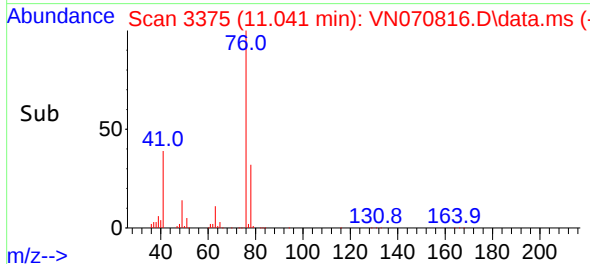
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



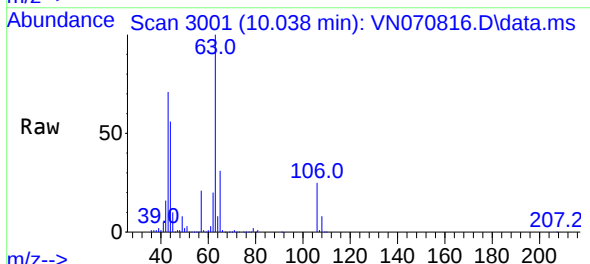
Tgt Ion: 76 Resp: 646708
Ion Ratio Lower Upper
76 100
78 31.9 25.7 38.5

Manual Integrations
APPROVED

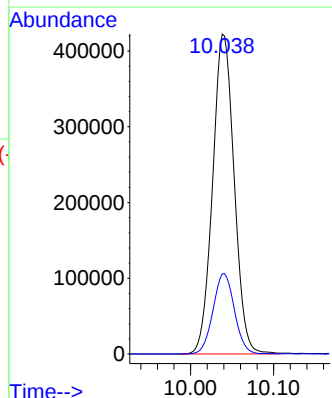
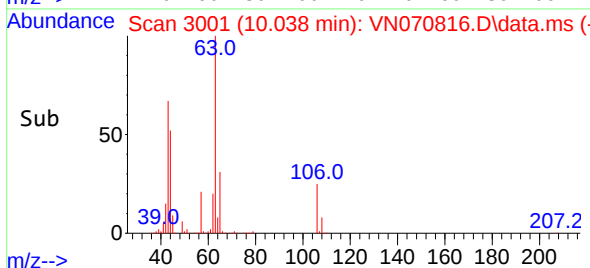
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

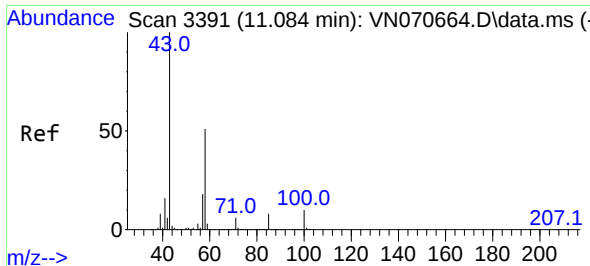


#58
2-Chloroethyl Vinyl ether
Concen: 215.326 ug/l
RT: 10.038 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28



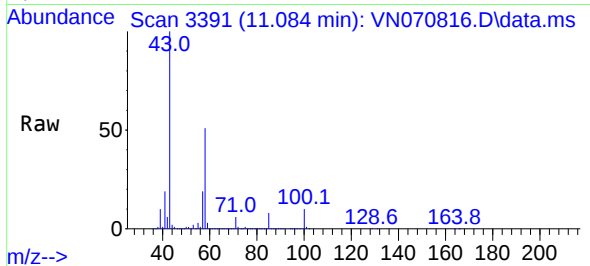
Tgt Ion: 63 Resp: 761702
Ion Ratio Lower Upper
63 100
106 25.0 23.9 35.9





#59
2-Hexanone
Concen: 233.736 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

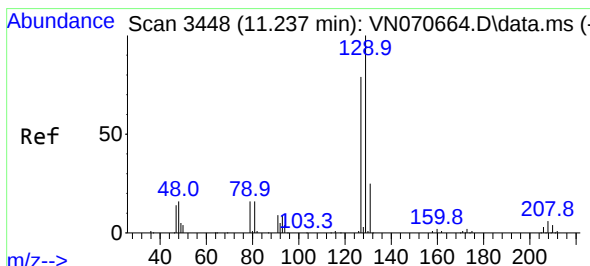
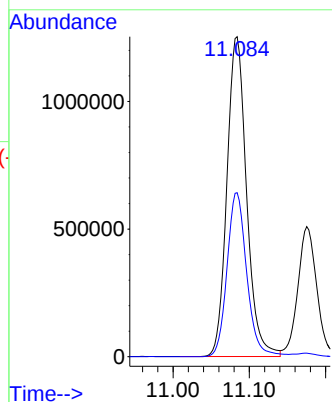
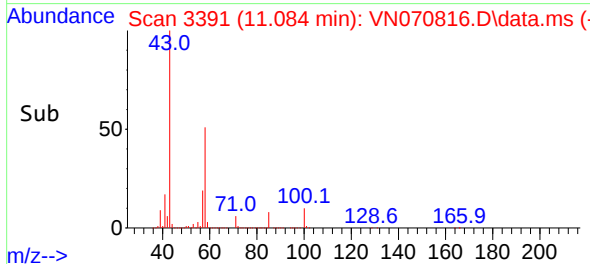
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



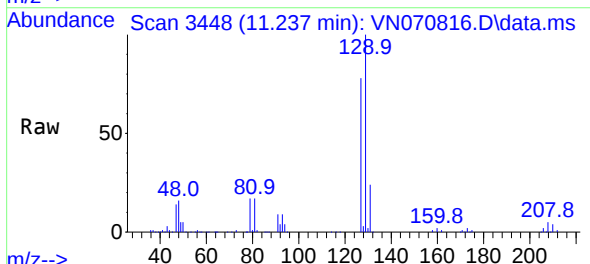
Tgt Ion: 43 Resp: 2245950
Ion Ratio Lower Upper
43 100
58 51.4 26.9 80.7

Manual Integrations
APPROVED

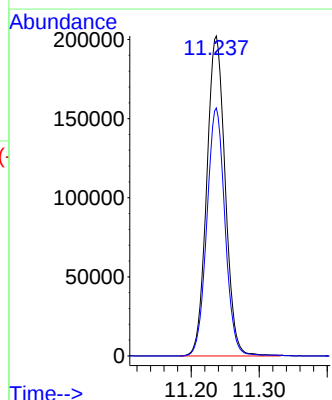
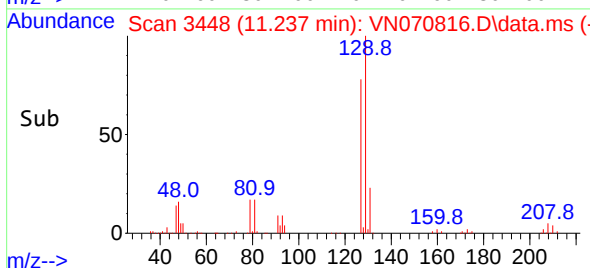
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

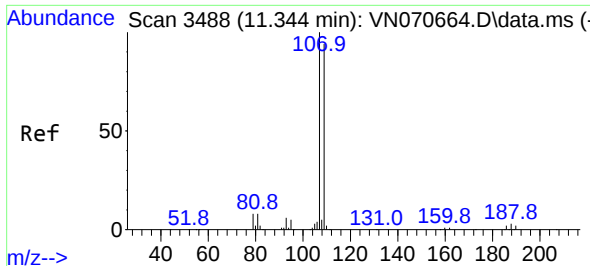


#60
Dibromochloromethane
Concen: 54.907 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28



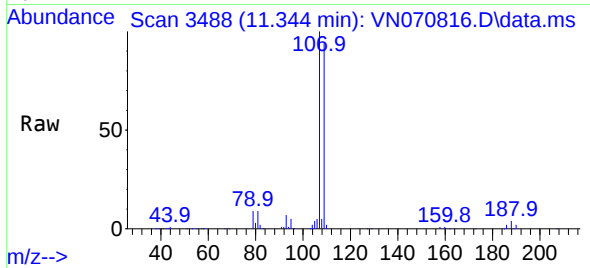
Tgt Ion:129 Resp: 381206
Ion Ratio Lower Upper
129 100
127 76.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.364 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. 0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

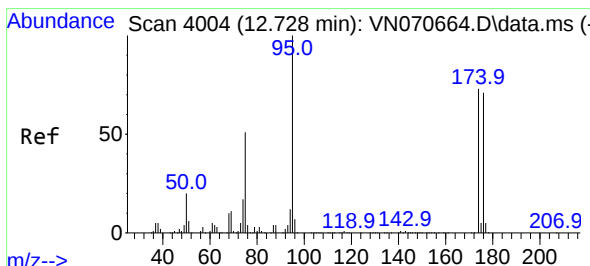
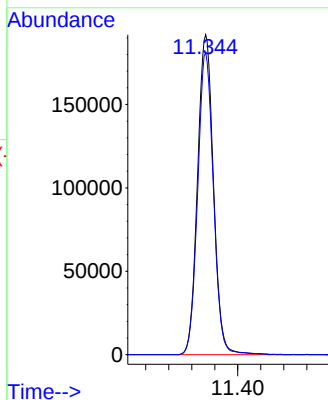
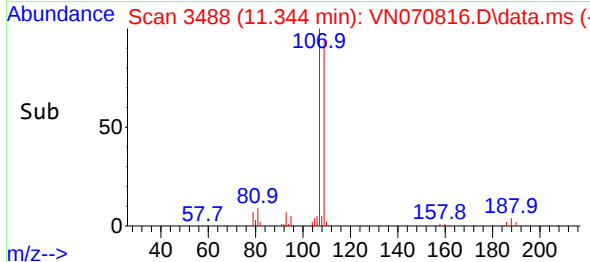
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



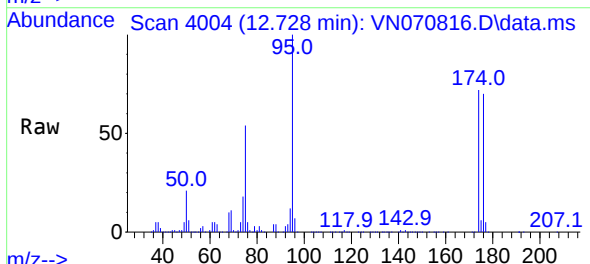
Tgt Ion:107 Resp: 36890
Ion Ratio Lower Upper
107 100
109 93.4 75.7 113.5

Manual Integrations
APPROVED

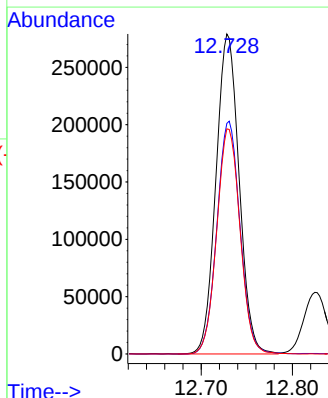
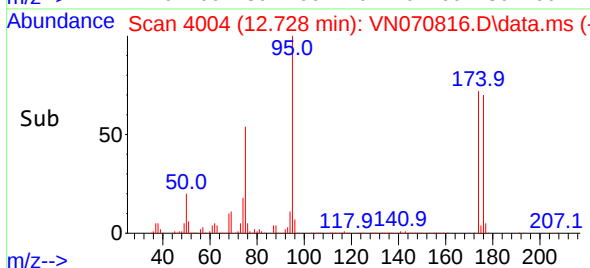
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

