

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011922\
 Data File : VN070693.D
 Acq On : 19 Jan 2022 12:19
 Operator : JC/MD
 Sample : VN0119WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119WBS01

Manual Integrations
 APPROVED

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

Quant Time: Jan 20 03:35:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	770749	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1245317	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1138099	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	464683	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	577595	52.290	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.580%			
35) Dibromofluoromethane	8.019	113	412680	53.423	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.840%			
50) Toluene-d8	10.440	98	1727391	53.081	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 106.160%			
62) 4-Bromofluorobenzene	12.728	95	609908	52.595	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.200%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.073	85	172811	19.403	ug/l	98
3) Chloromethane	2.306	50	236380	18.157	ug/l	97
4) Vinyl Chloride	2.451	62	240987	19.463	ug/l	99
5) Bromomethane	2.867	94	144341	22.382	ug/l	96
6) Chloroethane	3.027	64	148960	19.278	ug/l	98
7) Trichlorofluoromethane	3.384	101	288873	20.422	ug/l	97
8) Diethyl Ether	3.827	74	114441	18.521	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.216	101	160321	18.753	ug/l	96
10) Methyl Iodide	4.425	142	208610	18.923	ug/l	100
11) Tert butyl alcohol	5.371	59	170719	85.666	ug/l	99
12) 1,1-Dichloroethene	4.186	96	153193	17.966	ug/l	92
13) Acrolein	4.041	56	275901	96.532	ug/l	100
14) Allyl chloride	4.843	41	357560	19.246	ug/l	85
15) Acrylonitrile	5.554	53	581642	91.746	ug/l	99
16) Acetone	4.288	43	670715	87.483	ug/l	99
17) Carbon Disulfide	4.532	76	434304	18.754	ug/l	100
18) Methyl Acetate	4.857	43	265774	17.627	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	596865	19.595	ug/l	95
20) Methylene Chloride	5.101	84	189508	18.765	ug/l	88
21) trans-1,2-Dichloroethene	5.597	96	167974	19.574	ug/l	89
22) Diisopropyl ether	6.495	45	736345	19.996	ug/l	93
23) Vinyl Acetate	6.434	43	3050375	97.721	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	360341	19.563	ug/l	97
25) 2-Butanone	7.332	43	868424	90.016	ug/l	90
26) 2,2-Dichloropropane	7.324	77	274897	19.465	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	193614	18.992	ug/l	84
28) Bromochloromethane	7.657	49	147610	17.849	ug/l #	75
29) Tetrahydrofuran	7.686	42	547620	92.704	ug/l #	87
30) Chloroform	7.817	83	346297	18.938	ug/l	99
31) Cyclohexane	8.094	56	374724	19.265	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	283322	19.816	ug/l	98
36) 1,1-Dichloropropene	8.222	75	264587	20.346	ug/l	95
37) Ethyl Acetate	7.410	43	331491	19.200	ug/l	96
38) Carbon Tetrachloride	8.206	117	235914	20.392	ug/l	99
39) Methylcyclohexane	9.459	83	323455	20.147	ug/l	88
40) Benzene	8.458	78	799662	19.845	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	161290	18.363	ug/l	88
42) 1,2-Dichloroethane	8.528	62	280475	20.074	ug/l	100
43) Isopropyl Acetate	8.558	43	501344	19.012	ug/l #	95
44) Trichloroethene	9.215	130	180137	19.720	ug/l	91
45) 1,2-Dichloropropane	9.488	63	218551	19.935	ug/l	99
46) Dibromomethane	9.577	93	125733	19.724	ug/l	94
47) Bromodichloromethane	9.759	83	254765	19.551	ug/l	97
48) Methyl methacrylate	9.558	41	246115	19.591	ug/l #	77
49) 1,4-Dioxane	9.566	88	68809	364.636	ug/l #	83
51) 4-Methyl-2-Pentanone	10.328	43	1593405	94.694	ug/l	98
52) Toluene	10.505	92	486126	20.168	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	276652	19.069	ug/l	100
54) cis-1,3-Dichloropropene	10.188	75	308341	19.731	ug/l	97
55) 1,1,2-Trichloroethane	10.896	97	185203	19.559	ug/l	97
56) Ethyl methacrylate	10.760	69	303040	18.355	ug/l	90
57) 1,3-Dichloropropane	11.041	76	332836	19.856	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	300119	81.350	ug/l #	89
59) 2-Hexanone	11.084	43	1132346	92.633	ug/l	97
60) Dibromochloromethane	11.234	129	176601	19.995	ug/l	100
61) 1,2-Dibromoethane	11.344	107	183969	19.351	ug/l	99
64) Tetrachloroethene	10.977	164	167873	20.118	ug/l	96
65) Chlorobenzene	11.768	112	487496	19.770	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.838	131	172412	20.305	ug/l	98
67) Ethyl Benzene	11.843	91	924213	20.216	ug/l	96
68) m/p-Xylenes	11.950	106	678533	40.799	ug/l	91
69) o-Xylene	12.278	106	332112	20.122	ug/l	90
70) Styrene	12.291	104	533133	20.192	ug/l	96
71) Bromoform	12.455	173	124845	19.464	ug/l #	100
73) Isopropylbenzene	12.575	105	874946	19.903	ug/l	97
74) N-amyl acetate	12.388	43	322256	17.929	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	290315	19.554	ug/l	96
76) 1,2,3-Trichloropropane	12.878	75	242802m	19.701	ug/l	
77) Bromobenzene	12.860	156	192907	19.572	ug/l	75
78) n-propylbenzene	12.919	91	989567	20.128	ug/l	96
79) 2-Chlorotoluene	13.004	91	620440	19.950	ug/l	91
80) 1,3,5-Trimethylbenzene	13.058	105	726887	20.447	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.624	75	73270	17.711	ug/l	97
82) 4-Chlorotoluene	13.104	91	585019	20.133	ug/l	91
83) tert-Butylbenzene	13.321	119	609964	19.710	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	699171	20.460	ug/l	96
85) sec-Butylbenzene	13.501	105	853361	20.284	ug/l	97
86) p-Isopropyltoluene	13.613	119	674915	20.421	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	329403	20.090	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	315619	19.343	ug/l	96
89) n-Butylbenzene	13.940	91	521620	19.132	ug/l	97
90) Hexachloroethane	14.209	117	110066	19.052	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	316252	19.522	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	45514	18.072	ug/l	77
93) 1,2,4-Trichlorobenzene	15.263	180	137262	18.318	ug/l	97
94) Hexachlorobutadiene	15.367	225	98167	20.461	ug/l	99
95) Naphthalene	15.504	128	309386	16.518	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	128226	17.836	ug/l	99

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ClientSampleId :
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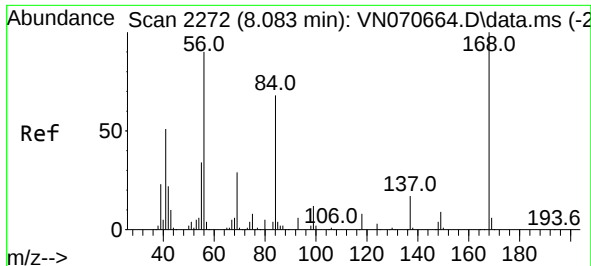
Manual Integrations
APPROVED

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Quant Title : SW846 8260
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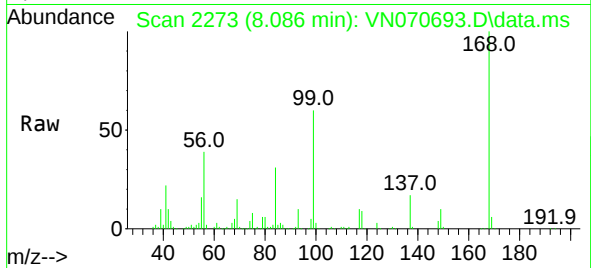
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070693.D
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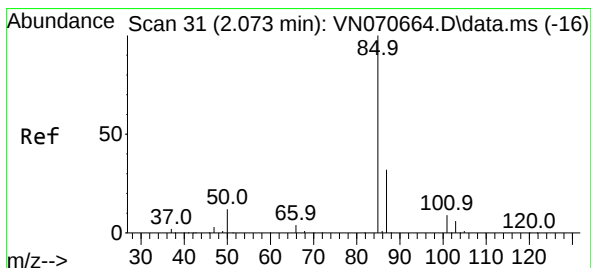
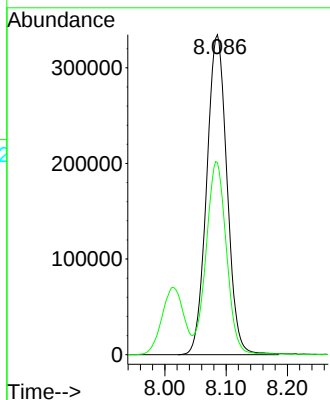
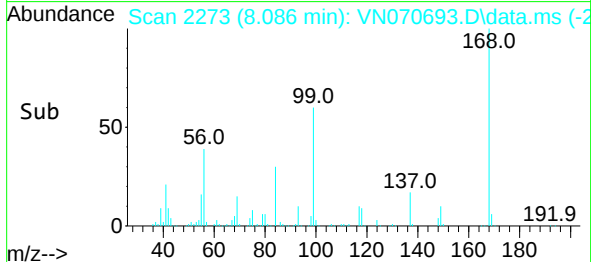
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



Tgt Ion:168 Resp: 770749
Ion Ratio Lower Upper
168 100
99 59.8 41.3 61.9

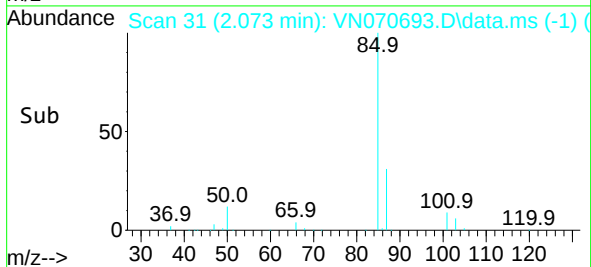
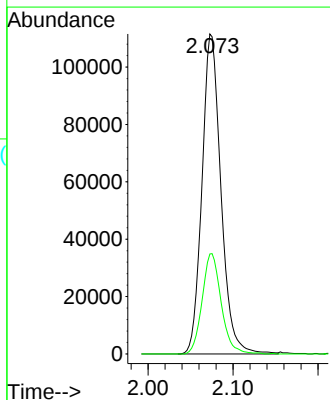
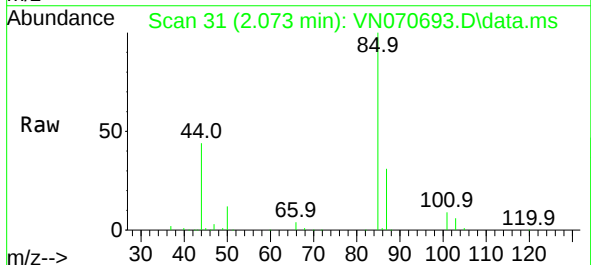
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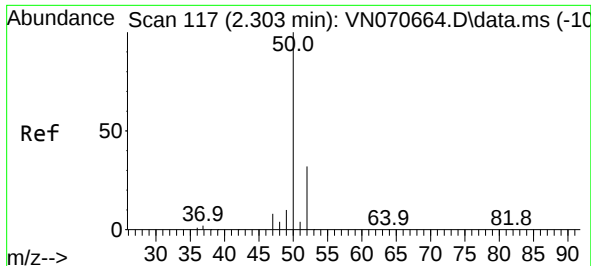
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#2
Dichlorodifluoromethane
Concen: 19.403 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

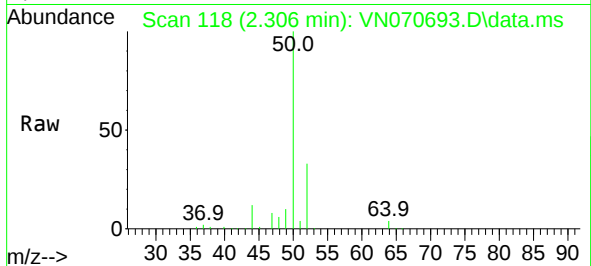
Tgt Ion: 85 Resp: 172811
Ion Ratio Lower Upper
85 100
87 31.3 16.3 48.9





#3
Chloromethane
Concen: 18.157 ug/l
RT: 2.306 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

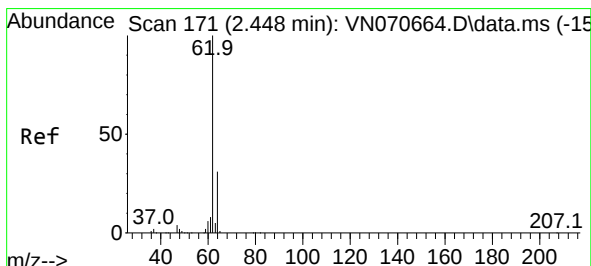
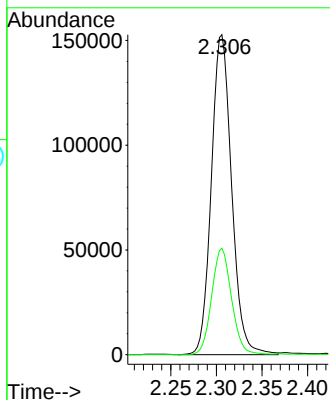
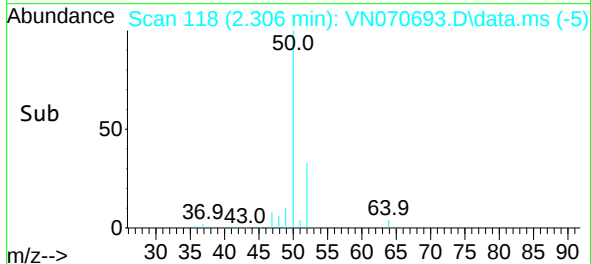
Instrument :
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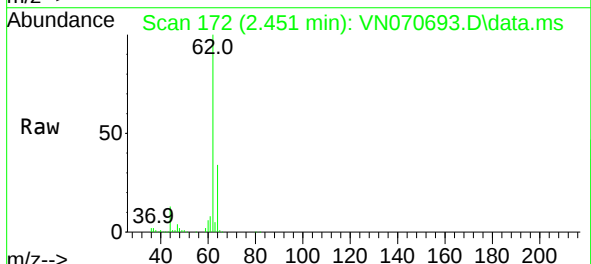
Tgt Ion: 50 Resp: 236380
Ion Ratio Lower Upper
50 100
52 33.3 25.4 38.0

Manual Integrations
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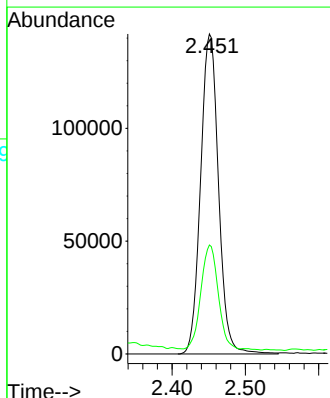
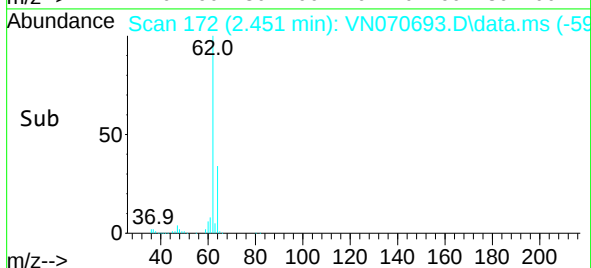
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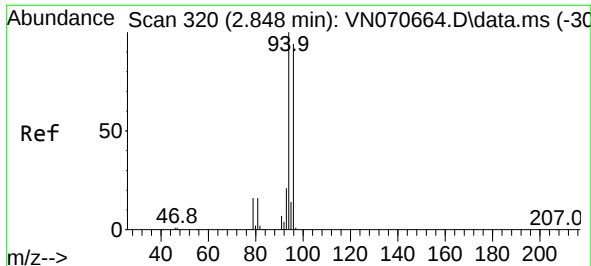


#4
Vinyl Chloride
Concen: 19.463 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.003 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19



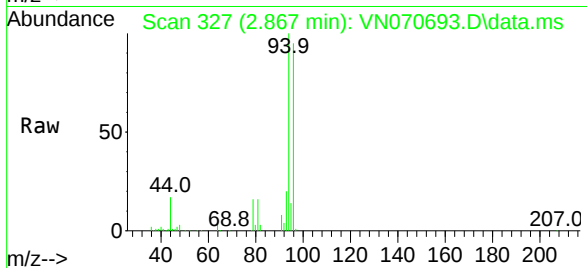
Tgt Ion: 62 Resp: 240987
Ion Ratio Lower Upper
62 100
64 32.8 25.8 38.6





#5
Bromomethane
Concen: 22.382 ug/l
RT: 2.867 min Scan# 31
Delta R.T. 0.019 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

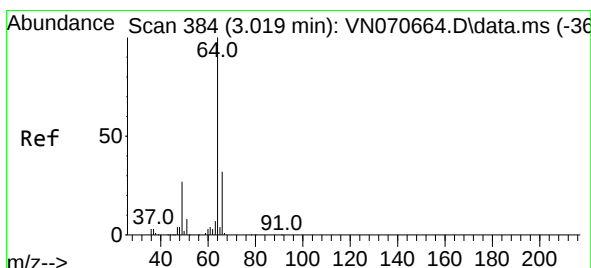
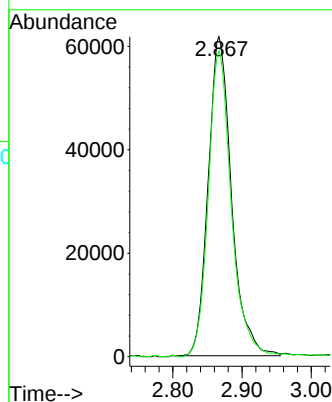
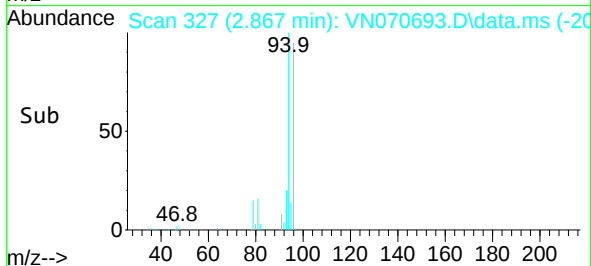
Instrument :
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Tgt Ion: 94 Resp: 14434
Ion Ratio Lower Upper
94 100
96 95.8 73.8 110.8

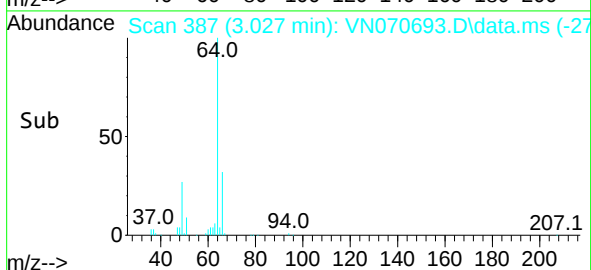
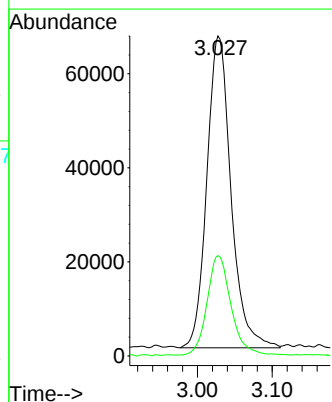
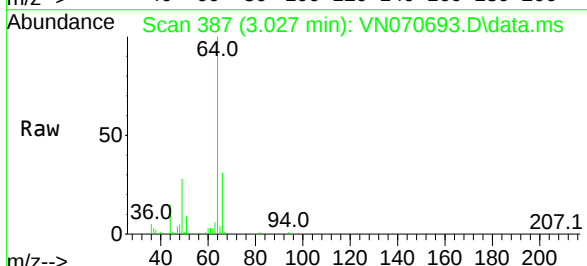
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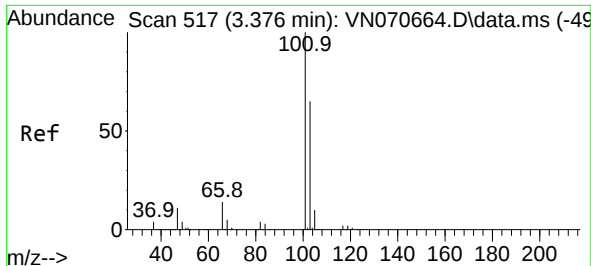
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#6
Chloroethane
Concen: 19.278 ug/l
RT: 3.027 min Scan# 387
Delta R.T. 0.008 min
Lab File: VN070693.D
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Tgt Ion: 64 Resp: 148960
Ion Ratio Lower Upper
64 100
66 31.8 26.3 39.5





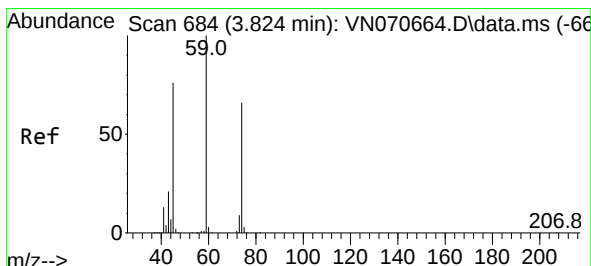
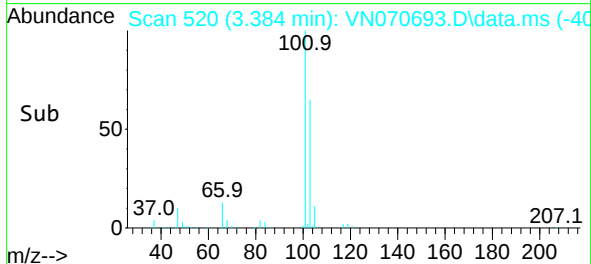
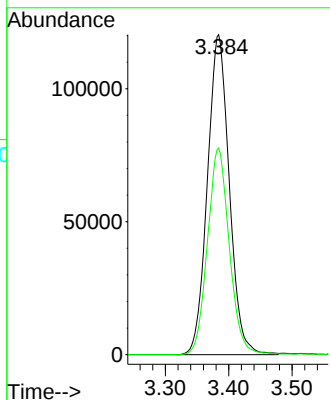
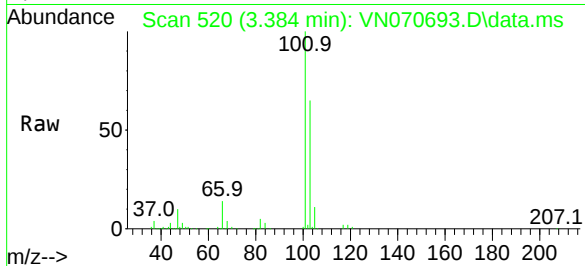
#7
Trichlorofluoromethane
Concen: 20.422 ug/l
RT: 3.384 min Scan# 517
Delta R.T. 0.008 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

Instrument :
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Tgt Ion:101 Resp: 28887
Ion Ratio Lower Upper
101 100
103 64.5 50.1 75.1

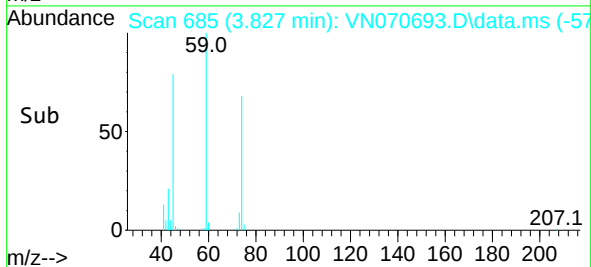
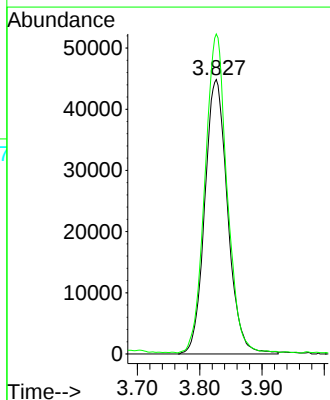
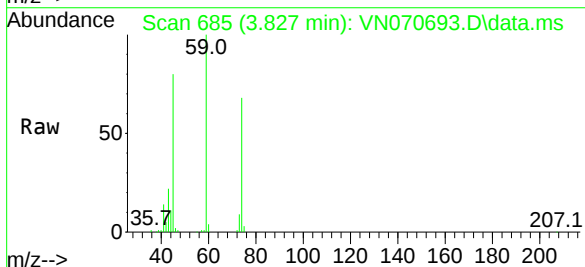
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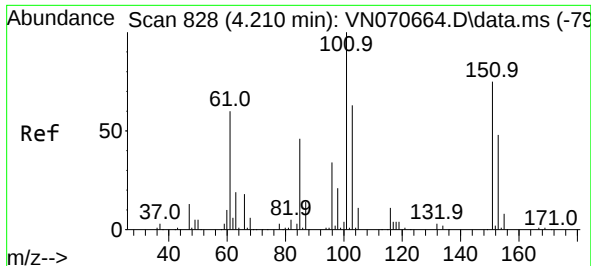
Reviewed By :John Carlone 01/20/2022
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#8
Diethyl Ether
Concen: 18.521 ug/l
RT: 3.827 min Scan# 685
Delta R.T. 0.003 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

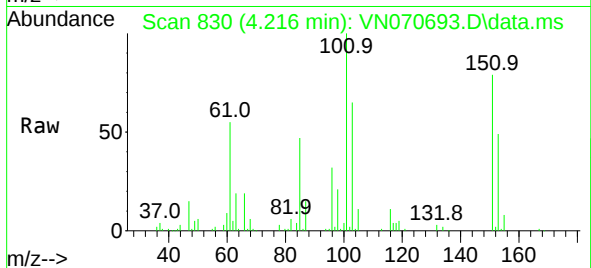
Tgt Ion: 74 Resp: 114441
Ion Ratio Lower Upper
74 100
45 112.0 47.0 141.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.753 ug/l
RT: 4.216 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN070693.D
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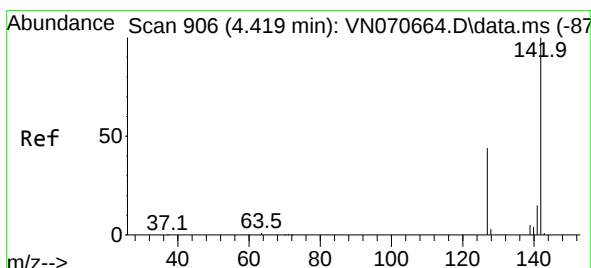
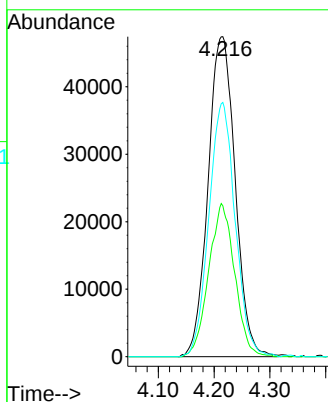
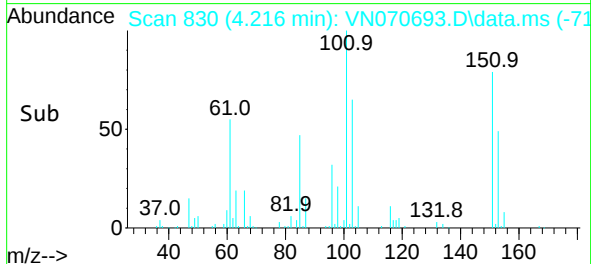
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



Tgt Ion:101 Resp: 16032
Ion Ratio Lower Upper
101 100
85 45.8 37.2 55.8
151 77.0 65.9 98.9

