

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021822\
 Data File : VN071014.D
 Acq On : 18 Feb 2022 20:39
 Operator : JC\MD
 Sample : VN0218WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0218WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/22/2022
 Supervised By : Mahesh Dadoda 02/22/2022

Quant Time: Feb 19 03:40:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:52:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	619942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1005712	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	912001	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	342980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	375204	52.982	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.960%			
35) Dibromofluoromethane	8.016	113	297569	49.744	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.480%			
50) Toluene-d8	10.439	98	1185703	49.357	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.720%			
62) 4-Bromofluorobenzene	12.727	95	371875	43.307	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 86.620%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	105957	16.456	ug/l	98
3) Chloromethane	2.299	50	151027	18.661	ug/l	100
4) Vinyl Chloride	2.440	62	138739	17.124	ug/l	96
5) Bromomethane	2.840	94	77731	16.889	ug/l	100
6) Chloroethane	3.010	64	90076	16.947	ug/l	96
7) Trichlorofluoromethane	3.375	101	181622	17.888	ug/l	98
8) Diethyl Ether	3.822	74	77698	17.604	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.216	101	101934	16.363	ug/l	97
10) Methyl Iodide	4.428	142	141987	16.458	ug/l	97
11) Tert butyl alcohol	5.369	59	126570	98.071	ug/l	99
12) 1,1-Dichloroethene	4.181	96	100964	16.635	ug/l	99
13) Acrolein	4.040	56	100440	87.093	ug/l	98
14) Allyl chloride	4.845	41	202764	17.517	ug/l	87
15) Acrylonitrile	5.545	53	405476	106.662	ug/l	99
16) Acetone	4.287	43	320927	82.288	ug/l	95
17) Carbon Disulfide	4.534	76	257981	14.822	ug/l	99
18) Methyl Acetate	4.851	43	178904	20.596	ug/l	98
19) Methyl tert-butyl Ether	5.610	73	396990	18.647	ug/l	93
20) Methylene Chloride	5.093	84	129941	18.333	ug/l	90
21) trans-1,2-Dichloroethene	5.598	96	111342	17.092	ug/l	95
22) Diisopropyl ether	6.492	45	445675	20.075	ug/l	92
23) Vinyl Acetate	6.428	43	1845501	98.203	ug/l	98
24) 1,1-Dichloroethane	6.387	63	230644	18.533	ug/l	98
25) 2-Butanone	7.328	43	534934	103.106	ug/l	97
26) 2,2-Dichloropropane	7.322	77	166802	16.127	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	136000	18.165	ug/l	93
28) Bromochloromethane	7.657	49	100723	19.997	ug/l	86
29) Tetrahydrofuran	7.681	42	377148	112.213	ug/l	92
30) Chloroform	7.816	83	228061	18.632	ug/l	97
31) Cyclohexane	8.092	56	219640	17.933	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	190982	18.068	ug/l	97
36) 1,1-Dichloropropene	8.222	75	161606	16.490	ug/l	97
37) Ethyl Acetate	7.404	43	224254	21.336	ug/l	98
38) Carbon Tetrachloride	8.204	117	162556	16.834	ug/l	99
39) Methylcyclohexane	9.457	83	191717	15.203	ug/l	94
40) Benzene	8.457	78	519283	17.913	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	97591	17.629	ug/l	98
42) 1,2-Dichloroethane	8.528	62	182245	18.458	ug/l	99
43) Isopropyl Acetate	8.557	43	321812	19.425	ug/l	98
44) Trichloroethene	9.216	130	125648	16.459	ug/l	96
45) 1,2-Dichloropropane	9.486	63	136331	18.359	ug/l	97
46) Dibromomethane	9.575	93	87921	17.991	ug/l	98
47) Bromodichloromethane	9.757	83	171791	17.394	ug/l	94
48) Methyl methacrylate	9.557	41	154200	19.664	ug/l #	86
49) 1,4-Dioxane	9.563	88	55160	396.037	ug/l	88
51) 4-Methyl-2-Pentanone	10.327	43	1066905	105.845	ug/l	98
52) Toluene	10.498	92	324064	17.790	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	175806	16.370	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	199098	16.881	ug/l	97
55) 1,1,2-Trichloroethane	10.892	97	130736	18.335	ug/l	98
56) Ethyl methacrylate	10.757	69	203393	18.932	ug/l	93
57) 1,3-Dichloropropane	11.039	76	230773	18.711	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	175101	95.752	ug/l	96
59) 2-Hexanone	11.080	43	727220	104.901	ug/l	99
60) Dibromochloromethane	11.233	129	131168	17.406	ug/l	98
61) 1,2-Dibromoethane	11.339	107	128527	17.721	ug/l	98
64) Tetrachloroethene	10.975	164	112432	15.830	ug/l	99
65) Chlorobenzene	11.769	112	338452	17.222	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.833	131	124035	17.315	ug/l	98
67) Ethyl Benzene	11.839	91	591934	17.209	ug/l	96
68) m/p-Xylenes	11.951	106	443917	33.412	ug/l	99
69) o-Xylene	12.280	106	223794	17.243	ug/l	99
70) Styrene	12.292	104	340657	16.507	ug/l	98
71) Bromoform	12.457	173	93886	16.456	ug/l #	98
73) Isopropylbenzene	12.574	105	561556	20.341	ug/l	100
74) N-amyl acetate	12.386	43	185006	20.965	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	196110	22.354	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	170384m	21.099	ug/l	
77) Bromobenzene	12.857	156	132377	19.588	ug/l	85
78) n-propylbenzene	12.916	91	593475	19.133	ug/l	98
79) 2-Chlorotoluene	13.004	91	380132	20.180	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	449847	20.113	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	48039	19.277	ug/l	90
82) 4-Chlorotoluene	13.098	91	343054	18.762	ug/l	95
83) tert-Butylbenzene	13.321	119	400199	18.867	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	430915	19.572	ug/l	99
85) sec-Butylbenzene	13.498	105	515467	18.443	ug/l	98
86) p-Isopropyltoluene	13.610	119	410536	17.893	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	206479	17.259	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	195957	16.718	ug/l	96
89) n-Butylbenzene	13.939	91	281155	15.019	ug/l	96
90) Hexachloroethane	14.204	117	77336	18.874	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	205734	18.313	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	29104	20.476	ug/l	93
93) 1,2,4-Trichlorobenzene	15.262	180	73176	13.124	ug/l	99
94) Hexachlorobutadiene	15.368	225	56359	13.757	ug/l	98
95) Naphthalene	15.504	128	160265	14.398	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	72637	14.366	ug/l	98

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MSVOA_N
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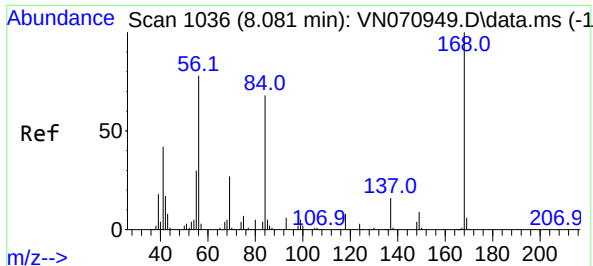
Manual Integrations
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Response via : Initial Calibration

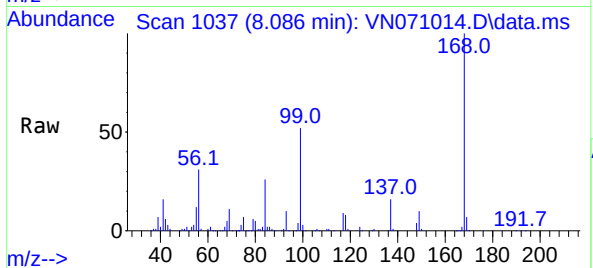
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
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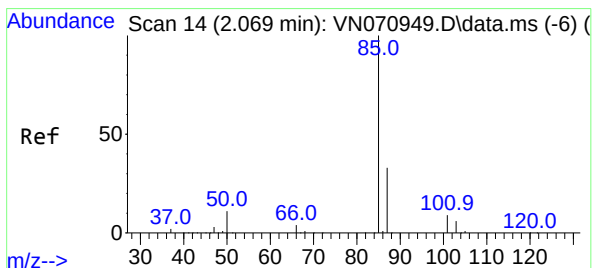
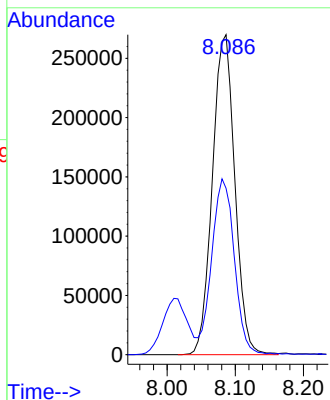
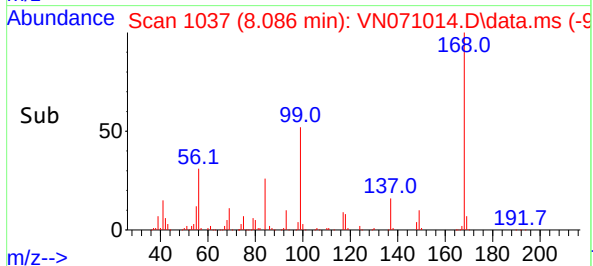
Instrument :
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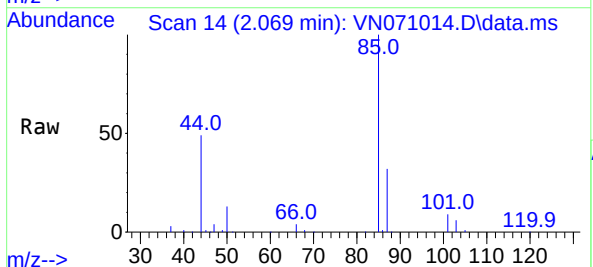
Tgt Ion:168 Resp: 61994
Ion Ratio Lower Upper
168 100
99 51.7 41.3 61.9

Manual Integrations
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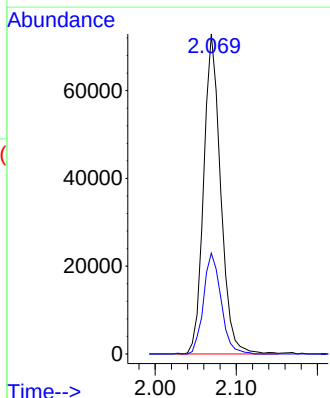
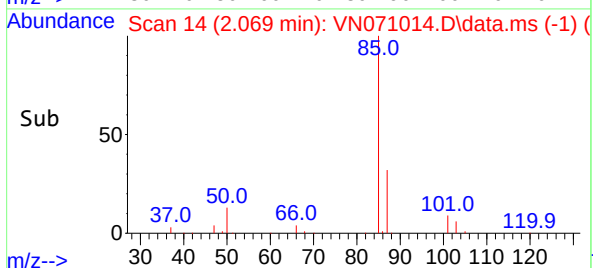
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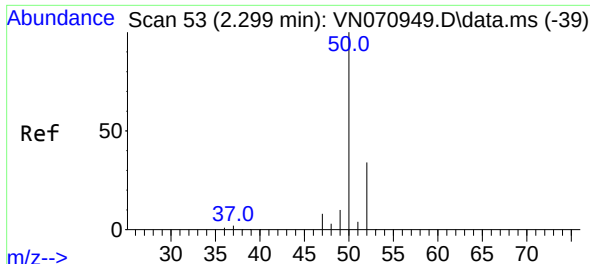


#2
Dichlorodifluoromethane
Concen: 16.456 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39