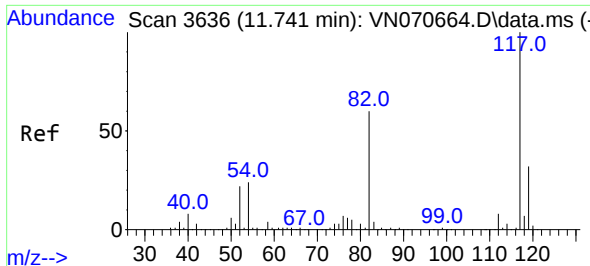


#62
4-Bromofluorobenzene
Concen: 54.040 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28



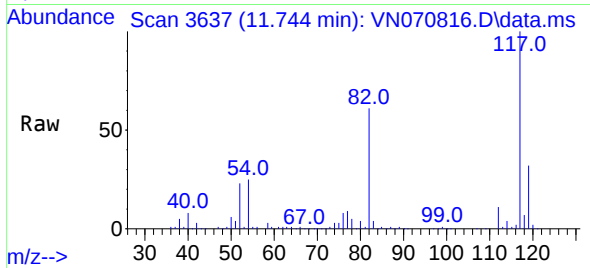
Tgt Ion: 95 Resp: 492598
Ion Ratio Lower Upper
95 100
174 72.9 0.0 187.2
176 70.8 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3636
Delta R.T. 0.003 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

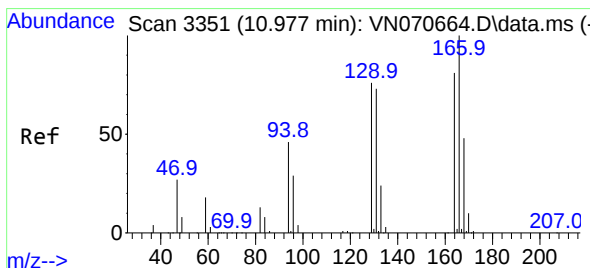
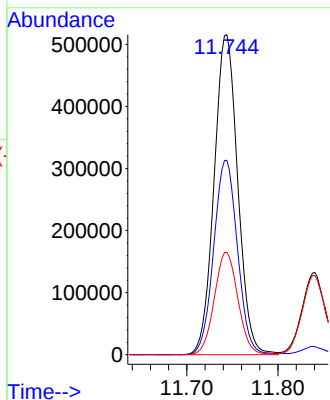
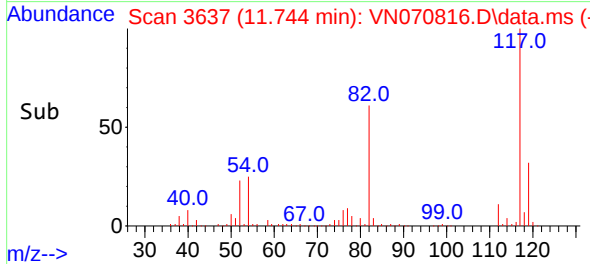
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



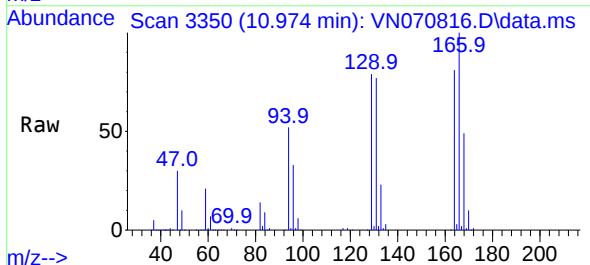
Tgt Ion:117 Resp: 930285
Ion Ratio Lower Upper
117 100
82 60.7 42.4 63.6
119 32.0 25.4 38.2

Manual Integrations
APPROVED

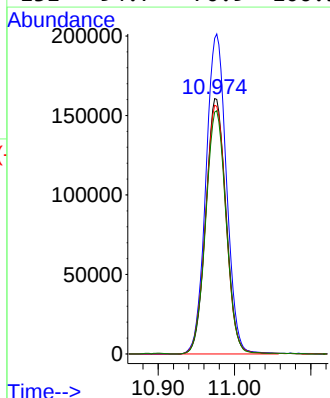
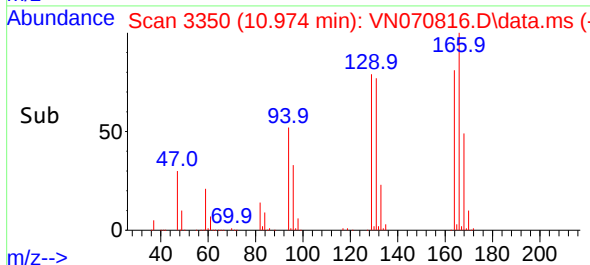
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

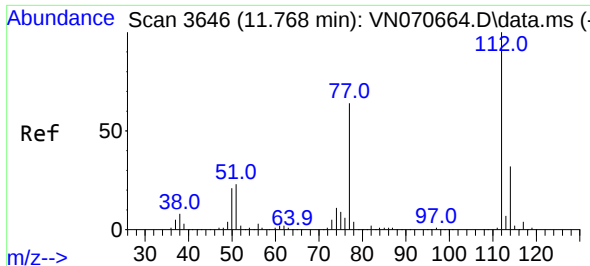


#64
Tetrachloroethene
Concen: 43.508 ug/l
RT: 10.974 min Scan# 3350
Delta R.T. -0.003 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28



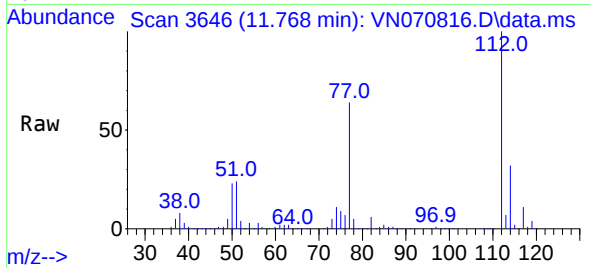
Tgt Ion:164 Resp: 296765
Ion Ratio Lower Upper
164 100
166 123.6 101.9 152.9
129 97.3 72.0 108.0
131 94.7 70.9 106.3





#65
Chlorobenzene
Concen: 47.523 ug/l
RT: 11.768 min Scan# 30
Delta R.T. -0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

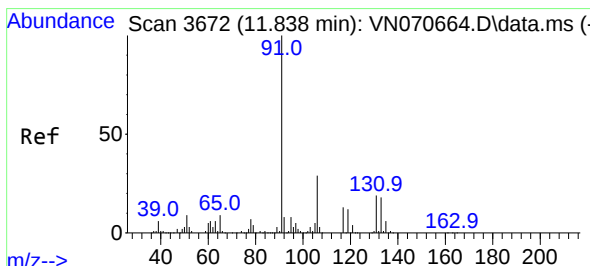
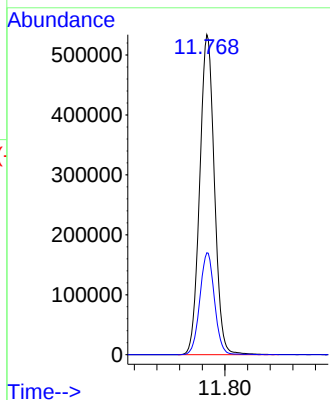
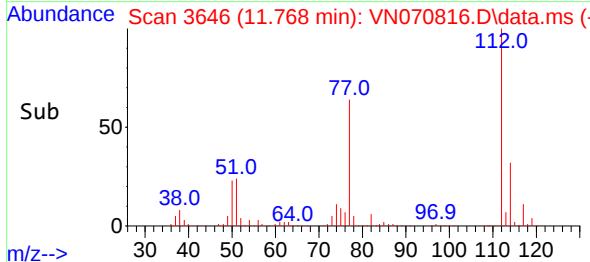
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



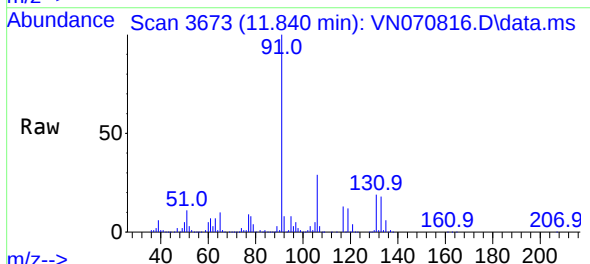
Tgt Ion:112 Resp: 95786
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0

Manual Integrations
APPROVED

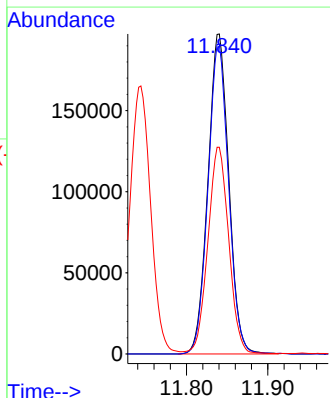
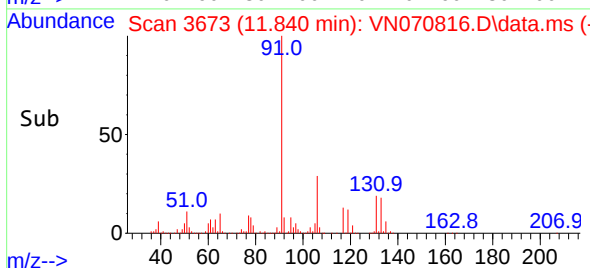
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

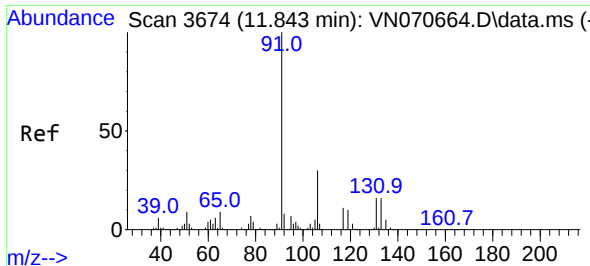


#66
1,1,1,2-Tetrachloroethane
Concen: 50.601 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. 0.002 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28



Tgt Ion:131 Resp: 351210
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.7
119 64.6 32.1 96.5





