

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070154.D
 Acq On : 17 Dec 2021 9:56
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/18/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Quant Time: Dec 18 05:44:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	1041671	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1663895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1582662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	680951	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	713230	44.346	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	88.700%		
35) Dibromofluoromethane	8.021	113	494194	47.417	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.840%		
50) Toluene-d8	10.440	98	1943720	46.446	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.900%		
62) 4-Bromofluorobenzene	12.731	95	749586	49.442	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.880%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	558150	45.940	ug/l	100
3) Chloromethane	2.303	50	683577	44.910	ug/l	99
4) Vinyl Chloride	2.445	62	639131	45.666	ug/l	99
5) Bromomethane	2.837	94	353974	46.553	ug/l	99
6) Chloroethane	3.009	64	390848	45.572	ug/l	98
7) Trichlorofluoromethane	3.371	101	847317	46.128	ug/l	98
8) Diethyl Ether	3.819	74	380258	53.749	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.202	101	552601	53.667	ug/l	96
10) Methyl Iodide	4.411	142	685950	48.764	ug/l	98
11) Tert butyl alcohol	5.387	59	724642	238.357	ug/l	100
12) 1,1-Dichloroethene	4.175	96	496663	50.055	ug/l	89
13) Acrolein	4.038	56	373004	144.075	ug/l	100
14) Allyl chloride	4.835	41	1195759	53.481	ug/l #	90
15) Acrylonitrile	5.554	53	2138149	261.001	ug/l	99
16) Acetone	4.288	43	2520350	260.504	ug/l	97
17) Carbon Disulfide	4.524	76	1118297	43.625	ug/l	100
18) Methyl Acetate	4.856	43	1464816	50.160	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	2100498	54.444	ug/l	95
20) Methylene Chloride	5.092	84	632512	49.178	ug/l	87
21) trans-1,2-Dichloroethene	5.591	96	526974	48.897	ug/l	85
22) Diisopropyl ether	6.498	45	2447645	56.008	ug/l	93
23) Vinyl Acetate	6.433	43	9828965	276.455	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	1215929	53.712	ug/l	98
25) 2-Butanone	7.337	43	3389930	257.880	ug/l	91
26) 2,2-Dichloropropane	7.324	77	978310	55.582	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	672552	51.652	ug/l	85
28) Bromochloromethane	7.656	49	590640	50.174	ug/l #	77
29) Tetrahydrofuran	7.686	42	2029102	254.204	ug/l	87
30) Chloroform	7.817	83	1196345	52.328	ug/l	100
31) Cyclohexane	8.094	56	1093005	48.833	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	1004640	51.587	ug/l	95
36) 1,1-Dichloropropene	8.220	75	853034	53.854	ug/l	96
37) Ethyl Acetate	7.415	43	1195813	50.723	ug/l	97
38) Carbon Tetrachloride	8.206	117	808144	52.028	ug/l	98
39) Methylcyclohexane	9.459	83	1031592	54.752	ug/l	89
40) Benzene	8.458	78	2586404	53.420	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	617558	55.801	ug/l	89
42) 1,2-Dichloroethane	8.528	62	1044086	53.421	ug/l	96
43) Isopropyl Acetate	8.560	43	1931694	55.369	ug/l #	94
44) Trichloroethene	9.215	130	617893	53.470	ug/l	90
45) 1,2-Dichloropropane	9.491	63	725891	55.831	ug/l	100
46) Dibromomethane	9.577	93	458192	53.736	ug/l	93
47) Bromodichloromethane	9.762	83	928851	57.535	ug/l	99
48) Methyl methacrylate	9.561	41	908274	55.786	ug/l	87
49) 1,4-Dioxane	9.569	88	315122	1078.679	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	6453883	285.157	ug/l	96
52) Toluene	10.505	92	1629326	55.121	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	1020268	52.394	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1100499	53.835	ug/l	90
55) 1,1,2-Trichloroethane	10.899	97	660863	55.412	ug/l	96
56) Ethyl methacrylate	10.759	69	1158390	51.409	ug/l #	88
57) 1,3-Dichloropropane	11.044	76	1172168	55.818	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1836647	298.391	ug/l	91
59) 2-Hexanone	11.084	43	4878192	284.926	ug/l	93
60) Dibromochloromethane	11.240	129	660670	51.620	ug/l	100
61) 1,2-Dibromoethane	11.347	107	679498	55.007	ug/l	99
64) Tetrachloroethene	10.977	164	556144	51.823	ug/l	95
65) Chlorobenzene	11.771	112	1738926	54.160	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	629557	55.709	ug/l	100
67) Ethyl Benzene	11.846	91	3297982	56.547	ug/l	96
68) m/p-Xylenes	11.953	106	2408582	113.421	ug/l	92
69) o-Xylene	12.280	106	1210555	56.594	ug/l	92
70) Styrene	12.294	104	1984230	58.500	ug/l	95
71) Bromoform	12.460	173	490054	50.663	ug/l #	100
73) Isopropylbenzene	12.578	105	3231821	53.343	ug/l	98
74) N-amyl acetate	12.387	43	1487683	55.524	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.827	83	1083061	51.696	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	994666m	50.935	ug/l	
77) Bromobenzene	12.859	156	732643	51.483	ug/l	76
78) n-propylbenzene	12.921	91	3731276	55.345	ug/l	96
79) 2-Chlorotoluene	13.007	91	2267505	53.228	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2630740	53.948	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	309639	51.741	ug/l	95
82) 4-Chlorotoluene	13.104	91	2203719	55.007	ug/l	92
83) tert-Butylbenzene	13.323	119	2342563	54.252	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	2584014	55.641	ug/l	97
85) sec-Butylbenzene	13.500	105	3289033	56.157	ug/l	97
86) p-Isopropyltoluene	13.616	119	2615325	57.127	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	1278491	54.686	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1227718	53.437	ug/l	97
89) n-Butylbenzene	13.943	91	2229880	60.045	ug/l	97
90) Hexachloroethane	14.211	117	431322	53.662	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	1228636	53.937	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	201814	53.309	ug/l	78
93) 1,2,4-Trichlorobenzene	15.265	180	622922	55.425	ug/l	97
94) Hexachlorobutadiene	15.370	225	355517	58.890	ug/l	99
95) Naphthalene	15.507	128	1674414	50.291	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	605397	55.328	ug/l	99

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QLast Update : Fri Dec 03 08:46:47 2021
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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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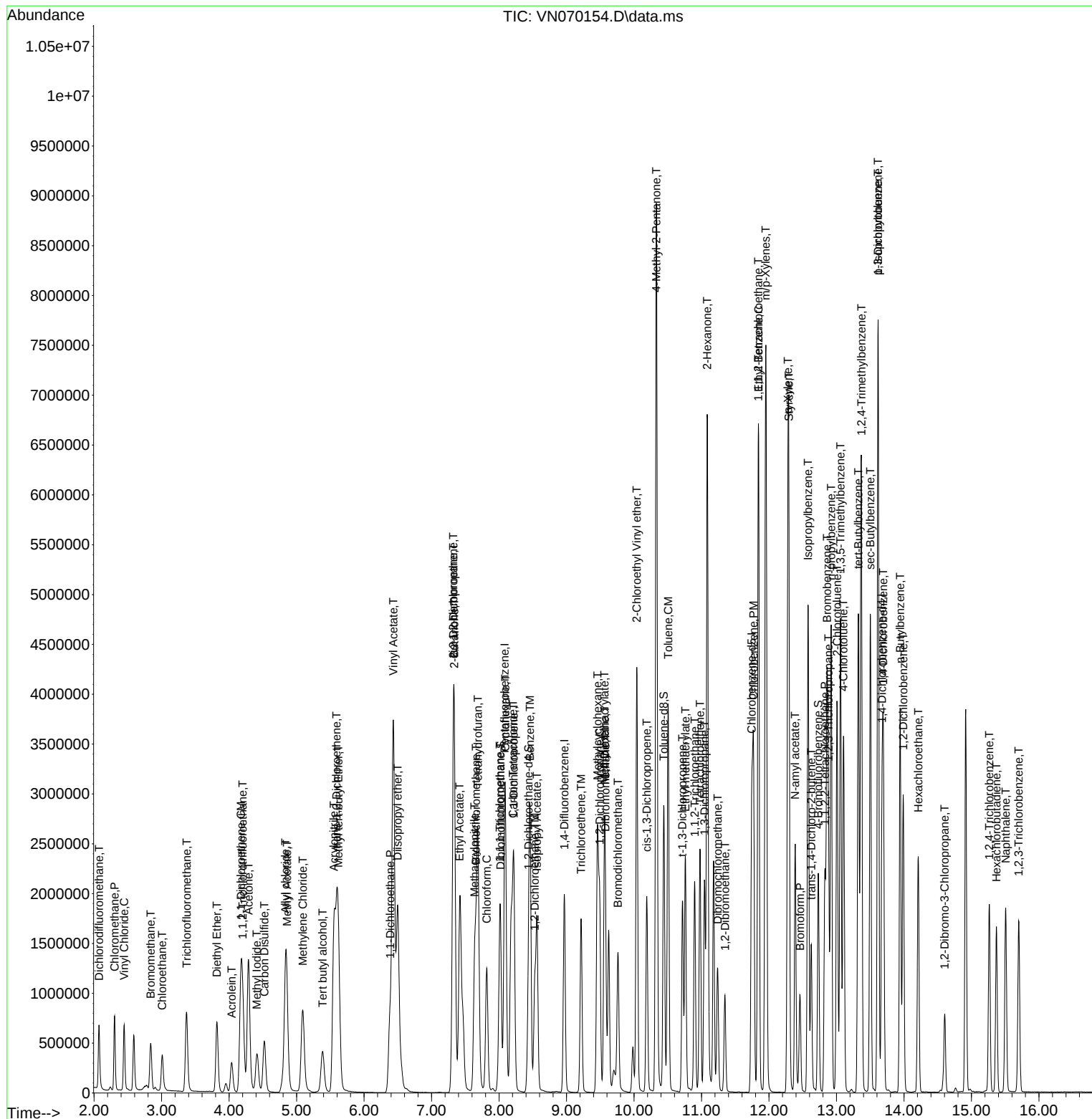
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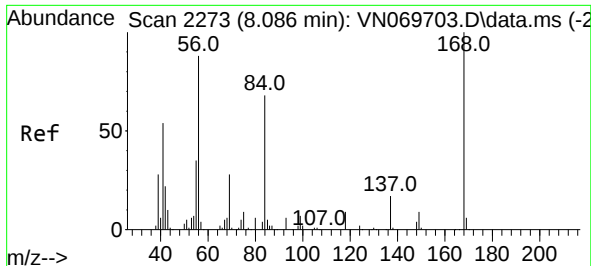
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M

Quant Title : SW846 8260

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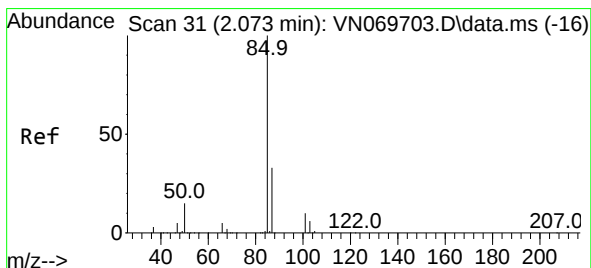
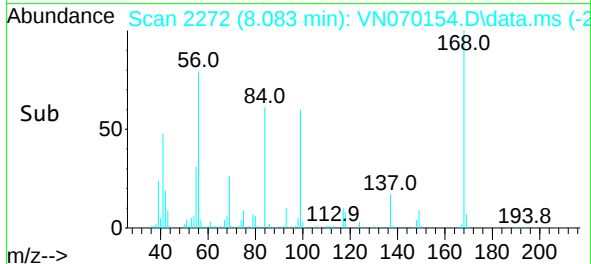
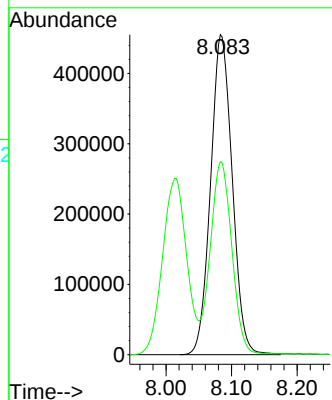
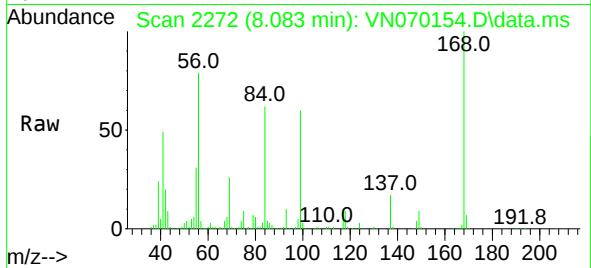
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
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Tgt Ion:168 Resp: 104167
Ion Ratio Lower Upper
168 100
99 60.0 41.3 61.9

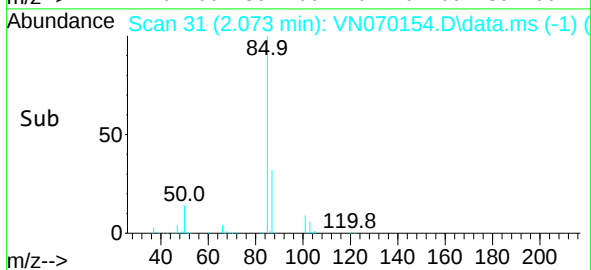
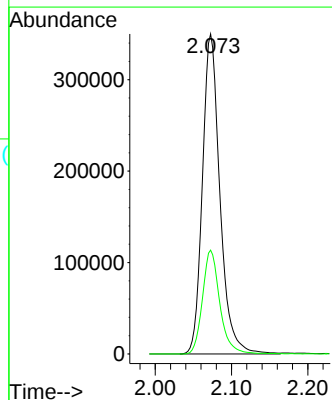
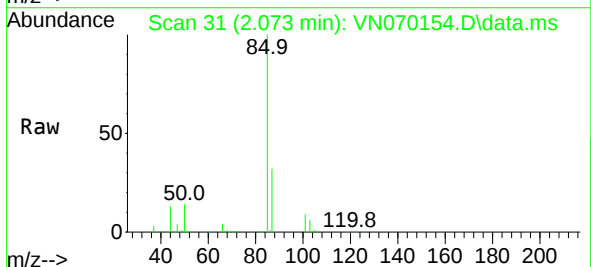
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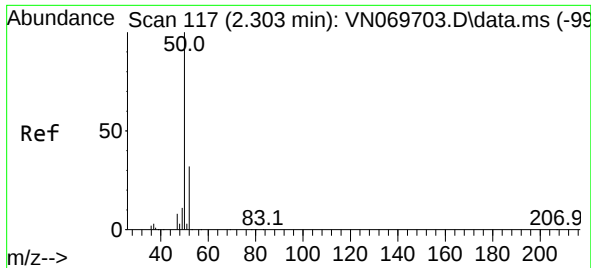
Reviewed By :John Carlone 12/18/2021
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#2
Dichlorodifluoromethane
Concen: 45.940 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

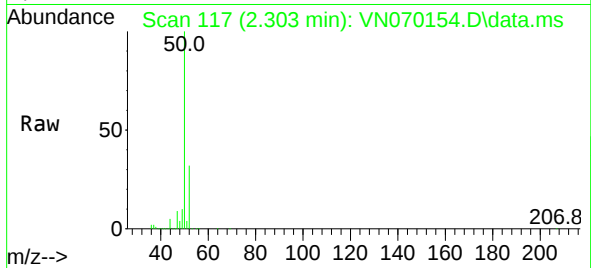
Tgt Ion: 85 Resp: 558150
Ion Ratio Lower Upper
85 100
87 32.4 16.3 48.9





#3
Chloromethane
Concen: 44.910 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

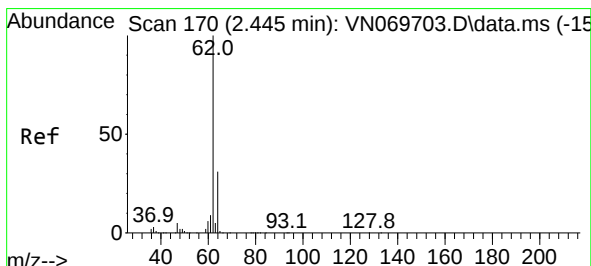
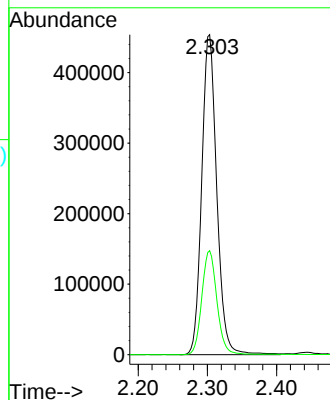
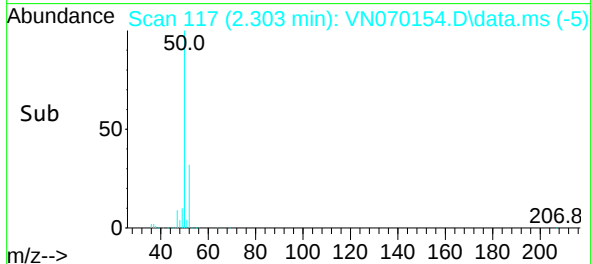
Instrument :
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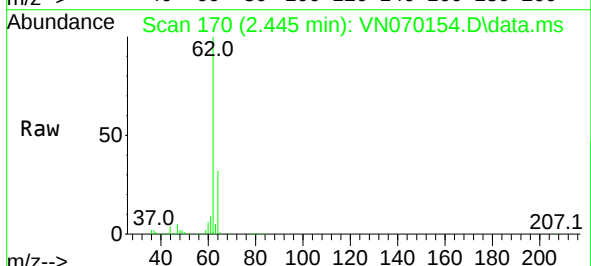
Tgt Ion: 50 Resp: 68357
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.0

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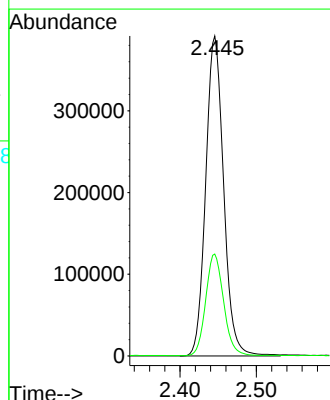
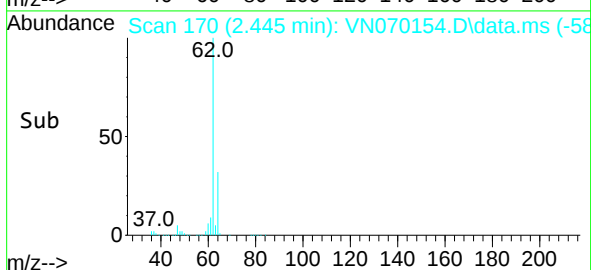
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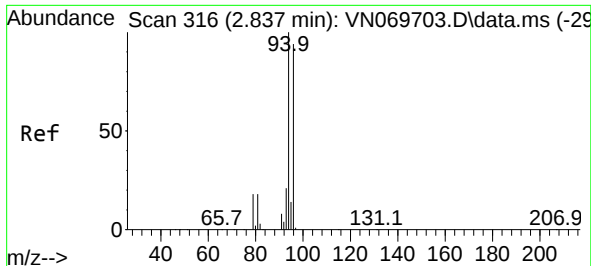


#4
Vinyl Chloride
Concen: 45.666 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56



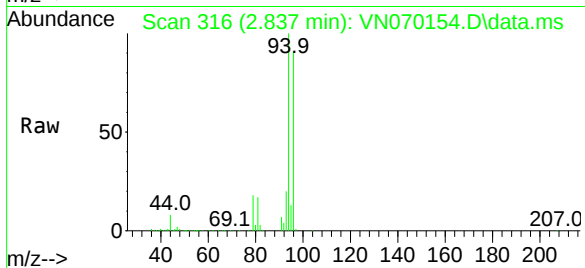
Tgt Ion: 62 Resp: 639131
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6





#5
Bromomethane
Concen: 46.553 ug/l
RT: 2.837 min Scan# 316
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

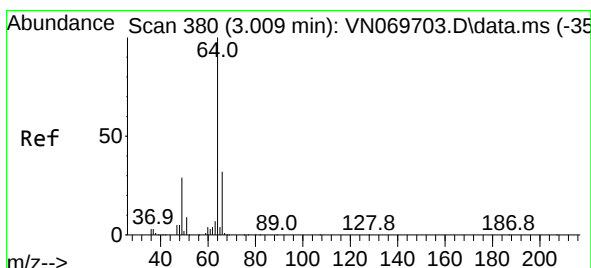
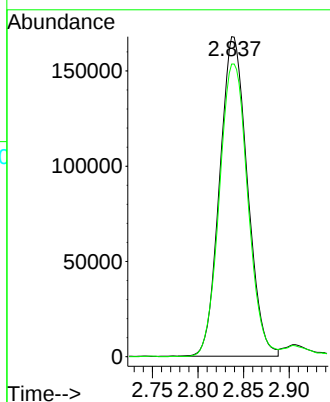
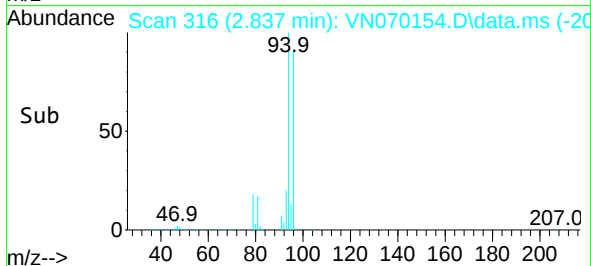
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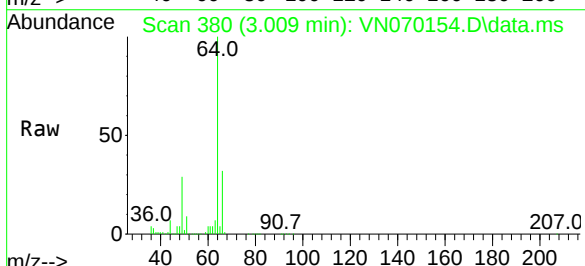
Tgt Ion: 94 Resp: 353974
Ion Ratio Lower Upper
94 100
96 91.4 73.8 110.8

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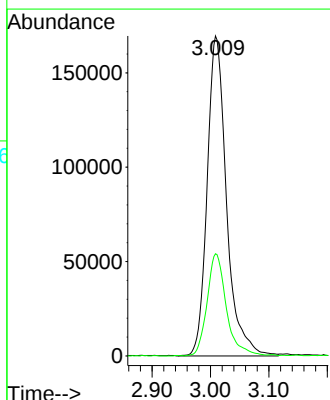
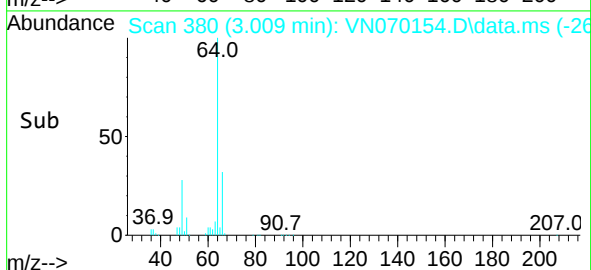
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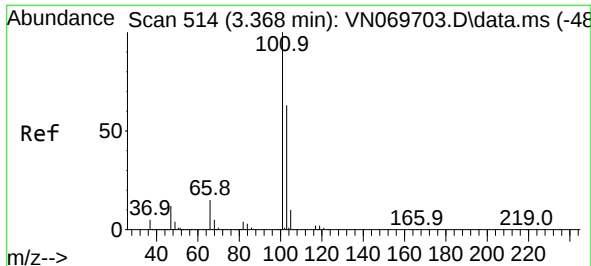


#6
Chloroethane
Concen: 45.572 ug/l
RT: 3.009 min Scan# 380
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56



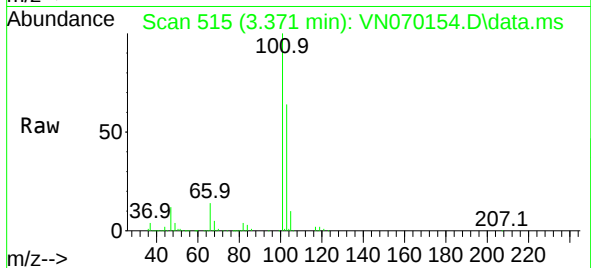
Tgt Ion: 64 Resp: 390848
Ion Ratio Lower Upper
64 100
66 31.8 26.3 39.5





#7
Trichlorofluoromethane
Concen: 46.128 ug/l
RT: 3.371 min Scan# 514
Delta R.T. 0.003 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

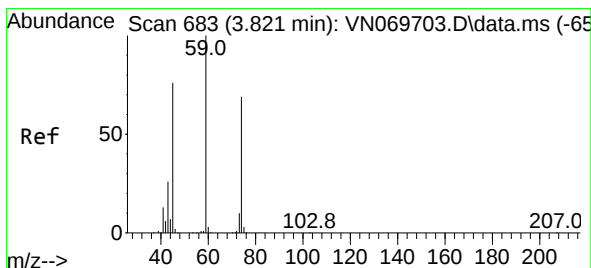
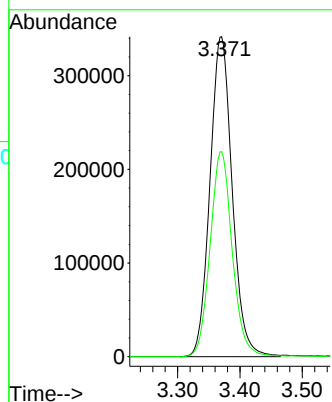
Instrument :
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Tgt Ion:101 Resp: 84731
Ion Ratio Lower Upper
101 100
103 64.1 50.1 75.1

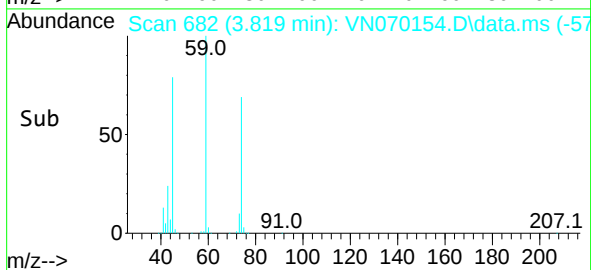
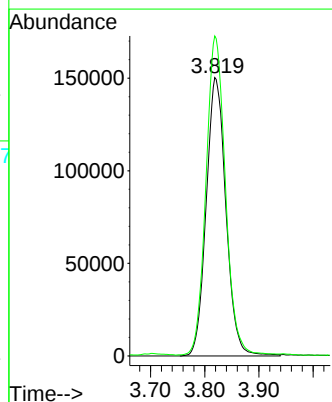
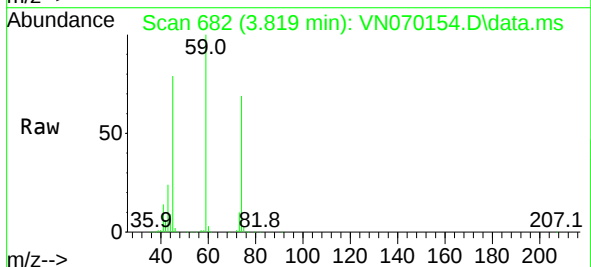
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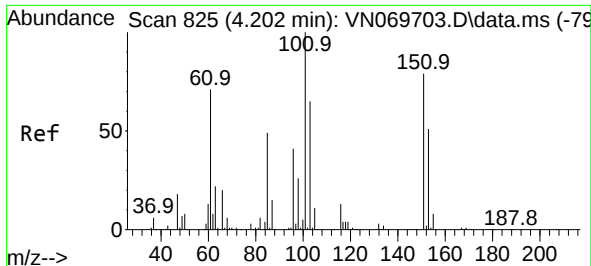
Reviewed By :John Carlone 12/18/2021
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#8
Diethyl Ether
Concen: 53.749 ug/l
RT: 3.819 min Scan# 682
Delta R.T. -0.003 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

