

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011222\
 Data File : VN070582.D
 Acq On : 12 Jan 2022 13:29
 Operator : JC/MD
 Sample : VN0112WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0112WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/13/2022
 Supervised By : Mahesh Dadoda 01/13/2022

Quant Time: Jan 13 04:25:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	885012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1417434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1288246	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	540555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	612517	48.136	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.280%		
35) Dibromofluoromethane	8.019	113	446188	52.026	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	104.060%		
50) Toluene-d8	10.438	98	1813548	51.765	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.520%		
62) 4-Bromofluorobenzene	12.728	95	655416	51.796	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	103.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	150912	15.036	ug/l	97
3) Chloromethane	2.303	50	217140	15.905	ug/l	96
4) Vinyl Chloride	2.451	62	196647	15.820	ug/l	99
5) Bromomethane	2.867	94	119301	18.595	ug/l	99
6) Chloroethane	3.027	64	124684	16.656	ug/l	99
7) Trichlorofluoromethane	3.384	101	256263	17.128	ug/l	97
8) Diethyl Ether	3.824	74	119705	18.150	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.213	101	161250	17.621	ug/l	95
10) Methyl Iodide	4.425	142	210919	17.031	ug/l	98
11) Tert butyl alcohol	5.369	59	187194	88.352	ug/l	97
12) 1,1-Dichloroethene	4.183	96	150157	16.659	ug/l	93
13) Acrolein	4.041	56	148311	86.272	ug/l	99
14) Allyl chloride	4.840	41	360518	17.642	ug/l #	84
15) Acrylonitrile	5.554	53	615407	93.080	ug/l	99
16) Acetone	4.285	43	715240	86.587	ug/l	97
17) Carbon Disulfide	4.532	76	368456	14.976	ug/l	99
18) Methyl Acetate	4.854	43	435672	18.233	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	622245	18.589	ug/l	93
20) Methylene Chloride	5.095	84	193981	16.973	ug/l	87
21) trans-1,2-Dichloroethene	5.599	96	162109	16.986	ug/l	85
22) Diisopropyl ether	6.495	45	779943	19.595	ug/l #	90
23) Vinyl Acetate	6.431	43	2887017	93.484	ug/l	95
24) 1,1-Dichloroethane	6.385	63	367072	17.786	ug/l	99
25) 2-Butanone	7.332	43	938408	90.224	ug/l	92
26) 2,2-Dichloropropane	7.321	77	275397	16.915	ug/l	98
27) cis-1,2-Dichloroethene	7.321	96	205347	18.033	ug/l	88
28) Bromochloromethane	7.657	49	215439	21.345	ug/l #	76
29) Tetrahydrofuran	7.683	42	578727	93.261	ug/l #	87
30) Chloroform	7.817	83	351776	17.668	ug/l	99
31) Cyclohexane	8.094	56	355990	17.728	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	281297	16.756	ug/l	97
36) 1,1-Dichloropropene	8.220	75	253461	17.865	ug/l	96
37) Ethyl Acetate	7.410	43	351849	19.133	ug/l	96
38) Carbon Tetrachloride	8.206	117	226019	16.684	ug/l	99
39) Methylcyclohexane	9.456	83	306944	17.871	ug/l	88
40) Benzene	8.458	78	805866	18.528	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.632	41	185320	20.148	ug/l #	84
42) 1,2-Dichloroethane	8.528	62	287182	17.566	ug/l	100
43) Isopropyl Acetate	8.560	43	554900	19.139	ug/l #	94
44) Trichloroethene	9.215	130	183421	17.748	ug/l	93
45) 1,2-Dichloropropane	9.488	63	228161	19.483	ug/l	99
46) Dibromomethane	9.574	93	132673	18.219	ug/l	95
47) Bromodichloromethane	9.759	83	261829	18.108	ug/l	99
48) Methyl methacrylate	9.558	41	243960	17.640	ug/l #	85
49) 1,4-Dioxane	9.569	88	74478	367.899	ug/l #	82
51) 4-Methyl-2-Pentanone	10.328	43	1757836	96.487	ug/l	97
52) Toluene	10.502	92	492992	18.726	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	286039	18.273	ug/l	97
54) cis-1,3-Dichloropropene	10.188	75	319773	18.884	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	198749	19.080	ug/l	95
56) Ethyl methacrylate	10.760	69	323458	18.793	ug/l	88
57) 1,3-Dichloropropane	11.041	76	352115	19.112	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.038	63	278538	77.177	ug/l	89
59) 2-Hexanone	11.081	43	1271842	95.730	ug/l	96
60) Dibromochloromethane	11.234	129	183910	18.095	ug/l	99
61) 1,2-Dibromoethane	11.342	107	192540	18.204	ug/l	99
64) Tetrachloroethene	10.974	164	173026	18.548	ug/l	95
65) Chlorobenzene	11.768	112	508241	18.594	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	177463	18.186	ug/l	98
67) Ethyl Benzene	11.843	91	948030	18.930	ug/l	95
68) m/p-Xylenes	11.950	106	691750	37.946	ug/l	93
69) o-Xylene	12.278	106	343169	18.925	ug/l	92
70) Styrene	12.291	104	551641	19.222	ug/l	96
71) Bromoform	12.455	173	130353	18.000	ug/l #	99
73) Isopropylbenzene	12.575	105	906075	18.050	ug/l	98
74) N-amyl acetate	12.385	43	367864	17.429	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	312043	18.007	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	261699m	18.193	ug/l	
77) Bromobenzene	12.857	156	205265	17.811	ug/l	76
78) n-propylbenzene	12.919	91	1019378	18.328	ug/l	96
79) 2-Chlorotoluene	13.004	91	633272	17.745	ug/l	93
80) 1,3,5-Trimethylbenzene	13.055	105	737299	18.329	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.624	75	76441	17.277	ug/l	98
82) 4-Chlorotoluene	13.104	91	608409	18.200	ug/l	93
83) tert-Butylbenzene	13.321	119	643489	18.167	ug/l	95
84) 1,2,4-Trimethylbenzene	13.366	105	716679	18.502	ug/l	99
85) sec-Butylbenzene	13.498	105	888825	18.483	ug/l	97
86) p-Isopropyltoluene	13.613	119	706722	18.708	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	354605	18.380	ug/l	97
88) 1,4-Dichlorobenzene	13.691	146	343303	18.039	ug/l	96
89) n-Butylbenzene	13.940	91	567704	18.017	ug/l	97
90) Hexachloroethane	14.209	117	109398	16.670	ug/l	94
91) 1,2-Dichlorobenzene	13.986	146	342466	18.107	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	47705	16.405	ug/l	83
93) 1,2,4-Trichlorobenzene	15.260	180	160929	18.058	ug/l	98
94) Hexachlorobutadiene	15.367	225	107841	20.822	ug/l	98
95) Naphthalene	15.504	128	389674	17.050	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	155508	18.768	ug/l	99

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Sample : VN0112WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01

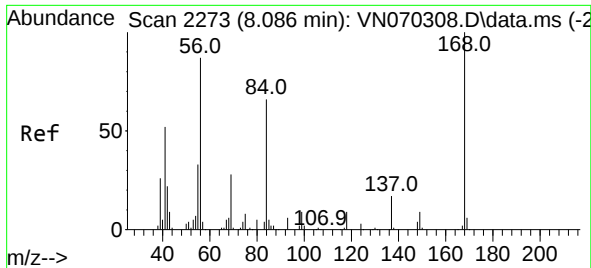
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
Quant Title : SW846 8260
QLast Update : Mon Dec 27 18:47:12 2021
Response via : Initial Calibration

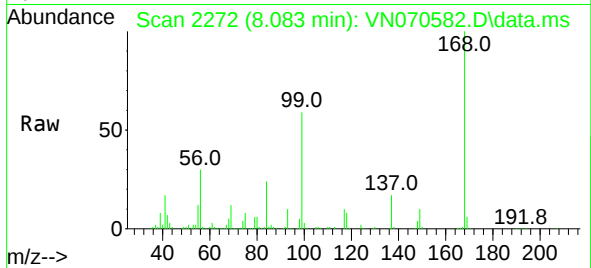
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.083 min Scan# 21
Delta R.T. -0.003 min
Lab File: VN070582.D
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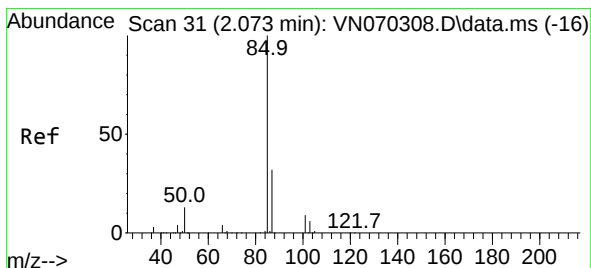
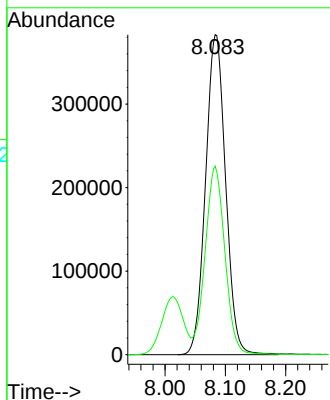
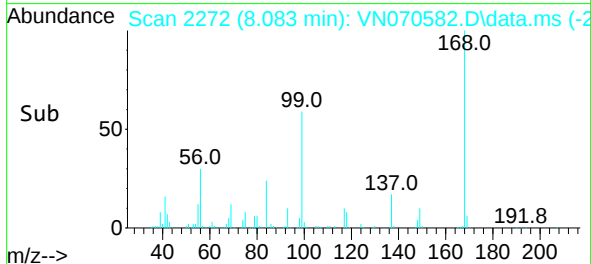
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



Tgt Ion:168 Resp: 88501
Ion Ratio Lower Upper
168 100
99 58.8 41.3 61.9

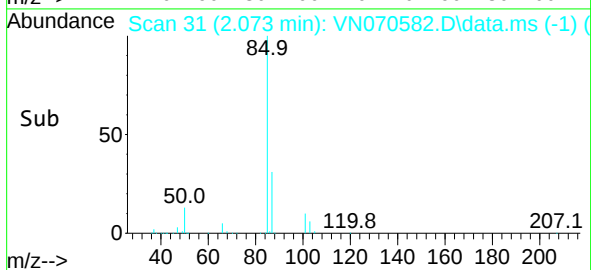
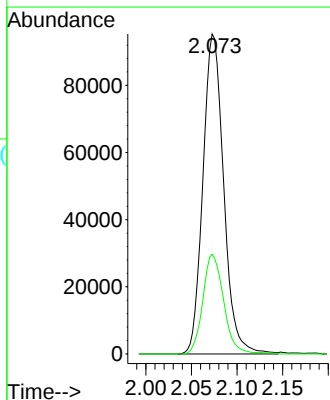
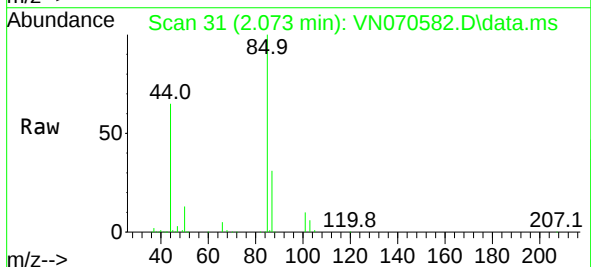
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#2
Dichlorodifluoromethane
Concen: 15.036 ug/l
RT: 2.073 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

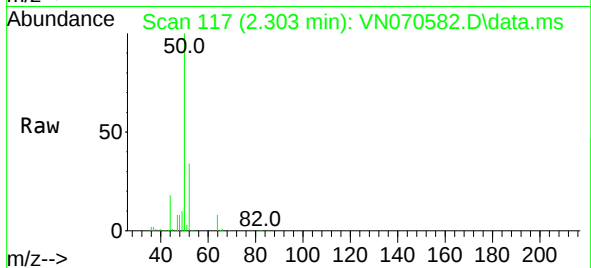
Tgt Ion: 85 Resp: 150912
Ion Ratio Lower Upper
85 100
87 31.1 16.3 48.9





#3
Chloromethane
Concen: 15.905 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

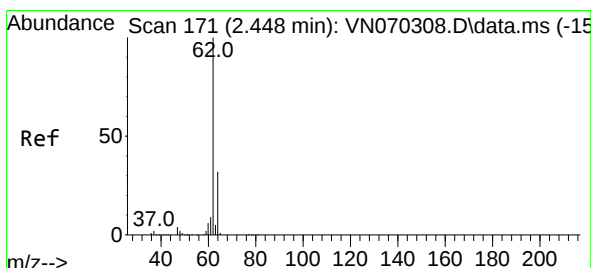
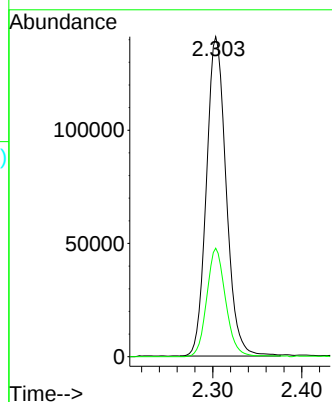
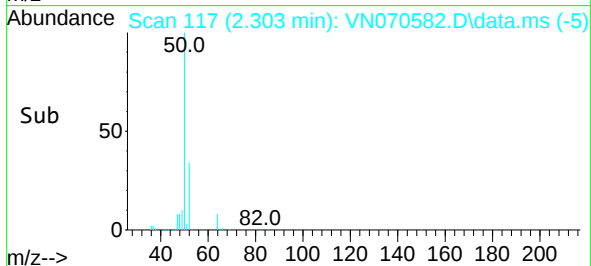
Instrument :
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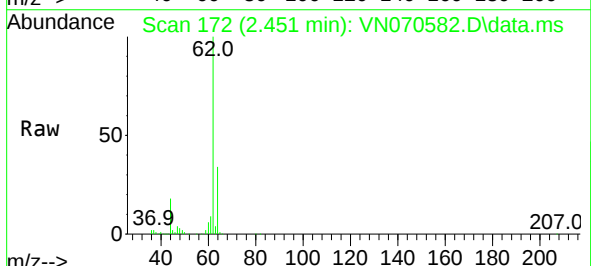
Tgt Ion: 50 Resp: 217140
Ion Ratio Lower Upper
50 100
52 34.0 25.4 38.0

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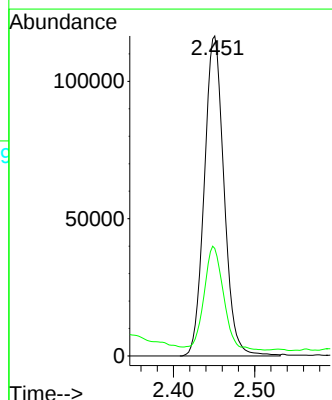
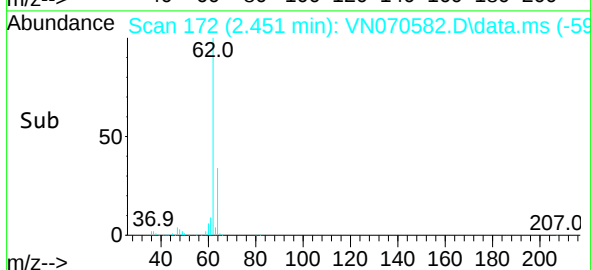
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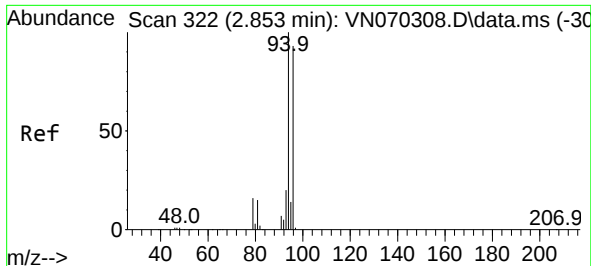


#4
Vinyl Chloride
Concen: 15.820 ug/l
RT: 2.451 min Scan# 172
Delta R.T. 0.003 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29



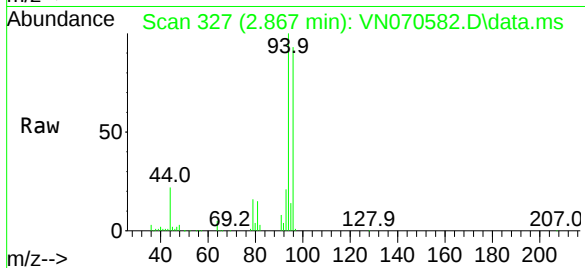
Tgt Ion: 62 Resp: 196647
Ion Ratio Lower Upper
62 100
64 31.5 25.8 38.6





#5
Bromomethane
Concen: 18.595 ug/l
RT: 2.867 min Scan# 311
Delta R.T. 0.014 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

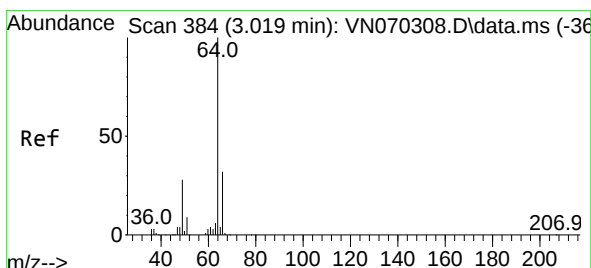
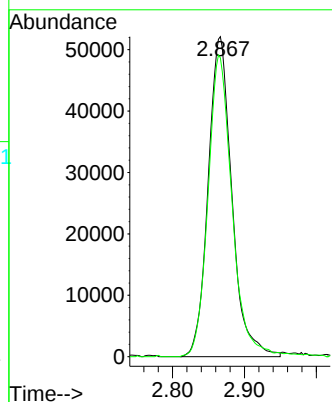
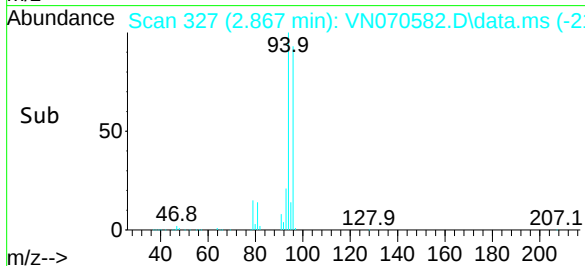
Instrument :
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Tgt Ion: 94 Resp: 11930
Ion Ratio Lower Upper
94 100
96 93.4 73.8 110.8

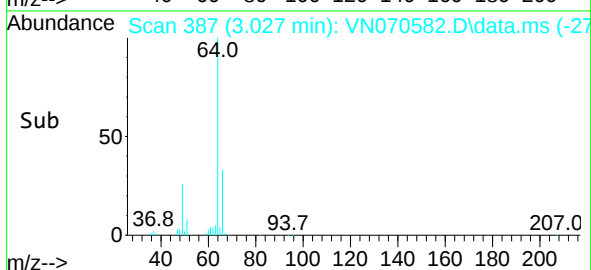
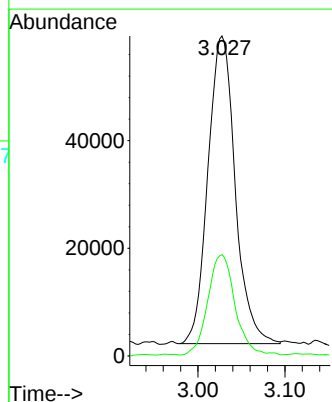
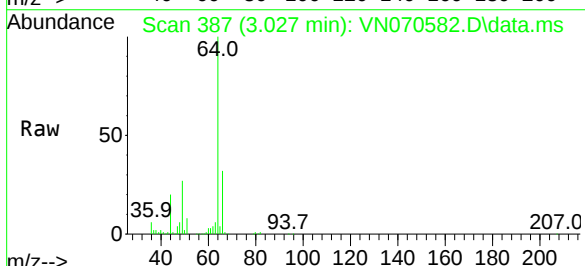
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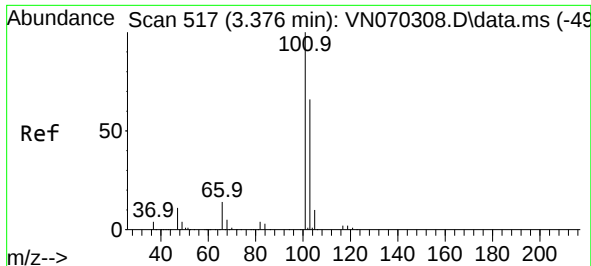
Reviewed By :John Carlone 01/13/2022
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#6
Chloroethane
Concen: 16.656 ug/l
RT: 3.027 min Scan# 387
Delta R.T. 0.008 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

Tgt Ion: 64 Resp: 124684
Ion Ratio Lower Upper
64 100
66 32.6 26.3 39.5





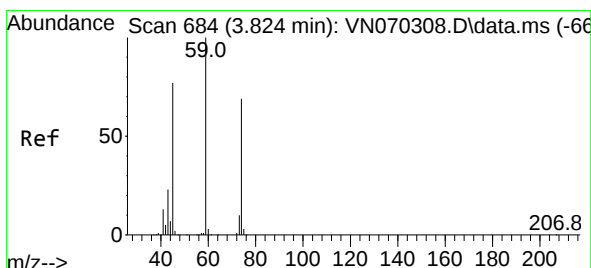
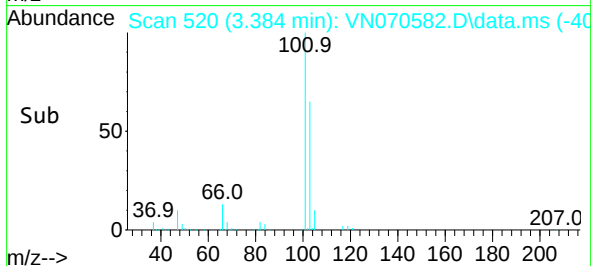
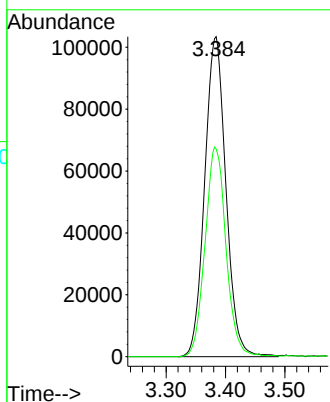
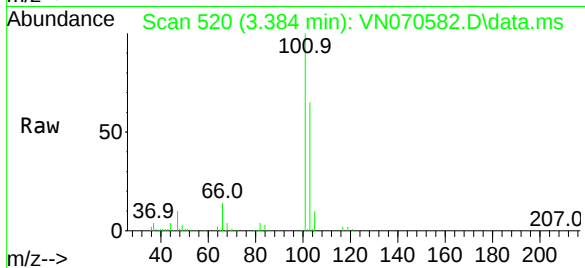
#7
Trichlorofluoromethane
Concen: 17.128 ug/l
RT: 3.384 min Scan# 517
Delta R.T. 0.008 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01

Tgt Ion:101 Resp: 25626
Ion Ratio Lower Upper
101 100
103 64.9 50.1 75.1

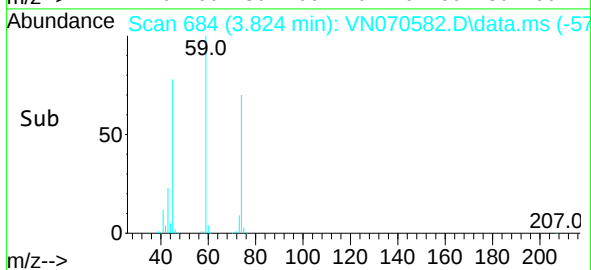
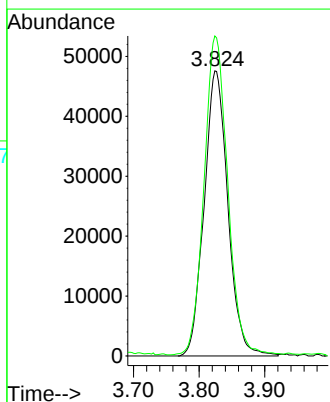
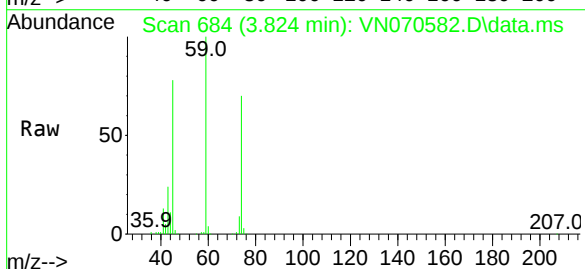
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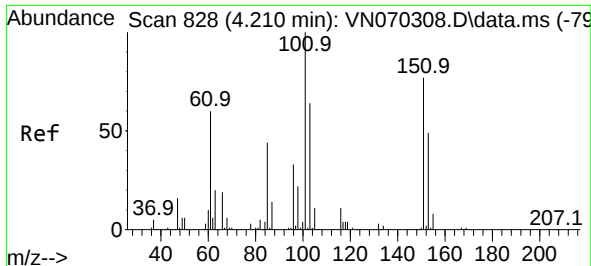
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022



#8
Diethyl Ether
Concen: 18.150 ug/l
RT: 3.824 min Scan# 684
Delta R.T. -0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

Tgt Ion: 74 Resp: 119705
Ion Ratio Lower Upper
74 100
45 111.3 47.0 141.2





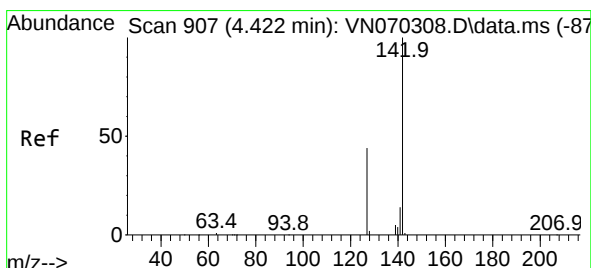
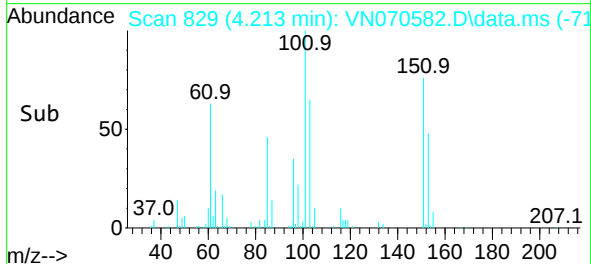
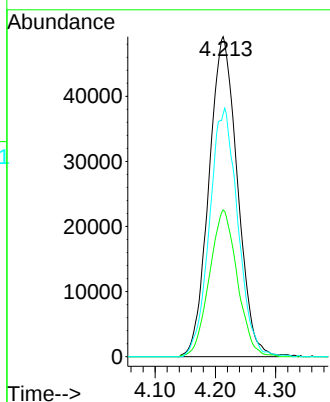
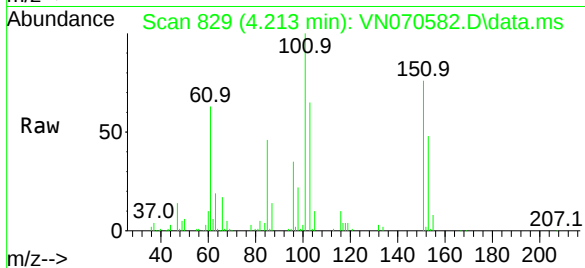
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.621 ug/l
RT: 4.213 min Scan# 81
Delta R.T. 0.003 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01

Tgt Ion:101 Resp: 161250
Ion Ratio Lower Upper
101 100
85 44.9 37.2 55.8
151 77.1 65.9 98.9

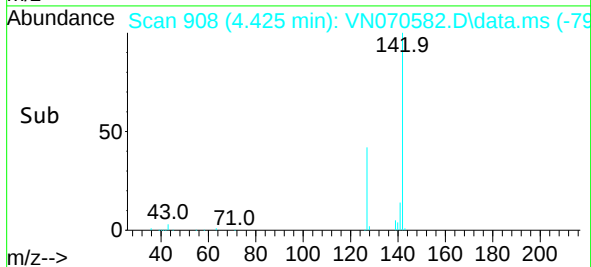
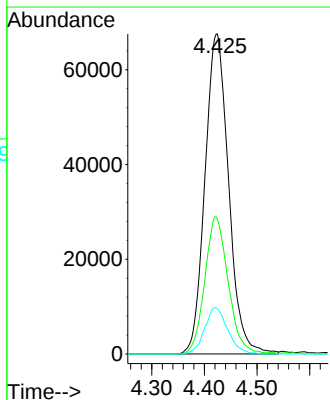
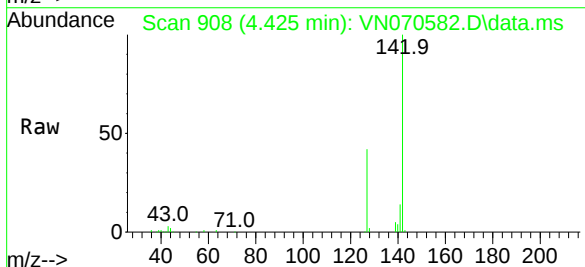
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022



