

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121021\
 Data File : VN069980.D
 Acq On : 11 Dec 2021 1:45
 Operator : JC/MD
 Sample : VN1210WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/11/2021
 Supervised By : Amit Patel 12/14/2021

Quant Time: Dec 11 05:29:14 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	915013	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1525089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1398377	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	562490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	740164	52.391	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.780%			
35) Dibromofluoromethane	8.024	113	512177	53.615	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.240%			
50) Toluene-d8	10.440	98	1938496	50.537	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.080%			
62) 4-Bromofluorobenzene	12.731	95	677561	48.759	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.520%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	196577	18.419	ug/l	98
3) Chloromethane	2.303	50	243421	18.206	ug/l	100
4) Vinyl Chloride	2.448	62	226140	18.394	ug/l	99
5) Bromomethane	2.850	94	127623	19.108	ug/l	99
6) Chloroethane	3.019	64	137560	18.259	ug/l	99
7) Trichlorofluoromethane	3.376	101	302268	18.733	ug/l	99
8) Diethyl Ether	3.824	74	121989	19.630	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.210	101	174632	19.308	ug/l	96
10) Methyl Iodide	4.419	142	217345	17.590	ug/l #	92
11) Tert butyl alcohol	5.380	59	227423	85.161	ug/l #	85
12) 1,1-Dichloroethene	4.183	96	164123	18.830	ug/l	89
13) Acrolein	4.041	56	211596	93.043	ug/l	99
14) Allyl chloride	4.840	41	382653	19.483	ug/l	92
15) Acrylonitrile	5.557	53	661716	91.956	ug/l	98
16) Acetone	4.288	43	621050	73.077	ug/l	96
17) Carbon Disulfide	4.529	76	448262	19.907	ug/l	99
18) Methyl Acetate	4.857	43	479186	18.680	ug/l	91
19) Methyl tert-butyl Ether	5.618	73	649068	19.152	ug/l	97
20) Methylene Chloride	5.101	84	208165	18.425	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	176781	18.674	ug/l	87
22) Diisopropyl ether	6.501	45	768779	20.027	ug/l	96
23) Vinyl Acetate	6.436	43	3110435	99.596	ug/l #	93
24) 1,1-Dichloroethane	6.391	63	397876	20.009	ug/l	97
25) 2-Butanone	7.340	43	958571	83.015	ug/l	92
26) 2,2-Dichloropropane	7.327	77	264764	17.125	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	213283	18.648	ug/l	86
28) Bromochloromethane	7.659	49	223216	21.586	ug/l #	78
29) Tetrahydrofuran	7.689	42	642641	91.654	ug/l #	86
30) Chloroform	7.820	83	395524	19.695	ug/l	99
31) Cyclohexane	8.094	56	370250	18.832	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	340303	19.893	ug/l	95
36) 1,1-Dichloropropene	8.222	75	274861	18.932	ug/l	96
37) Ethyl Acetate	7.415	43	384307	17.785	ug/l	95
38) Carbon Tetrachloride	8.209	117	288064	20.233	ug/l	95
39) Methylcyclohexane	9.461	83	305798	17.708	ug/l #	88
40) Benzene	8.461	78	855472	19.277	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	195355	19.259	ug/l #	89
42) 1,2-Dichloroethane	8.531	62	346186	19.325	ug/l	96
43) Isopropyl Acetate	8.560	43	608310	19.023	ug/l #	93
44) Trichloroethene	9.217	130	197596	18.655	ug/l	92
45) 1,2-Dichloropropane	9.491	63	233301	19.577	ug/l	98
46) Dibromomethane	9.577	93	151379	19.369	ug/l	93
47) Bromodichloromethane	9.765	83	320821	21.681	ug/l	100
48) Methyl methacrylate	9.561	41	274514	18.395	ug/l	86
49) 1,4-Dioxane	9.571	88	86016	321.236	ug/l #	79
51) 4-Methyl-2-Pentanone	10.330	43	1974652	95.189	ug/l	94
52) Toluene	10.505	92	513405	18.950	ug/l	99
53) t-1,3-Dichloropropene	10.719	75	313139	19.403	ug/l	98
54) cis-1,3-Dichloropropene	10.191	75	338305	19.384	ug/l #	87
55) 1,1,2-Trichloroethane	10.899	97	211016	19.304	ug/l	97
56) Ethyl methacrylate	10.762	69	343553	18.176	ug/l #	86
57) 1,3-Dichloropropane	11.044	76	374770	19.471	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	355565	77.529	ug/l	90
59) 2-Hexanone	11.087	43	1379752	87.923	ug/l	92
60) Dibromochloromethane	11.240	129	231006	21.162	ug/l	100
61) 1,2-Dibromoethane	11.347	107	213310	18.840	ug/l	99
64) Tetrachloroethene	10.977	164	172912	18.236	ug/l	95
65) Chlorobenzene	11.771	112	540071	19.037	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.840	131	208827	20.914	ug/l	99
67) Ethyl Benzene	11.846	91	989181	19.196	ug/l	95
68) m/p-Xylenes	11.953	106	712948	37.997	ug/l	91
69) o-Xylene	12.280	106	357161	18.898	ug/l	92
70) Styrene	12.294	104	579337	19.331	ug/l	95
71) Bromoform	12.457	173	172638	21.842	ug/l #	99
73) Isopropylbenzene	12.578	105	922721	18.438	ug/l	99
74) N-amyl acetate	12.390	43	404933	18.296	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	334531	19.330	ug/l	99
76) 1,2,3-Trichloropropane	12.881	75	288227m	17.868	ug/l	
77) Bromobenzene	12.860	156	218076	18.552	ug/l	78
78) n-propylbenzene	12.921	91	1047648	18.812	ug/l	96
79) 2-Chlorotoluene	13.007	91	659205	18.733	ug/l	93
80) 1,3,5-Trimethylbenzene	13.061	105	756655	18.784	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	85806	20.056	ug/l	91
82) 4-Chlorotoluene	13.106	91	619562	18.722	ug/l	92
83) tert-Butylbenzene	13.323	119	663839	18.612	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	742304	19.350	ug/l	97
85) sec-Butylbenzene	13.503	105	897728	18.556	ug/l	97
86) p-Isopropyltoluene	13.616	119	706253	18.676	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	357396	18.507	ug/l	96
88) 1,4-Dichlorobenzene	13.696	146	347485	18.310	ug/l	95
89) n-Butylbenzene	13.943	91	546747	17.823	ug/l	98
90) Hexachloroethane	14.211	117	150473	22.663	ug/l	86
91) 1,2-Dichlorobenzene	13.989	146	352719	18.745	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.605	75	62543	20.000	ug/l	76
93) 1,2,4-Trichlorobenzene	15.265	180	149775	18.173	ug/l	96
94) Hexachlorobutadiene	15.370	225	94767	19.004	ug/l	100
95) Naphthalene	15.507	128	400589	17.396	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	149111	18.207	ug/l	98

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ClientSampleId :
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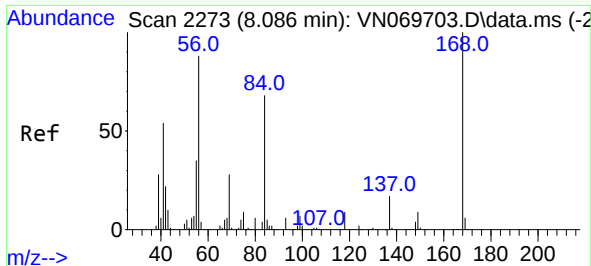
Manual Integrations
APPROVED

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



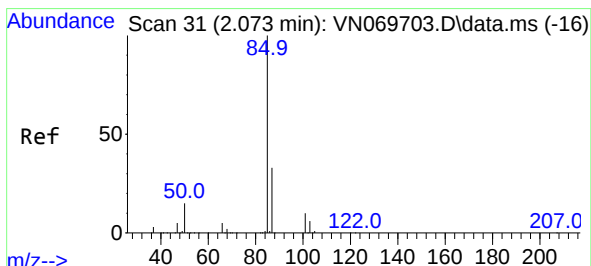
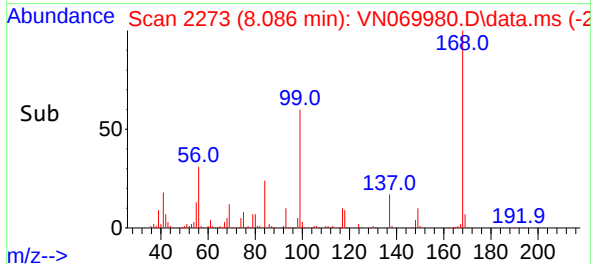
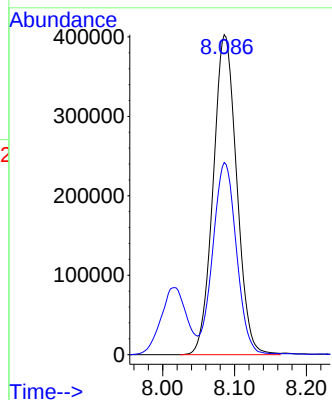
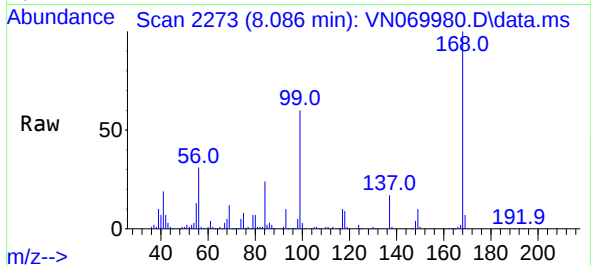
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN069980.D
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Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:168 Resp: 91501
Ion Ratio Lower Upper
168 100
99 59.7 41.3 61.9

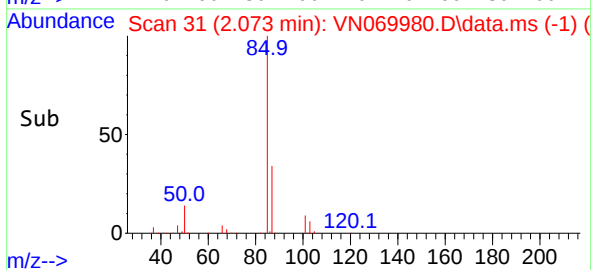
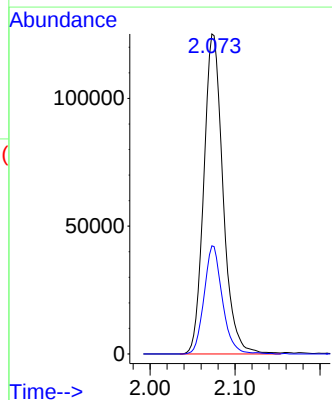
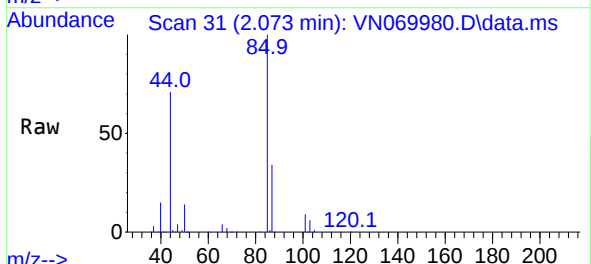
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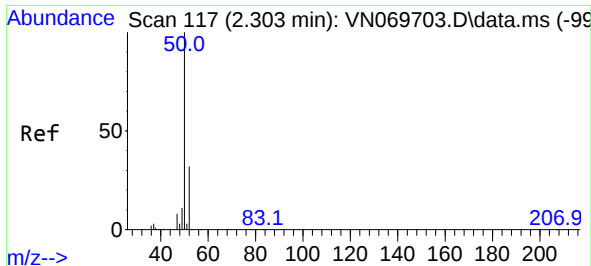
Reviewed By :John Carlone 12/11/2021
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#2
Dichlorodifluoromethane
Concen: 18.419 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

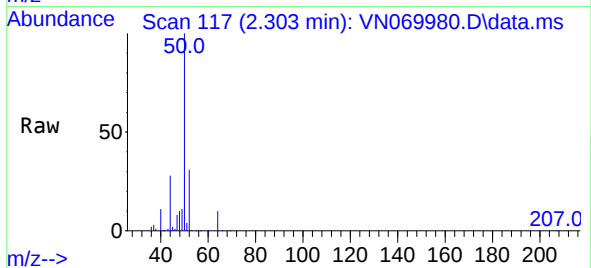
Tgt Ion: 85 Resp: 196577
Ion Ratio Lower Upper
85 100
87 33.8 16.3 48.9





#3
Chloromethane
Concen: 18.206 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

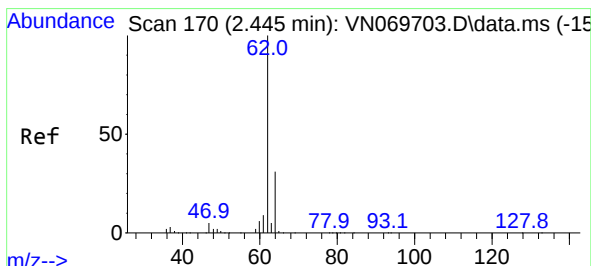
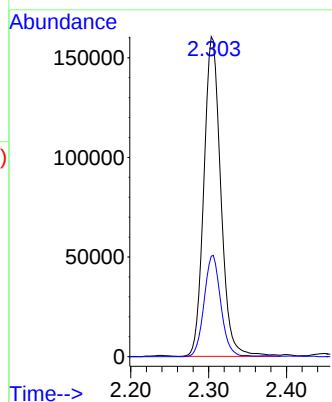
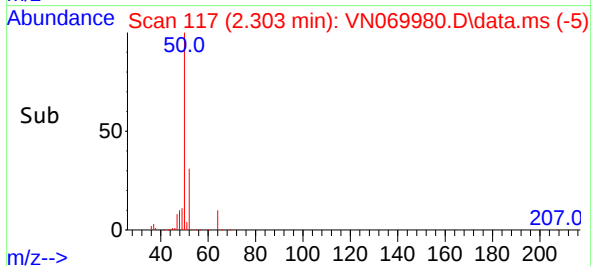
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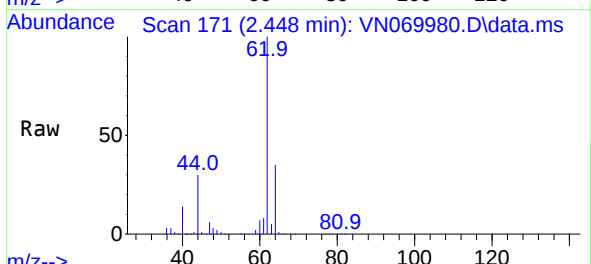
Tgt Ion: 50 Resp: 24342
Ion Ratio Lower Upper
50 100
52 31.5 25.4 38.0

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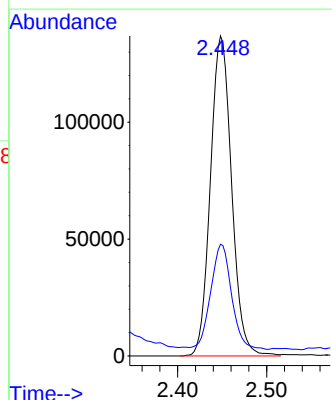
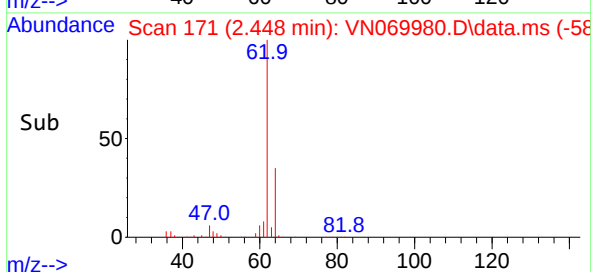
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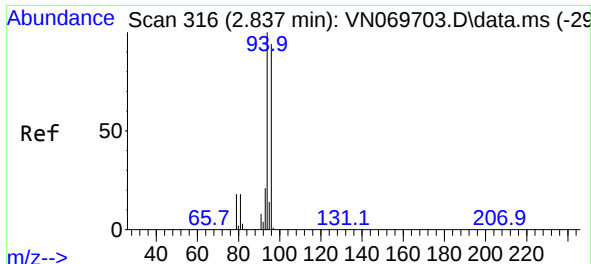


#4
Vinyl Chloride
Concen: 18.394 ug/l
RT: 2.448 min Scan# 171
Delta R.T. 0.003 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



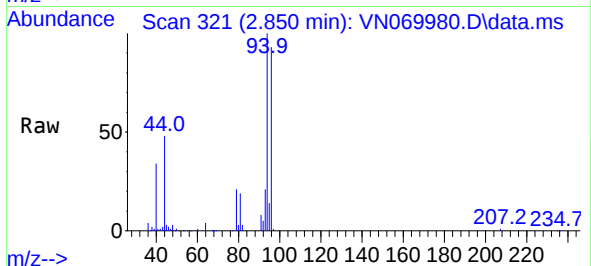
Tgt Ion: 62 Resp: 226140
Ion Ratio Lower Upper
62 100
64 32.6 25.8 38.6





#5
Bromomethane
Concen: 19.108 ug/l
RT: 2.850 min Scan# 316
Delta R.T. 0.014 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

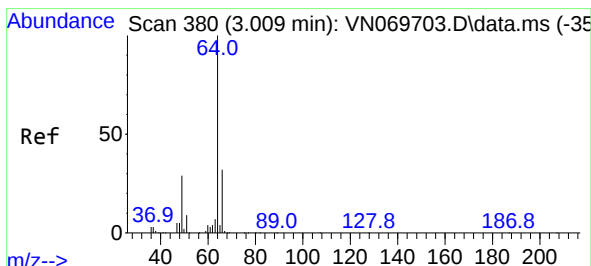
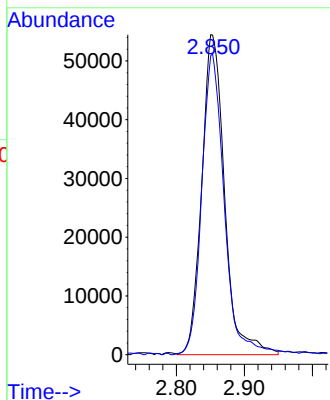
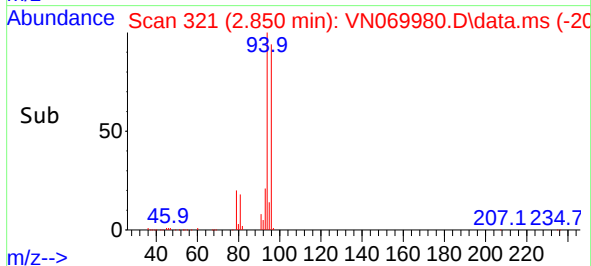
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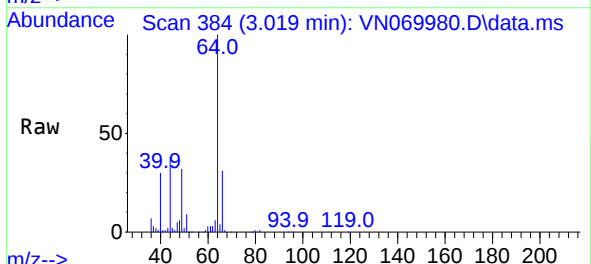
Tgt Ion: 94 Resp: 12762
Ion Ratio Lower Upper
94 100
96 93.0 73.8 110.8

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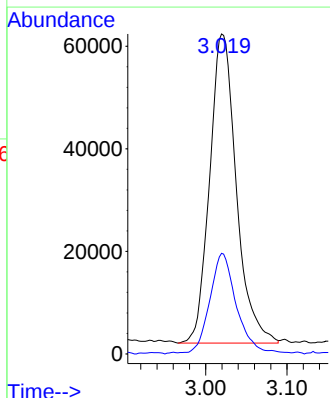
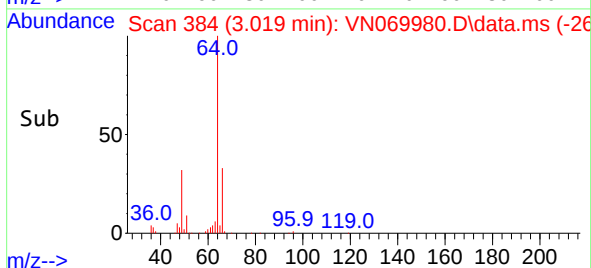
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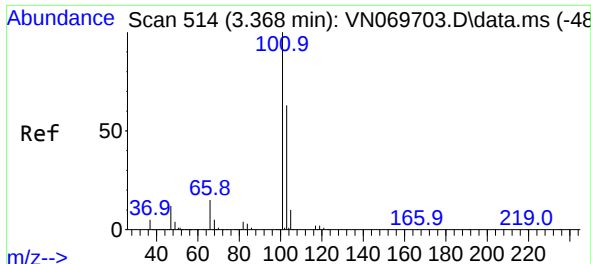


#6
Chloroethane
Concen: 18.259 ug/l
RT: 3.019 min Scan# 384
Delta R.T. 0.011 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



Tgt Ion: 64 Resp: 137560
Ion Ratio Lower Upper
64 100
66 32.2 26.3 39.5





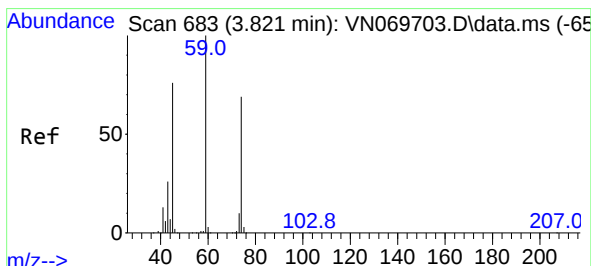
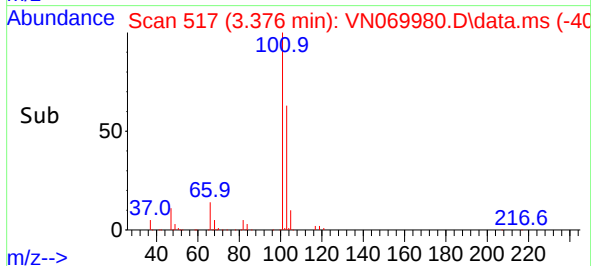
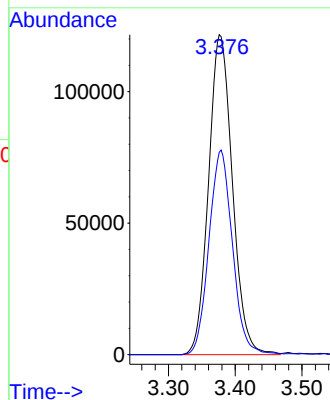
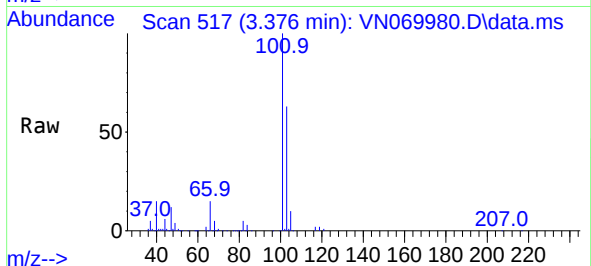
#7
Trichlorofluoromethane
Concen: 18.733 ug/l
RT: 3.376 min Scan# 514
Delta R.T. 0.008 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

Instrument :
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Tgt Ion:101 Resp: 302268
Ion Ratio Lower Upper
101 100
103 63.2 50.1 75.1

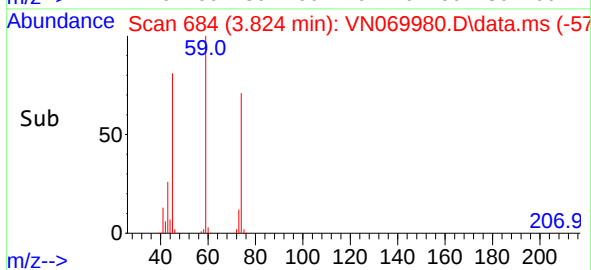
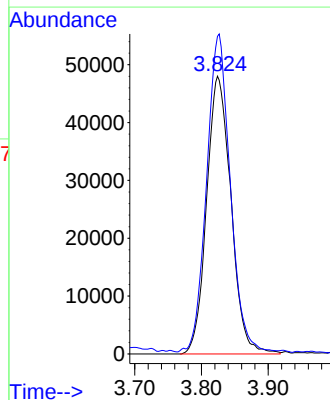
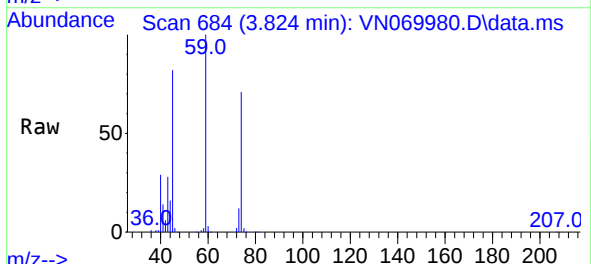
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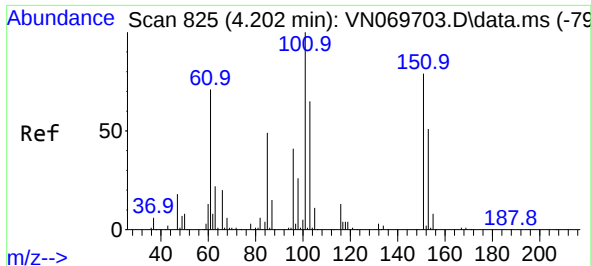
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#8
Diethyl Ether
Concen: 19.630 ug/l
RT: 3.824 min Scan# 684
Delta R.T. 0.003 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

Tgt Ion: 74 Resp: 121989
Ion Ratio Lower Upper
74 100
45 110.5 47.0 141.2





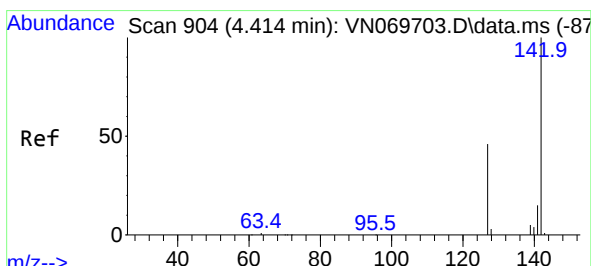
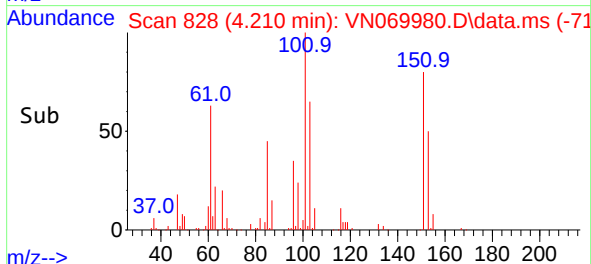
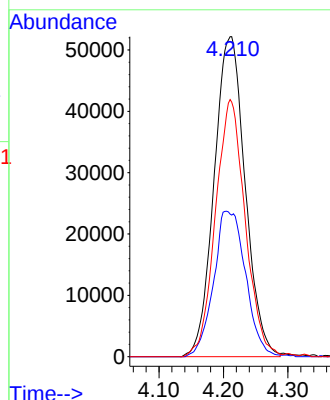
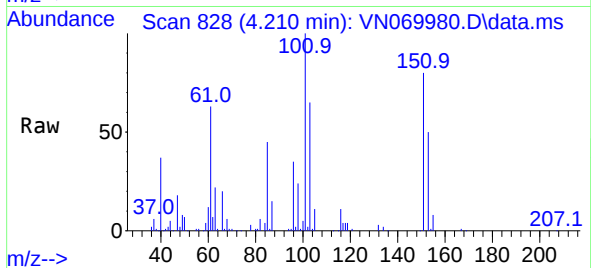
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.308 ug/l
RT: 4.210 min Scan# 81
Delta R.T. 0.008 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02

Tgt Ion:101 Resp: 17463
Ion Ratio Lower Upper
101 100
85 46.7 37.2 55.8
151 76.9 65.9 98.9