Tgt Ion: 74 Resp: 380258
Ion Ratio Lower Upper
74 100
45 112.7 47.0 141.2





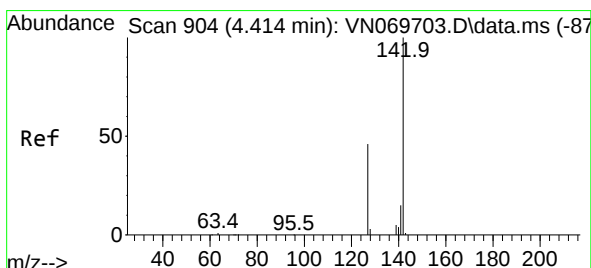
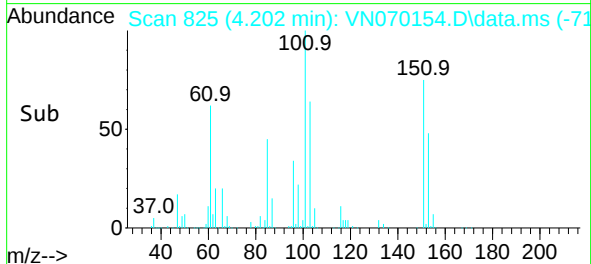
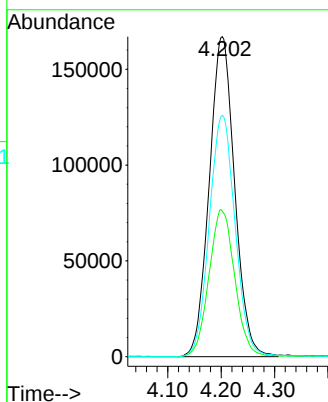
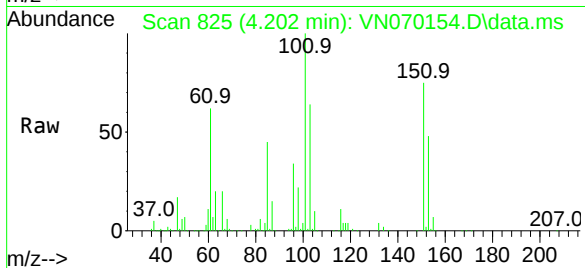
#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.667 ug/l
RT: 4.202 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:101 Resp: 55260
Ion Ratio Lower Upper
101 100
85 46.4 37.2 55.8
151 76.8 65.9 98.9

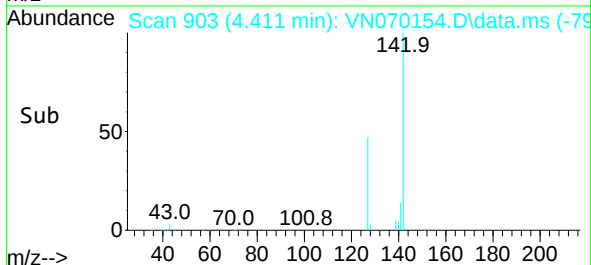
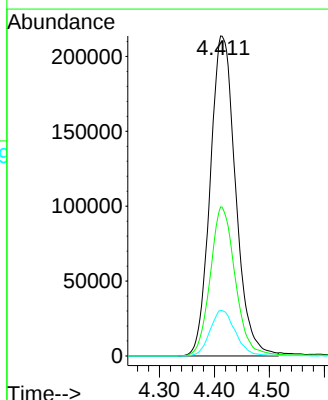
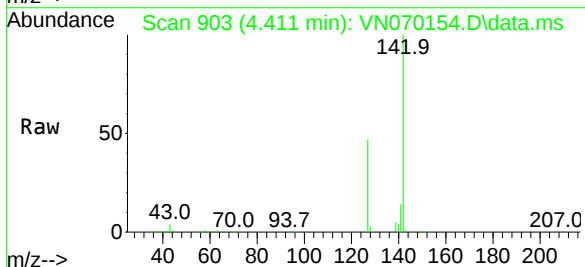
Manual Integrations
APPROVED

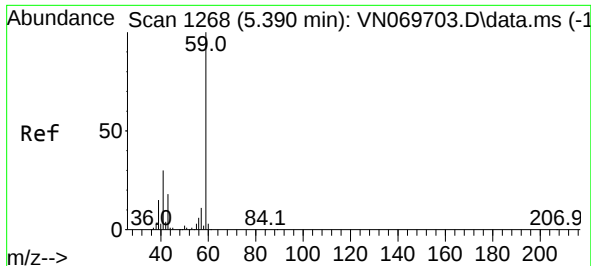
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#10
Methyl Iodide
Concen: 48.764 ug/l
RT: 4.411 min Scan# 903
Delta R.T. -0.003 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

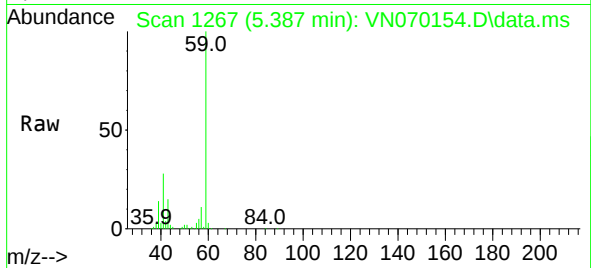
Tgt Ion:142 Resp: 685950
Ion Ratio Lower Upper
142 100
127 45.9 35.4 53.0
141 14.3 11.6 17.4





#11
Tert butyl alcohol
Concen: 238.357 ug/l
RT: 5.387 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

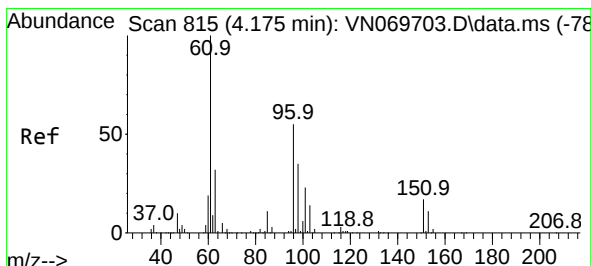
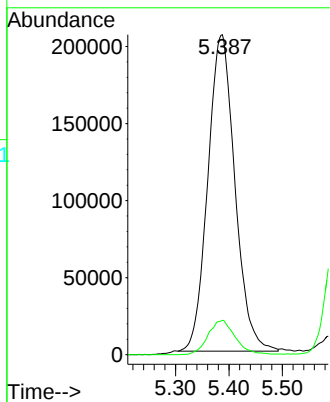
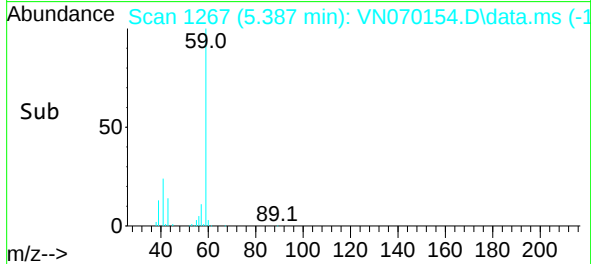
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



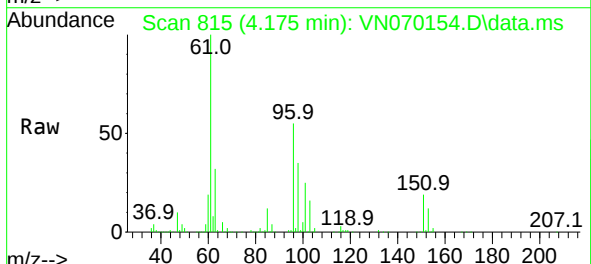
Tgt Ion: 59 Resp: 72464
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

Manual Integrations
APPROVED

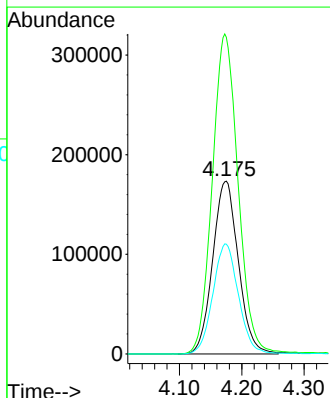
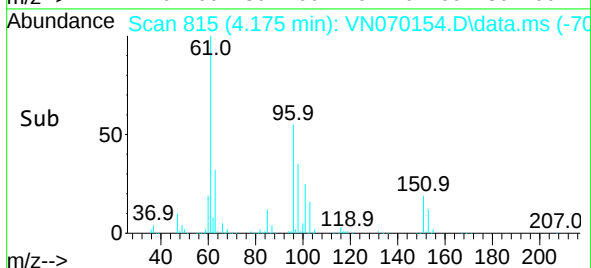
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

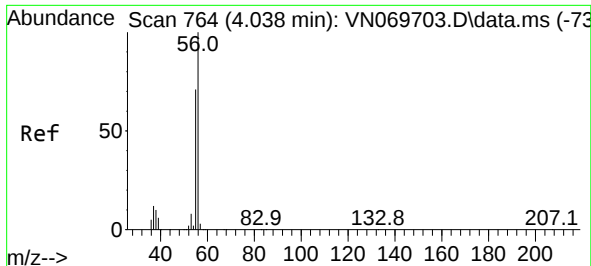


#12
1,1-Dichloroethene
Concen: 50.055 ug/l
RT: 4.175 min Scan# 815
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56



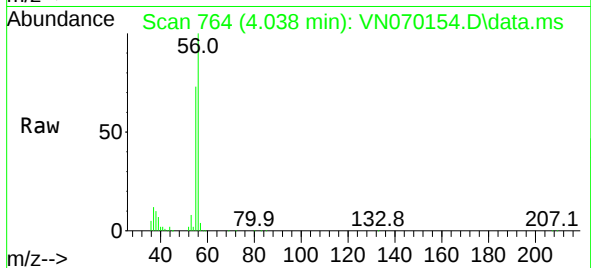
Tgt Ion: 96 Resp: 496663
Ion Ratio Lower Upper
96 100
61 183.2 131.0 196.6
98 63.5 52.4 78.6





#13
Acrolein
Concen: 144.075 ug/l
RT: 4.038 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

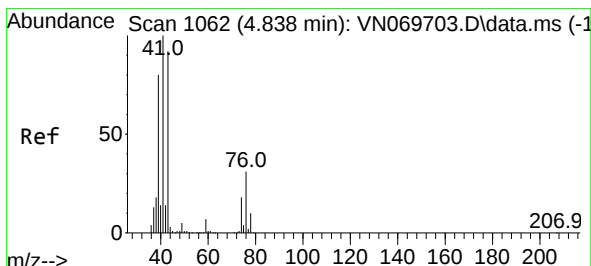
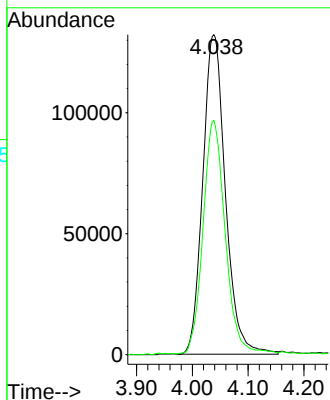
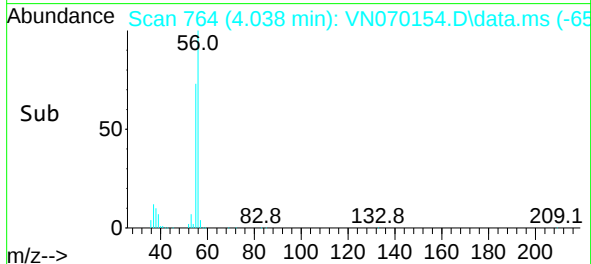
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



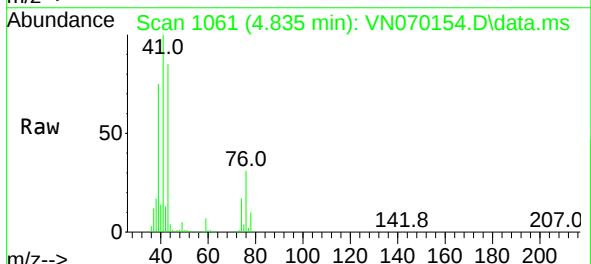
Tgt Ion: 56 Resp: 373004
Ion Ratio Lower Upper
56 100
55 70.6 56.6 85.0

Manual Integrations
APPROVED

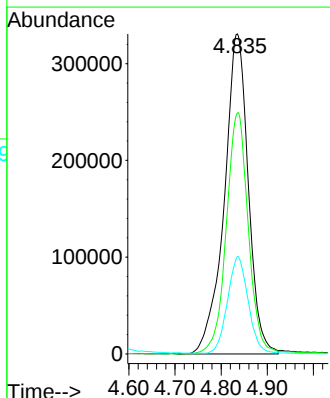
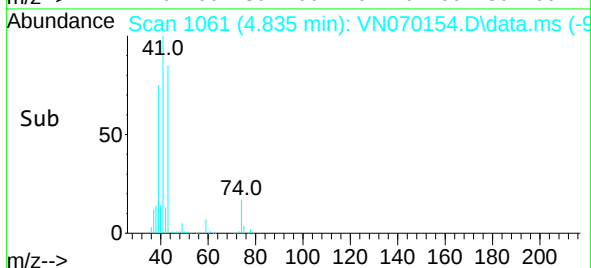
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

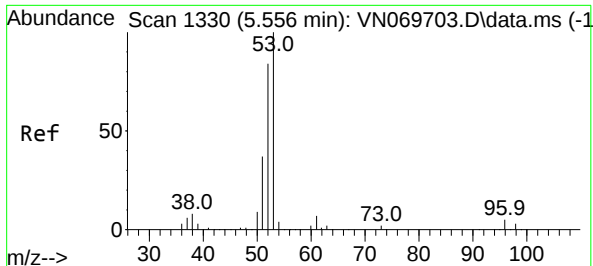


#14
Allyl chloride
Concen: 53.481 ug/l
RT: 4.835 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56



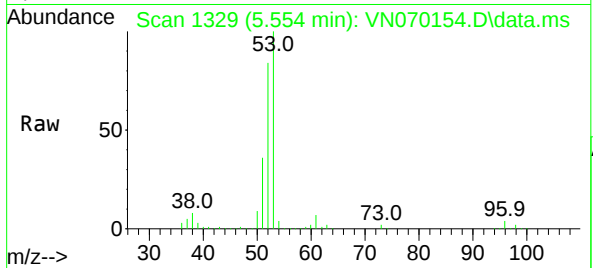
Tgt Ion: 41 Resp: 1195759
Ion Ratio Lower Upper
41 100
39 68.9 61.2 91.8
76 25.9 26.0 39.0#





#15
Acrylonitrile
Concen: 261.001 ug/l
RT: 5.554 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

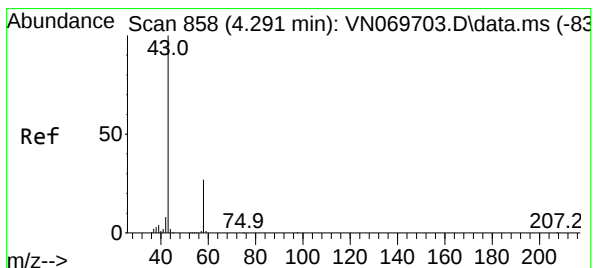
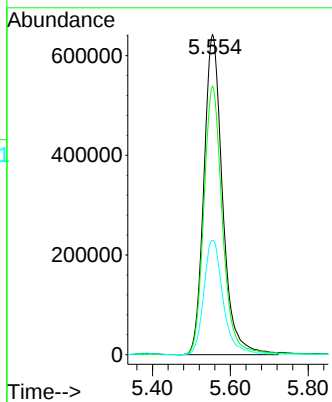
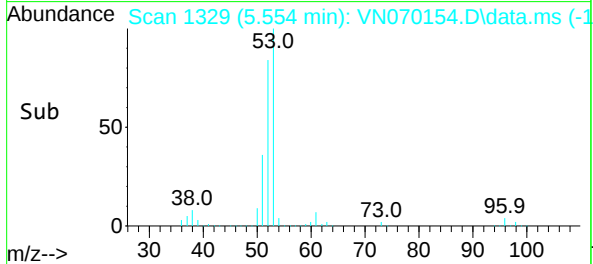
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 53 Resp: 2138149
Ion Ratio Lower Upper
53 100
52 83.4 66.2 99.2
51 36.9 29.6 44.4

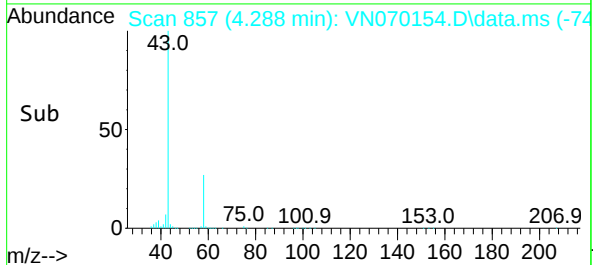
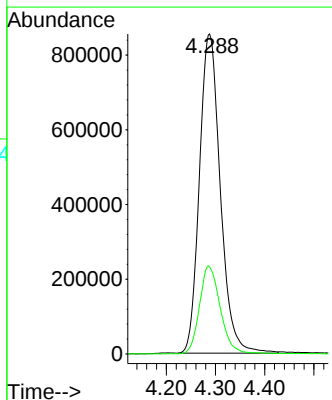
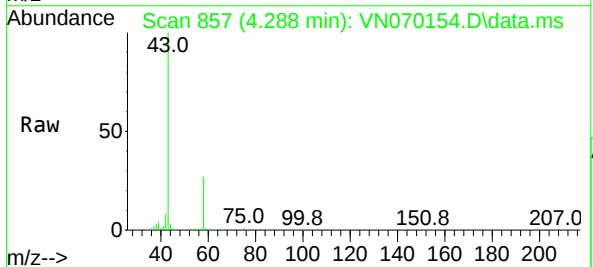
Manual Integrations
APPROVED

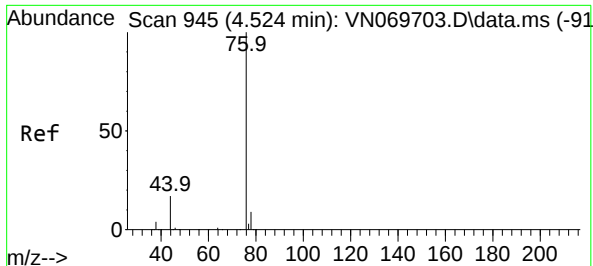
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#16
Acetone
Concen: 260.504 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

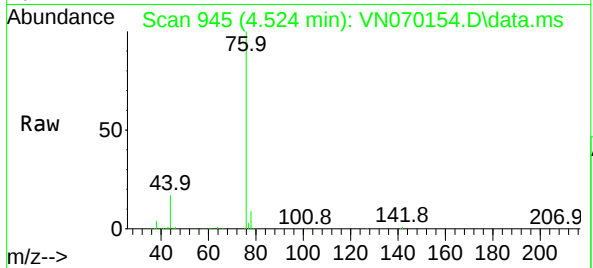
Tgt Ion: 43 Resp: 2520350
Ion Ratio Lower Upper
43 100
58 27.3 23.1 34.7





#17
Carbon Disulfide
Concen: 43.625 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

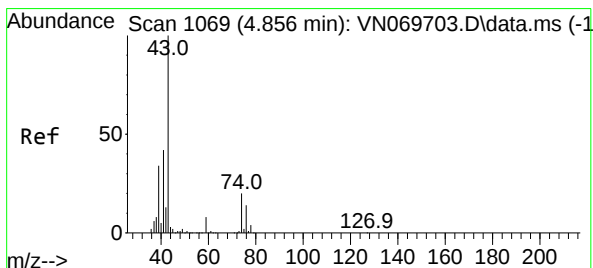
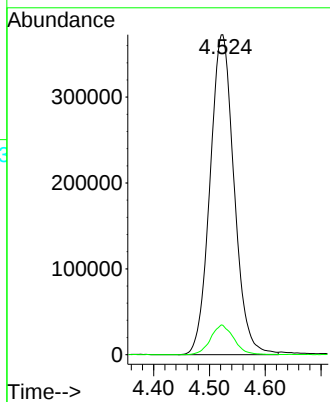
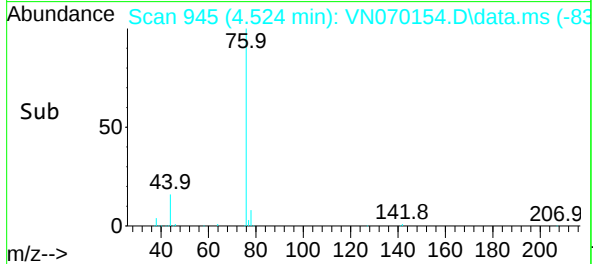
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 111829
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

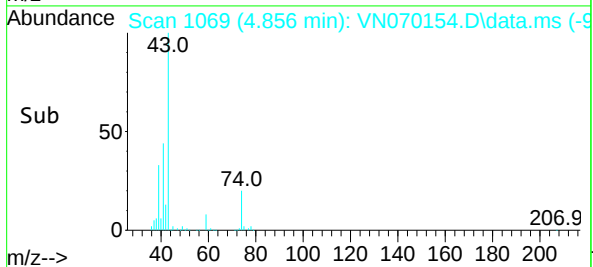
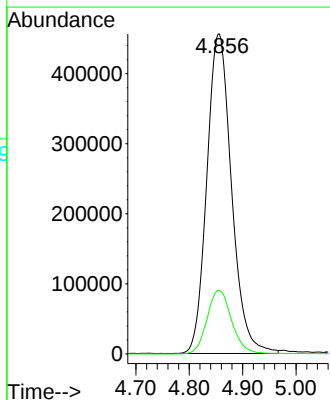
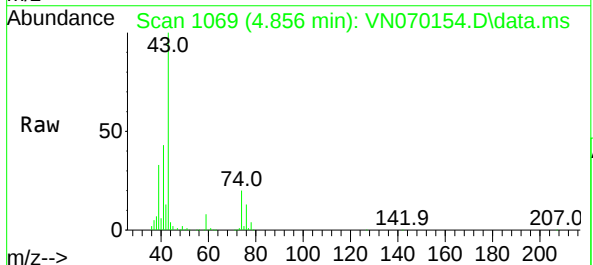
Manual Integrations
APPROVED

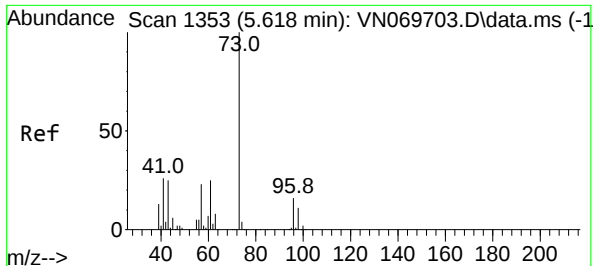
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#18
Methyl Acetate
Concen: 50.160 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

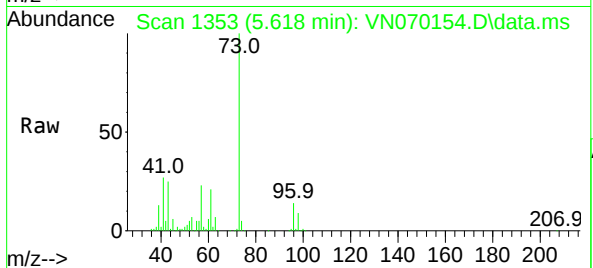
Tgt Ion: 43 Resp: 1464816
Ion Ratio Lower Upper
43 100
74 19.9 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 54.444 ug/l
RT: 5.618 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

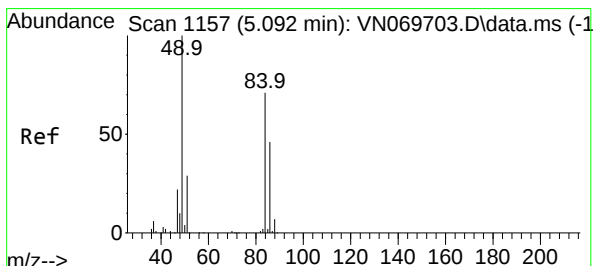
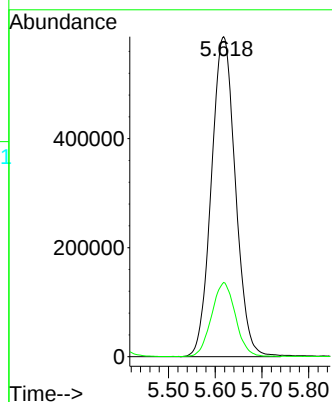
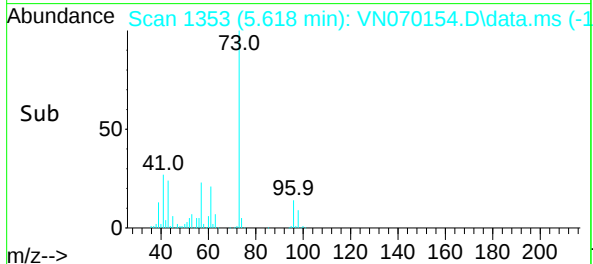
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 73 Resp: 2100498
Ion Ratio Lower Upper
73 100
57 23.1 16.8 25.2

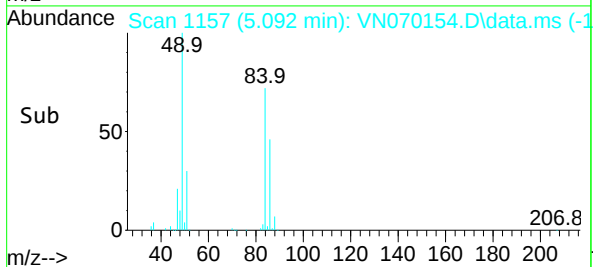
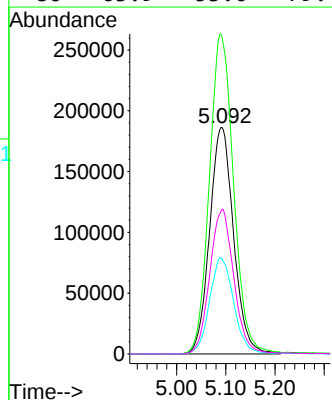
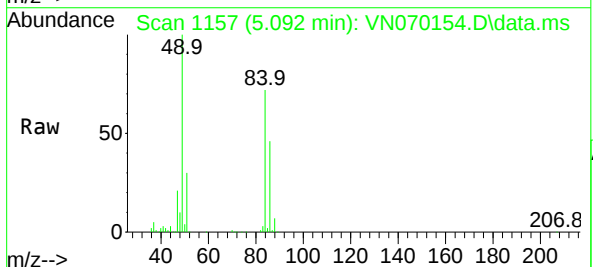
Manual Integrations
APPROVED

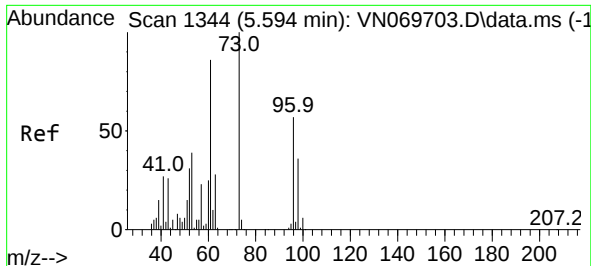
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#20
Methylene Chloride
Concen: 49.178 ug/l
RT: 5.092 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

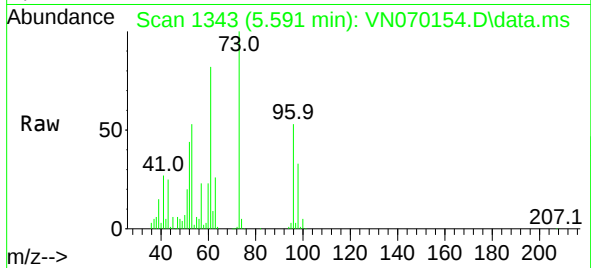
Tgt Ion: 84 Resp: 632512
Ion Ratio Lower Upper
84 100
49 139.5 93.5 140.3
51 41.8 29.4 44.2
86 63.9 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 48.897 ug/l
RT: 5.591 min Scan# 1344
Delta R.T. -0.003 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