#10
Methyl Iodide
Concen: 17.031 ug/l
RT: 4.425 min Scan# 908
Delta R.T. 0.003 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

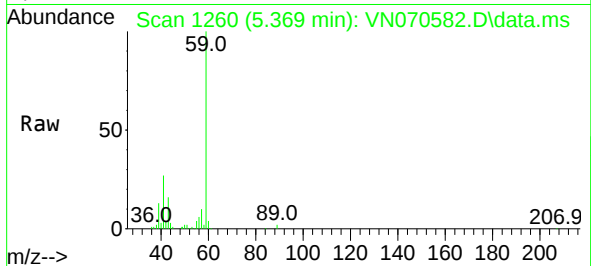
Tgt Ion:142 Resp: 210919
Ion Ratio Lower Upper
142 100
127 42.3 35.4 53.0
141 14.1 11.6 17.4





#11
Tert butyl alcohol
Concen: 88.352 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.008 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

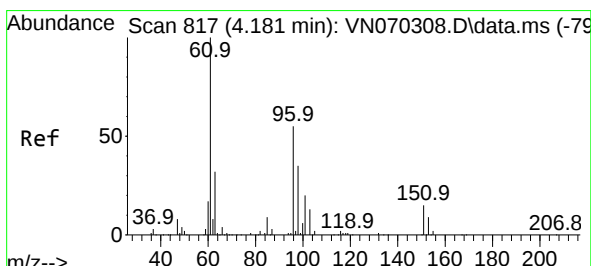
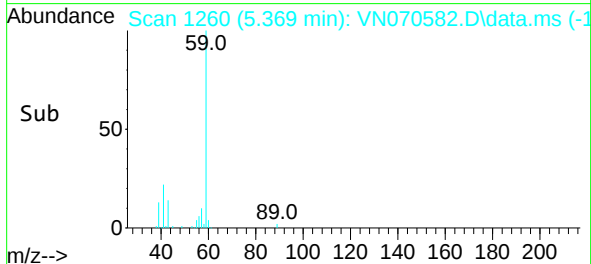
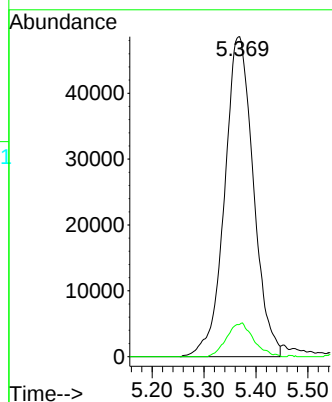
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



Tgt Ion: 59 Resp: 187194
Ion Ratio Lower Upper
59 100
57 9.7 8.7 13.1

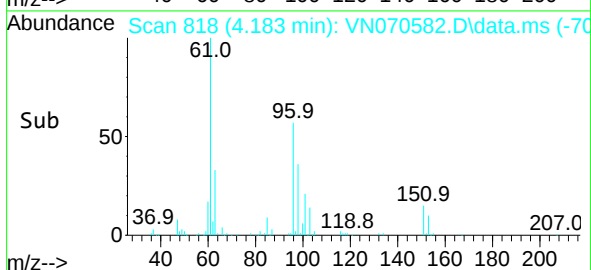
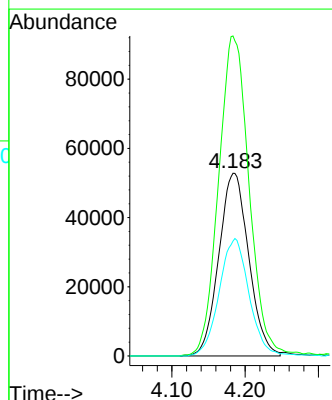
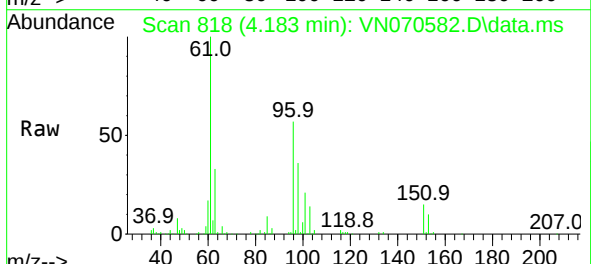
Manual Integrations
APPROVED

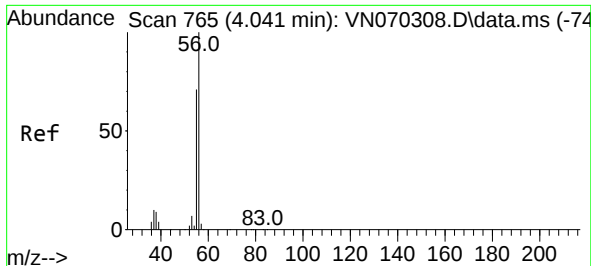
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022



#12
1,1-Dichloroethene
Concen: 16.659 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.002 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

Tgt Ion: 96 Resp: 150157
Ion Ratio Lower Upper
96 100
61 175.2 131.0 196.6
98 62.9 52.4 78.6





#13

Acrolein

Concen: 86.272 ug/l

RT: 4.041 min Scan# 765

Delta R.T. 0.000 min

Lab File: VN070582.D

Acq: 12 Jan 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBSD01

Tgt Ion: 56 Resp: 14831

Ion Ratio Lower Upper

56 100

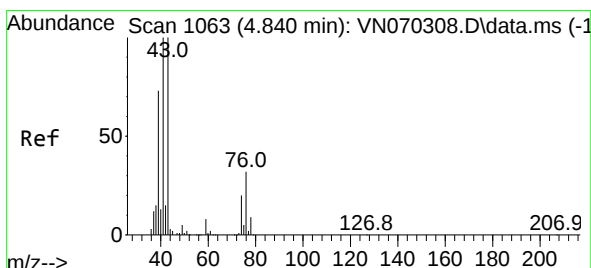
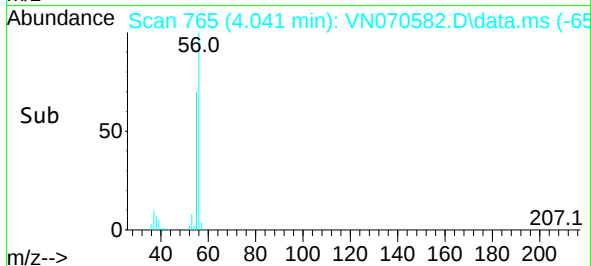
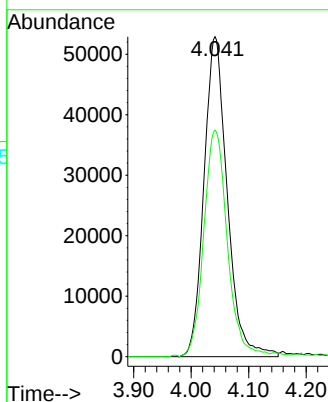
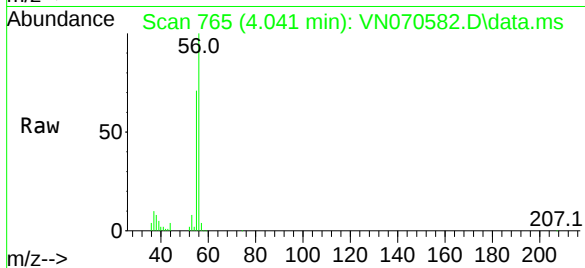
55 71.7 56.6 85.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2022

Supervised By :Mahesh Dadoda 01/13/2022



#14

Allyl chloride

Concen: 17.642 ug/l

RT: 4.840 min Scan# 1063

Delta R.T. 0.000 min

Lab File: VN070582.D

Acq: 12 Jan 2022 13:29

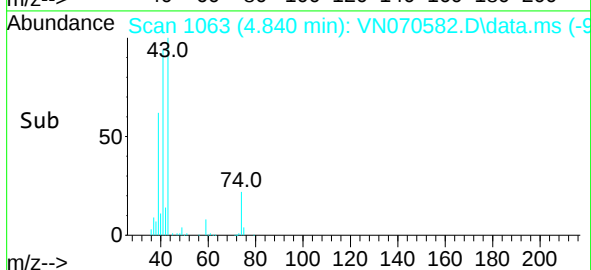
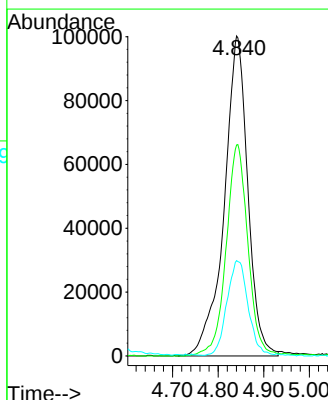
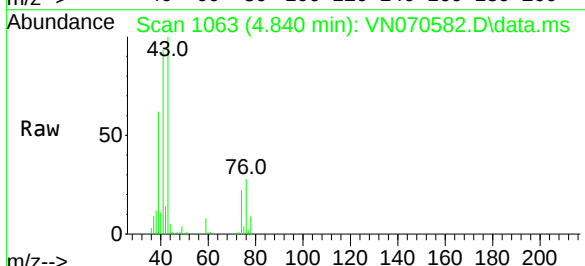
Tgt Ion: 41 Resp: 360518

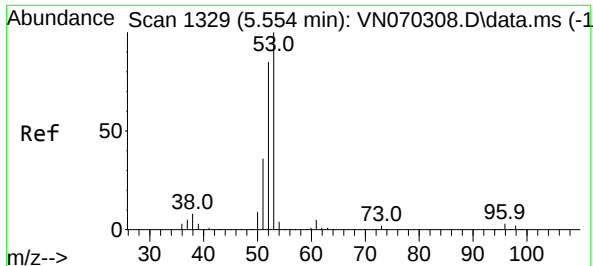
Ion Ratio Lower Upper

41 100

39 60.9 61.2 91.8#

76 26.4 26.0 39.0





#15

Acrylonitrile

Concen: 93.080 ug/l

RT: 5.554 min Scan# 1329

Delta R.T. -0.000 min

Lab File: VN070582.D

Acq: 12 Jan 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBSD01

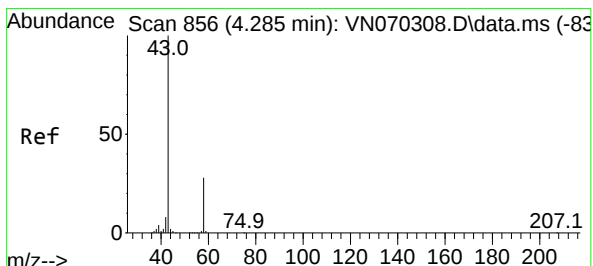
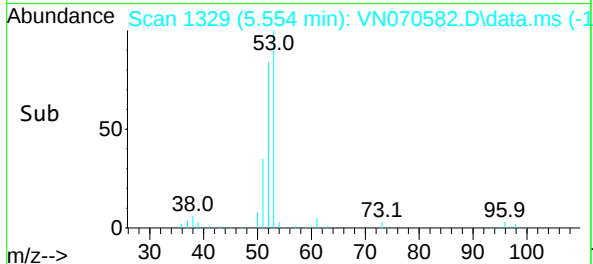
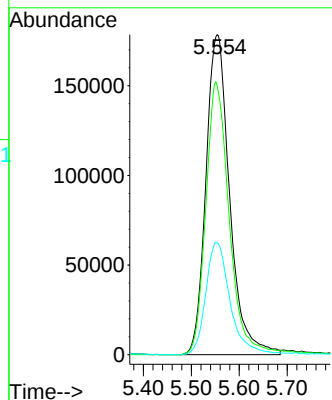
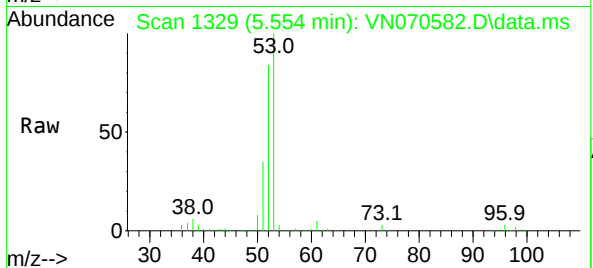
Tgt Ion: 53	Resp: 61540
Ion Ratio	Lower Upper
53 100	
52 83.6	66.2 99.2
51 35.9	29.6 44.4

Manual Integrations

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Reviewed By :John Carlone 01/13/2022

Supervised By :Mahesh Dadoda 01/13/2022



#16

Acetone

Concen: 86.587 ug/l

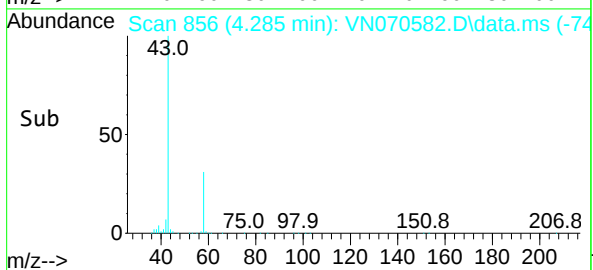
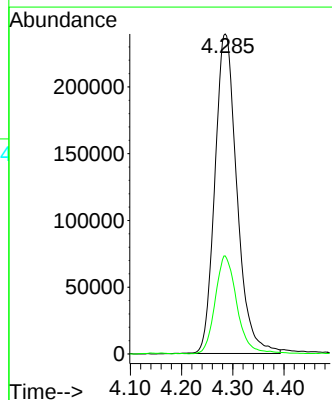
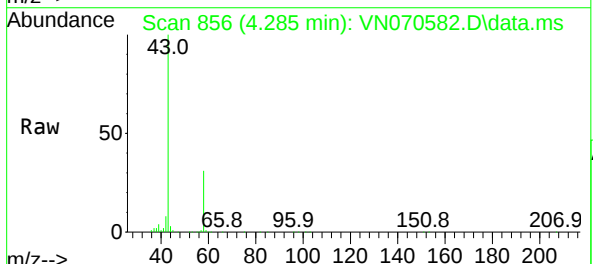
RT: 4.285 min Scan# 856

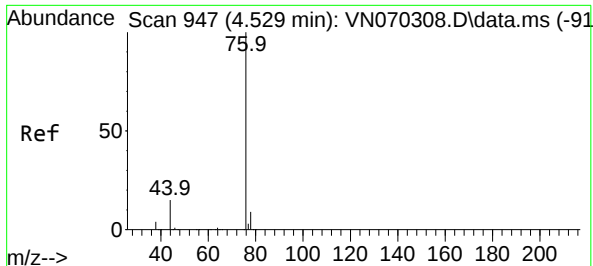
Delta R.T. 0.000 min

Lab File: VN070582.D

Acq: 12 Jan 2022 13:29

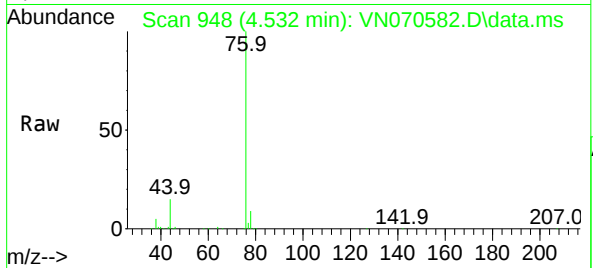
Tgt Ion: 43	Resp: 715240
Ion Ratio	Lower Upper
43 100	
58 30.6	23.1 34.7





#17
Carbon Disulfide
Concen: 14.976 ug/l
RT: 4.532 min Scan# 947
Delta R.T. 0.003 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

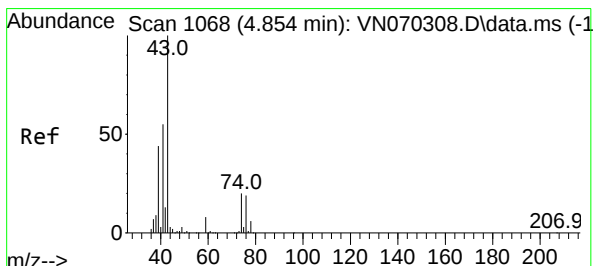
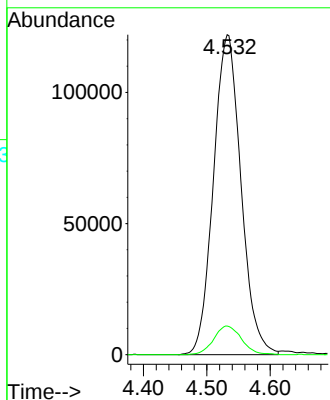
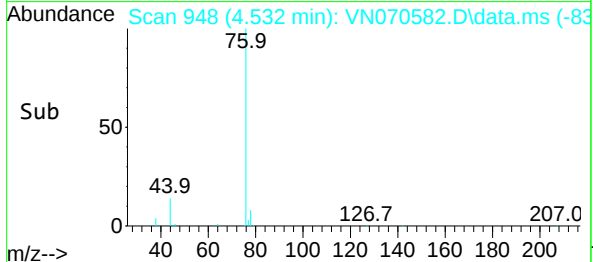
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



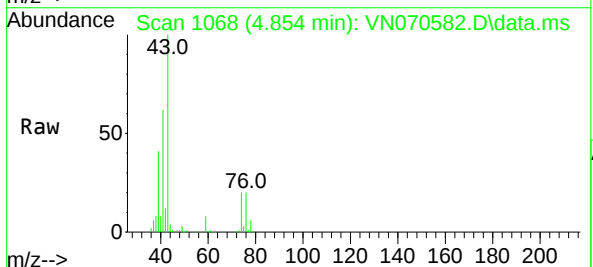
Tgt Ion: 76 Resp: 368456
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

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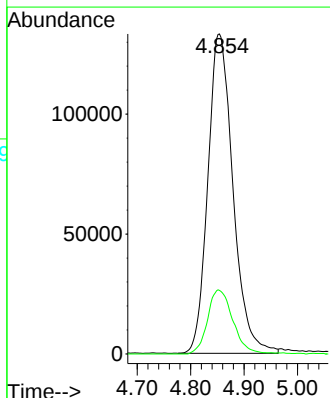
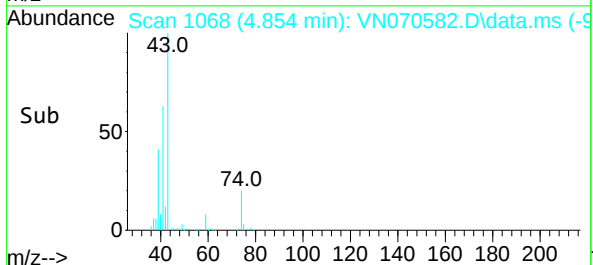
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022

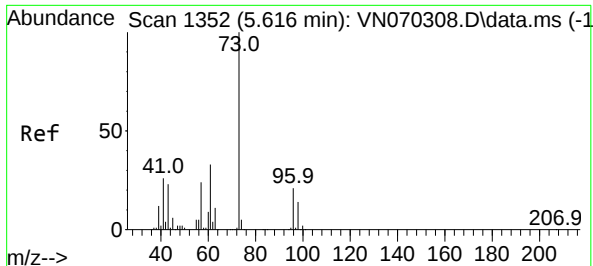


#18
Methyl Acetate
Concen: 18.233 ug/l
RT: 4.854 min Scan# 1068
Delta R.T. -0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29



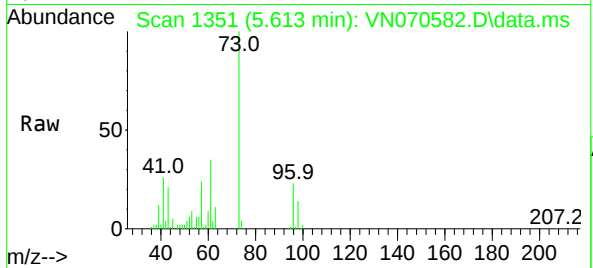
Tgt Ion: 43 Resp: 435672
Ion Ratio Lower Upper
43 100
74 20.1 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 18.589 ug/l
RT: 5.613 min Scan# 11351
Delta R.T. -0.003 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

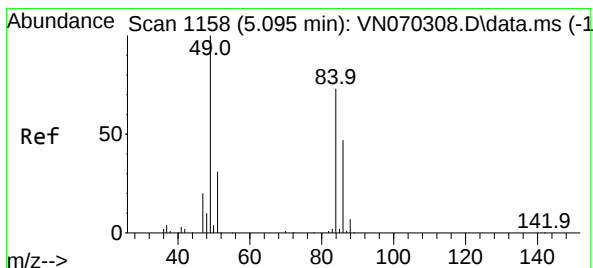
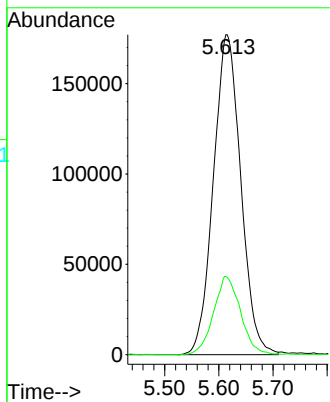
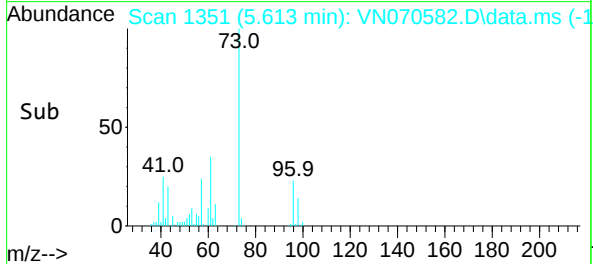
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



Tgt Ion: 73 Resp: 62224
Ion Ratio Lower Upper
73 100
57 24.4 16.8 25.2

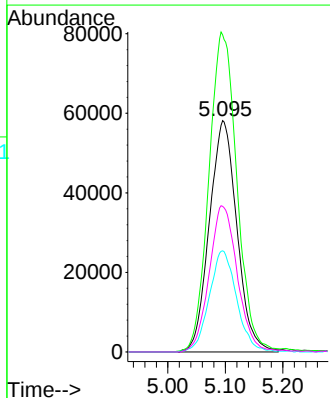
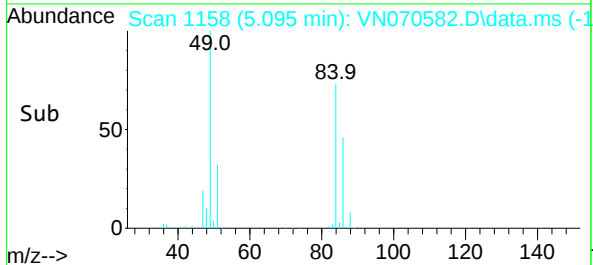
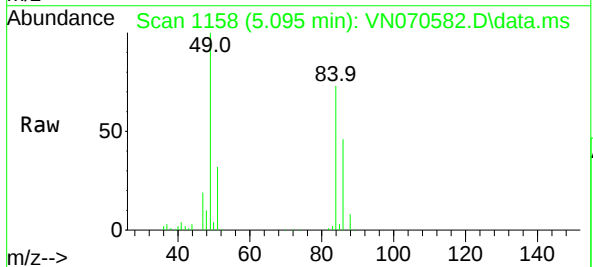
Manual Integrations
APPROVED

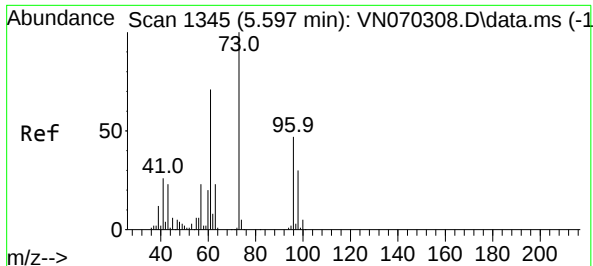
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022



#20
Methylene Chloride
Concen: 16.973 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

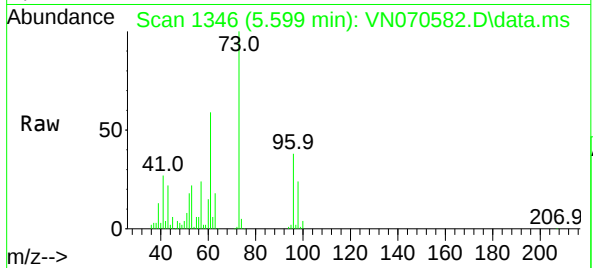
Tgt Ion: 84 Resp: 193981
Ion Ratio Lower Upper
84 100
49 136.7 93.5 140.3
51 43.7 29.4 44.2
86 63.0 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 16.986 ug/l
RT: 5.599 min Scan# 11
Delta R.T. 0.002 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

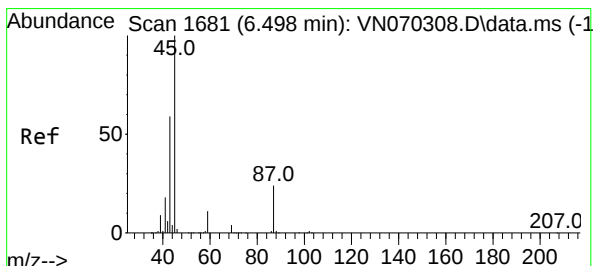
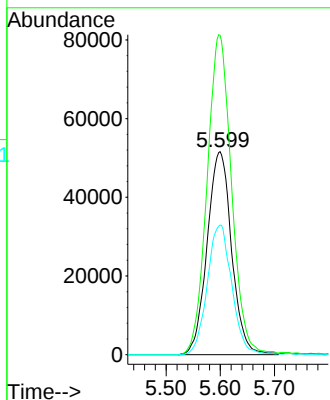
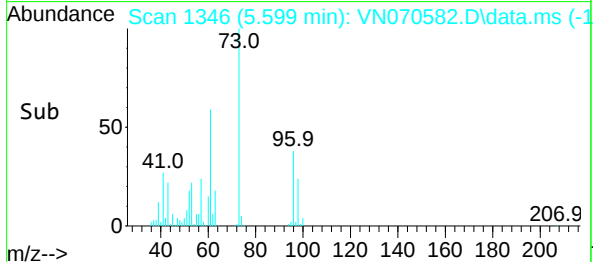
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



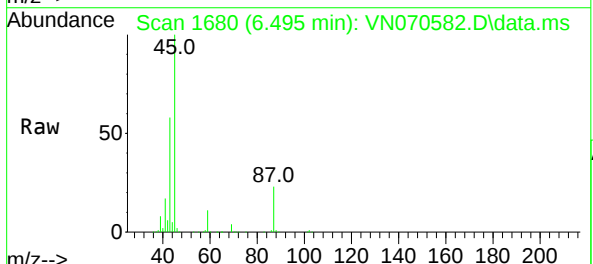
Tgt Ion: 96 Resp: 162109
Ion Ratio Lower Upper
96 100
61 157.2 105.8 158.6
98 63.9 52.0 78.0

Manual Integrations
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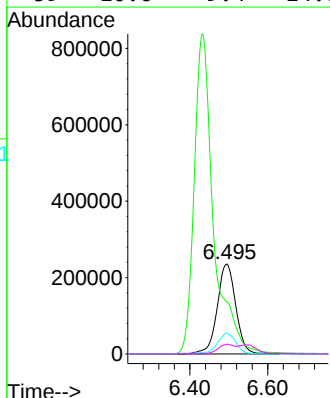
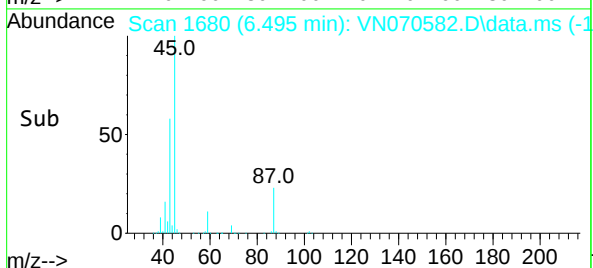
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022