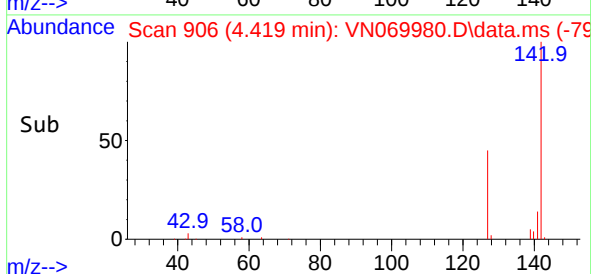
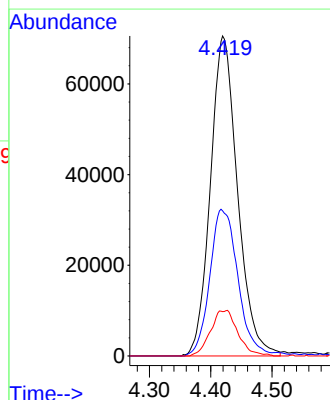
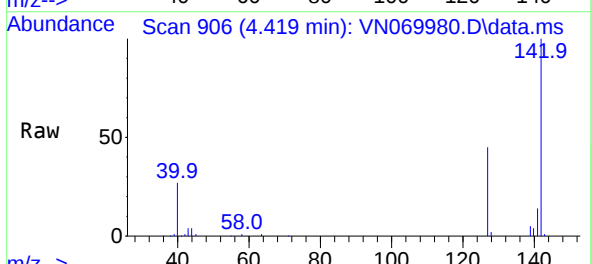
Manual Integrations
APPROVED

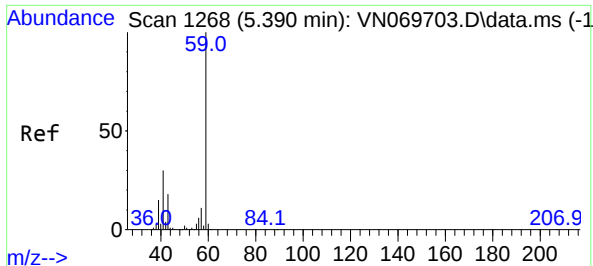
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#10
Methyl Iodide
Concen: 17.590 ug/l
RT: 4.419 min Scan# 906
Delta R.T. 0.005 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

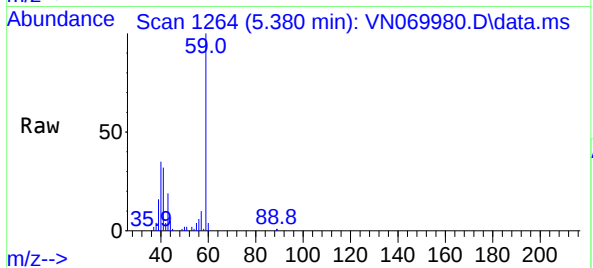
Tgt Ion:142 Resp: 217345
Ion Ratio Lower Upper
142 100
127 47.3 35.4 53.0
141 6.7 11.6 17.4#





#11
Tert butyl alcohol
Concen: 85.161 ug/l
RT: 5.380 min Scan# 11
Delta R.T. -0.011 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

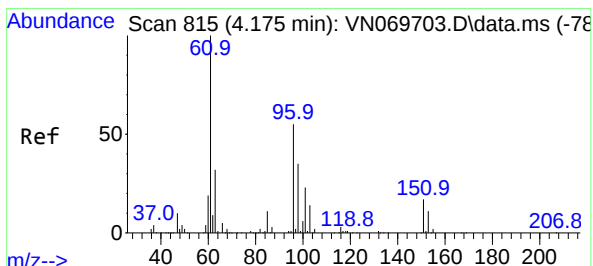
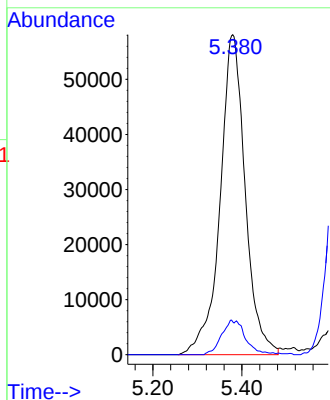
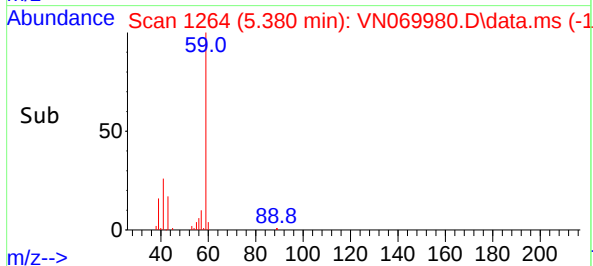
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02



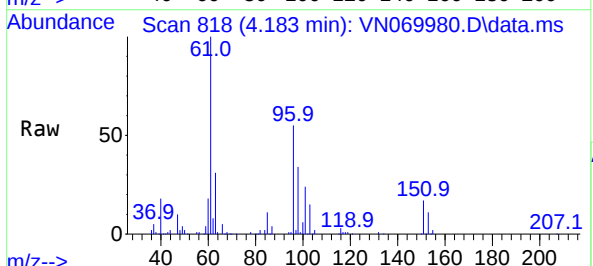
Tgt Ion: 59 Resp: 22742
Ion Ratio Lower Upper
59 100
57 5.4 8.7 13.1

Manual Integrations
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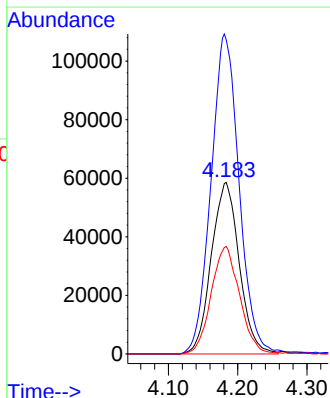
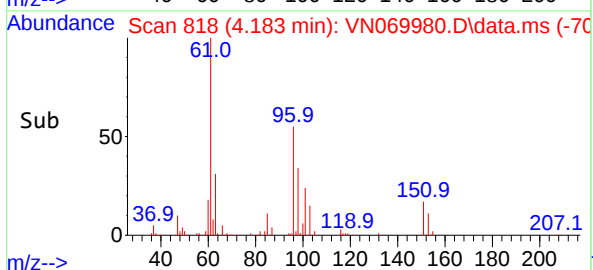
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#12
1,1-Dichloroethene
Concen: 18.830 ug/l
RT: 4.183 min Scan# 818
Delta R.T. 0.008 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



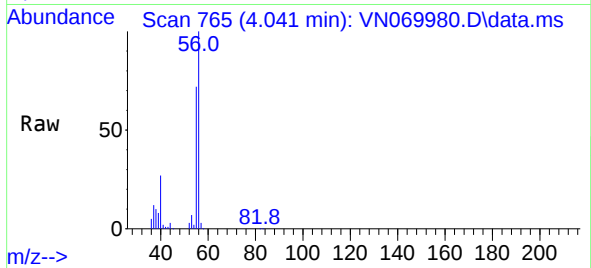
Tgt Ion: 96 Resp: 164123
Ion Ratio Lower Upper
96 100
61 183.1 131.0 196.6
98 62.6 52.4 78.6





#13
Acrolein
Concen: 93.043 ug/l
RT: 4.041 min Scan# 764
Delta R.T. 0.003 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

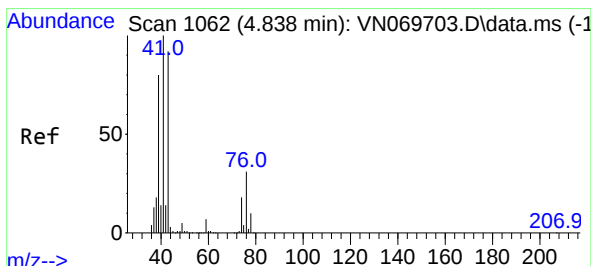
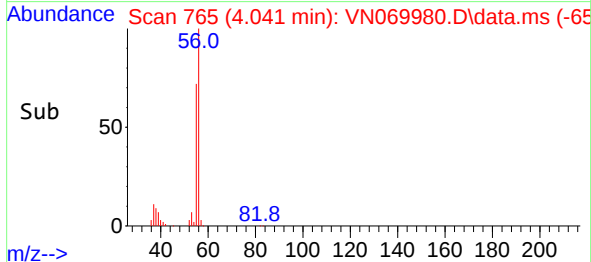
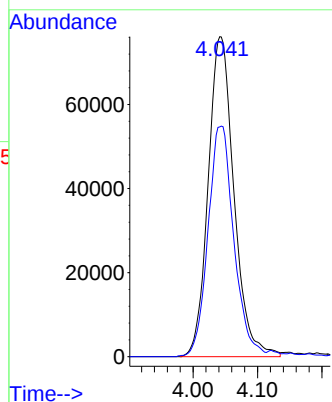
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02



Tgt Ion: 56 Resp: 211590
Ion Ratio Lower Upper
56 100
55 72.0 56.6 85.0

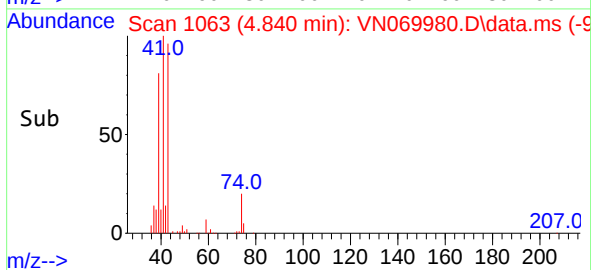
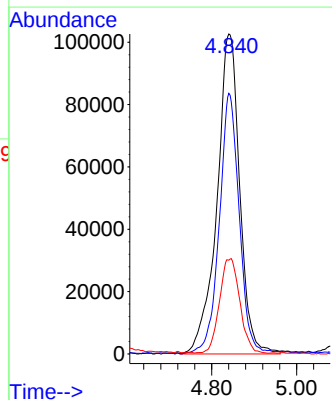
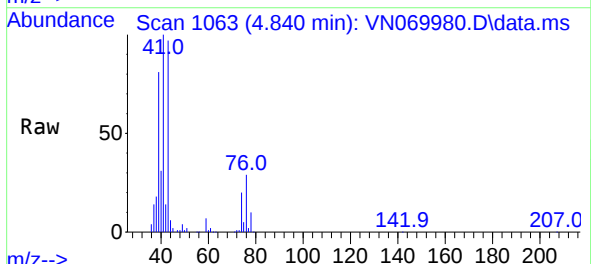
Manual Integrations
APPROVED

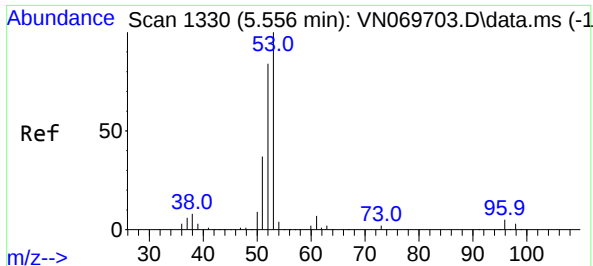
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#14
Allyl chloride
Concen: 19.483 ug/l
RT: 4.840 min Scan# 1063
Delta R.T. 0.003 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

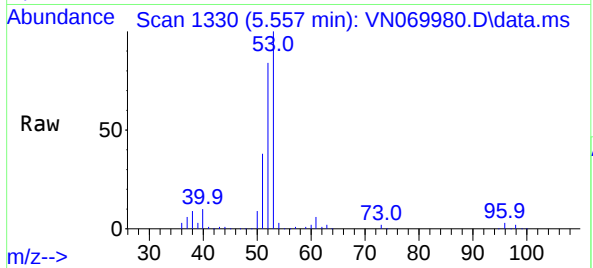
Tgt Ion: 41 Resp: 382653
Ion Ratio Lower Upper
41 100
39 71.3 61.2 91.8
76 26.3 26.0 39.0





#15
Acrylonitrile
Concen: 91.956 ug/l
RT: 5.557 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

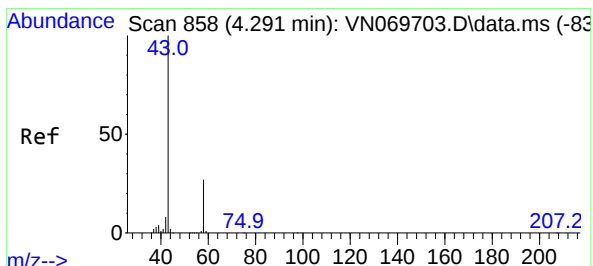
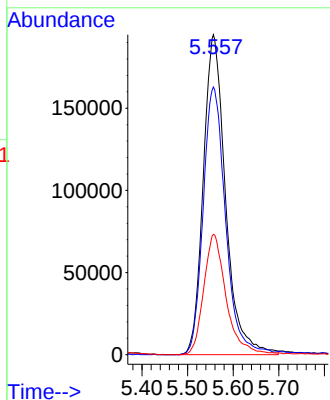
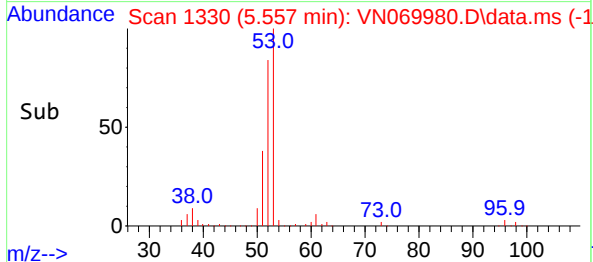
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02



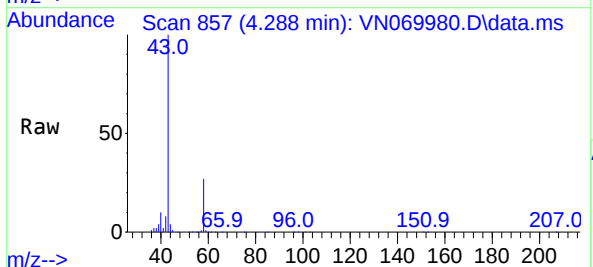
Tgt Ion: 53 Resp: 661710
Ion Ratio Lower Upper
53 100
52 84.2 66.2 99.2
51 37.8 29.6 44.4

Manual Integrations
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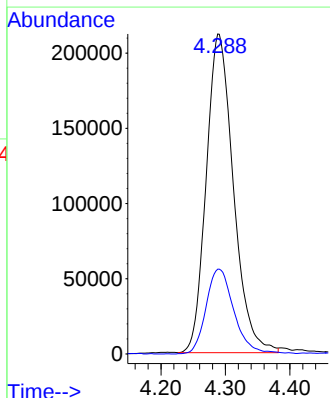
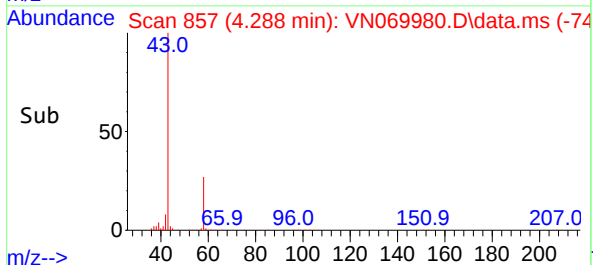
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

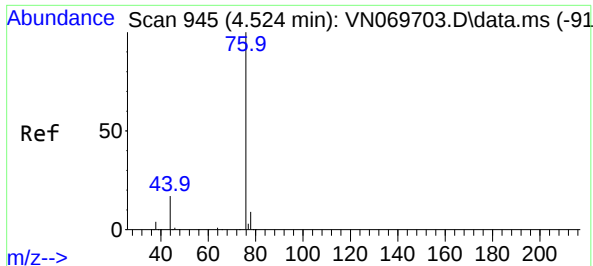


#16
Acetone
Concen: 73.077 ug/l
RT: 4.288 min Scan# 857
Delta R.T. -0.003 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



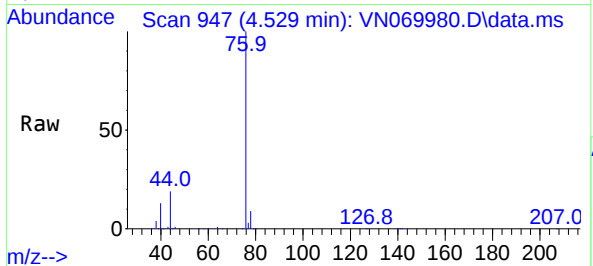
Tgt Ion: 43 Resp: 621050
Ion Ratio Lower Upper
43 100
58 26.5 23.1 34.7





#17
Carbon Disulfide
Concen: 19.907 ug/l
RT: 4.529 min Scan# 945
Delta R.T. 0.005 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

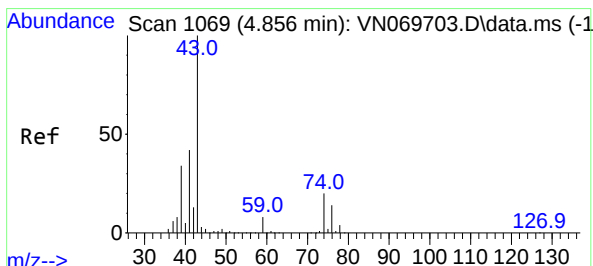
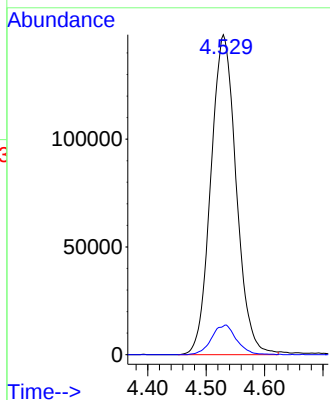
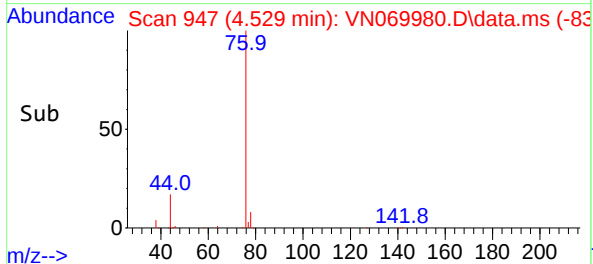
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02



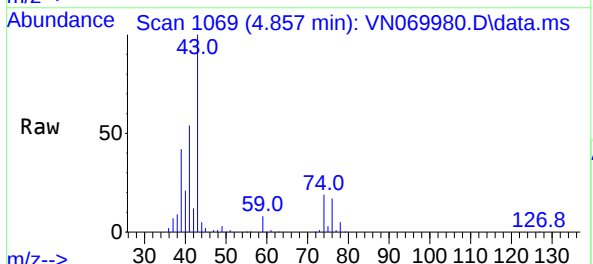
Tgt Ion: 76 Resp: 448262
Ion Ratio Lower Upper
76 100
78 8.9 7.5 11.3

Manual Integrations
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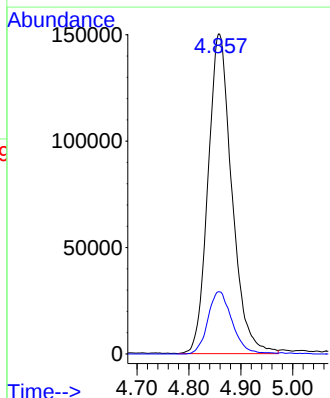
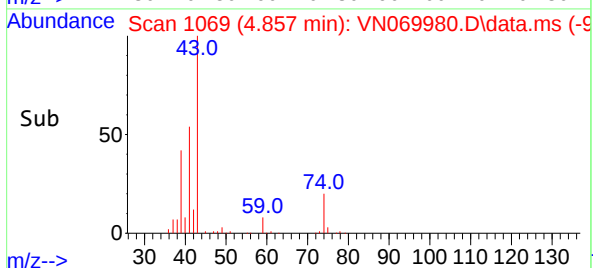
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

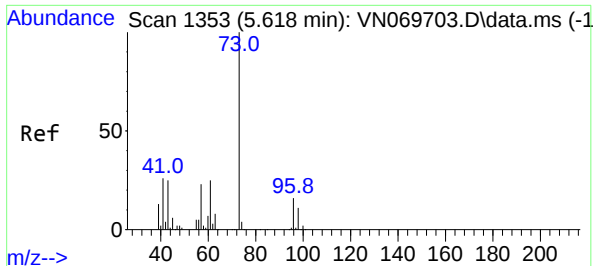


#18
Methyl Acetate
Concen: 18.680 ug/l
RT: 4.857 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



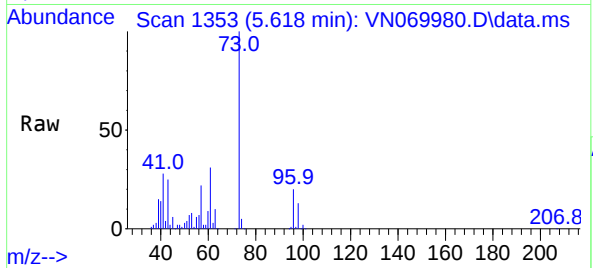
Tgt Ion: 43 Resp: 479186
Ion Ratio Lower Upper
43 100
74 19.9 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 19.152 ug/l
RT: 5.618 min Scan# 1160
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

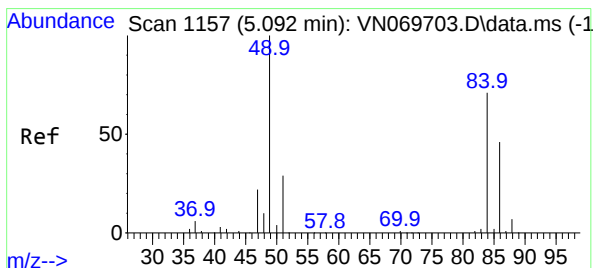
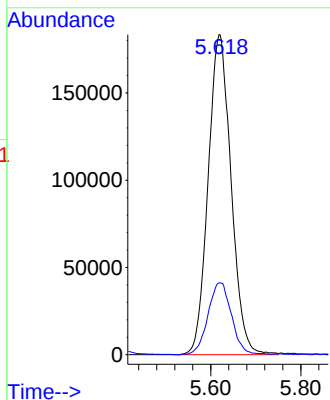
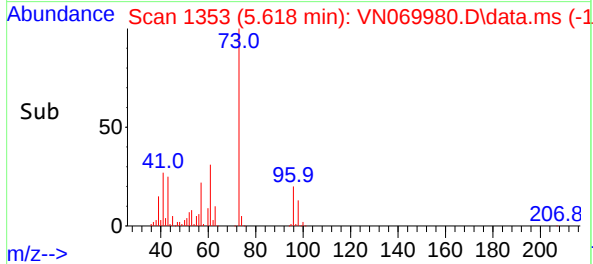
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02



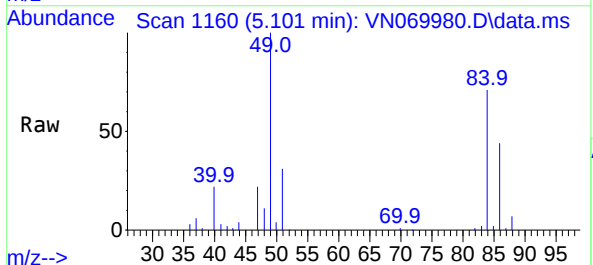
Tgt Ion: 73 Resp: 649068
Ion Ratio Lower Upper
73 100
57 22.4 16.8 25.2

Manual Integrations
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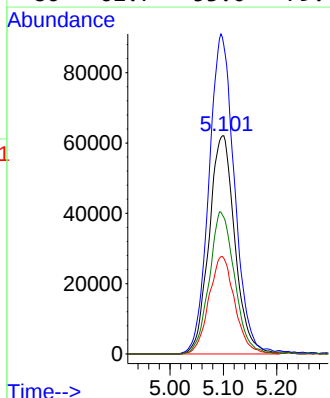
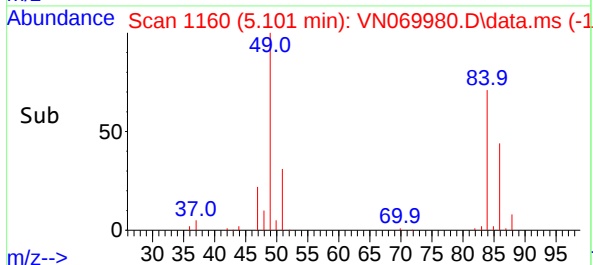
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#20
Methylene Chloride
Concen: 18.425 ug/l
RT: 5.101 min Scan# 1160
Delta R.T. 0.008 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



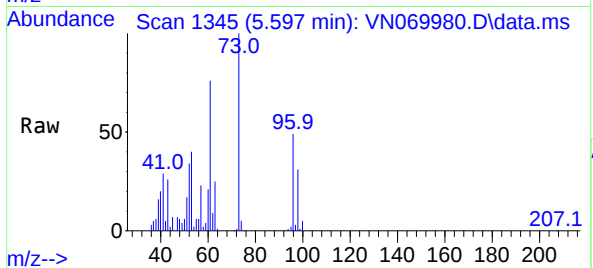
Tgt Ion: 84 Resp: 208165
Ion Ratio Lower Upper
84 100
49 141.5 93.5 140.3#
51 43.8 29.4 44.2
86 62.7 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 18.674 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

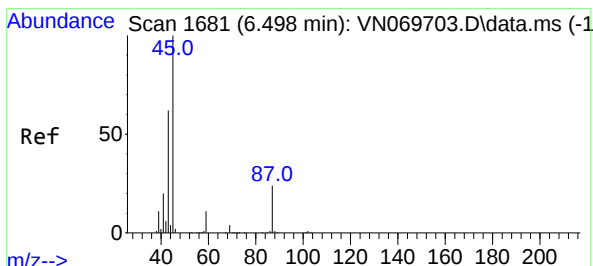
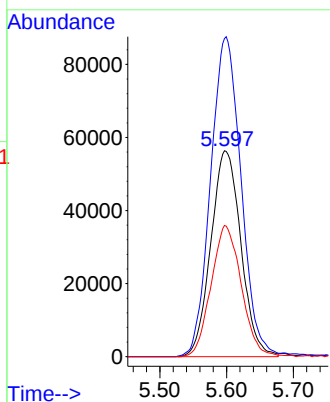
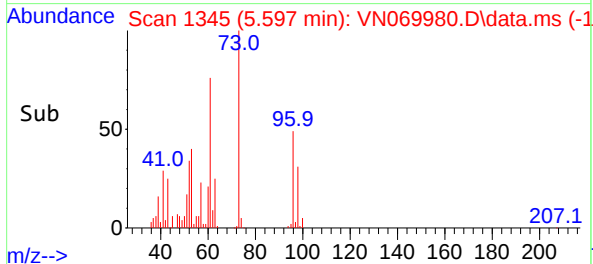
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02



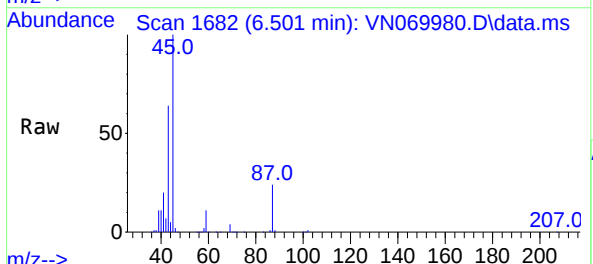
Tgt Ion: 96 Resp: 17678
Ion Ratio Lower Upper
96 100
61 154.1 105.8 158.6
98 63.7 52.0 78.0

Manual Integrations
APPROVED

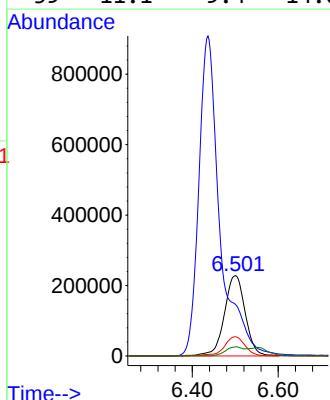
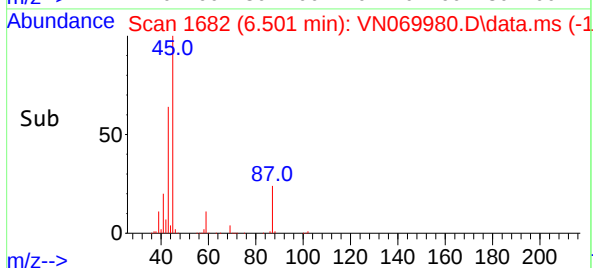
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

