

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070163.D
 Acq On : 17 Dec 2021 14:53
 Operator : JC/MD
 Sample : VN1217WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBSD02

Quant Time: Dec 18 05:45:19 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

Manual Integrations APPROVED

Reviewed By : John Carlone 12/18/2021
 Supervised By : Mahesh Dadoda 12/23/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	945203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1545553	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1415419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	587393	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	774465	53.07	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.14%			
35) Dibromofluoromethane	8.021	113	514675	53.16	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.32%			
50) Toluene-d8	10.443	98	1983493	51.03	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.06%			
62) 4-Bromofluorobenzene	12.731	95	724379	51.44	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.88%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	156151	14.16	ug/l	97
3) Chloromethane	2.303	50	199277	14.43	ug/l	94
4) Vinyl Chloride	2.445	62	184369	14.52	ug/l	98
5) Bromomethane	2.853	94	105544	15.30	ug/l	100
6) Chloroethane	3.017	64	117744	15.13	ug/l	96
7) Trichlorofluoromethane	3.373	101	244075	14.64	ug/l	99
8) Diethyl Ether	3.821	74	115165	17.94	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.197	101	159976	17.12	ug/l	94
10) Methyl Iodide	4.414	142	195025	15.28	ug/l	98
11) Tert butyl alcohol	5.388	59	237684	86.16	ug/l	99
12) 1,1-Dichloroethene	4.178	96	141864	15.76	ug/l	94
13) Acrolein	4.039	56	239703	102.04	ug/l	99
14) Allyl chloride	4.835	41	336781	16.60	ug/l #	89
15) Acrylonitrile	5.559	53	662813	89.17	ug/l	99
16) Acetone	4.291	43	713886	81.32	ug/l	97
17) Carbon Disulfide	4.524	76	306362	13.17	ug/l	98
18) Methyl Acetate	4.856	43	467174	17.63	ug/l #	69
19) Methyl tert-butyl Ether	5.618	73	636720	18.19	ug/l	97
20) Methylene Chloride	5.095	84	195416	16.74	ug/l	86
21) trans-1,2-Dichloroethene	5.597	96	152311	15.58	ug/l	84
22) Diisopropyl ether	6.501	45	745948	18.81	ug/l #	93
23) Vinyl Acetate	6.436	43	2930332	90.83	ug/l	94
24) 1,1-Dichloroethane	6.388	63	359134	17.48	ug/l	97
25) 2-Butanone	7.340	43	1036197	86.87	ug/l	91
26) 2,2-Dichloropropane	7.324	77	269811	16.89	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	198771	16.82	ug/l	84
28) Bromochloromethane	7.659	49	193564	18.12	ug/l #	76
29) Tetrahydrofuran	7.691	42	652235	90.05	ug/l	87
30) Chloroform	7.817	83	365047	17.60	ug/l	97
31) Cyclohexane	8.094	56	330947	16.30	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	287870	16.29	ug/l	96
36) 1,1-Dichloropropene	8.222	75	240572	16.35	ug/l	96
37) Ethyl Acetate	7.415	43	382380	17.46	ug/l	95
38) Carbon Tetrachloride	8.204	117	228393	15.83	ug/l	99
39) Methylcyclohexane	9.459	83	280375	16.02	ug/l	90
40) Benzene	8.458	78	772989	17.19	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	202623	19.71	ug/l #	86
42) 1,2-Dichloroethane	8.531	62	319387	17.59	ug/l	97
43) Isopropyl Acetate	8.563	43	595380	18.37	ug/l #	93
44) Trichloroethene	9.217	130	177518	16.54	ug/l	94
45) 1,2-Dichloropropane	9.491	63	214224	17.74	ug/l	99
46) Dibromomethane	9.577	93	138270	17.46	ug/l	93
47) Bromodichloromethane	9.762	83	265020	17.67	ug/l	99
48) Methyl methacrylate	9.561	41	271088	17.93	ug/l	85
49) 1,4-Dioxane	9.571	88	100585	370.67	ug/l #	84
51) 4-Methyl-2-Pentanone	10.333	43	2013597	95.78	ug/l	95
52) Toluene	10.507	92	472524	17.21	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	279767	17.44	ug/l	96
54) cis-1,3-Dichloropropene	10.191	75	301533	17.29	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	197026	17.79	ug/l	98
56) Ethyl methacrylate	10.762	69	336088	17.62	ug/l #	89
57) 1,3-Dichloropropane	11.046	76	354050	18.15	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	712714	135.36	ug/l	90
59) 2-Hexanone	11.087	43	1474216	92.70	ug/l	93
60) Dibromochloromethane	11.237	129	179432	16.77	ug/l	99
61) 1,2-Dibromoethane	11.347	107	195780	17.06	ug/l	100
64) Tetrachloroethene	10.979	164	162911	16.97	ug/l	91
65) Chlorobenzene	11.771	112	498053	17.34	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	177145	17.53	ug/l	99
67) Ethyl Benzene	11.846	91	915250	17.55	ug/l	96
68) m/p-Xylenes	11.956	106	664588	34.99	ug/l	91
69) o-Xylene	12.280	106	333564	17.44	ug/l	90
70) Styrene	12.296	104	538102	17.74	ug/l	95
71) Bromoform	12.460	173	127620	16.69	ug/l #	99
73) Isopropylbenzene	12.581	105	874392	16.73	ug/l	97
74) N-amyl acetate	12.390	43	403952	17.48	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	323855	17.92	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	298496m	17.72	ug/l	
77) Bromobenzene	12.862	156	204330	16.65	ug/l	76
78) n-propylbenzene	12.921	91	989273	17.01	ug/l	95
79) 2-Chlorotoluene	13.007	91	622550	16.94	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	715993	17.02	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	75313	17.51	ug/l	86
82) 4-Chlorotoluene	13.106	91	593289	17.17	ug/l	93
83) tert-Butylbenzene	13.326	119	618593	16.61	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	697558	17.41	ug/l	97
85) sec-Butylbenzene	13.503	105	864287	17.11	ug/l	96
86) p-Isopropyltoluene	13.618	119	679068	17.20	ug/l	95
87) 1,3-Dichlorobenzene	13.616	146	349695	17.34	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	336430	16.98	ug/l	96
89) n-Butylbenzene	13.943	91	542592	16.94	ug/l	97
90) Hexachloroethane	14.211	117	104415	15.06	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	346039	17.61	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	56497	17.30	ug/l	76
93) 1,2,4-Trichlorobenzene	15.265	180	166528	19.16	ug/l	96
94) Hexachlorobutadiene	15.370	225	95358	18.31	ug/l	100
95) Naphthalene	15.507	128	502390	20.09	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	164913	19.14	ug/l	98

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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
QLast Update : Fri Dec 03 08:46:47 2021
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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

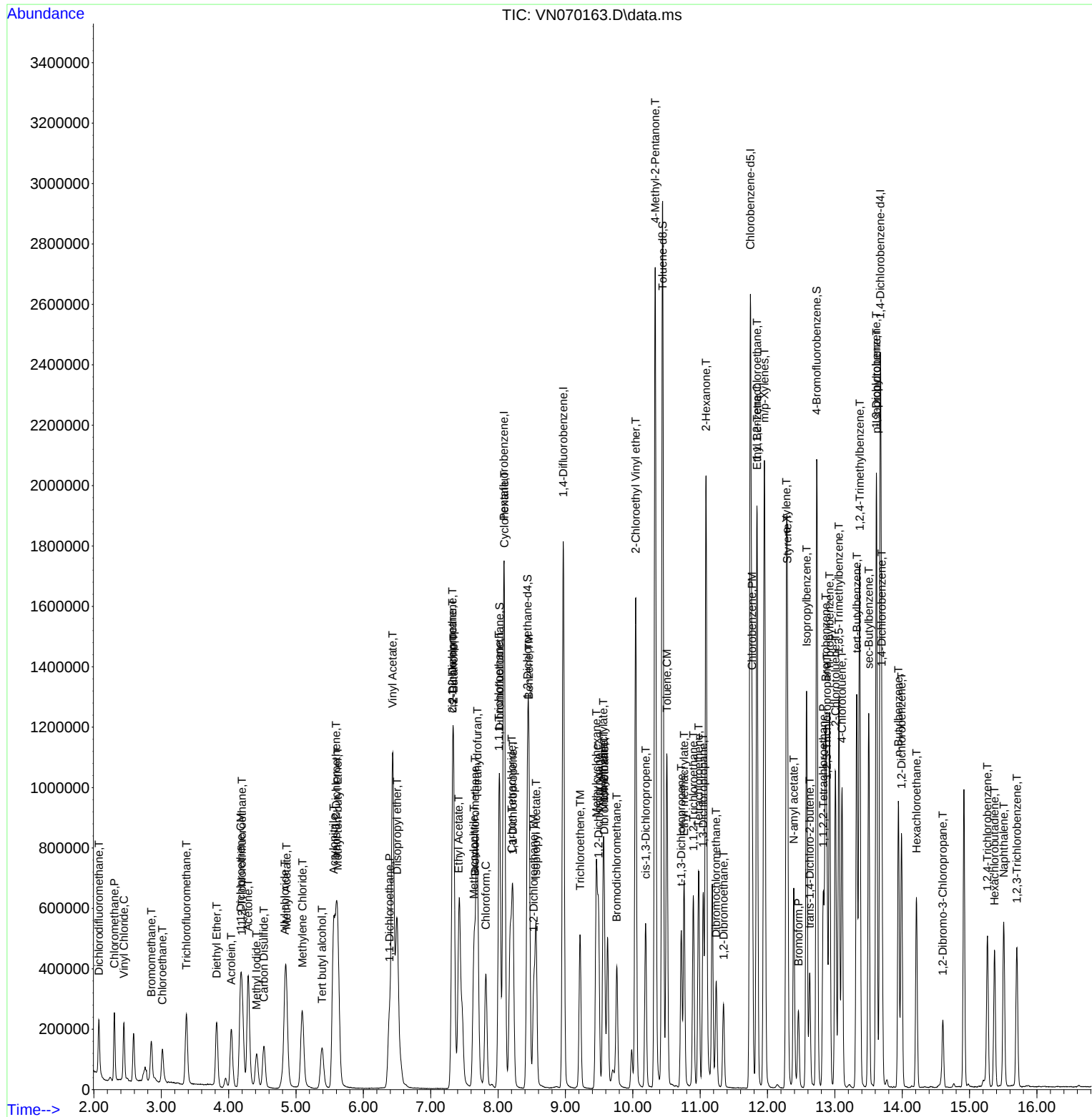
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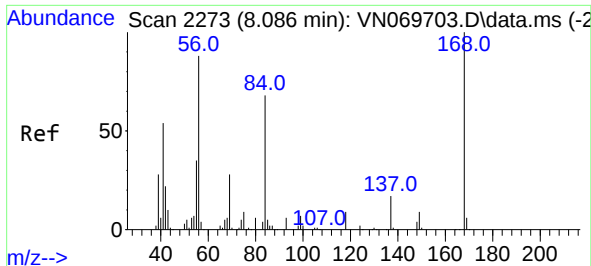
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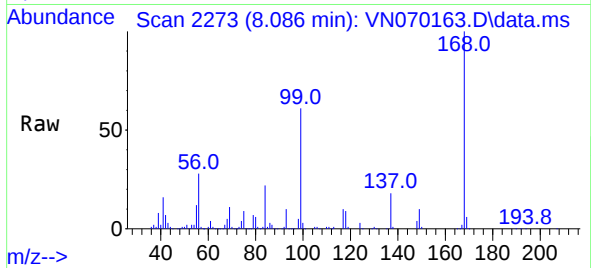
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#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 8.086 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN070163.D
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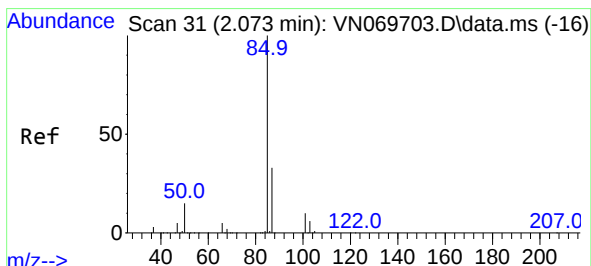
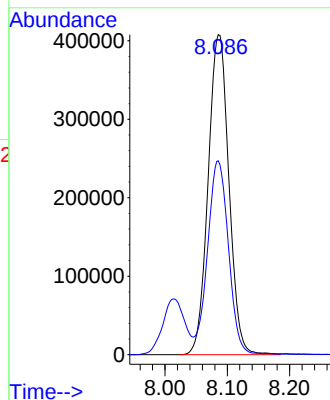
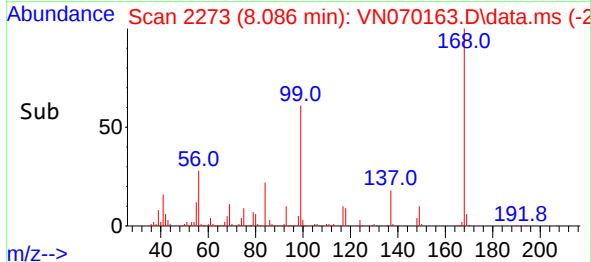
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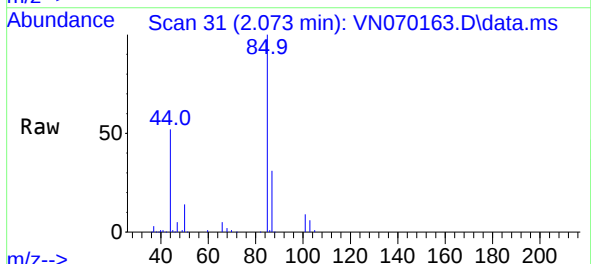
Tgt Ion:168 Resp: 94520
Ion Ratio Lower Upper
168 100
99 60.4 41.3 61.9

Manual Integrations
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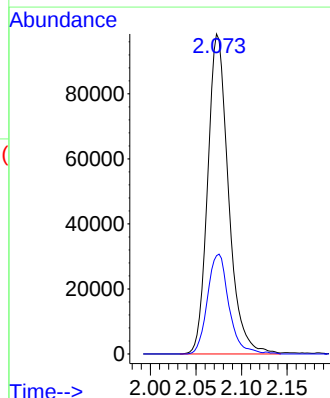
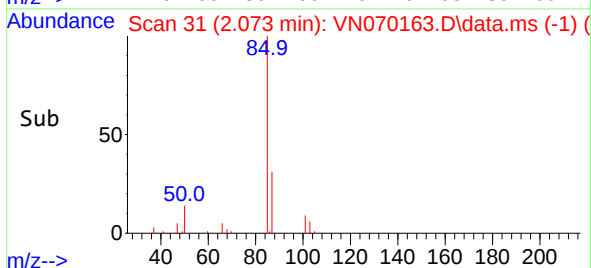
Reviewed By :John Carlone 12/18/2021
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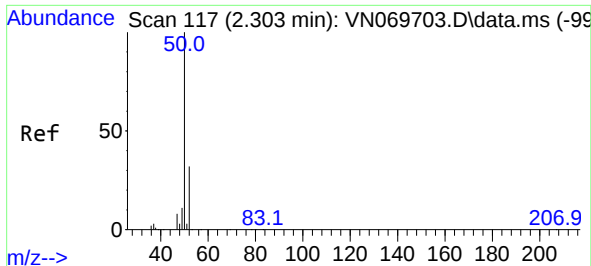


#2
Dichlorodifluoromethane
Concen: 14.16 ug/l
RT: 2.073 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53



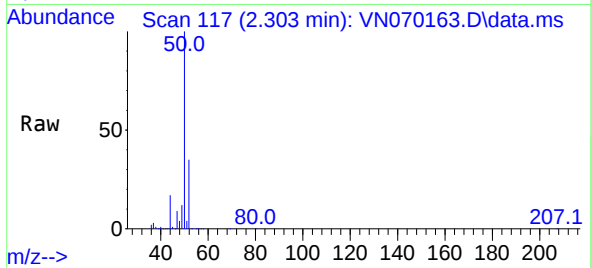
Tgt Ion: 85 Resp: 156151
Ion Ratio Lower Upper
85 100
87 30.7 16.3 48.9





#3
Chloromethane
Concen: 14.43 ug/l
RT: 2.303 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

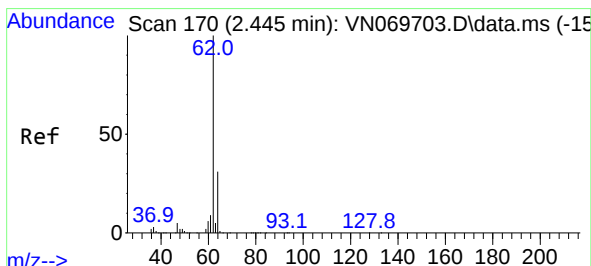
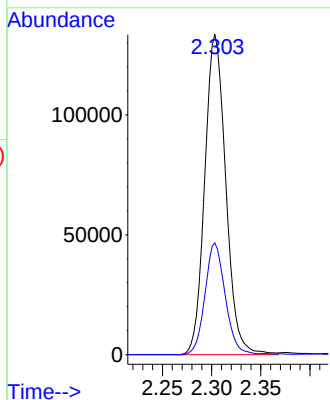
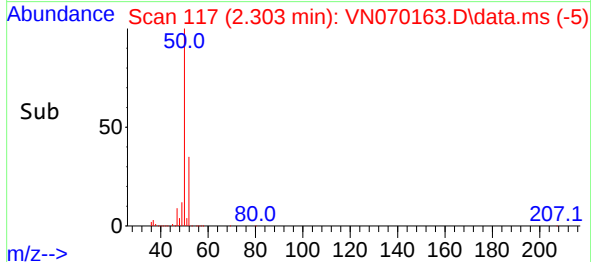
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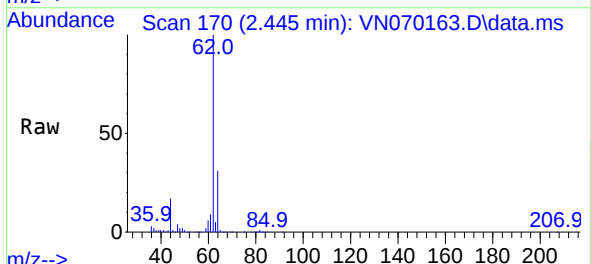
Tgt Ion: 50 Resp: 19927
Ion Ratio Lower Upper
50 100
52 35.0 25.4 38.0

Manual Integrations
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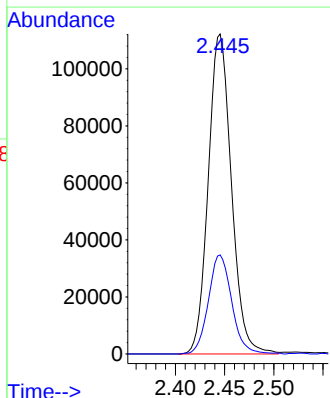
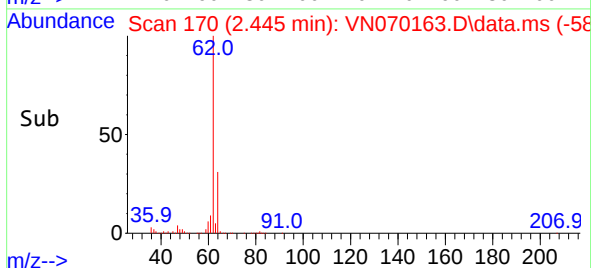
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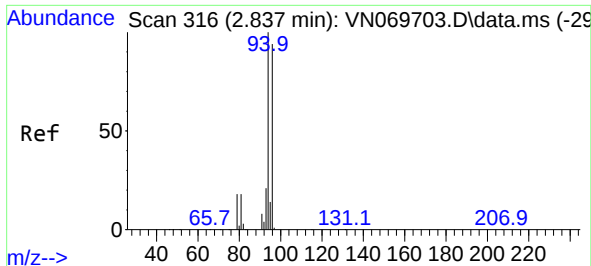


#4
Vinyl Chloride
Concen: 14.52 ug/l
RT: 2.445 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53



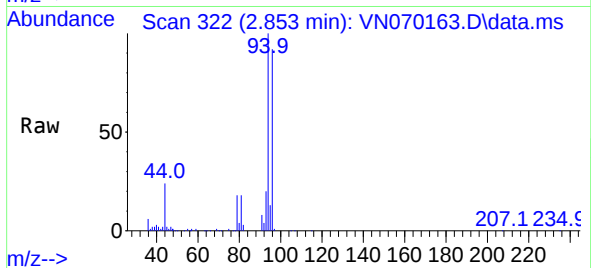
Tgt Ion: 62 Resp: 184369
Ion Ratio Lower Upper
62 100
64 31.0 25.8 38.6





#5
Bromomethane
Concen: 15.30 ug/l
RT: 2.853 min Scan# 316
Delta R.T. 0.016 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

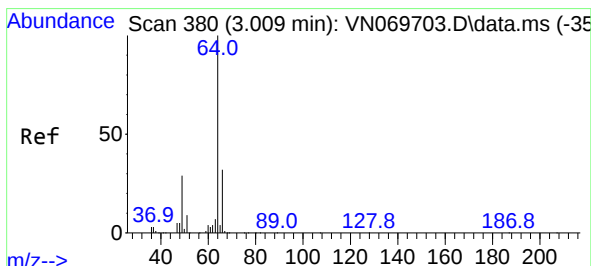
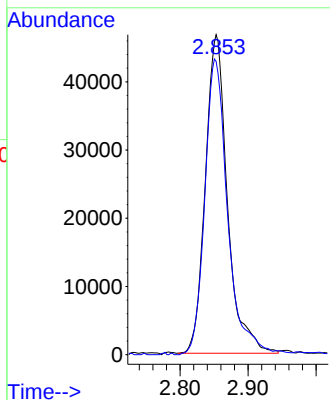
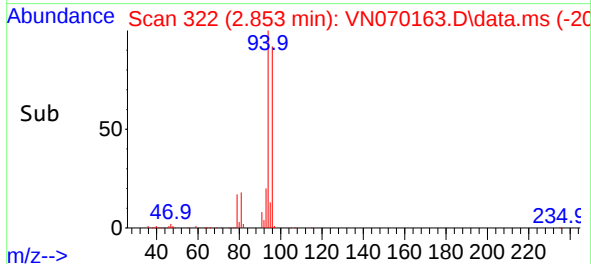
Instrument :
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Tgt Ion: 94 Resp: 105544
Ion Ratio Lower Upper
94 100
96 92.1 73.8 110.8

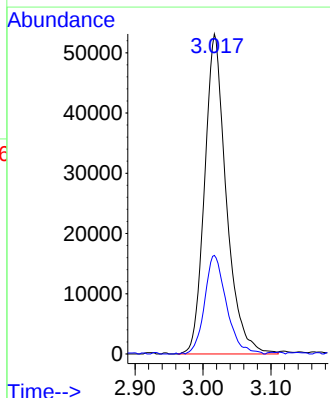
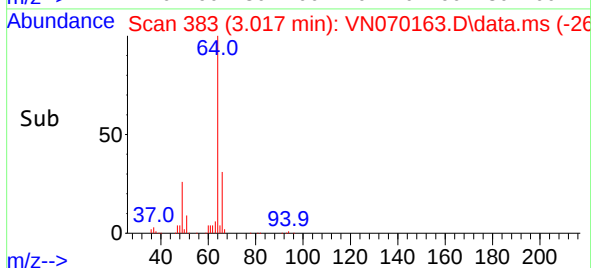
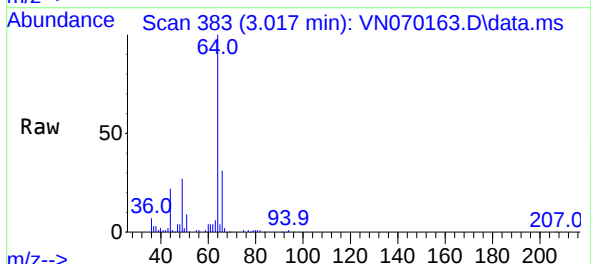
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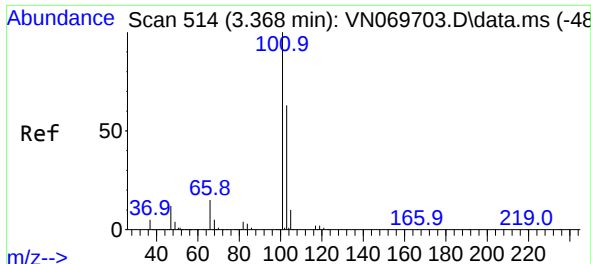
Reviewed By :John Carlone 12/18/2021
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#6
Chloroethane
Concen: 15.13 ug/l
RT: 3.017 min Scan# 383
Delta R.T. 0.008 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

Tgt Ion: 64 Resp: 117744
Ion Ratio Lower Upper
64 100
66 30.8 26.3 39.5





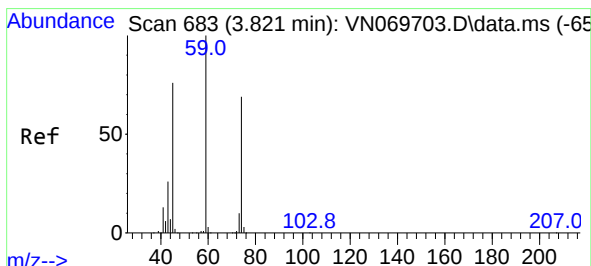
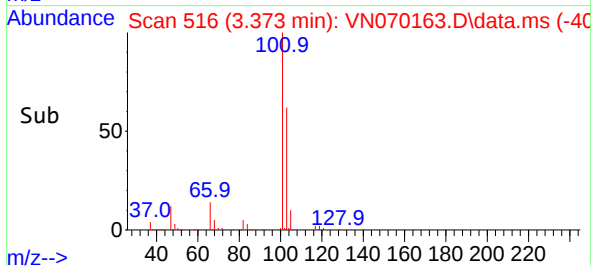
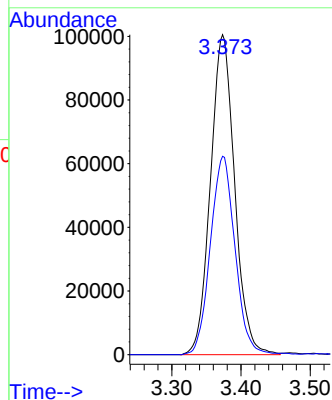
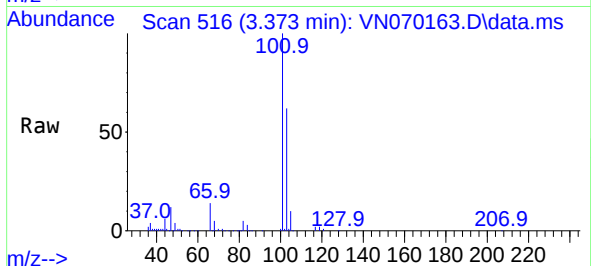
#7
Trichlorofluoromethane
Concen: 14.64 ug/l
RT: 3.373 min Scan# 514
Delta R.T. 0.005 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 244075
Ion Ratio Lower Upper
101 100
103 62.0 50.1 75.1

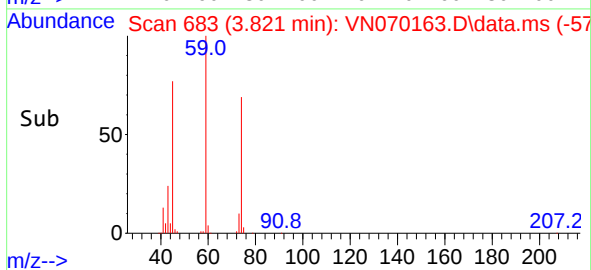
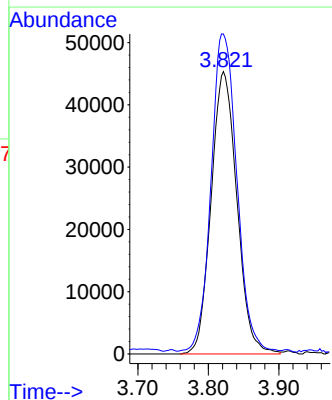
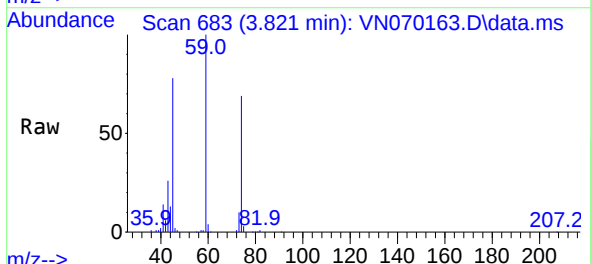
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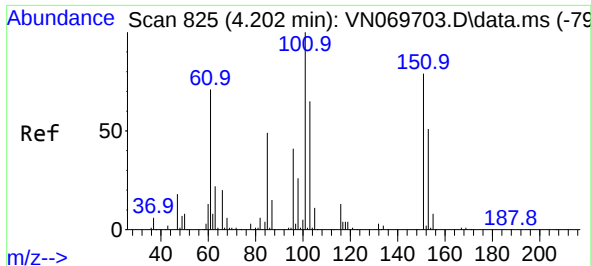
Reviewed By :John Carlone 12/18/2021
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#8
Diethyl Ether
Concen: 17.94 ug/l
RT: 3.821 min Scan# 683
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