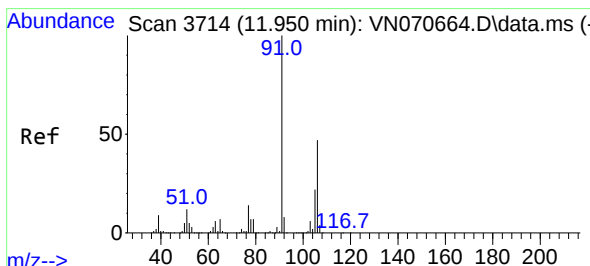
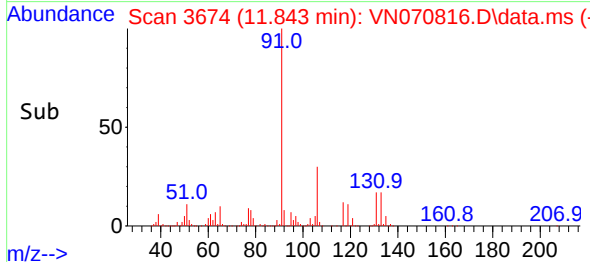
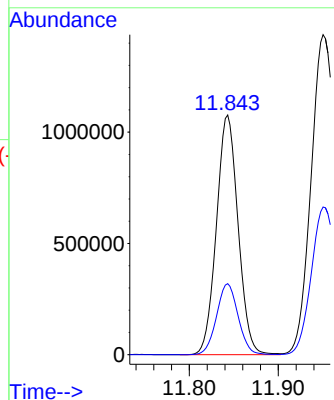
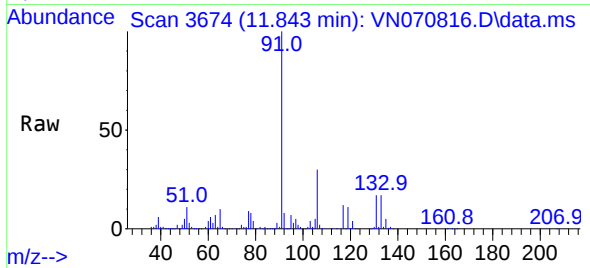
#67
Ethyl Benzene
Concen: 48.741 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1821390
Ion Ratio Lower Upper
91 100
106 29.6 25.7 38.5

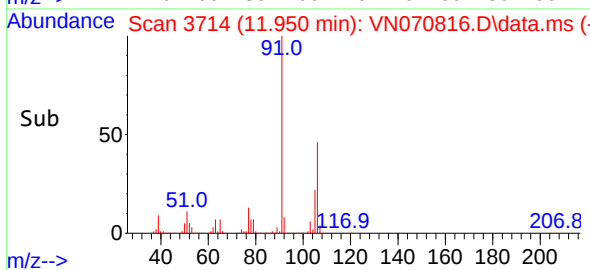
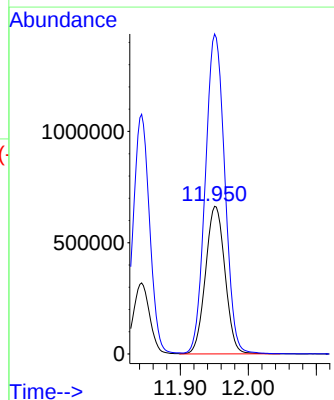
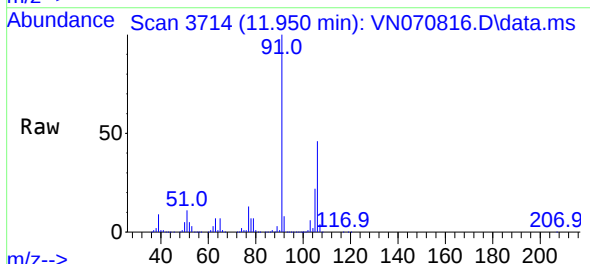
Manual Integrations
APPROVED

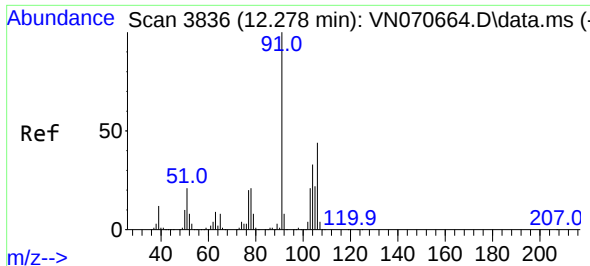
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#68
m/p-Xylenes
Concen: 97.104 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. 0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

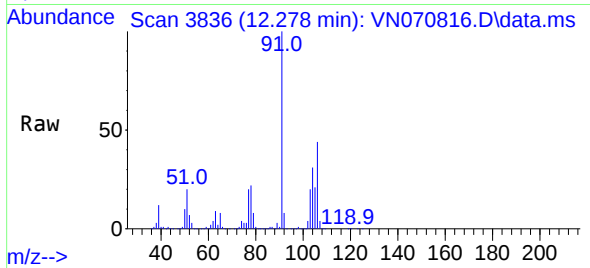
Tgt Ion:106 Resp: 1320073
Ion Ratio Lower Upper
106 100
91 216.9 160.6 240.8





#69
o-Xylene
Concen: 48.578 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.001 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

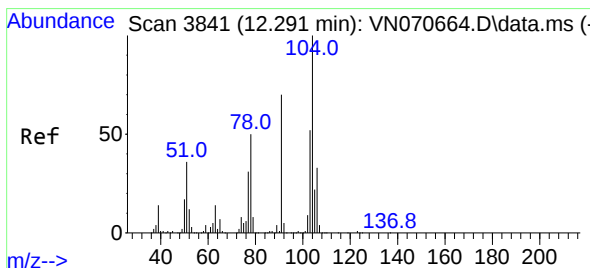
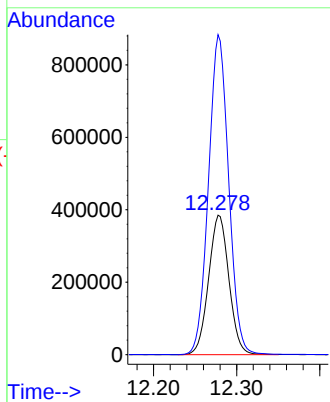
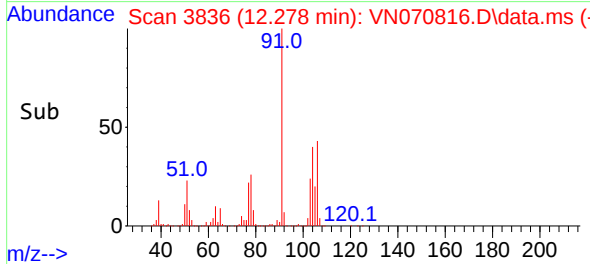
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 65535
Ion Ratio Lower Upper
106 100
91 227.6 105.8 317.3

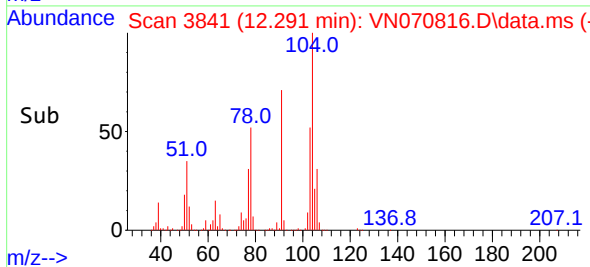
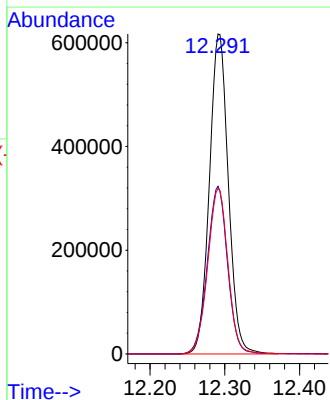
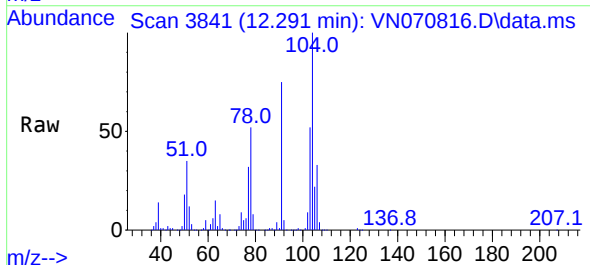
Manual Integrations
APPROVED

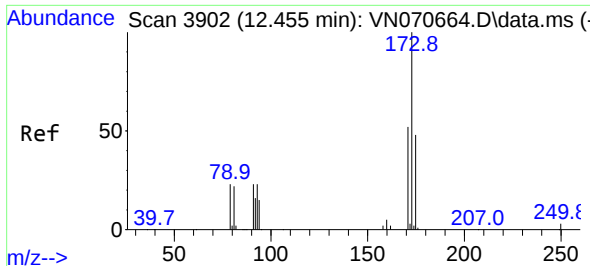
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#70
Styrene
Concen: 50.316 ug/l
RT: 12.291 min Scan# 3841
Delta R.T. -0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

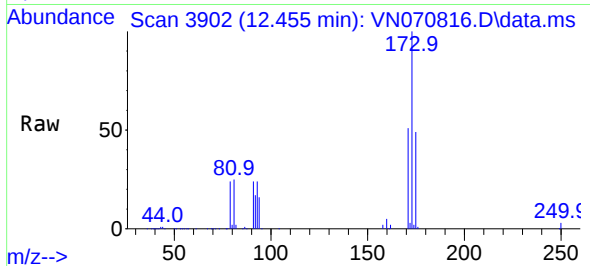
Tgt Ion:104 Resp: 1085952
Ion Ratio Lower Upper
104 100
78 55.9 38.7 58.1
103 55.3 45.0 67.6





#71
Bromoform
Concen: 52.996 ug/l
RT: 12.455 min Scan# 3902
Delta R.T. -0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

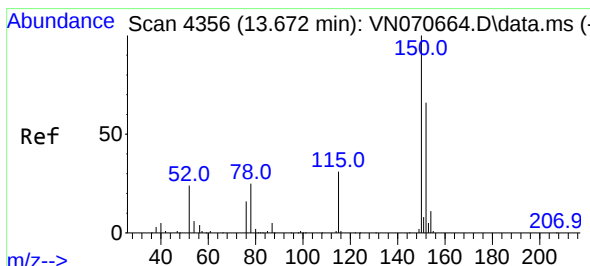
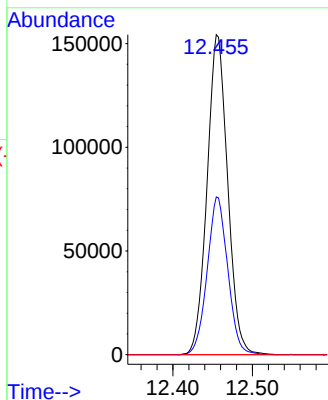
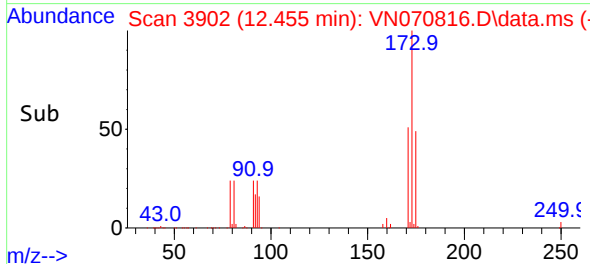
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



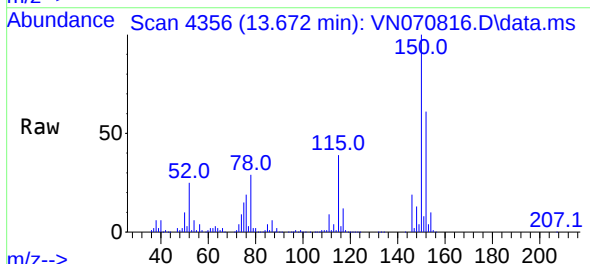
Tgt Ion:173 Resp: 277850
Ion Ratio Lower Upper
173 100
175 49.3 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