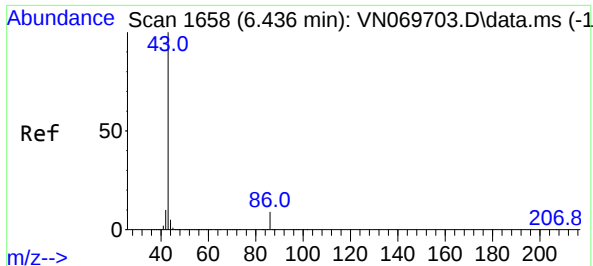


#22
Diisopropyl ether
Concen: 20.027 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



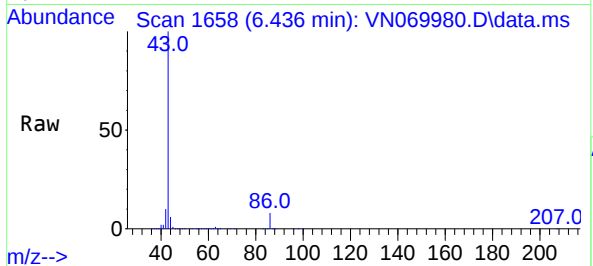
Tgt Ion: 45 Resp: 768779
Ion Ratio Lower Upper
45 100
43 63.7 51.7 77.5
87 23.8 23.2 34.8
59 11.1 9.4 14.0





#23
 Vinyl Acetate
 Concen: 99.596 ug/l
 RT: 6.436 min Scan# 1658
 Delta R.T. 0.000 min
 Lab File: VN069980.D
 Acq: 11 Dec 2021 1:45

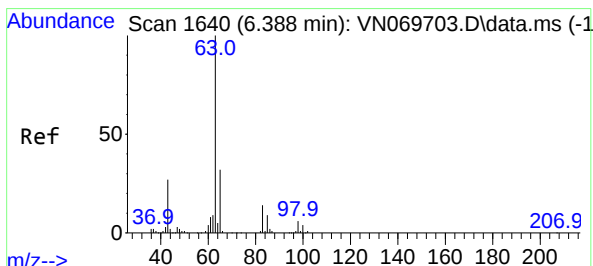
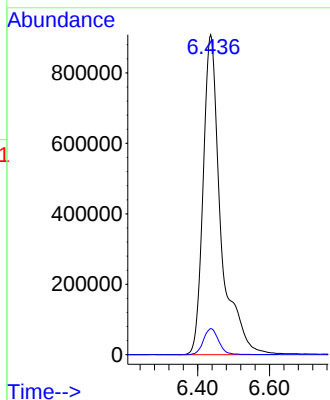
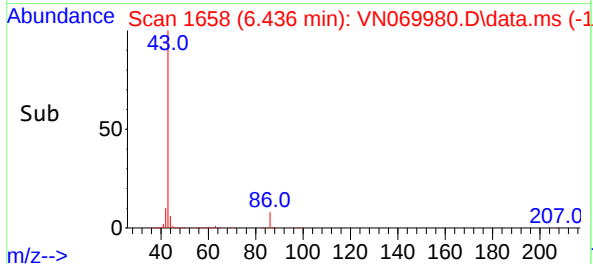
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD02



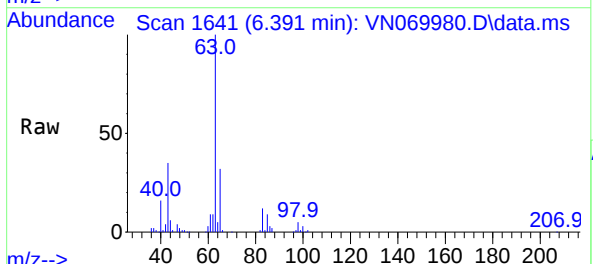
Tgt Ion: 43 Resp: 311043
 Ion Ratio Lower Upper
 43 100
 86 8.1 8.5 12.7

Manual Integrations
 APPROVED

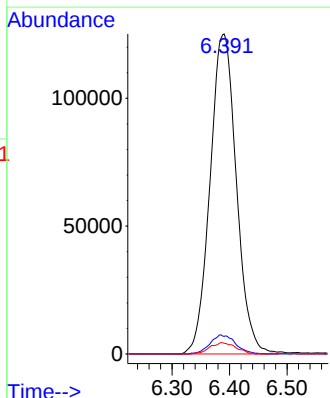
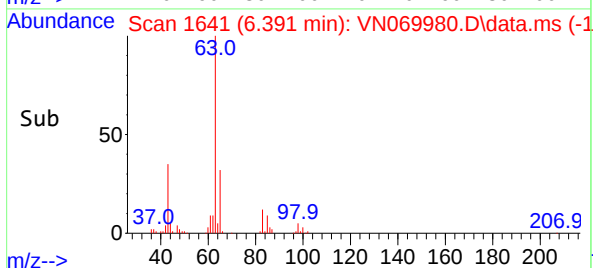
Reviewed By :John Carlone 12/11/2021
 Supervised By :Amit Patel 12/14/2021



#24
 1,1-Dichloroethane
 Concen: 20.009 ug/l
 RT: 6.391 min Scan# 1641
 Delta R.T. 0.003 min
 Lab File: VN069980.D
 Acq: 11 Dec 2021 1:45



Tgt Ion: 63 Resp: 397876
 Ion Ratio Lower Upper
 63 100
 98 5.5 3.3 9.9
 100 3.3 2.1 6.5





#25
2-Butanone
Concen: 83.015 ug/l
RT: 7.340 min Scan# 1995
Delta R.T. 0.003 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

Instrument :

MSVOA_N

ClientSampleId :

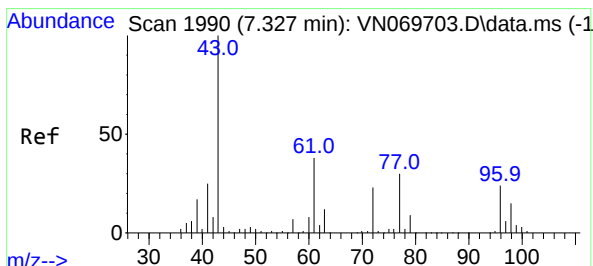
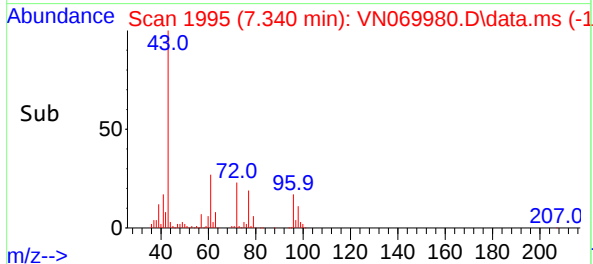
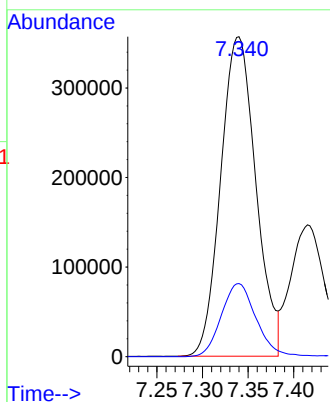
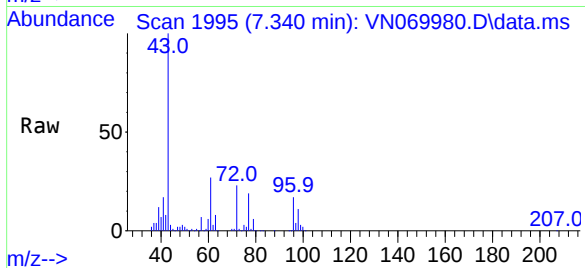
VN1210WBSD02

Tgt Ion: 43 Resp: 95857
Ion Ratio Lower Upper
43 100
72 22.9 21.7 32.5

Manual Integrations

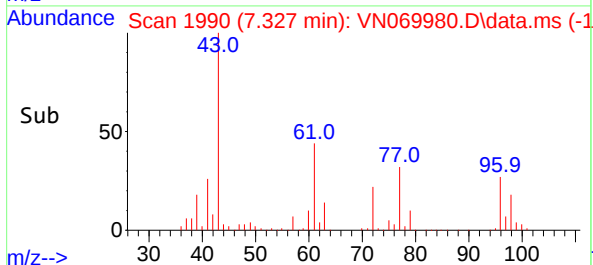
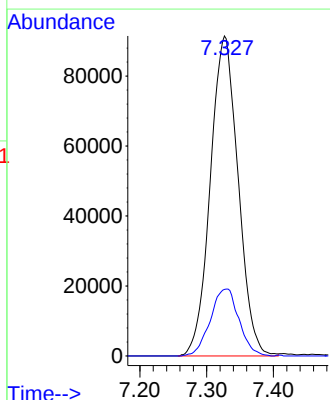
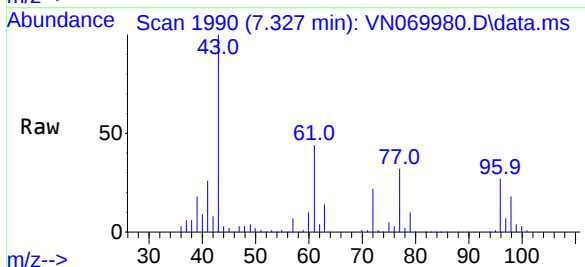
APPROVED

Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#26
2,2-Dichloropropane
Concen: 17.125 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

Tgt Ion: 77 Resp: 264764
Ion Ratio Lower Upper
77 100
97 21.6 11.6 34.8





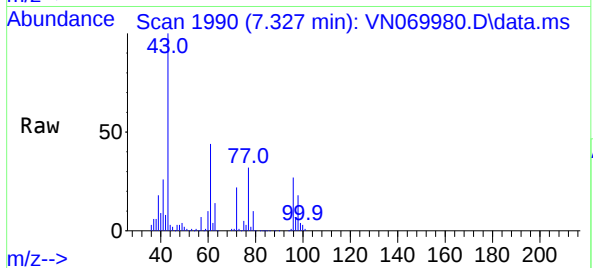
#27
cis-1,2-Dichloroethene
Concen: 18.648 ug/l
RT: 7.327 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD02

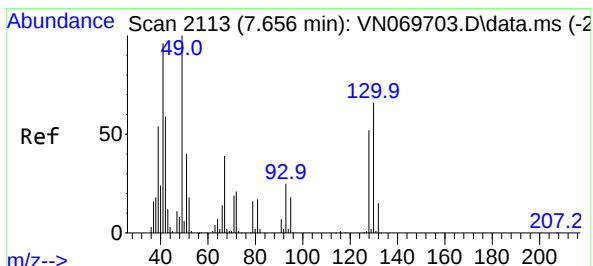
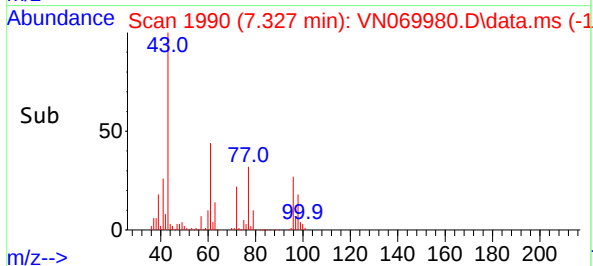
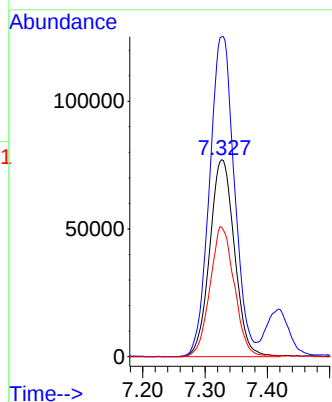


Tgt Ion: 96 Resp: 21328
Ion Ratio Lower Upper
96 100
61 163.0 0.0 275.0
98 64.5 0.0 129.6

Manual Integrations

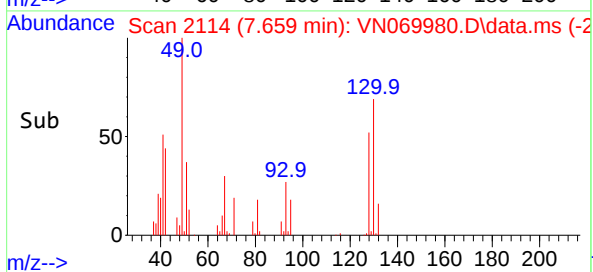
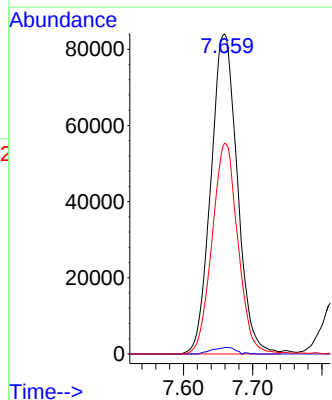
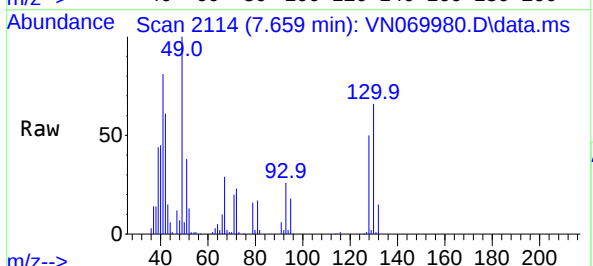
APPROVED

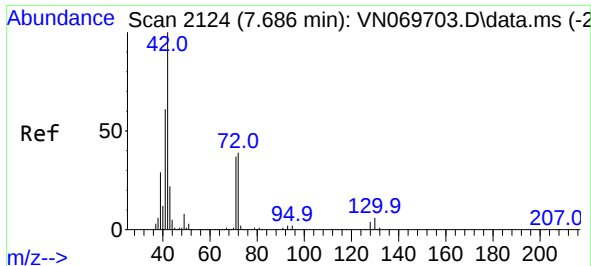
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#28
Bromochloromethane
Concen: 21.586 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

Tgt Ion: 49 Resp: 223216
Ion Ratio Lower Upper
49 100
129 1.8 0.0 4.0
130 64.1 67.8 101.8





#29

Tetrahydrofuran

Concen: 91.654 ug/l

RT: 7.689 min Scan# 2124

Delta R.T. 0.003 min

Lab File: VN069980.D

Acq: 11 Dec 2021 1:45

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD02

Tgt Ion: 42 Resp: 64264

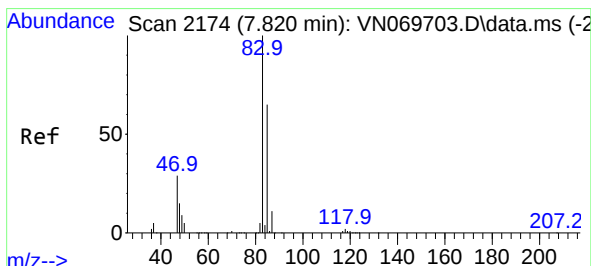
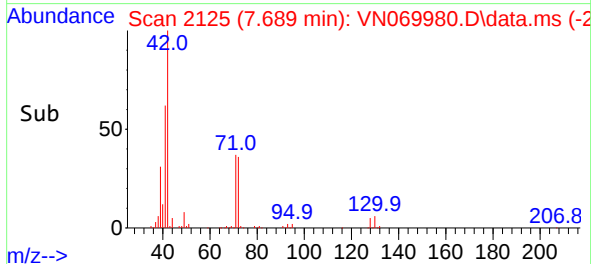
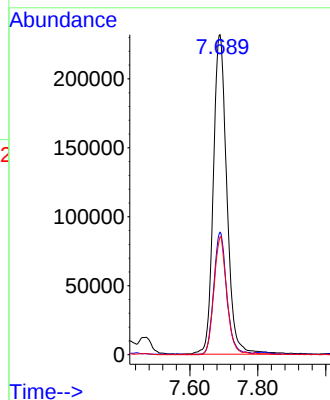
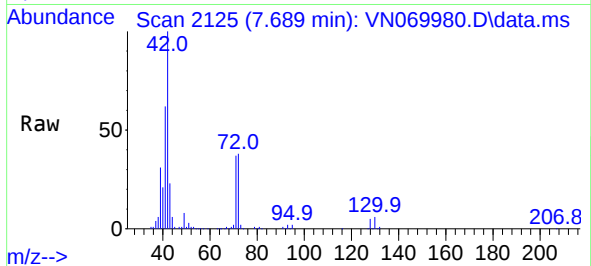
Ion	Ratio	Lower	Upper
42	100		
72	36.2	36.3	54.5
71	34.7	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2021

Supervised By :Amit Patel 12/14/2021



#30

Chloroform

Concen: 19.695 ug/l

RT: 7.820 min Scan# 2174

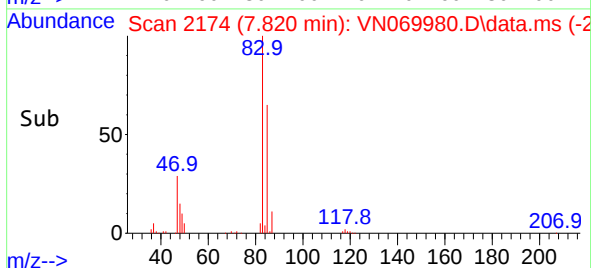
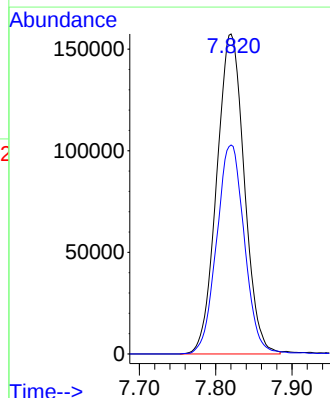
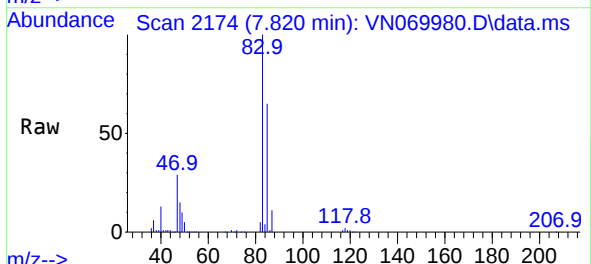
Delta R.T. 0.000 min

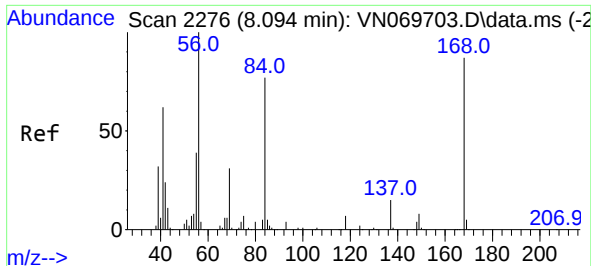
Lab File: VN069980.D

Acq: 11 Dec 2021 1:45

Tgt Ion: 83 Resp: 395524

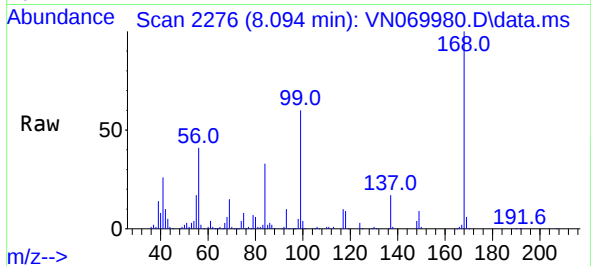
Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.9	77.9





#31
Cyclohexane
Concen: 18.832 ug/l
RT: 8.094 min Scan# 2276
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

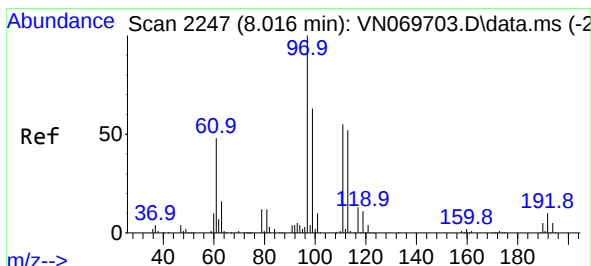
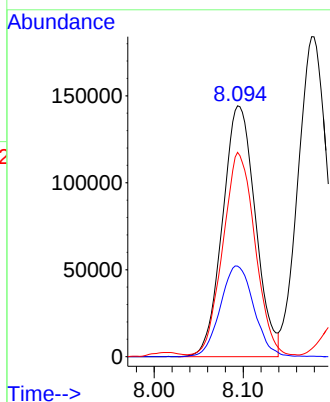
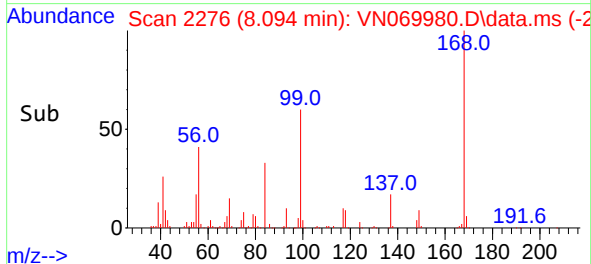
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02



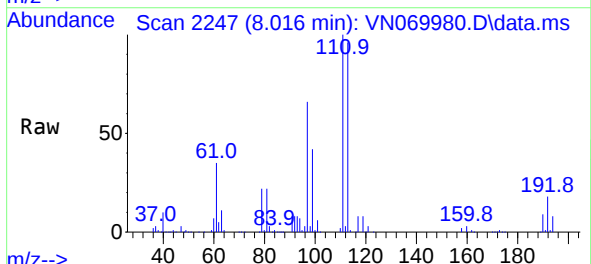
Tgt Ion: 56 Resp: 370250
Ion Ratio Lower Upper
56 100
69 36.1 27.1 40.7
84 80.3 73.4 110.0

Manual Integrations
APPROVED

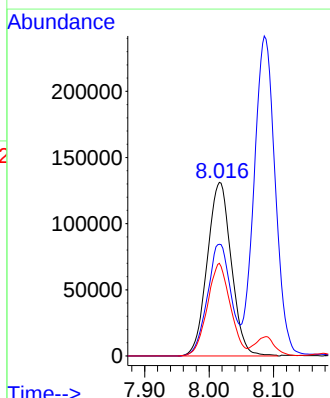
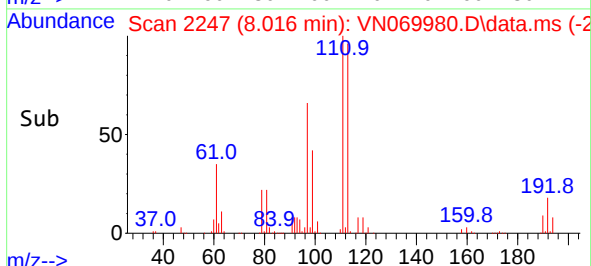
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

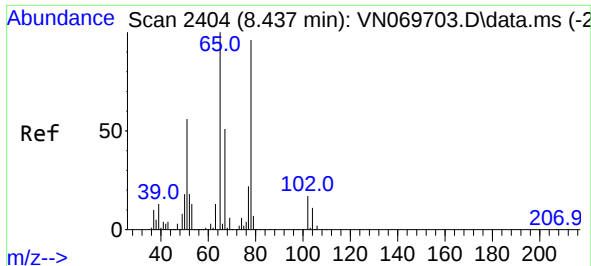


#32
1,1,1-Trichloroethane
Concen: 19.893 ug/l
RT: 8.016 min Scan# 2247
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



Tgt Ion: 97 Resp: 340303
Ion Ratio Lower Upper
97 100
99 62.6 50.1 75.1
61 51.1 35.2 52.8





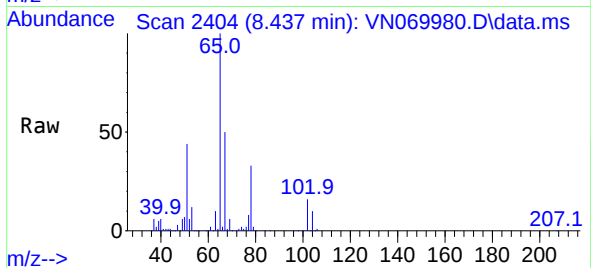
#33
1,2-Dichloroethane-d4
Concen: 52.391 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD02

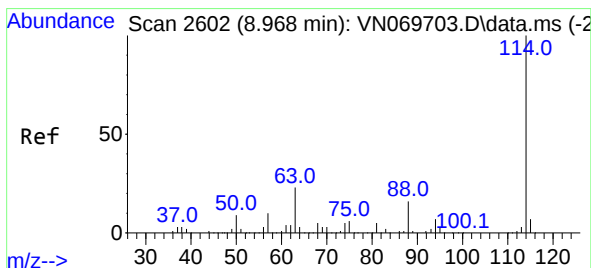
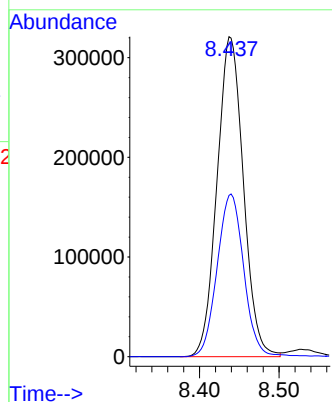


Tgt Ion: 65 Resp: 740164
Ion Ratio Lower Upper
65 100
67 51.2 0.0 103.0

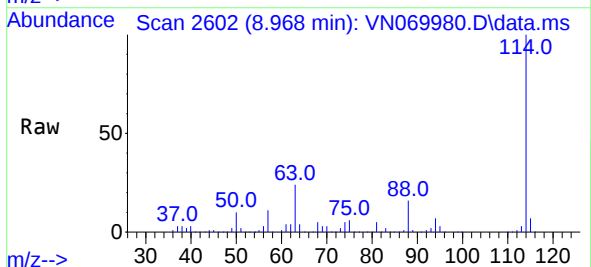
Manual Integrations

APPROVED

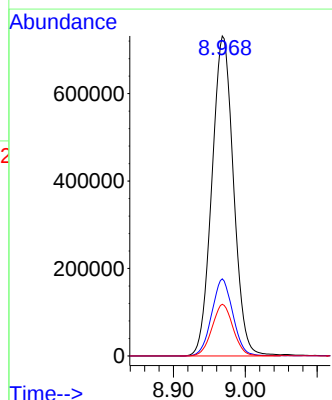
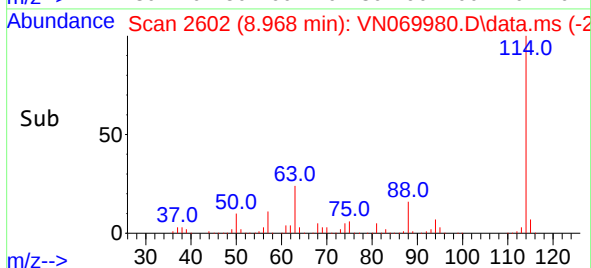
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

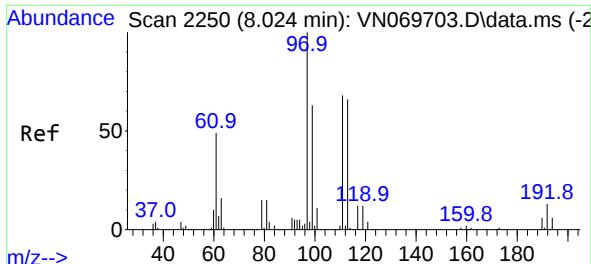


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2602
Delta R.T. -0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