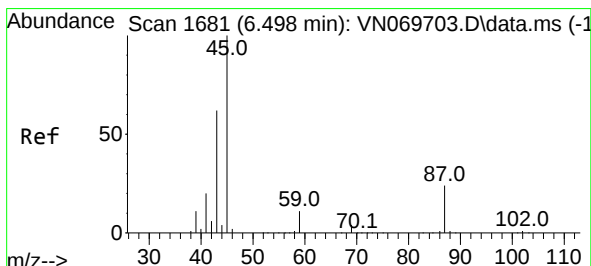
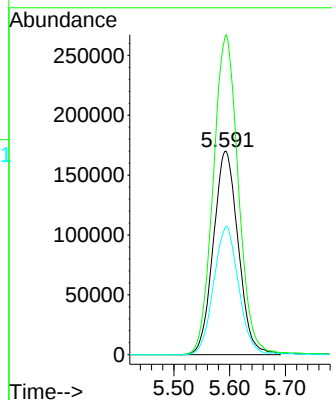
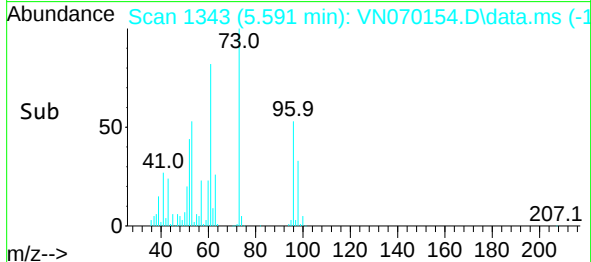
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 96 Resp: 526974
Ion Ratio Lower Upper
96 100
61 155.9 105.8 158.6
98 62.2 52.0 78.0

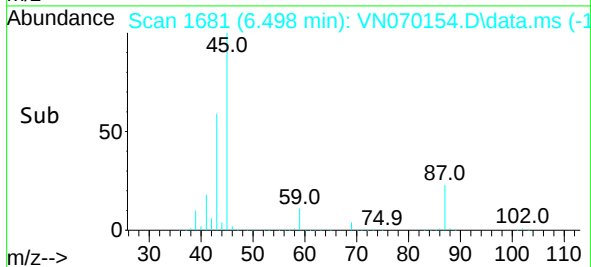
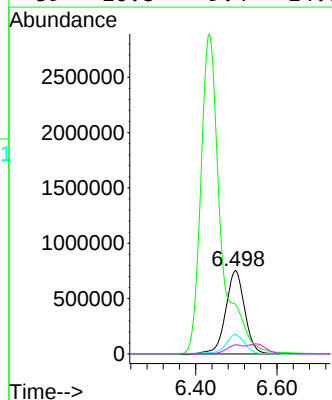
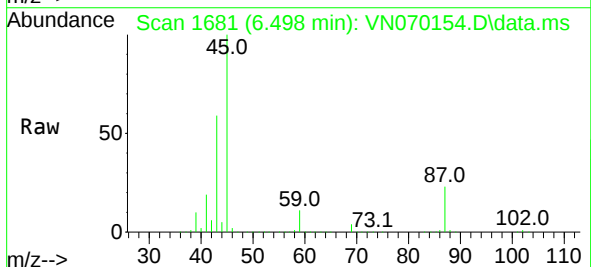
Manual Integrations
APPROVED

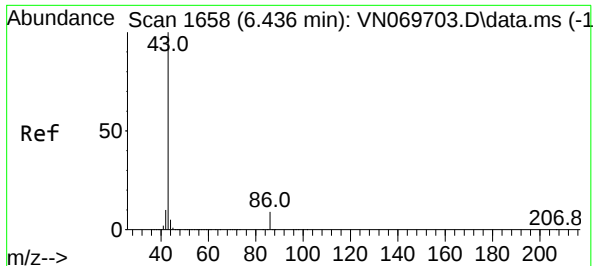
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#22
Diisopropyl ether
Concen: 56.008 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

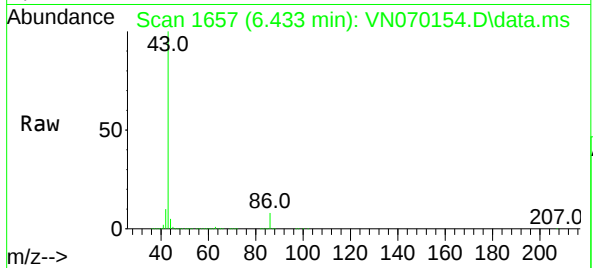
Tgt Ion: 45 Resp: 2447645
Ion Ratio Lower Upper
45 100
43 59.2 51.7 77.5
87 23.2 23.2 34.8
59 10.8 9.4 14.0





#23
 Vinyl Acetate
 Concen: 276.455 ug/l
 RT: 6.433 min Scan# 1657
 Delta R.T. -0.003 min
 Lab File: VN070154.D
 Acq: 17 Dec 2021 9:56

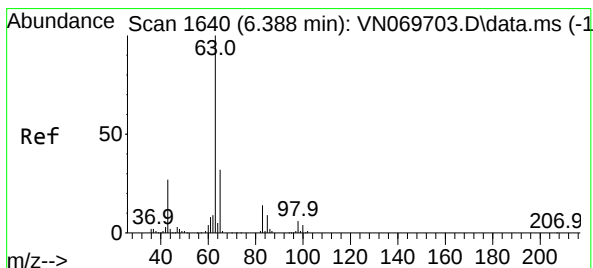
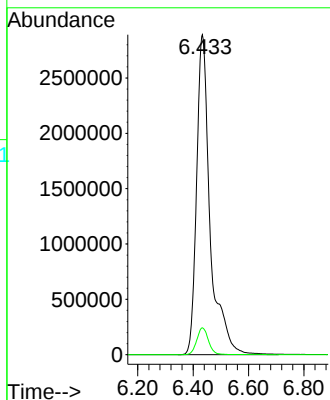
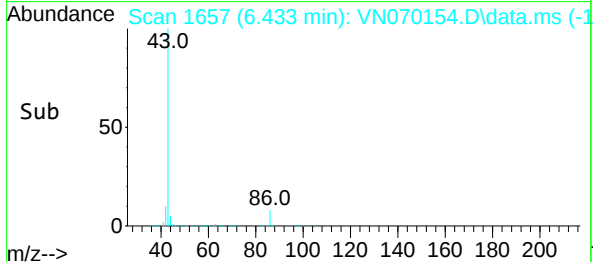
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



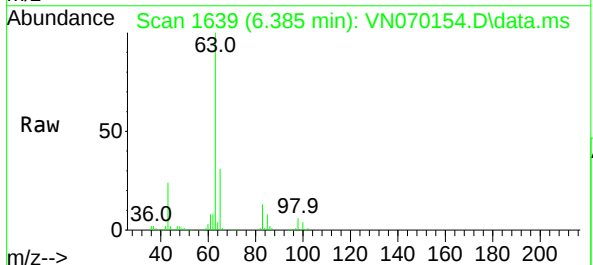
Tgt Ion: 43 Resp: 982896
 Ion Ratio Lower Upper
 43 100
 86 8.4 8.5 12.7

Manual Integrations
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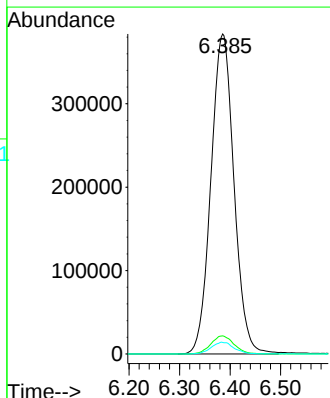
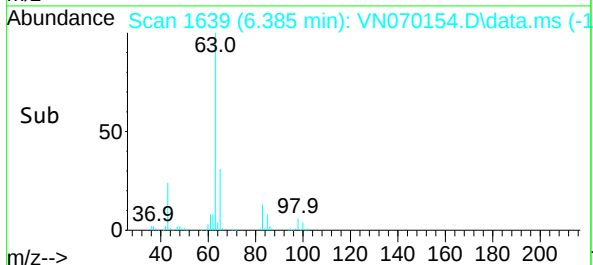
Reviewed By :John Carlone 12/18/2021
 Supervised By :Mahesh Dadoda 12/23/2021



#24
 1,1-Dichloroethane
 Concen: 53.712 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN070154.D
 Acq: 17 Dec 2021 9:56



Tgt Ion: 63 Resp: 1215929
 Ion Ratio Lower Upper
 63 100
 98 5.6 3.3 9.9
 100 3.6 2.1 6.5





#25

2-Butanone

Concen: 257.880 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN070154.D

Acq: 17 Dec 2021 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 3389930

Ion Ratio Lower Upper

43 100

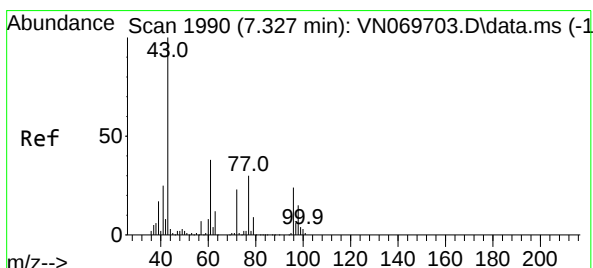
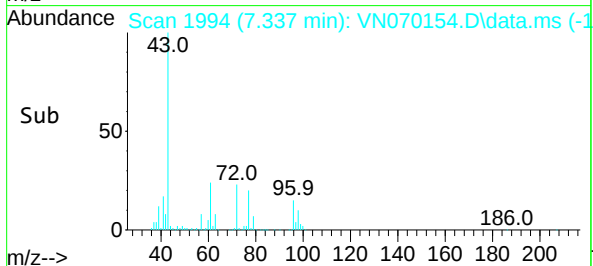
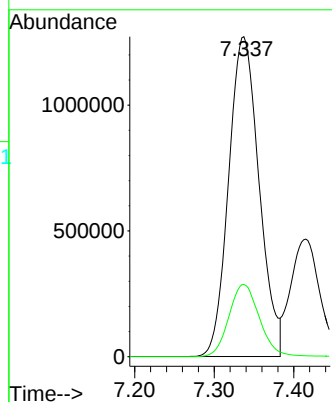
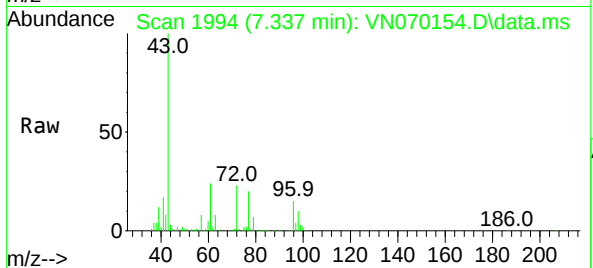
72 22.5 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/18/2021

Supervised By :Mahesh Dadoda 12/23/2021



#26

2,2-Dichloropropane

Concen: 55.582 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN070154.D

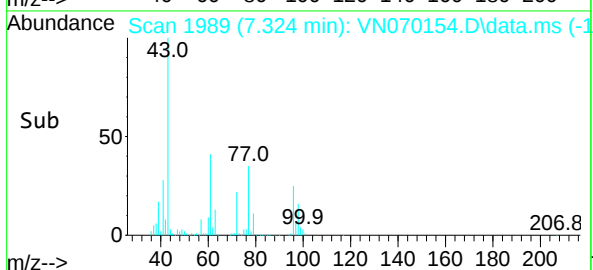
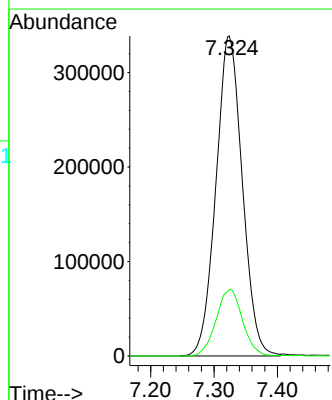
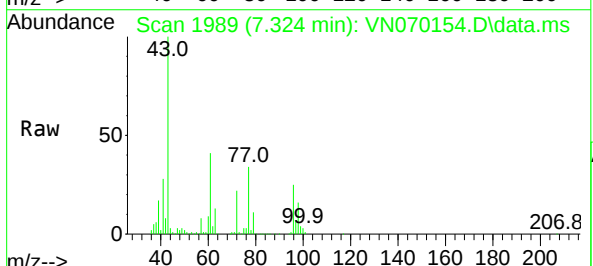
Acq: 17 Dec 2021 9:56

Tgt Ion: 77 Resp: 978310

Ion Ratio Lower Upper

77 100

97 20.9 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 51.652 ug/l

RT: 7.324 min Scan# 1990

Delta R.T. -0.003 min

Lab File: VN070154.D

Acq: 17 Dec 2021 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

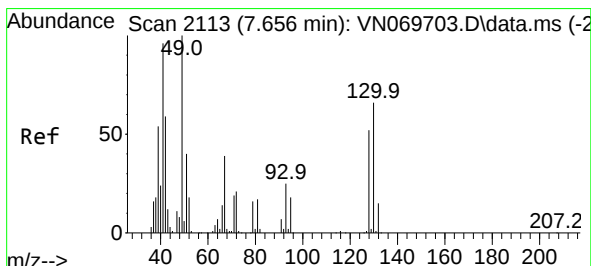
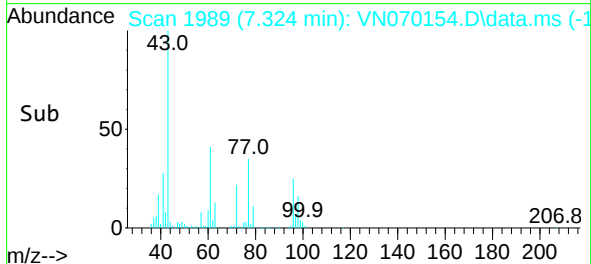
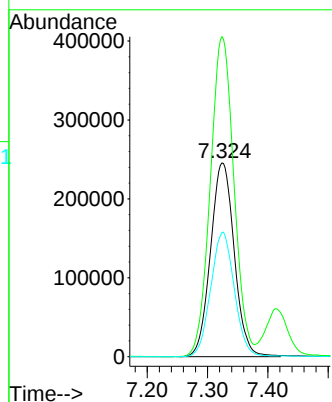
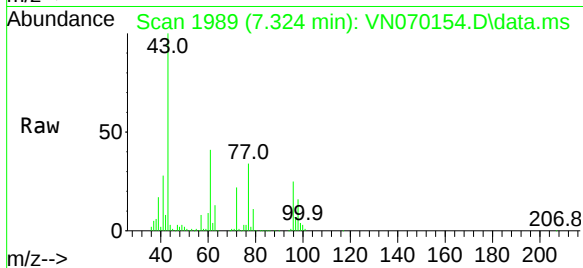
Tgt Ion:	96	Resp:	67255
Ion Ratio	Lower	Upper	
96	100		
61	164.2	0.0	275.0
98	64.0	0.0	129.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/18/2021

Supervised By :Mahesh Dadoda 12/23/2021



#28

Bromochloromethane

Concen: 50.174 ug/l

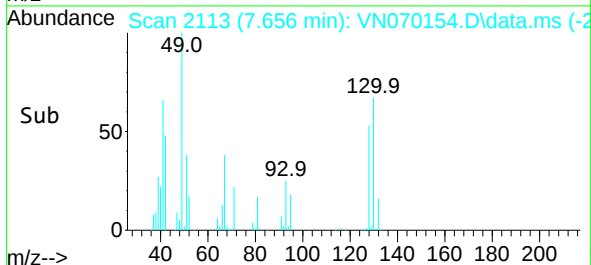
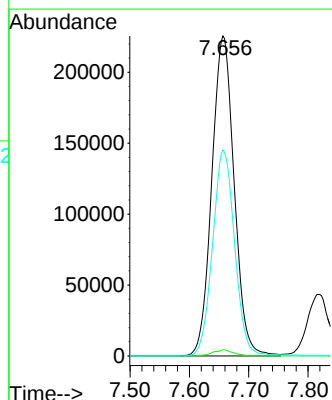
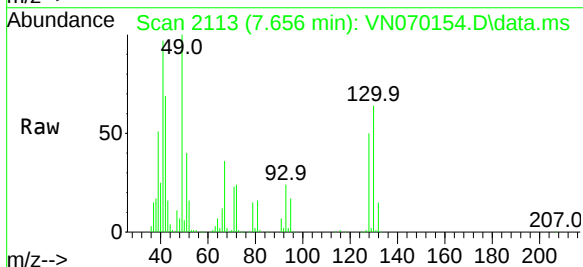
RT: 7.656 min Scan# 2113

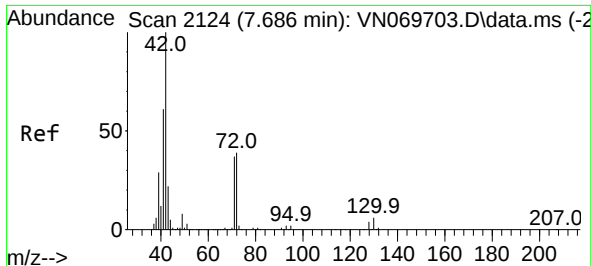
Delta R.T. 0.000 min

Lab File: VN070154.D

Acq: 17 Dec 2021 9:56

Tgt Ion:	49	Resp:	590640
Ion Ratio	Lower	Upper	
49	100		
129	1.7	0.0	4.0
130	63.1	67.8	101.8





#29

Tetrahydrofuran

Concen: 254.204 ug/l

RT: 7.686 min Scan# 2124

Delta R.T. 0.000 min

Lab File: VN070154.D

Acq: 17 Dec 2021 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 202910

Ion Ratio Lower Upper

42 100

72 37.3 36.3 54.5

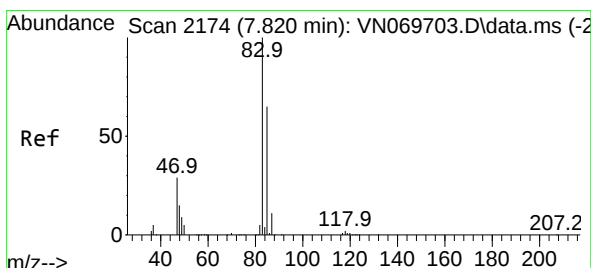
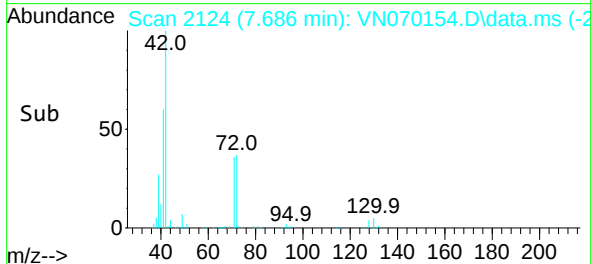
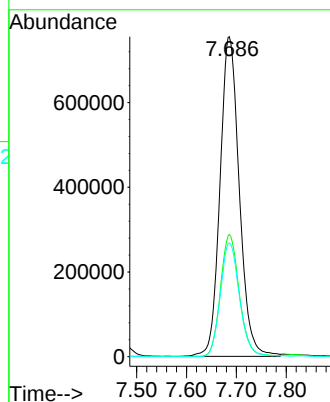
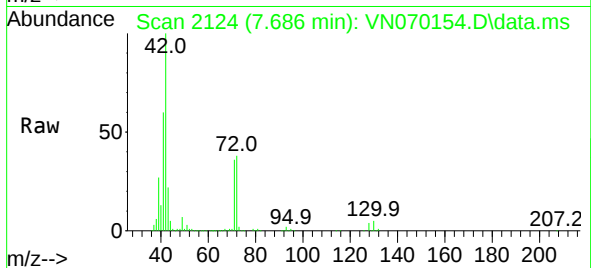
71 35.2 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/18/2021

Supervised By :Mahesh Dadoda 12/23/2021



#30

Chloroform

Concen: 52.328 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN070154.D

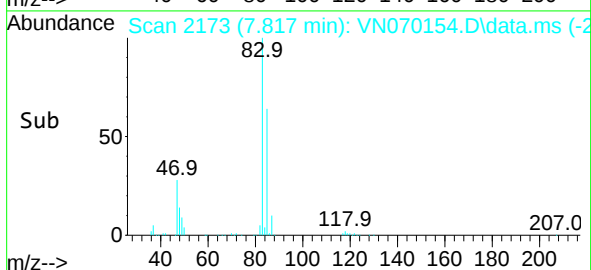
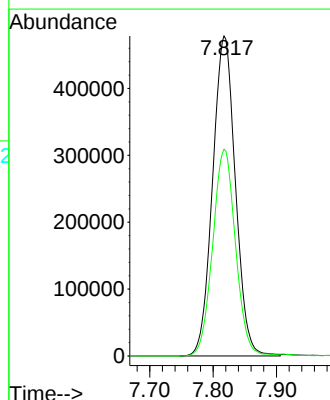
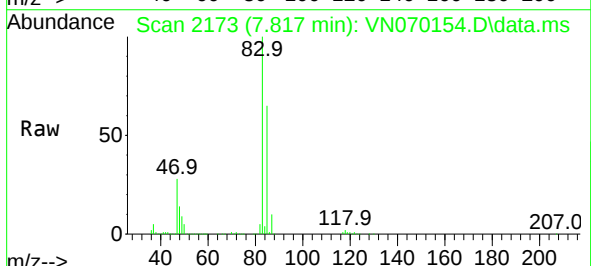
Acq: 17 Dec 2021 9:56

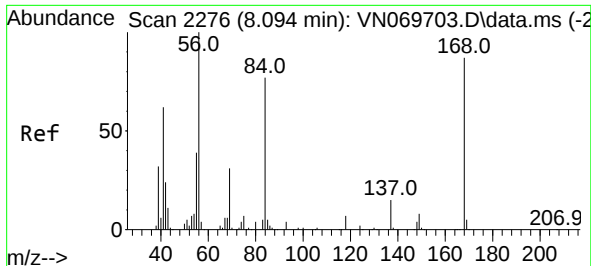
Tgt Ion: 83 Resp: 1196345

Ion Ratio Lower Upper

83 100

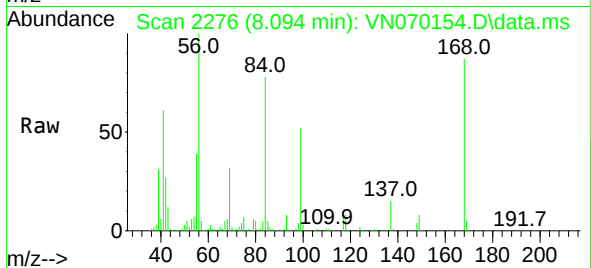
85 64.6 51.9 77.9





#31
Cyclohexane
Concen: 48.833 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

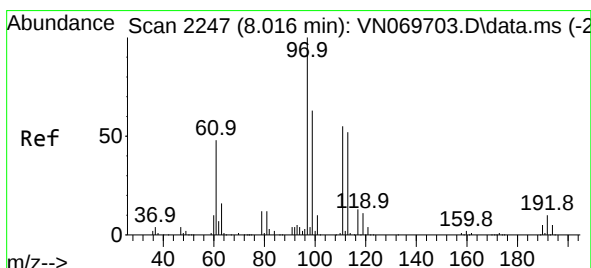
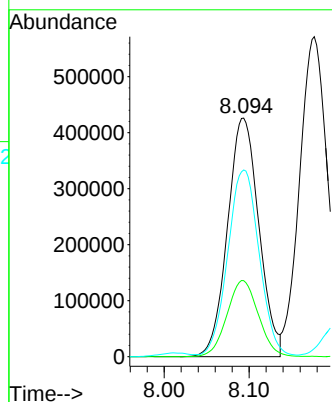
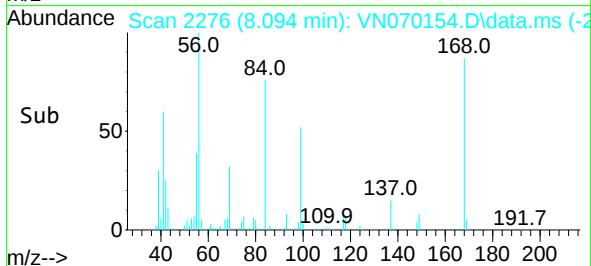
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



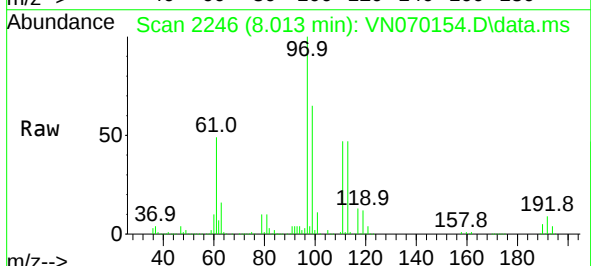
Tgt Ion: 56 Resp: 109300
Ion Ratio Lower Upper
56 100
69 31.9 27.1 40.7
84 76.7 73.4 110.0

Manual Integrations
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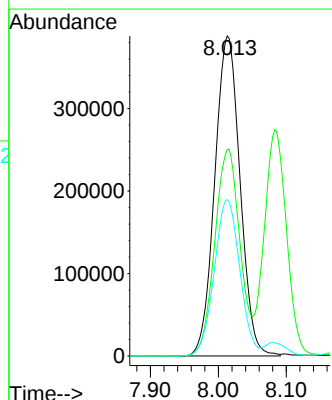
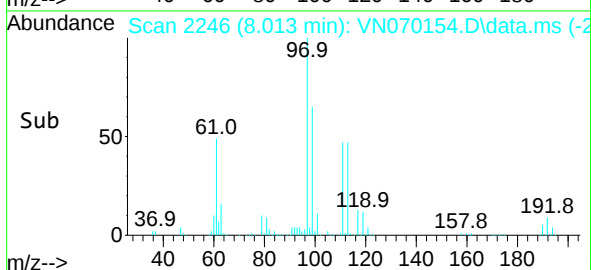
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

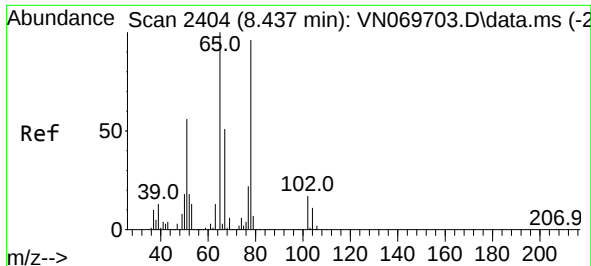


#32
1,1,1-Trichloroethane
Concen: 51.587 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56



Tgt Ion: 97 Resp: 1004640
Ion Ratio Lower Upper
97 100
99 64.3 50.1 75.1
61 49.5 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 44.346 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070154.D

Acq: 17 Dec 2021 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 713230

Ion Ratio Lower Upper

65 100

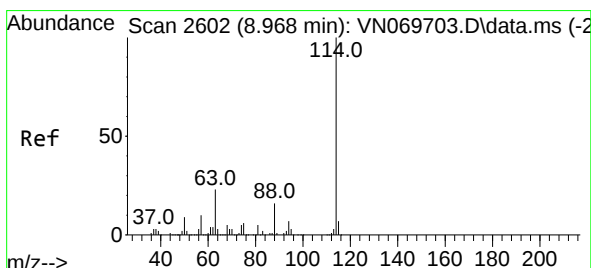
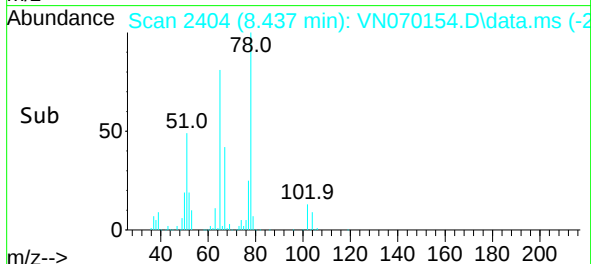
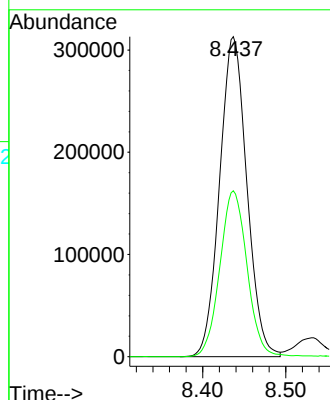
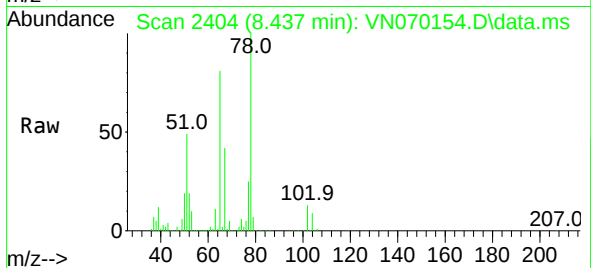
67 51.8 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/18/2021