Tgt Ion: 74 Resp: 115165
Ion Ratio Lower Upper
74 100
45 111.9 47.0 141.2





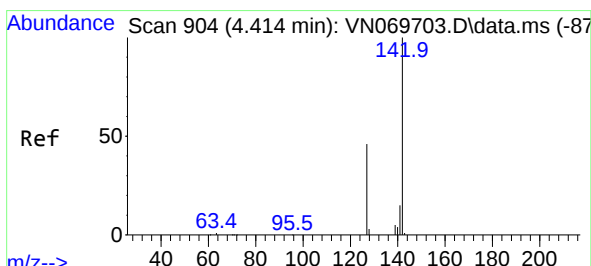
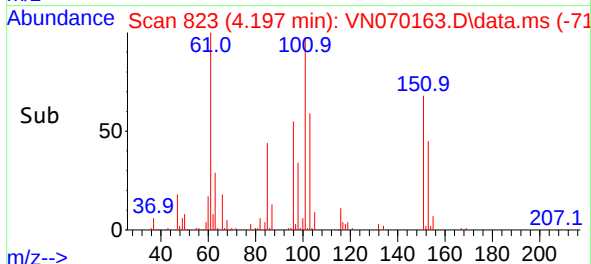
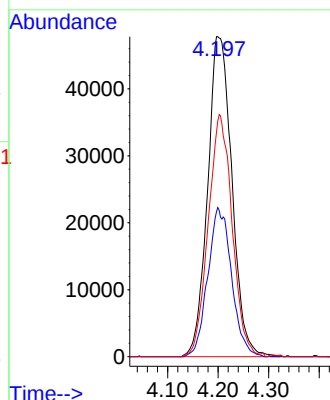
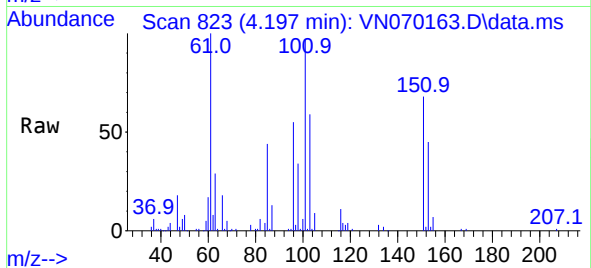
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.12 ug/l
RT: 4.197 min Scan# 81
Delta R.T. -0.005 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02

Tgt Ion:101 Resp: 159970
Ion Ratio Lower Upper
101 100
85 45.4 37.2 55.8
151 74.2 65.9 98.9

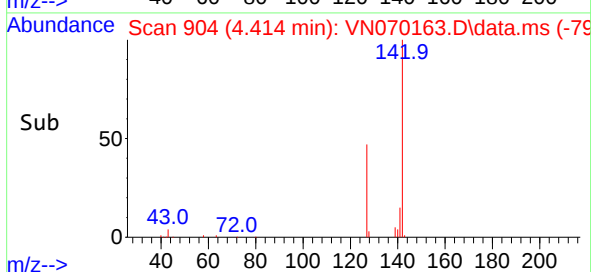
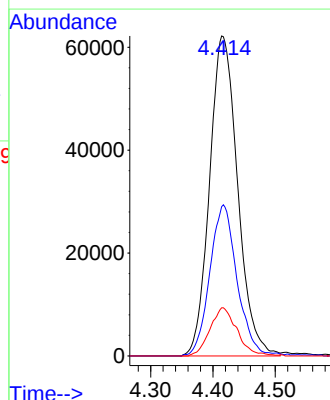
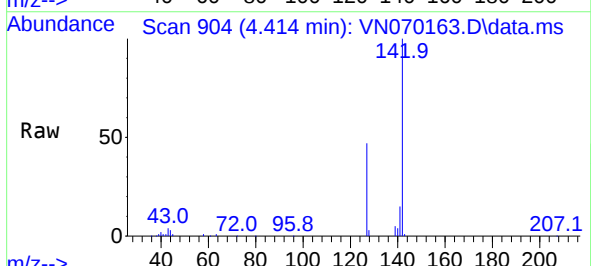
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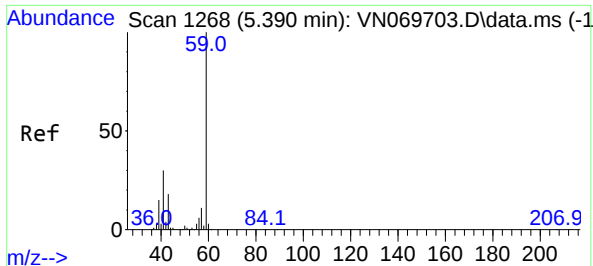
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#10
Methyl Iodide
Concen: 15.28 ug/l
RT: 4.414 min Scan# 904
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

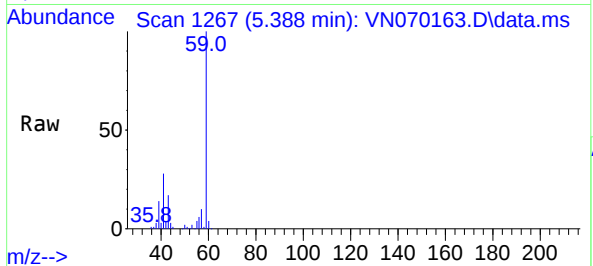
Tgt Ion:142 Resp: 195025
Ion Ratio Lower Upper
142 100
127 45.6 35.4 53.0
141 14.5 11.6 17.4





#11
Tert butyl alcohol
Concen: 86.16 ug/l
RT: 5.388 min Scan# 11
Delta R.T. -0.003 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

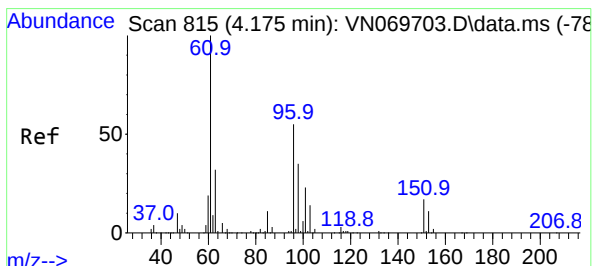
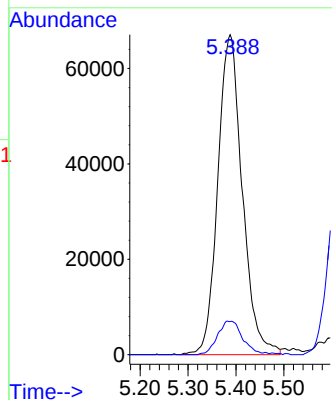
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02



Tgt Ion: 59 Resp: 237684
Ion Ratio Lower Upper
59 100
57 10.6 8.7 13.1

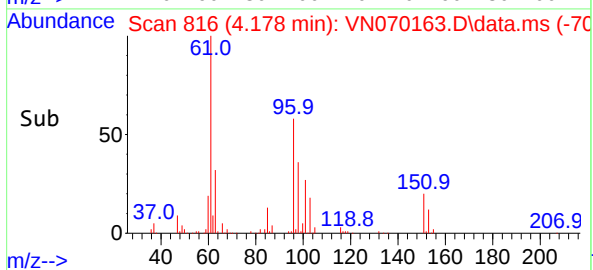
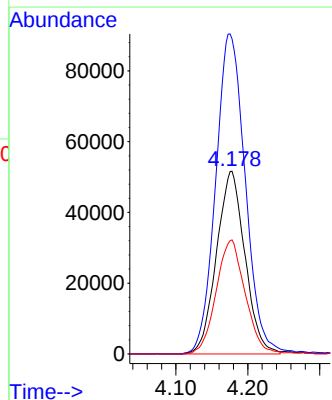
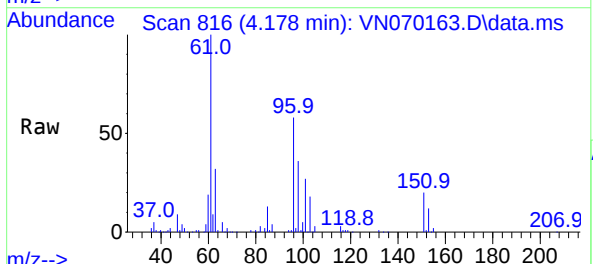
Manual Integrations
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Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#12
1,1-Dichloroethene
Concen: 15.76 ug/l
RT: 4.178 min Scan# 816
Delta R.T. 0.003 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

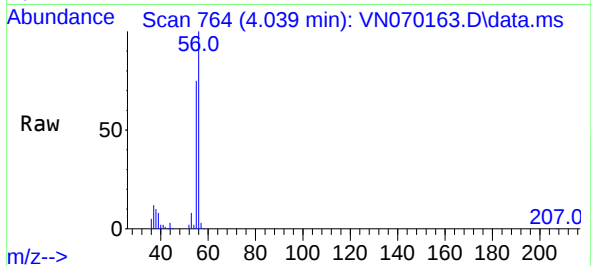
Tgt Ion: 96 Resp: 141864
Ion Ratio Lower Upper
96 100
61 172.4 131.0 196.6
98 62.5 52.4 78.6





#13
Acrolein
Concen: 102.04 ug/l
RT: 4.039 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

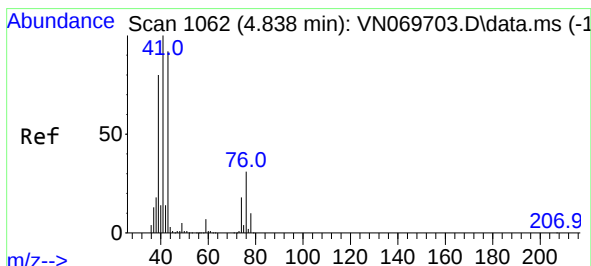
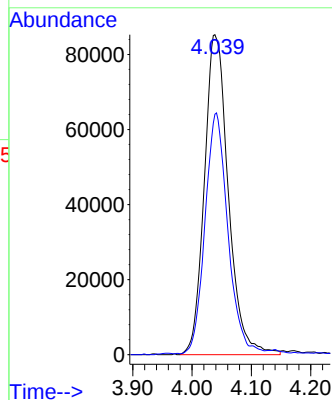
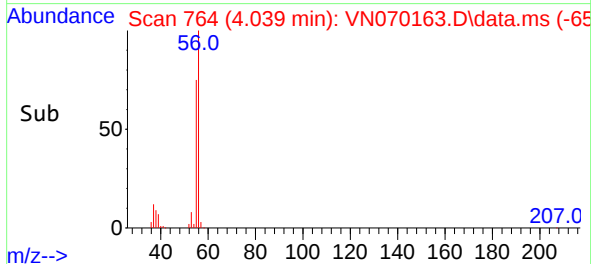
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02



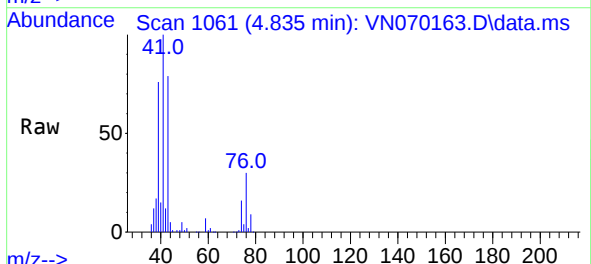
Tgt Ion: 56 Resp: 23970
Ion Ratio Lower Upper
56 100
55 71.4 56.6 85.0

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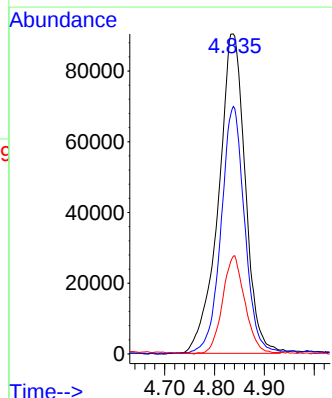
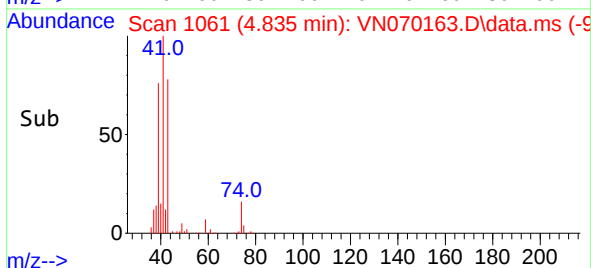
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

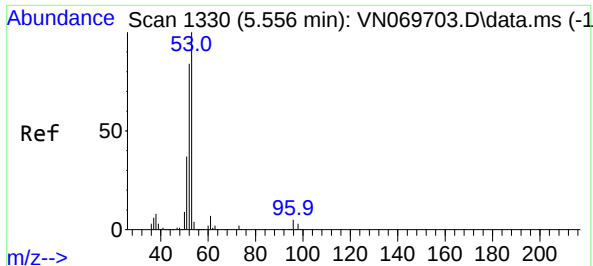


#14
Allyl chloride
Concen: 16.60 ug/l
RT: 4.835 min Scan# 1061
Delta R.T. -0.003 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53



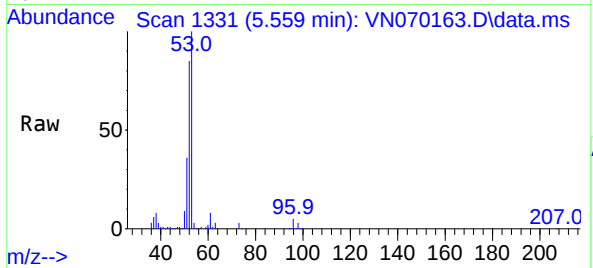
Tgt Ion: 41 Resp: 336781
Ion Ratio Lower Upper
41 100
39 67.8 61.2 91.8
76 25.0 26.0 39.0





#15
Acrylonitrile
Concen: 89.17 ug/l
RT: 5.559 min Scan# 1330
Delta R.T. 0.003 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

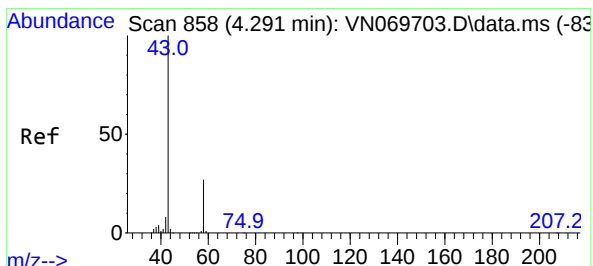
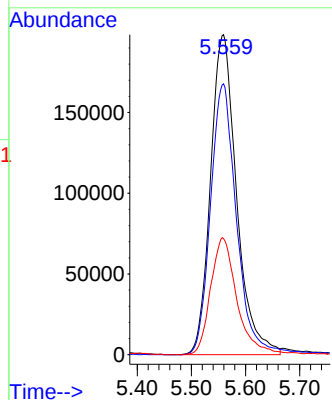
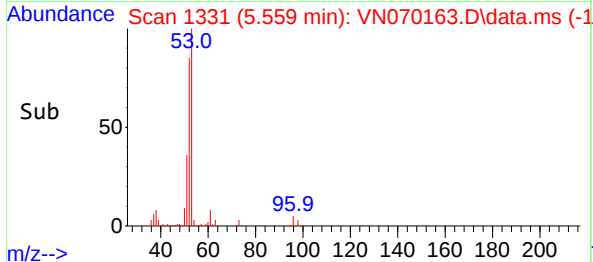
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02



Tgt Ion: 53 Resp: 66281
Ion Ratio Lower Upper
53 100
52 84.1 66.2 99.2
51 37.0 29.6 44.4

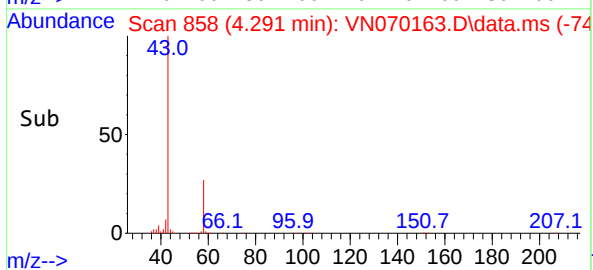
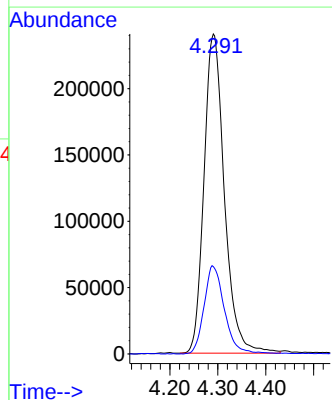
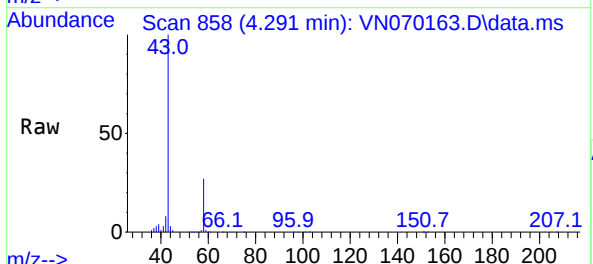
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APPROVED

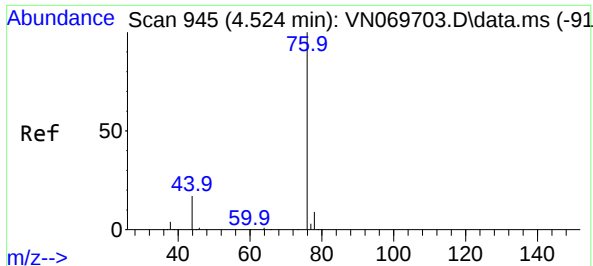
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#16
Acetone
Concen: 81.32 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

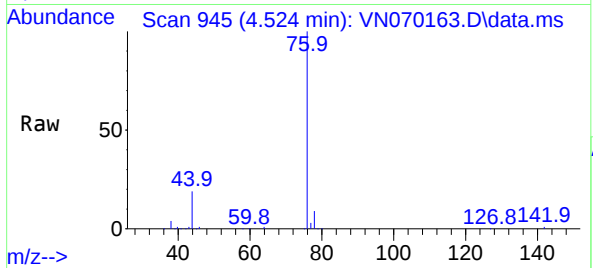
Tgt Ion: 43 Resp: 713886
Ion Ratio Lower Upper
43 100
58 27.4 23.1 34.7





#17
Carbon Disulfide
Concen: 13.17 ug/l
RT: 4.524 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

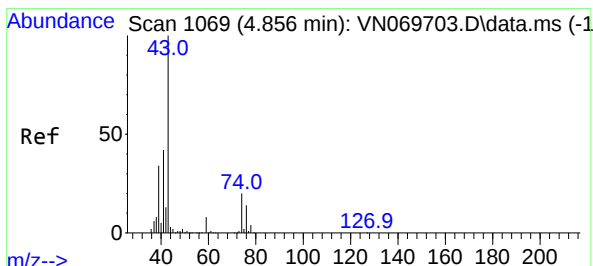
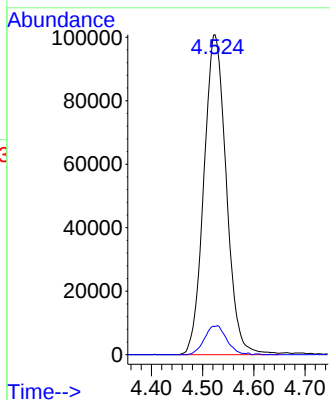
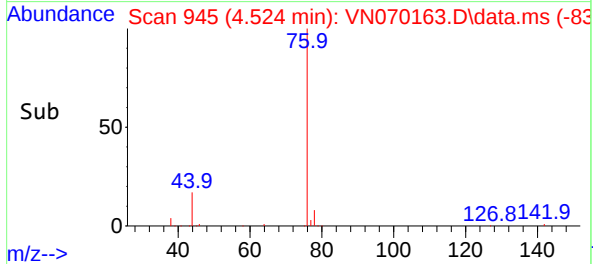
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02



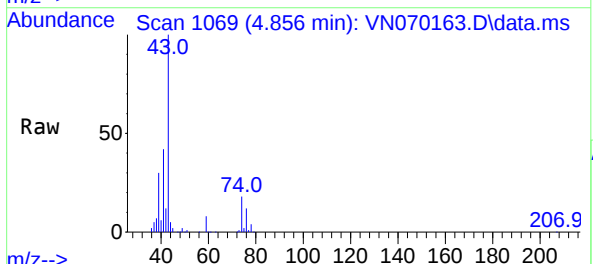
Tgt Ion: 76 Resp: 306362
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3

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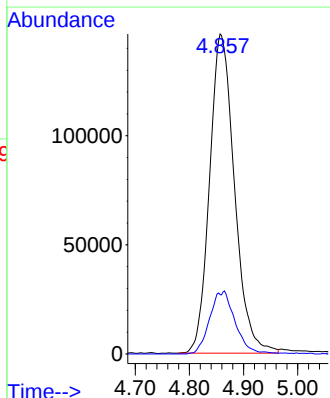
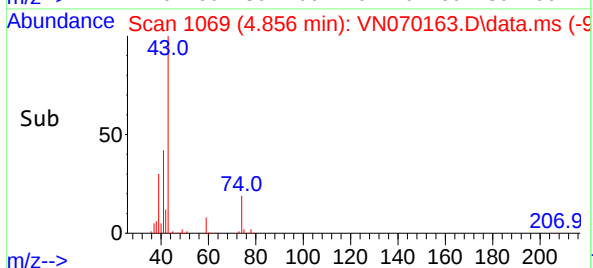
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

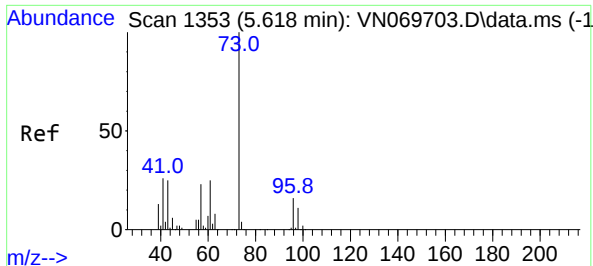


#18
Methyl Acetate
Concen: 17.63 ug/l
RT: 4.856 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53



Tgt Ion: 43 Resp: 467174
Ion Ratio Lower Upper
43 100
74 8.8 19.4 29.2#





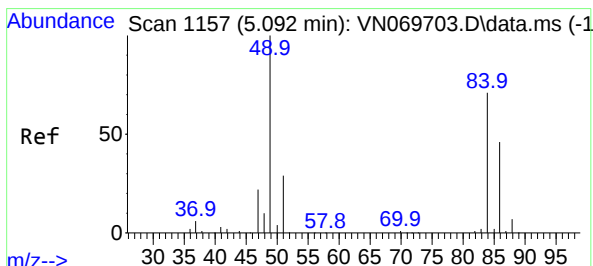
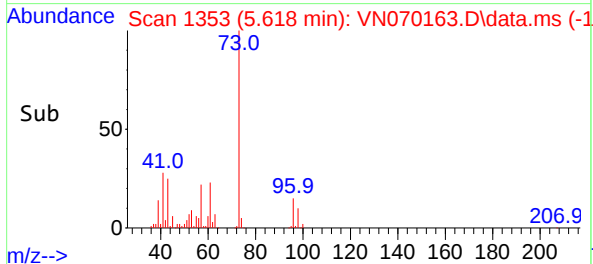
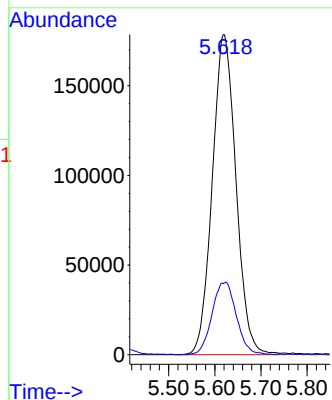
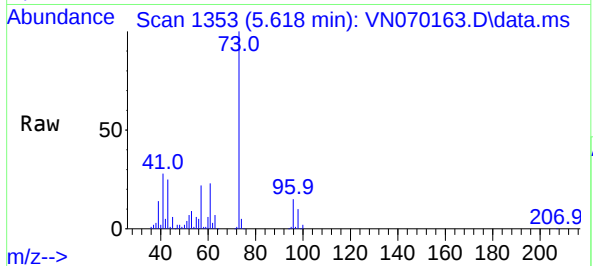
#19
Methyl tert-butyl Ether
Concen: 18.19 ug/l
RT: 5.618 min Scan# 1157
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02

Tgt Ion: 73 Resp: 636720
Ion Ratio Lower Upper
73 100
57 22.2 16.8 25.2

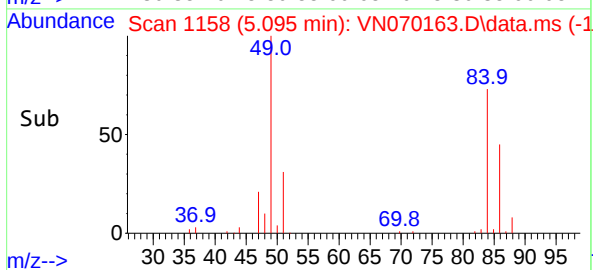
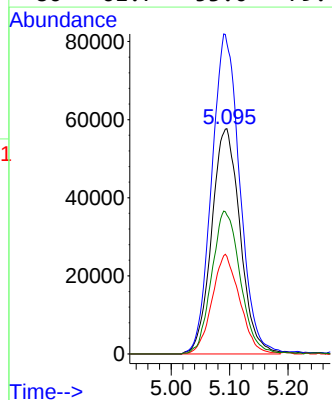
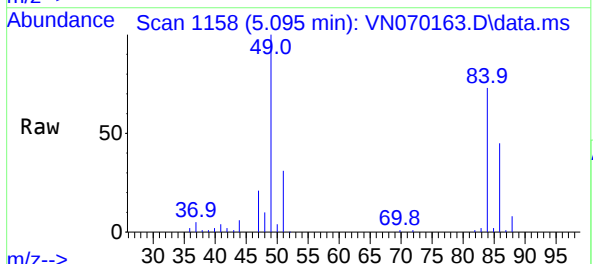
Manual Integrations
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Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#20
Methylene Chloride
Concen: 16.74 ug/l
RT: 5.095 min Scan# 1158
Delta R.T. 0.003 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

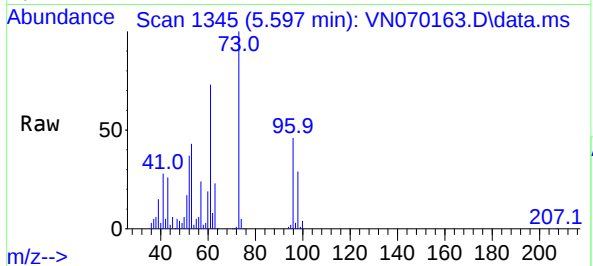
Tgt Ion: 84 Resp: 195416
Ion Ratio Lower Upper
84 100
49 137.9 93.5 140.3
51 43.2 29.4 44.2
86 61.7 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 15.58 ug/l
RT: 5.597 min Scan# 11
Delta R.T. 0.003 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

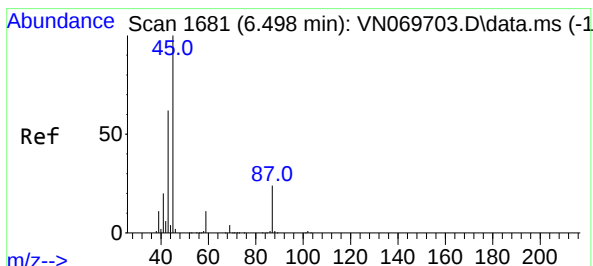
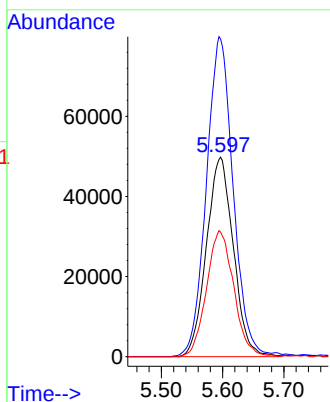
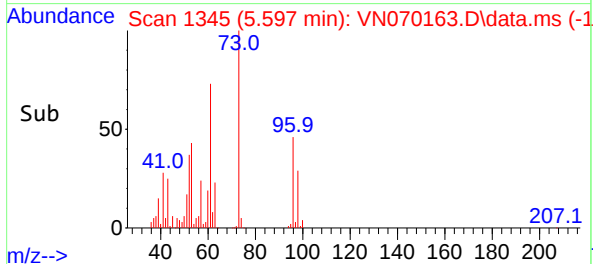
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02