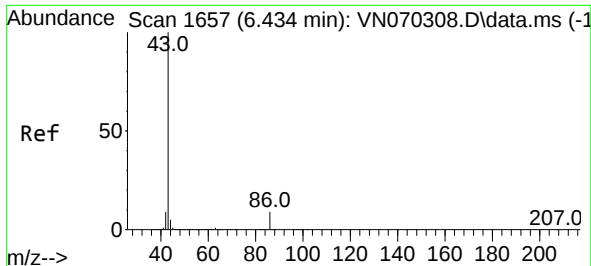


#22
Diisopropyl ether
Concen: 19.595 ug/l
RT: 6.495 min Scan# 1680
Delta R.T. -0.003 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29



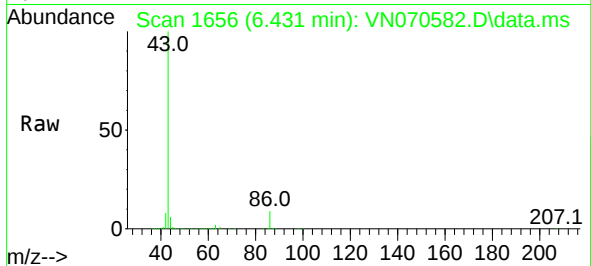
Tgt Ion: 45 Resp: 779943
Ion Ratio Lower Upper
45 100
43 56.9 51.7 77.5
87 22.8 23.2 34.8#
59 10.6 9.4 14.0





#23
 Vinyl Acetate
 Concen: 93.484 ug/l
 RT: 6.431 min Scan# 1656
 Delta R.T. -0.003 min
 Lab File: VN070582.D
 Acq: 12 Jan 2022 13:29

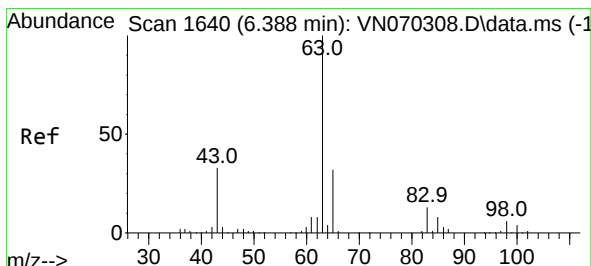
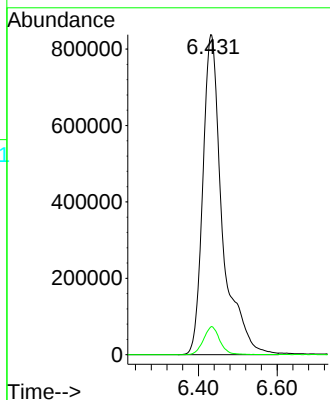
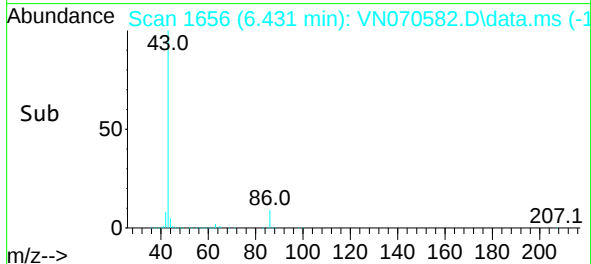
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0112WBSD01



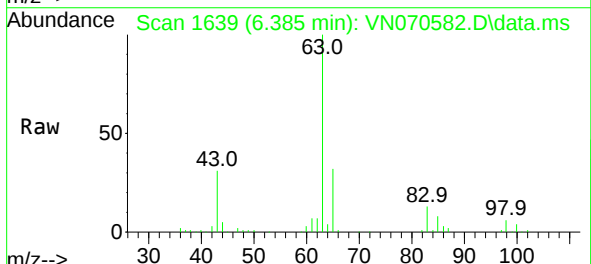
Tgt Ion: 43 Resp: 288701
 Ion Ratio Lower Upper
 43 100
 86 8.7 8.5 12.7

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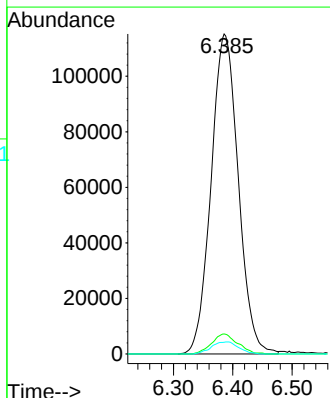
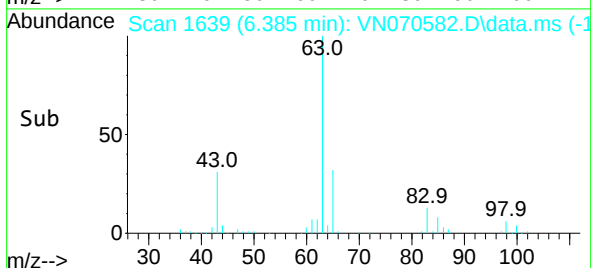
Reviewed By :John Carlone 01/13/2022
 Supervised By :Mahesh Dadoda 01/13/2022



#24
 1,1-Dichloroethane
 Concen: 17.786 ug/l
 RT: 6.385 min Scan# 1639
 Delta R.T. -0.003 min
 Lab File: VN070582.D
 Acq: 12 Jan 2022 13:29



Tgt Ion: 63 Resp: 367072
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.3 9.9
 100 3.6 2.1 6.5





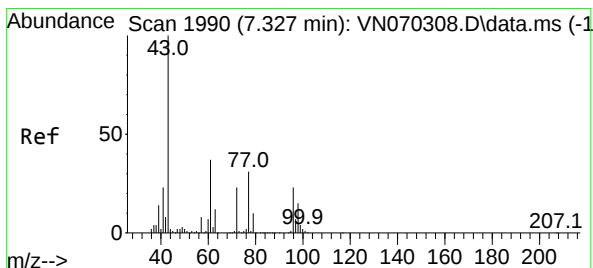
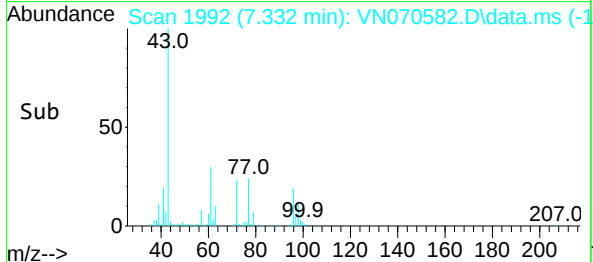
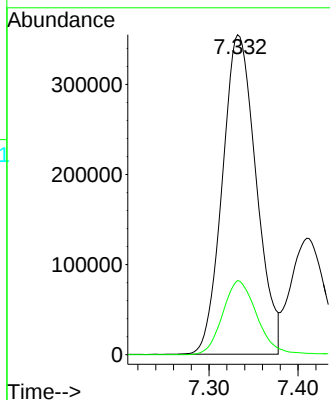
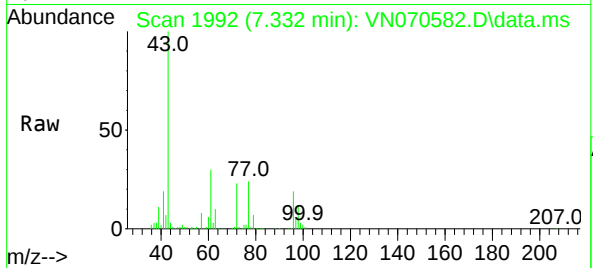
#25
2-Butanone
Concen: 90.224 ug/l
RT: 7.332 min Scan# 1992
Delta R.T. -0.003 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01

Tgt Ion: 43 Resp: 938408
Ion Ratio Lower Upper
43 100
72 23.2 21.7 32.5

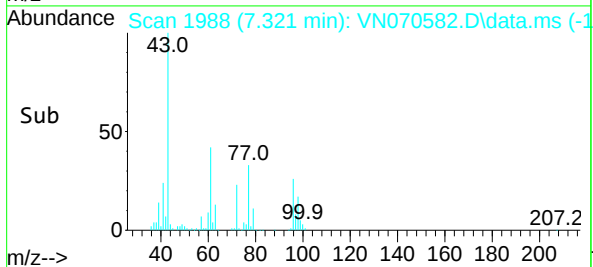
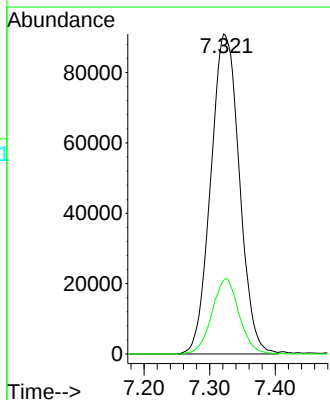
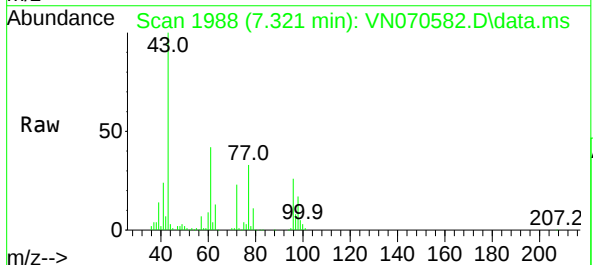
Manual Integrations
APPROVED

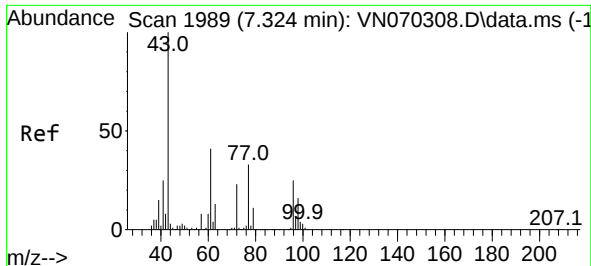
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022



#26
2,2-Dichloropropane
Concen: 16.915 ug/l
RT: 7.321 min Scan# 1988
Delta R.T. -0.006 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

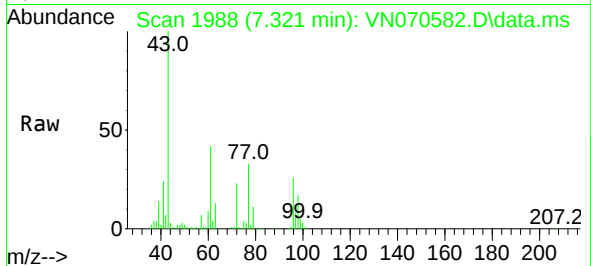
Tgt Ion: 77 Resp: 275397
Ion Ratio Lower Upper
77 100
97 22.3 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 18.033 ug/l
RT: 7.321 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

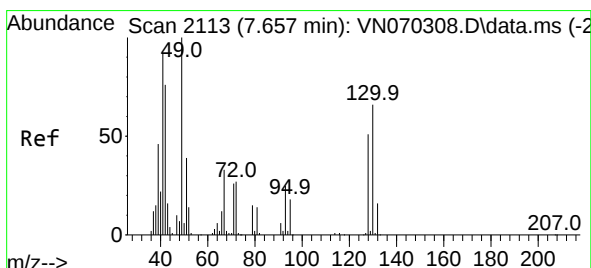
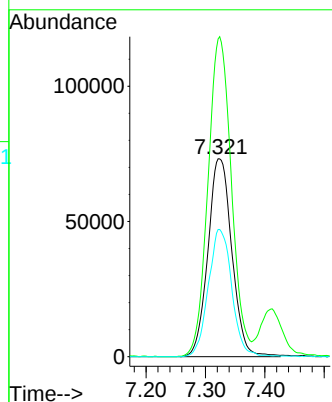
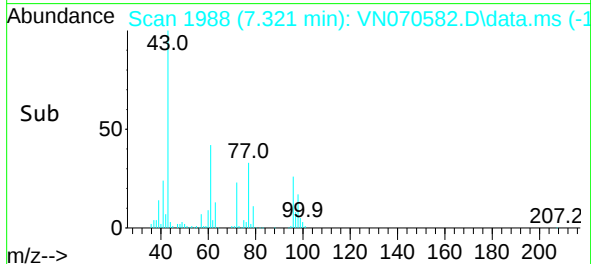
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



Tgt Ion: 96 Resp: 20534
Ion Ratio Lower Upper
96 100
61 157.8 0.0 275.0
98 62.7 0.0 129.6

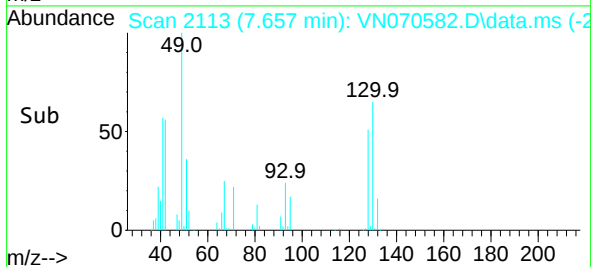
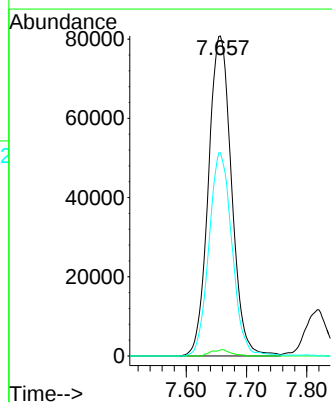
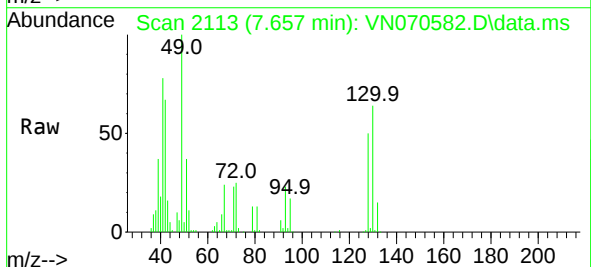
Manual Integrations
APPROVED

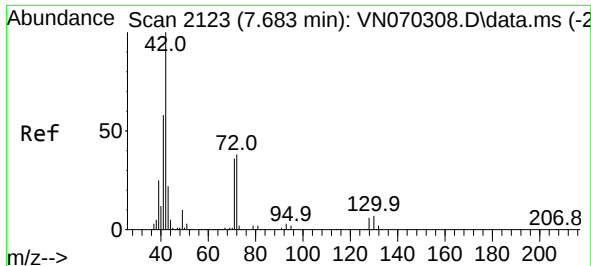
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022



#28
Bromochloromethane
Concen: 21.345 ug/l
RT: 7.657 min Scan# 2113
Delta R.T. -0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

Tgt Ion: 49 Resp: 215439
Ion Ratio Lower Upper
49 100
129 1.0 0.0 4.0
130 62.6 67.8 101.8#





#29

Tetrahydrofuran

Concen: 93.261 ug/l

RT: 7.683 min Scan# 2123

Delta R.T. 0.000 min

Lab File: VN070582.D

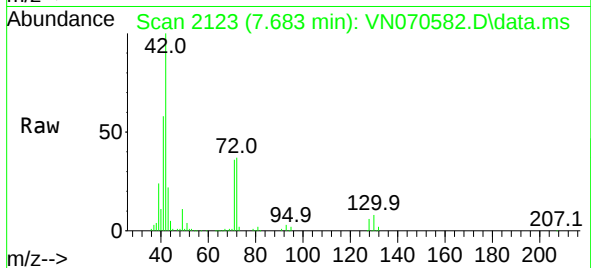
Acq: 12 Jan 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBSD01



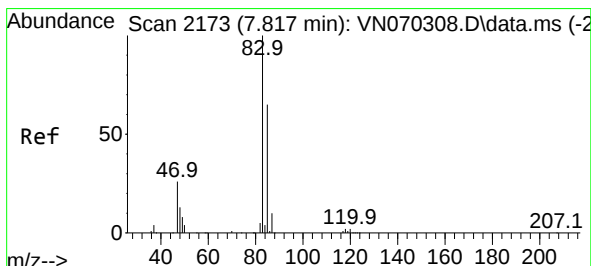
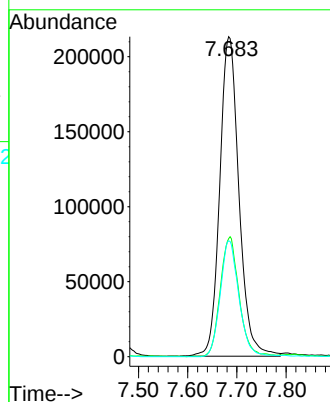
Tgt Ion:	42	Resp:	57872
Ion Ratio	100	Lower	Upper
42	100		
72	36.1	36.3	54.5
71	35.2	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2022

Supervised By :Mahesh Dadoda 01/13/2022



#30

Chloroform

Concen: 17.668 ug/l

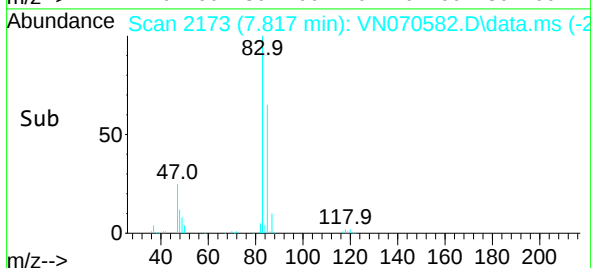
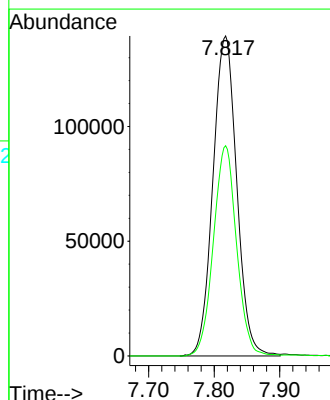
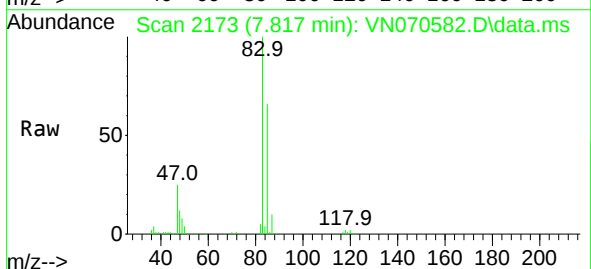
RT: 7.817 min Scan# 2173

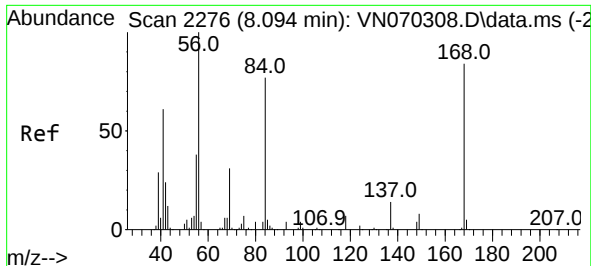
Delta R.T. 0.000 min

Lab File: VN070582.D

Acq: 12 Jan 2022 13:29

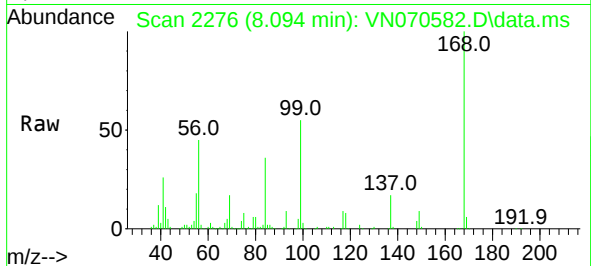
Tgt Ion:	83	Resp:	351776
Ion Ratio	100	Lower	Upper
83	100		
85	65.7	51.9	77.9





#31
Cyclohexane
Concen: 17.728 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. -0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

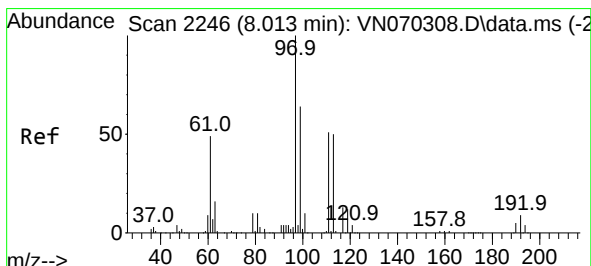
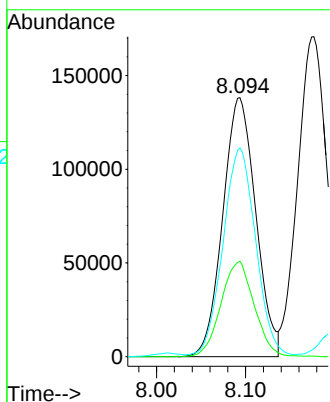
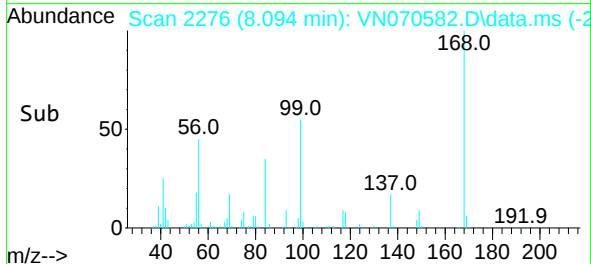
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



Tgt Ion: 56 Resp: 355990
Ion Ratio Lower Upper
56 100
69 36.6 27.1 40.7
84 79.6 73.4 110.0

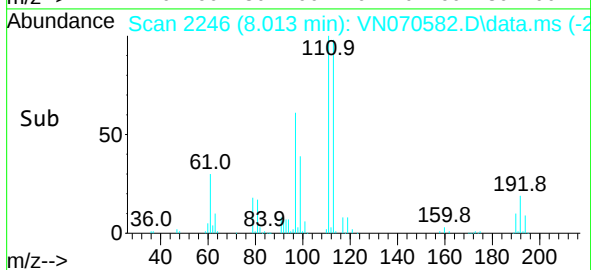
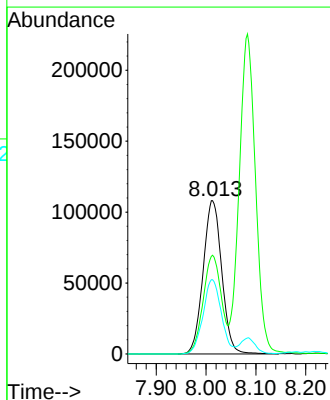
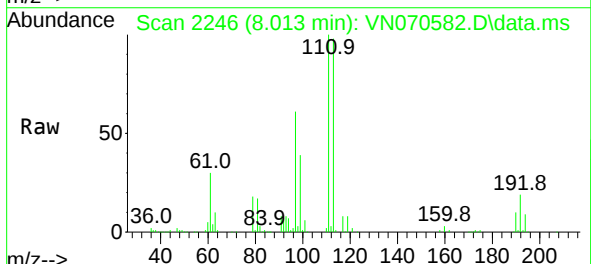
Manual Integrations
APPROVED

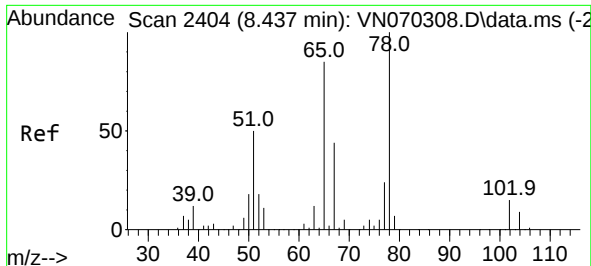
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022



#32
1,1,1-Trichloroethane
Concen: 16.756 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

Tgt Ion: 97 Resp: 281297
Ion Ratio Lower Upper
97 100
99 62.0 50.1 75.1
61 47.7 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 48.136 ug/l

RT: 8.434 min Scan# 2404

Delta R.T. -0.003 min

Lab File: VN070582.D

Acq: 12 Jan 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBSD01

Tgt Ion: 65 Resp: 61251

Ion Ratio Lower Upper

65 100

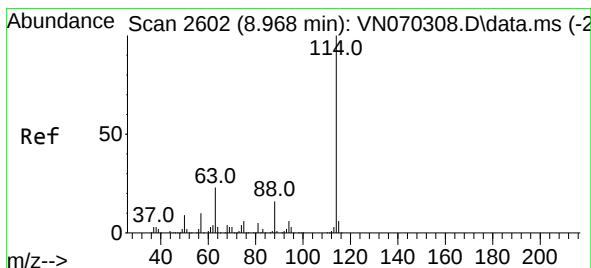
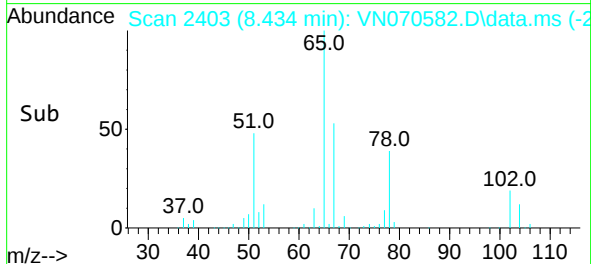
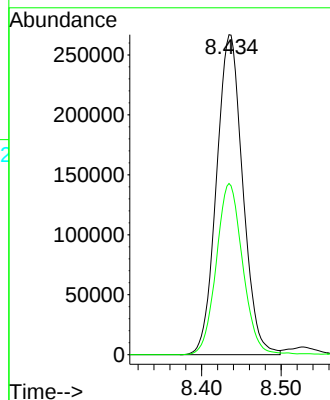
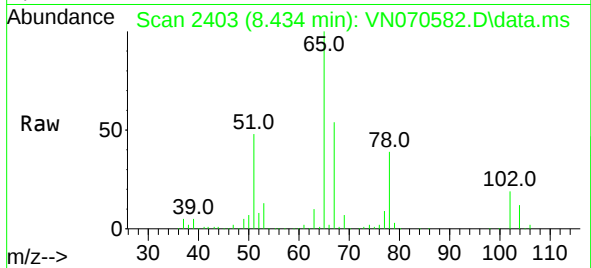
67 53.6 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2022

Supervised By :Mahesh Dadoda 01/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.965 min Scan# 2601

Delta R.T. -0.003 min

Lab File: VN070582.D

Acq: 12 Jan 2022 13:29

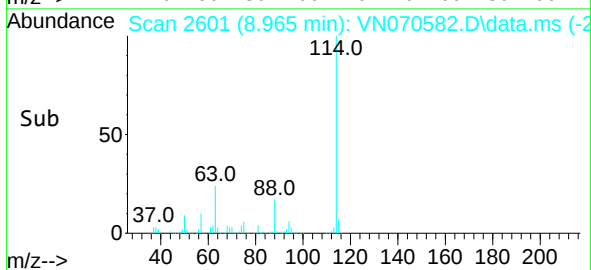
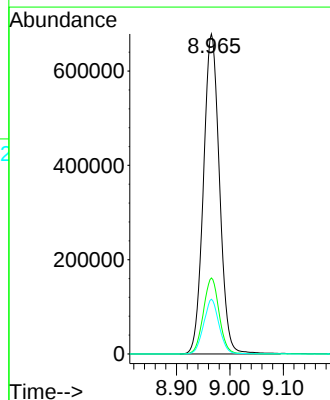
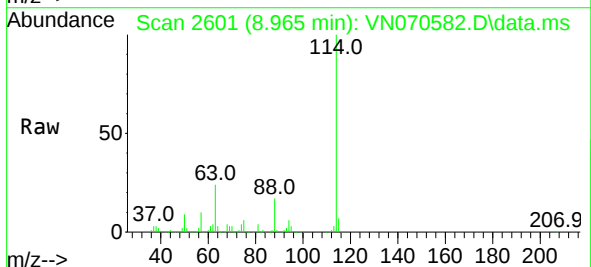
Tgt Ion:114 Resp: 1417434

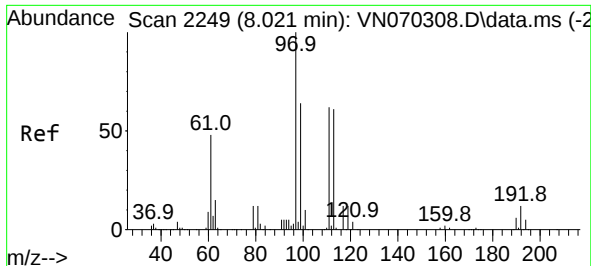
Ion Ratio Lower Upper

114 100

63 23.8 0.0 37.8

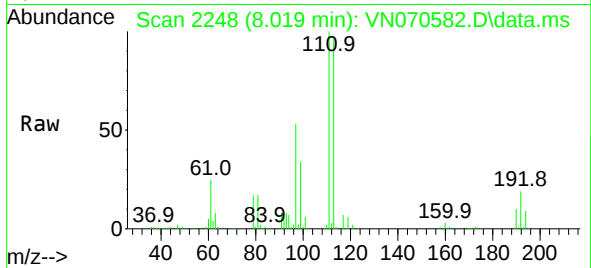
88 17.1 0.0 27.4





#35
Dibromofluoromethane
Concen: 52.026 ug/l
RT: 8.019 min Scan# 2249
Delta R.T. -0.002 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