Supervised By :Mahesh Dadoda 12/23/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070154.D

Acq: 17 Dec 2021 9:56

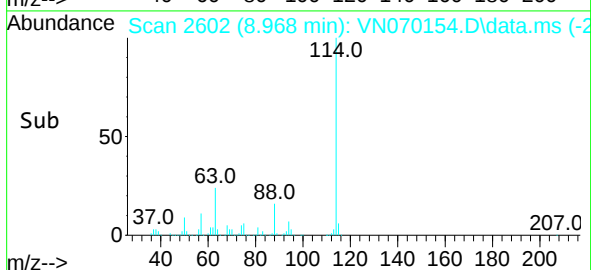
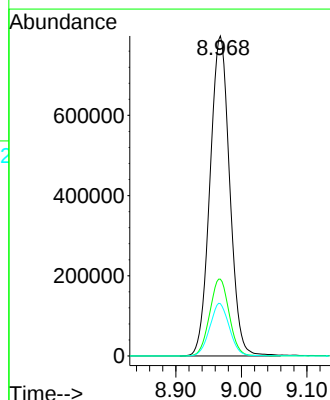
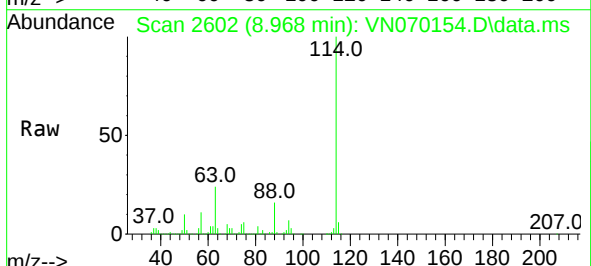
Tgt Ion:114 Resp: 1663895

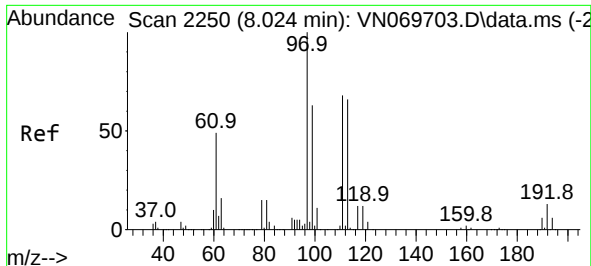
Ion Ratio Lower Upper

114 100

63 24.0 0.0 37.8

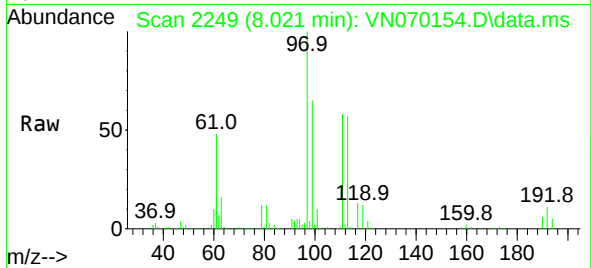
88 16.4 0.0 27.4





#35
Dibromofluoromethane
Concen: 47.417 ug/l
RT: 8.021 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

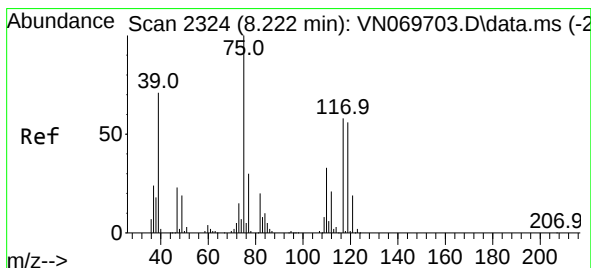
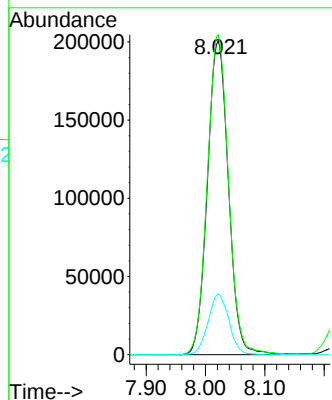
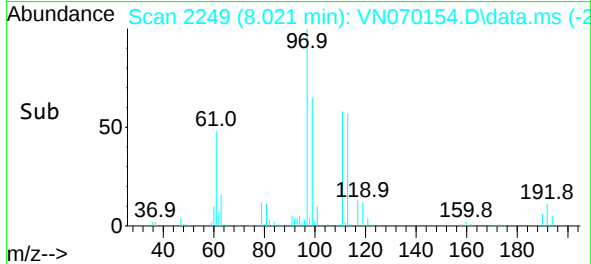
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



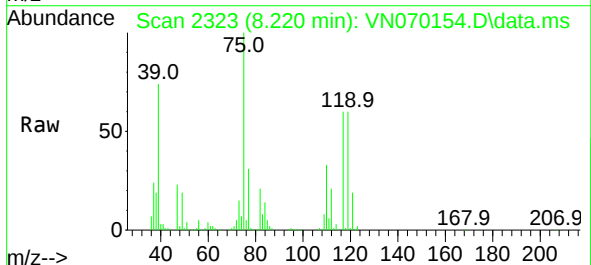
Tgt Ion: 113 Resp: 494194
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 19.1 16.9 25.3

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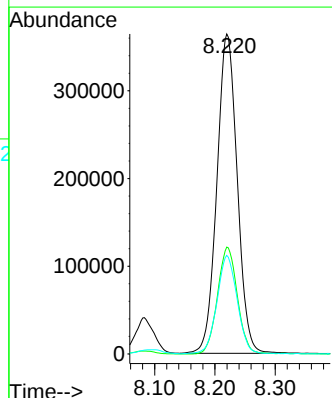
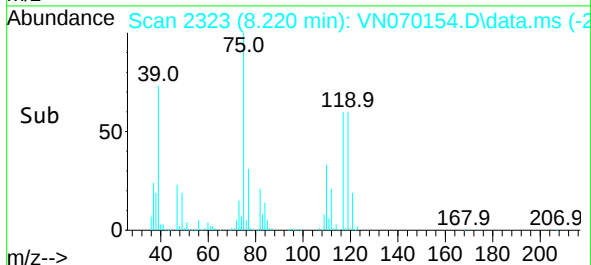
Reviewed By : John Carlone 12/18/2021
Supervised By : Mahesh Dadoda 12/23/2021

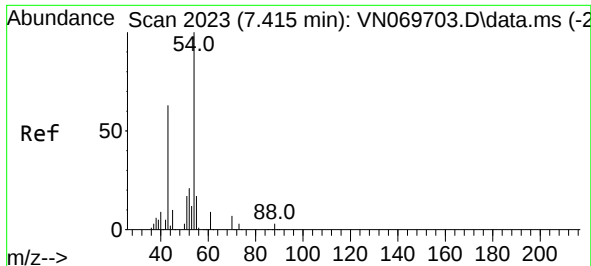


#36
1,1-Dichloropropene
Concen: 53.854 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56



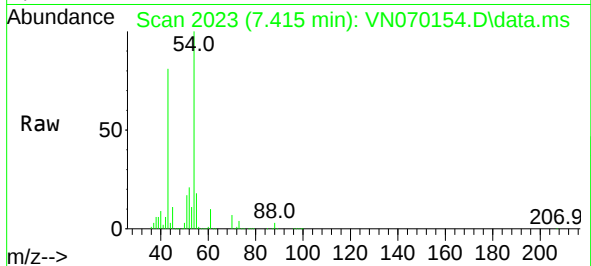
Tgt Ion: 75 Resp: 853034
Ion Ratio Lower Upper
75 100
110 32.8 18.4 55.2
77 30.5 24.4 36.6





#37
Ethyl Acetate
Concen: 50.723 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

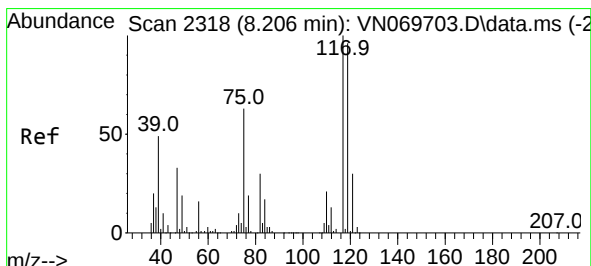
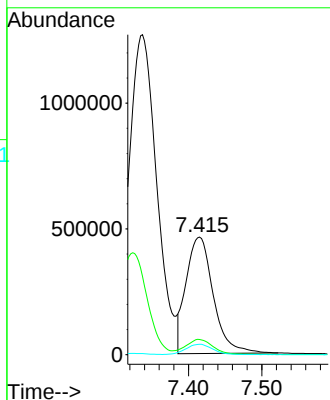
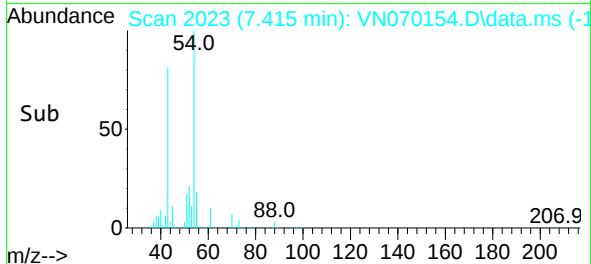
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 119581
Ion Ratio Lower Upper
43 100
61 13.3 11.5 17.3
70 8.7 7.9 11.9

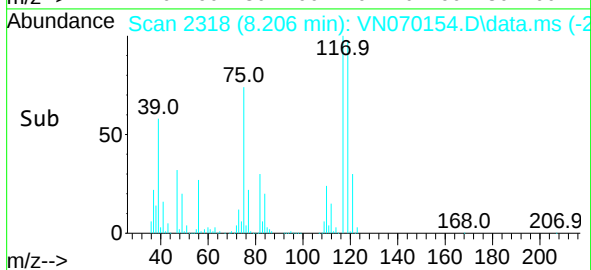
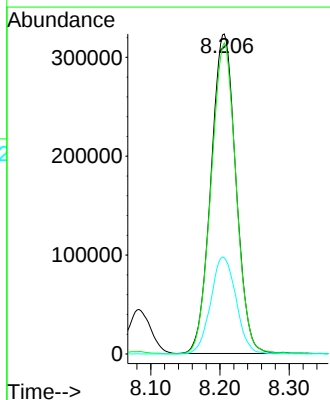
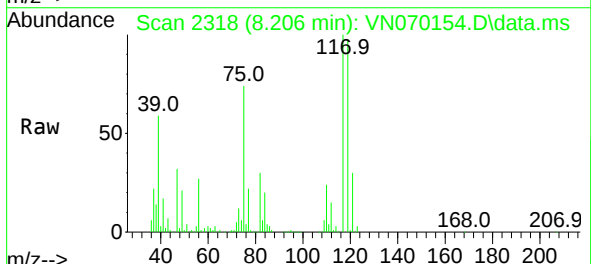
Manual Integrations
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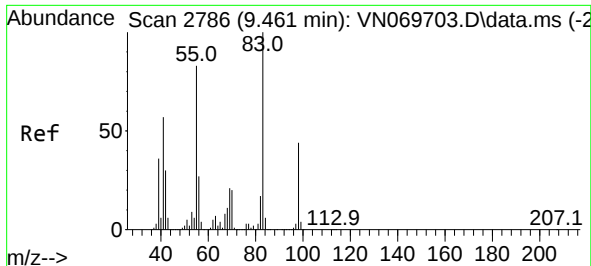
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#38
Carbon Tetrachloride
Concen: 52.028 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

Tgt Ion:117 Resp: 808144
Ion Ratio Lower Upper
117 100
119 97.3 76.1 114.1
121 30.1 24.2 36.2





#39

Methylcyclohexane

Concen: 54.752 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070154.D

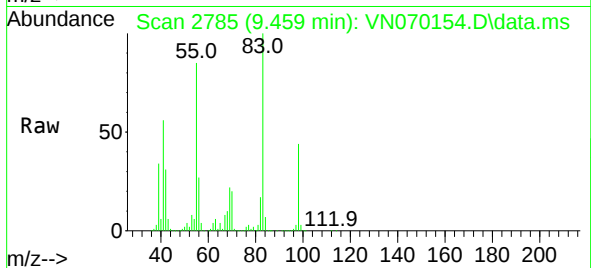
Acq: 17 Dec 2021 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 83 Resp: 103159

Ion Ratio Lower Upper

83 100

55 85.3 58.1 87.1

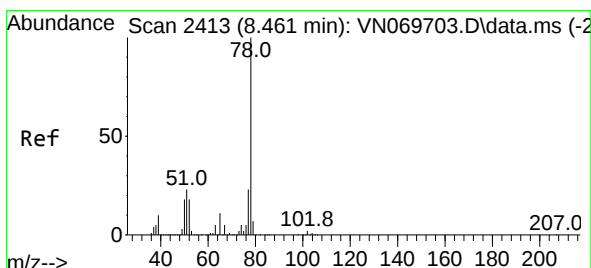
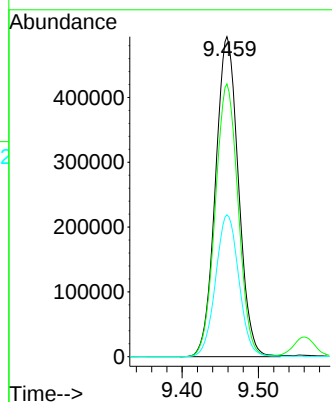
98 44.4 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/18/2021

Supervised By :Mahesh Dadoda 12/23/2021



#40

Benzene

Concen: 53.420 ug/l

RT: 8.458 min Scan# 2412

Delta R.T. -0.003 min

Lab File: VN070154.D

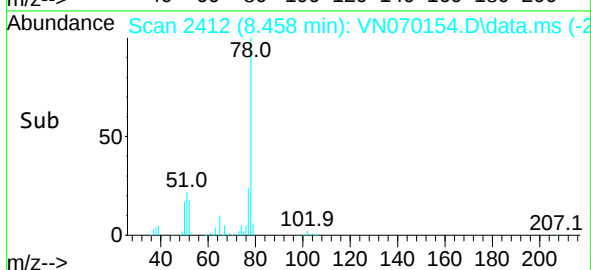
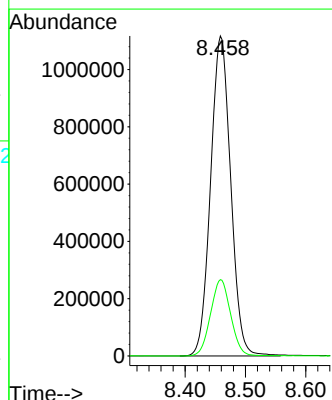
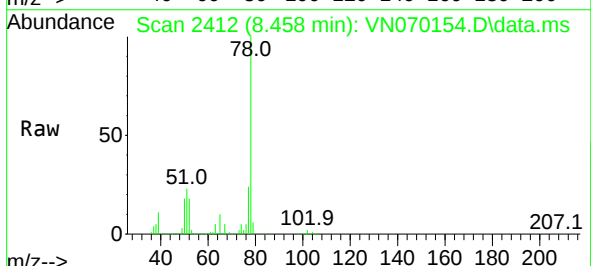
Acq: 17 Dec 2021 9:56

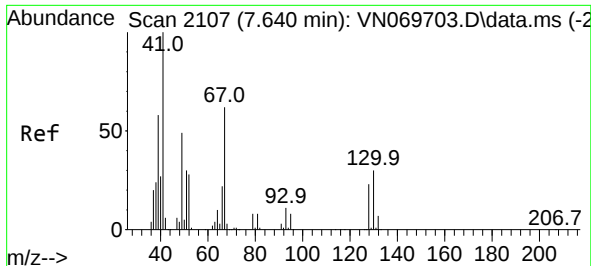
Tgt Ion: 78 Resp: 2586404

Ion Ratio Lower Upper

78 100

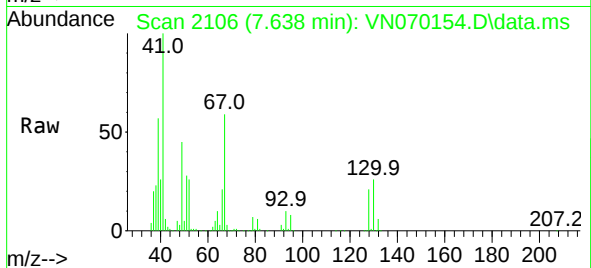
77 23.8 18.6 27.8





#41
Methacrylonitrile
Concen: 55.801 ug/l
RT: 7.638 min Scan# 2107
Delta R.T. -0.002 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

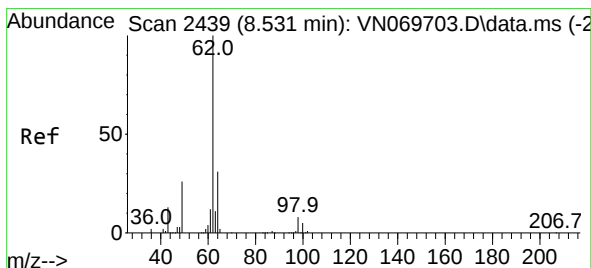
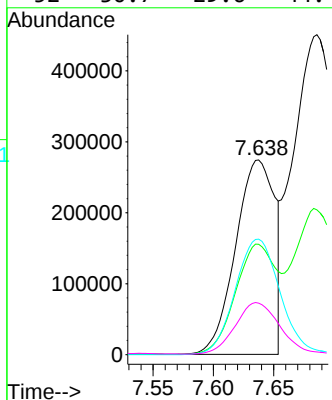
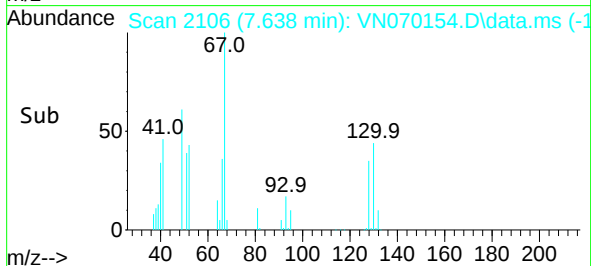
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 617558
Ion Ratio Lower Upper
41 100
39 59.3 48.1 72.1
67 68.8 68.3 102.5
52 30.7 29.6 44.4

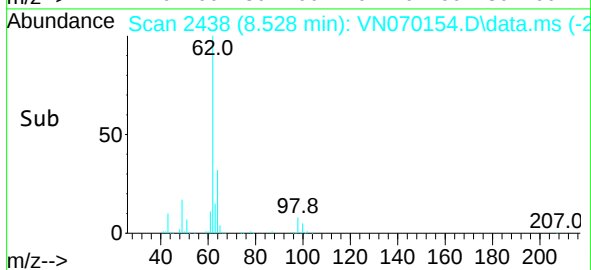
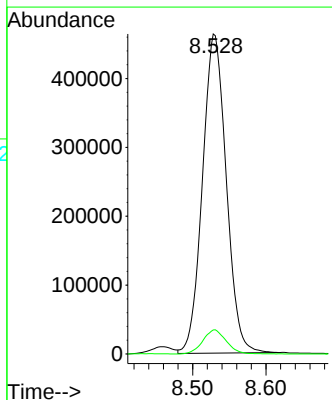
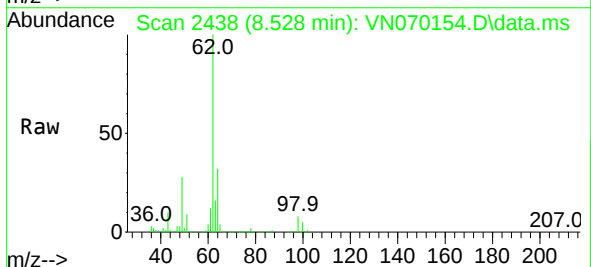
Manual Integrations
APPROVED

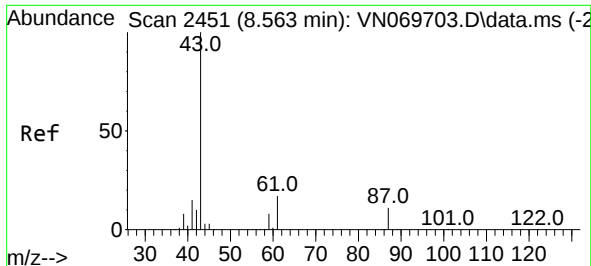
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#42
1,2-Dichloroethane
Concen: 53.421 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. -0.003 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

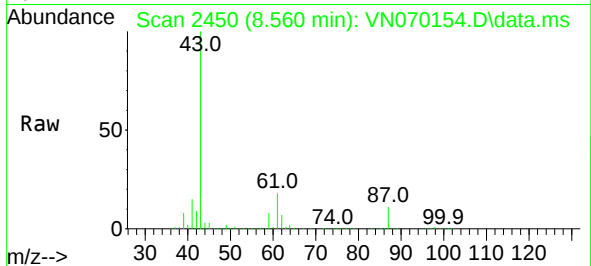
Tgt Ion: 62 Resp: 1044086
Ion Ratio Lower Upper
62 100
98 7.5 0.0 17.6





#43
Isopropyl Acetate
Concen: 55.369 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

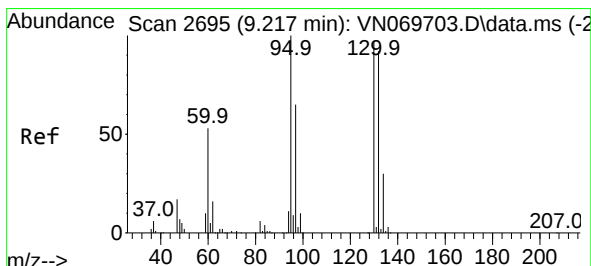
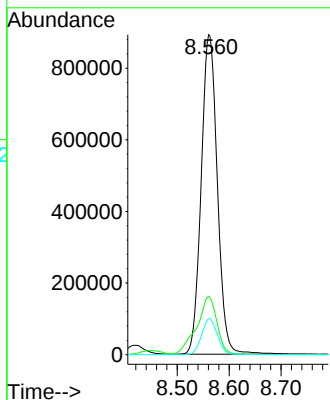
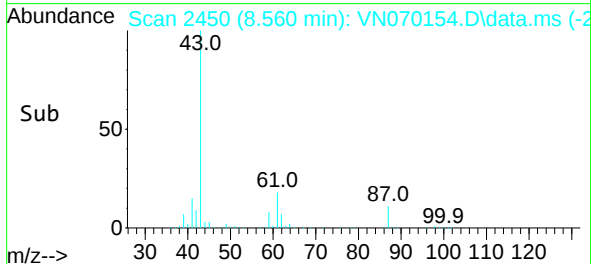
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



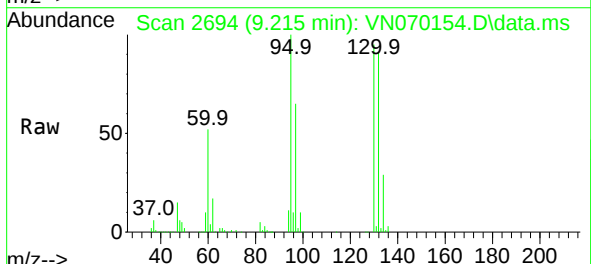
Tgt Ion: 43 Resp: 1931694
Ion Ratio Lower Upper
43 100
61 22.5 20.4 30.6
87 11.0 11.2 16.8

Manual Integrations
APPROVED

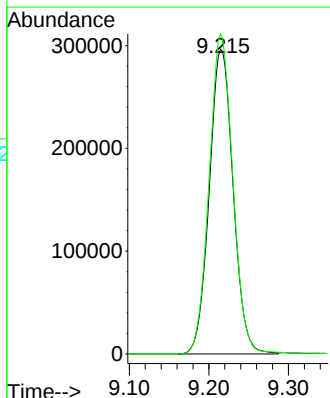
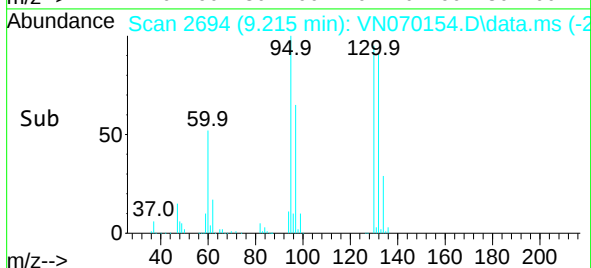
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

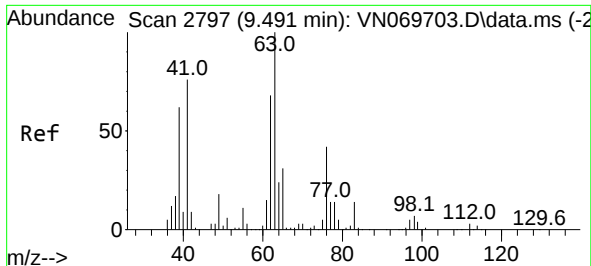


#44
Trichloroethene
Concen: 53.470 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.002 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56



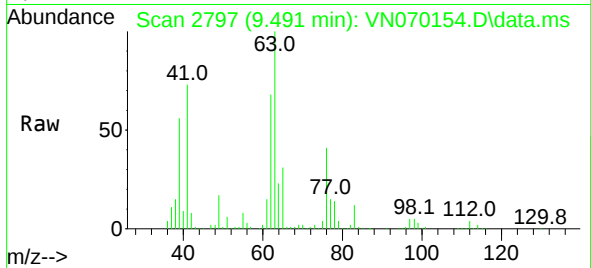
Tgt Ion:130 Resp: 617893
Ion Ratio Lower Upper
130 100
95 105.0 0.0 191.2





#45
1,2-Dichloropropane
Concen: 55.831 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

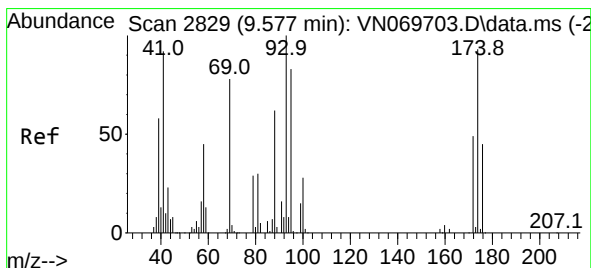
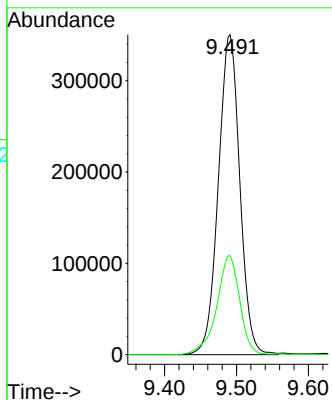
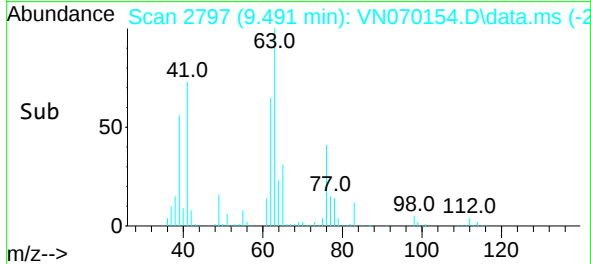
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



