

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070091.D
 Acq On : 15 Dec 2021 00:21
 Operator : JC/MD
 Sample : VN1214MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/15/2021
 Supervised By : Mahesh Dadoda 12/21/2021

Quant Time: Dec 15 05:26:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1006403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1683150	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1524017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	621977	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	835822	53.789	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.580%			
35) Dibromofluoromethane	8.021	113	570415	54.104	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 108.200%			
50) Toluene-d8	10.440	98	2218950	52.416	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 104.840%			
62) 4-Bromofluorobenzene	12.731	95	777169	50.675	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 101.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	203188	17.310	ug/l	99
3) Chloromethane	2.303	50	263045	17.887	ug/l	99
4) Vinyl Chloride	2.448	62	241985	17.896	ug/l	99
5) Bromomethane	2.856	94	135979	18.510	ug/l	100
6) Chloroethane	3.019	64	149713	18.068	ug/l	95
7) Trichlorofluoromethane	3.376	101	306884	17.292	ug/l	98
8) Diethyl Ether	3.821	74	132386	19.368	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.210	101	186822	18.780	ug/l	96
10) Methyl Iodide	4.422	142	243501	17.917	ug/l	97
11) Tert butyl alcohol	5.377	59	255365	86.941	ug/l	99
12) 1,1-Dichloroethene	4.181	96	177386	18.504	ug/l	91
13) Acrolein	4.041	56	223482	89.346	ug/l	99
14) Allyl chloride	4.838	41	405846	18.788	ug/l #	90
15) Acrylonitrile	5.554	53	742079	93.759	ug/l	99
16) Acetone	4.288	43	708822	75.831	ug/l	97
17) Carbon Disulfide	4.529	76	382047	15.426	ug/l	99
18) Methyl Acetate	4.857	43	536287	19.008	ug/l #	90
19) Methyl tert-butyl Ether	5.621	73	726864	19.500	ug/l	97
20) Methylene Chloride	5.093	84	229996	18.509	ug/l	88
21) trans-1,2-Dichloroethene	5.591	96	190285	18.275	ug/l	89
22) Diisopropyl ether	6.498	45	883382	20.922	ug/l	94
23) Vinyl Acetate	6.434	43	3372132	98.170	ug/l #	93
24) 1,1-Dichloroethane	6.388	63	433676	19.829	ug/l	98
25) 2-Butanone	7.337	43	1097504	86.415	ug/l	90
26) 2,2-Dichloropropane	7.324	77	270192	15.889	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	237603	18.887	ug/l	86
28) Bromochloromethane	7.657	49	239567	21.064	ug/l #	76
29) Tetrahydrofuran	7.689	42	728303	94.438	ug/l #	86
30) Chloroform	7.817	83	434211	19.658	ug/l	100
31) Cyclohexane	8.094	56	405578	18.755	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	346311	18.406	ug/l	95
36) 1,1-Dichloropropene	8.222	75	299926	18.718	ug/l	96
37) Ethyl Acetate	7.412	43	438952	18.406	ug/l #	90
38) Carbon Tetrachloride	8.206	117	273715	17.420	ug/l	99
39) Methylcyclohexane	9.462	83	340903	17.887	ug/l	88
40) Benzene	8.458	78	945297	19.301	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	221062	19.746	ug/l #	89
42) 1,2-Dichloroethane	8.531	62	381188	19.280	ug/l	97
43) Isopropyl Acetate	8.563	43	670119	18.988	ug/l #	93
44) Trichloroethene	9.217	130	213989	18.306	ug/l	90
45) 1,2-Dichloropropane	9.491	63	260833	19.832	ug/l	99
46) Dibromomethane	9.577	93	161733	18.751	ug/l	94
47) Bromodichloromethane	9.762	83	310219	18.996	ug/l	99
48) Methyl methacrylate	9.558	41	309846	18.813	ug/l	86
49) 1,4-Dioxane	9.572	88	102376	346.429	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	2223260	97.108	ug/l	95
52) Toluene	10.505	92	573542	19.181	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	310170	17.701	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	348865	18.243	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	235439	19.515	ug/l	98
56) Ethyl methacrylate	10.760	69	376385	18.060	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	417617	19.659	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	385094	76.426	ug/l	90
59) 2-Hexanone	11.084	43	1563948	90.302	ug/l	92
60) Dibromochloromethane	11.237	129	205618	17.527	ug/l	99
61) 1,2-Dibromoethane	11.344	107	227930	18.240	ug/l	100
64) Tetrachloroethene	10.977	164	191179	18.500	ug/l	94
65) Chlorobenzene	11.771	112	599598	19.393	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.840	131	205808	18.913	ug/l	99
67) Ethyl Benzene	11.843	91	1094840	19.495	ug/l	96
68) m/p-Xylenes	11.953	106	793688	38.813	ug/l	91
69) o-Xylene	12.280	106	397874	19.317	ug/l	91
70) Styrene	12.294	104	639981	19.594	ug/l	95
71) Bromoform	12.457	173	144104	17.368	ug/l #	100
73) Isopropylbenzene	12.578	105	1045221	18.888	ug/l	98
74) N-amyl acetate	12.388	43	440463	17.998	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.827	83	370778	19.376	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	332323m	18.631	ug/l	
77) Bromobenzene	12.860	156	240560	18.507	ug/l	77
78) n-propylbenzene	12.921	91	1166812	18.948	ug/l	96
79) 2-Chlorotoluene	13.007	91	740088	19.020	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	847939	19.037	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	74161	16.563	ug/l #	81
82) 4-Chlorotoluene	13.104	91	696120	19.024	ug/l	91
83) tert-Butylbenzene	13.324	119	747306	18.948	ug/l	93
84) 1,2,4-Trimethylbenzene	13.369	105	833937	19.660	ug/l	96
85) sec-Butylbenzene	13.501	105	1001080	18.713	ug/l	97
86) p-Isopropyltoluene	13.616	119	784144	18.752	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	399598	18.713	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	388082	18.493	ug/l	96
89) n-Butylbenzene	13.943	91	600854	17.714	ug/l	97
90) Hexachloroethane	14.209	117	121844	16.596	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	399137	19.183	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	57888	16.741	ug/l	76
93) 1,2,4-Trichlorobenzene	15.263	180	159959	17.651	ug/l	98
94) Hexachlorobutadiene	15.370	225	105240	19.086	ug/l	98
95) Naphthalene	15.507	128	421574	16.749	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	159345	17.677	ug/l	98

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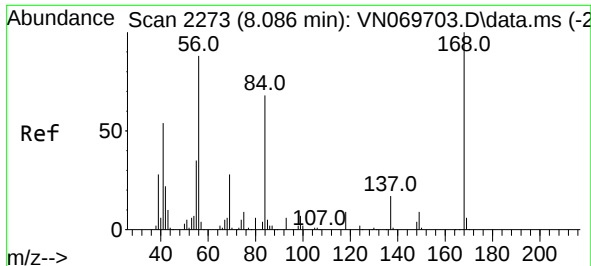
Manual Integrations
APPROVED

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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



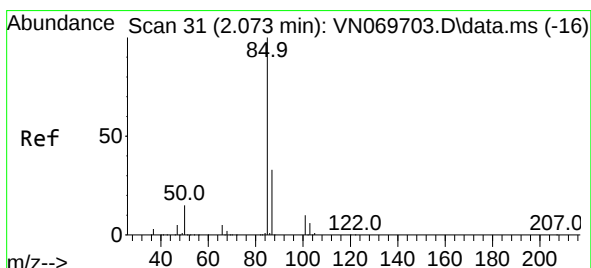
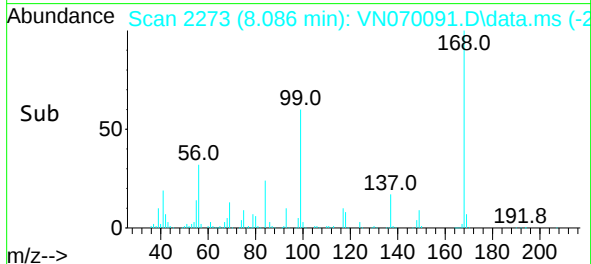
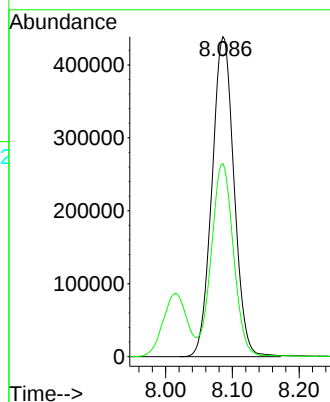
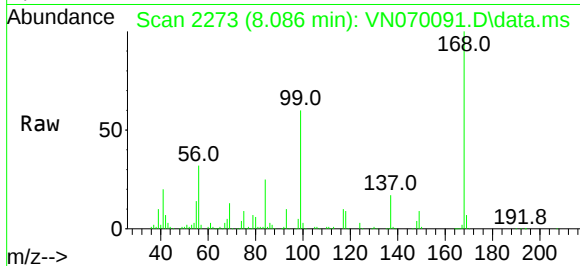
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070091.D
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Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02

Tgt Ion:168 Resp: 100640
Ion Ratio Lower Upper
168 100
99 60.1 41.3 61.9

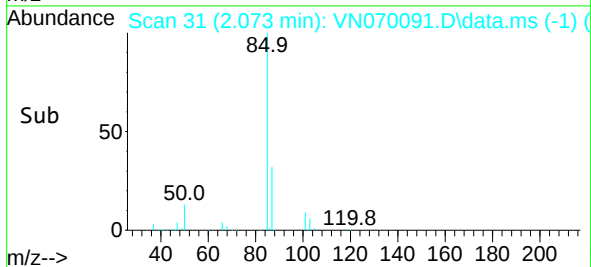
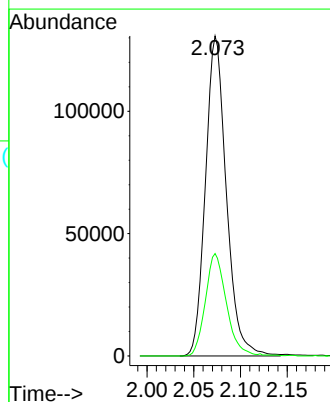
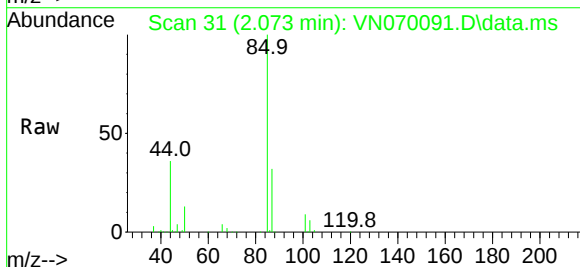
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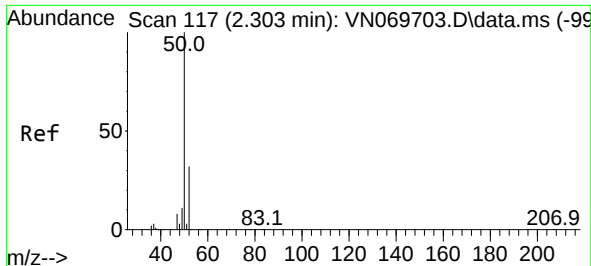
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#2
Dichlorodifluoromethane
Concen: 17.310 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

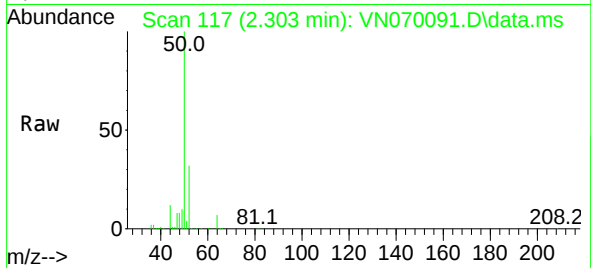
Tgt Ion: 85 Resp: 203188
Ion Ratio Lower Upper
85 100
87 32.0 16.3 48.9





#3
Chloromethane
Concen: 17.887 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

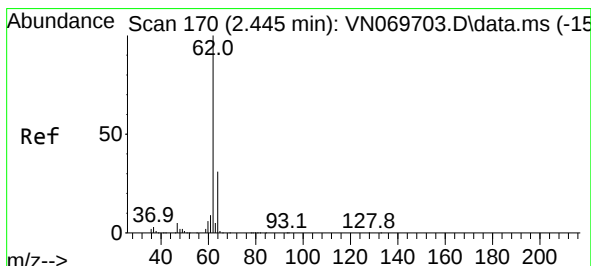
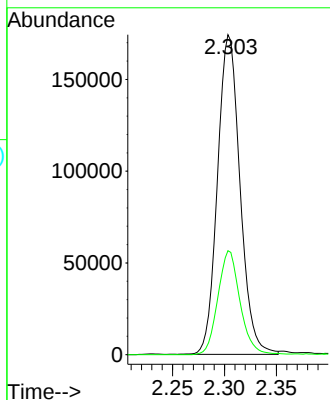
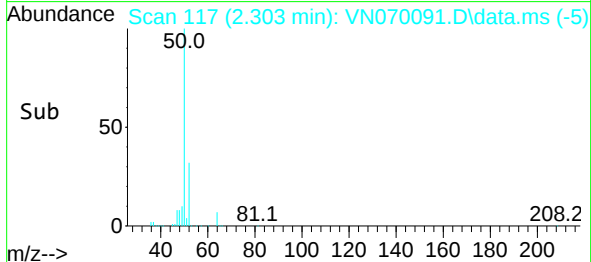
Instrument :
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ClientSampleId :
VN1214MBS02



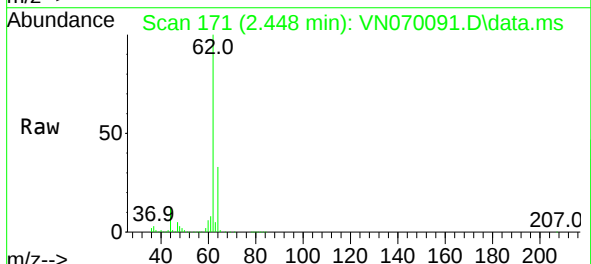
Tgt Ion: 50 Resp: 263045
Ion Ratio Lower Upper
50 100
52 32.5 25.4 38.0

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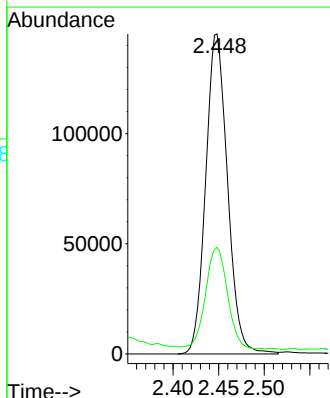
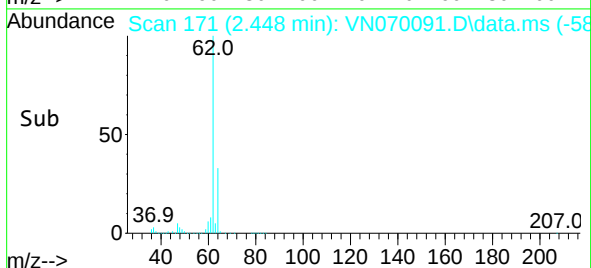
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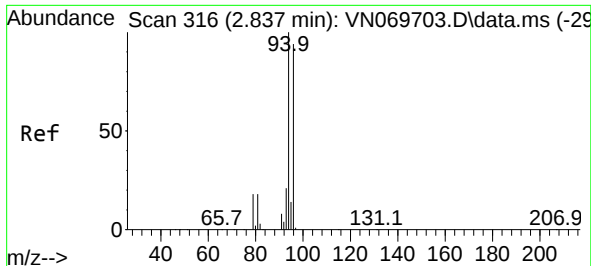


#4
Vinyl Chloride
Concen: 17.896 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21



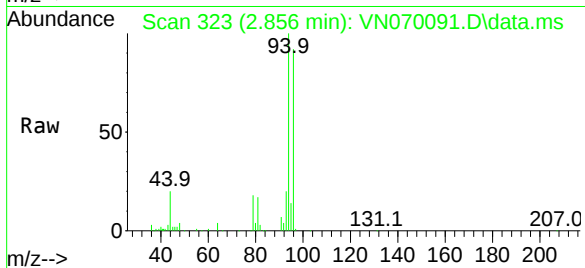
Tgt Ion: 62 Resp: 241985
Ion Ratio Lower Upper
62 100
64 31.8 25.8 38.6





#5
Bromomethane
Concen: 18.510 ug/l
RT: 2.856 min Scan# 316
Delta R.T. 0.019 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

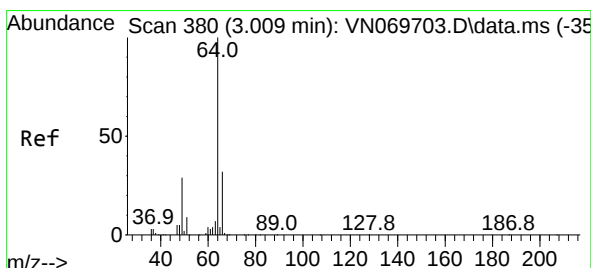
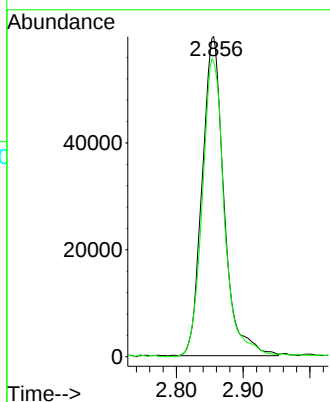
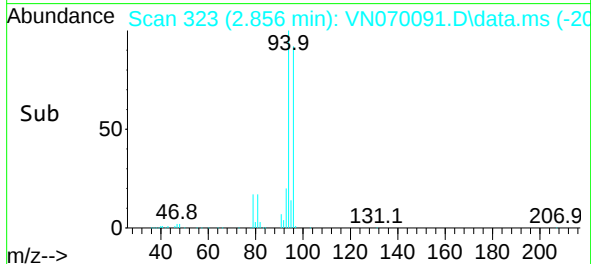
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Tgt Ion: 94 Resp: 135979
Ion Ratio Lower Upper
94 100
96 92.1 73.8 110.8

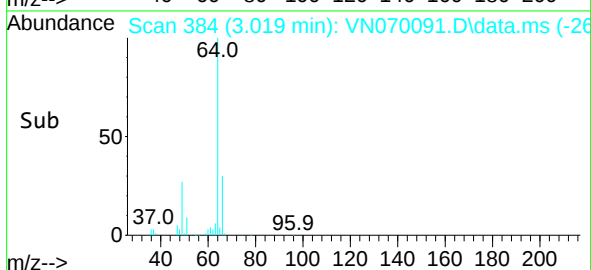
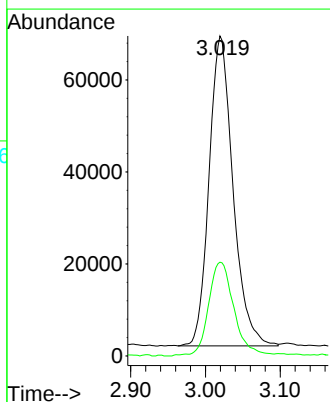
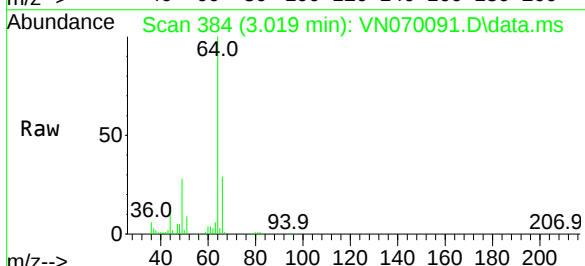
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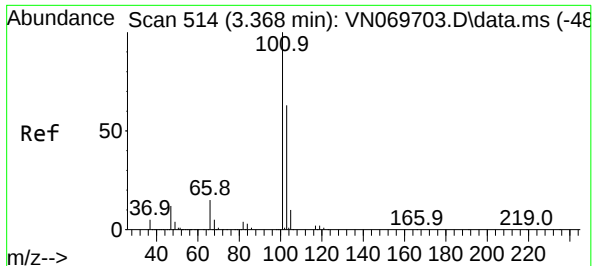
Reviewed By :John Carlone 12/15/2021
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#6
Chloroethane
Concen: 18.068 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.011 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

Tgt Ion: 64 Resp: 149713
Ion Ratio Lower Upper
64 100
66 29.9 26.3 39.5





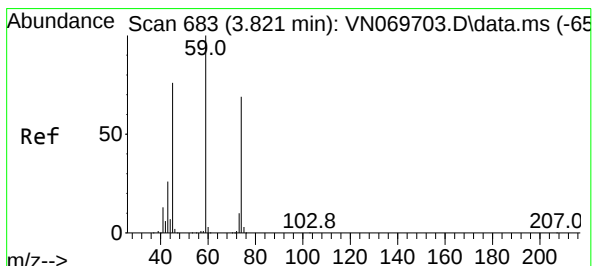
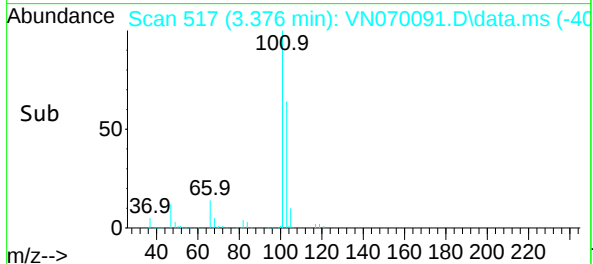
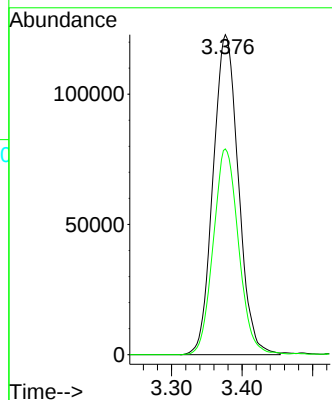
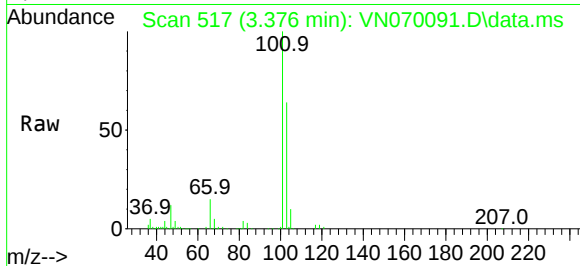
#7
 Trichlorofluoromethane
 Concen: 17.292 ug/l
 RT: 3.376 min Scan# 514
 Delta R.T. 0.008 min
 Lab File: VN070091.D
 Acq: 15 Dec 2021 00:21

Instrument :
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 ClientSampleId :
 VN1214MBS02

Tgt Ion:101 Resp: 306884
 Ion Ratio Lower Upper
 101 100
 103 64.3 50.1 75.1

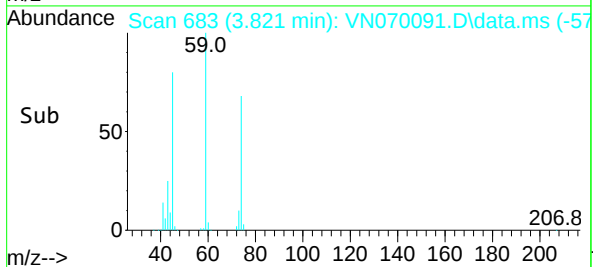
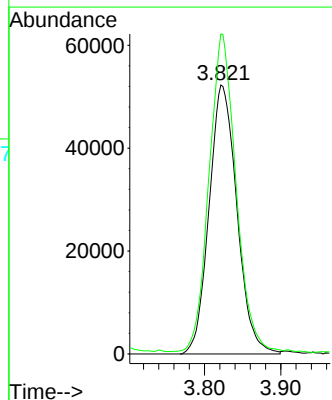
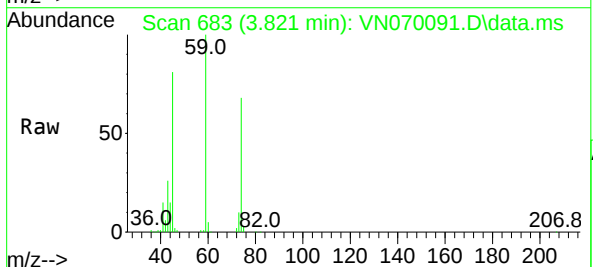
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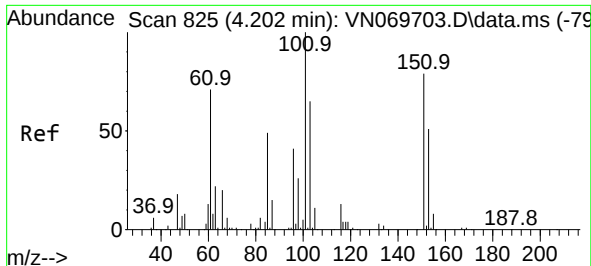
Reviewed By :John Carlone 12/15/2021
 Supervised By :Mahesh Dadoda 12/21/2021



#8
 Diethyl Ether
 Concen: 19.368 ug/l
 RT: 3.821 min Scan# 683
 Delta R.T. 0.000 min
 Lab File: VN070091.D
 Acq: 15 Dec 2021 00:21

Tgt Ion: 74 Resp: 132386
 Ion Ratio Lower Upper
 74 100
 45 113.4 47.0 141.2





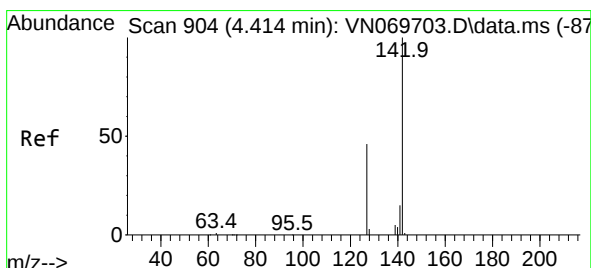
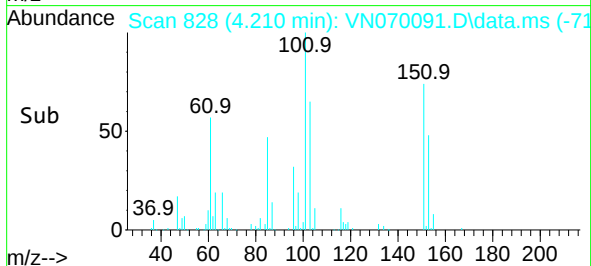
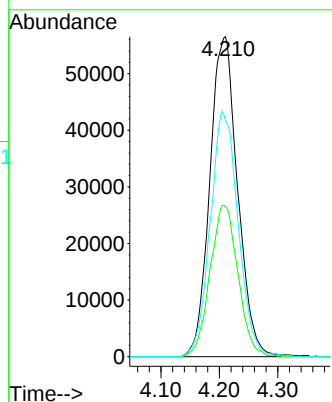
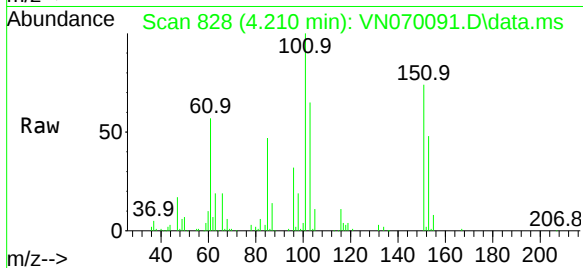
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.780 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02

Tgt Ion:101 Resp: 18682
Ion Ratio Lower Upper
101 100
85 47.4 37.2 55.8
151 77.2 65.9 98.9