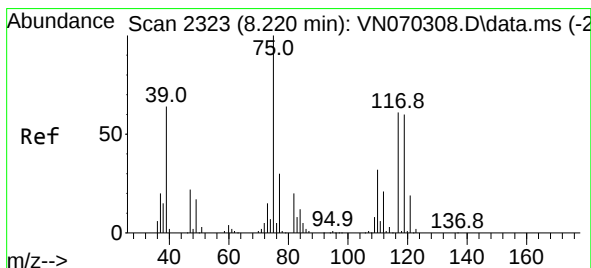
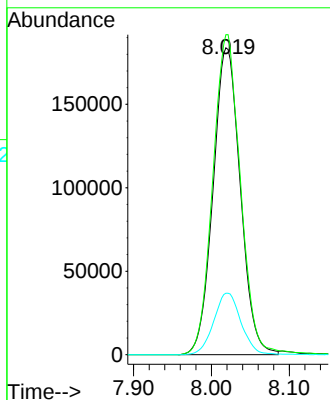
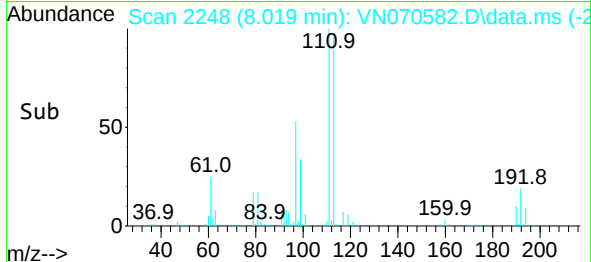
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



Tgt Ion: 113 Resp: 446188
Ion Ratio Lower Upper
113 100
111 105.9 82.2 123.2
192 20.1 16.9 25.3

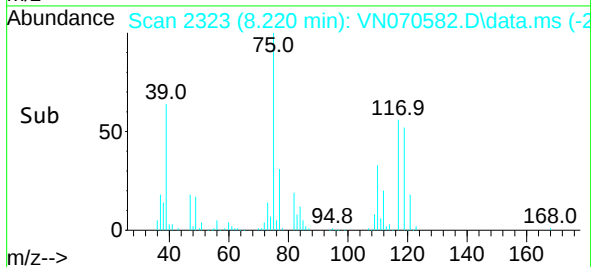
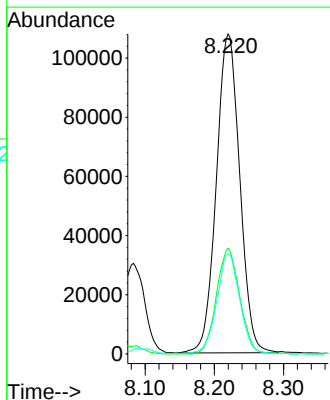
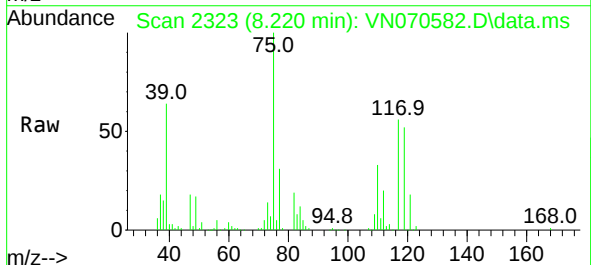
Manual Integrations
APPROVED

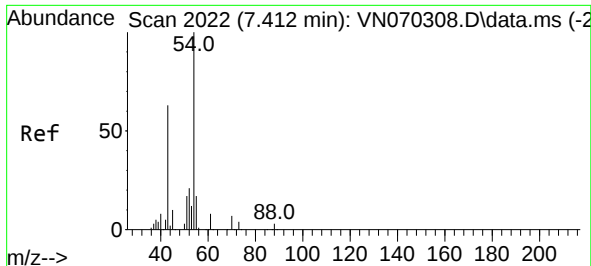
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022



#36
1,1-Dichloropropene
Concen: 17.865 ug/l
RT: 8.220 min Scan# 2323
Delta R.T. -0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

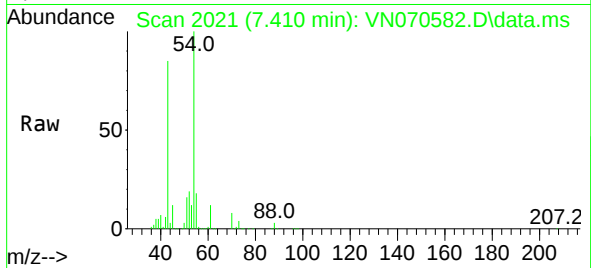
Tgt Ion: 75 Resp: 253461
Ion Ratio Lower Upper
75 100
110 32.8 18.4 55.2
77 30.4 24.4 36.6





#37
Ethyl Acetate
Concen: 19.133 ug/l
RT: 7.410 min Scan# 2022
Delta R.T. -0.002 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

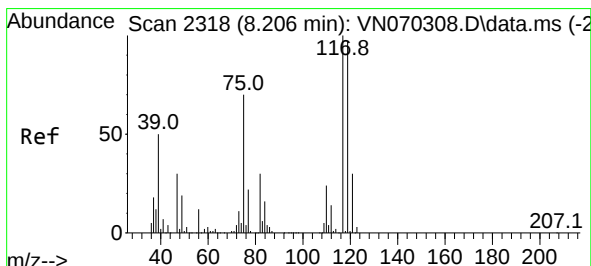
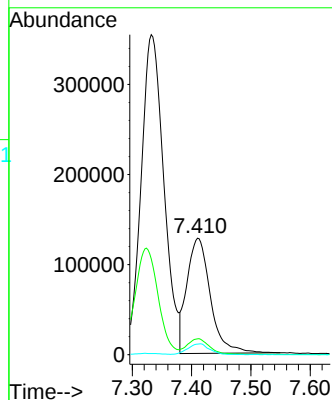
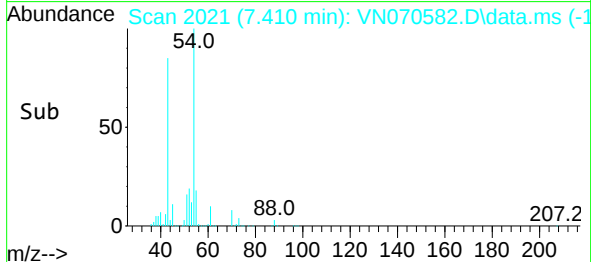
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



Tgt Ion: 43 Resp: 351849
Ion Ratio Lower Upper
43 100
61 12.8 11.5 17.3
70 8.0 7.9 11.9

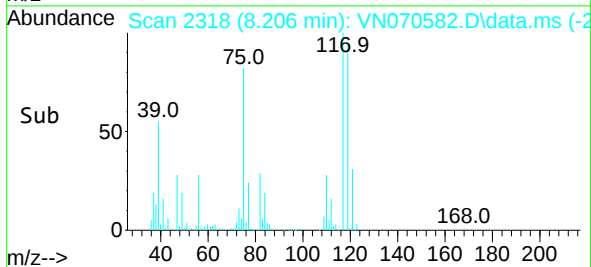
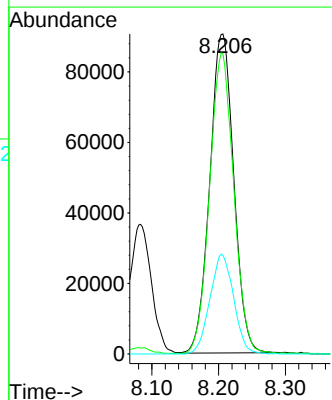
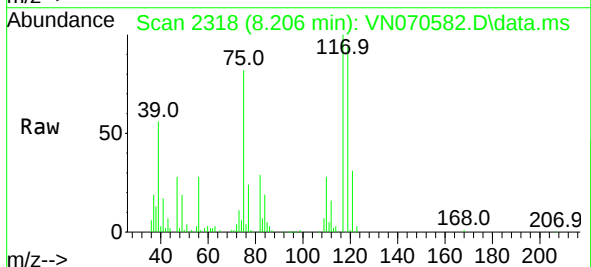
Manual Integrations
APPROVED

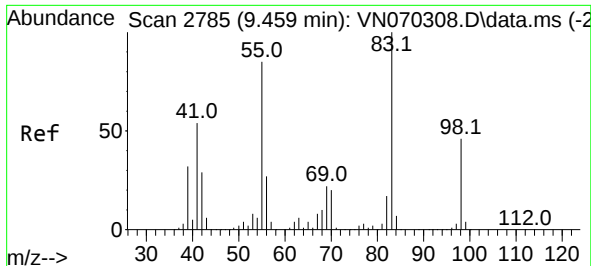
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022



#38
Carbon Tetrachloride
Concen: 16.684 ug/l
RT: 8.206 min Scan# 2318
Delta R.T. 0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

Tgt Ion:117 Resp: 226019
Ion Ratio Lower Upper
117 100
119 94.0 76.1 114.1
121 31.0 24.2 36.2





#39

Methylcyclohexane

Concen: 17.871 ug/l

RT: 9.456 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070582.D

Acq: 12 Jan 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBSD01

Tgt Ion: 83 Resp: 306944

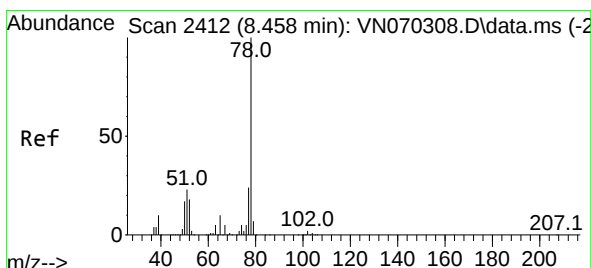
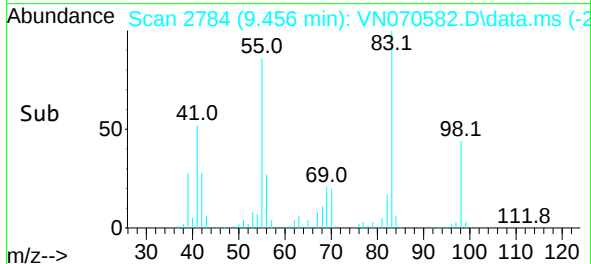
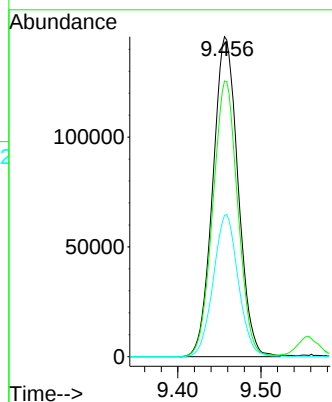
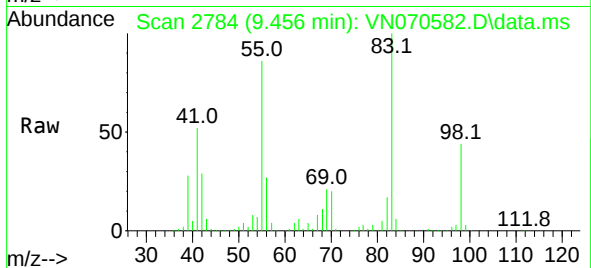
Ion	Ratio	Lower	Upper
83	100		
55	86.1	58.1	87.1
98	44.2	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2022

Supervised By :Mahesh Dadoda 01/13/2022



#40

Benzene

Concen: 18.528 ug/l

RT: 8.458 min Scan# 2412

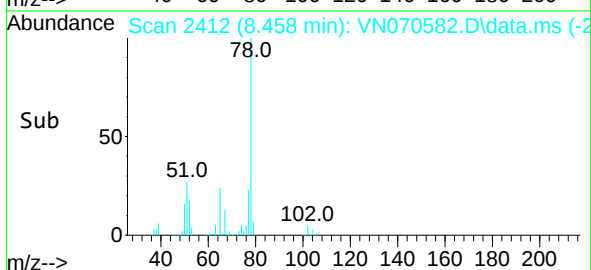
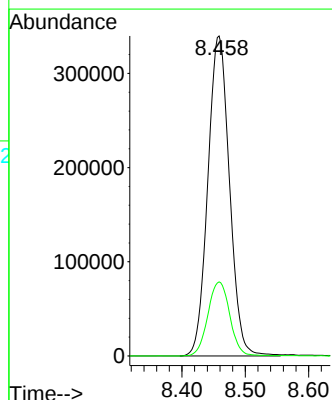
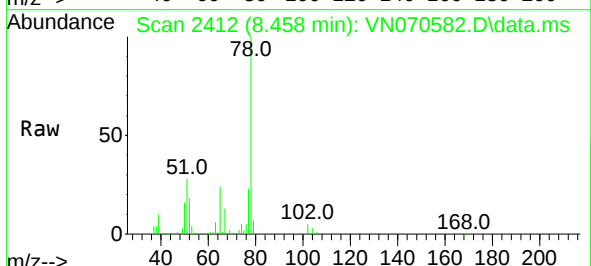
Delta R.T. 0.000 min

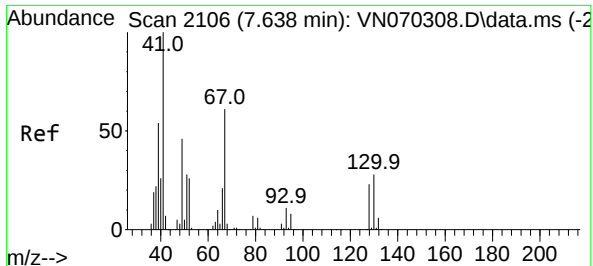
Lab File: VN070582.D

Acq: 12 Jan 2022 13:29

Tgt Ion: 78 Resp: 805866

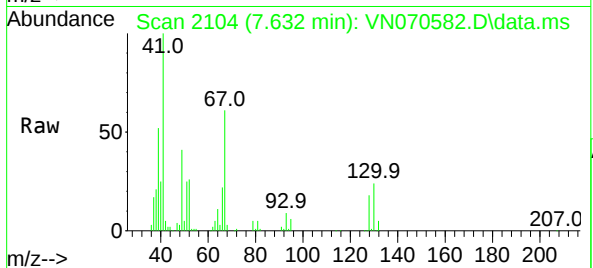
Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.6	27.8





#41
Methacrylonitrile
Concen: 20.148 ug/l
RT: 7.632 min Scan# 2106
Delta R.T. -0.006 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

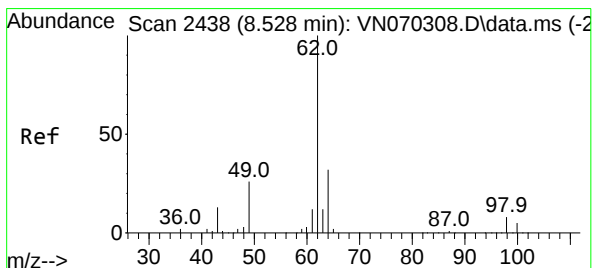
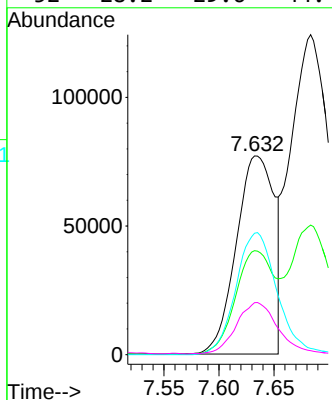
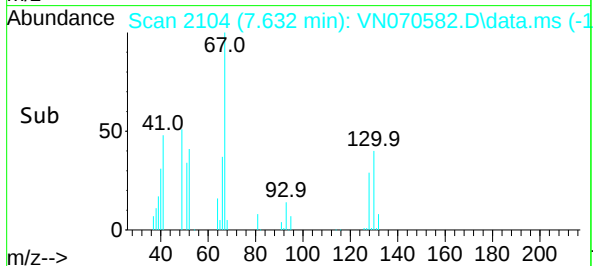
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



Tgt Ion: 41 Resp: 185320
Ion Ratio Lower Upper
41 100
39 51.9 48.1 72.1
67 67.2 68.3 102.5
52 28.2 29.6 44.4#

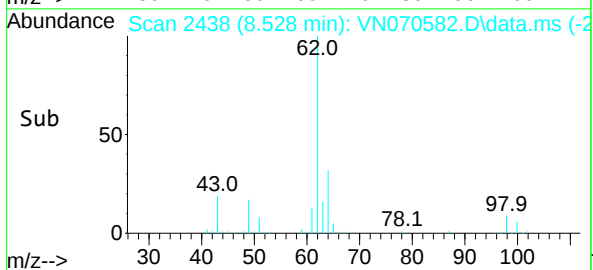
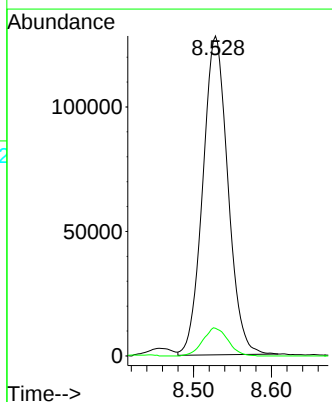
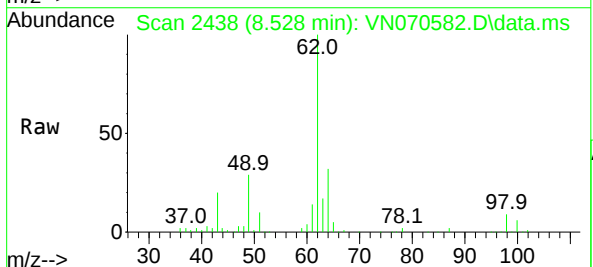
Manual Integrations
APPROVED

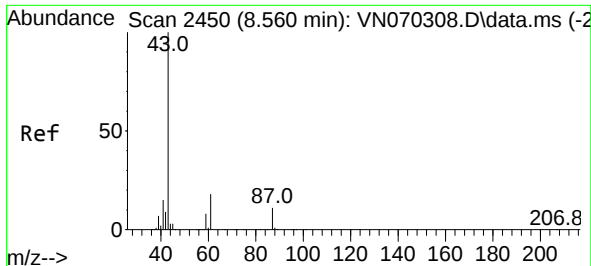
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022



#42
1,2-Dichloroethane
Concen: 17.566 ug/l
RT: 8.528 min Scan# 2438
Delta R.T. 0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

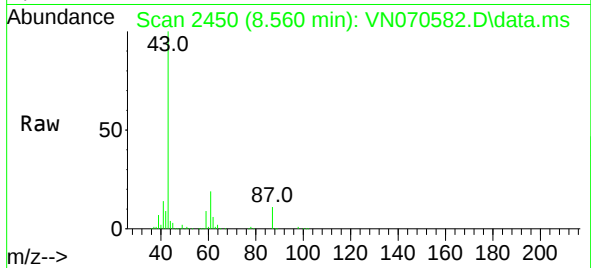
Tgt Ion: 62 Resp: 287182
Ion Ratio Lower Upper
62 100
98 8.8 0.0 17.6





#43
Isopropyl Acetate
Concen: 19.139 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

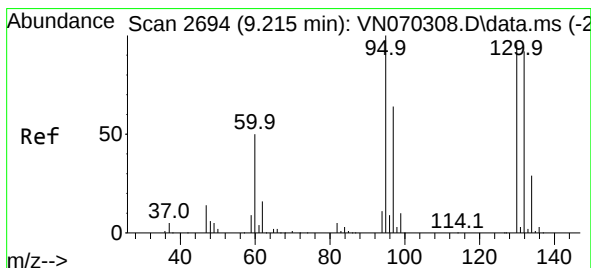
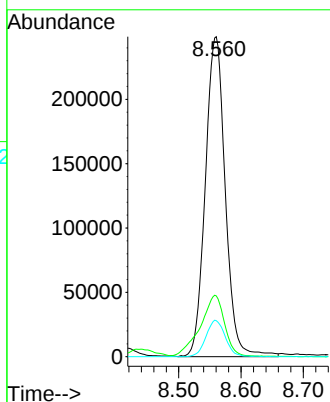
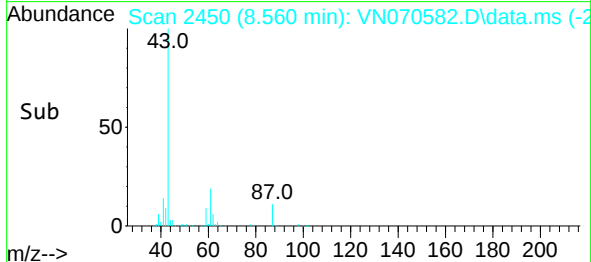
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



Tgt Ion: 43 Resp: 554900
Ion Ratio Lower Upper
43 100
61 23.1 20.4 30.6
87 11.0 11.2 16.8

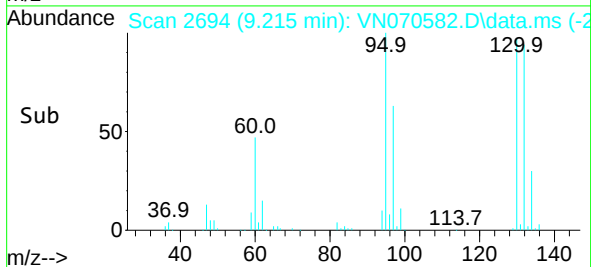
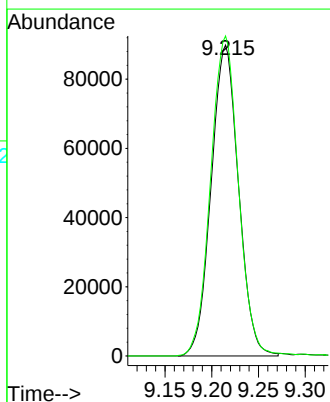
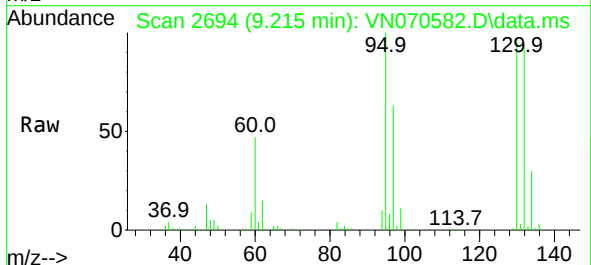
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022



#44
Trichloroethene
Concen: 17.748 ug/l
RT: 9.215 min Scan# 2694
Delta R.T. -0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

Tgt Ion:130 Resp: 183421
Ion Ratio Lower Upper
130 100
95 102.7 0.0 191.2





#45

1,2-Dichloropropane

Concen: 19.483 ug/l

RT: 9.488 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070582.D

Acq: 12 Jan 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBSD01

Tgt Ion: 63 Resp: 22816

Ion Ratio Lower Upper

63 100

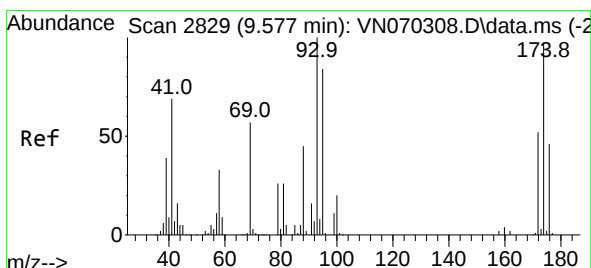
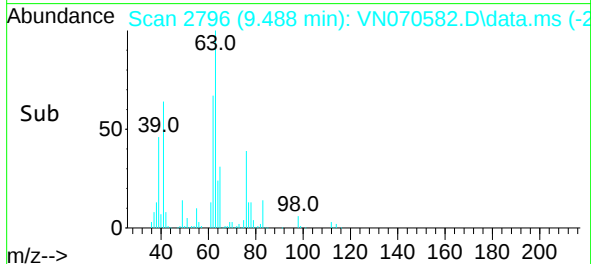
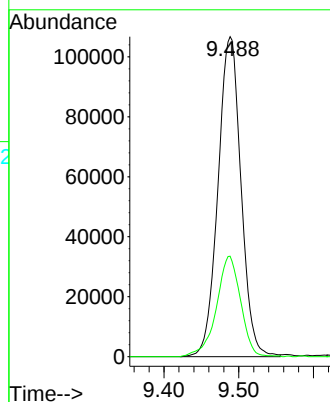
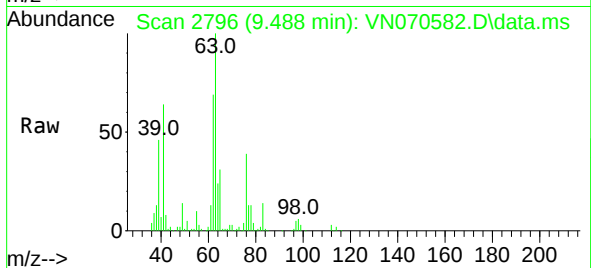
65 31.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2022

Supervised By :Mahesh Dadoda 01/13/2022



#46

Dibromomethane

Concen: 18.219 ug/l

RT: 9.574 min Scan# 2828

Delta R.T. -0.003 min

Lab File: VN070582.D

Acq: 12 Jan 2022 13:29

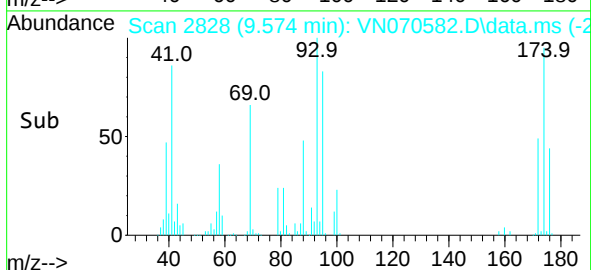
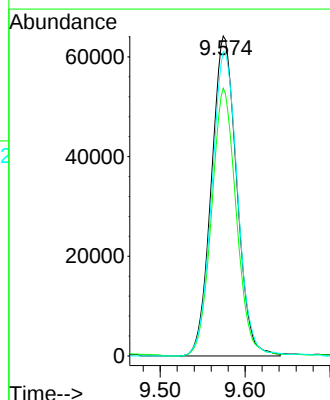
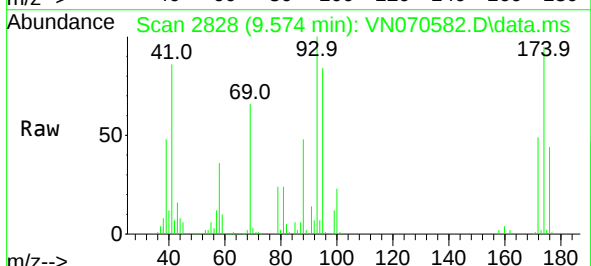
Tgt Ion: 93 Resp: 132673

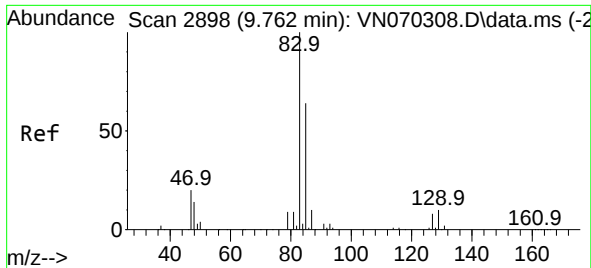
Ion Ratio Lower Upper

93 100

95 81.9 65.9 98.9

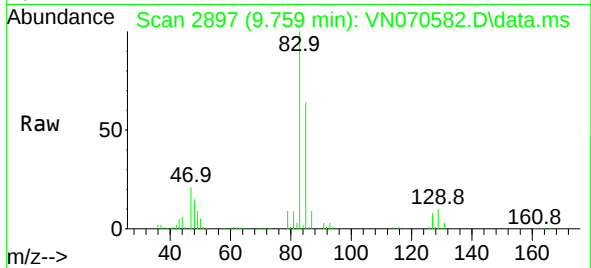
174 96.8 84.6 127.0





#47
Bromodichloromethane
Concen: 18.108 ug/l
RT: 9.759 min Scan# 2898
Delta R.T. -0.003 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