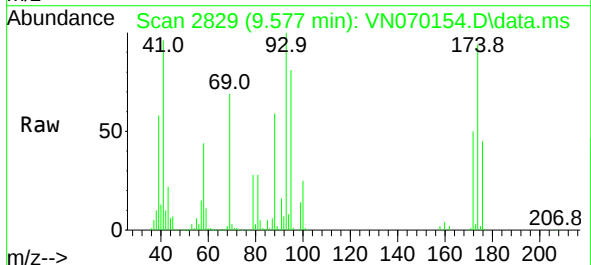
Tgt Ion: 63 Resp: 72589
Ion Ratio Lower Upper
63 100
65 30.9 24.7 37.1

Manual Integrations
APPROVED

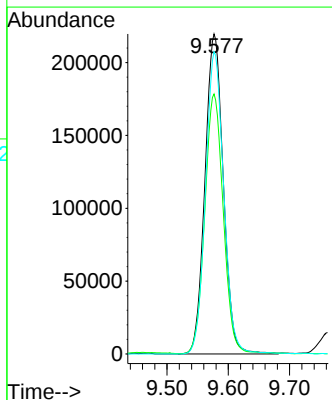
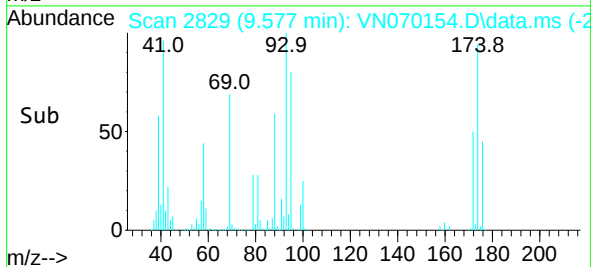
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

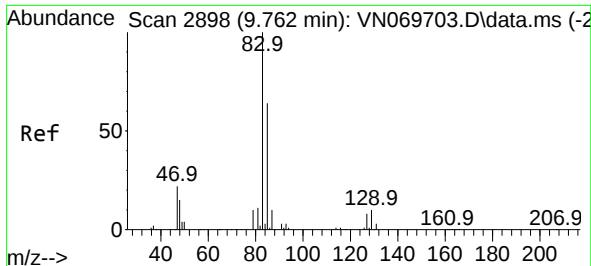


#46
Dibromomethane
Concen: 53.736 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56



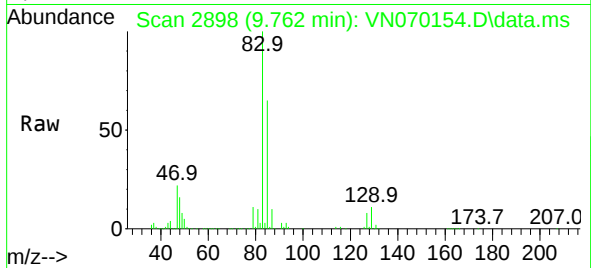
Tgt Ion: 93 Resp: 458192
Ion Ratio Lower Upper
93 100
95 81.5 65.9 98.9
174 93.9 84.6 127.0





#47
Bromodichloromethane
Concen: 57.535 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

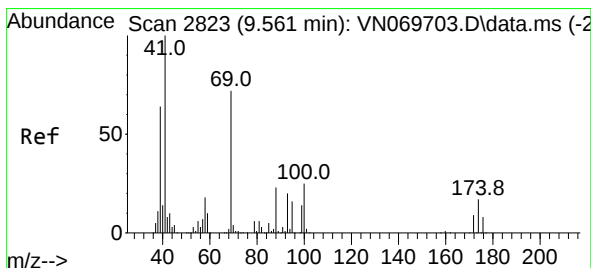
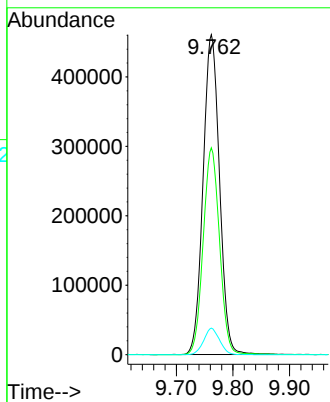
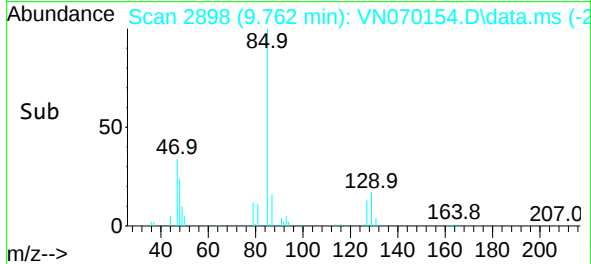
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



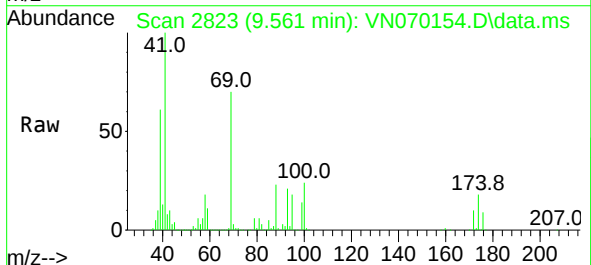
Tgt Ion: 83 Resp: 92885
Ion Ratio Lower Upper
83 100
85 64.7 50.9 76.3
127 8.3 7.1 10.7

Manual Integrations
APPROVED

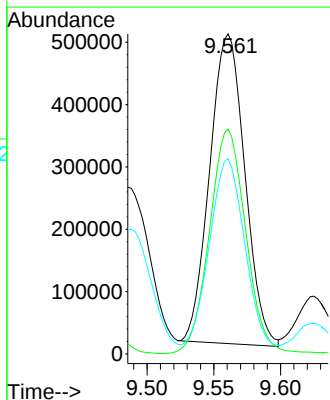
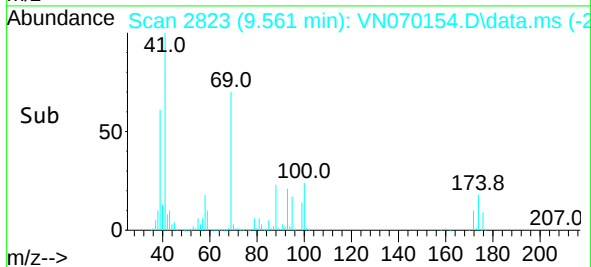
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

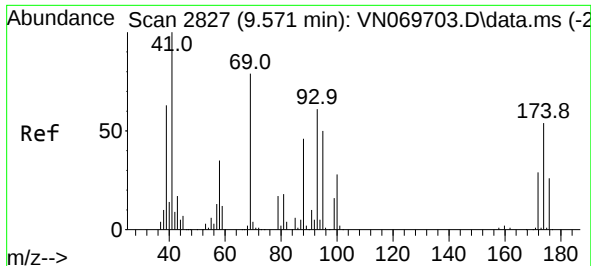


#48
Methyl methacrylate
Concen: 55.786 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56



Tgt Ion: 41 Resp: 908274
Ion Ratio Lower Upper
41 100
69 75.1 72.4 108.6
39 65.0 58.4 87.6





#49

1,4-Dioxane

Concen: 1078.679 ug/l

RT: 9.569 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070154.D

Acq: 17 Dec 2021 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 31512

Ion Ratio Lower Upper

88 100

43 36.7 23.4 35.2

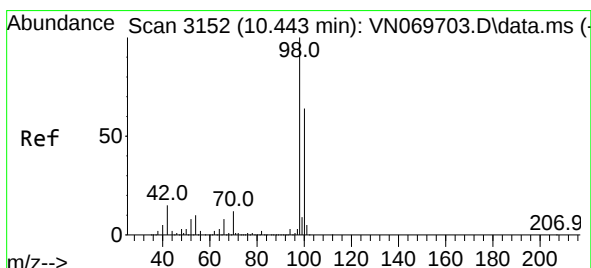
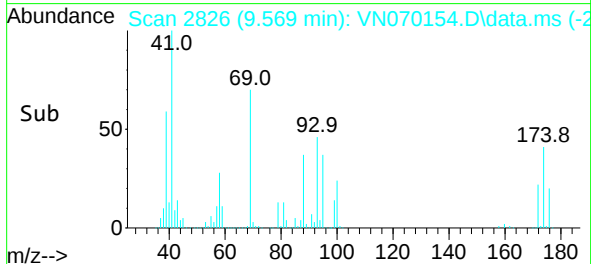
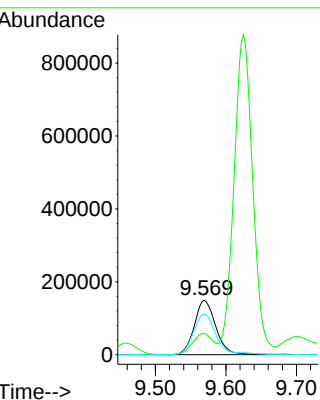
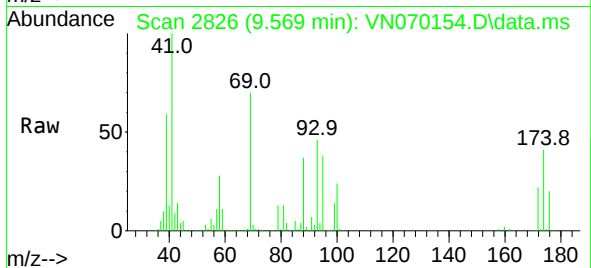
58 76.1 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/18/2021

Supervised By :Mahesh Dadoda 12/23/2021



#50

Toluene-d8

Concen: 46.446 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN070154.D

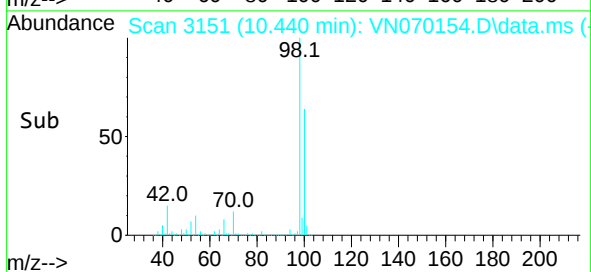
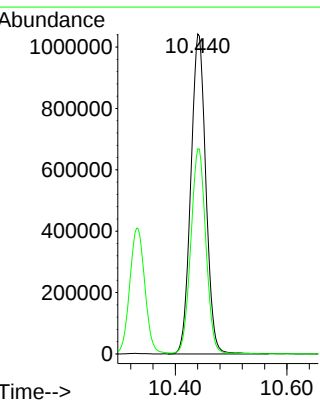
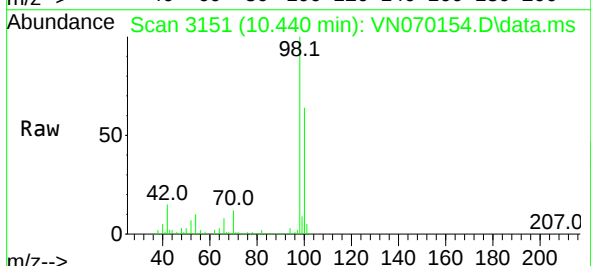
Acq: 17 Dec 2021 9:56

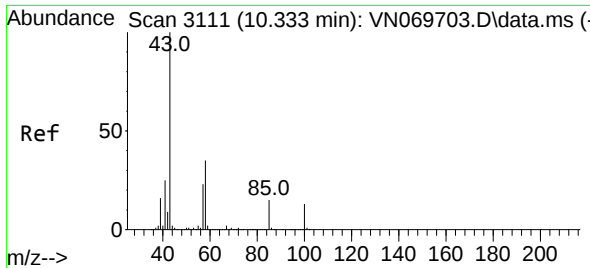
Tgt Ion: 98 Resp: 1943720

Ion Ratio Lower Upper

98 100

100 64.2 50.4 75.6





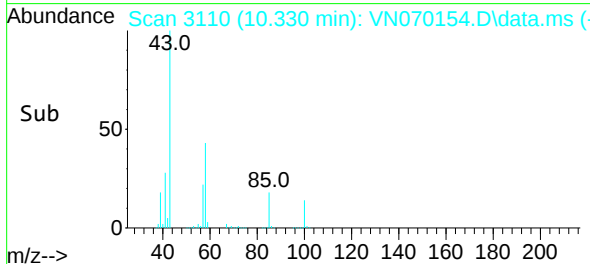
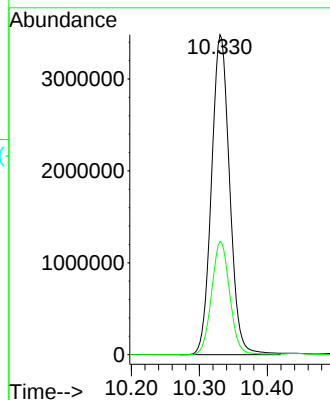
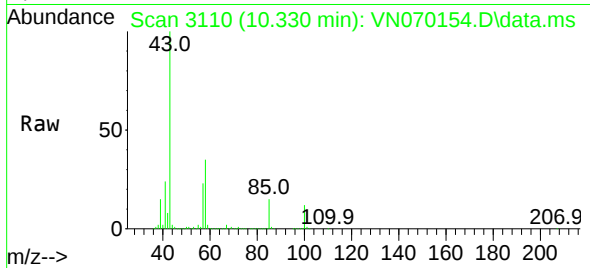
#51
4-Methyl-2-Pentanone
Concen: 285.157 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 645388
Ion Ratio Lower Upper
43 100
58 35.4 30.4 45.6

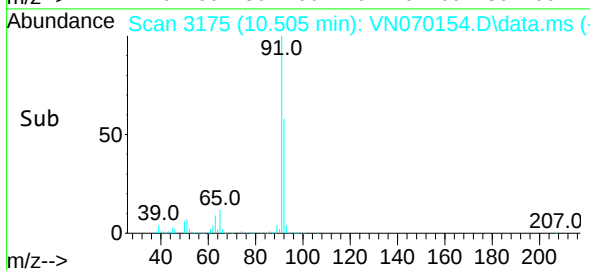
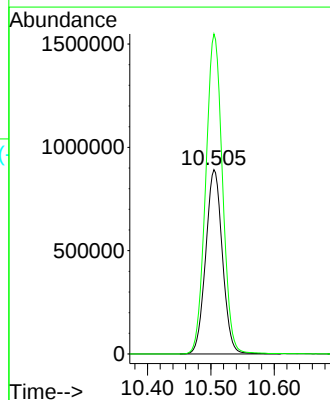
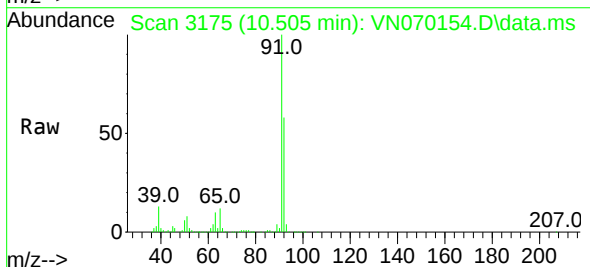
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#52
Toluene
Concen: 55.121 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

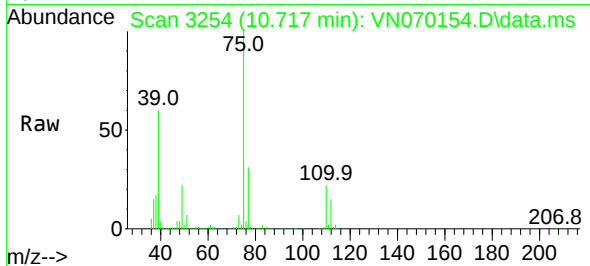
Tgt Ion: 92 Resp: 1629326
Ion Ratio Lower Upper
92 100
91 175.0 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 52.394 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.002 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

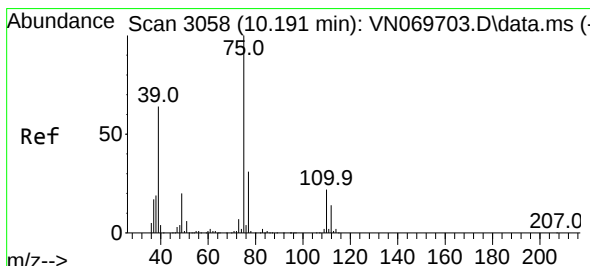
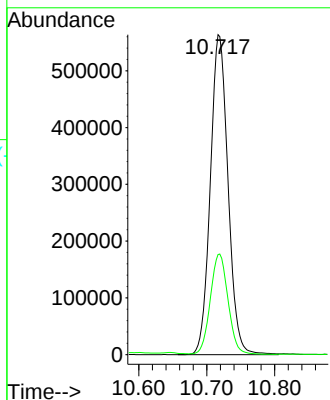
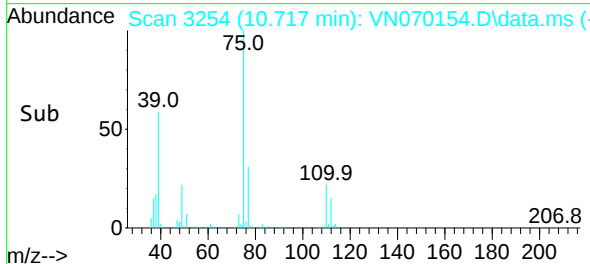
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



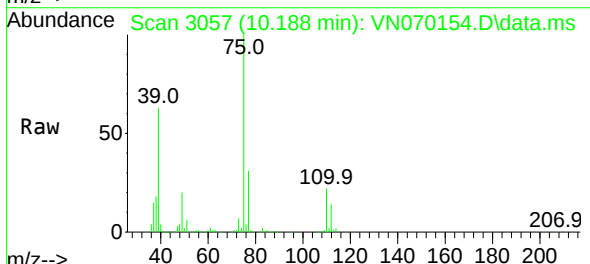
Tgt Ion: 75 Resp: 1020268
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4

Manual Integrations
APPROVED

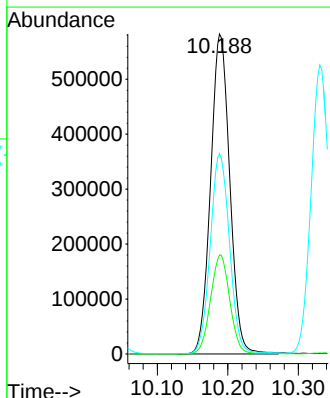
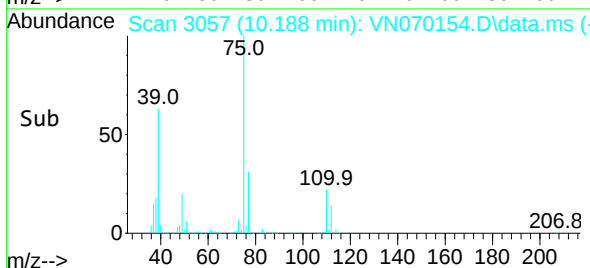
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

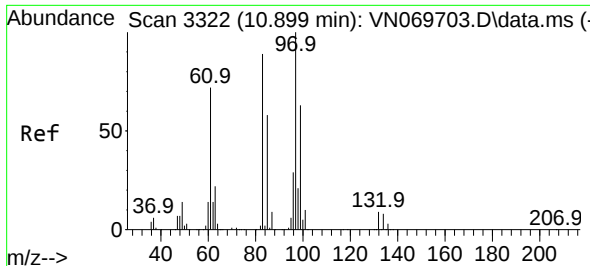


#54
cis-1,3-Dichloropropene
Concen: 53.835 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56



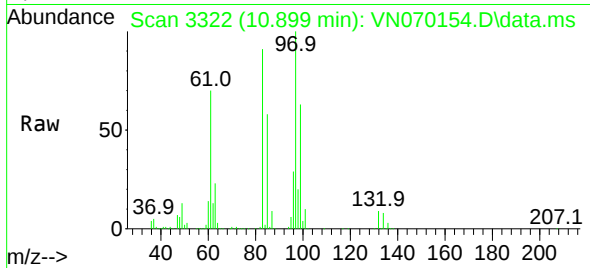
Tgt Ion: 75 Resp: 1100499
Ion Ratio Lower Upper
75 100
77 30.9 26.4 39.6
39 62.6 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 55.412 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

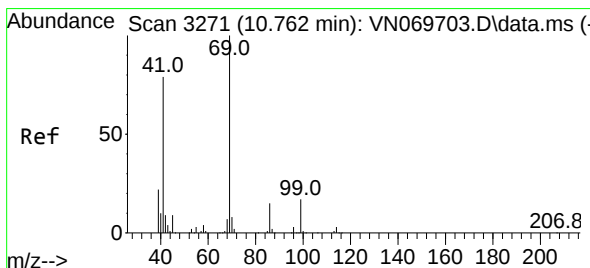
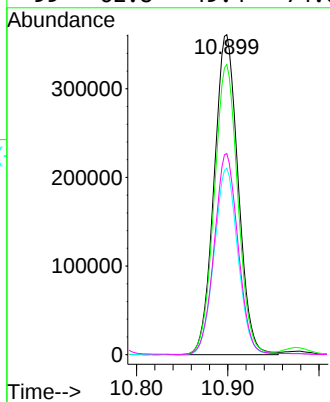
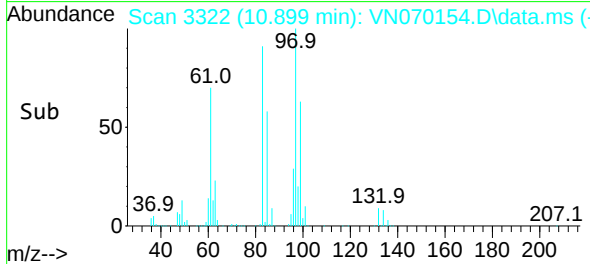
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



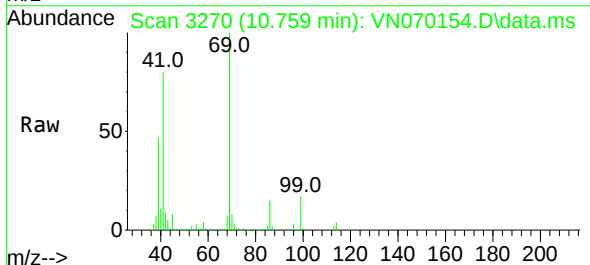
Tgt Ion: 97 Resp: 66086
Ion Ratio Lower Upper
97 100
83 90.7 67.8 101.6
85 58.2 45.4 68.2
99 62.8 49.4 74.0

Manual Integrations
APPROVED

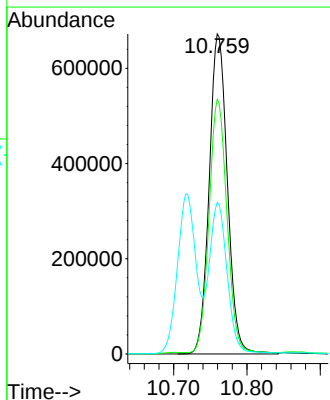
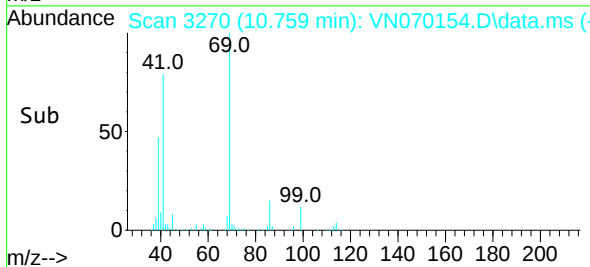
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#56
Ethyl methacrylate
Concen: 51.409 ug/l
RT: 10.759 min Scan# 3270
Delta R.T. -0.003 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56



Tgt Ion: 69 Resp: 1158390
Ion Ratio Lower Upper
69 100
41 77.8 51.4 77.0#
39 45.6 34.6 52.0





#57

1,3-Dichloropropane

Concen: 55.818 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070154.D

Acq: 17 Dec 2021 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 117216

Ion Ratio Lower Upper

76 100

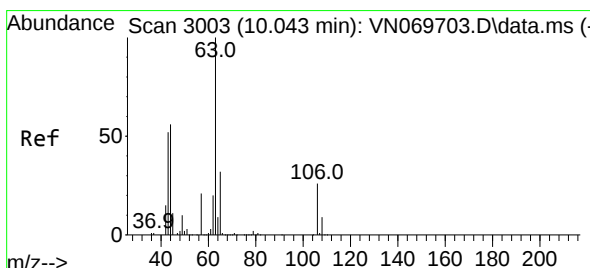
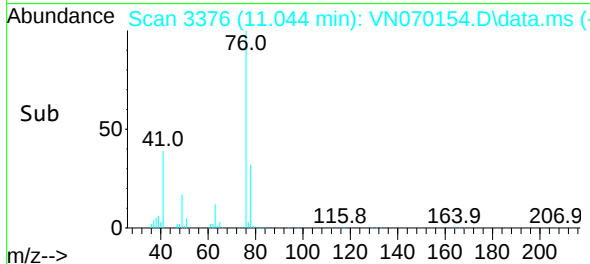
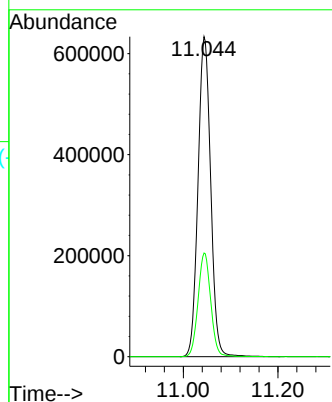
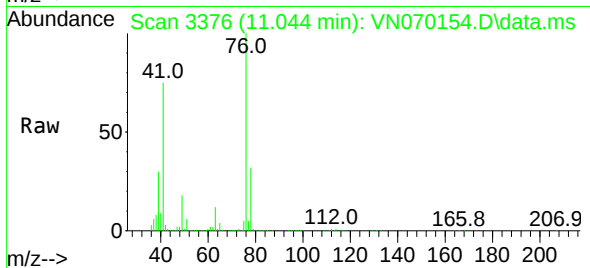
78 32.3 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/18/2021

Supervised By :Mahesh Dadoda 12/23/2021



#58

2-Chloroethyl Vinyl ether

Concen: 298.391 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN070154.D

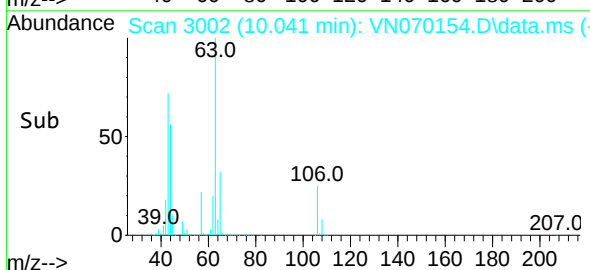
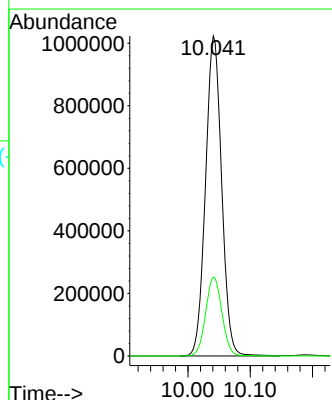
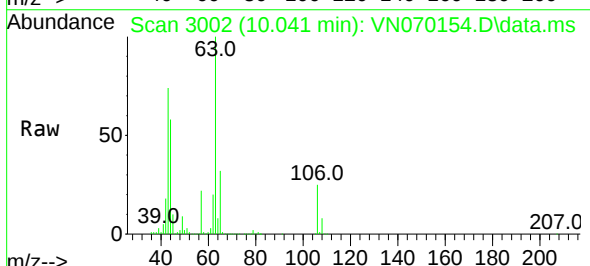
Acq: 17 Dec 2021 9:56