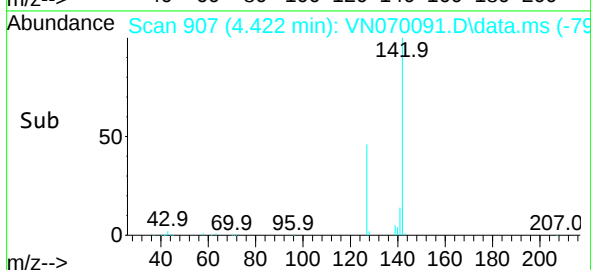
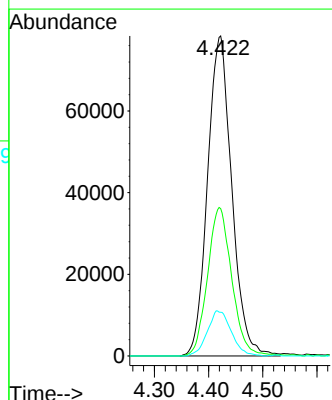
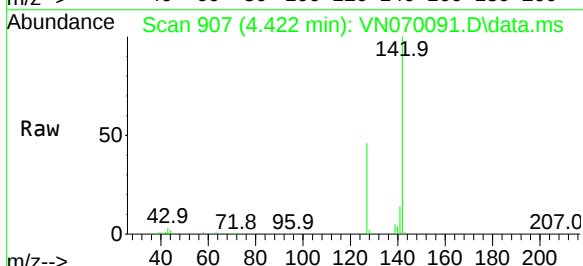
Manual Integrations
APPROVED

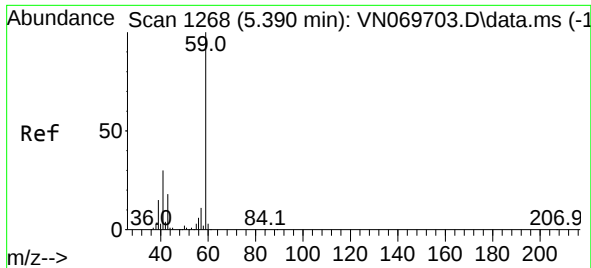
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#10
Methyl Iodide
Concen: 17.917 ug/l
RT: 4.422 min Scan# 907
Delta R.T. 0.008 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

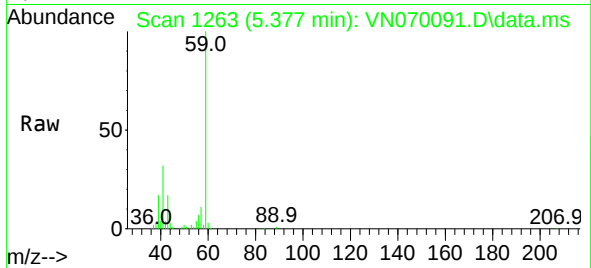
Tgt Ion:142 Resp: 243501
Ion Ratio Lower Upper
142 100
127 46.3 35.4 53.0
141 14.0 11.6 17.4





#11
Tert butyl alcohol
Concen: 86.941 ug/l
RT: 5.377 min Scan# 11
Delta R.T. -0.013 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

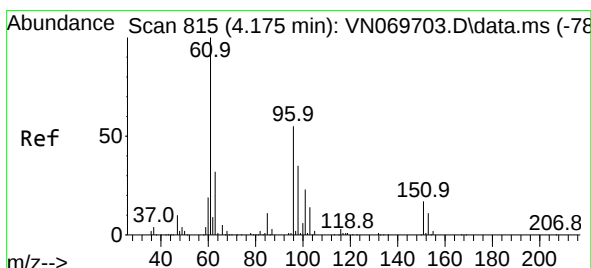
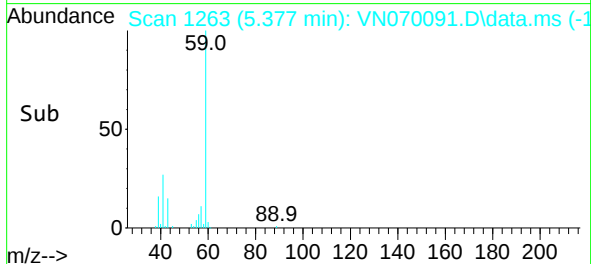
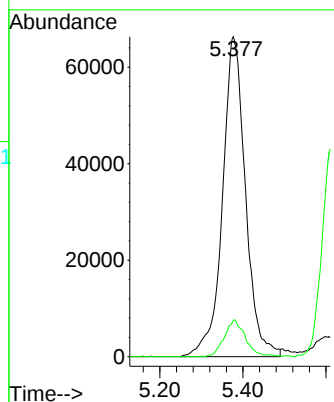
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



Tgt Ion: 59 Resp: 25536
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

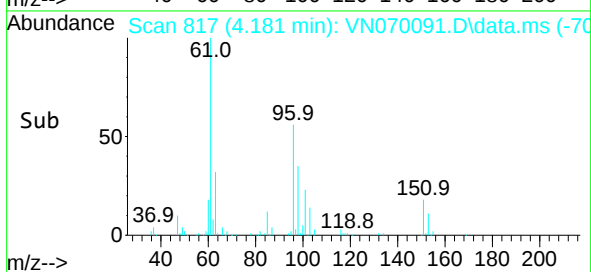
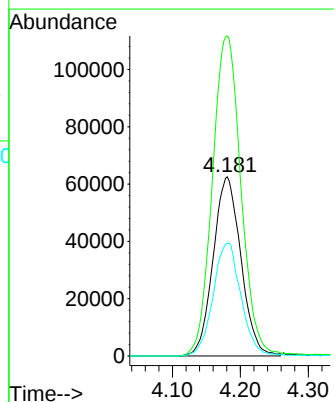
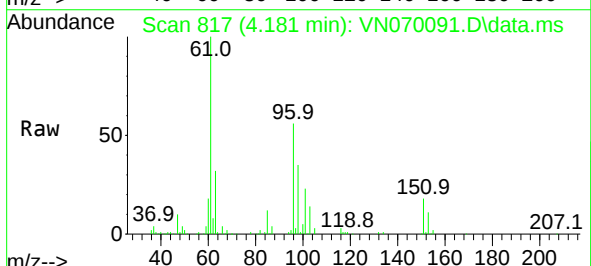
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#12
1,1-Dichloroethene
Concen: 18.504 ug/l
RT: 4.181 min Scan# 817
Delta R.T. 0.006 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

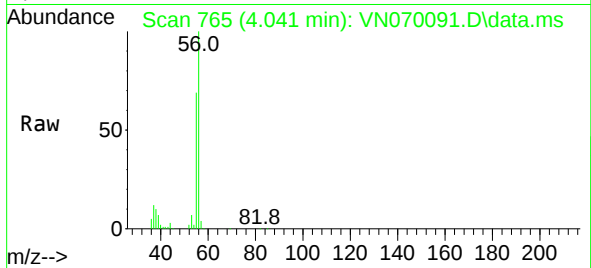
Tgt Ion: 96 Resp: 177386
Ion Ratio Lower Upper
96 100
61 178.5 131.0 196.6
98 62.8 52.4 78.6





#13
Acrolein
Concen: 89.346 ug/l
RT: 4.041 min Scan# 764
Delta R.T. 0.003 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

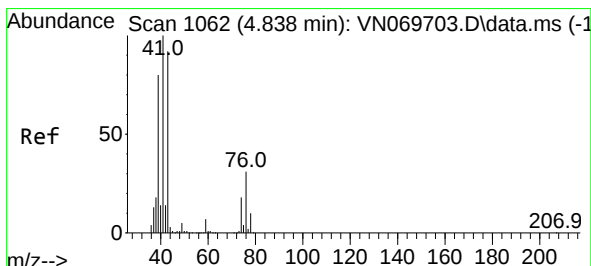
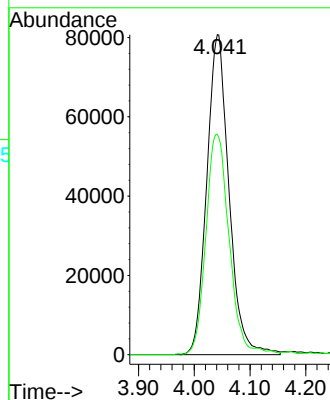
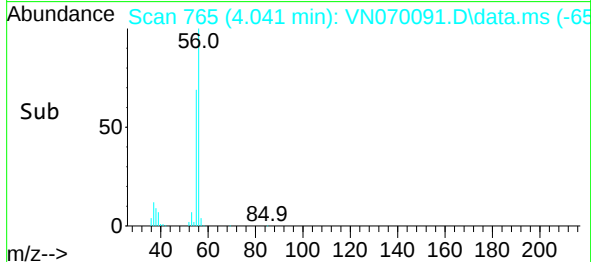
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



Tgt Ion: 56 Resp: 22348
Ion Ratio Lower Upper
56 100
55 70.2 56.6 85.0

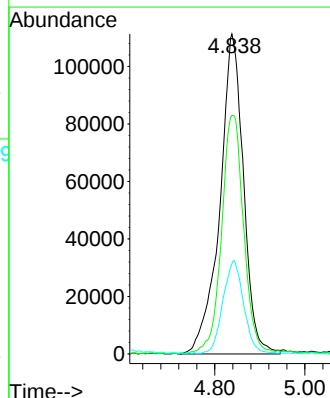
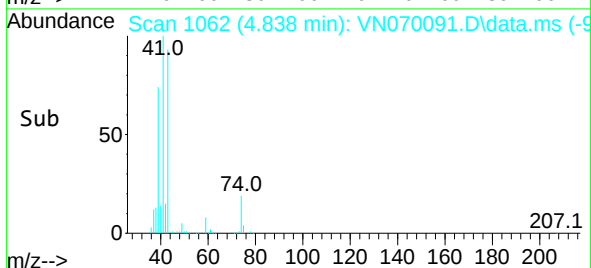
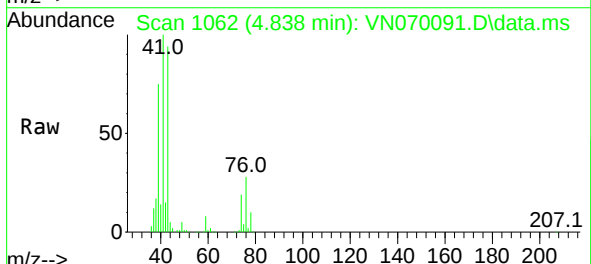
Manual Integrations
APPROVED

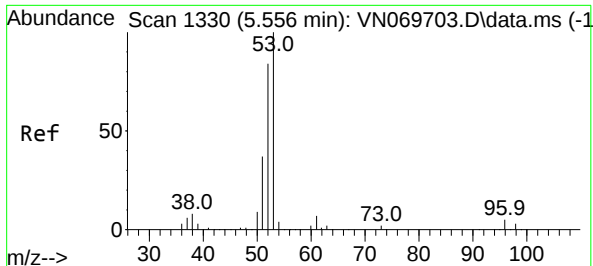
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#14
Allyl chloride
Concen: 18.788 ug/l
RT: 4.838 min Scan# 1062
Delta R.T. 0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

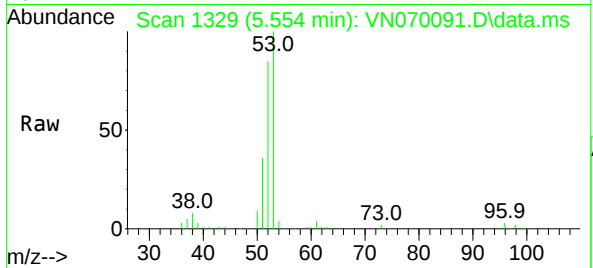
Tgt Ion: 41 Resp: 405846
Ion Ratio Lower Upper
41 100
39 69.2 61.2 91.8
76 25.3 26.0 39.0#





#15
Acrylonitrile
Concen: 93.759 ug/l
RT: 5.554 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

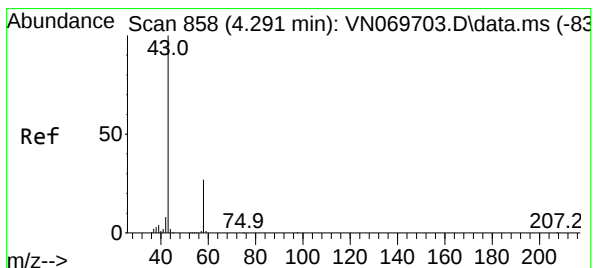
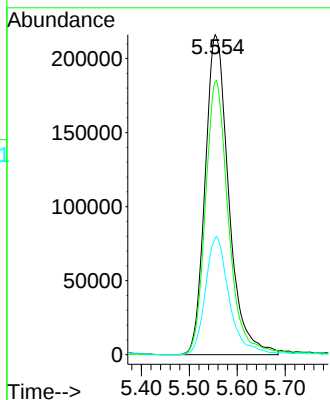
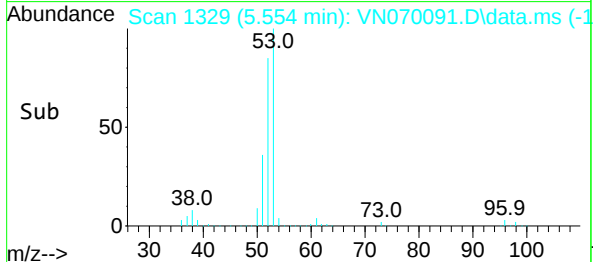
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



Tgt Ion: 53 Resp: 742079
Ion Ratio Lower Upper
53 100
52 83.6 66.2 99.2
51 37.1 29.6 44.4

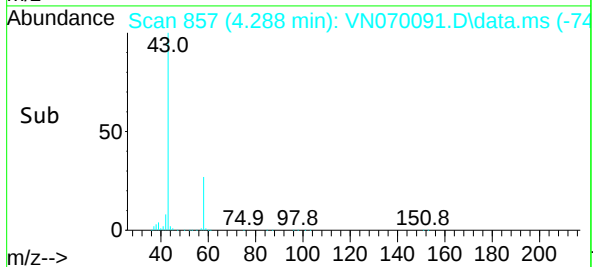
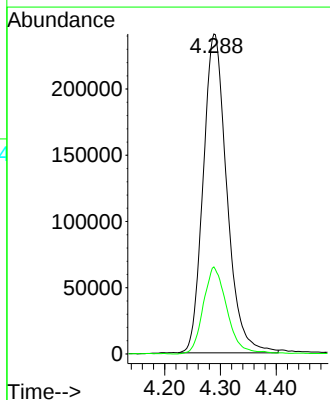
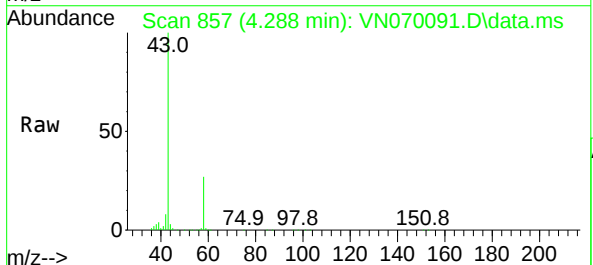
Manual Integrations
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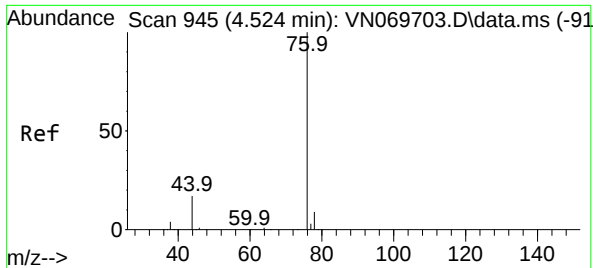
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#16
Acetone
Concen: 75.831 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

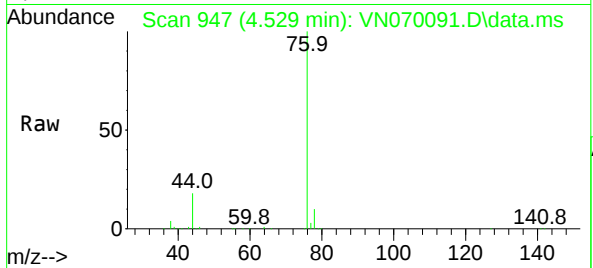
Tgt Ion: 43 Resp: 708822
Ion Ratio Lower Upper
43 100
58 27.3 23.1 34.7





#17
Carbon Disulfide
Concen: 15.426 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

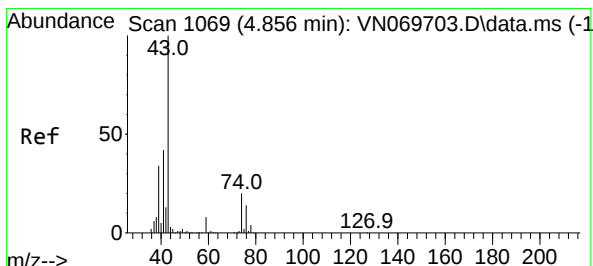
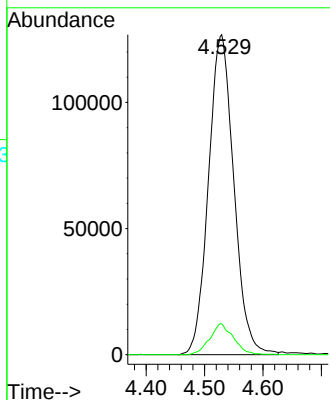
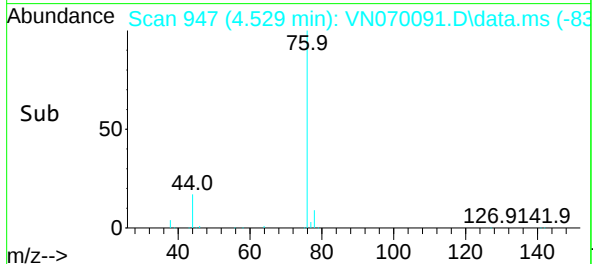
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



Tgt Ion: 76 Resp: 38204
Ion Ratio Lower Upper
76 100
78 9.7 7.5 11.3

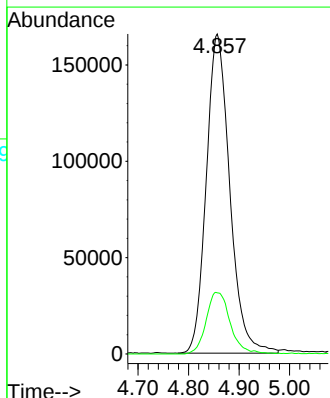
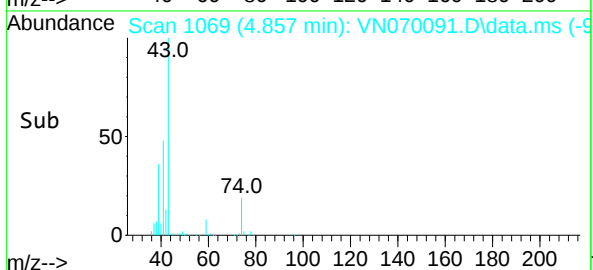
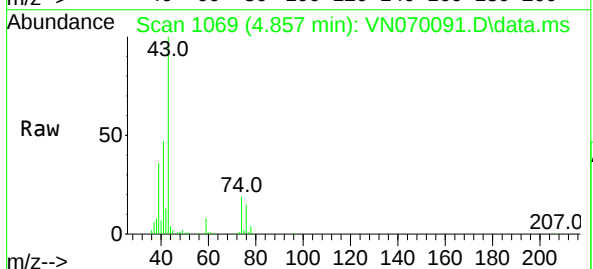
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APPROVED

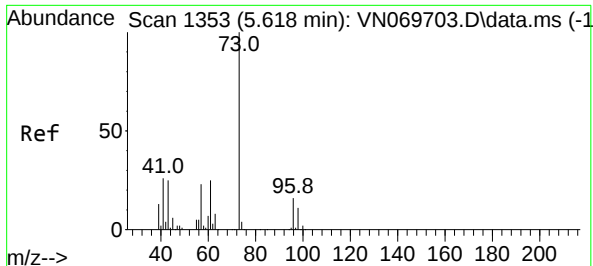
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#18
Methyl Acetate
Concen: 19.008 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

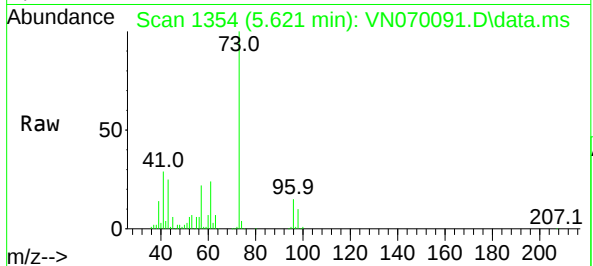
Tgt Ion: 43 Resp: 536287
Ion Ratio Lower Upper
43 100
74 19.4 19.4 29.2#





#19
Methyl tert-butyl Ether
Concen: 19.500 ug/l
RT: 5.621 min Scan# 11354
Delta R.T. 0.003 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

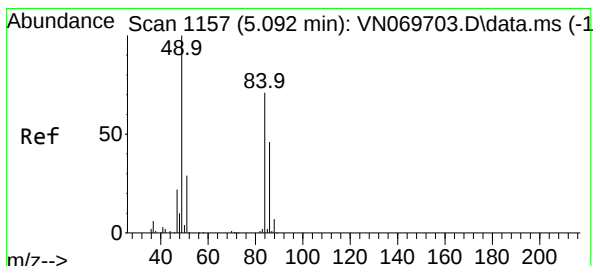
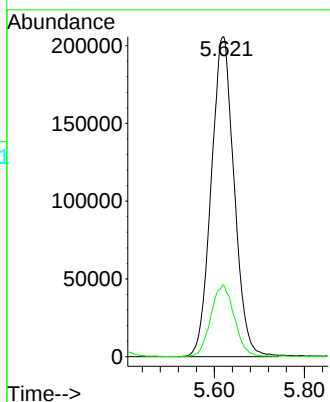
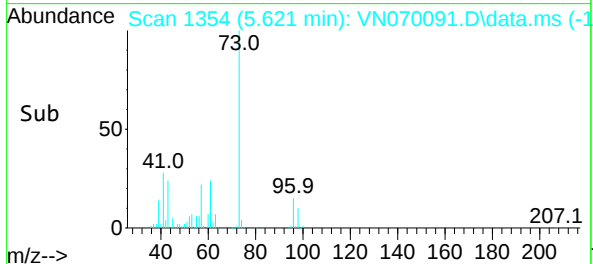
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



Tgt Ion: 73 Resp: 726864
Ion Ratio Lower Upper
73 100
57 22.4 16.8 25.2

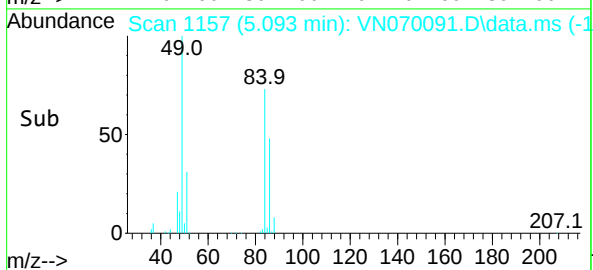
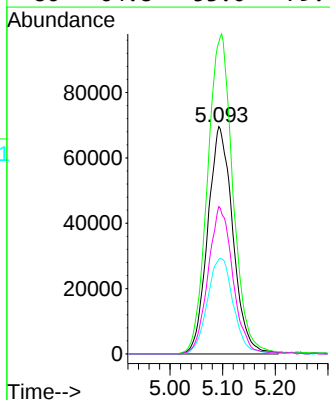
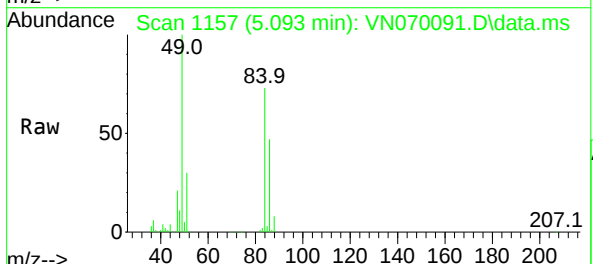
Manual Integrations
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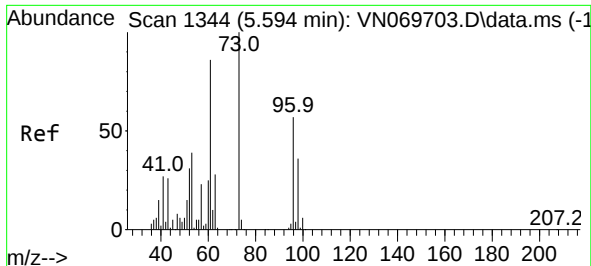
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#20
Methylene Chloride
Concen: 18.509 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

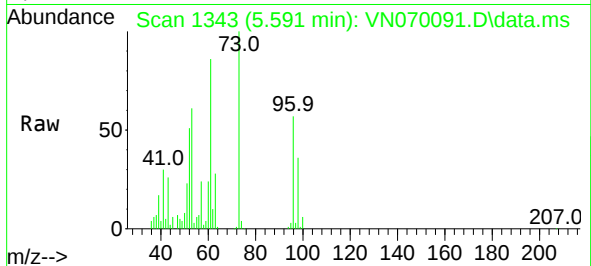
Tgt Ion: 84 Resp: 229996
Ion Ratio Lower Upper
84 100
49 137.1 93.5 140.3
51 41.7 29.4 44.2
86 64.8 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 18.275 ug/l
RT: 5.591 min Scan# 1344
Delta R.T. -0.003 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

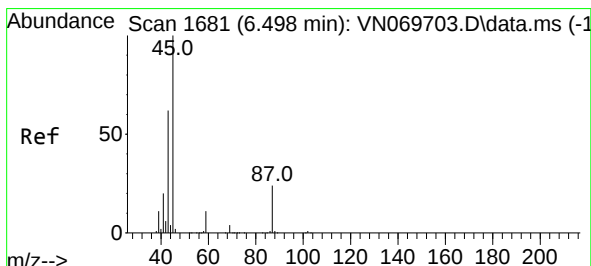
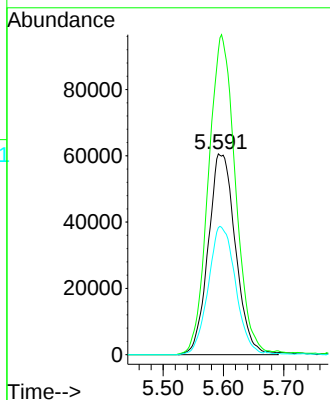
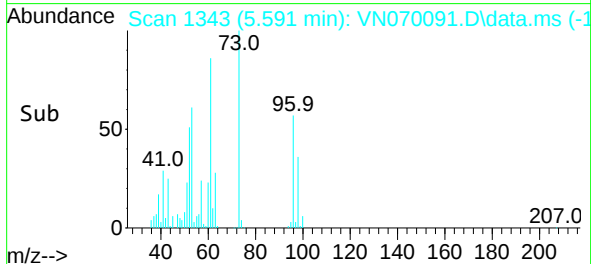
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



Tgt Ion: 96 Resp: 190285
Ion Ratio Lower Upper
96 100
61 151.0 105.8 158.6
98 63.2 52.0 78.0

