

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011922\
 Data File : VN070704.D
 Acq On : 19 Jan 2022 17:02
 Operator : JC/MD
 Sample : VN0119MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/20/2022
 Supervised By : Mahesh Dadoda 01/20/2022

Quant Time: Jan 20 03:41:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	899864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1491025	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1350889	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	543934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	640772	49.686	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.380%		
35) Dibromofluoromethane	8.021	113	462682	50.026	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.060%		
50) Toluene-d8	10.440	98	1924559	49.394	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.780%		
62) 4-Bromofluorobenzene	12.731	95	671267	48.347	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.700%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	185517	17.841	ug/l	100
3) Chloromethane	2.303	50	267042	17.569	ug/l	98
4) Vinyl Chloride	2.448	62	256301	17.729	ug/l	100
5) Bromomethane	2.856	94	148043	19.662	ug/l	96
6) Chloroethane	3.022	64	144558	16.024	ug/l	95
7) Trichlorofluoromethane	3.379	101	296328	17.943	ug/l	98
8) Diethyl Ether	3.824	74	146119	20.255	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.210	101	192484	19.285	ug/l	94
10) Methyl Iodide	4.422	142	239697	18.623	ug/l	98
11) Tert butyl alcohol	5.379	59	232201	99.799	ug/l #	83
12) 1,1-Dichloroethene	4.178	96	191239	19.210	ug/l	93
13) Acrolein	4.041	56	293873	88.067	ug/l	99
14) Allyl chloride	4.840	41	403303	18.594	ug/l #	84
15) Acrylonitrile	5.554	53	717512	96.939	ug/l	99
16) Acetone	4.285	43	858159	95.872	ug/l	98
17) Carbon Disulfide	4.529	76	456767	16.894	ug/l	99
18) Methyl Acetate	4.856	43	332539	18.890	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	689891	19.399	ug/l	95
20) Methylene Chloride	5.098	84	211254	17.917	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	183018	18.267	ug/l	85
22) Diisopropyl ether	6.495	45	837684	19.484	ug/l	93
23) Vinyl Acetate	6.434	43	3587311	98.433	ug/l	94
24) 1,1-Dichloroethane	6.388	63	398924	18.550	ug/l	98
25) 2-Butanone	7.337	43	1084782	96.309	ug/l	92
26) 2,2-Dichloropropane	7.327	77	308731	18.724	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	220584	18.533	ug/l	86
28) Bromochloromethane	7.656	49	180746	18.720	ug/l #	76
29) Tetrahydrofuran	7.686	42	695965	100.912	ug/l	87
30) Chloroform	7.817	83	381570	17.844	ug/l	99
31) Cyclohexane	8.094	56	415483	18.296	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	313494	18.781	ug/l	98
36) 1,1-Dichloropropene	8.220	75	282587	18.149	ug/l	96
37) Ethyl Acetate	7.412	43	402446	19.469	ug/l	98
38) Carbon Tetrachloride	8.204	117	251629	18.166	ug/l	99
39) Methylcyclohexane	9.459	83	352469	18.337	ug/l	88
40) Benzene	8.458	78	890654	18.461	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	206894	19.673	ug/l #	85
42) 1,2-Dichloroethane	8.528	62	310281	18.548	ug/l	99
43) Isopropyl Acetate	8.560	43	636195	20.150	ug/l #	94
44) Trichloroethene	9.217	130	197681	18.074	ug/l	90
45) 1,2-Dichloropropane	9.488	63	246173	18.754	ug/l	99
46) Dibromomethane	9.577	93	140803	18.448	ug/l	95
47) Bromodichloromethane	9.759	83	277396	17.780	ug/l	97
48) Methyl methacrylate	9.558	41	276671	18.394	ug/l #	83
49) 1,4-Dioxane	9.571	88	89875	397.785	ug/l #	86
51) 4-Methyl-2-Pentanone	10.330	43	2003334	99.437	ug/l	98
52) Toluene	10.505	92	564859	19.573	ug/l	96
53) t-1,3-Dichloropropene	10.717	75	316086	18.307	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	348262	18.613	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	210182	18.539	ug/l	97
56) Ethyl methacrylate	10.760	69	368367	18.599	ug/l	88
57) 1,3-Dichloropropane	11.044	76	381033	18.985	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	471700	100.148	ug/l	91
59) 2-Hexanone	11.084	43	1492546	101.979	ug/l	97
60) Dibromochloromethane	11.237	129	194333	18.377	ug/l	100
61) 1,2-Dibromoethane	11.344	107	209102	18.370	ug/l	100
64) Tetrachloroethene	10.977	164	169520	17.115	ug/l	97
65) Chlorobenzene	11.768	112	541442	18.499	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	189865	18.838	ug/l	99
67) Ethyl Benzene	11.843	91	1033715	19.050	ug/l	97
68) m/p-Xylenes	11.953	106	746183	37.799	ug/l	92
69) o-Xylene	12.280	106	372147	18.996	ug/l	92
70) Styrene	12.294	104	594808	18.979	ug/l	96
71) Bromoform	12.457	173	139871	18.372	ug/l #	99
73) Isopropylbenzene	12.578	105	967710	18.806	ug/l	98
74) N-amyl acetate	12.387	43	427103	20.300	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	336946	19.388	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	295324m	20.471	ug/l	
77) Bromobenzene	12.860	156	218149	18.908	ug/l	75
78) n-propylbenzene	12.919	91	1102467	19.157	ug/l	95
79) 2-Chlorotoluene	13.007	91	680176	18.684	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	798863	19.197	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	94029	19.418	ug/l	96
82) 4-Chlorotoluene	13.104	91	647049	19.023	ug/l	91
83) tert-Butylbenzene	13.323	119	673161	18.583	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	772700	19.317	ug/l	97
85) sec-Butylbenzene	13.500	105	937582	19.039	ug/l	97
86) p-Isopropyltoluene	13.616	119	738399	19.087	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	368401	19.195	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	350367	18.344	ug/l	96
89) n-Butylbenzene	13.943	91	601546	18.849	ug/l	96
90) Hexachloroethane	14.211	117	125990	18.631	ug/l	90
91) 1,2-Dichlorobenzene	13.989	146	355990	18.774	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	56755	19.252	ug/l	81
93) 1,2,4-Trichlorobenzene	15.263	180	169366	19.124	ug/l	98
94) Hexachlorobutadiene	15.370	225	108970	19.403	ug/l	98
95) Naphthalene	15.504	128	556545	22.728	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	168960	19.674	ug/l	98

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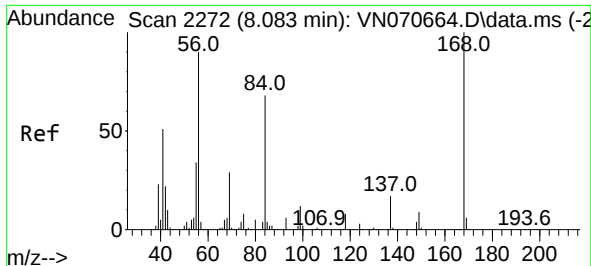
Manual Integrations
APPROVED

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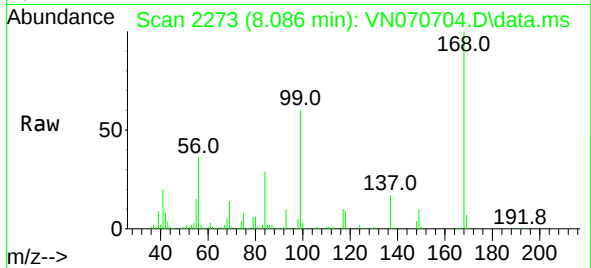
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070704.D
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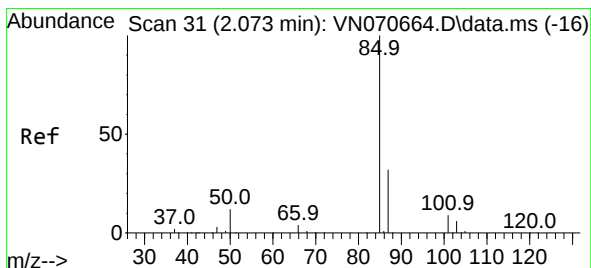
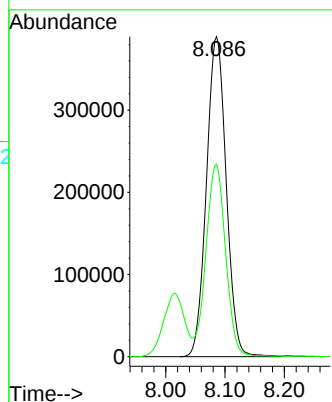
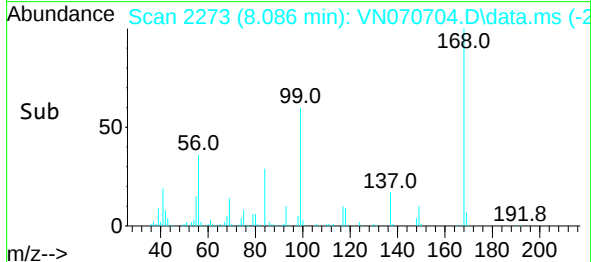
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 899864
Ion Ratio Lower Upper
168 100
99 60.0 41.3 61.9

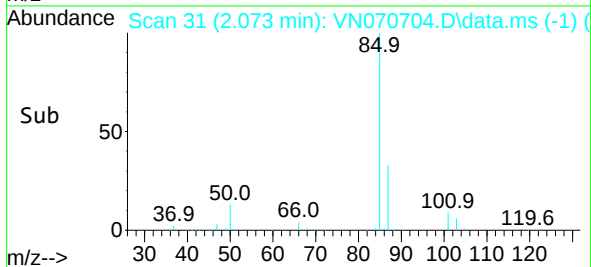
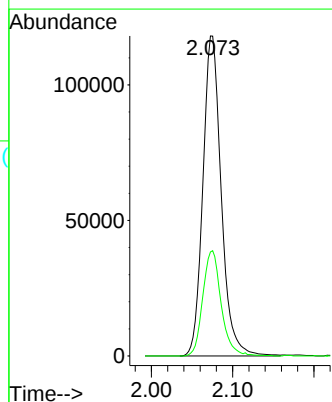
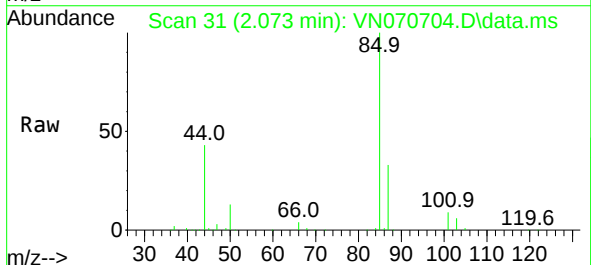
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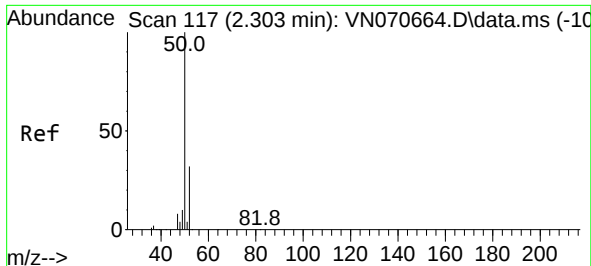
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#2
Dichlorodifluoromethane
Concen: 17.841 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

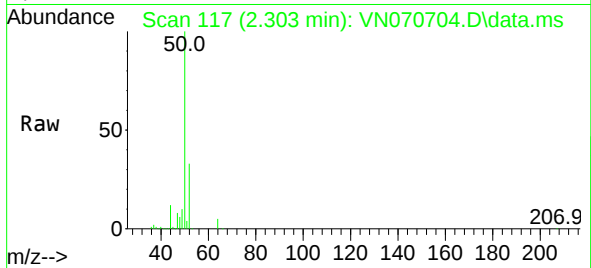
Tgt Ion: 85 Resp: 185517
Ion Ratio Lower Upper
85 100
87 32.5 16.3 48.9





#3
Chloromethane
Concen: 17.569 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

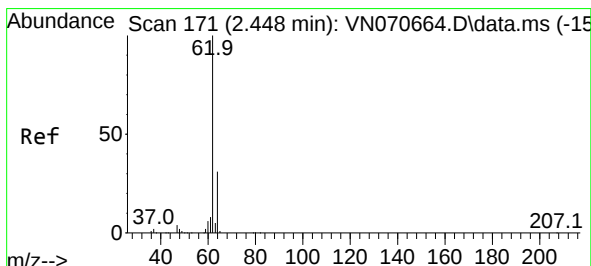
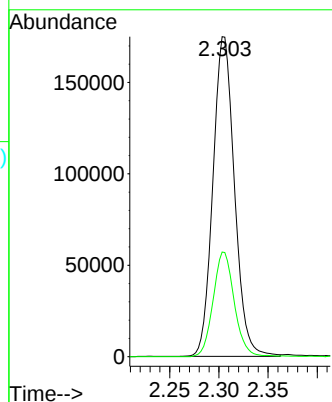
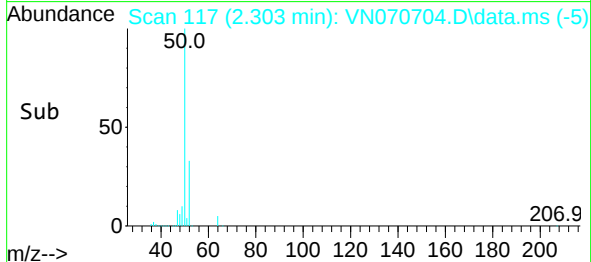
Instrument :
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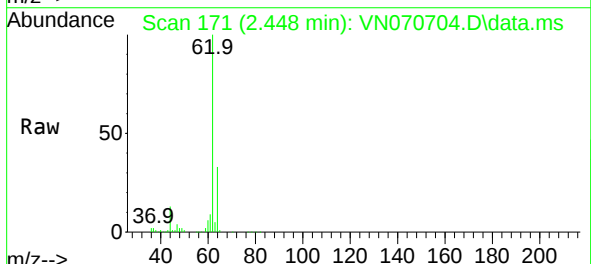
Tgt Ion: 50 Resp: 26704
Ion Ratio Lower Upper
50 100
52 32.7 25.4 38.0

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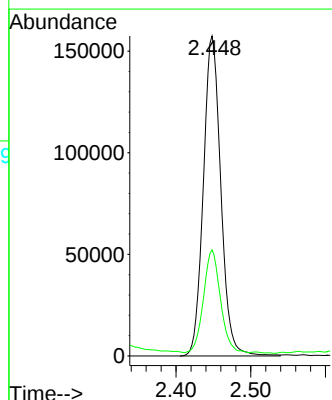
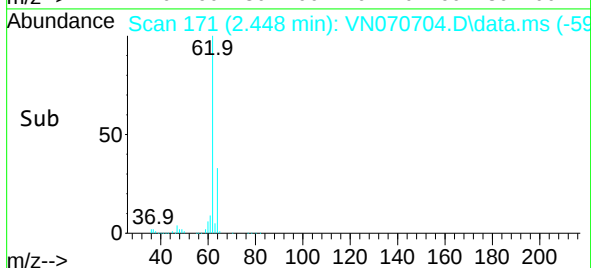
Reviewed By :John Carlone 01/20/2022
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#4
Vinyl Chloride
Concen: 17.729 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02



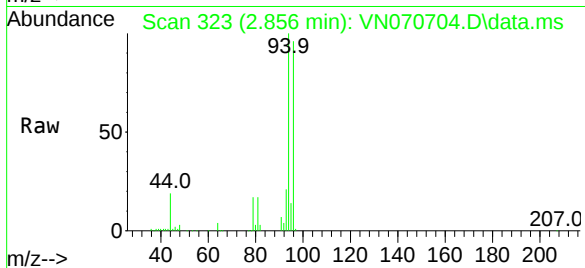
Tgt Ion: 62 Resp: 256301
Ion Ratio Lower Upper
62 100
64 32.1 25.8 38.6





#5
Bromomethane
Concen: 19.662 ug/l
RT: 2.856 min Scan# 31
Delta R.T. 0.008 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

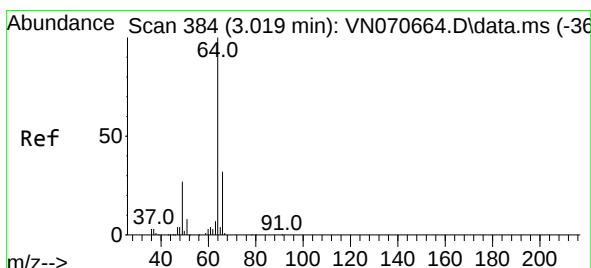
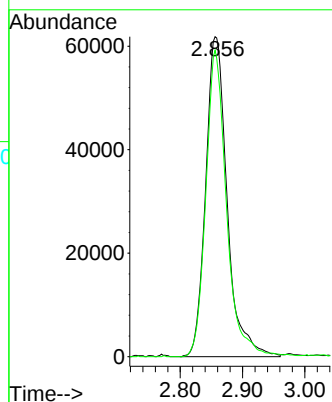
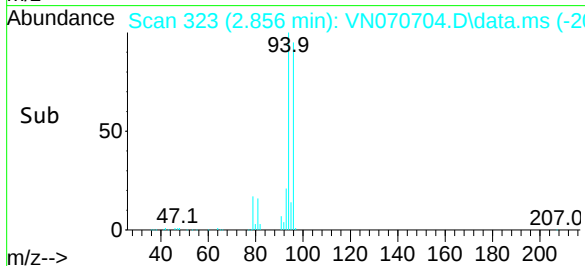
Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion: 94 Resp: 14804
Ion Ratio Lower Upper
94 100
96 95.7 73.8 110.8

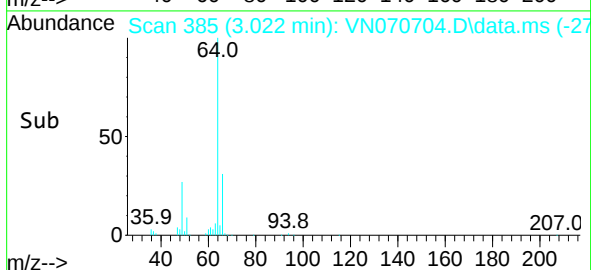
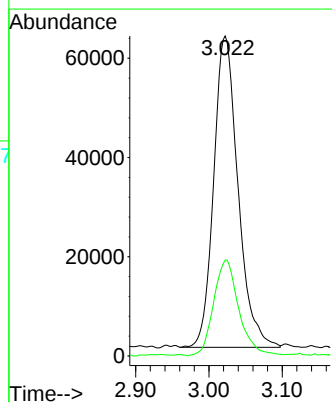
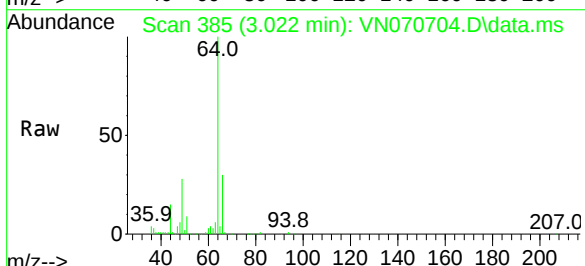
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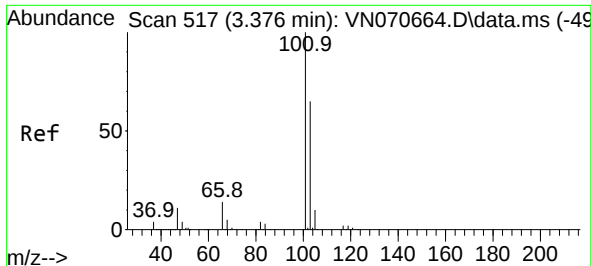
Reviewed By :John Carlone 01/20/2022
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#6
Chloroethane
Concen: 16.024 ug/l
RT: 3.022 min Scan# 385
Delta R.T. 0.003 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

Tgt Ion: 64 Resp: 144558
Ion Ratio Lower Upper
64 100
66 30.3 26.3 39.5





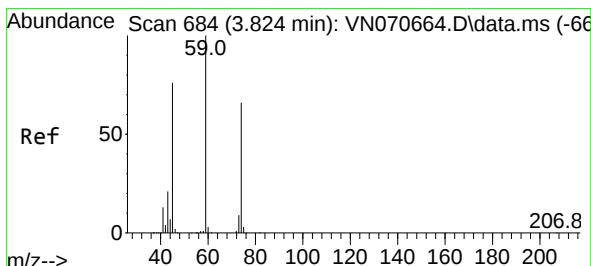
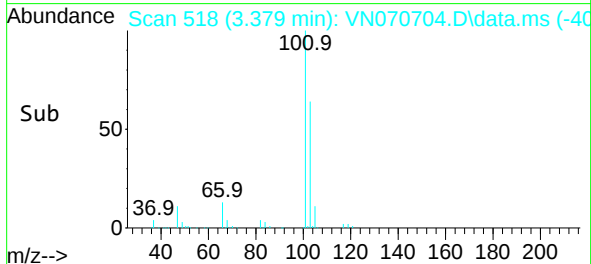
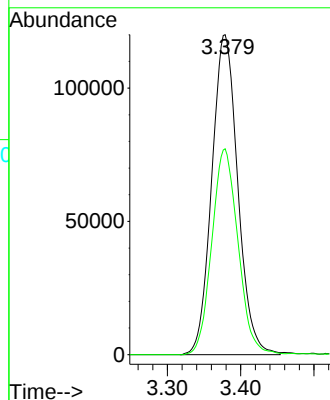
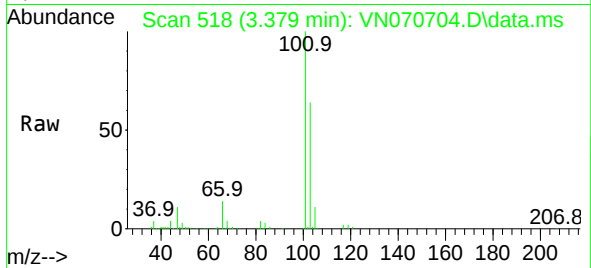
#7
Trichlorofluoromethane
Concen: 17.943 ug/l
RT: 3.379 min Scan# 517
Delta R.T. 0.003 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

Instrument :
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ClientSampleId :
VN0119MBS02

Tgt Ion:101 Resp: 296328
Ion Ratio Lower Upper
101 100
103 64.4 50.1 75.1

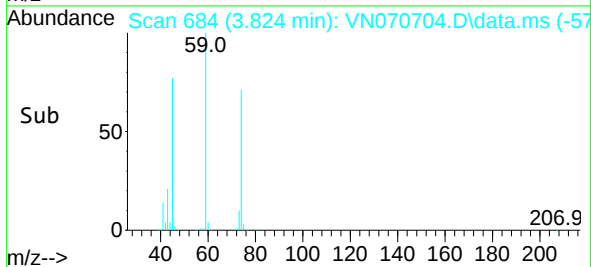
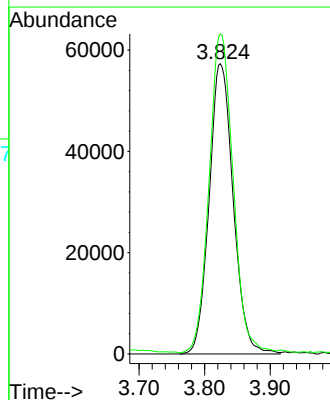
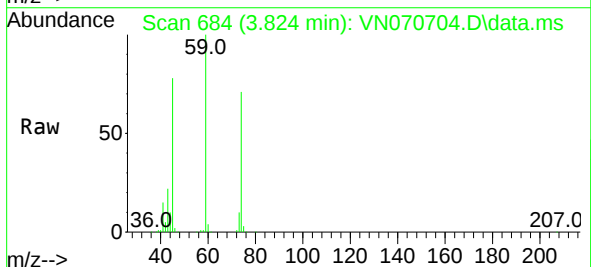
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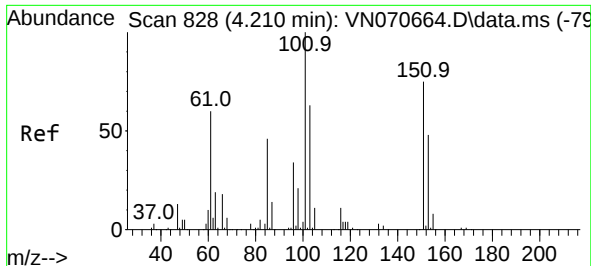
Reviewed By :John Carlone 01/20/2022
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#8
Diethyl Ether
Concen: 20.255 ug/l
RT: 3.824 min Scan# 684
Delta R.T. -0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

Tgt Ion: 74 Resp: 146119
Ion Ratio Lower Upper
74 100
45 109.5 47.0 141.2





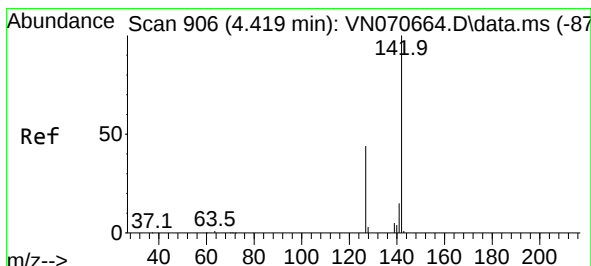
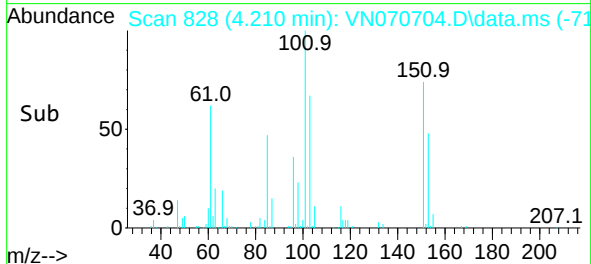
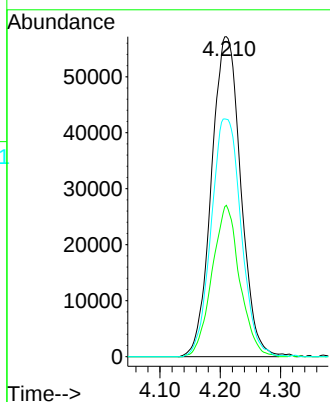
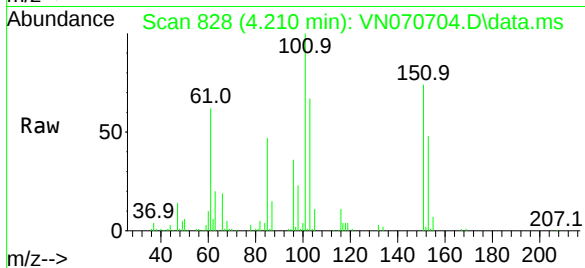
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.285 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02

Tgt Ion:101 Resp: 192484
Ion Ratio Lower Upper
101 100
85 44.8 37.2 55.8
151 76.0 65.9 98.9

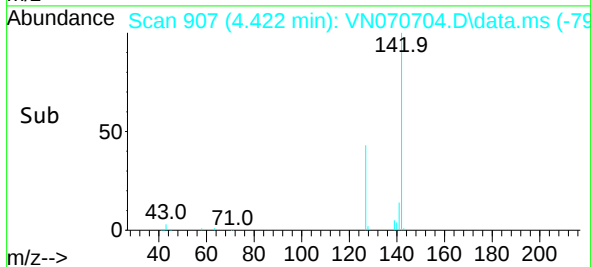
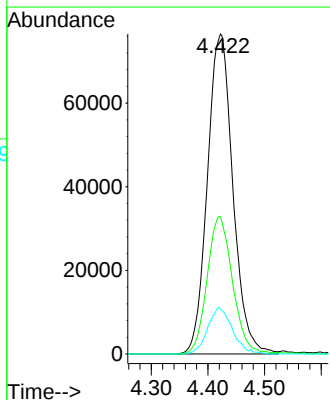
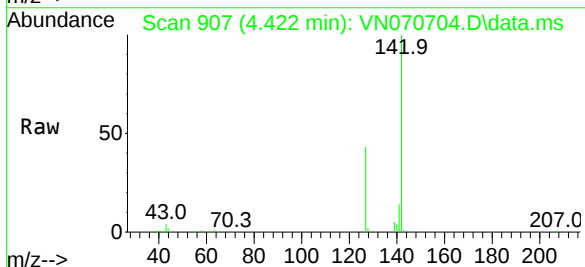
Manual Integrations
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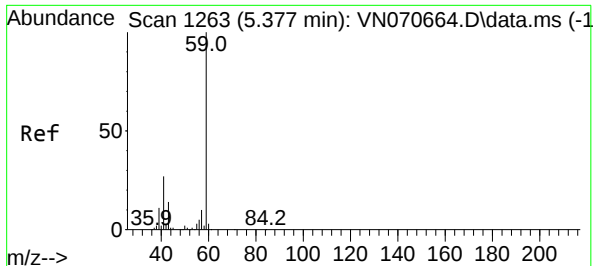
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#10
Methyl Iodide
Concen: 18.623 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.003 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