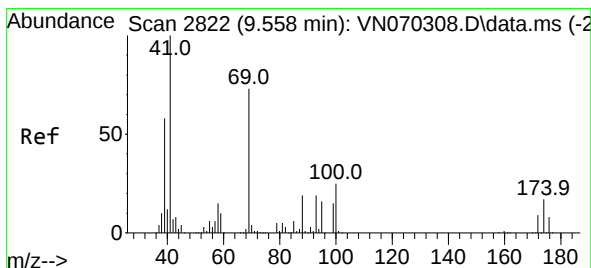
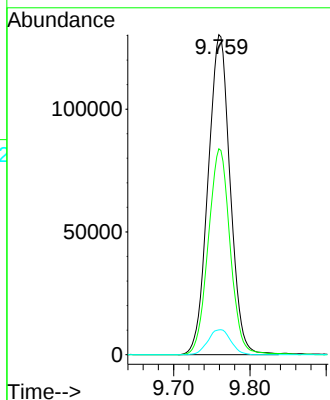
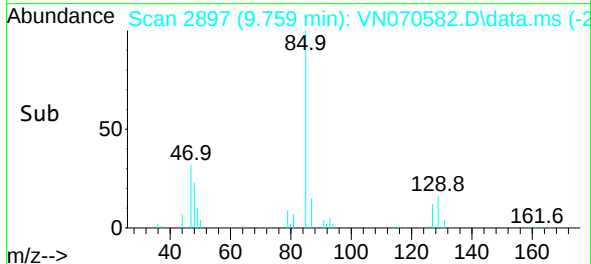
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



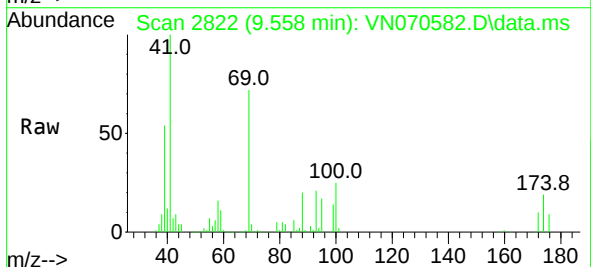
Tgt Ion: 83 Resp: 261829
Ion Ratio Lower Upper
83 100
85 64.4 50.9 76.3
127 7.7 7.1 10.7

Manual Integrations
APPROVED

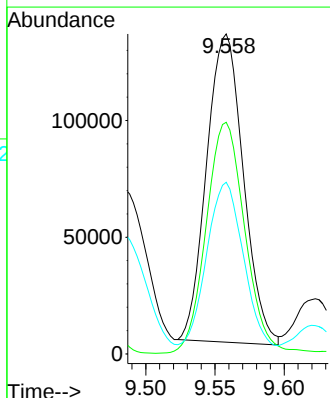
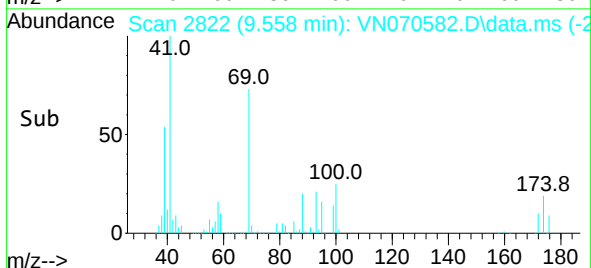
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022

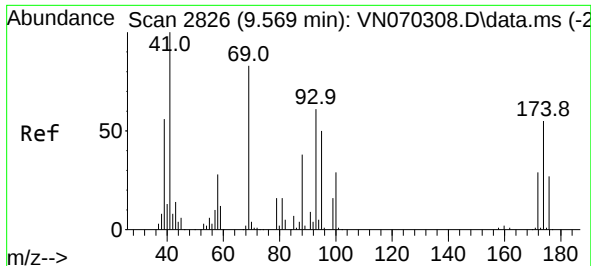


#48
Methyl methacrylate
Concen: 17.640 ug/l
RT: 9.558 min Scan# 2822
Delta R.T. 0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29



Tgt Ion: 41 Resp: 243960
Ion Ratio Lower Upper
41 100
69 78.9 72.4 108.6
39 57.2 58.4 87.6#





#49

1,4-Dioxane

Concen: 367.899 ug/l

RT: 9.569 min Scan# 2826

Delta R.T. -0.000 min

Lab File: VN070582.D

Acq: 12 Jan 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBSD01

Tgt Ion: 88 Resp: 74478

Ion Ratio Lower Upper

88 100

43 37.1 23.4 35.2

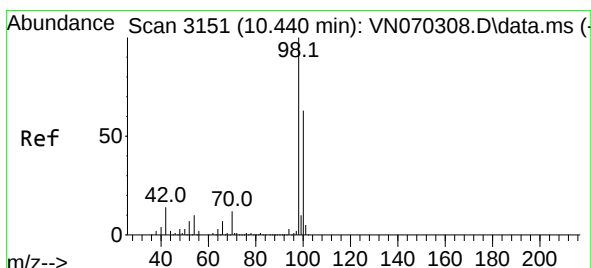
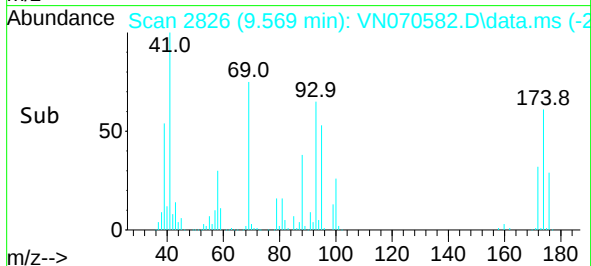
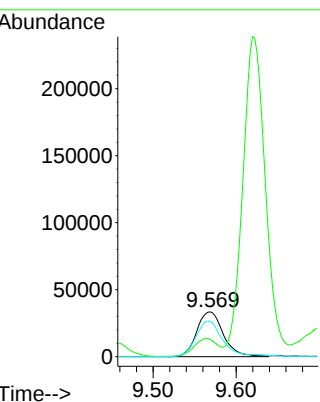
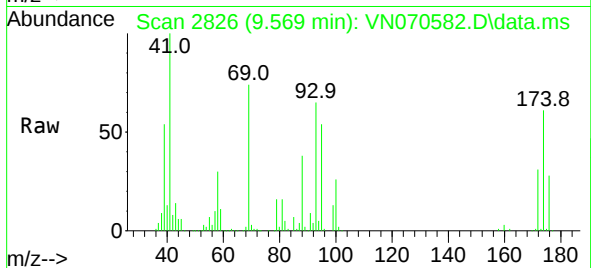
58 78.5 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2022

Supervised By :Mahesh Dadoda 01/13/2022



#50

Toluene-d8

Concen: 51.765 ug/l

RT: 10.438 min Scan# 3150

Delta R.T. -0.002 min

Lab File: VN070582.D

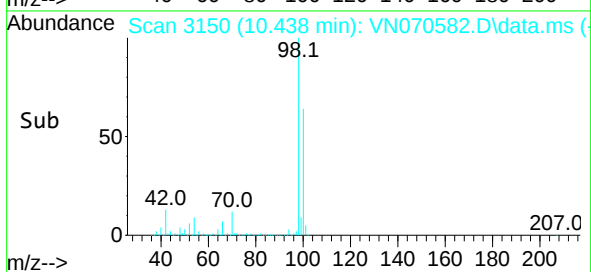
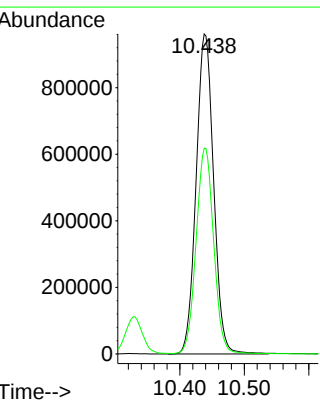
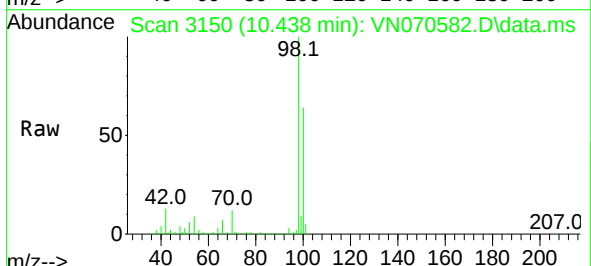
Acq: 12 Jan 2022 13:29

Tgt Ion: 98 Resp: 1813548

Ion Ratio Lower Upper

98 100

100 64.3 50.4 75.6





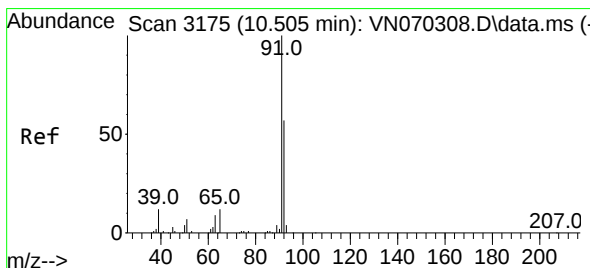
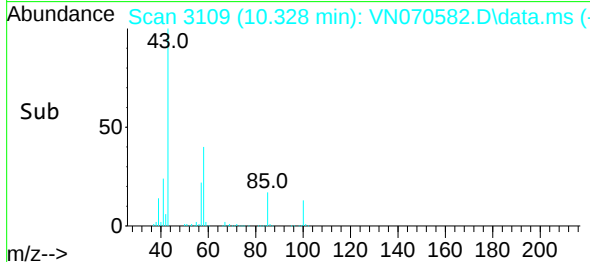
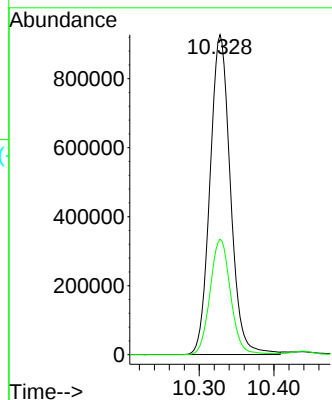
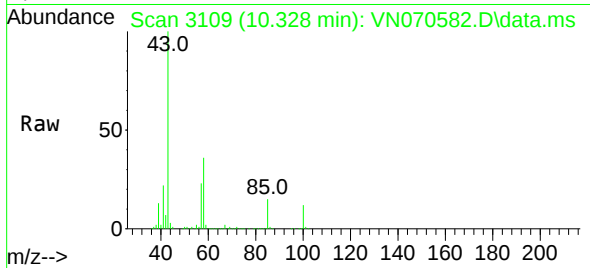
#51
4-Methyl-2-Pentanone
Concen: 96.487 ug/l
RT: 10.328 min Scan# 3110
Delta R.T. -0.002 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01

Tgt Ion: 43 Resp: 1757830
Ion Ratio Lower Upper
43 100
58 36.3 30.4 45.6

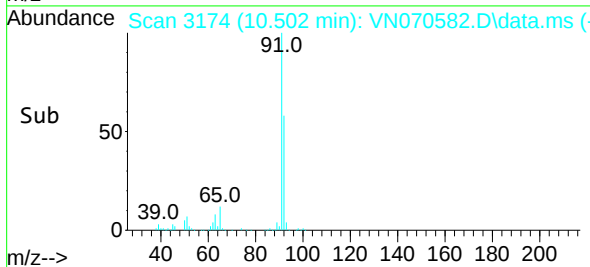
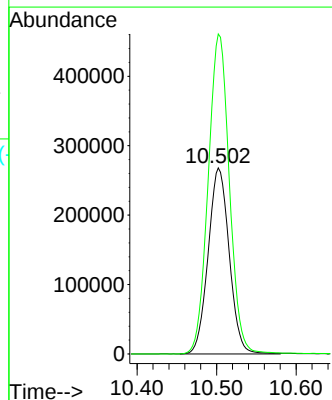
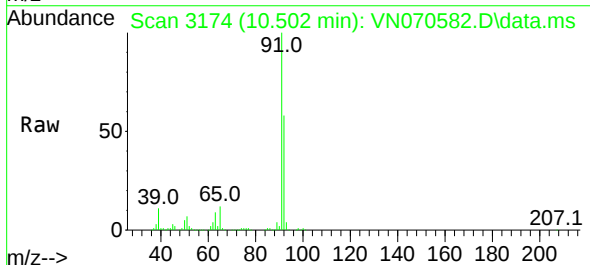
Manual Integrations
APPROVED

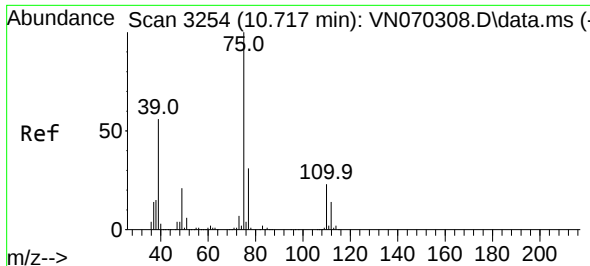
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022



#52
Toluene
Concen: 18.726 ug/l
RT: 10.502 min Scan# 3174
Delta R.T. -0.003 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

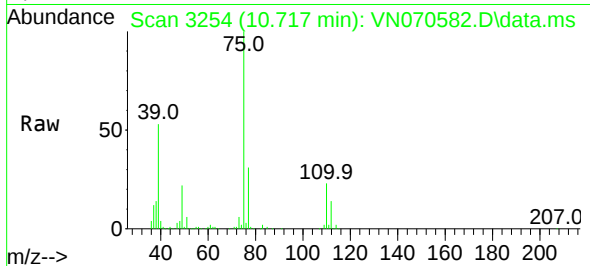
Tgt Ion: 92 Resp: 492992
Ion Ratio Lower Upper
92 100
91 173.2 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 18.273 ug/l
RT: 10.717 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

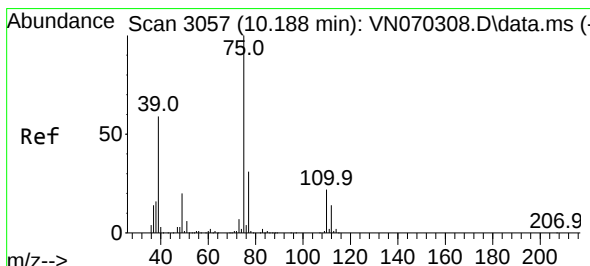
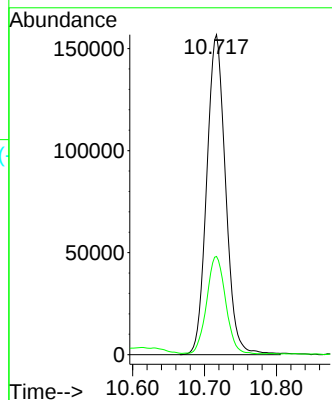
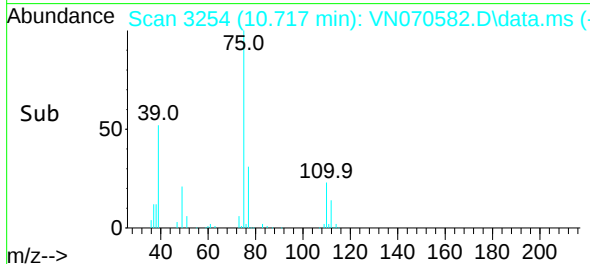
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



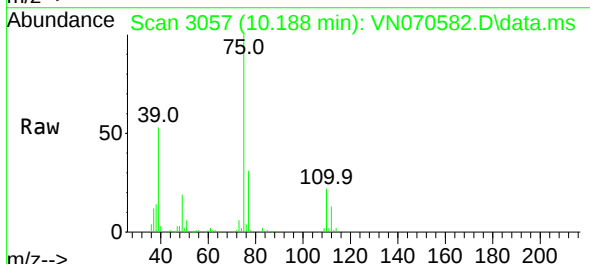
Tgt Ion: 75 Resp: 286039
Ion Ratio Lower Upper
75 100
77 30.5 25.6 38.4

Manual Integrations
APPROVED

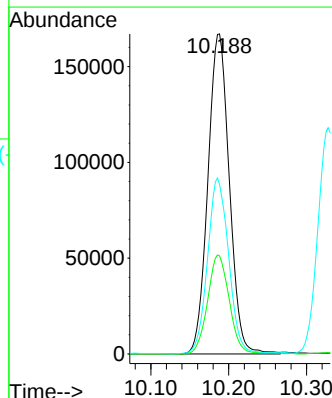
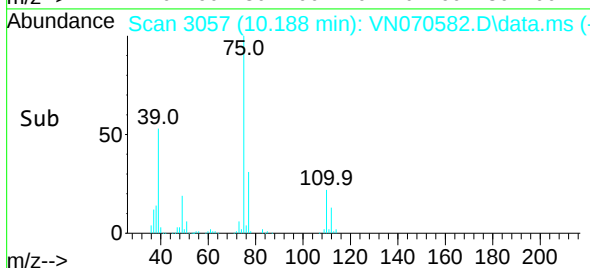
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022

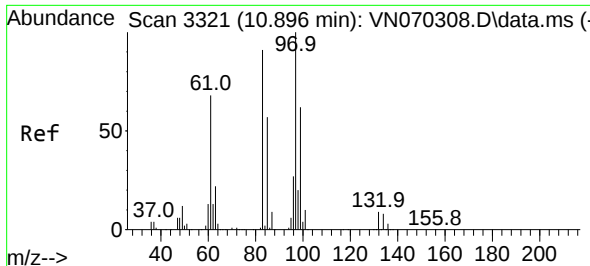


#54
cis-1,3-Dichloropropene
Concen: 18.884 ug/l
RT: 10.188 min Scan# 3057
Delta R.T. 0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29



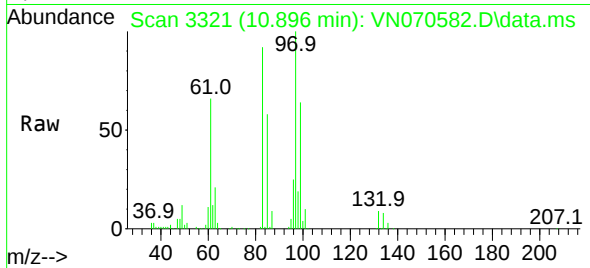
Tgt Ion: 75 Resp: 319773
Ion Ratio Lower Upper
75 100
77 30.6 26.4 39.6
39 52.8 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 19.080 ug/l
RT: 10.896 min Scan# 3321
Delta R.T. 0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

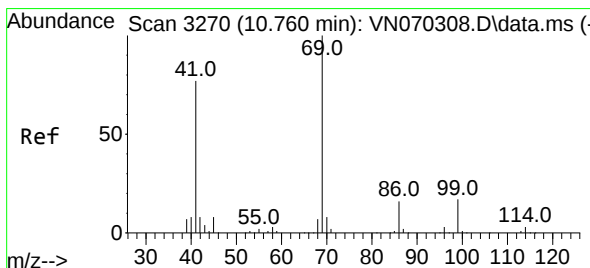
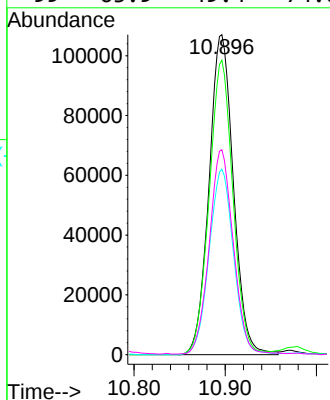
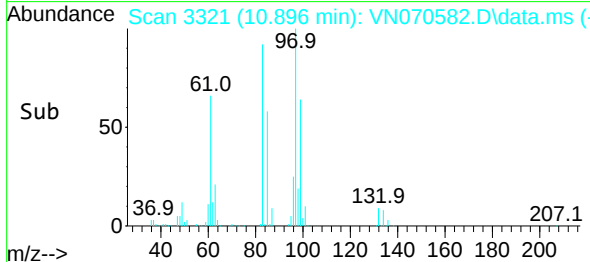
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



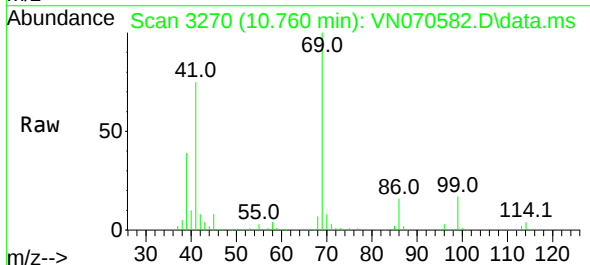
Tgt Ion:	97	Resp:	198749
Ion	Ratio	Lower	Upper
97	100		
83	92.0	67.8	101.6
85	58.0	45.4	68.2
99	63.9	49.4	74.0

Manual Integrations
APPROVED

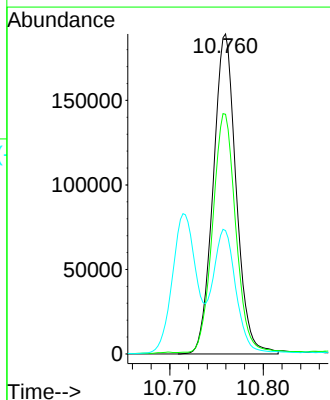
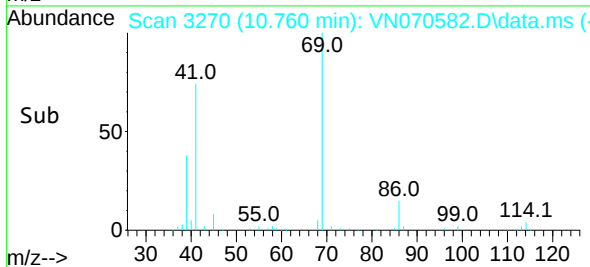
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022

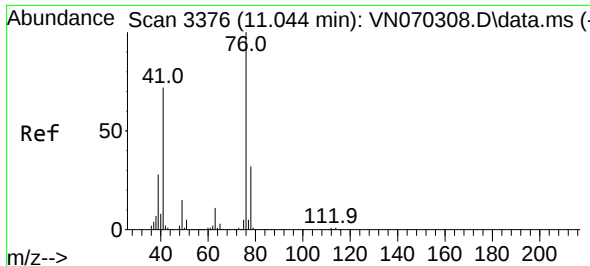


#56
Ethyl methacrylate
Concen: 18.793 ug/l
RT: 10.760 min Scan# 3270
Delta R.T. -0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29



Tgt Ion:	69	Resp:	323458
Ion	Ratio	Lower	Upper
69	100		
41	75.3	51.4	77.0
39	38.3	34.6	52.0





#57

1,3-Dichloropropane

Concen: 19.112 ug/l

RT: 11.041 min Scan# 31

Delta R.T. -0.003 min

Lab File: VN070582.D

Acq: 12 Jan 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBSD01

Tgt Ion: 76 Resp: 35211

Ion Ratio Lower Upper

76 100

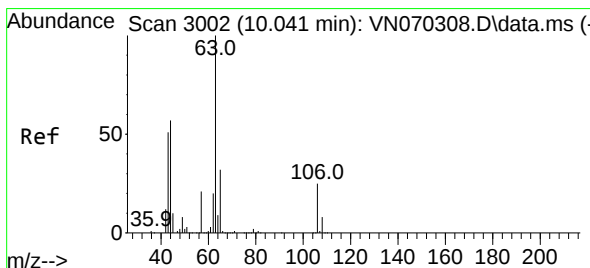
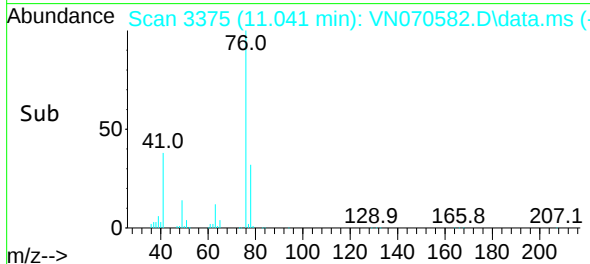
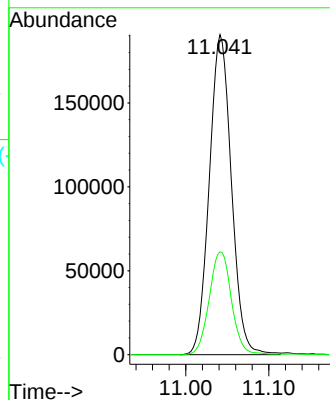
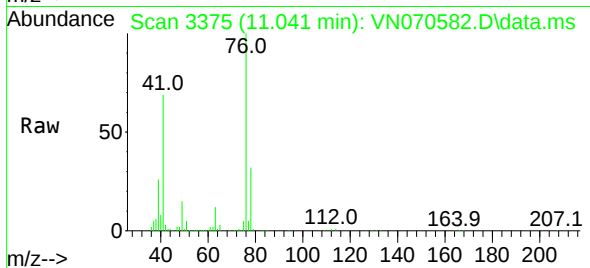
78 32.5 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2022

Supervised By :Mahesh Dadoda 01/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 77.177 ug/l

RT: 10.038 min Scan# 3001

Delta R.T. -0.003 min

Lab File: VN070582.D

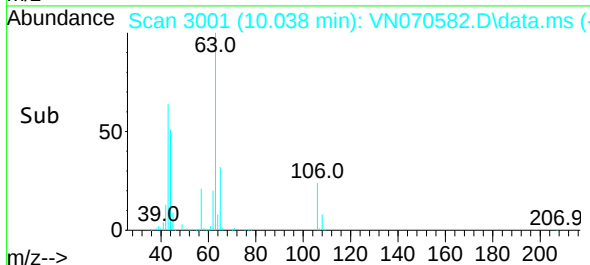
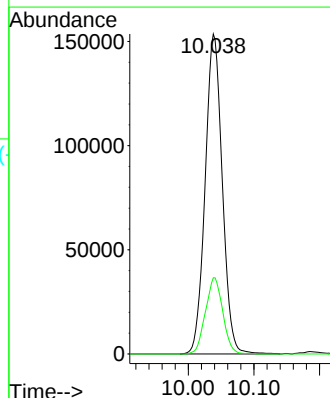
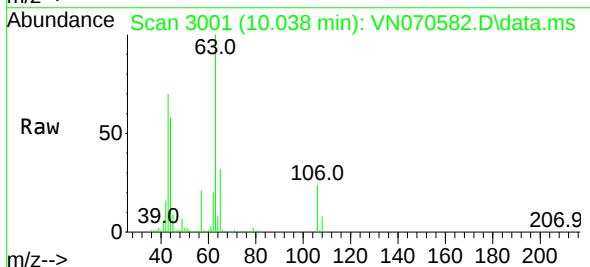
Acq: 12 Jan 2022 13:29

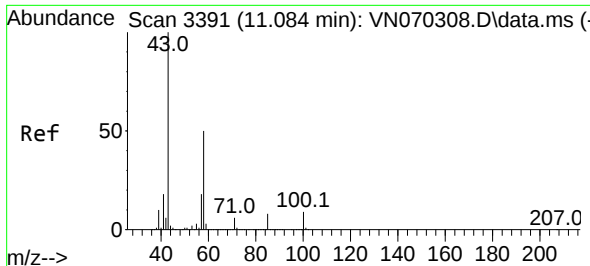
Tgt Ion: 63 Resp: 278538

Ion Ratio Lower Upper

63 100

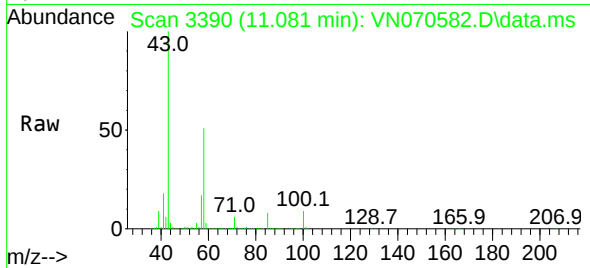
106 24.0 23.9 35.9





#59
2-Hexanone
Concen: 95.730 ug/l
RT: 11.081 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