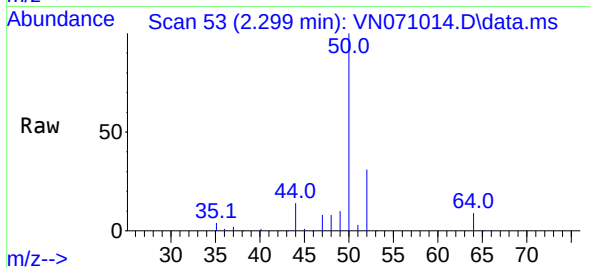
Tgt Ion: 85 Resp: 105957
Ion Ratio Lower Upper
85 100
87 31.5 16.3 48.9





#3
Chloromethane
Concen: 18.661 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

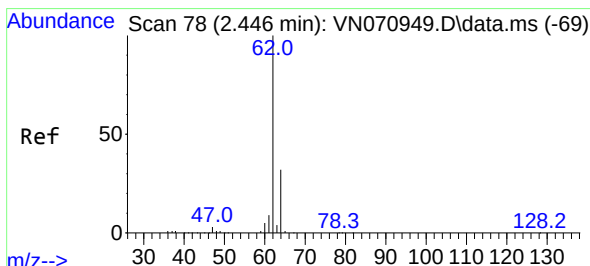
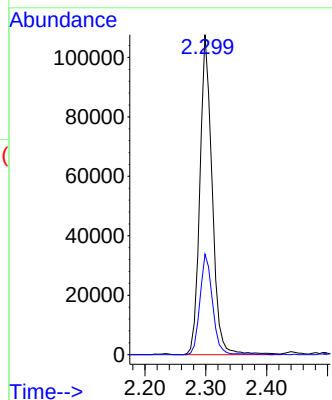
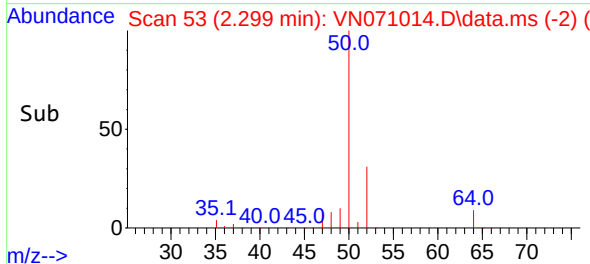
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Tgt Ion: 50 Resp: 15102
Ion Ratio Lower Upper
50 100
52 31.4 25.4 38.0

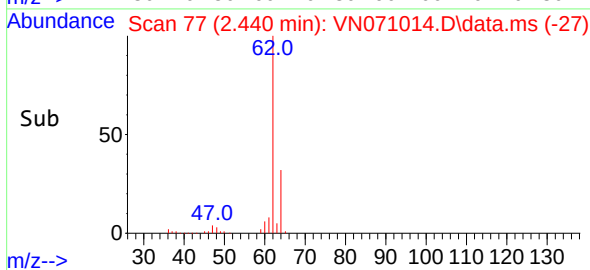
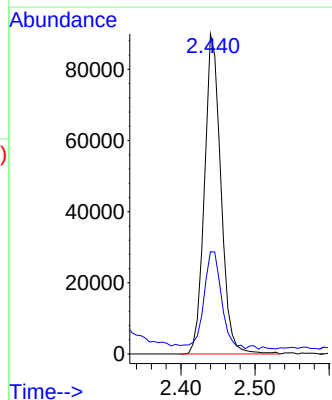
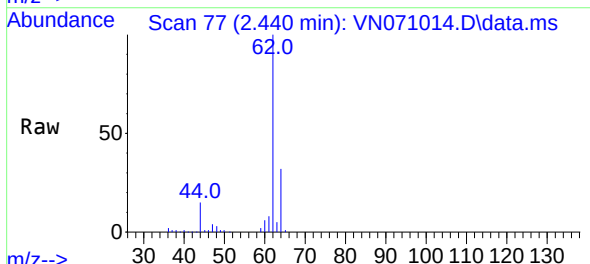
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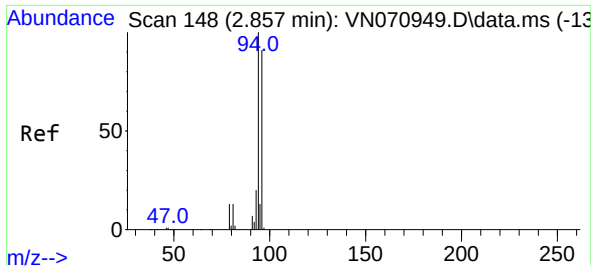
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#4
Vinyl Chloride
Concen: 17.124 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

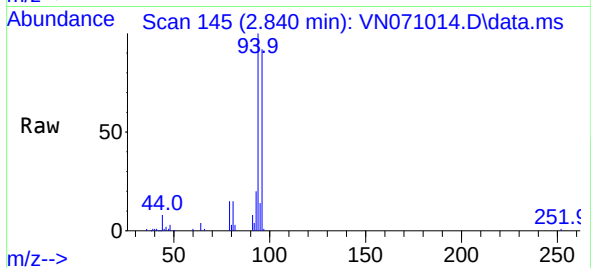
Tgt Ion: 62 Resp: 138739
Ion Ratio Lower Upper
62 100
64 30.1 25.8 38.6





#5
Bromomethane
Concen: 16.889 ug/l
RT: 2.840 min Scan# 14
Delta R.T. -0.018 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

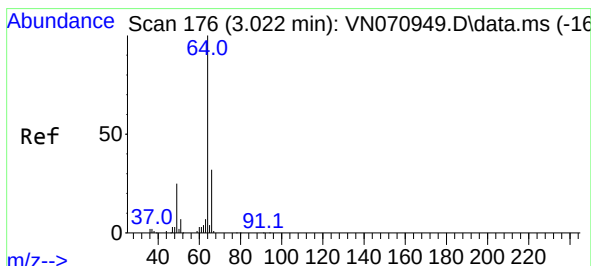
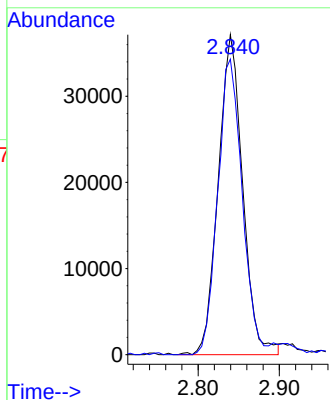
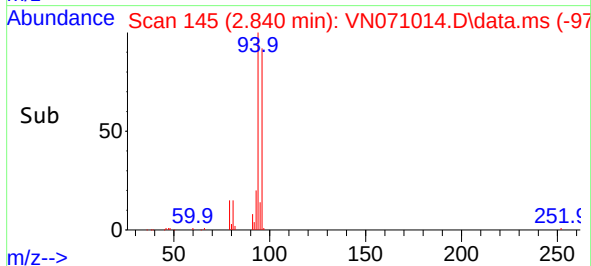
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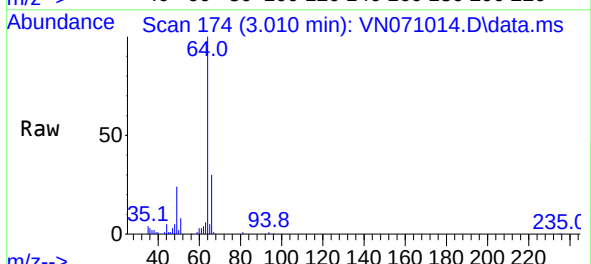
Tgt Ion: 94 Resp: 7773
Ion Ratio Lower Upper
94 100
96 92.3 73.8 110.8

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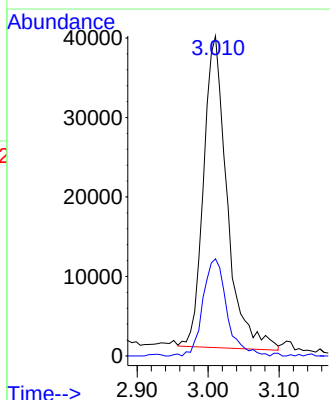
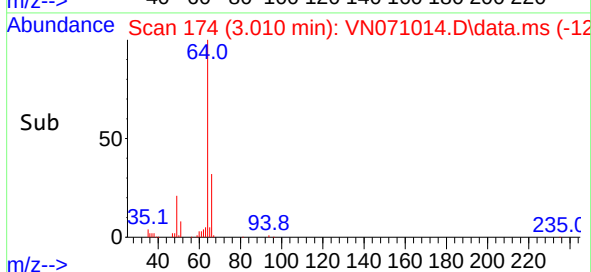
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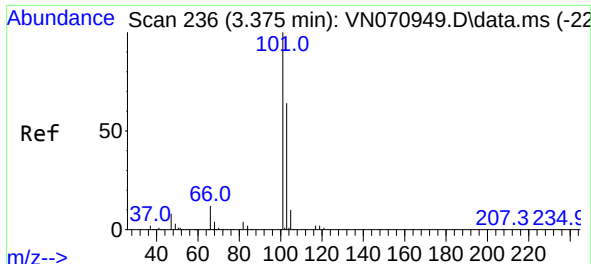


#6
Chloroethane
Concen: 16.947 ug/l
RT: 3.010 min Scan# 174
Delta R.T. -0.012 min
Lab File: VN071014.D
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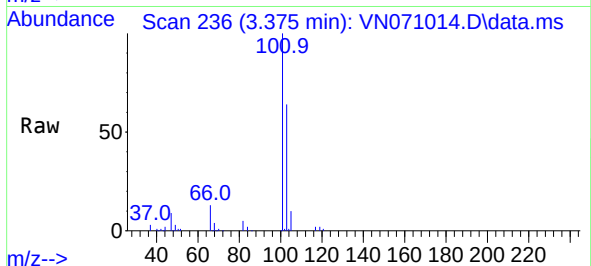
Tgt Ion: 64 Resp: 90076
Ion Ratio Lower Upper
64 100
66 30.7 26.3 39.5





#7
Trichlorofluoromethane
Concen: 17.888 ug/l
RT: 3.375 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN071014.D
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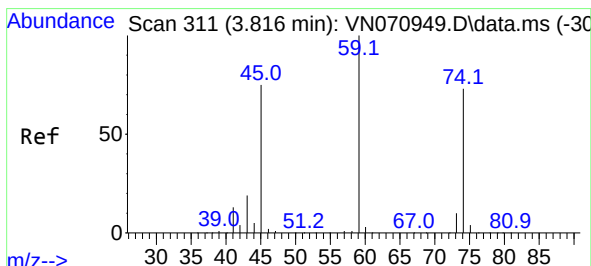
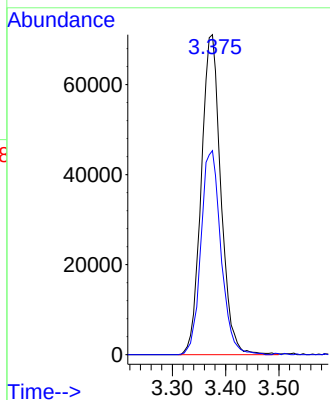
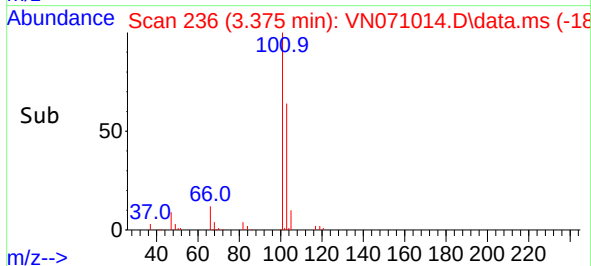
Instrument :
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ClientSampleId :
VN0218WBSD01