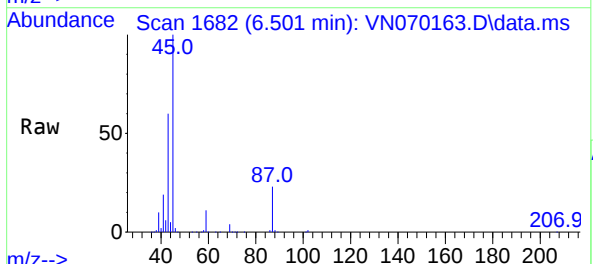
Tgt Ion: 96 Resp: 15231
Ion Ratio Lower Upper
96 100
61 158.6 105.8 158.6
98 62.5 52.0 78.0

Manual Integrations
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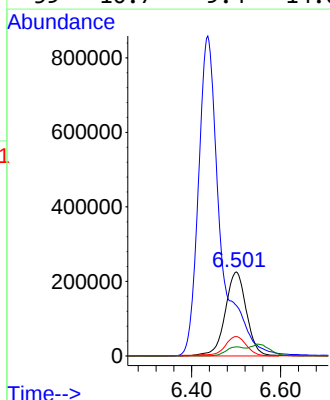
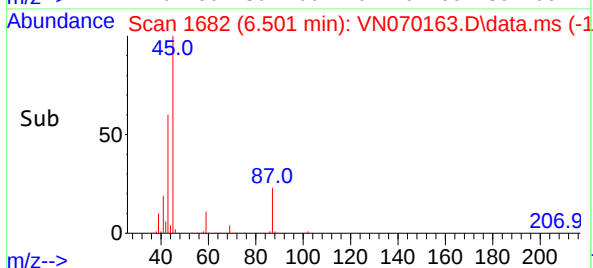
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

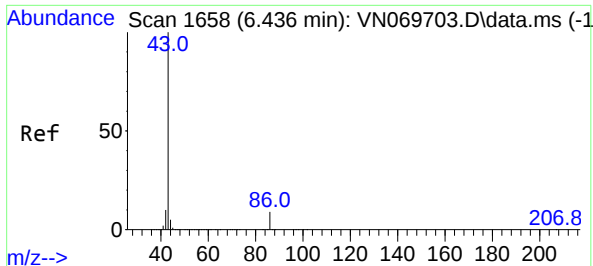


#22
Diisopropyl ether
Concen: 18.81 ug/l
RT: 6.501 min Scan# 1682
Delta R.T. 0.003 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53



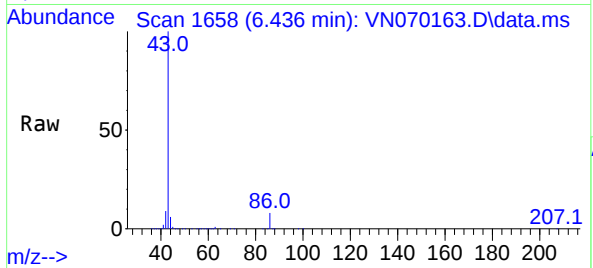
Tgt Ion: 45 Resp: 745948
Ion Ratio Lower Upper
45 100
43 59.4 51.7 77.5
87 22.9 23.2 34.8#
59 10.7 9.4 14.0





#23
 Vinyl Acetate
 Concen: 90.83 ug/l
 RT: 6.436 min Scan# 1658
 Delta R.T. 0.000 min
 Lab File: VN070163.D
 Acq: 17 Dec 2021 14:53

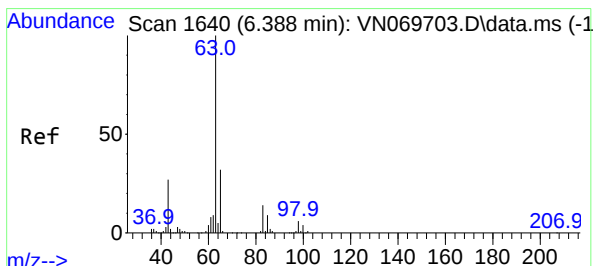
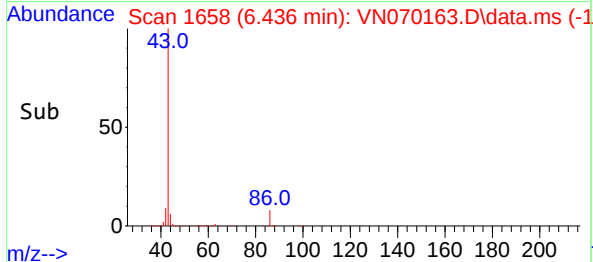
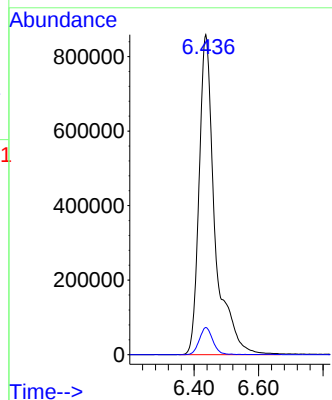
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBSD02



Tgt Ion: 43 Resp: 293033
 Ion Ratio Lower Upper
 43 100
 86 8.5 8.5 12.7

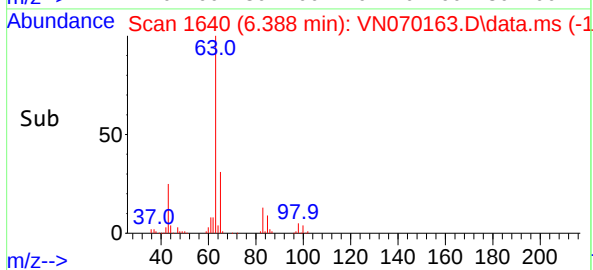
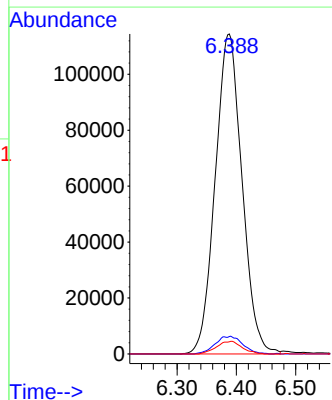
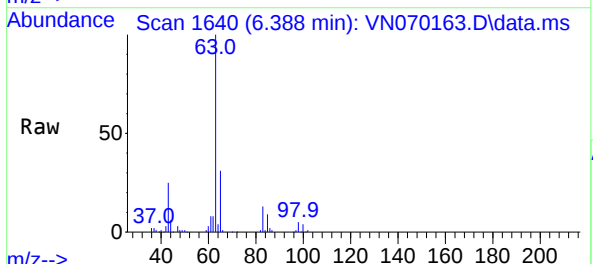
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Reviewed By :John Carlone 12/18/2021
 Supervised By :Mahesh Dadoda 12/23/2021



#24
 1,1-Dichloroethane
 Concen: 17.48 ug/l
 RT: 6.388 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: VN070163.D
 Acq: 17 Dec 2021 14:53

Tgt Ion: 63 Resp: 359134
 Ion Ratio Lower Upper
 63 100
 98 5.4 3.3 9.9
 100 3.8 2.1 6.5





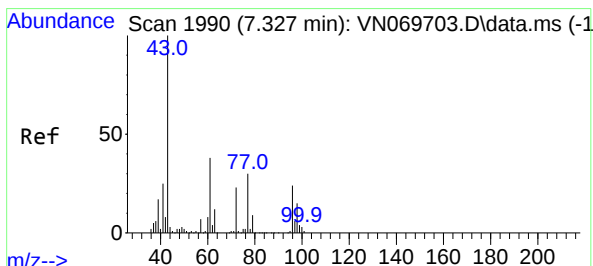
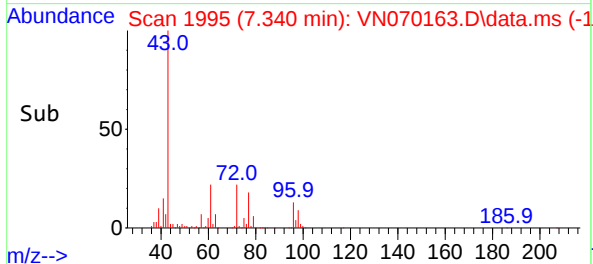
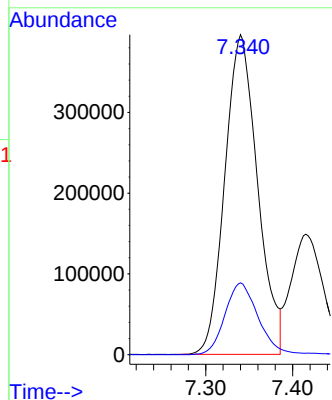
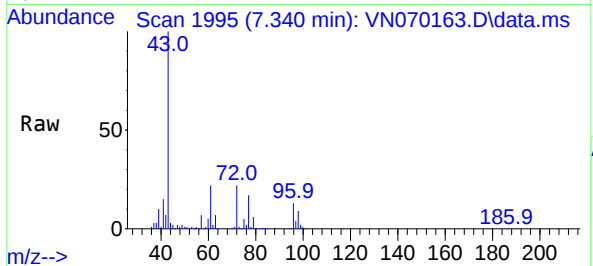
#25
2-Butanone
Concen: 86.87 ug/l
RT: 7.340 min Scan# 1994
Delta R.T. 0.003 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02

Tgt Ion: 43 Resp: 103619
Ion Ratio Lower Upper
43 100
72 22.5 21.7 32.5

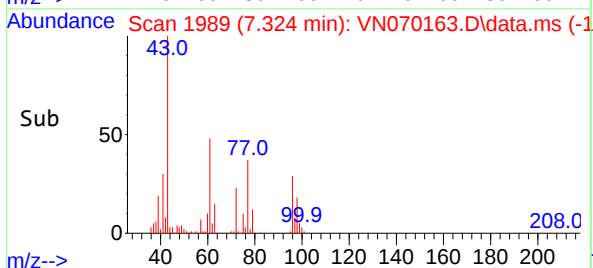
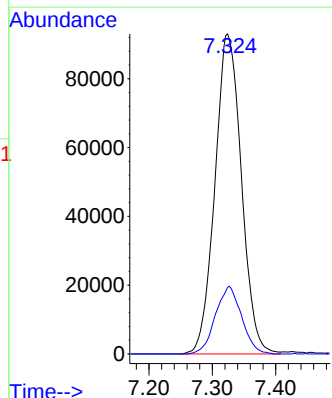
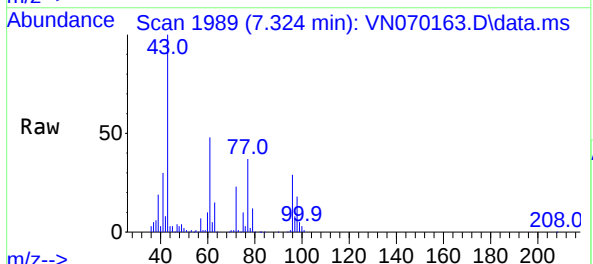
Manual Integrations
APPROVED

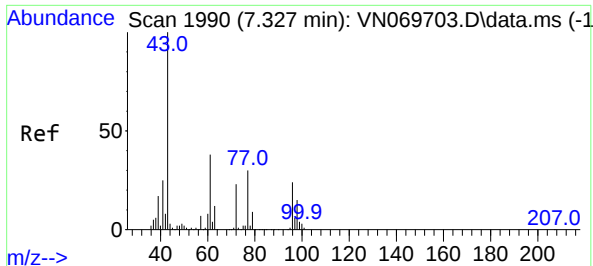
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#26
2,2-Dichloropropane
Concen: 16.89 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

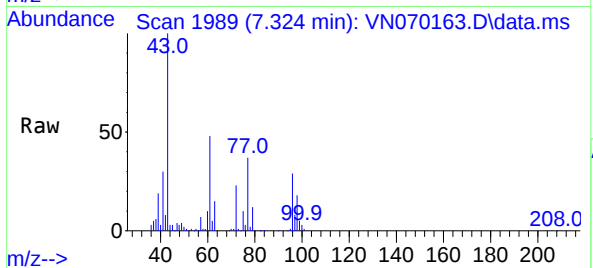
Tgt Ion: 77 Resp: 269811
Ion Ratio Lower Upper
77 100
97 20.9 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 16.82 ug/l
RT: 7.324 min Scan# 1989
Delta R.T. -0.003 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

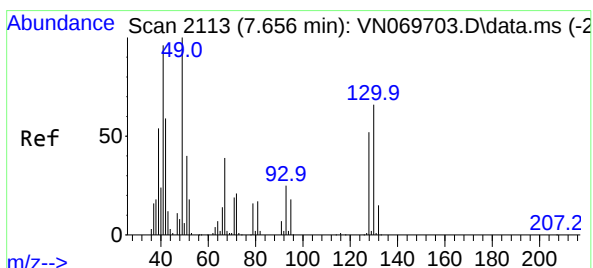
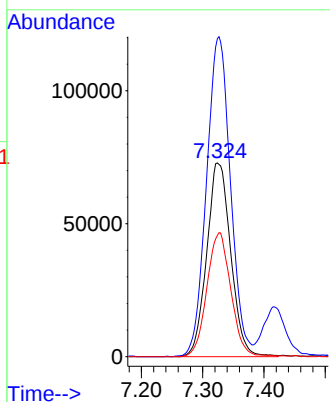
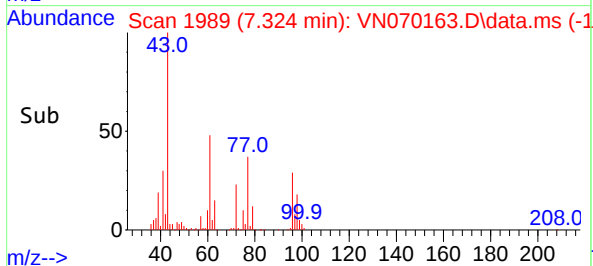
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02



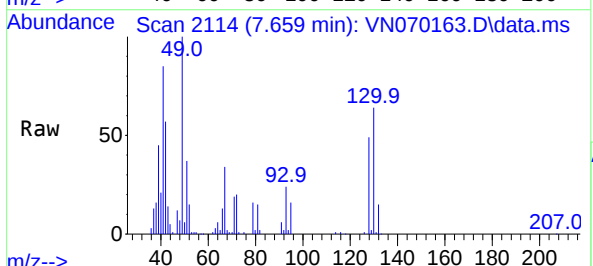
Tgt Ion: 96 Resp: 19877
Ion Ratio Lower Upper
96 100
61 164.8 0.0 275.0
98 63.6 0.0 129.6

Manual Integrations
APPROVED

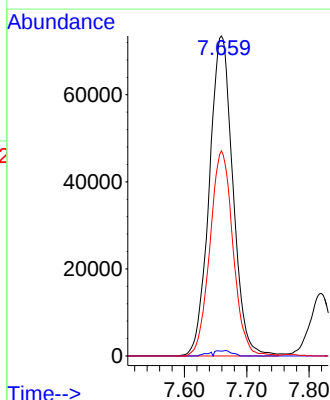
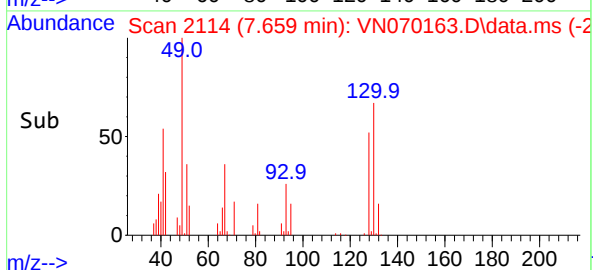
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

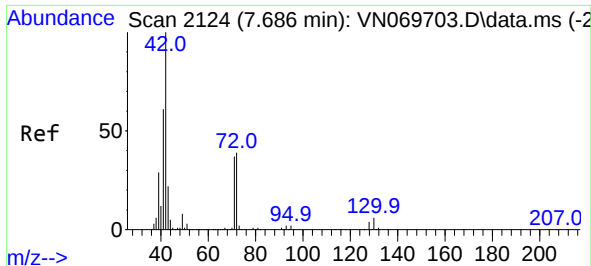


#28
Bromochloromethane
Concen: 18.12 ug/l
RT: 7.659 min Scan# 2114
Delta R.T. 0.003 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53



Tgt Ion: 49 Resp: 193564
Ion Ratio Lower Upper
49 100
129 0.5 0.0 4.0
130 62.3 67.8 101.8#





#29

Tetrahydrofuran

Concen: 90.05 ug/l

RT: 7.691 min Scan# 2124

Delta R.T. 0.005 min

Lab File: VN070163.D

Acq: 17 Dec 2021 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBSD02

Tgt Ion: 42 Resp: 65223

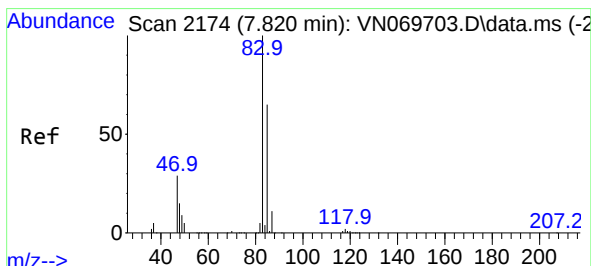
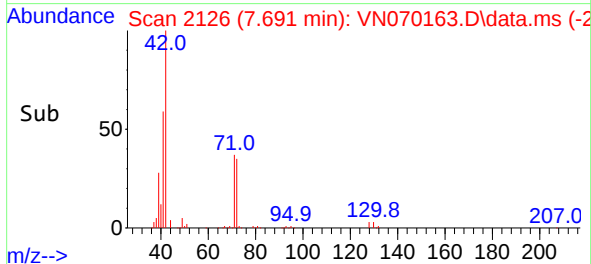
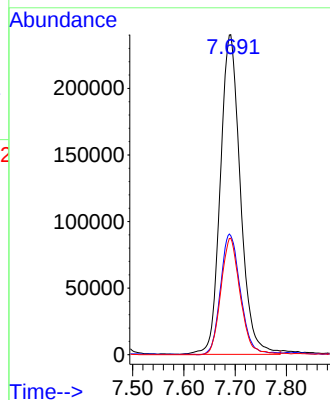
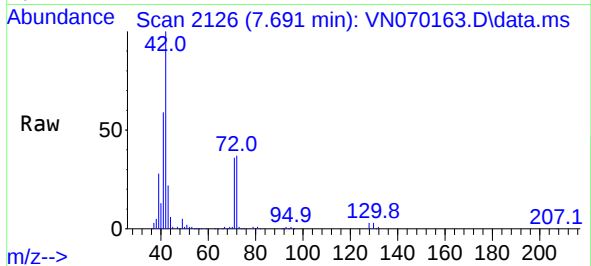
Ion	Ratio	Lower	Upper
42	100		
72	37.4	36.3	54.5
71	35.2	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/18/2021

Supervised By :Mahesh Dadoda 12/23/2021



#30

Chloroform

Concen: 17.60 ug/l

RT: 7.817 min Scan# 2173

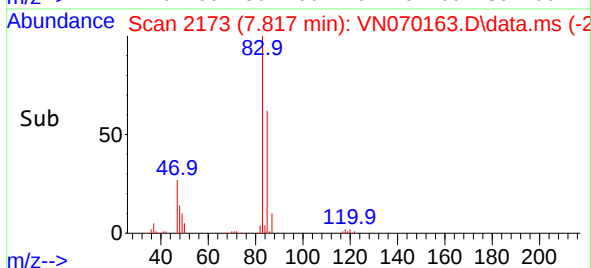
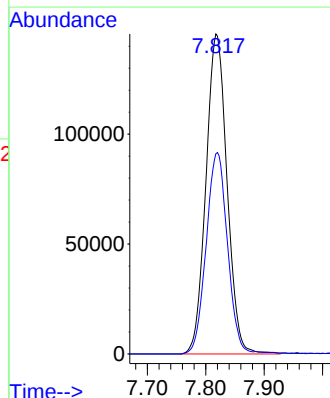
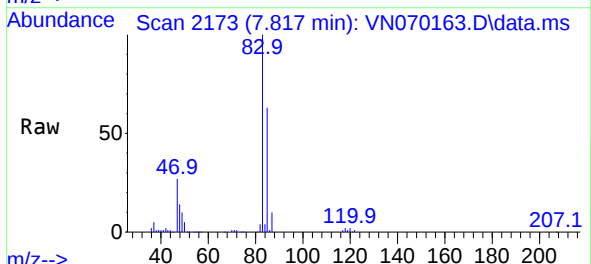
Delta R.T. -0.003 min

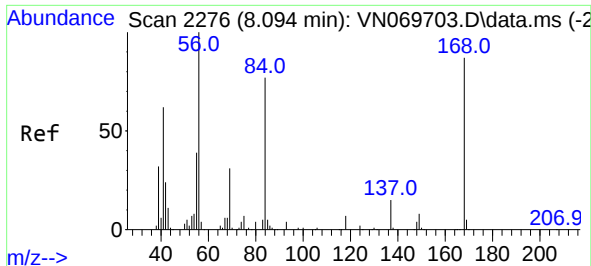
Lab File: VN070163.D

Acq: 17 Dec 2021 14:53

Tgt Ion: 83 Resp: 365047

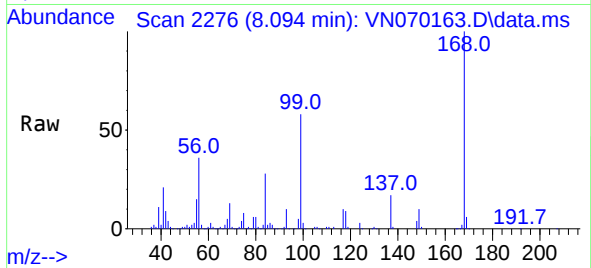
Ion	Ratio	Lower	Upper
83	100		
85	62.6	51.9	77.9





#31
Cyclohexane
Concen: 16.30 ug/l
RT: 8.094 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

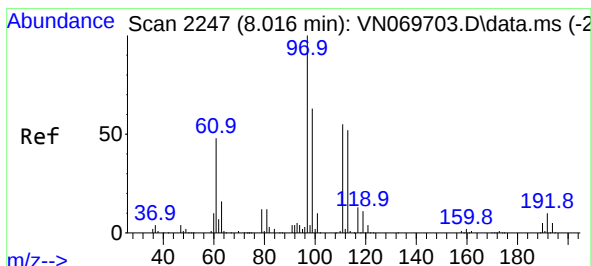
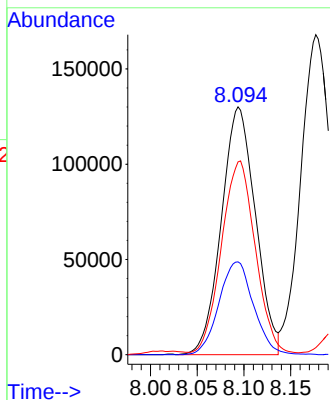
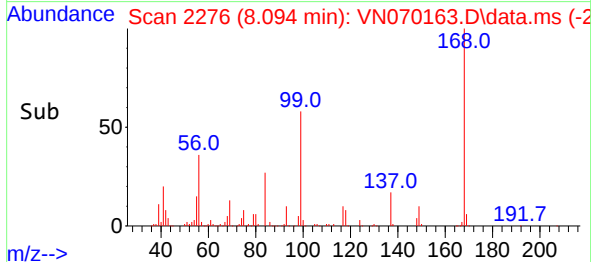
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02



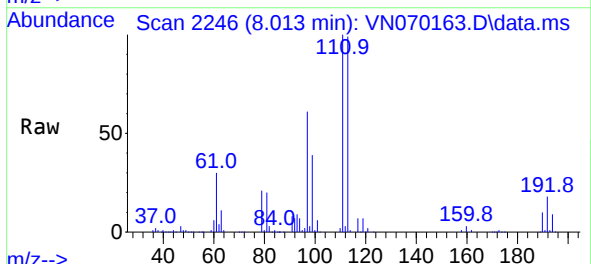
Tgt Ion: 56 Resp: 33094
Ion Ratio Lower Upper
56 100
69 37.4 27.1 40.7
84 76.5 73.4 110.0

Manual Integrations
APPROVED

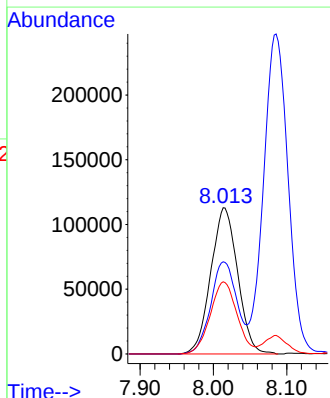
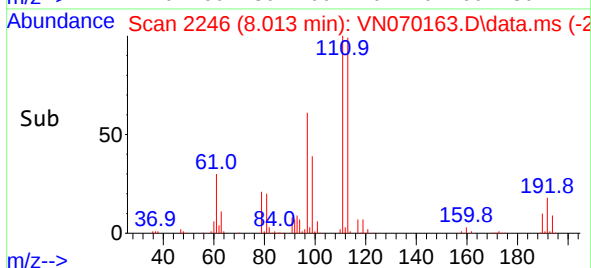
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

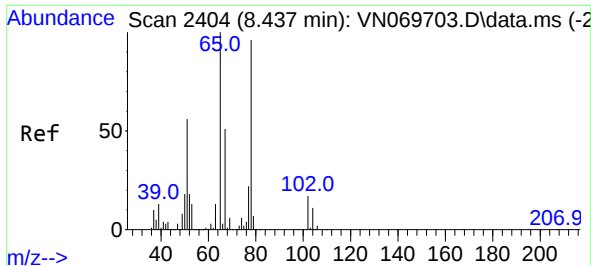


#32
1,1,1-Trichloroethane
Concen: 16.29 ug/l
RT: 8.013 min Scan# 2246
Delta R.T. -0.003 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53



Tgt Ion: 97 Resp: 287870
Ion Ratio Lower Upper
97 100
99 61.7 50.1 75.1
61 49.3 35.2 52.8





#33

1,2-Dichloroethane-d4

Concen: 53.07 ug/l

RT: 8.437 min Scan# 2404

Delta R.T. 0.000 min

Lab File: VN070163.D

Acq: 17 Dec 2021 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBSD02

Tgt Ion: 65 Resp: 77446

Ion Ratio Lower Upper

65 100

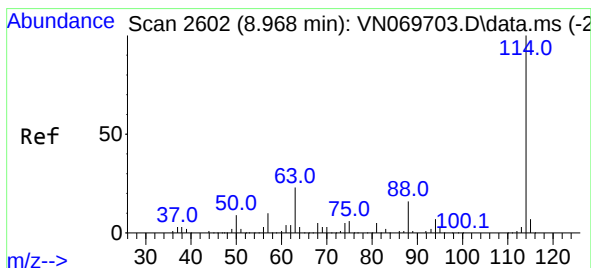
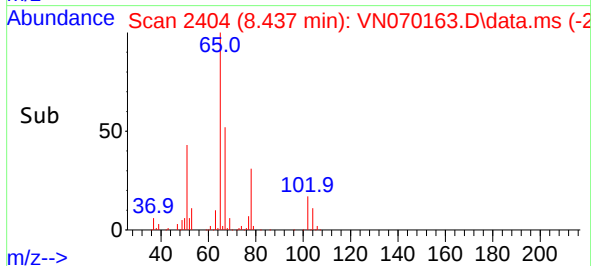
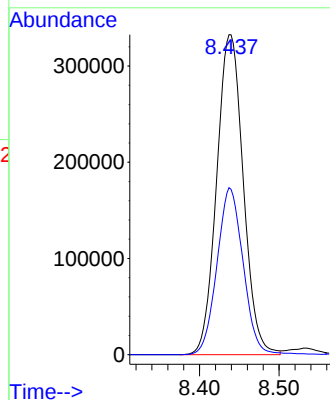
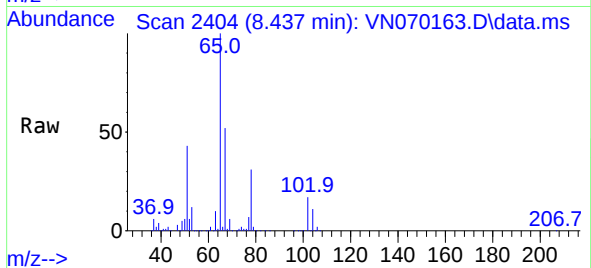
67 51.4 0.0 103.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/18/2021