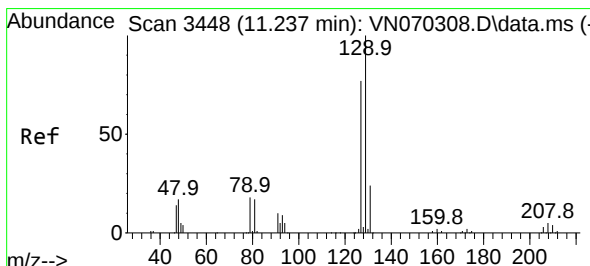
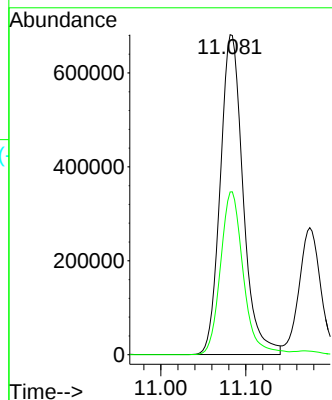
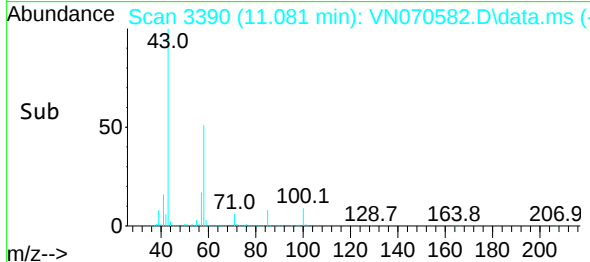
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



Tgt Ion: 43 Resp: 127184
Ion Ratio Lower Upper
43 100
58 50.9 26.9 80.7

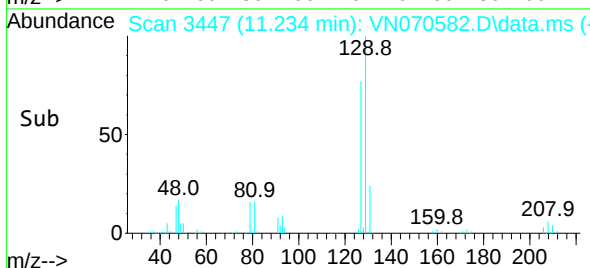
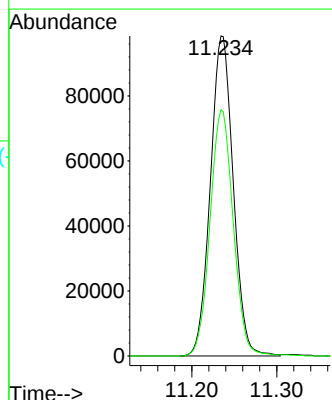
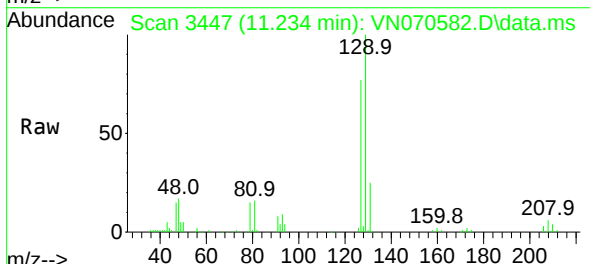
Manual Integrations
APPROVED

Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022



#60
Dibromochloromethane
Concen: 18.095 ug/l
RT: 11.234 min Scan# 3447
Delta R.T. -0.003 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

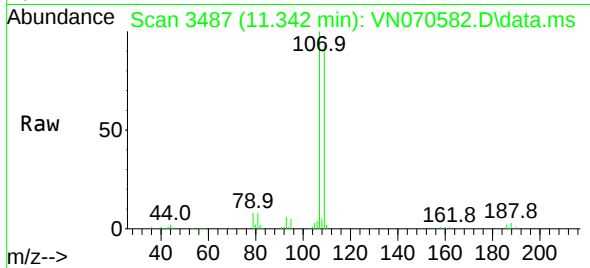
Tgt Ion:129 Resp: 183910
Ion Ratio Lower Upper
129 100
127 78.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.204 ug/l
RT: 11.342 min Scan# 3488
Delta R.T. -0.002 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

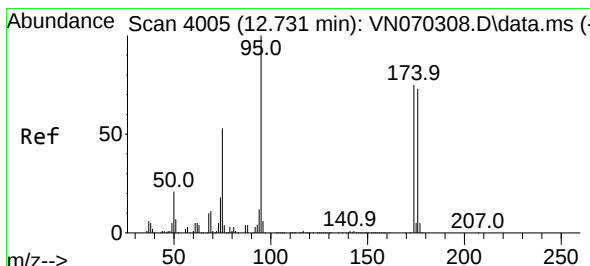
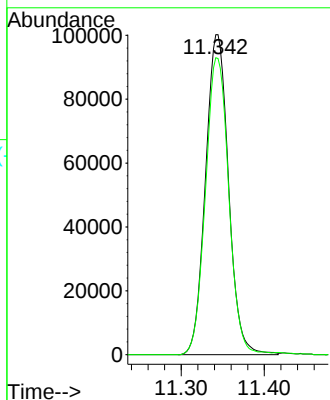
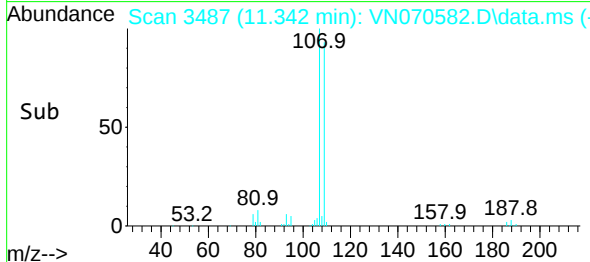
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



Tgt Ion:107 Resp: 192540
Ion Ratio Lower Upper
107 100
109 94.0 75.7 113.5

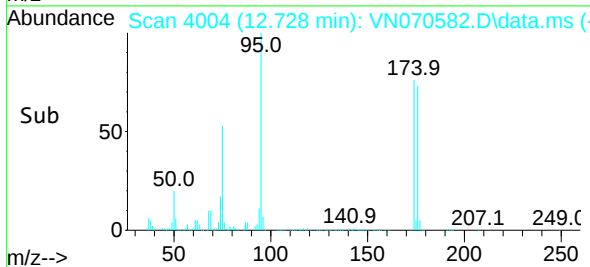
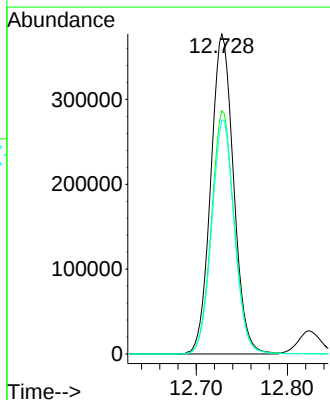
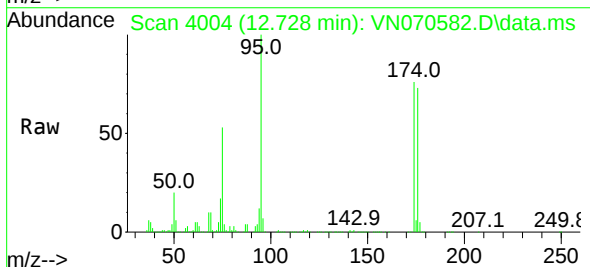
Manual Integrations
APPROVED

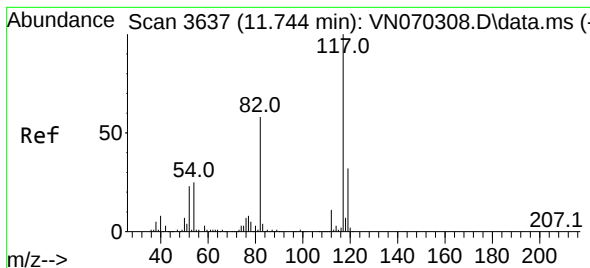
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022



#62
4-Bromofluorobenzene
Concen: 51.796 ug/l
RT: 12.728 min Scan# 4004
Delta R.T. -0.003 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

Tgt Ion: 95 Resp: 655416
Ion Ratio Lower Upper
95 100
174 76.1 0.0 187.2
176 73.0 0.0 181.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.741 min Scan# 3637

Delta R.T. -0.003 min

Lab File: VN070582.D

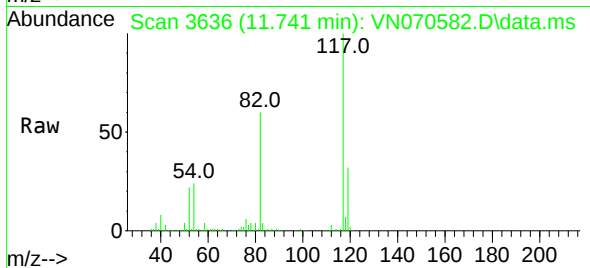
Acq: 12 Jan 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBSD01



Tgt Ion:117 Resp: 128824

Ion Ratio Lower Upper

117 100

82 59.9 42.4 63.6

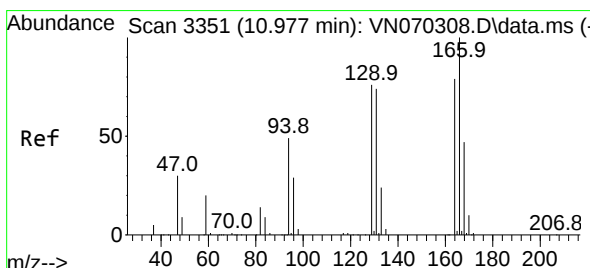
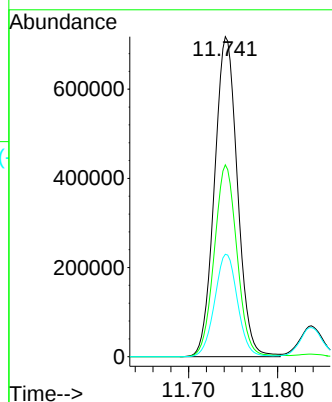
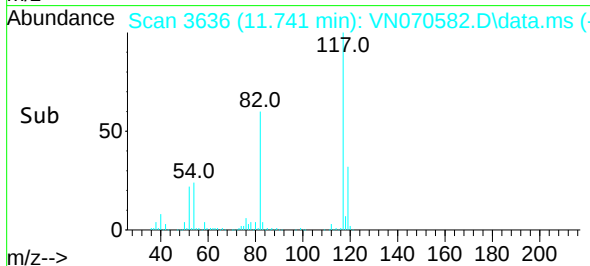
119 32.0 25.4 38.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2022

Supervised By :Mahesh Dadoda 01/13/2022



#64

Tetrachloroethene

Concen: 18.548 ug/l

RT: 10.974 min Scan# 3350

Delta R.T. -0.003 min

Lab File: VN070582.D

Acq: 12 Jan 2022 13:29

Tgt Ion:164 Resp: 173026

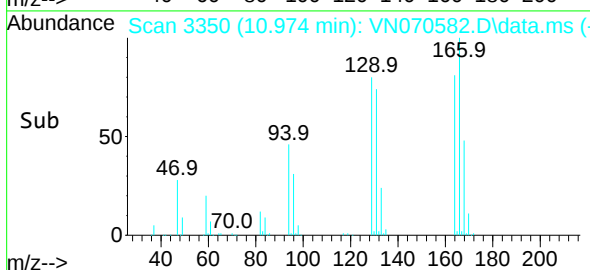
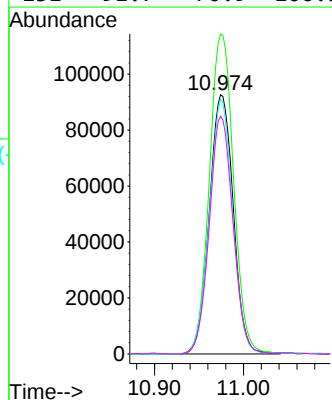
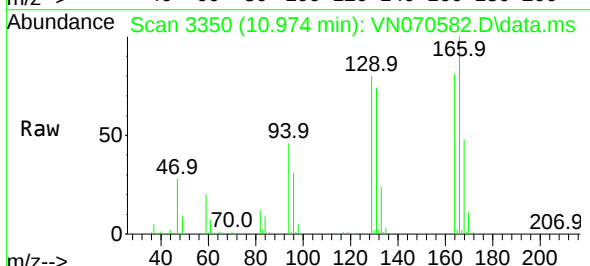
Ion Ratio Lower Upper

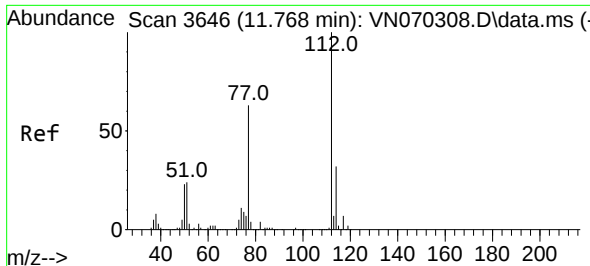
164 100

166 123.4 101.9 152.9

129 98.2 72.0 108.0

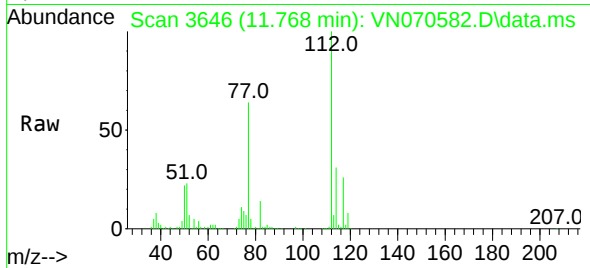
131 91.7 70.9 106.3





#65
Chlorobenzene
Concen: 18.594 ug/l
RT: 11.768 min Scan# 3646
Delta R.T. -0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

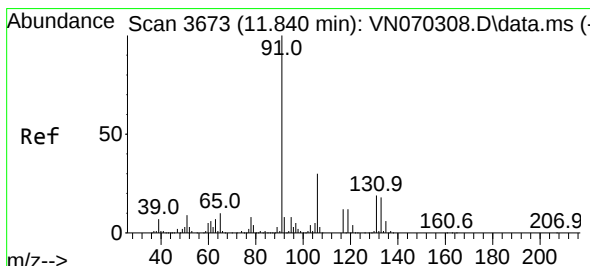
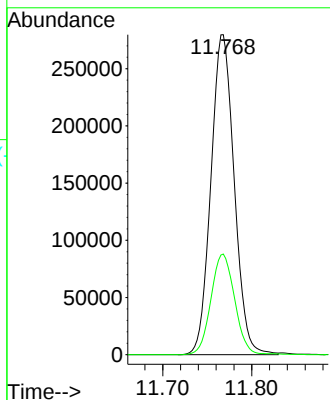
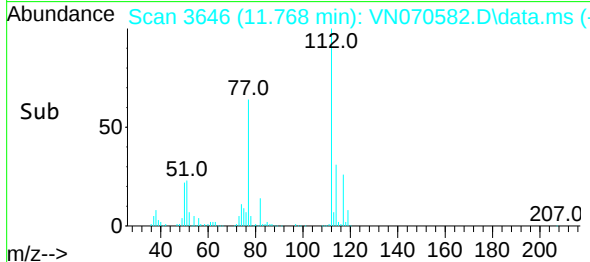
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



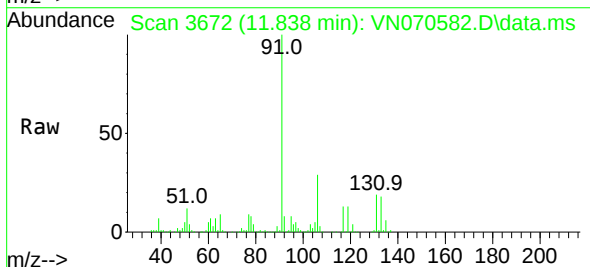
Tgt Ion:112 Resp: 50824
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.0

Manual Integrations
APPROVED

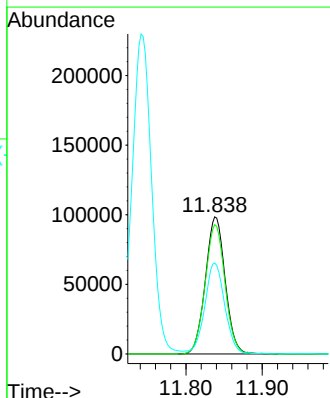
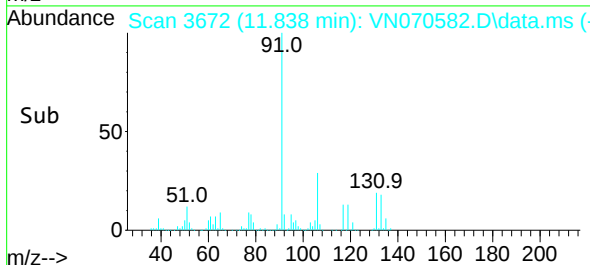
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022

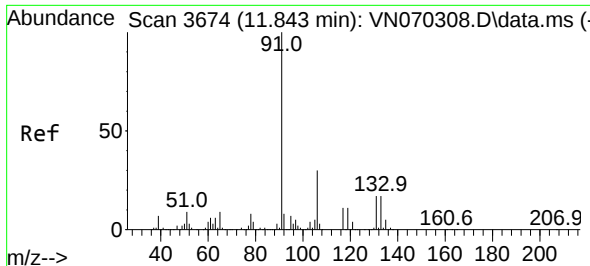


#66
1,1,1,2-Tetrachloroethane
Concen: 18.186 ug/l
RT: 11.838 min Scan# 3672
Delta R.T. -0.002 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29



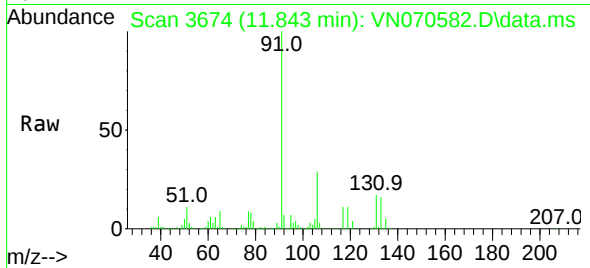
Tgt Ion:131 Resp: 177463
Ion Ratio Lower Upper
131 100
133 94.5 47.9 143.7
119 66.0 32.1 96.5





#67
Ethyl Benzene
Concen: 18.930 ug/l
RT: 11.843 min Scan# 3074
Delta R.T. 0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

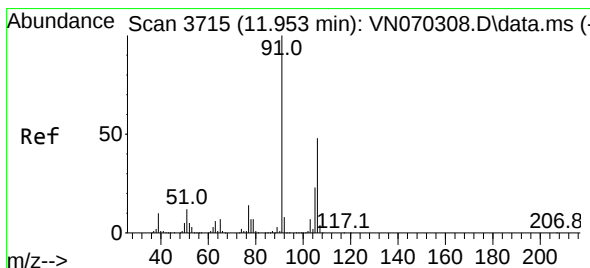
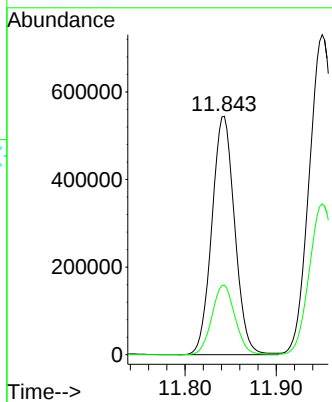
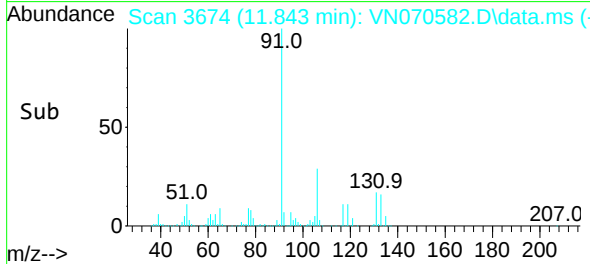
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



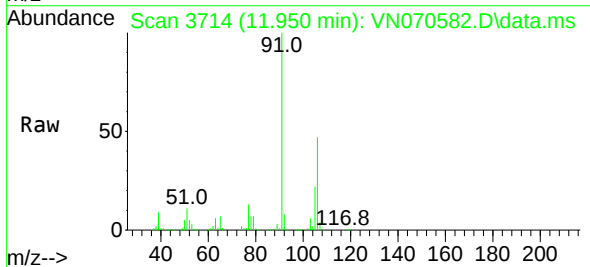
Tgt Ion: 91 Resp: 948030
Ion Ratio Lower Upper
91 100
106 29.2 25.7 38.5

Manual Integrations
APPROVED

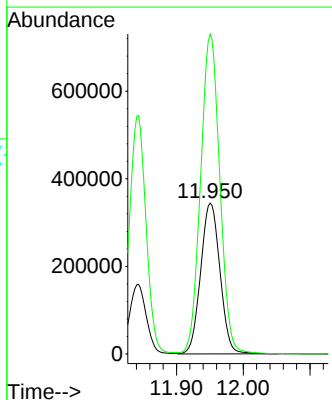
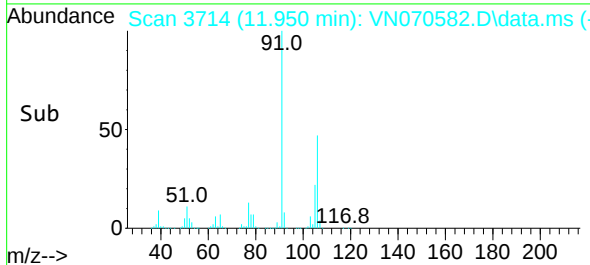
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022

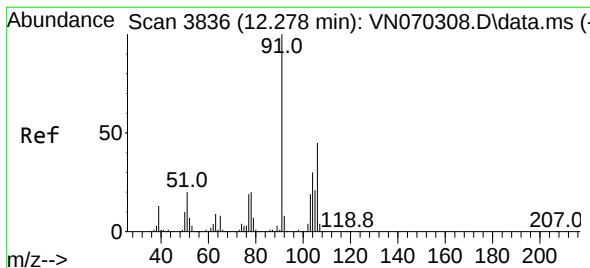


#68
m/p-Xylenes
Concen: 37.946 ug/l
RT: 11.950 min Scan# 3714
Delta R.T. -0.003 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29



Tgt Ion:106 Resp: 691750
Ion Ratio Lower Upper
106 100
91 211.0 160.6 240.8





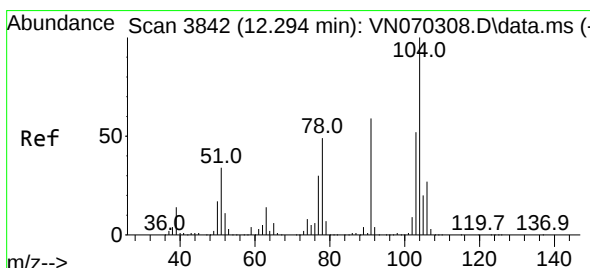
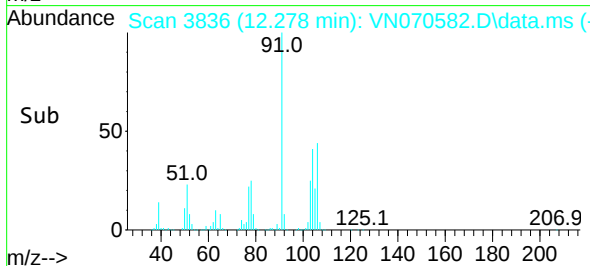
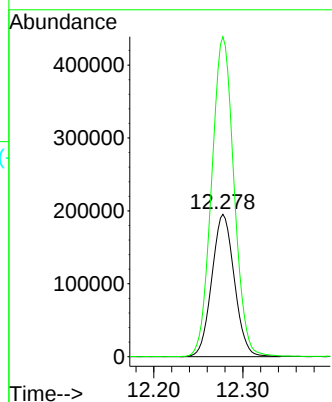
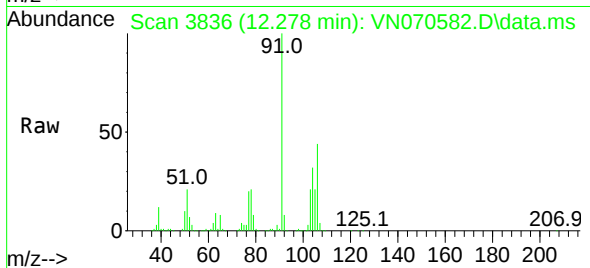
#69
o-Xylene
Concen: 18.925 ug/l
RT: 12.278 min Scan# 3836
Delta R.T. -0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01

Tgt Ion:106 Resp: 343169
Ion Ratio Lower Upper
106 100
91 224.2 105.8 317.3

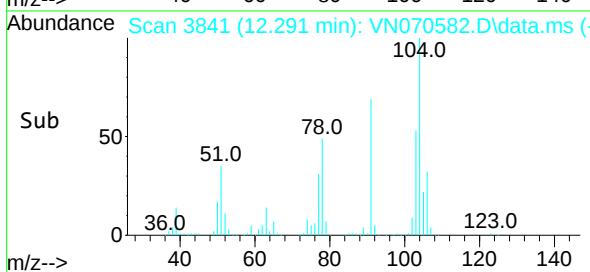
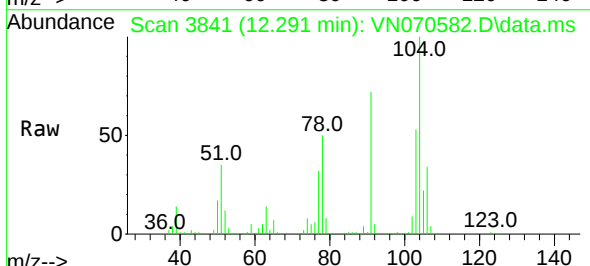
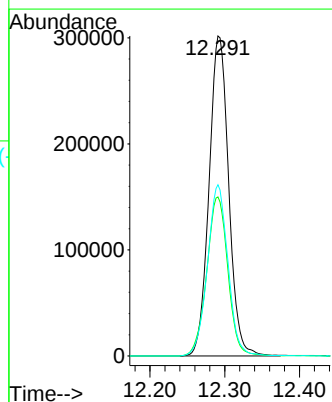
Manual Integrations
APPROVED

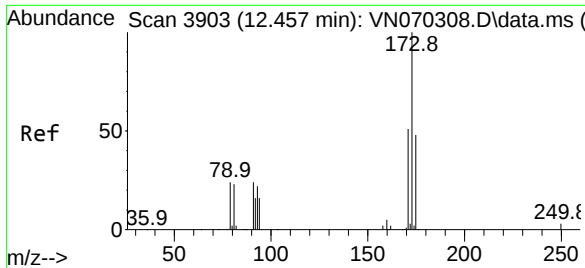
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022



#70
Styrene
Concen: 19.222 ug/l
RT: 12.291 min Scan# 3841
Delta R.T. -0.003 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

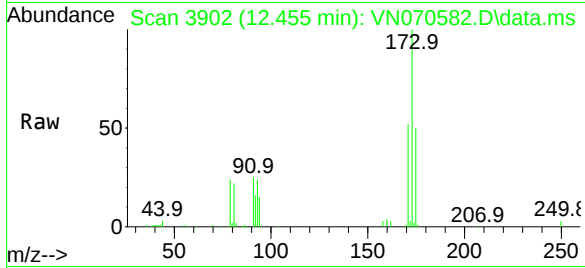
Tgt Ion:104 Resp: 551641
Ion Ratio Lower Upper
104 100
78 53.4 38.7 58.1
103 55.8 45.0 67.6





#71
Bromoform
Concen: 18.000 ug/l
RT: 12.455 min Scan# 3902
Delta R.T. -0.002 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

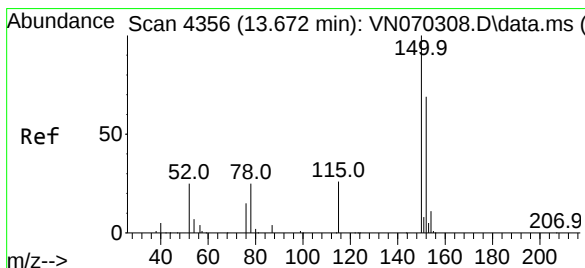
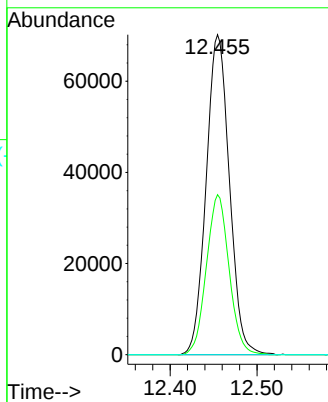
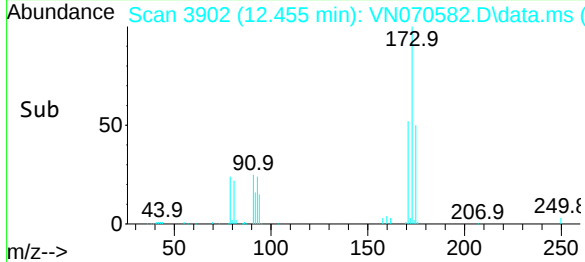
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