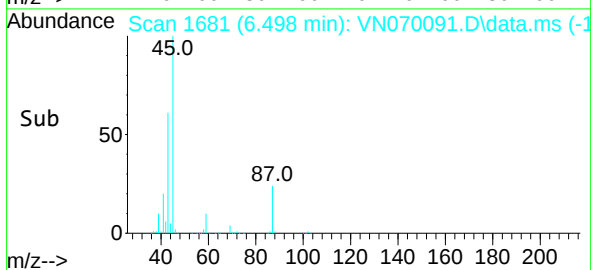
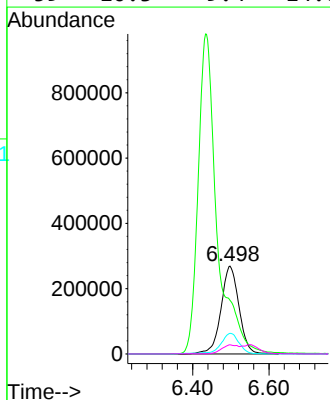
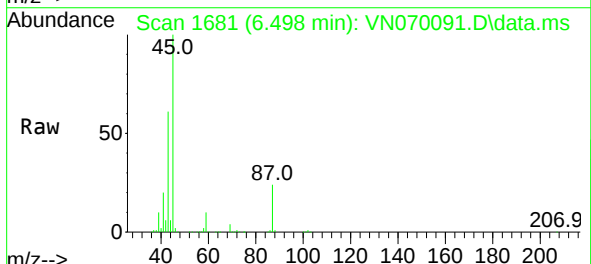
Manual Integrations
APPROVED

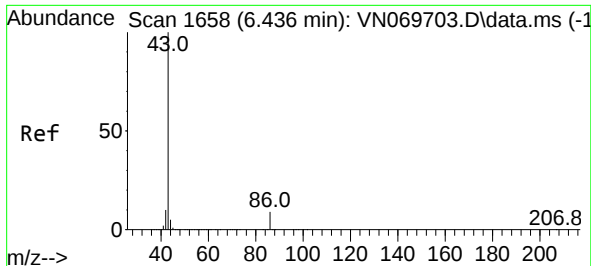
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#22
Diisopropyl ether
Concen: 20.922 ug/l
RT: 6.498 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

Tgt Ion: 45 Resp: 883382
Ion Ratio Lower Upper
45 100
43 60.8 51.7 77.5
87 23.4 23.2 34.8
59 10.3 9.4 14.0





#23

Vinyl Acetate

Concen: 98.170 ug/l

RT: 6.434 min Scan# 1

Delta R.T. -0.003 min

Lab File: VN070091.D

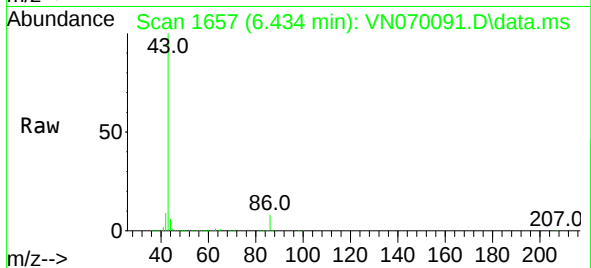
Acq: 15 Dec 2021 00:21

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS02



Tgt Ion: 43 Resp: 337213

Ion Ratio Lower Upper

43 100

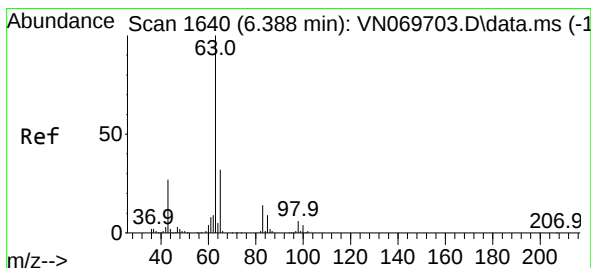
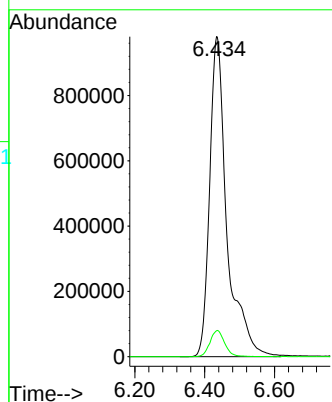
86 8.1 8.5 12.7

Manual Integrations

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Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#24

1,1-Dichloroethane

Concen: 19.829 ug/l

RT: 6.388 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VN070091.D

Acq: 15 Dec 2021 00:21

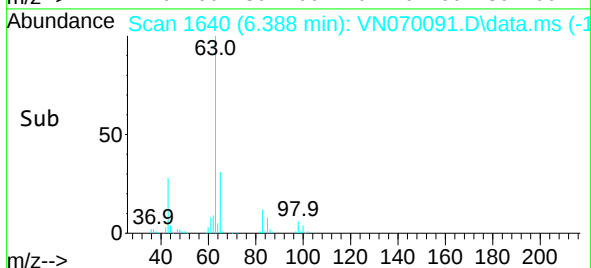
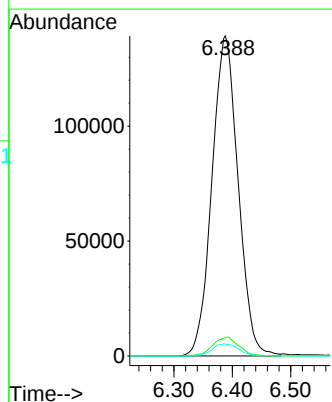
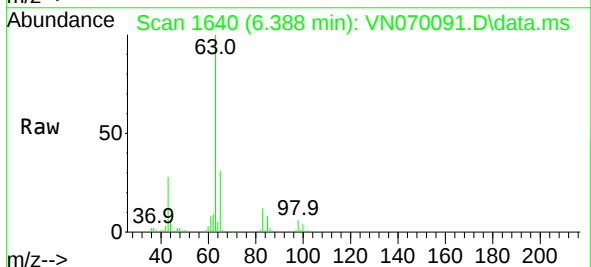
Tgt Ion: 63 Resp: 433676

Ion Ratio Lower Upper

63 100

98 5.7 3.3 9.9

100 3.7 2.1 6.5





#25

2-Butanone

Concen: 86.415 ug/l

RT: 7.337 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VN070091.D

Acq: 15 Dec 2021 00:21

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS02

Tgt Ion: 43 Resp: 1097504

Ion Ratio Lower Upper

43 100

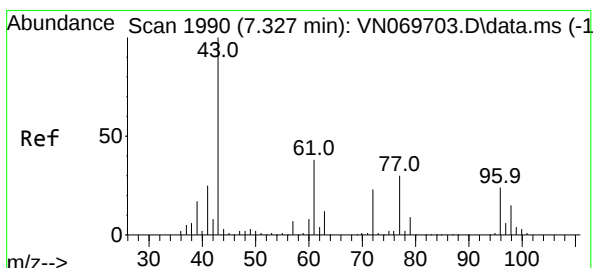
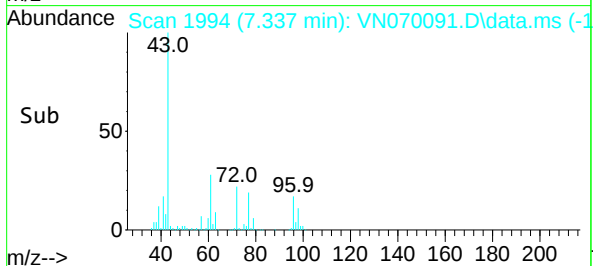
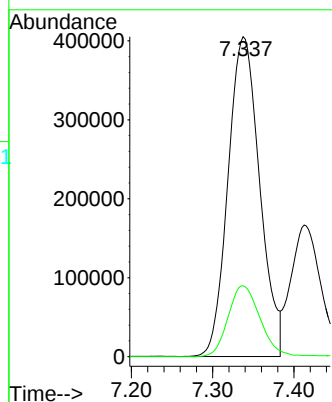
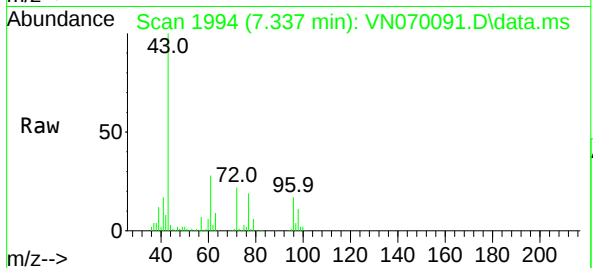
72 22.2 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#26

2,2-Dichloropropane

Concen: 15.889 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.003 min

Lab File: VN070091.D

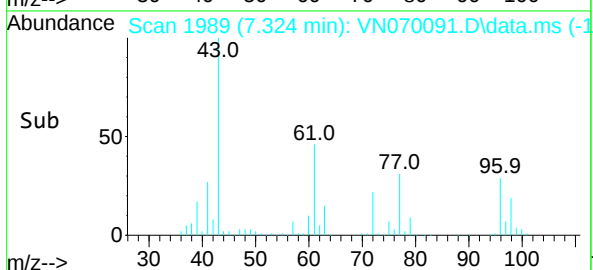
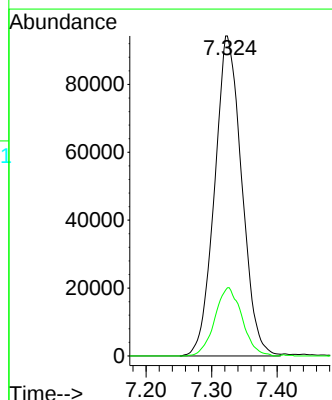
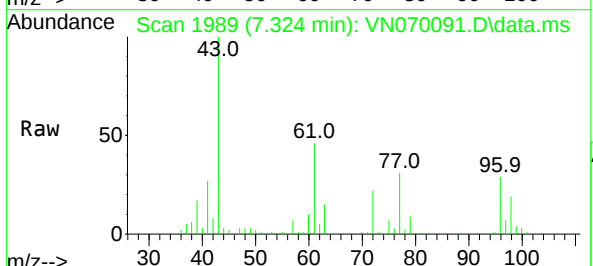
Acq: 15 Dec 2021 00:21

Tgt Ion: 77 Resp: 270192

Ion Ratio Lower Upper

77 100

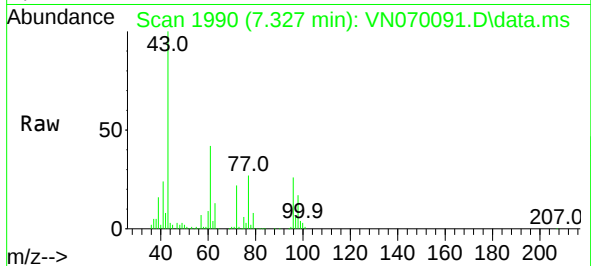
97 21.5 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 18.887 ug/l
 RT: 7.327 min Scan# 1990
 Delta R.T. 0.000 min
 Lab File: VN070091.D
 Acq: 15 Dec 2021 00:21

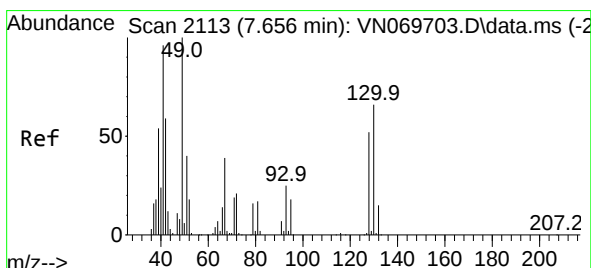
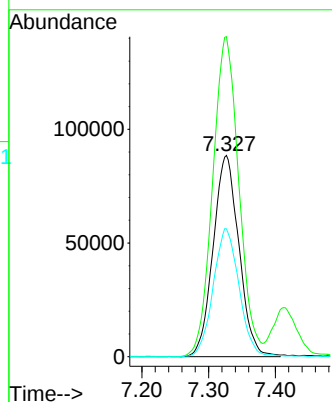
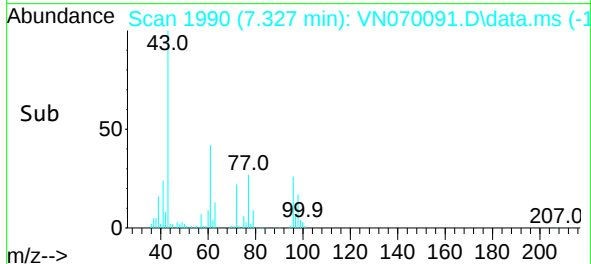
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214MBS02



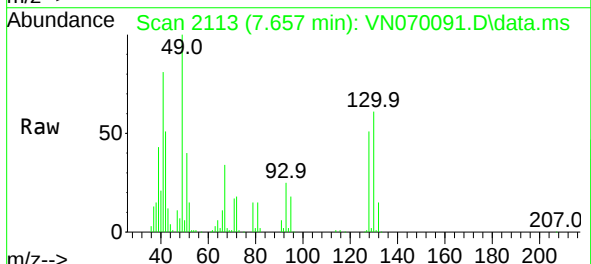
Tgt Ion: 96 Resp: 237600
 Ion Ratio Lower Upper
 96 100
 61 161.1 0.0 275.0
 98 63.4 0.0 129.6

Manual Integrations
 APPROVED

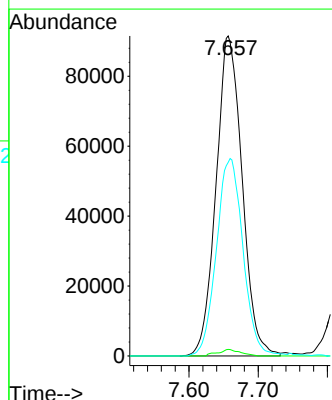
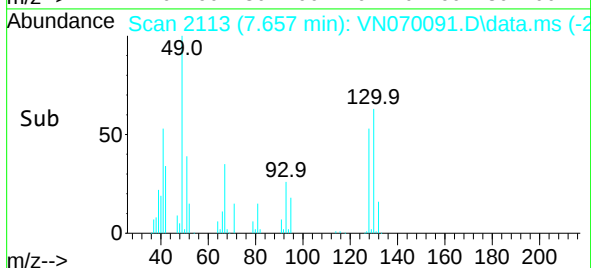
Reviewed By :John Carlone 12/15/2021
 Supervised By :Mahesh Dadoda 12/21/2021

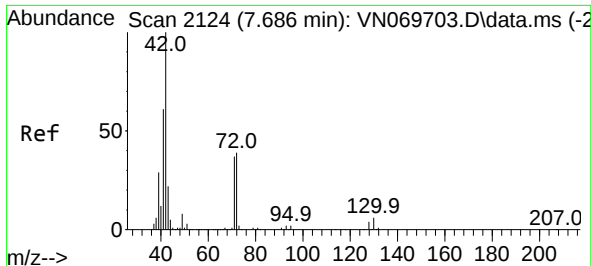


#28
 Bromochloromethane
 Concen: 21.064 ug/l
 RT: 7.657 min Scan# 2113
 Delta R.T. 0.000 min
 Lab File: VN070091.D
 Acq: 15 Dec 2021 00:21



Tgt Ion: 49 Resp: 239567
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.0
 130 62.9 67.8 101.8#





#29

Tetrahydrofuran

Concen: 94.438 ug/l

RT: 7.689 min Scan# 2124

Delta R.T. 0.003 min

Lab File: VN070091.D

Acq: 15 Dec 2021 00:21

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS02

Tgt Ion: 42 Resp: 72830

Ion Ratio Lower Upper

42 100

72 36.8 36.3 54.5

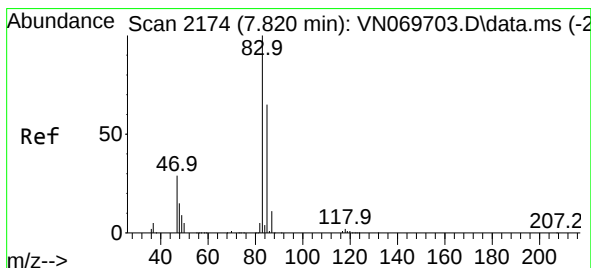
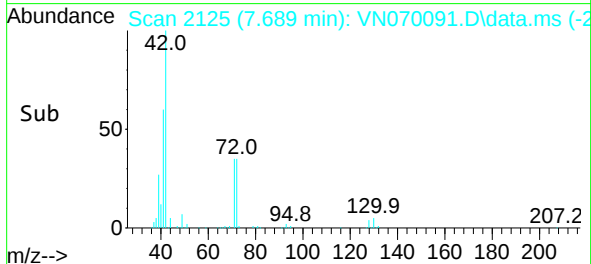
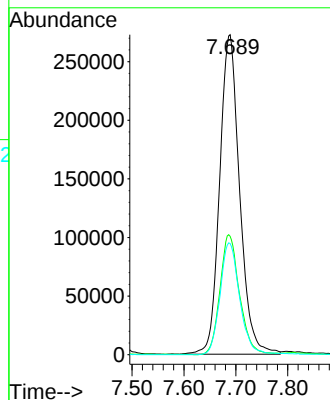
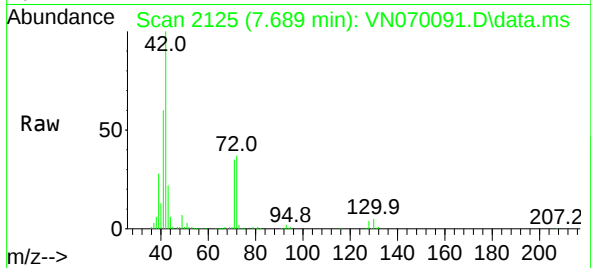
71 34.2 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#30

Chloroform

Concen: 19.658 ug/l

RT: 7.817 min Scan# 2173

Delta R.T. -0.003 min

Lab File: VN070091.D

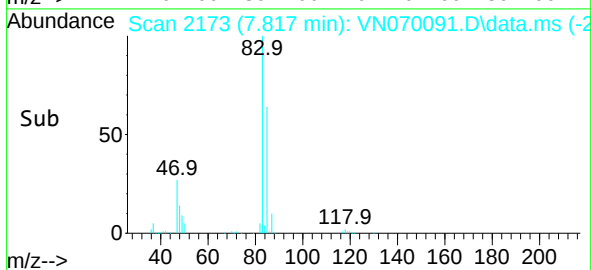
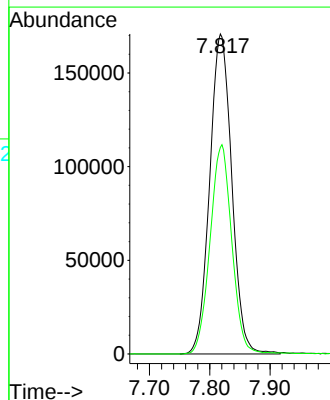
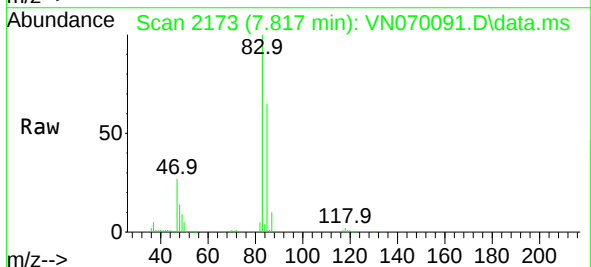
Acq: 15 Dec 2021 00:21

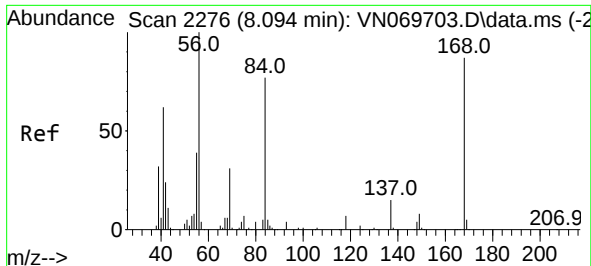
Tgt Ion: 83 Resp: 434211

Ion Ratio Lower Upper

83 100

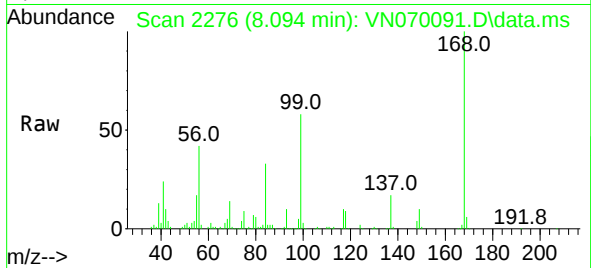
85 64.6 51.9 77.9





#31
Cyclohexane
Concen: 18.755 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

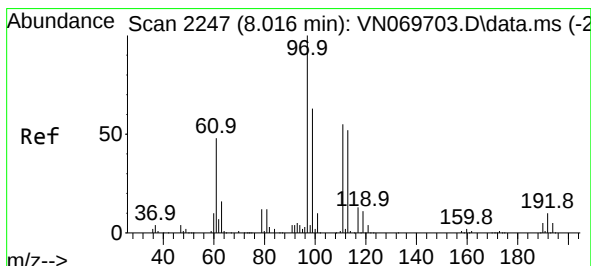
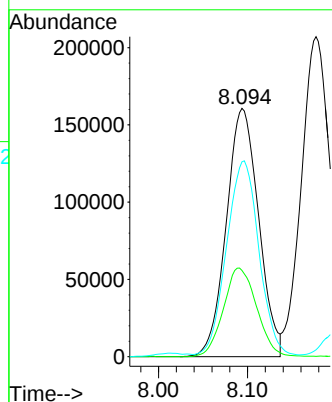
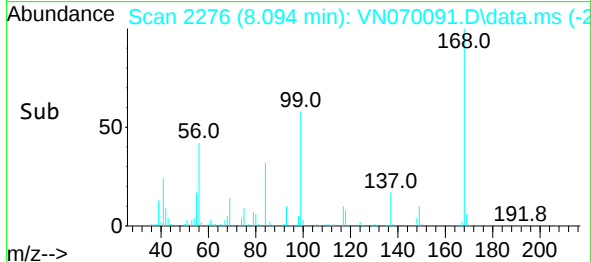
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



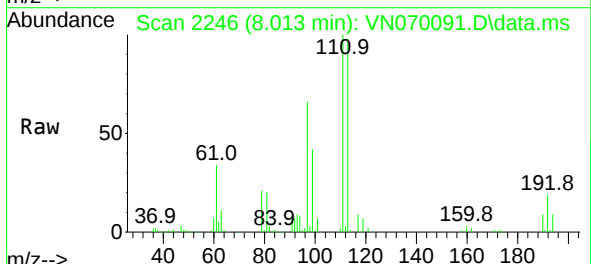
Tgt Ion: 56 Resp: 405578
Ion Ratio Lower Upper
56 100
69 34.7 27.1 40.7
84 77.4 73.4 110.0

Manual Integrations
APPROVED

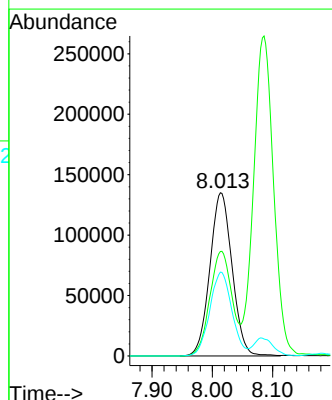
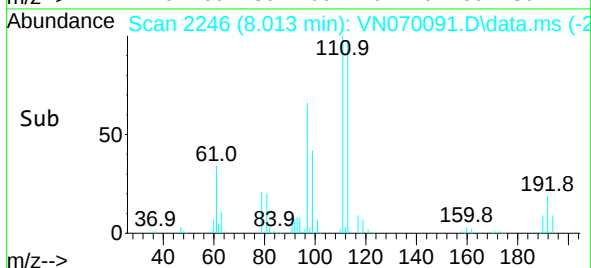
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

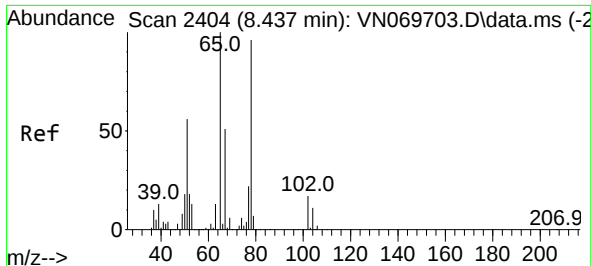


#32
1,1,1-Trichloroethane
Concen: 18.406 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21



Tgt Ion: 97 Resp: 346311
Ion Ratio Lower Upper
97 100
99 63.2 50.1 75.1
61 51.2 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 53.789 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070091.D

Acq: 15 Dec 2021 00:21

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS02

Tgt Ion: 65 Resp: 83582

Ion Ratio Lower Upper

65 100

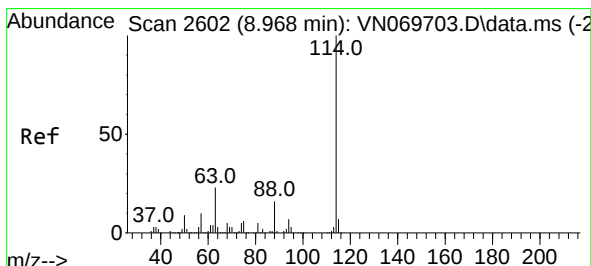
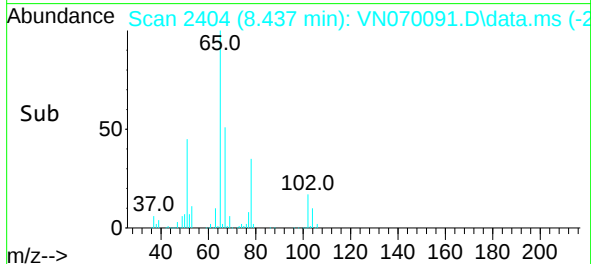
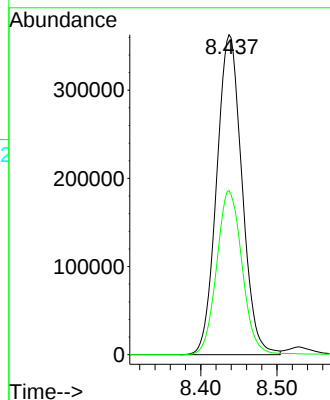
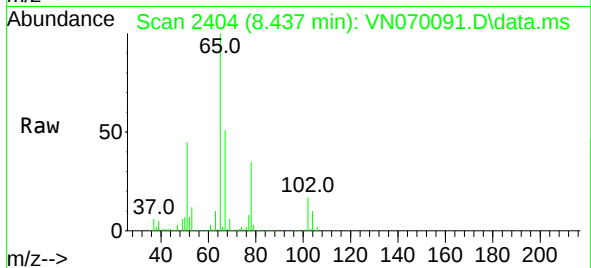
67 51.5 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. 0.000 min

Lab File: VN070091.D

Acq: 15 Dec 2021 00:21

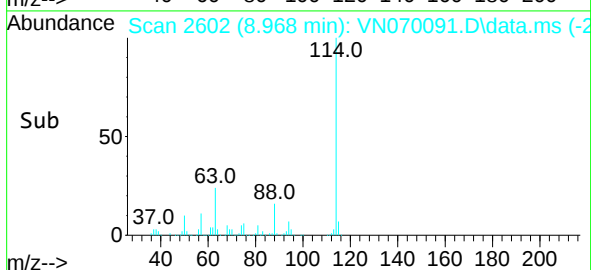
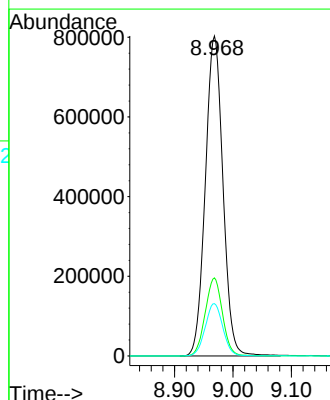
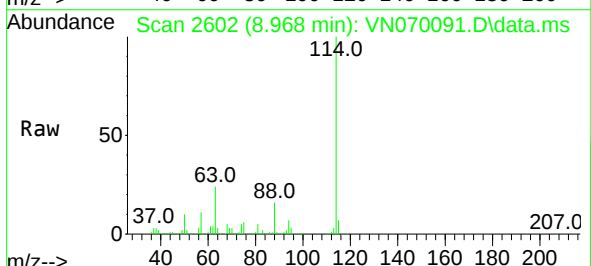
Tgt Ion:114 Resp: 1683150