Tgt Ion:142 Resp: 239697
Ion Ratio Lower Upper
142 100
127 42.7 35.4 53.0
141 14.0 11.6 17.4





#11

Tert butyl alcohol

Concen: 99.799 ug/l

RT: 5.379 min Scan# 11

Delta R.T. 0.002 min

Lab File: VN070704.D

Acq: 19 Jan 2022 17:02

Instrument :

MSVOA_N

ClientSampleId :

VN0119MBS02

Tgt Ion: 59 Resp: 23220

Ion Ratio Lower Upper

59 100

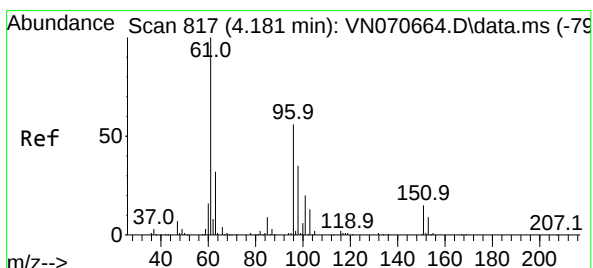
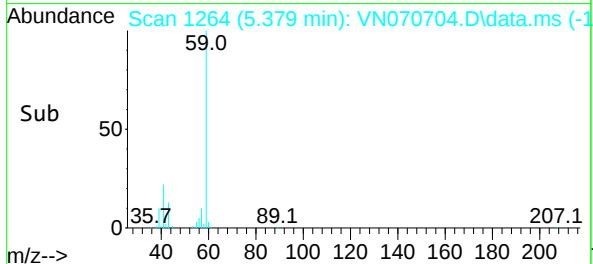
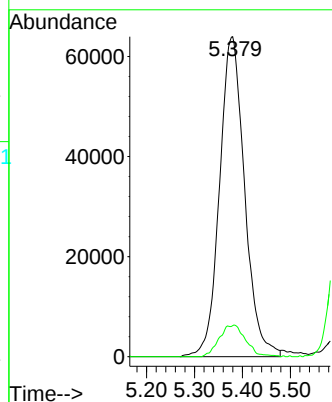
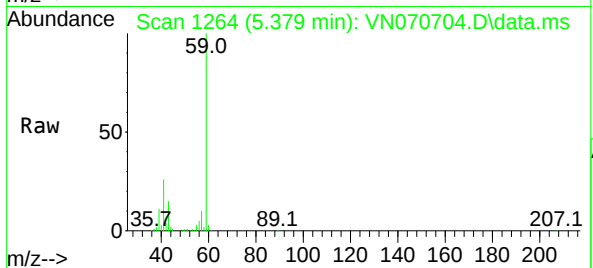
57 4.5 8.7 13.1

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Reviewed By :John Carlone 01/20/2022

Supervised By :Mahesh Dadoda 01/20/2022



#12

1,1-Dichloroethene

Concen: 19.210 ug/l

RT: 4.178 min Scan# 816

Delta R.T. -0.003 min

Lab File: VN070704.D

Acq: 19 Jan 2022 17:02

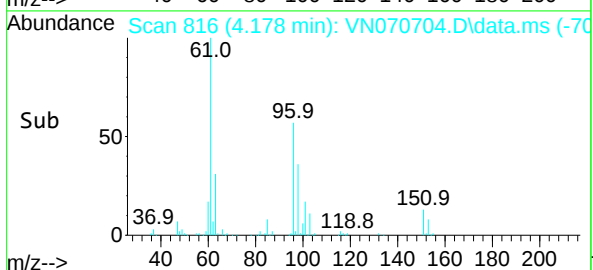
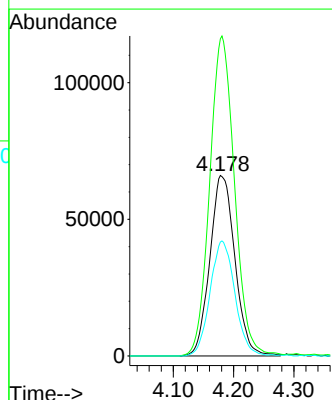
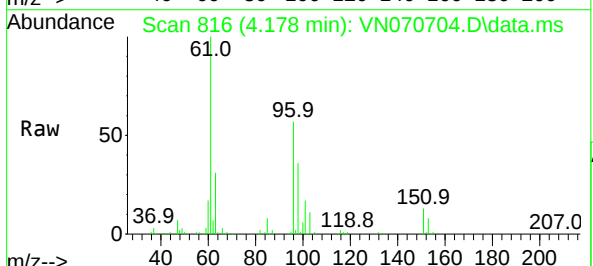
Tgt Ion: 96 Resp: 191239

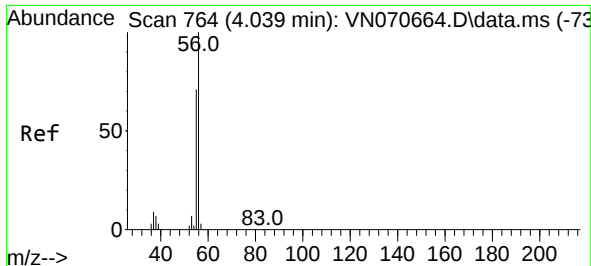
Ion Ratio Lower Upper

96 100

61 175.7 131.0 196.6

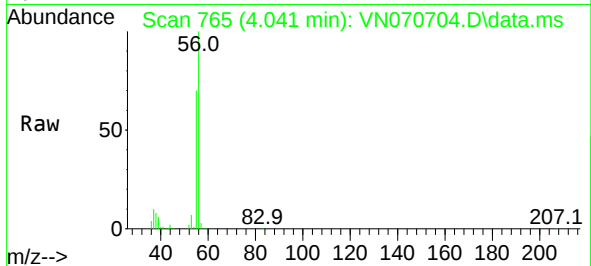
98 63.1 52.4 78.6





#13
Acrolein
Concen: 88.067 ug/l
RT: 4.041 min Scan# 704
Delta R.T. 0.002 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

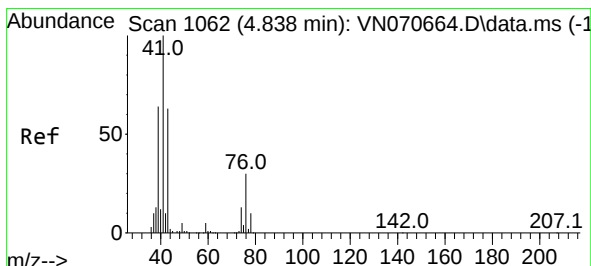
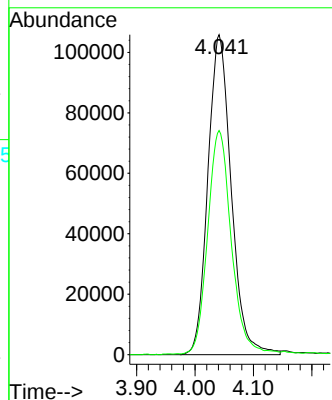
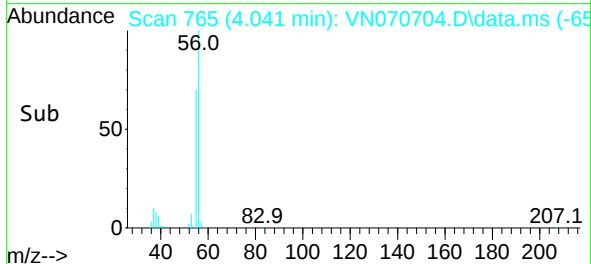
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02



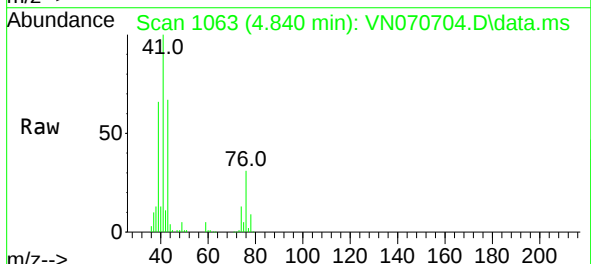
Tgt Ion: 56 Resp: 29387
Ion Ratio Lower Upper
56 100
55 70.2 56.6 85.0

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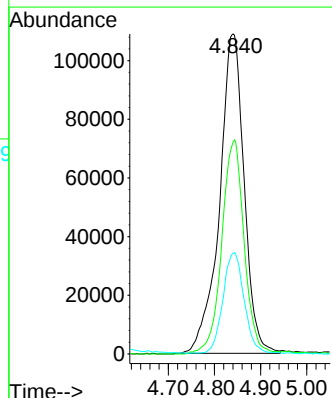
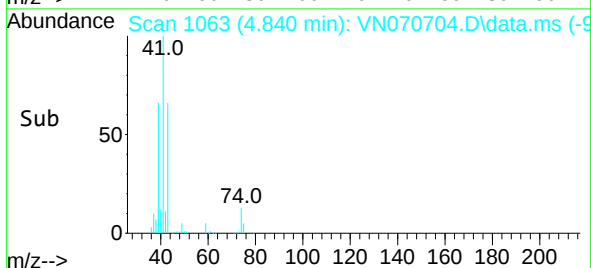
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

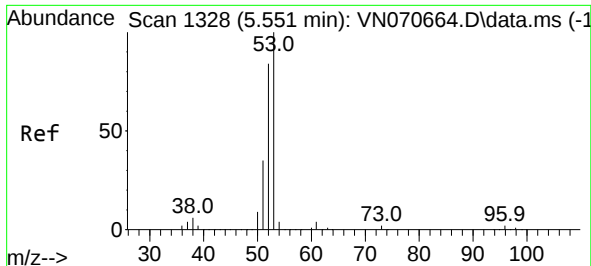


#14
Allyl chloride
Concen: 18.594 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.002 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02



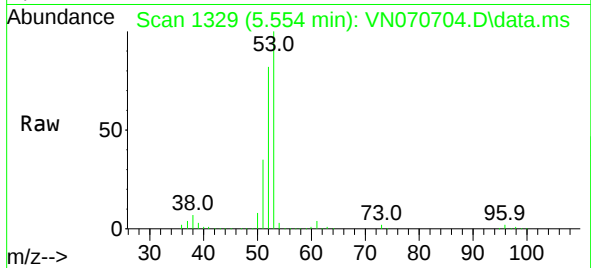
Tgt Ion: 41 Resp: 403303
Ion Ratio Lower Upper
41 100
39 60.8 61.2 91.8#
76 26.7 26.0 39.0





#15
Acrylonitrile
Concen: 96.939 ug/l
RT: 5.554 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

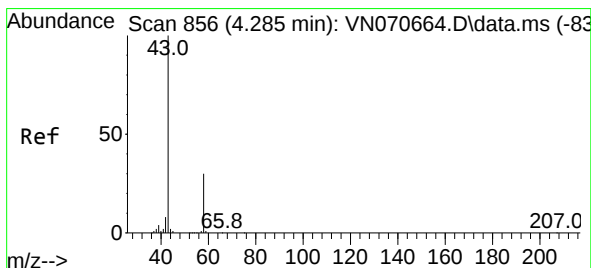
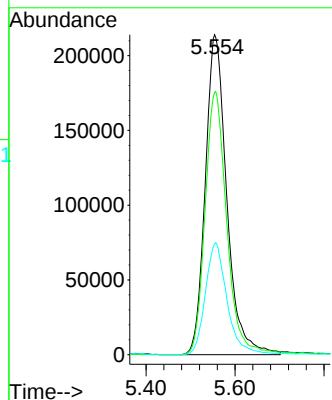
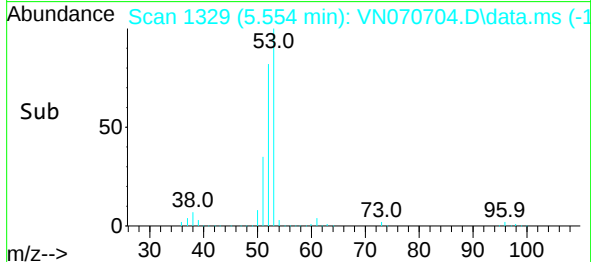
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02



Tgt Ion: 53 Resp: 717512
Ion Ratio Lower Upper
53 100
52 82.7 66.2 99.2
51 35.1 29.6 44.4

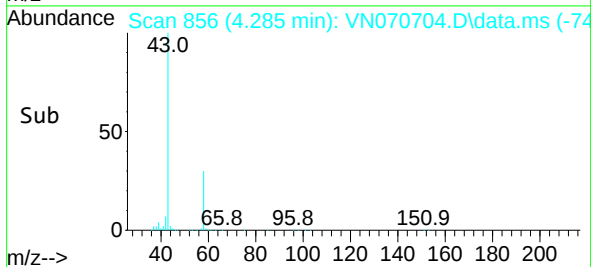
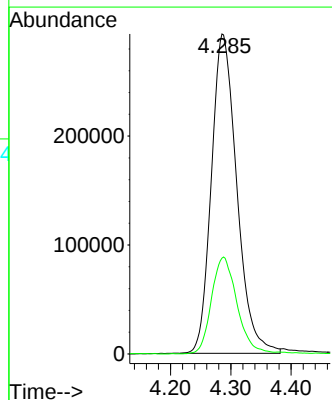
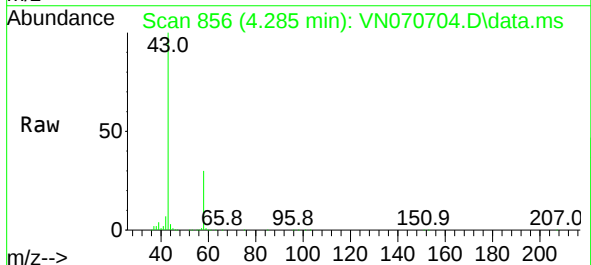
Manual Integrations
APPROVED

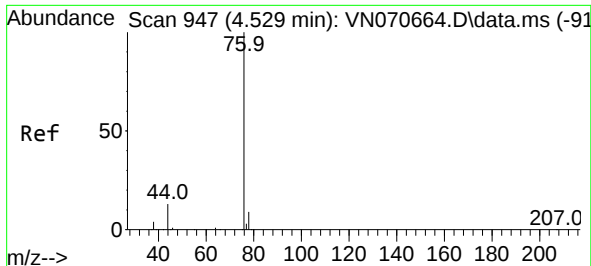
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#16
Acetone
Concen: 95.872 ug/l
RT: 4.285 min Scan# 856
Delta R.T. 0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

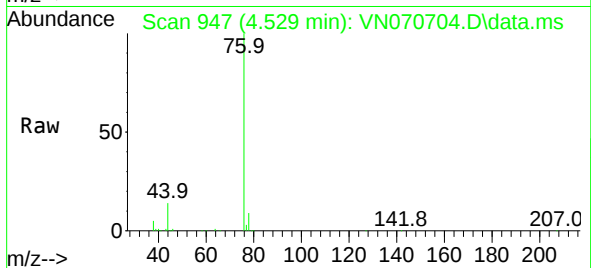
Tgt Ion: 43 Resp: 858159
Ion Ratio Lower Upper
43 100
58 30.0 23.1 34.7





#17
Carbon Disulfide
Concen: 16.894 ug/l
RT: 4.529 min Scan# 947
Delta R.T. 0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

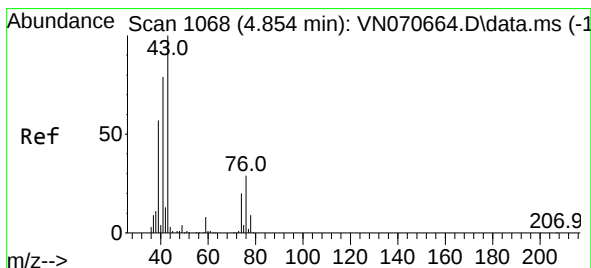
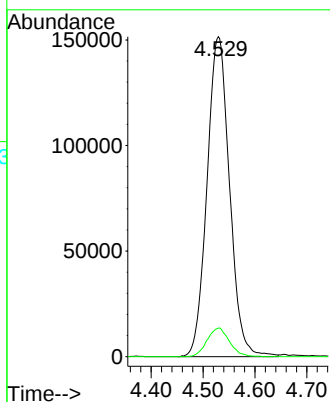
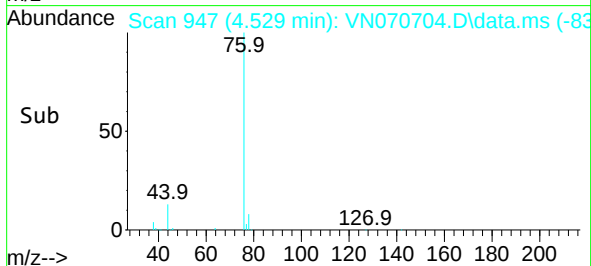
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02



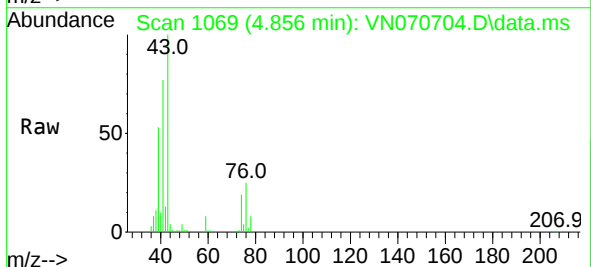
Tgt Ion: 76 Resp: 45676
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

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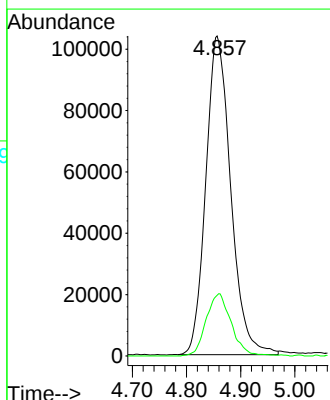
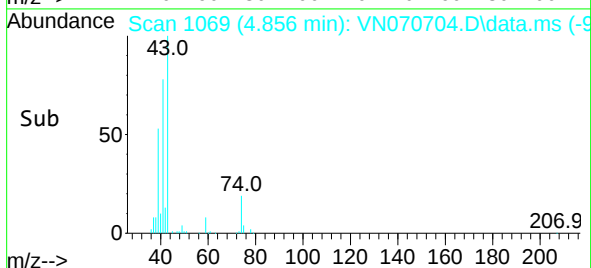
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

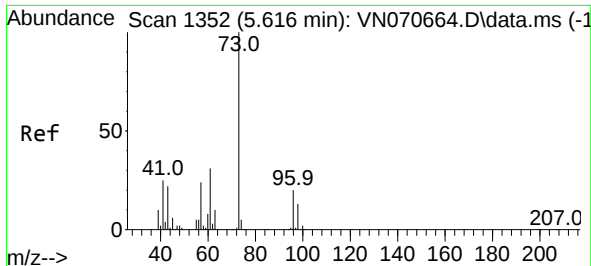


#18
Methyl Acetate
Concen: 18.890 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.002 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02



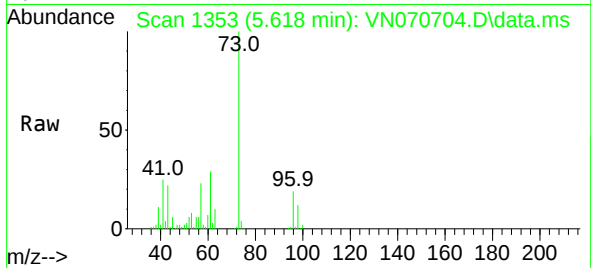
Tgt Ion: 43 Resp: 332539
Ion Ratio Lower Upper
43 100
74 19.7 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 19.399 ug/l
RT: 5.618 min Scan# 1153
Delta R.T. 0.002 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

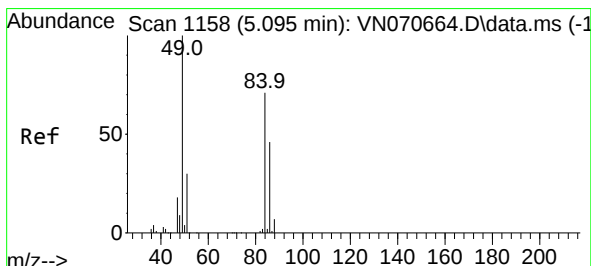
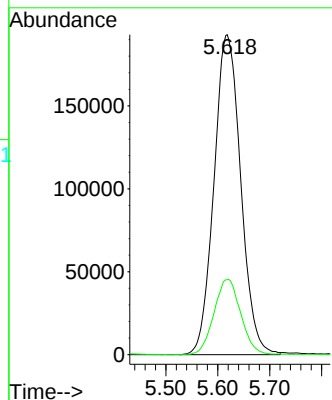
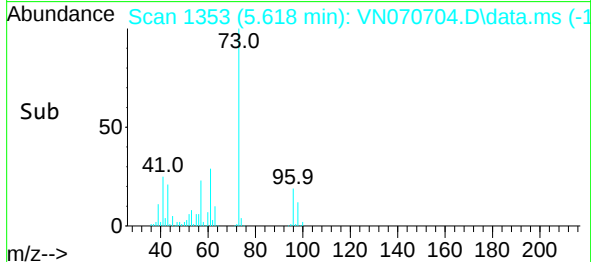
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02



Tgt Ion: 73 Resp: 68989
Ion Ratio Lower Upper
73 100
57 23.5 16.8 25.2

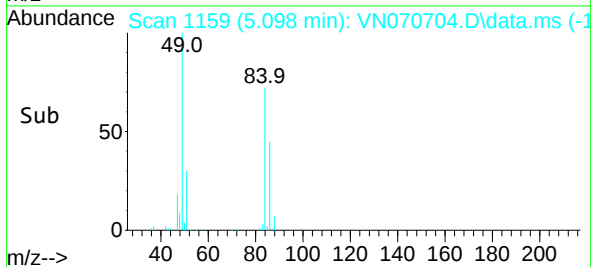
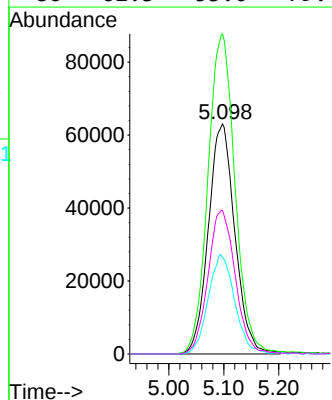
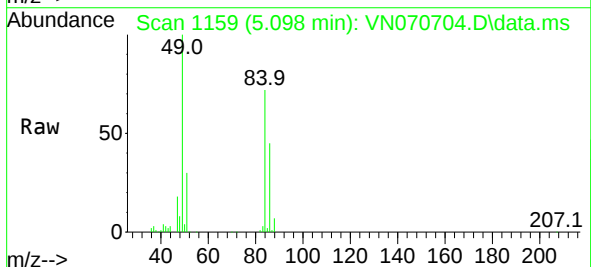
Manual Integrations
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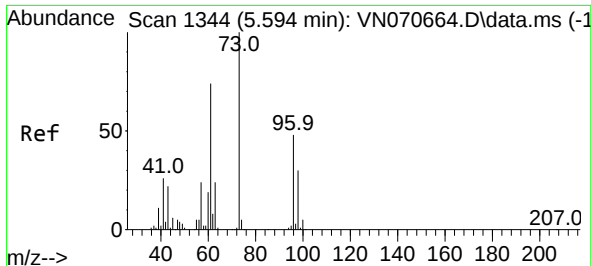
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#20
Methylene Chloride
Concen: 17.917 ug/l
RT: 5.098 min Scan# 1159
Delta R.T. 0.003 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

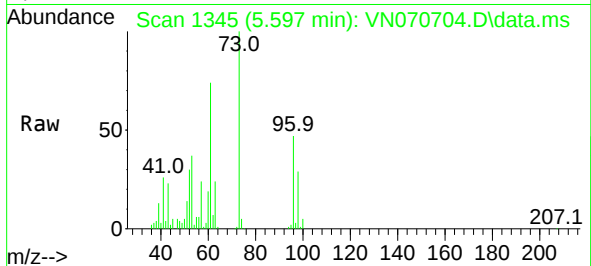
Tgt Ion: 84 Resp: 211254
Ion Ratio Lower Upper
84 100
49 138.7 93.5 140.3
51 41.8 29.4 44.2
86 62.3 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 18.267 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

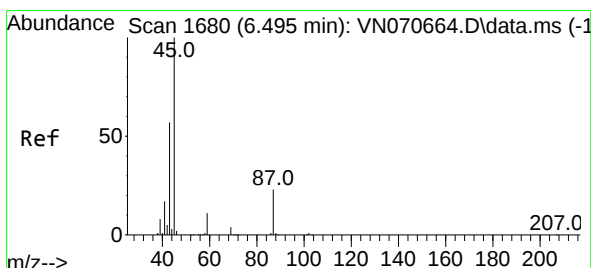
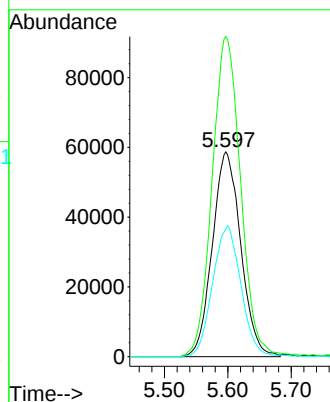
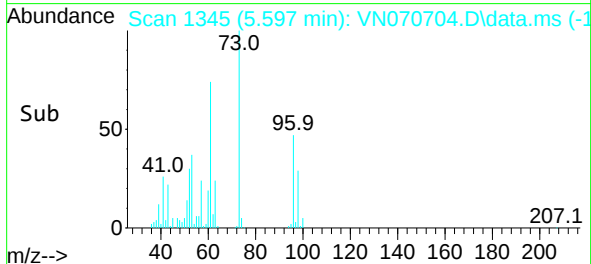
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02



Tgt Ion: 96 Resp: 183018
Ion Ratio Lower Upper
96 100
61 156.2 105.8 158.6
98 62.3 52.0 78.0

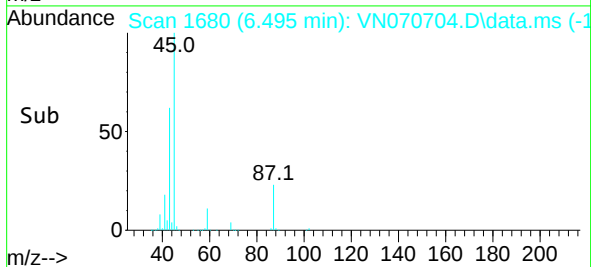
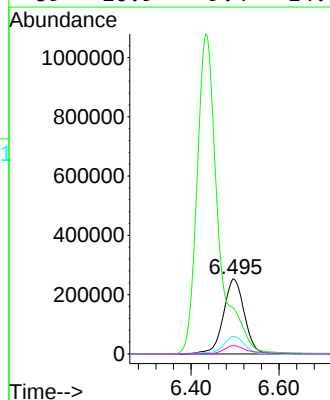
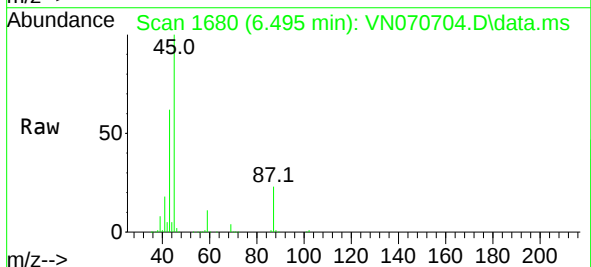
Manual Integrations
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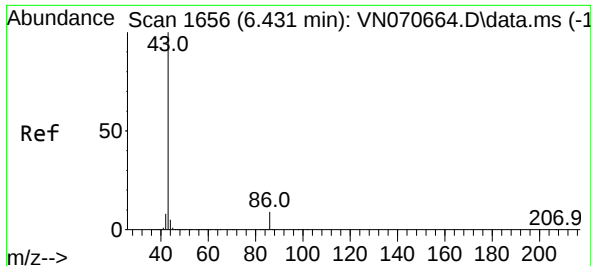
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#22
Diisopropyl ether
Concen: 19.484 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