Supervised By :Mahesh Dadoda 12/23/2021



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.968 min Scan# 2602

Delta R.T. -0.000 min

Lab File: VN070163.D

Acq: 17 Dec 2021 14:53

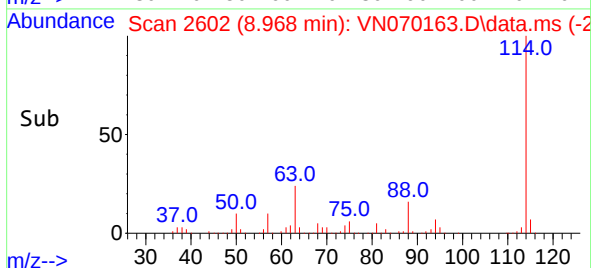
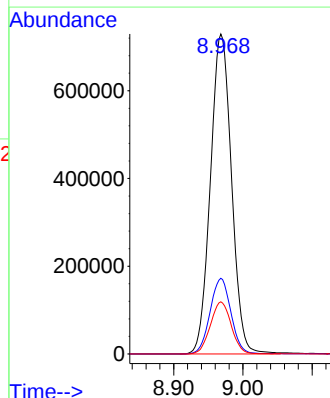
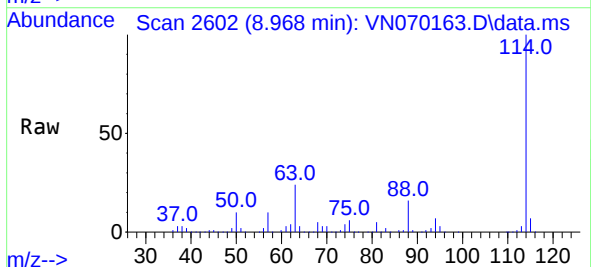
Tgt Ion:114 Resp: 1545553

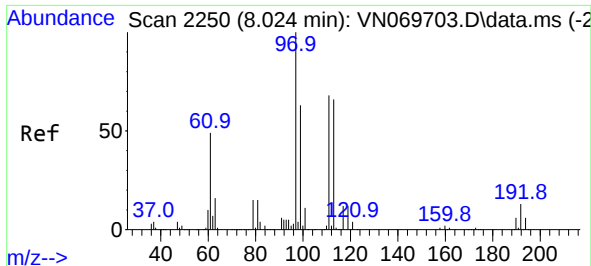
Ion Ratio Lower Upper

114 100

63 23.7 0.0 37.8

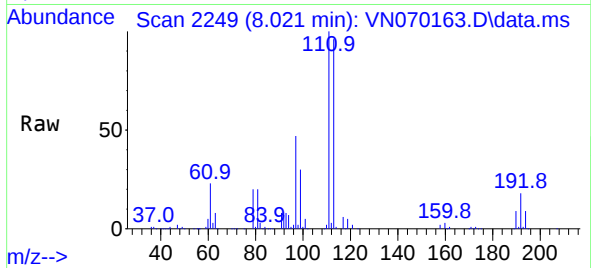
88 16.3 0.0 27.4





#35
Dibromofluoromethane
Concen: 53.16 ug/l
RT: 8.021 min Scan# 2113
Delta R.T. -0.003 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

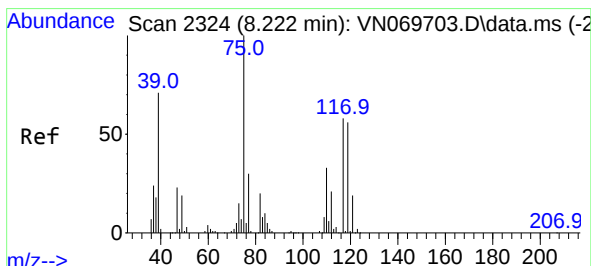
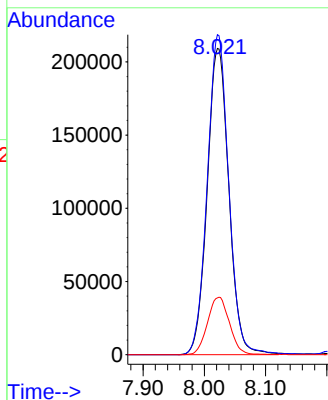
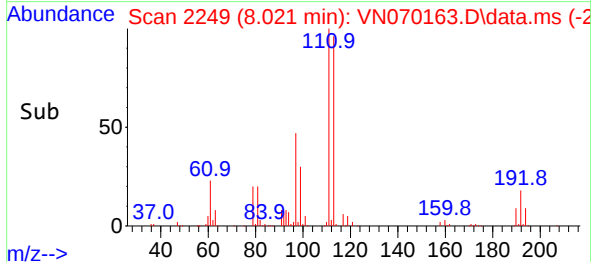
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02



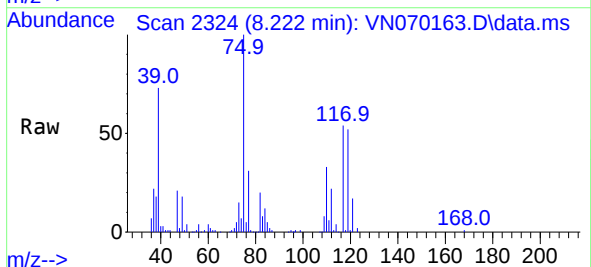
Tgt Ion: 113 Resp: 51467
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.2
192 18.9 16.9 25.3

Manual Integrations
APPROVED

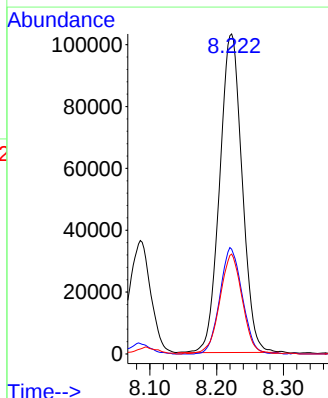
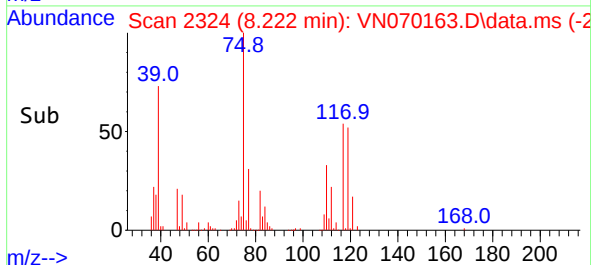
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

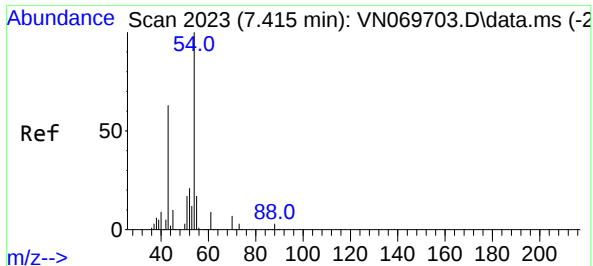


#36
1,1-Dichloropropene
Concen: 16.35 ug/l
RT: 8.222 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53



Tgt Ion: 75 Resp: 240572
Ion Ratio Lower Upper
75 100
110 33.2 18.4 55.2
77 30.8 24.4 36.6





#37
Ethyl Acetate
Concen: 17.46 ug/l
RT: 7.415 min Scan# 2023
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

Instrument :

MSVOA_N

ClientSampleId :

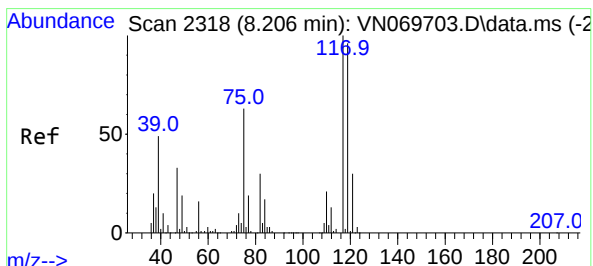
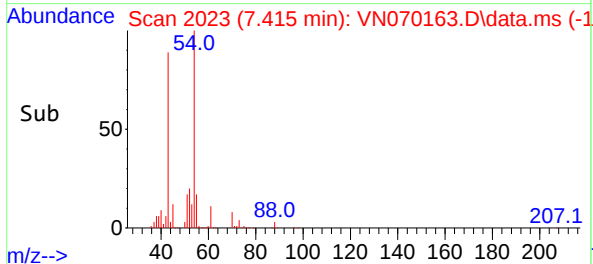
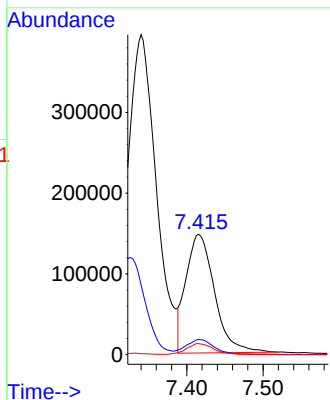
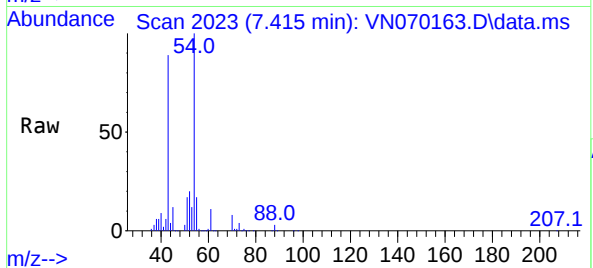
VN1217WBSD02

Tgt Ion: 43 Resp: 382380
Ion Ratio Lower Upper
43 100
61 12.0 11.5 17.3
70 8.6 7.9 11.9

Manual Integrations

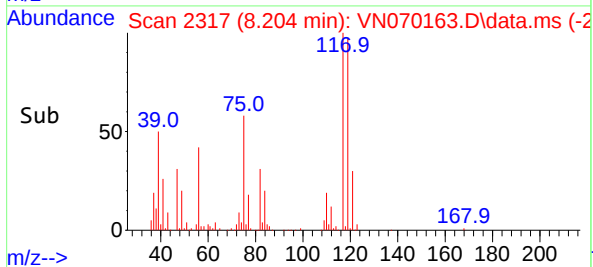
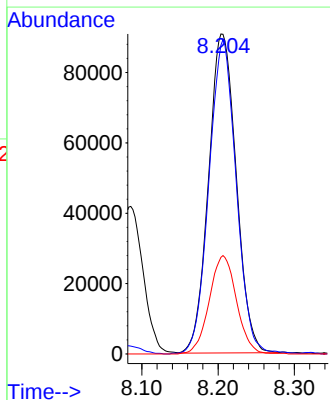
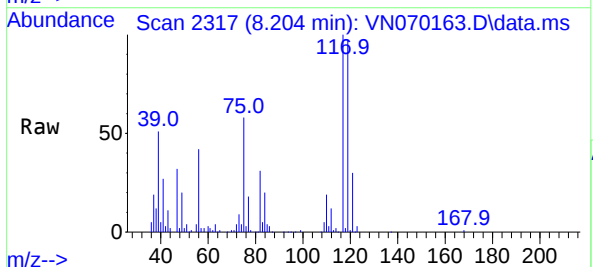
APPROVED

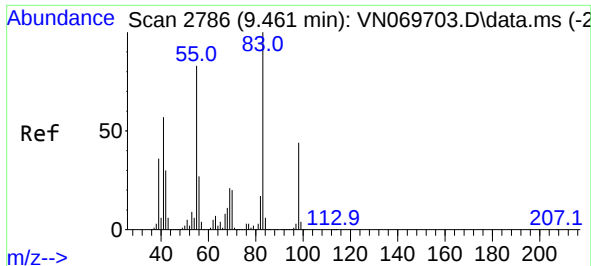
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#38
Carbon Tetrachloride
Concen: 15.83 ug/l
RT: 8.204 min Scan# 2317
Delta R.T. -0.003 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

Tgt Ion:117 Resp: 228393
Ion Ratio Lower Upper
117 100
119 96.7 76.1 114.1
121 30.3 24.2 36.2





#39

Methylcyclohexane

Concen: 16.02 ug/l

RT: 9.459 min Scan# 21

Delta R.T. -0.003 min

Lab File: VN070163.D

Acq: 17 Dec 2021 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBSD02

Tgt Ion: 83 Resp: 28037

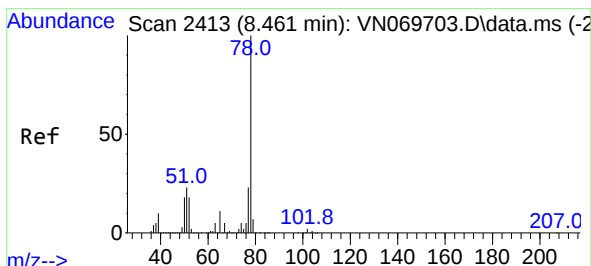
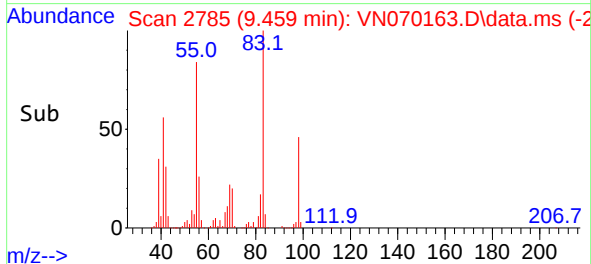
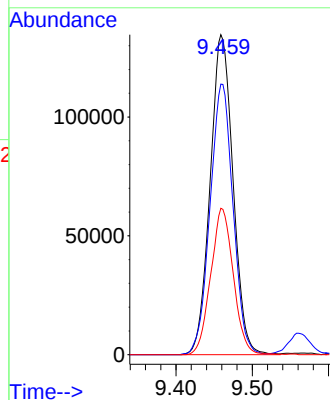
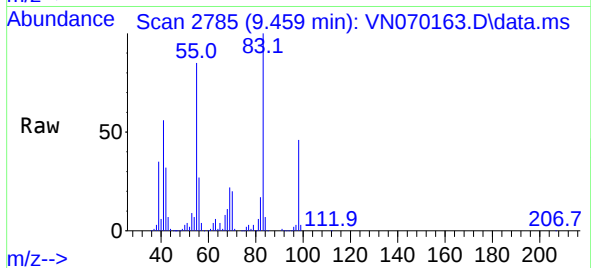
Ion	Ratio	Lower	Upper
83	100		
55	84.6	58.1	87.1
98	45.7	38.4	57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/18/2021

Supervised By :Mahesh Dadoda 12/23/2021



#40

Benzene

Concen: 17.19 ug/l

RT: 8.458 min Scan# 2412

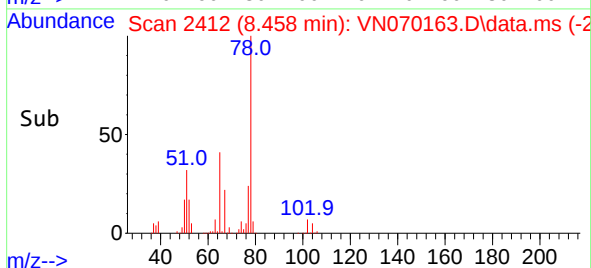
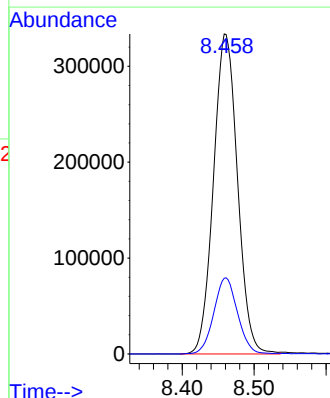
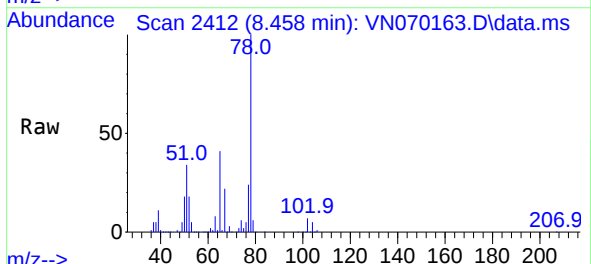
Delta R.T. -0.003 min

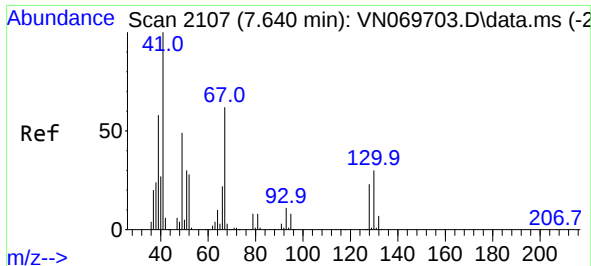
Lab File: VN070163.D

Acq: 17 Dec 2021 14:53

Tgt Ion: 78 Resp: 772989

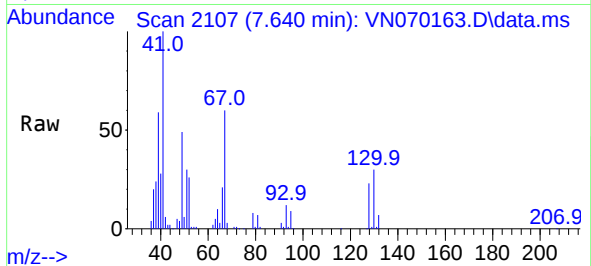
Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.6	27.8





#41
Methacrylonitrile
Concen: 19.71 ug/l
RT: 7.640 min Scan# 2107
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

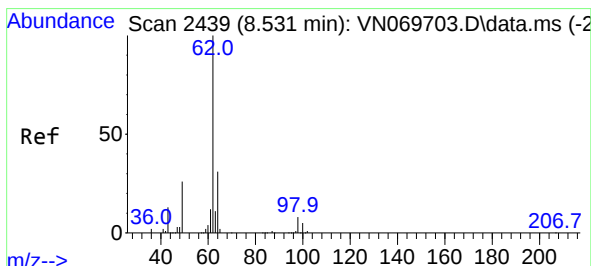
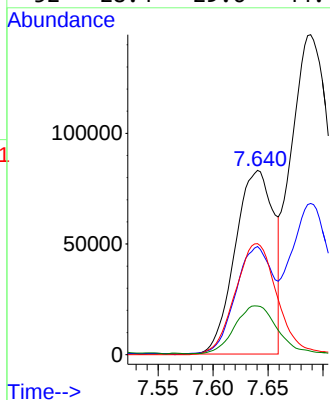
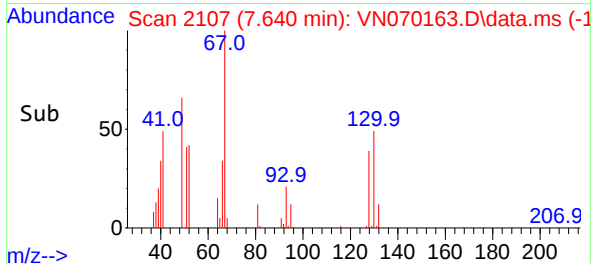
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02



Tgt Ion: 41 Resp: 202623
Ion Ratio Lower Upper
41 100
39 57.5 48.1 72.1
67 66.3 68.3 102.5
52 28.4 29.6 44.4#

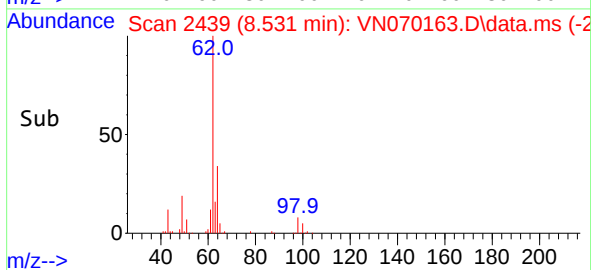
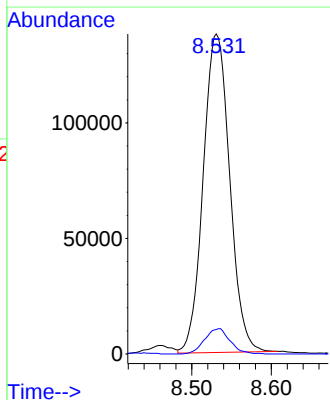
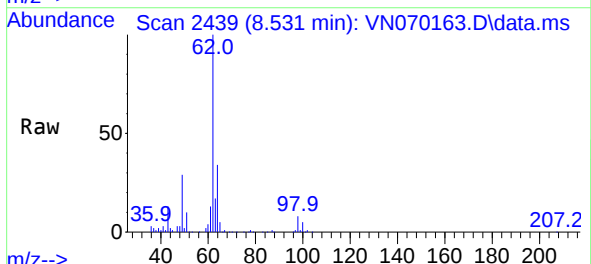
Manual Integrations
APPROVED

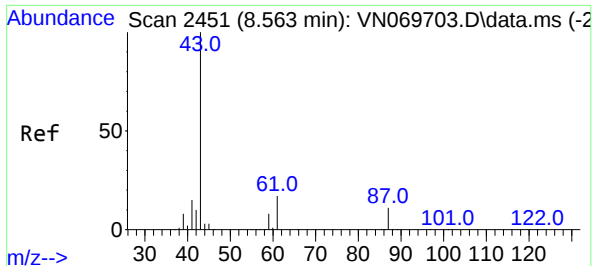
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#42
1,2-Dichloroethane
Concen: 17.59 ug/l
RT: 8.531 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

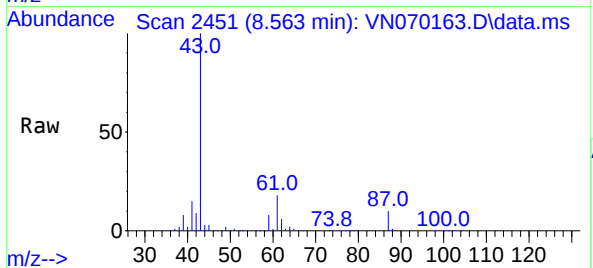
Tgt Ion: 62 Resp: 319387
Ion Ratio Lower Upper
62 100
98 7.6 0.0 17.6





#43
Isopropyl Acetate
Concen: 18.37 ug/l
RT: 8.563 min Scan# 2451
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

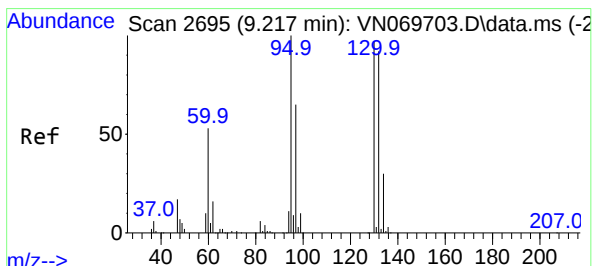
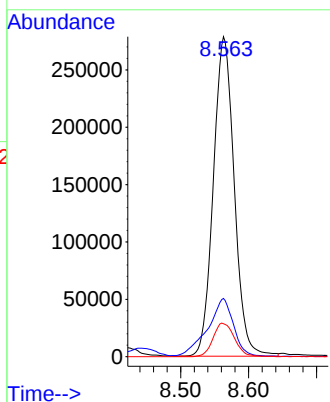
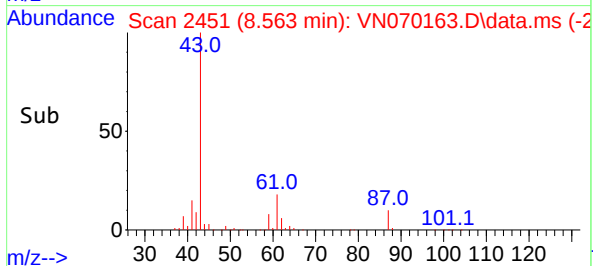
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02



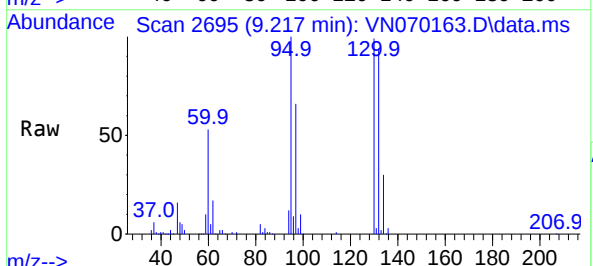
Tgt Ion: 43 Resp: 595380
Ion Ratio Lower Upper
43 100
61 22.3 20.4 30.6
87 10.8 11.2 16.8

Manual Integrations
APPROVED

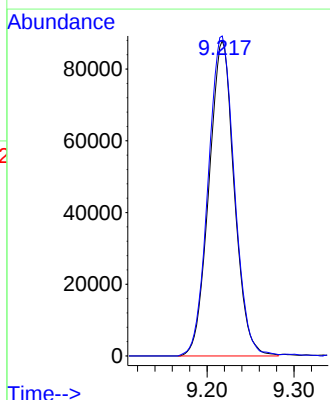
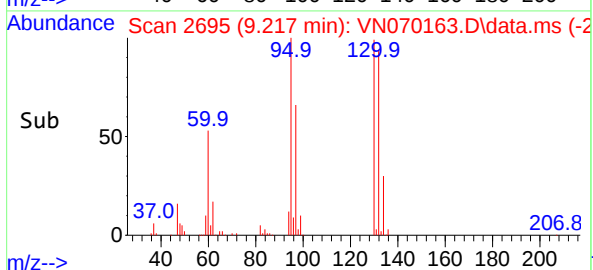
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

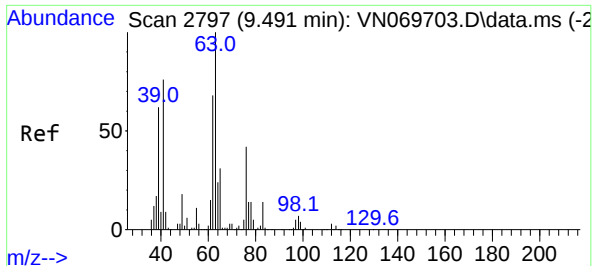


#44
Trichloroethene
Concen: 16.54 ug/l
RT: 9.217 min Scan# 2695
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53



Tgt Ion:130 Resp: 177518
Ion Ratio Lower Upper
130 100
95 101.5 0.0 191.2





#45

1,2-Dichloropropane

Concen: 17.74 ug/l

RT: 9.491 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN070163.D

Acq: 17 Dec 2021 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBSD02

Tgt Ion: 63 Resp: 214224

Ion Ratio Lower Upper

63 100

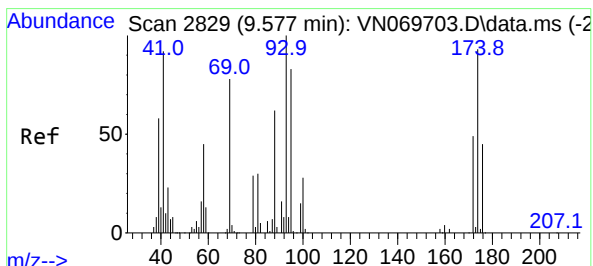
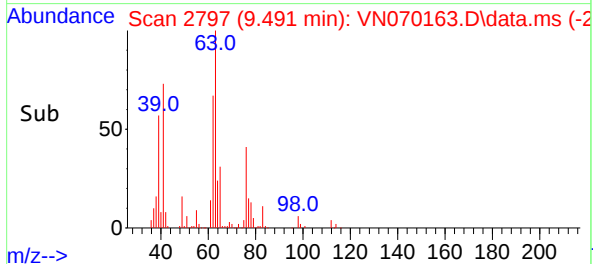
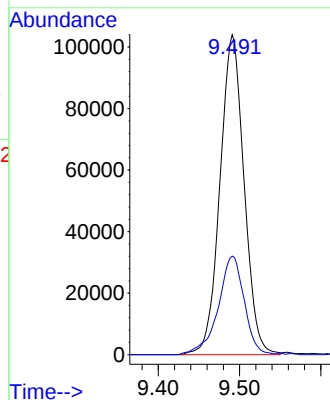
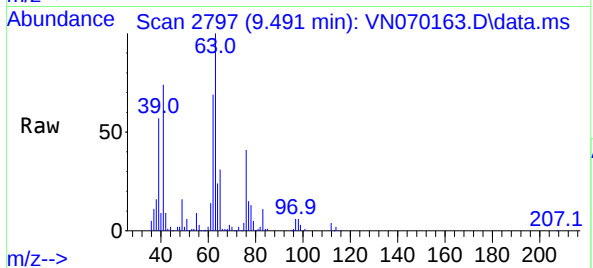
65 30.6 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/18/2021