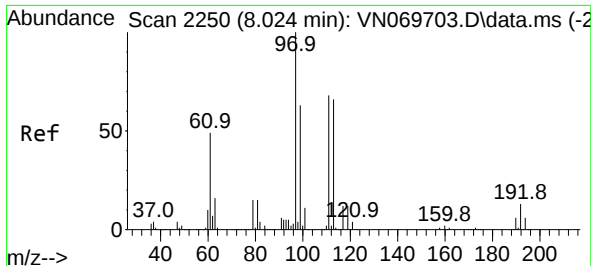
Ion Ratio Lower Upper

114 100

63 24.4 0.0 37.8

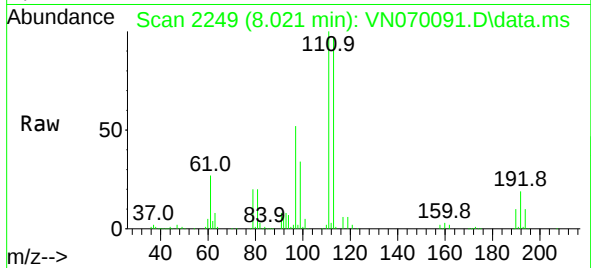
88 16.3 0.0 27.4





#35
Dibromofluoromethane
Concen: 54.104 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

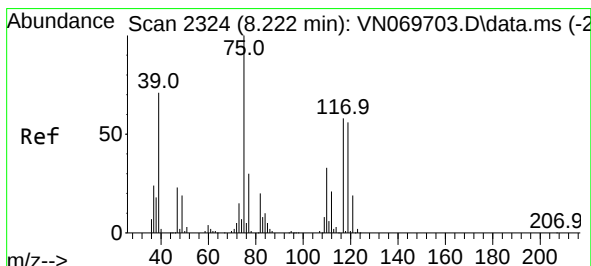
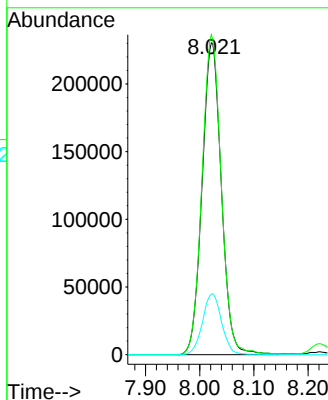
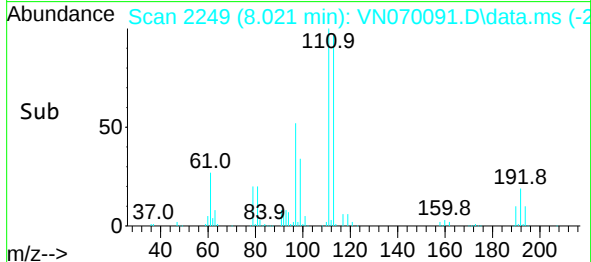
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



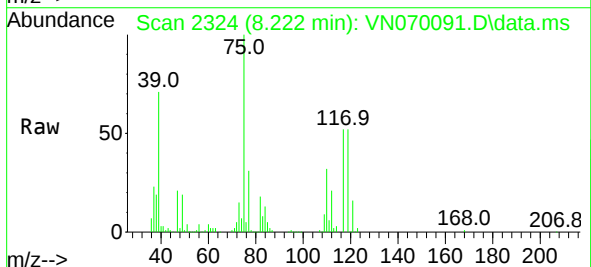
Tgt Ion: 113 Resp: 57041
Ion Ratio Lower Upper
113 100
111 101.4 82.2 123.2
192 19.3 16.9 25.3

Manual Integrations
APPROVED

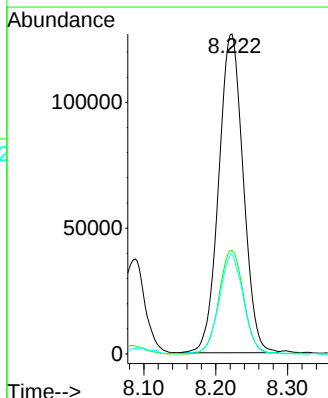
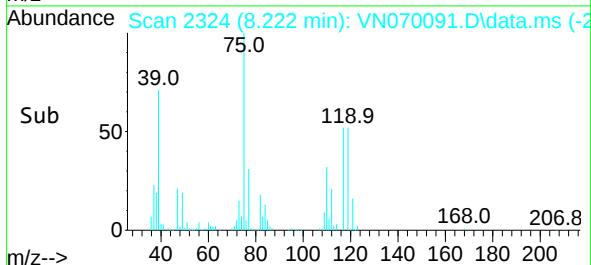
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

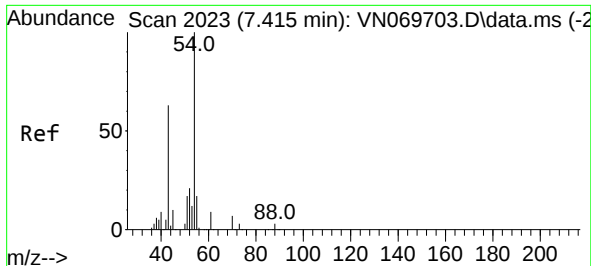


#36
1,1-Dichloropropene
Concen: 18.718 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21



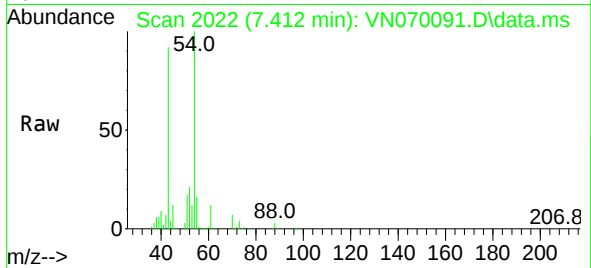
Tgt Ion: 75 Resp: 299926
Ion Ratio Lower Upper
75 100
110 32.7 18.4 55.2
77 31.2 24.4 36.6





#37
Ethyl Acetate
Concen: 18.406 ug/l
RT: 7.412 min Scan# 20
Delta R.T. -0.003 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

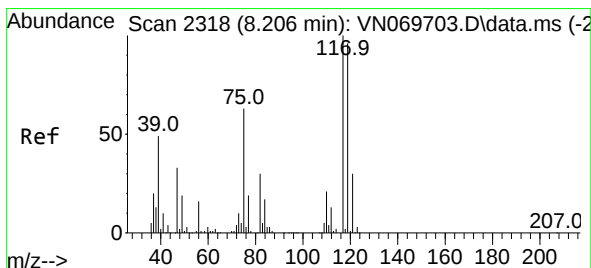
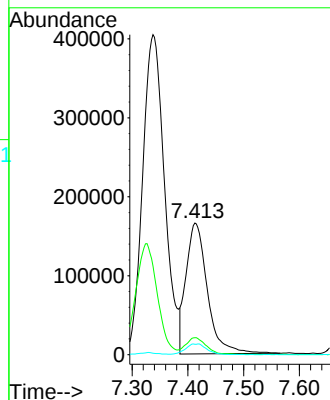
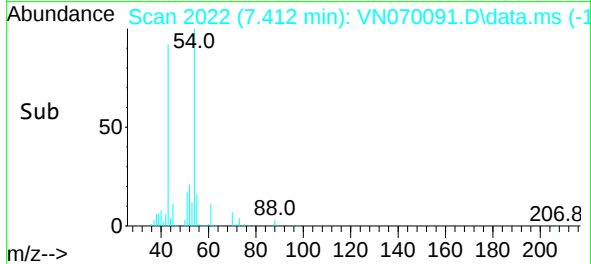
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



Tgt Ion: 43 Resp: 438952
Ion Ratio Lower Upper
43 100
61 12.3 11.5 17.3
70 4.0 7.9 11.9

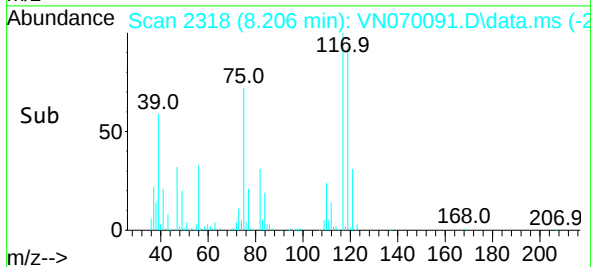
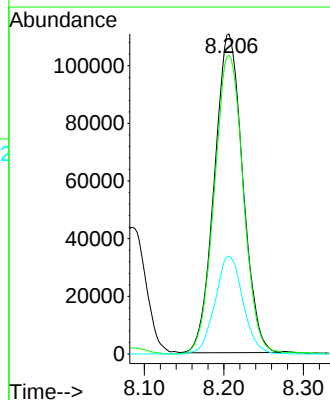
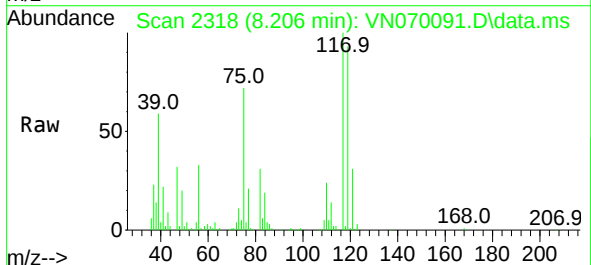
Manual Integrations
APPROVED

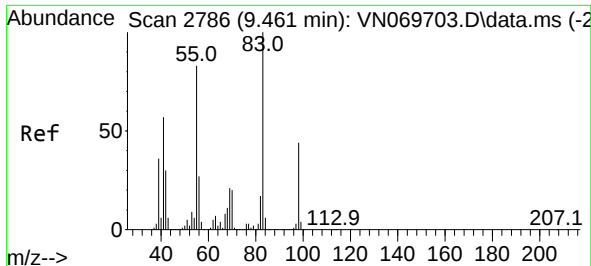
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#38
Carbon Tetrachloride
Concen: 17.420 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

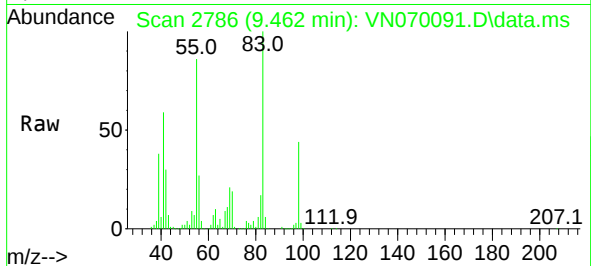
Tgt Ion:117 Resp: 273715
Ion Ratio Lower Upper
117 100
119 93.7 76.1 114.1
121 30.7 24.2 36.2





#39
Methylcyclohexane
Concen: 17.887 ug/l
RT: 9.462 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

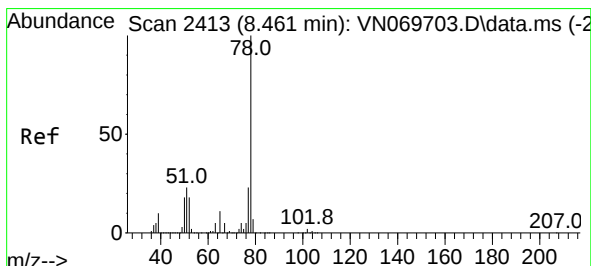
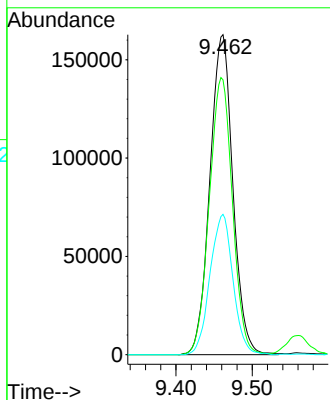
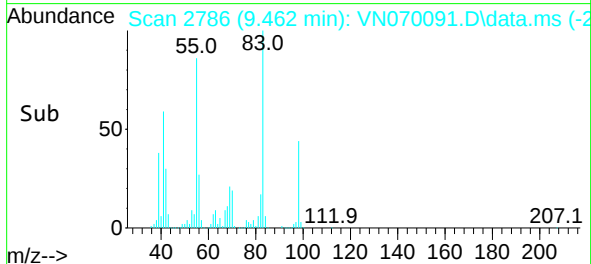
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



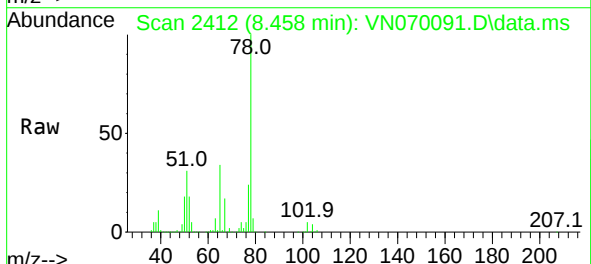
Tgt Ion: 83 Resp: 34090
Ion Ratio Lower Upper
83 100
55 85.9 58.1 87.1
98 43.9 38.4 57.6

Manual Integrations
APPROVED

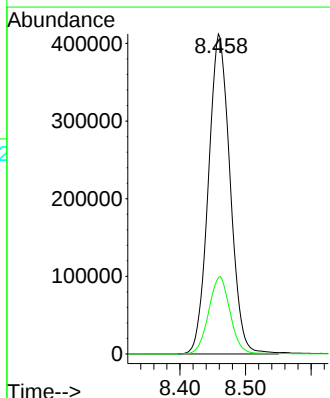
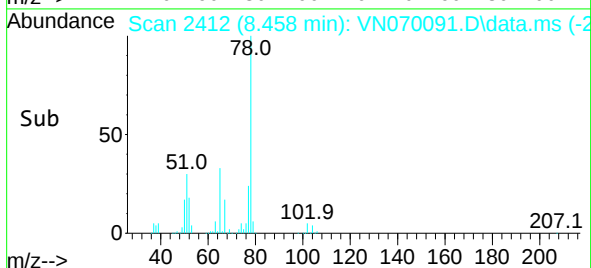
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

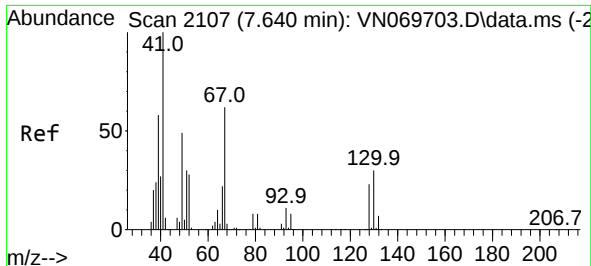


#40
Benzene
Concen: 19.301 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.002 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21



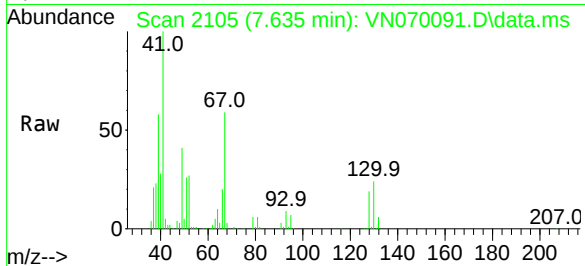
Tgt Ion: 78 Resp: 945297
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8





#41
Methacrylonitrile
Concen: 19.746 ug/l
RT: 7.635 min Scan# 2106
Delta R.T. -0.005 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

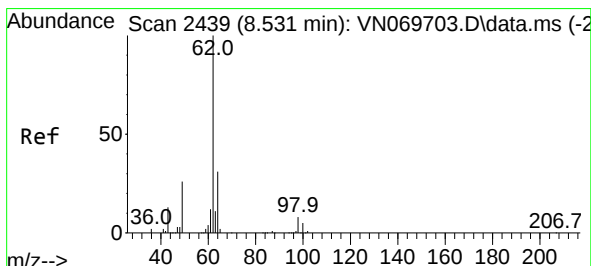
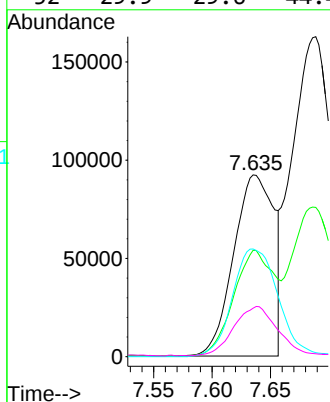
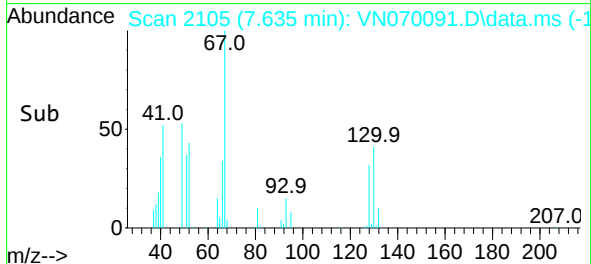
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



Tgt Ion: 41 Resp: 221062
Ion Ratio Lower Upper
41 100
39 60.0 48.1 72.1
67 68.1 68.3 102.5
52 29.9 29.6 44.4

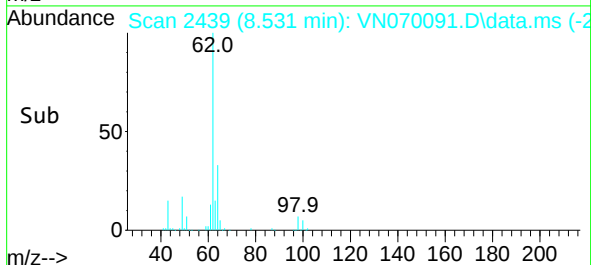
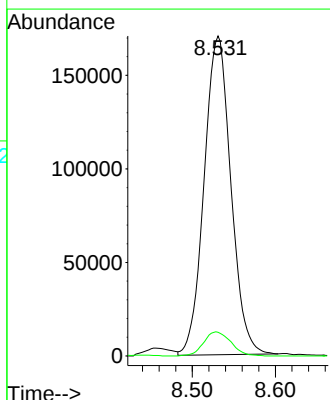
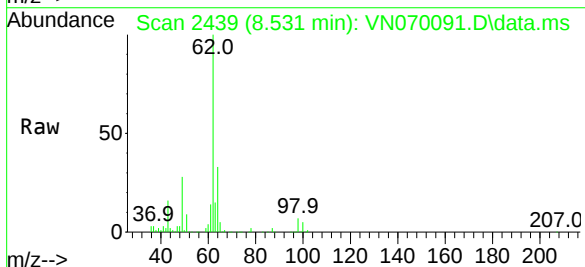
Manual Integrations
APPROVED

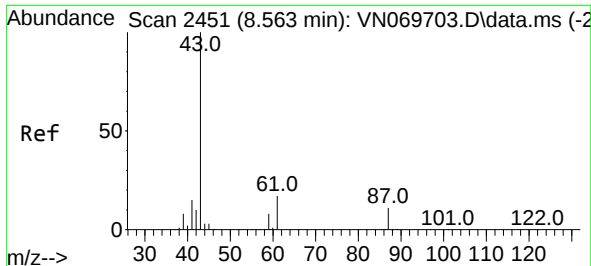
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#42
1,2-Dichloroethane
Concen: 19.280 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

Tgt Ion: 62 Resp: 381188
Ion Ratio Lower Upper
62 100
98 7.8 0.0 17.6





#43

Isopropyl Acetate

Concen: 18.988 ug/l

RT: 8.563 min Scan# 2451

Delta R.T. 0.000 min

Lab File: VN070091.D

Acq: 15 Dec 2021 00:21

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS02

Tgt Ion: 43 Resp: 670119

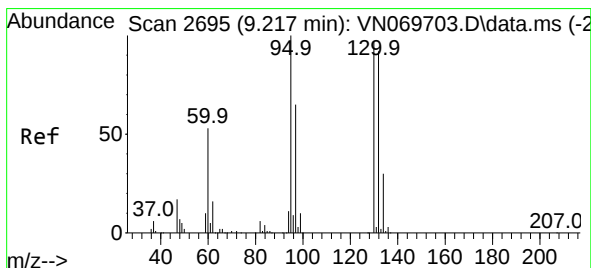
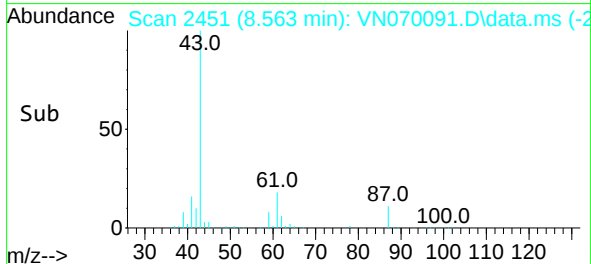
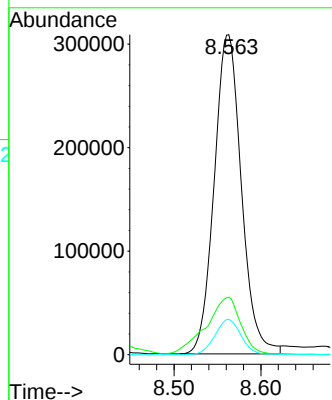
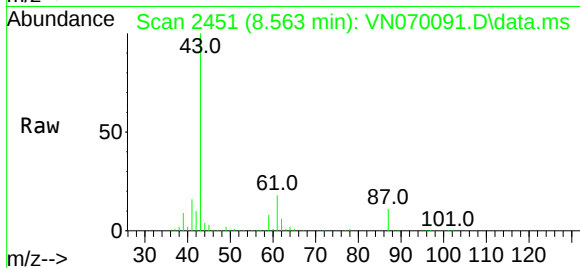
Ion	Ratio	Lower	Upper
43	100		
61	22.4	20.4	30.6
87	10.6	11.2	16.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#44

Trichloroethene

Concen: 18.306 ug/l

RT: 9.217 min Scan# 2695

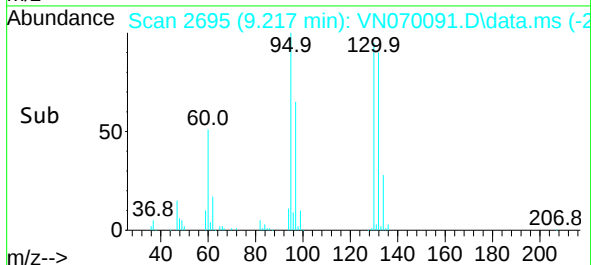
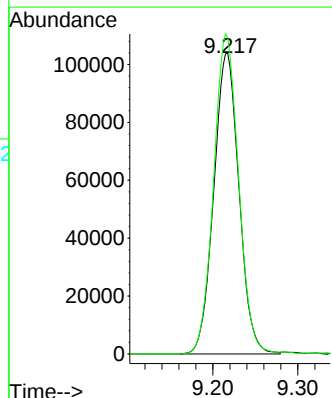
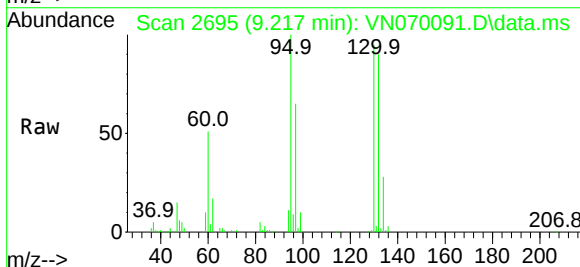
Delta R.T. 0.000 min

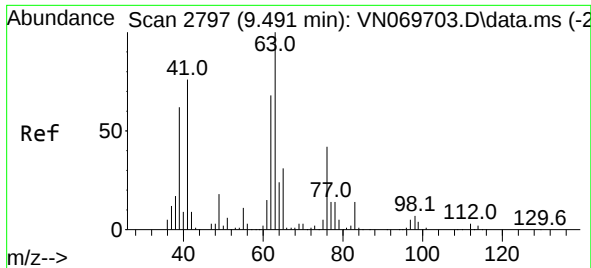
Lab File: VN070091.D

Acq: 15 Dec 2021 00:21

Tgt Ion:130 Resp: 213989

Ion	Ratio	Lower	Upper
130	100		
95	105.2	0.0	191.2





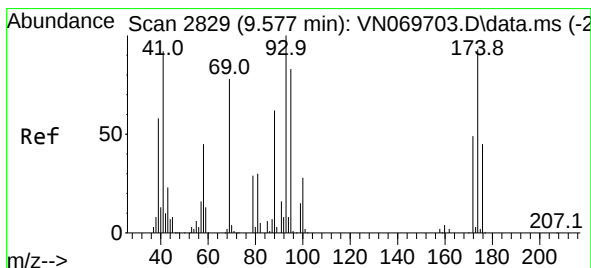
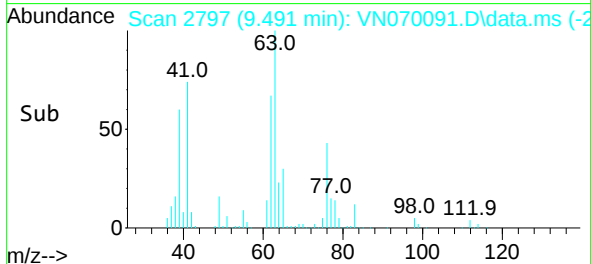
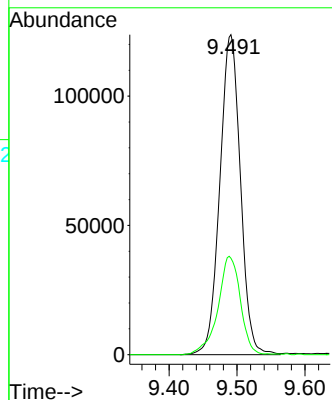
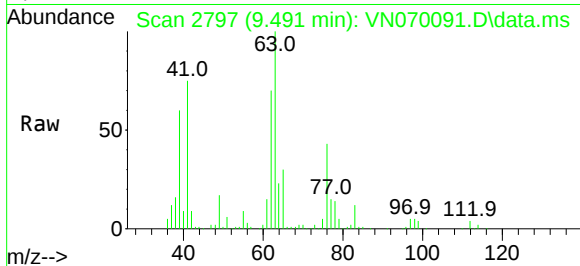
#45
1,2-Dichloropropane
Concen: 19.832 ug/l
RT: 9.491 min Scan# 2797
Delta R.T. 0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02

Tgt Ion: 63 Resp: 260833
Ion Ratio Lower Upper
63 100
65 30.1 24.7 37.1

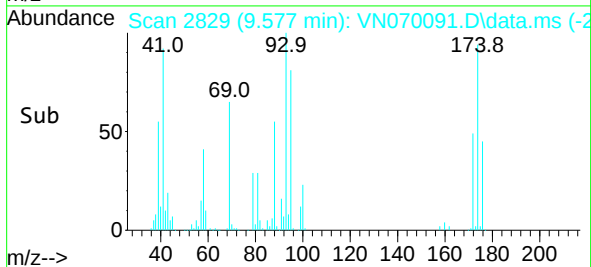
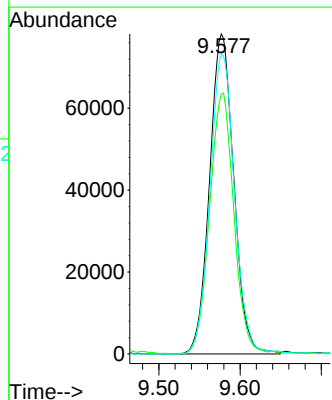
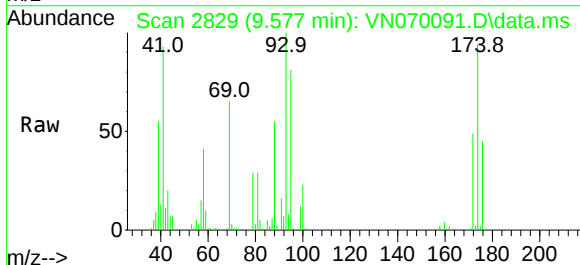
Manual Integrations
APPROVED