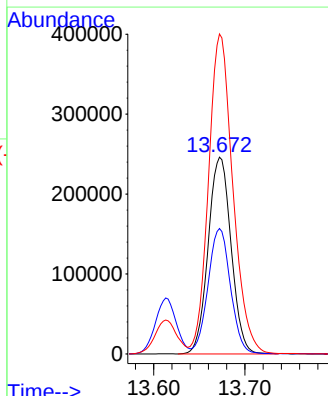
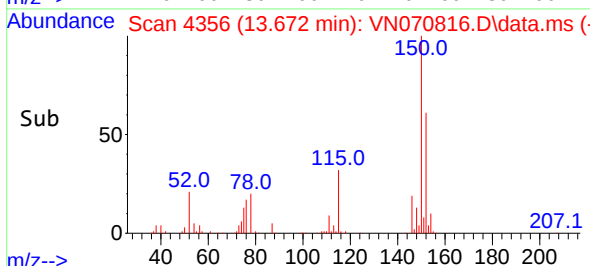
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

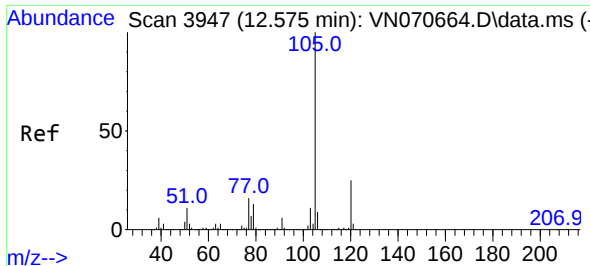


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28



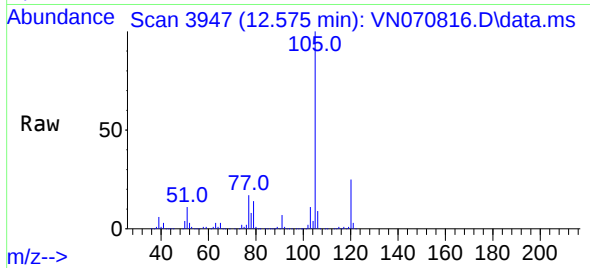
Tgt Ion:152 Resp: 430785
Ion Ratio Lower Upper
152 100
115 62.1 27.5 82.5
150 172.0 0.0 344.4





#73
Isopropylbenzene
Concen: 42.769 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

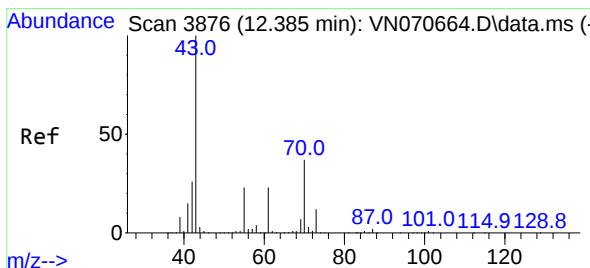
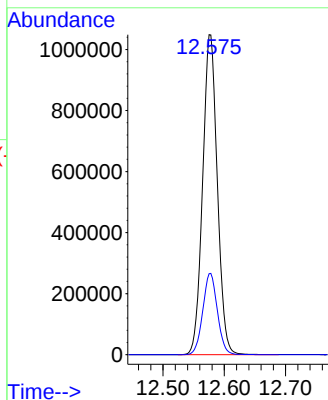
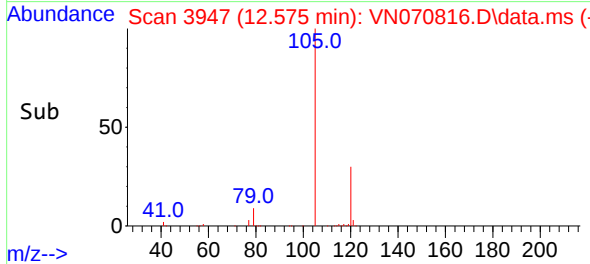
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



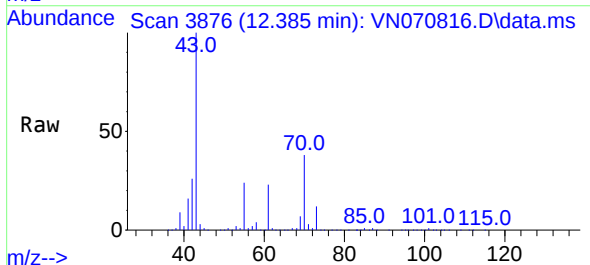
Tgt Ion:105 Resp: 174302
Ion Ratio Lower Upper
105 100
120 25.3 13.4 40.1

Manual Integrations
APPROVED

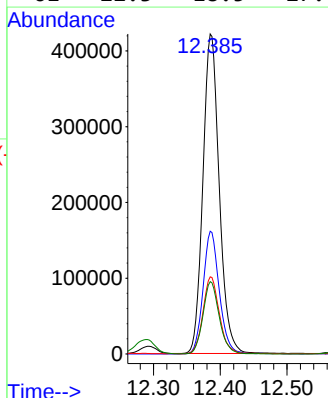
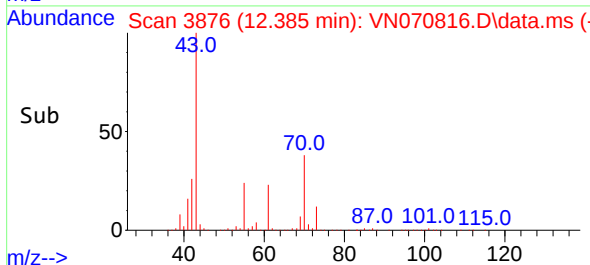
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

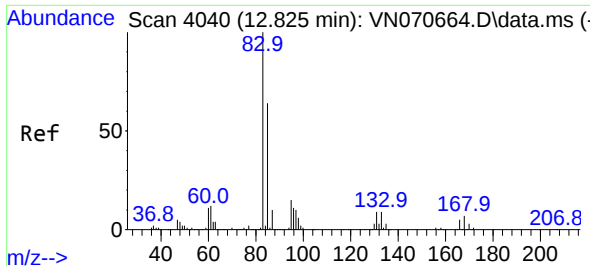


#74
N-ethyl acetate
Concen: 43.049 ug/l
RT: 12.385 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28



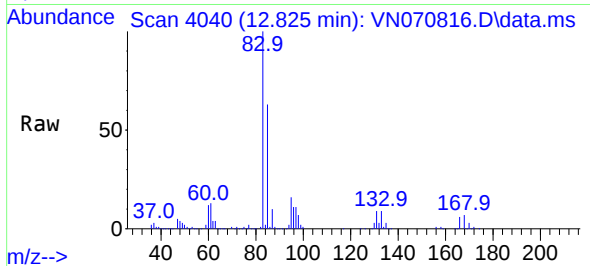
Tgt Ion: 43 Resp: 717329
Ion Ratio Lower Upper
43 100
70 38.0 33.4 50.0
55 24.2 19.3 28.9
61 22.3 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 42.107 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

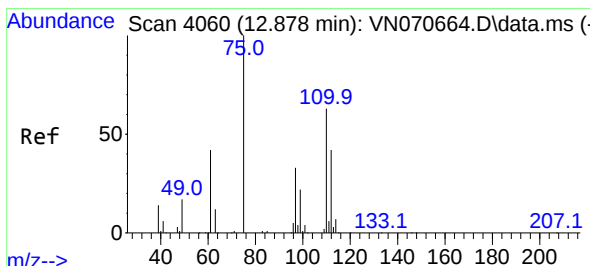
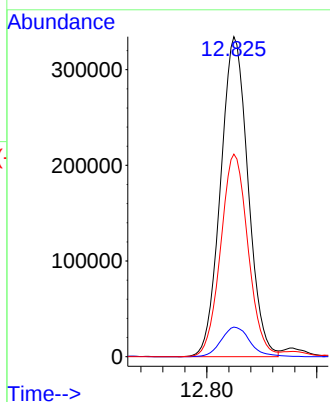
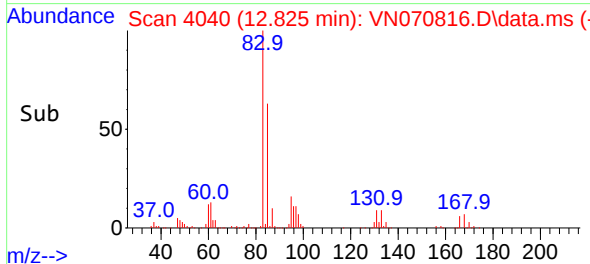
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



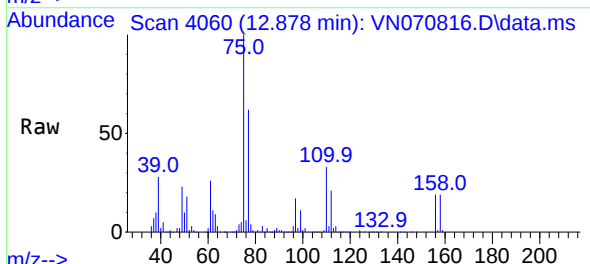
Tgt Ion: 83 Resp: 579539
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 63.3 32.4 97.2

Manual Integrations
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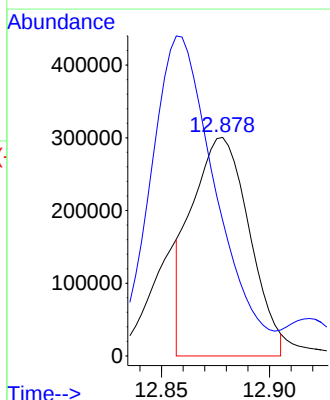
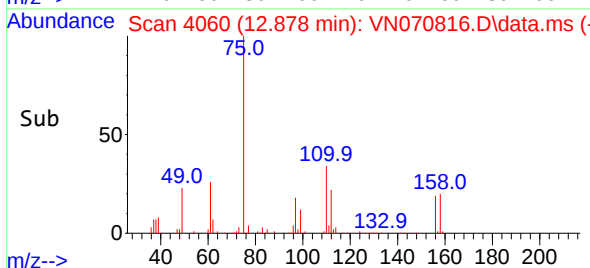
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

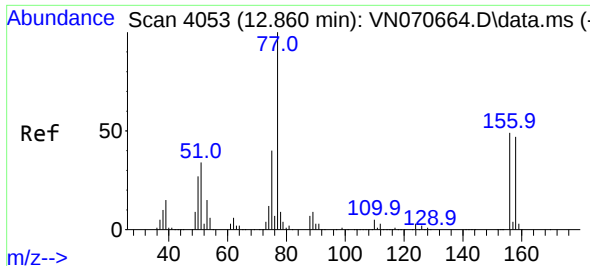


#76
1,2,3-Trichloropropane
Concen: 48.630 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28