Supervised By :Mahesh Dadoda 12/23/2021



#46

Dibromomethane

Concen: 17.46 ug/l

RT: 9.577 min Scan# 2829

Delta R.T. 0.000 min

Lab File: VN070163.D

Acq: 17 Dec 2021 14:53

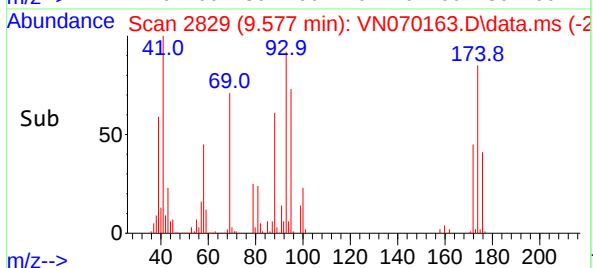
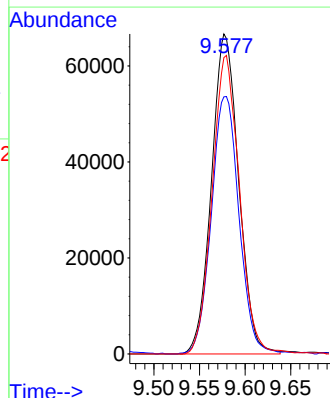
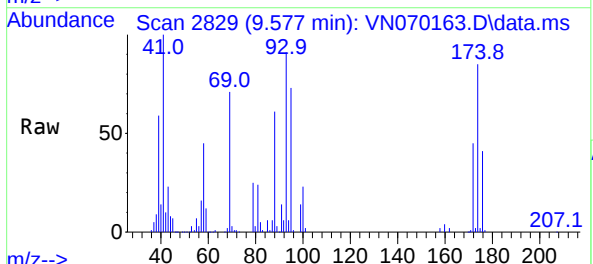
Tgt Ion: 93 Resp: 138270

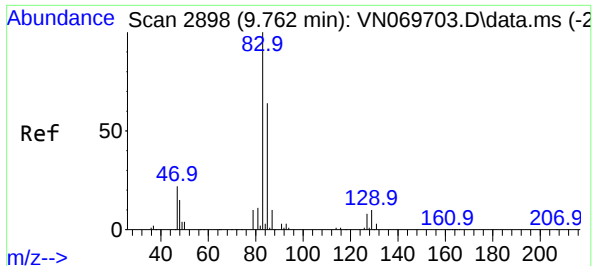
Ion Ratio Lower Upper

93 100

95 82.2 65.9 98.9

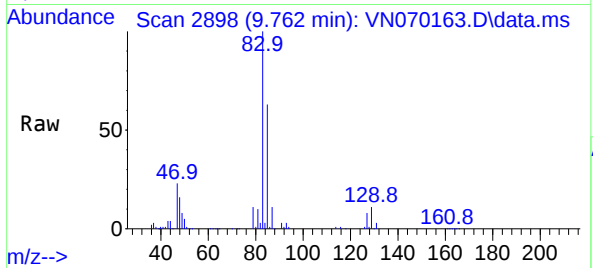
174 93.6 84.6 127.0





#47
Bromodichloromethane
Concen: 17.67 ug/l
RT: 9.762 min Scan# 2898
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

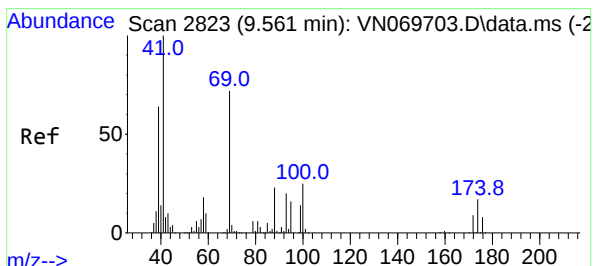
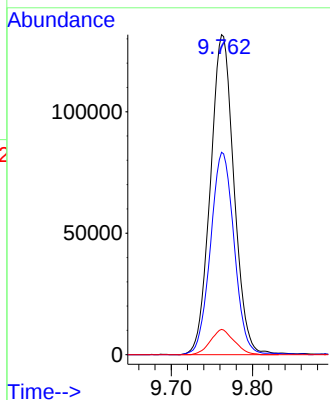
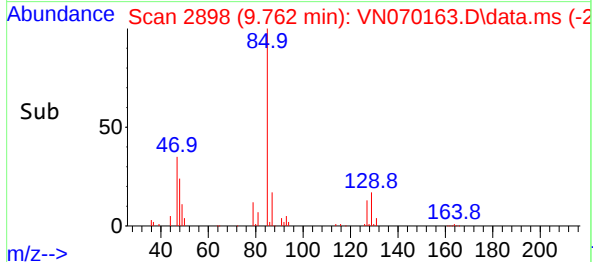
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02



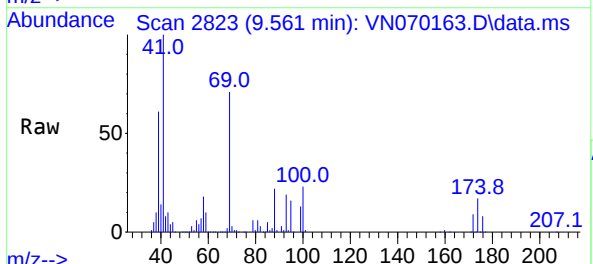
Tgt Ion: 83 Resp: 265020
Ion Ratio Lower Upper
83 100
85 63.2 50.9 76.3
127 7.9 7.1 10.7

Manual Integrations
APPROVED

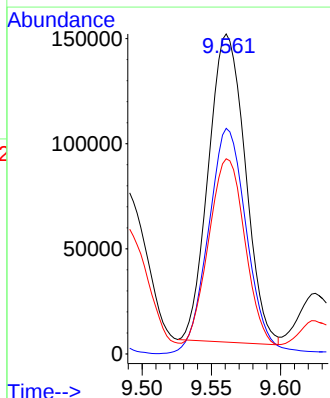
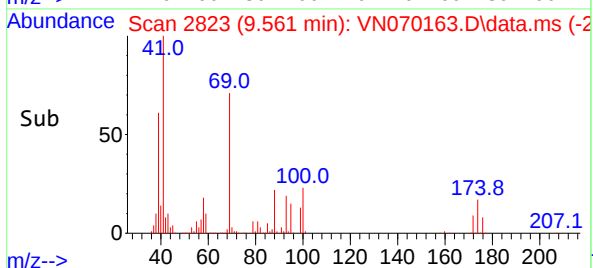
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

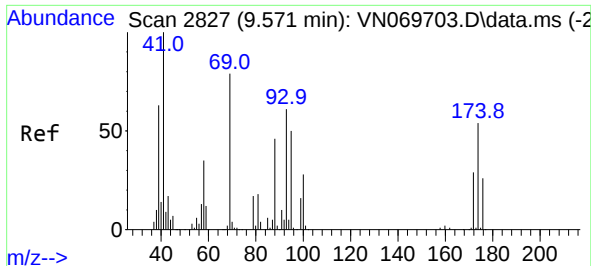


#48
Methyl methacrylate
Concen: 17.93 ug/l
RT: 9.561 min Scan# 2823
Delta R.T. -0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53



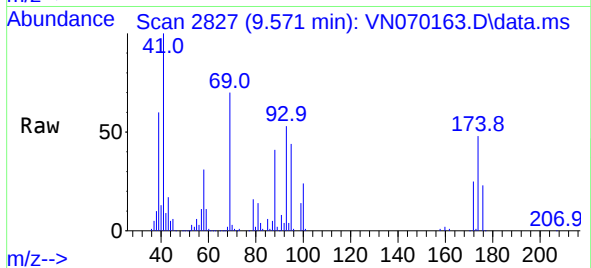
Tgt Ion: 41 Resp: 271088
Ion Ratio Lower Upper
41 100
69 76.9 72.4 108.6
39 59.9 58.4 87.6





#49
1,4-Dioxane
Concen: 370.67 ug/l
RT: 9.571 min Scan# 2827
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

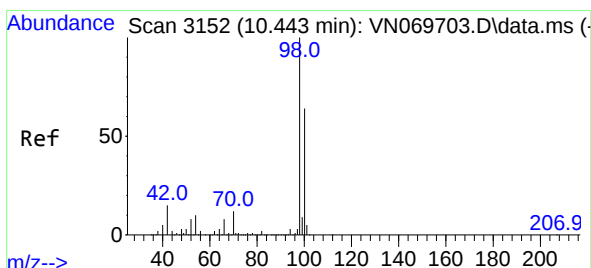
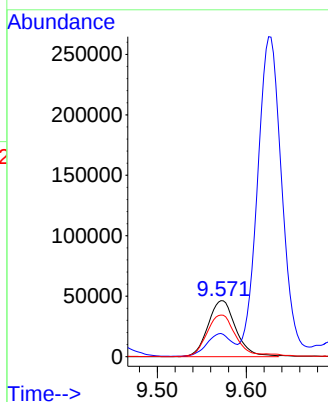
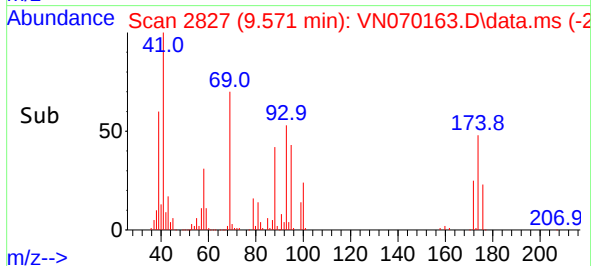
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02



Tgt Ion: 88 Resp: 100585
Ion Ratio Lower Upper
88 100
43 36.5 23.4 35.2
58 76.7 50.6 75.8

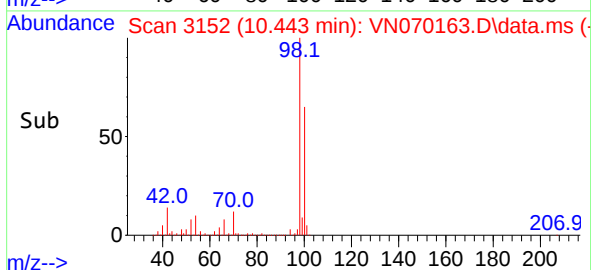
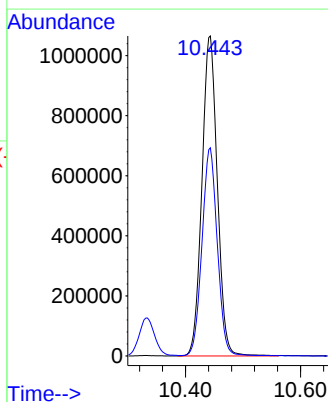
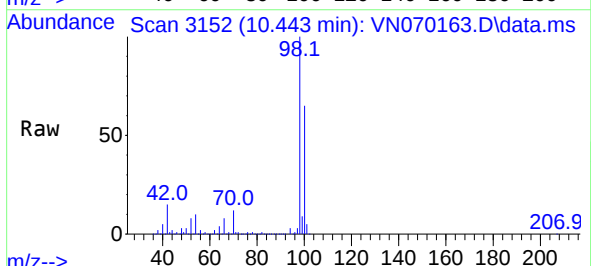
Manual Integrations
APPROVED

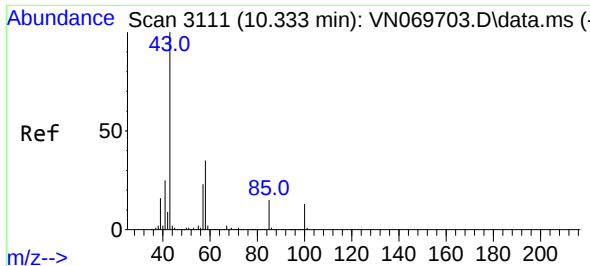
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#50
Toluene-d8
Concen: 51.03 ug/l
RT: 10.443 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

Tgt Ion: 98 Resp: 1983493
Ion Ratio Lower Upper
98 100
100 64.2 50.4 75.6





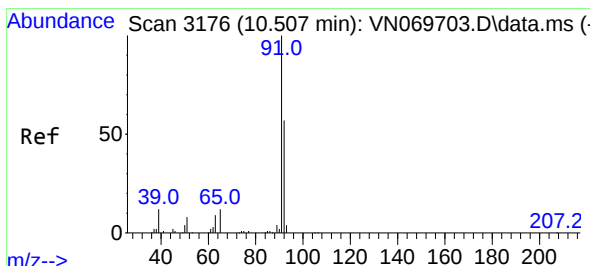
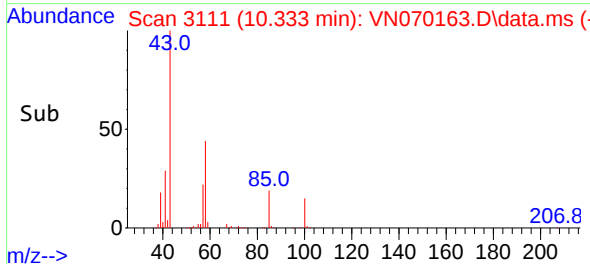
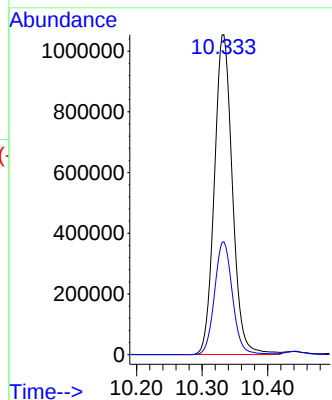
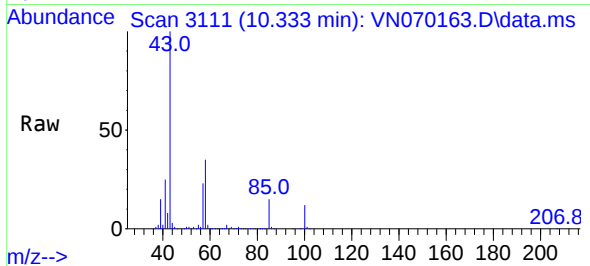
#51
4-Methyl-2-Pentanone
Concen: 95.78 ug/l
RT: 10.333 min Scan# 3111
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02

Tgt Ion: 43 Resp: 201359
Ion Ratio Lower Upper
43 100
58 35.1 30.4 45.6

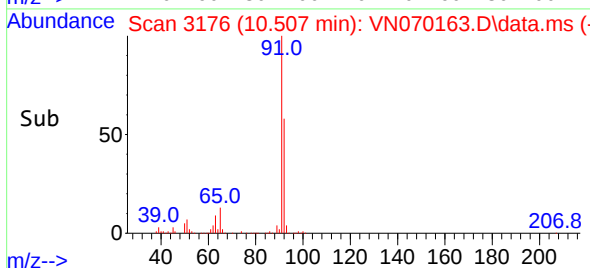
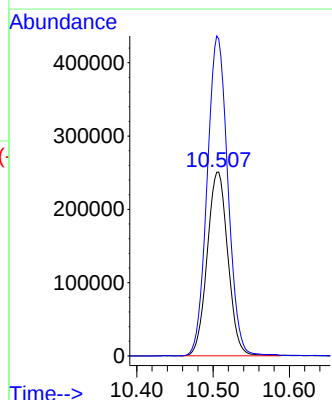
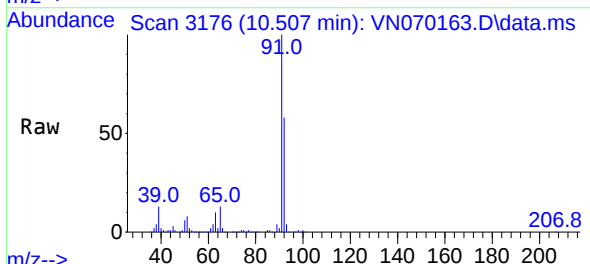
Manual Integrations
APPROVED

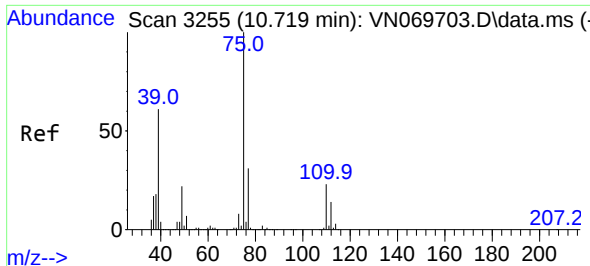
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#52
Toluene
Concen: 17.21 ug/l
RT: 10.507 min Scan# 3176
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

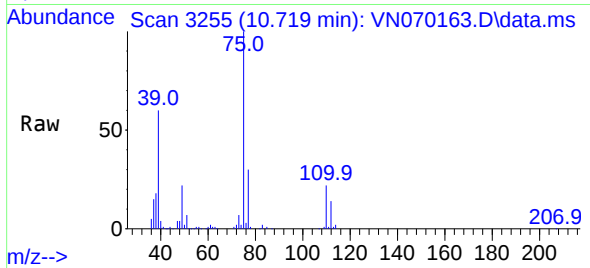
Tgt Ion: 92 Resp: 472524
Ion Ratio Lower Upper
92 100
91 173.8 142.0 213.0





#53
 t-1,3-Dichloropropene
 Concen: 17.44 ug/l
 RT: 10.719 min Scan# 31
 Delta R.T. 0.000 min
 Lab File: VN070163.D
 Acq: 17 Dec 2021 14:53

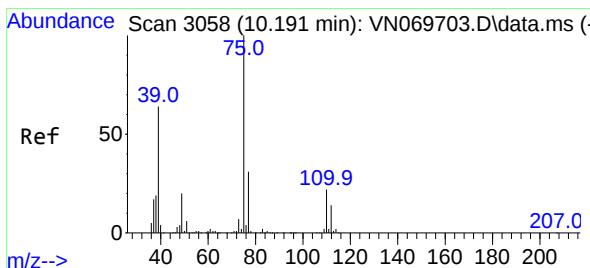
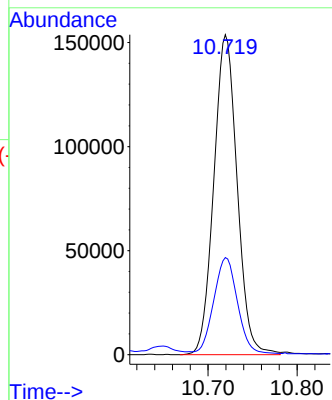
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBSD02



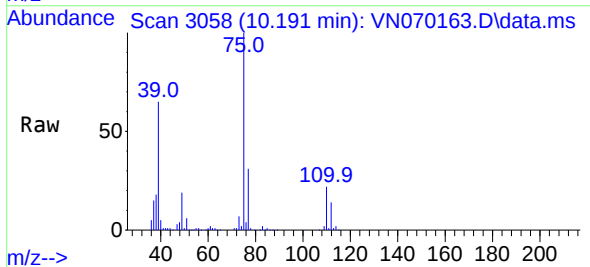
Tgt Ion: 75 Resp: 27976
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.6 38.4

Manual Integrations
 APPROVED

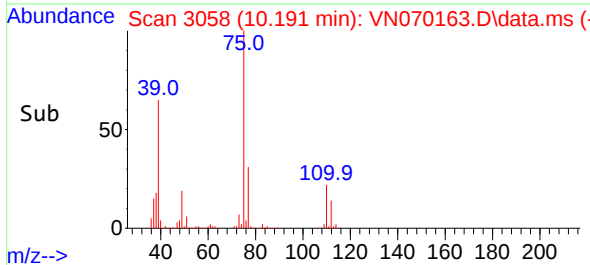
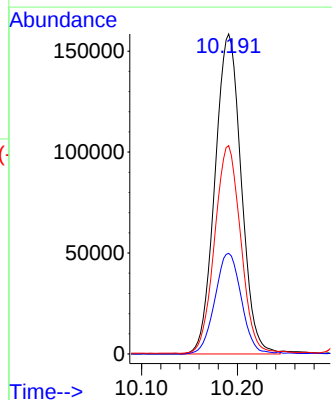
Reviewed By :John Carlone 12/18/2021
 Supervised By :Mahesh Dadoda 12/23/2021

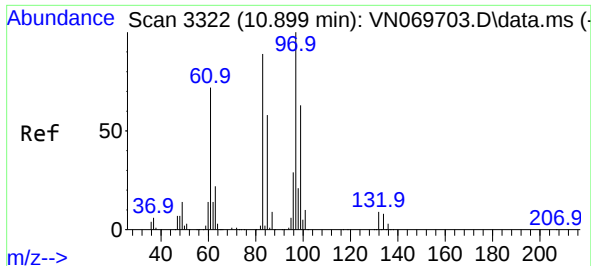


#54
 cis-1,3-Dichloropropene
 Concen: 17.29 ug/l
 RT: 10.191 min Scan# 3058
 Delta R.T. -0.000 min
 Lab File: VN070163.D
 Acq: 17 Dec 2021 14:53



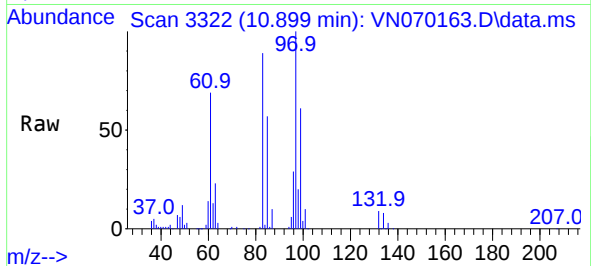
Tgt Ion: 75 Resp: 301533
 Ion Ratio Lower Upper
 75 100
 77 31.4 26.4 39.6
 39 64.9 42.5 63.7#





#55
1,1,2-Trichloroethane
Concen: 17.79 ug/l
RT: 10.899 min Scan# 3322
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

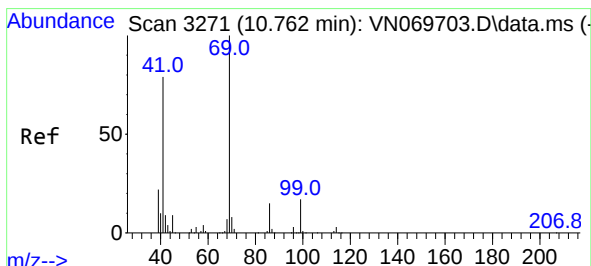
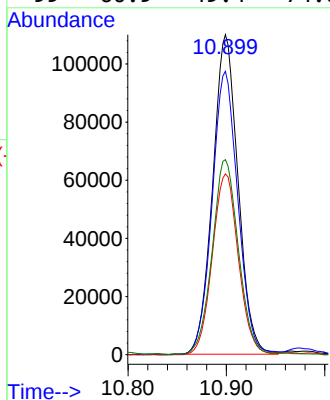
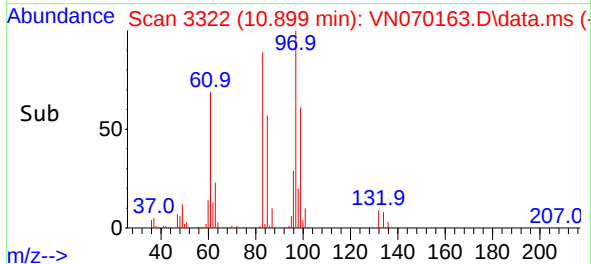
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02



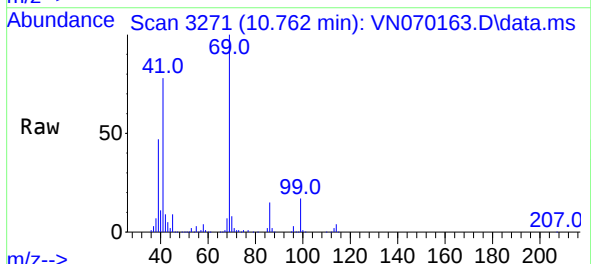
Tgt Ion: 97 Resp: 197020
Ion Ratio Lower Upper
97 100
83 88.5 67.8 101.6
85 56.6 45.4 68.2
99 60.9 49.4 74.0

Manual Integrations
APPROVED

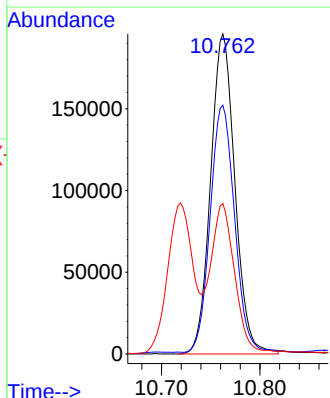
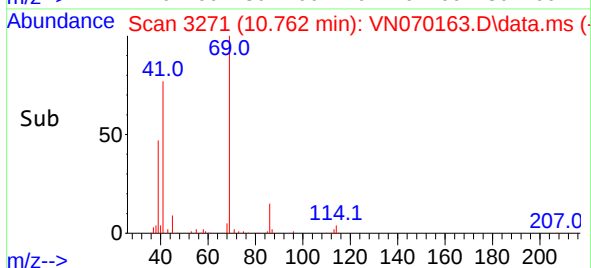
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

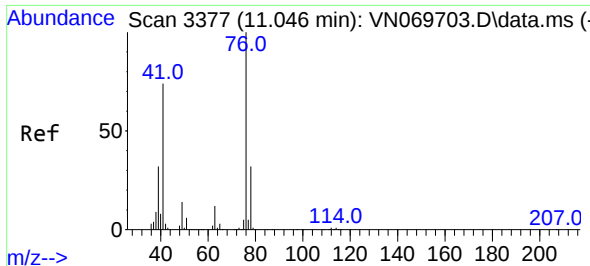


#56
Ethyl methacrylate
Concen: 17.62 ug/l
RT: 10.762 min Scan# 3271
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53



Tgt Ion: 69 Resp: 336088
Ion Ratio Lower Upper
69 100
41 77.7 51.4 77.0#
39 44.2 34.6 52.0





#57

1,3-Dichloropropane

Concen: 18.15 ug/l

RT: 11.046 min Scan# 3377

Delta R.T. 0.000 min

Lab File: VN070163.D

Acq: 17 Dec 2021 14:53

Instrument :

MSVOA_N

ClientSampleId :

VN1217WBSD02

Tgt Ion: 76 Resp: 354050

Ion Ratio Lower Upper

76 100

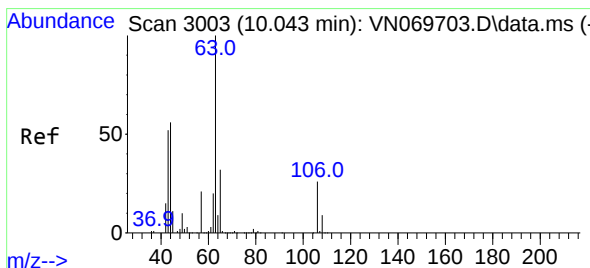
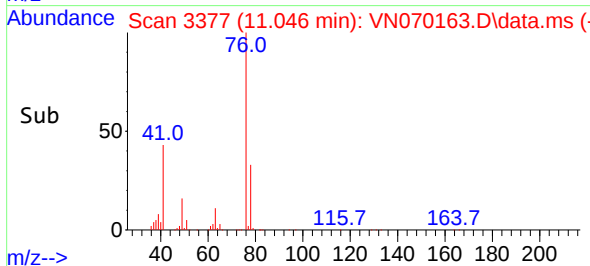
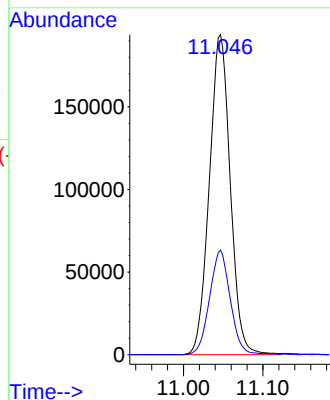
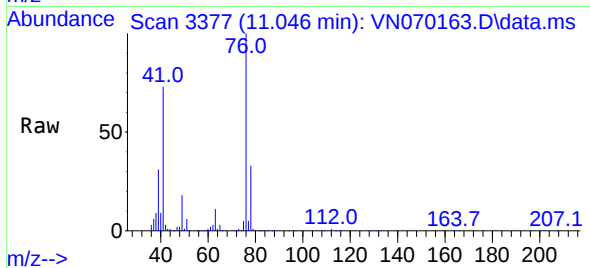
78 32.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 12/18/2021

Supervised By :Mahesh Dadoda 12/23/2021



#58

2-Chloroethyl Vinyl ether

Concen: 135.36 ug/l

RT: 10.043 min Scan# 3003

Delta R.T. 0.000 min

Lab File: VN070163.D

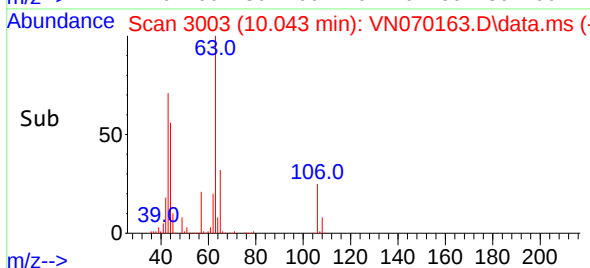
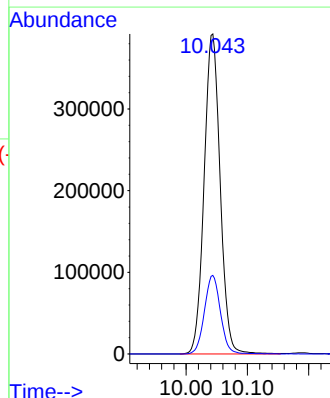
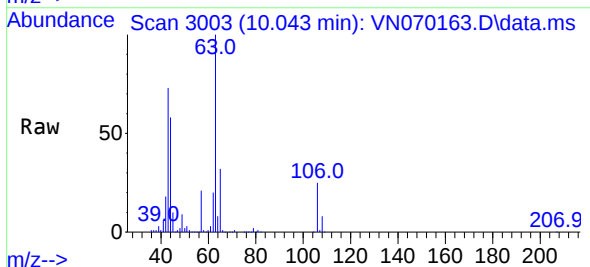
Acq: 17 Dec 2021 14:53