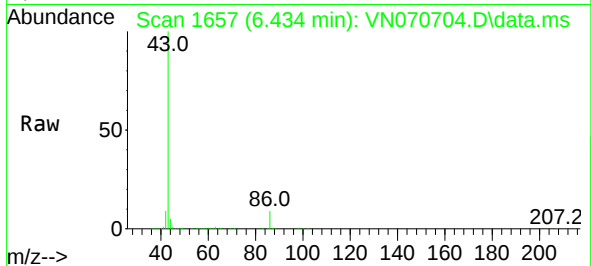
Tgt Ion: 45 Resp: 837684
Ion Ratio Lower Upper
45 100
43 59.7 51.7 77.5
87 23.3 23.2 34.8
59 10.9 9.4 14.0





#23
 Vinyl Acetate
 Concen: 98.433 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. 0.003 min
 Lab File: VN070704.D
 Acq: 19 Jan 2022 17:02

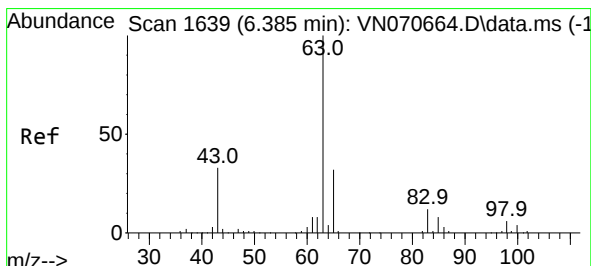
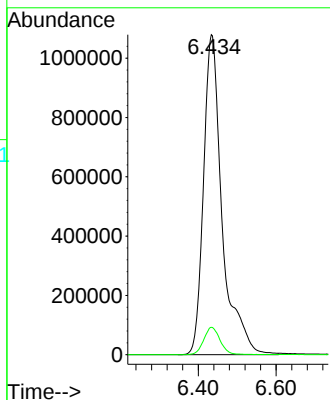
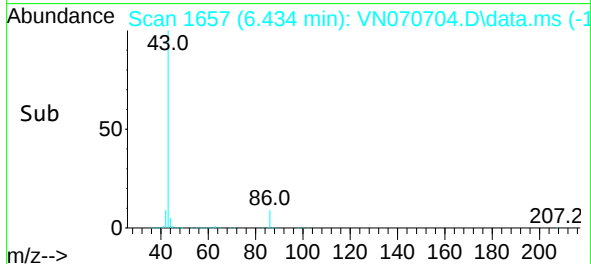
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119MBS02



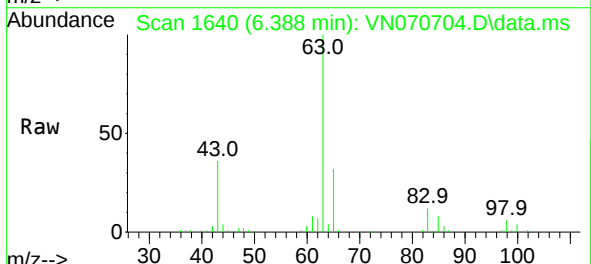
Tgt Ion: 43 Resp: 358731
 Ion Ratio Lower Upper
 43 100
 86 8.5 8.5 12.7

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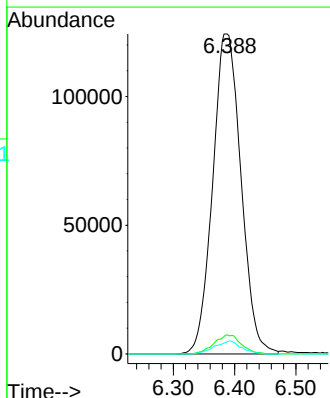
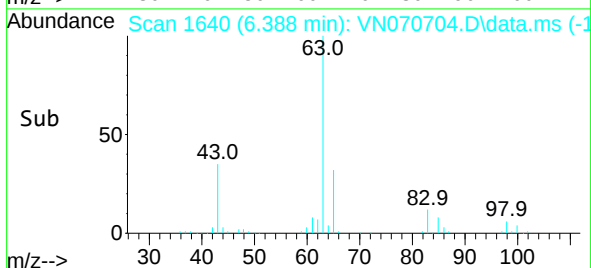
Reviewed By :John Carlone 01/20/2022
 Supervised By :Mahesh Dadoda 01/20/2022

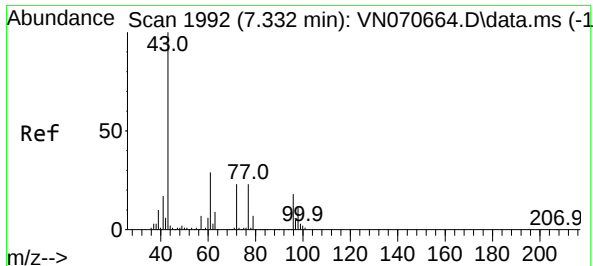


#24
 1,1-Dichloroethane
 Concen: 18.550 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.003 min
 Lab File: VN070704.D
 Acq: 19 Jan 2022 17:02



Tgt Ion: 63 Resp: 398924
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.3 9.9
 100 3.8 2.1 6.5





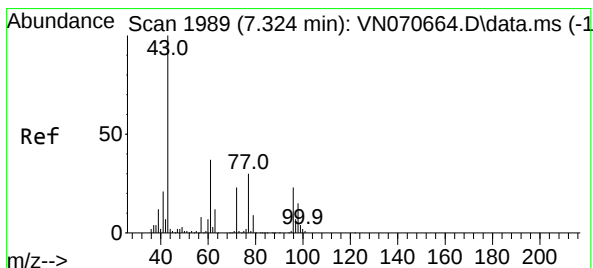
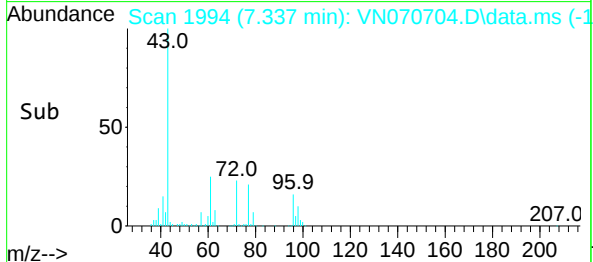
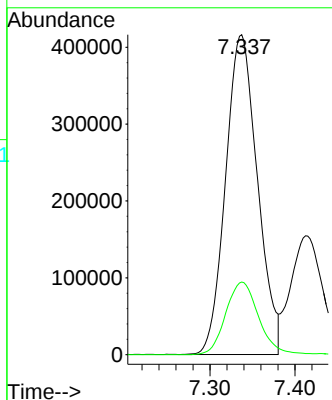
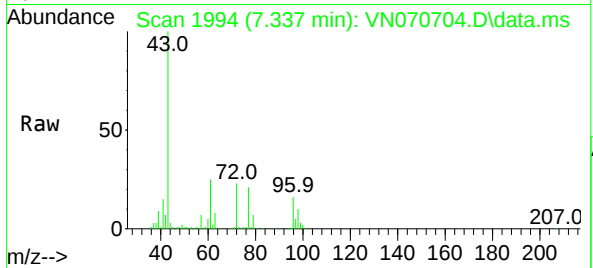
#25
2-Butanone
Concen: 96.309 ug/l
RT: 7.337 min Scan# 1994
Delta R.T. 0.005 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02

Tgt Ion: 43 Resp: 108478
Ion Ratio Lower Upper
43 100
72 22.7 21.7 32.5

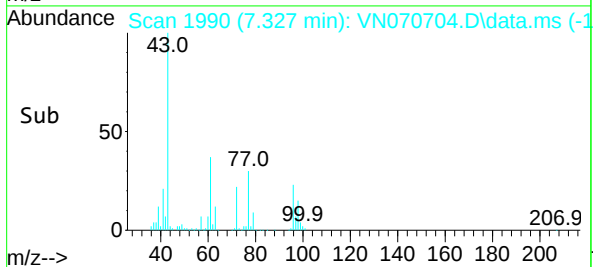
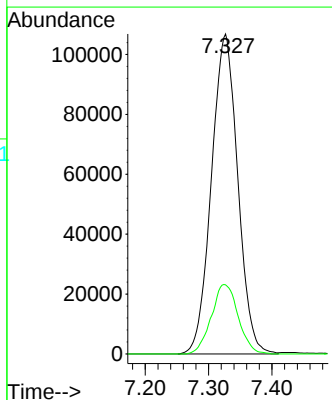
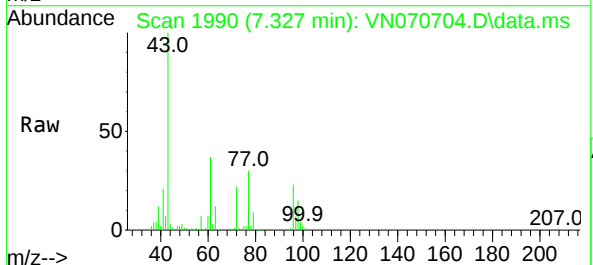
Manual Integrations
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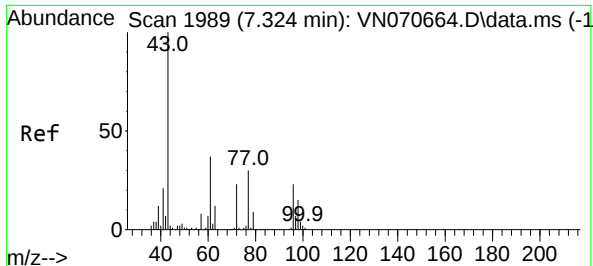
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#26
2,2-Dichloropropane
Concen: 18.724 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.003 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

Tgt Ion: 77 Resp: 308731
Ion Ratio Lower Upper
77 100
97 22.2 11.6 34.8





#27

cis-1,2-Dichloroethene

Concen: 18.533 ug/l

RT: 7.327 min Scan# 1989

Delta R.T. 0.003 min

Lab File: VN070704.D

Acq: 19 Jan 2022 17:02

Instrument :

MSVOA_N

ClientSampleId :

VN0119MBS02

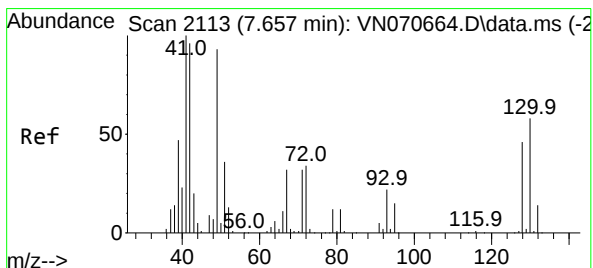
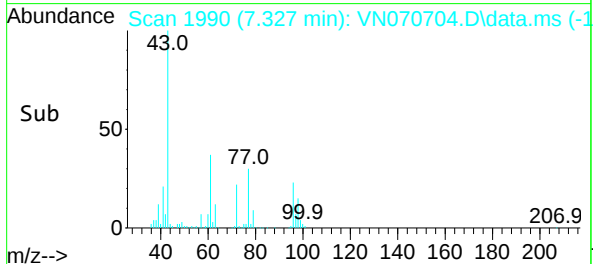
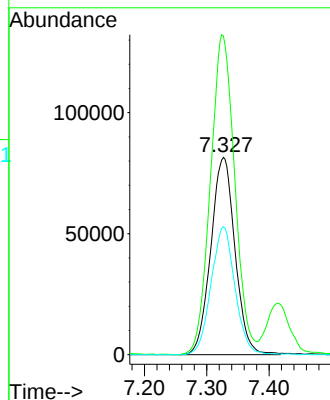
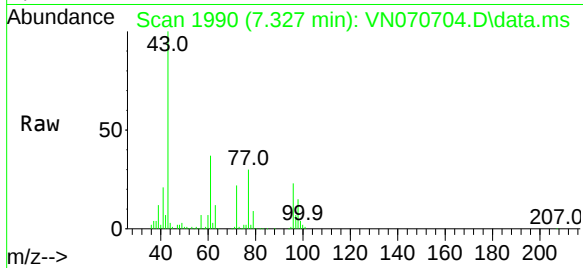
Tgt Ion:	96	Resp:	220584
Ion Ratio	Lower	Upper	
96	100		
61	162.5	0.0	275.0
98	64.0	0.0	129.6

Manual Integrations

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Reviewed By :John Carlone 01/20/2022

Supervised By :Mahesh Dadoda 01/20/2022



#28

Bromochloromethane

Concen: 18.720 ug/l

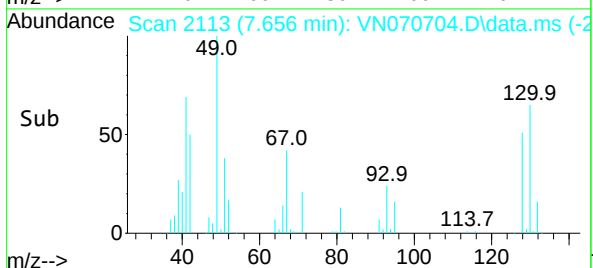
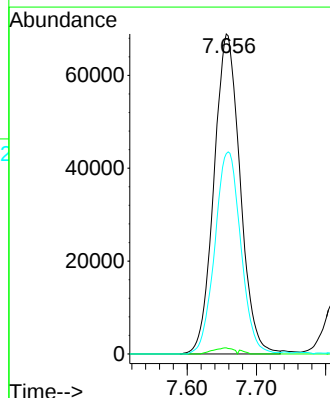
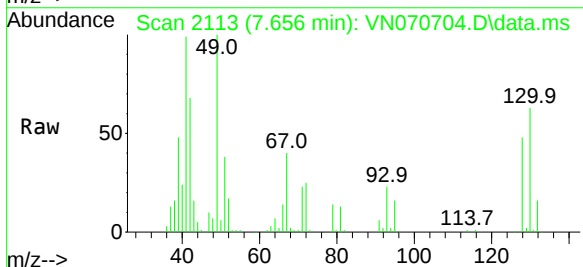
RT: 7.656 min Scan# 2113

Delta R.T. -0.001 min

Lab File: VN070704.D

Acq: 19 Jan 2022 17:02

Tgt Ion:	49	Resp:	180746
Ion Ratio	Lower	Upper	
49	100		
129	1.5	0.0	4.0
130	62.7	67.8	101.8





#29

Tetrahydrofuran

Concen: 100.912 ug/l

RT: 7.686 min Scan# 2123

Delta R.T. 0.003 min

Lab File: VN070704.D

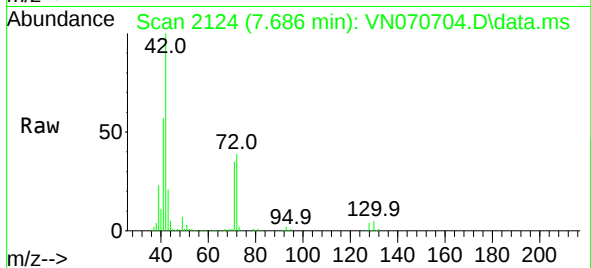
Acq: 19 Jan 2022 17:02

Instrument :

MSVOA_N

ClientSampleId :

VN0119MBS02



Tgt Ion: 42 Resp: 69596

Ion Ratio Lower Upper

42 100

72 37.4 36.3 54.5

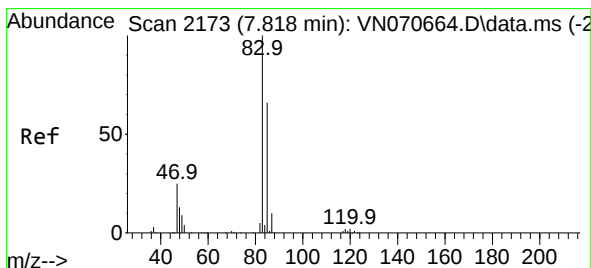
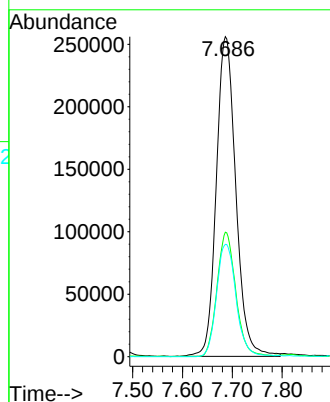
71 35.1 34.7 52.1

Manual Integrations

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Reviewed By :John Carlone 01/20/2022

Supervised By :Mahesh Dadoda 01/20/2022



#30

Chloroform

Concen: 17.844 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.001 min

Lab File: VN070704.D

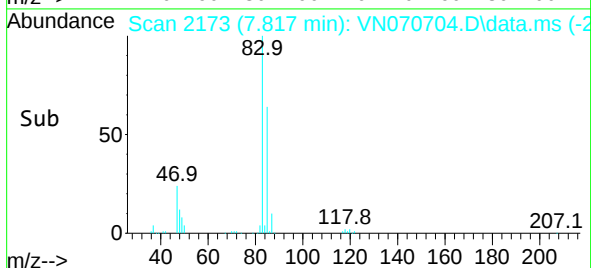
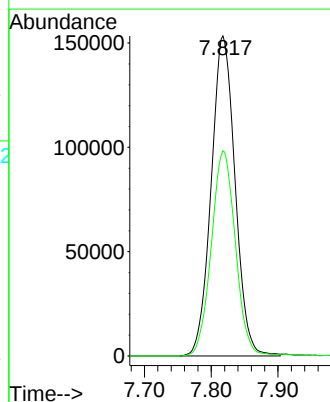
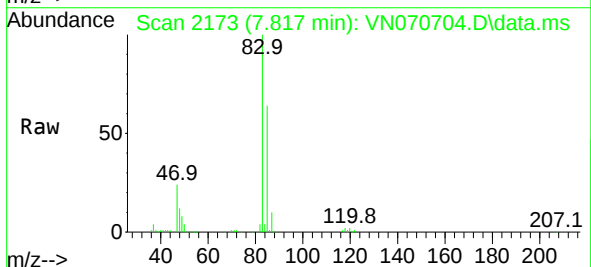
Acq: 19 Jan 2022 17:02

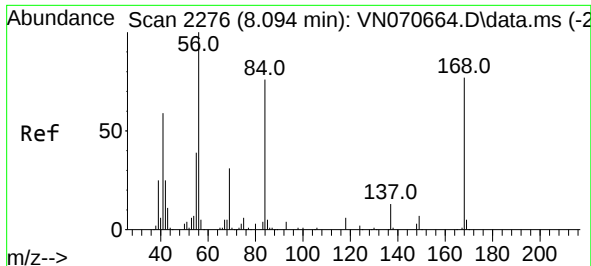
Tgt Ion: 83 Resp: 381570

Ion Ratio Lower Upper

83 100

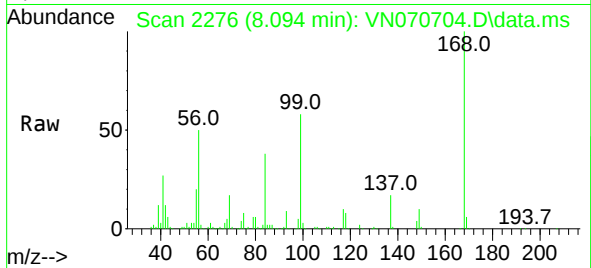
85 64.1 51.9 77.9





#31
Cyclohexane
Concen: 18.296 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

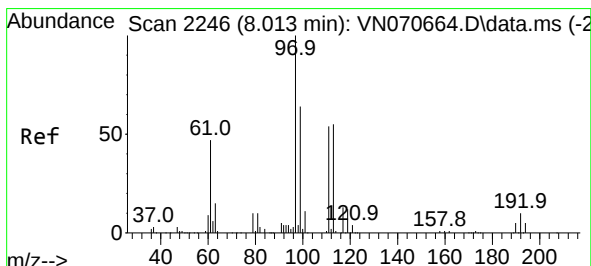
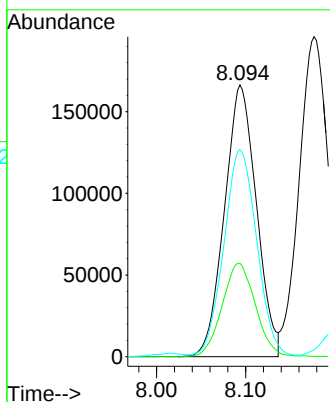
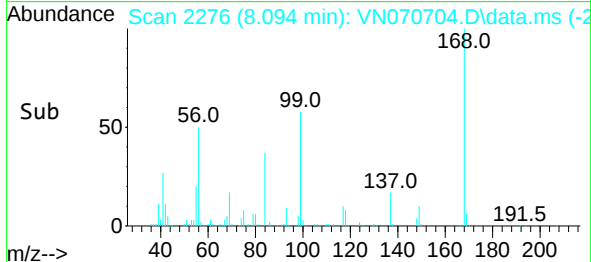
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02



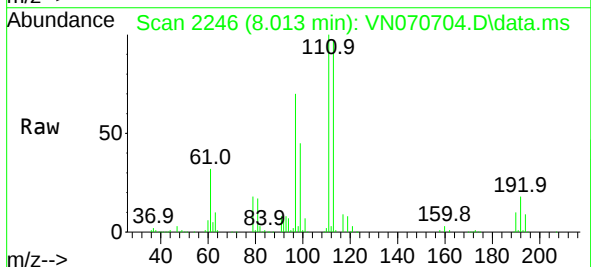
Tgt Ion: 56 Resp: 41548
Ion Ratio Lower Upper
56 100
69 34.4 27.1 40.7
84 75.2 73.4 110.0

Manual Integrations
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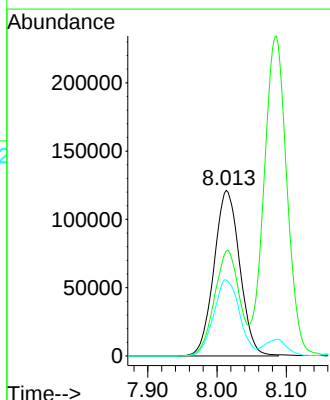
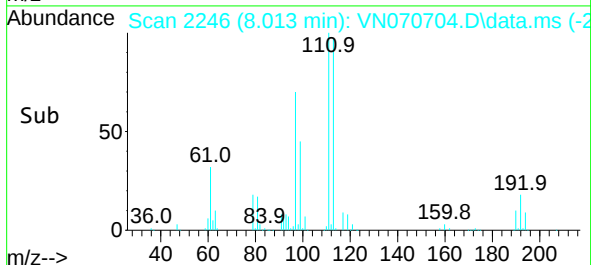
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

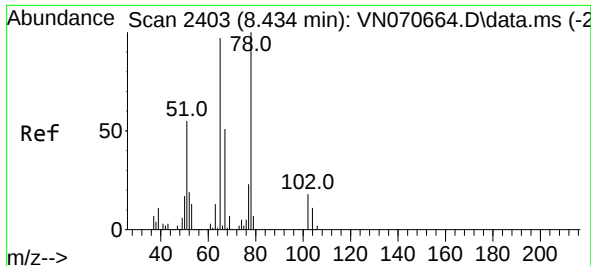


#32
1,1,1-Trichloroethane
Concen: 18.781 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02



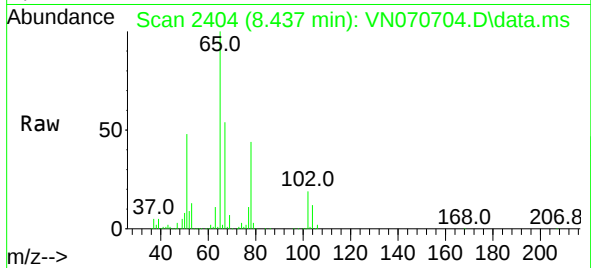
Tgt Ion: 97 Resp: 313494
Ion Ratio Lower Upper
97 100
99 61.4 50.1 75.1
61 46.3 35.2 52.8





#33
 1,2-Dichloroethane-d4
 Concen: 49.686 ug/l
 RT: 8.437 min Scan# 2403
 Delta R.T. 0.003 min
 Lab File: VN070704.D
 Acq: 19 Jan 2022 17:02

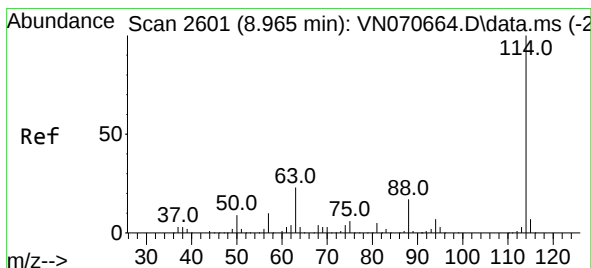
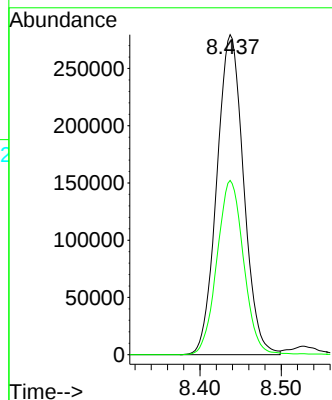
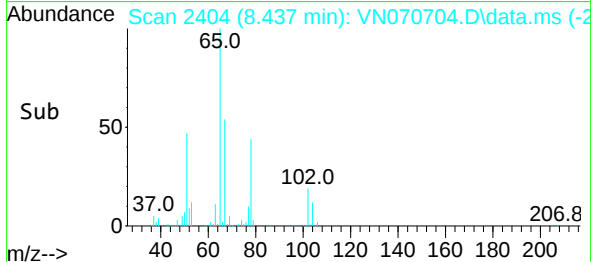
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119MBS02



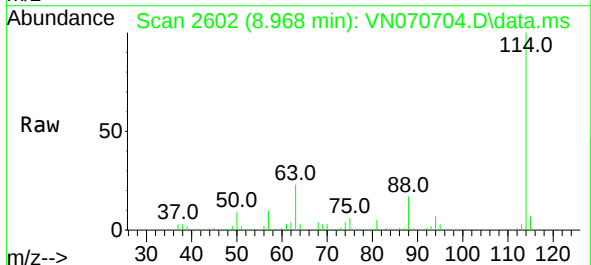
Tgt Ion: 65 Resp: 640772
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 103.0

Manual Integrations
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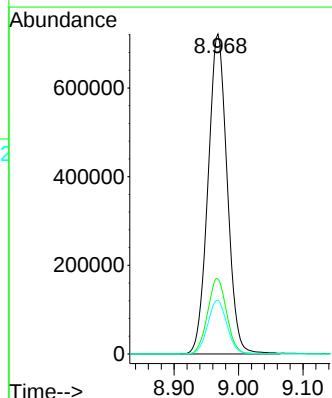
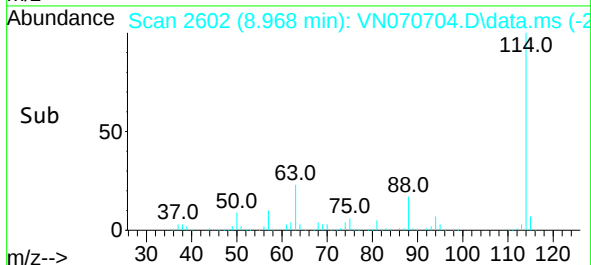
Reviewed By :John Carlone 01/20/2022
 Supervised By :Mahesh Dadoda 01/20/2022