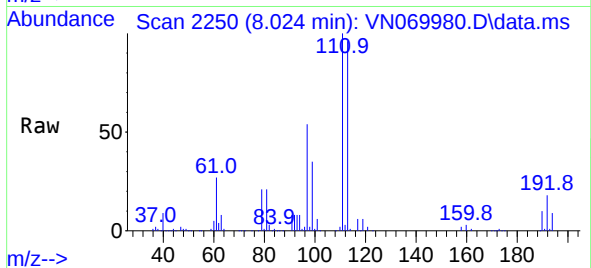
Tgt Ion:114 Resp: 1525089
Ion Ratio Lower Upper
114 100
63 24.1 0.0 37.8
88 16.1 0.0 27.4





#35
Dibromofluoromethane
Concen: 53.615 ug/l
RT: 8.024 min Scan# 2117
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

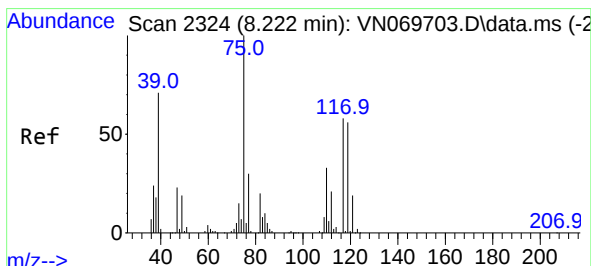
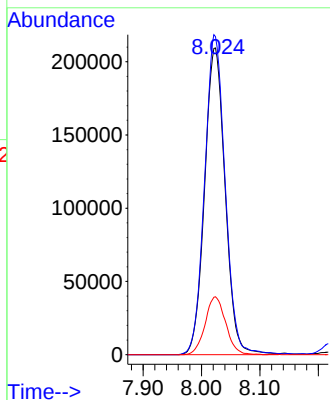
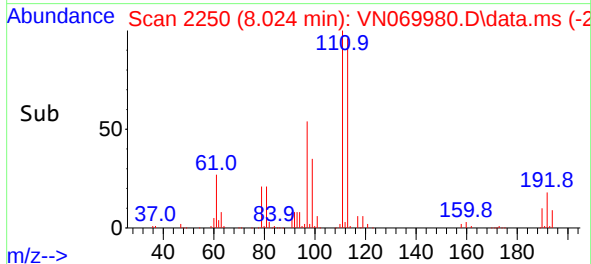
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02



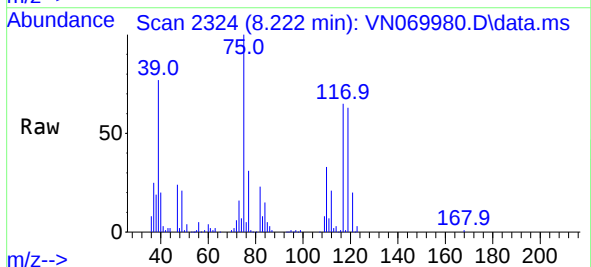
Tgt Ion: 113 Resp: 51217
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.2
192 18.8 16.9 25.3

Manual Integrations
APPROVED

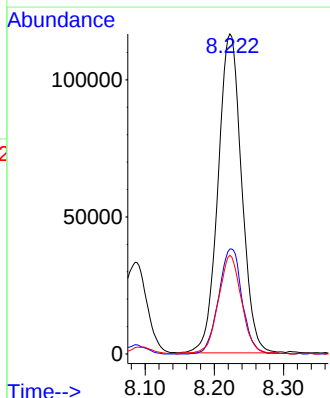
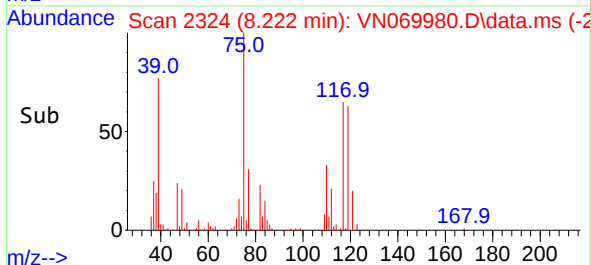
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

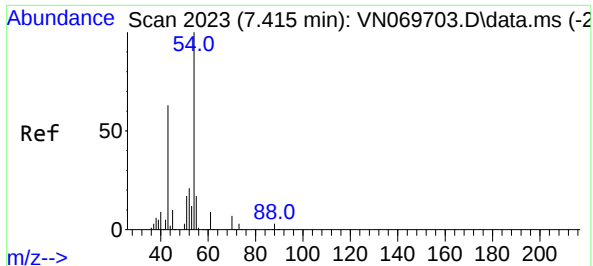


#36
1,1-Dichloropropene
Concen: 18.932 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



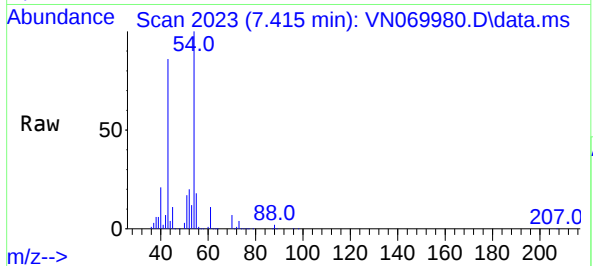
Tgt Ion: 75 Resp: 274861
Ion Ratio Lower Upper
75 100
110 32.8 18.4 55.2
77 30.6 24.4 36.6





#37
Ethyl Acetate
Concen: 17.785 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

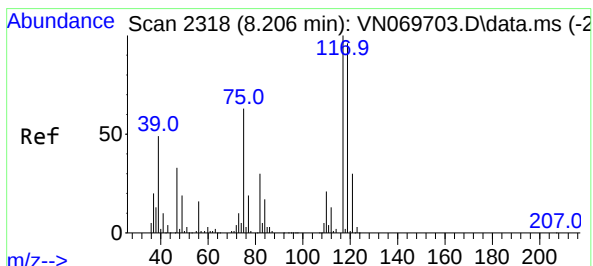
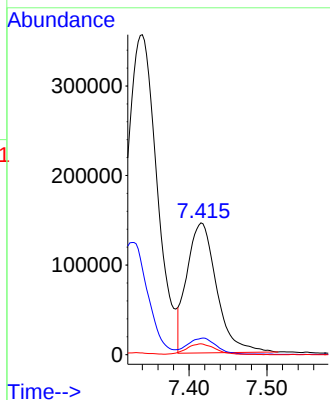
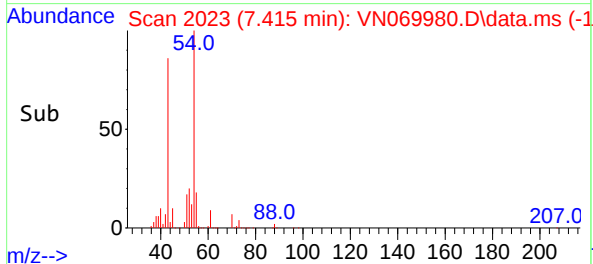
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02



Tgt Ion: 43 Resp: 384307
Ion Ratio Lower Upper
43 100
61 12.1 11.5 17.3
70 8.3 7.9 11.9

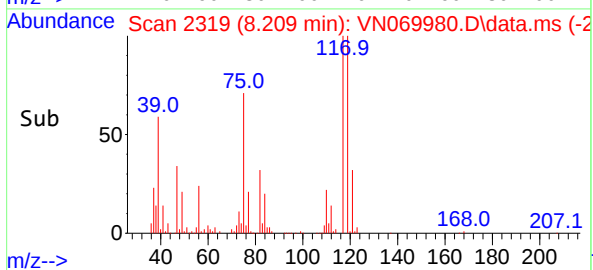
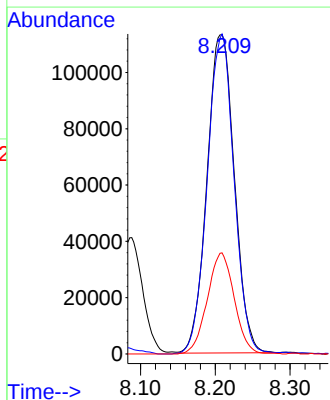
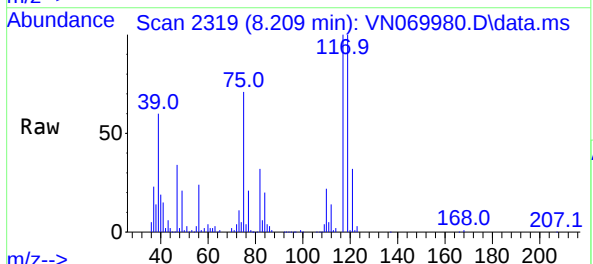
Manual Integrations
APPROVED

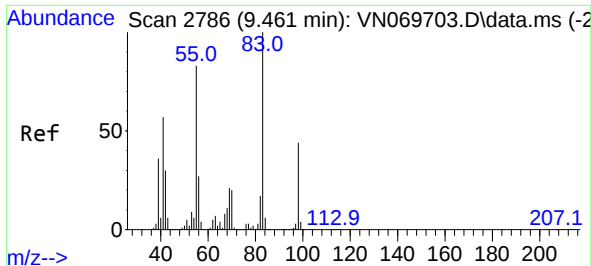
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#38
Carbon Tetrachloride
Concen: 20.233 ug/l
RT: 8.209 min Scan# 2319
Delta R.T. 0.003 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

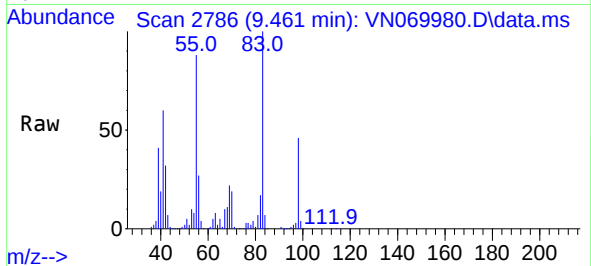
Tgt Ion:117 Resp: 288064
Ion Ratio Lower Upper
117 100
119 100.4 76.1 114.1
121 31.8 24.2 36.2





#39
Methylcyclohexane
Concen: 17.708 ug/l
RT: 9.461 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

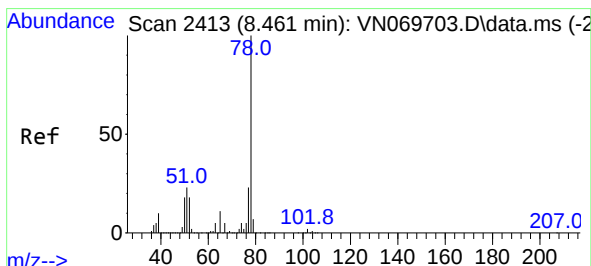
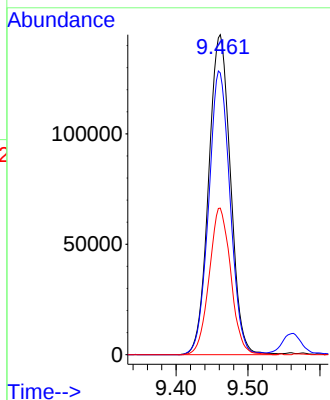
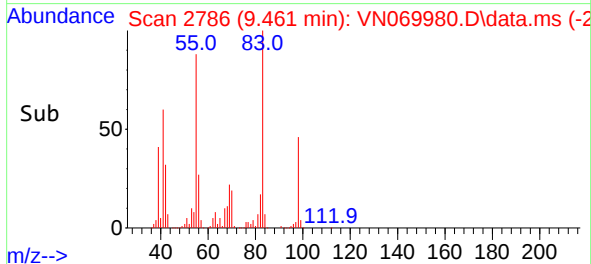
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02



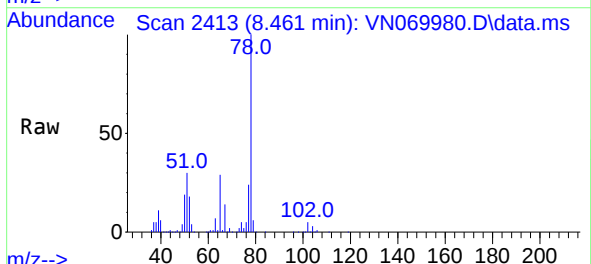
Tgt Ion: 83 Resp: 305798
Ion Ratio Lower Upper
83 100
55 88.0 58.1 87.1
98 45.8 38.4 57.6

Manual Integrations
APPROVED

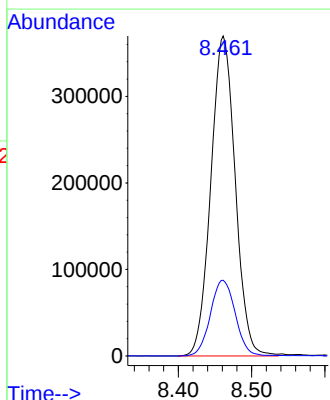
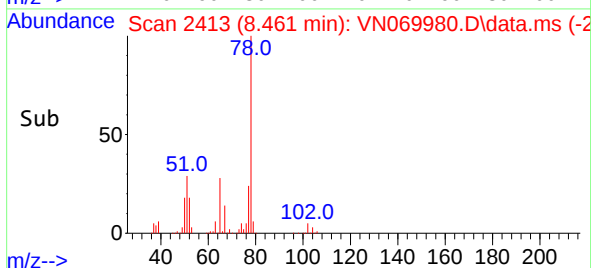
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

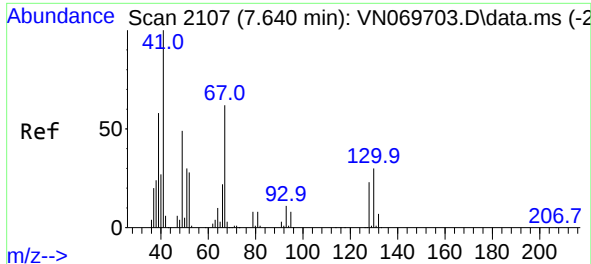


#40
Benzene
Concen: 19.277 ug/l
RT: 8.461 min Scan# 2413
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



Tgt Ion: 78 Resp: 855472
Ion Ratio Lower Upper
78 100
77 23.7 18.6 27.8





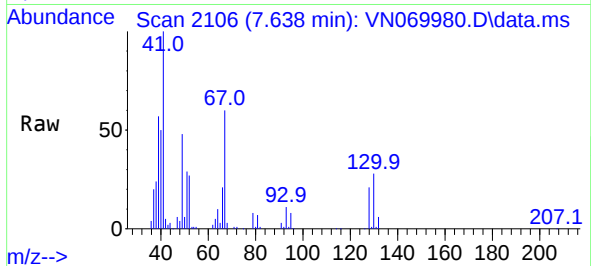
#41
Methacrylonitrile
Concen: 19.259 ug/l
RT: 7.638 min Scan# 2106
Delta R.T. -0.002 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD02

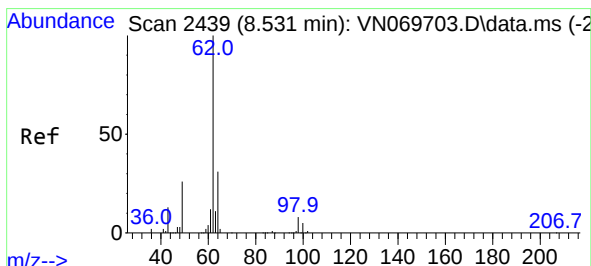
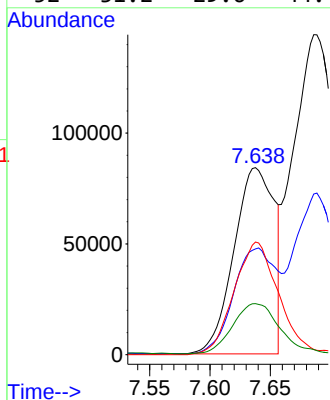
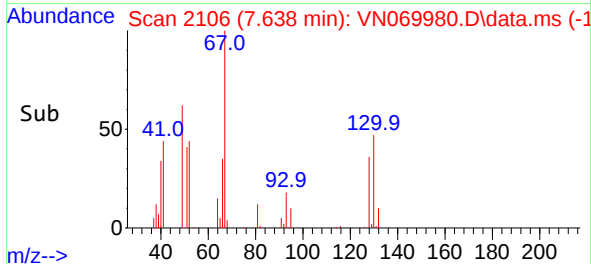


Tgt Ion: 41 Resp: 19535
Ion Ratio Lower Upper
41 100
39 60.4 48.1 72.1
67 68.3 68.3 102.5
52 31.2 29.6 44.4

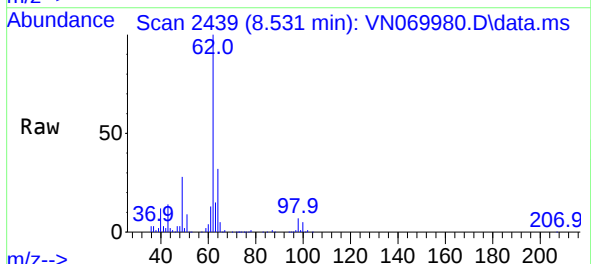
Manual Integrations

APPROVED

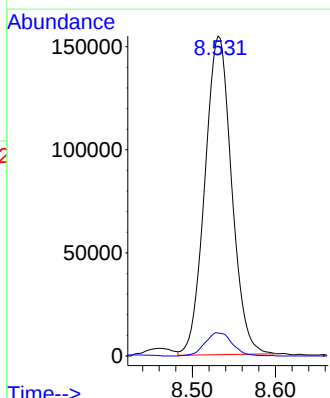
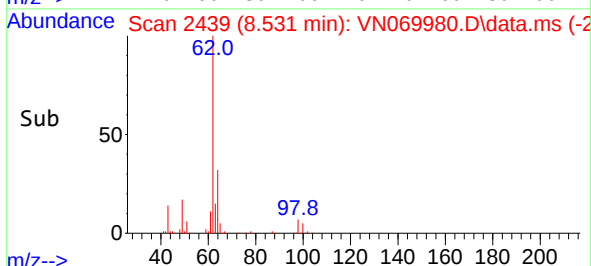
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

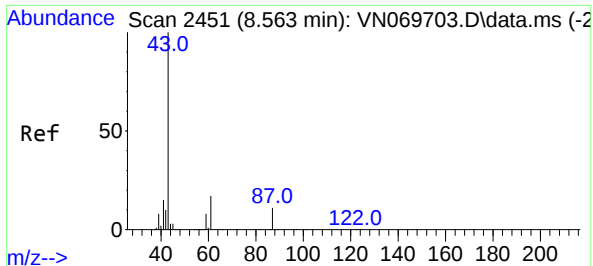


#42
1,2-Dichloroethane
Concen: 19.325 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



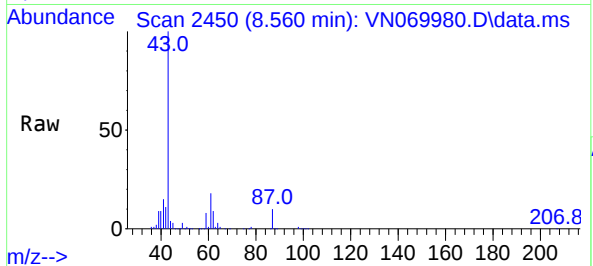
Tgt Ion: 62 Resp: 346186
Ion Ratio Lower Upper
62 100
98 7.5 0.0 17.6





#43
Isopropyl Acetate
Concen: 19.023 ug/l
RT: 8.560 min Scan# 2451
Delta R.T. -0.003 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

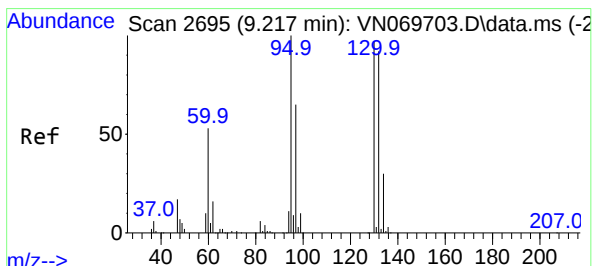
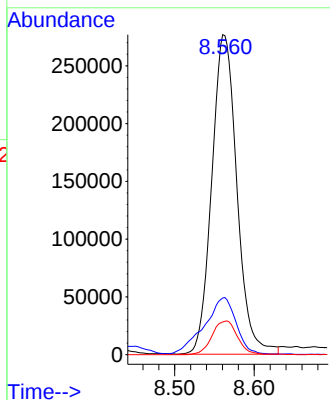
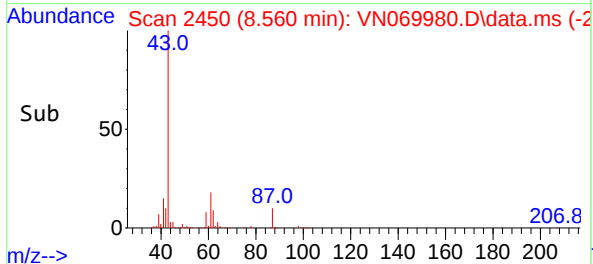
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02



Tgt Ion: 43 Resp: 608310
Ion Ratio Lower Upper
43 100
61 22.2 20.4 30.6
87 10.7 11.2 16.8

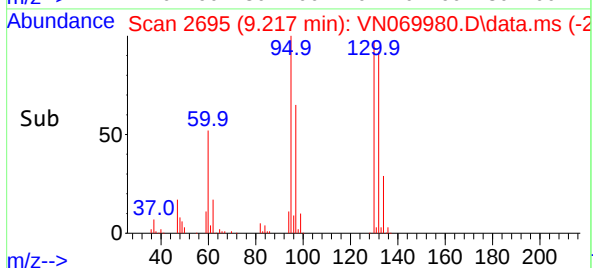
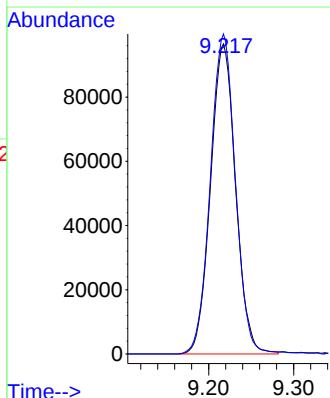
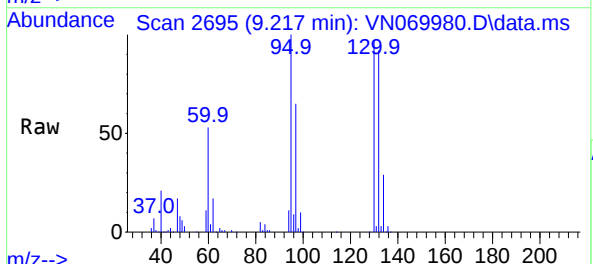
Manual Integrations
APPROVED

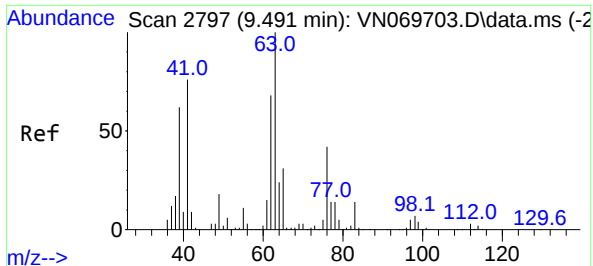
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#44
Trichloroethene
Concen: 18.655 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

Tgt Ion:130 Resp: 197596
Ion Ratio Lower Upper
130 100
95 103.2 0.0 191.2





#45

1,2-Dichloropropane

Concen: 19.577 ug/l

RT: 9.491 min Scan# 2797

Delta R.T. 0.000 min

Lab File: VN069980.D

Acq: 11 Dec 2021 1:45

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD02

Tgt Ion: 63 Resp: 23330

Ion Ratio Lower Upper

63 100

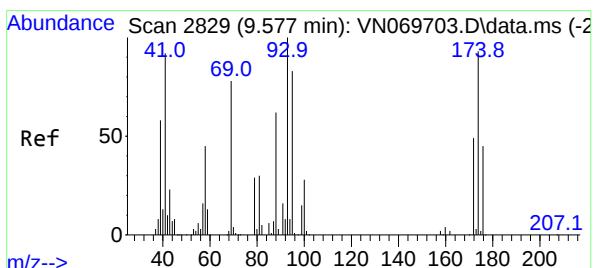
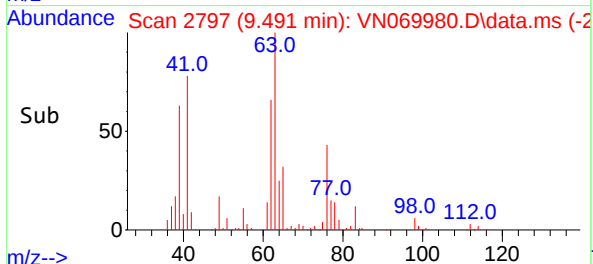
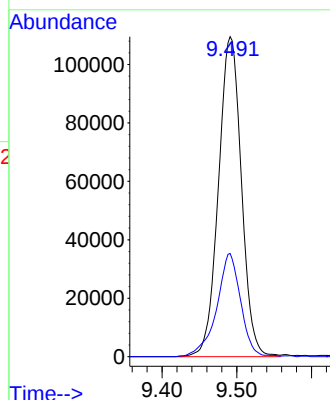
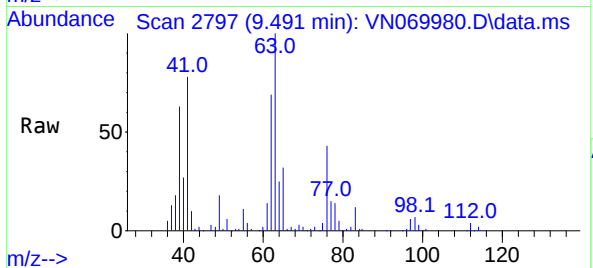
65 32.0 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/11/2021

Supervised By :Amit Patel 12/14/2021



#46

Dibromomethane

Concen: 19.369 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN069980.D

Acq: 11 Dec 2021 1:45

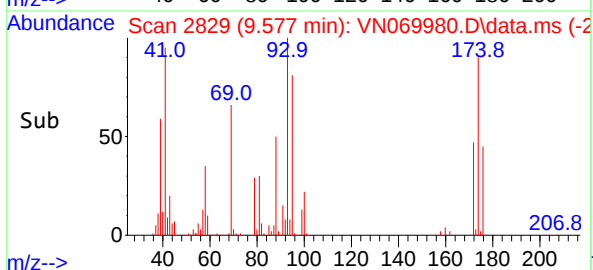
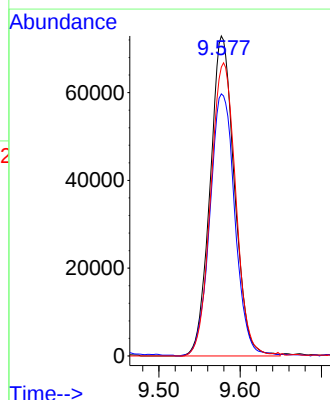
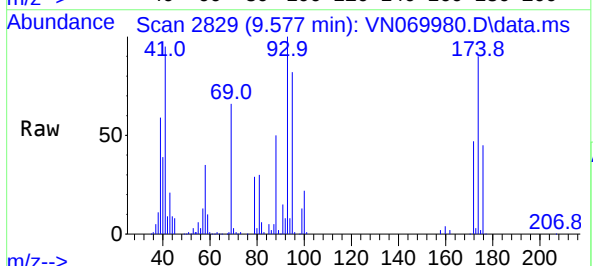
Tgt Ion: 93 Resp: 151379

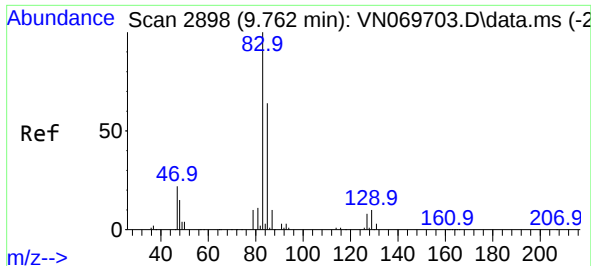
Ion Ratio Lower Upper

93 100

95 84.1 65.9 98.9

174 94.1 84.6 127.0





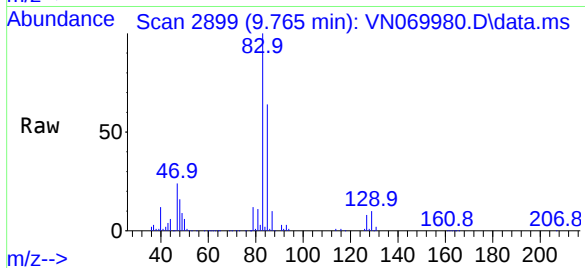
#47
Bromodichloromethane
Concen: 21.681 ug/l
RT: 9.765 min Scan# 2898
Delta R.T. 0.003 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD02