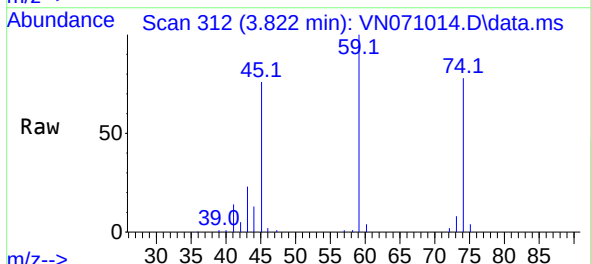
Tgt Ion:101 Resp: 18162
Ion Ratio Lower Upper
101 100
103 63.8 50.1 75.1

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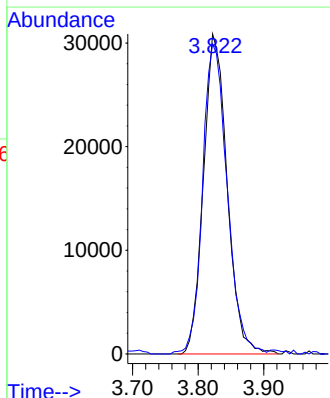
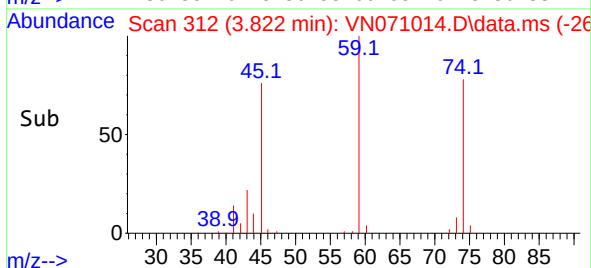
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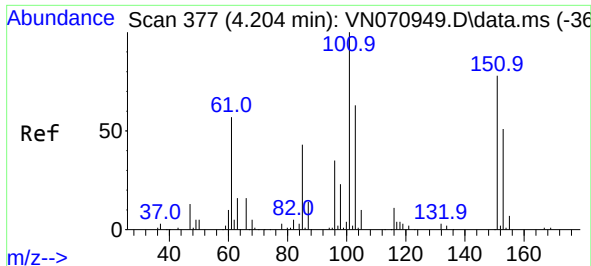


#8
Diethyl Ether
Concen: 17.604 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 77698
Ion Ratio Lower Upper
74 100
45 100.1 47.0 141.2





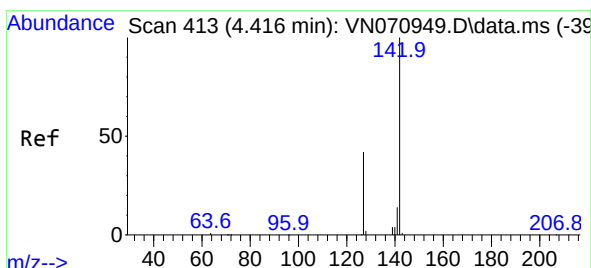
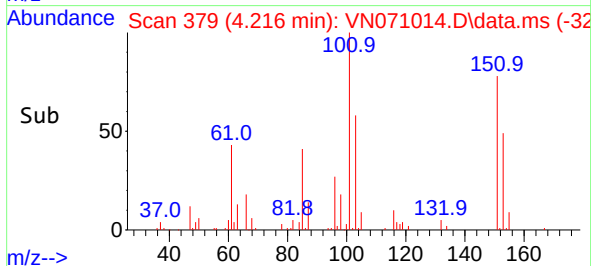
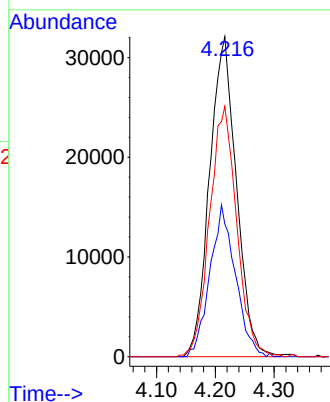
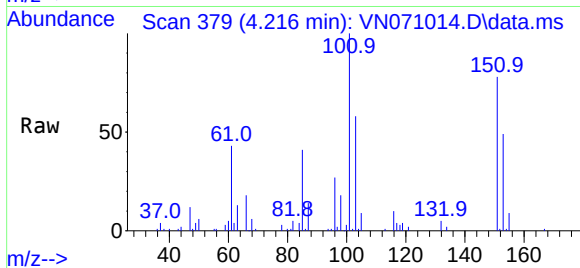
#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.363 ug/l
RT: 4.216 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01

Tgt Ion:101 Resp: 101934
Ion Ratio Lower Upper
101 100
85 45.0 37.2 55.8
151 78.9 65.9 98.9

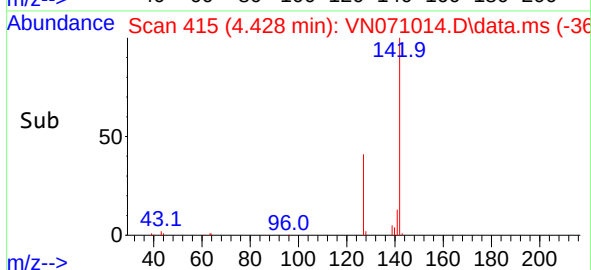
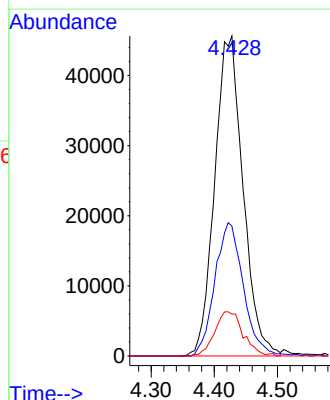
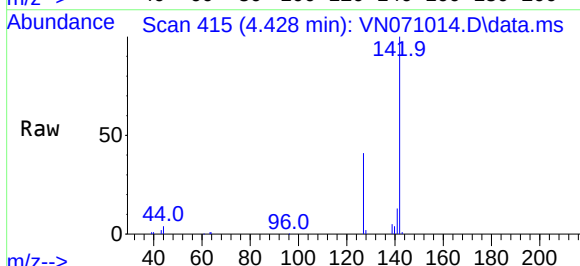
Manual Integrations
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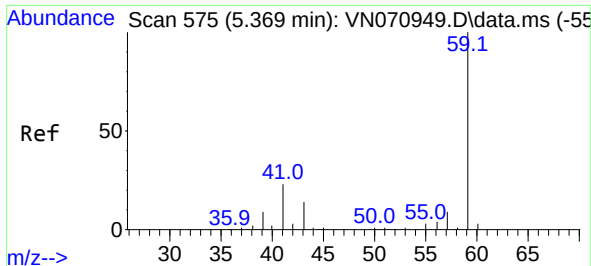
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#10
Methyl Iodide
Concen: 16.458 ug/l
RT: 4.428 min Scan# 415
Delta R.T. 0.012 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

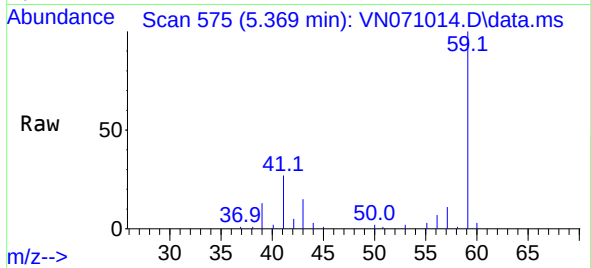
Tgt Ion:142 Resp: 141987
Ion Ratio Lower Upper
142 100
127 42.0 35.4 53.0
141 13.9 11.6 17.4





#11
Tert butyl alcohol
Concen: 98.071 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

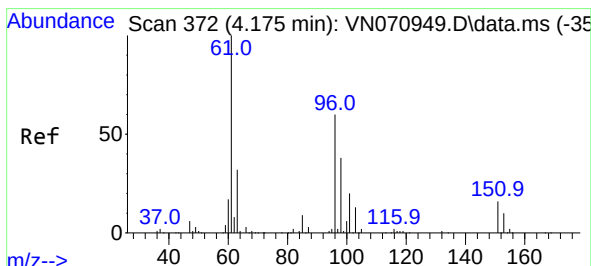
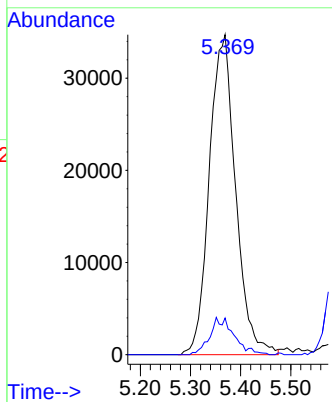
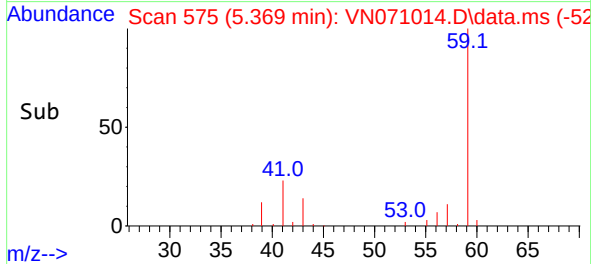
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01



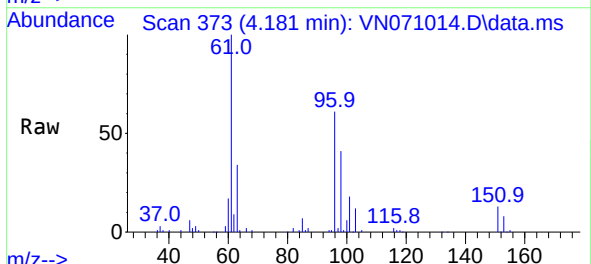
Tgt Ion: 59 Resp: 126570
Ion Ratio Lower Upper
59 100
57 10.7 8.7 13.1

Manual Integrations
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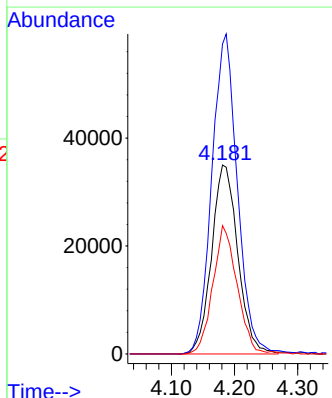
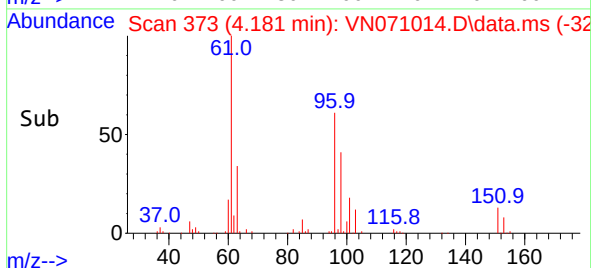
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

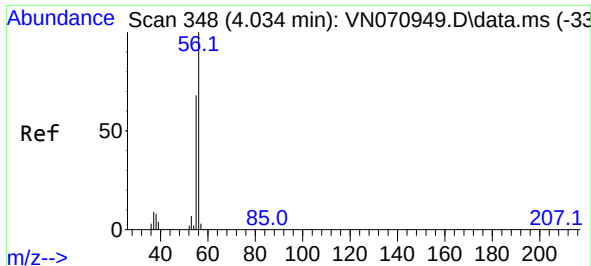


#12
1,1-Dichloroethene
Concen: 16.635 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39