Tgt Ion: 75 Resp: 555627
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





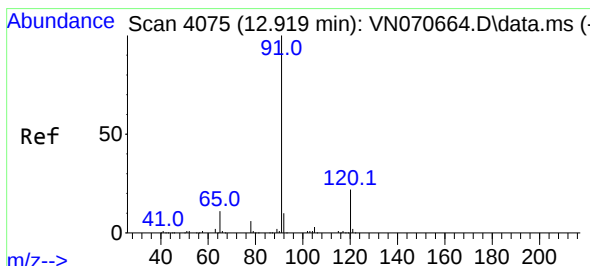
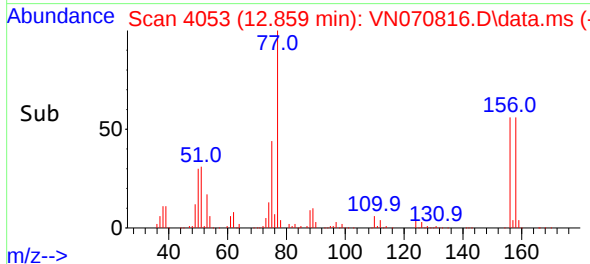
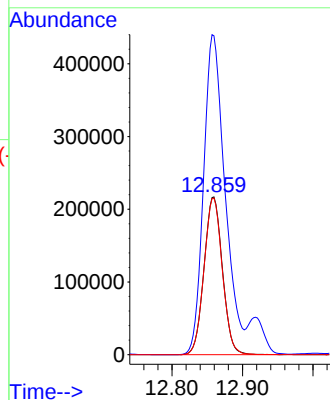
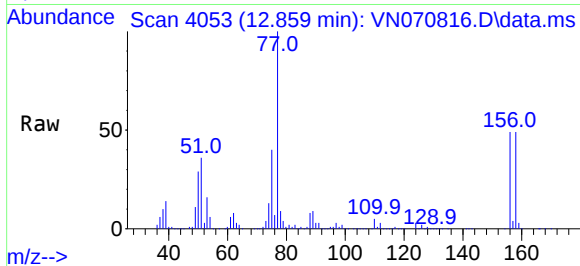
#77
Bromobenzene
Concen: 43.011 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.001 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:156 Resp: 393012
Ion Ratio Lower Upper
156 100
77 235.3 90.6 271.8
158 99.0 48.9 146.7

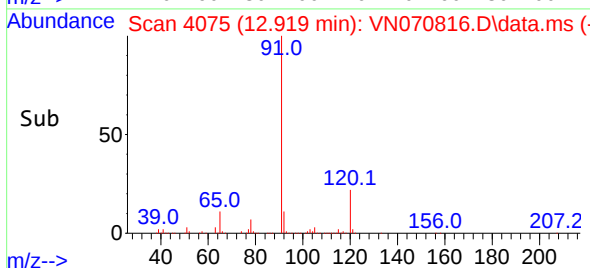
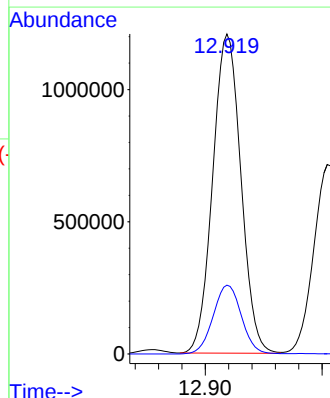
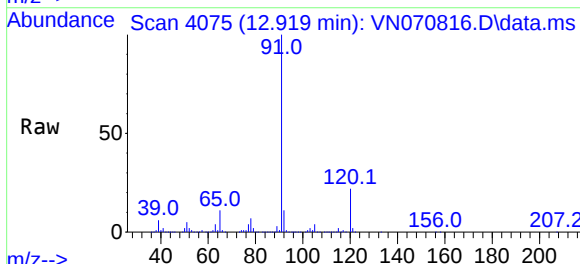
Manual Integrations
APPROVED

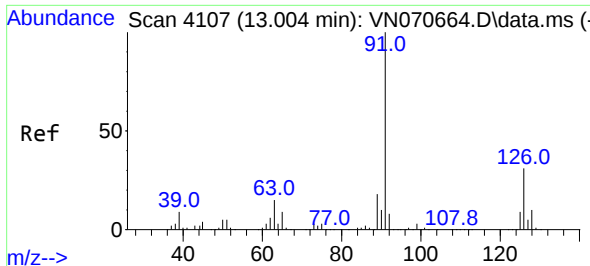
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#78
n-propylbenzene
Concen: 44.339 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.001 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

Tgt Ion: 91 Resp: 2020884
Ion Ratio Lower Upper
91 100
120 21.7 11.9 35.9





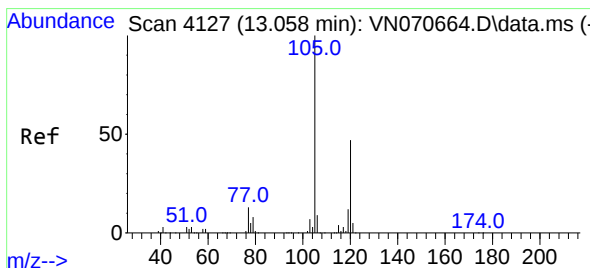
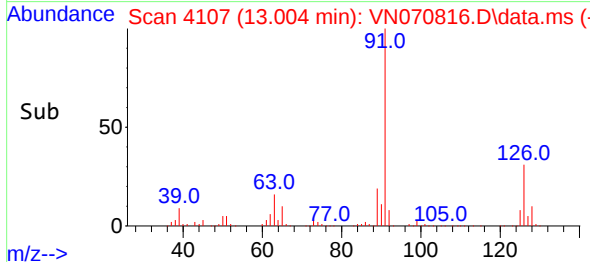
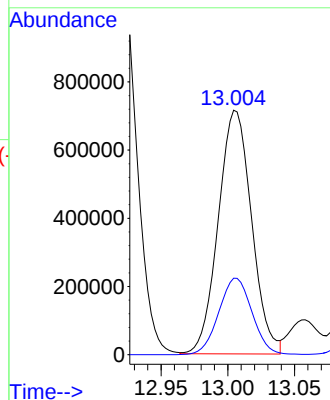
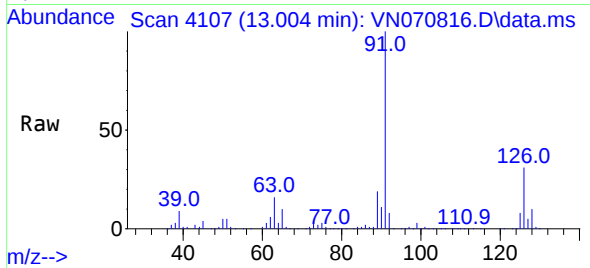
#79
2-Chlorotoluene
Concen: 43.157 ug/l
RT: 13.004 min Scan# 4107
Delta R.T. 0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 1244290
Ion Ratio Lower Upper
91 100
126 31.4 18.3 54.8

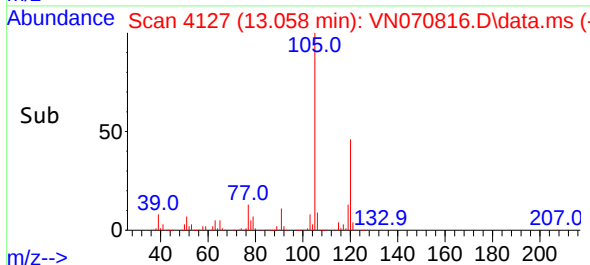
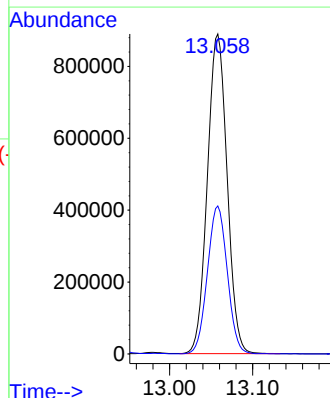
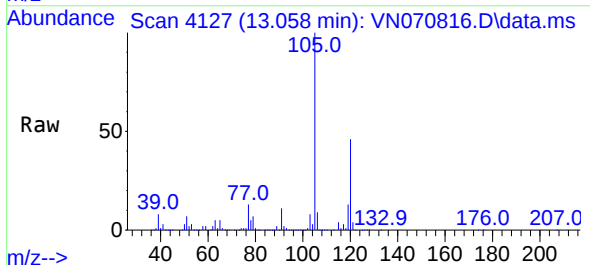
Manual Integrations
APPROVED

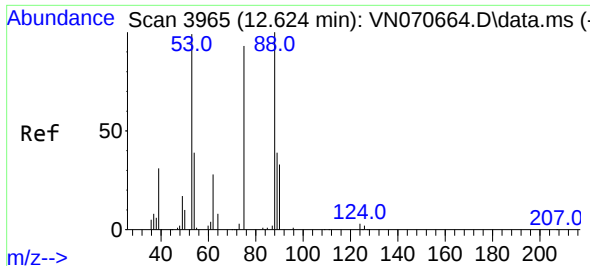
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#80
1,3,5-Trimethylbenzene
Concen: 44.486 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

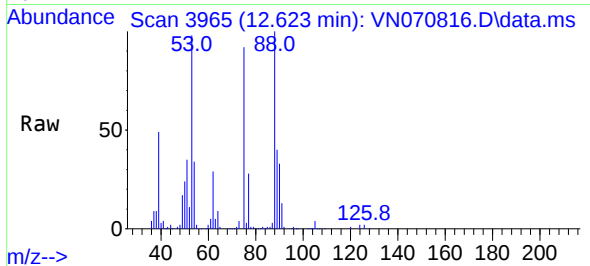
Tgt Ion:105 Resp: 1466135
Ion Ratio Lower Upper
105 100
120 46.7 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 44.800 ug/l
RT: 12.623 min Scan# 3965
Delta R.T. -0.001 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

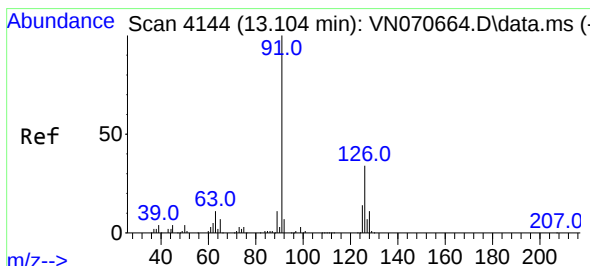
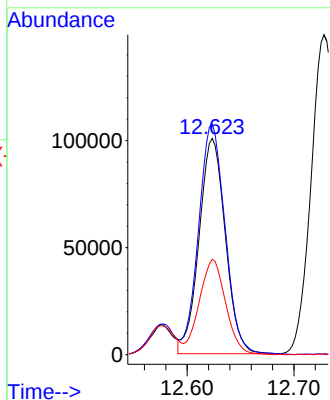
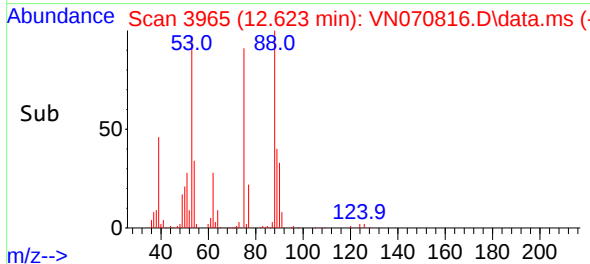
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