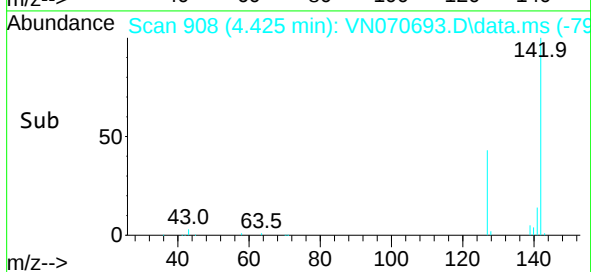
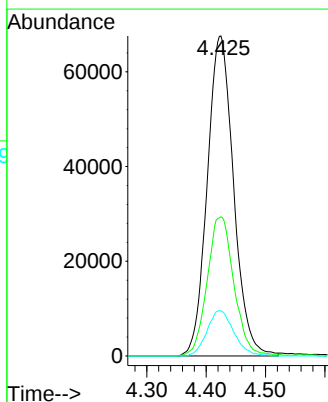
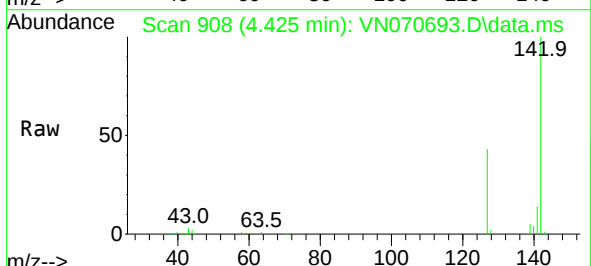
Manual Integrations
APPROVED

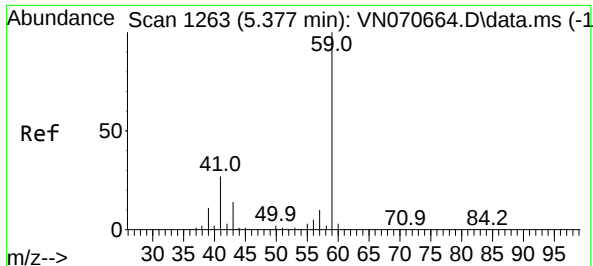
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#10
Methyl Iodide
Concen: 18.923 ug/l
RT: 4.425 min Scan# 908
Delta R.T. 0.006 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

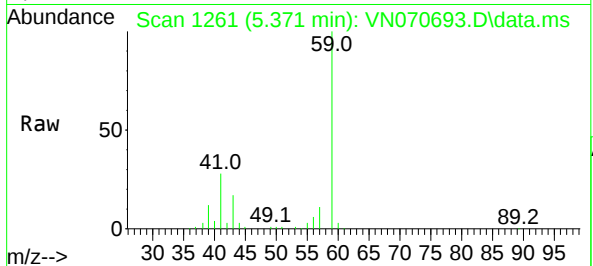
Tgt Ion:142 Resp: 208610
Ion Ratio Lower Upper
142 100
127 44.2 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 85.666 ug/l
RT: 5.371 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

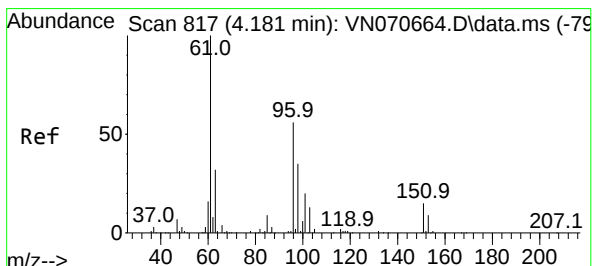
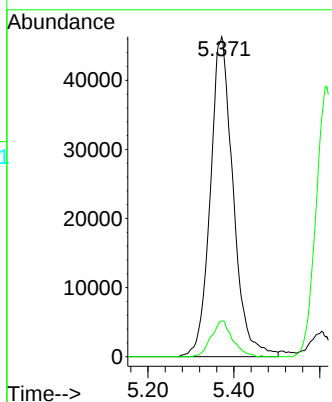
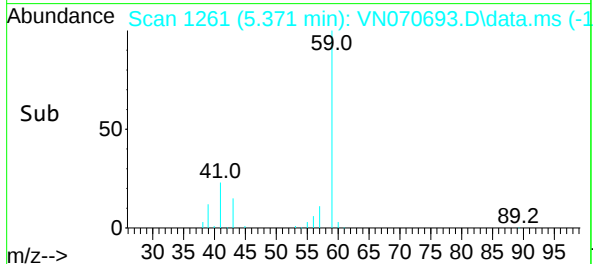
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



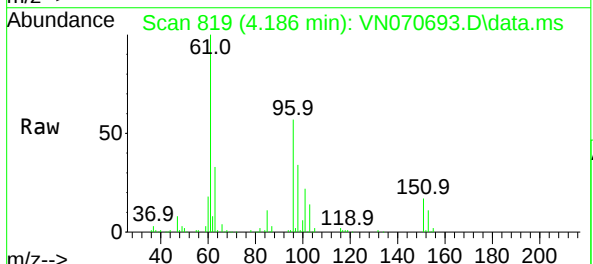
Tgt Ion: 59 Resp: 170719
Ion Ratio Lower Upper
59 100
57 10.4 8.7 13.1

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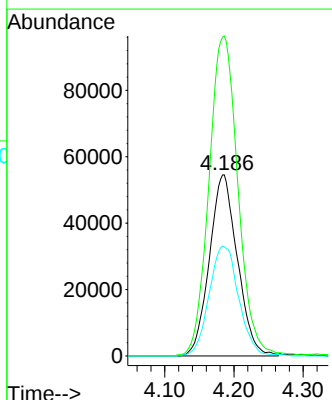
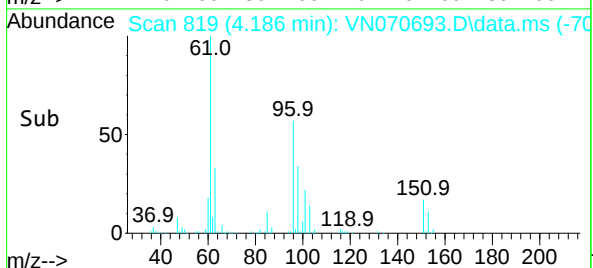
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#12
1,1-Dichloroethene
Concen: 17.966 ug/l
RT: 4.186 min Scan# 819
Delta R.T. 0.005 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19



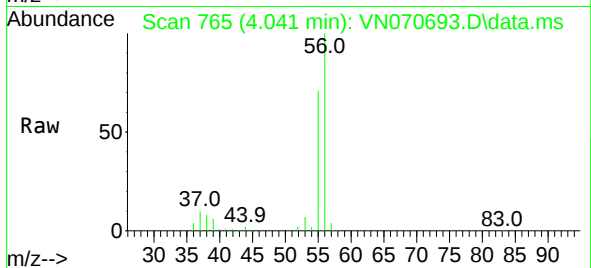
Tgt Ion: 96 Resp: 153193
Ion Ratio Lower Upper
96 100
61 175.9 131.0 196.6
98 60.1 52.4 78.6





#13
Acrolein
Concen: 96.532 ug/l
RT: 4.041 min Scan# 70
Delta R.T. 0.002 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

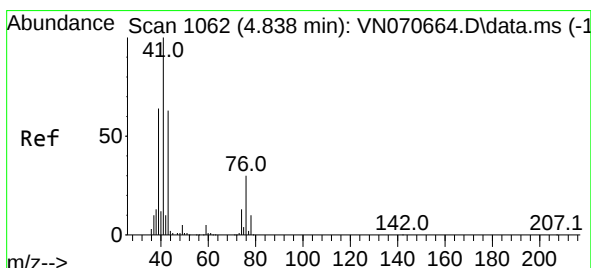
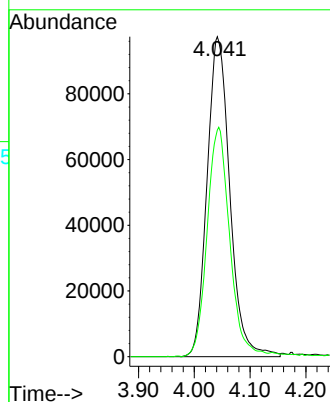
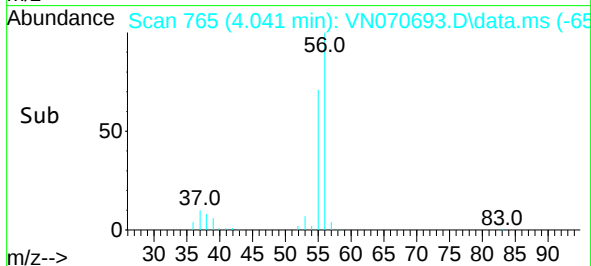
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



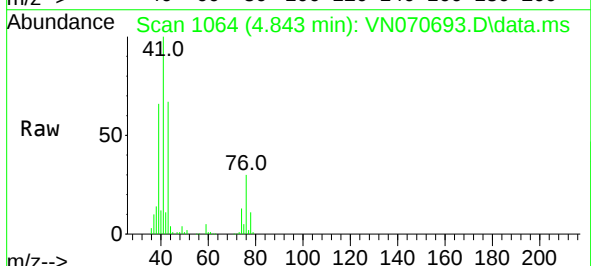
Tgt Ion: 56 Resp: 27590
Ion Ratio Lower Upper
56 100
55 71.0 56.6 85.0

Manual Integrations
APPROVED

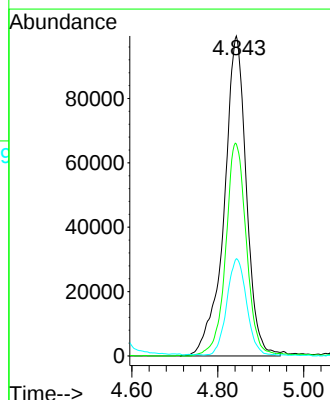
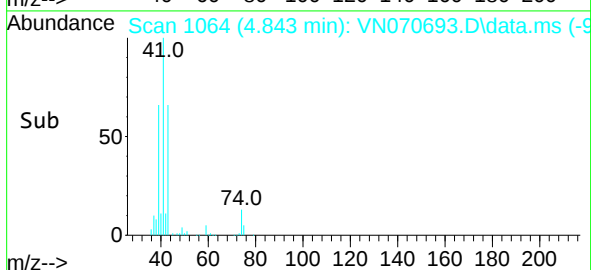
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

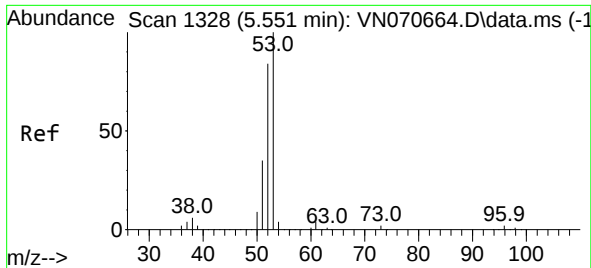


#14
Allyl chloride
Concen: 19.246 ug/l
RT: 4.843 min Scan# 1064
Delta R.T. 0.005 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19



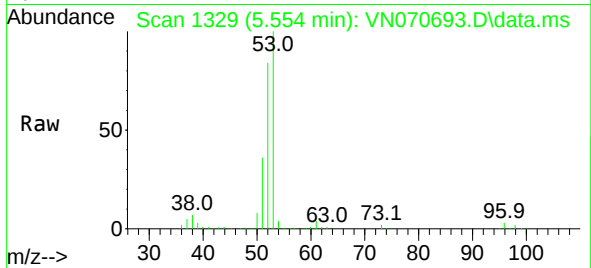
Tgt Ion: 41 Resp: 357560
Ion Ratio Lower Upper
41 100
39 61.7 61.2 91.8
76 26.5 26.0 39.0





#15
Acrylonitrile
Concen: 91.746 ug/l
RT: 5.554 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

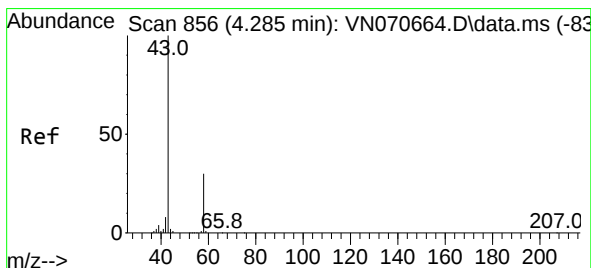
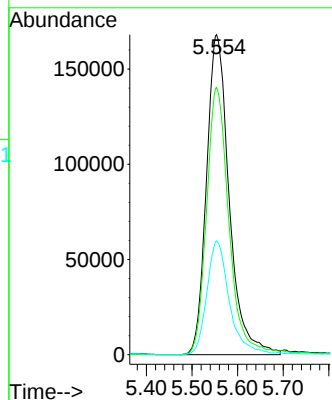
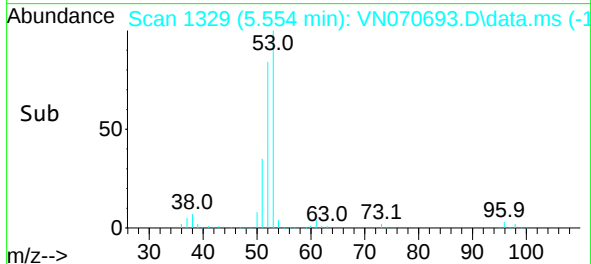
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



Tgt Ion: 53 Resp: 58164
Ion Ratio Lower Upper
53 100
52 82.0 66.2 99.2
51 35.3 29.6 44.4

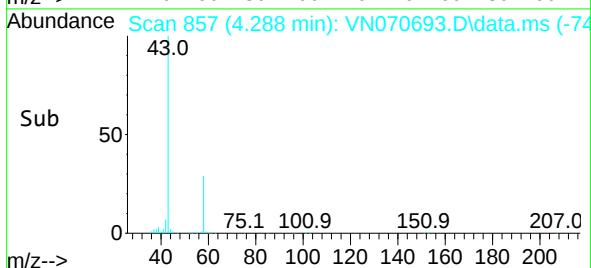
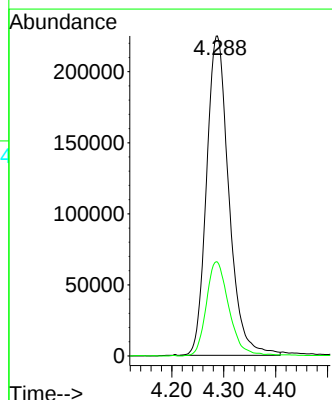
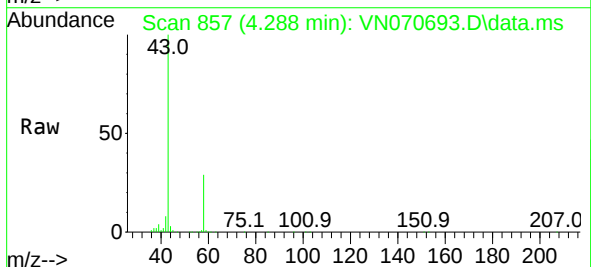
Manual Integrations
APPROVED

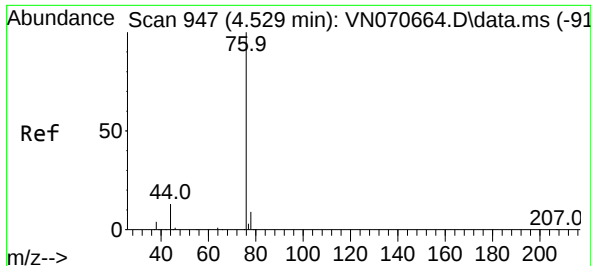
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#16
Acetone
Concen: 87.483 ug/l
RT: 4.288 min Scan# 857
Delta R.T. 0.003 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

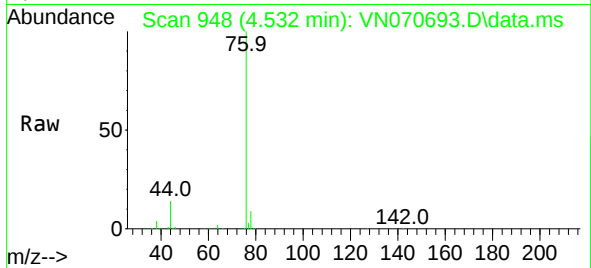
Tgt Ion: 43 Resp: 670715
Ion Ratio Lower Upper
43 100
58 29.4 23.1 34.7





#17
Carbon Disulfide
Concen: 18.754 ug/l
RT: 4.532 min Scan# 947
Delta R.T. 0.003 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

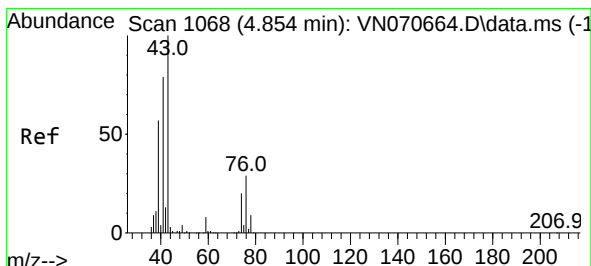
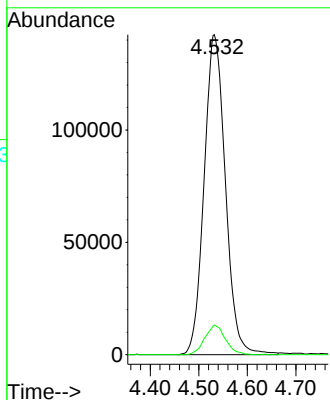
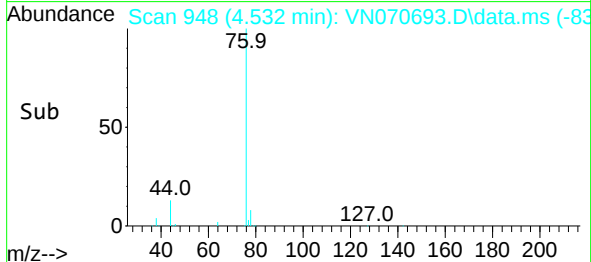
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



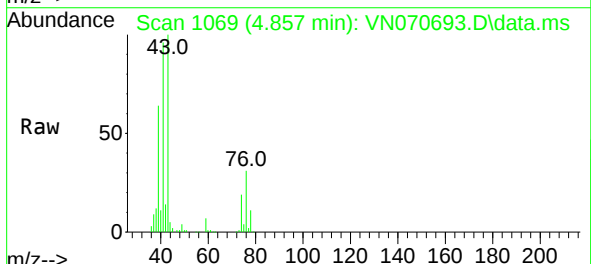
Tgt Ion: 76 Resp: 434304
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

Manual Integrations
APPROVED

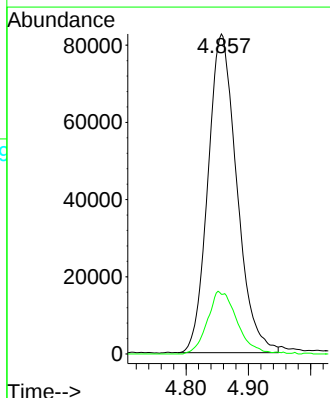
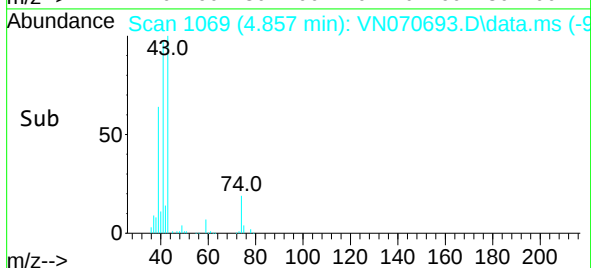
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

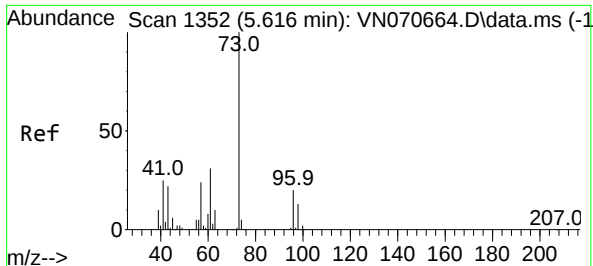


#18
Methyl Acetate
Concen: 17.627 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.003 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19



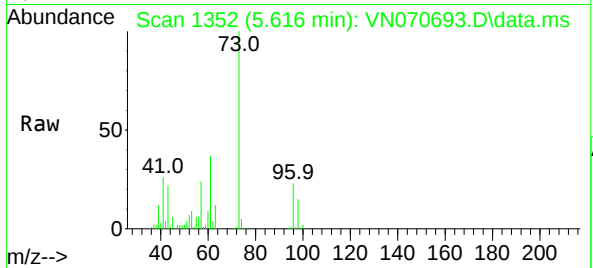
Tgt Ion: 43 Resp: 265774
Ion Ratio Lower Upper
43 100
74 20.1 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 19.595 ug/l
RT: 5.616 min Scan# 1160
Delta R.T. -0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

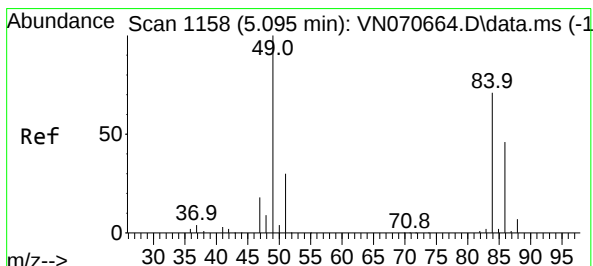
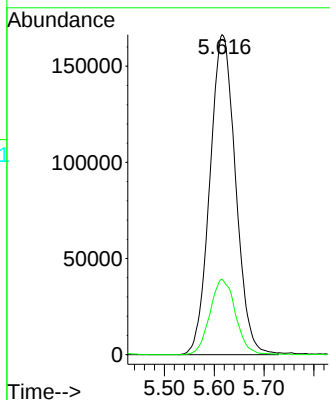
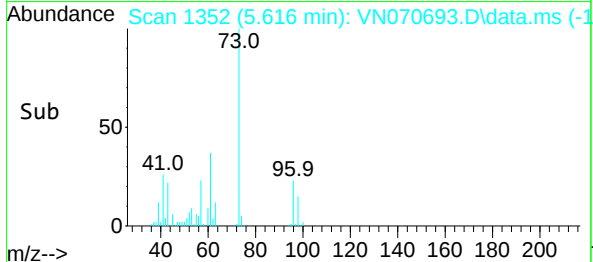
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



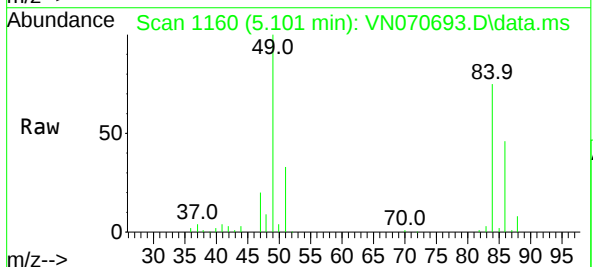
Tgt Ion: 73 Resp: 59686
Ion Ratio Lower Upper
73 100
57 23.5 16.8 25.2

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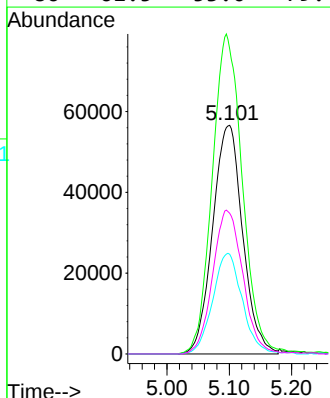
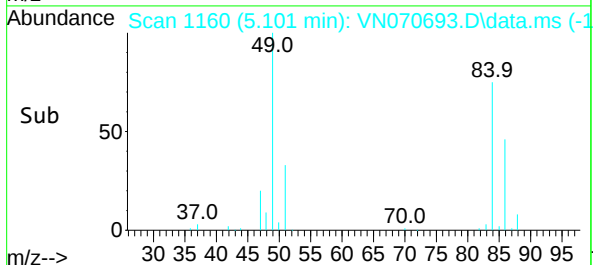
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#20
Methylene Chloride
Concen: 18.765 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. 0.006 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19



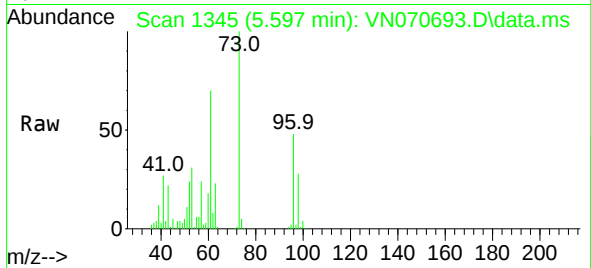
Tgt Ion: 84 Resp: 189508
Ion Ratio Lower Upper
84 100
49 133.3 93.5 140.3
51 43.6 29.4 44.2
86 61.5 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 19.574 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

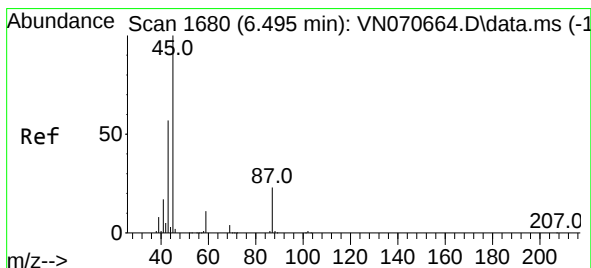
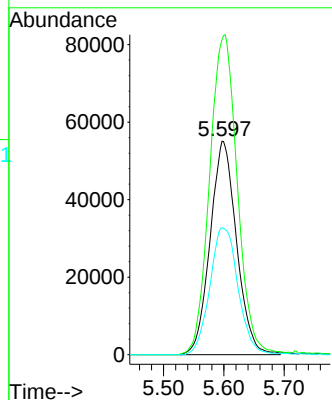
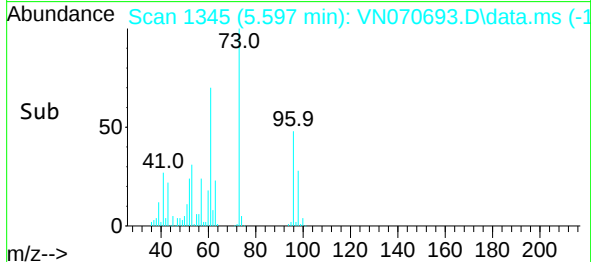
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



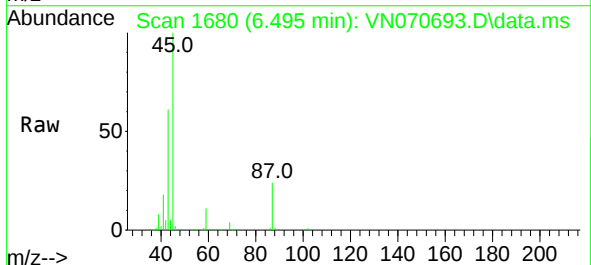
Tgt Ion: 96 Resp: 167974
Ion Ratio Lower Upper
96 100
61 147.3 105.8 158.6
98 59.5 52.0 78.0

Manual Integrations
APPROVED

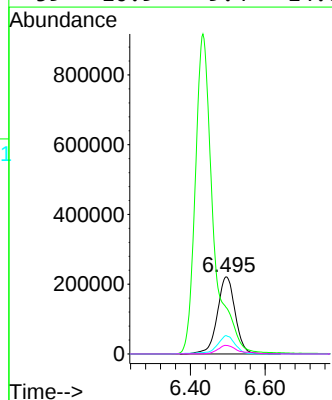
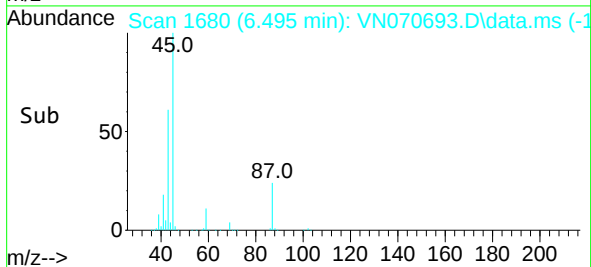
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