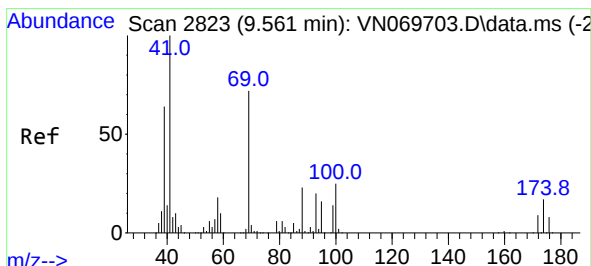
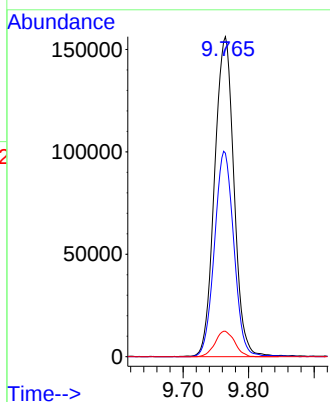
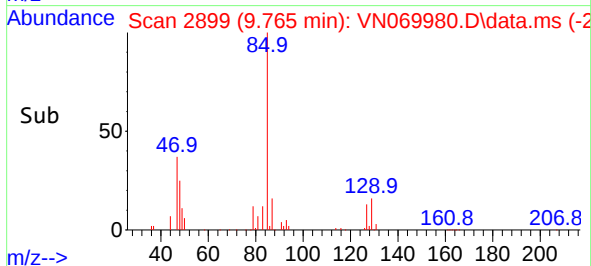


Tgt Ion: 83 Resp: 32082
Ion Ratio Lower Upper
83 100
85 63.6 50.9 76.3
127 7.9 7.1 10.7

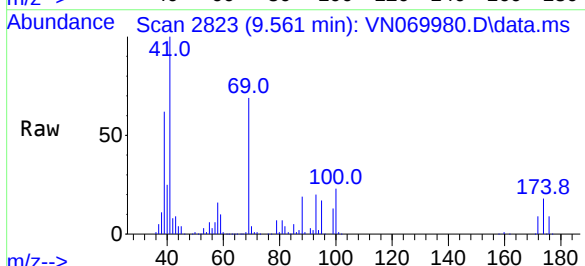
Manual Integrations

APPROVED

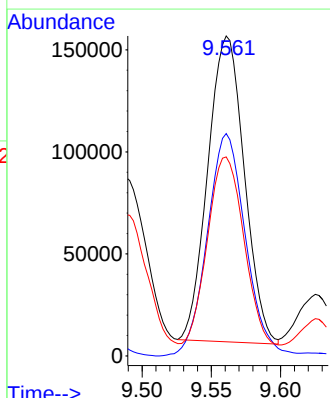
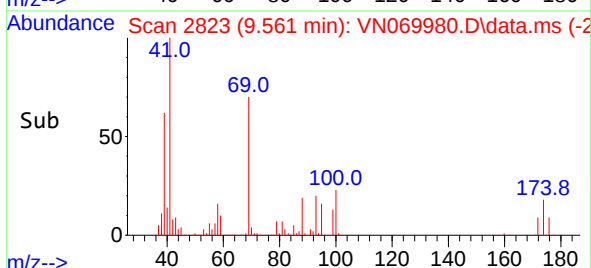
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

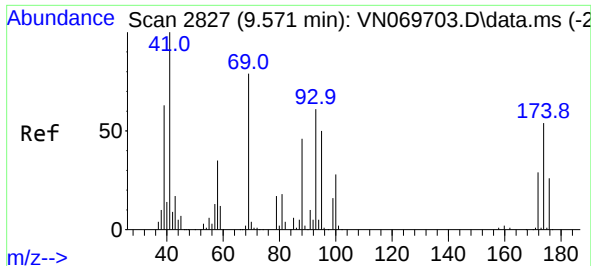


#48
Methyl methacrylate
Concen: 18.395 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



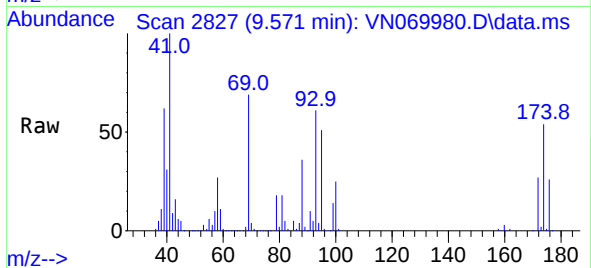
Tgt Ion: 41 Resp: 274514
Ion Ratio Lower Upper
41 100
69 76.3 72.4 108.6
39 62.3 58.4 87.6





#49
1,4-Dioxane
Concen: 321.236 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

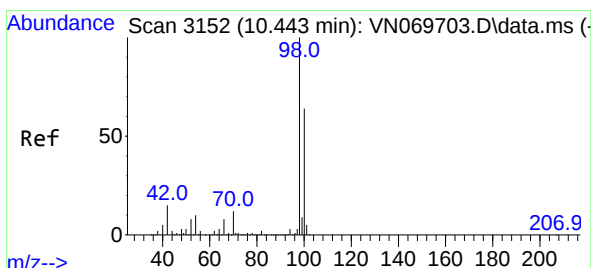
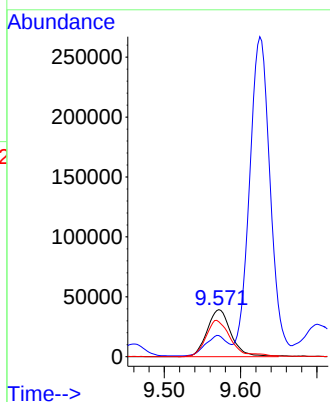
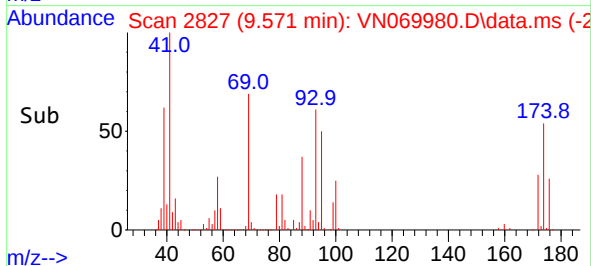
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02



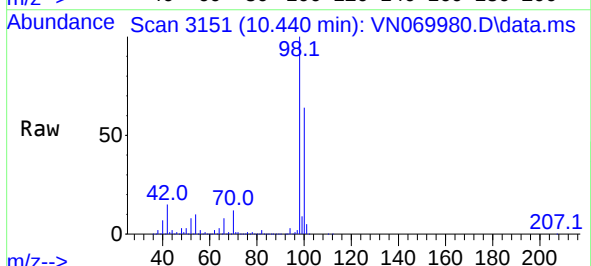
Tgt Ion: 88 Resp: 86010
Ion Ratio Lower Upper
88 100
43 39.0 23.4 35.2
58 81.0 50.6 75.8

Manual Integrations
APPROVED

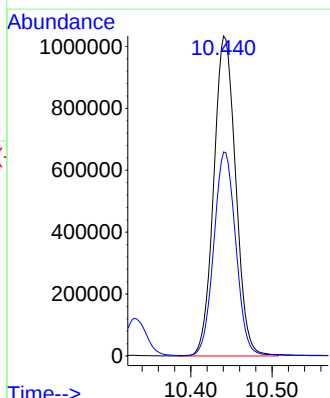
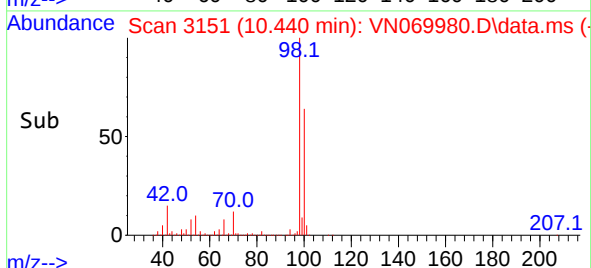
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

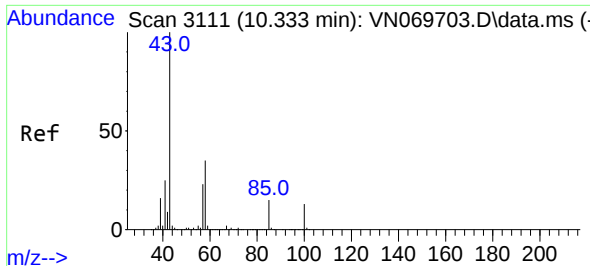


#50
Toluene-d8
Concen: 50.537 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. -0.003 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



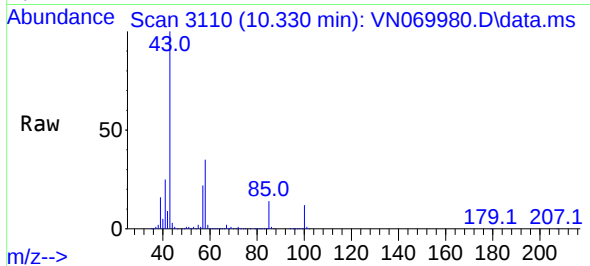
Tgt Ion: 98 Resp: 1938496
Ion Ratio Lower Upper
98 100
100 63.7 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 95.189 ug/l
RT: 10.330 min Scan# 3111
Delta R.T. -0.003 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

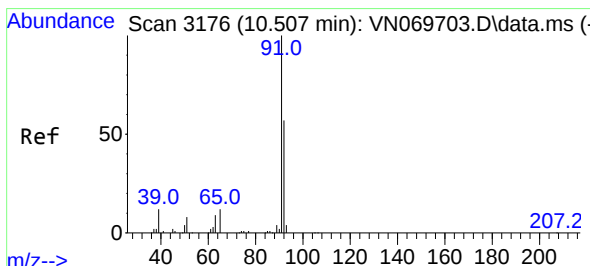
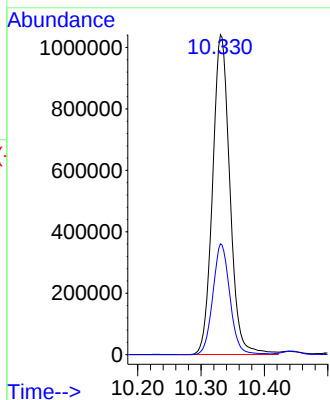
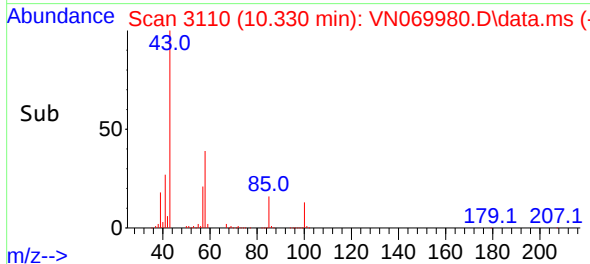
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02



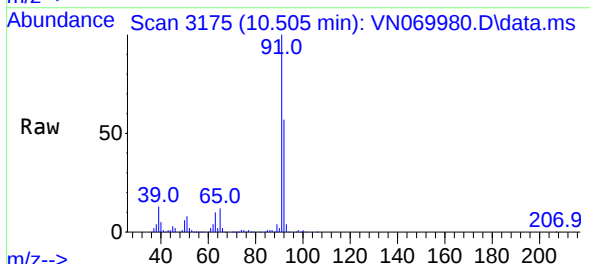
Tgt Ion: 43 Resp: 1974652
Ion Ratio Lower Upper
43 100
58 34.2 30.4 45.6

Manual Integrations
APPROVED

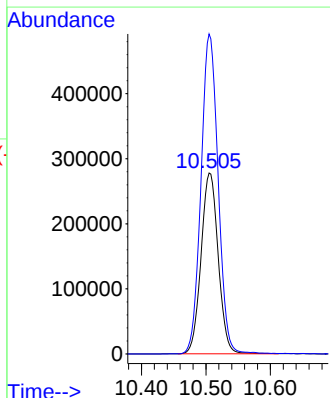
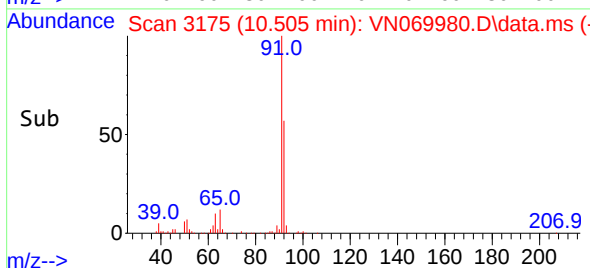
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

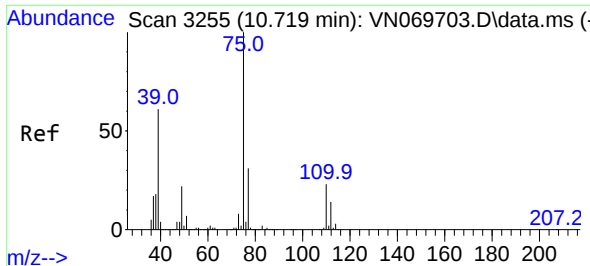


#52
Toluene
Concen: 18.950 ug/l
RT: 10.505 min Scan# 3175
Delta R.T. -0.003 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



Tgt Ion: 92 Resp: 513405
Ion Ratio Lower Upper
92 100
91 176.6 142.0 213.0





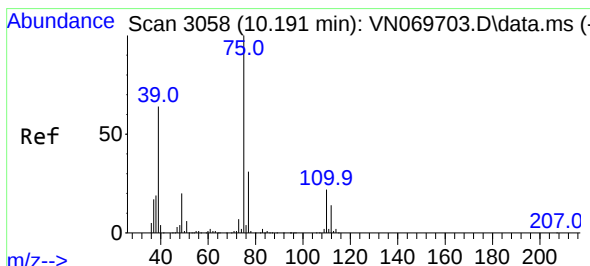
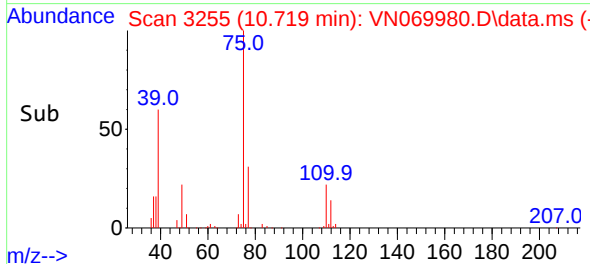
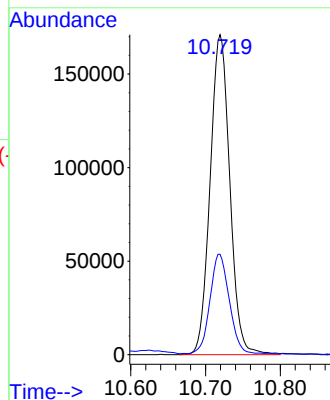
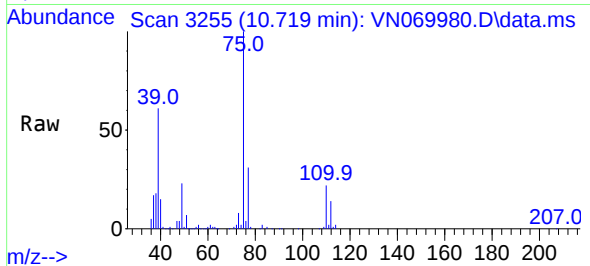
#53
t-1,3-Dichloropropene
Concen: 19.403 ug/l
RT: 10.719 min Scan# 313
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02

Tgt Ion: 75 Resp: 313139
Ion Ratio Lower Upper
75 100
77 31.1 25.6 38.4

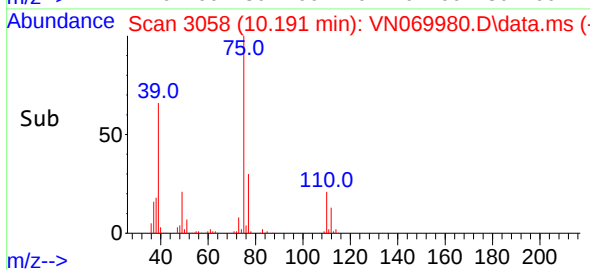
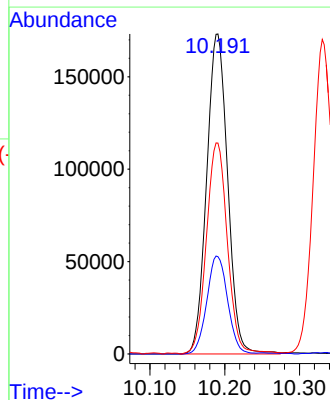
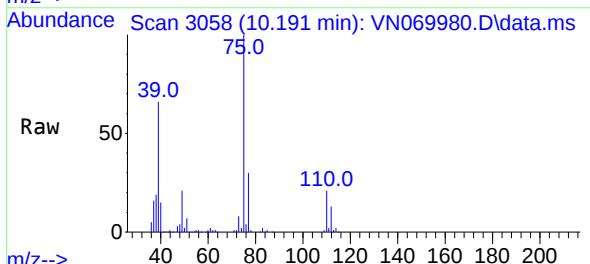
Manual Integrations
APPROVED

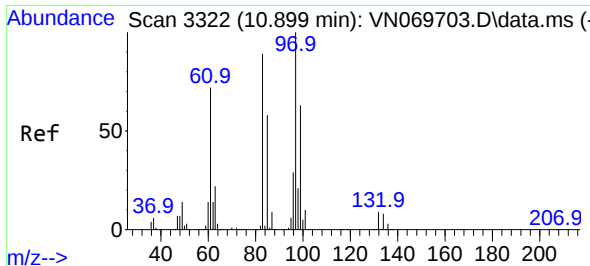
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#54
cis-1,3-Dichloropropene
Concen: 19.384 ug/l
RT: 10.191 min Scan# 3058
Delta R.T. -0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

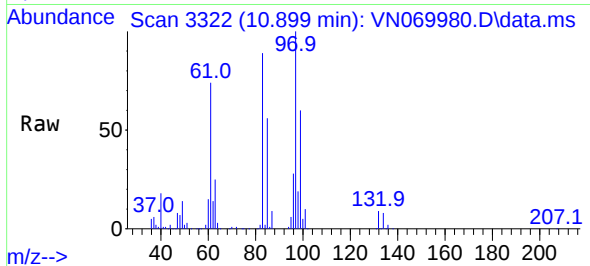
Tgt Ion: 75 Resp: 338305
Ion Ratio Lower Upper
75 100
77 30.4 26.4 39.6
39 65.9 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 19.304 ug/l
RT: 10.899 min Scan# 311
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

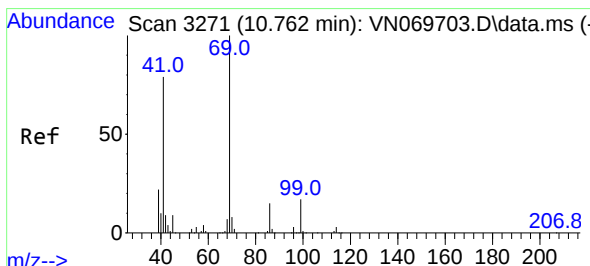
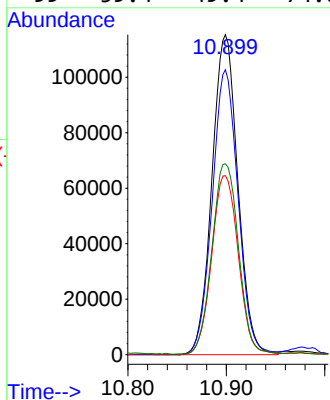
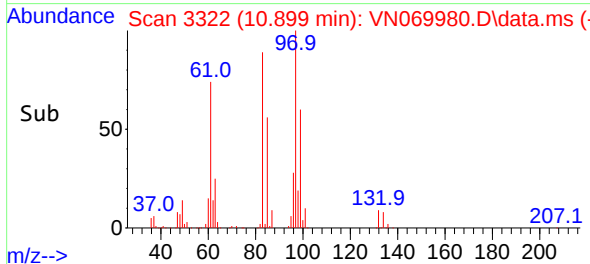
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02



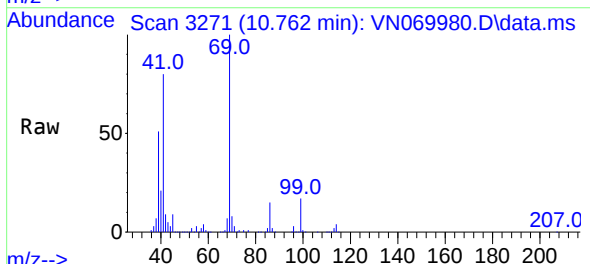
Tgt Ion: 97 Resp: 211010
Ion Ratio Lower Upper
97 100
83 89.1 67.8 101.6
85 56.0 45.4 68.2
99 59.4 49.4 74.0

Manual Integrations
APPROVED

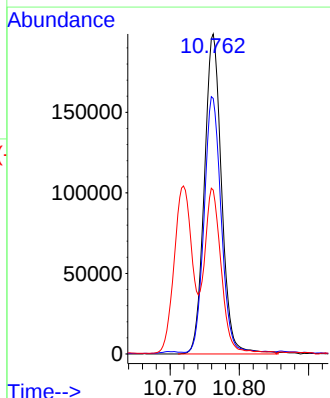
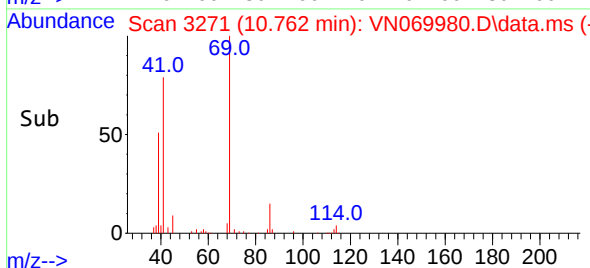
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

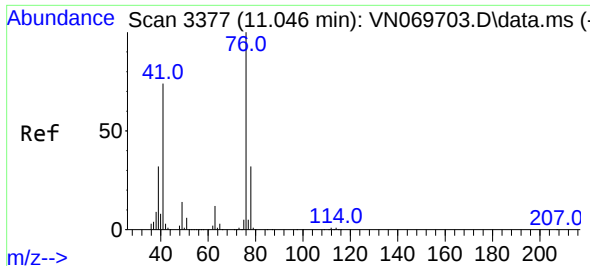


#56
Ethyl methacrylate
Concen: 18.176 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



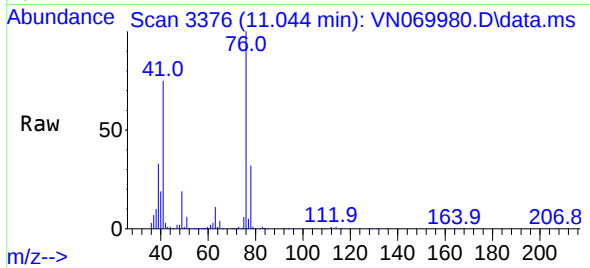
Tgt Ion: 69 Resp: 343553
Ion Ratio Lower Upper
69 100
41 78.6 51.4 77.0#
39 47.9 34.6 52.0





#57
1,3-Dichloropropane
Concen: 19.471 ug/l
RT: 11.044 min Scan# 31
Delta R.T. -0.003 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

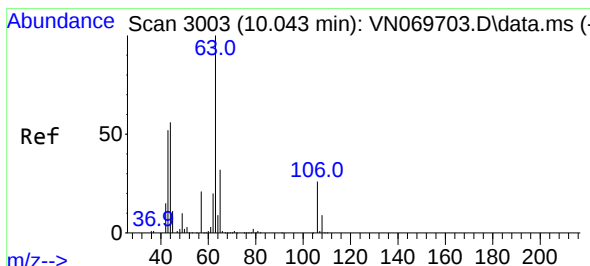
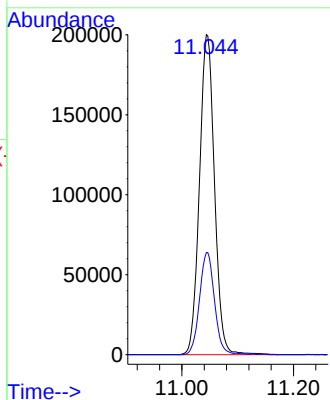
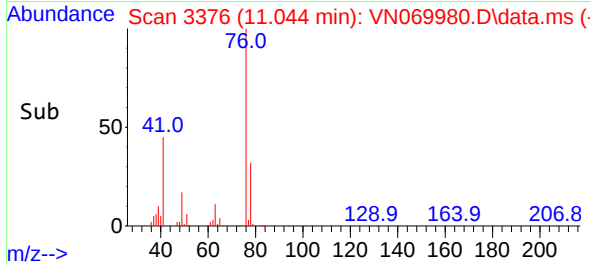
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02



Tgt Ion: 76 Resp: 374770
Ion Ratio Lower Upper
76 100
78 31.5 25.7 38.5

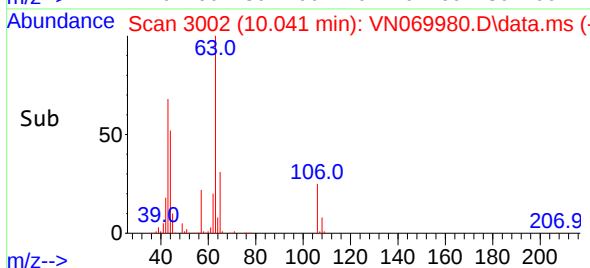
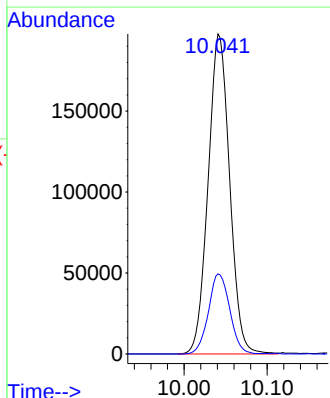
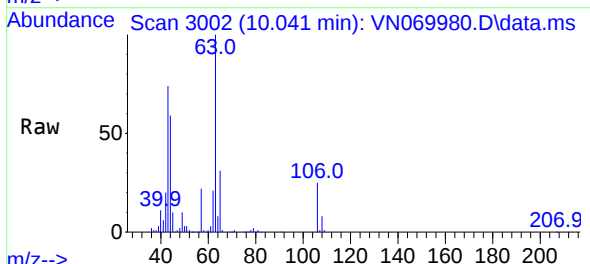
Manual Integrations
APPROVED

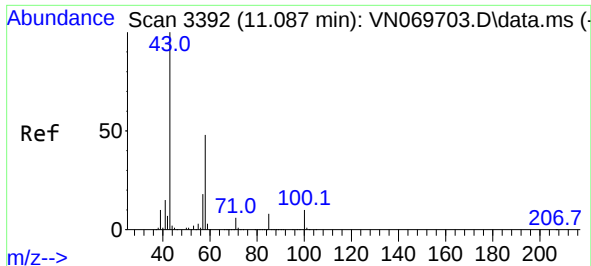
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#58
2-Chloroethyl Vinyl ether
Concen: 77.529 ug/l
RT: 10.041 min Scan# 3002
Delta R.T. -0.002 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

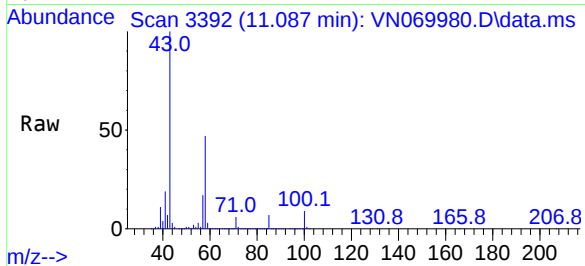
Tgt Ion: 63 Resp: 355565
Ion Ratio Lower Upper
63 100
106 24.8 23.9 35.9