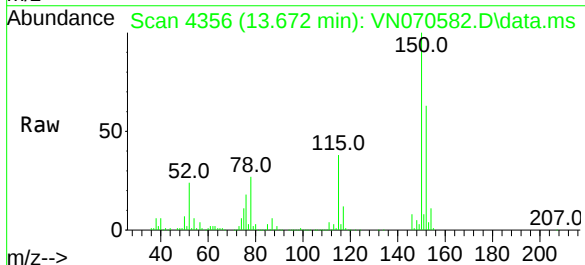
Tgt Ion:173 Resp: 13035
Ion Ratio Lower Upper
173 100
175 48.8 24.2 72.6
254 0.0 0.0 0.0

Manual Integrations
APPROVED

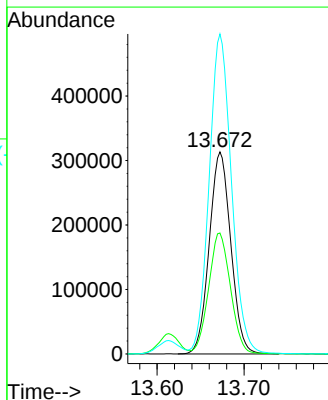
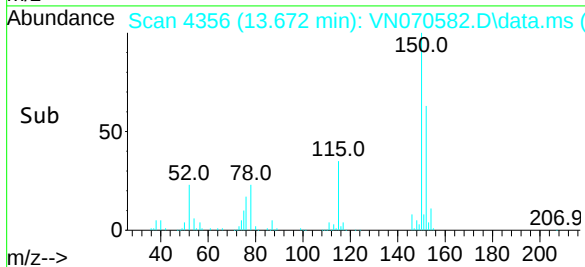
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022

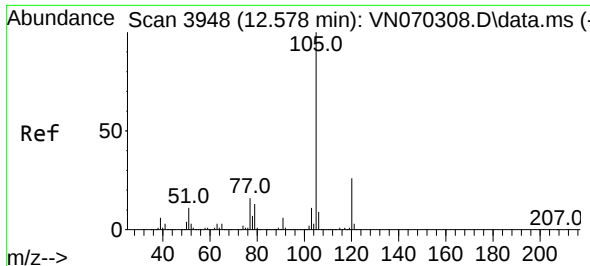


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.672 min Scan# 4356
Delta R.T. 0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29



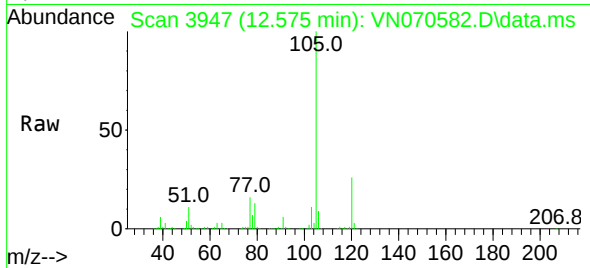
Tgt Ion:152 Resp: 540555
Ion Ratio Lower Upper
152 100
115 60.5 27.5 82.5
150 163.9 0.0 344.4





#73
Isopropylbenzene
Concen: 18.050 ug/l
RT: 12.575 min Scan# 3948
Delta R.T. -0.003 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

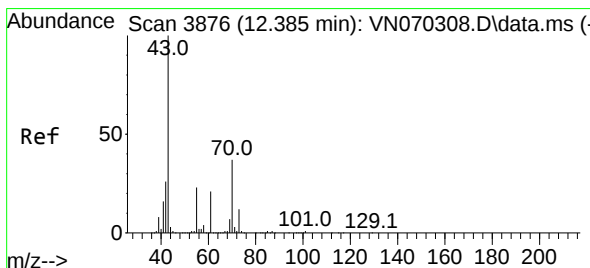
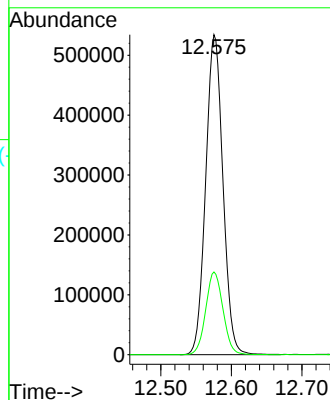
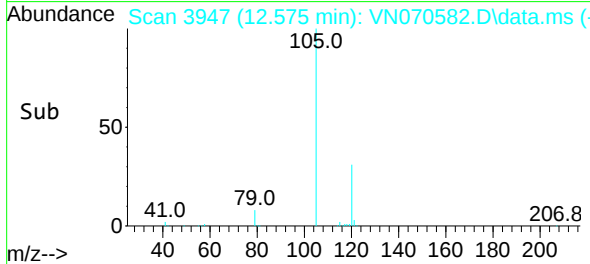
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



Tgt Ion:105 Resp: 906075
Ion Ratio Lower Upper
105 100
120 25.9 13.4 40.1

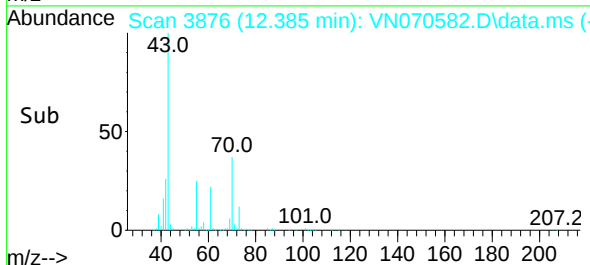
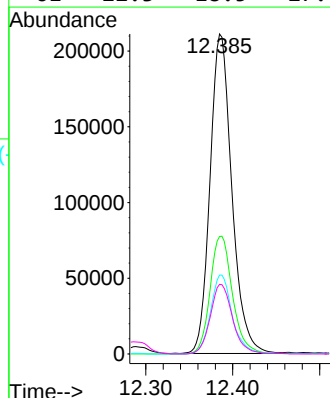
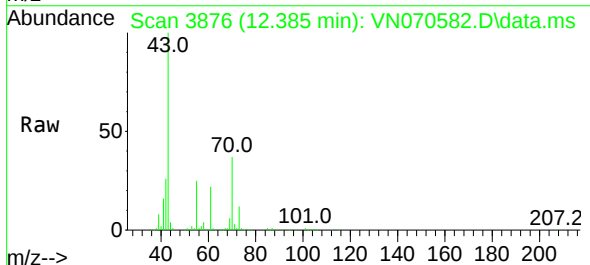
Manual Integrations
APPROVED

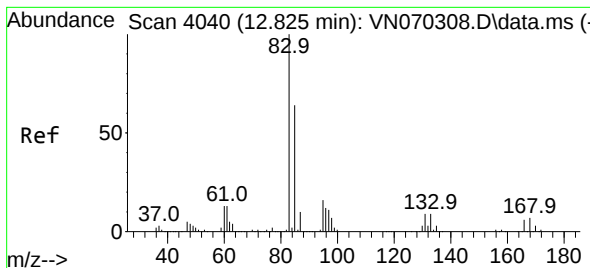
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022



#74
N-ethyl acetate
Concen: 17.429 ug/l
RT: 12.385 min Scan# 3876
Delta R.T. -0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

Tgt Ion: 43 Resp: 367864
Ion Ratio Lower Upper
43 100
70 37.8 33.4 50.0
55 24.6 19.3 28.9
61 22.3 18.5 27.7





#75

1,1,2,2-Tetrachloroethane

Concen: 18.007 ug/l

RT: 12.825 min Scan# 4040

Delta R.T. -0.000 min

Lab File: VN070582.D

Acq: 12 Jan 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBSD01

Tgt Ion: 83 Resp: 31204

Ion Ratio Lower Upper

83 100

131 9.5 5.5 16.5

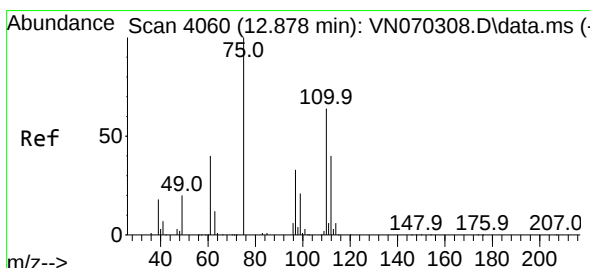
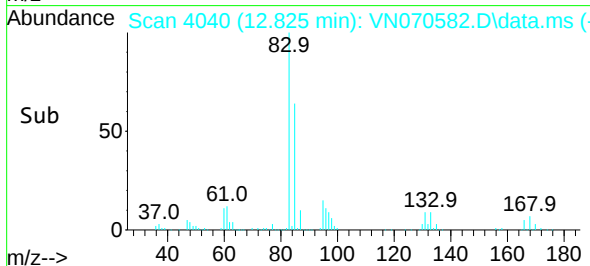
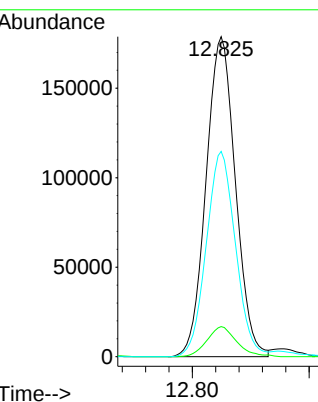
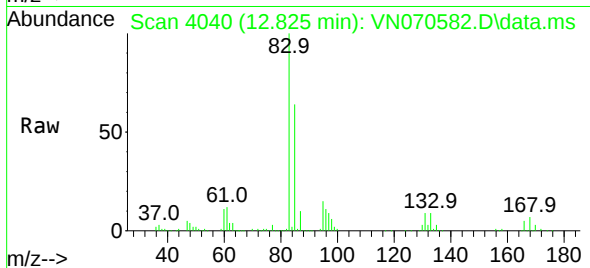
85 63.7 32.4 97.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2022

Supervised By :Mahesh Dadoda 01/13/2022



#76

1,2,3-Trichloropropane

Concen: 18.193 ug/l m

RT: 12.878 min Scan# 4060

Delta R.T. 0.000 min

Lab File: VN070582.D

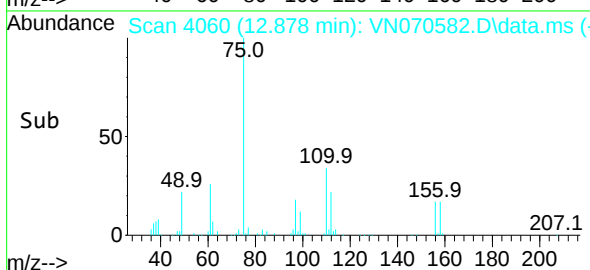
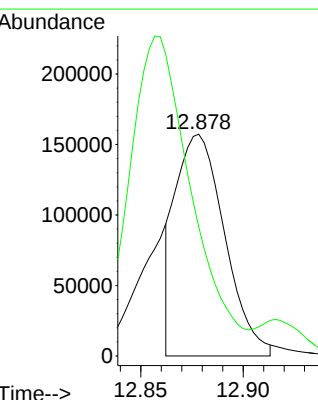
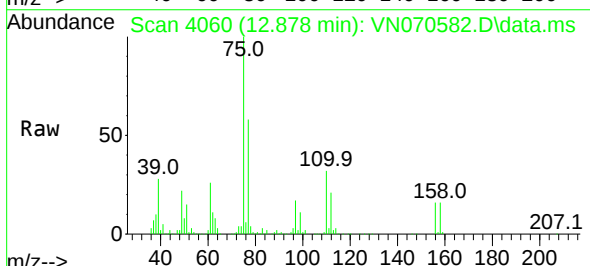
Acq: 12 Jan 2022 13:29

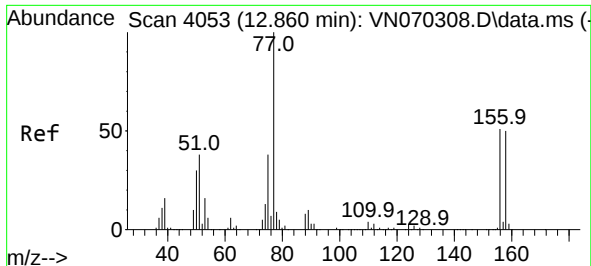
Tgt Ion: 75 Resp: 261699

Ion Ratio Lower Upper

75 100

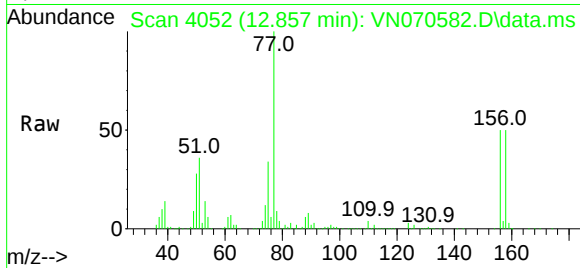
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 17.811 ug/l
RT: 12.857 min Scan# 4052
Delta R.T. -0.003 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

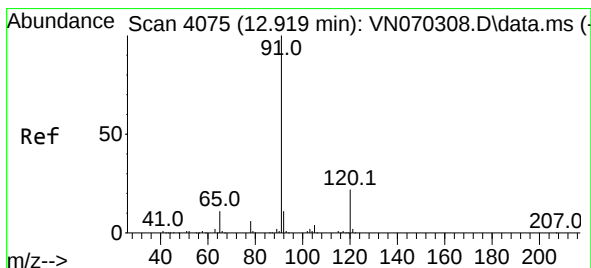
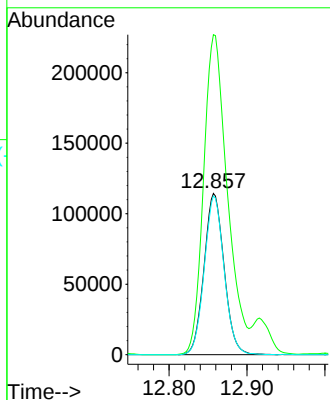
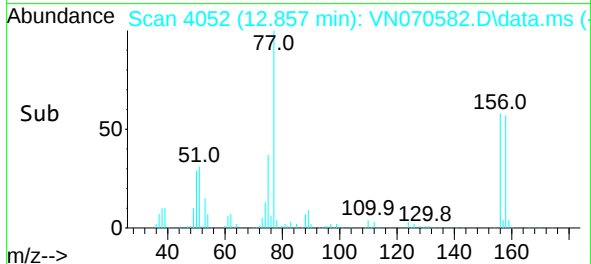
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



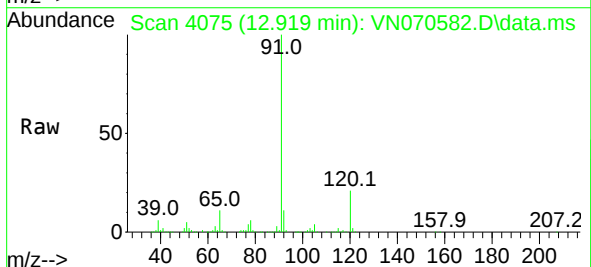
Tgt Ion:156 Resp: 20526
Ion Ratio Lower Upper
156 100
77 233.9 90.6 271.8
158 97.2 48.9 146.7

Manual Integrations
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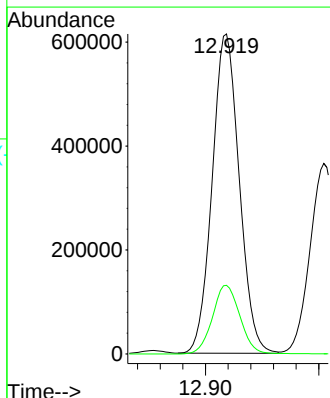
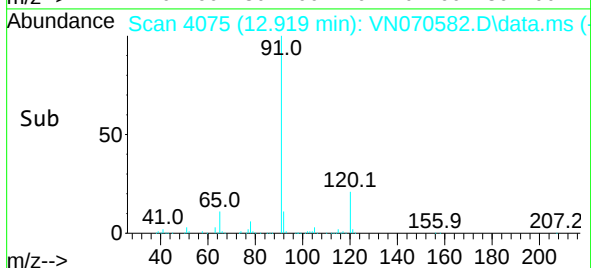
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022

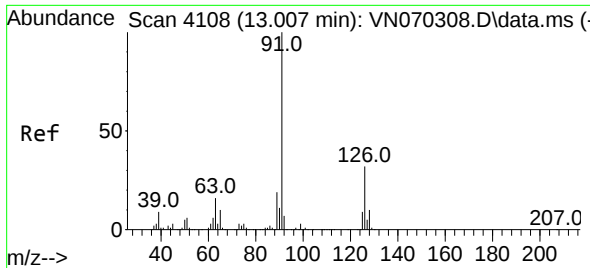


#78
n-propylbenzene
Concen: 18.328 ug/l
RT: 12.919 min Scan# 4075
Delta R.T. -0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29



Tgt Ion: 91 Resp: 1019378
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





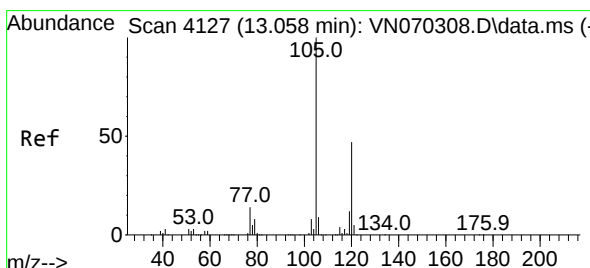
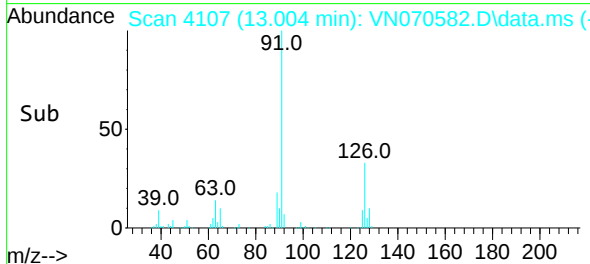
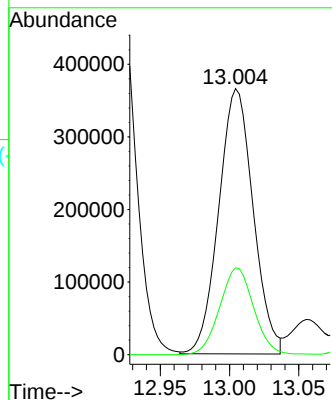
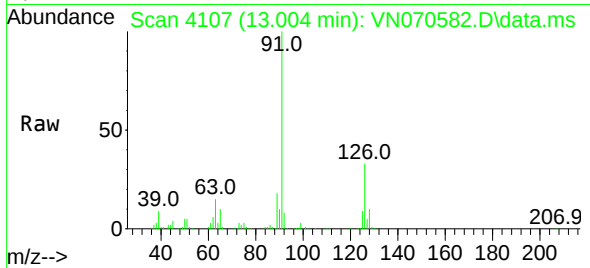
#79
2-Chlorotoluene
Concen: 17.745 ug/l
RT: 13.004 min Scan# 4108
Delta R.T. -0.003 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01

Tgt Ion: 91 Resp: 633272
Ion Ratio Lower Upper
91 100
126 32.4 18.3 54.8

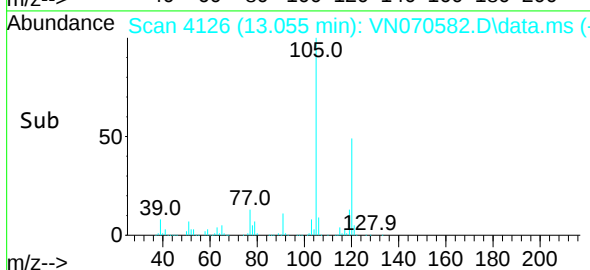
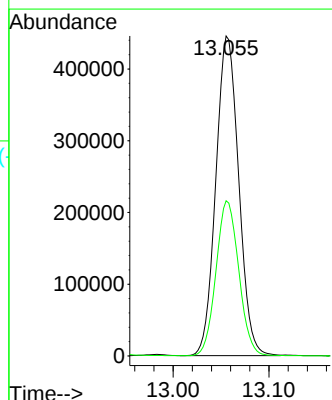
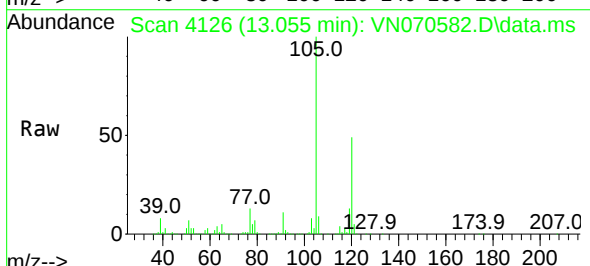
Manual Integrations
APPROVED

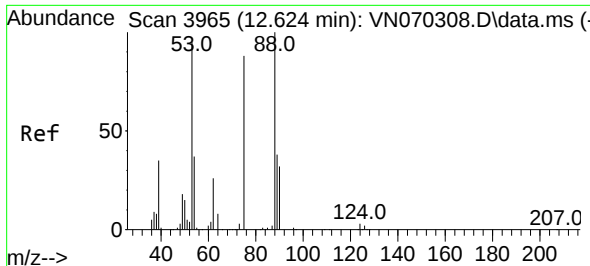
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022



#80
1,3,5-Trimethylbenzene
Concen: 18.329 ug/l
RT: 13.055 min Scan# 4126
Delta R.T. -0.003 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

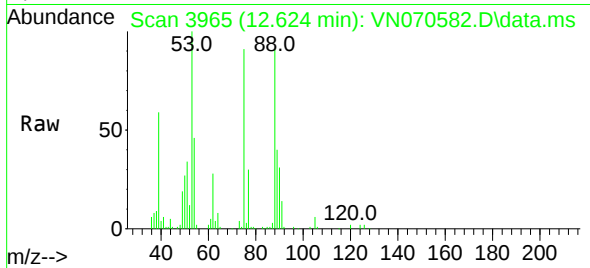
Tgt Ion:105 Resp: 737299
Ion Ratio Lower Upper
105 100
120 48.4 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 17.277 ug/l
RT: 12.624 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

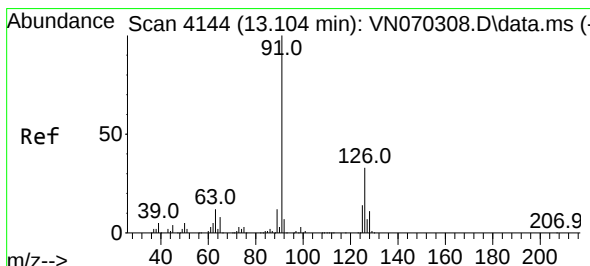
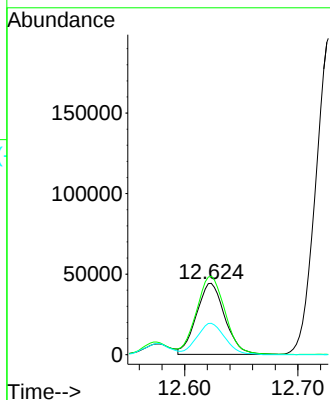
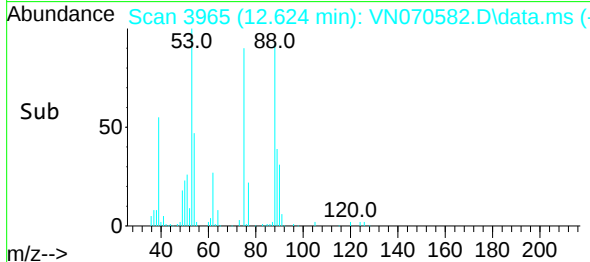
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



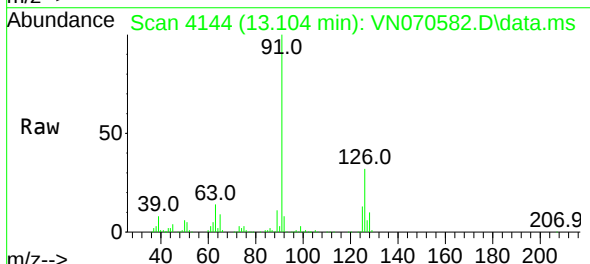
Tgt Ion: 75 Resp: 7644
Ion Ratio Lower Upper
75 100
53 113.3 90.5 135.7
89 43.9 38.2 57.4

Manual Integrations
APPROVED

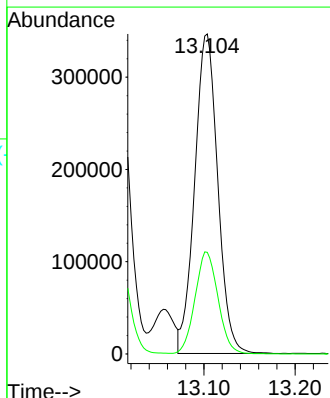
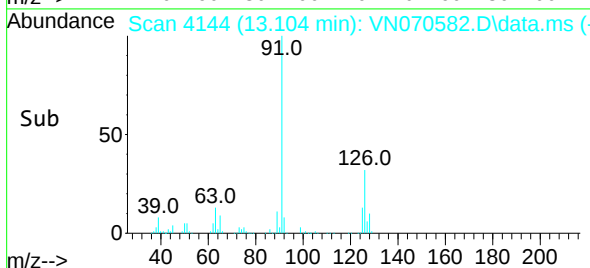
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022



#82
4-Chlorotoluene
Concen: 18.200 ug/l
RT: 13.104 min Scan# 4144
Delta R.T. -0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29



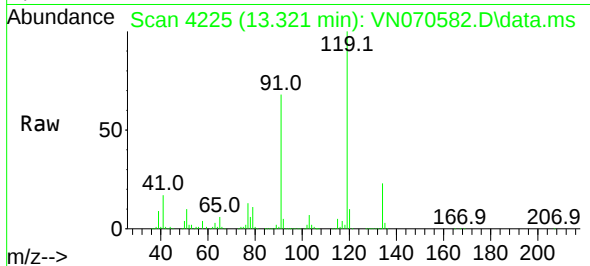
Tgt Ion: 91 Resp: 608409
Ion Ratio Lower Upper
91 100
126 32.0 18.2 54.6





#83
tert-Butylbenzene
Concen: 18.167 ug/l
RT: 13.321 min Scan# 4225
Delta R.T. -0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

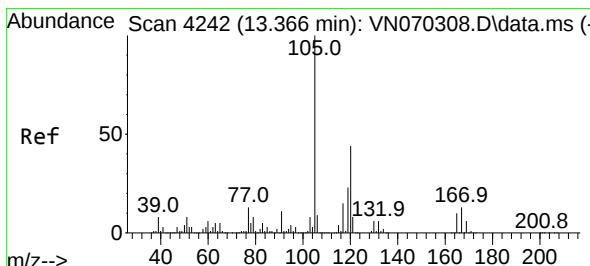
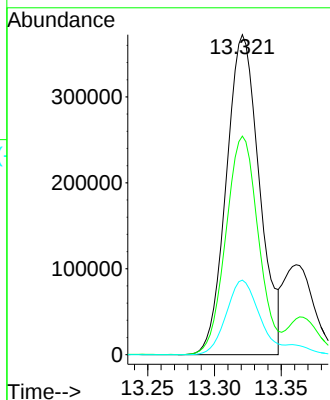
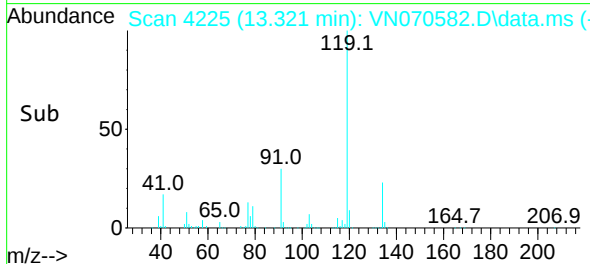
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



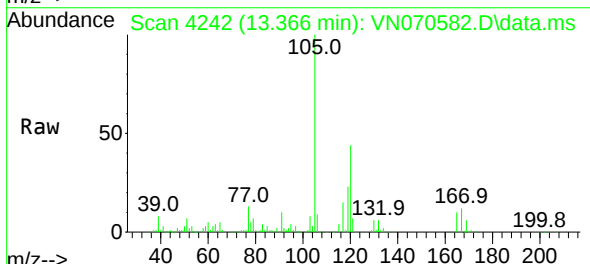
Tgt Ion:119 Resp: 643489
Ion Ratio Lower Upper
119 100
91 67.4 31.5 94.5
134 23.5 12.4 37.4