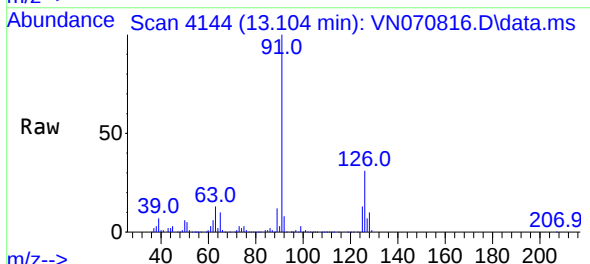
Tgt Ion: 75 Resp: 17181
Ion Ratio Lower Upper
75 100
53 108.3 90.5 135.7
89 44.5 38.2 57.4

Manual Integrations
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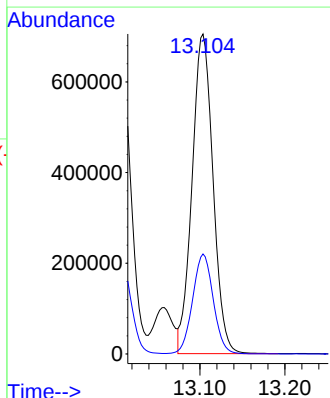
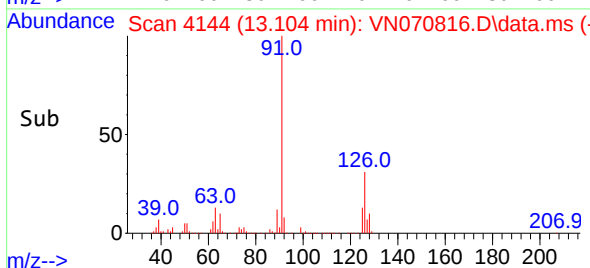
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

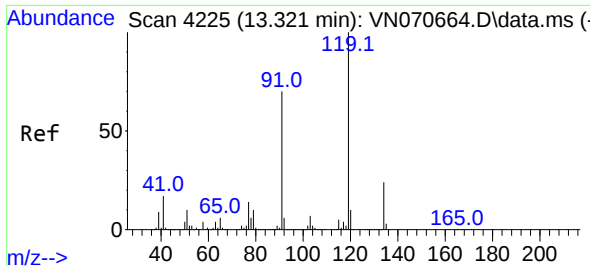


#82
4-Chlorotoluene
Concen: 44.783 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28



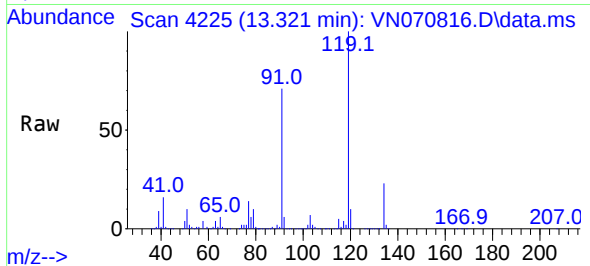
Tgt Ion: 91 Resp: 1206354
Ion Ratio Lower Upper
91 100
126 30.8 18.2 54.6





#83
tert-Butylbenzene
Concen: 44.397 ug/l
RT: 13.321 min Scan# 4225
Delta R.T. -0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

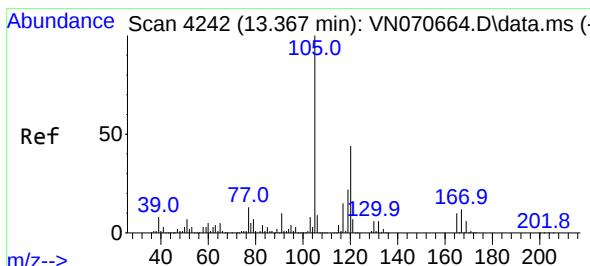
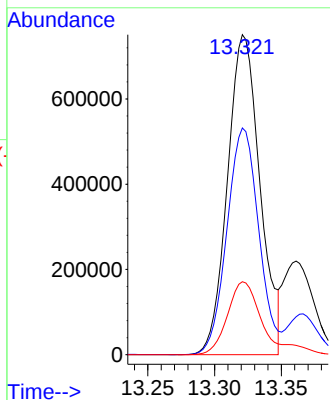
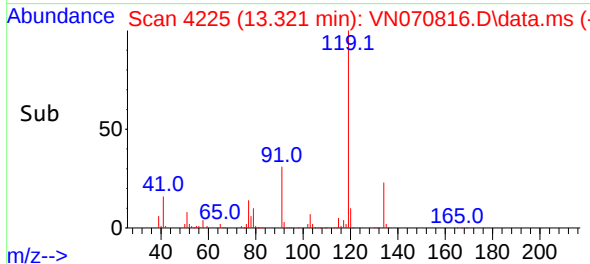
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



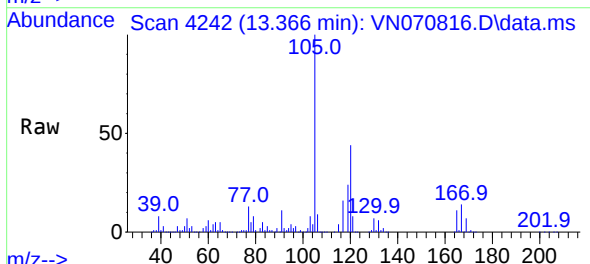
Tgt Ion:119 Resp: 1273694
Ion Ratio Lower Upper
119 100
91 69.8 31.5 94.5
134 25.0 12.4 37.4

Manual Integrations
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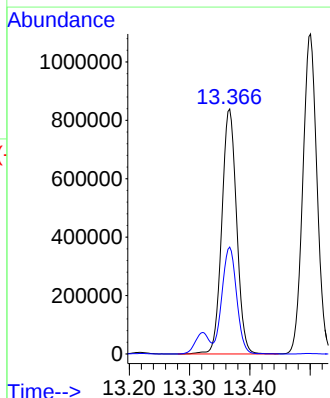
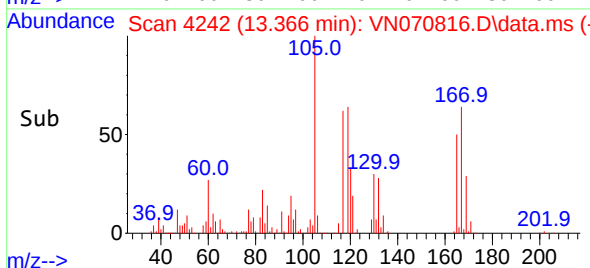
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

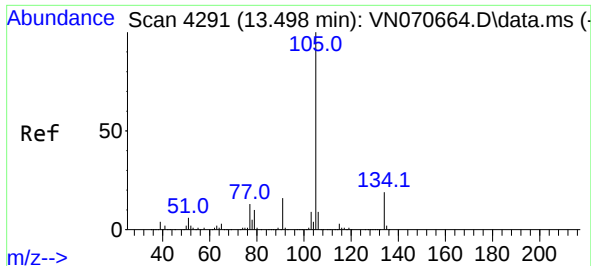


#84
1,2,4-Trimethylbenzene
Concen: 45.066 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.001 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28



Tgt Ion:105 Resp: 1427658
Ion Ratio Lower Upper
105 100
120 43.5 22.8 68.4





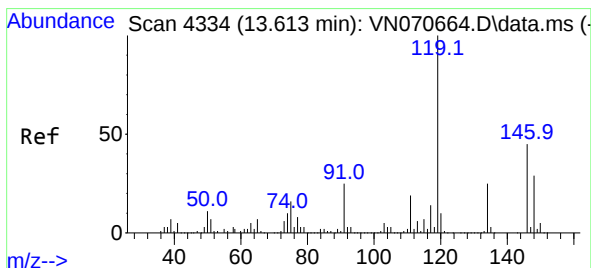
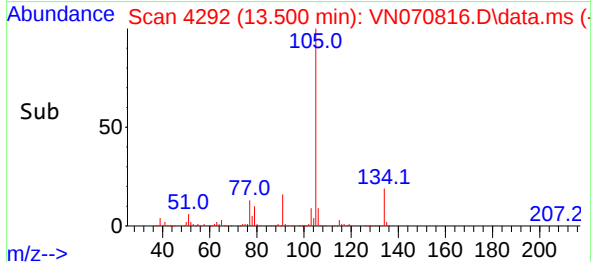
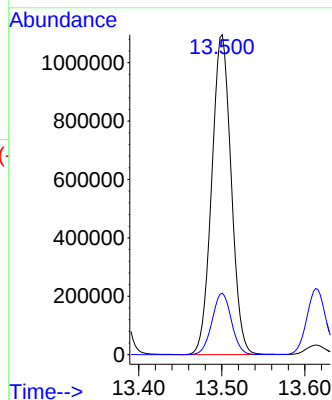
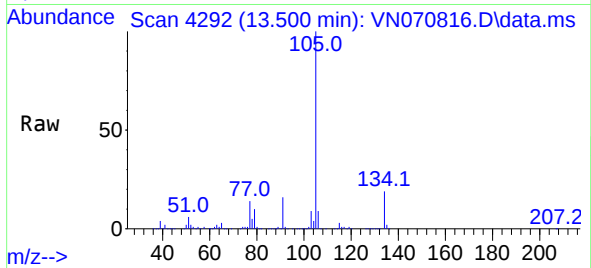
#85
 sec-Butylbenzene
 Concen: 45.615 ug/l
 RT: 13.500 min Scan# 4291
 Delta R.T. 0.002 min
 Lab File: VN070816.D
 Acq: 27 Jan 2022 19:28

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion:105 Resp: 1779069
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.1

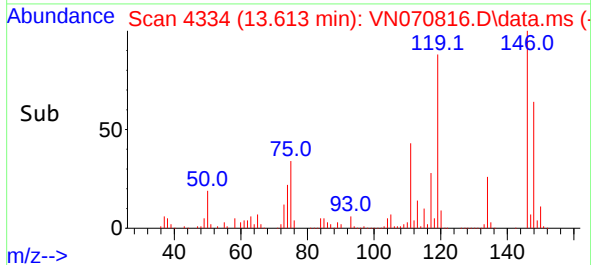
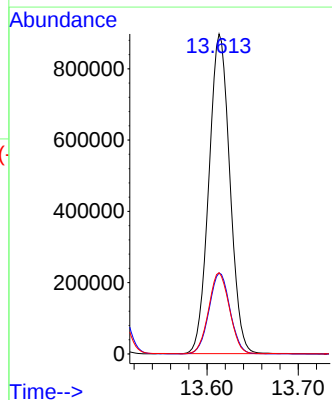
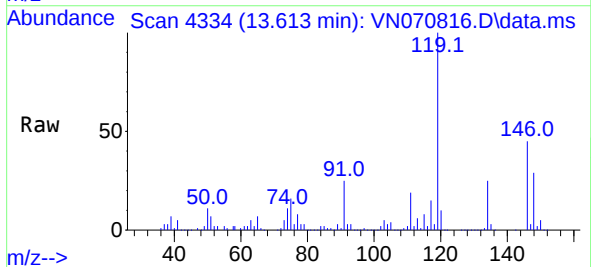
Manual Integrations
 APPROVED