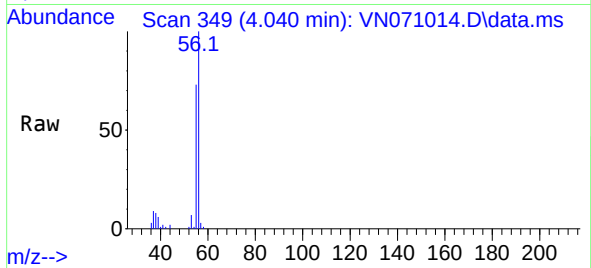
Tgt Ion: 96 Resp: 100964
Ion Ratio Lower Upper
96 100
61 164.0 131.0 196.6
98 67.9 52.4 78.6





#13
Acrolein
Concen: 87.093 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

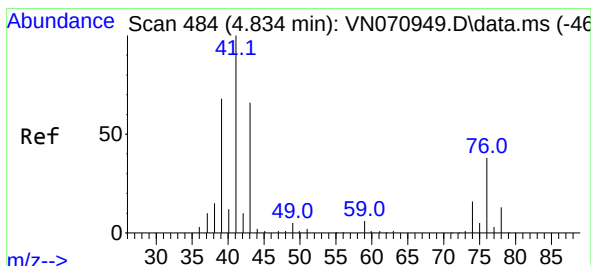
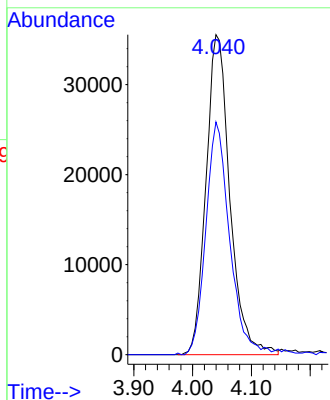
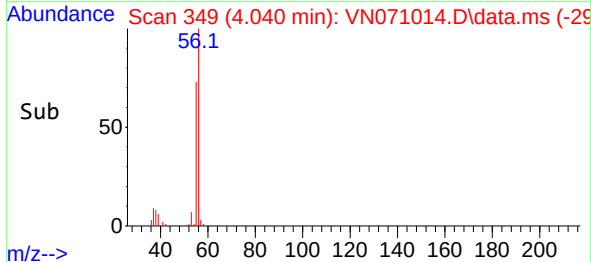
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01



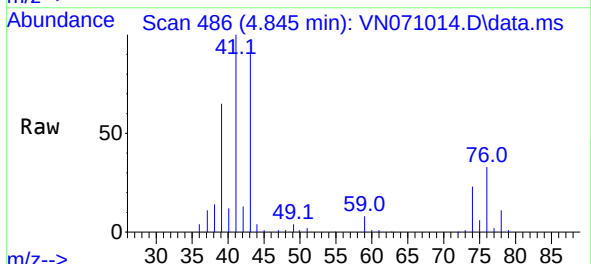
Tgt Ion: 56 Resp: 100440
Ion Ratio Lower Upper
56 100
55 72.3 56.6 85.0

Manual Integrations
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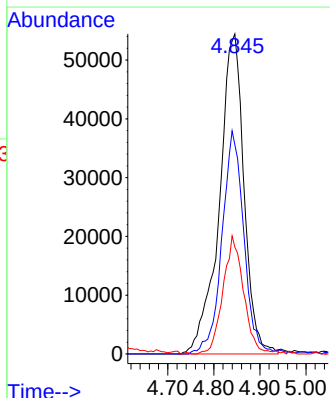
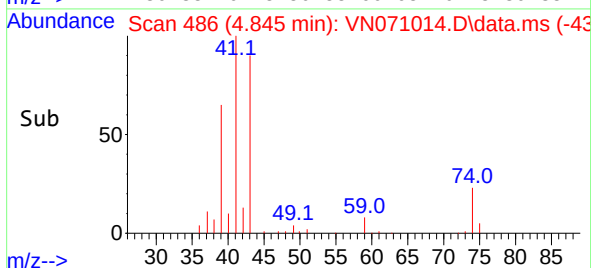
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

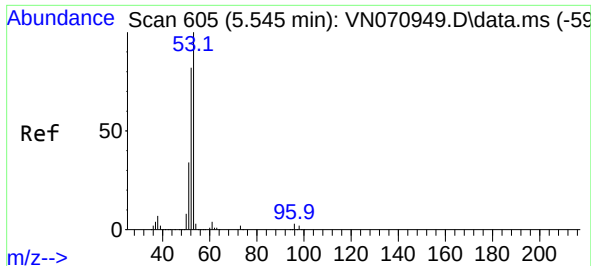


#14
Allyl chloride
Concen: 17.517 ug/l
RT: 4.845 min Scan# 486
Delta R.T. 0.012 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39



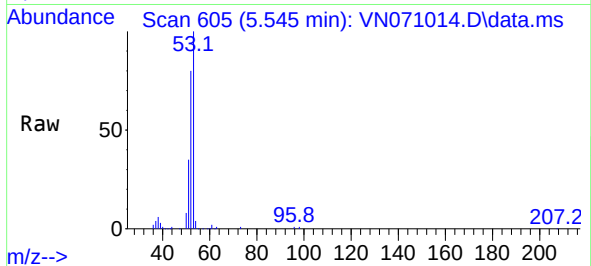
Tgt Ion: 41 Resp: 202764
Ion Ratio Lower Upper
41 100
39 61.4 61.2 91.8
76 30.7 26.0 39.0





#15
Acrylonitrile
Concen: 106.662 ug/l
RT: 5.545 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

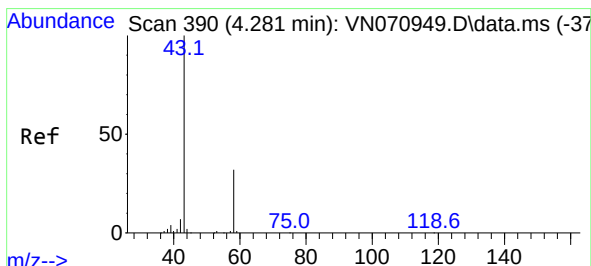
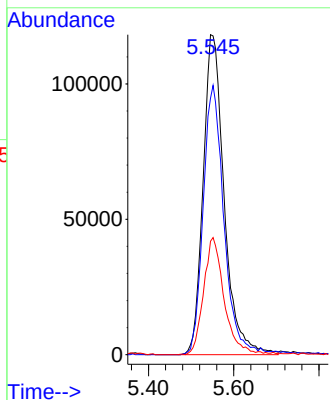
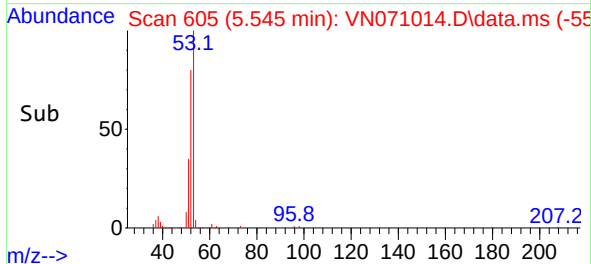
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01



Tgt Ion: 53 Resp: 405470
Ion Ratio Lower Upper
53 100
52 82.9 66.2 99.2
51 35.9 29.6 44.4

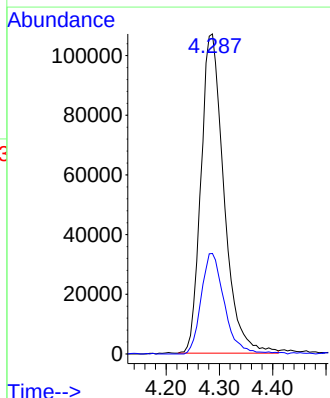
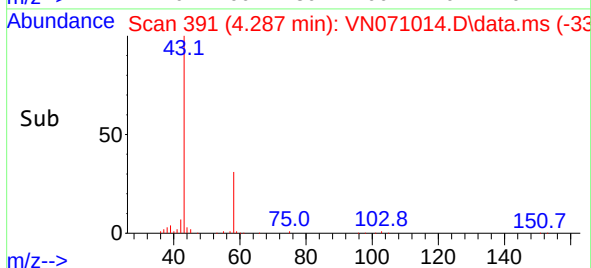
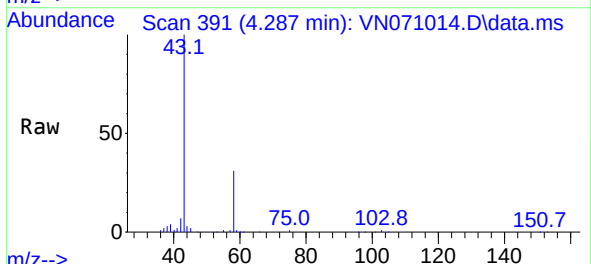
Manual Integrations
APPROVED

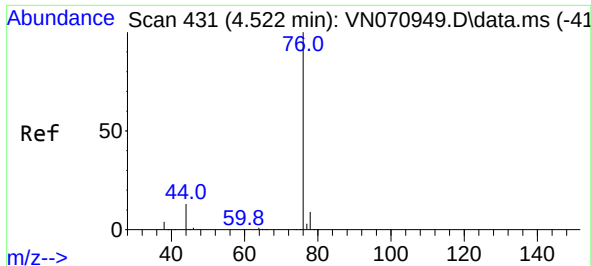
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#16
Acetone
Concen: 82.288 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

Tgt Ion: 43 Resp: 320927
Ion Ratio Lower Upper
43 100
58 31.5 23.1 34.7





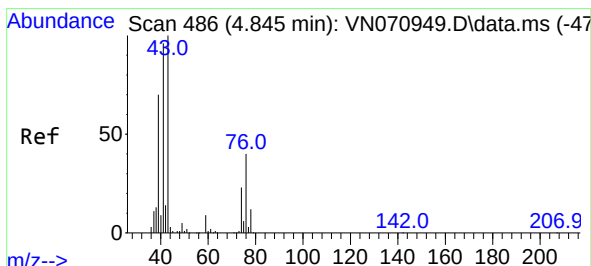
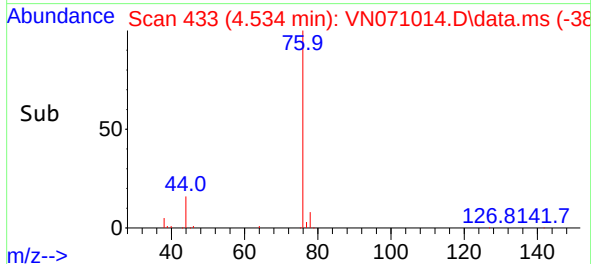
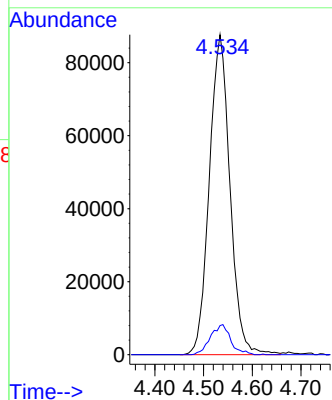
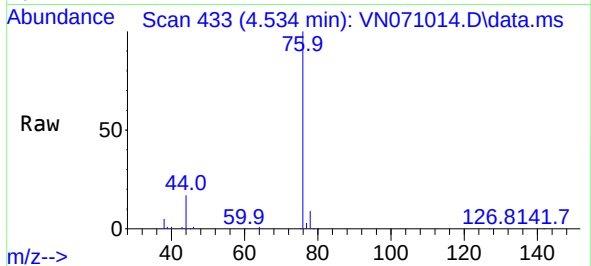
#17
Carbon Disulfide
Concen: 14.822 ug/l
RT: 4.534 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01