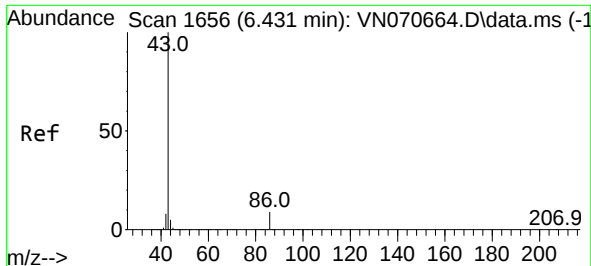


#22
Diisopropyl ether
Concen: 19.996 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. 0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19



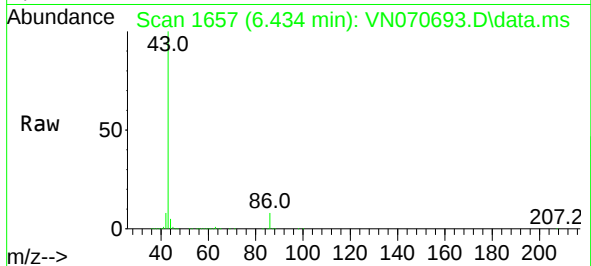
Tgt Ion: 45 Resp: 736345
Ion Ratio Lower Upper
45 100
43 59.2 51.7 77.5
87 23.7 23.2 34.8
59 10.9 9.4 14.0





#23
 Vinyl Acetate
 Concen: 97.721 ug/l
 RT: 6.434 min Scan# 1657
 Delta R.T. 0.003 min
 Lab File: VN070693.D
 Acq: 19 Jan 2022 12:19

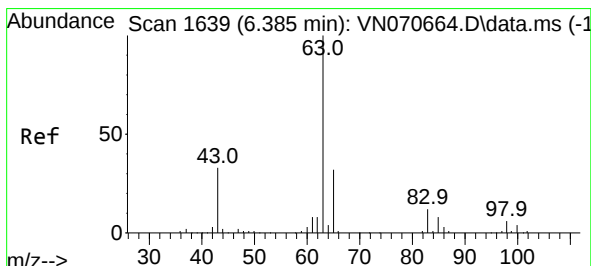
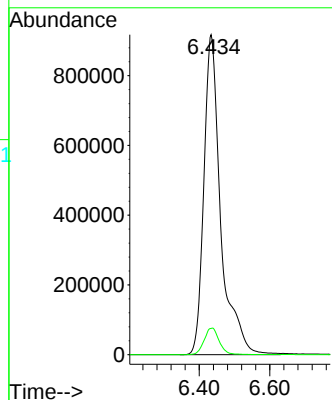
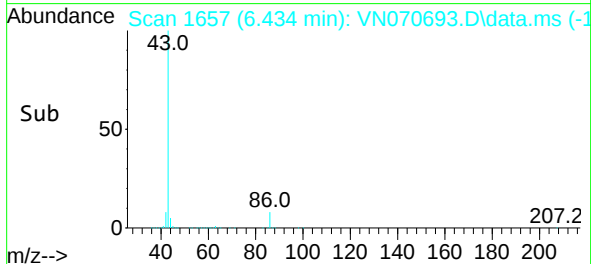
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119WBS01



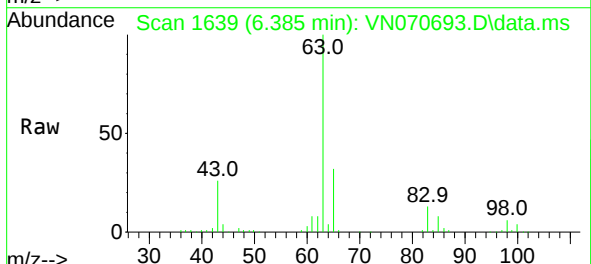
Tgt Ion: 43 Resp: 305037
 Ion Ratio Lower Upper
 43 100
 86 8.2 8.5 12.7

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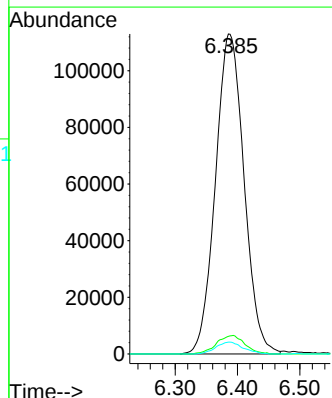
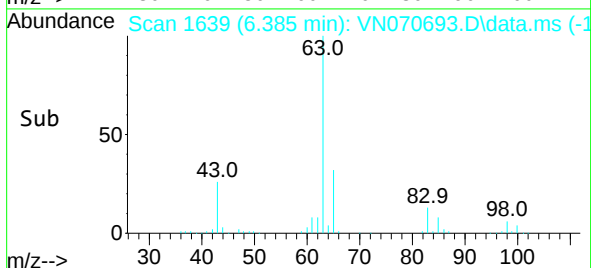
Reviewed By :John Carlone 01/20/2022
 Supervised By :Mahesh Dadoda 01/20/2022



#24
 1,1-Dichloroethane
 Concen: 19.563 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VN070693.D
 Acq: 19 Jan 2022 12:19



Tgt Ion: 63 Resp: 360341
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.3 9.9
 100 3.7 2.1 6.5





#25

2-Butanone

Concen: 90.016 ug/l

RT: 7.332 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VN070693.D

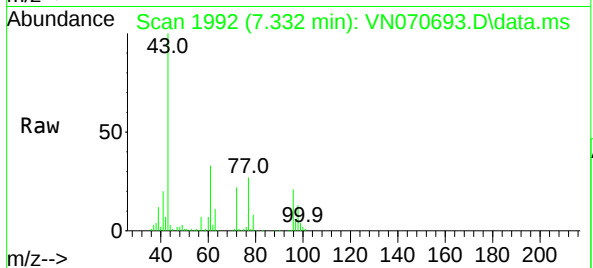
Acq: 19 Jan 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0119WBS01



Tgt Ion: 43 Resp: 868424

Ion Ratio Lower Upper

43 100

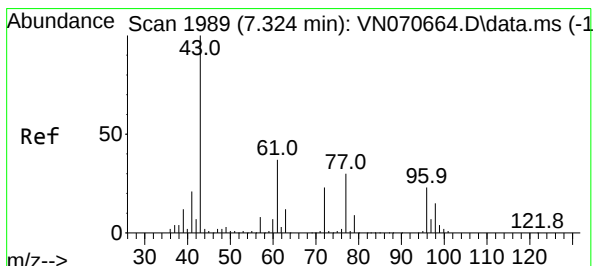
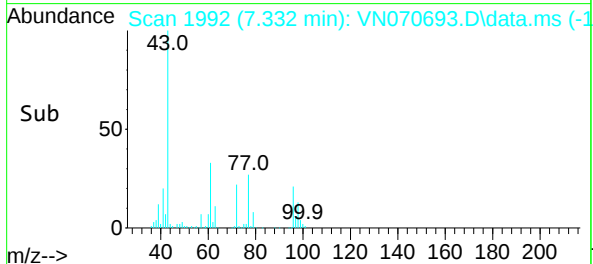
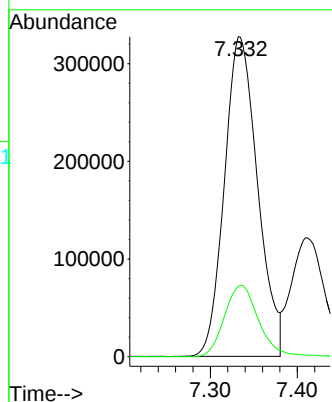
72 22.0 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2022

Supervised By :Mahesh Dadoda 01/20/2022



#26

2,2-Dichloropropane

Concen: 19.465 ug/l

RT: 7.324 min Scan# 1989

Delta R.T. -0.000 min

Lab File: VN070693.D

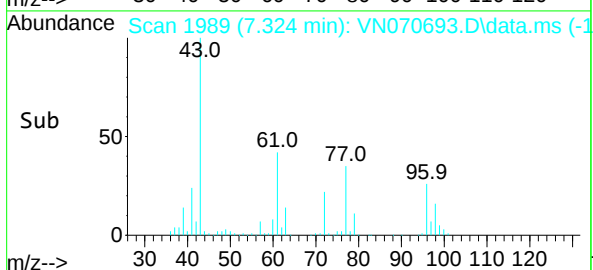
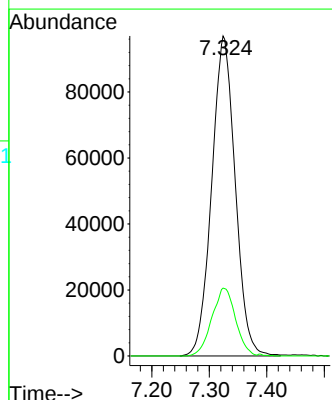
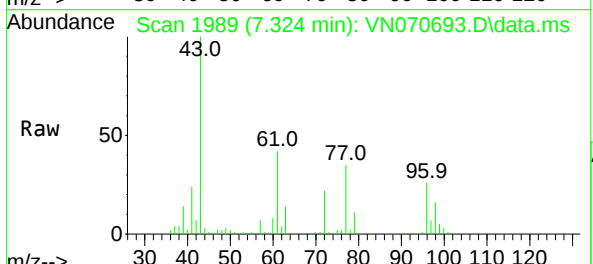
Acq: 19 Jan 2022 12:19

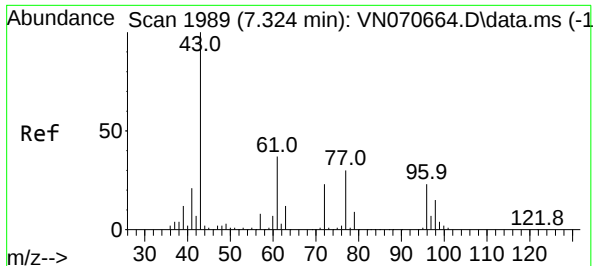
Tgt Ion: 77 Resp: 274897

Ion Ratio Lower Upper

77 100

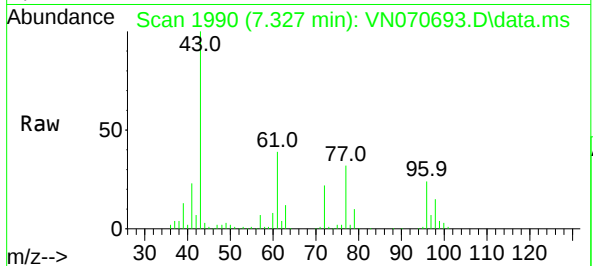
97 21.4 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 18.992 ug/l
 RT: 7.327 min Scan# 1989
 Delta R.T. 0.003 min
 Lab File: VN070693.D
 Acq: 19 Jan 2022 12:19

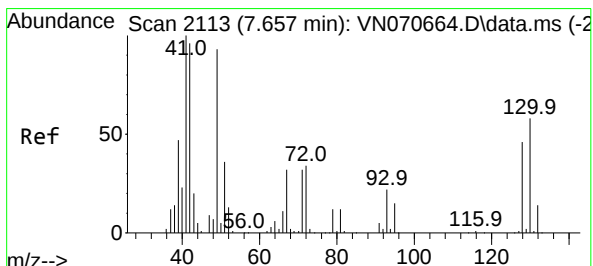
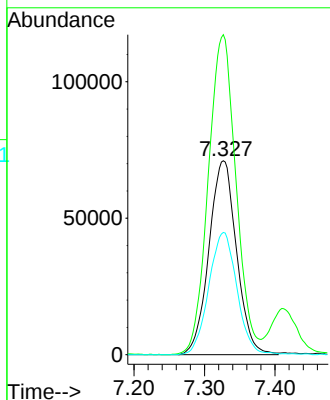
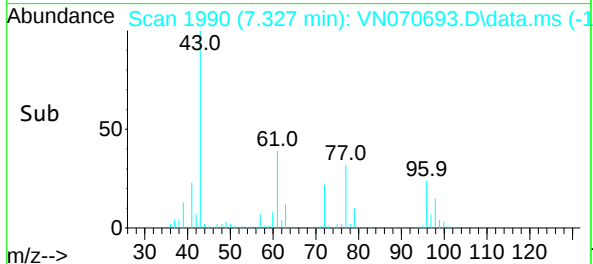
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119WBS01



Tgt Ion: 96 Resp: 193614
 Ion Ratio Lower Upper
 96 100
 61 165.5 0.0 275.0
 98 64.1 0.0 129.6

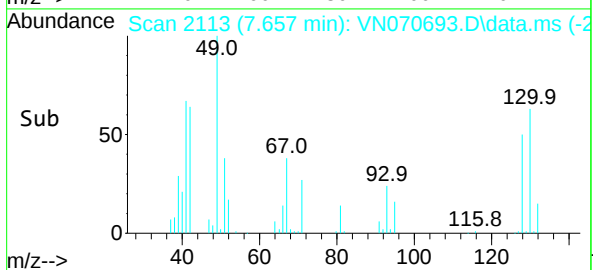
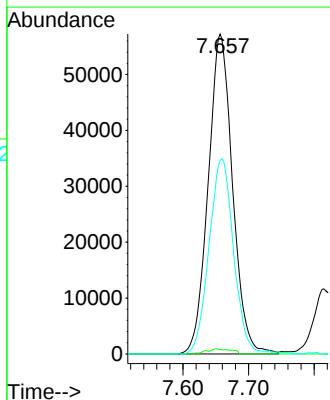
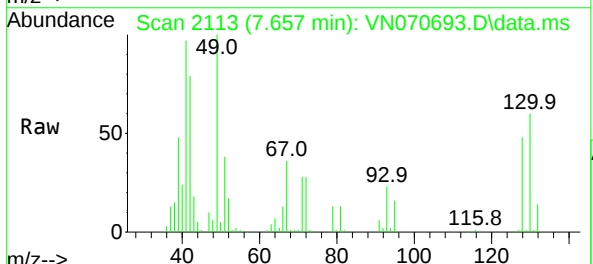
Manual Integrations
 APPROVED

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



#28
 Bromochloromethane
 Concen: 17.849 ug/l
 RT: 7.657 min Scan# 2113
 Delta R.T. -0.000 min
 Lab File: VN070693.D
 Acq: 19 Jan 2022 12:19

Tgt Ion: 49 Resp: 147610
 Ion Ratio Lower Upper
 49 100
 129 0.2 0.0 4.0
 130 61.3 67.8 101.8#





#29

Tetrahydrofuran

Concen: 92.704 ug/l

RT: 7.686 min Scan# 2123

Delta R.T. 0.003 min

Lab File: VN070693.D

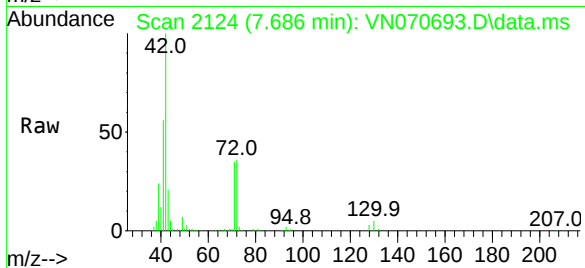
Acq: 19 Jan 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0119WBS01



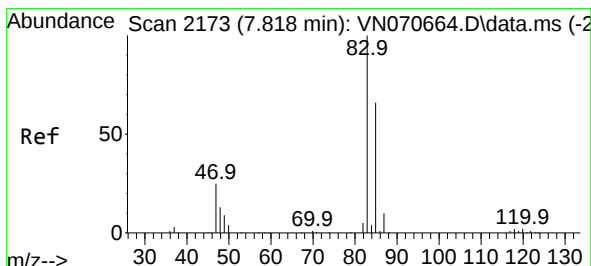
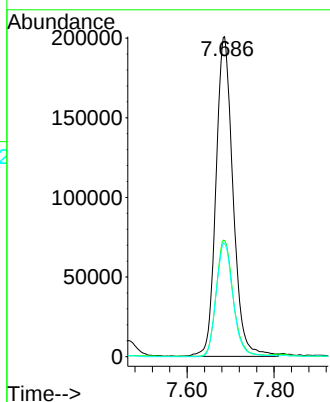
Tgt Ion:	42	Resp:	547620
Ion Ratio	Lower	Upper	
42	100		
72	36.3	36.3	54.5
71	35.3	34.7	52.1

Manual Integrations

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Reviewed By :John Carlone 01/20/2022

Supervised By :Mahesh Dadoda 01/20/2022



#30

Chloroform

Concen: 18.938 ug/l

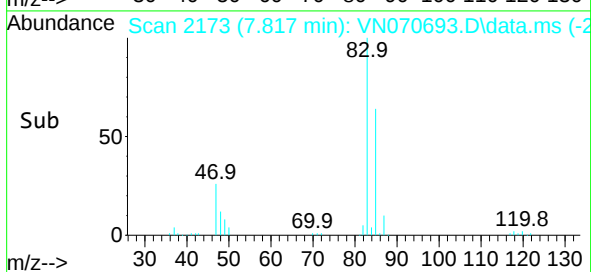
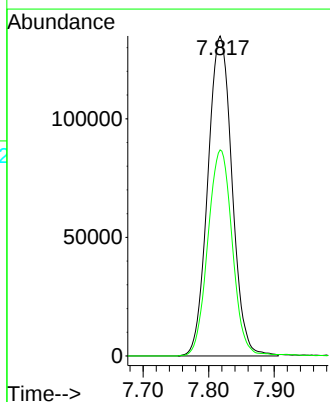
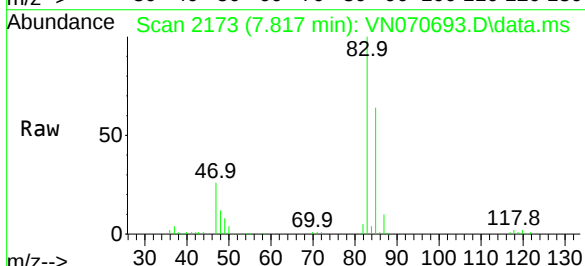
RT: 7.817 min Scan# 2173

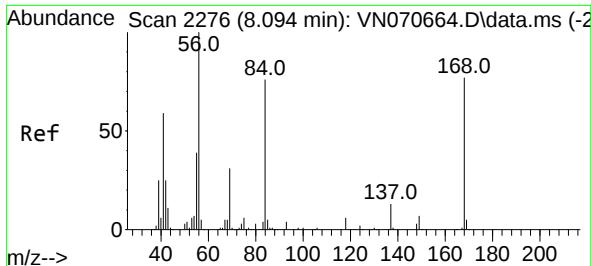
Delta R.T. -0.001 min

Lab File: VN070693.D

Acq: 19 Jan 2022 12:19

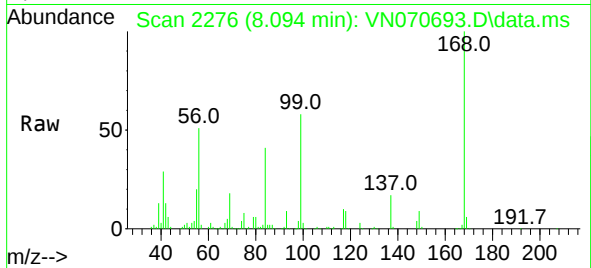
Tgt Ion:	83	Resp:	346297
Ion Ratio	Lower	Upper	
83	100		
85	64.4	51.9	77.9





#31
Cyclohexane
Concen: 19.265 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

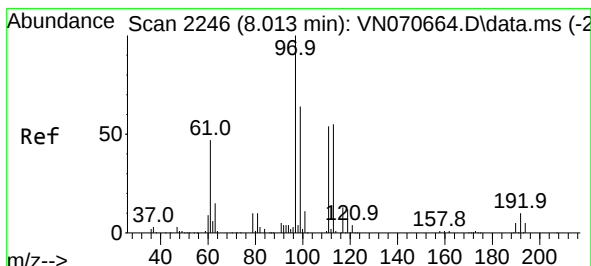
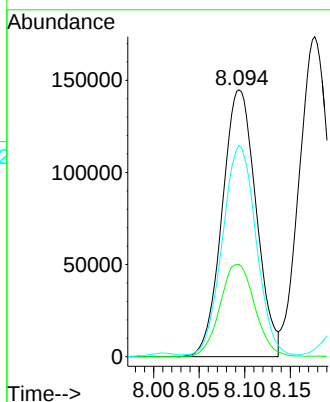
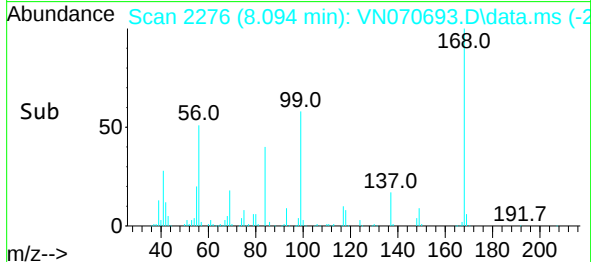
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



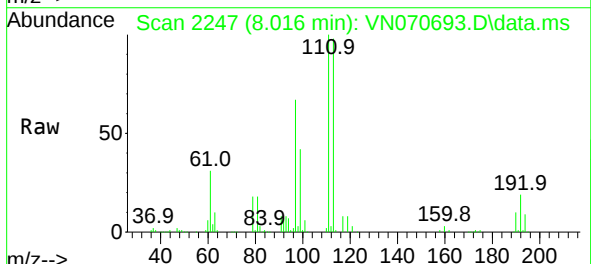
Tgt Ion: 56 Resp: 374724
Ion Ratio Lower Upper
56 100
69 34.6 27.1 40.7
84 78.4 73.4 110.0

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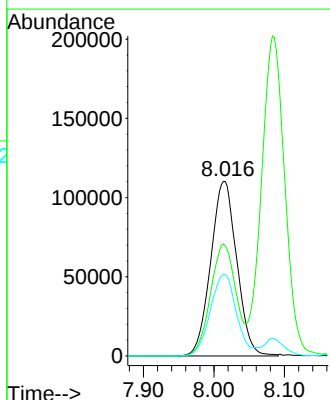
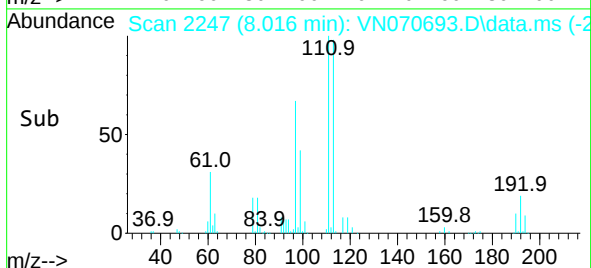
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

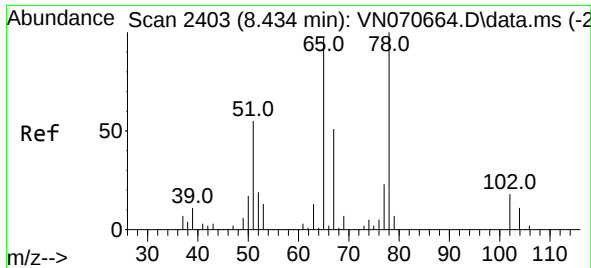


#32
1,1,1-Trichloroethane
Concen: 19.816 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.003 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19



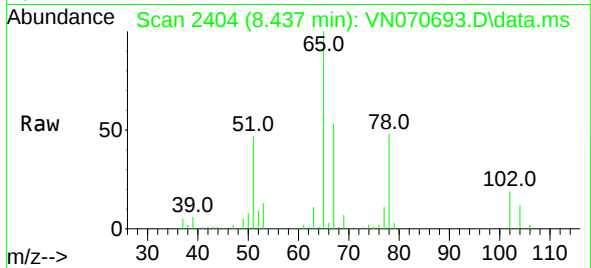
Tgt Ion: 97 Resp: 283322
Ion Ratio Lower Upper
97 100
99 62.7 50.1 75.1
61 46.6 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 52.290 ug/l
RT: 8.437 min Scan# 2403
Delta R.T. 0.003 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

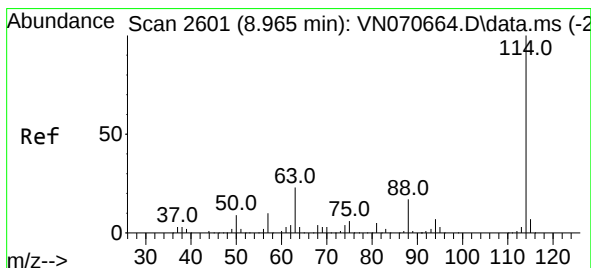
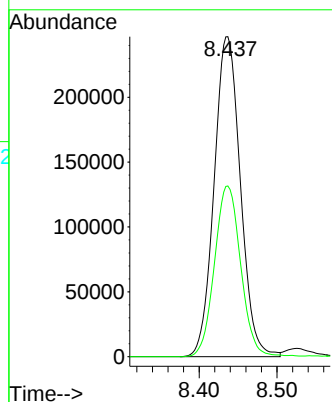
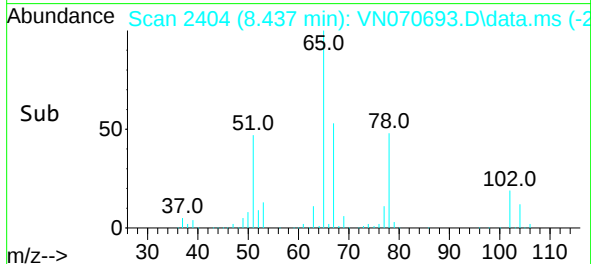
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



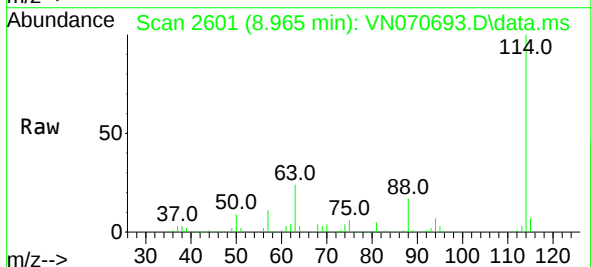
Tgt Ion: 65 Resp: 57759
Ion Ratio Lower Upper
65 100
67 53.1 0.0 103.0

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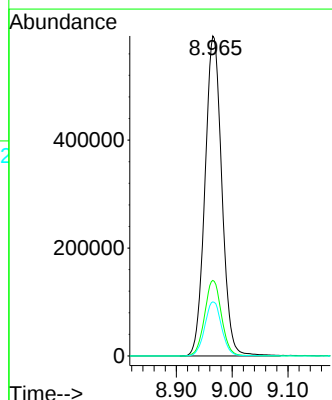
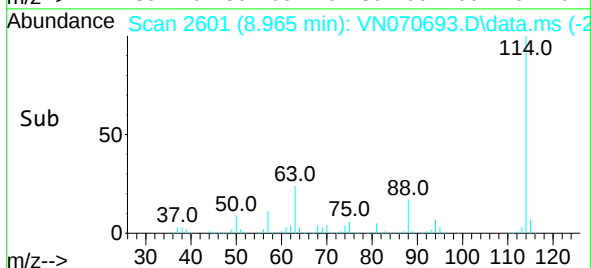
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

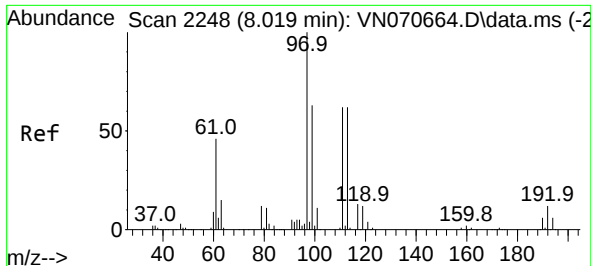


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.965 min Scan# 2601
Delta R.T. 0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19



Tgt Ion:114 Resp: 1245317
Ion Ratio Lower Upper
114 100
63 23.6 0.0 37.8
88 16.9 0.0 27.4