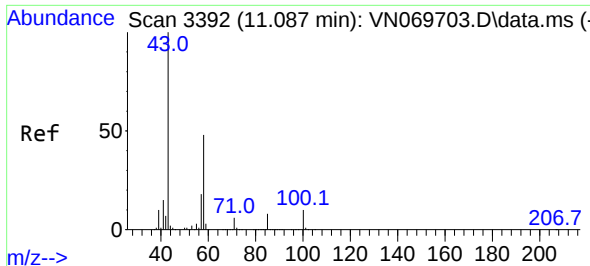
Tgt Ion: 63 Resp: 712714

Ion Ratio Lower Upper

63 100

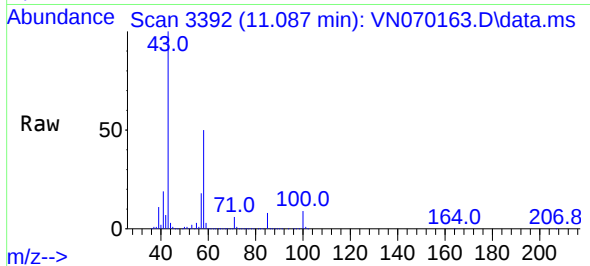
106 24.5 23.9 35.9





#59
2-Hexanone
Concen: 92.70 ug/l
RT: 11.087 min Scan# 3392
Delta R.T. -0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

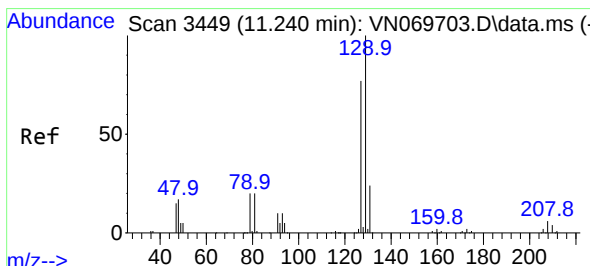
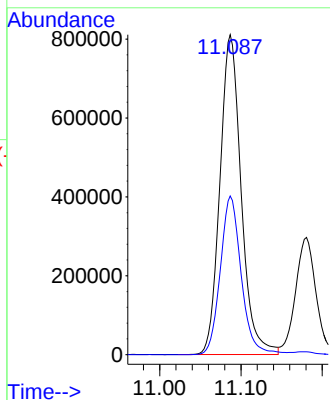
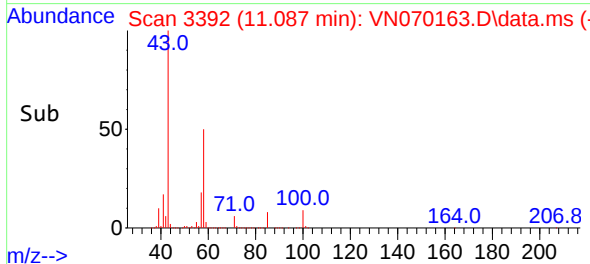
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02



Tgt Ion: 43 Resp: 1474210
Ion Ratio Lower Upper
43 100
58 48.9 26.9 80.7

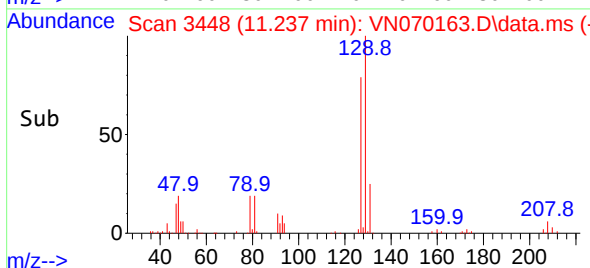
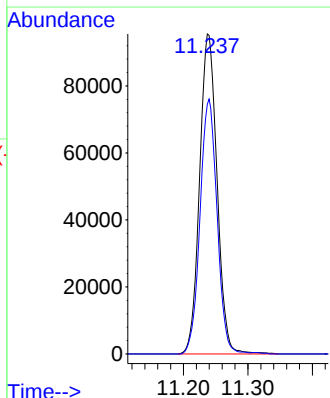
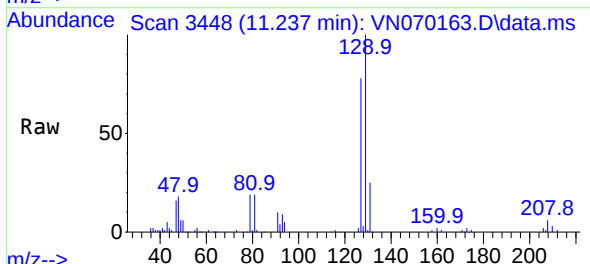
Manual Integrations
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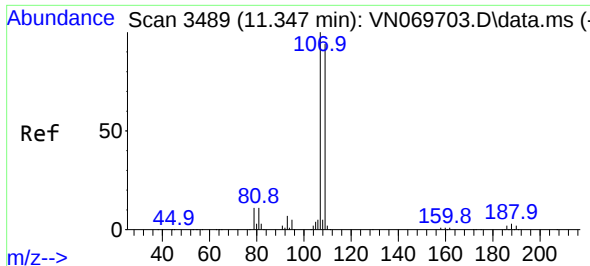
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#60
Dibromochloromethane
Concen: 16.77 ug/l
RT: 11.237 min Scan# 3448
Delta R.T. -0.003 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

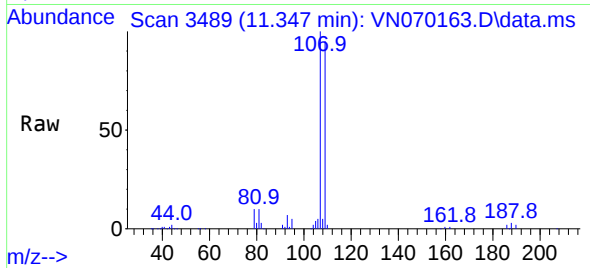
Tgt Ion:129 Resp: 179432
Ion Ratio Lower Upper
129 100
127 77.8 38.6 116.0





#61
1,2-Dibromoethane
Concen: 17.06 ug/l
RT: 11.347 min Scan# 3489
Delta R.T. -0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

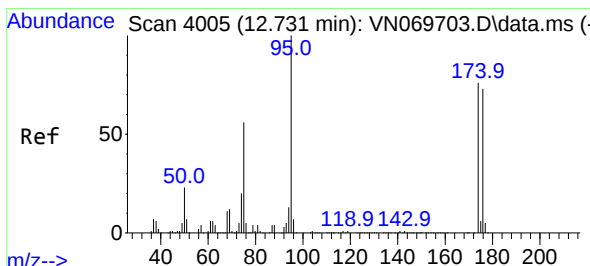
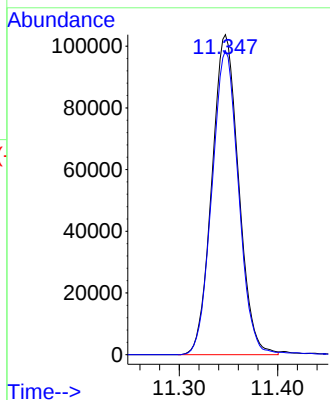
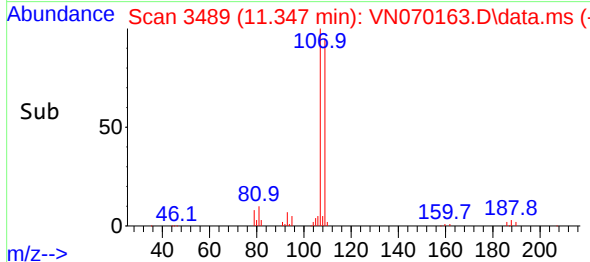
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02



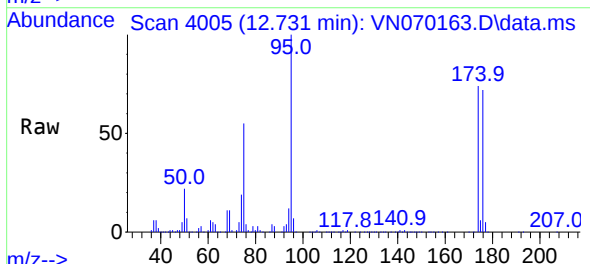
Tgt Ion:107 Resp: 195780
Ion Ratio Lower Upper
107 100
109 94.4 75.7 113.5

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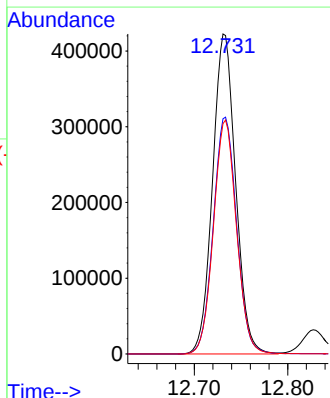
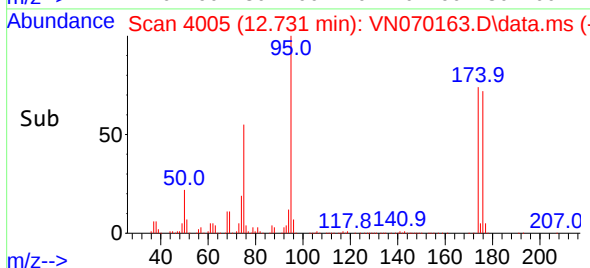
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

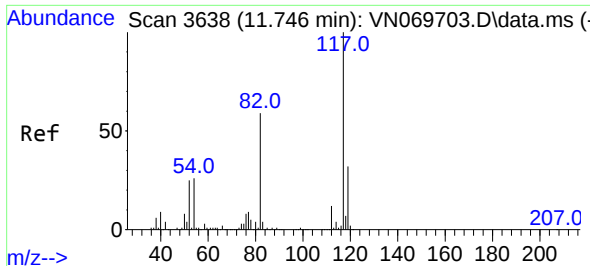


#62
4-Bromofluorobenzene
Concen: 51.44 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. -0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53



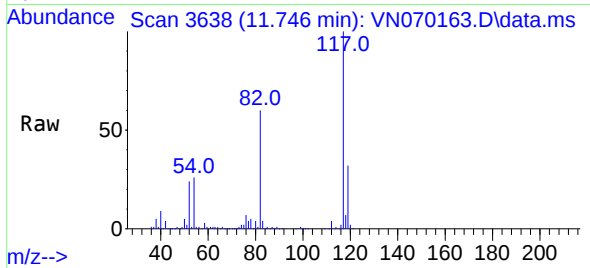
Tgt Ion: 95 Resp: 724379
Ion Ratio Lower Upper
95 100
174 75.1 0.0 187.2
176 73.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.746 min Scan# 3638
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

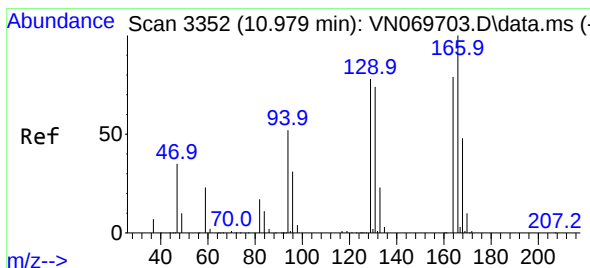
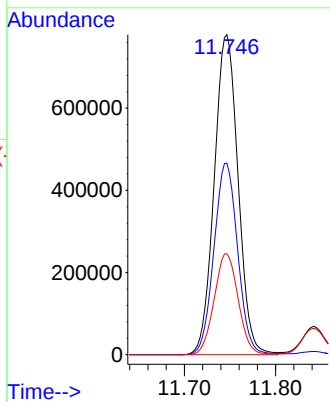
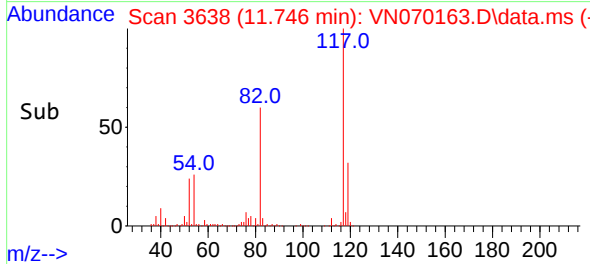
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02



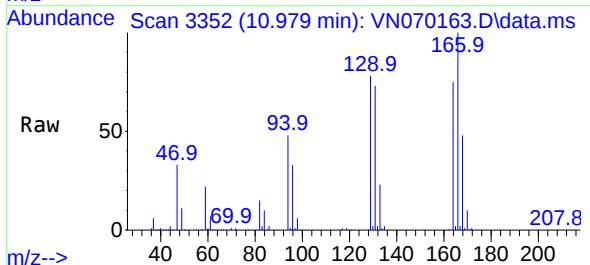
Tgt Ion:117 Resp: 1415419
Ion Ratio Lower Upper
117 100
82 59.8 42.4 63.6
119 31.6 25.4 38.2

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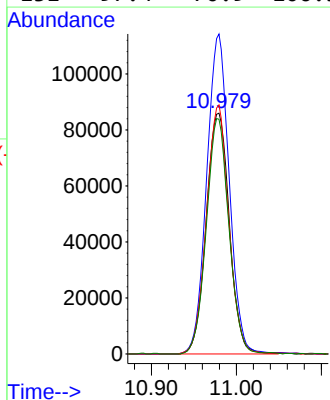
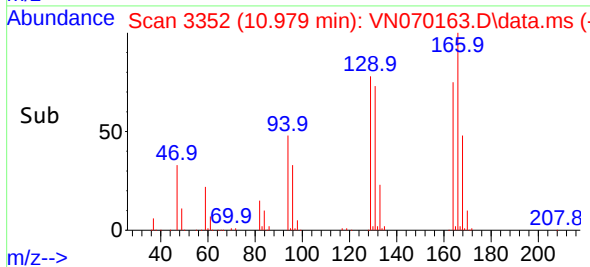
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

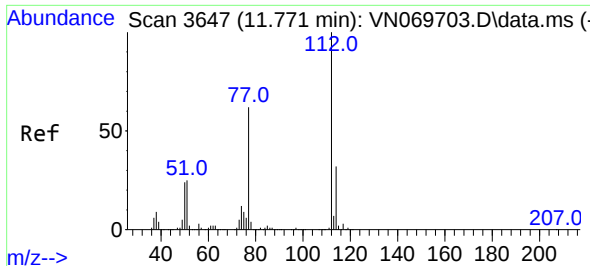


#64
Tetrachloroethene
Concen: 16.97 ug/l
RT: 10.979 min Scan# 3352
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53



Tgt Ion:164 Resp: 162911
Ion Ratio Lower Upper
164 100
166 132.9 101.9 152.9
129 103.4 72.0 108.0
131 97.4 70.9 106.3





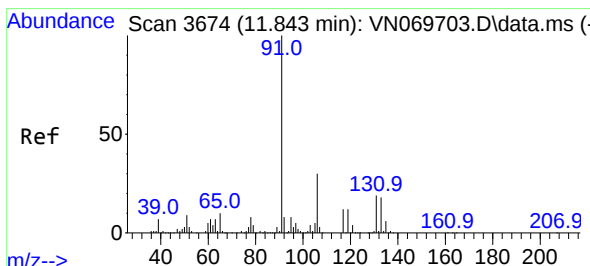
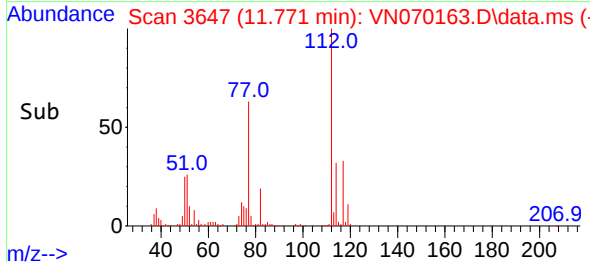
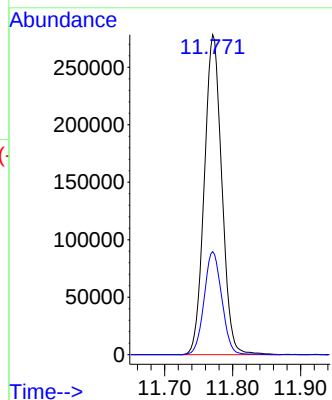
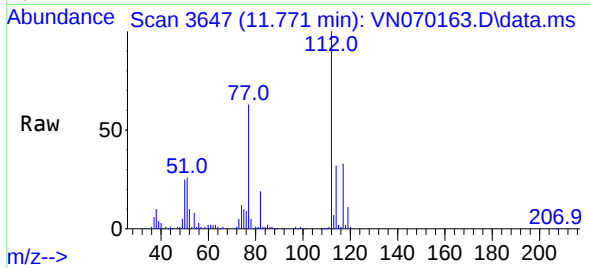
#65
Chlorobenzene
Concen: 17.34 ug/l
RT: 11.771 min Scan# 3647
Delta R.T. -0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02

Tgt Ion:112 Resp: 49805
Ion Ratio Lower Upper
112 100
114 32.2 25.4 38.0

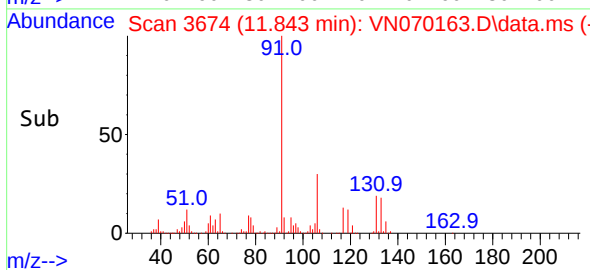
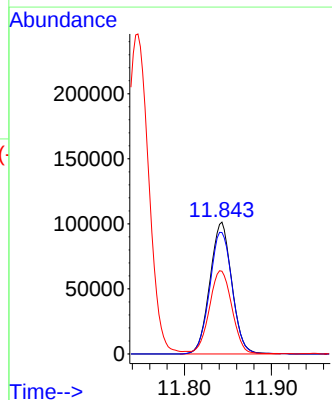
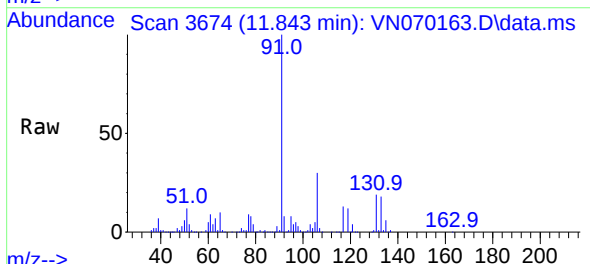
Manual Integrations
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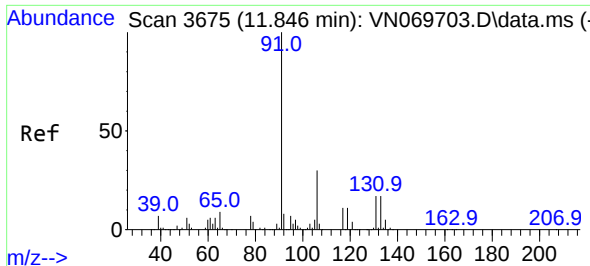
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 17.53 ug/l
RT: 11.843 min Scan# 3674
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

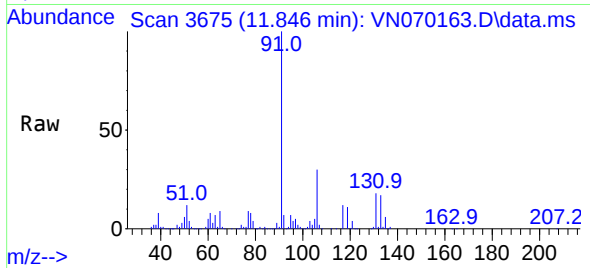
Tgt Ion:131 Resp: 177145
Ion Ratio Lower Upper
131 100
133 95.0 47.9 143.7
119 64.5 32.1 96.5





#67
Ethyl Benzene
Concen: 17.55 ug/l
RT: 11.846 min Scan# 30
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

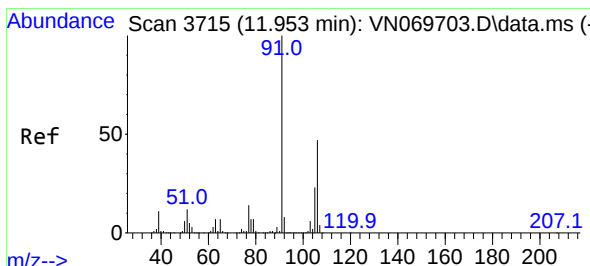
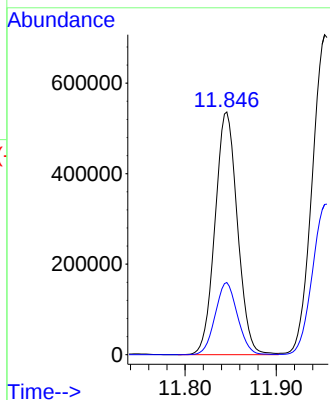
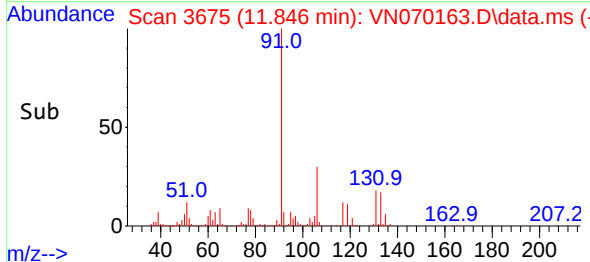
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02



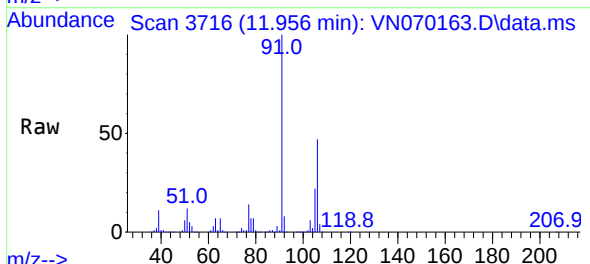
Tgt Ion: 91 Resp: 915250
Ion Ratio Lower Upper
91 100
106 29.8 25.7 38.5

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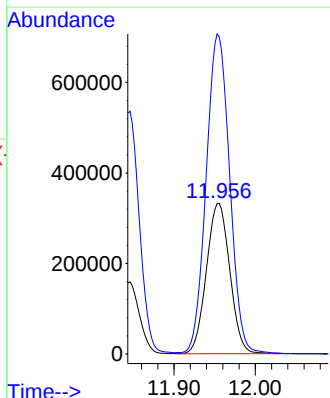
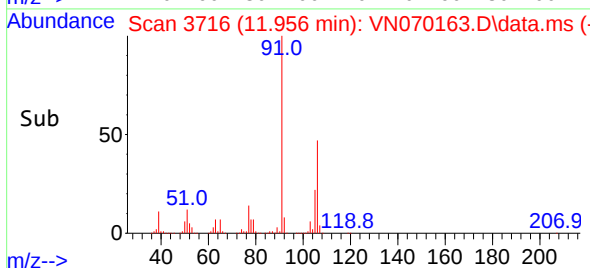
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

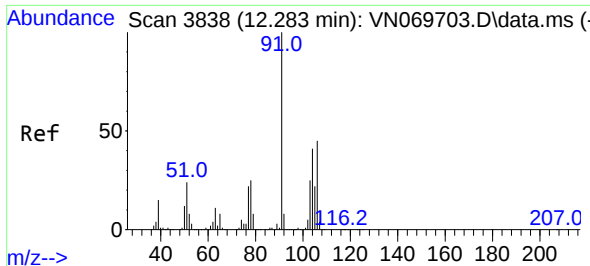


#68
m/p-Xylenes
Concen: 34.99 ug/l
RT: 11.956 min Scan# 3716
Delta R.T. 0.003 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53



Tgt Ion:106 Resp: 664588
Ion Ratio Lower Upper
106 100
91 213.7 160.6 240.8





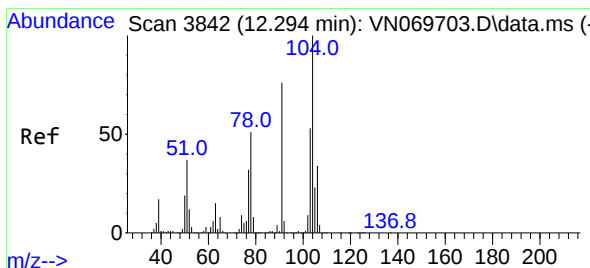
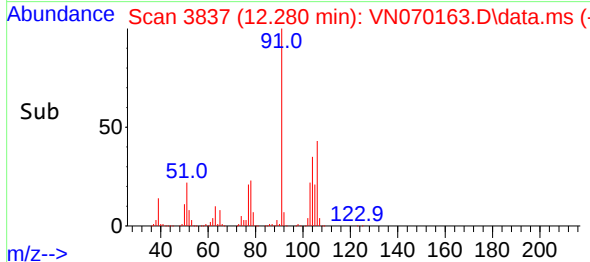
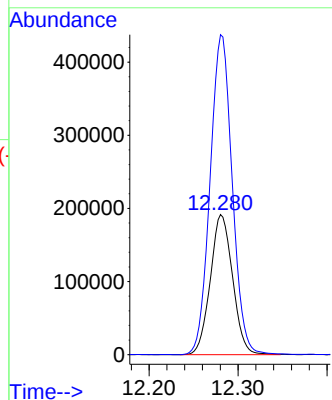
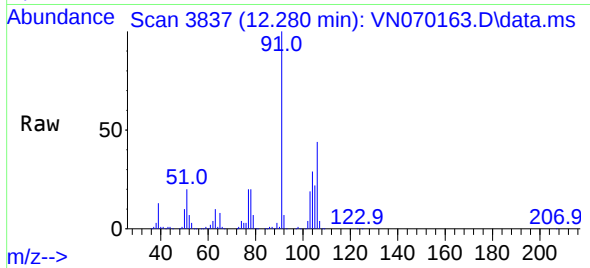
#69
o-Xylene
Concen: 17.44 ug/l
RT: 12.280 min Scan# 3837
Delta R.T. -0.003 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02

Tgt Ion:106 Resp: 333564
Ion Ratio Lower Upper
106 100
91 227.0 105.8 317.3

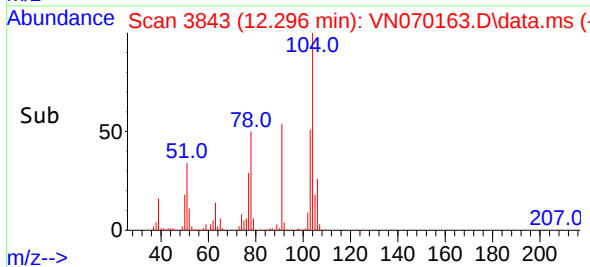
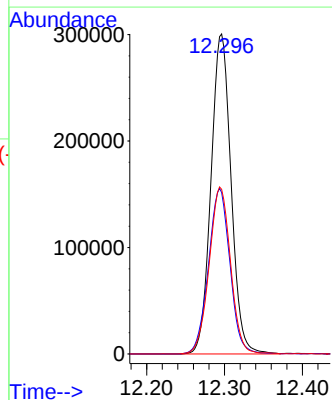
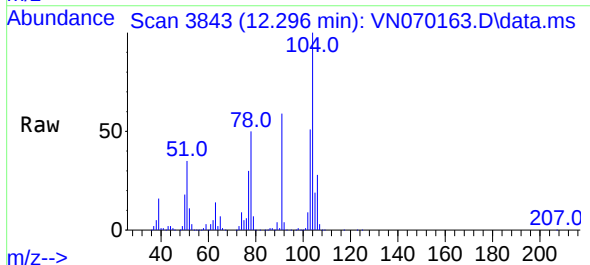
Manual Integrations
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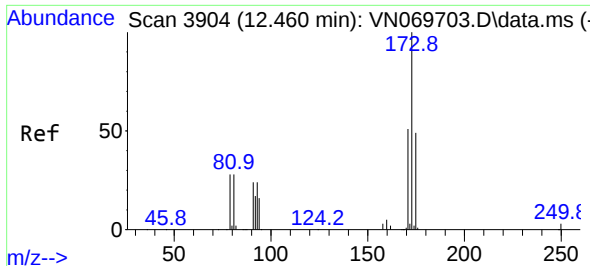
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#70
Styrene
Concen: 17.74 ug/l
RT: 12.296 min Scan# 3843
Delta R.T. 0.002 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