Tgt Ion: 76 Resp: 25798
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

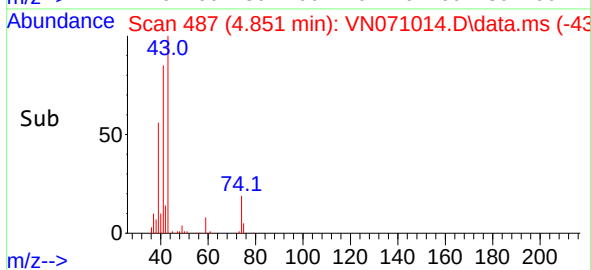
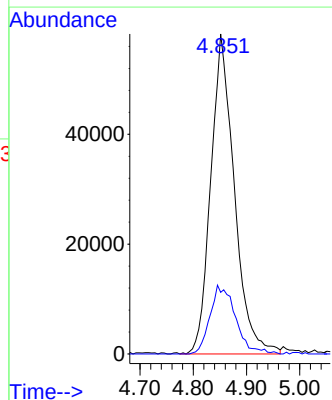
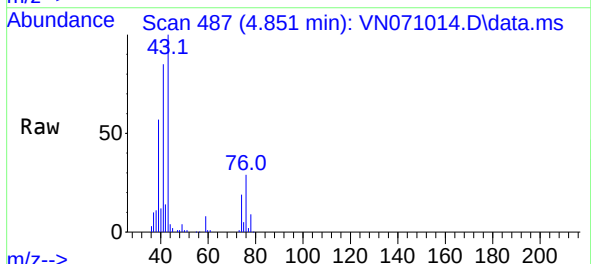
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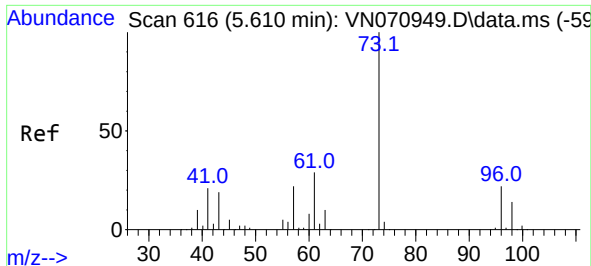
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#18
Methyl Acetate
Concen: 20.596 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

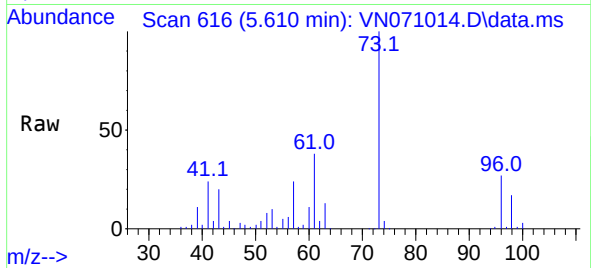
Tgt Ion: 43 Resp: 178904
Ion Ratio Lower Upper
43 100
74 23.3 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 18.647 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

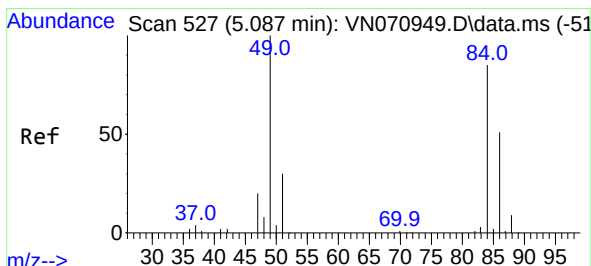
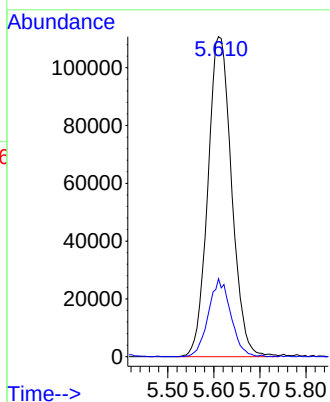
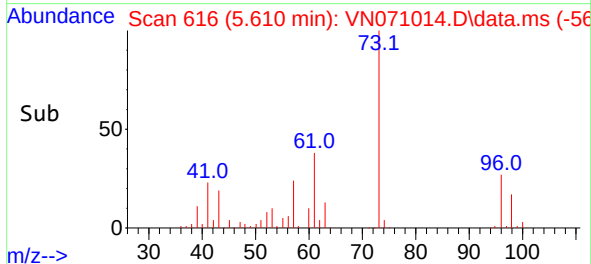
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01



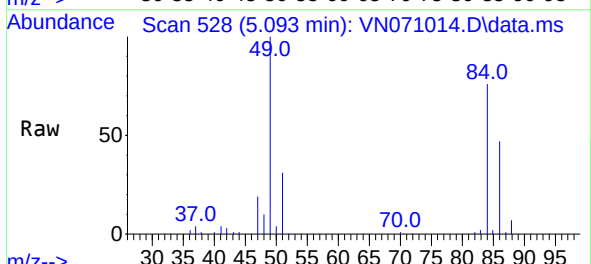
Tgt Ion: 73 Resp: 396990
Ion Ratio Lower Upper
73 100
57 24.3 16.8 25.2

Manual Integrations
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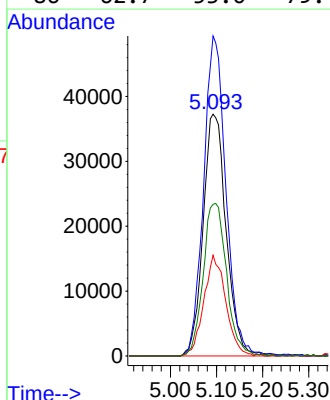
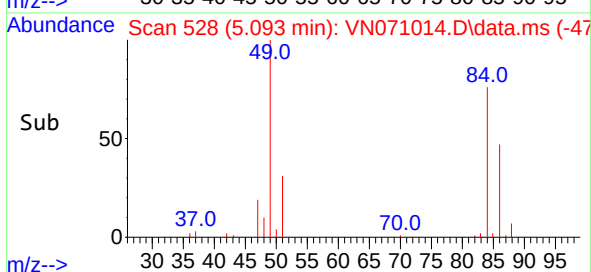
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

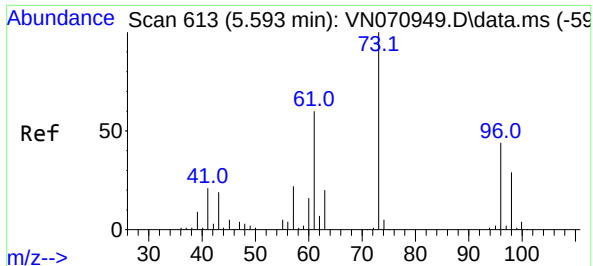


#20
Methylene Chloride
Concen: 18.333 ug/l
RT: 5.093 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39



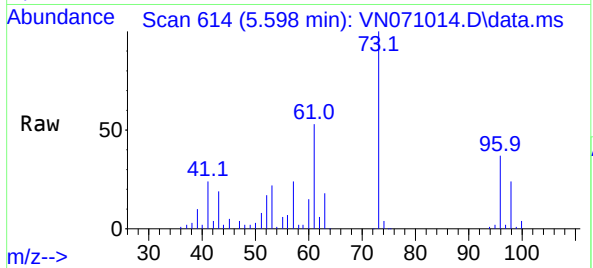
Tgt Ion: 84 Resp: 129941
Ion Ratio Lower Upper
84 100
49 132.3 93.5 140.3
51 41.6 29.4 44.2
86 62.7 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 17.092 ug/l
RT: 5.598 min Scan# 613
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

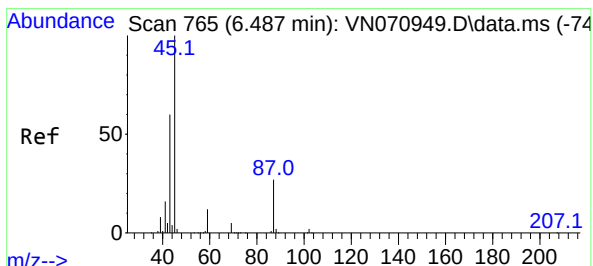
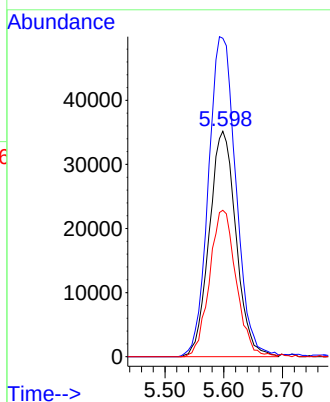
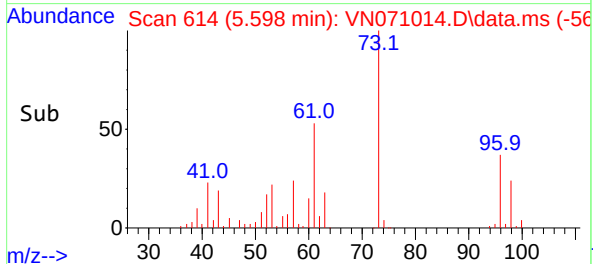
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01



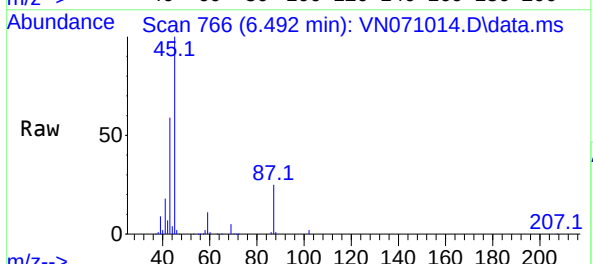
Tgt Ion: 96 Resp: 11134
Ion Ratio Lower Upper
96 100
61 141.2 105.8 158.6
98 64.9 52.0 78.0

Manual Integrations
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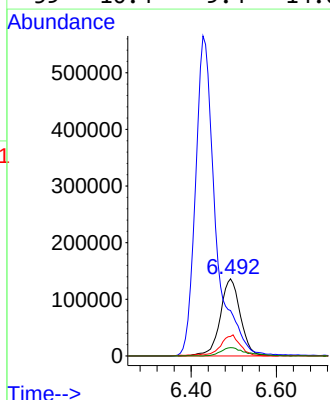
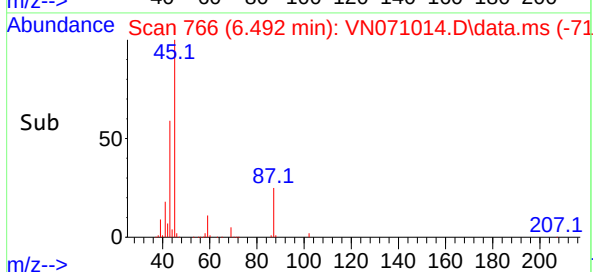
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

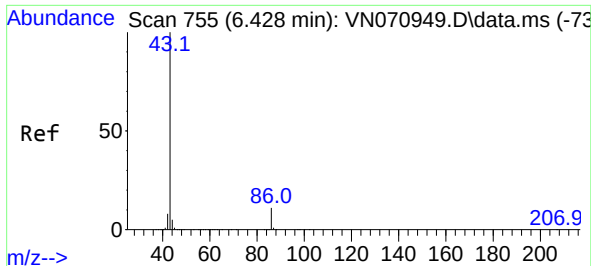


#22
Diisopropyl ether
Concen: 20.075 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39



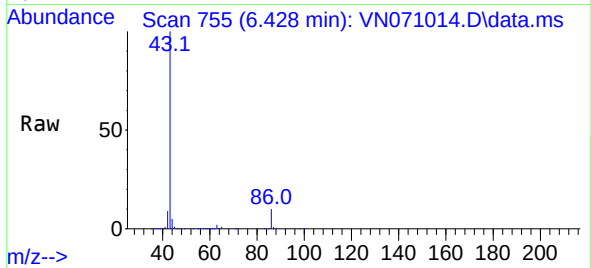
Tgt Ion: 45 Resp: 445675
Ion Ratio Lower Upper
45 100
43 57.6 51.7 77.5
87 25.1 23.2 34.8
59 10.4 9.4 14.0