#35

Dibromofluoromethane

Concen: 53.423 ug/l

RT: 8.019 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN070693.D

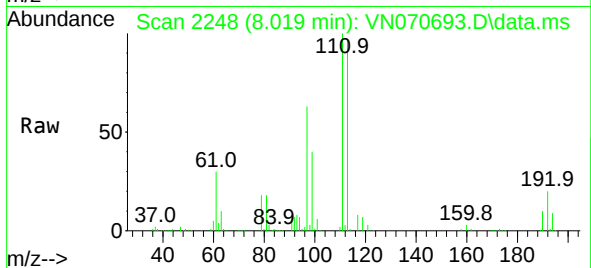
Acq: 19 Jan 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0119WBS01



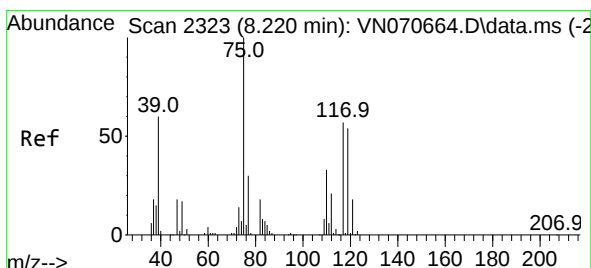
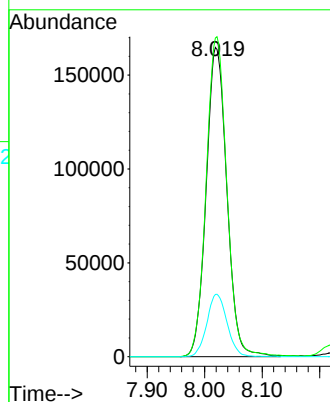
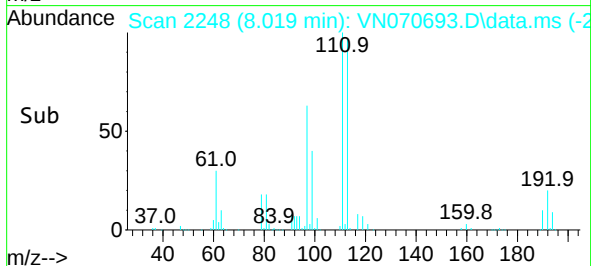
Tgt Ion:	113	Resp:	412680
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.2	123.2
192	19.7	16.9	25.3

Manual Integrations

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Reviewed By :John Carlone 01/20/2022

Supervised By :Mahesh Dadoda 01/20/2022



#36

1,1-Dichloropropene

Concen: 20.346 ug/l

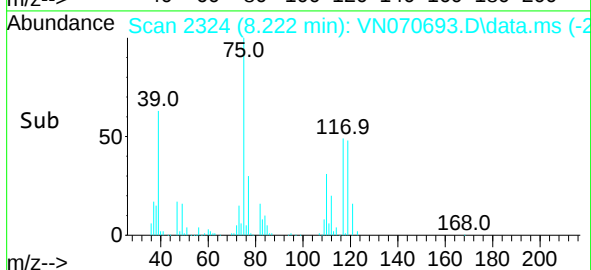
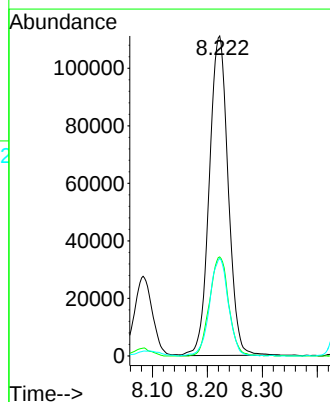
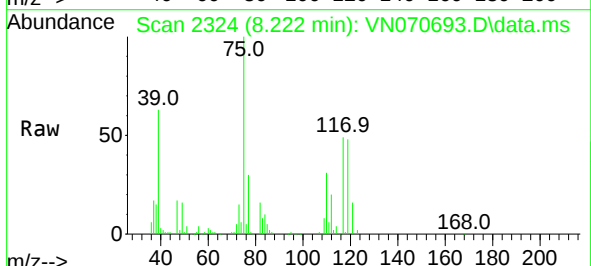
RT: 8.222 min Scan# 2324

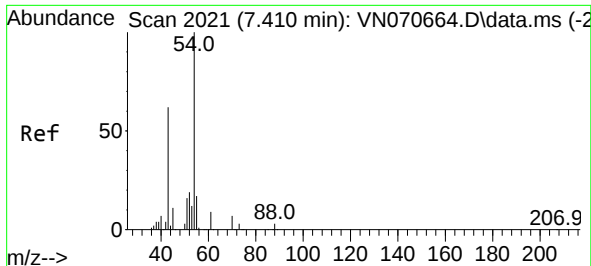
Delta R.T. 0.002 min

Lab File: VN070693.D

Acq: 19 Jan 2022 12:19

Tgt Ion:	75	Resp:	264587
Ion	Ratio	Lower	Upper
75	100		
110	31.5	18.4	55.2
77	30.5	24.4	36.6





#37

Ethyl Acetate

Concen: 19.200 ug/l

RT: 7.410 min Scan# 2021

Delta R.T. -0.000 min

Lab File: VN070693.D

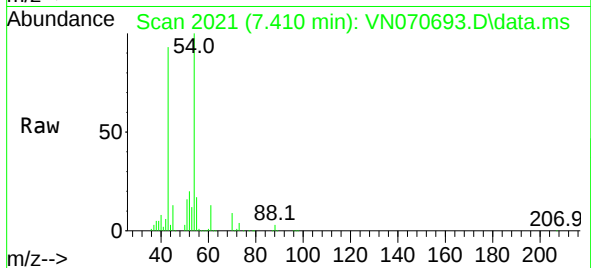
Acq: 19 Jan 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0119WBS01



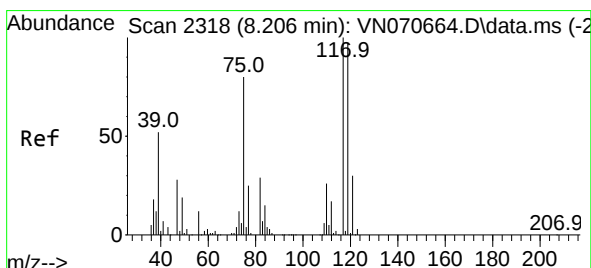
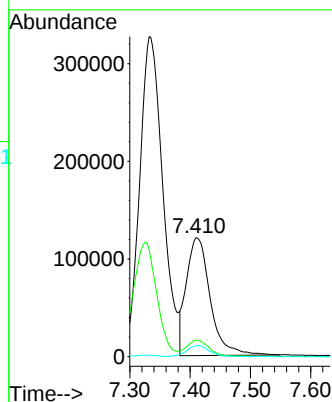
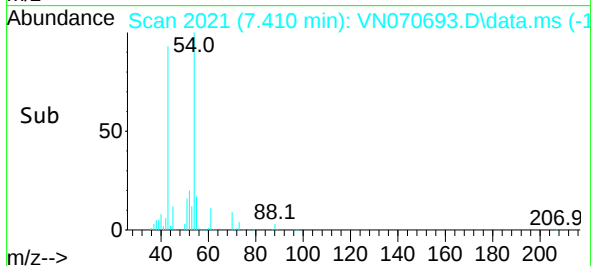
Tgt Ion:	43	Resp:	33149
Ion Ratio	Lower	Upper	
43	100		
61	12.5	11.5	17.3
70	8.5	7.9	11.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2022

Supervised By :Mahesh Dadoda 01/20/2022



#38

Carbon Tetrachloride

Concen: 20.392 ug/l

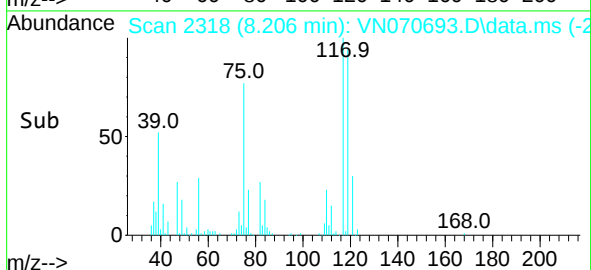
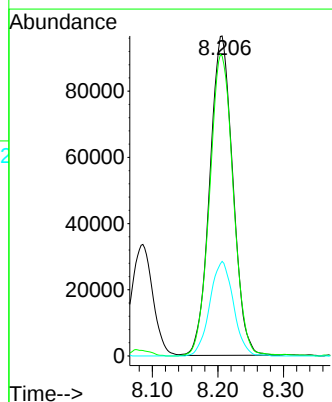
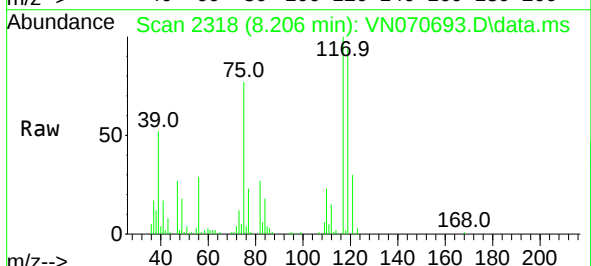
RT: 8.206 min Scan# 2318

Delta R.T. 0.000 min

Lab File: VN070693.D

Acq: 19 Jan 2022 12:19

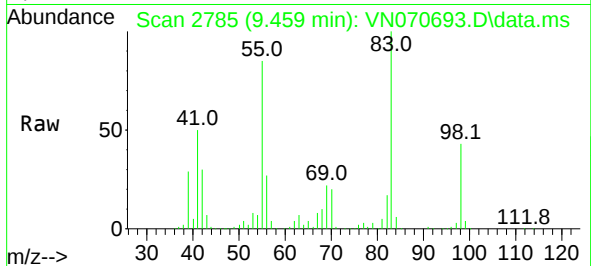
Tgt Ion:	117	Resp:	235914
Ion Ratio	Lower	Upper	
117	100		
119	93.8	76.1	114.1
121	29.6	24.2	36.2





#39
Methylcyclohexane
Concen: 20.147 ug/l
RT: 9.459 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

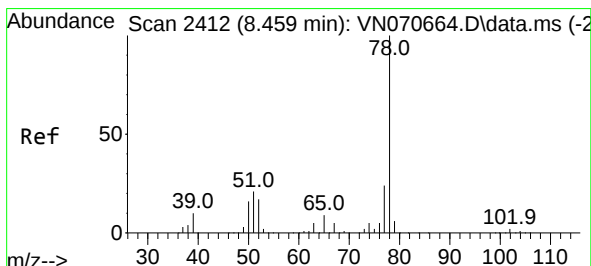
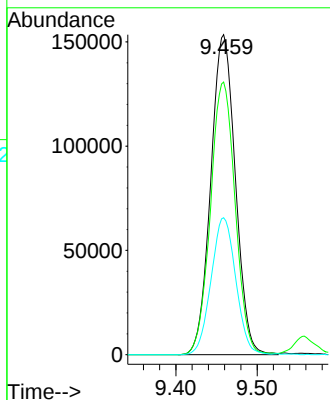
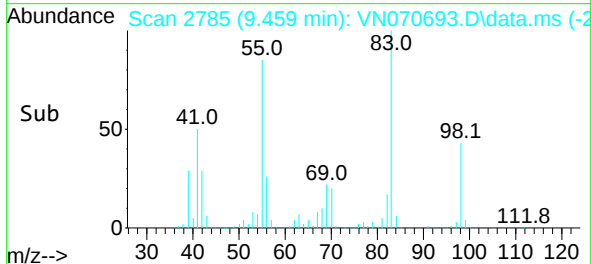
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



Tgt Ion: 83 Resp: 32345
Ion Ratio Lower Upper
83 100
55 85.2 58.1 87.1
98 42.8 38.4 57.6

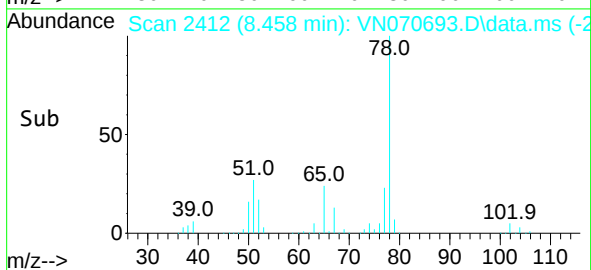
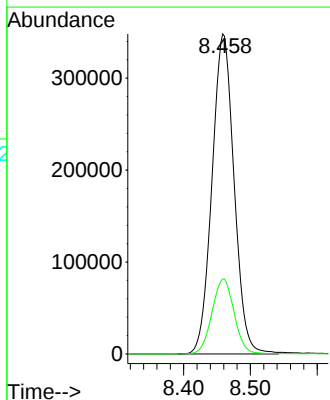
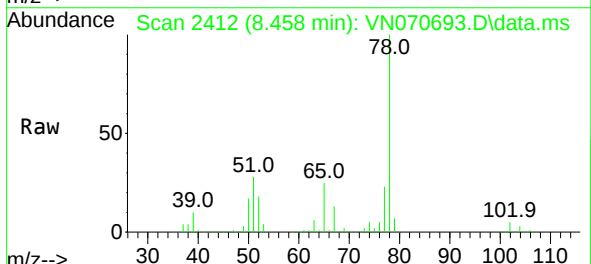
Manual Integrations
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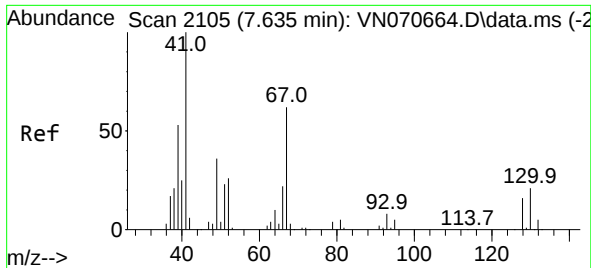
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#40
Benzene
Concen: 19.845 ug/l
RT: 8.458 min Scan# 2412
Delta R.T. -0.001 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

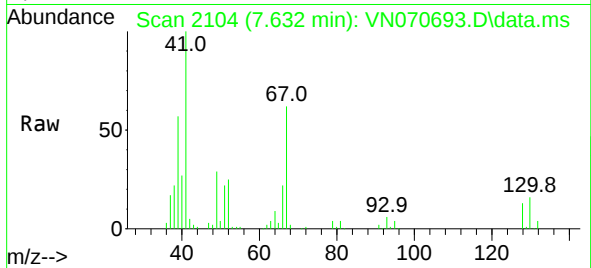
Tgt Ion: 78 Resp: 799662
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8





#41
Methacrylonitrile
Concen: 18.363 ug/l
RT: 7.632 min Scan# 2105
Delta R.T. -0.003 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

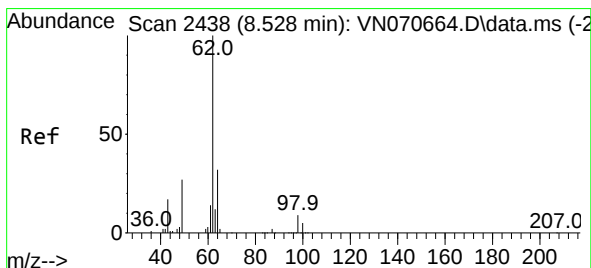
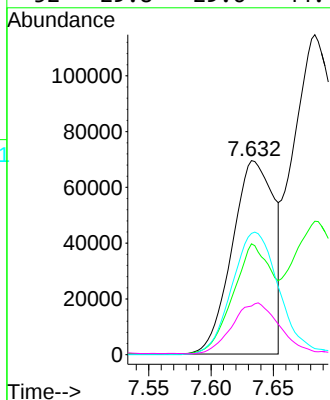
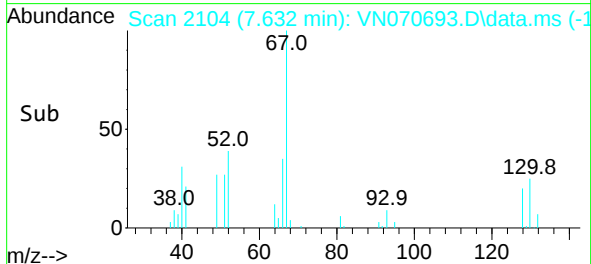
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



Tgt Ion: 41 Resp: 161290
Ion Ratio Lower Upper
41 100
39 53.6 48.1 72.1
67 72.8 68.3 102.5
52 29.8 29.6 44.4

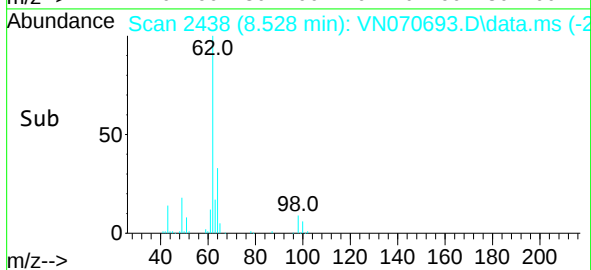
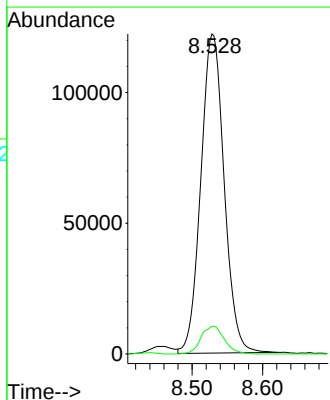
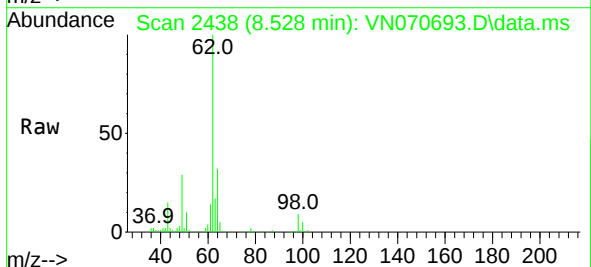
Manual Integrations
APPROVED

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



#42
1,2-Dichloroethane
Concen: 20.074 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

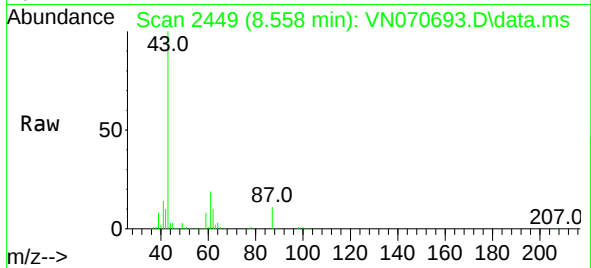
Tgt Ion: 62 Resp: 280475
Ion Ratio Lower Upper
62 100
98 8.7 0.0 17.6





#43
Isopropyl Acetate
Concen: 19.012 ug/l
RT: 8.558 min Scan# 2449
Delta R.T. -0.002 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

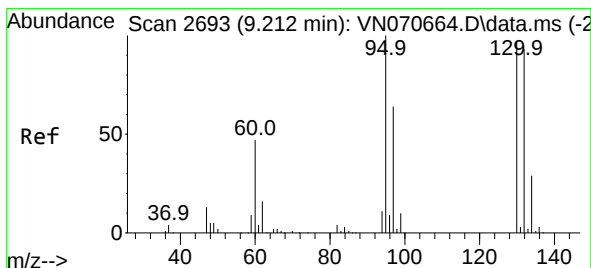
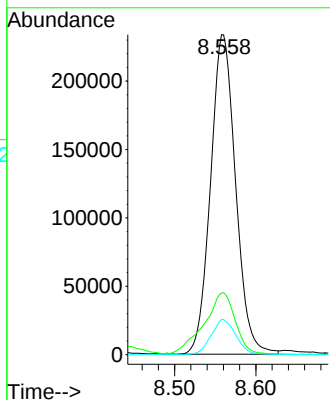
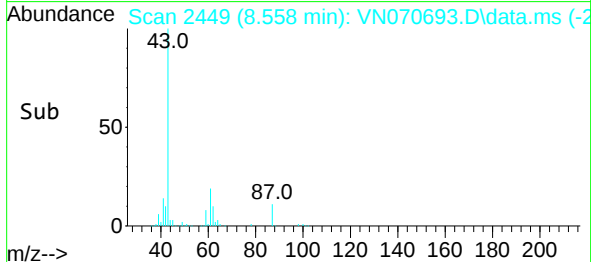
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



Tgt Ion: 43 Resp: 501344
Ion Ratio Lower Upper
43 100
61 23.9 20.4 30.6
87 11.0 11.2 16.8

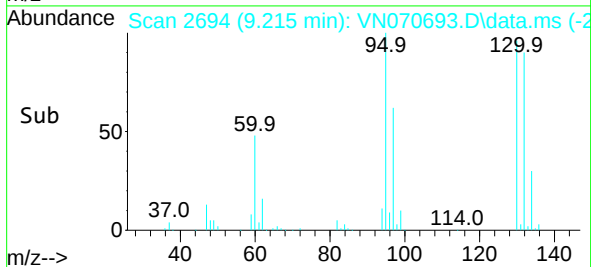
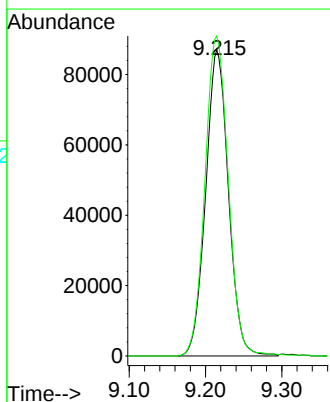
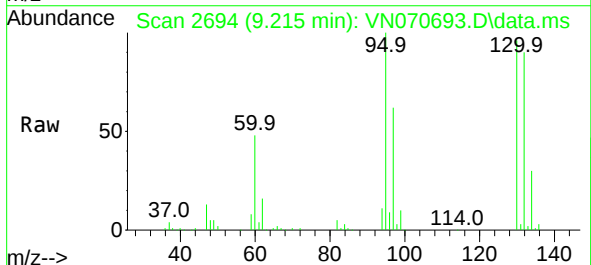
Manual Integrations
APPROVED

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



#44
Trichloroethene
Concen: 19.720 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. 0.003 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

Tgt Ion:130 Resp: 180137
Ion Ratio Lower Upper
130 100
95 104.6 0.0 191.2





#45

1,2-Dichloropropane

Concen: 19.935 ug/l

RT: 9.488 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070693.D

Acq: 19 Jan 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0119WBS01

Tgt Ion: 63 Resp: 21855

Ion Ratio Lower Upper

63 100

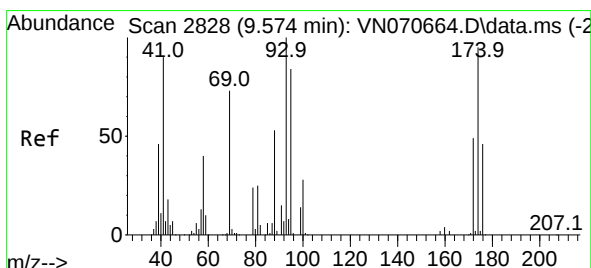
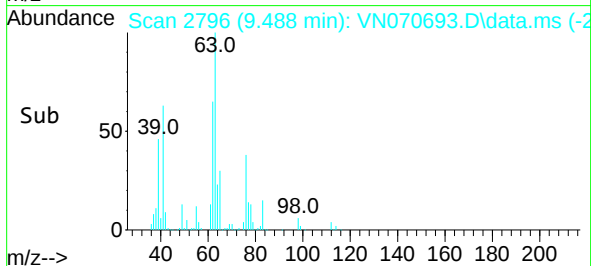
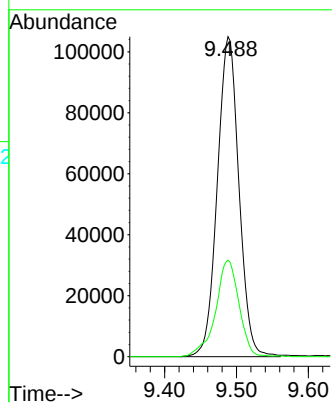
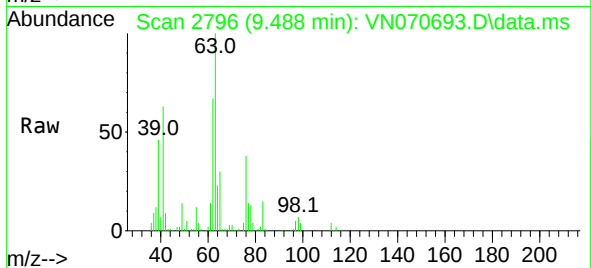
65 30.1 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2022

Supervised By :Mahesh Dadoda 01/20/2022



#46

Dibromomethane

Concen: 19.724 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.003 min

Lab File: VN070693.D

Acq: 19 Jan 2022 12:19

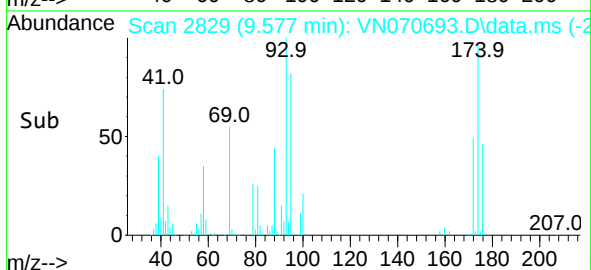
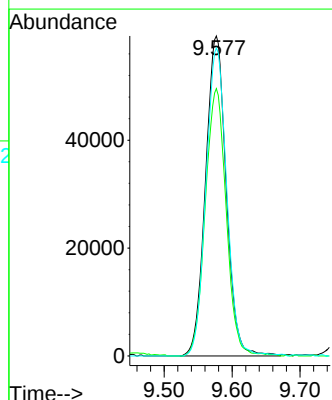
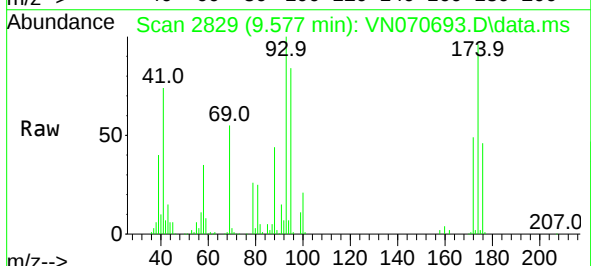
Tgt Ion: 93 Resp: 125733

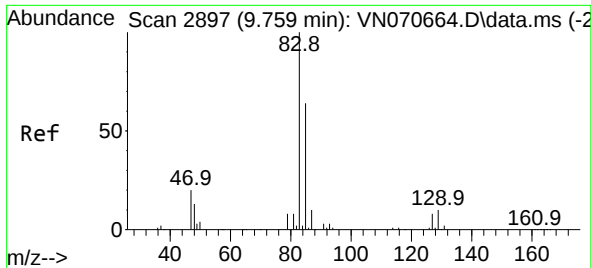
Ion Ratio Lower Upper

93 100

95 84.2 65.9 98.9

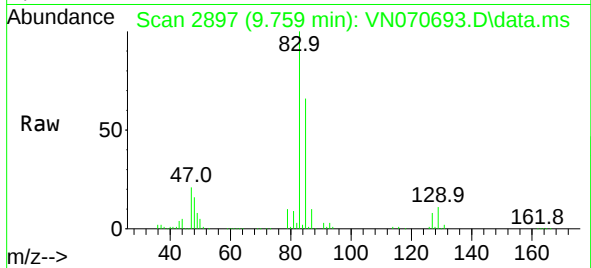
174 96.7 84.6 127.0





#47
Bromodichloromethane
Concen: 19.551 ug/l
RT: 9.759 min Scan# 2897
Delta R.T. 0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