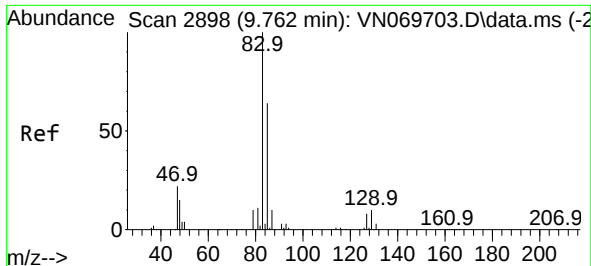
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#46
Dibromomethane
Concen: 18.751 ug/l
RT: 9.577 min Scan# 2829
Delta R.T. 0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

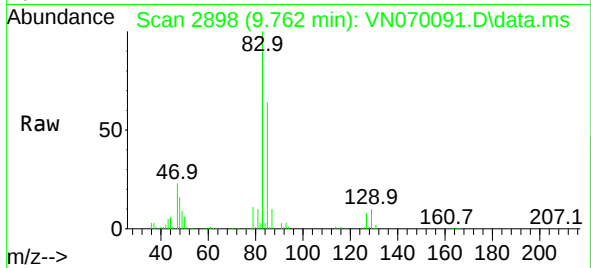
Tgt Ion: 93 Resp: 161733
Ion Ratio Lower Upper
93 100
95 81.6 65.9 98.9
174 94.9 84.6 127.0





#47
Bromodichloromethane
Concen: 18.996 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

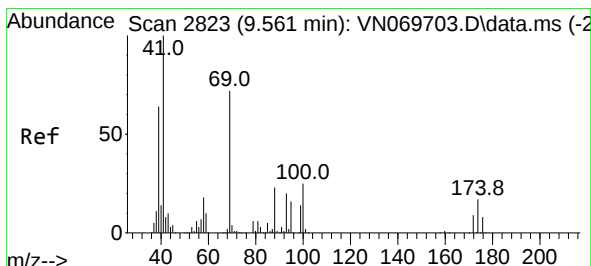
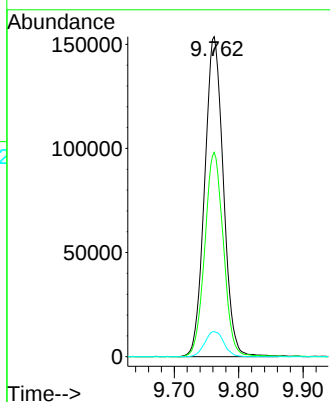
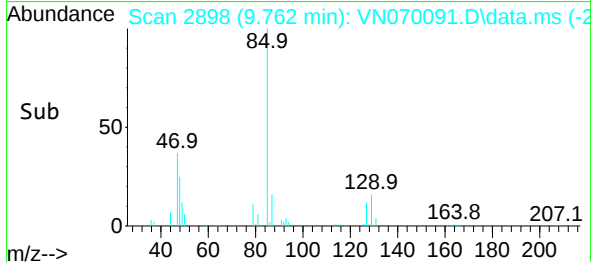
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



Tgt Ion: 83 Resp: 310219
Ion Ratio Lower Upper
83 100
85 63.9 50.9 76.3
127 7.8 7.1 10.7

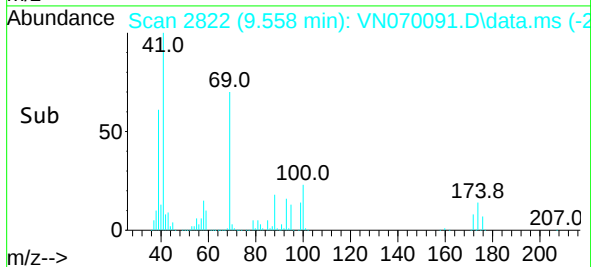
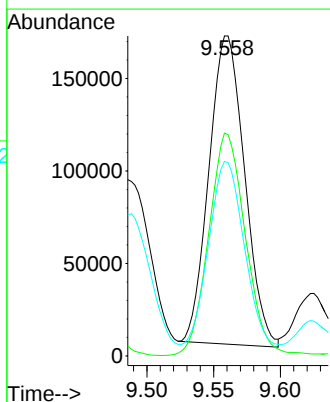
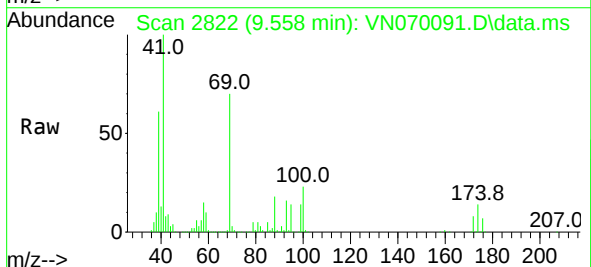
Manual Integrations
APPROVED

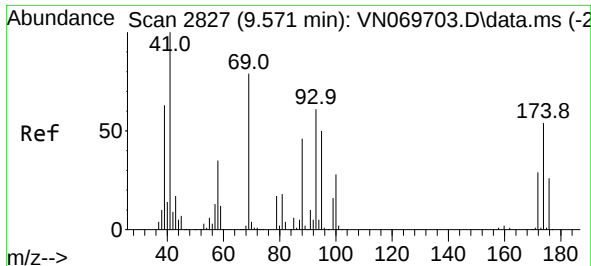
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#48
Methyl methacrylate
Concen: 18.813 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. -0.003 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

Tgt Ion: 41 Resp: 309846
Ion Ratio Lower Upper
41 100
69 74.2 72.4 108.6
39 65.6 58.4 87.6





#49

1,4-Dioxane

Concen: 346.429 ug/l

RT: 9.572 min Scan# 2827

Delta R.T. 0.000 min

Lab File: VN070091.D

Acq: 15 Dec 2021 00:21

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS02

Tgt Ion: 88 Resp: 102370

Ion Ratio Lower Upper

88 100

43 36.4 23.4 35.2

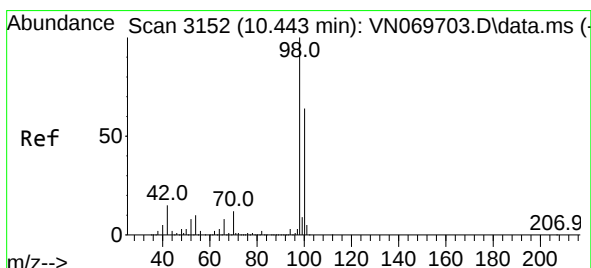
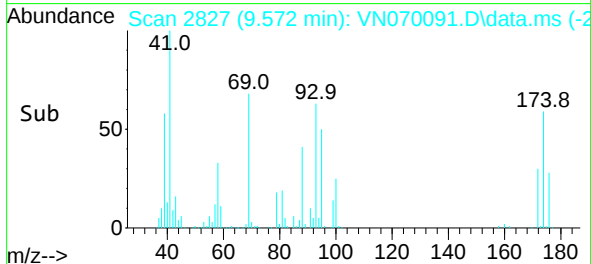
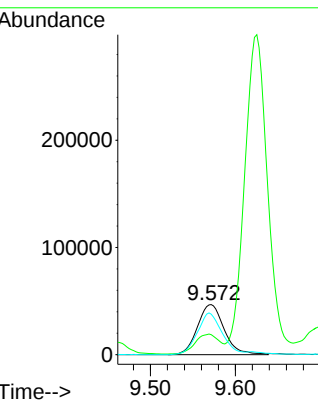
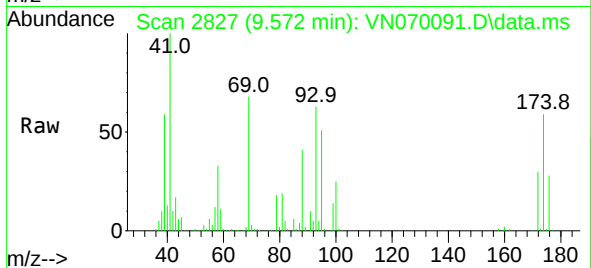
58 76.9 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#50

Toluene-d8

Concen: 52.416 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. -0.003 min

Lab File: VN070091.D

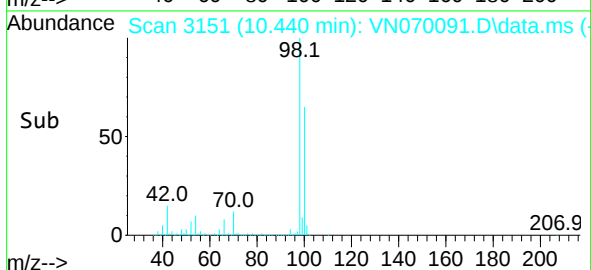
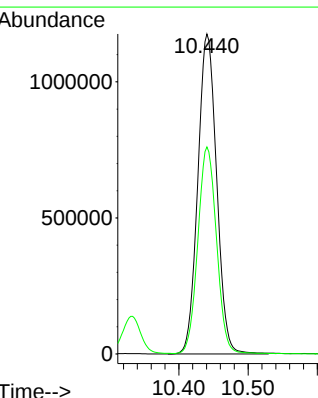
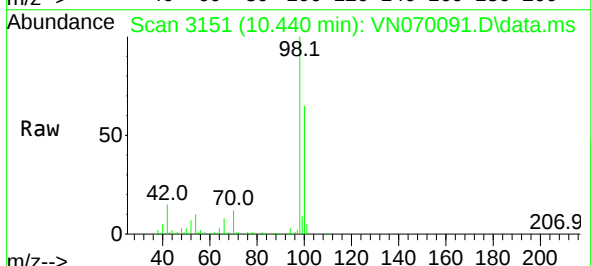
Acq: 15 Dec 2021 00:21

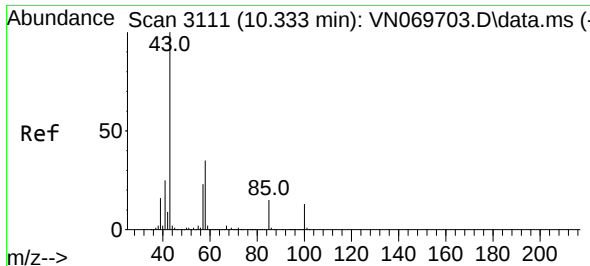
Tgt Ion: 98 Resp: 2218950

Ion Ratio Lower Upper

98 100

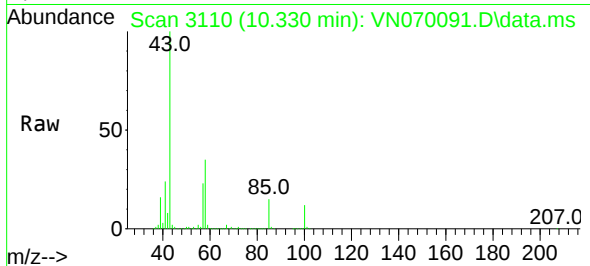
100 64.1 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 97.108 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

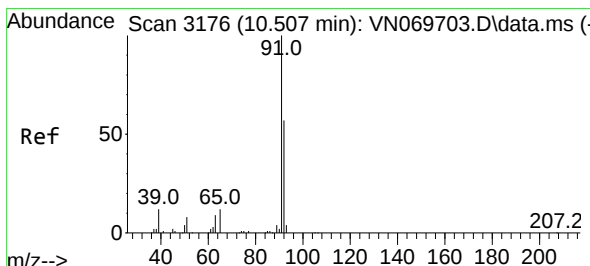
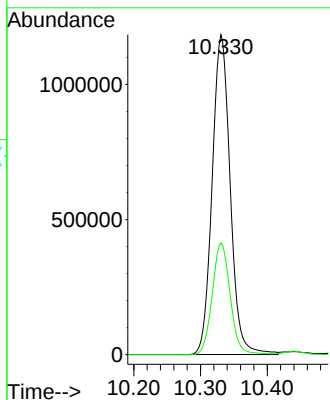
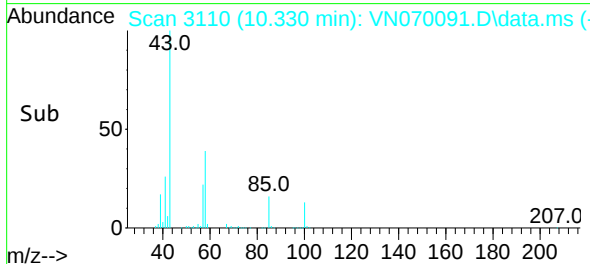
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



Tgt Ion: 43 Resp: 2223260
Ion Ratio Lower Upper
43 100
58 34.8 30.4 45.6

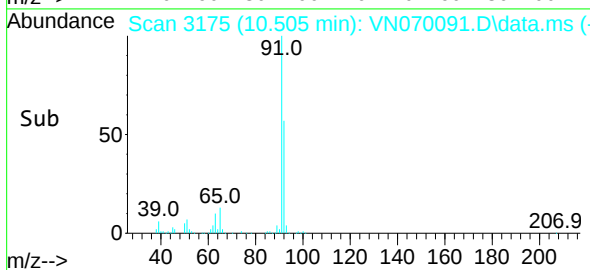
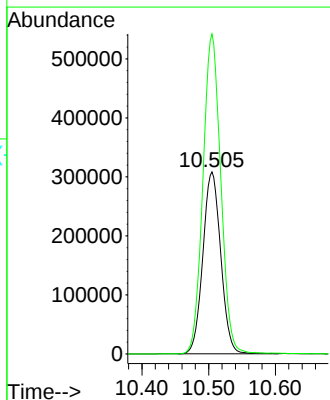
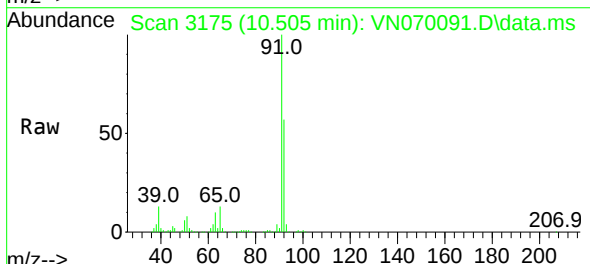
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#52
Toluene
Concen: 19.181 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

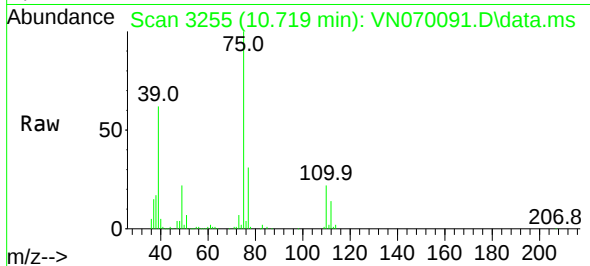
Tgt Ion: 92 Resp: 573542
Ion Ratio Lower Upper
92 100
91 175.6 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 17.701 ug/l
RT: 10.719 min Scan# 310170
Delta R.T. 0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

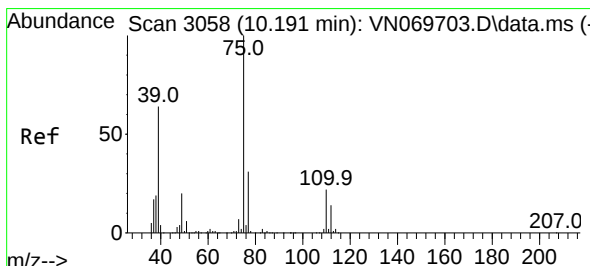
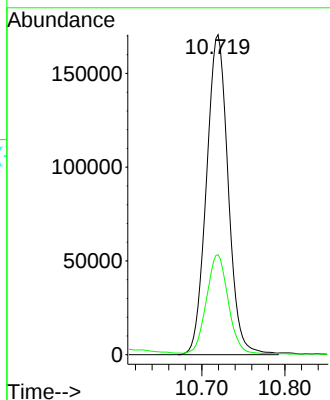
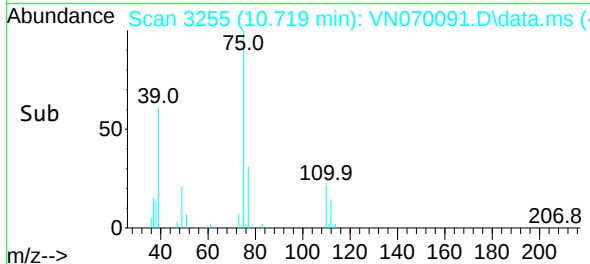
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



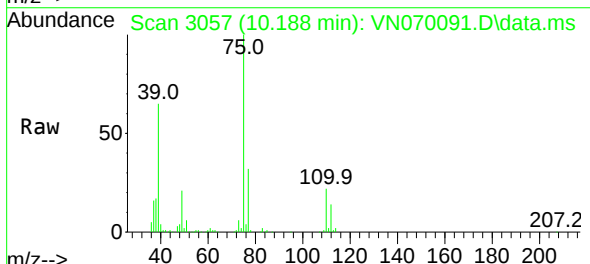
Tgt Ion: 75 Resp: 310170
Ion Ratio Lower Upper
75 100
77 31.0 25.6 38.4

Manual Integrations
APPROVED

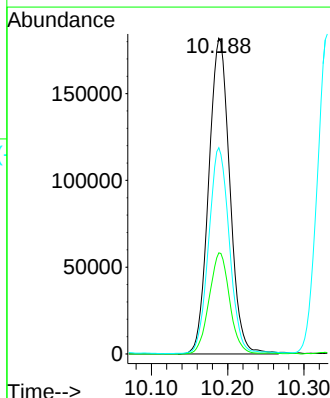
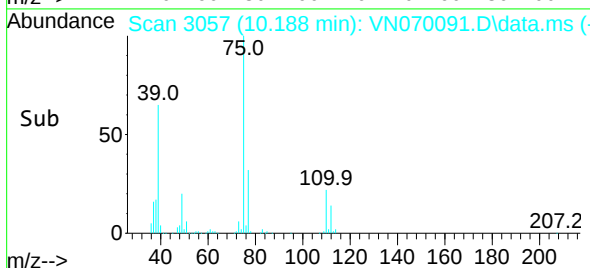
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

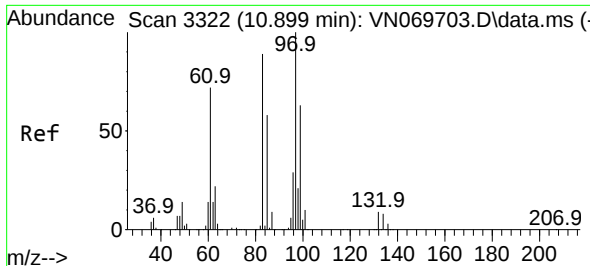


#54
cis-1,3-Dichloropropene
Concen: 18.243 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. -0.003 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21



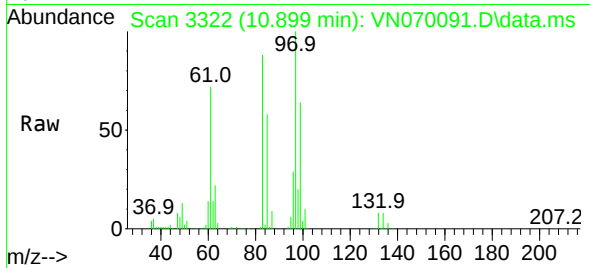
Tgt Ion: 75 Resp: 348865
Ion Ratio Lower Upper
75 100
77 32.0 26.4 39.6
39 65.1 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 19.515 ug/l
RT: 10.899 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

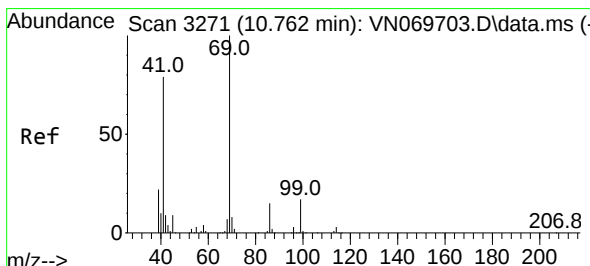
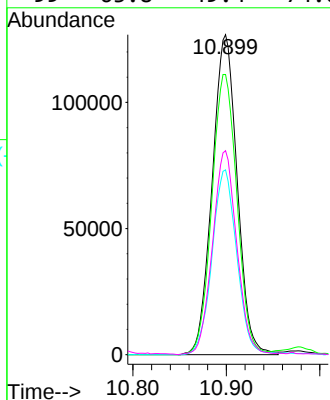
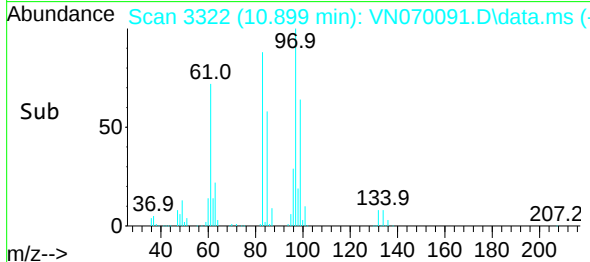
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



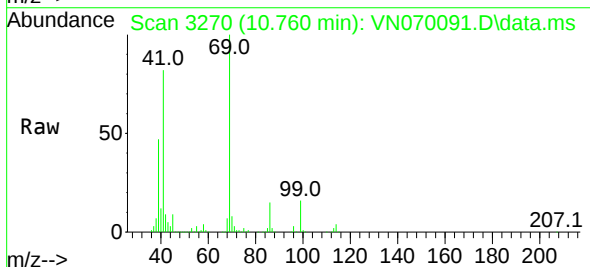
Tgt Ion: 97 Resp: 235439
Ion Ratio Lower Upper
97 100
83 87.5 67.8 101.6
85 57.7 45.4 68.2
99 63.8 49.4 74.0

Manual Integrations
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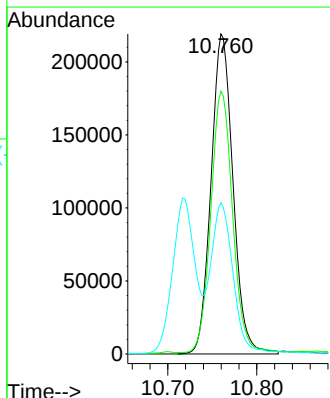
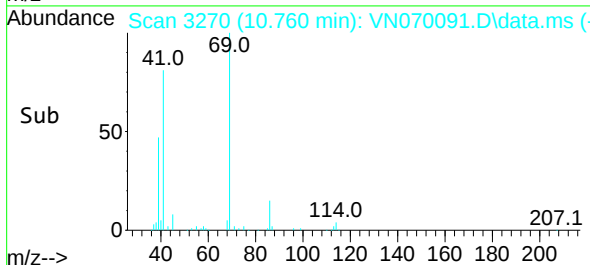
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#56
Ethyl methacrylate
Concen: 18.060 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.002 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21



Tgt Ion: 69 Resp: 376385
Ion Ratio Lower Upper
69 100
41 81.0 51.4 77.0#
39 45.8 34.6 52.0





#57

1,3-Dichloropropane

Concen: 19.659 ug/l

RT: 11.044 min Scan# 31

Delta R.T. -0.002 min

Lab File: VN070091.D

Acq: 15 Dec 2021 00:21

Instrument :

MSVOA_N

ClientSampleId :

VN1214MBS02

Tgt Ion: 76 Resp: 41761

Ion Ratio Lower Upper

76 100

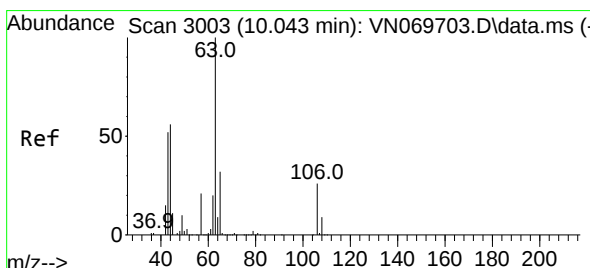
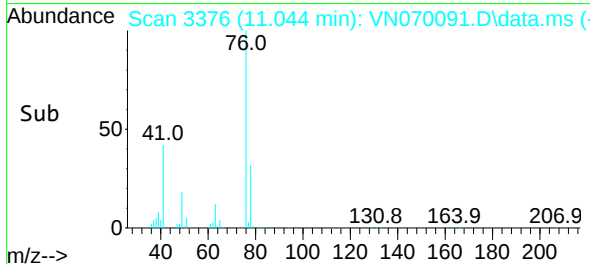
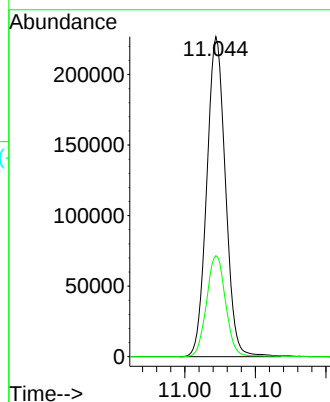
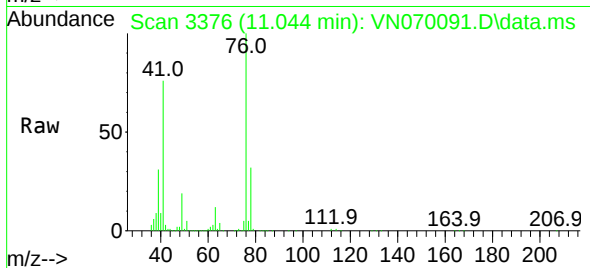
78 32.0 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/15/2021

Supervised By :Mahesh Dadoda 12/21/2021



#58

2-Chloroethyl Vinyl ether

Concen: 76.426 ug/l

RT: 10.041 min Scan# 3002

Delta R.T. -0.002 min

Lab File: VN070091.D

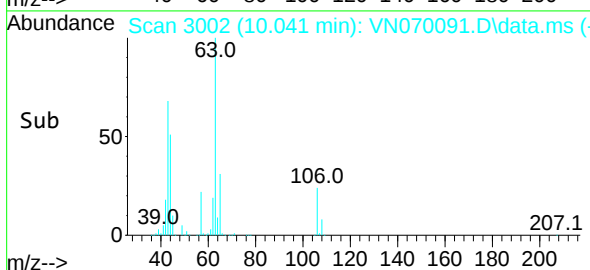
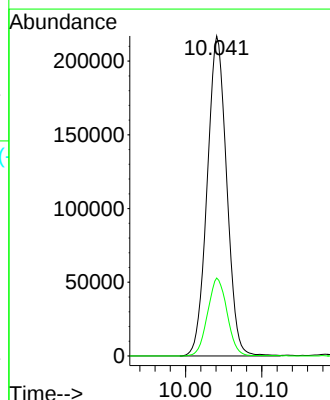
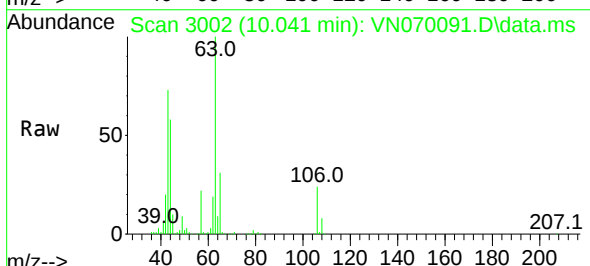
Acq: 15 Dec 2021 00:21