#23
 Vinyl Acetate
 Concen: 98.203 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. 0.000 min
 Lab File: VN071014.D
 Acq: 18 Feb 2022 20:39

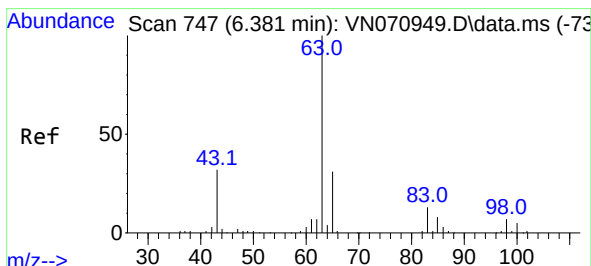
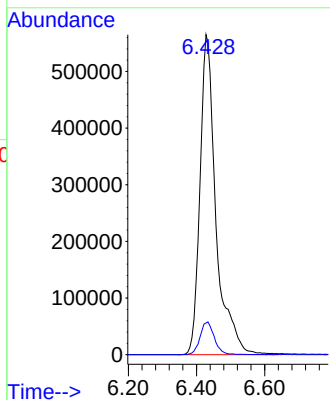
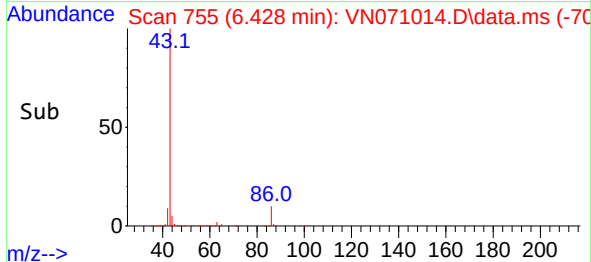
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0218WBSD01



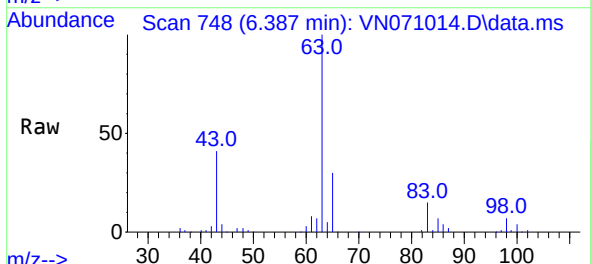
Tgt Ion: 43 Resp: 184550
 Ion Ratio Lower Upper
 43 100
 86 9.9 8.5 12.7

Manual Integrations
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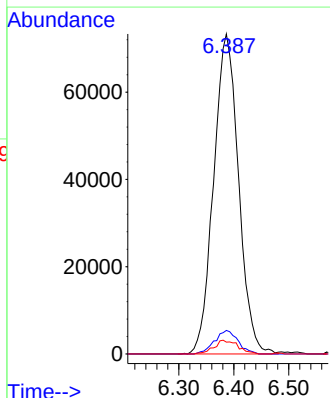
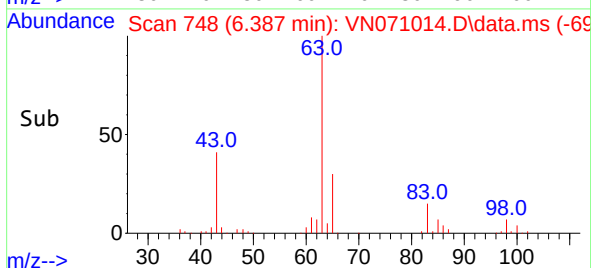
Reviewed By :John Carlone 02/22/2022
 Supervised By :Mahesh Dadoda 02/22/2022

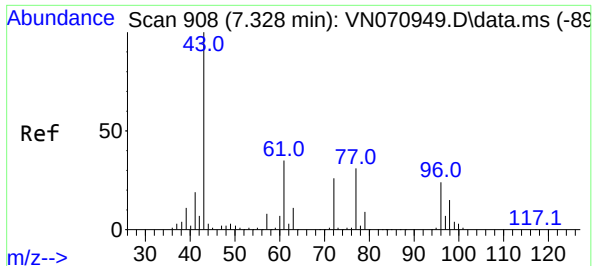


#24
 1,1-Dichloroethane
 Concen: 18.533 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. 0.006 min
 Lab File: VN071014.D
 Acq: 18 Feb 2022 20:39



Tgt Ion: 63 Resp: 230644
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.3 9.9
 100 3.7 2.1 6.5





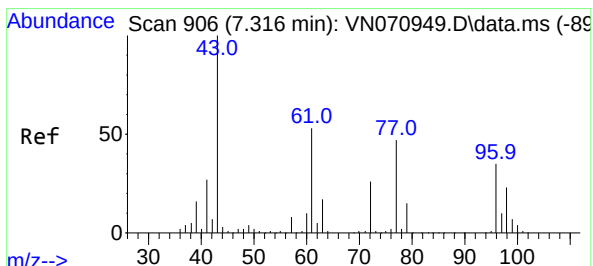
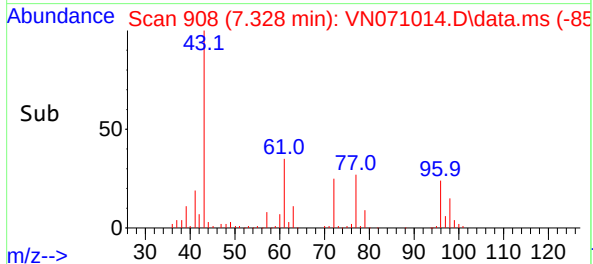
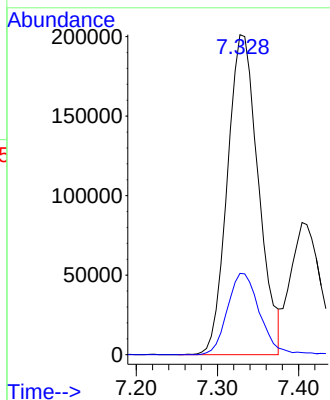
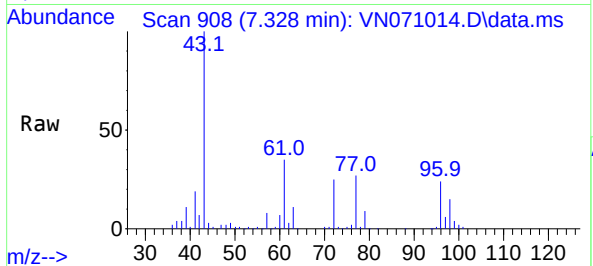
#25
2-Butanone
Concen: 103.106 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

Instrument :
MSVOA_N
Client Sample Id :
VN0218WBSD01

Tgt Ion: 43 Resp: 534934
Ion Ratio Lower Upper
43 100
72 25.4 21.7 32.5

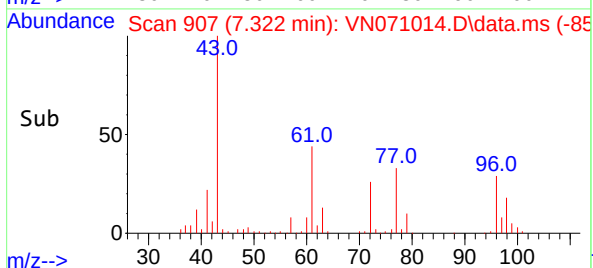
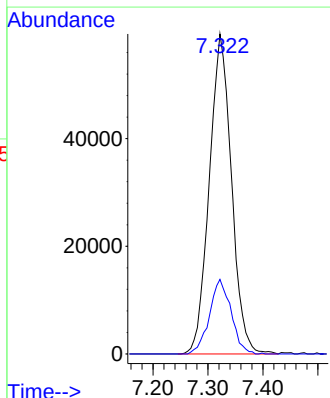
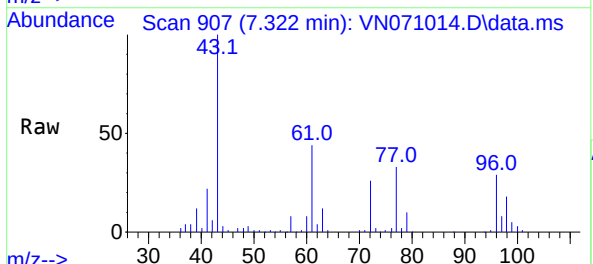
Manual Integrations
APPROVED

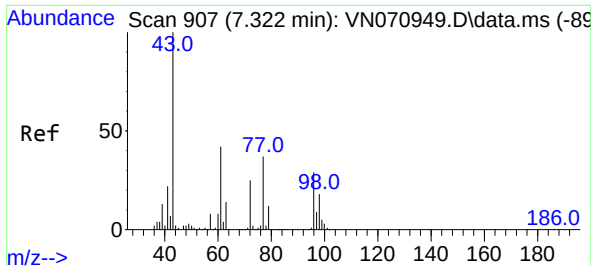
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#26
2,2-Dichloropropane
Concen: 16.127 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

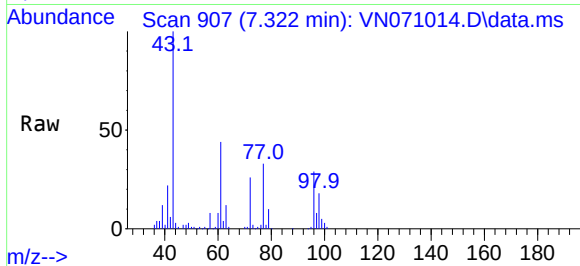
Tgt Ion: 77 Resp: 166802
Ion Ratio Lower Upper
77 100
97 22.7 11.6 34.8





#27
 cis-1,2-Dichloroethene
 Concen: 18.165 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VN071014.D
 Acq: 18 Feb 2022 20:39

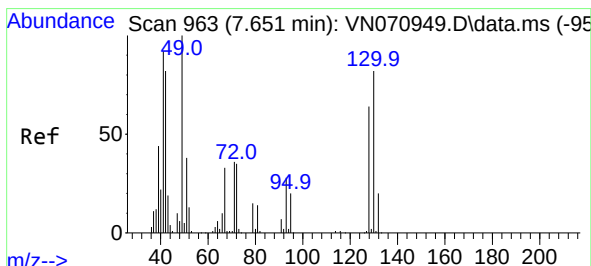
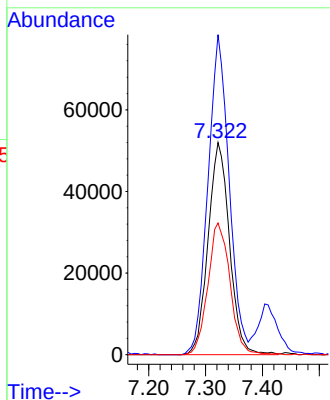
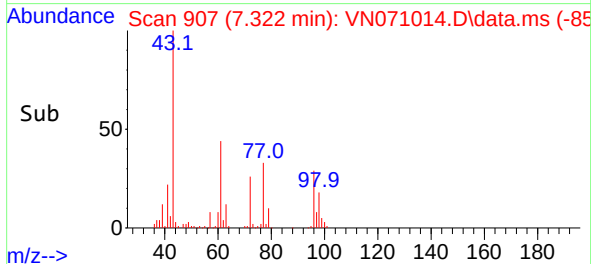
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0218WBSD01



Tgt Ion: 96 Resp: 136000
 Ion Ratio Lower Upper
 96 100
 61 148.7 0.0 275.0
 98 64.2 0.0 129.6