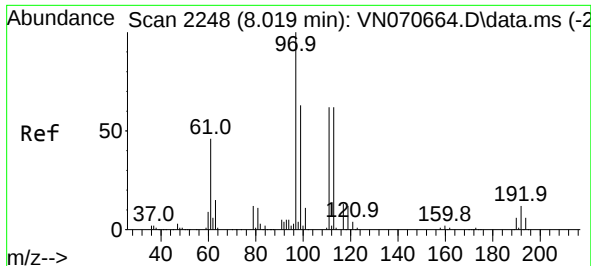


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.968 min Scan# 2602
 Delta R.T. 0.003 min
 Lab File: VN070704.D
 Acq: 19 Jan 2022 17:02



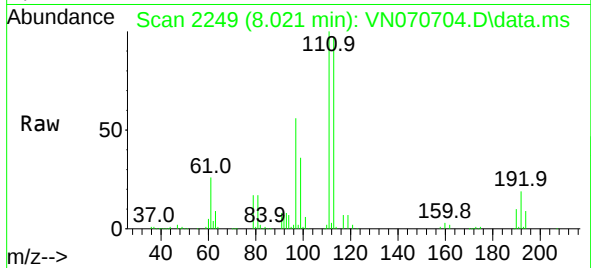
Tgt Ion:114 Resp: 1491025
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 37.8
 88 16.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.026 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. 0.002 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

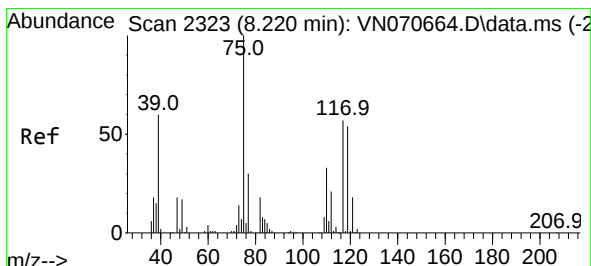
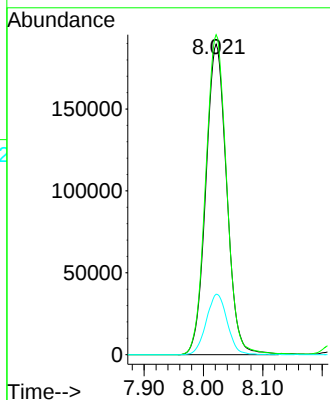
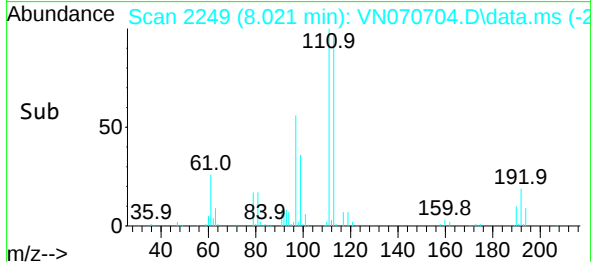
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02



Tgt Ion: 113 Resp: 46268
Ion Ratio Lower Upper
113 100
111 103.5 82.2 123.2
192 19.6 16.9 25.3

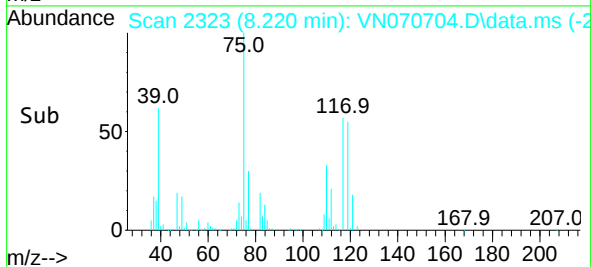
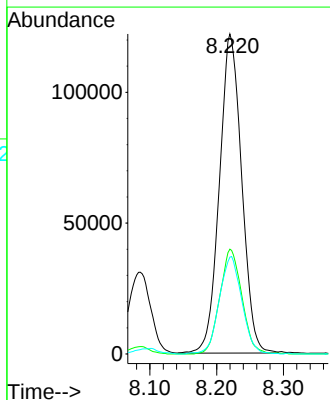
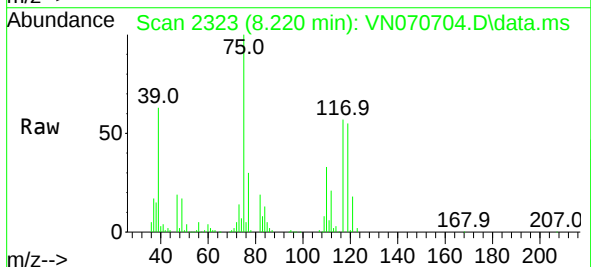
Manual Integrations
APPROVED

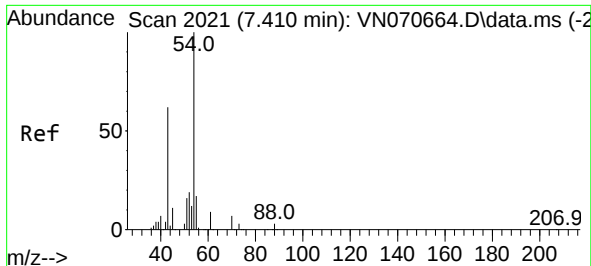
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#36
1,1-Dichloropropene
Concen: 18.149 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

Tgt Ion: 75 Resp: 282587
Ion Ratio Lower Upper
75 100
110 32.5 18.4 55.2
77 31.0 24.4 36.6





#37

Ethyl Acetate

Concen: 19.469 ug/l

RT: 7.412 min Scan# 20

Delta R.T. 0.002 min

Lab File: VN070704.D

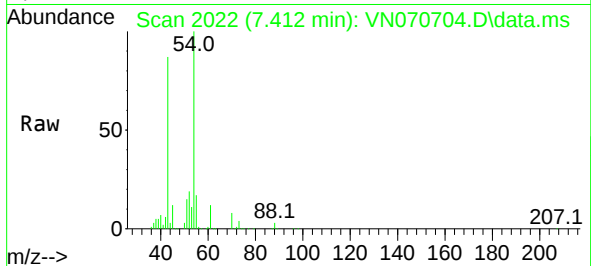
Acq: 19 Jan 2022 17:02

Instrument :

MSVOA_N

ClientSampleId :

VN0119MBS02



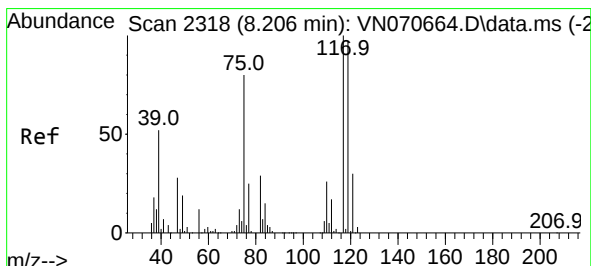
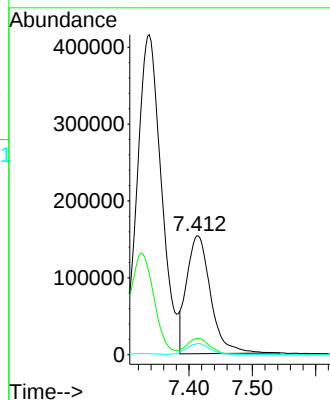
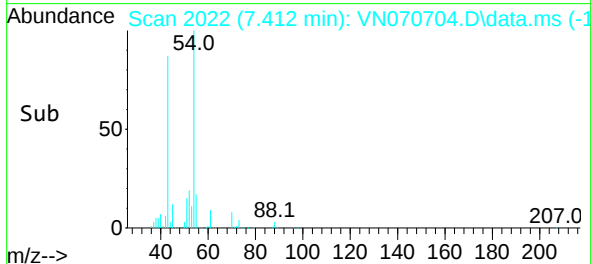
Tgt Ion:	43	Resp:	402440
Ion	Ratio	Lower	Upper
43	100		
61	13.5	11.5	17.3
70	9.0	7.9	11.9

Manual Integrations

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Reviewed By :John Carlone 01/20/2022

Supervised By :Mahesh Dadoda 01/20/2022



#38

Carbon Tetrachloride

Concen: 18.166 ug/l

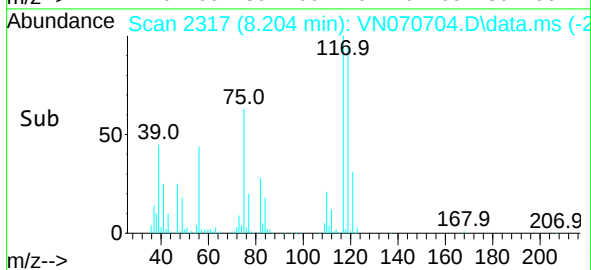
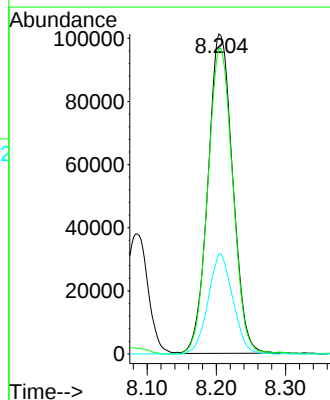
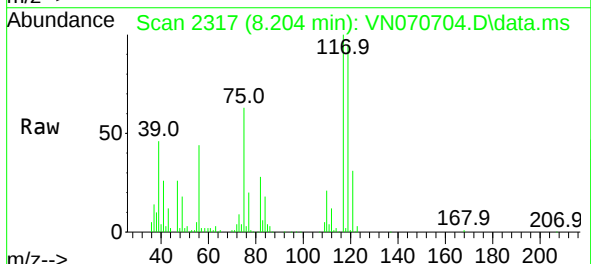
RT: 8.204 min Scan# 2317

Delta R.T. -0.002 min

Lab File: VN070704.D

Acq: 19 Jan 2022 17:02

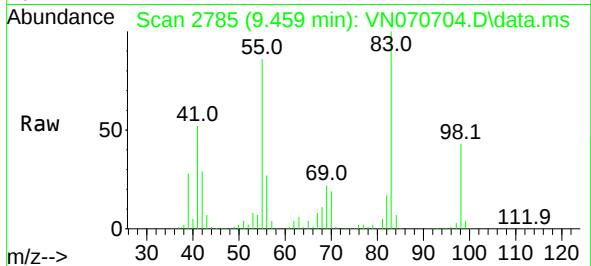
Tgt Ion:	117	Resp:	251629
Ion	Ratio	Lower	Upper
117	100		
119	95.5	76.1	114.1
121	31.2	24.2	36.2





#39
Methylcyclohexane
Concen: 18.337 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

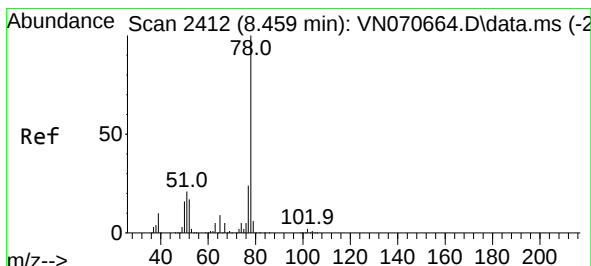
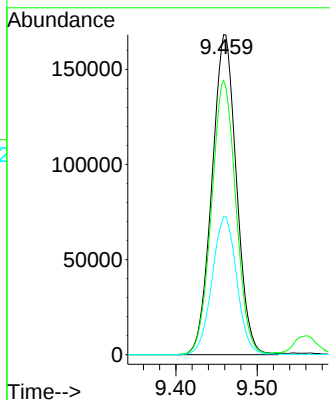
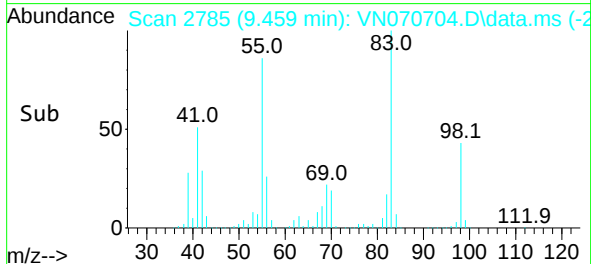
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02



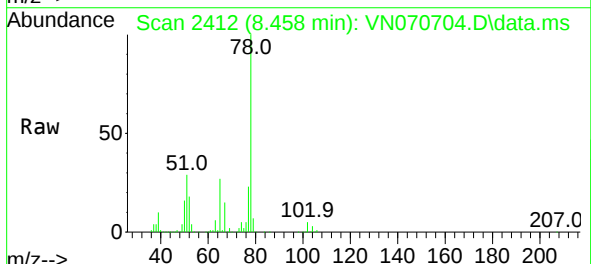
Tgt Ion: 83 Resp: 352469
Ion Ratio Lower Upper
83 100
55 85.6 58.1 87.1
98 43.1 38.4 57.6

Manual Integrations
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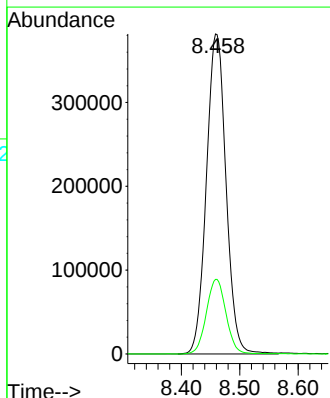
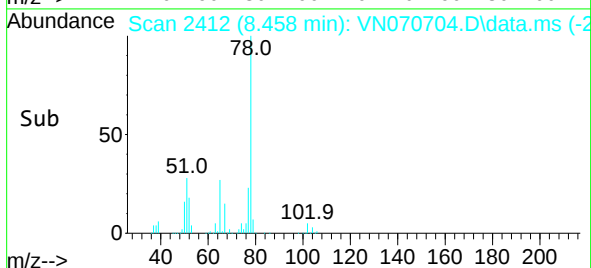
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

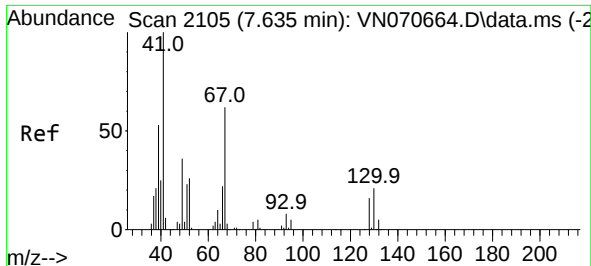


#40
Benzene
Concen: 18.461 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.001 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02



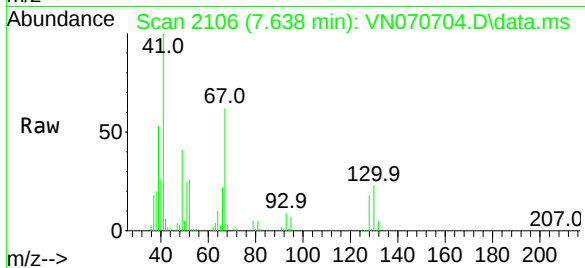
Tgt Ion: 78 Resp: 890654
Ion Ratio Lower Upper
78 100
77 23.3 18.6 27.8





#41
Methacrylonitrile
Concen: 19.673 ug/l
RT: 7.638 min Scan# 2105
Delta R.T. 0.003 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

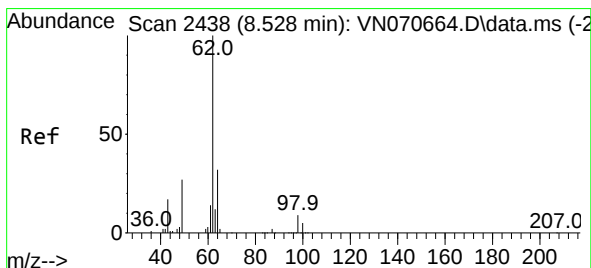
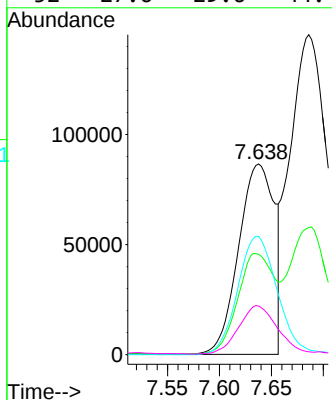
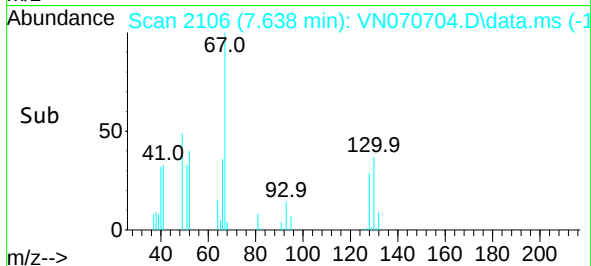
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02



Tgt Ion: 41 Resp: 206894
Ion Ratio Lower Upper
41 100
39 53.0 48.1 72.1
67 69.1 68.3 102.5
52 27.6 29.6 44.4#

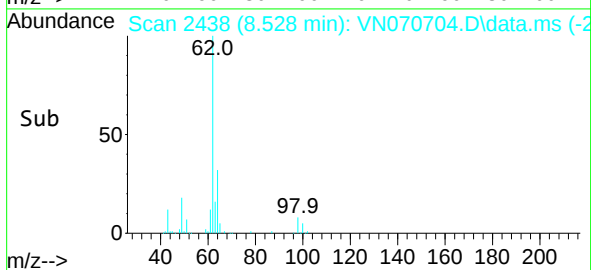
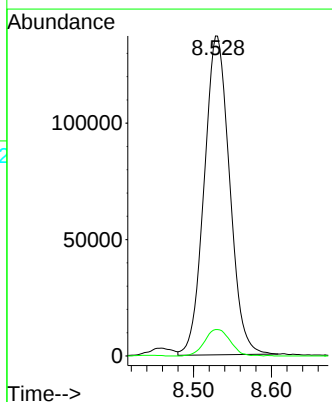
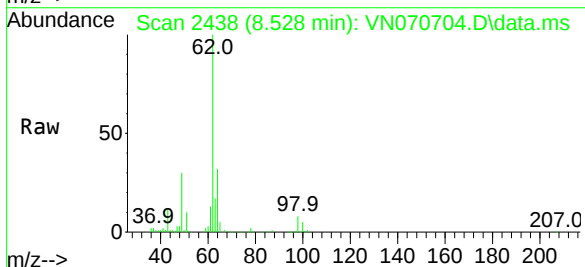
Manual Integrations
APPROVED

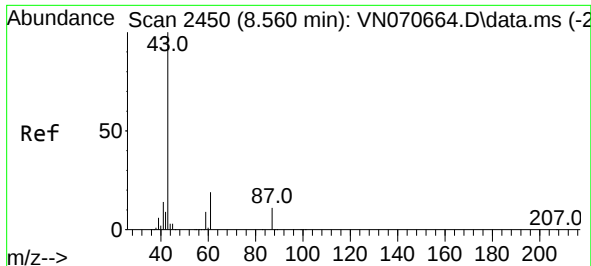
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#42
1,2-Dichloroethane
Concen: 18.548 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

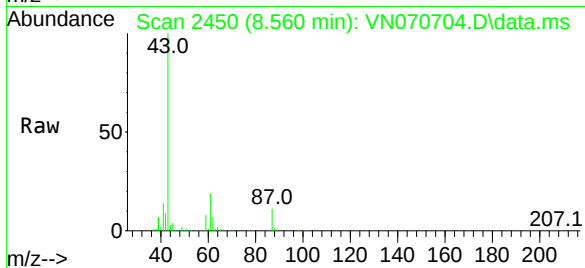
Tgt Ion: 62 Resp: 310281
Ion Ratio Lower Upper
62 100
98 8.4 0.0 17.6





#43
Isopropyl Acetate
Concen: 20.150 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

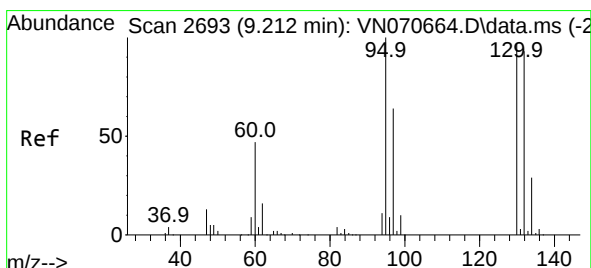
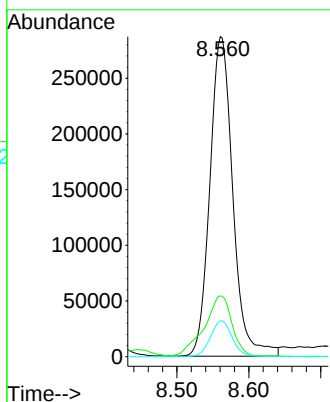
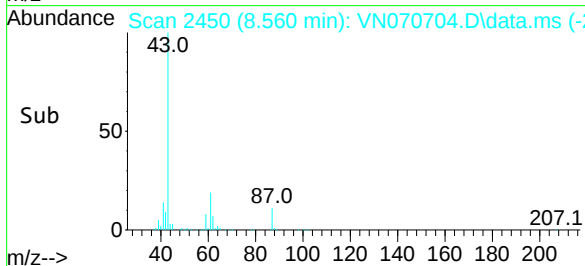
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02



Tgt Ion: 43 Resp: 63619
Ion Ratio Lower Upper
43 100
61 22.8 20.4 30.6
87 10.7 11.2 16.8

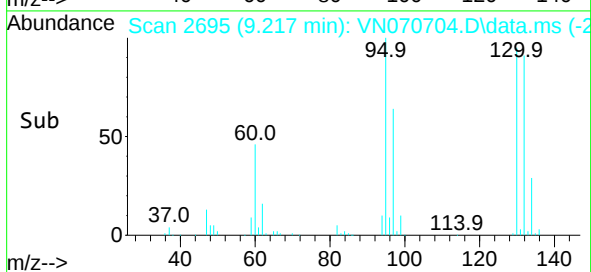
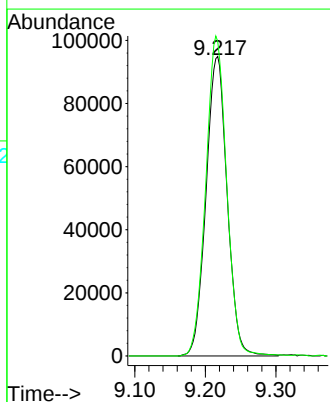
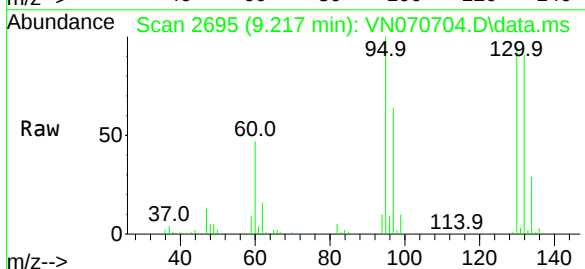
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#44
Trichloroethene
Concen: 18.074 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.005 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

Tgt Ion:130 Resp: 197681
Ion Ratio Lower Upper
130 100
95 105.0 0.0 191.2





#45

1,2-Dichloropropane

Concen: 18.754 ug/l

RT: 9.488 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070704.D

Acq: 19 Jan 2022 17:02

Instrument :

MSVOA_N

ClientSampleId :

VN0119MBS02

Tgt Ion: 63 Resp: 24617

Ion Ratio Lower Upper

63 100

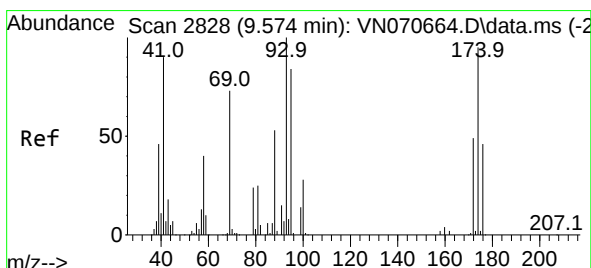
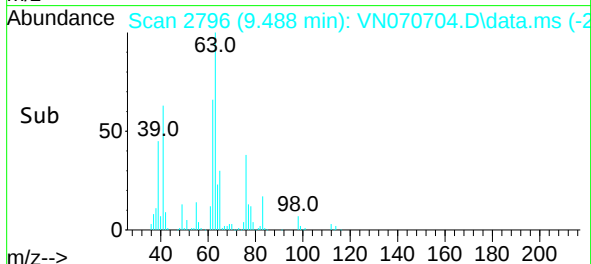
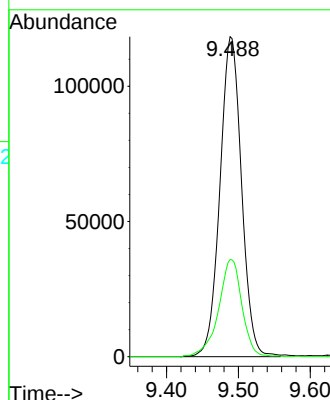
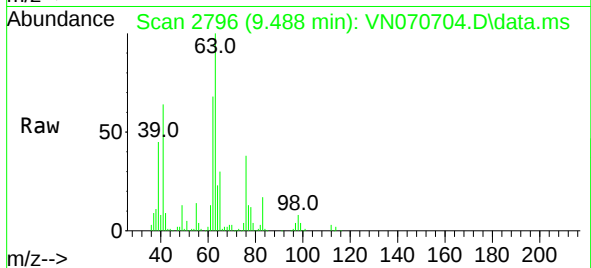
65 30.3 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2022

Supervised By :Mahesh Dadoda 01/20/2022



#46

Dibromomethane

Concen: 18.448 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.003 min

Lab File: VN070704.D

Acq: 19 Jan 2022 17:02

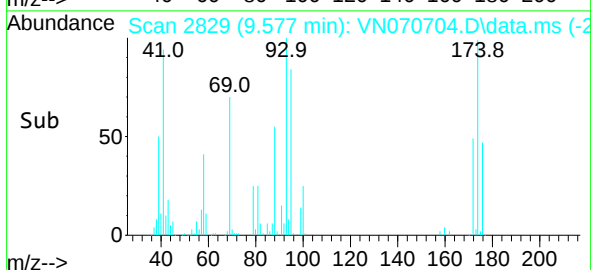
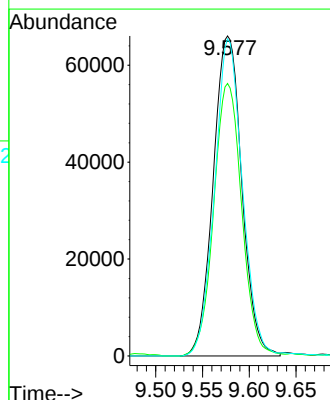
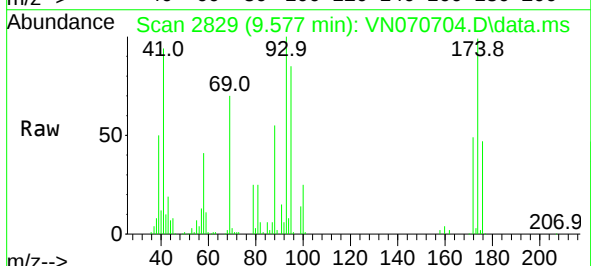
Tgt Ion: 93 Resp: 140803