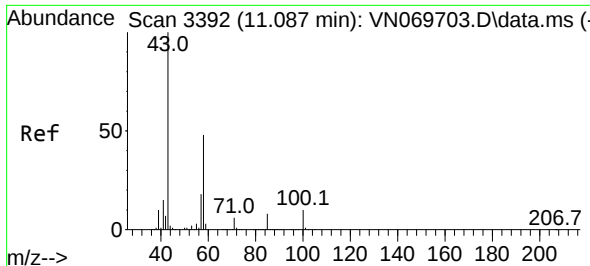
Tgt Ion: 63 Resp: 385094

Ion Ratio Lower Upper

63 100

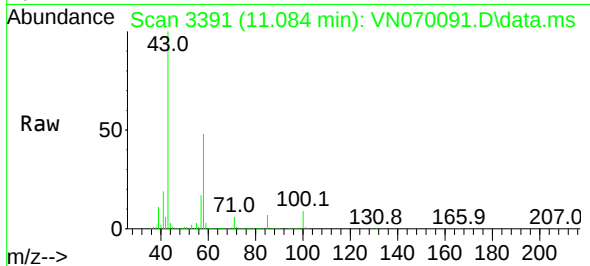
106 24.3 23.9 35.9





#59
2-Hexanone
Concen: 90.302 ug/l
RT: 11.084 min Scan# 3392
Delta R.T. -0.003 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

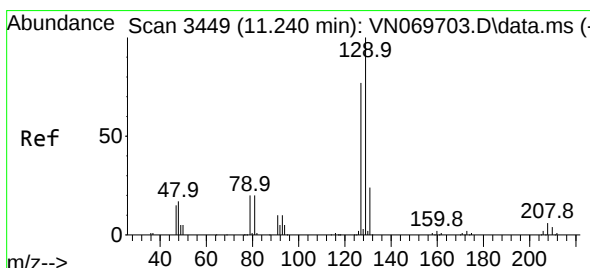
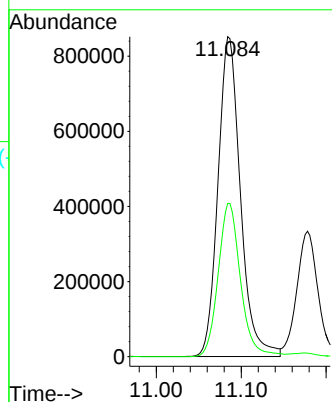
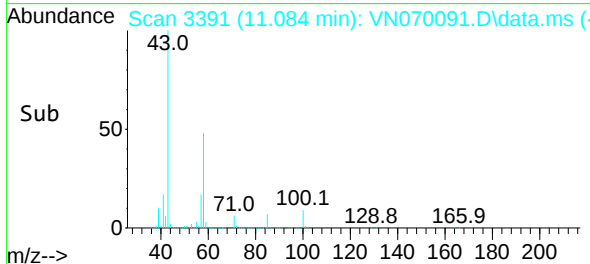
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



Tgt Ion: 43 Resp: 156394
Ion Ratio Lower Upper
43 100
58 47.7 26.9 80.7

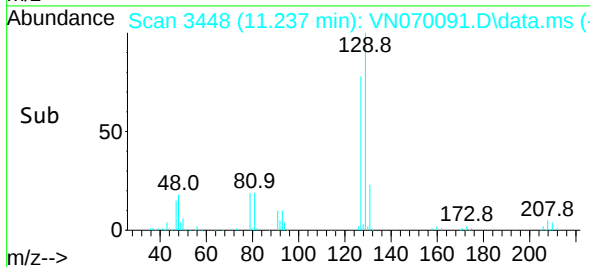
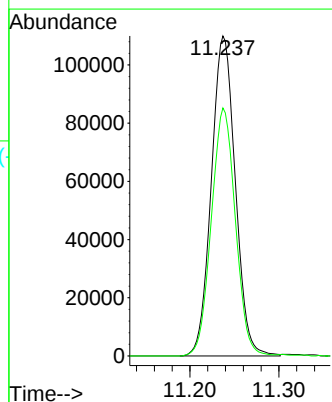
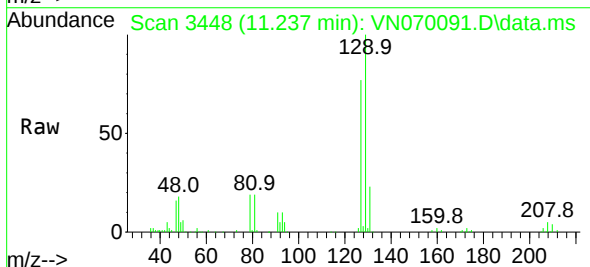
Manual Integrations
APPROVED

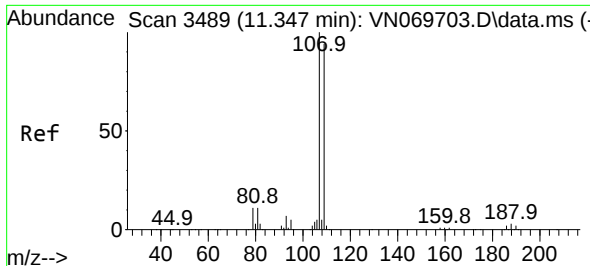
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#60
Dibromochloromethane
Concen: 17.527 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

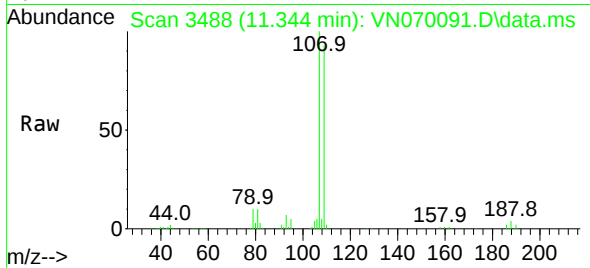
Tgt Ion:129 Resp: 205618
Ion Ratio Lower Upper
129 100
127 77.7 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.240 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. -0.003 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

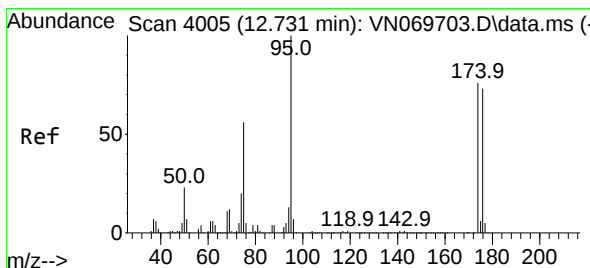
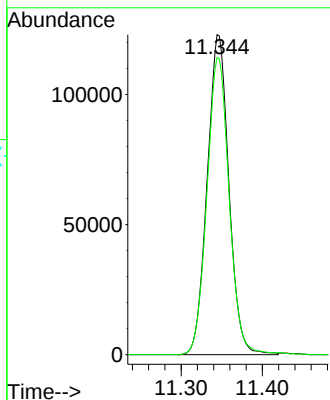
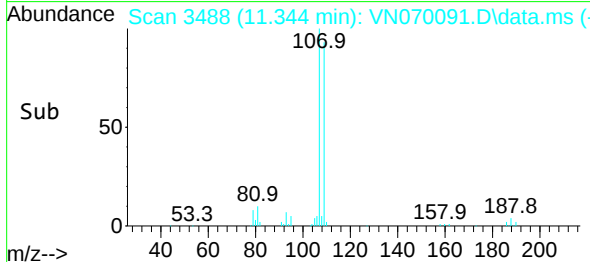
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



Tgt Ion:107 Resp: 227930
Ion Ratio Lower Upper
107 100
109 95.0 75.7 113.5

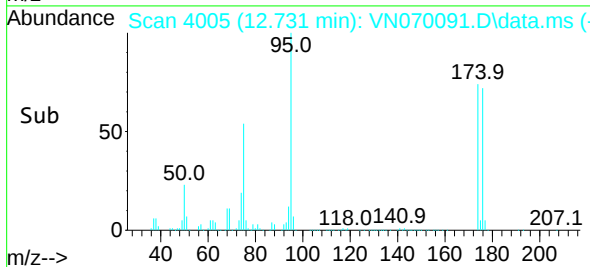
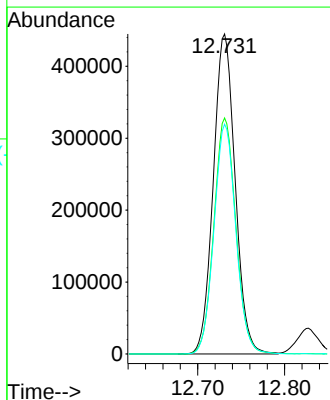
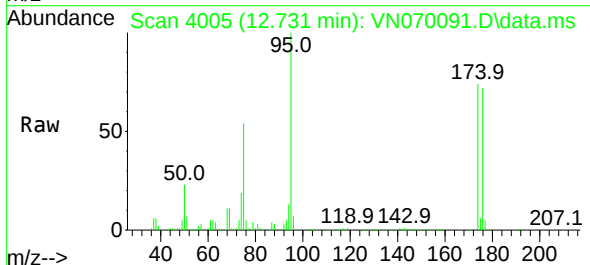
Manual Integrations
APPROVED

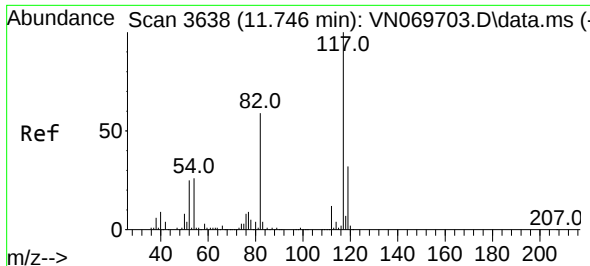
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#62
4-Bromofluorobenzene
Concen: 50.675 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

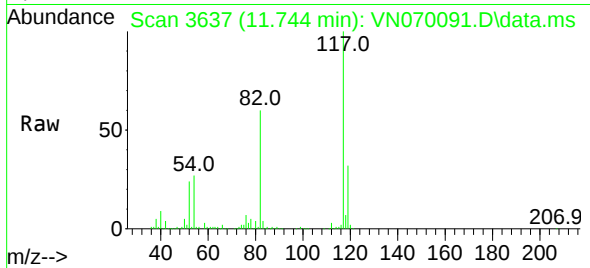
Tgt Ion: 95 Resp: 777169
Ion Ratio Lower Upper
95 100
174 74.3 0.0 187.2
176 72.0 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3638
Delta R.T. -0.002 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

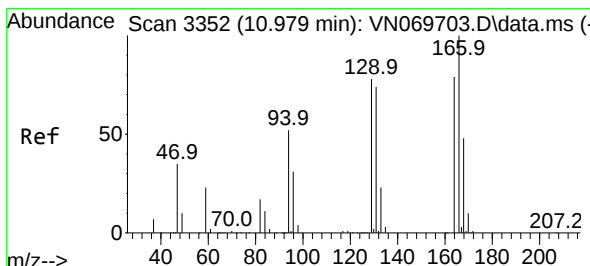
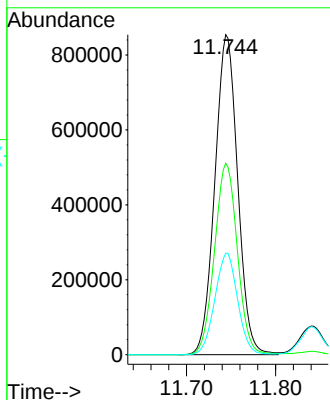
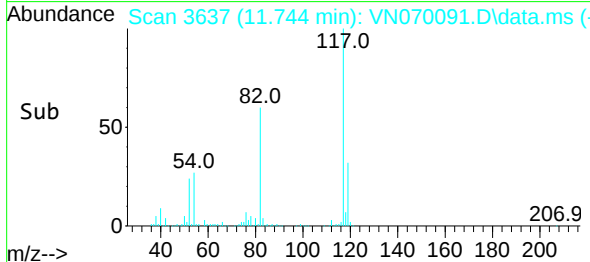
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



Tgt Ion:117 Resp: 152401
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 31.7 25.4 38.2

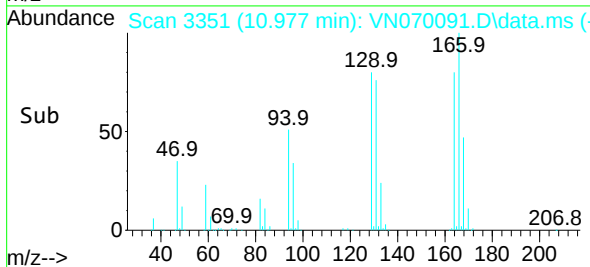
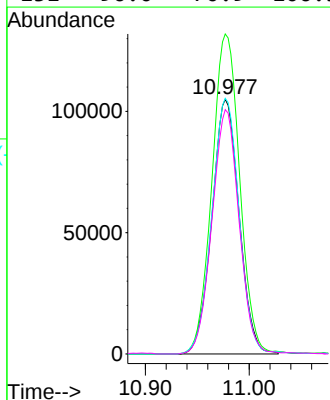
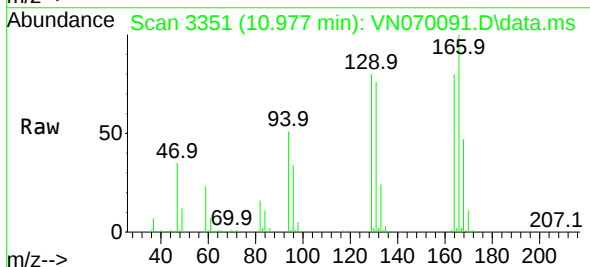
Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#64
Tetrachloroethene
Concen: 18.500 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

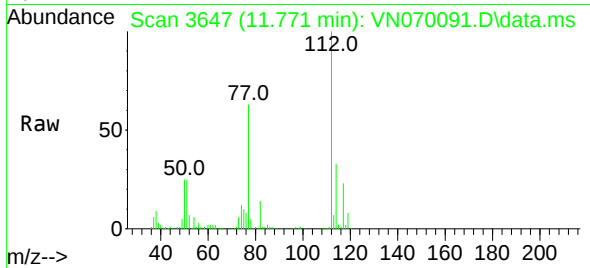
Tgt Ion:164 Resp: 191179
Ion Ratio Lower Upper
164 100
166 125.7 101.9 152.9
129 100.4 72.0 108.0
131 96.0 70.9 106.3





#65
Chlorobenzene
Concen: 19.393 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

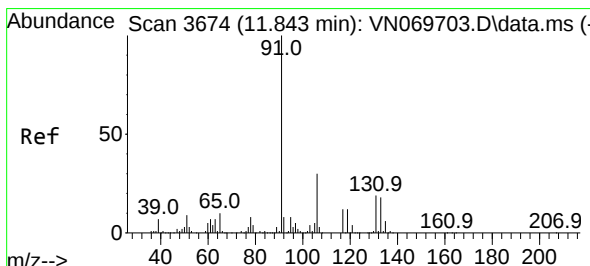
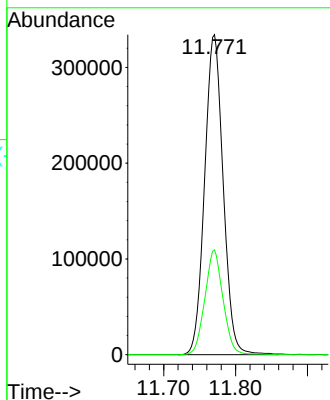
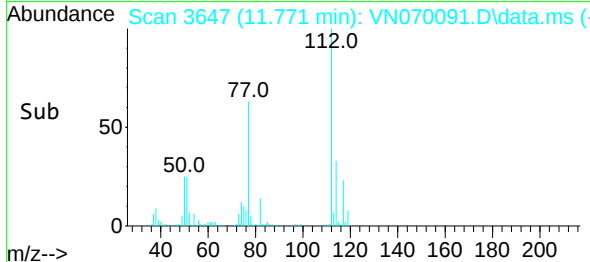
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



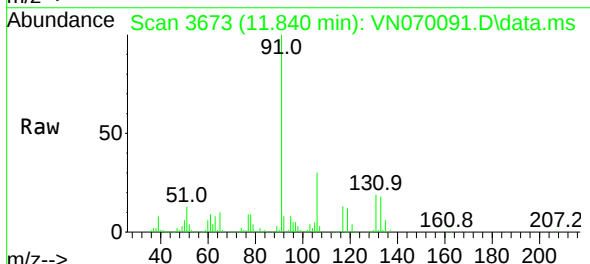
Tgt Ion:112 Resp: 599598
Ion Ratio Lower Upper
112 100
114 32.7 25.4 38.0

Manual Integrations
APPROVED

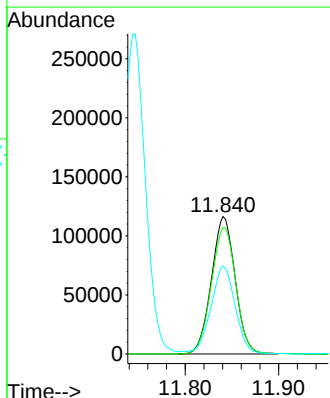
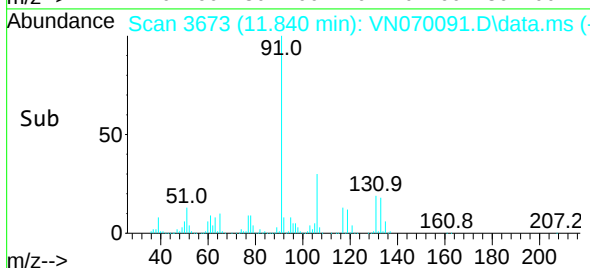
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

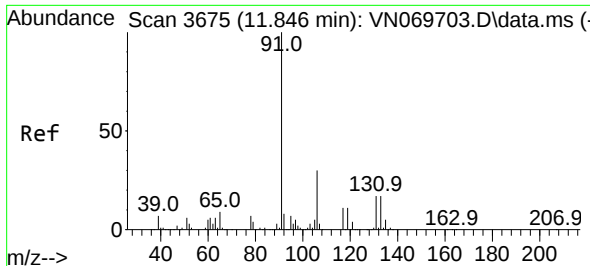


#66
1,1,1,2-Tetrachloroethane
Concen: 18.913 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21



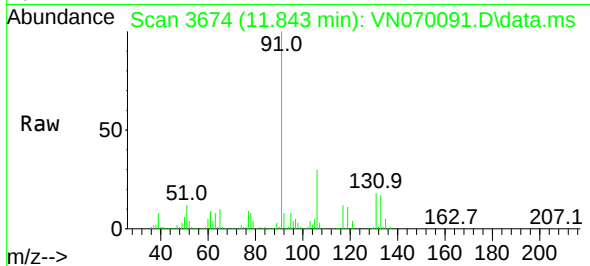
Tgt Ion:131 Resp: 205808
Ion Ratio Lower Upper
131 100
133 95.2 47.9 143.7
119 64.6 32.1 96.5





#67
Ethyl Benzene
Concen: 19.495 ug/l
RT: 11.843 min Scan# 3675
Delta R.T. -0.003 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

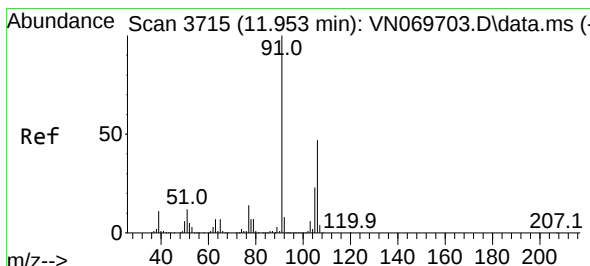
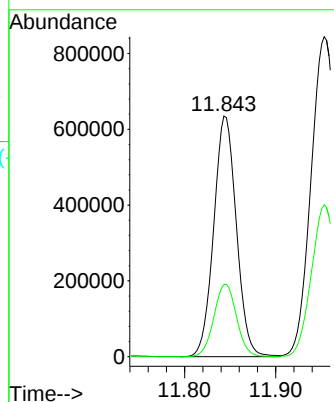
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



Tgt Ion: 91 Resp: 1094840
Ion Ratio Lower Upper
91 100
106 30.0 25.7 38.5

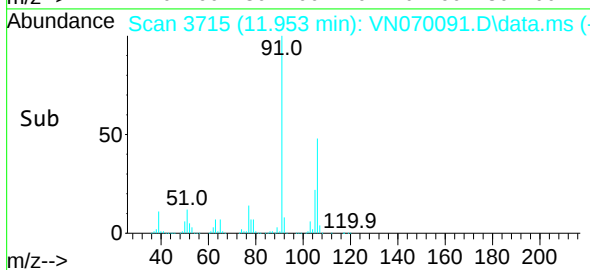
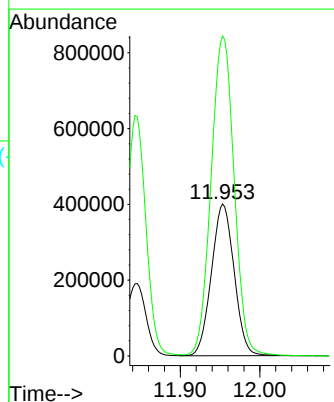
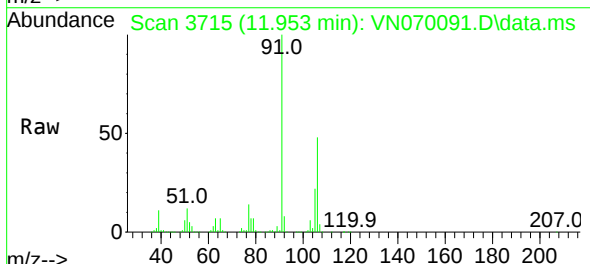
Manual Integrations
APPROVED

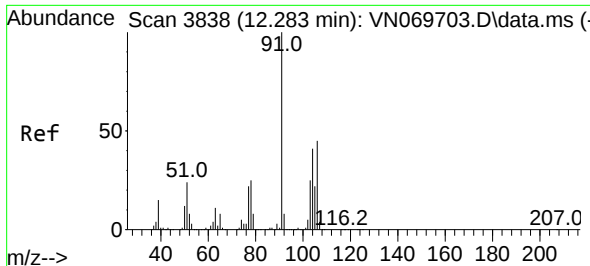
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#68
m/p-Xylenes
Concen: 38.813 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

Tgt Ion:106 Resp: 793688
Ion Ratio Lower Upper
106 100
91 215.1 160.6 240.8





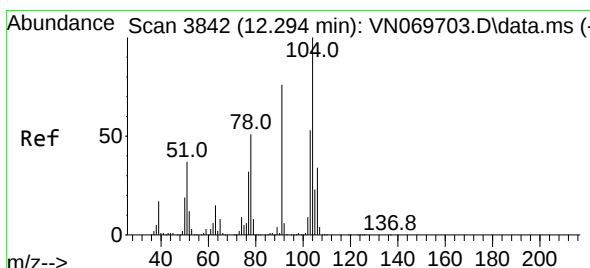
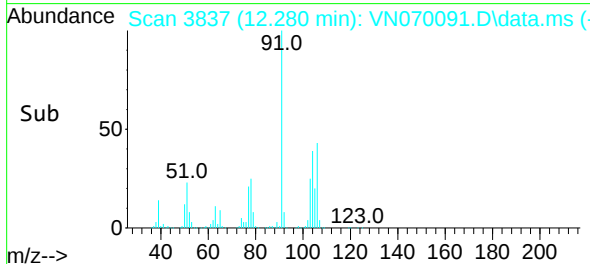
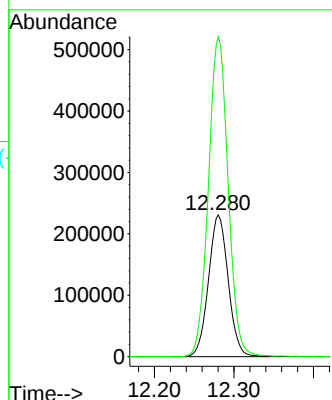
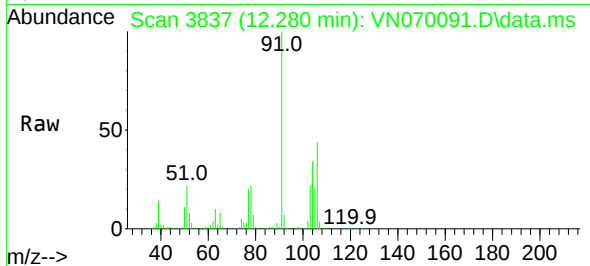
#69
o-Xylene
Concen: 19.317 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02

Tgt Ion:106 Resp: 397874
Ion Ratio Lower Upper
106 100
91 225.7 105.8 317.3

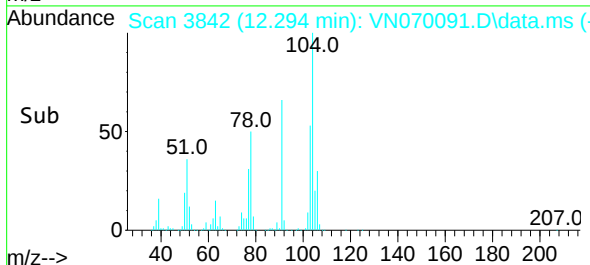
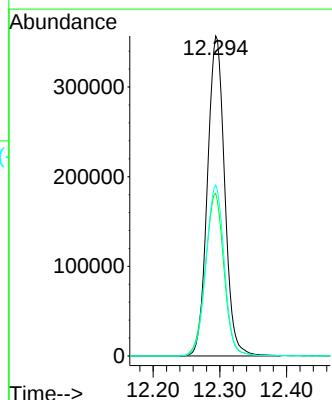
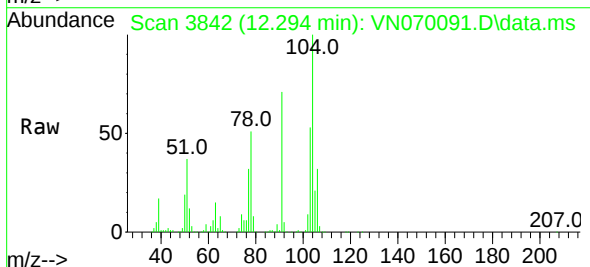
Manual Integrations
APPROVED

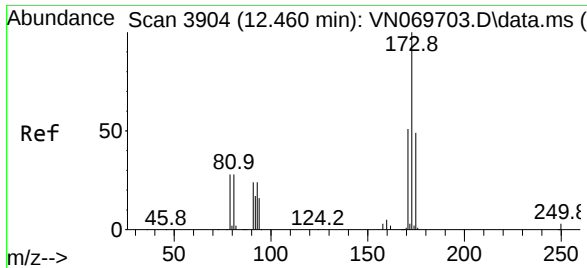
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#70
Styrene
Concen: 19.594 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

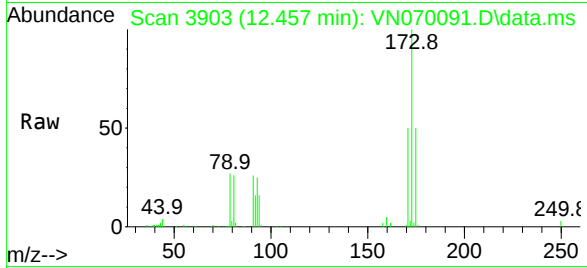
Tgt Ion:104 Resp: 639981
Ion Ratio Lower Upper
104 100
78 54.9 38.7 58.1
103 56.8 45.0 67.6





#71
Bromoform
Concen: 17.368 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