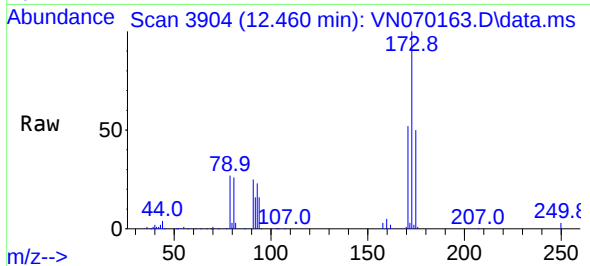
Tgt Ion:104 Resp: 538102
Ion Ratio Lower Upper
104 100
78 55.4 38.7 58.1
103 55.4 45.0 67.6





#71
Bromoform
Concen: 16.69 ug/l
RT: 12.460 min Scan# 3904
Delta R.T. -0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

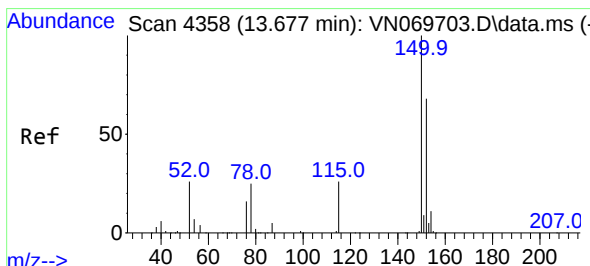
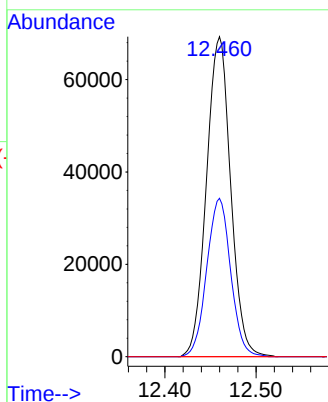
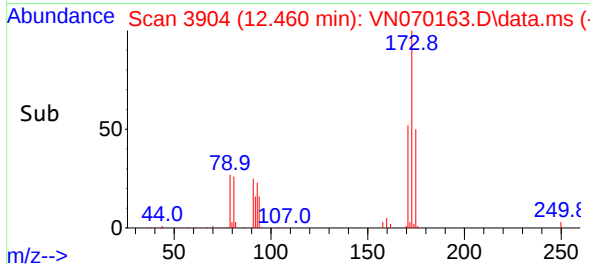
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02



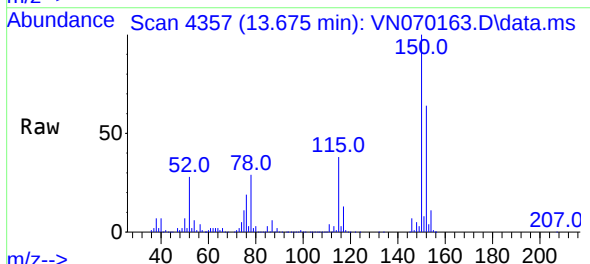
Tgt Ion:173 Resp: 127620
Ion Ratio Lower Upper
173 100
175 49.0 24.2 72.6
254 0.0 0.0 0.0

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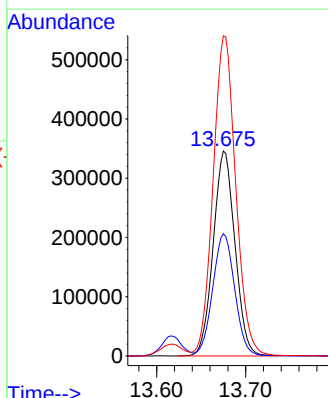
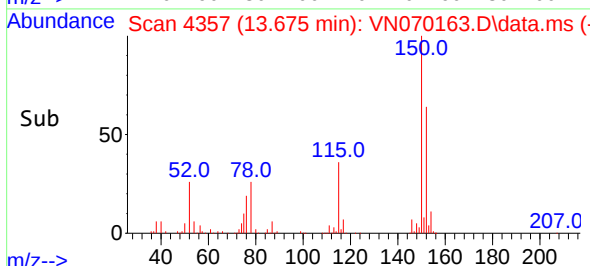
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

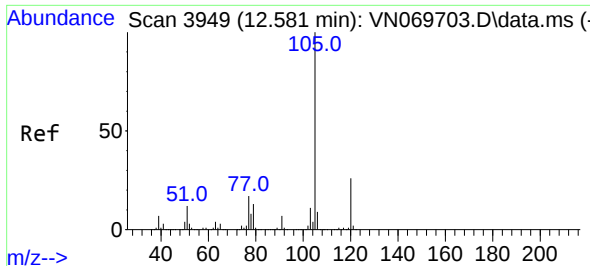


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.675 min Scan# 4357
Delta R.T. -0.003 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53



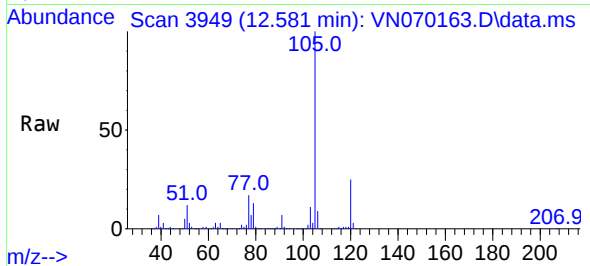
Tgt Ion:152 Resp: 587393
Ion Ratio Lower Upper
152 100
115 60.3 27.5 82.5
150 163.1 0.0 344.4





#73
Isopropylbenzene
Concen: 16.73 ug/l
RT: 12.581 min Scan# 3949
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

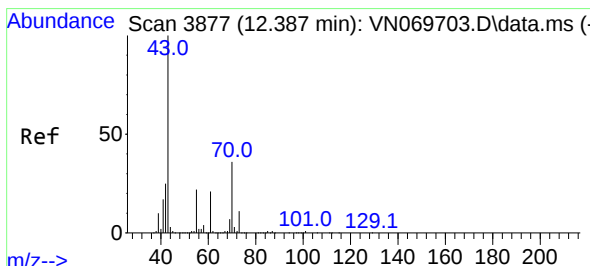
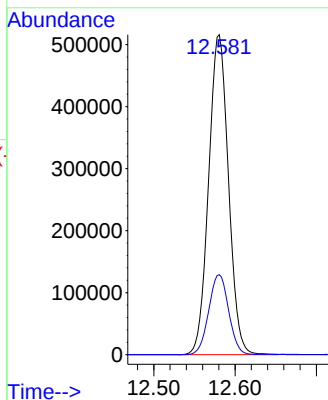
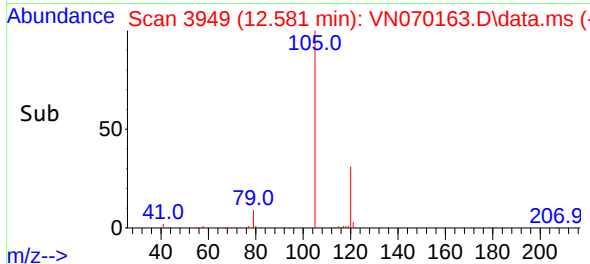
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02



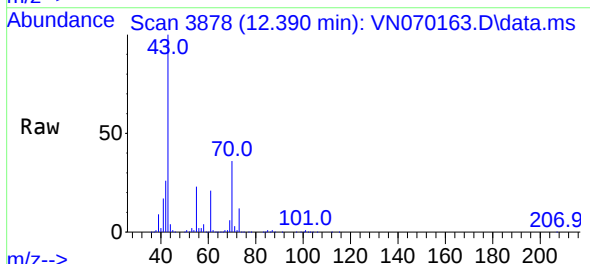
Tgt Ion:105 Resp: 874392
Ion Ratio Lower Upper
105 100
120 25.1 13.4 40.1

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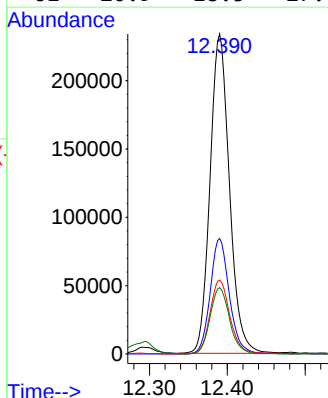
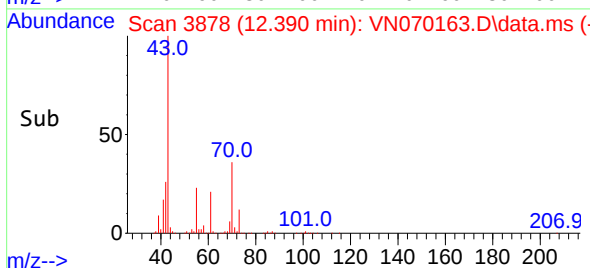
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

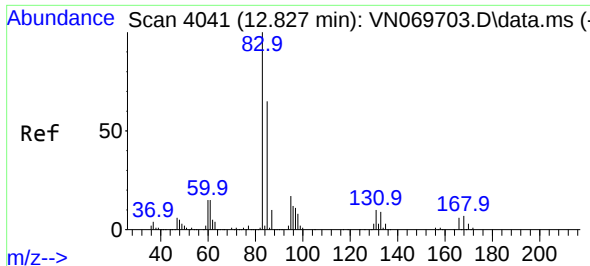


#74
N-ethyl acetate
Concen: 17.48 ug/l
RT: 12.390 min Scan# 3878
Delta R.T. 0.003 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53



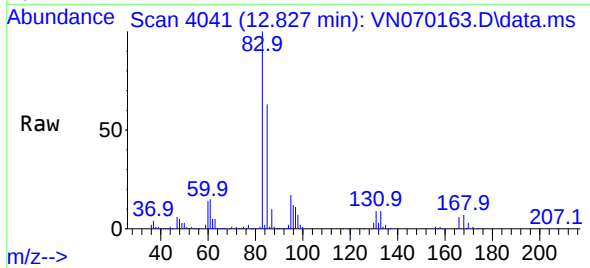
Tgt Ion: 43 Resp: 403952
Ion Ratio Lower Upper
43 100
70 35.7 33.4 50.0
55 23.8 19.3 28.9
61 20.9 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 17.92 ug/l
RT: 12.827 min Scan# 4041
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

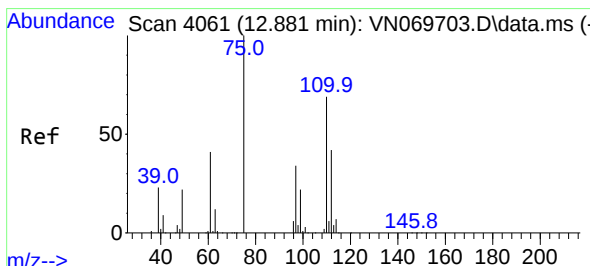
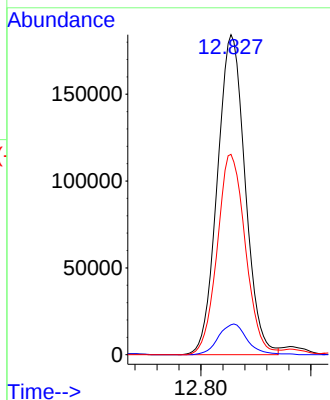
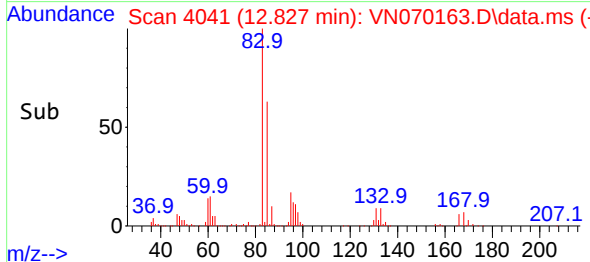
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02



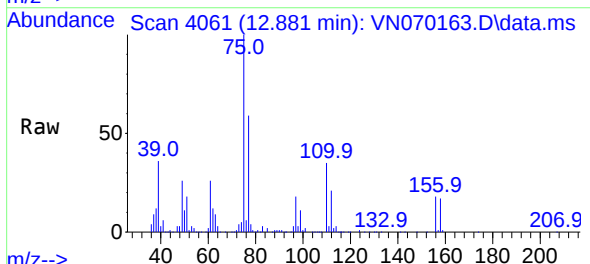
Tgt Ion: 83 Resp: 32385
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 63.5 32.4 97.2

Manual Integrations
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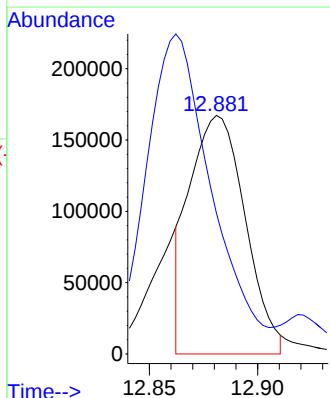
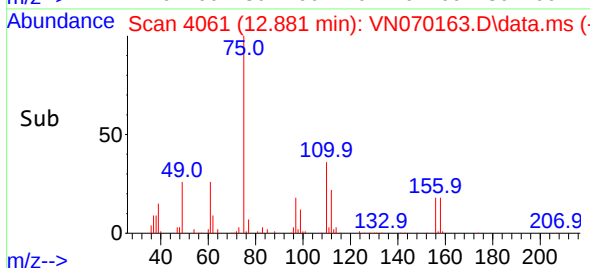
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

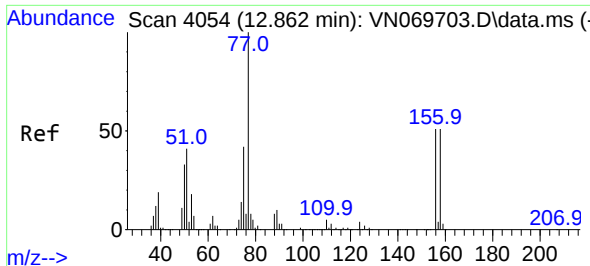


#76
1,2,3-Trichloropropane
Concen: 17.72 ug/l m
RT: 12.881 min Scan# 4061
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53



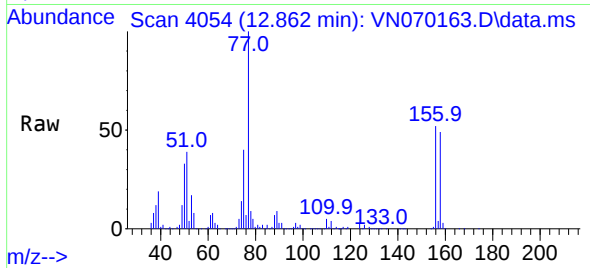
Tgt Ion: 75 Resp: 298496
Ion Ratio Lower Upper
75 100
77 159.0 82.6 247.8





#77
Bromobenzene
Concen: 16.65 ug/l
RT: 12.862 min Scan# 4054
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

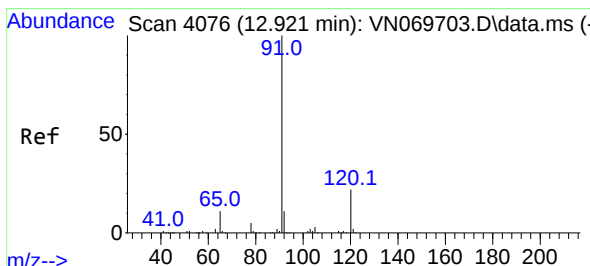
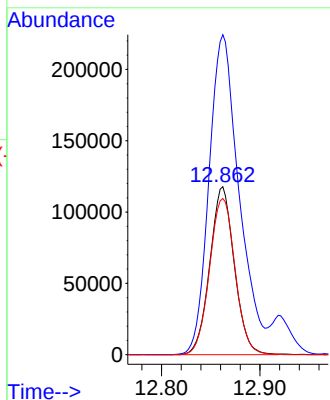
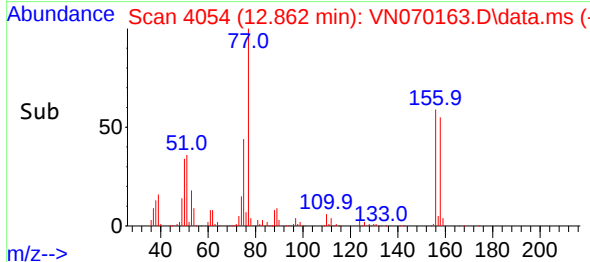
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02



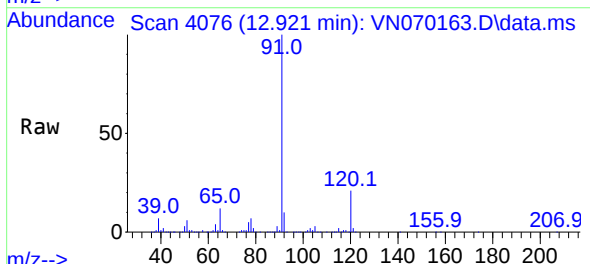
Tgt Ion:156 Resp: 204330
Ion Ratio Lower Upper
156 100
77 232.2 90.6 271.8
158 96.9 48.9 146.7

Manual Integrations
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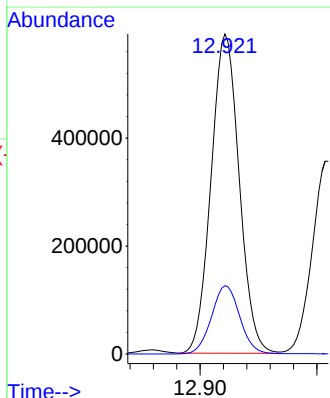
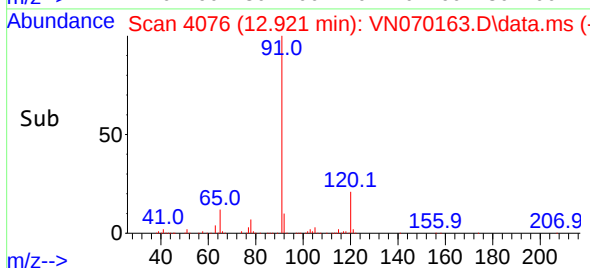
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

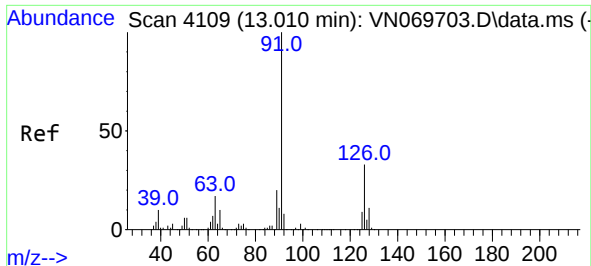


#78
n-propylbenzene
Concen: 17.01 ug/l
RT: 12.921 min Scan# 4076
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53



Tgt Ion: 91 Resp: 989273
Ion Ratio Lower Upper
91 100
120 21.5 11.9 35.9





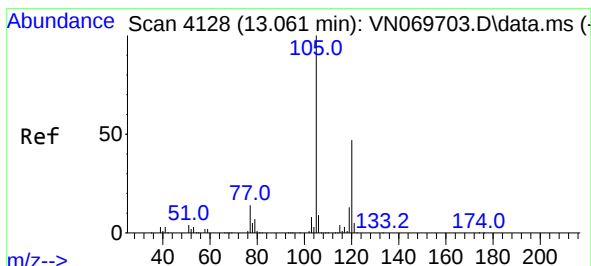
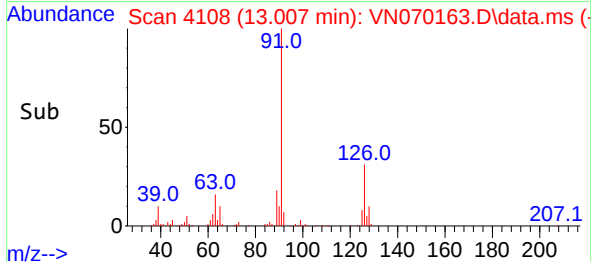
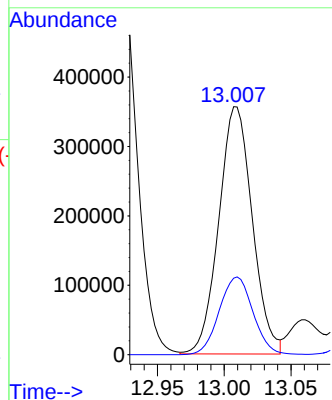
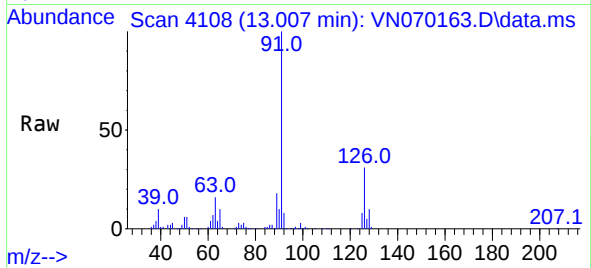
#79
2-Chlorotoluene
Concen: 16.94 ug/l
RT: 13.007 min Scan# 4109
Delta R.T. -0.003 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02

Tgt Ion: 91 Resp: 622550
Ion Ratio Lower Upper
91 100
126 31.7 18.3 54.8

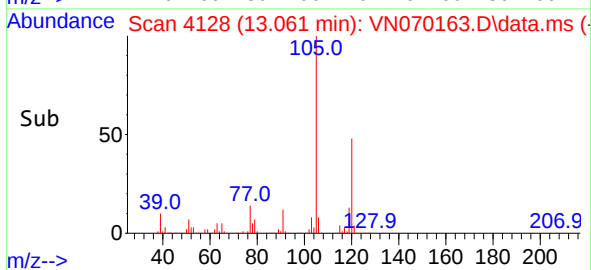
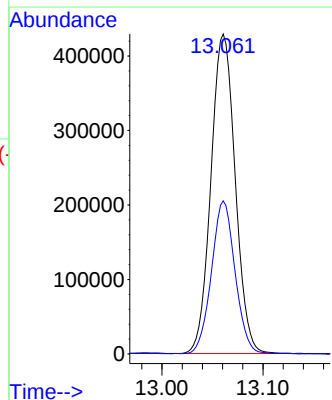
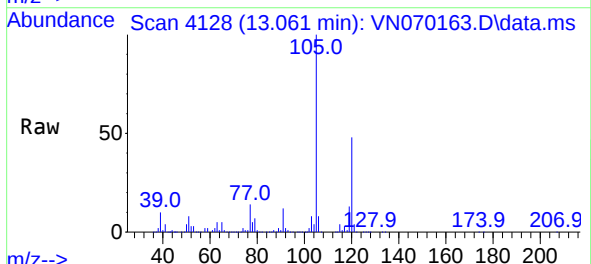
Manual Integrations
APPROVED

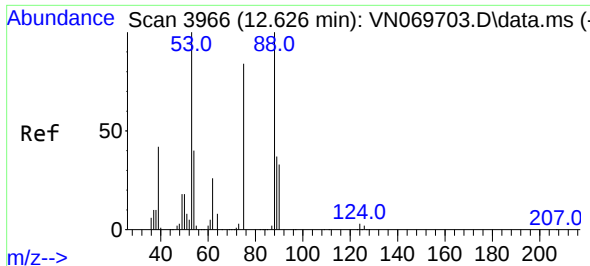
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#80
1,3,5-Trimethylbenzene
Concen: 17.02 ug/l
RT: 13.061 min Scan# 4128
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

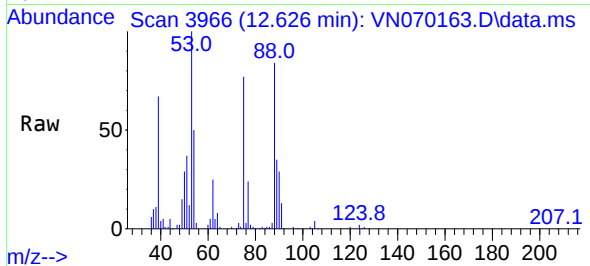
Tgt Ion:105 Resp: 715993
Ion Ratio Lower Upper
105 100
120 46.4 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 17.51 ug/l
RT: 12.626 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

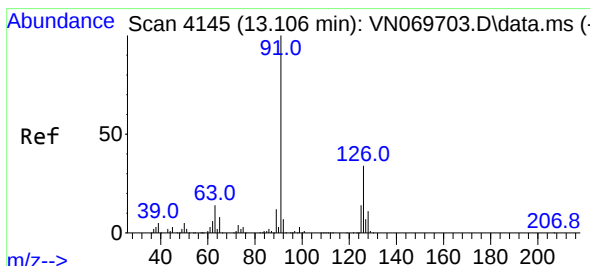
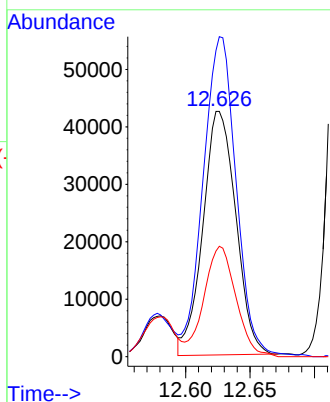
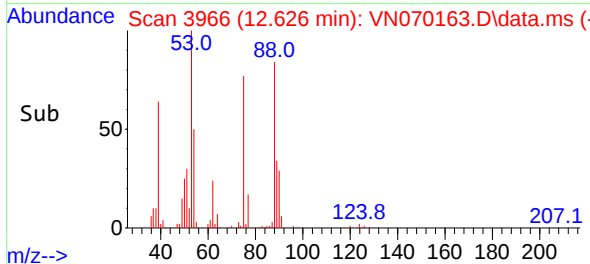
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02



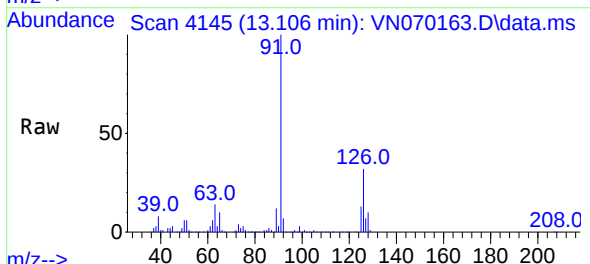
Tgt Ion: 75 Resp: 7531
Ion Ratio Lower Upper
75 100
53 132.1 90.5 135.7
89 43.7 38.2 57.4

Manual Integrations
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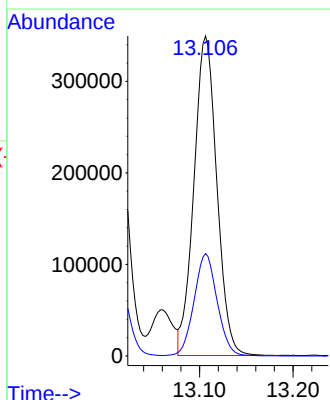
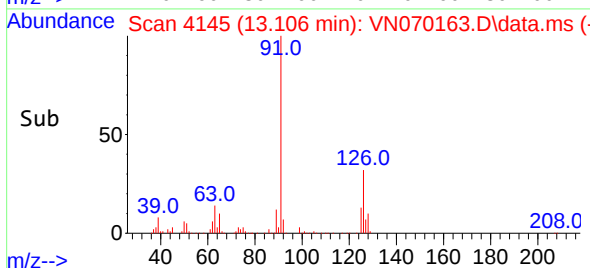
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#82
4-Chlorotoluene
Concen: 17.17 ug/l
RT: 13.106 min Scan# 4145
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53



Tgt Ion: 91 Resp: 593289
Ion Ratio Lower Upper
91 100
126 32.3 18.2 54.6





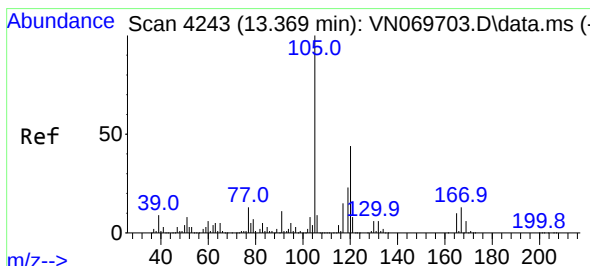
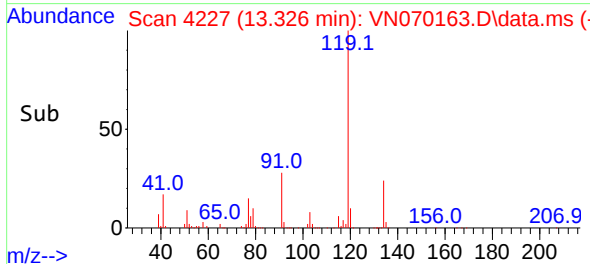
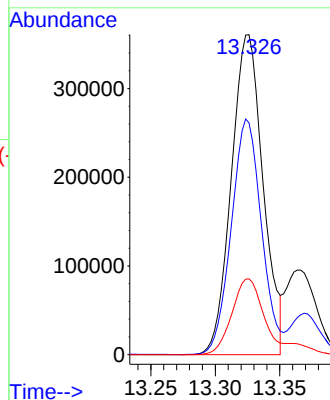
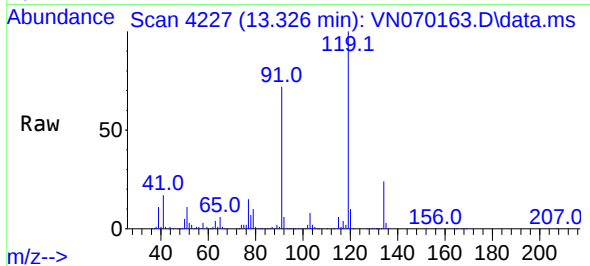
#83
tert-Butylbenzene
Concen: 16.61 ug/l
RT: 13.326 min Scan# 4226
Delta R.T. 0.003 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02