Manual Integrations
APPROVED

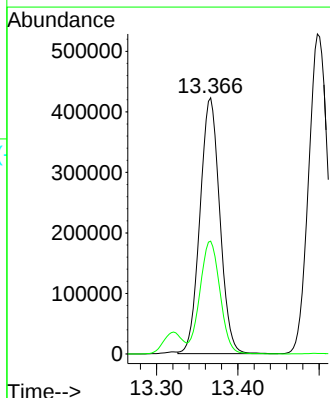
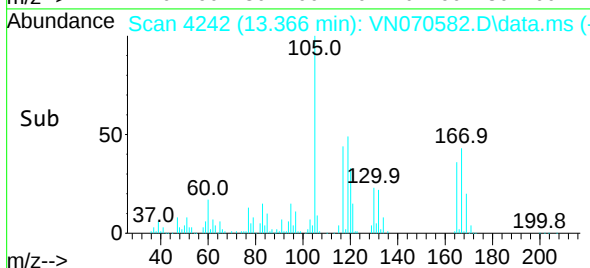
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022

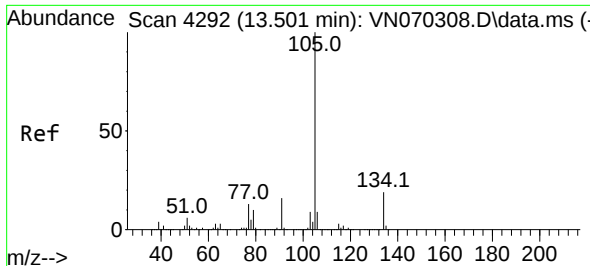


#84
1,2,4-Trimethylbenzene
Concen: 18.502 ug/l
RT: 13.366 min Scan# 4242
Delta R.T. 0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29



Tgt Ion:105 Resp: 716679
Ion Ratio Lower Upper
105 100
120 44.9 22.8 68.4





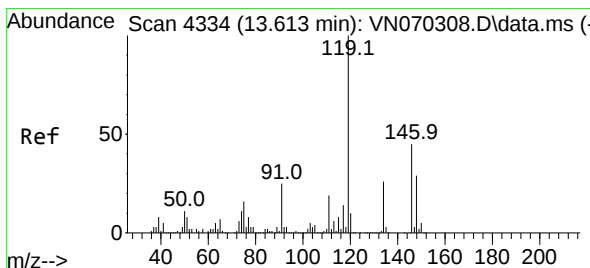
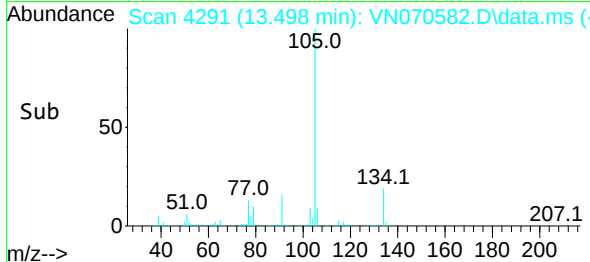
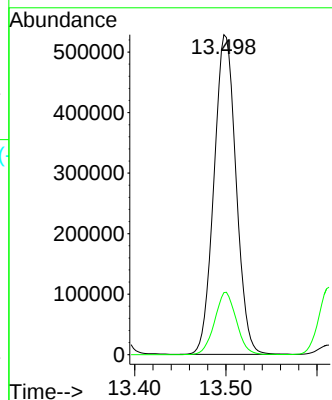
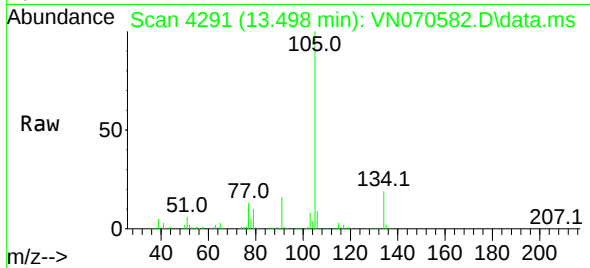
#85
 sec-Butylbenzene
 Concen: 18.483 ug/l
 RT: 13.498 min Scan# 4292
 Delta R.T. -0.003 min
 Lab File: VN070582.D
 Acq: 12 Jan 2022 13:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0112WBSD01

Tgt Ion:105 Resp: 888825
 Ion Ratio Lower Upper
 105 100
 134 19.2 10.4 31.1

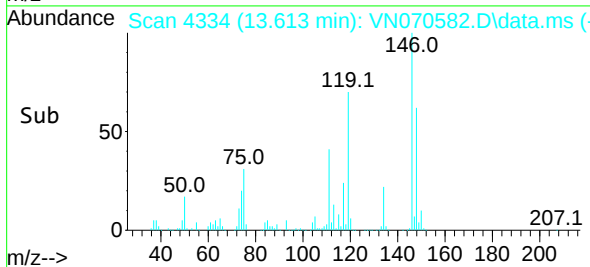
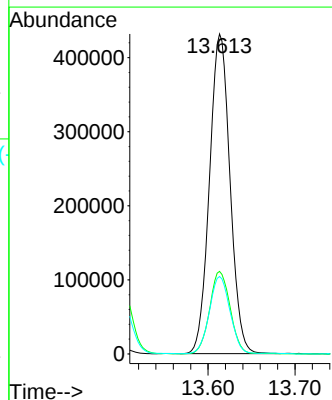
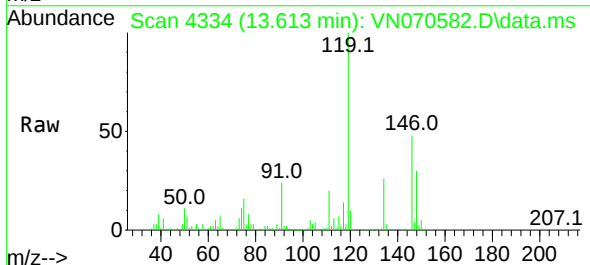
Manual Integrations
 APPROVED

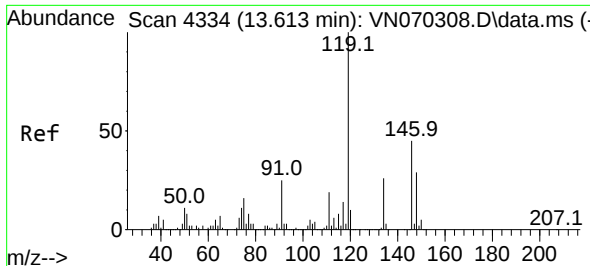
Reviewed By :John Carlone 01/13/2022
 Supervised By :Mahesh Dadoda 01/13/2022



#86
 p-Isopropyltoluene
 Concen: 18.708 ug/l
 RT: 13.613 min Scan# 4334
 Delta R.T. 0.000 min
 Lab File: VN070582.D
 Acq: 12 Jan 2022 13:29

Tgt Ion:119 Resp: 706722
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.6 40.7
 91 24.2 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 18.380 ug/l

RT: 13.613 min Scan# 4334

Delta R.T. 0.000 min

Lab File: VN070582.D

Acq: 12 Jan 2022 13:29

Instrument :

MSVOA_N

ClientSampleId :

VN0112WBSD01

Tgt Ion:146 Resp: 35460

Ion Ratio Lower Upper

146 100

111 41.6 18.6 55.6

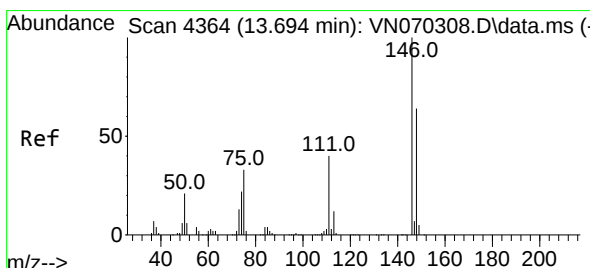
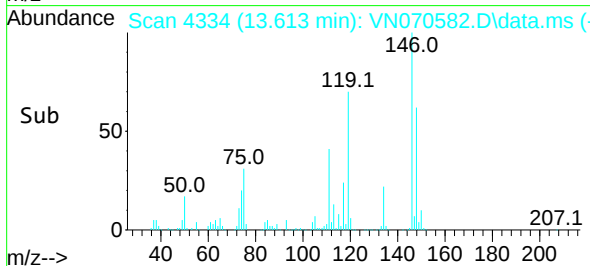
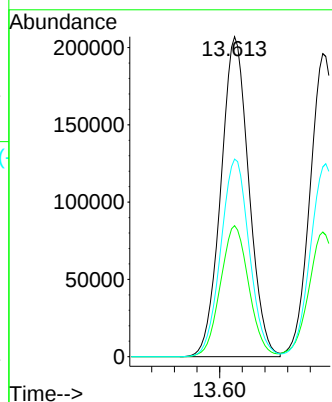
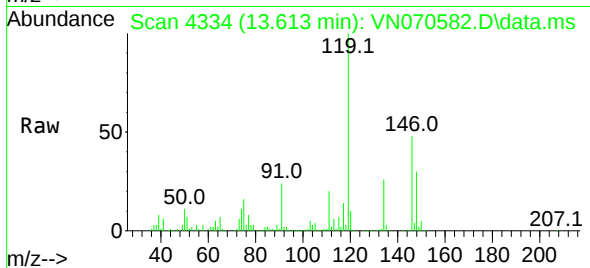
148 63.2 31.6 95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/13/2022

Supervised By :Mahesh Dadoda 01/13/2022



#88

1,4-Dichlorobenzene

Concen: 18.039 ug/l

RT: 13.691 min Scan# 4363

Delta R.T. -0.003 min

Lab File: VN070582.D

Acq: 12 Jan 2022 13:29

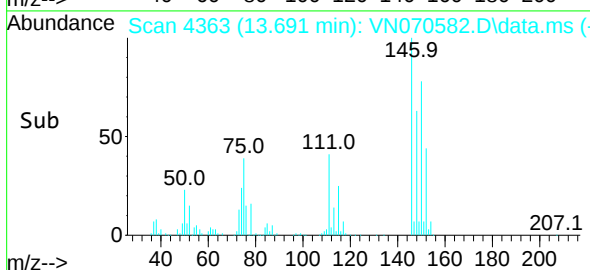
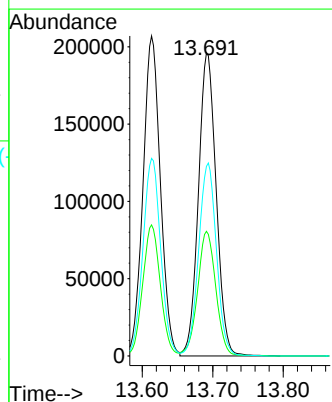
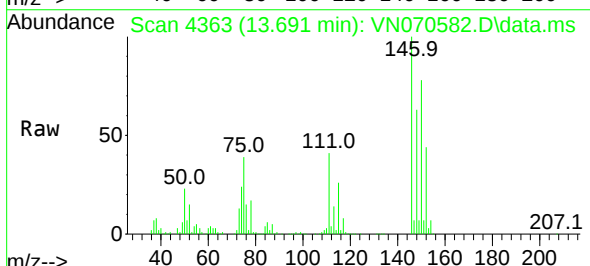
Tgt Ion:146 Resp: 343303

Ion Ratio Lower Upper

146 100

111 42.0 18.3 54.8

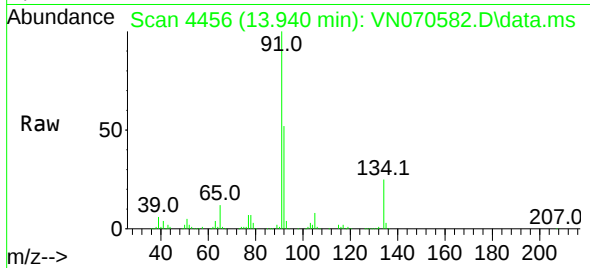
148 64.1 31.8 95.4





#89
n-Butylbenzene
Concen: 18.017 ug/l
RT: 13.940 min Scan# 4456
Delta R.T. 0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

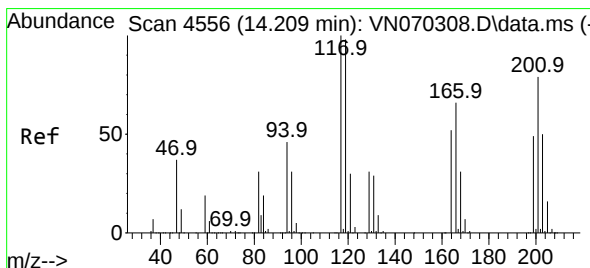
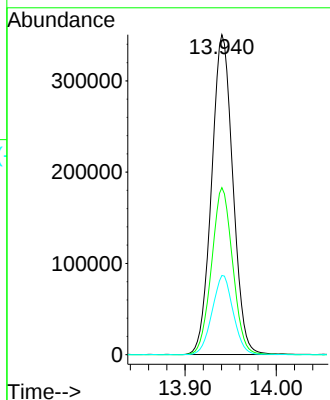
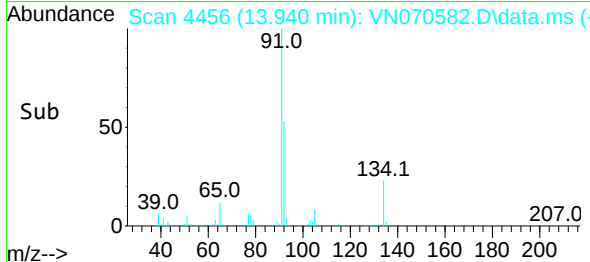
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



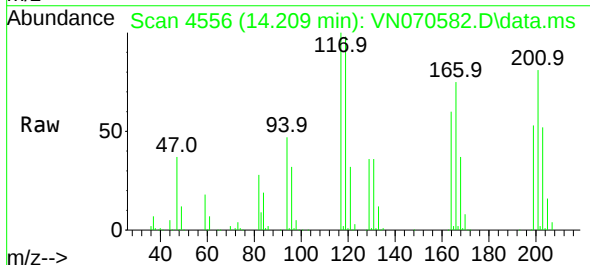
Tgt Ion: 91 Resp: 567704
Ion Ratio Lower Upper
91 100
92 52.0 25.4 76.0
134 24.5 13.6 40.8

Manual Integrations
APPROVED

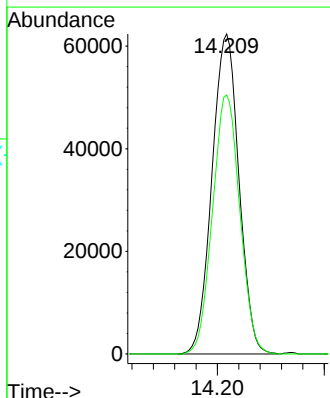
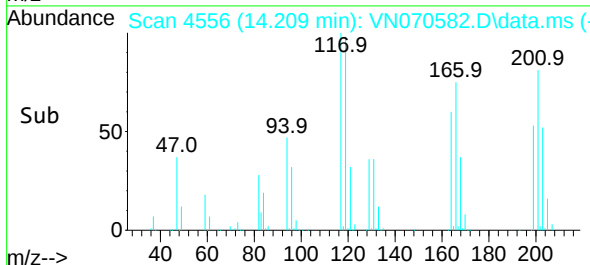
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022

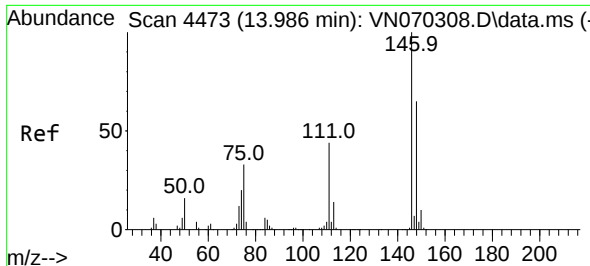


#90
Hexachloroethane
Concen: 16.670 ug/l
RT: 14.209 min Scan# 4556
Delta R.T. -0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29



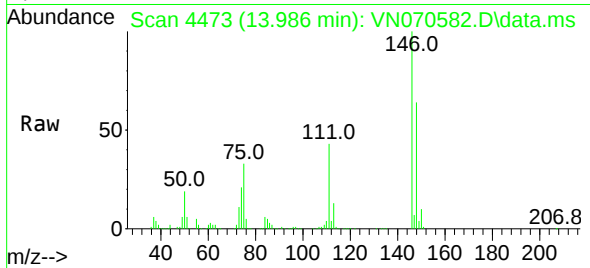
Tgt Ion:117 Resp: 109398
Ion Ratio Lower Upper
117 100
201 81.8 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 18.107 ug/l
RT: 13.986 min Scan# 4473
Delta R.T. -0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

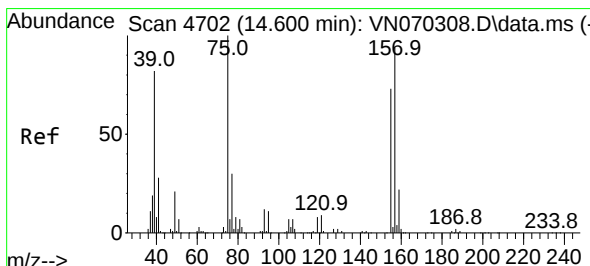
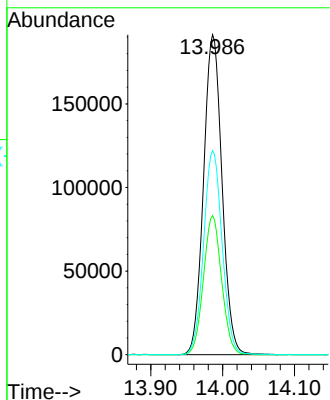
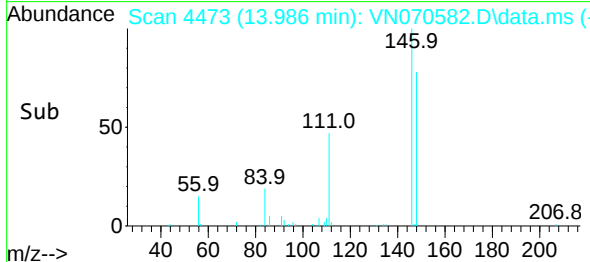
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



Tgt Ion:146 Resp: 342460
Ion Ratio Lower Upper
146 100
111 42.7 19.1 57.3
148 64.0 32.1 96.3

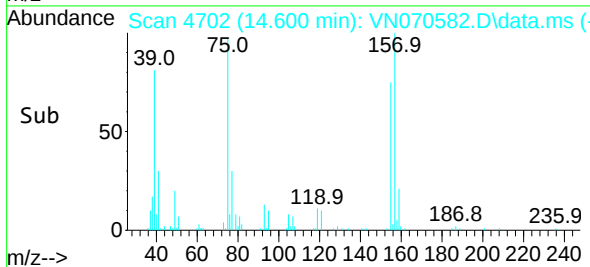
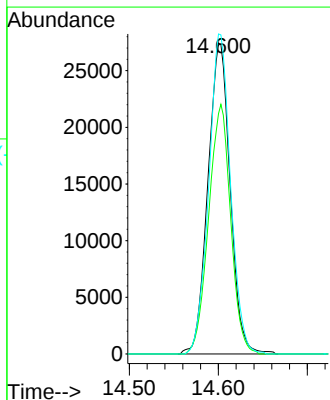
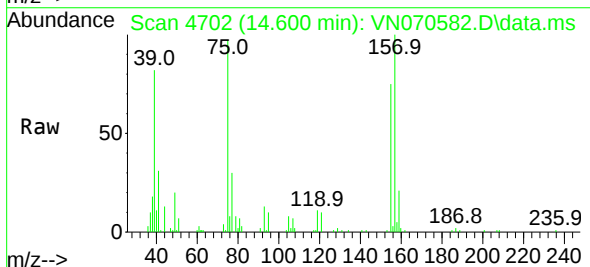
Manual Integrations
APPROVED

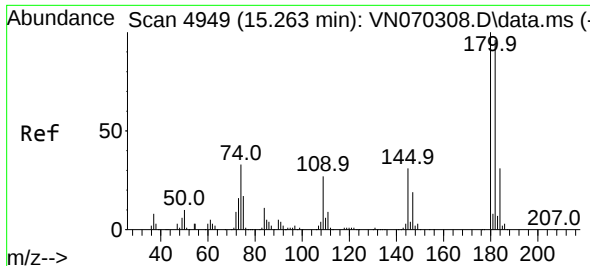
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 16.405 ug/l
RT: 14.600 min Scan# 4702
Delta R.T. 0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

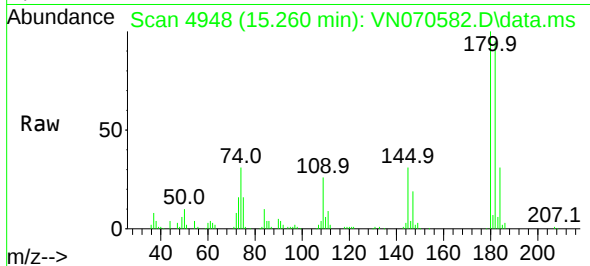
Tgt Ion: 75 Resp: 47705
Ion Ratio Lower Upper
75 100
155 79.3 46.9 140.7
157 100.9 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 18.058 ug/l
RT: 15.260 min Scan# 4949
Delta R.T. -0.003 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

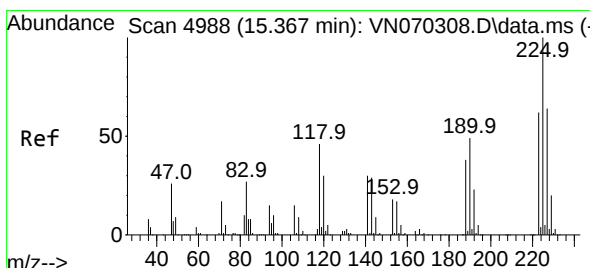
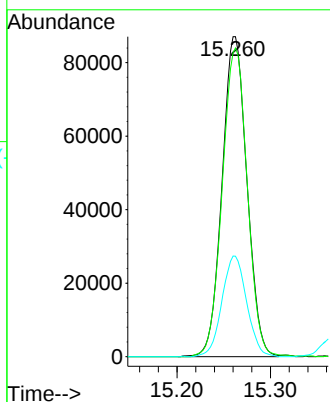
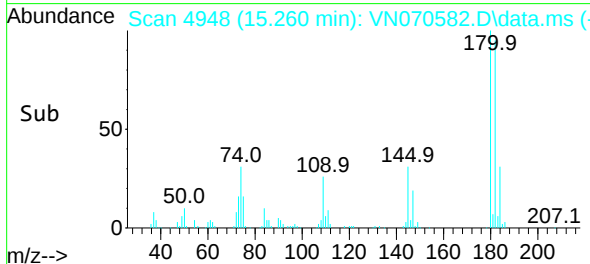
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



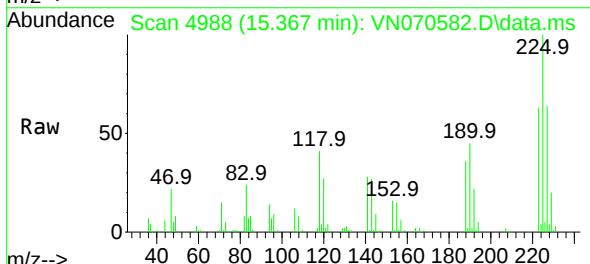
Tgt Ion:180 Resp: 160929
Ion Ratio Lower Upper
180 100
182 97.3 48.3 144.9
145 31.3 14.5 43.5

Manual Integrations
APPROVED

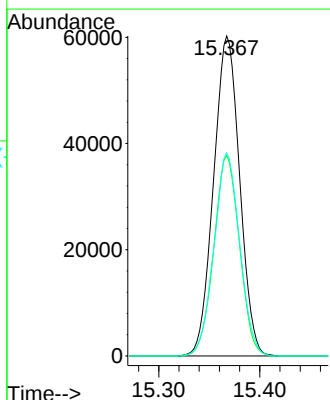
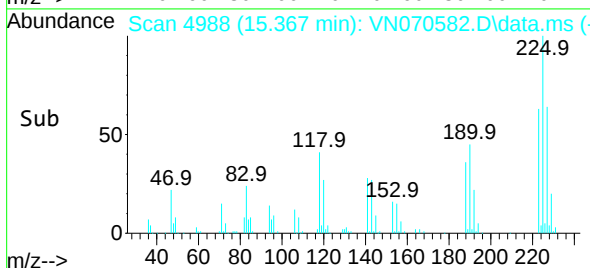
Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022

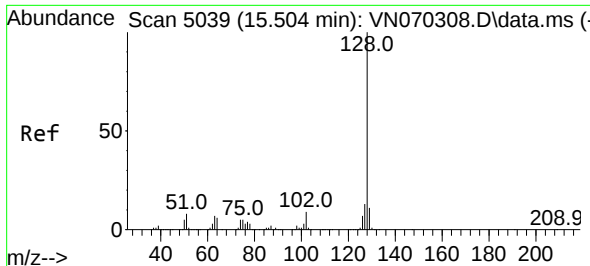


#94
Hexachlorobutadiene
Concen: 20.822 ug/l
RT: 15.367 min Scan# 4988
Delta R.T. 0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29



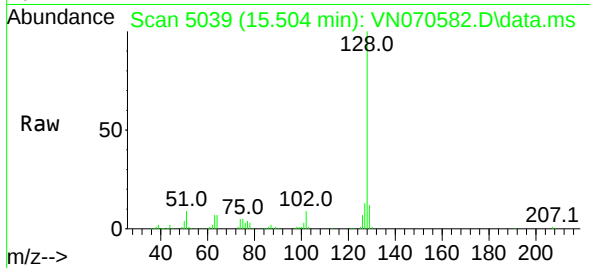
Tgt Ion:225 Resp: 107841
Ion Ratio Lower Upper
225 100
223 61.6 31.9 95.7
227 62.6 32.1 96.3





#95
Naphthalene
Concen: 17.050 ug/l
RT: 15.504 min Scan# 5039
Delta R.T. -0.000 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29

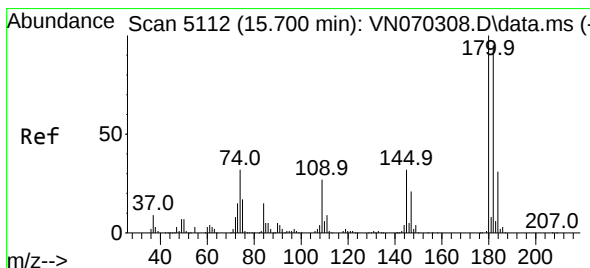
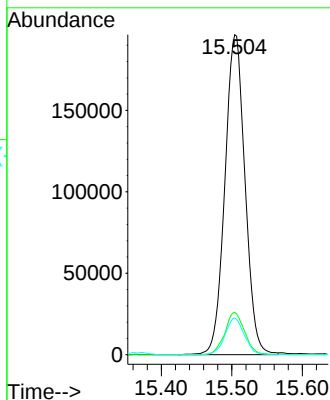
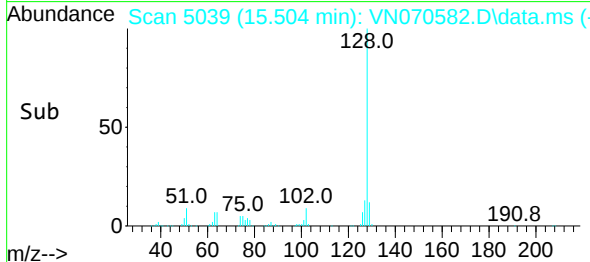
Instrument :
MSVOA_N
ClientSampleId :
VN0112WBSD01



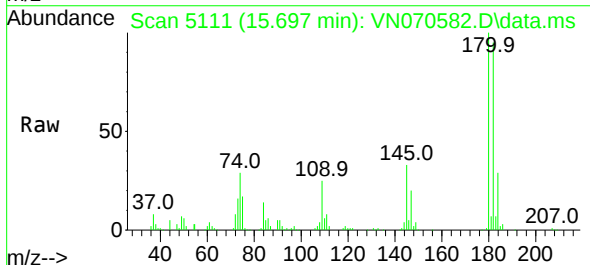
Tgt Ion:128 Resp: 389674
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.0 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/13/2022
Supervised By :Mahesh Dadoda 01/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.768 ug/l
RT: 15.697 min Scan# 5111
Delta R.T. -0.003 min
Lab File: VN070582.D
Acq: 12 Jan 2022 13:29



Tgt Ion:180 Resp: 155508
Ion Ratio Lower Upper
180 100
182 93.9 47.4 142.2
145 31.5 15.0 45.1