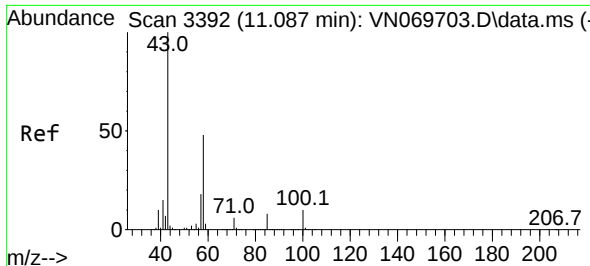
Tgt Ion: 63 Resp: 1836647

Ion Ratio Lower Upper

63 100

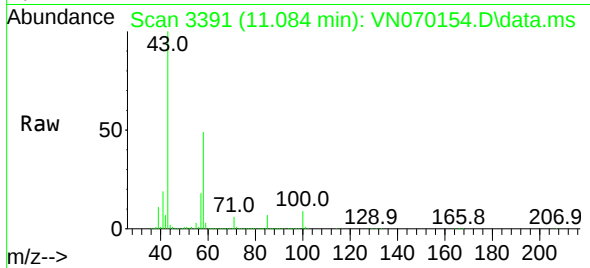
106 24.9 23.9 35.9





#59
2-Hexanone
Concen: 284.926 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

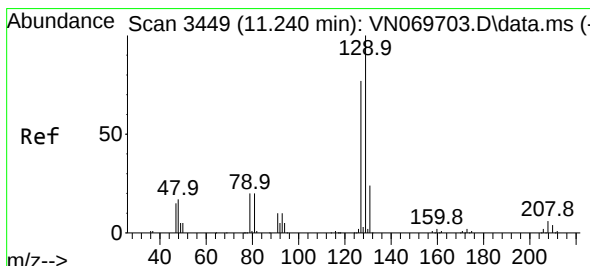
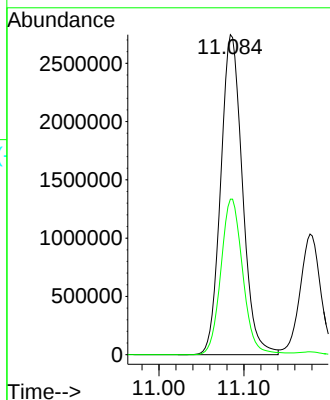
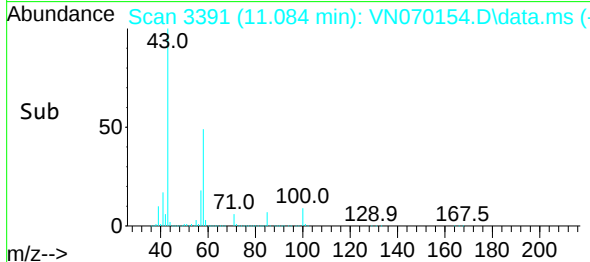
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 487819
Ion Ratio Lower Upper
43 100
58 49.1 26.9 80.7

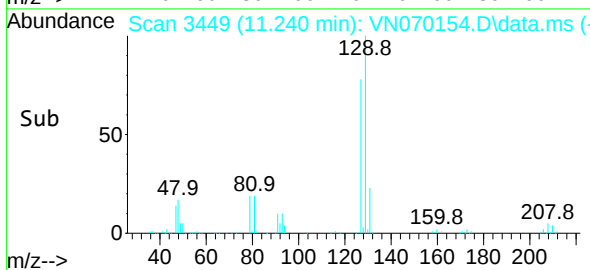
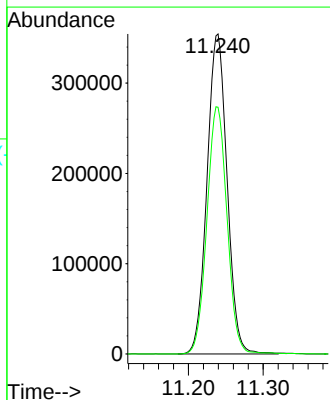
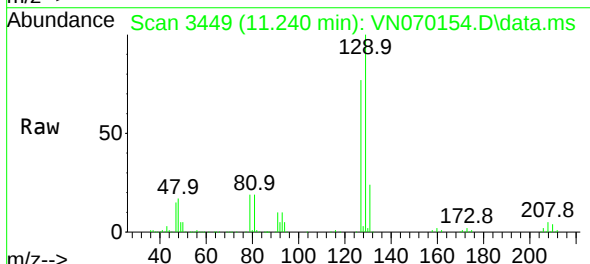
Manual Integrations
APPROVED

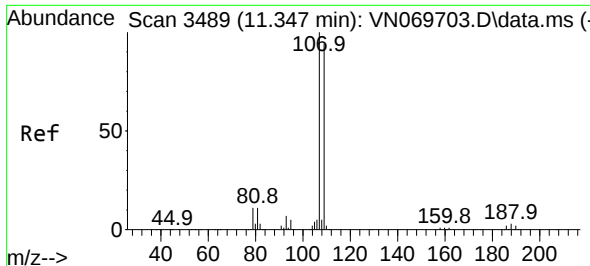
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#60
Dibromochloromethane
Concen: 51.620 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

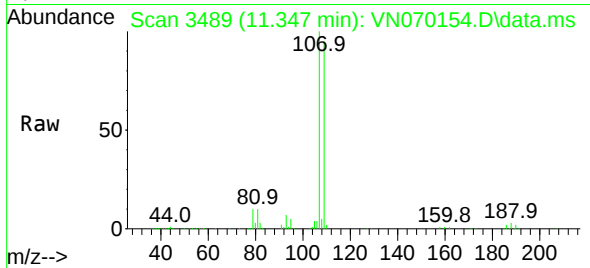
Tgt Ion:129 Resp: 660670
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 55.007 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

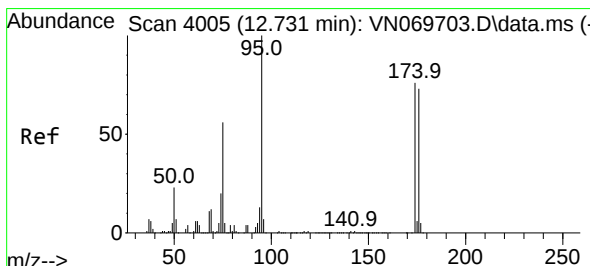
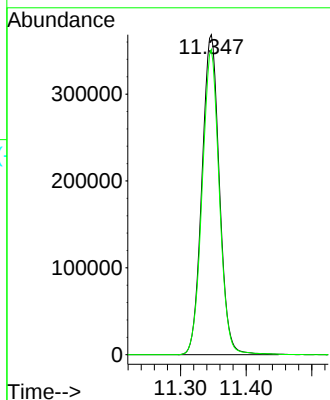
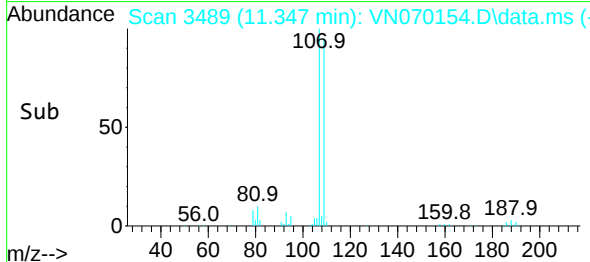
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



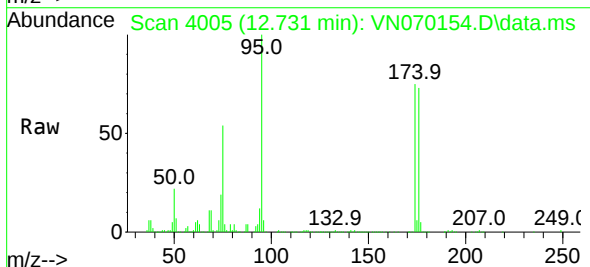
Tgt Ion:107 Resp: 679498
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5

Manual Integrations
APPROVED

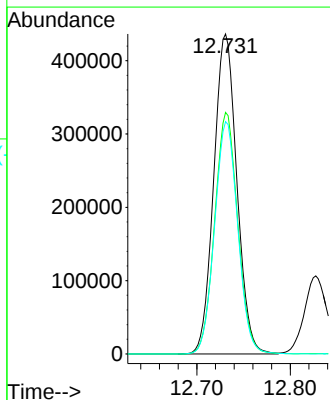
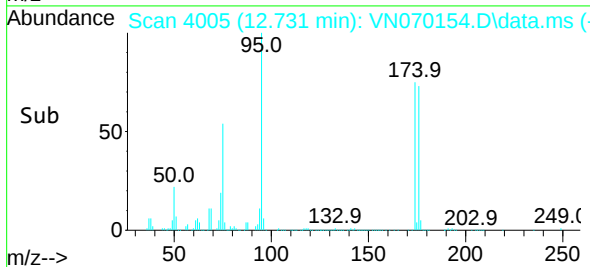
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

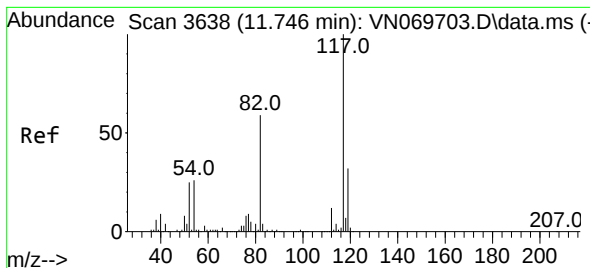


#62
4-Bromofluorobenzene
Concen: 49.442 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56



Tgt Ion: 95 Resp: 749586
Ion Ratio Lower Upper
95 100
174 75.5 0.0 187.2
176 72.8 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.744 min Scan# 3638

Delta R.T. -0.002 min

Lab File: VN070154.D

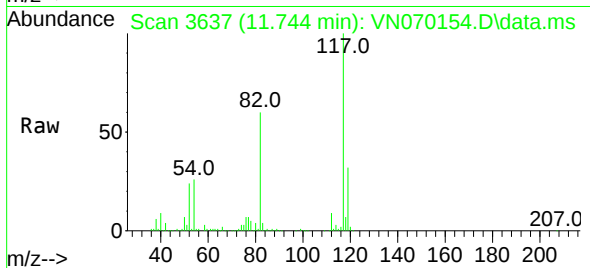
Acq: 17 Dec 2021 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:117 Resp: 158266

Ion Ratio Lower Upper

117 100

82 60.0 42.4 63.6

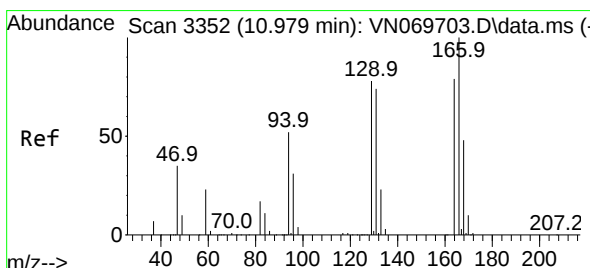
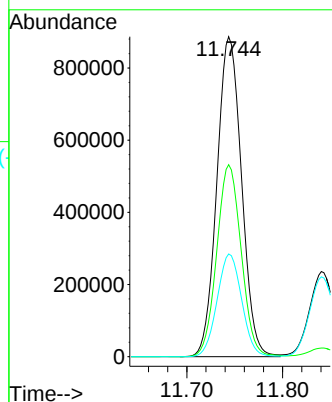
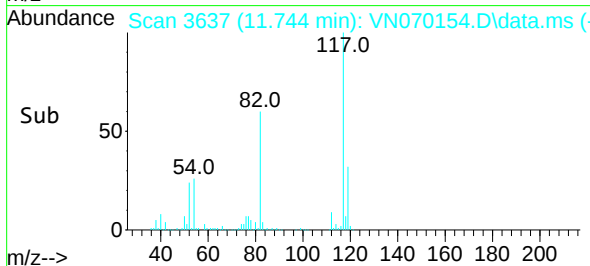
119 32.1 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/18/2021

Supervised By :Mahesh Dadoda 12/23/2021



#64

Tetrachloroethene

Concen: 51.823 ug/l

RT: 10.977 min Scan# 3351

Delta R.T. -0.002 min

Lab File: VN070154.D

Acq: 17 Dec 2021 9:56

Tgt Ion:164 Resp: 556144

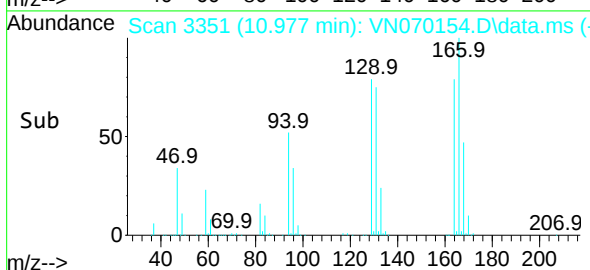
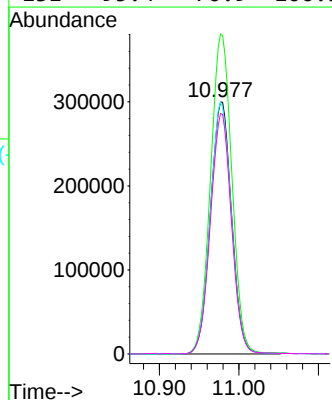
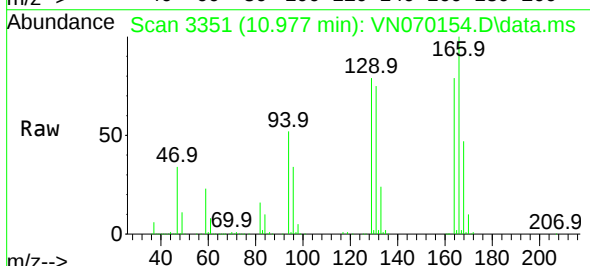
Ion Ratio Lower Upper

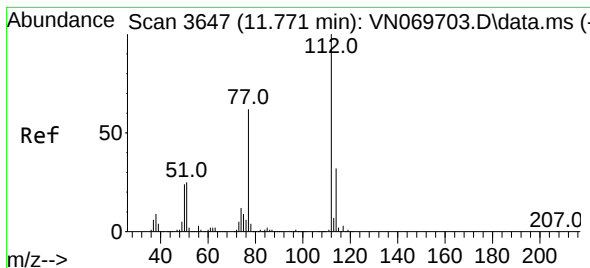
164 100

166 127.0 101.9 152.9

129 99.9 72.0 108.0

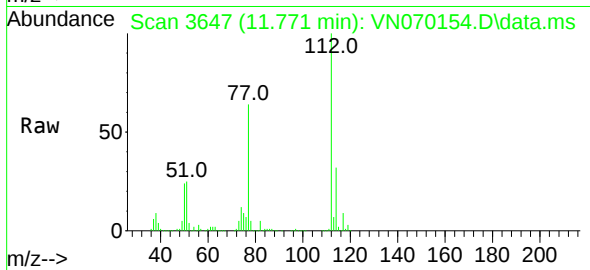
131 95.4 70.9 106.3





#65
Chlorobenzene
Concen: 54.160 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

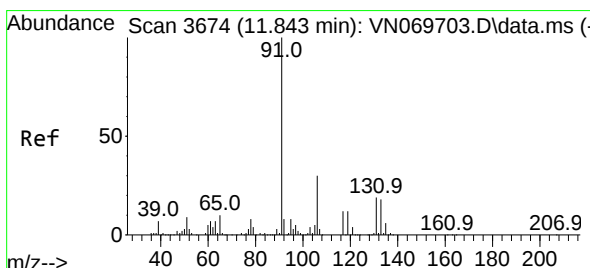
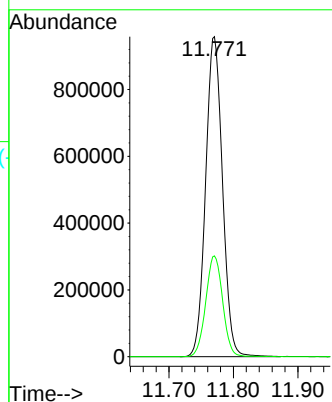
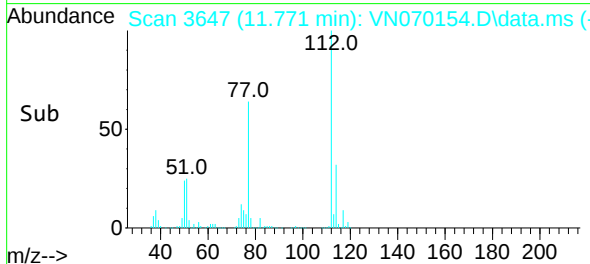
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



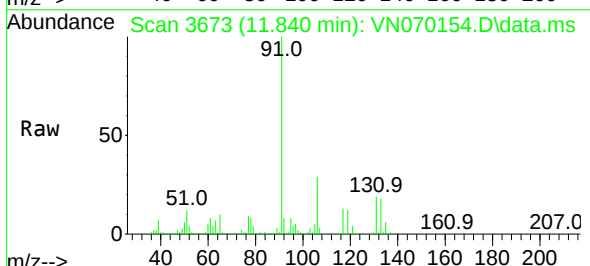
Tgt Ion:112 Resp: 1738920
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.0

Manual Integrations
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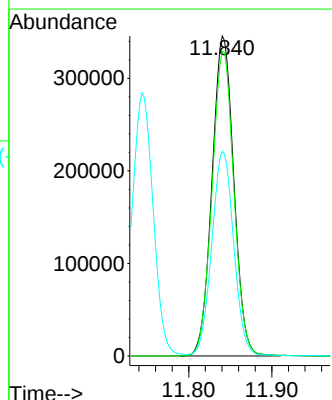
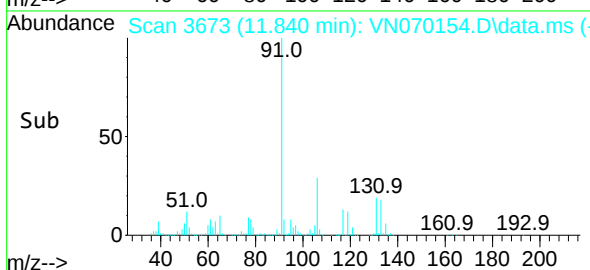
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

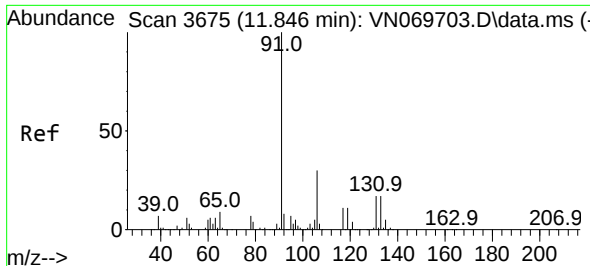


#66
1,1,1,2-Tetrachloroethane
Concen: 55.709 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56



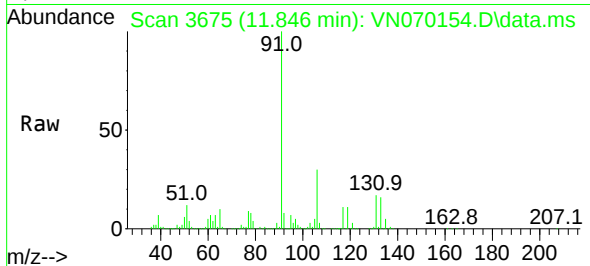
Tgt Ion:131 Resp: 629557
Ion Ratio Lower Upper
131 100
133 95.7 47.9 143.7
119 64.4 32.1 96.5





#67
Ethyl Benzene
Concen: 56.547 ug/l
RT: 11.846 min Scan# 3675
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

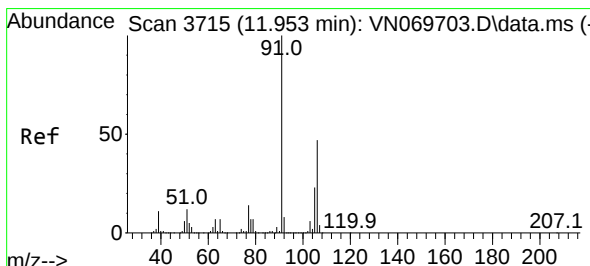
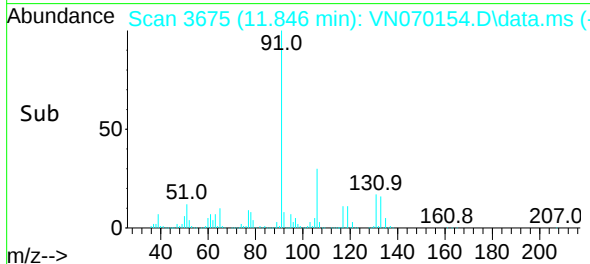
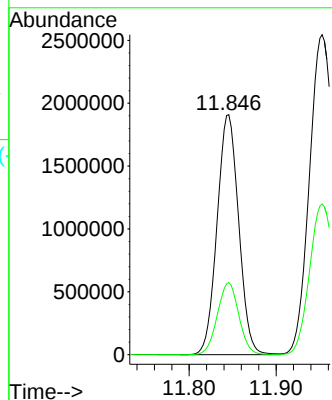
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 329798
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5

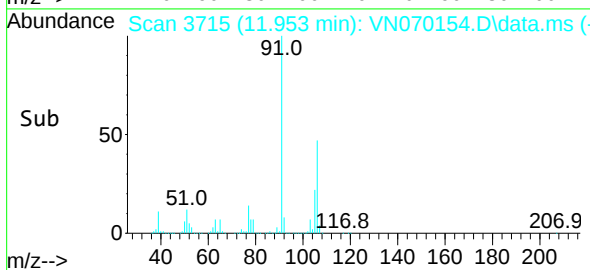
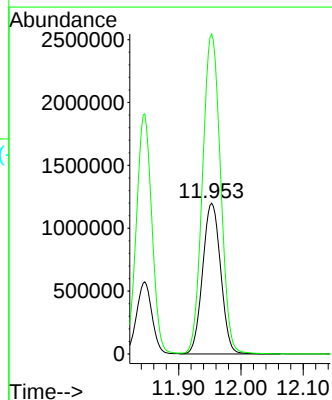
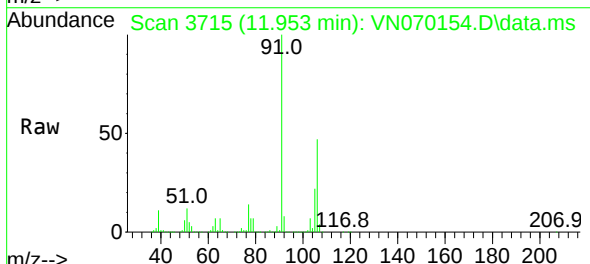
Manual Integrations
APPROVED

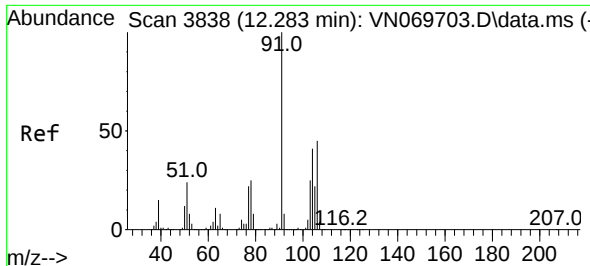
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#68
m/p-Xylenes
Concen: 113.421 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

Tgt Ion:106 Resp: 2408582
Ion Ratio Lower Upper
106 100
91 212.2 160.6 240.8





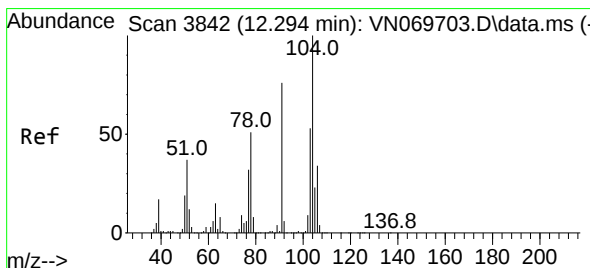
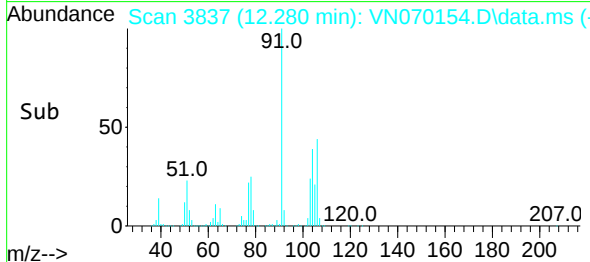
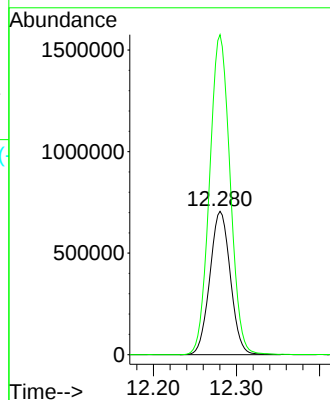
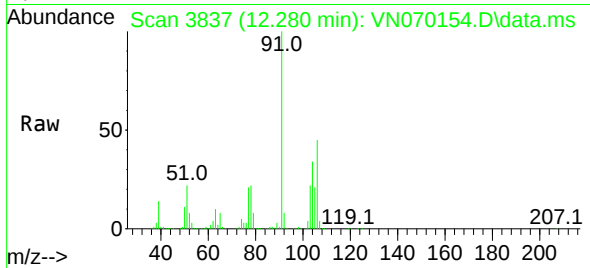
#69
o-Xylene
Concen: 56.594 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 121055
Ion Ratio Lower Upper
106 100
91 223.9 105.8 317.3

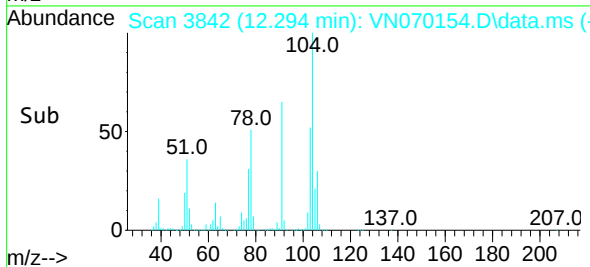
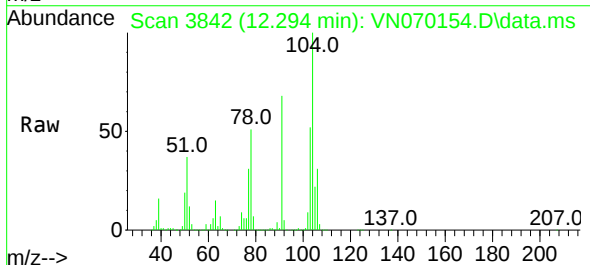
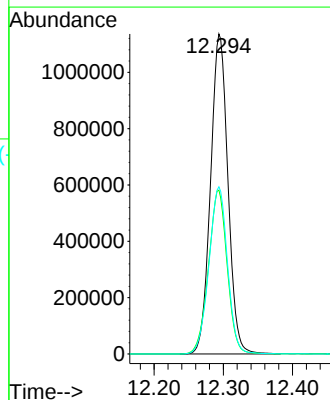
Manual Integrations
APPROVED

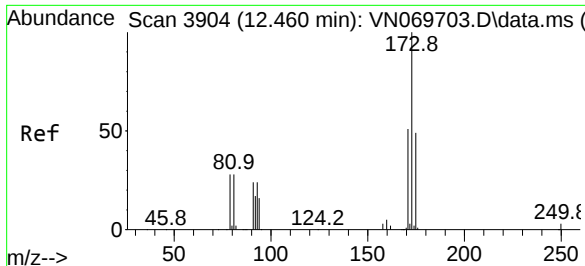
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#70
Styrene
Concen: 58.500 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

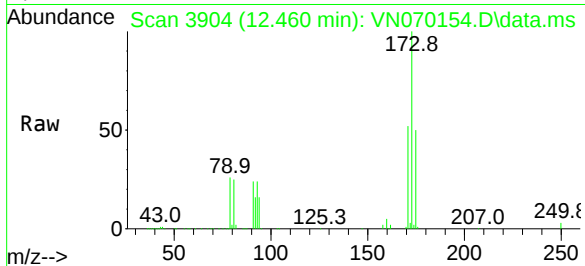
Tgt Ion:104 Resp: 1984230
Ion Ratio Lower Upper
104 100
78 54.9 38.7 58.1
103 55.9 45.0 67.6