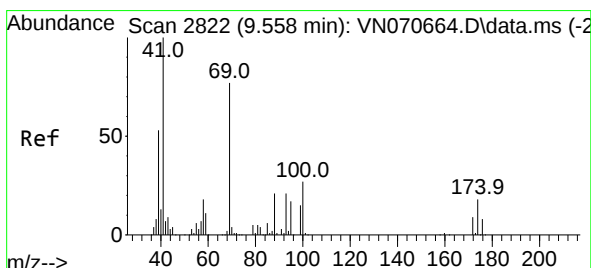
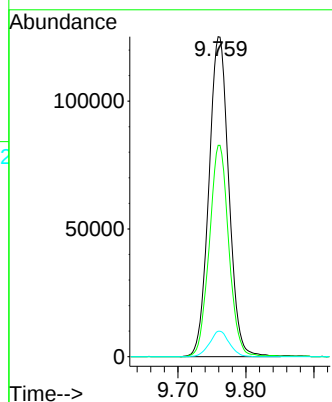
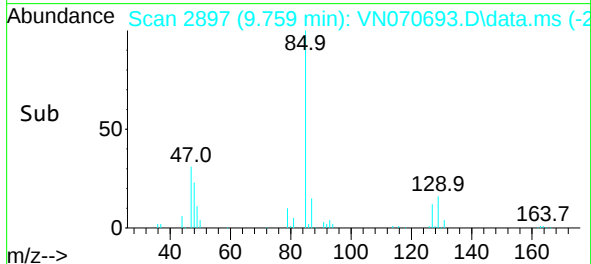
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



Tgt Ion: 83 Resp: 25476
Ion Ratio Lower Upper
83 100
85 66.1 50.9 76.3
127 8.0 7.1 10.7

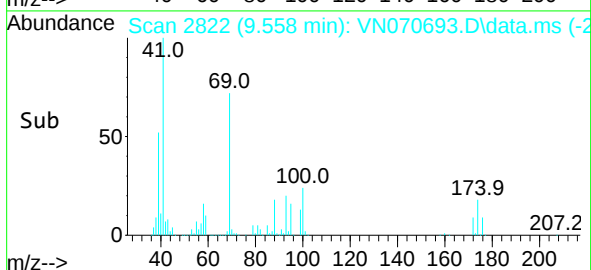
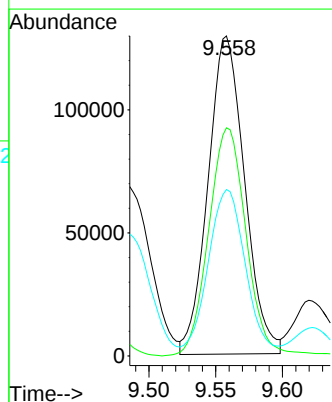
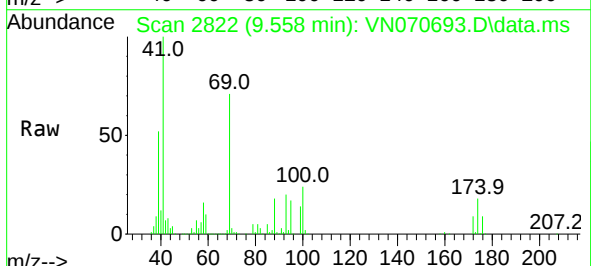
Manual Integrations
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Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#48
Methyl methacrylate
Concen: 19.591 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. 0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

Tgt Ion: 41 Resp: 246115
Ion Ratio Lower Upper
41 100
69 74.1 72.4 108.6
39 48.6 58.4 87.6#





#49

1,4-Dioxane

Concen: 364.636 ug/l

RT: 9.566 min Scan# 2826

Delta R.T. -0.003 min

Lab File: VN070693.D

Acq: 19 Jan 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0119WBS01

Tgt Ion: 88 Resp: 68809

Ion Ratio Lower Upper

88 100

43 33.7 23.4 35.2

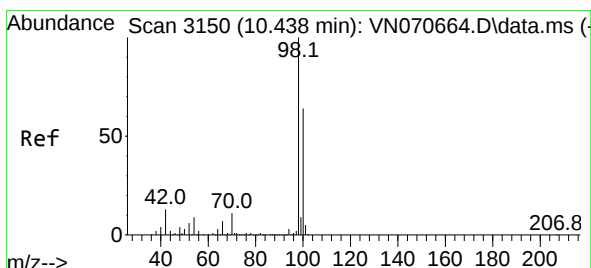
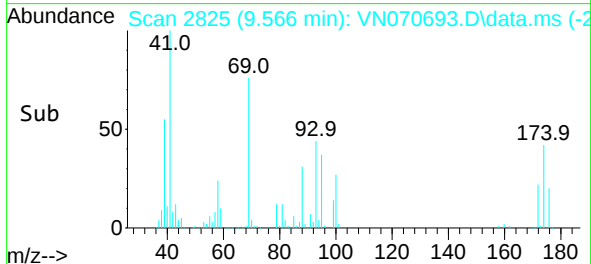
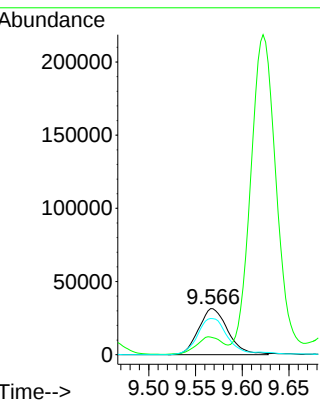
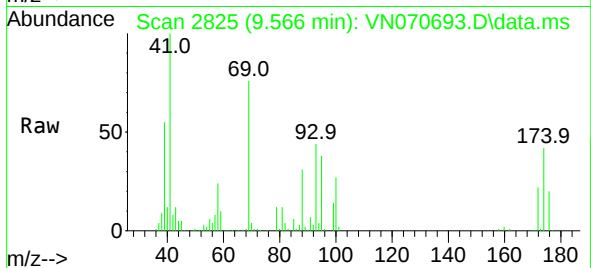
58 79.4 50.6 75.8

Manual Integrations

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Reviewed By :John Carlone 01/20/2022

Supervised By :Mahesh Dadoda 01/20/2022



#50

Toluene-d8

Concen: 53.081 ug/l

RT: 10.440 min Scan# 3151

Delta R.T. 0.002 min

Lab File: VN070693.D

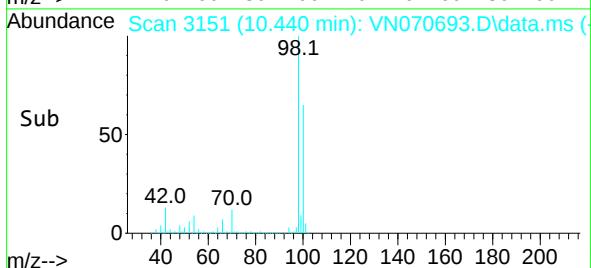
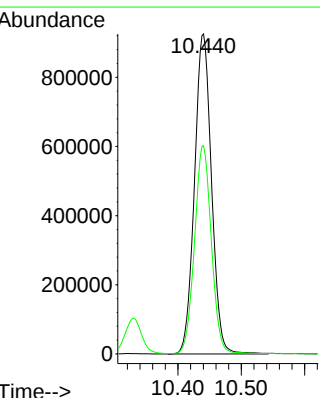
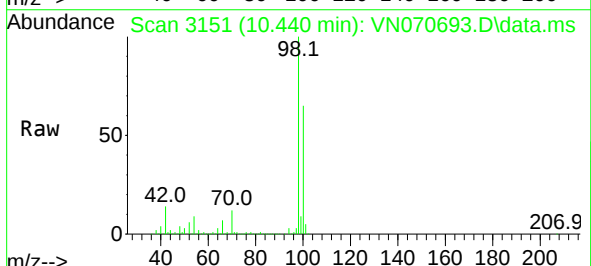
Acq: 19 Jan 2022 12:19

Tgt Ion: 98 Resp: 1727391

Ion Ratio Lower Upper

98 100

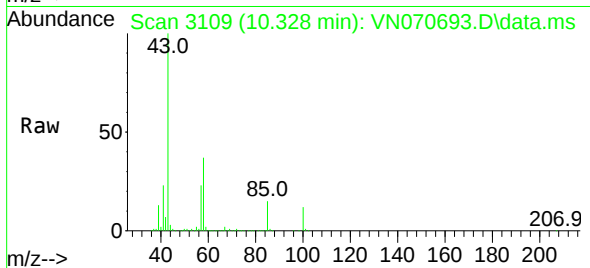
100 64.2 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 94.694 ug/l
RT: 10.328 min Scan# 3109
Delta R.T. -0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

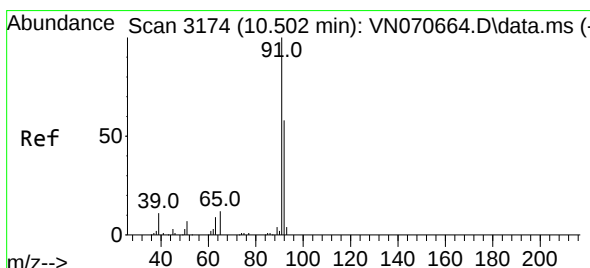
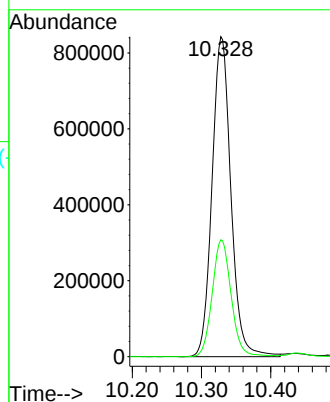
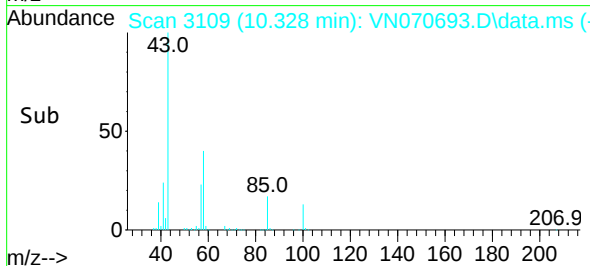
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



Tgt Ion: 43 Resp: 159340
Ion Ratio Lower Upper
43 100
58 36.8 30.4 45.6

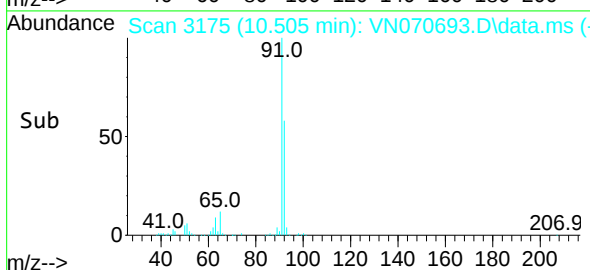
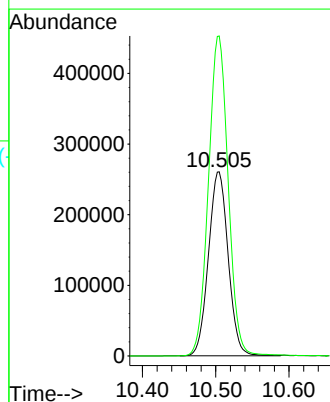
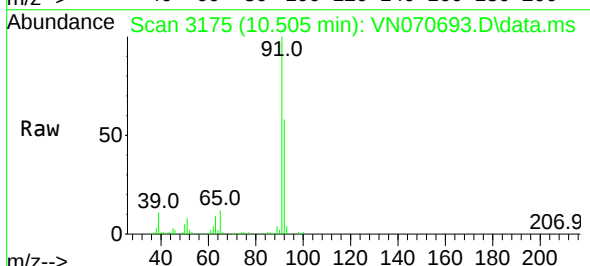
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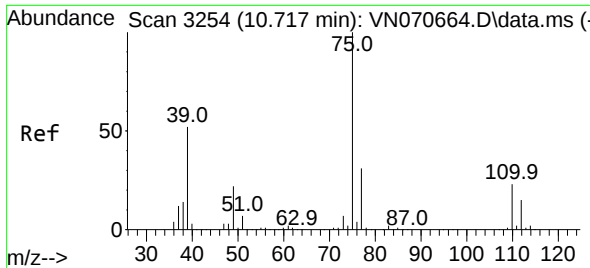
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#52
Toluene
Concen: 20.168 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. 0.003 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

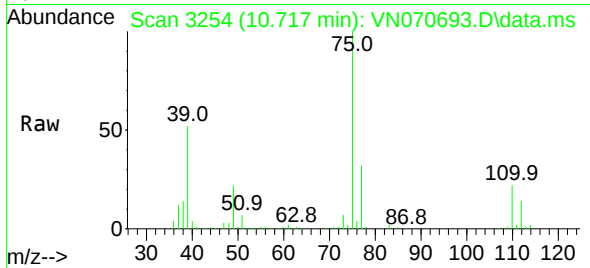
Tgt Ion: 92 Resp: 486126
Ion Ratio Lower Upper
92 100
91 174.7 142.0 213.0





#53
 t-1,3-Dichloropropene
 Concen: 19.069 ug/l
 RT: 10.717 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VN070693.D
 Acq: 19 Jan 2022 12:19

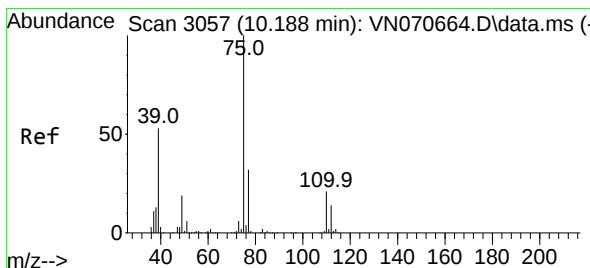
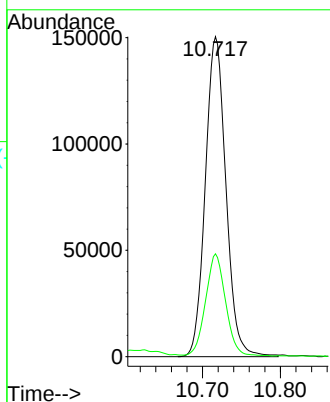
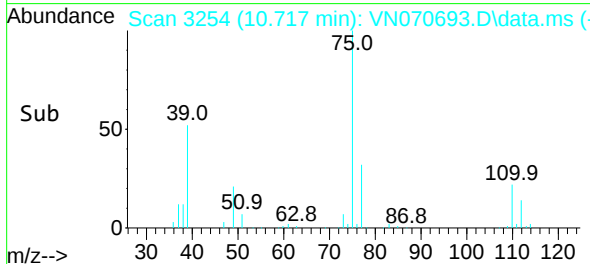
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119WBS01



Tgt Ion: 75 Resp: 276652
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.6 38.4

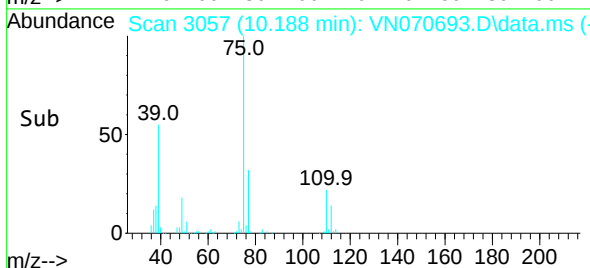
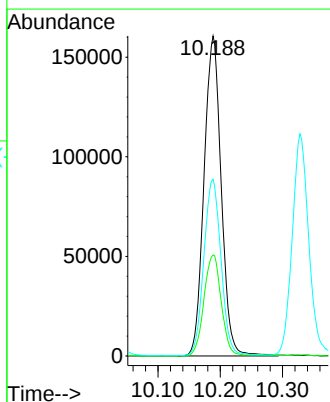
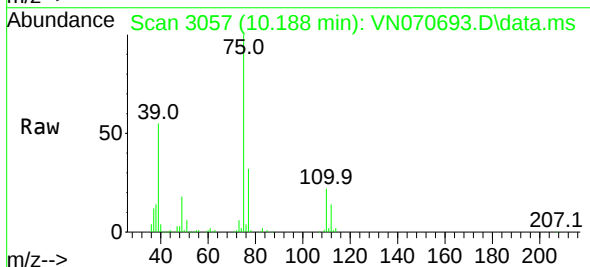
Manual Integrations
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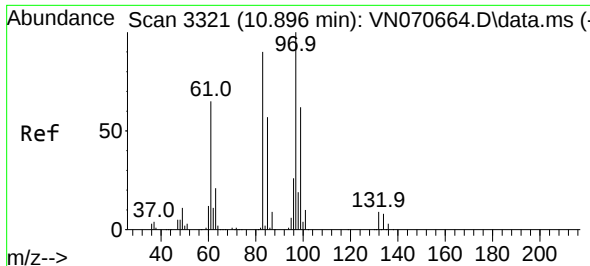
Reviewed By :John Carlone 01/20/2022
 Supervised By :Mahesh Dadoda 01/20/2022



#54
 cis-1,3-Dichloropropene
 Concen: 19.731 ug/l
 RT: 10.188 min Scan# 3057
 Delta R.T. 0.000 min
 Lab File: VN070693.D
 Acq: 19 Jan 2022 12:19

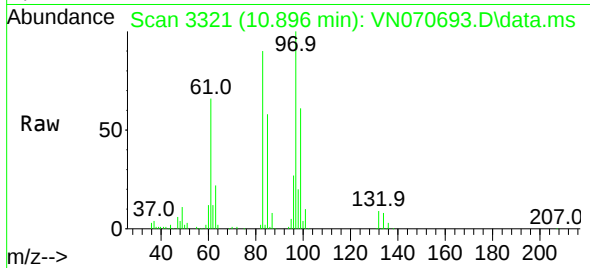
Tgt Ion: 75 Resp: 308341
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.4 39.6
 39 55.1 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 19.559 ug/l
RT: 10.896 min Scan# 3321
Delta R.T. 0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

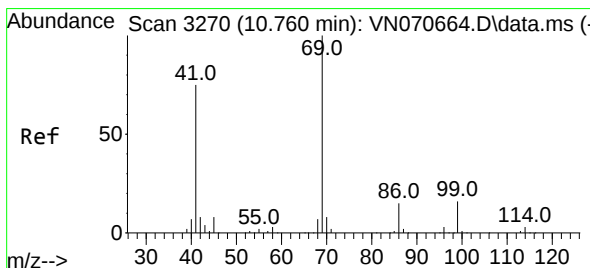
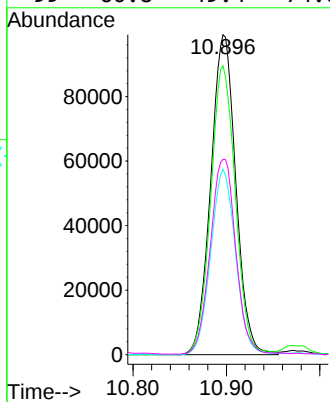
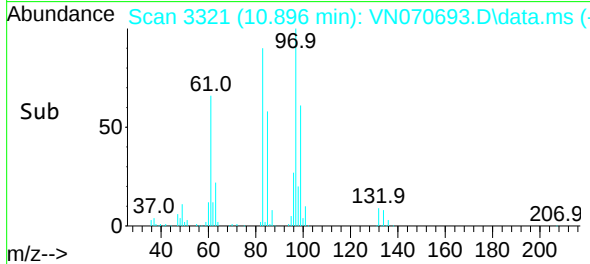
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



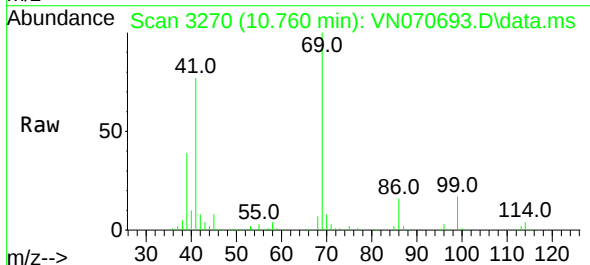
Tgt Ion: 97 Resp: 18520
Ion Ratio Lower Upper
97 100
83 90.3 67.8 101.6
85 57.9 45.4 68.2
99 60.8 49.4 74.0

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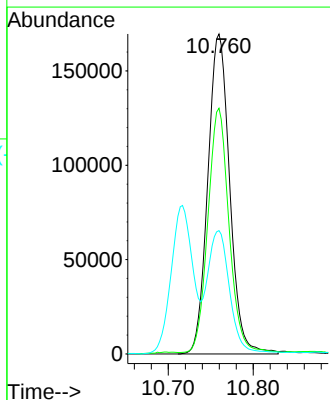
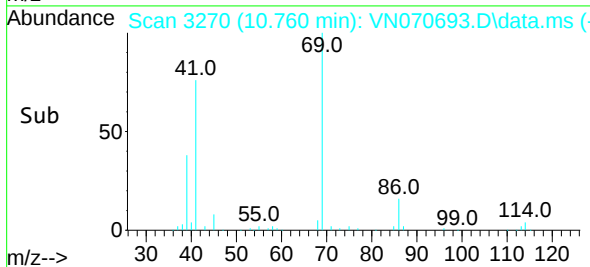
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

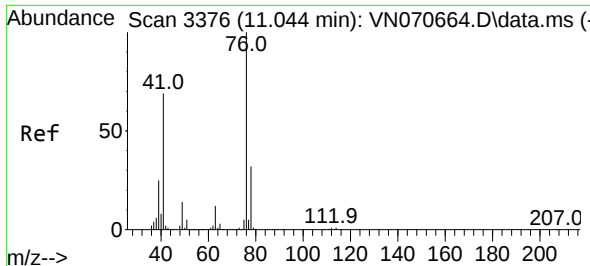


#56
Ethyl methacrylate
Concen: 18.355 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19



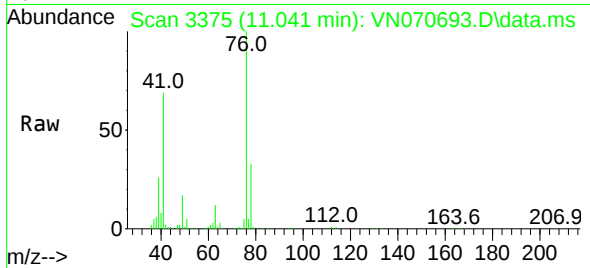
Tgt Ion: 69 Resp: 303040
Ion Ratio Lower Upper
69 100
41 73.7 51.4 77.0
39 38.6 34.6 52.0





#57
1,3-Dichloropropane
Concen: 19.856 ug/l
RT: 11.041 min Scan# 3376
Delta R.T. -0.003 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

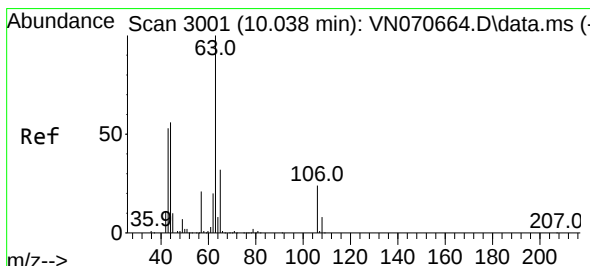
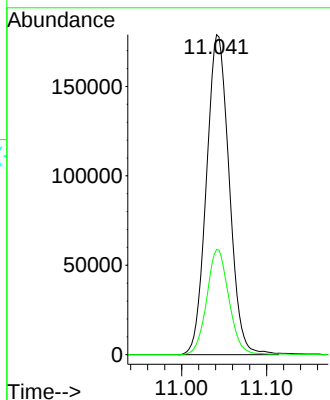
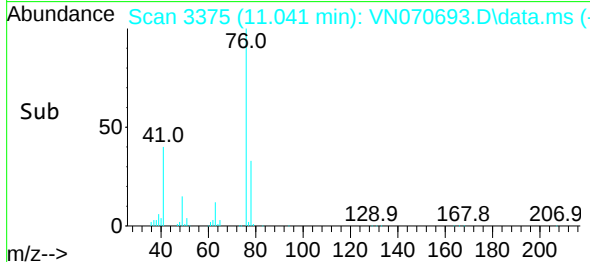
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



Tgt Ion: 76 Resp: 332836
Ion Ratio Lower Upper
76 100
78 32.2 25.7 38.5

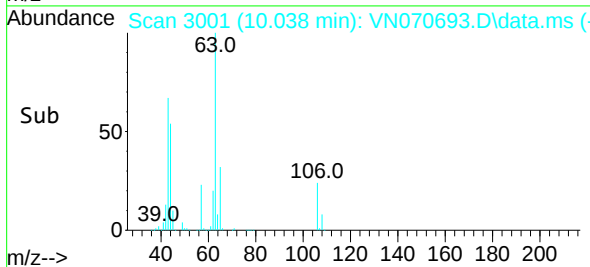
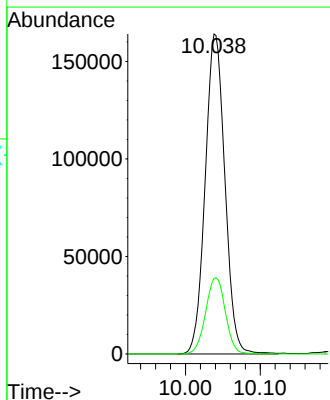
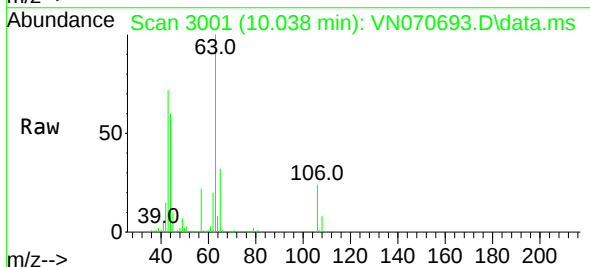
Manual Integrations
APPROVED

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



#58
2-Chloroethyl Vinyl ether
Concen: 81.350 ug/l
RT: 10.038 min Scan# 3001
Delta R.T. 0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

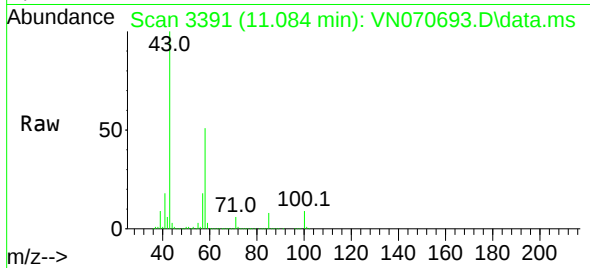
Tgt Ion: 63 Resp: 300119
Ion Ratio Lower Upper
63 100
106 23.9 23.9 35.9#





#59
2-Hexanone
Concen: 92.633 ug/l
RT: 11.084 min Scan# 3391
Delta R.T. 0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

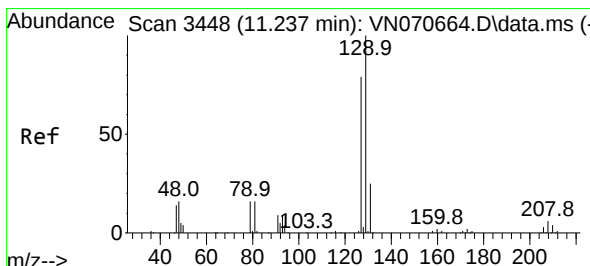
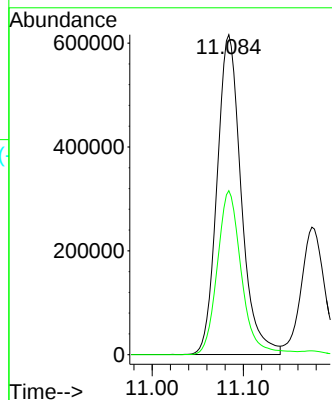
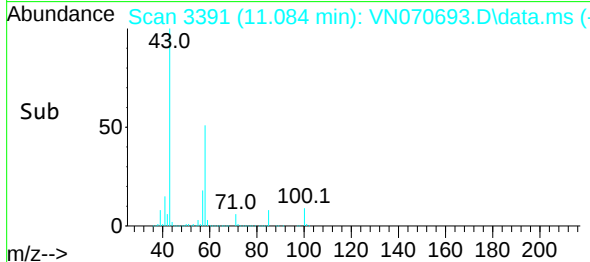
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