Tgt Ion:119 Resp: 61859
Ion Ratio Lower Upper
119 100
91 70.4 31.5 94.5
134 26.3 12.4 37.4

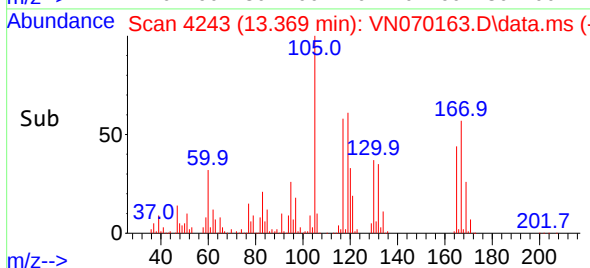
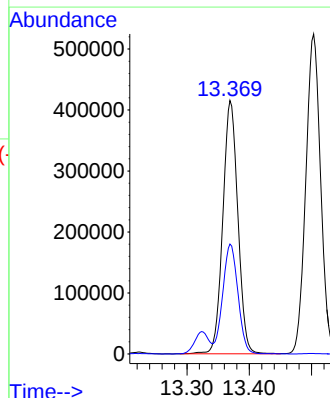
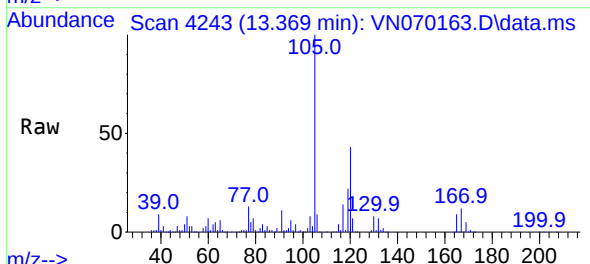
Manual Integrations
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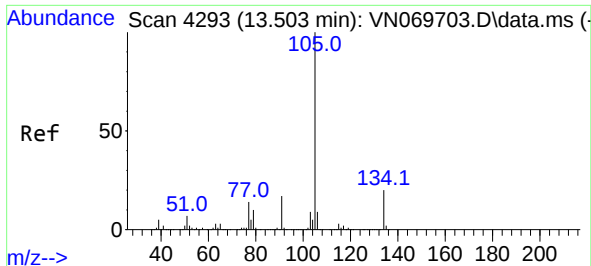
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#84
1,2,4-Trimethylbenzene
Concen: 17.41 ug/l
RT: 13.369 min Scan# 4243
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

Tgt Ion:105 Resp: 697558
Ion Ratio Lower Upper
105 100
120 43.5 22.8 68.4





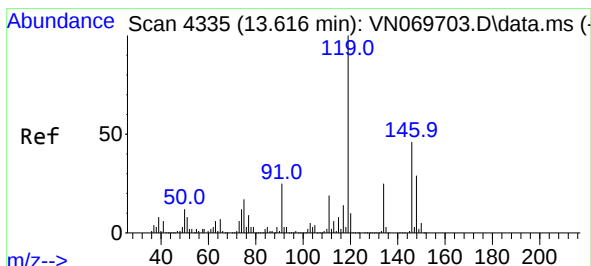
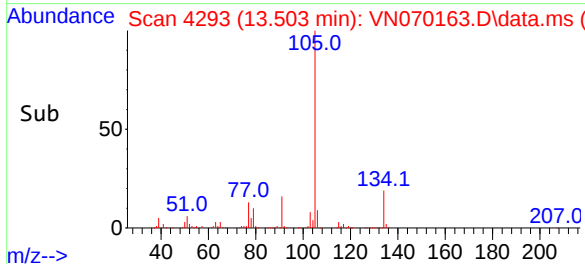
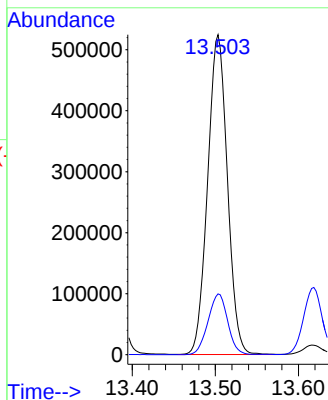
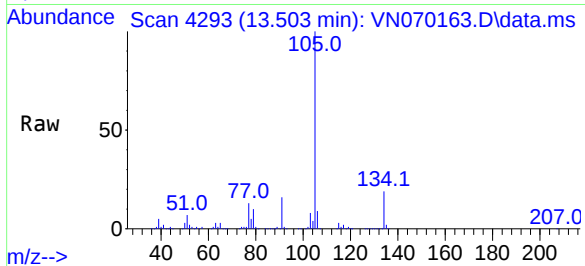
#85
 sec-Butylbenzene
 Concen: 17.11 ug/l
 RT: 13.503 min Scan# 4293
 Delta R.T. 0.000 min
 Lab File: VN070163.D
 Acq: 17 Dec 2021 14:53

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBSD02

Tgt Ion:105 Resp: 86428
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.4 31.1

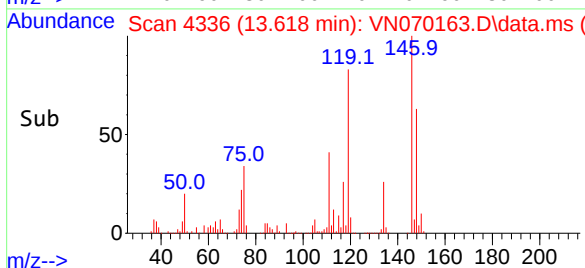
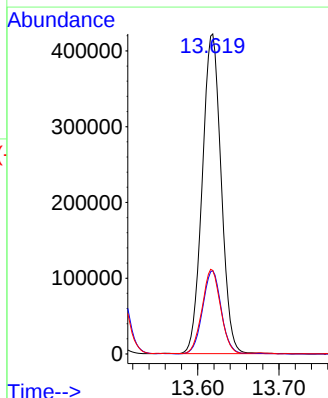
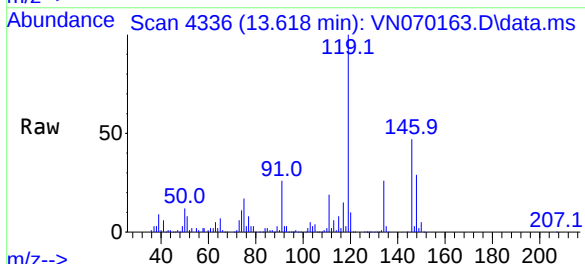
Manual Integrations
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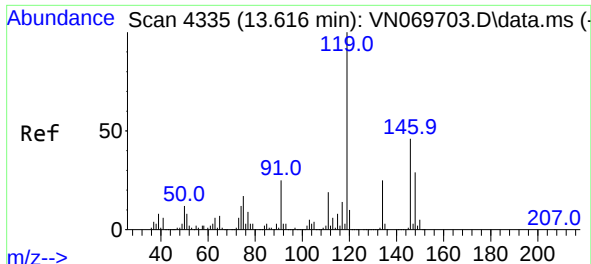
Reviewed By :John Carlone 12/18/2021
 Supervised By :Mahesh Dadoda 12/23/2021



#86
 p-Isopropyltoluene
 Concen: 17.20 ug/l
 RT: 13.618 min Scan# 4336
 Delta R.T. 0.003 min
 Lab File: VN070163.D
 Acq: 17 Dec 2021 14:53

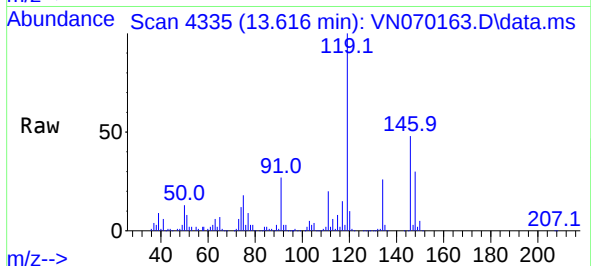
Tgt Ion:119 Resp: 679068
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.6 40.7
 91 25.8 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 17.34 ug/l
RT: 13.616 min Scan# 4335
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

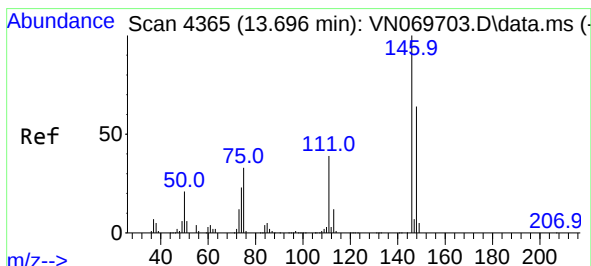
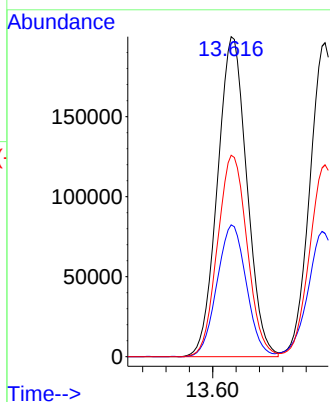
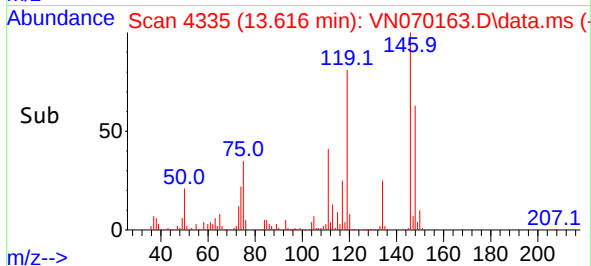
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02



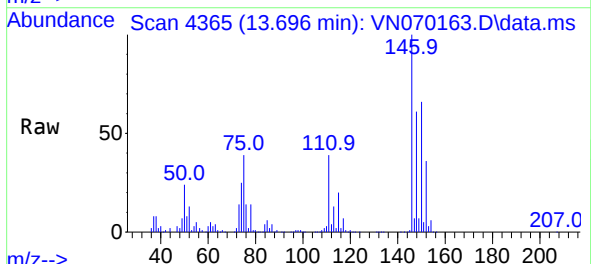
Tgt Ion:146 Resp: 349699
Ion Ratio Lower Upper
146 100
111 41.2 18.6 55.6
148 63.6 31.6 95.0

Manual Integrations
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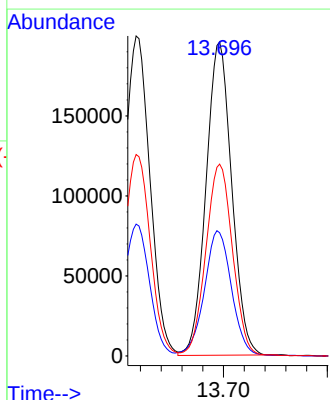
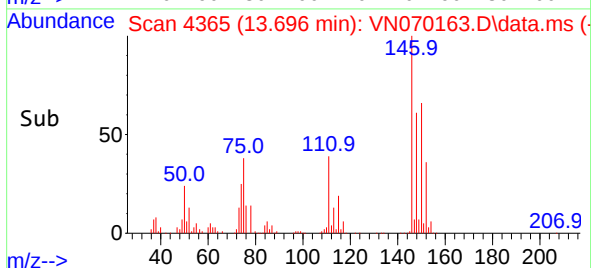
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#88
1,4-Dichlorobenzene
Concen: 16.98 ug/l
RT: 13.696 min Scan# 4365
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53



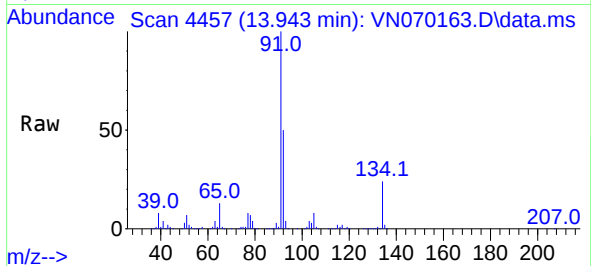
Tgt Ion:146 Resp: 336430
Ion Ratio Lower Upper
146 100
111 42.1 18.3 54.8
148 63.8 31.8 95.4





#89
n-Butylbenzene
Concen: 16.94 ug/l
RT: 13.943 min Scan# 4457
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

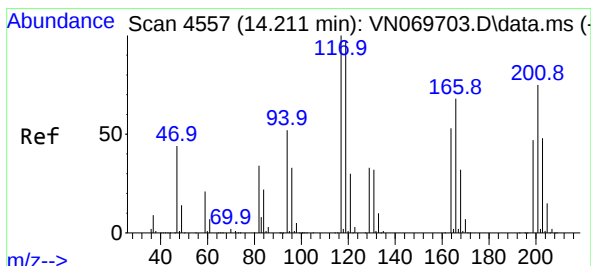
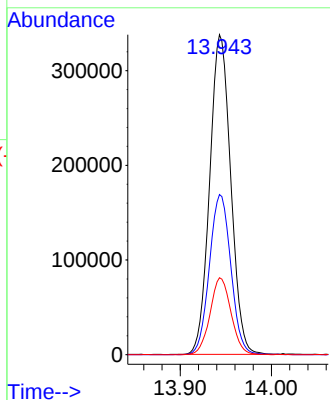
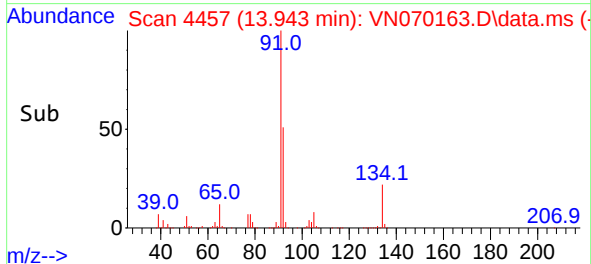
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02



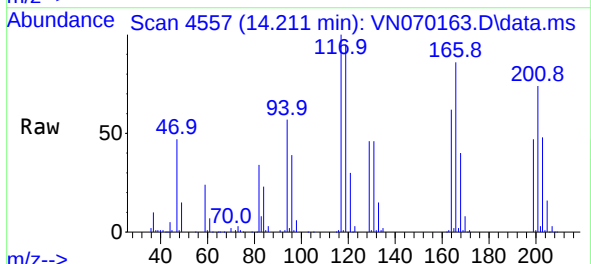
Tgt Ion: 91 Resp: 542592
Ion Ratio Lower Upper
91 100
92 51.1 25.4 76.0
134 24.0 13.6 40.8

Manual Integrations
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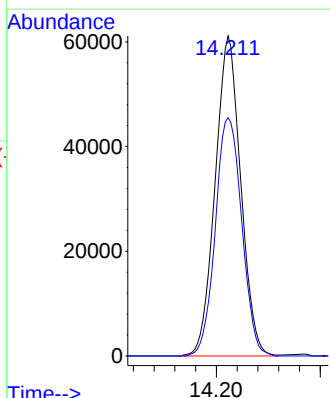
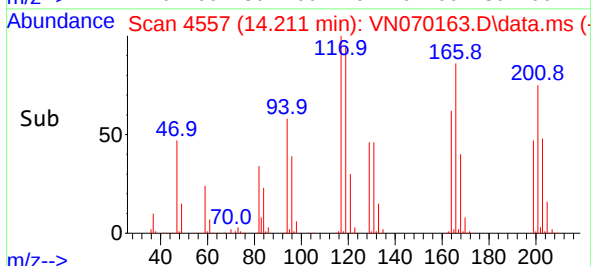
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

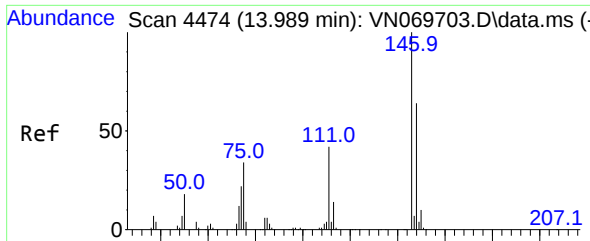


#90
Hexachloroethane
Concen: 15.06 ug/l
RT: 14.211 min Scan# 4557
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53



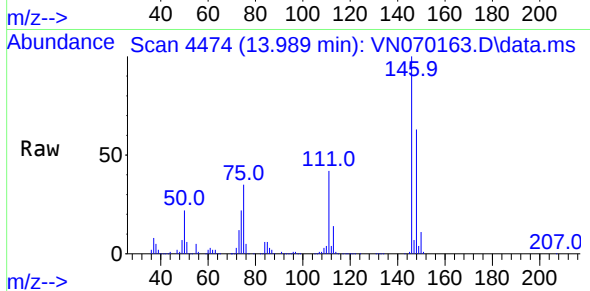
Tgt Ion:117 Resp: 104415
Ion Ratio Lower Upper
117 100
201 76.9 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 17.61 ug/l
RT: 13.989 min Scan# 4474
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

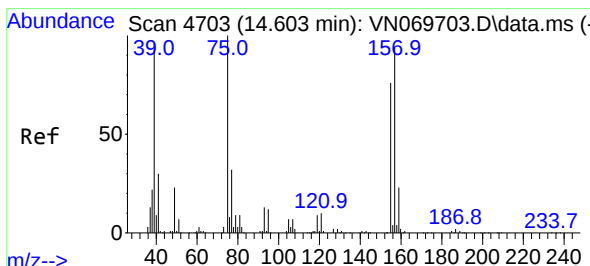
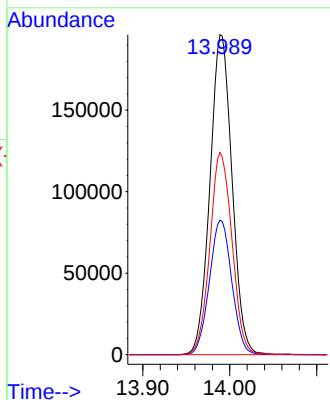
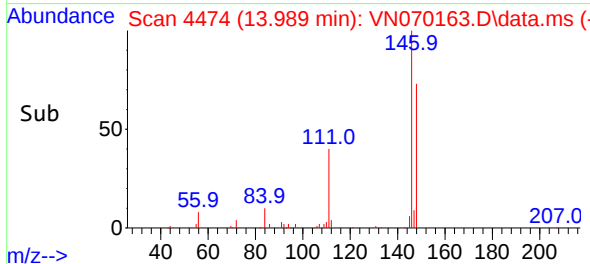
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02



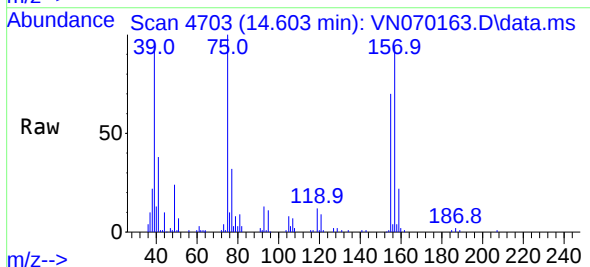
Tgt Ion:146 Resp: 346039
Ion Ratio Lower Upper
146 100
111 42.7 19.1 57.3
148 63.6 32.1 96.3

Manual Integrations
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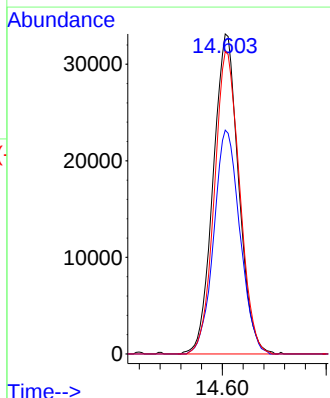
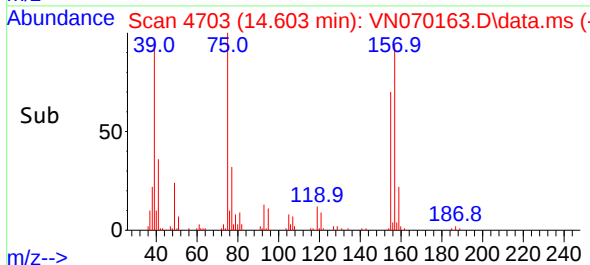
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

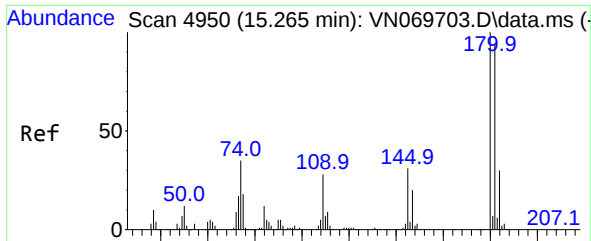


#92
1,2-Dibromo-3-Chloropropane
Concen: 17.30 ug/l
RT: 14.603 min Scan# 4703
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53



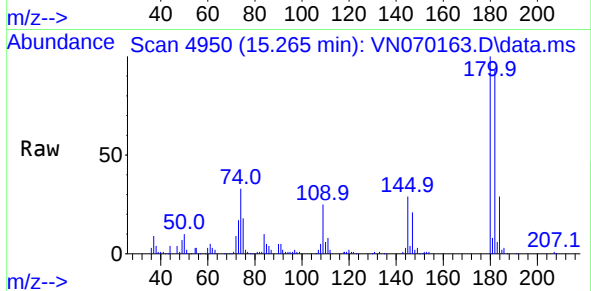
Tgt Ion: 75 Resp: 56497
Ion Ratio Lower Upper
75 100
155 71.8 46.9 140.7
157 93.6 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 19.16 ug/l
RT: 15.265 min Scan# 4950
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

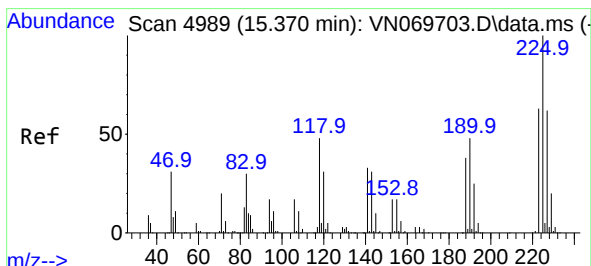
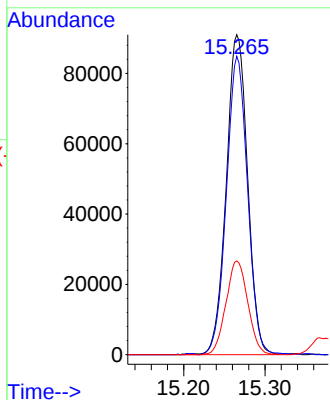
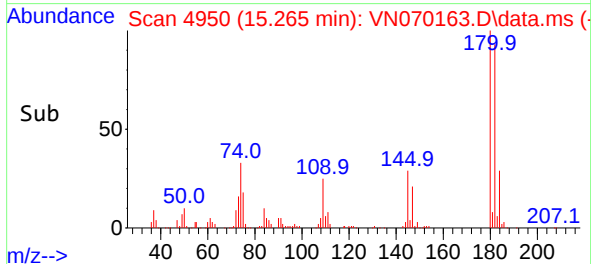
Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02



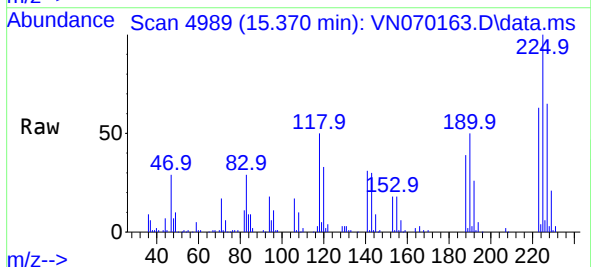
Tgt Ion:180 Resp: 166528
Ion Ratio Lower Upper
180 100
182 92.4 48.3 144.9
145 30.0 14.5 43.5

Manual Integrations
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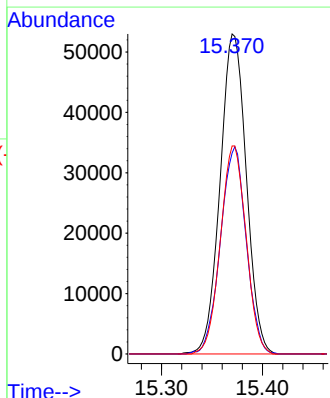
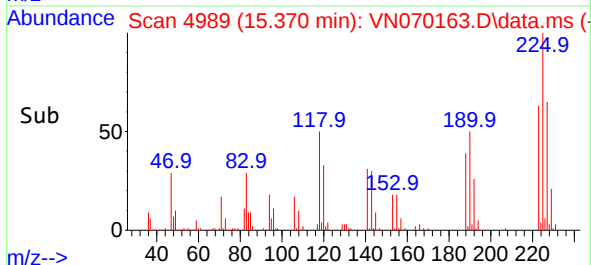
Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021

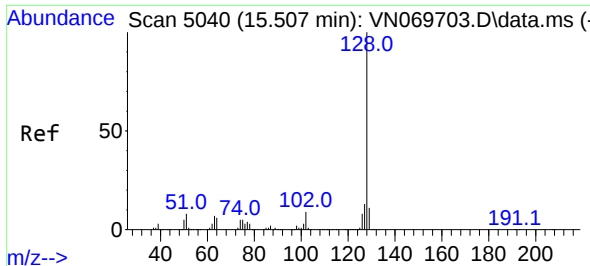


#94
Hexachlorobutadiene
Concen: 18.31 ug/l
RT: 15.370 min Scan# 4989
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53



Tgt Ion:225 Resp: 95358
Ion Ratio Lower Upper
225 100
223 63.6 31.9 95.7
227 63.6 32.1 96.3





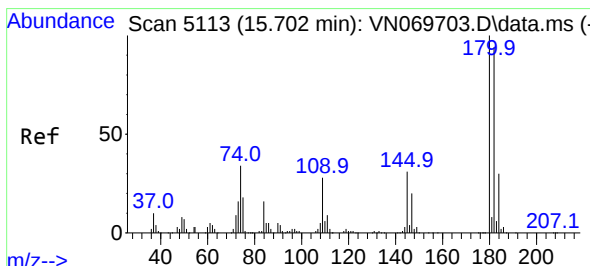
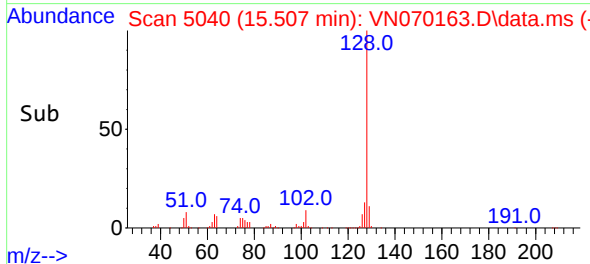
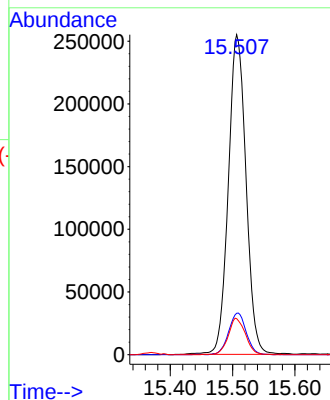
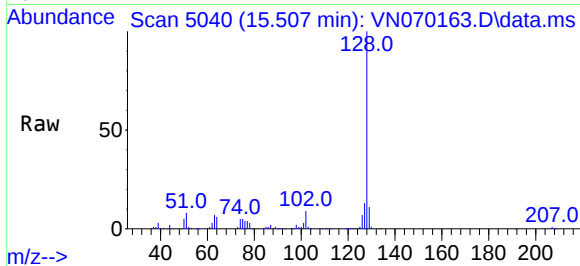
#95
Naphthalene
Concen: 20.09 ug/l
RT: 15.507 min Scan# 5040
Delta R.T. -0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

Instrument :
MSVOA_N
ClientSampleId :
VN1217WBSD02

Tgt Ion:128 Resp: 502390
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.1 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/18/2021
Supervised By :Mahesh Dadoda 12/23/2021



#96
1,2,3-Trichlorobenzene
Concen: 19.14 ug/l
RT: 15.702 min Scan# 5113
Delta R.T. 0.000 min
Lab File: VN070163.D
Acq: 17 Dec 2021 14:53

Tgt Ion:180 Resp: 164913
Ion Ratio Lower Upper
180 100
182 96.5 47.4 142.2
145 32.5 15.0 45.1