#71
Bromoform
Concen: 50.663 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

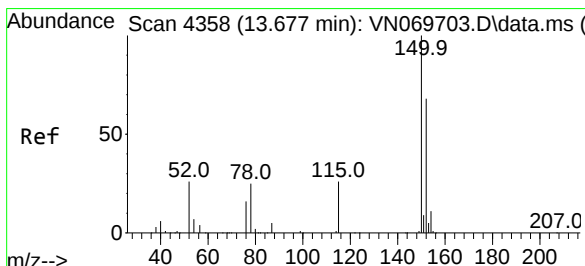
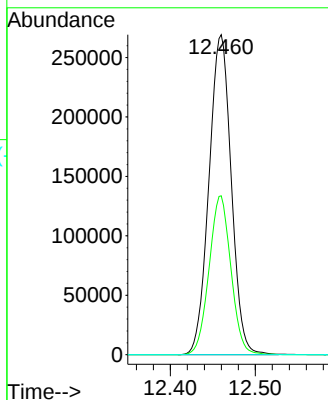
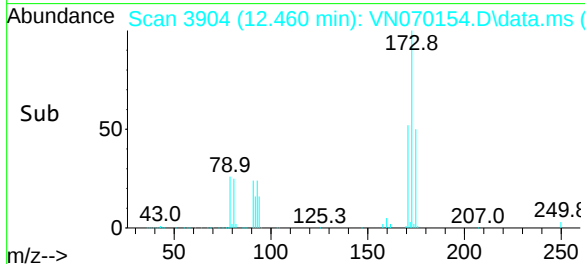
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



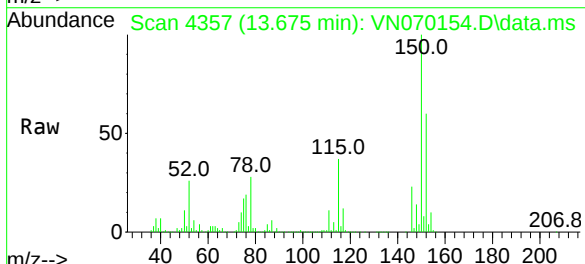
Tgt Ion:173 Resp: 490054
Ion Ratio Lower Upper
173 100
175 48.7 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
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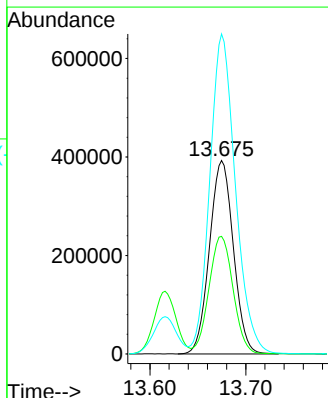
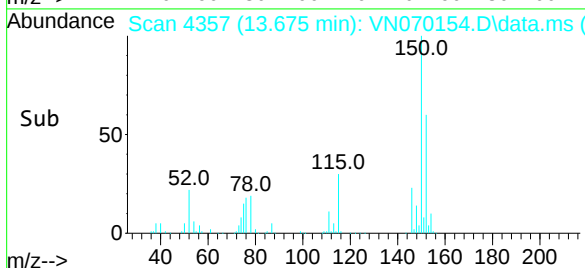
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

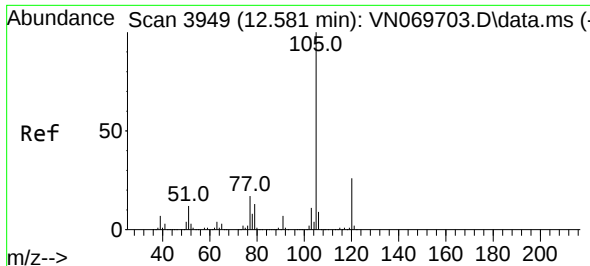


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56



Tgt Ion:152 Resp: 680951
Ion Ratio Lower Upper
152 100
115 61.3 27.5 82.5
150 177.3 0.0 344.4





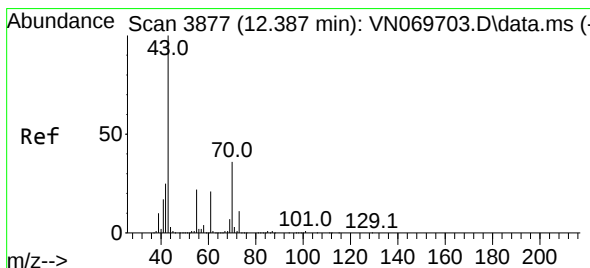
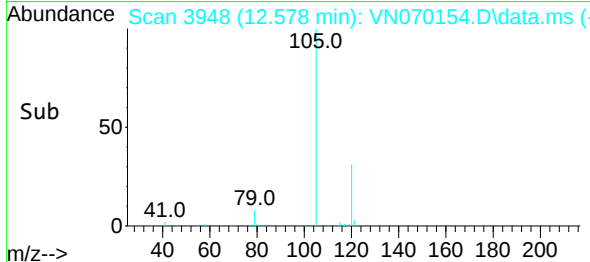
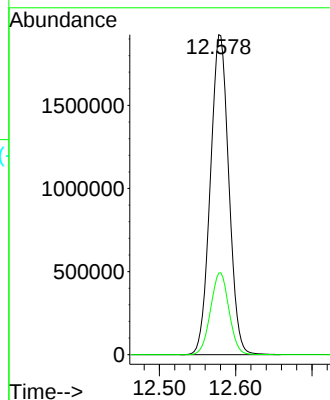
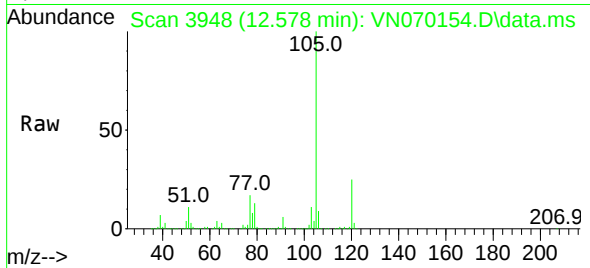
#73
Isopropylbenzene
Concen: 53.343 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:105 Resp: 323182
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

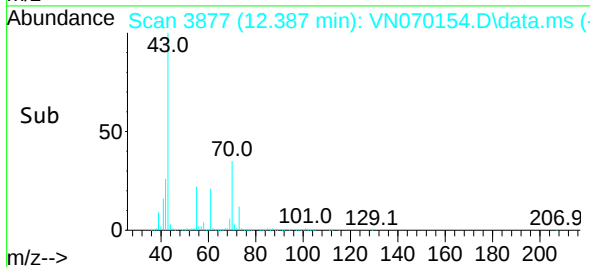
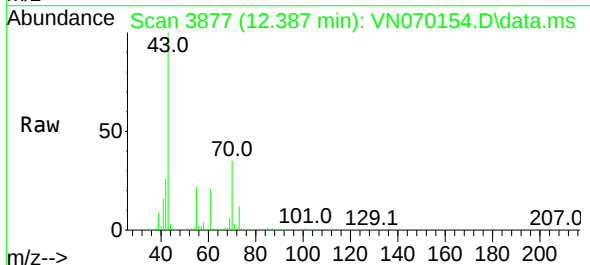
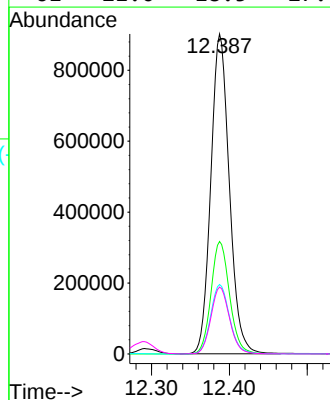
Manual Integrations
APPROVED

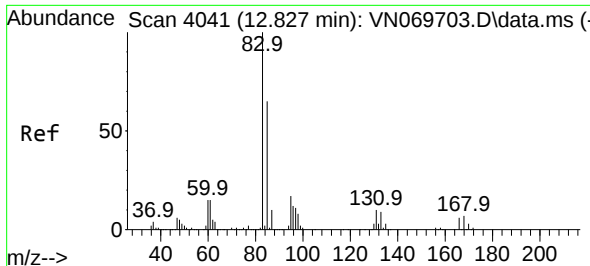
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#74
N-ethyl acetate
Concen: 55.524 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

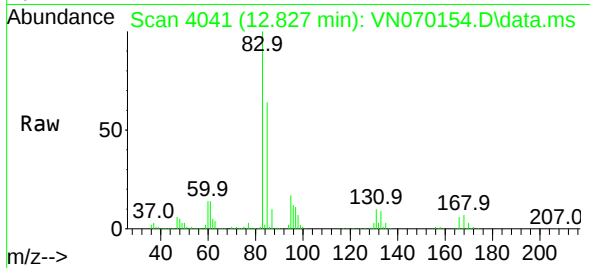
Tgt Ion: 43 Resp: 1487683
Ion Ratio Lower Upper
43 100
70 35.3 33.4 50.0
55 22.3 19.3 28.9
61 21.0 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 51.696 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

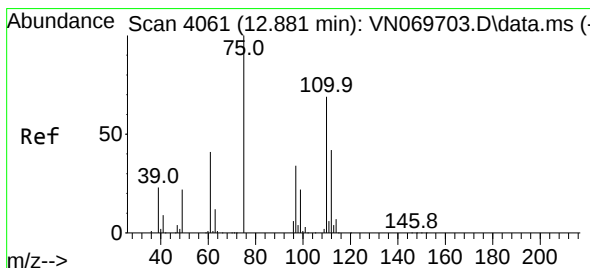
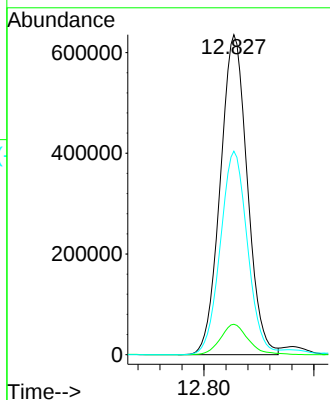
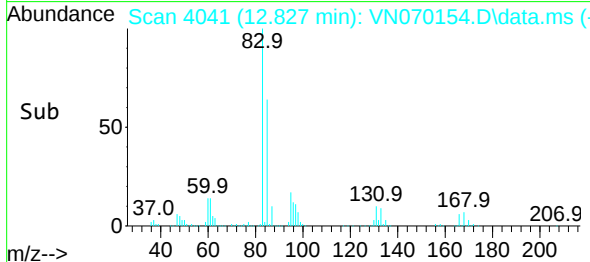
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



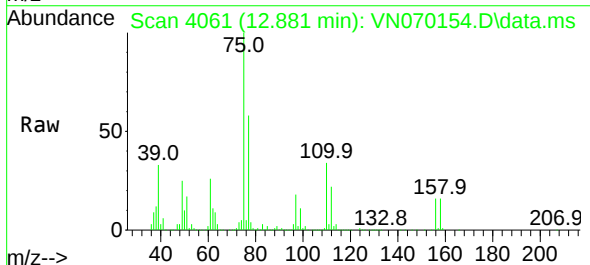
Tgt Ion: 83 Resp: 108306
Ion Ratio Lower Upper
83 100
131 9.8 5.5 16.5
85 63.9 32.4 97.2

Manual Integrations
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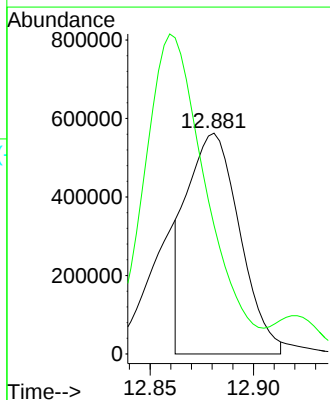
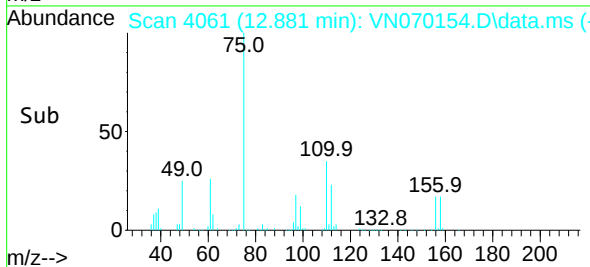
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

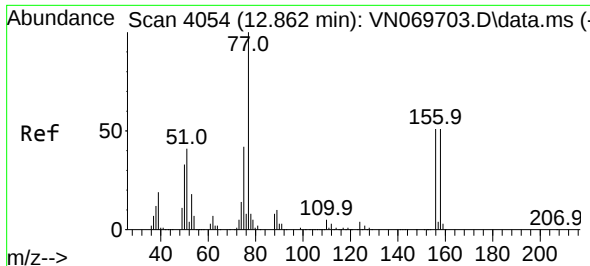


#76
1,2,3-Trichloropropane
Concen: 50.935 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56



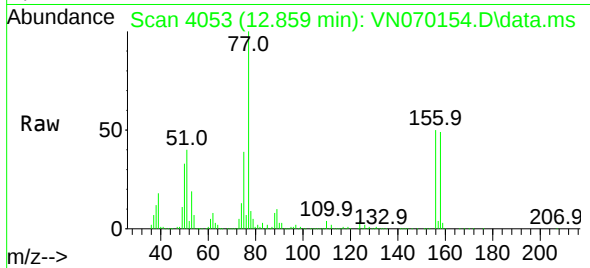
Tgt Ion: 75 Resp: 994666
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 51.483 ug/l
RT: 12.859 min Scan# 4053
Delta R.T. -0.003 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

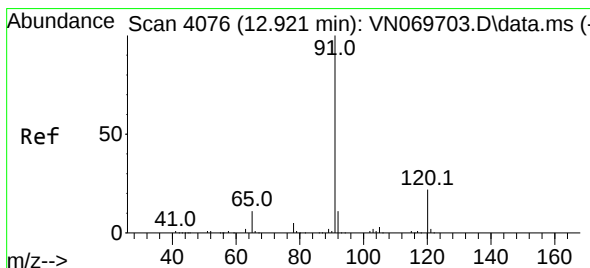
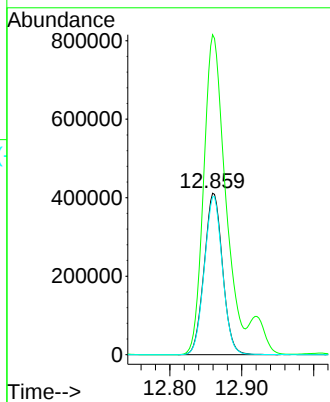
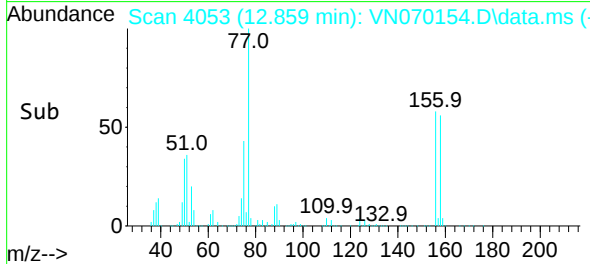
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:156 Resp: 732643
Ion Ratio Lower Upper
156 100
77 233.0 90.6 271.8
158 97.0 48.9 146.7

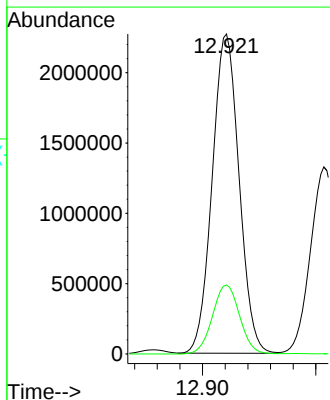
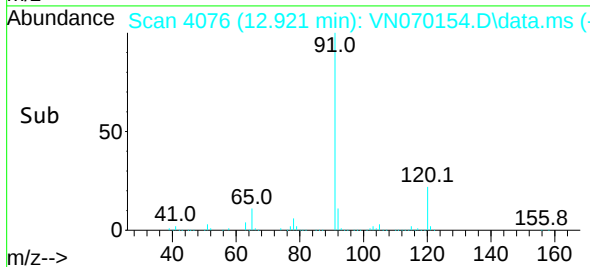
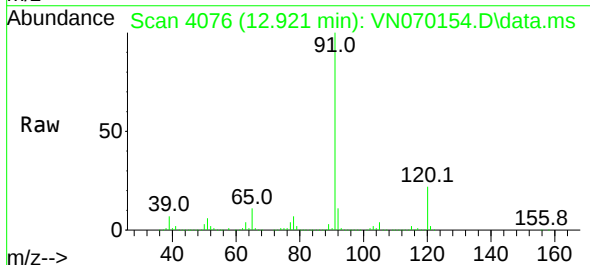
Manual Integrations
APPROVED

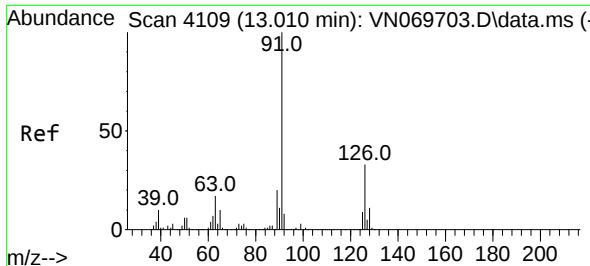
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#78
n-propylbenzene
Concen: 55.345 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

Tgt Ion: 91 Resp: 3731276
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





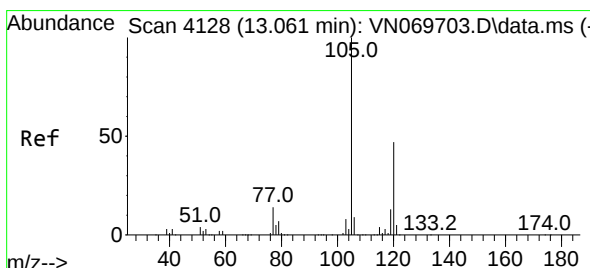
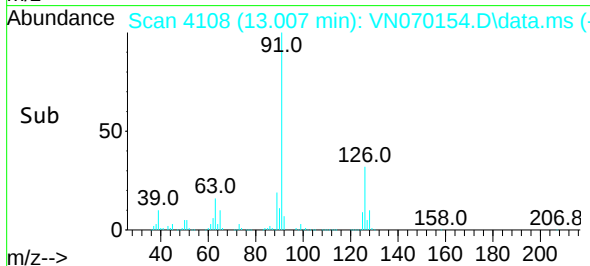
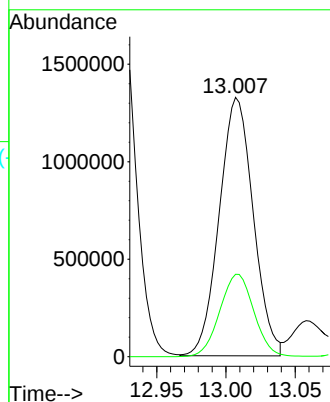
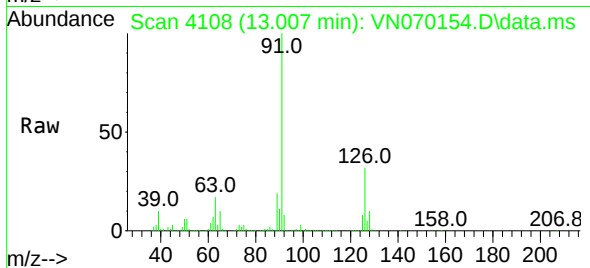
#79
2-Chlorotoluene
Concen: 53.228 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 2267509
Ion Ratio Lower Upper
91 100
126 32.0 18.3 54.8

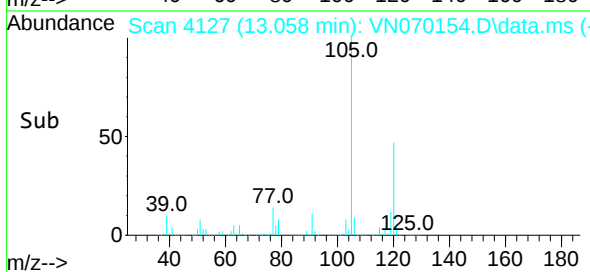
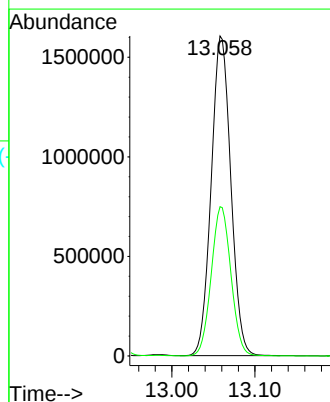
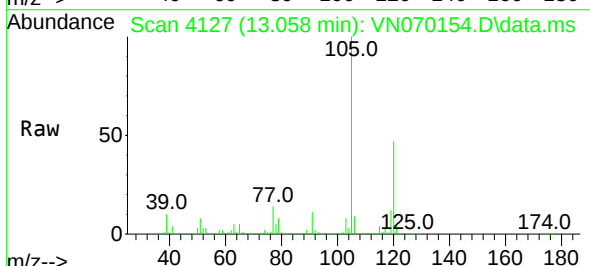
Manual Integrations
APPROVED

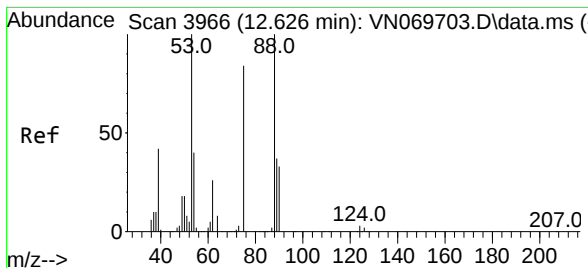
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#80
1,3,5-Trimethylbenzene
Concen: 53.948 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

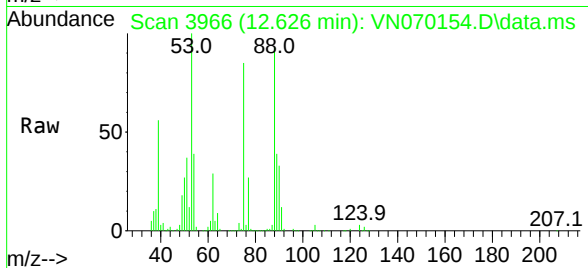
Tgt Ion:105 Resp: 2630740
Ion Ratio Lower Upper
105 100
120 46.9 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 51.741 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

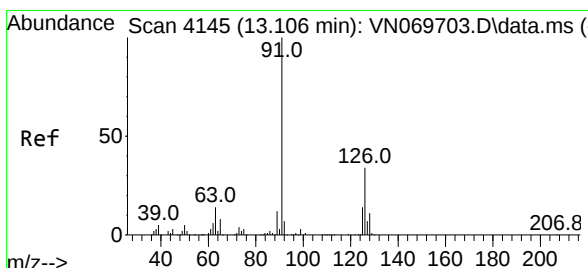
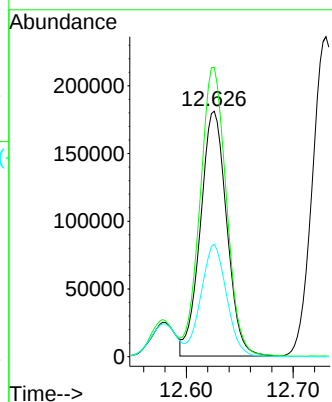
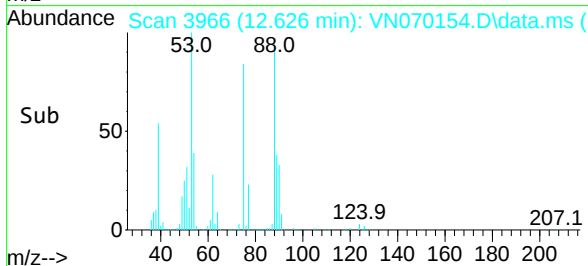
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 309639
Ion Ratio Lower Upper
75 100
53 118.6 90.5 135.7
89 44.8 38.2 57.4

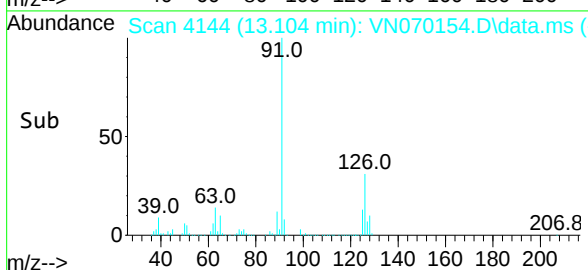
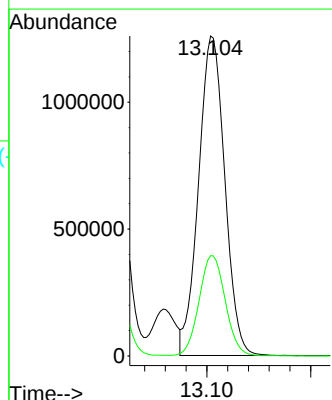
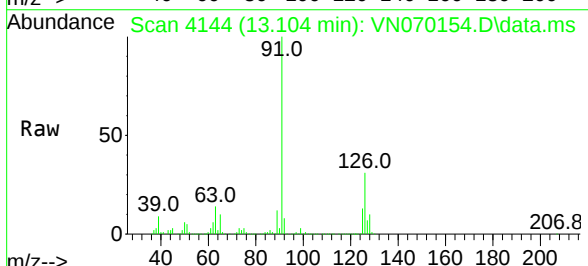
Manual Integrations
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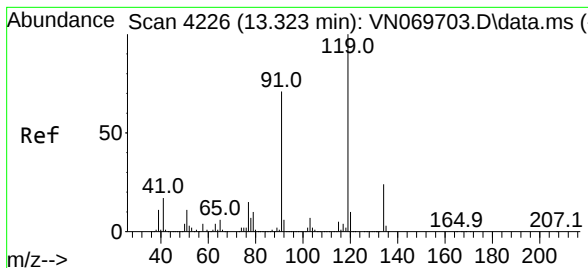
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#82
4-Chlorotoluene
Concen: 55.007 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

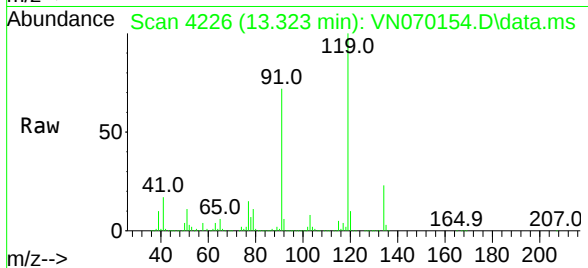
Tgt Ion: 91 Resp: 2203719
Ion Ratio Lower Upper
91 100
126 31.5 18.2 54.6





#83
tert-Butylbenzene
Concen: 54.252 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

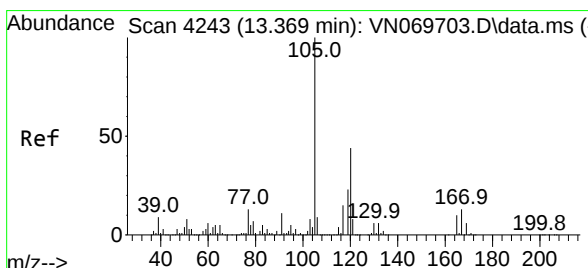
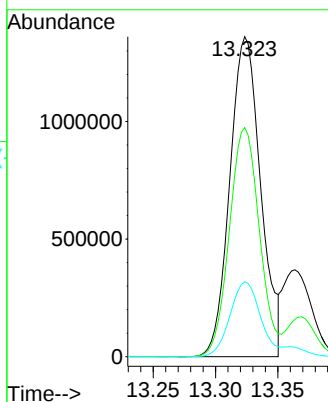
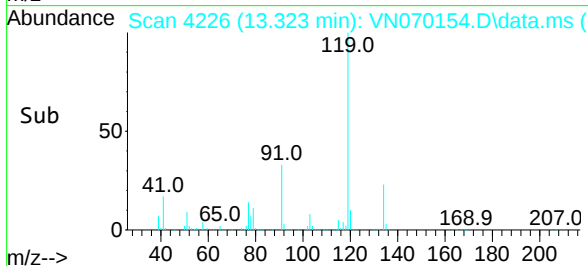
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