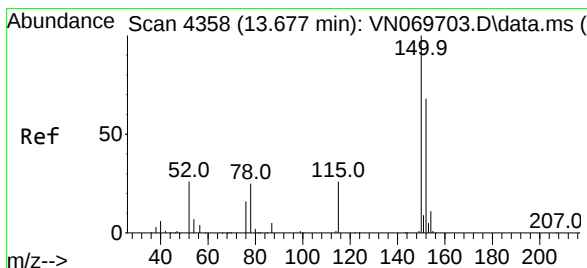
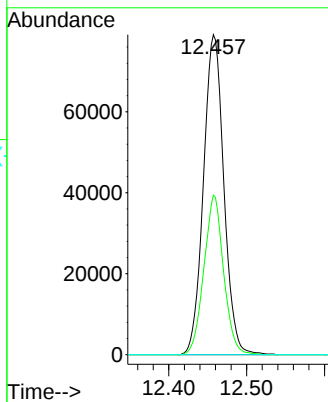
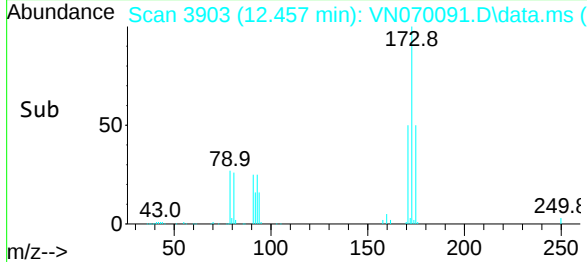
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



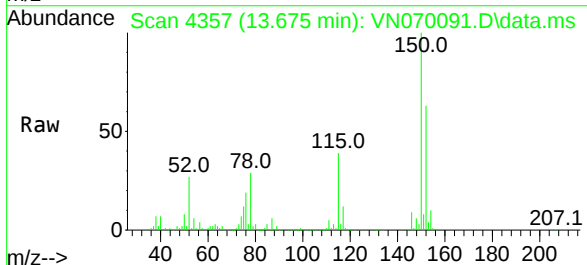
Tgt Ion:173 Resp: 144104
Ion Ratio Lower Upper
173 100
175 48.1 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
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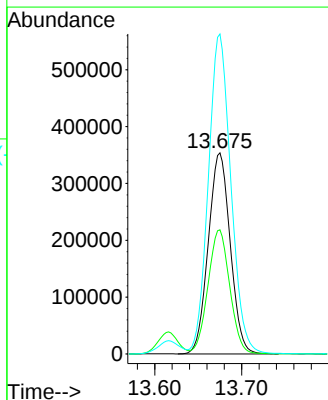
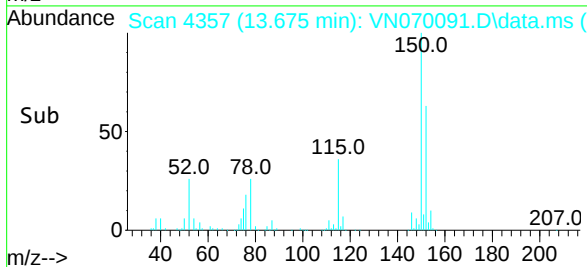
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

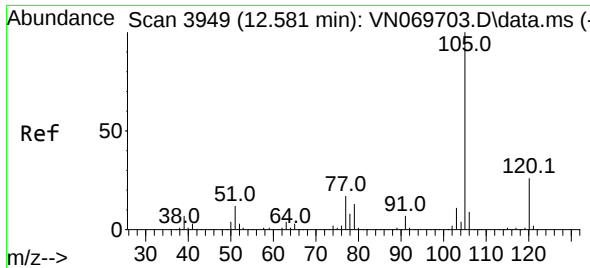


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21



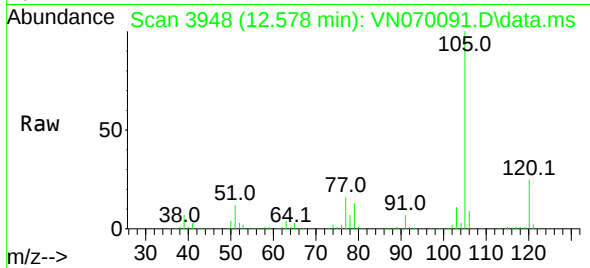
Tgt Ion:152 Resp: 621977
Ion Ratio Lower Upper
152 100
115 61.1 27.5 82.5
150 162.6 0.0 344.4





#73
Isopropylbenzene
Concen: 18.888 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

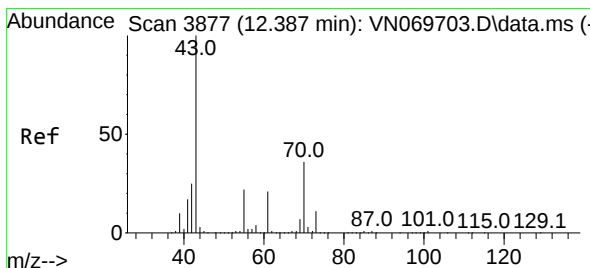
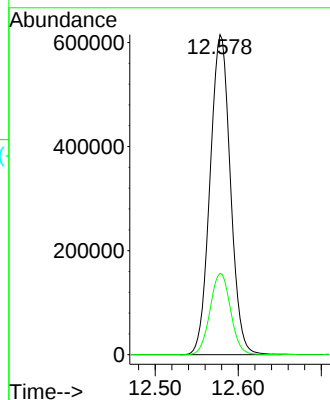
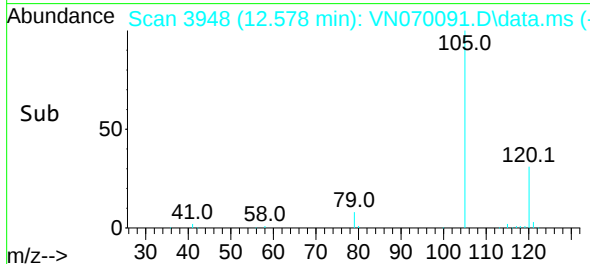
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



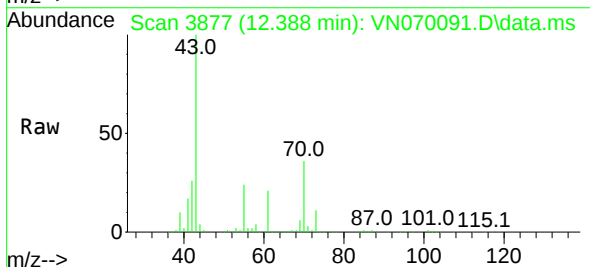
Tgt Ion:105 Resp: 104522
Ion Ratio Lower Upper
105 100
120 25.7 13.4 40.1

Manual Integrations
APPROVED

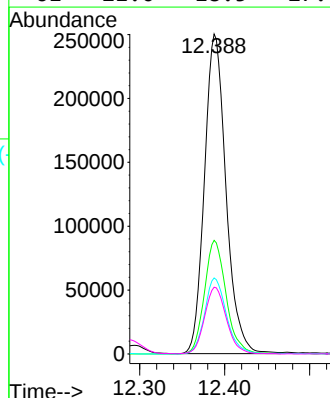
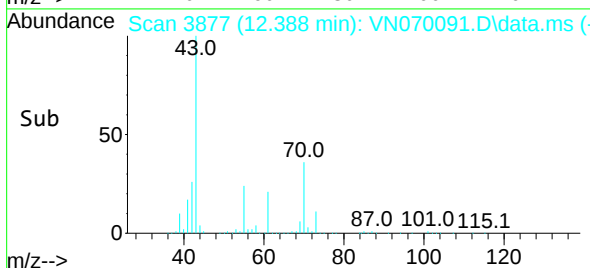
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

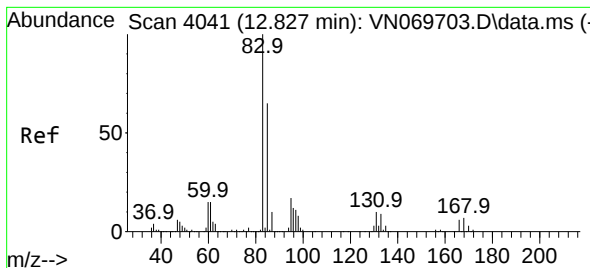


#74
N-ethyl acetate
Concen: 17.998 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21



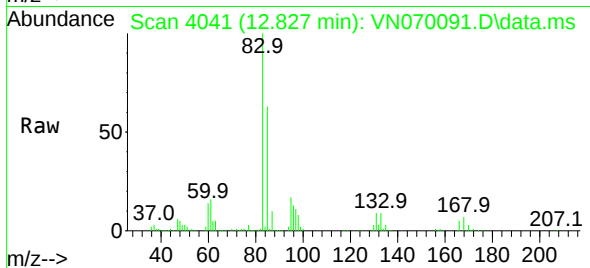
Tgt Ion: 43 Resp: 440463
Ion Ratio Lower Upper
43 100
70 35.8 33.4 50.0
55 24.1 19.3 28.9
61 21.0 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.376 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

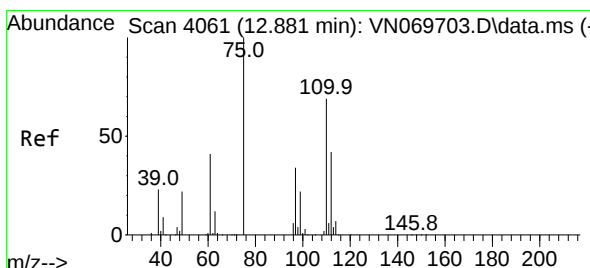
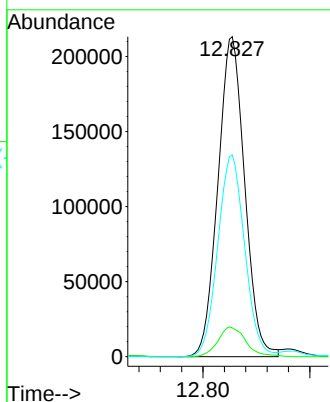
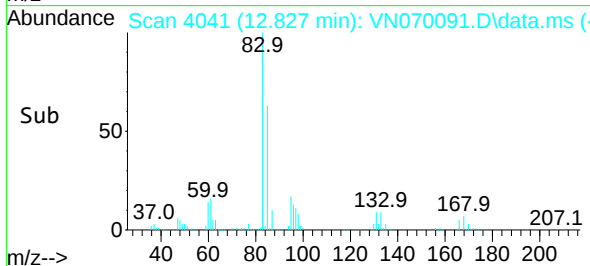
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



Tgt Ion: 83 Resp: 370778
Ion Ratio Lower Upper
83 100
131 9.7 5.5 16.5
85 63.4 32.4 97.2

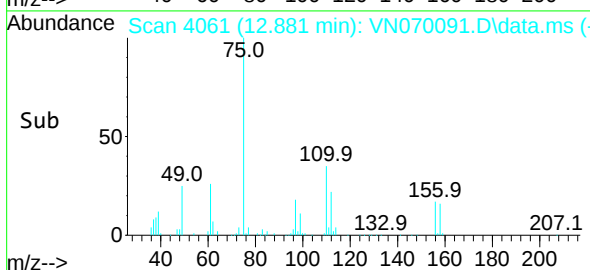
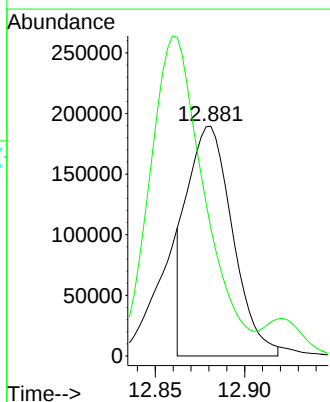
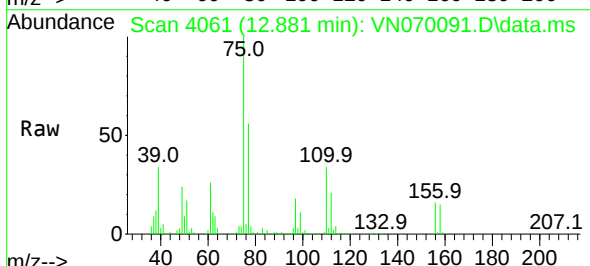
Manual Integrations
APPROVED

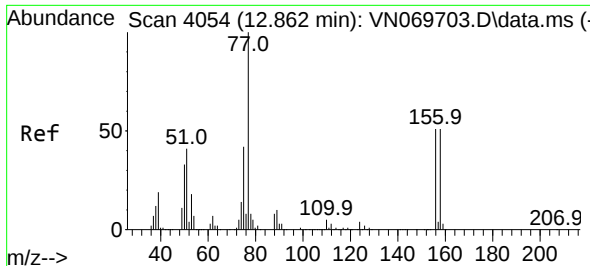
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#76
1,2,3-Trichloropropane
Concen: 18.631 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

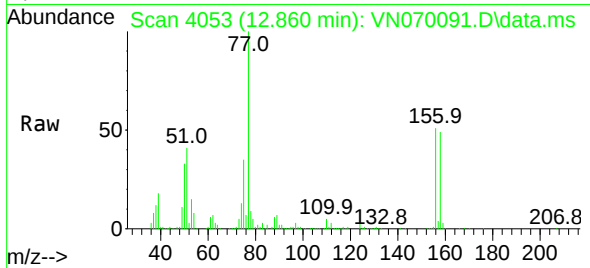
Tgt Ion: 75 Resp: 332323
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 18.507 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

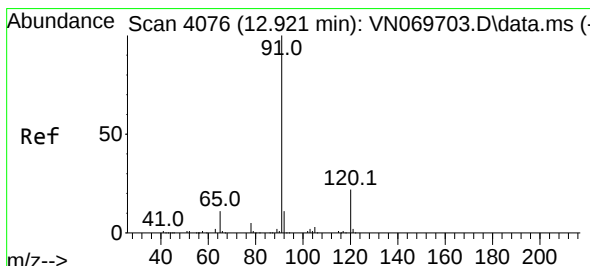
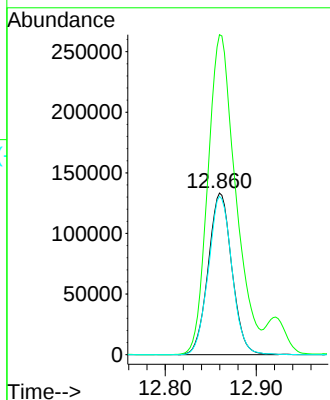
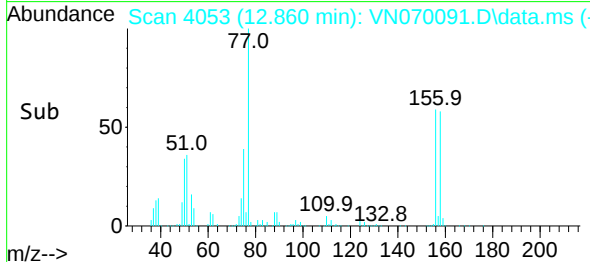
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



Tgt Ion:156 Resp: 240560
Ion Ratio Lower Upper
156 100
77 232.1 90.6 271.8
158 97.5 48.9 146.7

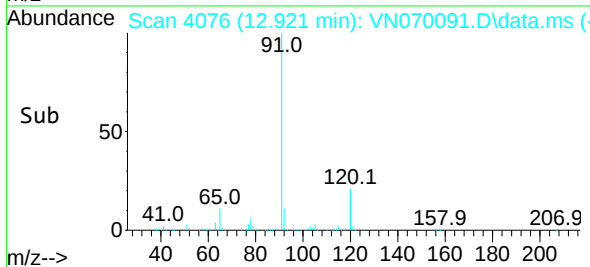
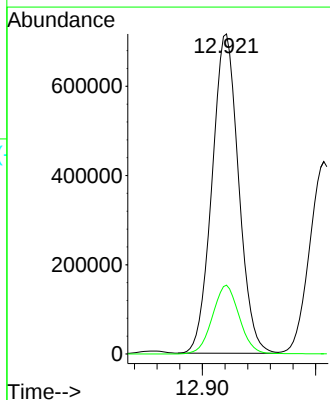
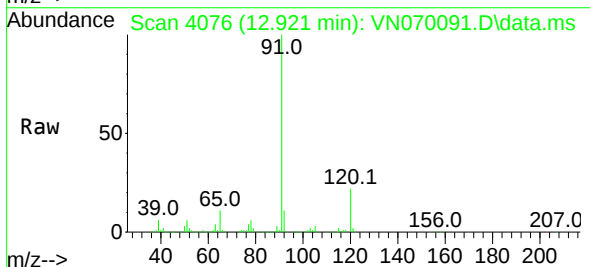
Manual Integrations
APPROVED

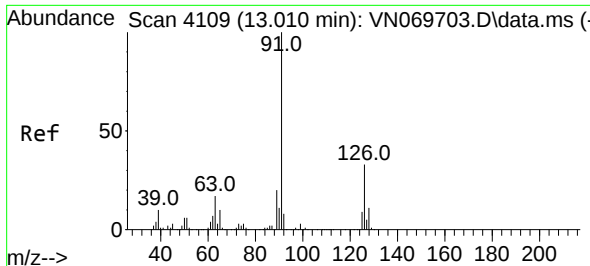
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#78
n-propylbenzene
Concen: 18.948 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

Tgt Ion: 91 Resp: 1166812
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





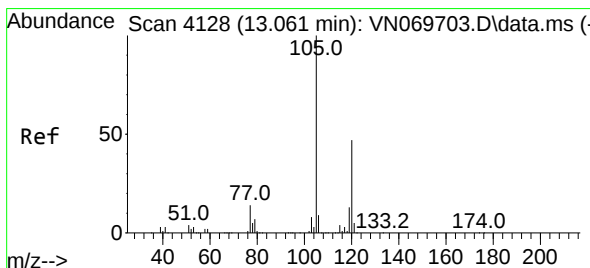
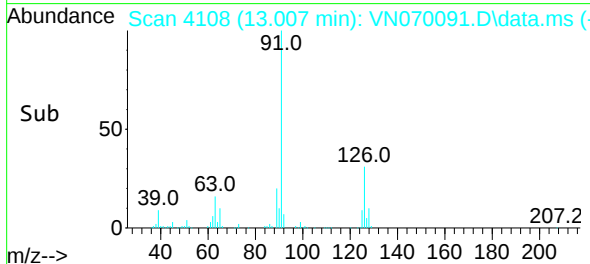
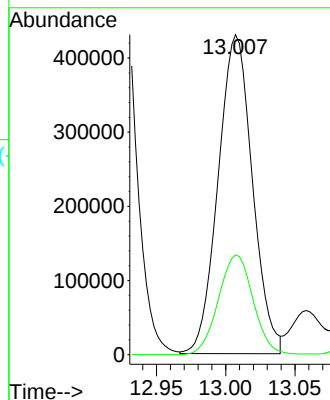
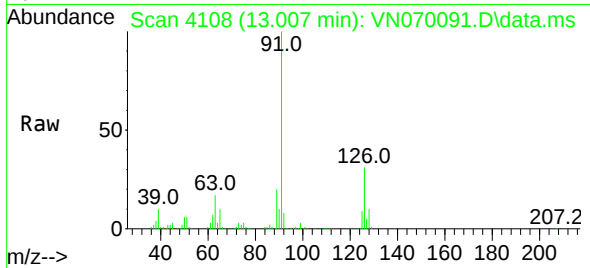
#79
2-Chlorotoluene
Concen: 19.020 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02

Tgt Ion: 91 Resp: 740088
Ion Ratio Lower Upper
91 100
126 31.8 18.3 54.8

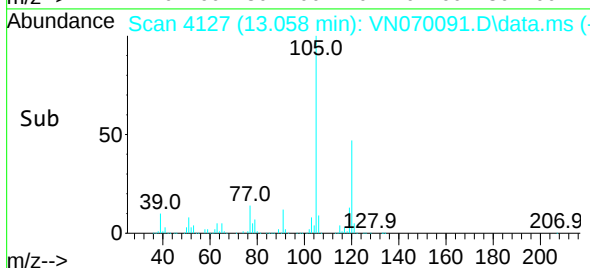
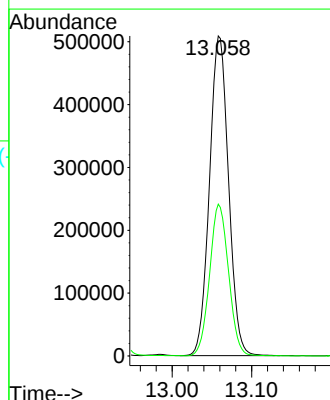
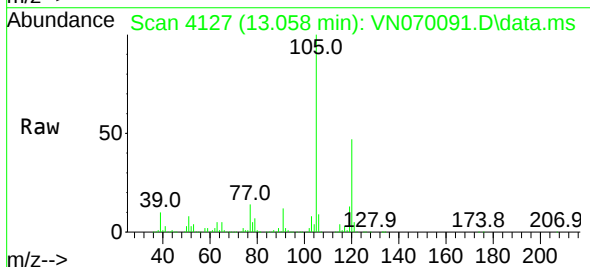
Manual Integrations
APPROVED

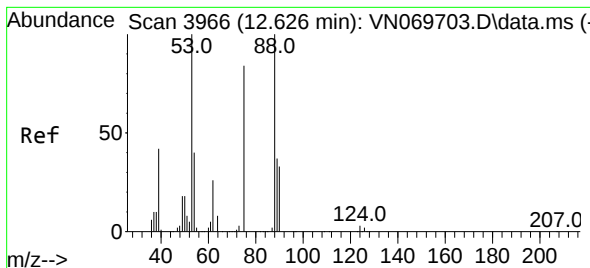
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#80
1,3,5-Trimethylbenzene
Concen: 19.037 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. -0.003 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

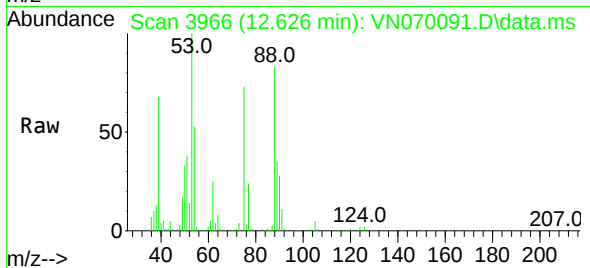
Tgt Ion:105 Resp: 847939
Ion Ratio Lower Upper
105 100
120 47.1 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 16.563 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

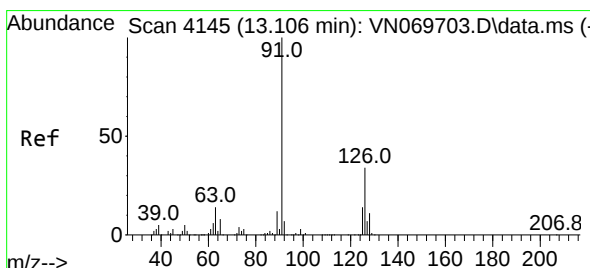
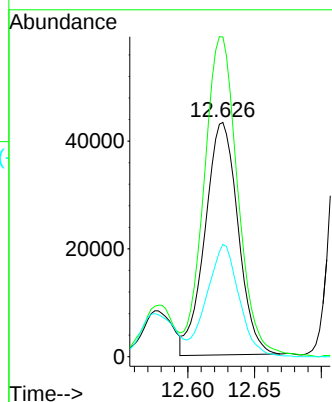
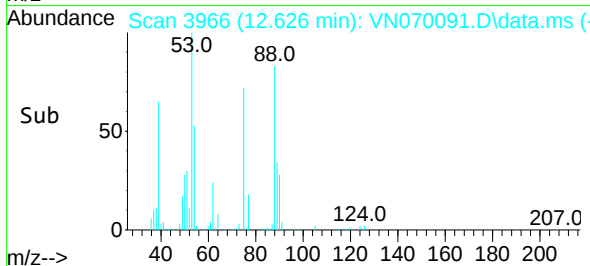
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



Tgt Ion: 75 Resp: 7416
Ion Ratio Lower Upper
75 100
53 141.2 90.5 135.7
89 47.2 38.2 57.4

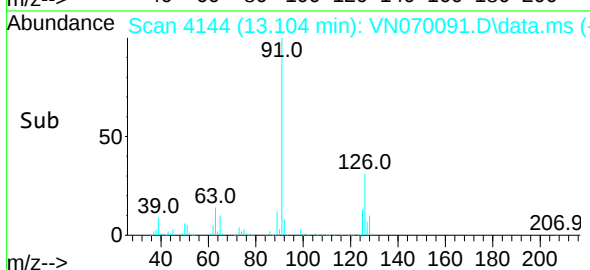
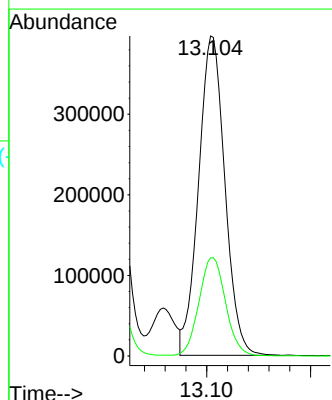
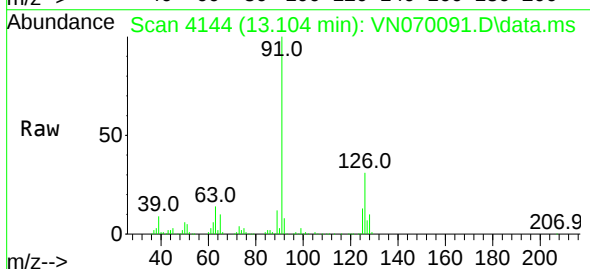
Manual Integrations
APPROVED

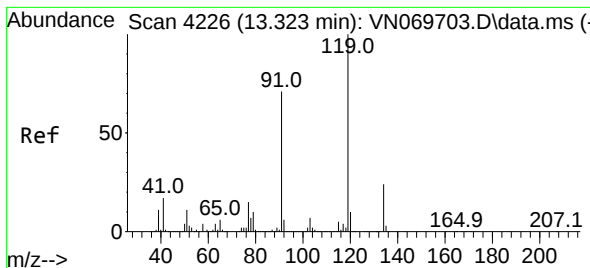
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#82
4-Chlorotoluene
Concen: 19.024 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.003 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

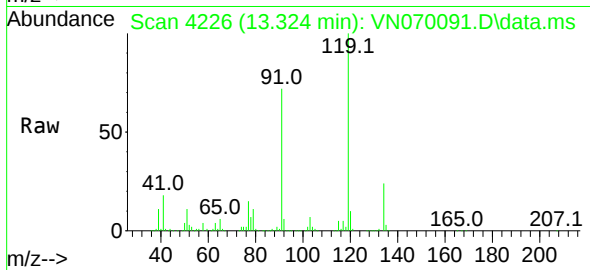
Tgt Ion: 91 Resp: 696120
Ion Ratio Lower Upper
91 100
126 31.2 18.2 54.6





#83
tert-Butylbenzene
Concen: 18.948 ug/l
RT: 13.324 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

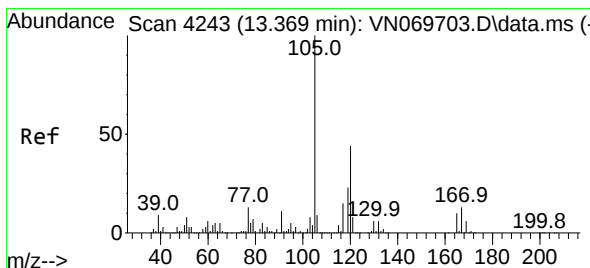
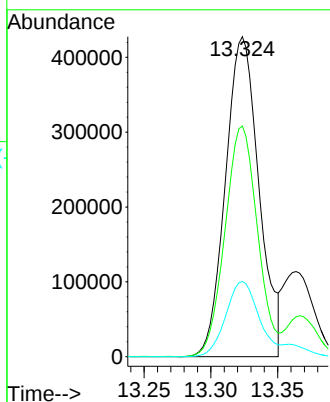
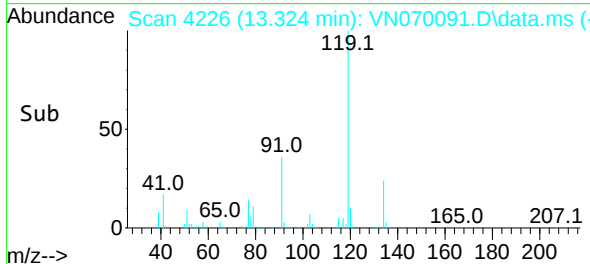
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