Tgt Ion: 43 Resp: 1132340
Ion Ratio Lower Upper
43 100
58 51.4 26.9 80.7

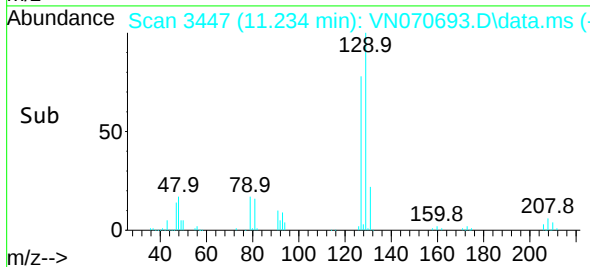
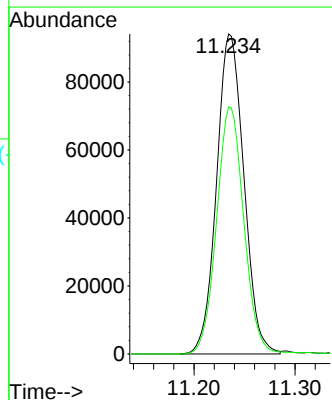
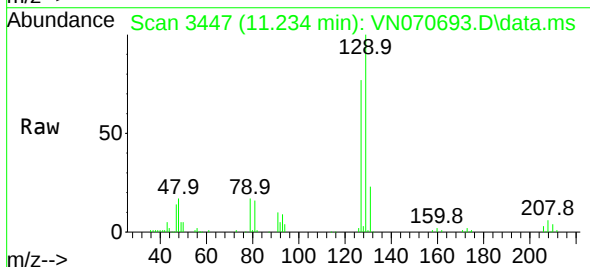
Manual Integrations
APPROVED

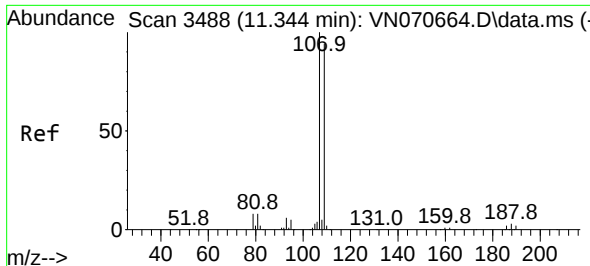
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#60
Dibromochloromethane
Concen: 19.995 ug/l
RT: 11.234 min Scan# 3447
Delta R.T. -0.003 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

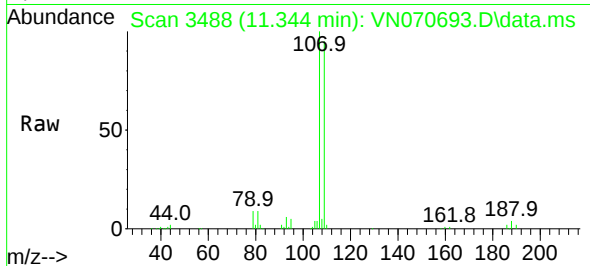
Tgt Ion:129 Resp: 176601
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 19.351 ug/l
RT: 11.344 min Scan# 3488
Delta R.T. 0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

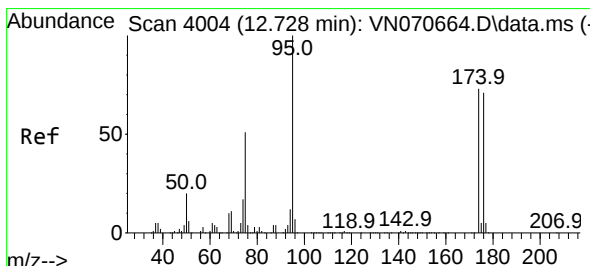
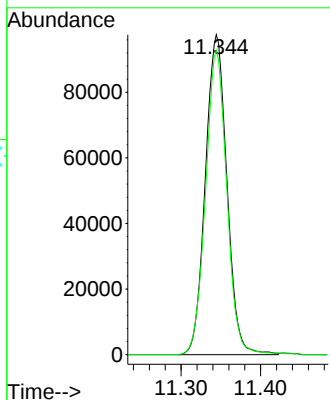
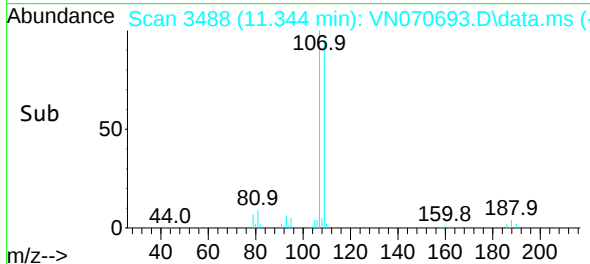
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



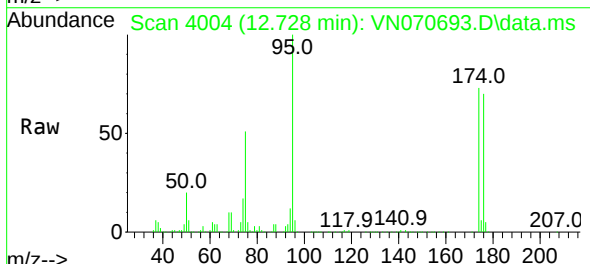
Tgt Ion:107 Resp: 183969
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5

Manual Integrations
APPROVED

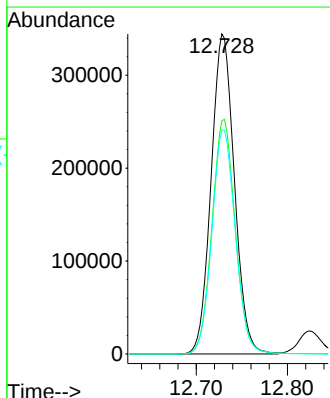
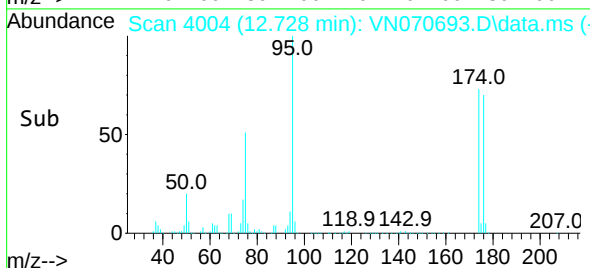
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

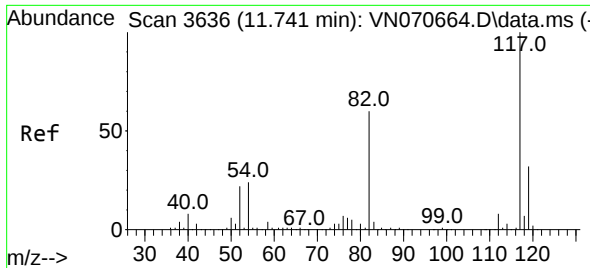


#62
4-Bromofluorobenzene
Concen: 52.595 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. 0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19



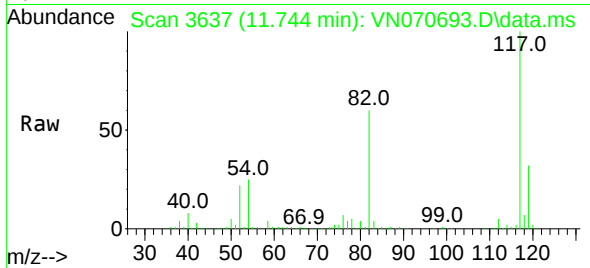
Tgt Ion: 95 Resp: 609908
Ion Ratio Lower Upper
95 100
174 73.4 0.0 187.2
176 70.6 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3636
Delta R.T. 0.003 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

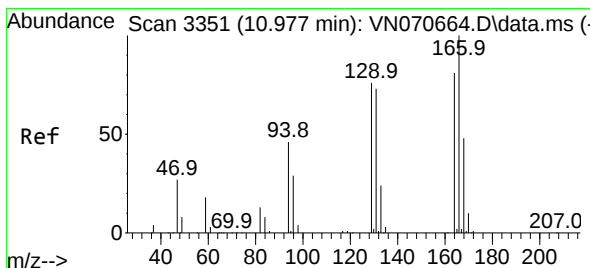
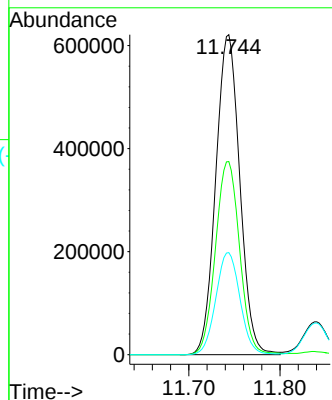
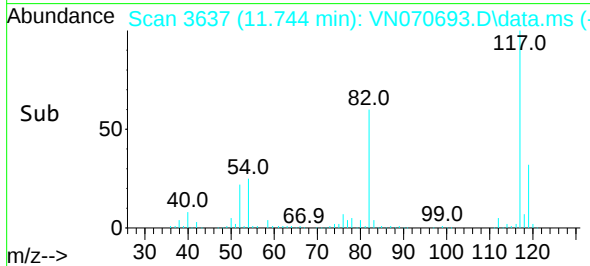
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



Tgt Ion:117 Resp: 1138099
Ion Ratio Lower Upper
117 100
82 60.4 42.4 63.6
119 31.9 25.4 38.2

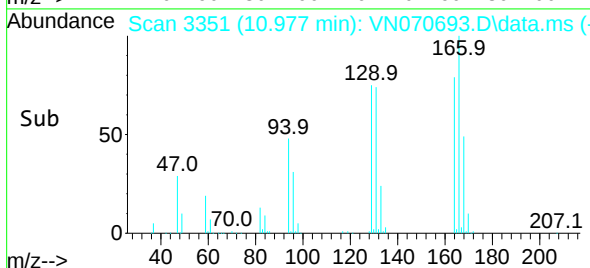
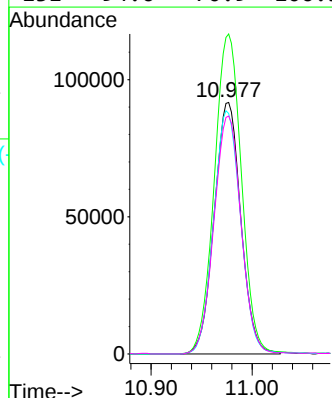
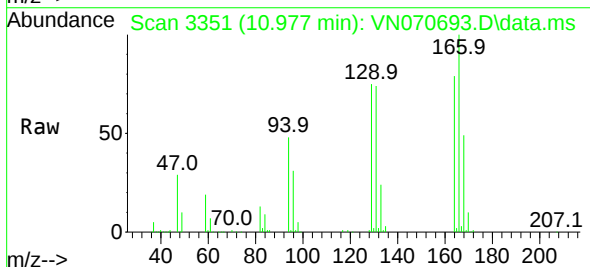
Manual Integrations
APPROVED

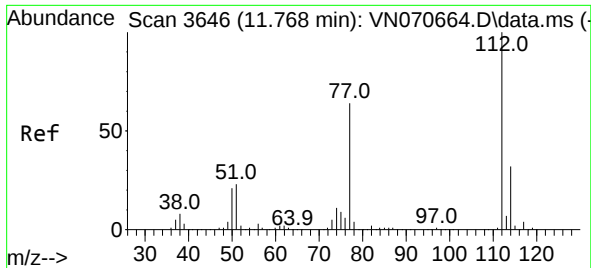
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#64
Tetrachloroethene
Concen: 20.118 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

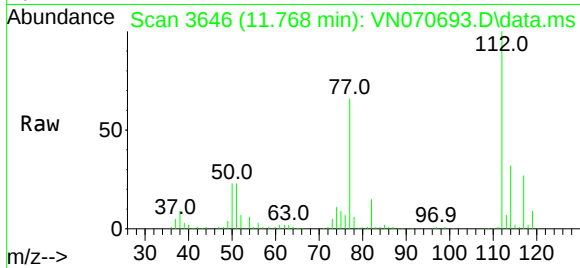
Tgt Ion:164 Resp: 167873
Ion Ratio Lower Upper
164 100
166 127.2 101.9 152.9
129 95.6 72.0 108.0
131 94.6 70.9 106.3





#65
Chlorobenzene
Concen: 19.770 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

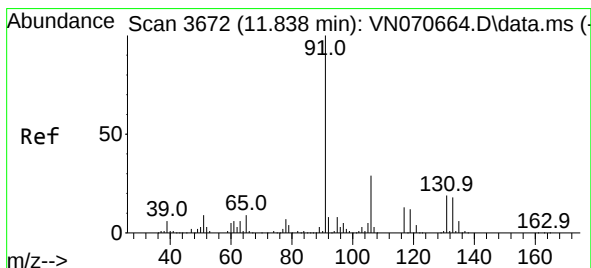
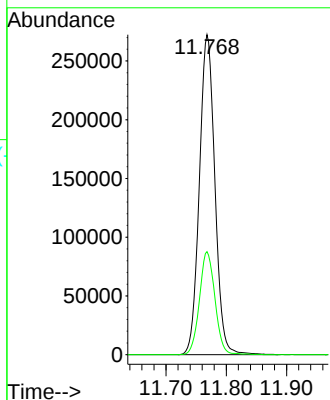
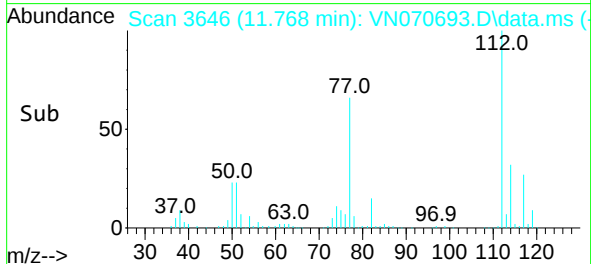
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



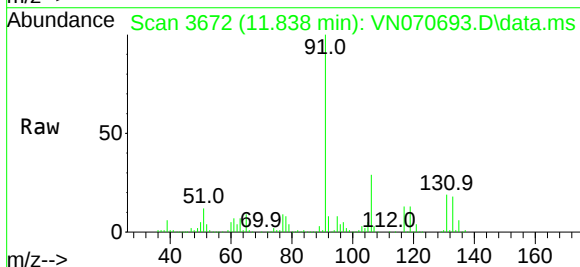
Tgt Ion:112 Resp: 487490
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0

Manual Integrations
APPROVED

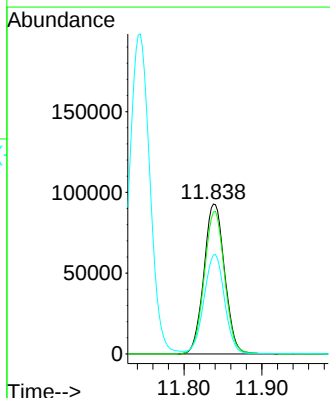
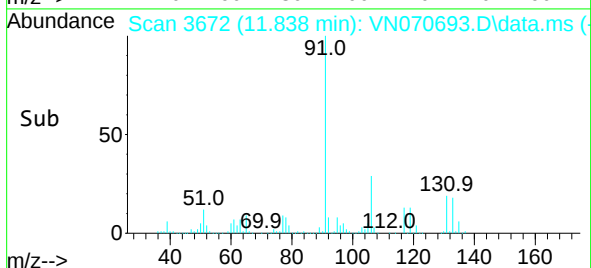
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

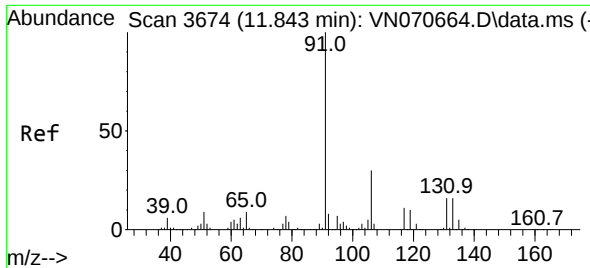


#66
1,1,1,2-Tetrachloroethane
Concen: 20.305 ug/l
RT: 11.838 min Scan# 3672
Delta R.T. -0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19



Tgt Ion:131 Resp: 172412
Ion Ratio Lower Upper
131 100
133 93.3 47.9 143.7
119 64.9 32.1 96.5





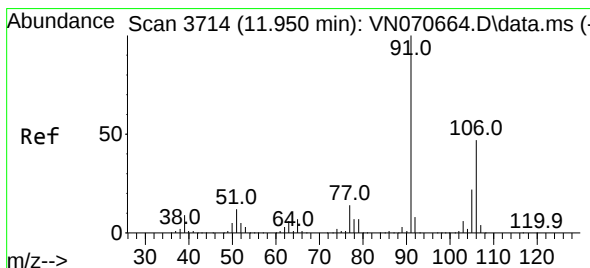
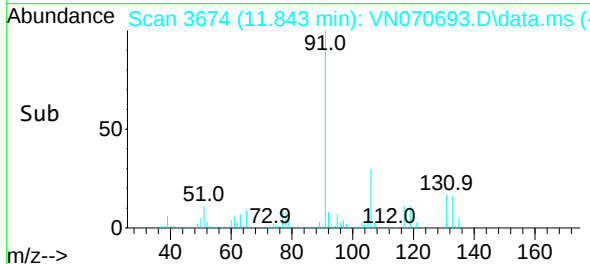
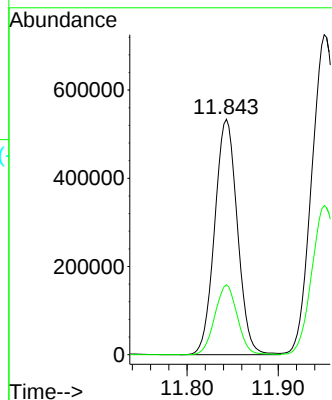
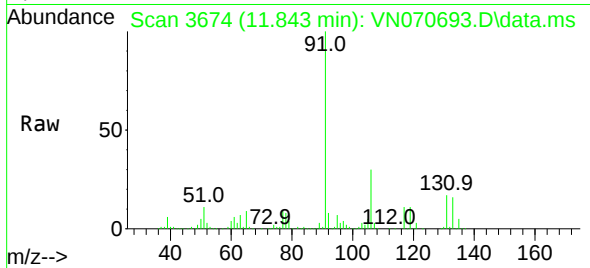
#67
Ethyl Benzene
Concen: 20.216 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01

Tgt Ion: 91 Resp: 92421
Ion Ratio Lower Upper
91 100
106 29.7 25.7 38.5

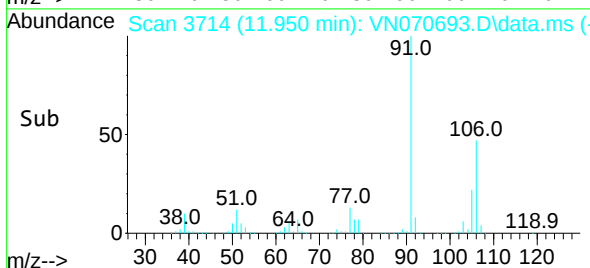
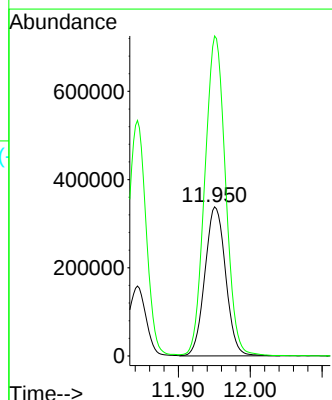
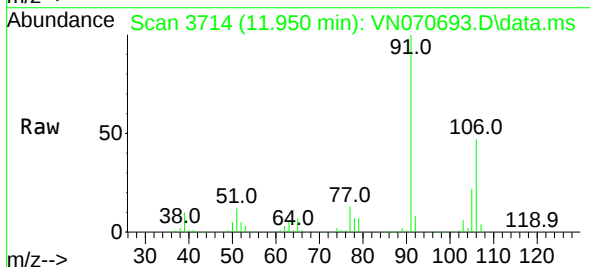
Manual Integrations
APPROVED

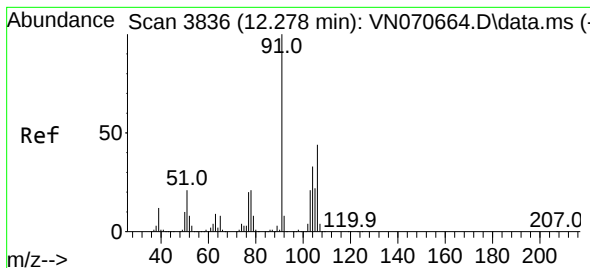
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#68
m/p-Xylenes
Concen: 40.799 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. 0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

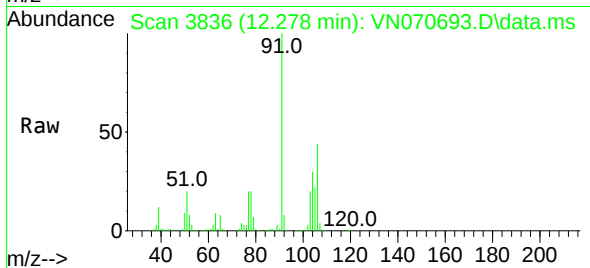
Tgt Ion:106 Resp: 678533
Ion Ratio Lower Upper
106 100
91 214.8 160.6 240.8





#69
o-Xylene
Concen: 20.122 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

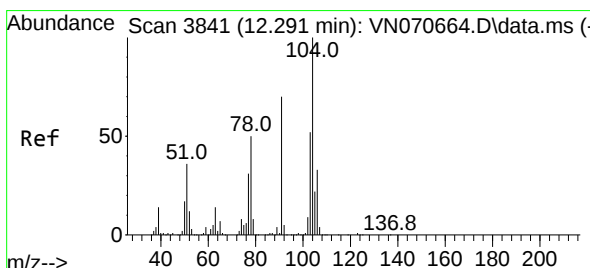
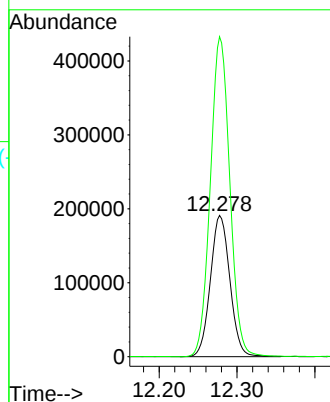
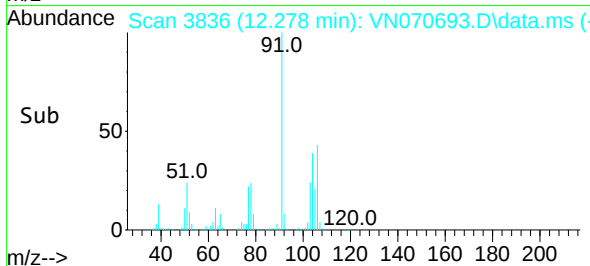
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



Tgt Ion:106 Resp: 332112
Ion Ratio Lower Upper
106 100
91 226.7 105.8 317.3

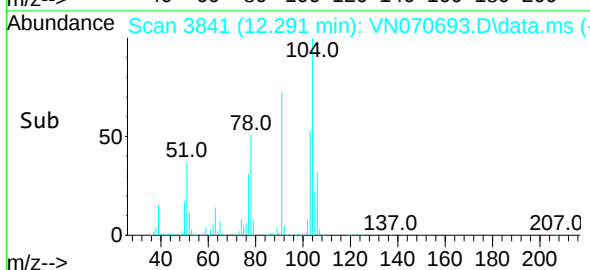
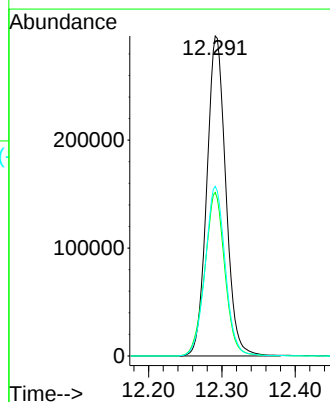
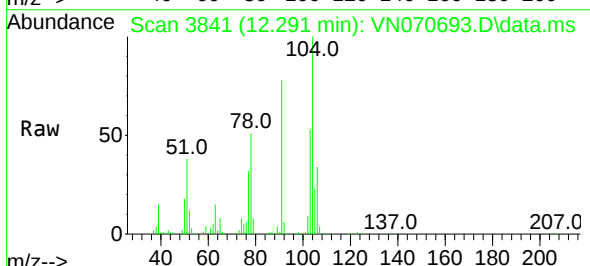
Manual Integrations
APPROVED

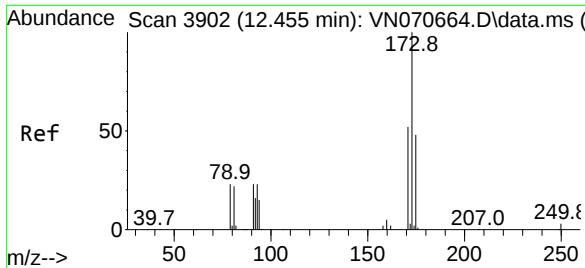
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022



#70
Styrene
Concen: 20.192 ug/l
RT: 12.291 min Scan# 3841
Delta R.T. -0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

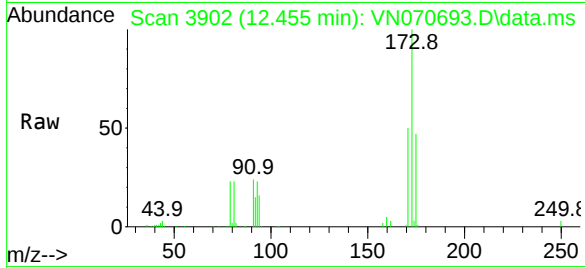
Tgt Ion:104 Resp: 533133
Ion Ratio Lower Upper
104 100
78 54.1 38.7 58.1
103 56.2 45.0 67.6





#71
Bromoform
Concen: 19.464 ug/l
RT: 12.455 min Scan# 3902
Delta R.T. -0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

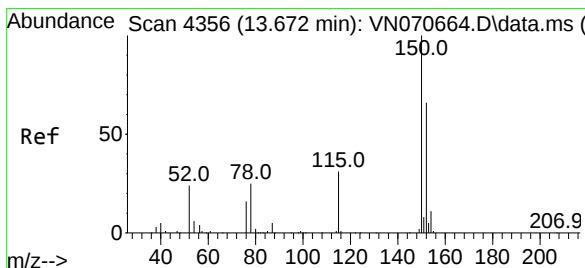
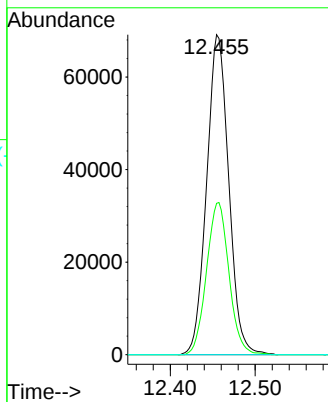
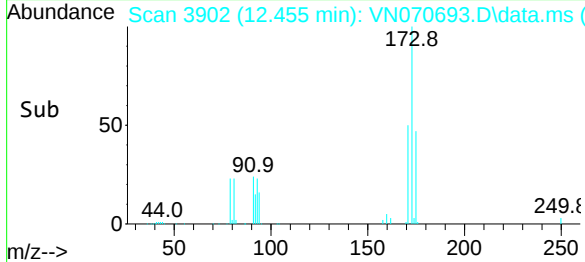
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



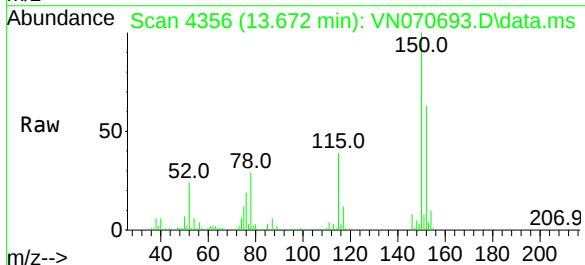
Tgt Ion:173 Resp: 12484
Ion Ratio Lower Upper
173 100
175 48.4 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