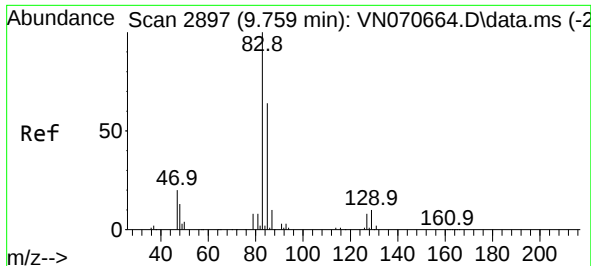
Ion Ratio Lower Upper

93 100

95 83.3 65.9 98.9

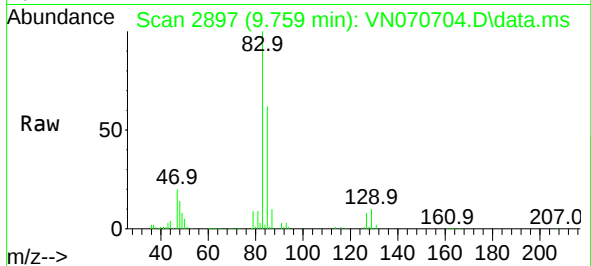
174 96.6 84.6 127.0





#47
Bromodichloromethane
Concen: 17.780 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. 0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

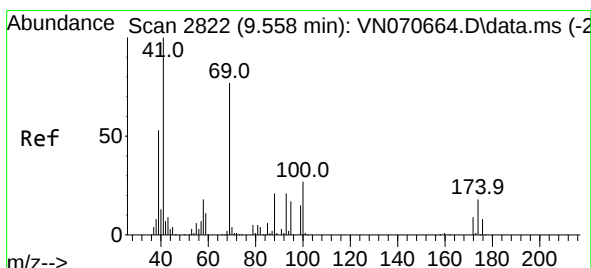
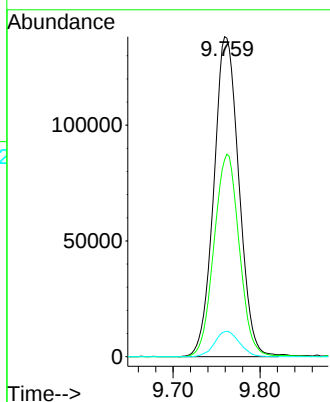
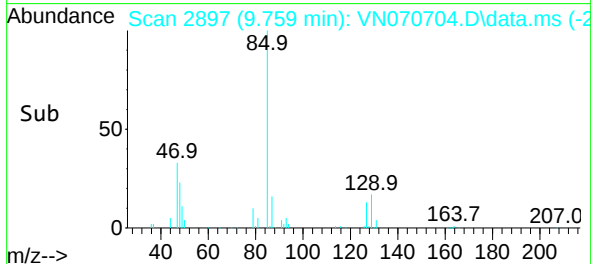
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02



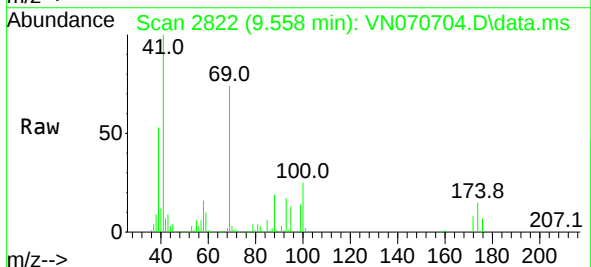
Tgt Ion: 83 Resp: 277390
Ion Ratio Lower Upper
83 100
85 61.6 50.9 76.3
127 7.8 7.1 10.7

Manual Integrations
APPROVED

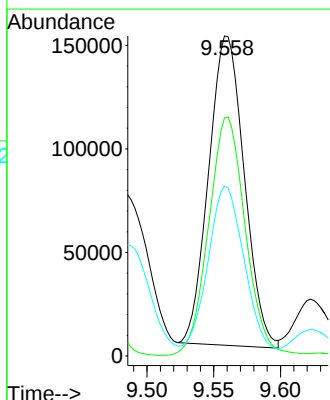
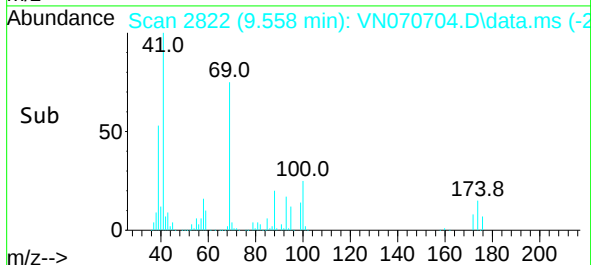
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#48
Methyl methacrylate
Concen: 18.394 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. 0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02



Tgt Ion: 41 Resp: 276671
Ion Ratio Lower Upper
41 100
69 79.5 72.4 108.6
39 52.5 58.4 87.6#





#49

1,4-Dioxane

Concen: 397.785 ug/l

RT: 9.571 min Scan# 2826

Delta R.T. 0.002 min

Lab File: VN070704.D

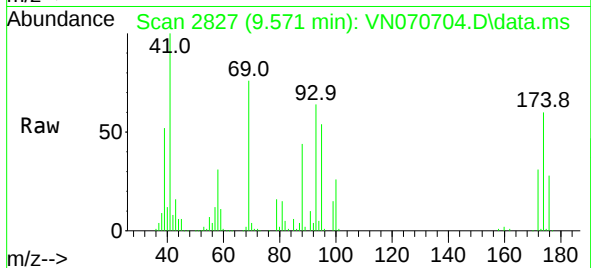
Acq: 19 Jan 2022 17:02

Instrument :

MSVOA_N

ClientSampleId :

VN0119MBS02



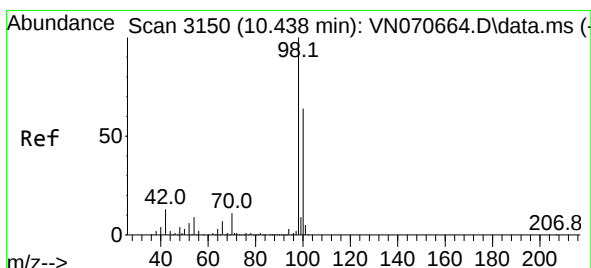
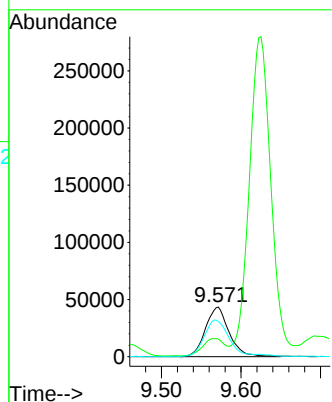
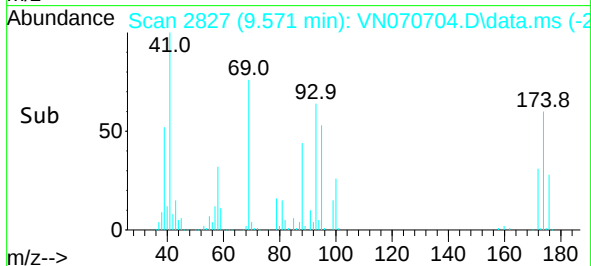
Tgt Ion:	88	Resp:	89875
Ion Ratio	Lower	Upper	
88	100		
43	32.5	23.4	35.2
58	76.9	50.6	75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2022

Supervised By :Mahesh Dadoda 01/20/2022



#50

Toluene-d8

Concen: 49.394 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. 0.002 min

Lab File: VN070704.D

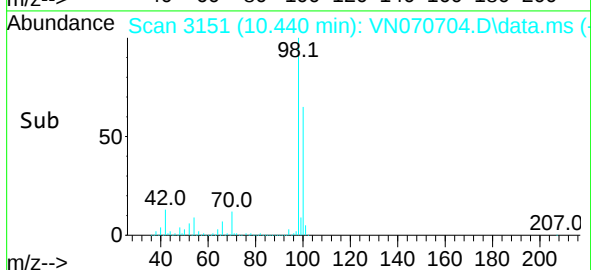
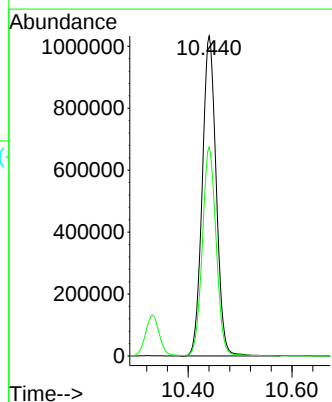
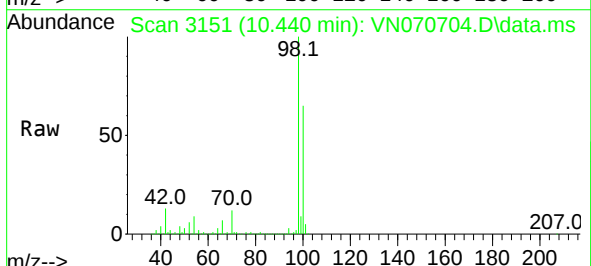
Acq: 19 Jan 2022 17:02

Tgt Ion: 98 Resp: 1924559

Ion Ratio Lower Upper

98 100

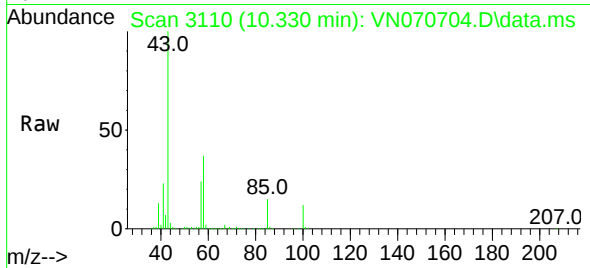
100 64.6 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 99.437 ug/l
RT: 10.330 min Scan# 3110
Delta R.T. 0.002 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

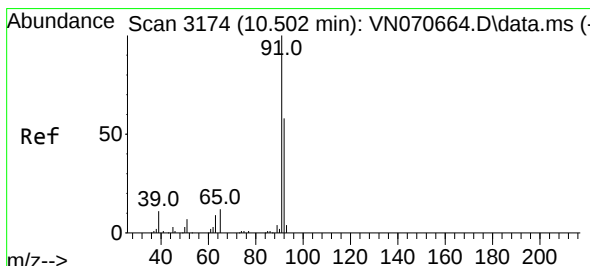
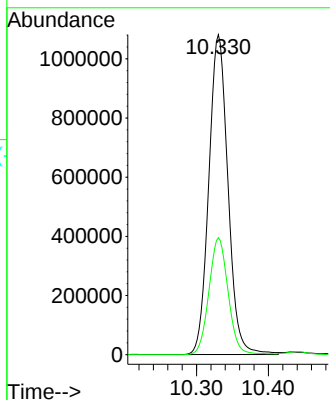
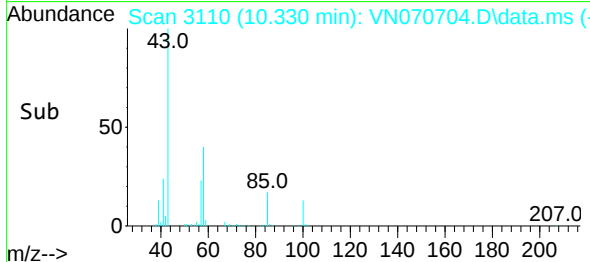
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02



Tgt Ion: 43 Resp: 2003334
Ion Ratio Lower Upper
43 100
58 36.7 30.4 45.6

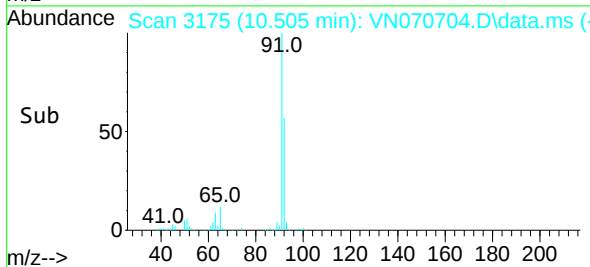
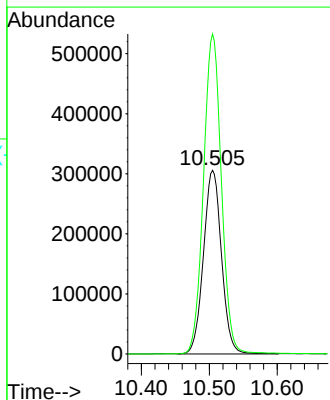
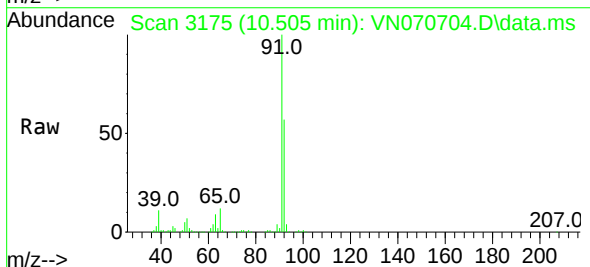
Manual Integrations
APPROVED

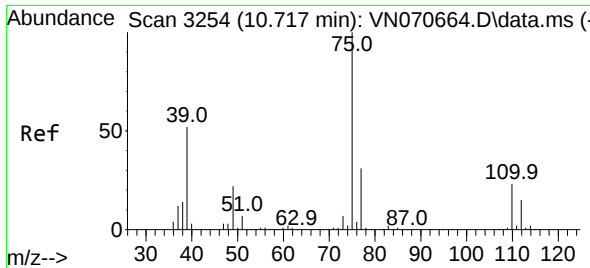
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#52
Toluene
Concen: 19.573 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. 0.003 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

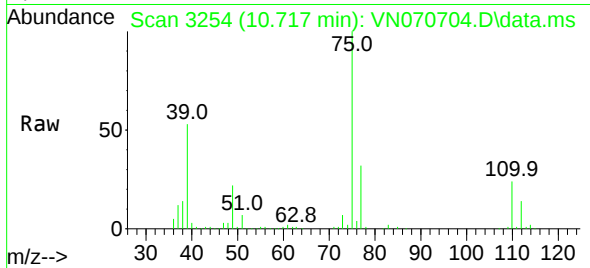
Tgt Ion: 92 Resp: 564859
Ion Ratio Lower Upper
92 100
91 172.1 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 18.307 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

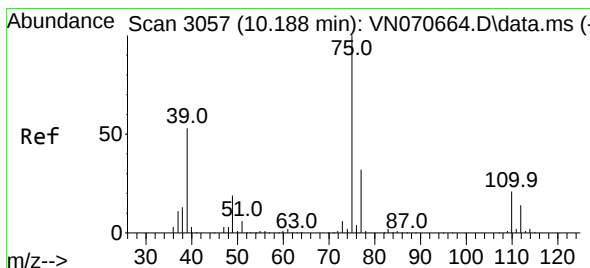
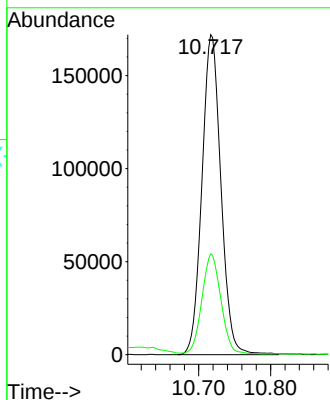
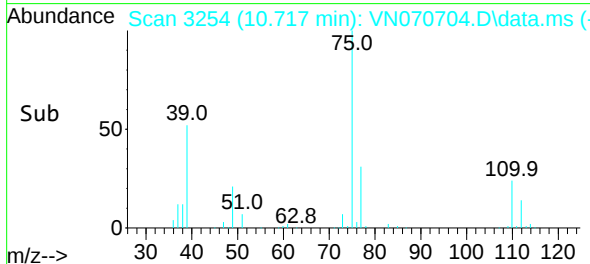
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02



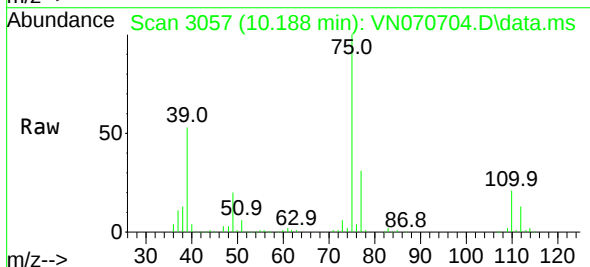
Tgt Ion: 75 Resp: 316080
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4

Manual Integrations
APPROVED

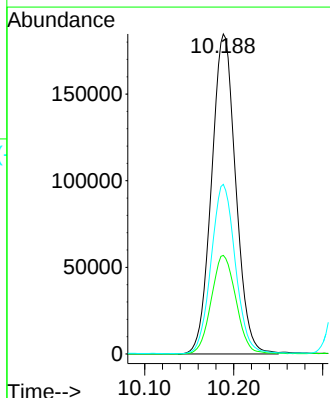
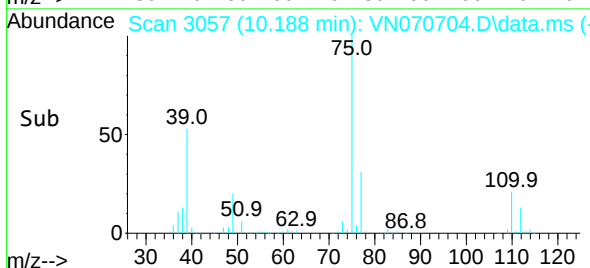
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

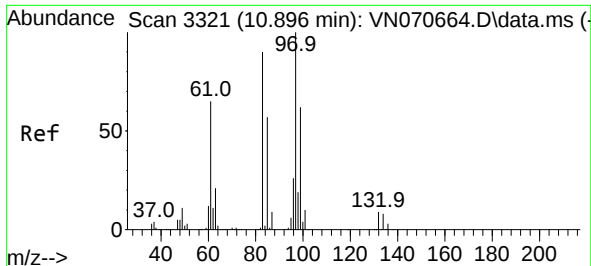


#54
cis-1,3-Dichloropropene
Concen: 18.613 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02



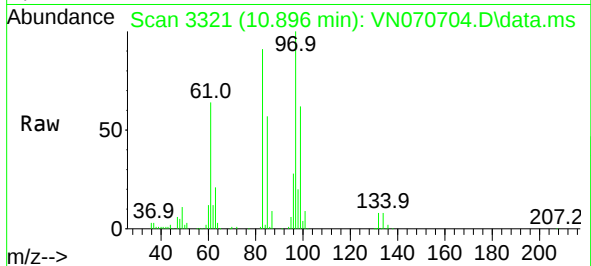
Tgt Ion: 75 Resp: 348262
Ion Ratio Lower Upper
75 100
77 30.8 26.4 39.6
39 52.9 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 18.539 ug/l
RT: 10.896 min Scan# 3321
Delta R.T. 0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

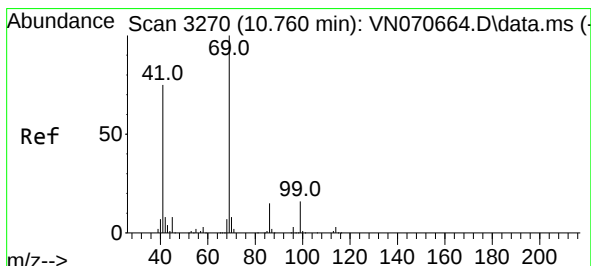
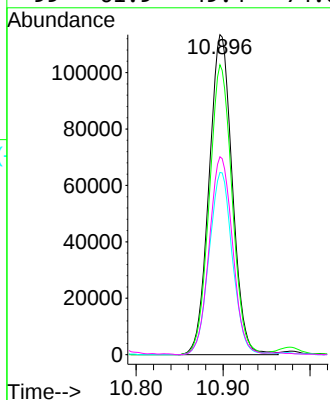
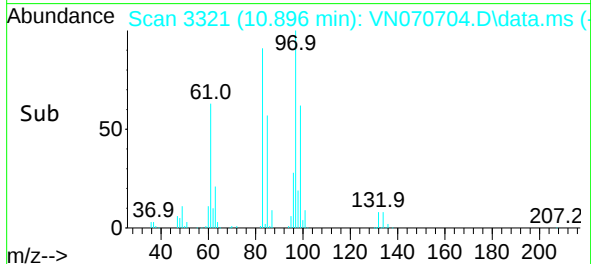
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02



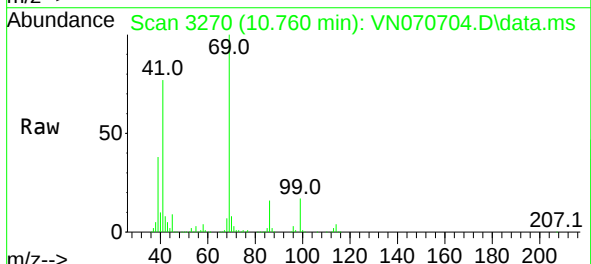
Tgt Ion: 97 Resp: 21018
Ion Ratio Lower Upper
97 100
83 90.6 67.8 101.6
85 57.0 45.4 68.2
99 61.9 49.4 74.0

Manual Integrations
APPROVED

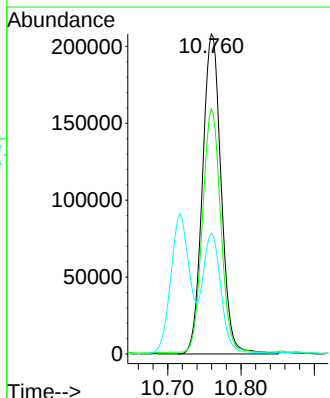
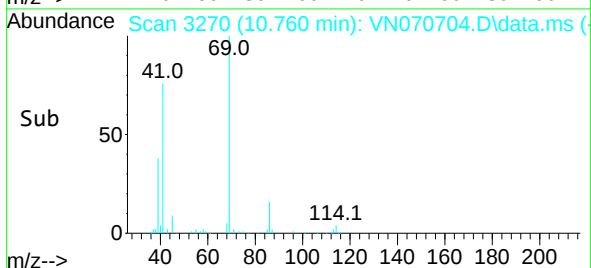
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#56
Ethyl methacrylate
Concen: 18.599 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02



Tgt Ion: 69 Resp: 368367
Ion Ratio Lower Upper
69 100
41 74.0 51.4 77.0
39 35.6 34.6 52.0





#57

1,3-Dichloropropane

Concen: 18.985 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN070704.D

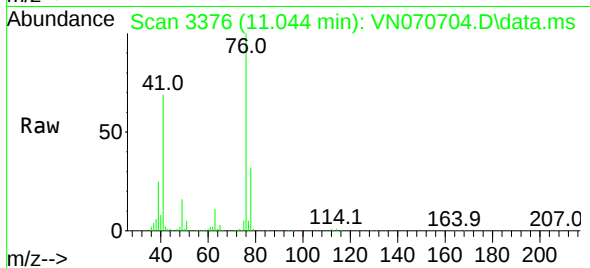
Acq: 19 Jan 2022 17:02

Instrument :

MSVOA_N

ClientSampleId :

VN0119MBS02



Tgt Ion: 76 Resp: 38103

Ion Ratio Lower Upper

76 100

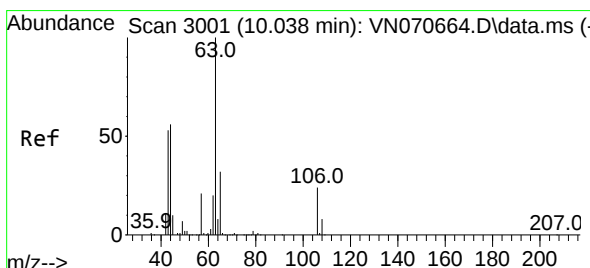
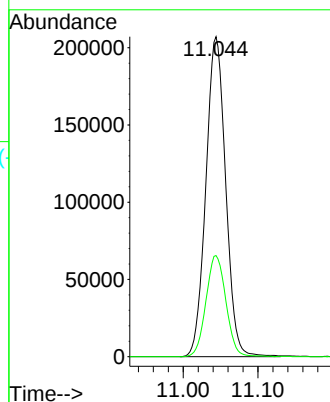
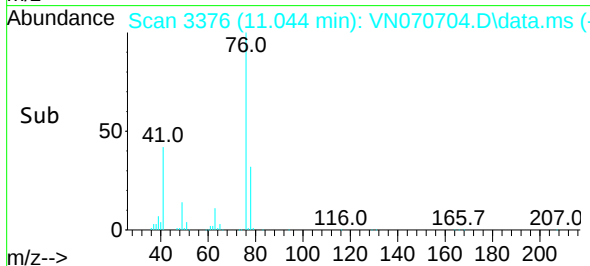
78 31.9 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2022

Supervised By :Mahesh Dadoda 01/20/2022



#58

2-Chloroethyl Vinyl ether

Concen: 100.148 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. 0.003 min

Lab File: VN070704.D

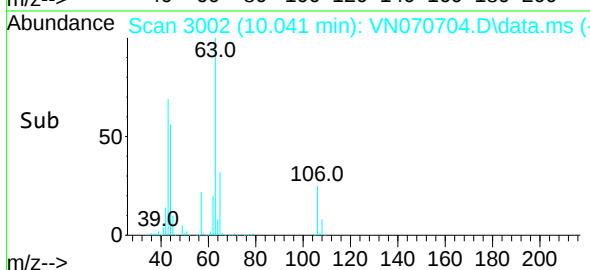
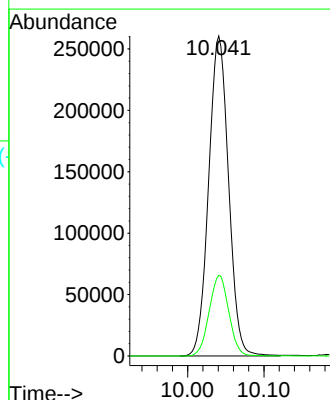
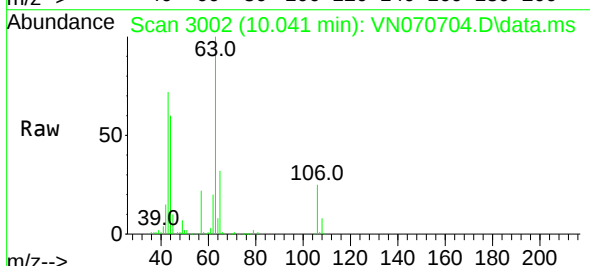
Acq: 19 Jan 2022 17:02

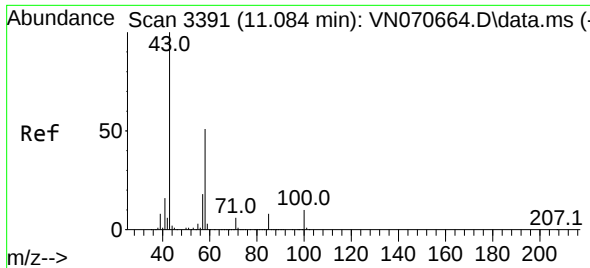
Tgt Ion: 63 Resp: 471700

Ion Ratio Lower Upper

63 100

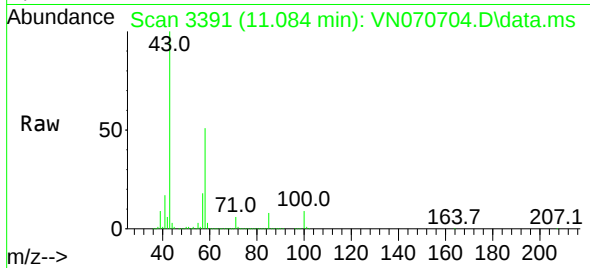
106 24.8 23.9 35.9





#59
2-Hexanone
Concen: 101.979 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

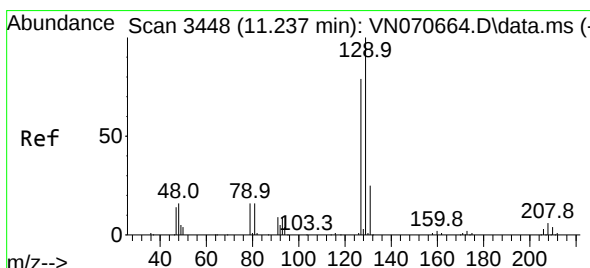
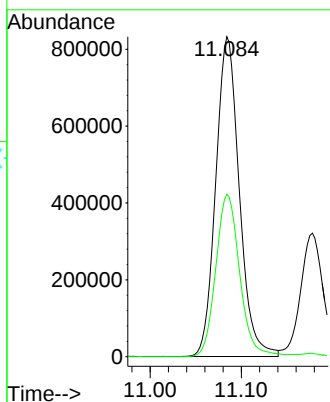
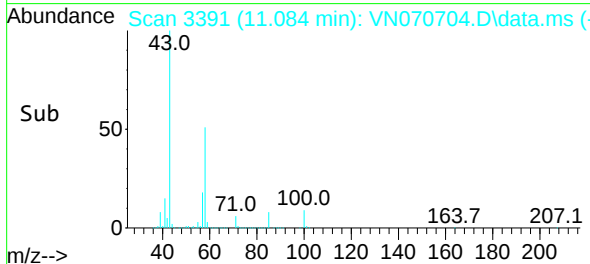
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02