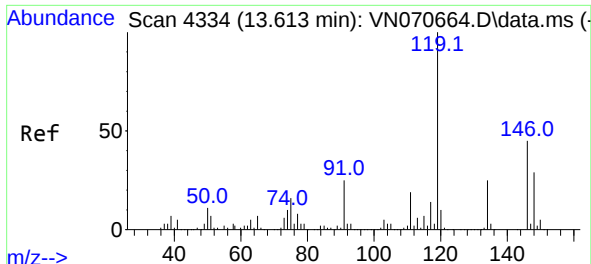
Reviewed By :John Carlone 01/28/2022
 Supervised By :Mahesh Dadoda 01/28/2022



#86
 p-Isopropyltoluene
 Concen: 46.670 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070816.D
 Acq: 27 Jan 2022 19:28

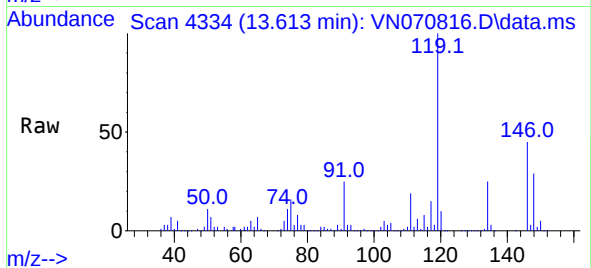
Tgt Ion:119 Resp: 1429899
 Ion Ratio Lower Upper
 119 100
 134 25.3 13.6 40.7
 91 25.3 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 45.778 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

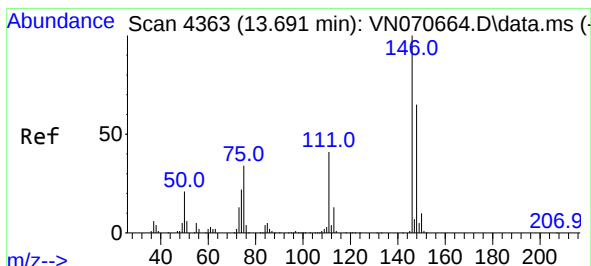
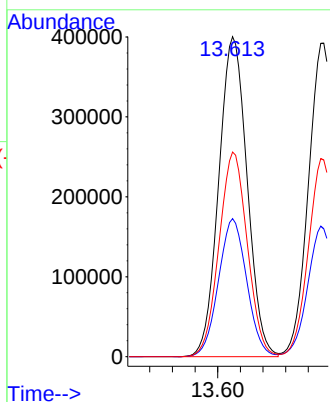
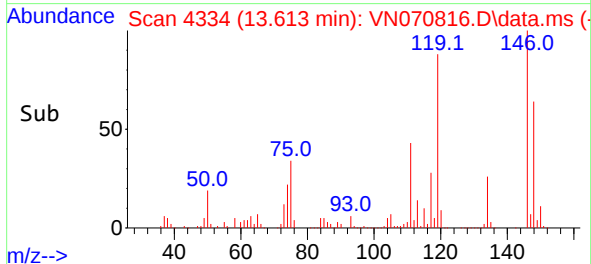
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



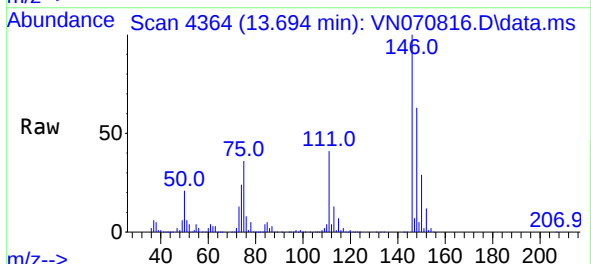
Tgt Ion:146 Resp: 695829
Ion Ratio Lower Upper
146 100
111 43.0 18.6 55.6
148 63.8 31.6 95.0

Manual Integrations
APPROVED

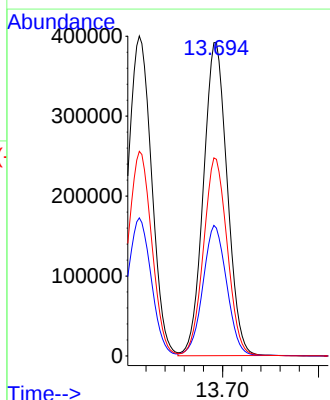
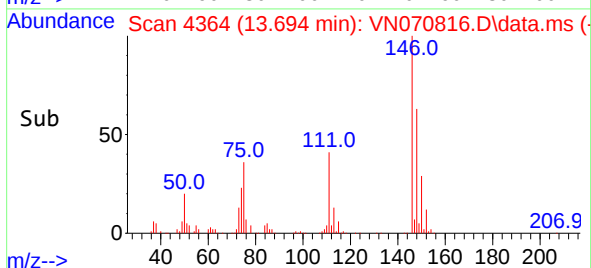
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

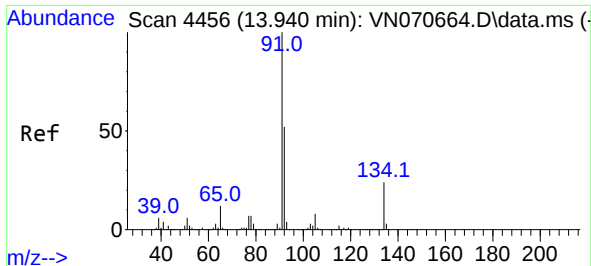


#88
1,4-Dichlorobenzene
Concen: 44.670 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. 0.003 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28



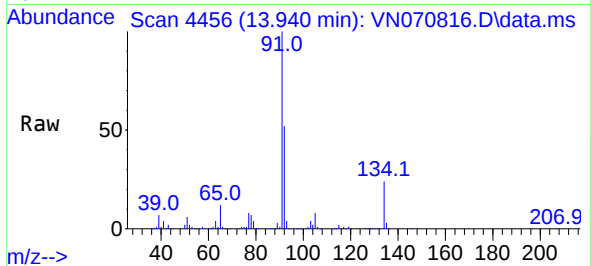
Tgt Ion:146 Resp: 675709
Ion Ratio Lower Upper
146 100
111 41.5 18.3 54.8
148 63.4 31.8 95.4





#89
n-Butylbenzene
Concen: 47.287 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

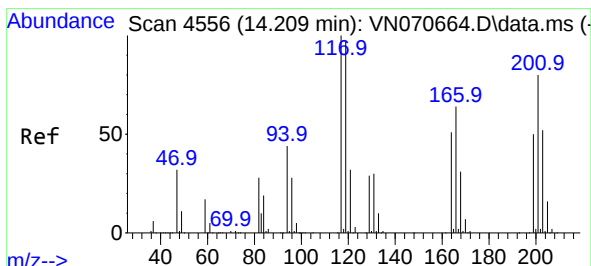
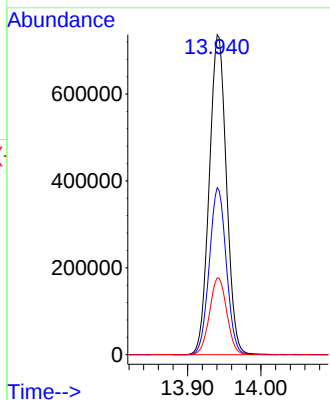
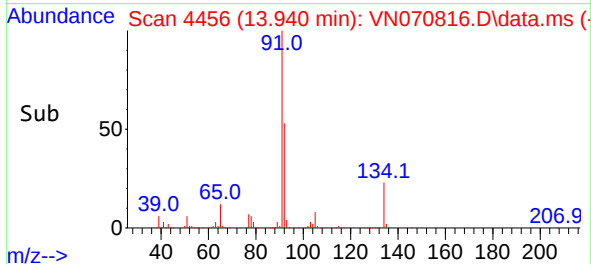
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 1195214
Ion Ratio Lower Upper
91 100
92 51.9 25.4 76.0
134 24.2 13.6 40.8

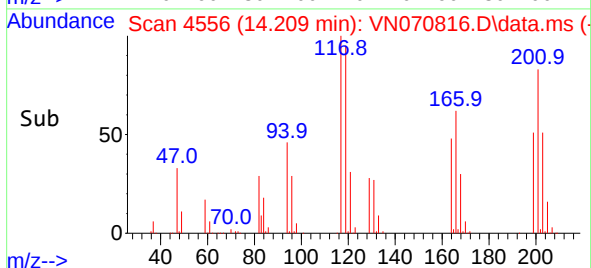
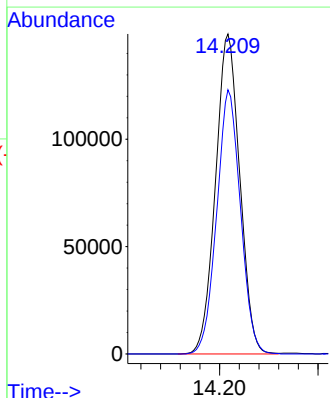
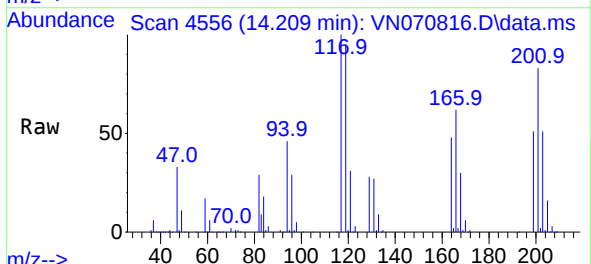
Manual Integrations
APPROVED

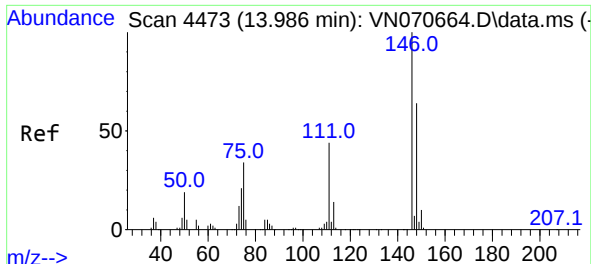
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#90
Hexachloroethane
Concen: 47.771 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

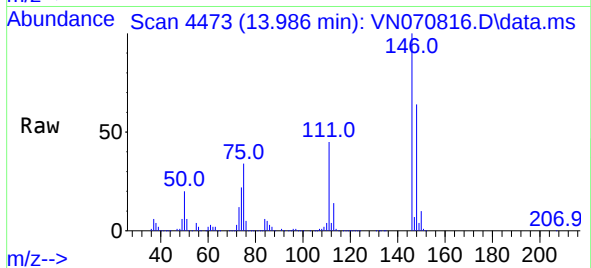
Tgt Ion:117 Resp: 255846
Ion Ratio Lower Upper
117 100
201 80.6 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 44.747 ug/l
RT: 13.986 min Scan# 4473
Delta R.T. -0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