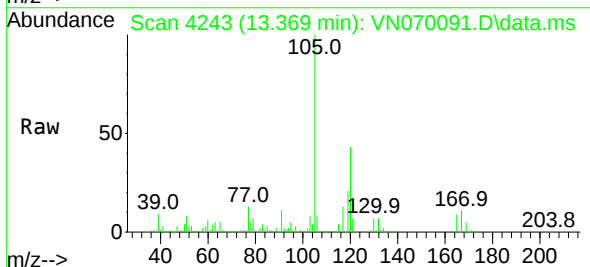
Tgt Ion:119 Resp: 747300
Ion Ratio Lower Upper
119 100
91 69.8 31.5 94.5
134 23.6 12.4 37.4

Manual Integrations
APPROVED

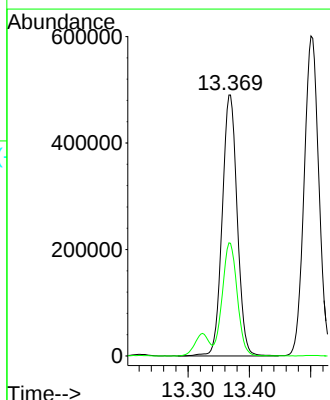
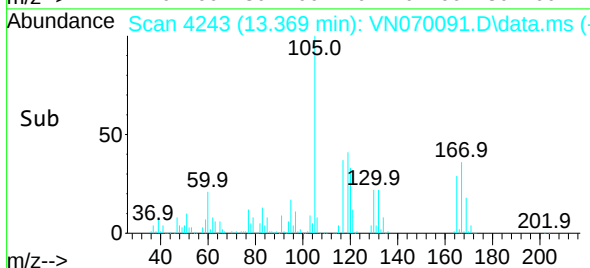
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

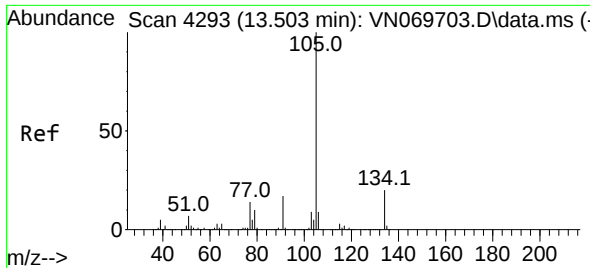


#84
1,2,4-Trimethylbenzene
Concen: 19.660 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21



Tgt Ion:105 Resp: 833937
Ion Ratio Lower Upper
105 100
120 43.0 22.8 68.4





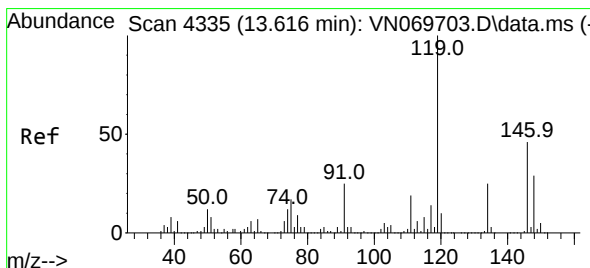
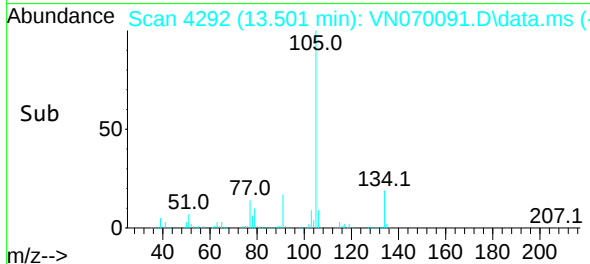
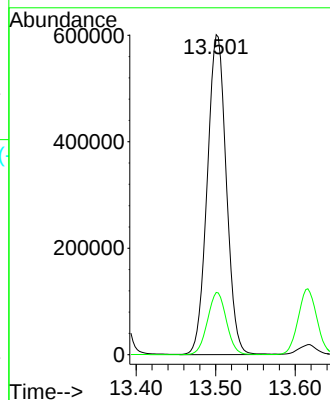
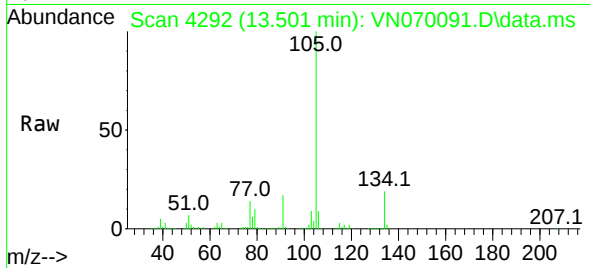
#85
 sec-Butylbenzene
 Concen: 18.713 ug/l
 RT: 13.501 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN070091.D
 Acq: 15 Dec 2021 00:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214MBS02

Tgt Ion:105 Resp: 1001080
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

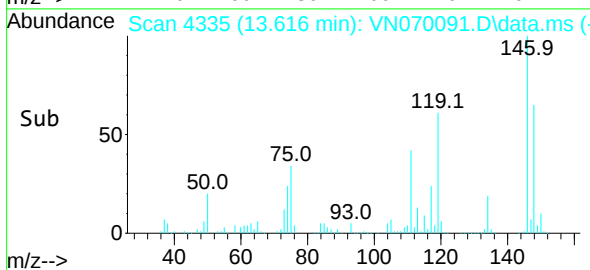
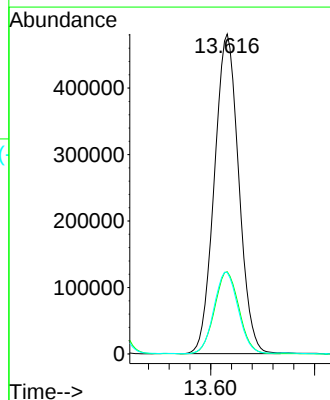
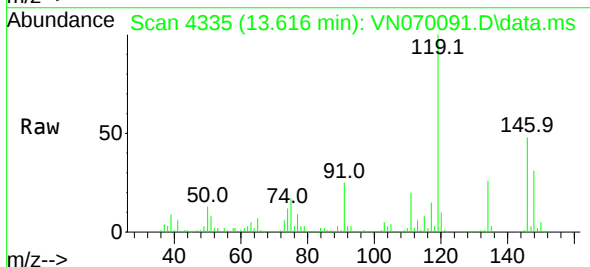
Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/15/2021
 Supervised By :Mahesh Dadoda 12/21/2021



#86
 p-Isopropyltoluene
 Concen: 18.752 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN070091.D
 Acq: 15 Dec 2021 00:21

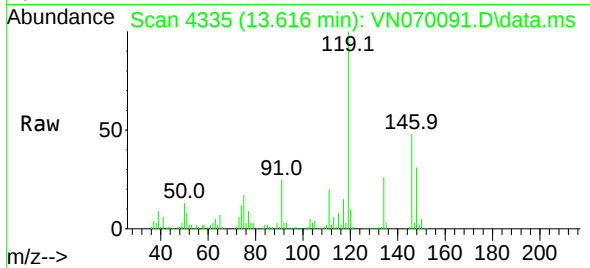
Tgt Ion:119 Resp: 784144
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.6 40.7
 91 25.5 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 18.713 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

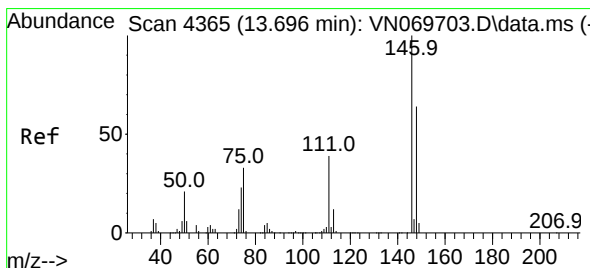
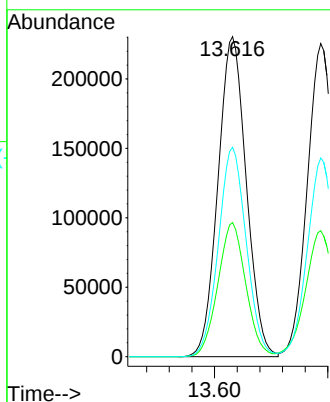
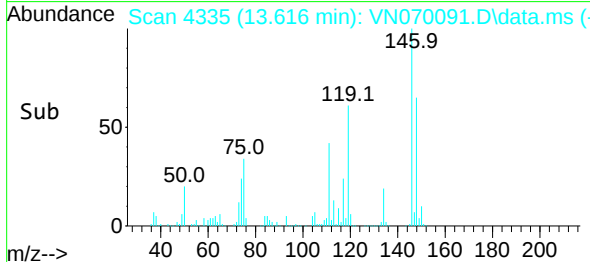
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



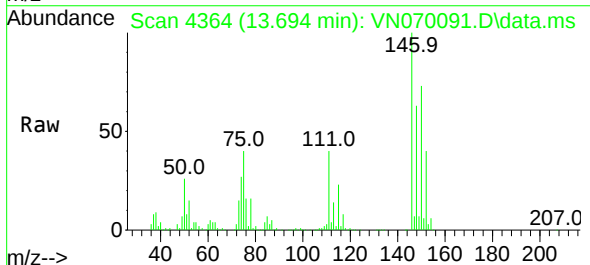
Tgt Ion:146 Resp: 399598
Ion Ratio Lower Upper
146 100
111 41.3 18.6 55.6
148 64.7 31.6 95.0

Manual Integrations
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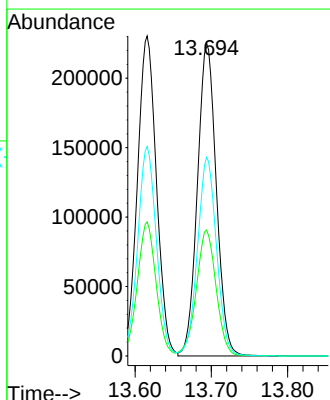
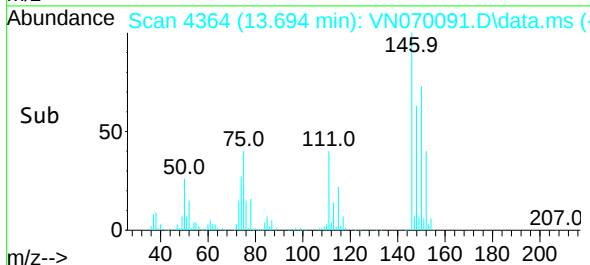
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

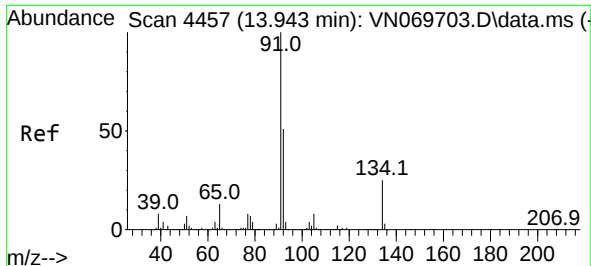


#88
1,4-Dichlorobenzene
Concen: 18.493 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. -0.003 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21



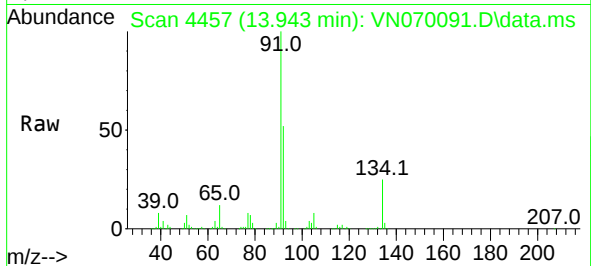
Tgt Ion:146 Resp: 388082
Ion Ratio Lower Upper
146 100
111 41.9 18.3 54.8
148 63.9 31.8 95.4





#89
n-Butylbenzene
Concen: 17.714 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

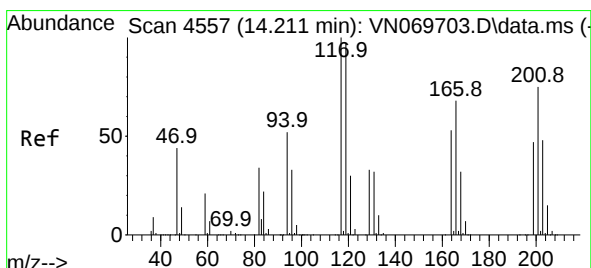
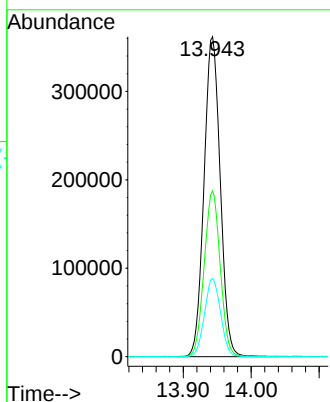
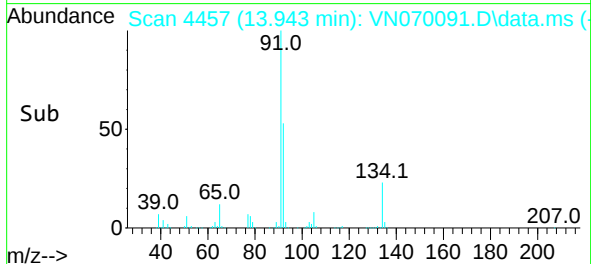
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



Tgt Ion: 91 Resp: 600854
Ion Ratio Lower Upper
91 100
92 51.3 25.4 76.0
134 24.2 13.6 40.8

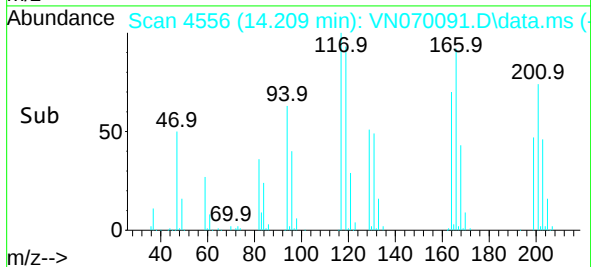
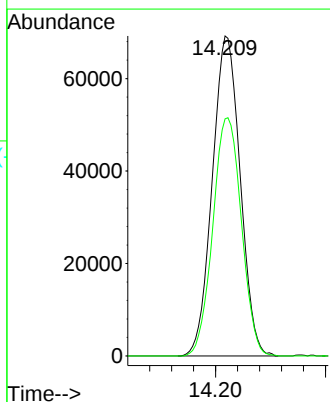
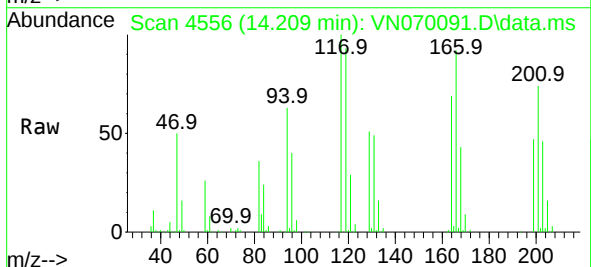
Manual Integrations
APPROVED

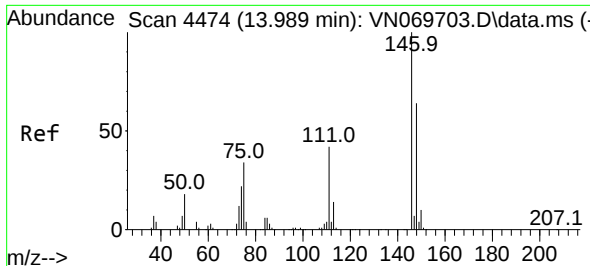
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#90
Hexachloroethane
Concen: 16.596 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.003 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

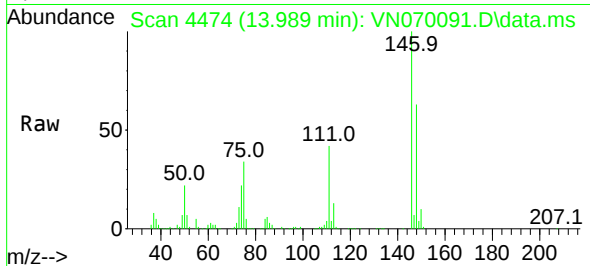
Tgt Ion:117 Resp: 121844
Ion Ratio Lower Upper
117 100
201 76.2 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 19.183 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

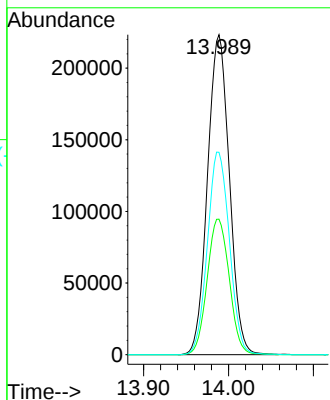
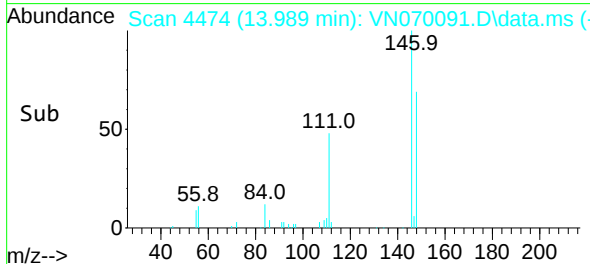
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



Tgt Ion:146 Resp: 39913
Ion Ratio Lower Upper
146 100
111 42.9 19.1 57.3
148 63.8 32.1 96.3

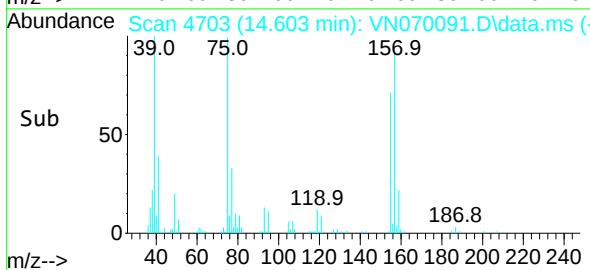
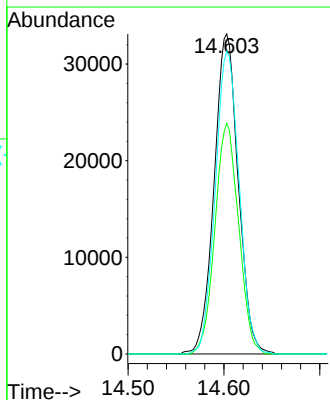
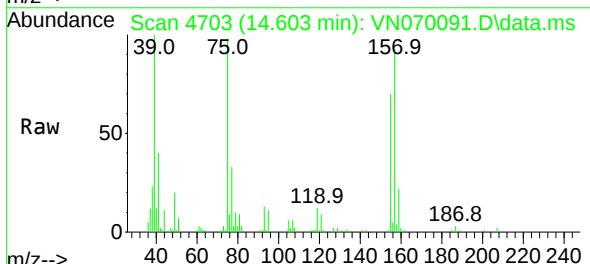
Manual Integrations
APPROVED

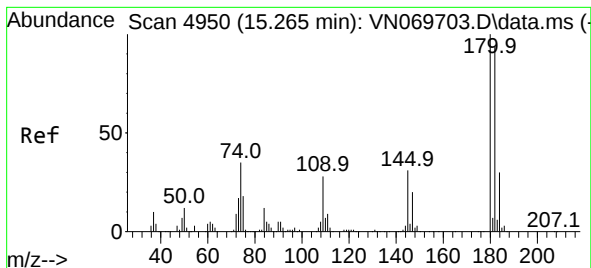
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.741 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

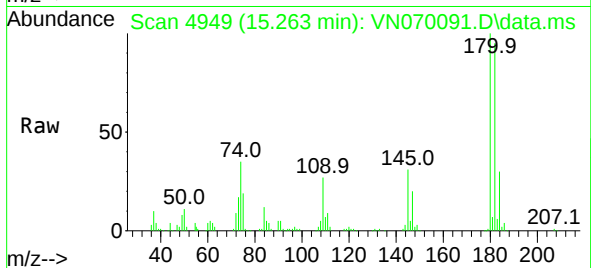
Tgt Ion: 75 Resp: 57888
Ion Ratio Lower Upper
75 100
155 70.7 46.9 140.7
157 93.5 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 17.651 ug/l
RT: 15.263 min Scan# 4950
Delta R.T. -0.002 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

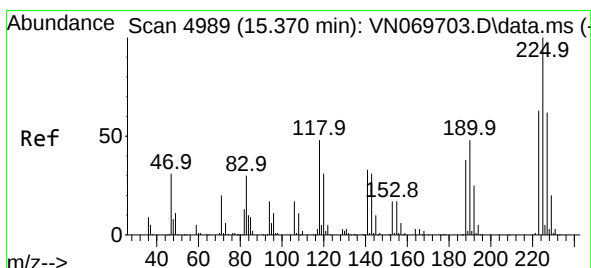
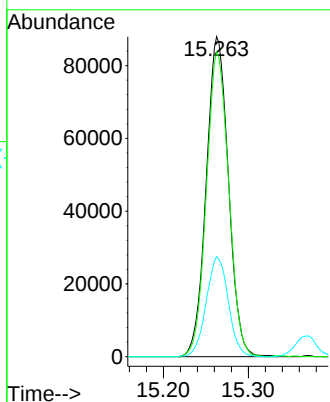
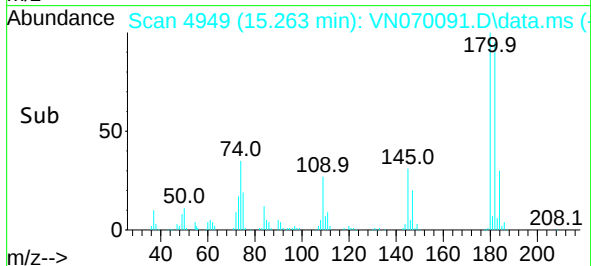
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



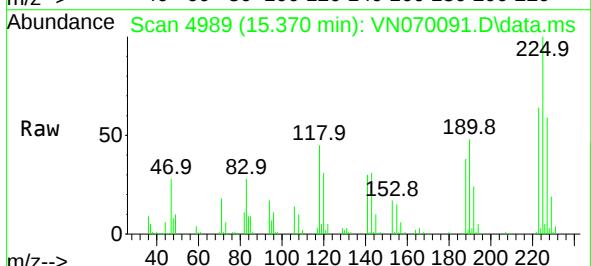
Tgt Ion:180 Resp: 15995
Ion Ratio Lower Upper
180 100
182 95.4 48.3 144.9
145 31.0 14.5 43.5

Manual Integrations
APPROVED

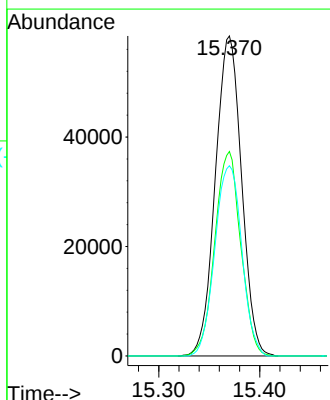
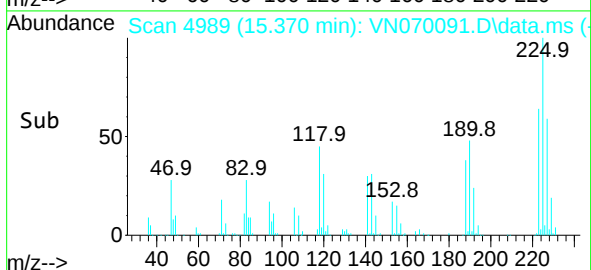
Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021

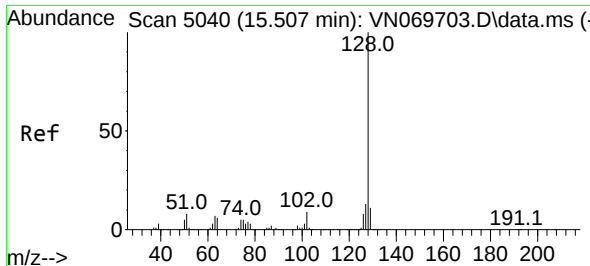


#94
Hexachlorobutadiene
Concen: 19.086 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21



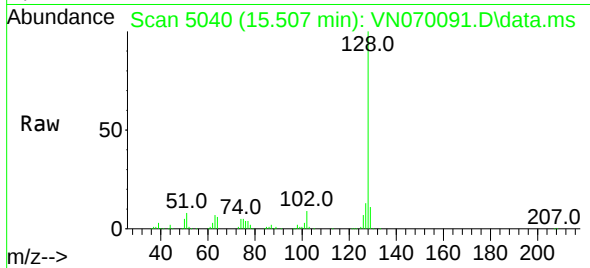
Tgt Ion:225 Resp: 105240
Ion Ratio Lower Upper
225 100
223 63.2 31.9 95.7
227 61.1 32.1 96.3





#95
Naphthalene
Concen: 16.749 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

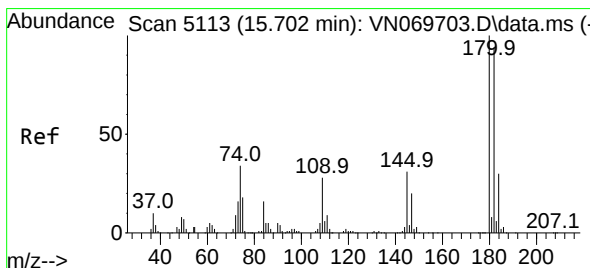
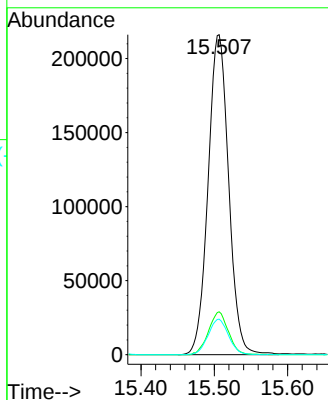
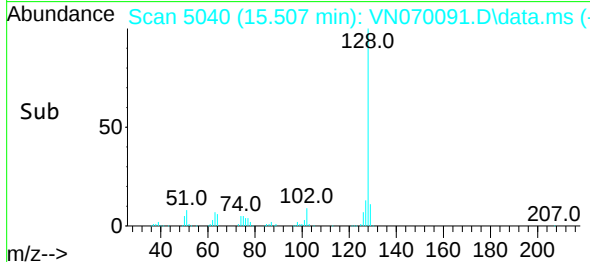
Instrument :
MSVOA_N
ClientSampleId :
VN1214MBS02



Tgt Ion:128 Resp: 421574
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/15/2021
Supervised By :Mahesh Dadoda 12/21/2021



#96
1,2,3-Trichlorobenzene
Concen: 17.677 ug/l
RT: 15.700 min Scan# 5112
Delta R.T. -0.002 min
Lab File: VN070091.D
Acq: 15 Dec 2021 00:21

Tgt Ion:180 Resp: 159345
Ion Ratio Lower Upper
180 100
182 95.0 47.4 142.2
145 33.6 15.0 45.1