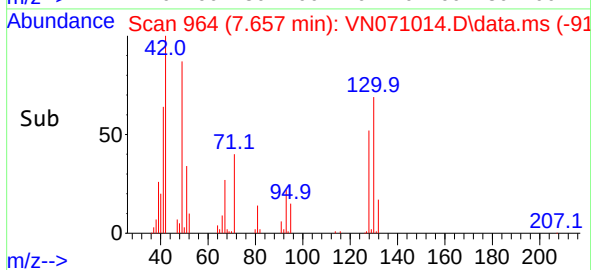
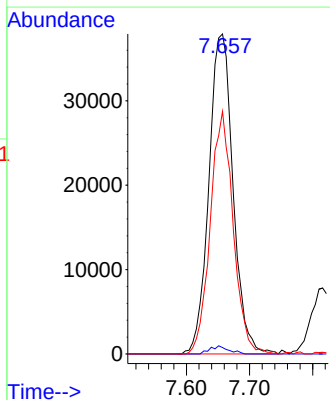
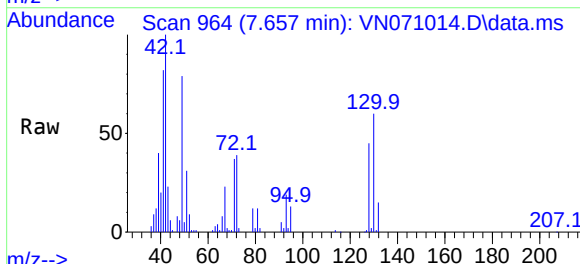
Manual Integrations
 APPROVED

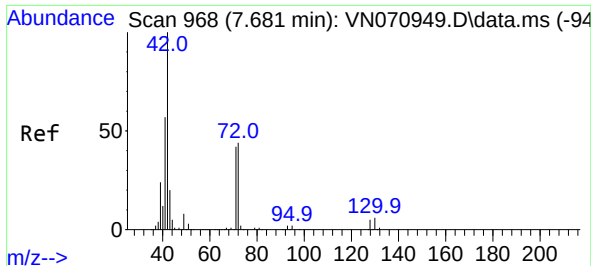
Reviewed By :John Carlone 02/22/2022
 Supervised By :Mahesh Dadoda 02/22/2022



#28
 Bromochloromethane
 Concen: 19.997 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. 0.006 min
 Lab File: VN071014.D
 Acq: 18 Feb 2022 20:39

Tgt Ion: 49 Resp: 100723
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 71.8 67.8 101.8





#29

Tetrahydrofuran

Concen: 112.213 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: VN071014.D

Acq: 18 Feb 2022 20:39

Instrument :

MSVOA_N

ClientSampleId :

VN0218WBSD01

Tgt Ion: 42 Resp: 37714

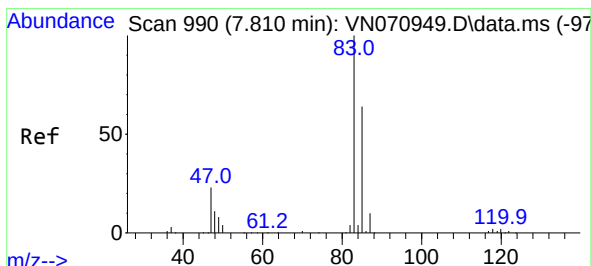
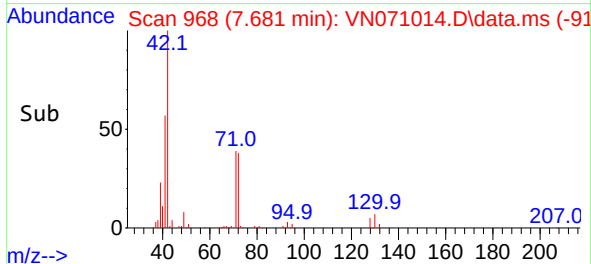
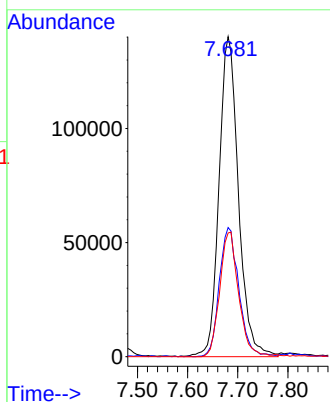
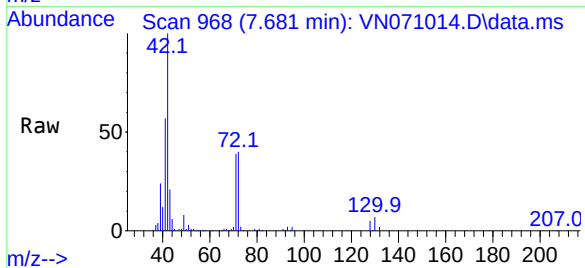
Ion	Ratio	Lower	Upper
42	100		
72	40.6	36.3	54.5
71	37.8	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#30

Chloroform

Concen: 18.632 ug/l

RT: 7.816 min Scan# 991

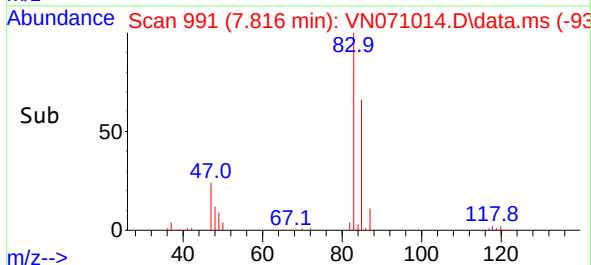
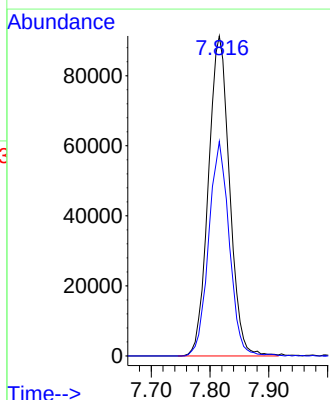
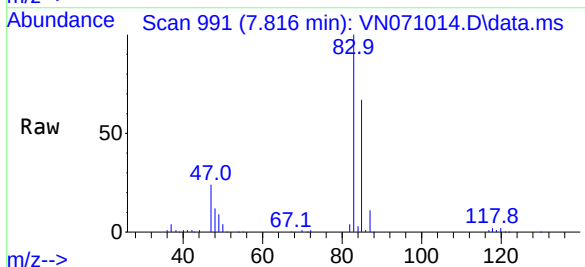
Delta R.T. 0.006 min

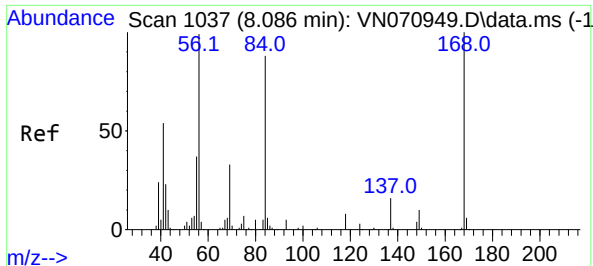
Lab File: VN071014.D

Acq: 18 Feb 2022 20:39

Tgt Ion: 83 Resp: 228061

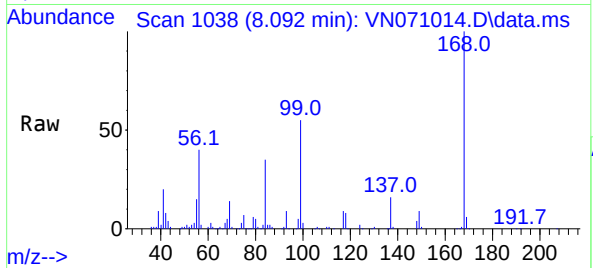
Ion	Ratio	Lower	Upper
83	100		
85	67.0	51.9	77.9





#31
Cyclohexane
Concen: 17.933 ug/l
RT: 8.092 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

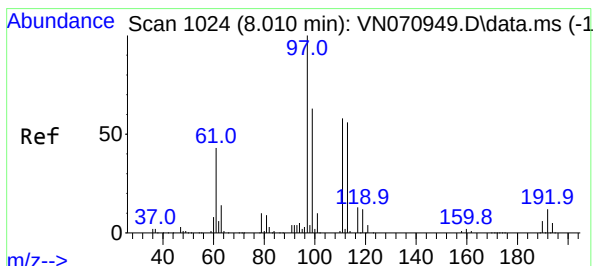
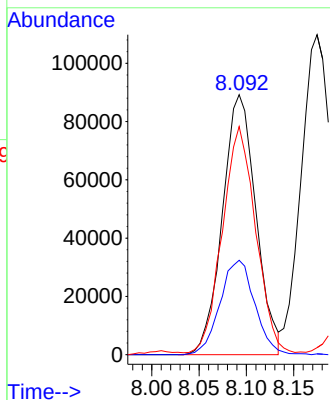
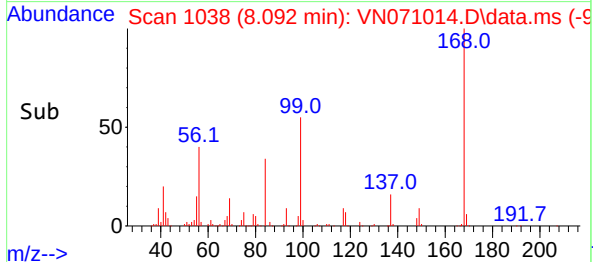
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01



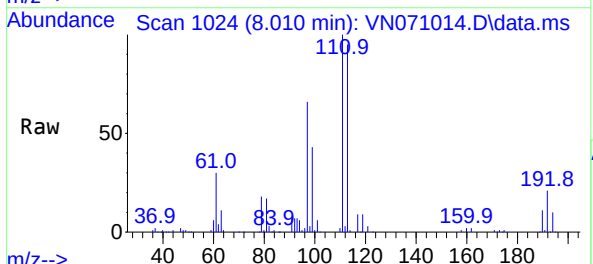
Tgt Ion: 56 Resp: 219640
Ion Ratio Lower Upper
56 100
69 36.3 27.1 40.7
84 86.9 73.4 110.0

Manual Integrations
APPROVED

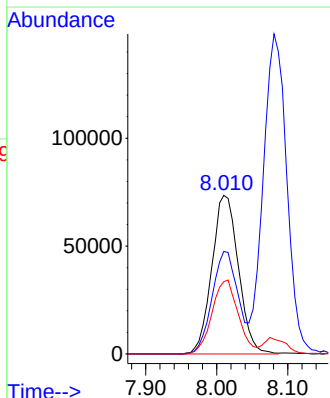
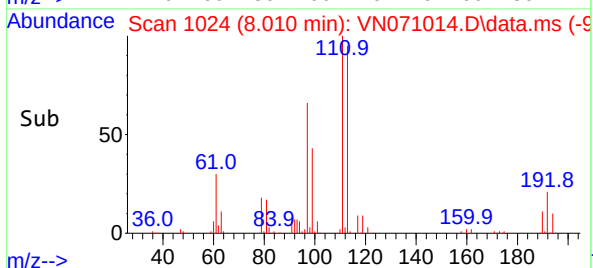
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

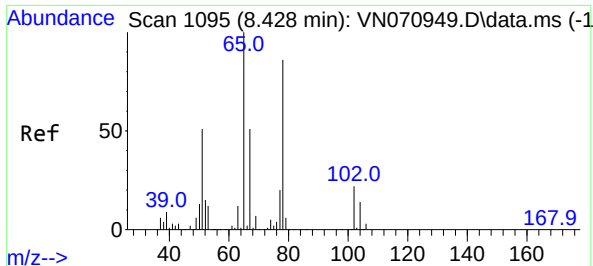


#32
1,1,1-Trichloroethane
Concen: 18.068 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39