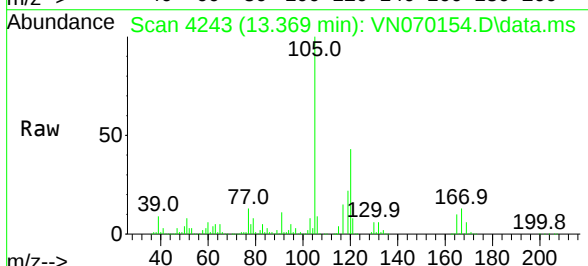
Tgt Ion:119 Resp: 234256
Ion Ratio Lower Upper
119 100
91 70.2 31.5 94.5
134 23.3 12.4 37.4

Manual Integrations
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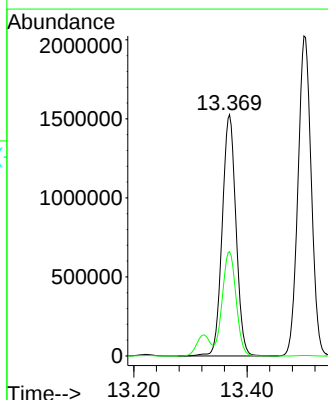
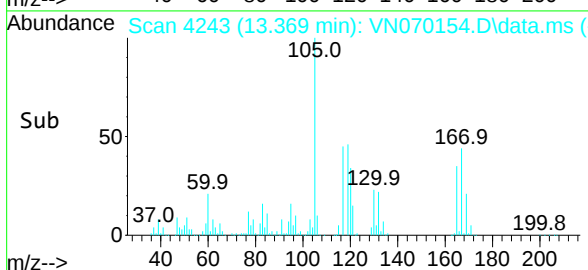
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

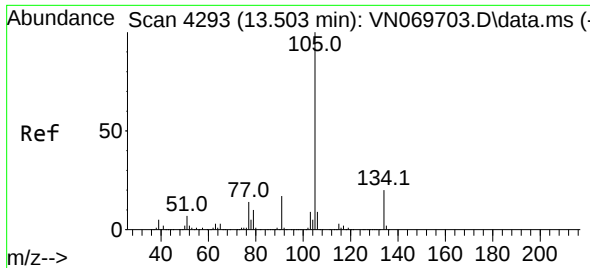


#84
1,2,4-Trimethylbenzene
Concen: 55.641 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56



Tgt Ion:105 Resp: 2584014
Ion Ratio Lower Upper
105 100
120 43.4 22.8 68.4





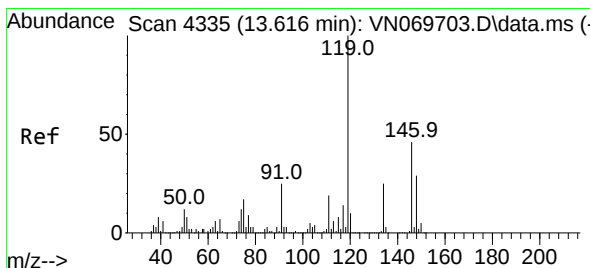
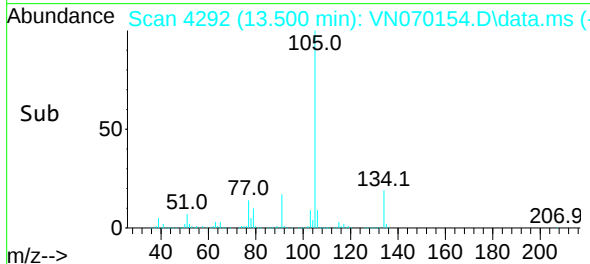
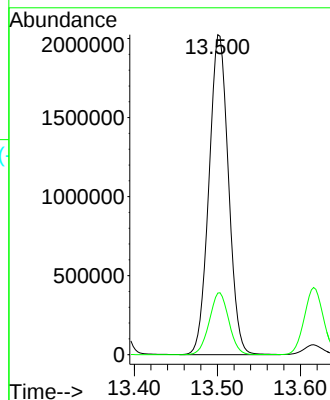
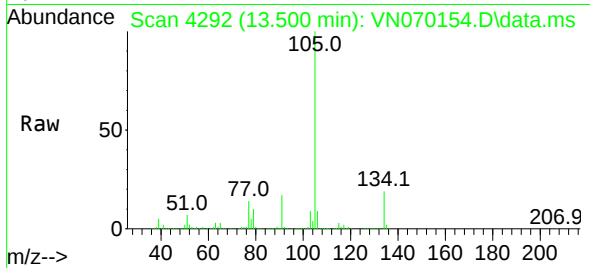
#85
 sec-Butylbenzene
 Concen: 56.157 ug/l
 RT: 13.500 min Scan# 4293
 Delta R.T. -0.003 min
 Lab File: VN070154.D
 Acq: 17 Dec 2021 9:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 328903
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.4 31.1

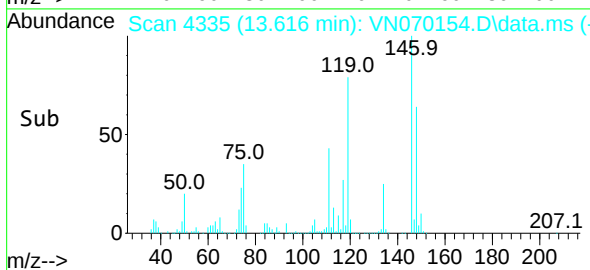
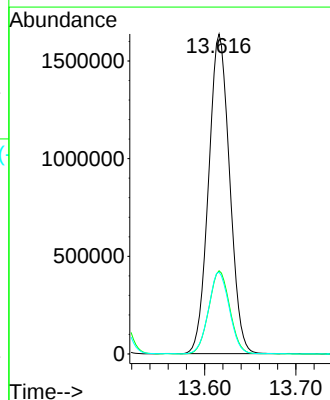
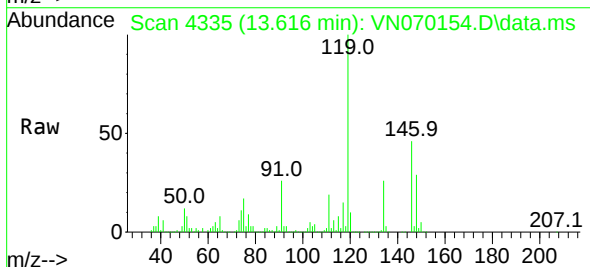
Manual Integrations
 APPROVED

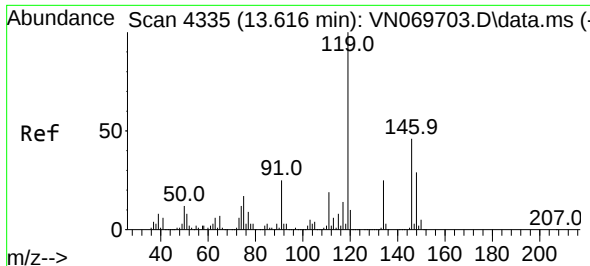
Reviewed By :John Carlone 12/18/2021
 Supervised By :Mahesh Dadoda 12/23/2021



#86
 p-Isopropyltoluene
 Concen: 57.127 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070154.D
 Acq: 17 Dec 2021 9:56

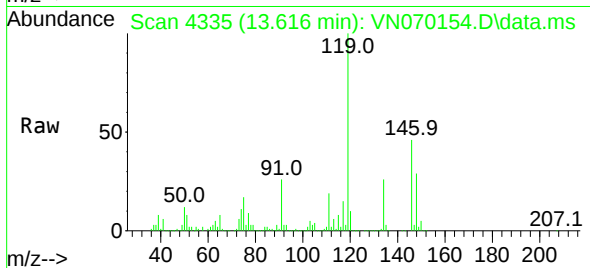
Tgt Ion:119 Resp: 2615325
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.6 40.7
 91 25.3 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 54.686 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

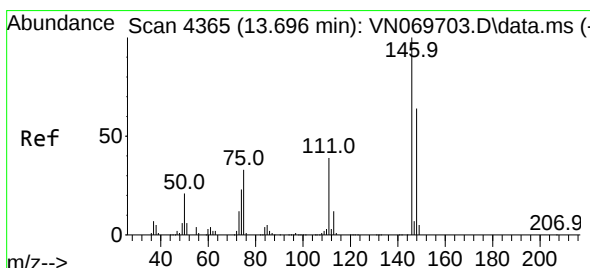
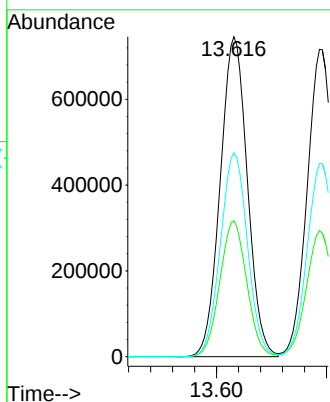
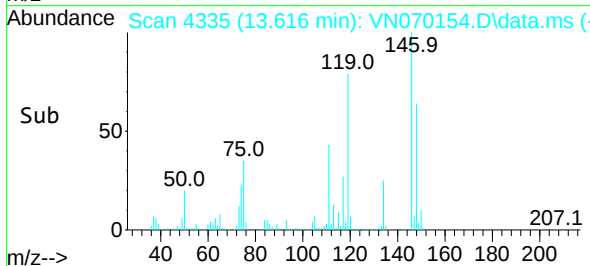
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



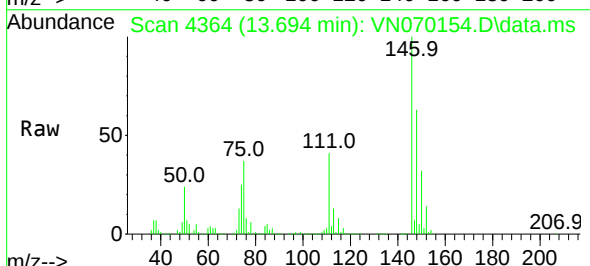
Tgt Ion:146 Resp: 127849
Ion Ratio Lower Upper
146 100
111 42.2 18.6 55.6
148 63.8 31.6 95.0

Manual Integrations
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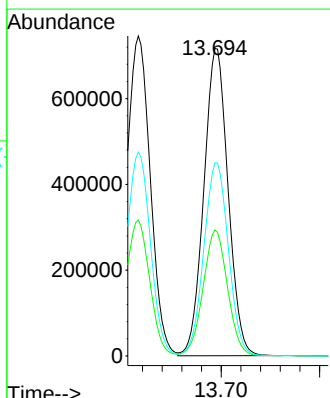
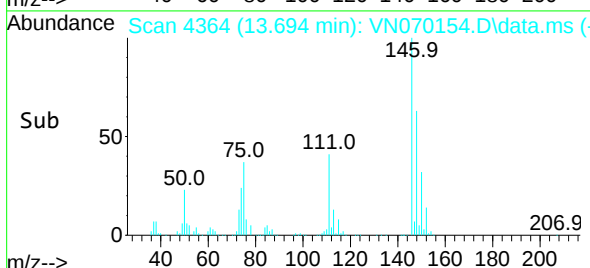
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

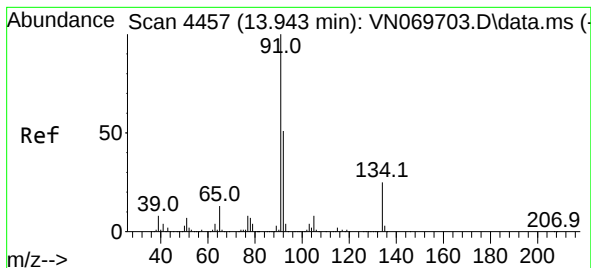


#88
1,4-Dichlorobenzene
Concen: 53.437 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56



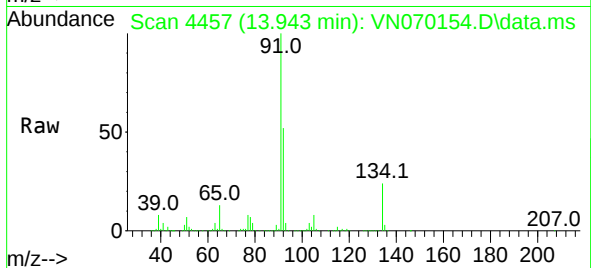
Tgt Ion:146 Resp: 1227718
Ion Ratio Lower Upper
146 100
111 41.2 18.3 54.8
148 64.0 31.8 95.4





#89
n-Butylbenzene
Concen: 60.045 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

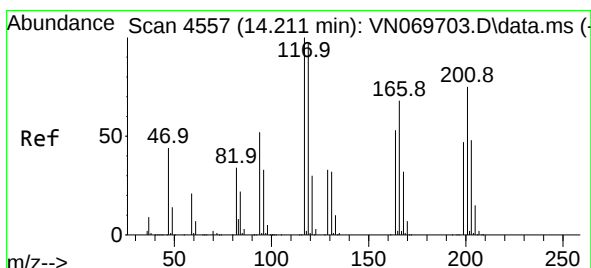
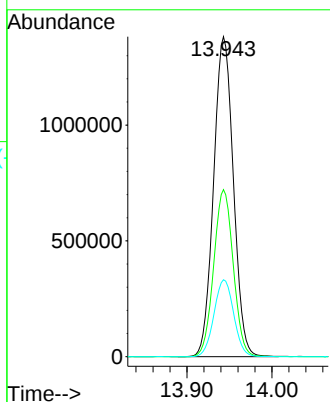
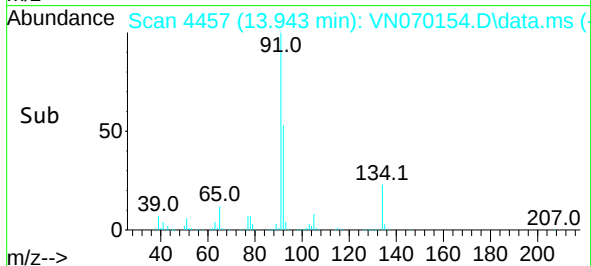
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 2229880
Ion Ratio Lower Upper
91 100
92 51.7 25.4 76.0
134 24.1 13.6 40.8

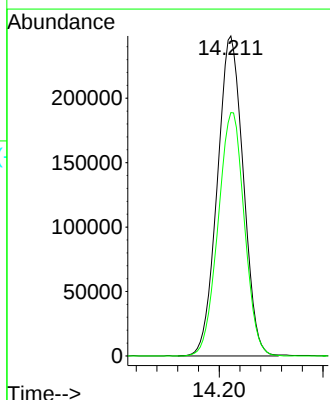
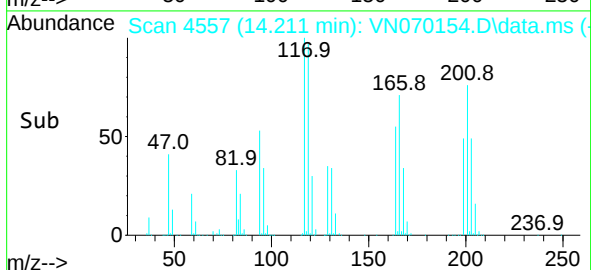
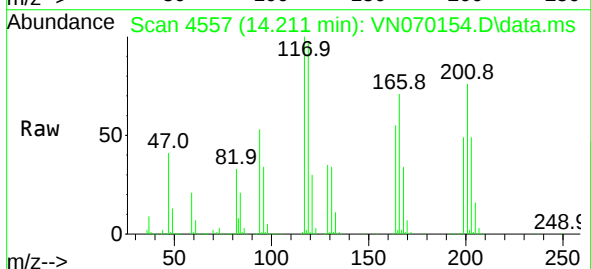
Manual Integrations
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Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#90
Hexachloroethane
Concen: 53.662 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

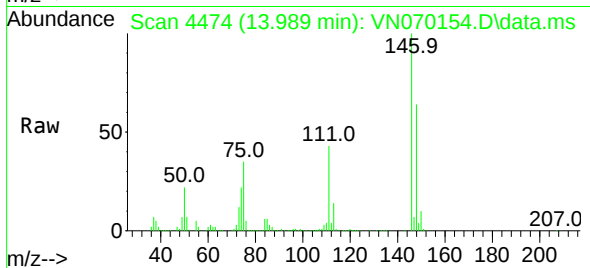
Tgt Ion:117 Resp: 431322
Ion Ratio Lower Upper
117 100
201 77.0 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 53.937 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56

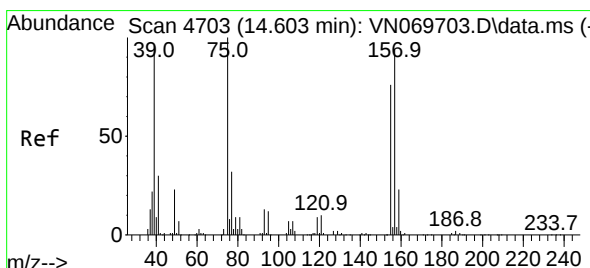
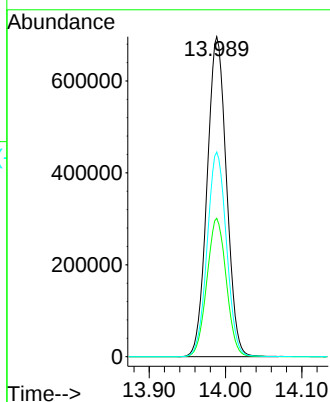
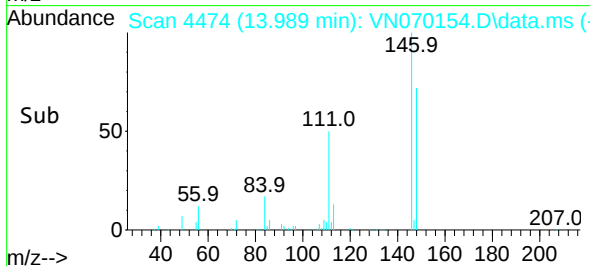
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



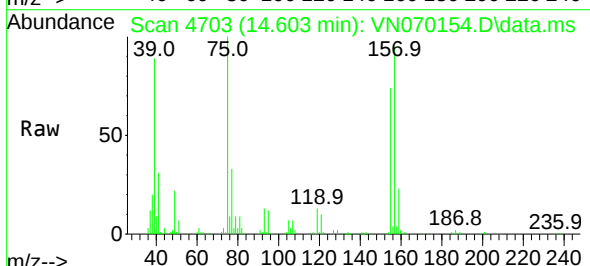
Tgt Ion:146 Resp: 1228630
Ion Ratio Lower Upper
146 100
111 43.4 19.1 57.3
148 63.7 32.1 96.3

Manual Integrations
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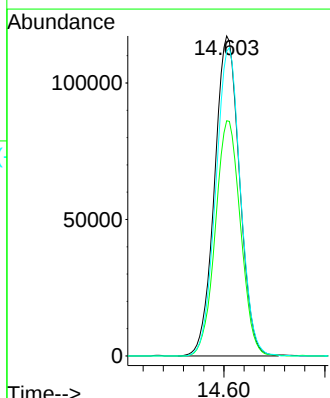
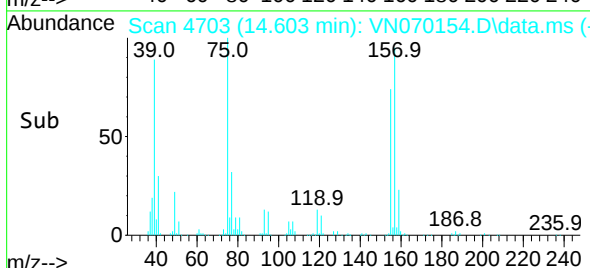
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

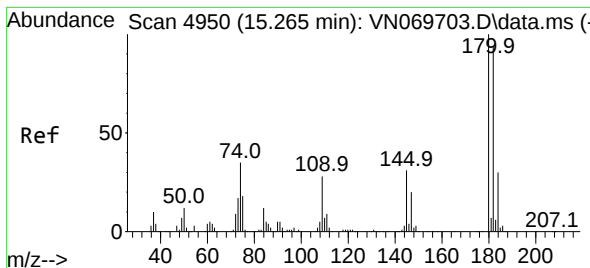


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.309 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070154.D
Acq: 17 Dec 2021 9:56



Tgt Ion: 75 Resp: 201814
Ion Ratio Lower Upper
75 100
155 73.8 46.9 140.7
157 94.7 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 55.425 ug/l

RT: 15.265 min Scan# 4950

Delta R.T. 0.000 min

Lab File: VN070154.D

Acq: 17 Dec 2021 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

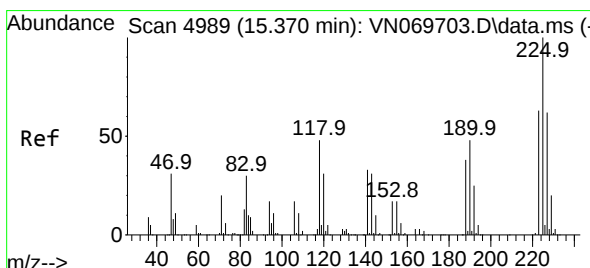
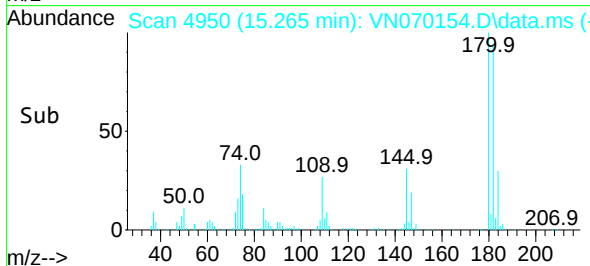
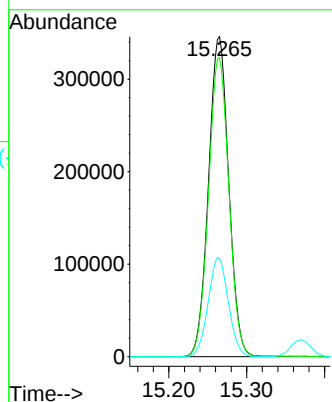
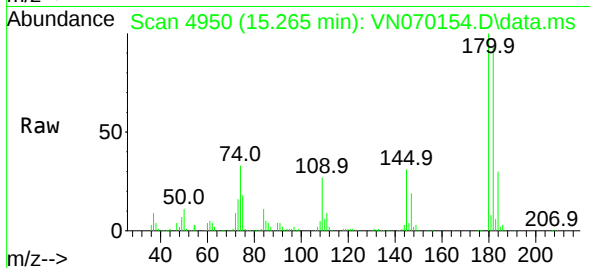
Tgt Ion:	180	Resp:	62292
Ion Ratio	Lower	Upper	
180	100		
182	94.3	48.3	144.9
145	31.1	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/18/2021

Supervised By :Mahesh Dadoda 12/23/2021



#94

Hexachlorobutadiene

Concen: 58.890 ug/l

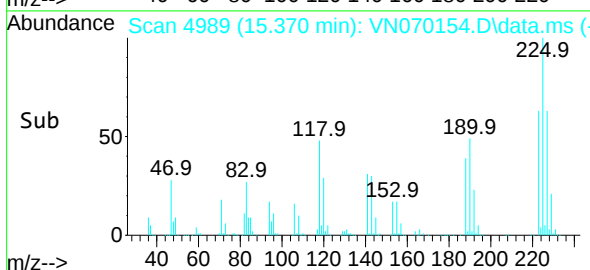
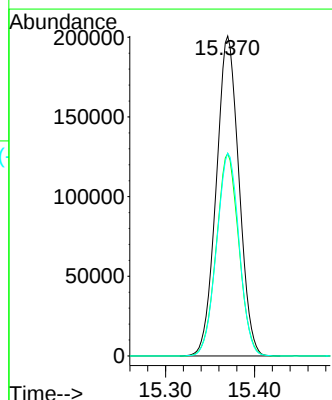
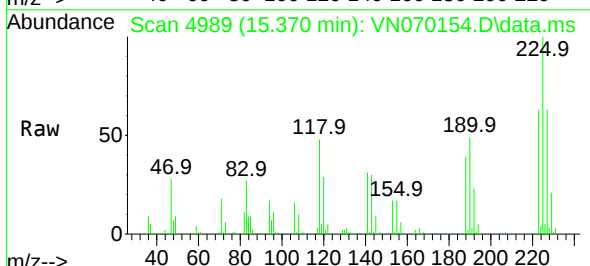
RT: 15.370 min Scan# 4989

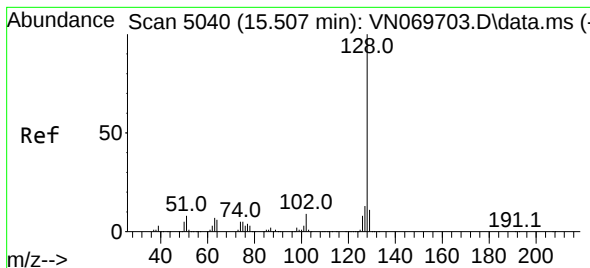
Delta R.T. 0.000 min

Lab File: VN070154.D

Acq: 17 Dec 2021 9:56

Tgt Ion:	225	Resp:	355517
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.9	95.7
227	63.1	32.1	96.3





#95

Naphthalene

Concen: 50.291 ug/l

RT: 15.507 min Scan# 5040

Delta R.T. -0.000 min

Lab File: VN070154.D

Acq: 17 Dec 2021 9:56

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 1674414

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

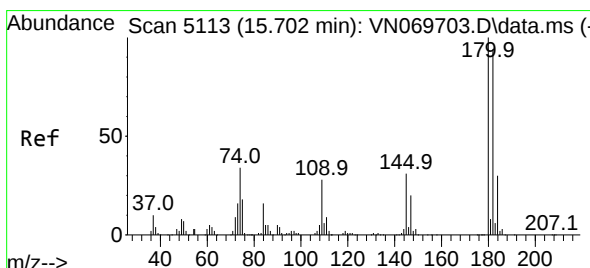
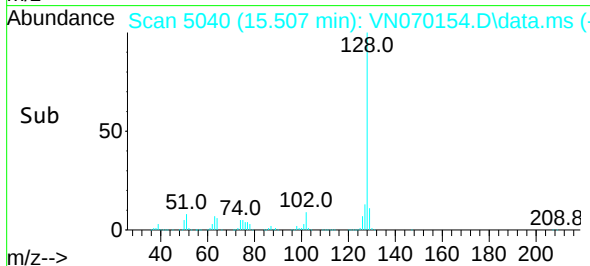
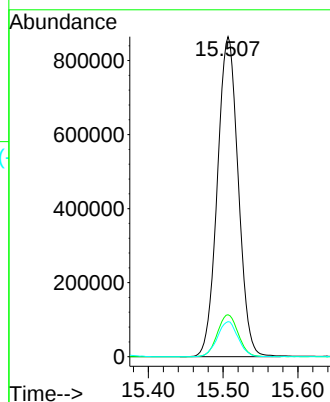
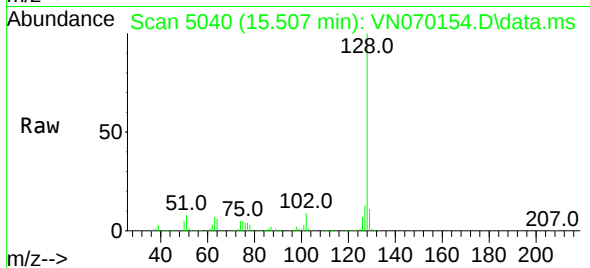
129 10.9 8.7 13.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/18/2021

Supervised By :Mahesh Dadoda 12/23/2021



#96

1,2,3-Trichlorobenzene

Concen: 55.328 ug/l

RT: 15.700 min Scan# 5112

Delta R.T. -0.002 min

Lab File: VN070154.D

Acq: 17 Dec 2021 9:56

Tgt Ion:180 Resp: 605397

Ion Ratio Lower Upper

180 100

182 94.9 47.4 142.2

145 32.8 15.0 45.1