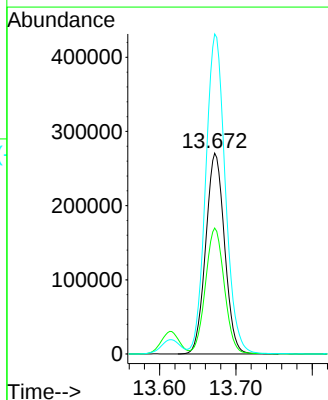
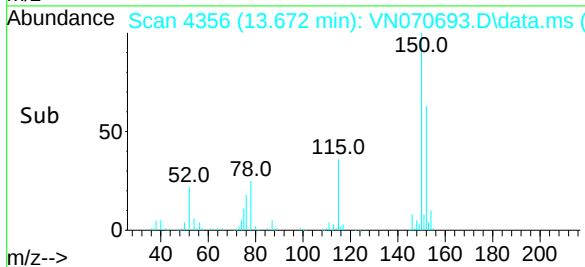
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

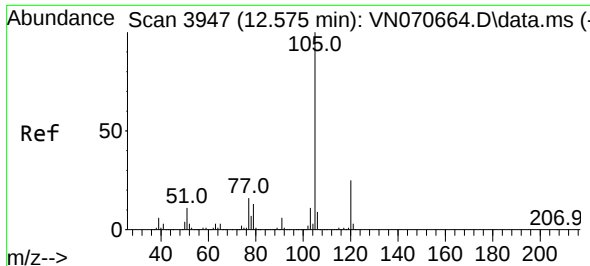


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19



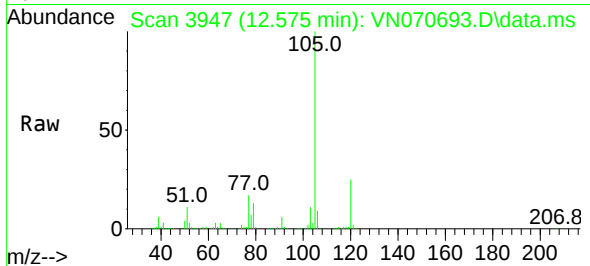
Tgt Ion:152 Resp: 464683
Ion Ratio Lower Upper
152 100
115 62.8 27.5 82.5
150 166.0 0.0 344.4





#73
Isopropylbenzene
Concen: 19.903 ug/l
RT: 12.575 min Scan# 3947
Delta R.T. 0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

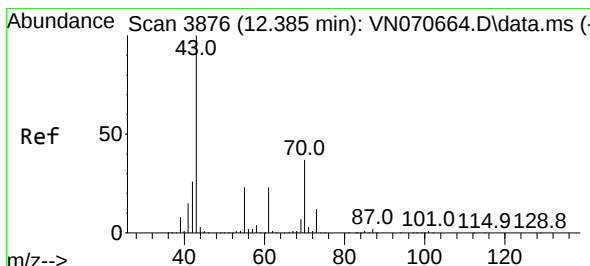
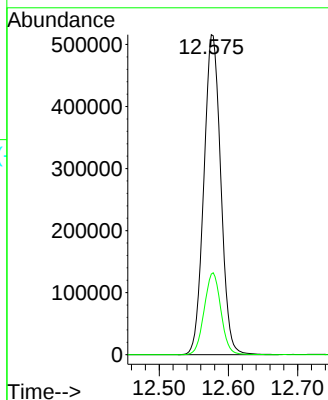
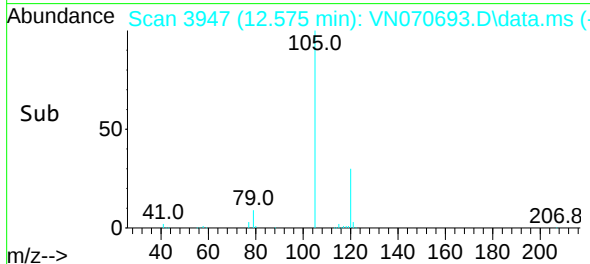
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



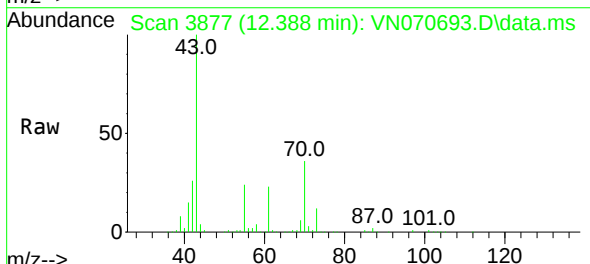
Tgt Ion:105 Resp: 874940
Ion Ratio Lower Upper
105 100
120 25.3 13.4 40.1

Manual Integrations
APPROVED

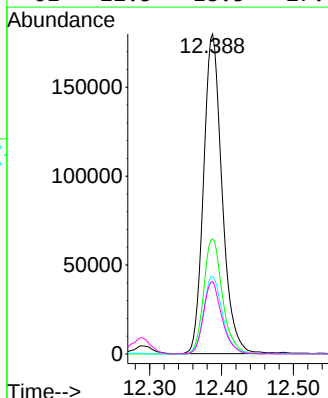
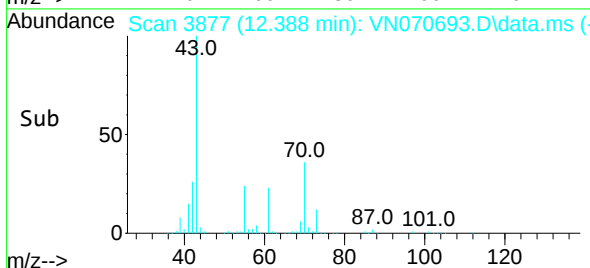
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

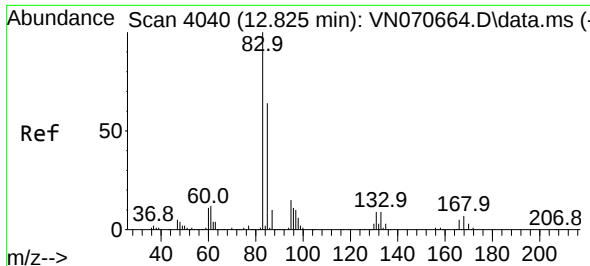


#74
N-ethyl acetate
Concen: 17.929 ug/l
RT: 12.388 min Scan# 3877
Delta R.T. 0.003 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19



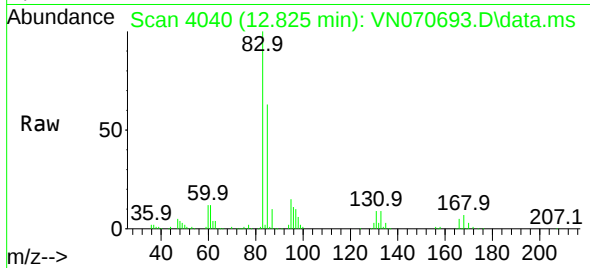
Tgt Ion: 43 Resp: 322256
Ion Ratio Lower Upper
43 100
70 36.5 33.4 50.0
55 24.7 19.3 28.9
61 22.5 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.554 ug/l
RT: 12.825 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

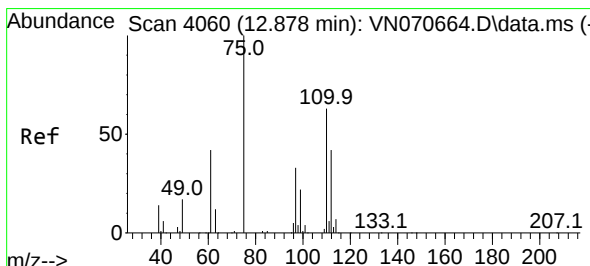
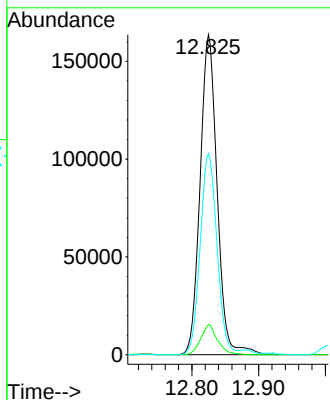
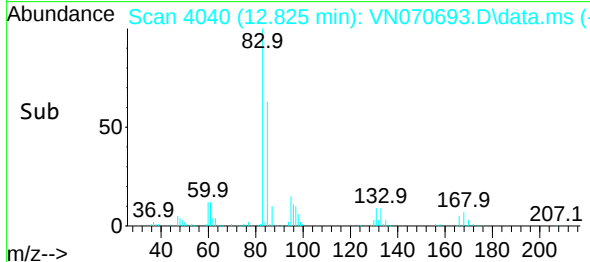
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



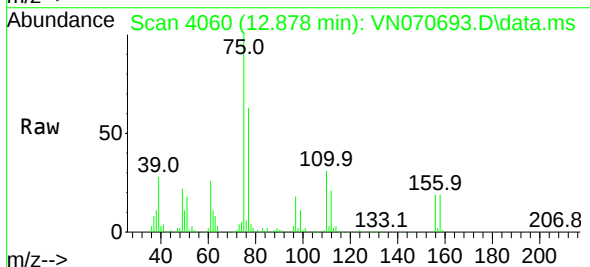
Tgt Ion: 83 Resp: 29031
Ion Ratio Lower Upper
83 100
131 9.2 5.5 16.5
85 62.1 32.4 97.2

Manual Integrations
APPROVED

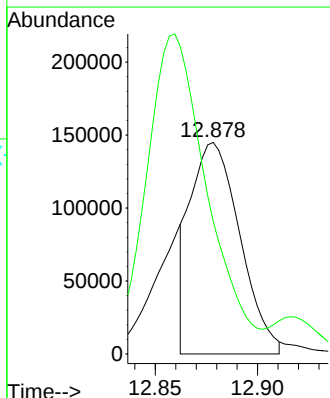
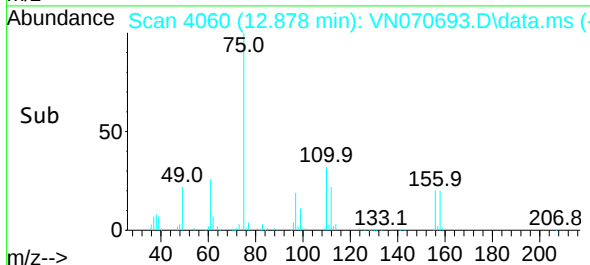
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

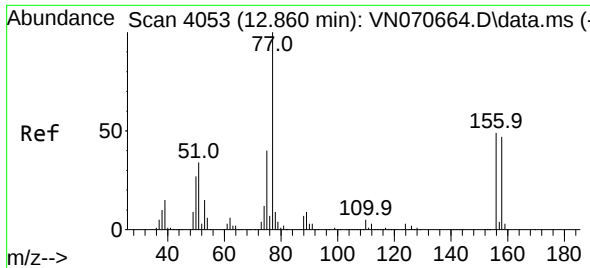


#76
1,2,3-Trichloropropane
Concen: 19.701 ug/l m
RT: 12.878 min Scan# 4060
Delta R.T. 0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19



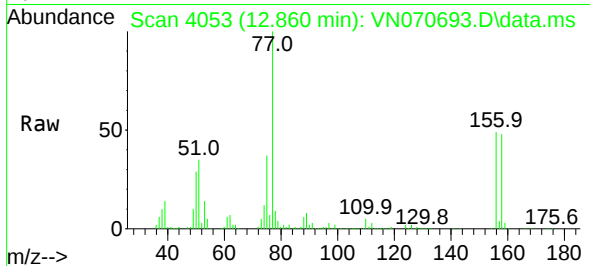
Tgt Ion: 75 Resp: 242802
Ion Ratio Lower Upper
75 100
77 187.1 82.6 247.8





#77
Bromobenzene
Concen: 19.572 ug/l
RT: 12.860 min Scan# 4053
Delta R.T. -0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

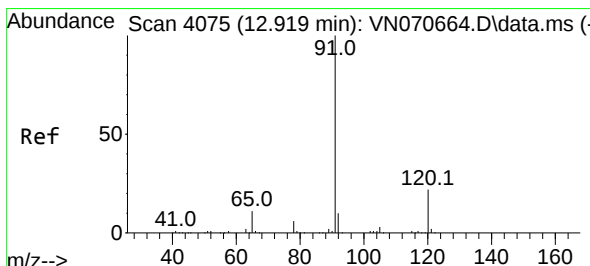
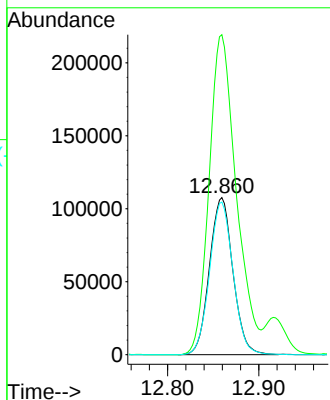
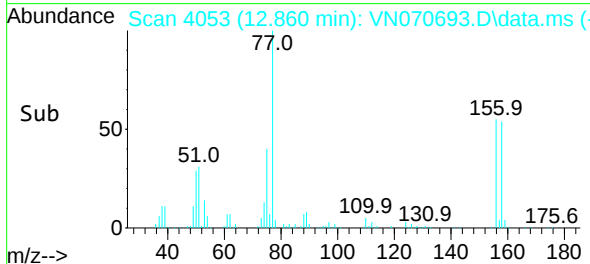
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



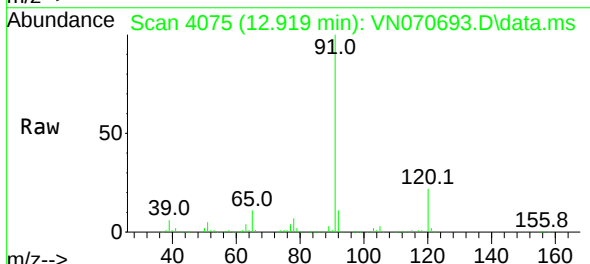
Tgt Ion:156 Resp: 192907
Ion Ratio Lower Upper
156 100
77 235.5 90.6 271.8
158 97.1 48.9 146.7

Manual Integrations
APPROVED

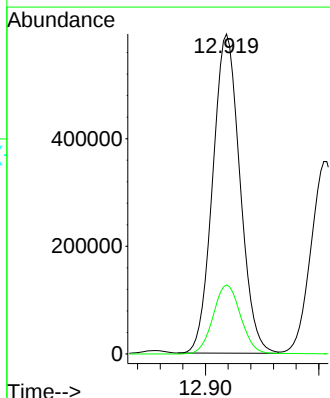
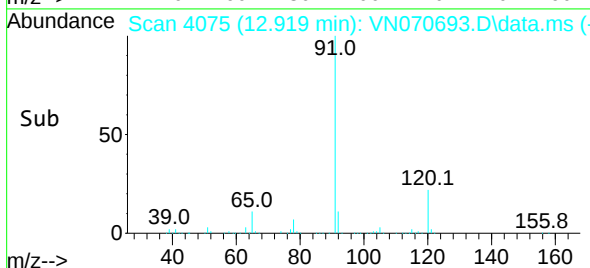
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

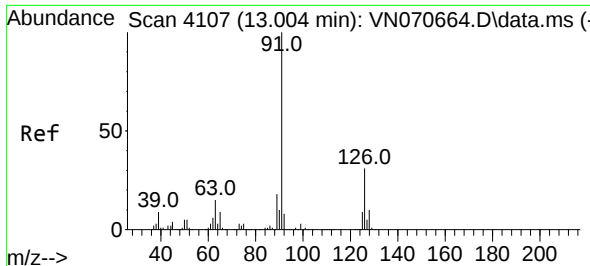


#78
n-propylbenzene
Concen: 20.128 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19



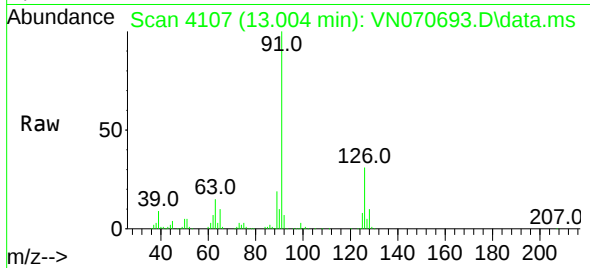
Tgt Ion: 91 Resp: 989567
Ion Ratio Lower Upper
91 100
120 21.9 11.9 35.9





#79
2-Chlorotoluene
Concen: 19.950 ug/l
RT: 13.004 min Scan# 4107
Delta R.T. 0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

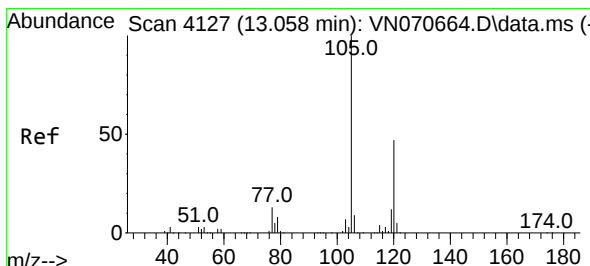
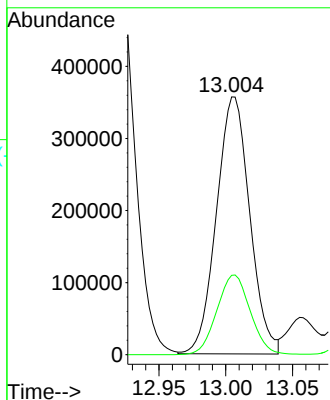
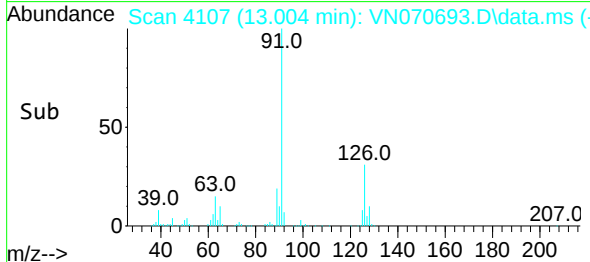
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



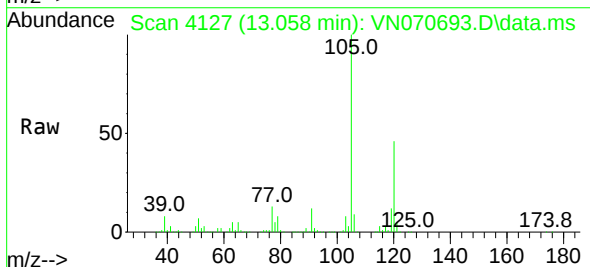
Tgt Ion: 91 Resp: 620440
Ion Ratio Lower Upper
91 100
126 31.1 18.3 54.8

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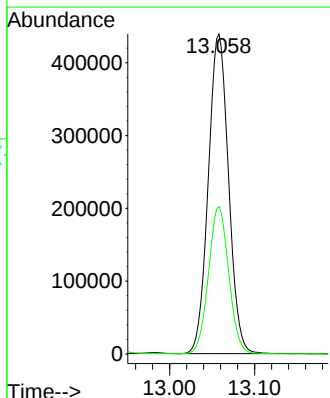
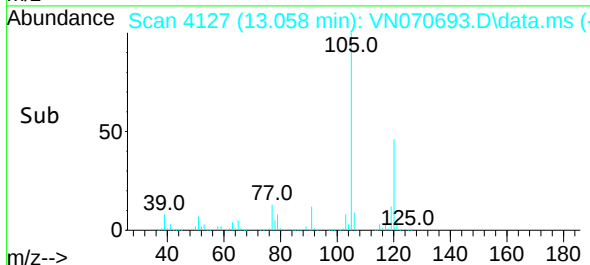
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

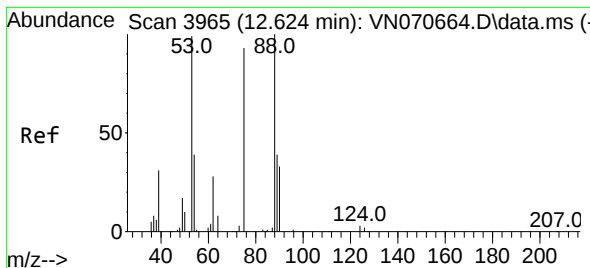


#80
1,3,5-Trimethylbenzene
Concen: 20.447 ug/l
RT: 13.058 min Scan# 4127
Delta R.T. 0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19



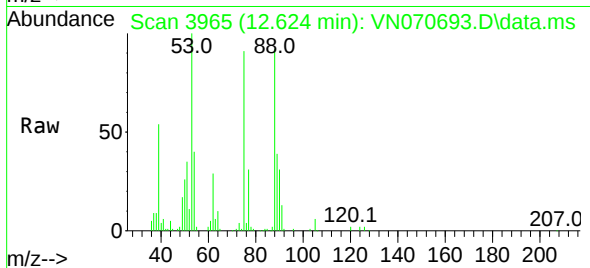
Tgt Ion:105 Resp: 726887
Ion Ratio Lower Upper
105 100
120 46.1 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 17.711 ug/l
RT: 12.624 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

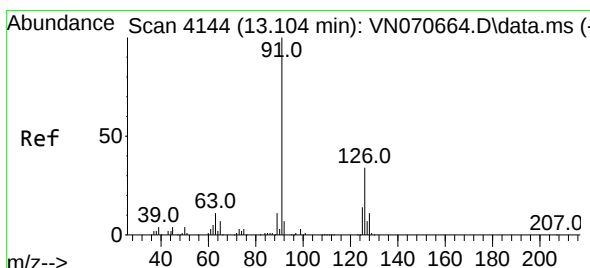
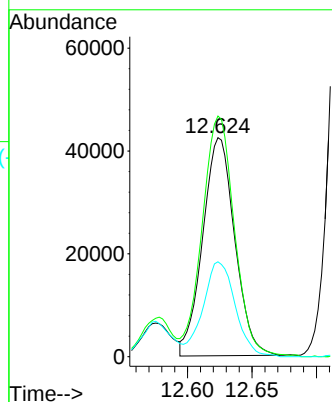
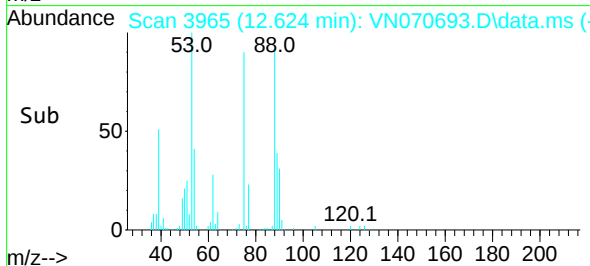
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



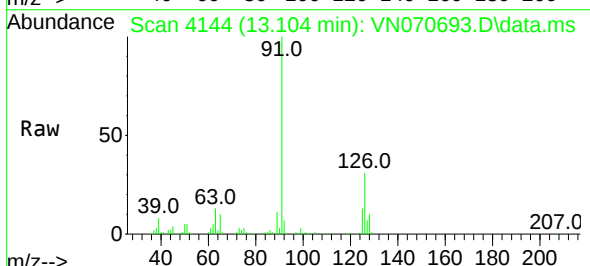
Tgt Ion: 75 Resp: 73270
Ion Ratio Lower Upper
75 100
53 111.4 90.5 135.7
89 43.7 38.2 57.4

Manual Integrations
APPROVED

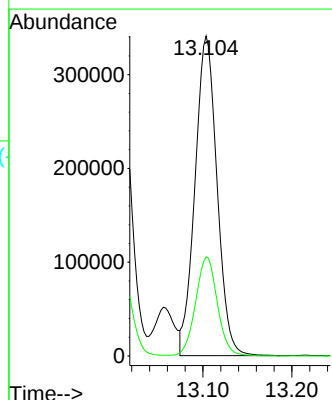
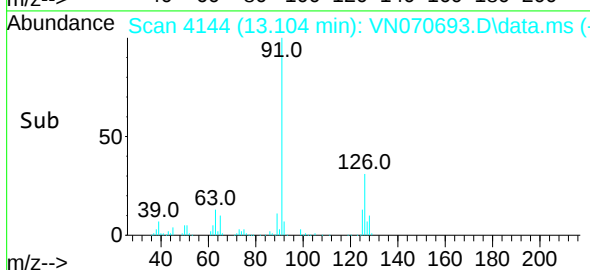
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

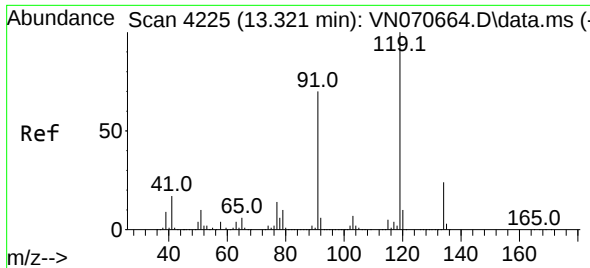


#82
4-Chlorotoluene
Concen: 20.133 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19



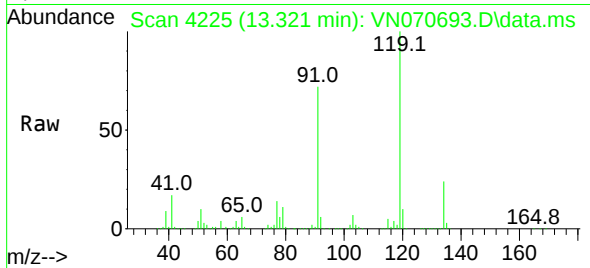
Tgt Ion: 91 Resp: 585019
Ion Ratio Lower Upper
91 100
126 30.9 18.2 54.6





#83
tert-Butylbenzene
Concen: 19.710 ug/l
RT: 13.321 min Scan# 4225
Delta R.T. -0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

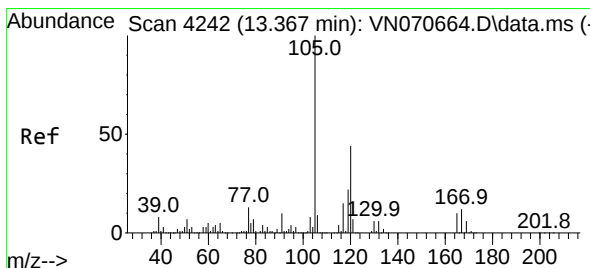
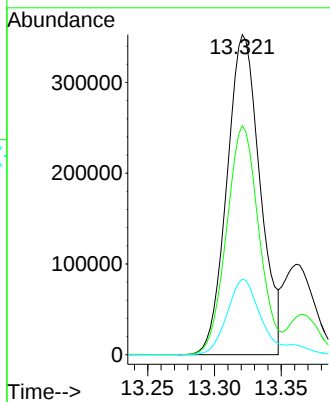
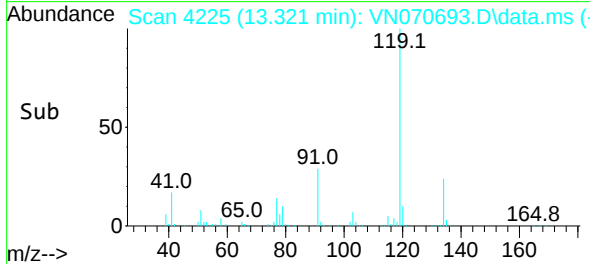
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



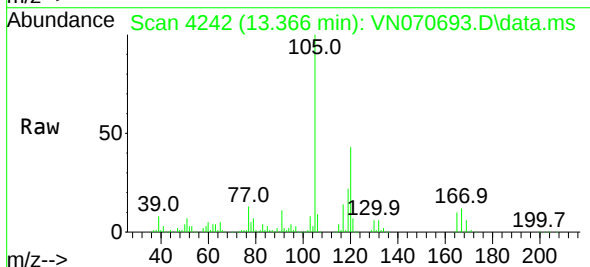
Tgt Ion:119 Resp: 609964
Ion Ratio Lower Upper
119 100
91 69.9 31.5 94.5
134 23.6 12.4 37.4