Tgt Ion: 43 Resp: 1492540
Ion Ratio Lower Upper
43 100
58 51.6 26.9 80.7

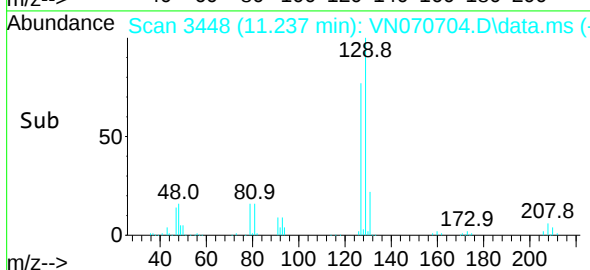
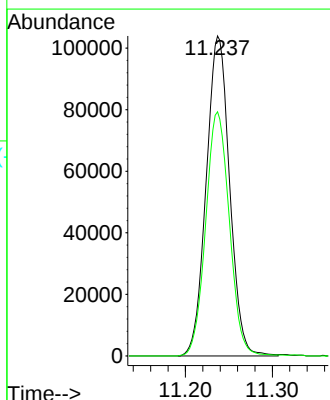
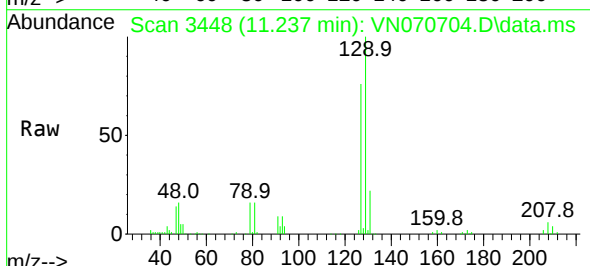
Manual Integrations
APPROVED

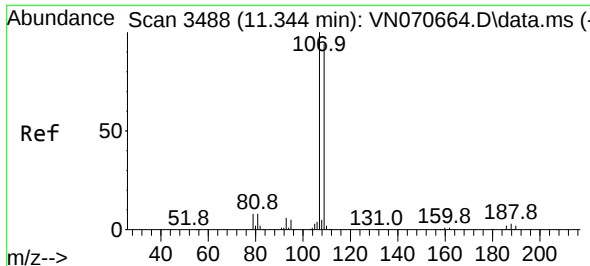
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#60
Dibromochloromethane
Concen: 18.377 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

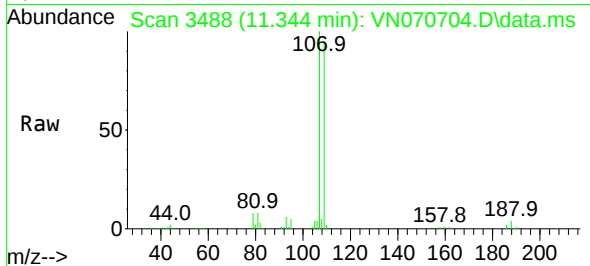
Tgt Ion:129 Resp: 194333
Ion Ratio Lower Upper
129 100
127 77.3 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.370 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. 0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

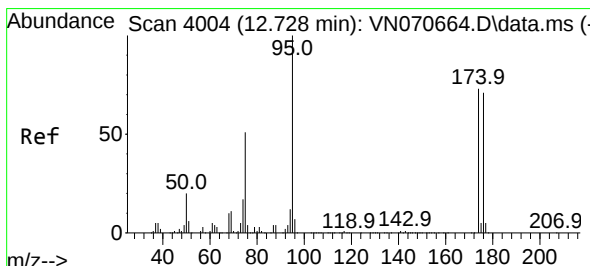
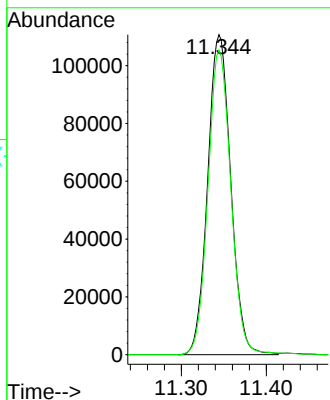
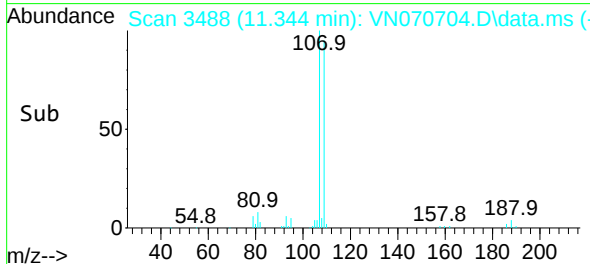
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02



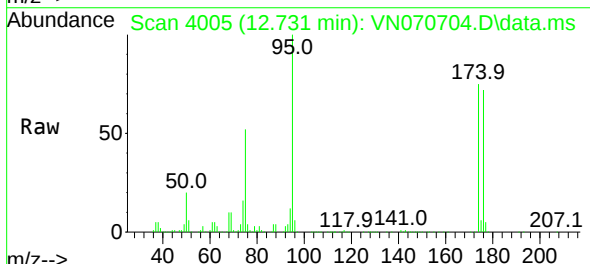
Tgt Ion: 107 Resp: 20910
Ion Ratio Lower Upper
107 100
109 94.5 75.7 113.5

Manual Integrations
APPROVED

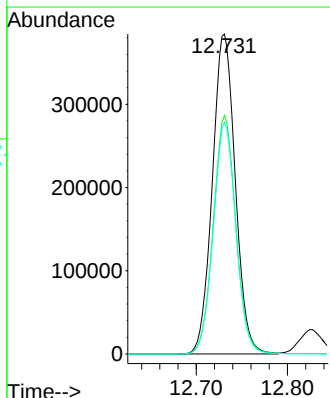
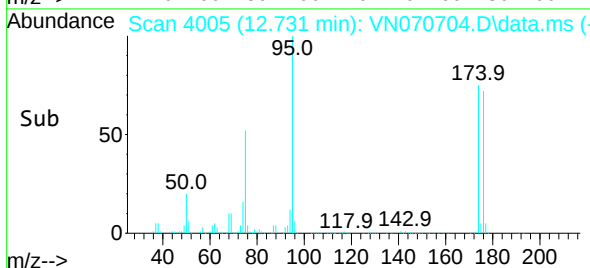
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

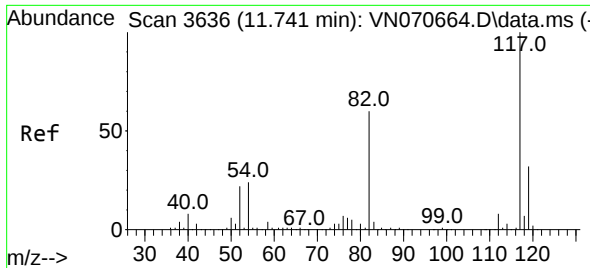


#62
4-Bromofluorobenzene
Concen: 48.347 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02



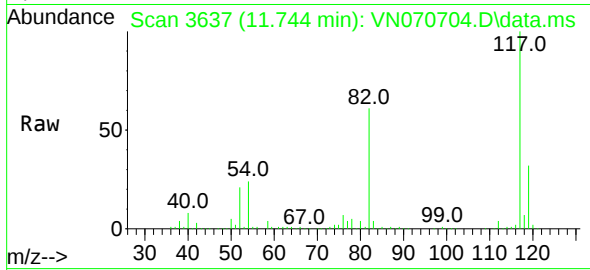
Tgt Ion: 95 Resp: 671267
Ion Ratio Lower Upper
95 100
174 73.5 0.0 187.2
176 71.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

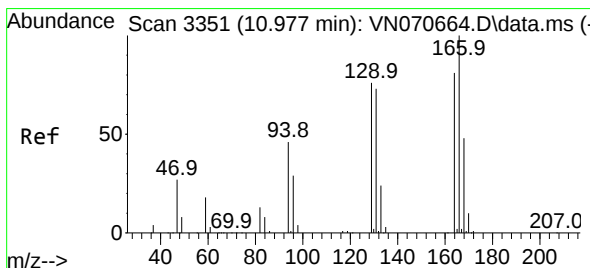
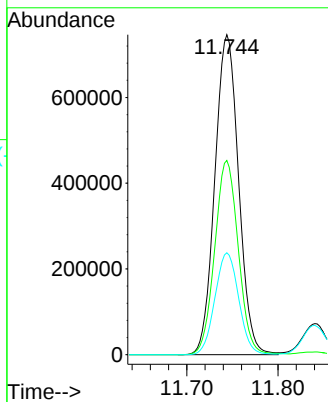
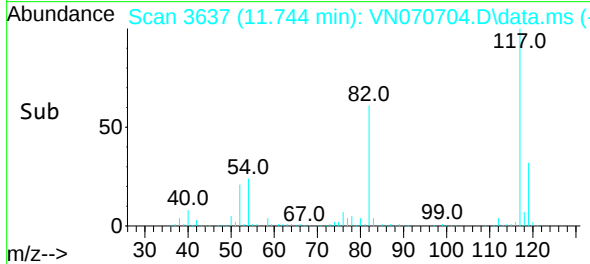
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02



Tgt Ion:117 Resp: 1350889
Ion Ratio Lower Upper
117 100
82 60.7 42.4 63.6
119 31.8 25.4 38.2

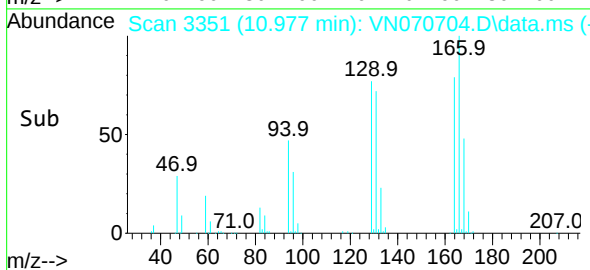
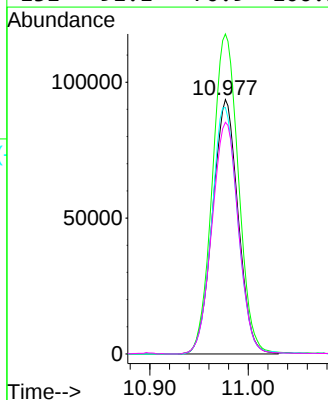
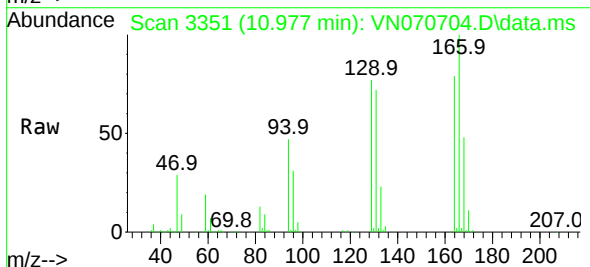
Manual Integrations
APPROVED

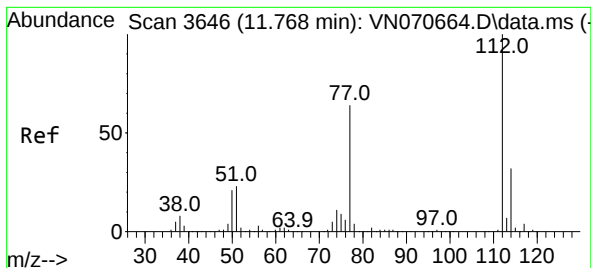
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#64
Tetrachloroethene
Concen: 17.115 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

Tgt Ion:164 Resp: 169520
Ion Ratio Lower Upper
164 100
166 125.8 101.9 152.9
129 96.8 72.0 108.0
131 91.1 70.9 106.3





#65

Chlorobenzene

Concen: 18.499 ug/l

RT: 11.768 min Scan# 3646

Delta R.T. -0.000 min

Lab File: VN070704.D

Acq: 19 Jan 2022 17:02

Instrument :

MSVOA_N

ClientSampleId :

VN0119MBS02

Tgt Ion:112 Resp: 54144

Ion Ratio Lower Upper

112 100

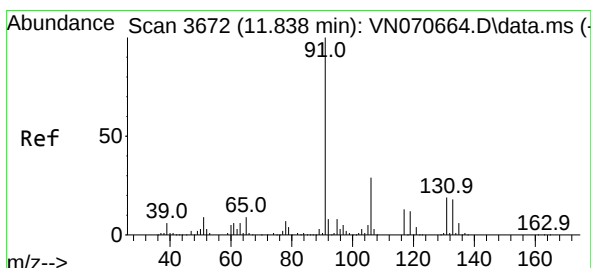
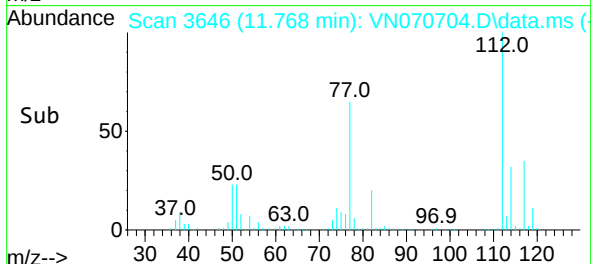
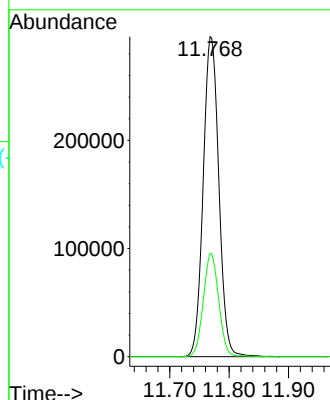
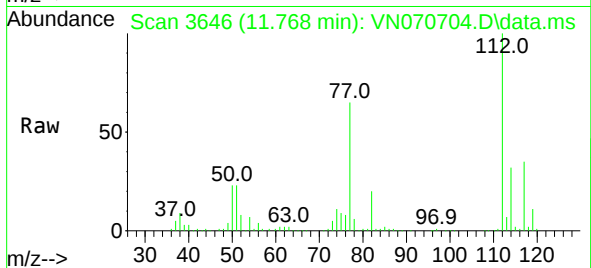
114 32.3 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2022

Supervised By :Mahesh Dadoda 01/20/2022



#66

1,1,1,2-Tetrachloroethane

Concen: 18.838 ug/l

RT: 11.840 min Scan# 3673

Delta R.T. 0.002 min

Lab File: VN070704.D

Acq: 19 Jan 2022 17:02

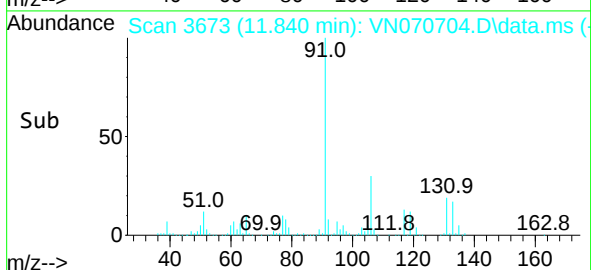
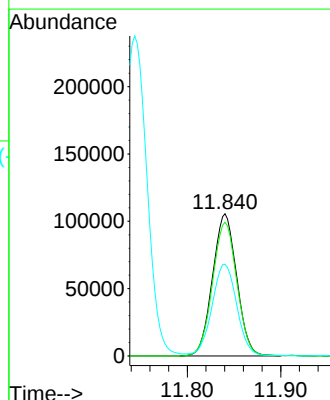
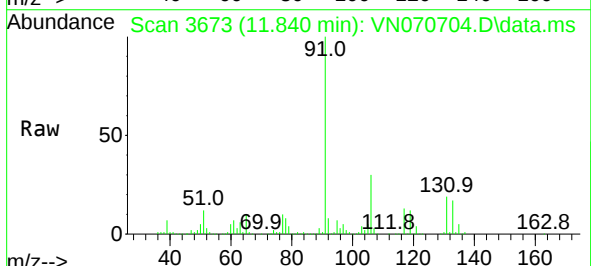
Tgt Ion:131 Resp: 189865

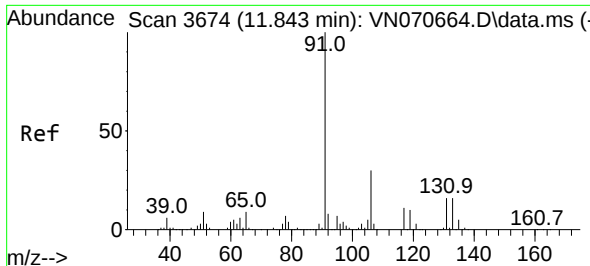
Ion Ratio Lower Upper

131 100

133 95.0 47.9 143.7

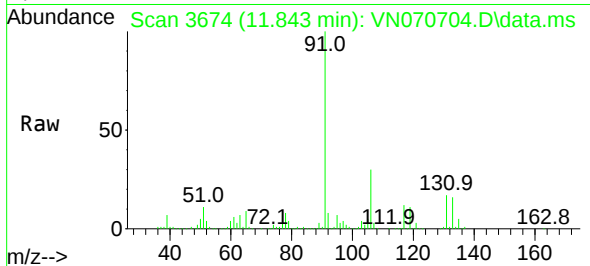
119 65.6 32.1 96.5





#67
Ethyl Benzene
Concen: 19.050 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

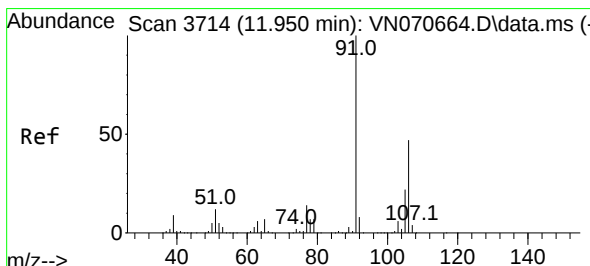
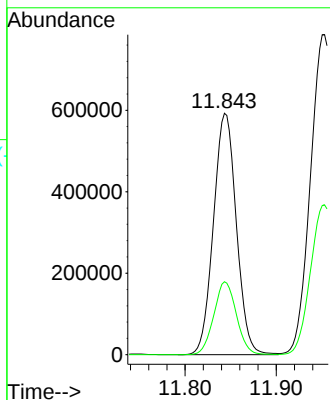
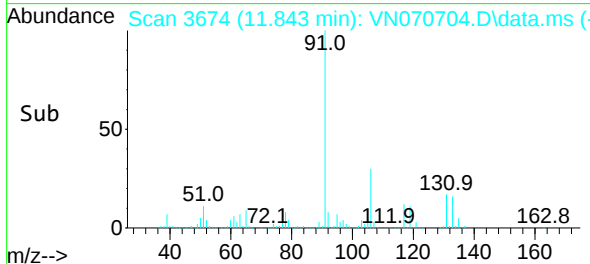
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02



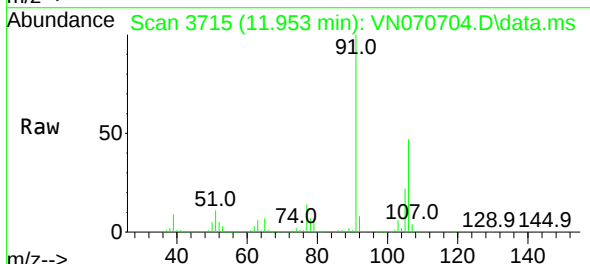
Tgt Ion: 91 Resp: 1033715
Ion Ratio Lower Upper
91 100
106 30.2 25.7 38.5

Manual Integrations
APPROVED

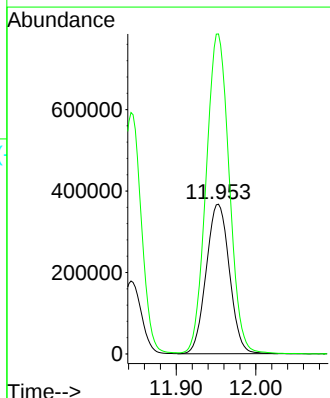
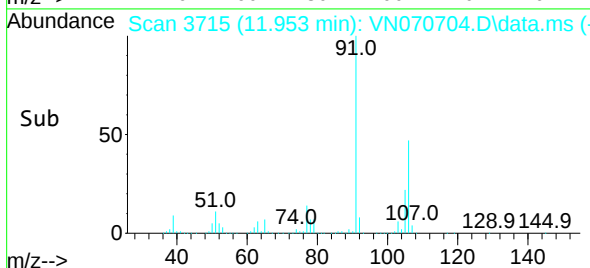
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

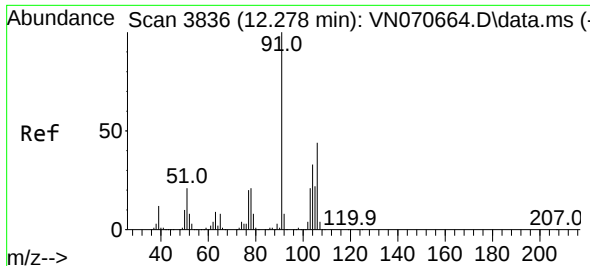


#68
m/p-Xylenes
Concen: 37.799 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.003 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02



Tgt Ion:106 Resp: 746183
Ion Ratio Lower Upper
106 100
91 212.7 160.6 240.8





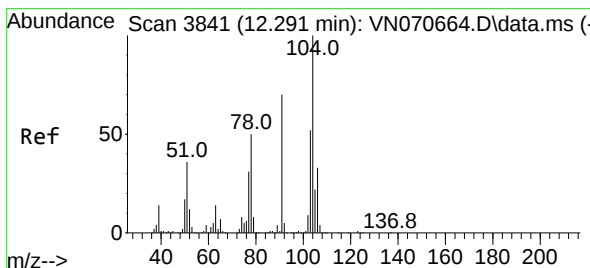
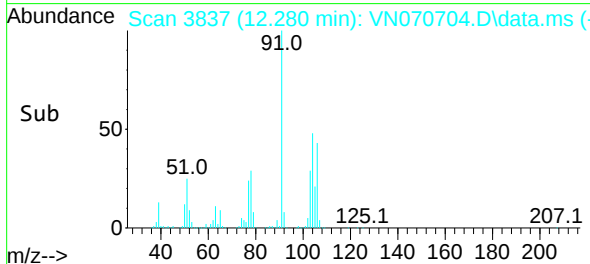
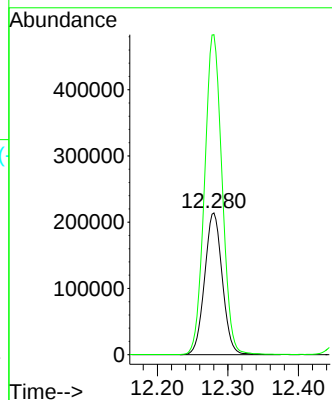
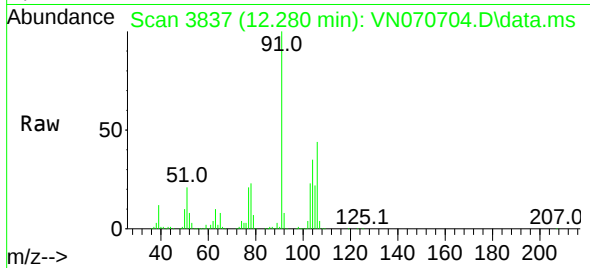
#69
o-Xylene
Concen: 18.996 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. 0.002 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02

Tgt Ion:106 Resp: 37214
Ion Ratio Lower Upper
106 100
91 224.5 105.8 317.3

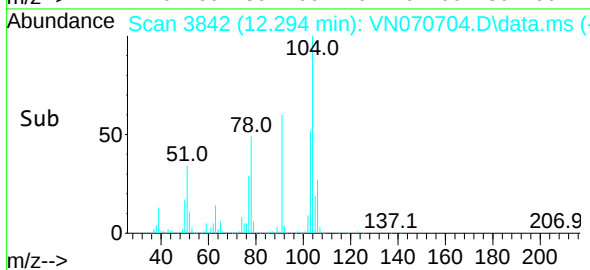
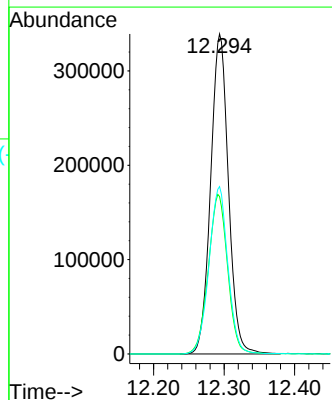
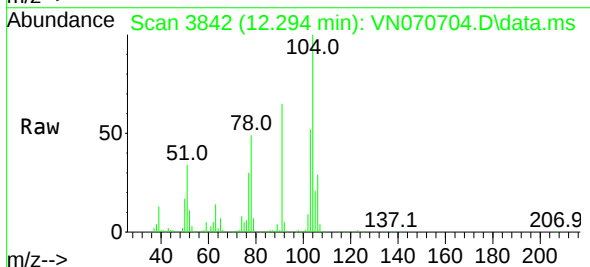
Manual Integrations
APPROVED

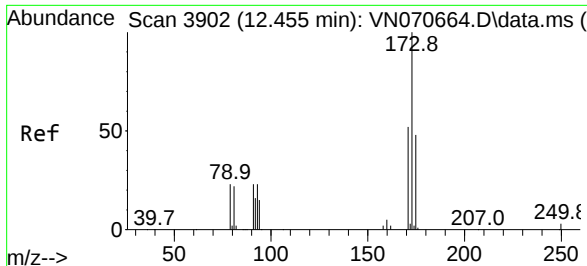
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#70
Styrene
Concen: 18.979 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. 0.003 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

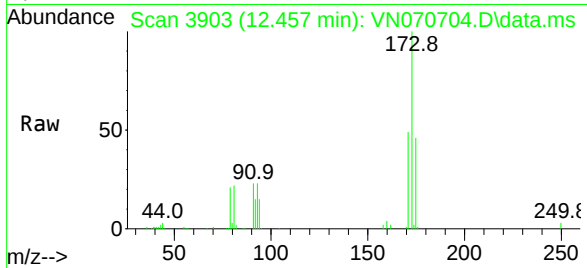
Tgt Ion:104 Resp: 594808
Ion Ratio Lower Upper
104 100
78 54.1 38.7 58.1
103 55.6 45.0 67.6





#71
Bromoform
Concen: 18.372 ug/l
RT: 12.457 min Scan# 3903
Delta R.T. 0.002 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

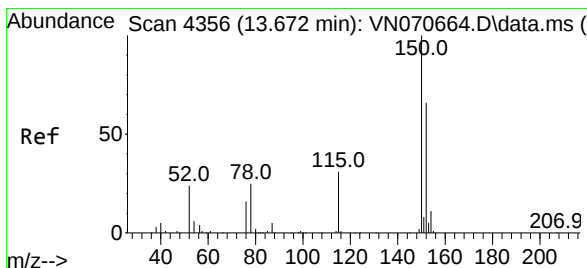
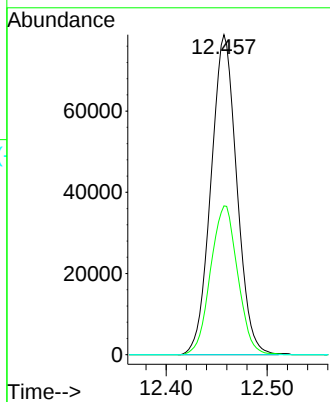
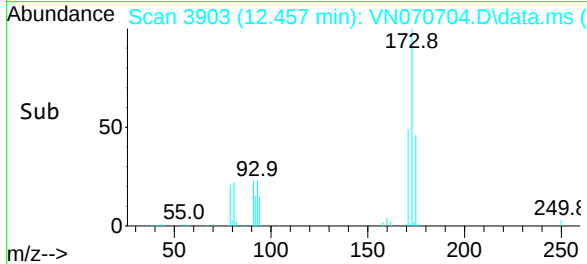
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02