#59
2-Hexanone
Concen: 87.923 ug/l
RT: 11.087 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

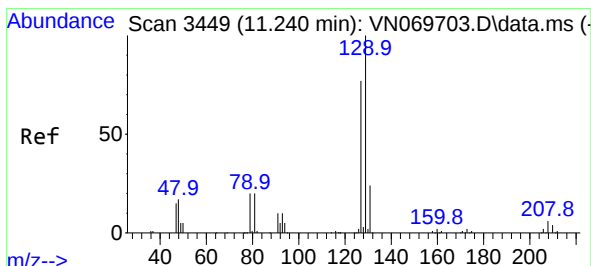
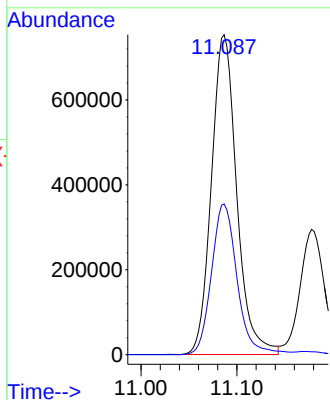
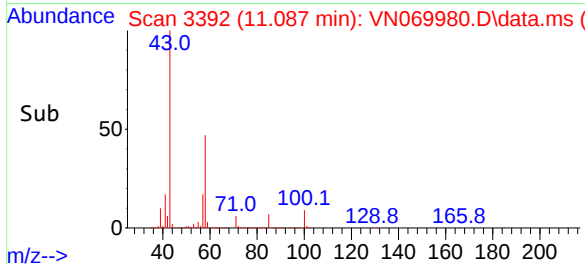
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02



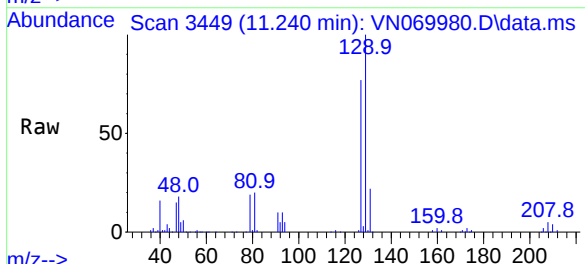
Tgt Ion: 43 Resp: 137975
Ion Ratio Lower Upper
43 100
58 47.8 26.9 80.7

Manual Integrations
APPROVED

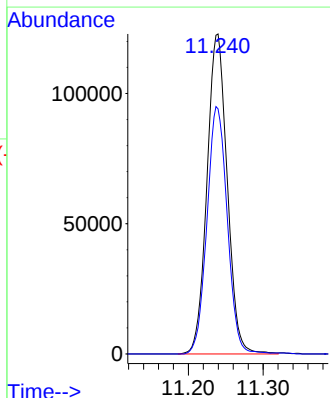
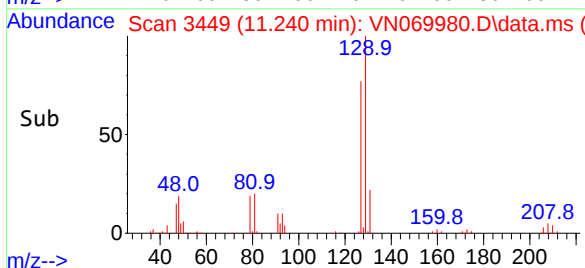
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

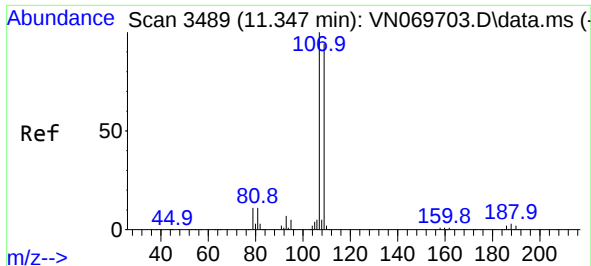


#60
Dibromochloromethane
Concen: 21.162 ug/l
RT: 11.240 min Scan# 3449
Delta R.T. -0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



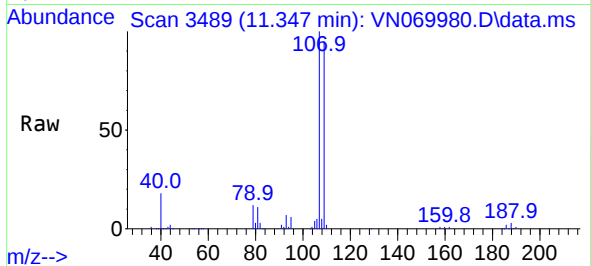
Tgt Ion:129 Resp: 231006
Ion Ratio Lower Upper
129 100
127 77.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 18.840 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

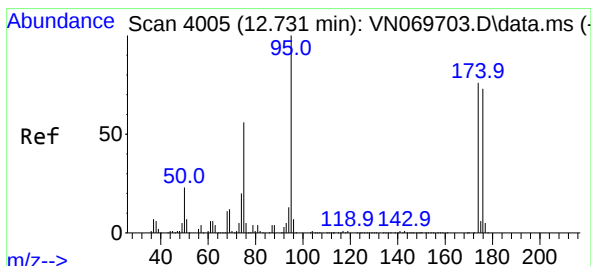
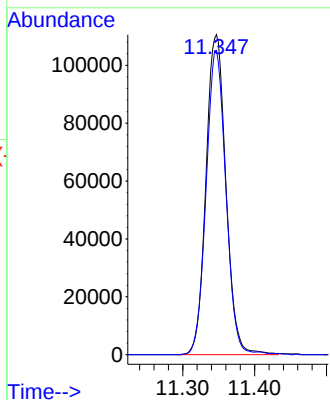
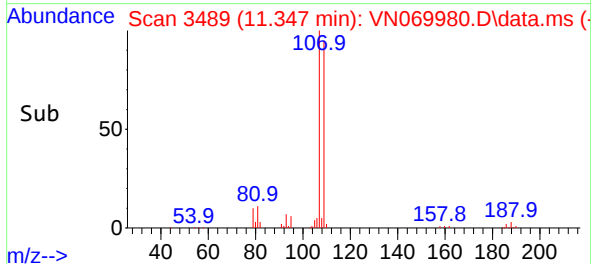
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02



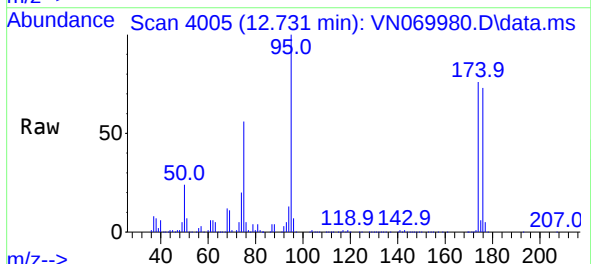
Tgt Ion:107 Resp: 213310
Ion Ratio Lower Upper
107 100
109 93.6 75.7 113.5

Manual Integrations
APPROVED

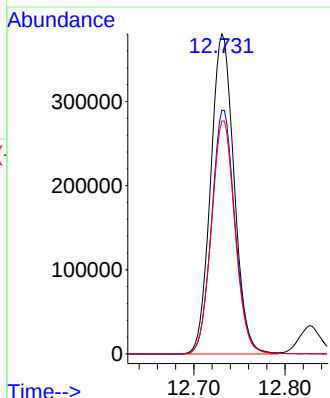
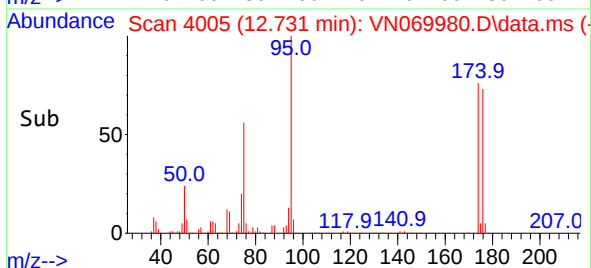
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

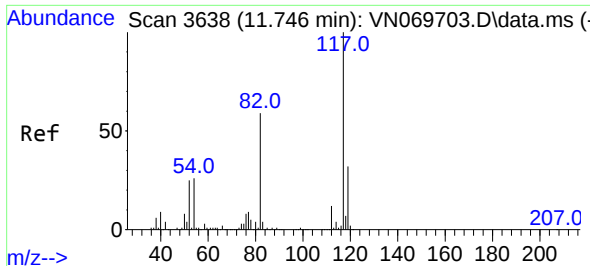


#62
4-Bromofluorobenzene
Concen: 48.759 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



Tgt Ion: 95 Resp: 677561
Ion Ratio Lower Upper
95 100
174 76.0 0.0 187.2
176 73.2 0.0 181.4





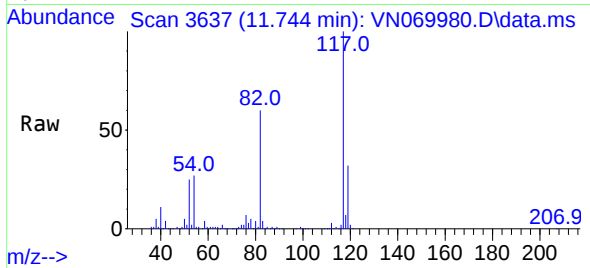
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. -0.002 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD02

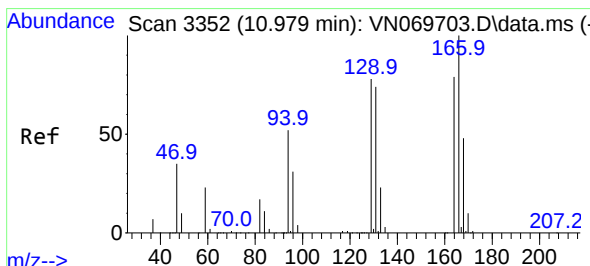
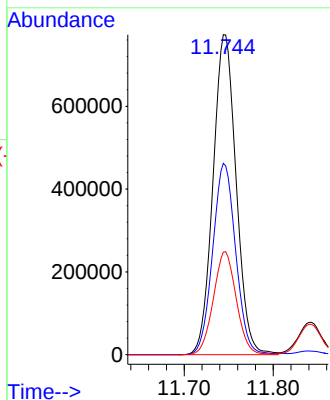
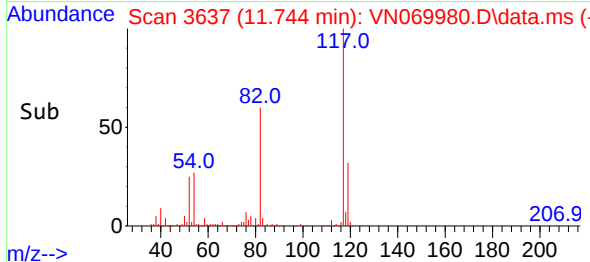


Tgt Ion:117 Resp: 139837
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 32.0 25.4 38.2

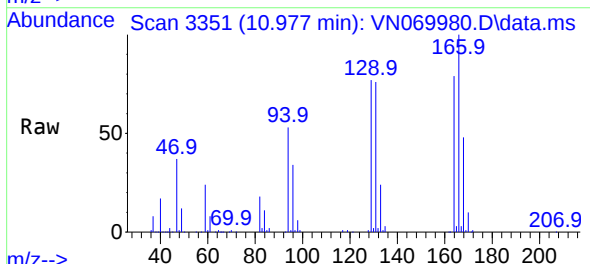
Manual Integrations

APPROVED

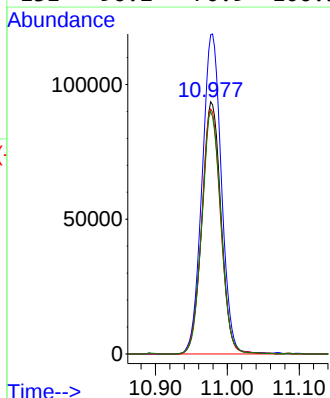
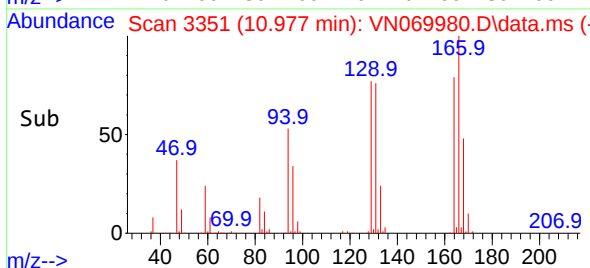
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#64
Tetrachloroethene
Concen: 18.236 ug/l
RT: 10.977 min Scan# 3351
Delta R.T. -0.002 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



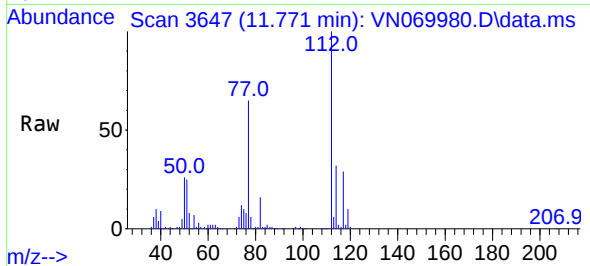
Tgt Ion:164 Resp: 172912
Ion Ratio Lower Upper
164 100
166 126.4 101.9 152.9
129 97.2 72.0 108.0
131 96.2 70.9 106.3





#65
Chlorobenzene
Concen: 19.037 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

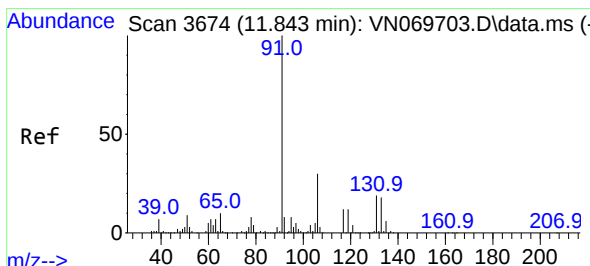
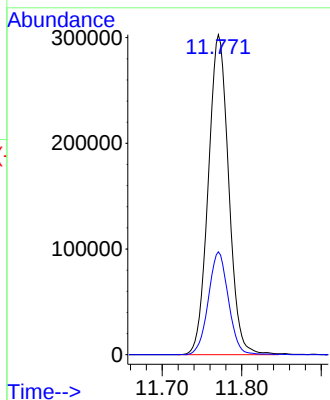
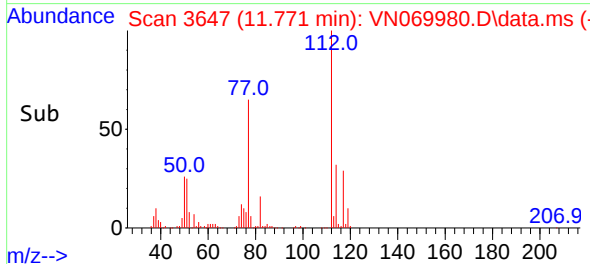
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02



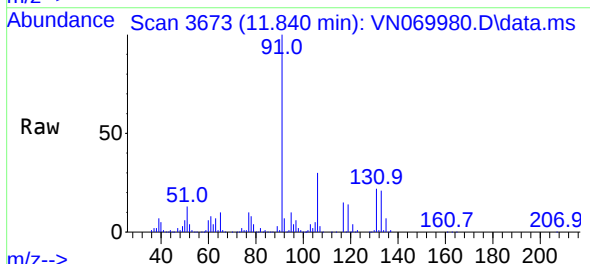
Tgt Ion:112 Resp: 54007
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0

Manual Integrations
APPROVED

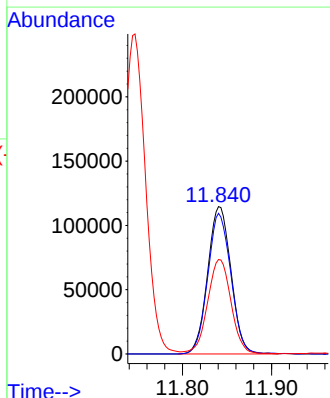
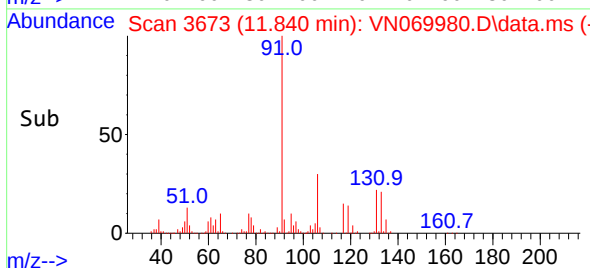
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

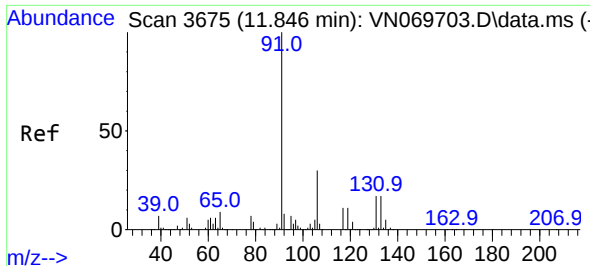


#66
1,1,1,2-Tetrachloroethane
Concen: 20.914 ug/l
RT: 11.840 min Scan# 3673
Delta R.T. -0.003 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



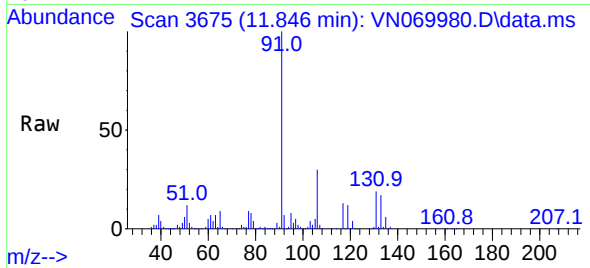
Tgt Ion:131 Resp: 208827
Ion Ratio Lower Upper
131 100
133 94.5 47.9 143.7
119 63.5 32.1 96.5





#67
Ethyl Benzene
Concen: 19.196 ug/l
RT: 11.846 min Scan# 3075
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

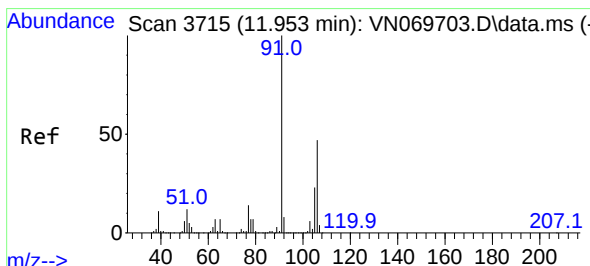
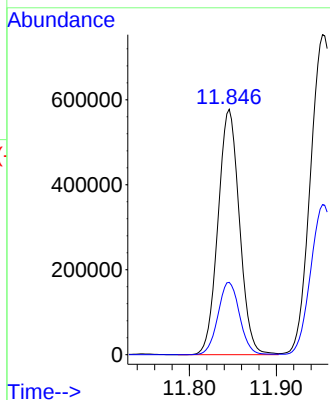
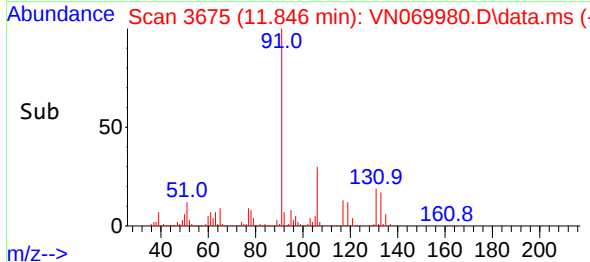
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02



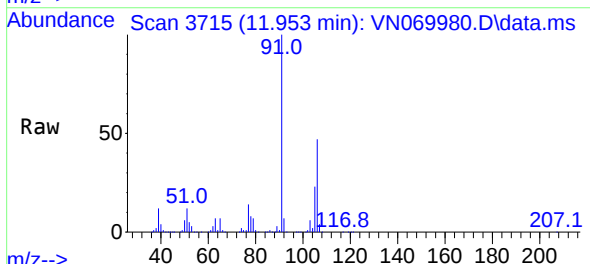
Tgt Ion: 91 Resp: 98918
Ion Ratio Lower Upper
91 100
106 29.5 25.7 38.5

Manual Integrations
APPROVED

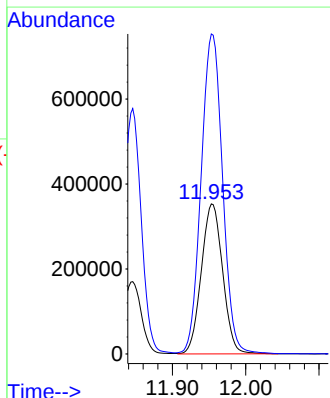
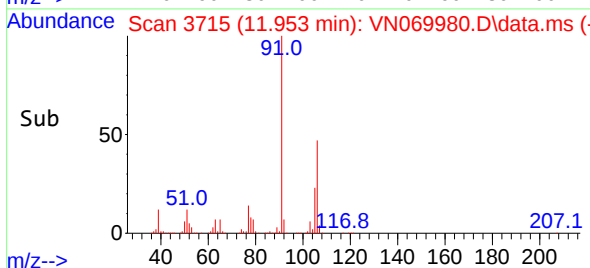
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

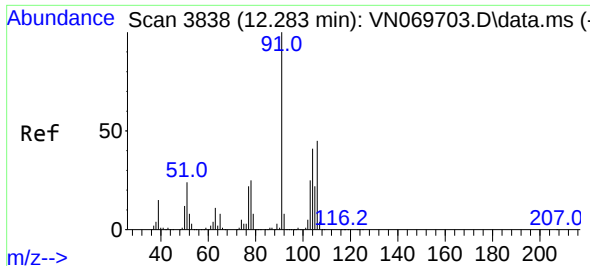


#68
m/p-Xylenes
Concen: 37.997 ug/l
RT: 11.953 min Scan# 3715
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



Tgt Ion:106 Resp: 712948
Ion Ratio Lower Upper
106 100
91 214.4 160.6 240.8





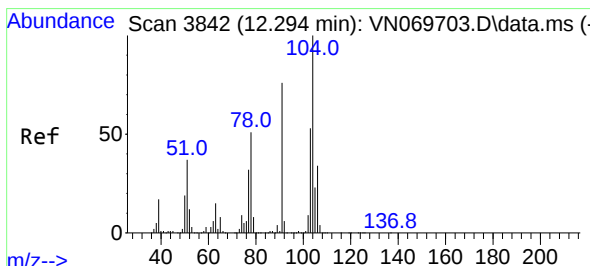
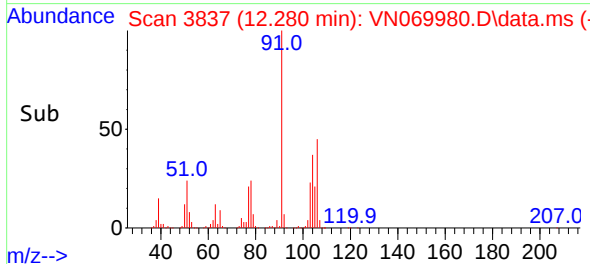
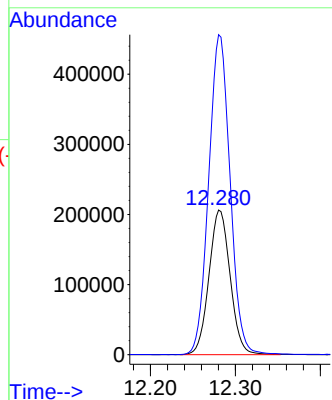
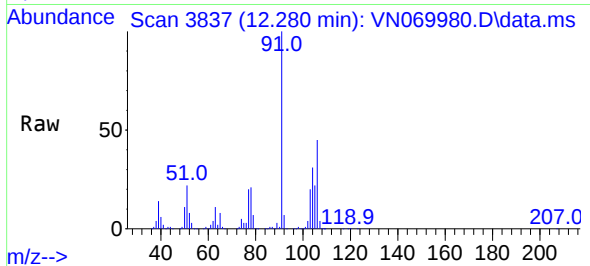
#69
o-Xylene
Concen: 18.898 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02

Tgt Ion:106 Resp: 35716
Ion Ratio Lower Upper
106 100
91 223.7 105.8 317.3

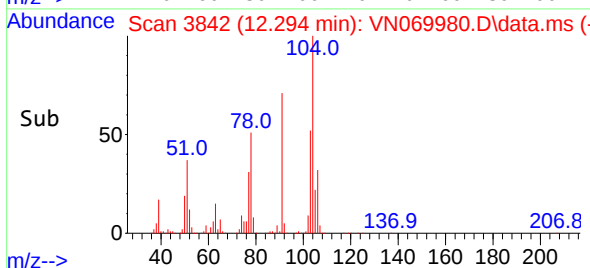
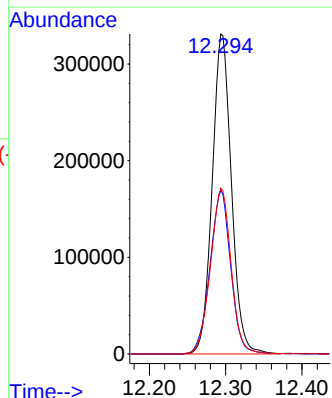
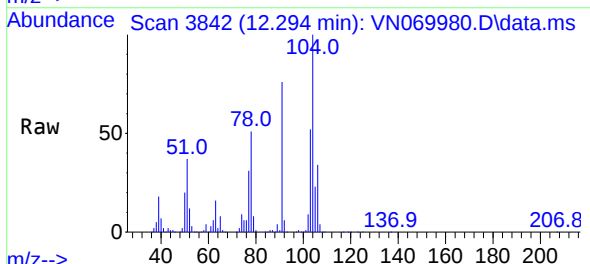
Manual Integrations
APPROVED

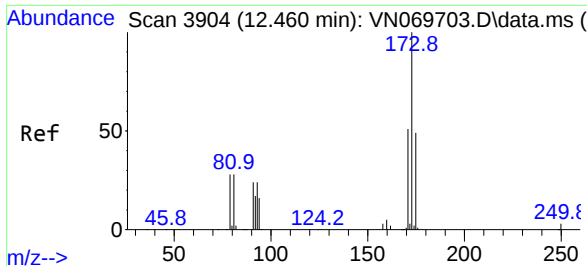
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#70
Styrene
Concen: 19.331 ug/l
RT: 12.294 min Scan# 3842
Delta R.T. -0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

Tgt Ion:104 Resp: 579337
Ion Ratio Lower Upper
104 100
78 55.1 38.7 58.1
103 55.6 45.0 67.6





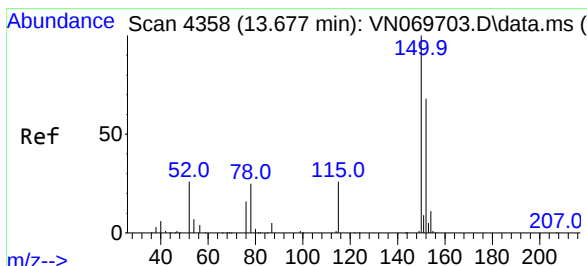
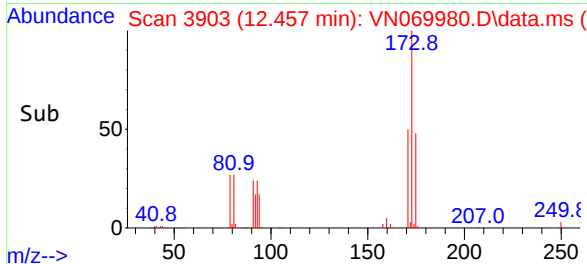
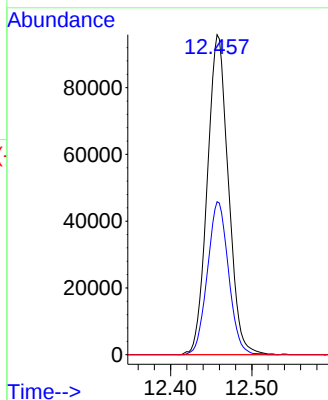
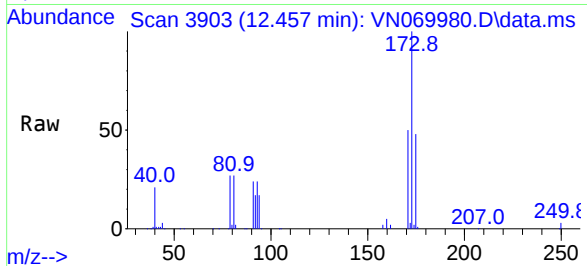
#71
Bromoform
Concen: 21.842 ug/l
RT: 12.457 min Scan# 3904
Delta R.T. -0.003 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02