Manual Integrations
APPROVED

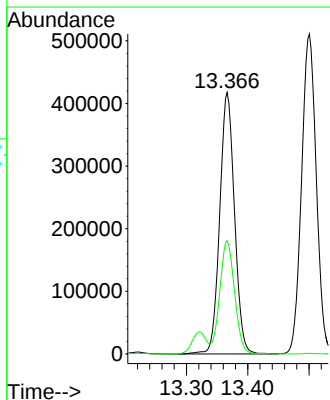
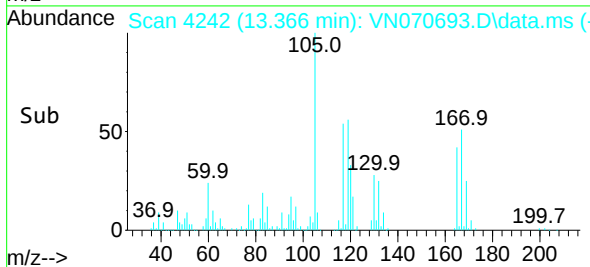
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

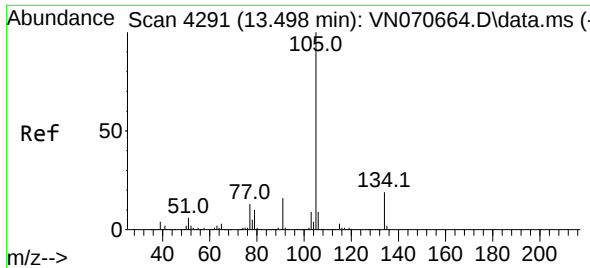


#84
1,2,4-Trimethylbenzene
Concen: 20.460 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. -0.001 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19



Tgt Ion:105 Resp: 699171
Ion Ratio Lower Upper
105 100
120 43.3 22.8 68.4





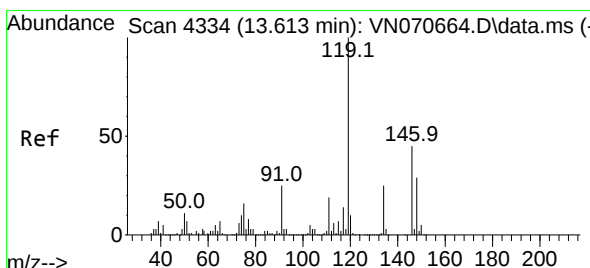
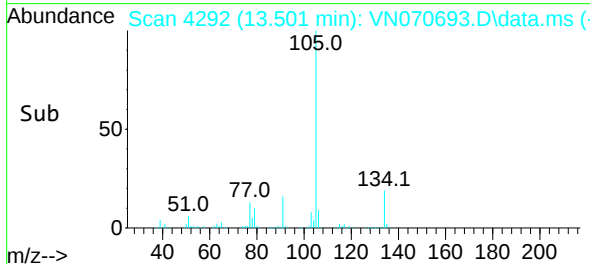
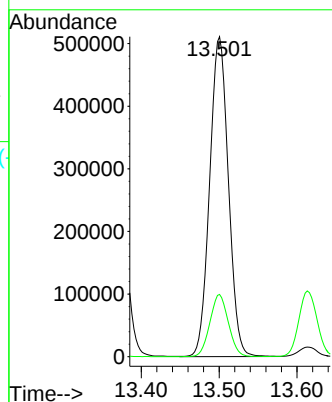
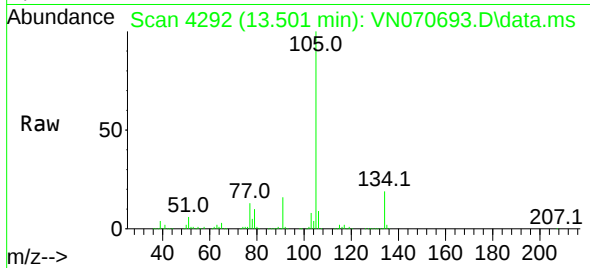
#85
 sec-Butylbenzene
 Concen: 20.284 ug/l
 RT: 13.501 min Scan# 4291
 Delta R.T. 0.003 min
 Lab File: VN070693.D
 Acq: 19 Jan 2022 12:19

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0119WBS01

Tgt Ion:105 Resp: 85336
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

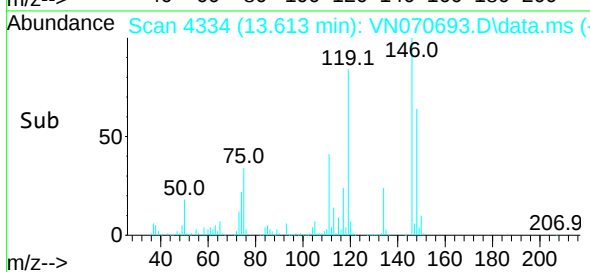
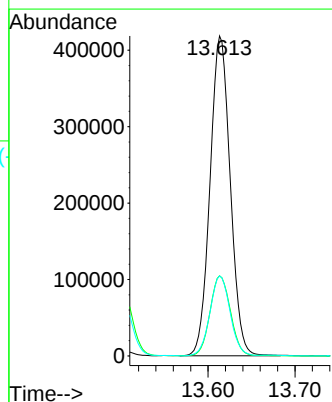
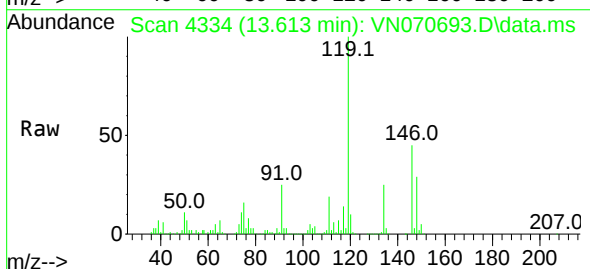
Manual Integrations
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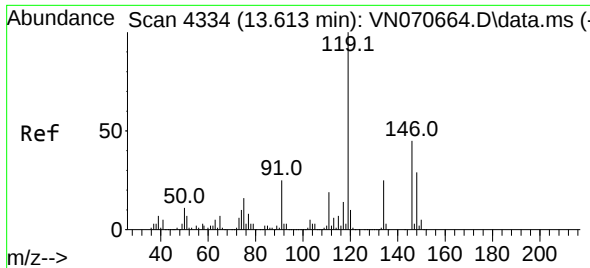
Reviewed By :John Carlone 01/20/2022
 Supervised By :Mahesh Dadoda 01/20/2022



#86
 p-Isopropyltoluene
 Concen: 20.421 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070693.D
 Acq: 19 Jan 2022 12:19

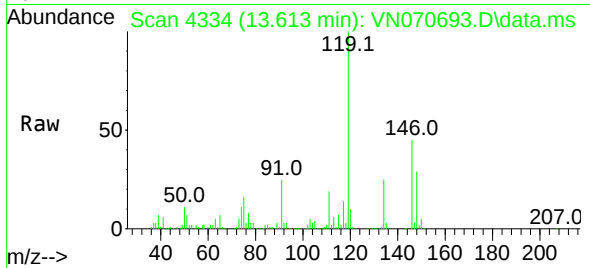
Tgt Ion:119 Resp: 674915
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.6 40.7
 91 24.9 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 20.090 ug/l
RT: 13.613 min Scan# 4334
Delta R.T. 0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

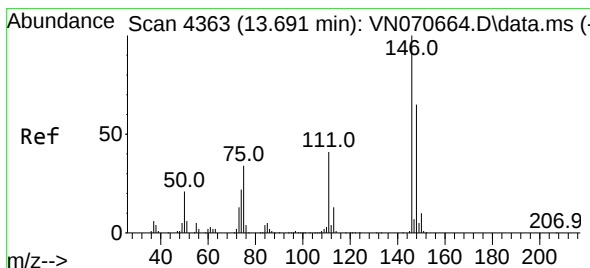
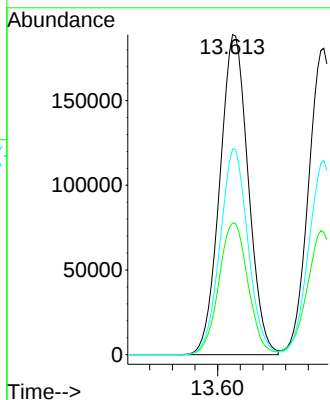
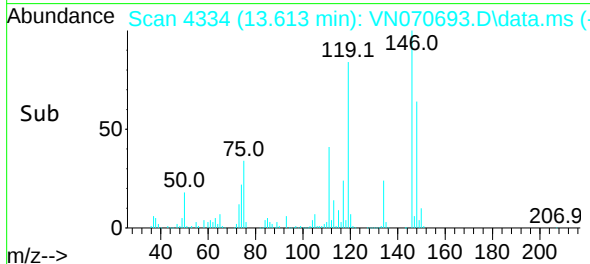
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



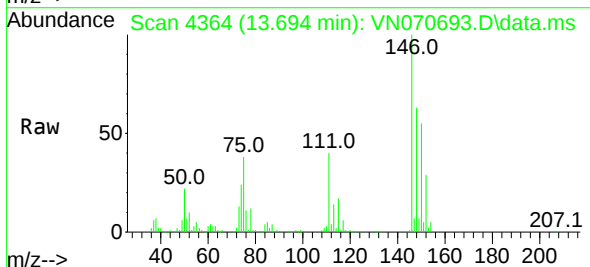
Tgt Ion:146 Resp: 32940
Ion Ratio Lower Upper
146 100
111 42.1 18.6 55.6
148 63.4 31.6 95.0

Manual Integrations
APPROVED

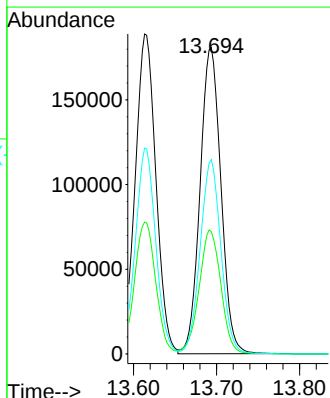
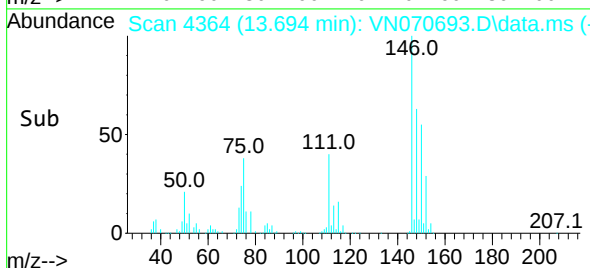
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

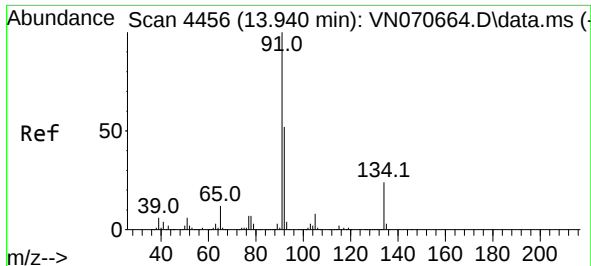


#88
1,4-Dichlorobenzene
Concen: 19.343 ug/l
RT: 13.694 min Scan# 4364
Delta R.T. 0.003 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19



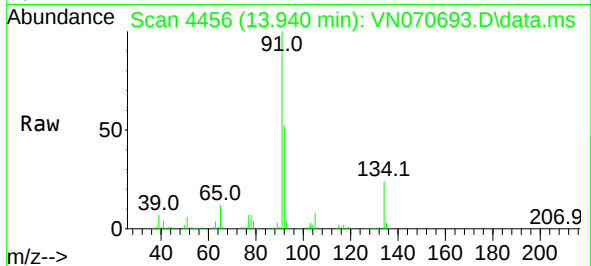
Tgt Ion:146 Resp: 315619
Ion Ratio Lower Upper
146 100
111 42.1 18.3 54.8
148 63.2 31.8 95.4





#89
n-Butylbenzene
Concen: 19.132 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

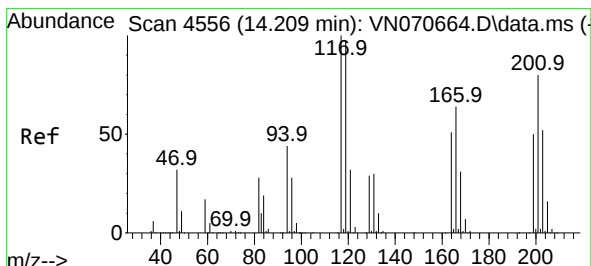
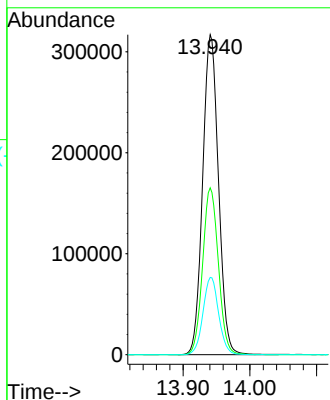
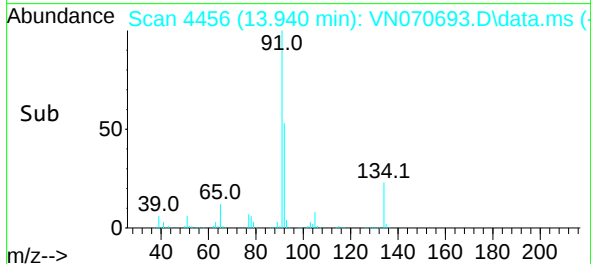
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



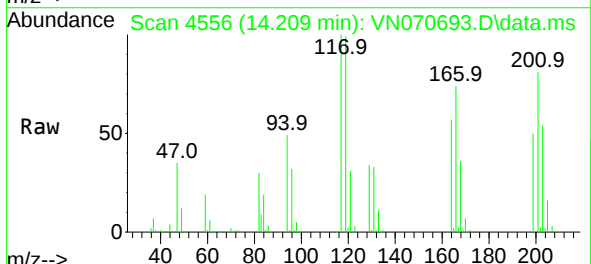
Tgt Ion: 91 Resp: 521620
Ion Ratio Lower Upper
91 100
92 51.9 25.4 76.0
134 23.9 13.6 40.8

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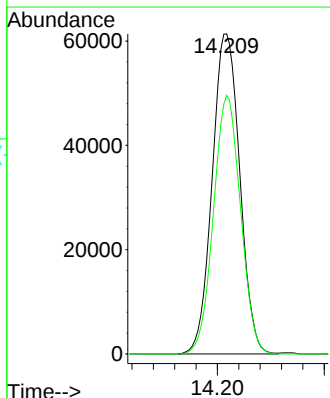
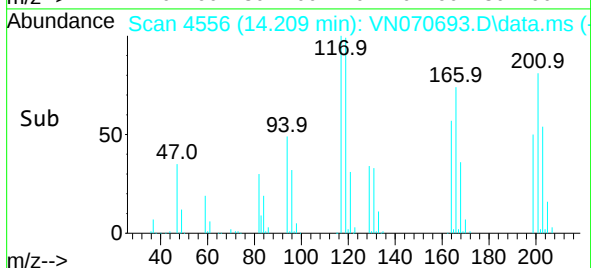
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

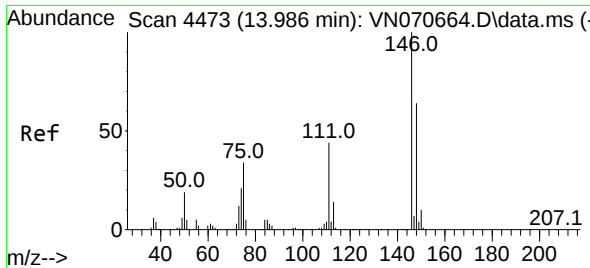


#90
Hexachloroethane
Concen: 19.052 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19



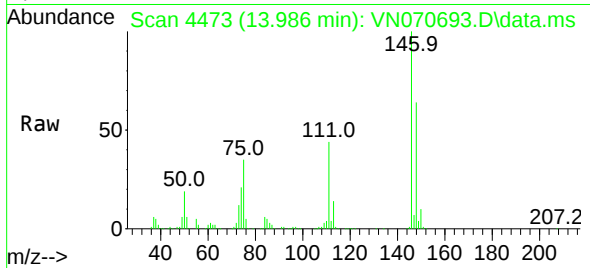
Tgt Ion:117 Resp: 110066
Ion Ratio Lower Upper
117 100
201 79.3 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 19.522 ug/l
RT: 13.986 min Scan# 4473
Delta R.T. -0.000 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19

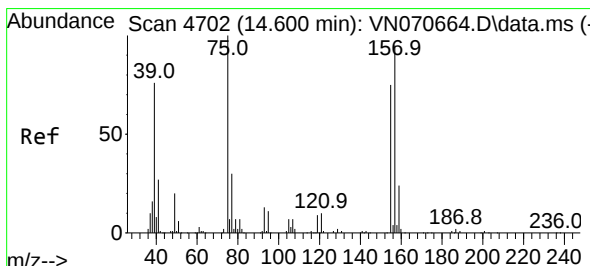
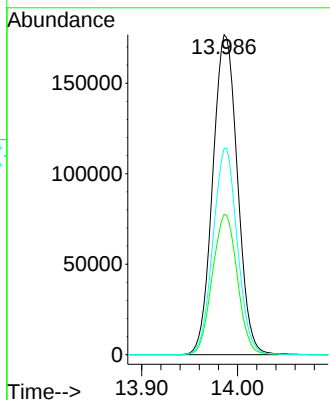
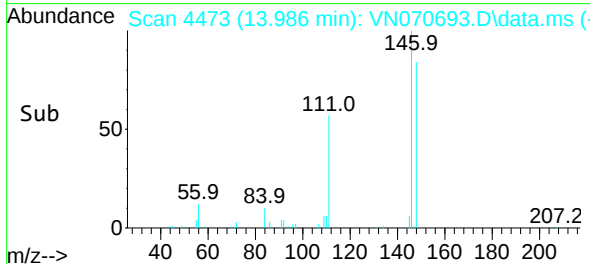
Instrument :
MSVOA_N
ClientSampleId :
VN0119WBS01



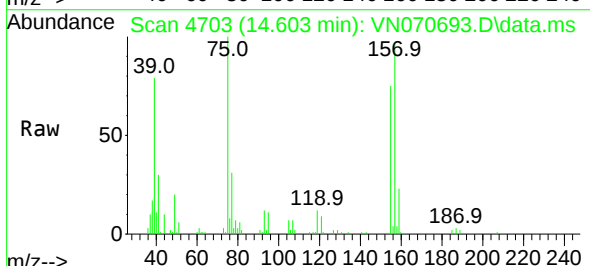
Tgt Ion:146 Resp: 31625
Ion Ratio Lower Upper
146 100
111 44.3 19.1 57.3
148 63.7 32.1 96.3

Manual Integrations
APPROVED

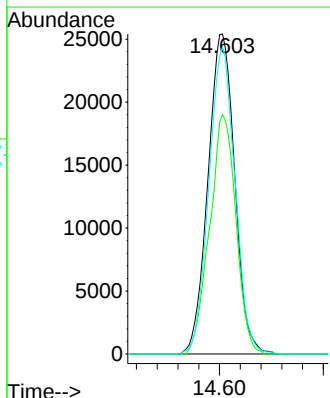
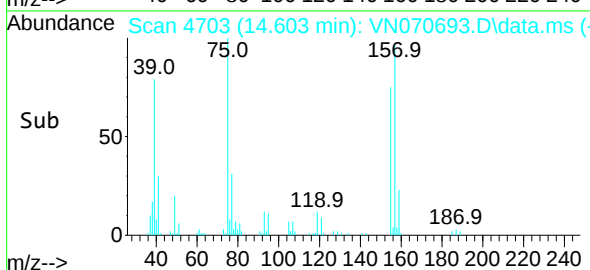
Reviewed By :John Carlone 01/20/2022
Supervised By :Mahesh Dadoda 01/20/2022

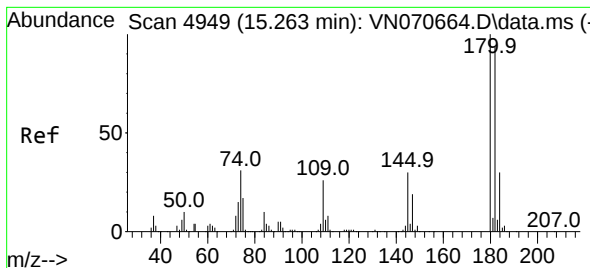


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.072 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.003 min
Lab File: VN070693.D
Acq: 19 Jan 2022 12:19



Tgt Ion: 75 Resp: 45514
Ion Ratio Lower Upper
75 100
155 73.1 46.9 140.7
157 93.6 60.6 181.7





#93

1,2,4-Trichlorobenzene

Concen: 18.318 ug/l

RT: 15.263 min Scan# 4949

Delta R.T. -0.000 min

Lab File: VN070693.D

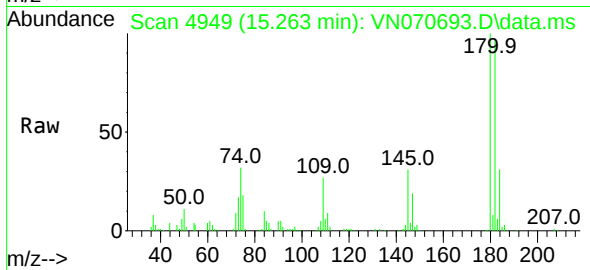
Acq: 19 Jan 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0119WBS01



Tgt Ion:180 Resp: 137262

Ion Ratio Lower Upper

180 100

182 94.4 48.3 144.9

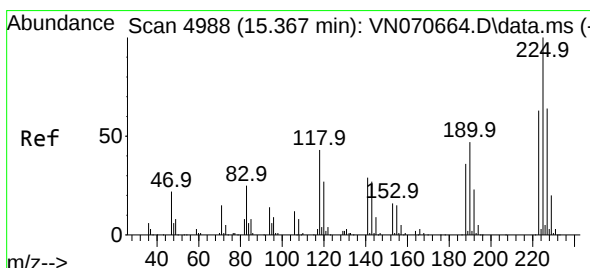
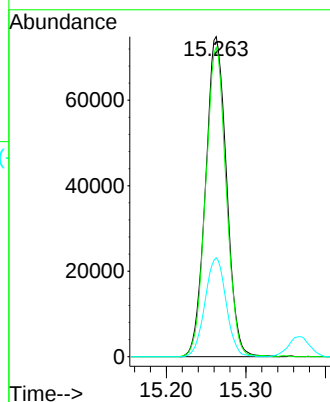
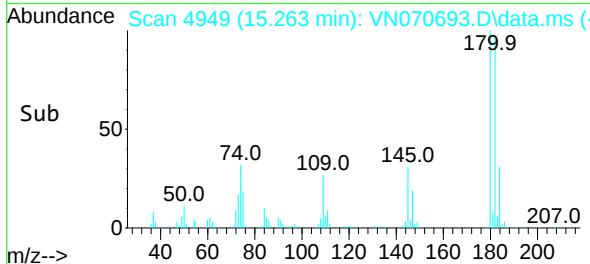
145 31.1 14.5 43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/20/2022

Supervised By :Mahesh Dadoda 01/20/2022



#94

Hexachlorobutadiene

Concen: 20.461 ug/l

RT: 15.367 min Scan# 4988

Delta R.T. 0.000 min

Lab File: VN070693.D

Acq: 19 Jan 2022 12:19

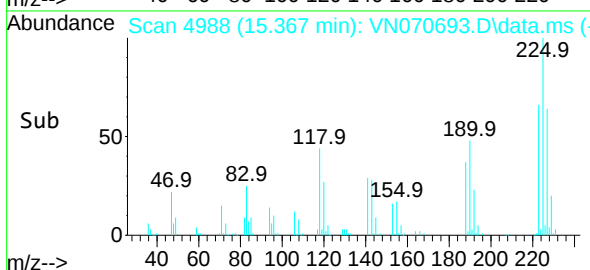
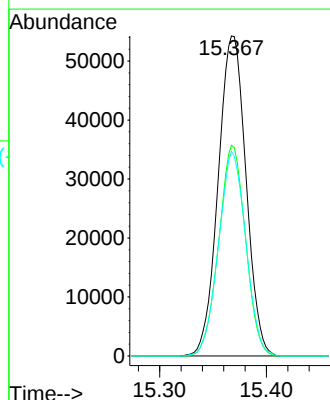
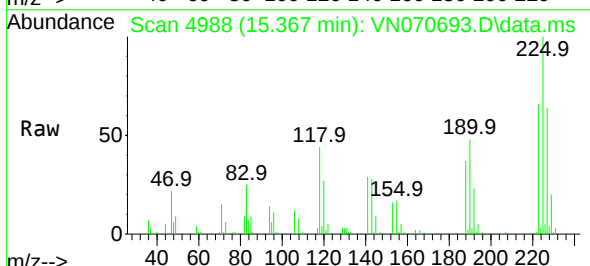
Tgt Ion:225 Resp: 98167

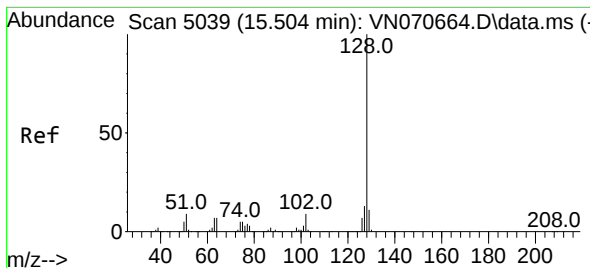
Ion Ratio Lower Upper

225 100

223 63.4 31.9 95.7

227 62.6 32.1 96.3





#95

Naphthalene

Concen: 16.518 ug/l

RT: 15.504 min Scan# 5039

Delta R.T. -0.000 min

Lab File: VN070693.D

Acq: 19 Jan 2022 12:19

Instrument :

MSVOA_N

ClientSampleId :

VN0119WBS01

Tgt Ion:128 Resp: 309380

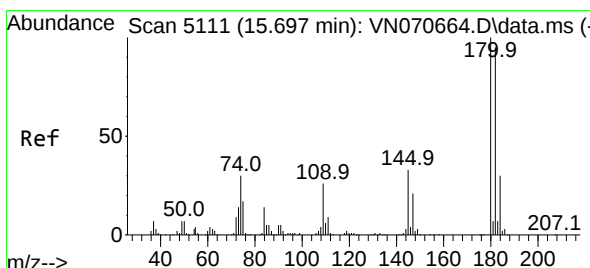
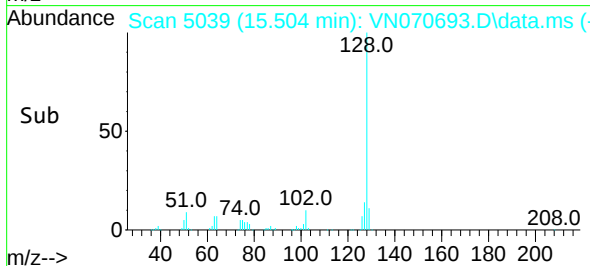
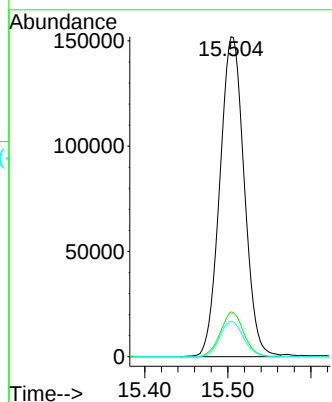
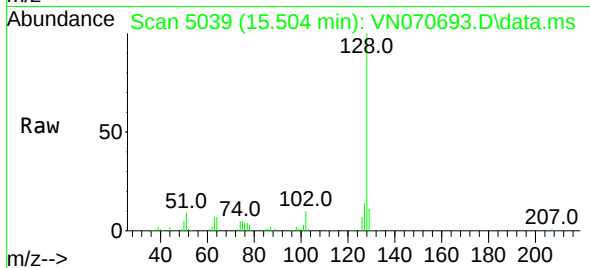
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.5	15.7
129	10.9	8.7	13.1

Manual Integrations

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#96

1,2,3-Trichlorobenzene

Concen: 17.836 ug/l

RT: 15.700 min Scan# 5112

Delta R.T. 0.003 min

Lab File: VN070693.D

Acq: 19 Jan 2022 12:19

Tgt Ion:180 Resp: 128226

Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.4	142.2
145	32.2	15.0	45.1