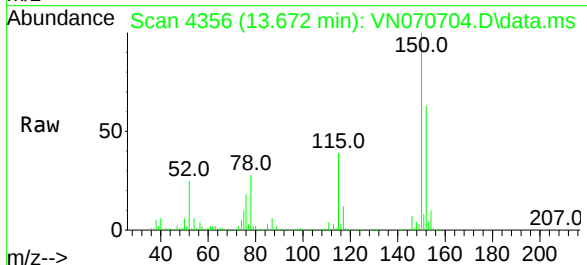
Tgt Ion:173 Resp: 13987
Ion Ratio Lower Upper
173 100
175 48.9 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

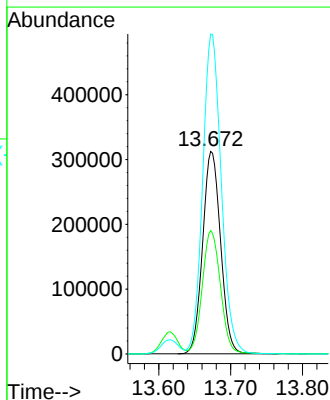
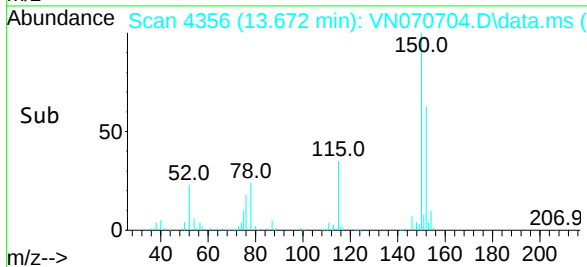
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

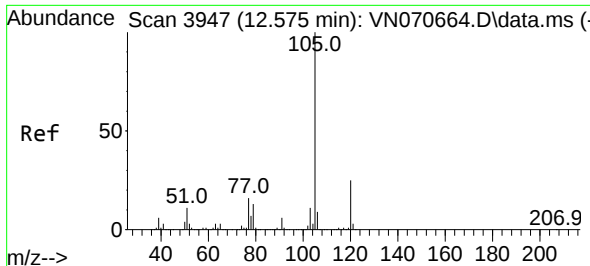


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02



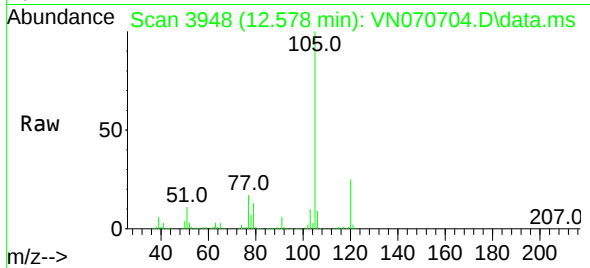
Tgt Ion:152 Resp: 543934
Ion Ratio Lower Upper
152 100
115 61.5 27.5 82.5
150 163.5 0.0 344.4





#73
Isopropylbenzene
Concen: 18.806 ug/l
RT: 12.578 min Scan# 3947
Delta R.T. 0.003 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

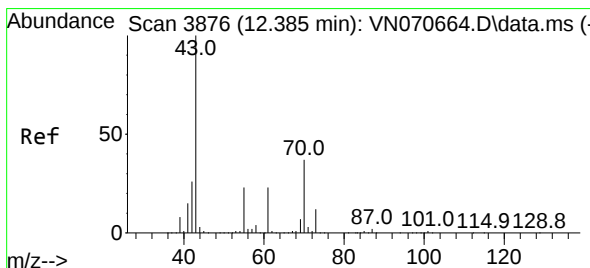
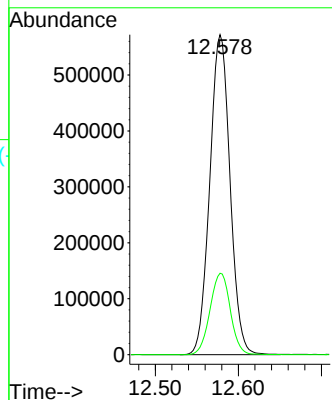
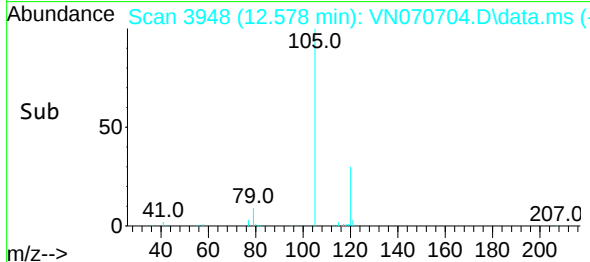
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02



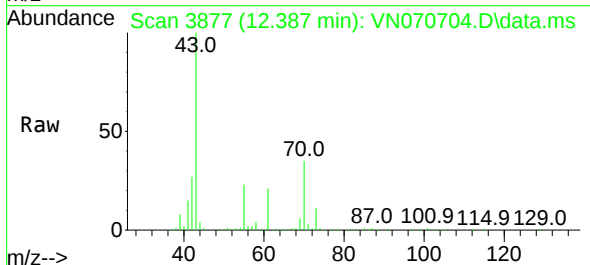
Tgt Ion:105 Resp: 967710
Ion Ratio Lower Upper
105 100
120 25.6 13.4 40.1

Manual Integrations
APPROVED

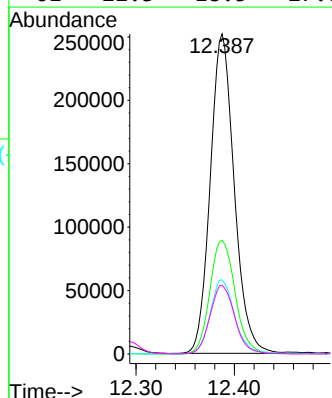
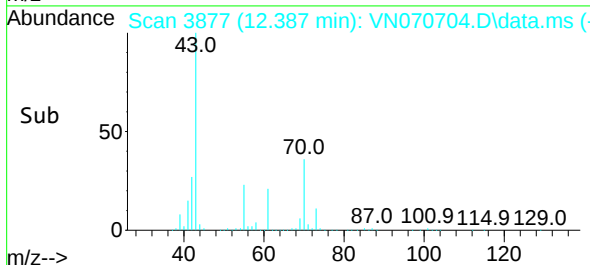
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

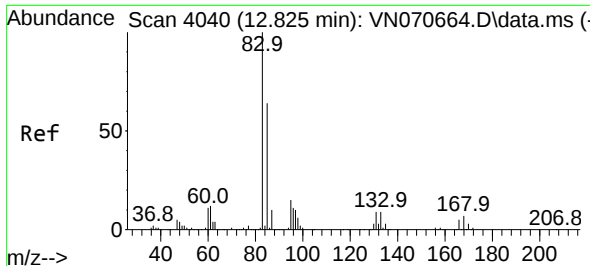


#74
N-ethyl acetate
Concen: 20.300 ug/l
RT: 12.387 min Scan# 3877
Delta R.T. 0.002 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02



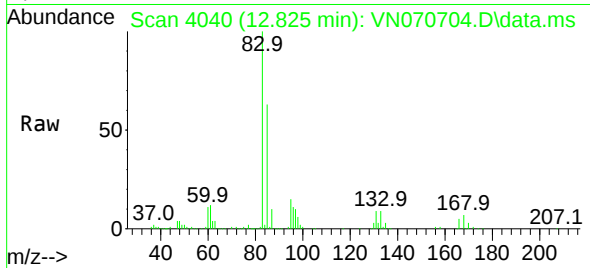
Tgt Ion: 43 Resp: 427103
Ion Ratio Lower Upper
43 100
70 37.7 33.4 50.0
55 23.9 19.3 28.9
61 22.3 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.388 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

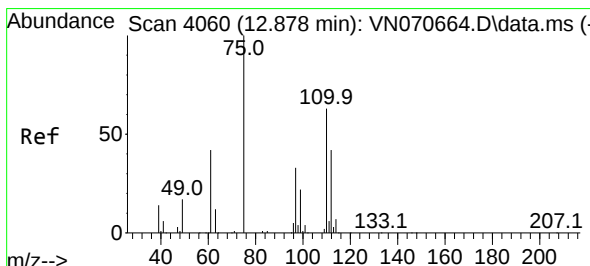
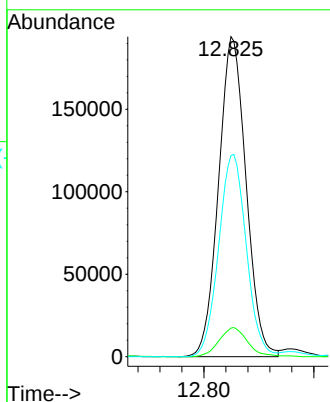
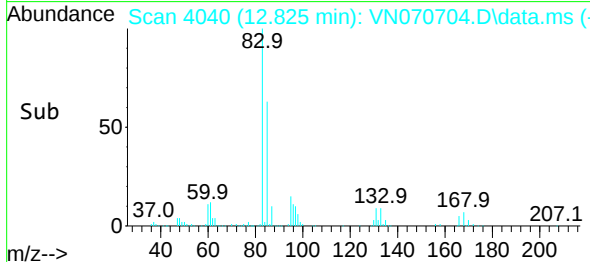
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02



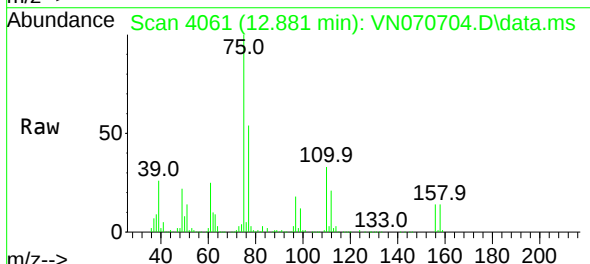
Tgt Ion: 83 Resp: 336940
Ion Ratio Lower Upper
83 100
131 9.5 5.5 16.5
85 63.5 32.4 97.2

Manual Integrations
APPROVED

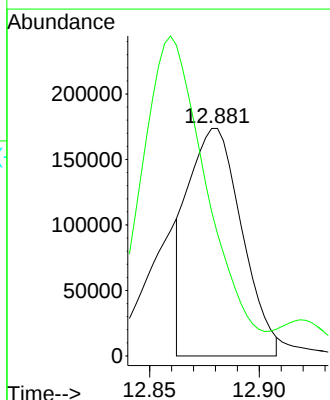
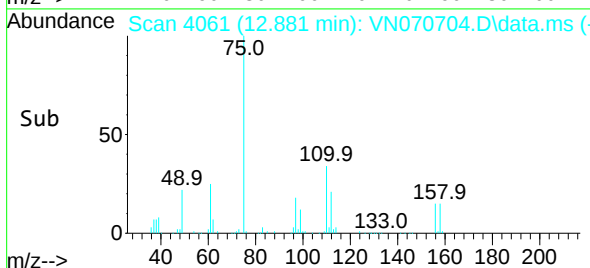
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

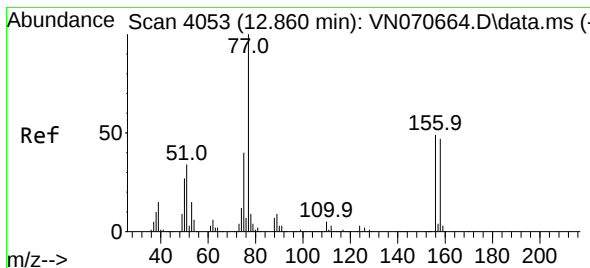


#76
1,2,3-Trichloropropane
Concen: 20.471 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.003 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02



Tgt Ion: 75 Resp: 295324
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77

Bromobenzene

Concen: 18.908 ug/l

RT: 12.860 min Scan# 4053

Delta R.T. -0.000 min

Lab File: VN070704.D

Acq: 19 Jan 2022 17:02

Instrument :

MSVOA_N

ClientSampleId :

VN0119MBS02

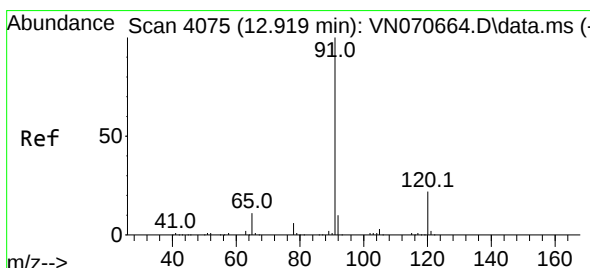
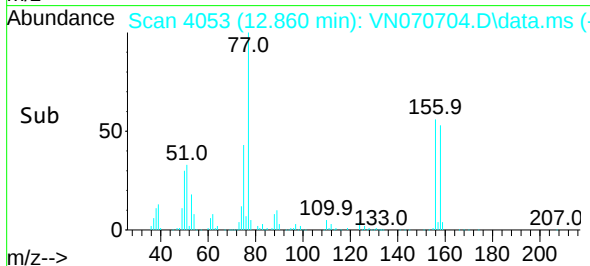
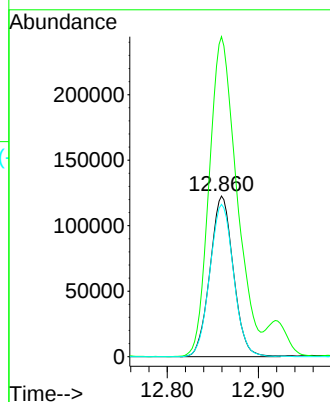
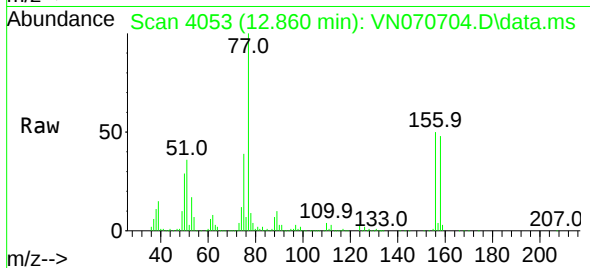
Tgt Ion:	156	Resp:	218149
Ion Ratio	Lower	Upper	
156	100		
77	234.7	90.6	271.8
158	96.5	48.9	146.7

Manual Integrations

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Reviewed By :John Carlone 01/20/2022

Supervised By :Mahesh Dadoda 01/20/2022



#78

n-propylbenzene

Concen: 19.157 ug/l

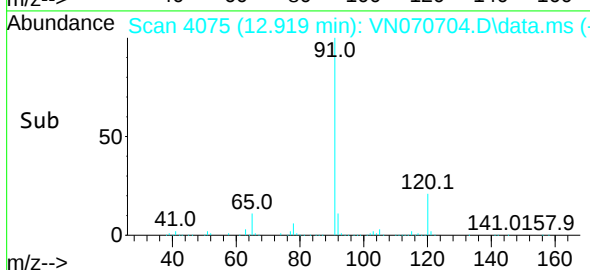
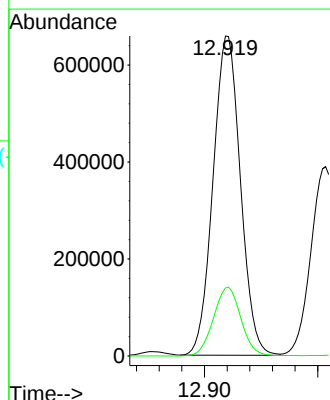
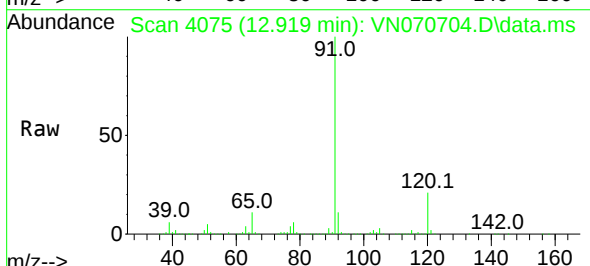
RT: 12.919 min Scan# 4075

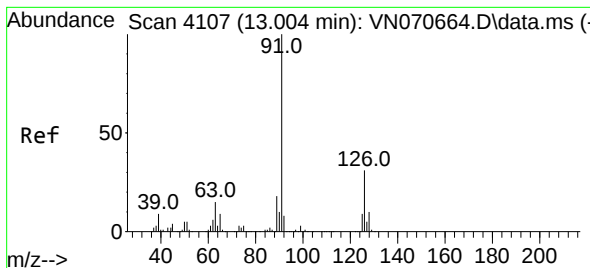
Delta R.T. -0.001 min

Lab File: VN070704.D

Acq: 19 Jan 2022 17:02

Tgt Ion:	91	Resp:	1102467
Ion Ratio	Lower	Upper	
91	100		
120	21.6	11.9	35.9





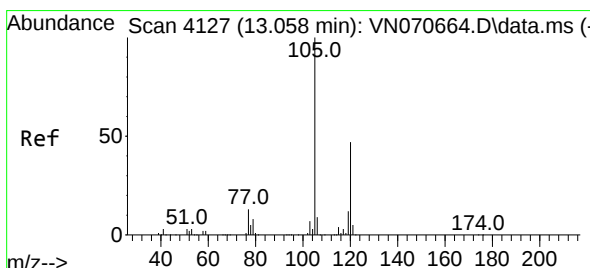
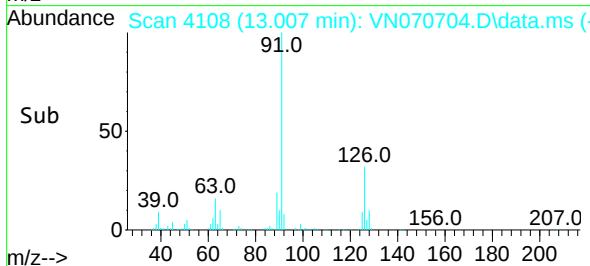
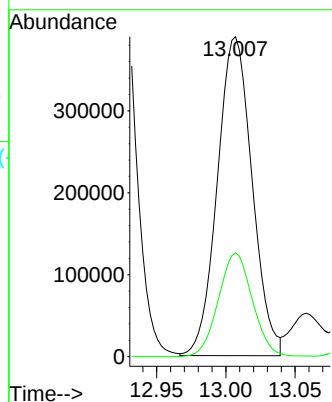
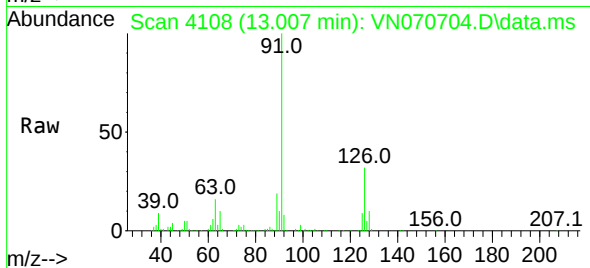
#79
2-Chlorotoluene
Concen: 18.684 ug/l
RT: 13.007 min Scan# 4107
Delta R.T. 0.003 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02

Tgt Ion: 91 Resp: 680170
Ion Ratio Lower Upper
91 100
126 31.9 18.3 54.8

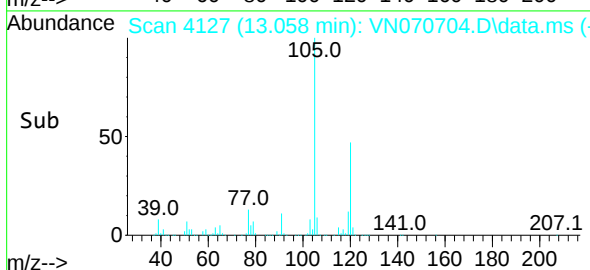
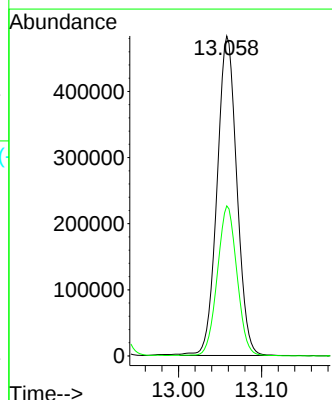
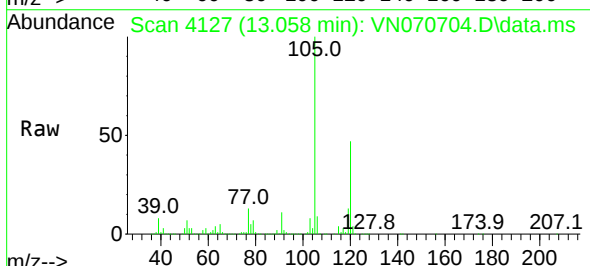
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#80
1,3,5-Trimethylbenzene
Concen: 19.197 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

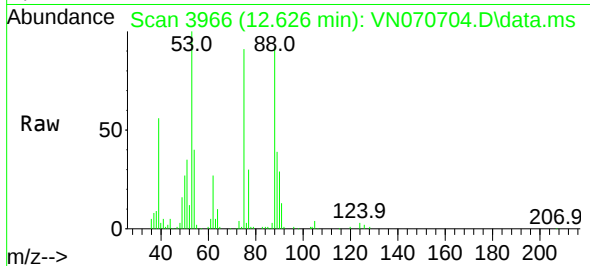
Tgt Ion:105 Resp: 798863
Ion Ratio Lower Upper
105 100
120 47.1 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.418 ug/l
RT: 12.626 min Scan# 3965
Delta R.T. 0.002 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

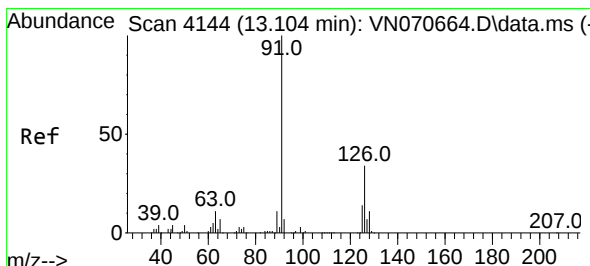
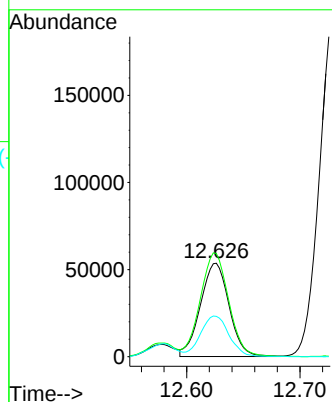
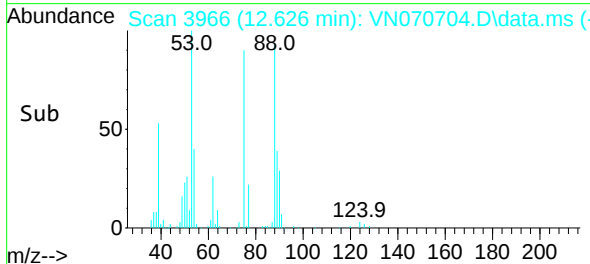
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02



Tgt Ion: 75 Resp: 94029
Ion Ratio Lower Upper
75 100
53 111.0 90.5 135.7
89 43.0 38.2 57.4

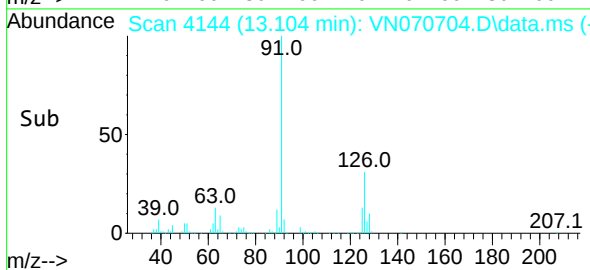
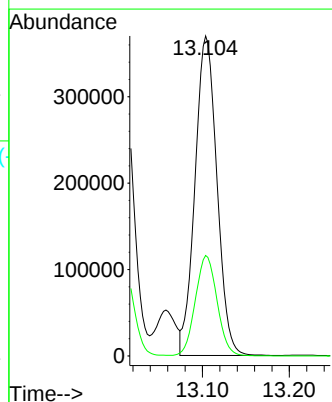
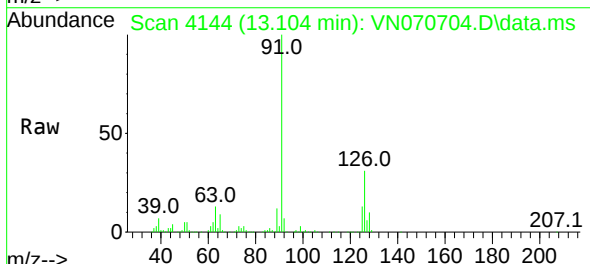
Manual Integrations
APPROVED

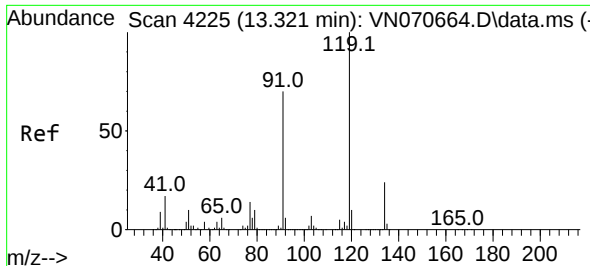
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#82
4-Chlorotoluene
Concen: 19.023 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

Tgt Ion: 91 Resp: 647049
Ion Ratio Lower Upper
91 100
126 31.2 18.2 54.6





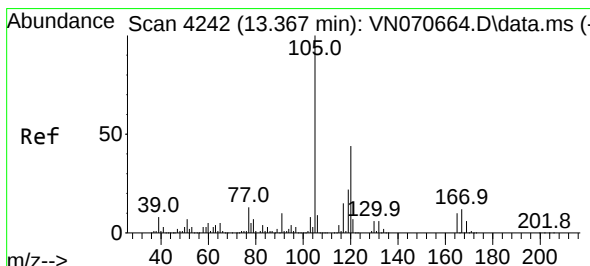
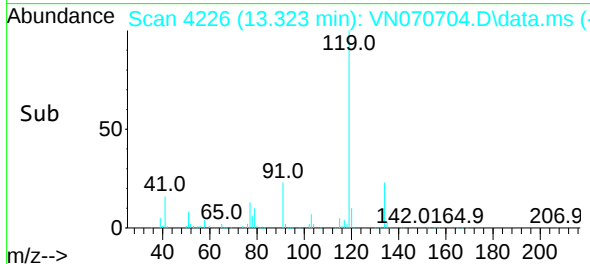
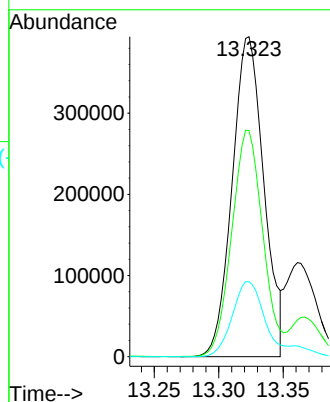
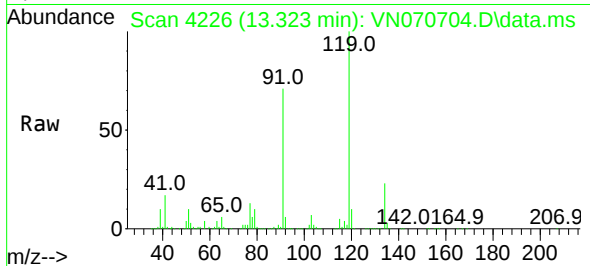
#83
tert-Butylbenzene
Concen: 18.583 ug/l
RT: 13.323 min Scan# 41
Delta R.T. 0.002 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02

Tgt Ion:119 Resp: 67316
Ion Ratio Lower Upper
119 100
91 69.5 31.5 94.5
134 23.8 12.4 37.4