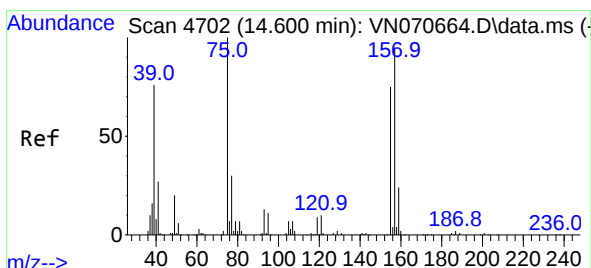
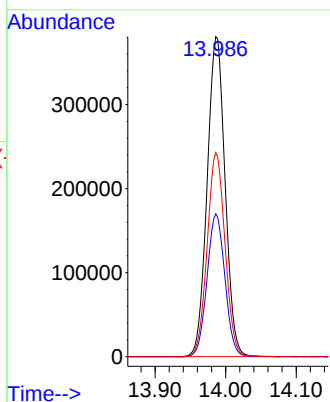
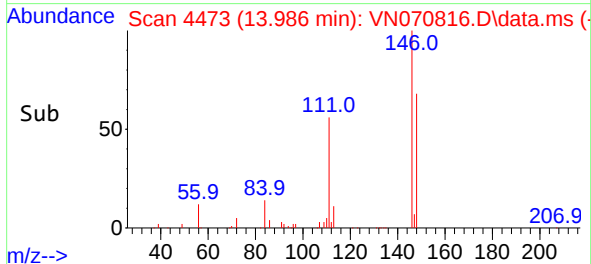
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



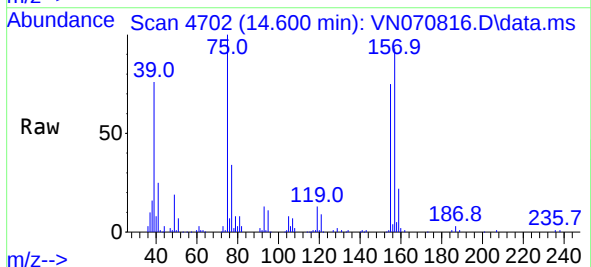
Tgt Ion:146 Resp: 671997
Ion Ratio Lower Upper
146 100
111 44.5 19.1 57.3
148 63.7 32.1 96.3

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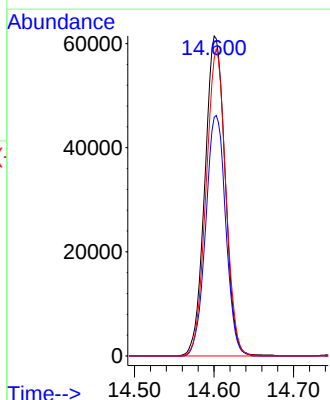
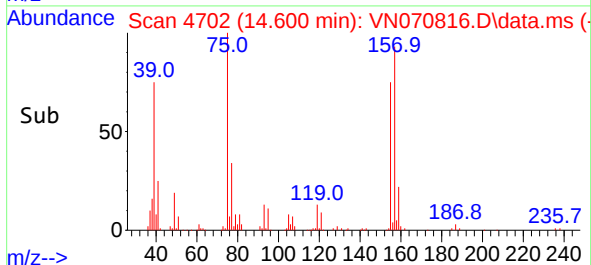
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

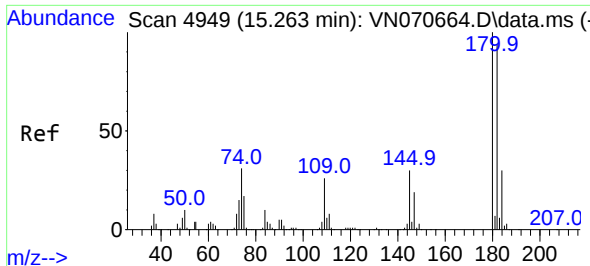


#92
1,2-Dibromo-3-Chloropropane
Concen: 46.722 ug/l
RT: 14.600 min Scan# 4702
Delta R.T. 0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28



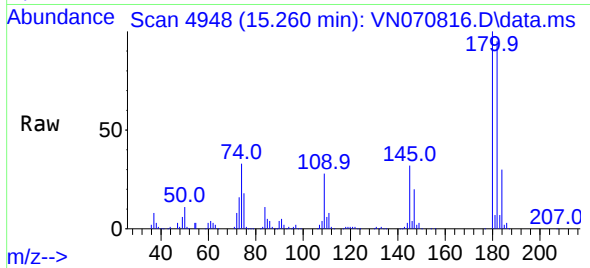
Tgt Ion: 75 Resp: 109084
Ion Ratio Lower Upper
75 100
155 74.3 46.9 140.7
157 93.1 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 42.359 ug/l
RT: 15.260 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

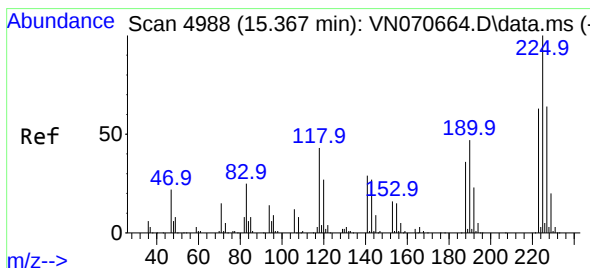
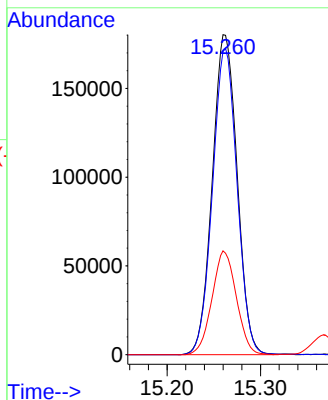
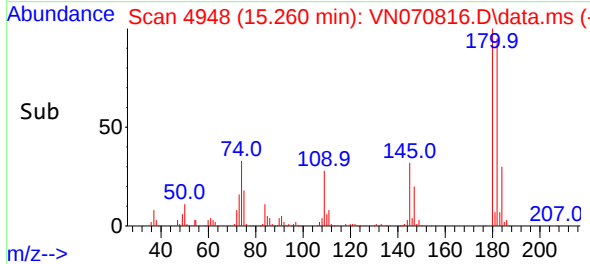
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



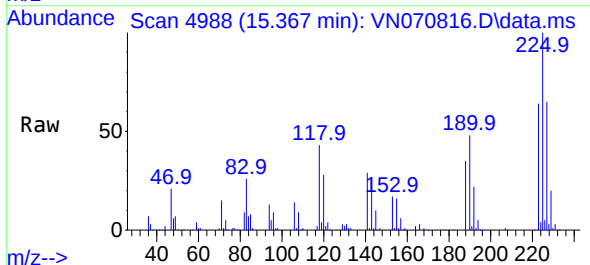
Tgt Ion:180 Resp: 332649
Ion Ratio Lower Upper
180 100
182 94.7 48.3 144.9
145 31.9 14.5 43.5

Manual Integrations
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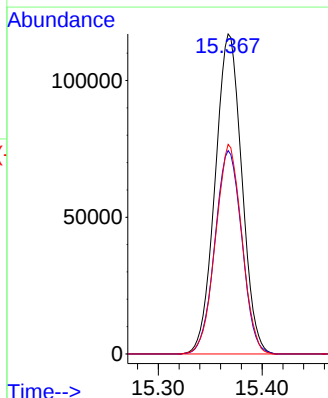
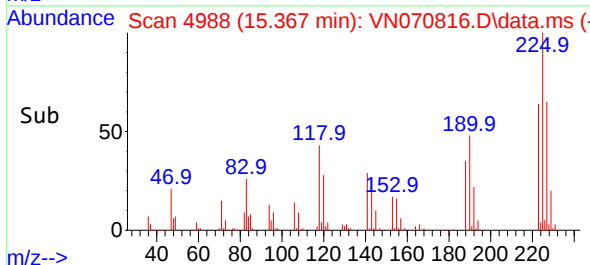
Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022

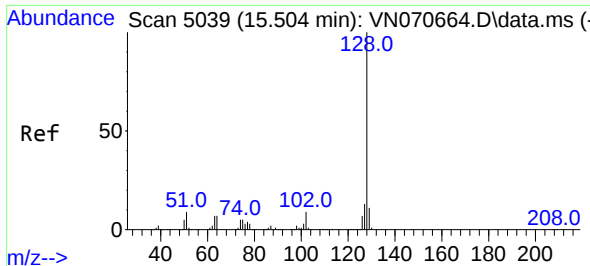


#94
Hexachlorobutadiene
Concen: 46.930 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. 0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28



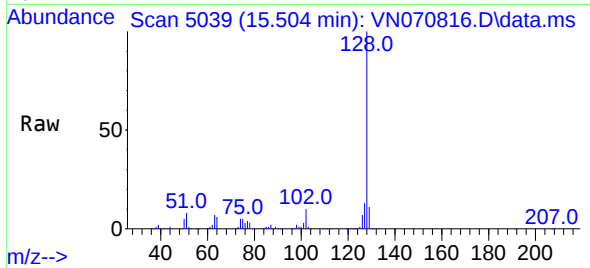
Tgt Ion:225 Resp: 208733
Ion Ratio Lower Upper
225 100
223 64.2 31.9 95.7
227 64.7 32.1 96.3





#95
Naphthalene
Concen: 38.693 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28

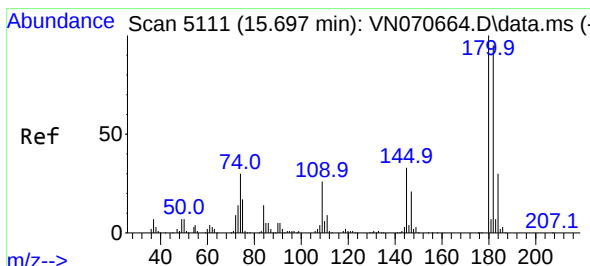
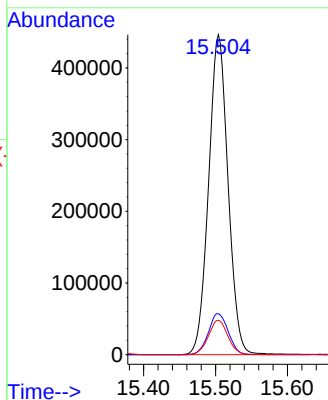
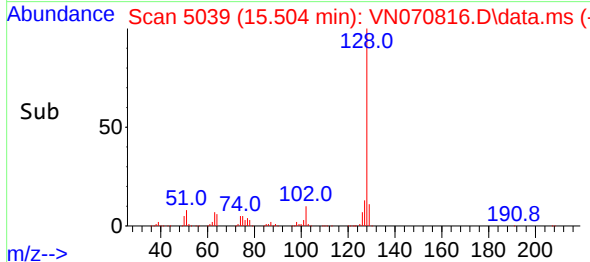
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



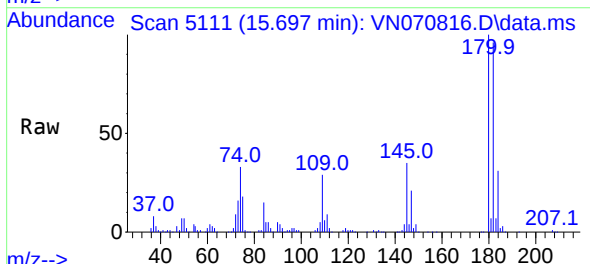
Tgt Ion:128 Resp: 836588
Ion Ratio Lower Upper
128 100
127 13.2 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/28/2022
Supervised By :Mahesh Dadoda 01/28/2022



#96
1,2,3-Trichlorobenzene
Concen: 41.939 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. 0.000 min
Lab File: VN070816.D
Acq: 27 Jan 2022 19:28



Tgt Ion:180 Resp: 314849
Ion Ratio Lower Upper
180 100
182 96.2 47.4 142.2
145 34.5 15.0 45.1