Tgt Ion:173 Resp: 172638
Ion Ratio Lower Upper
173 100
175 47.8 24.2 72.6
254 0.0 0.0 0.0

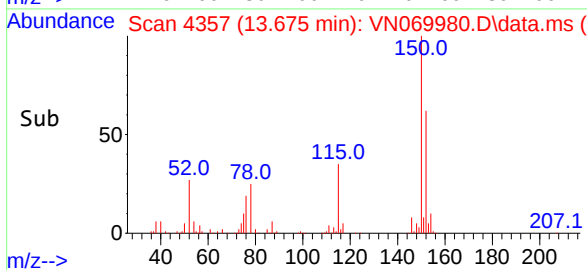
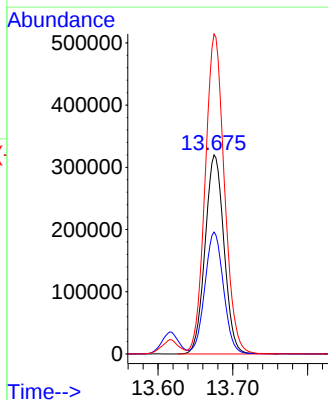
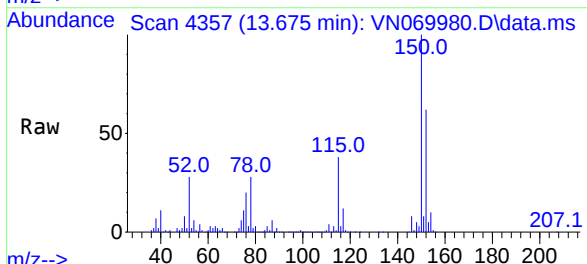
Manual Integrations
APPROVED

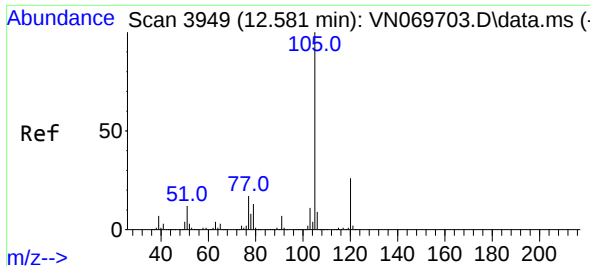
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

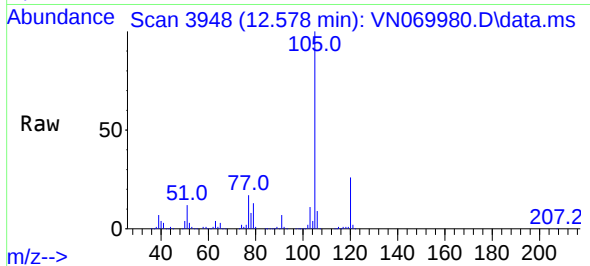
Tgt Ion:152 Resp: 562490
Ion Ratio Lower Upper
152 100
115 60.6 27.5 82.5
150 163.6 0.0 344.4





#73
Isopropylbenzene
Concen: 18.438 ug/l
RT: 12.578 min Scan# 3949
Delta R.T. -0.003 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

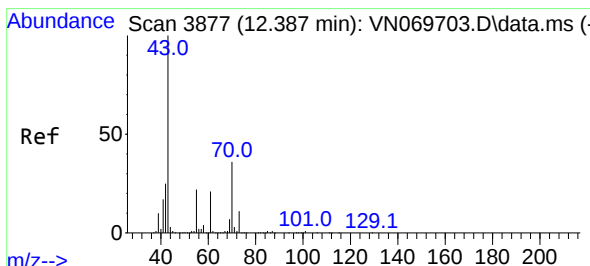
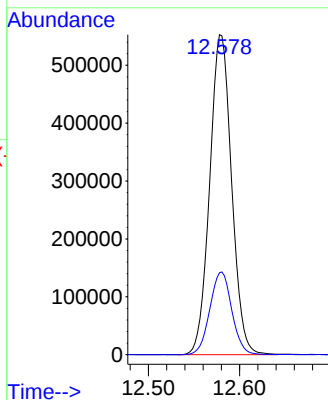
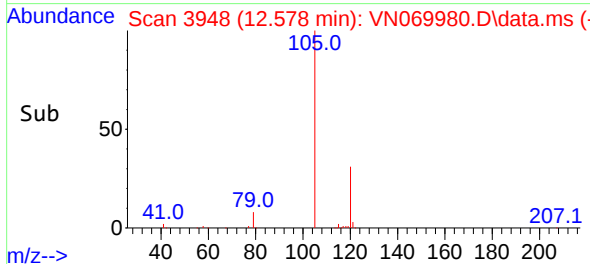
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02



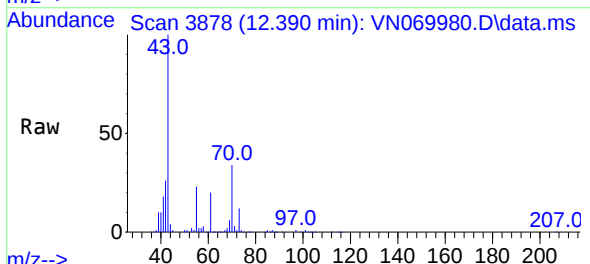
Tgt Ion:105 Resp: 92272
Ion Ratio Lower Upper
105 100
120 26.0 13.4 40.1

Manual Integrations
APPROVED

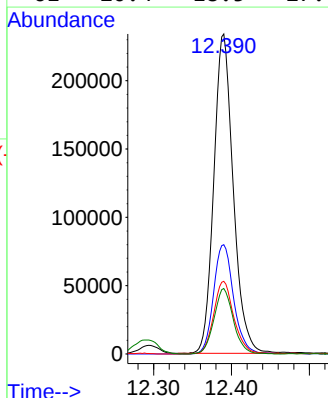
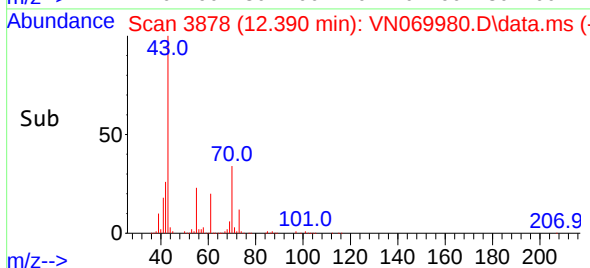
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

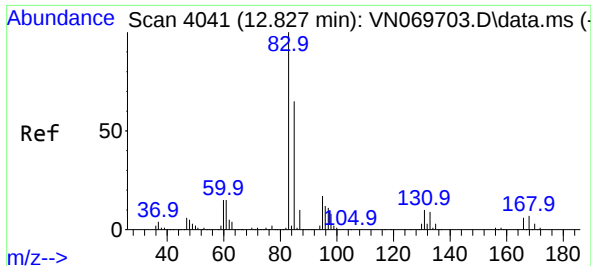


#74
N-ethyl acetate
Concen: 18.296 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



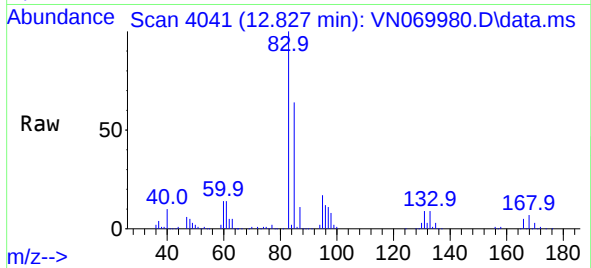
Tgt Ion: 43 Resp: 404933
Ion Ratio Lower Upper
43 100
70 35.4 33.4 50.0
55 23.8 19.3 28.9
61 20.4 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.330 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

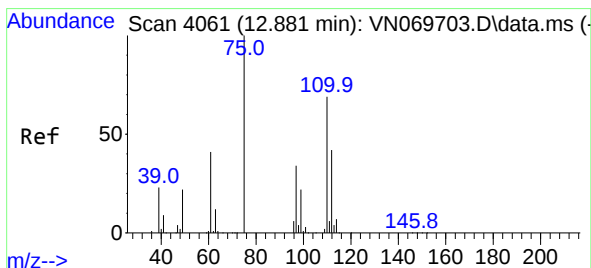
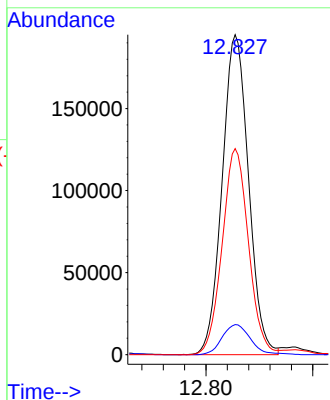
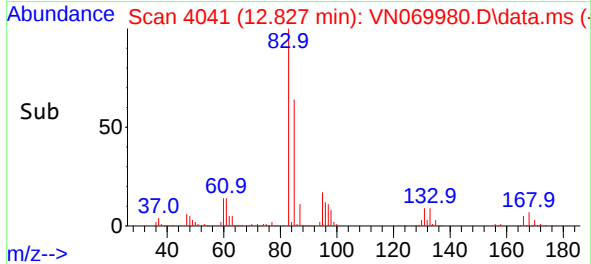
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02



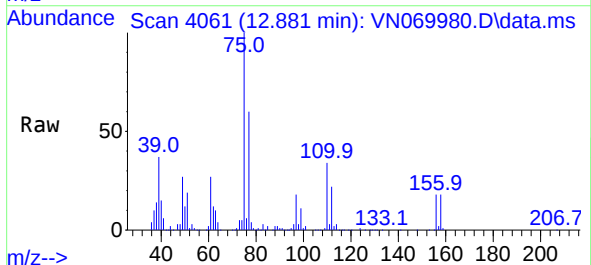
Tgt Ion: 83 Resp: 33453
Ion Ratio Lower Upper
83 100
131 10.1 5.5 16.5
85 64.2 32.4 97.2

Manual Integrations
APPROVED

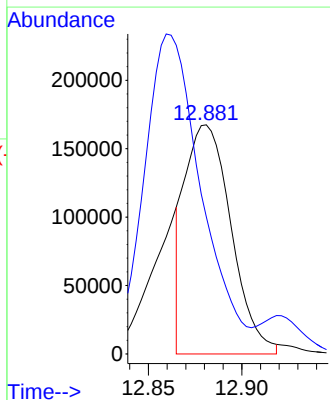
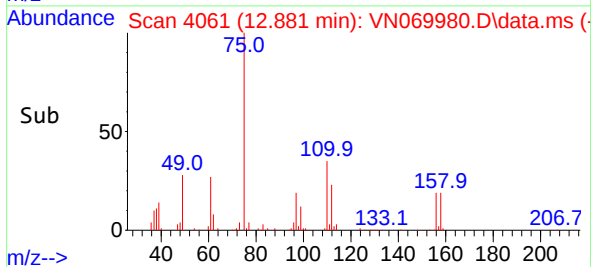
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

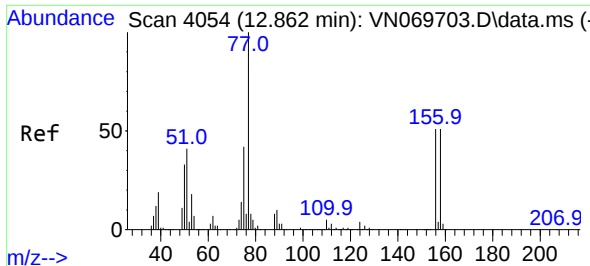


#76
1,2,3-Trichloropropane
Concen: 17.868 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



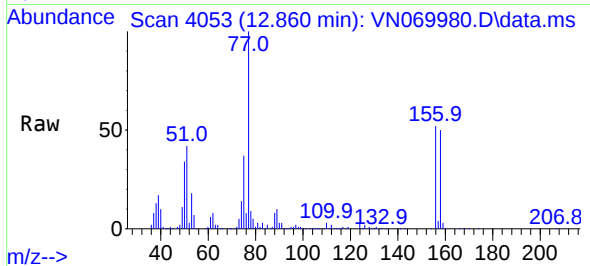
Tgt Ion: 75 Resp: 288227
Ion Ratio Lower Upper
75 100
77 0.0 82.6 247.8#





#77
Bromobenzene
Concen: 18.552 ug/l
RT: 12.860 min Scan# 4054
Delta R.T. -0.003 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

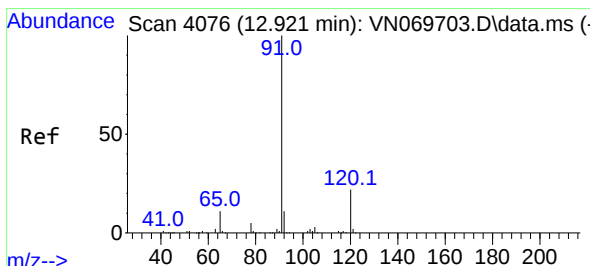
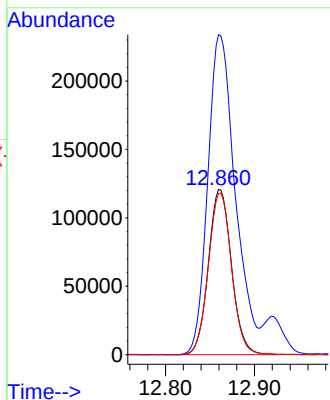
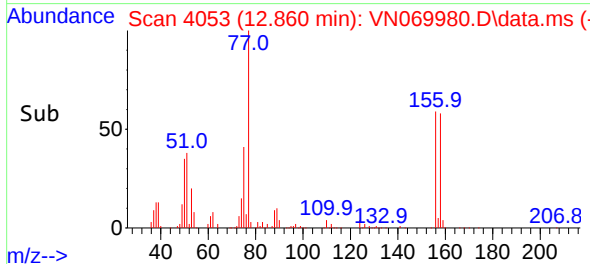
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02



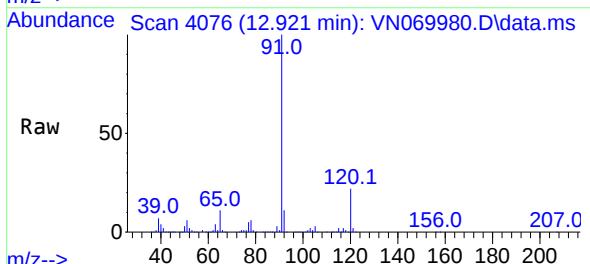
Tgt Ion:156 Resp: 218070
Ion Ratio Lower Upper
156 100
77 229.0 90.6 271.8
158 97.9 48.9 146.7

Manual Integrations
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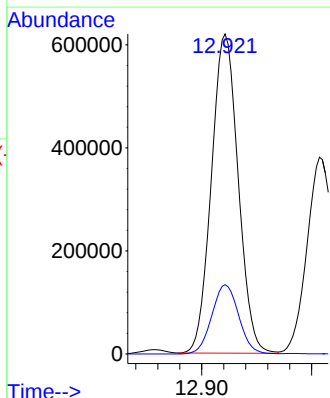
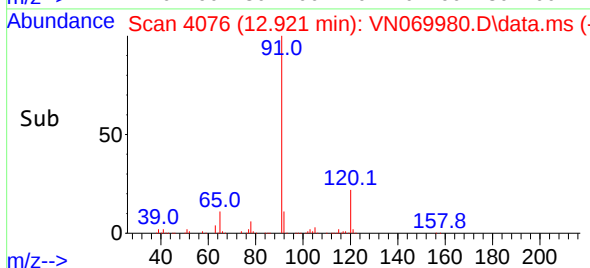
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

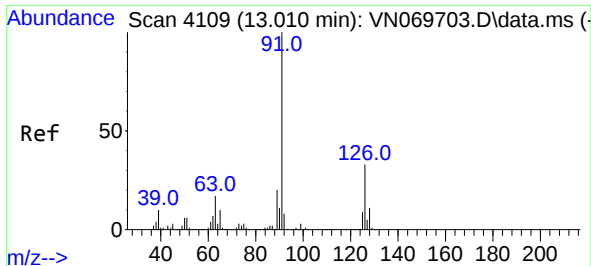


#78
n-propylbenzene
Concen: 18.812 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



Tgt Ion: 91 Resp: 1047648
Ion Ratio Lower Upper
91 100
120 21.8 11.9 35.9





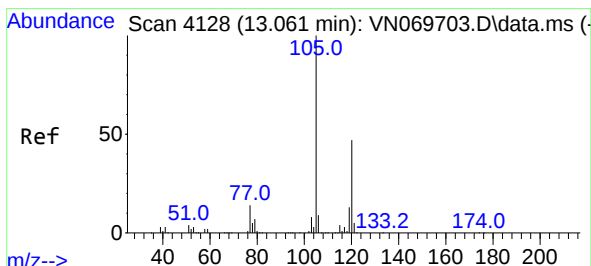
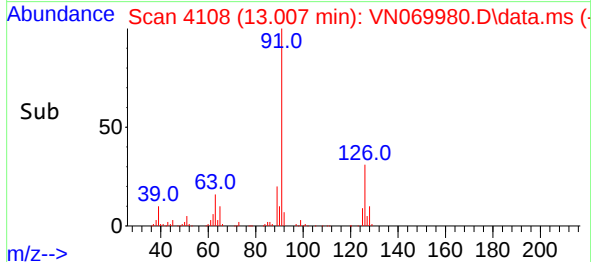
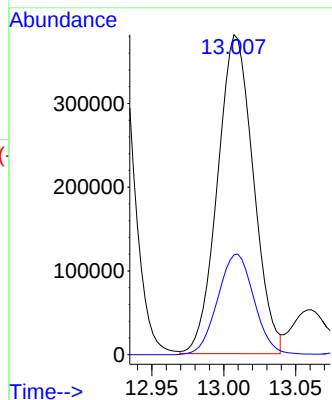
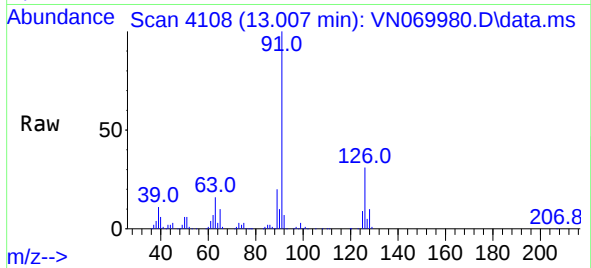
#79
2-Chlorotoluene
Concen: 18.733 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02

Tgt Ion: 91 Resp: 65920
Ion Ratio Lower Upper
91 100
126 32.2 18.3 54.8

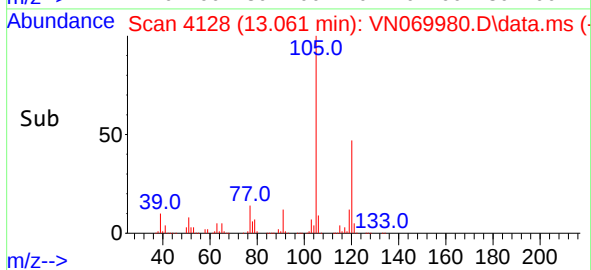
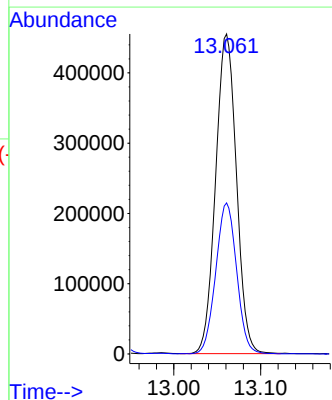
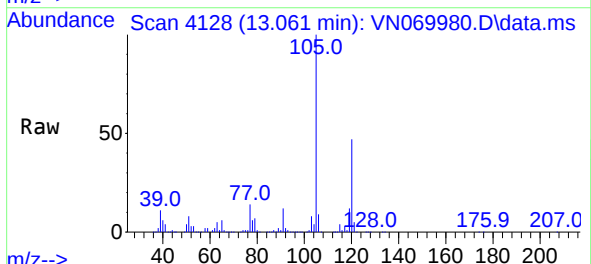
Manual Integrations
APPROVED

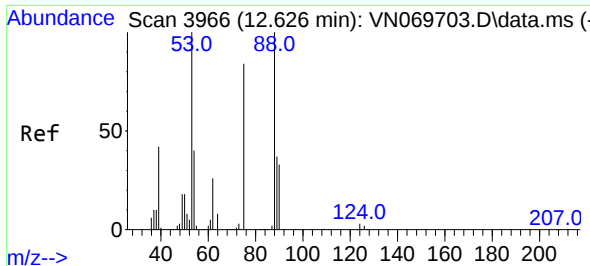
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#80
1,3,5-Trimethylbenzene
Concen: 18.784 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

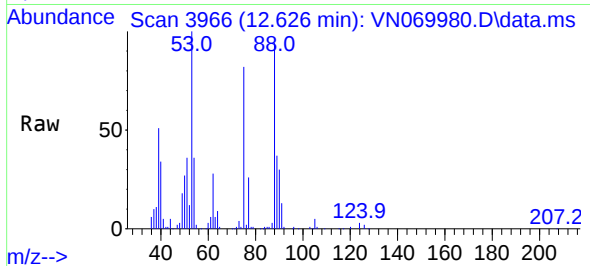
Tgt Ion:105 Resp: 756655
Ion Ratio Lower Upper
105 100
120 47.3 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 20.056 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

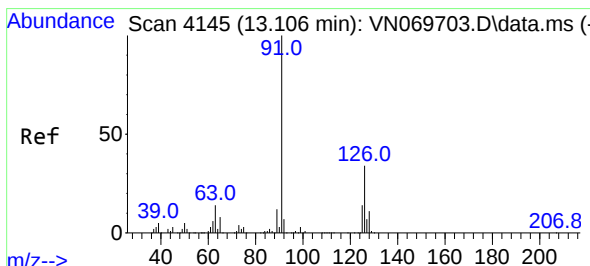
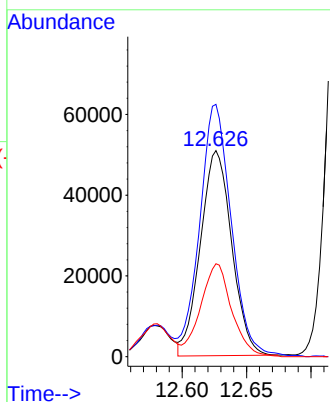
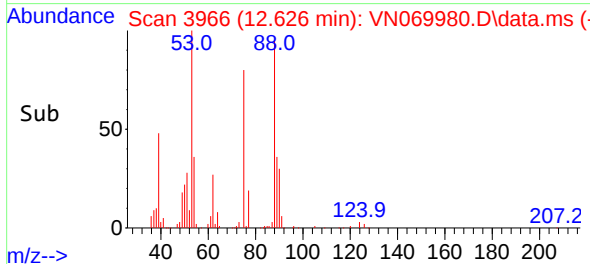
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02



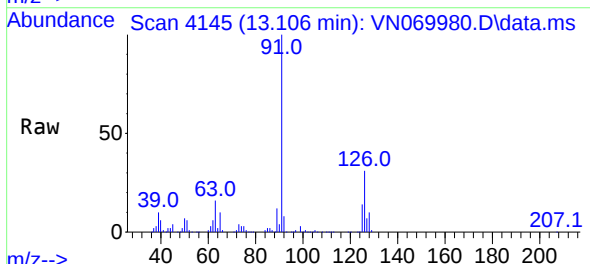
Tgt Ion: 75 Resp: 85800
Ion Ratio Lower Upper
75 100
53 125.3 90.5 135.7
89 45.0 38.2 57.4

Manual Integrations
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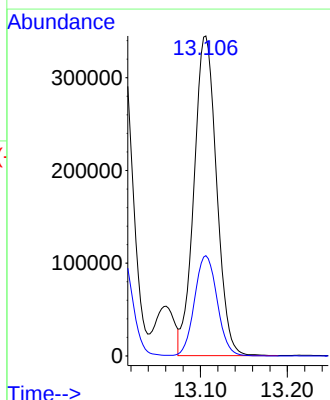
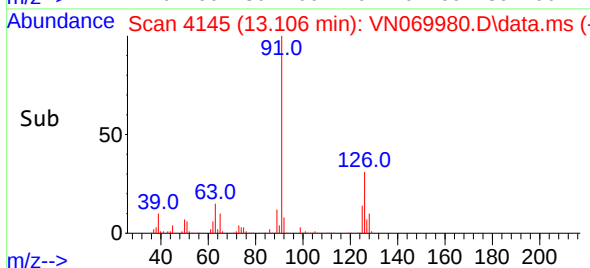
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

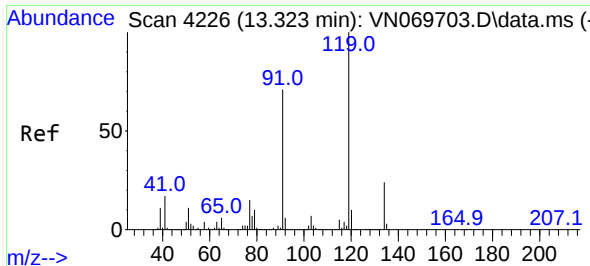


#82
4-Chlorotoluene
Concen: 18.722 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



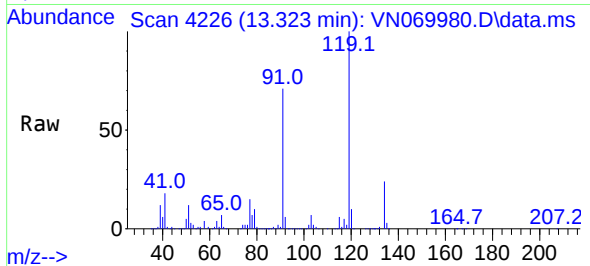
Tgt Ion: 91 Resp: 619562
Ion Ratio Lower Upper
91 100
126 31.6 18.2 54.6





#83
tert-Butylbenzene
Concen: 18.612 ug/l
RT: 13.323 min Scan# 4226
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

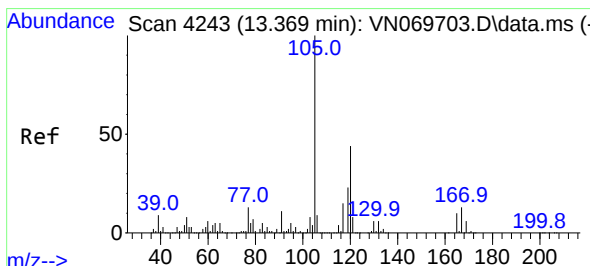
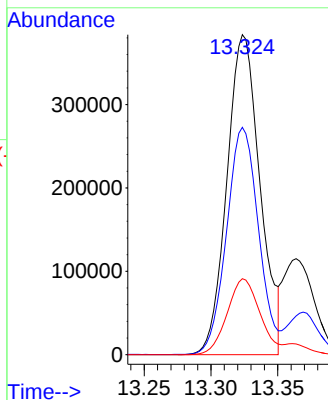
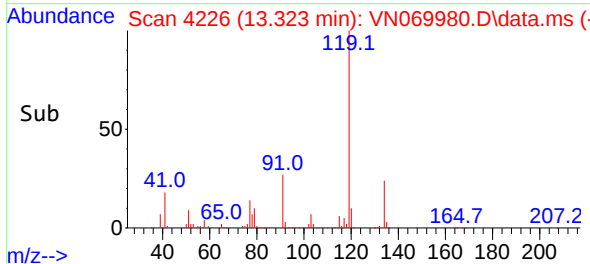
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02