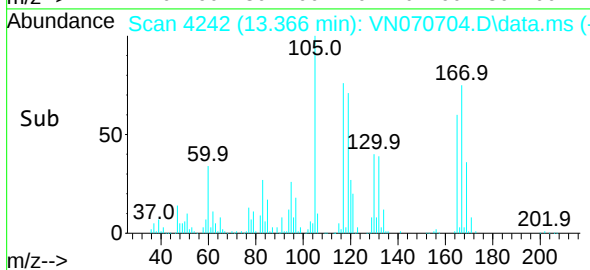
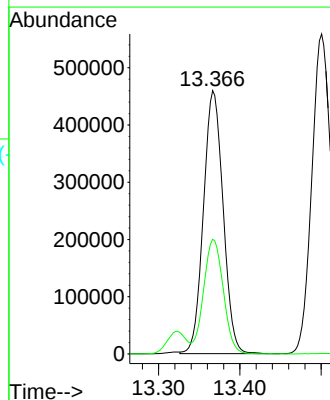
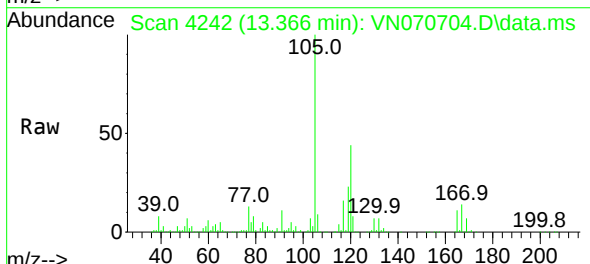
Manual Integrations
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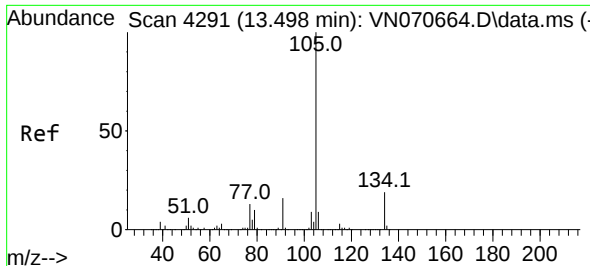
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#84
1,2,4-Trimethylbenzene
Concen: 19.317 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.001 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

Tgt Ion:105 Resp: 772700
Ion Ratio Lower Upper
105 100
120 43.7 22.8 68.4





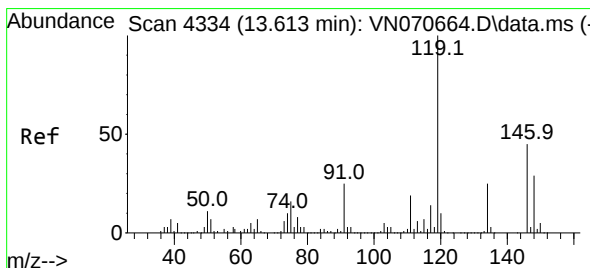
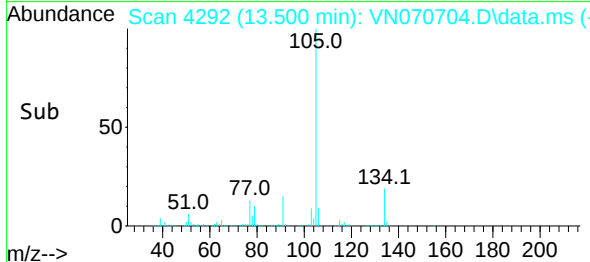
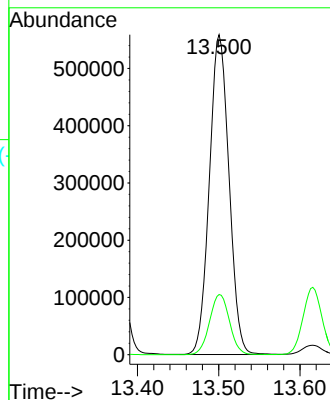
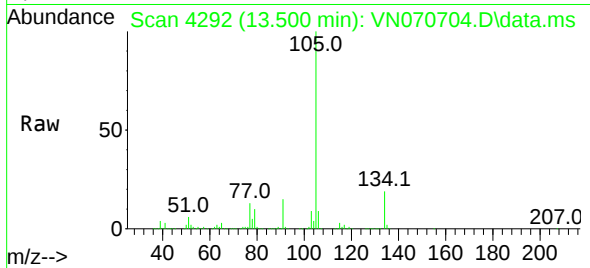
#85
 sec-Butylbenzene
 Concen: 19.039 ug/l
 RT: 13.500 min Scan# 41
 Delta R.T. 0.002 min
 Lab File: VN070704.D
 Acq: 19 Jan 2022 17:02

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119MBS02

Tgt Ion:105 Resp: 937582
 Ion Ratio Lower Upper
 105 100
 134 19.1 10.4 31.1

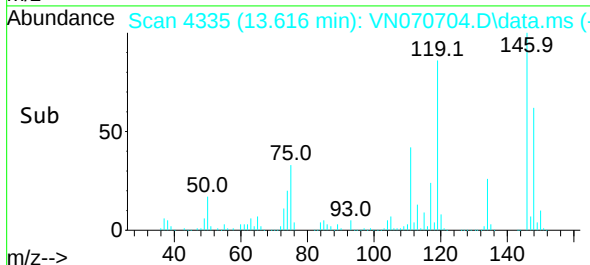
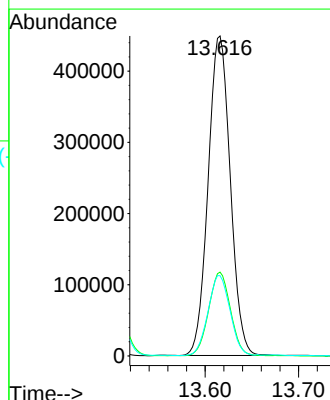
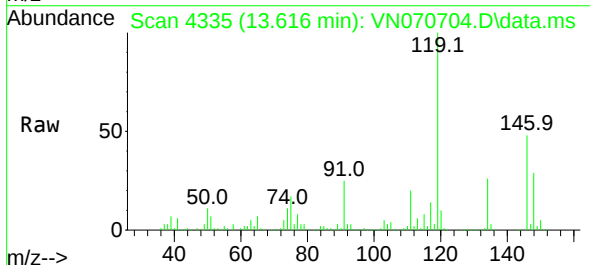
Manual Integrations
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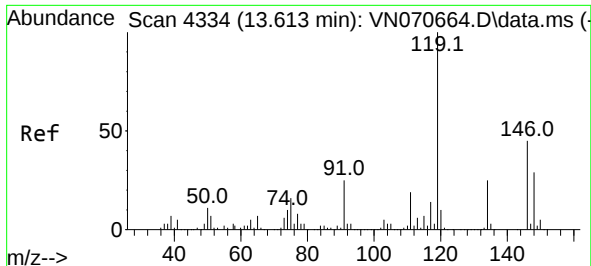
Reviewed By :John Carlone 01/20/2022
 Supervised By :Mahesh Dadoda 01/20/2022



#86
 p-Isopropyltoluene
 Concen: 19.087 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.003 min
 Lab File: VN070704.D
 Acq: 19 Jan 2022 17:02

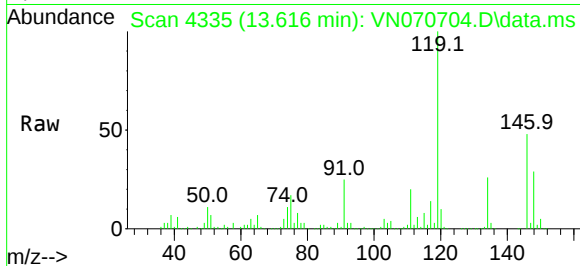
Tgt Ion:119 Resp: 738399
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.6 40.7
 91 24.9 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 19.195 ug/l
RT: 13.616 min Scan# 4334
Delta R.T. 0.003 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

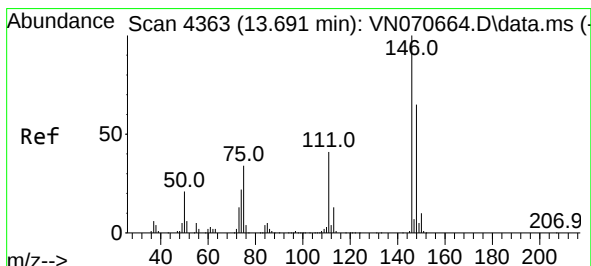
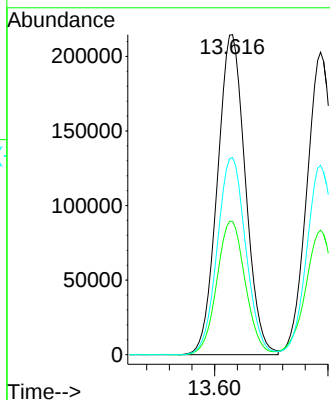
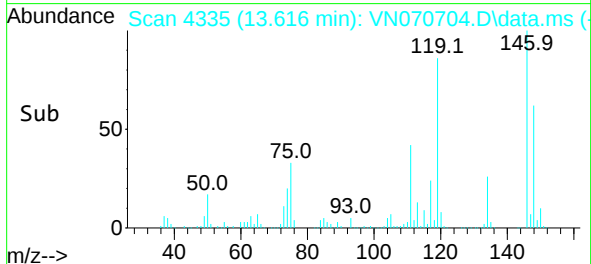
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02



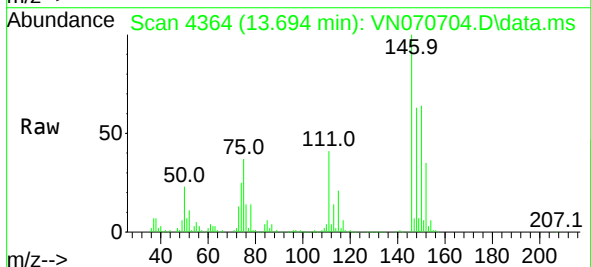
Tgt Ion:146 Resp: 36840
Ion Ratio Lower Upper
146 100
111 42.3 18.6 55.6
148 62.9 31.6 95.0

Manual Integrations
APPROVED

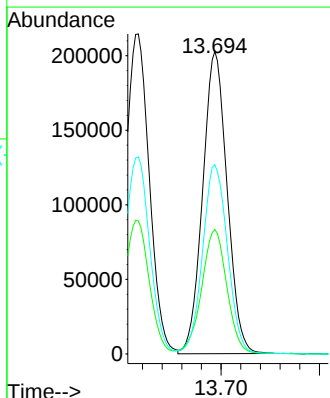
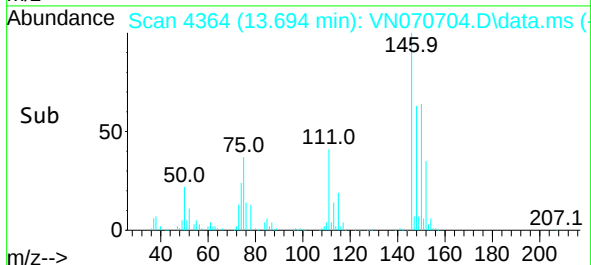
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

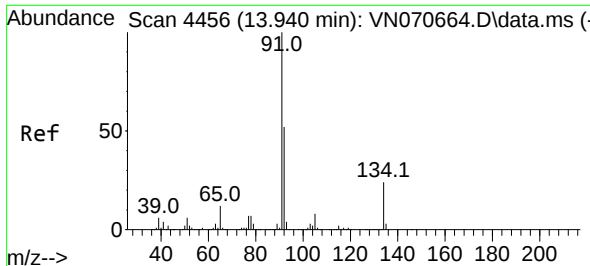


#88
1,4-Dichlorobenzene
Concen: 18.344 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. 0.003 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02



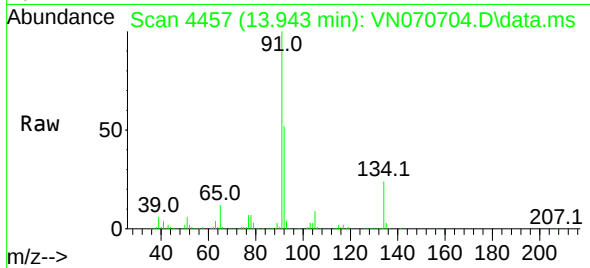
Tgt Ion:146 Resp: 350367
Ion Ratio Lower Upper
146 100
111 42.2 18.3 54.8
148 63.8 31.8 95.4





#89
n-Butylbenzene
Concen: 18.849 ug/l
RT: 13.943 min Scan# 4456
Delta R.T. 0.003 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

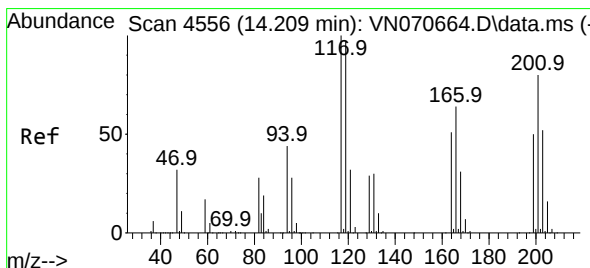
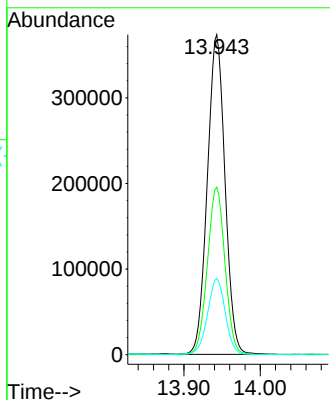
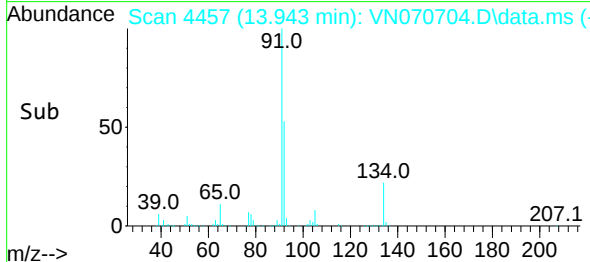
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02



Tgt Ion: 91 Resp: 601540
Ion Ratio Lower Upper
91 100
92 52.1 25.4 76.0
134 23.9 13.6 40.8

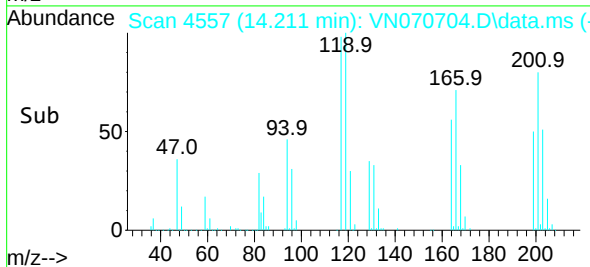
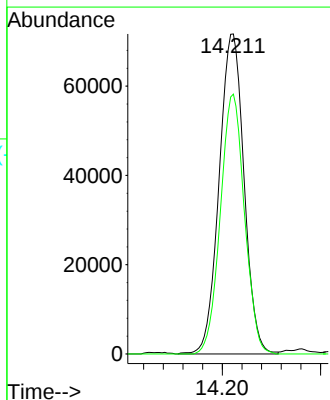
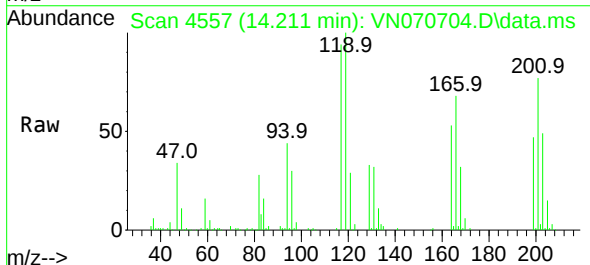
Manual Integrations
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Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#90
Hexachloroethane
Concen: 18.631 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.002 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

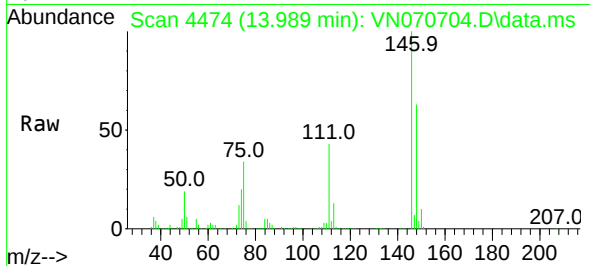
Tgt Ion:117 Resp: 125990
Ion Ratio Lower Upper
117 100
201 78.7 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 18.774 ug/l
RT: 13.989 min Scan# 4473
Delta R.T. 0.003 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

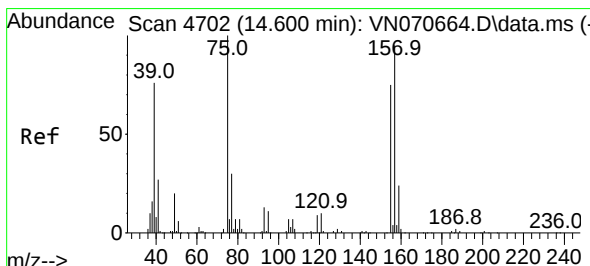
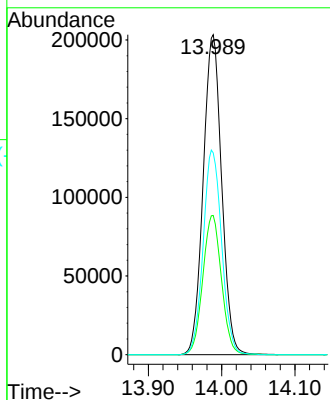
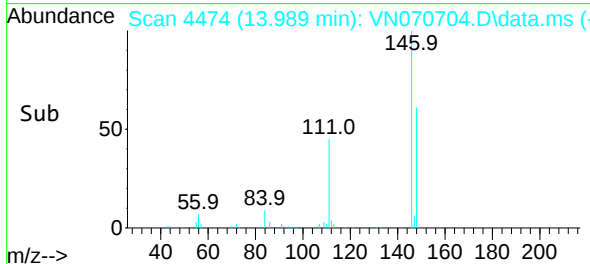
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02



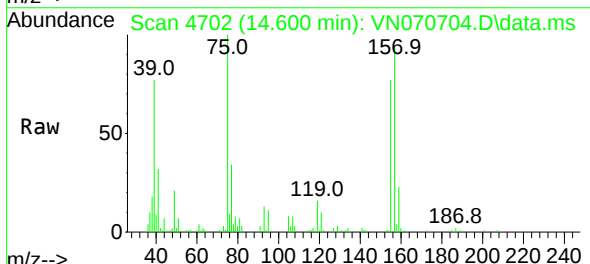
Tgt Ion:146 Resp: 355990
Ion Ratio Lower Upper
146 100
111 44.0 19.1 57.3
148 64.0 32.1 96.3

Manual Integrations
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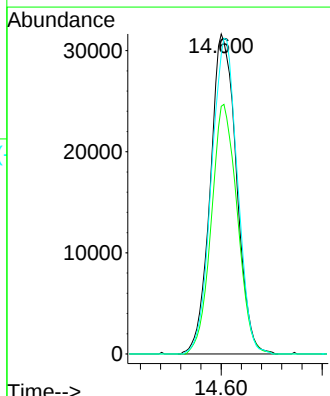
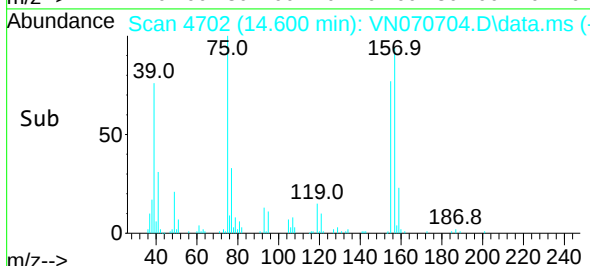
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

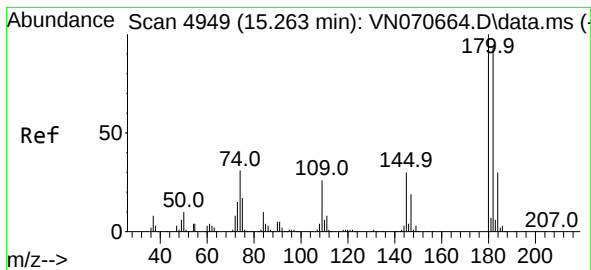


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.252 ug/l
RT: 14.600 min Scan# 4702
Delta R.T. 0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02



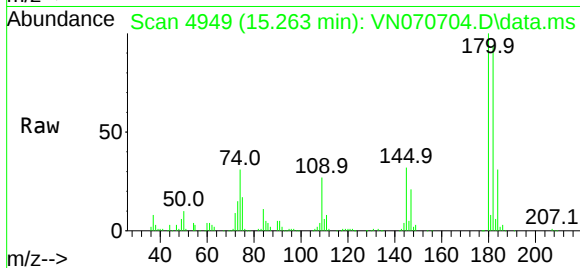
Tgt Ion: 75 Resp: 56755
Ion Ratio Lower Upper
75 100
155 77.4 46.9 140.7
157 98.0 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 19.124 ug/l
RT: 15.263 min Scan# 4949
Delta R.T. -0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

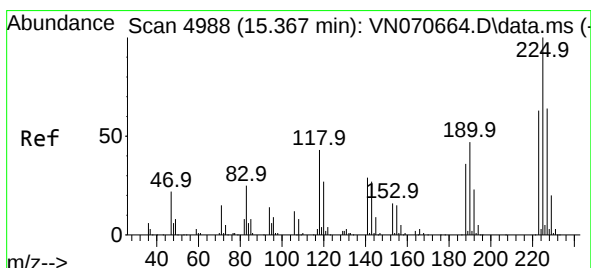
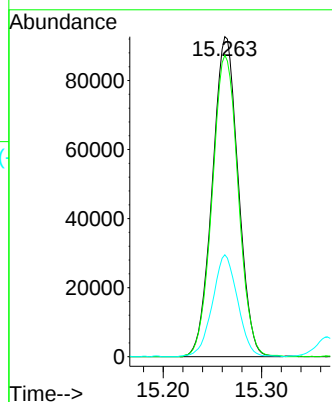
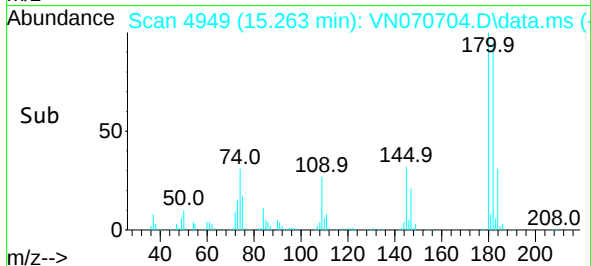
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02



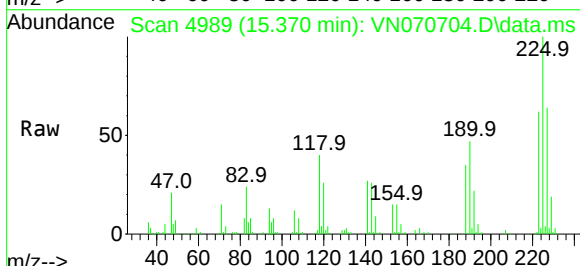
Tgt Ion:180 Resp: 169360
Ion Ratio Lower Upper
180 100
182 94.9 48.3 144.9
145 31.1 14.5 43.5

Manual Integrations
APPROVED

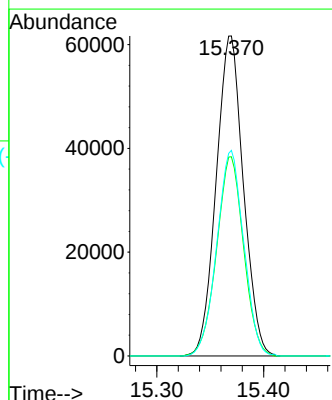
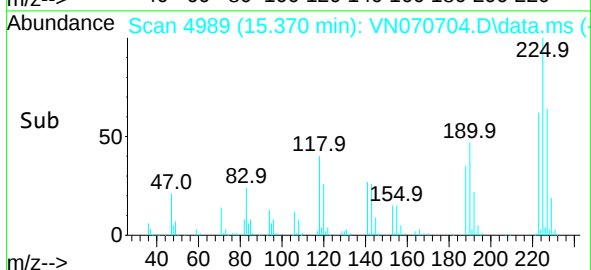
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

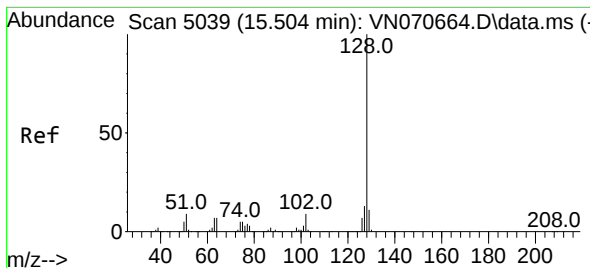


#94
Hexachlorobutadiene
Concen: 19.403 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.003 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02



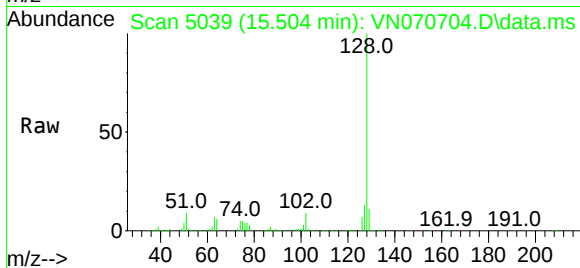
Tgt Ion:225 Resp: 108970
Ion Ratio Lower Upper
225 100
223 61.8 31.9 95.7
227 63.6 32.1 96.3





#95
Naphthalene
Concen: 22.728 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02

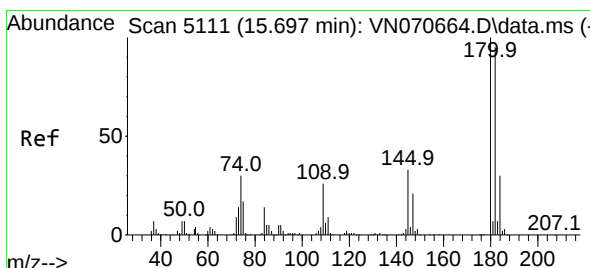
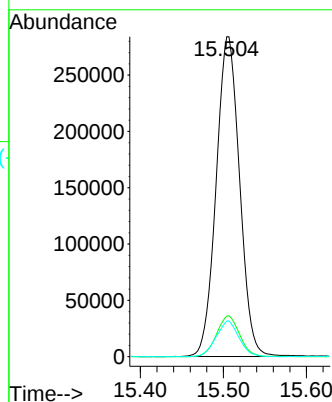
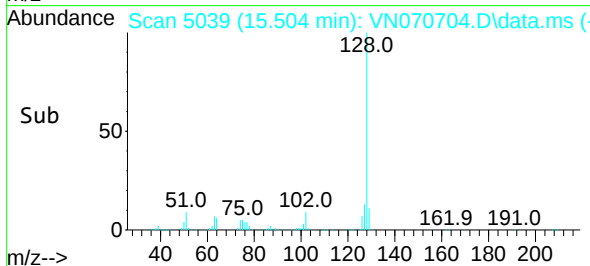
Instrument :
MSVOA_N
ClientSampleId :
VN0119MBS02



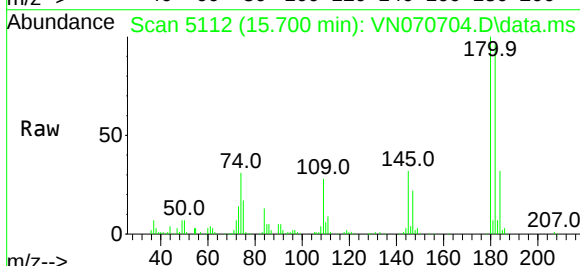
Tgt Ion:128 Resp: 556549
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
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Supervised By :Mahesh Dadoda 01/20/2022



#96
1,2,3-Trichlorobenzene
Concen: 19.674 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. 0.003 min
Lab File: VN070704.D
Acq: 19 Jan 2022 17:02



Tgt Ion:180 Resp: 168960
Ion Ratio Lower Upper
180 100
182 94.1 47.4 142.2
145 32.3 15.0 45.1