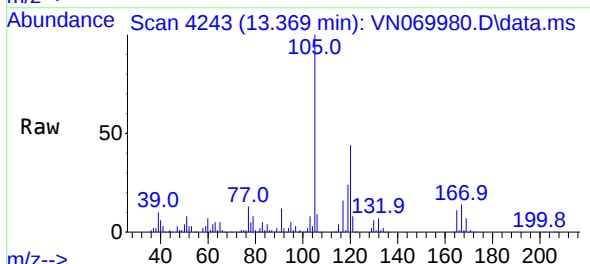
Tgt Ion:119 Resp: 663839
Ion Ratio Lower Upper
119 100
91 68.4 31.5 94.5
134 23.6 12.4 37.4

Manual Integrations
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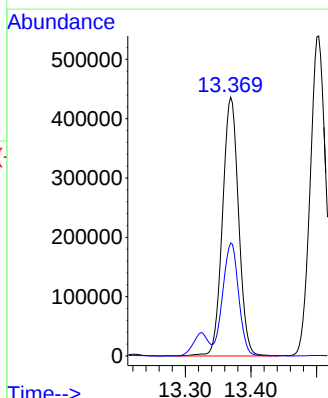
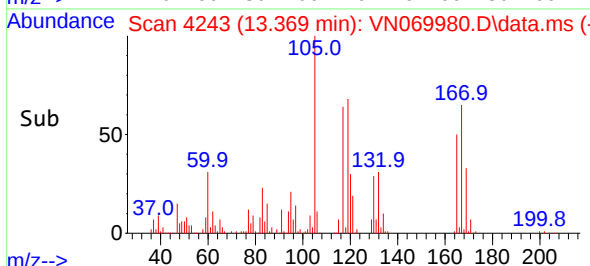
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

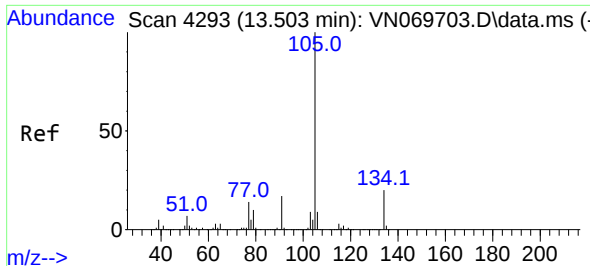


#84
1,2,4-Trimethylbenzene
Concen: 19.350 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



Tgt Ion:105 Resp: 742304
Ion Ratio Lower Upper
105 100
120 43.5 22.8 68.4





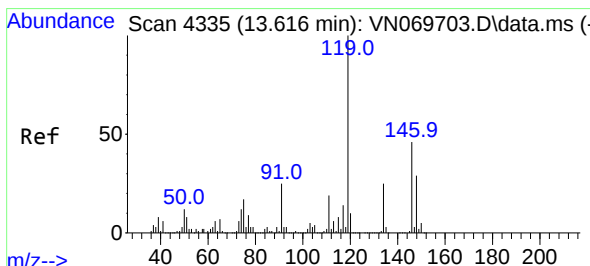
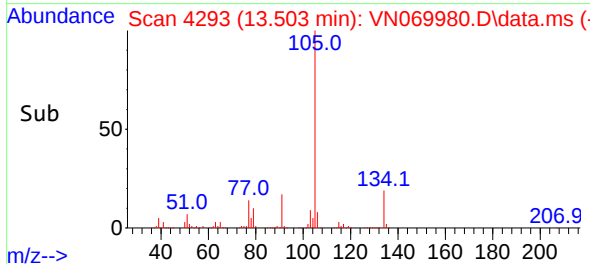
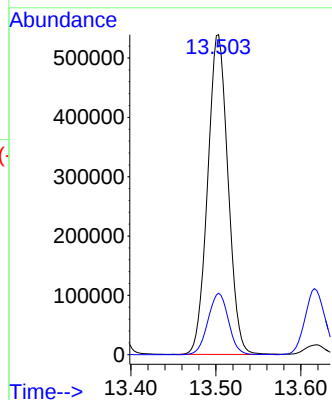
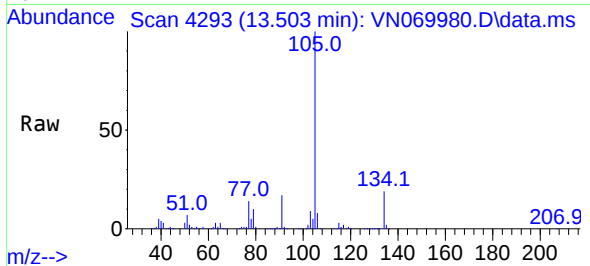
#85
 sec-Butylbenzene
 Concen: 18.556 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN069980.D
 Acq: 11 Dec 2021 1:45

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1210WBSD02

Tgt Ion:105 Resp: 897728
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

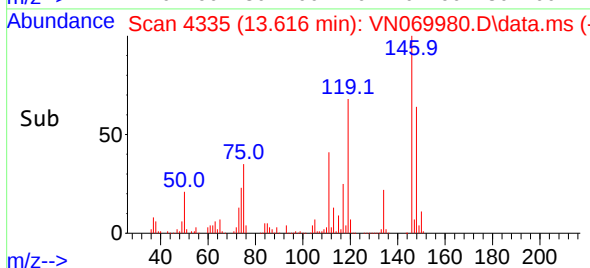
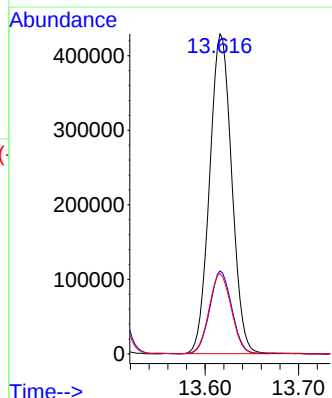
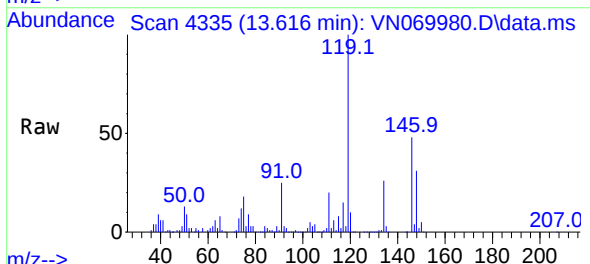
Manual Integrations
 APPROVED

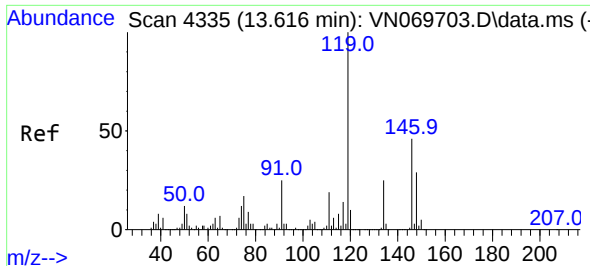
Reviewed By :John Carlone 12/11/2021
 Supervised By :Amit Patel 12/14/2021



#86
 p-Isopropyltoluene
 Concen: 18.676 ug/l
 RT: 13.616 min Scan# 4335
 Delta R.T. 0.000 min
 Lab File: VN069980.D
 Acq: 11 Dec 2021 1:45

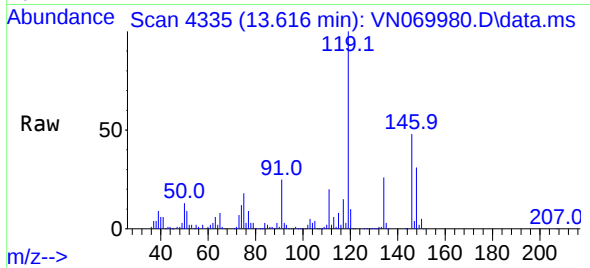
Tgt Ion:119 Resp: 706253
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.6 40.7
 91 25.2 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 18.507 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

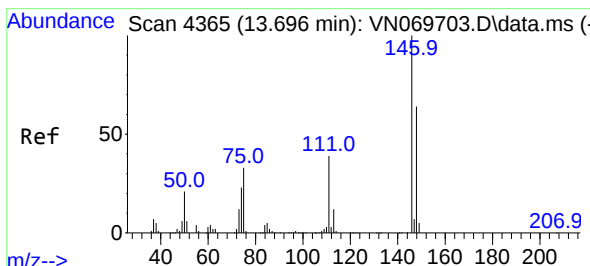
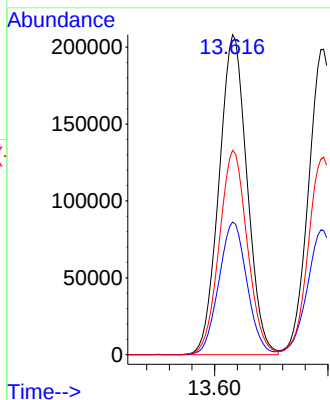
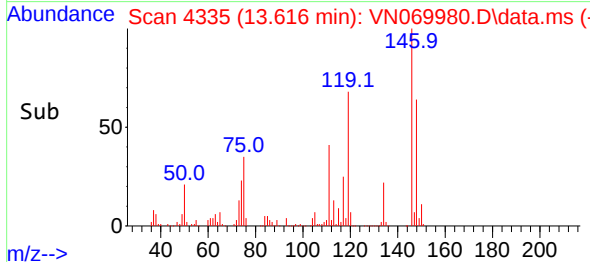
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02



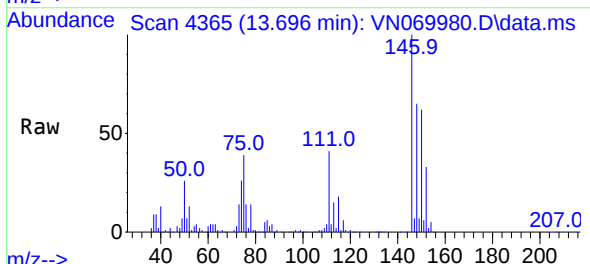
Tgt Ion:146 Resp: 357390
Ion Ratio Lower Upper
146 100
111 41.6 18.6 55.6
148 64.3 31.6 95.0

Manual Integrations
APPROVED

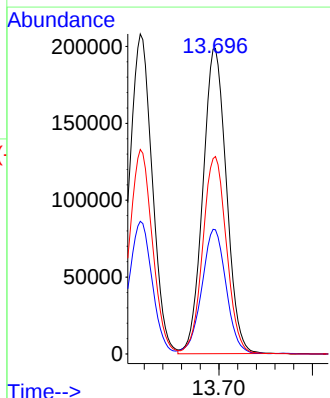
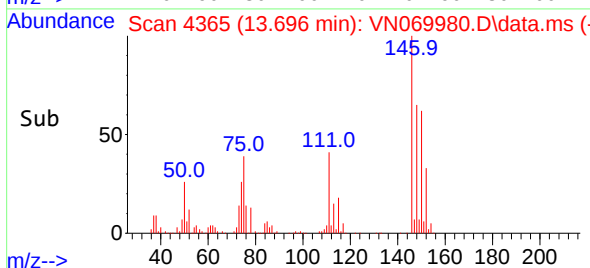
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#88
1,4-Dichlorobenzene
Concen: 18.310 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



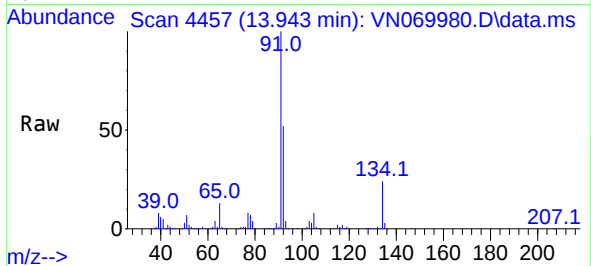
Tgt Ion:146 Resp: 347485
Ion Ratio Lower Upper
146 100
111 42.1 18.3 54.8
148 65.4 31.8 95.4





#89
n-Butylbenzene
Concen: 17.823 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

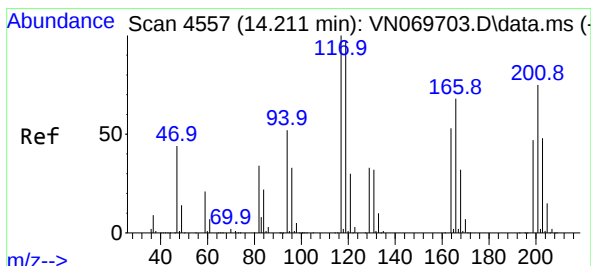
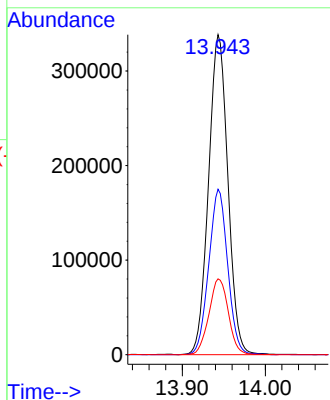
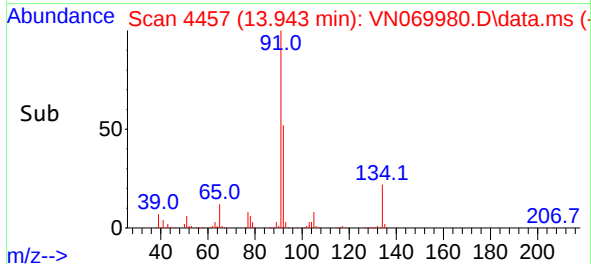
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02



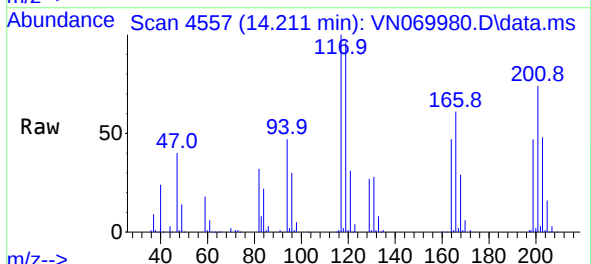
Tgt Ion: 91 Resp: 54674
Ion Ratio Lower Upper
91 100
92 50.7 25.4 76.0
134 23.9 13.6 40.8

Manual Integrations
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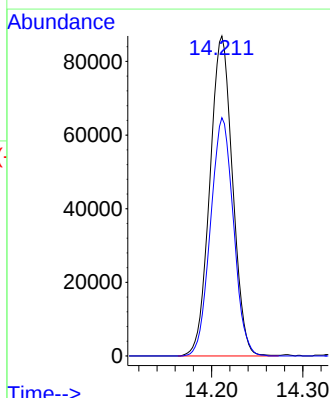
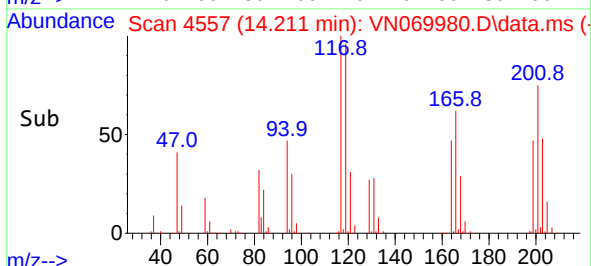
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

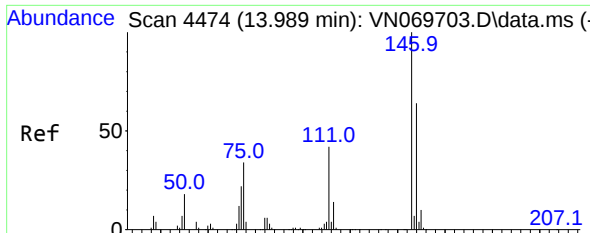


#90
Hexachloroethane
Concen: 22.663 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



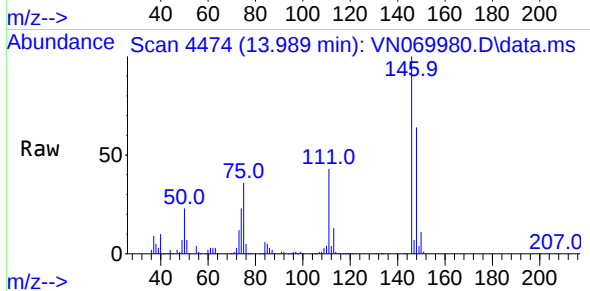
Tgt Ion:117 Resp: 150473
Ion Ratio Lower Upper
117 100
201 75.2 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 18.745 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

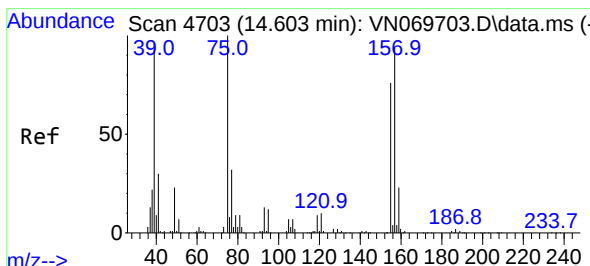
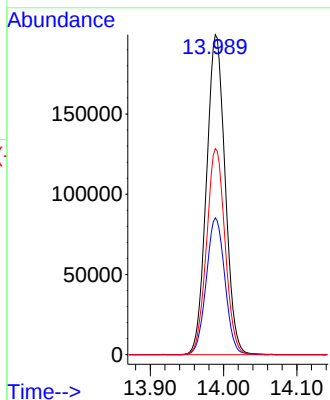
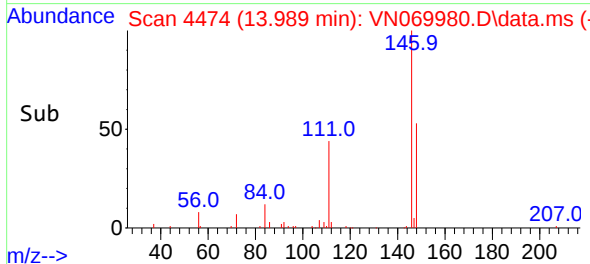
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02



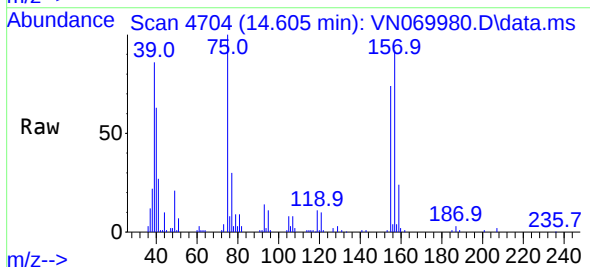
Tgt Ion:146 Resp: 352719
Ion Ratio Lower Upper
146 100
111 42.8 19.1 57.3
148 64.1 32.1 96.3

Manual Integrations
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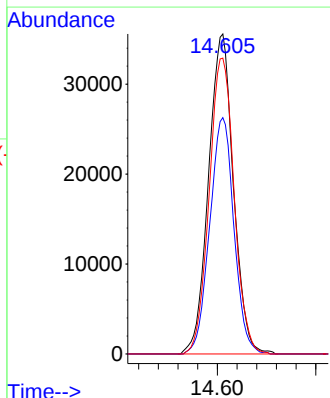
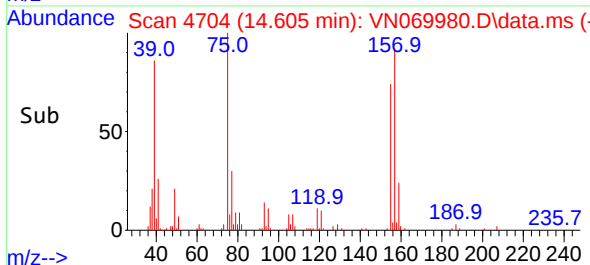
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

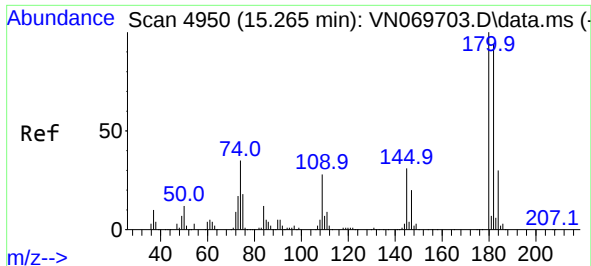


#92
1,2-Dibromo-3-Chloropropane
Concen: 20.000 ug/l
RT: 14.605 min Scan# 4704
Delta R.T. 0.003 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



Tgt Ion: 75 Resp: 62543
Ion Ratio Lower Upper
75 100
155 71.9 46.9 140.7
157 92.7 60.6 181.7





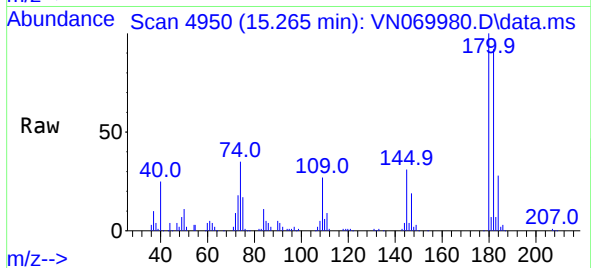
#93
1,2,4-Trichlorobenzene
Concen: 18.173 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

Instrument :

MSVOA_N

ClientSampleId :

VN1210WBSD02

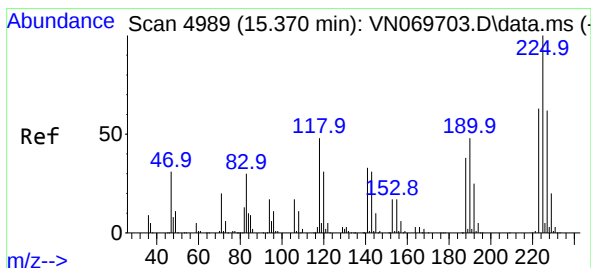
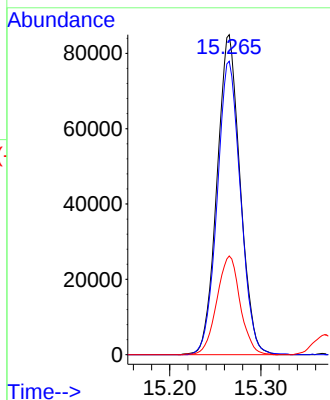
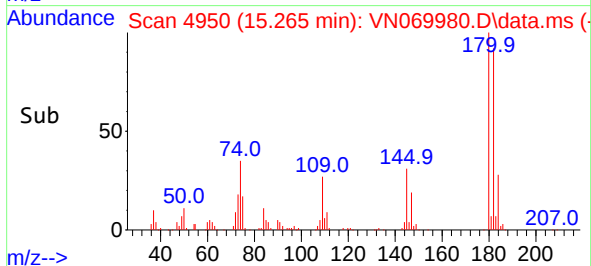


Tgt Ion:180 Resp: 149775
Ion Ratio Lower Upper
180 100
182 92.6 48.3 144.9
145 31.1 14.5 43.5

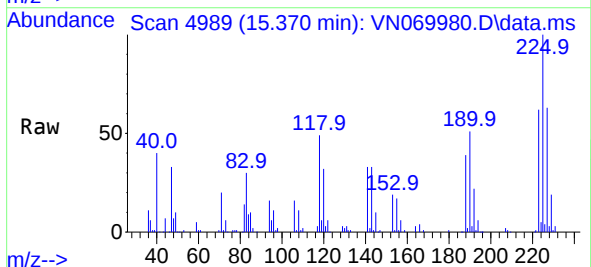
Manual Integrations

APPROVED

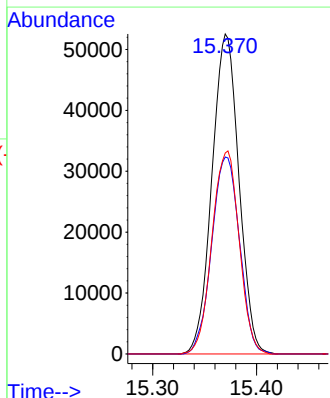
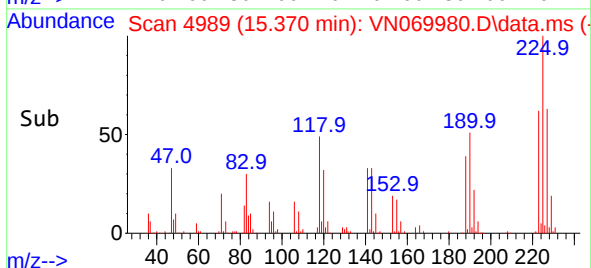
Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021

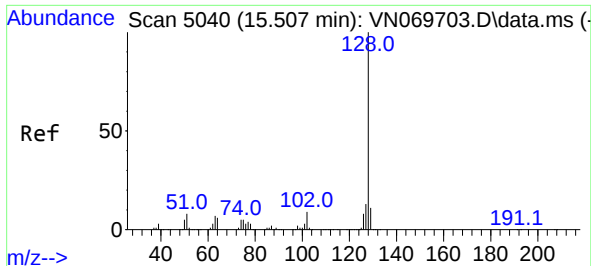


#94
Hexachlorobutadiene
Concen: 19.004 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



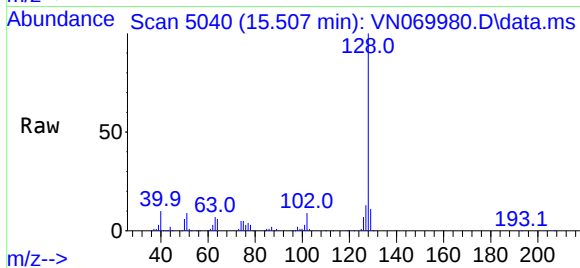
Tgt Ion:225 Resp: 94767
Ion Ratio Lower Upper
225 100
223 63.6 31.9 95.7
227 64.0 32.1 96.3





#95
Naphthalene
Concen: 17.396 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45

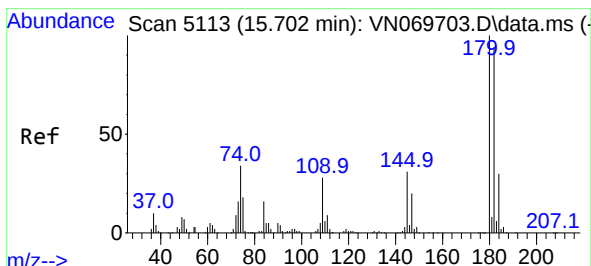
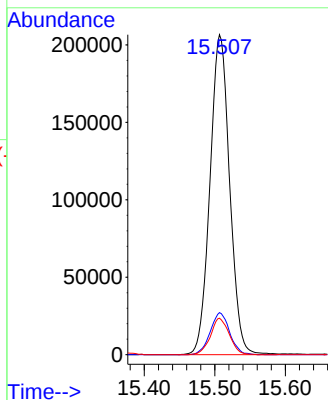
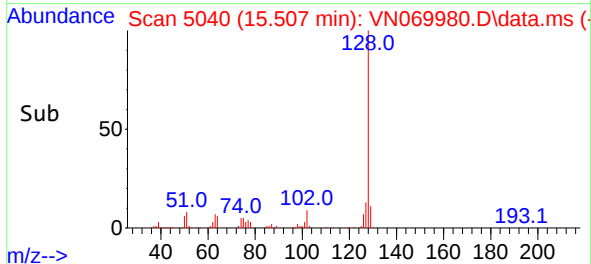
Instrument :
MSVOA_N
ClientSampleId :
VN1210WBSD02



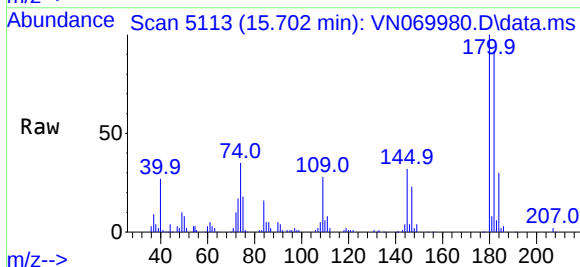
Tgt Ion:128 Resp: 400589
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/11/2021
Supervised By :Amit Patel 12/14/2021



#96
1,2,3-Trichlorobenzene
Concen: 18.207 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN069980.D
Acq: 11 Dec 2021 1:45



Tgt Ion:180 Resp: 149111
Ion Ratio Lower Upper
180 100
182 95.6 47.4 142.2
145 32.2 15.0 45.1