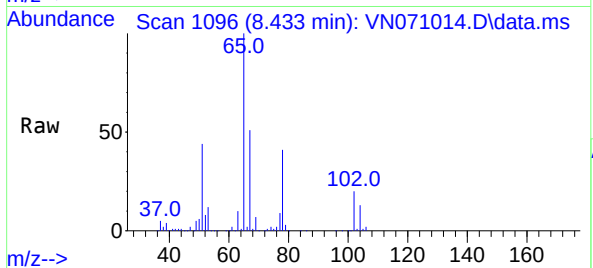
Tgt Ion: 97 Resp: 190982
Ion Ratio Lower Upper
97 100
99 64.3 50.1 75.1
61 46.0 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 52.982 ug/l
RT: 8.433 min Scan# 1095
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

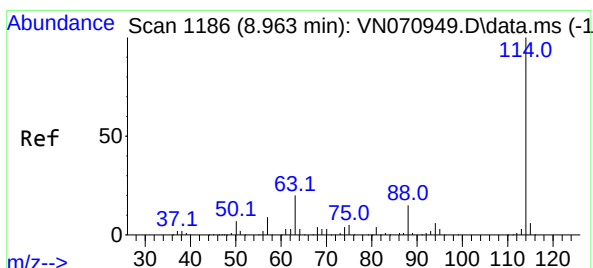
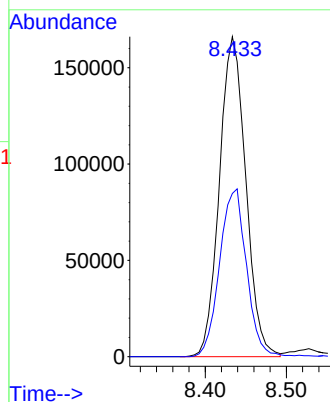
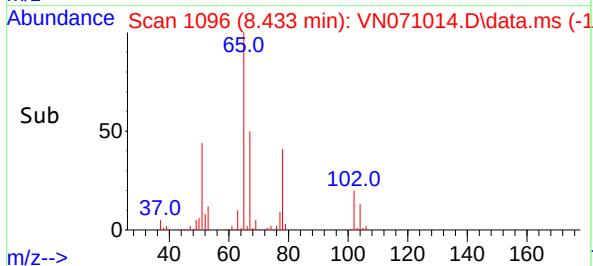
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01



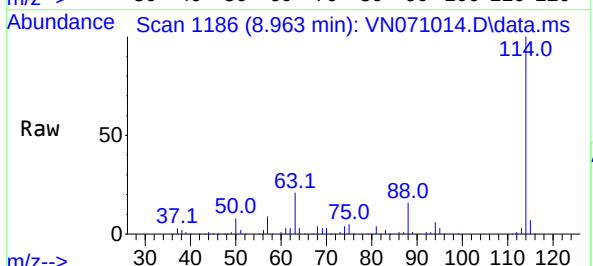
Tgt Ion: 65 Resp: 375204
Ion Ratio Lower Upper
65 100
67 53.4 0.0 103.0

Manual Integrations
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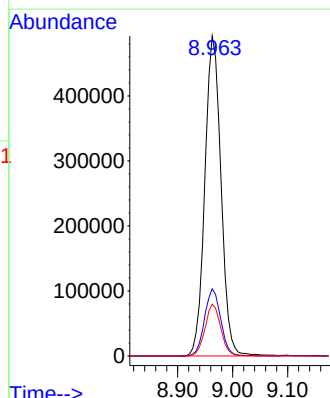
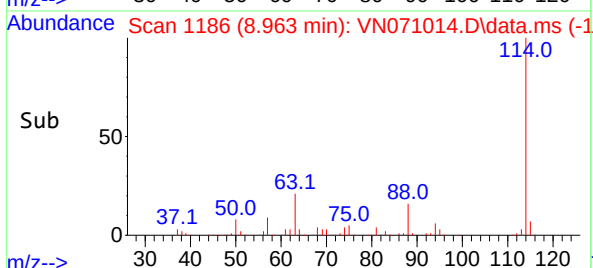
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

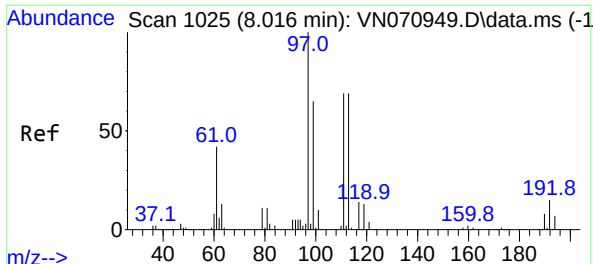


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39



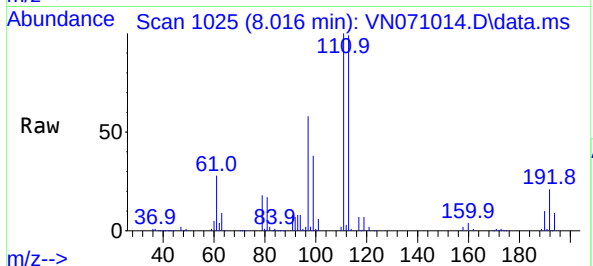
Tgt Ion:114 Resp: 1005712
Ion Ratio Lower Upper
114 100
63 21.0 0.0 37.8
88 16.2 0.0 27.4





#35
Dibromofluoromethane
Concen: 49.744 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

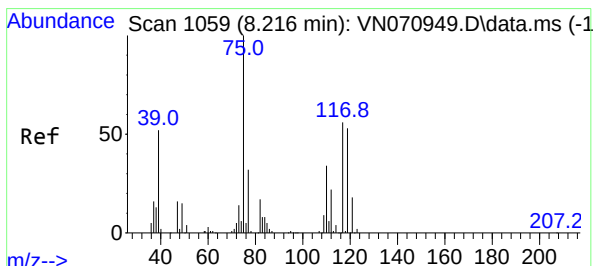
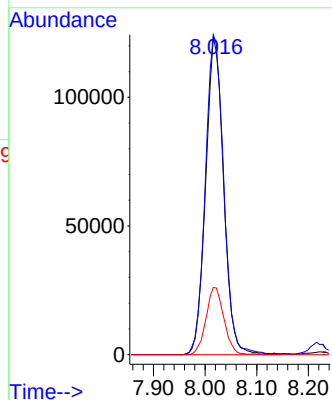
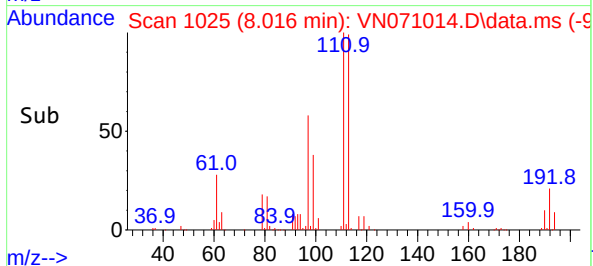
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01



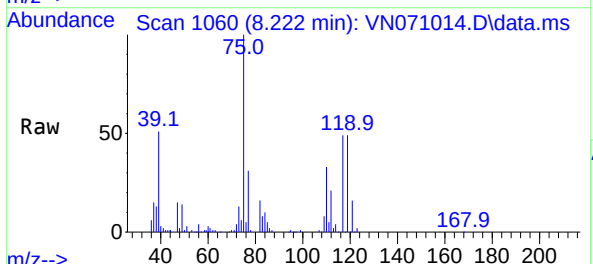
Tgt Ion: 113 Resp: 297569
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.2
192 21.1 16.9 25.3

Manual Integrations
APPROVED

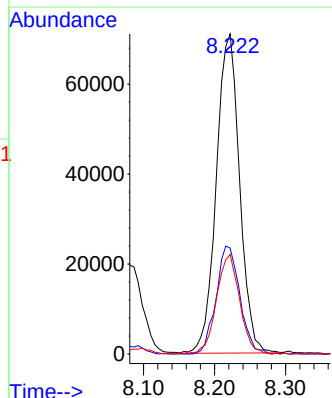
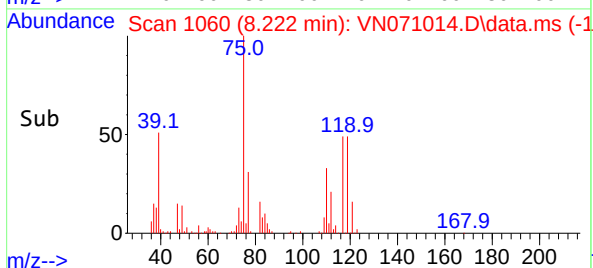
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

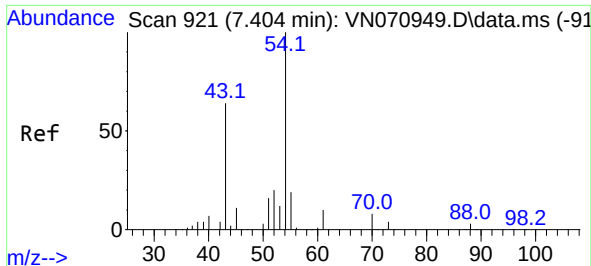


#36
1,1-Dichloropropene
Concen: 16.490 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39



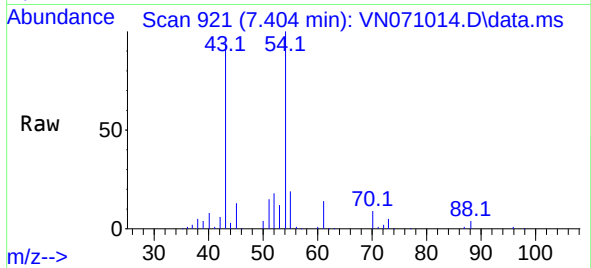
Tgt Ion: 75 Resp: 161606
Ion Ratio Lower Upper
75 100
110 34.4 18.4 55.2
77 31.0 24.4 36.6





#37
Ethyl Acetate
Concen: 21.336 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

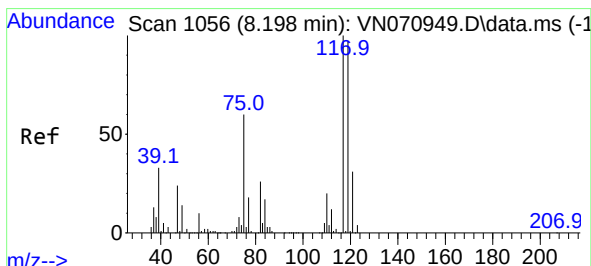
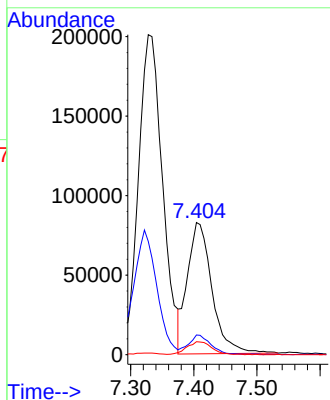
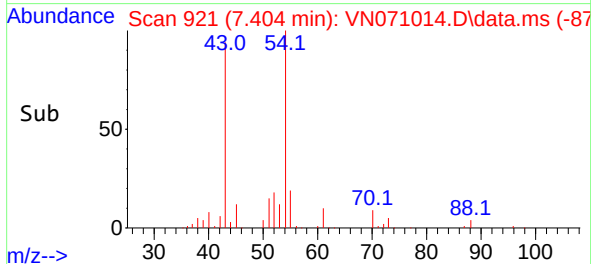
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01



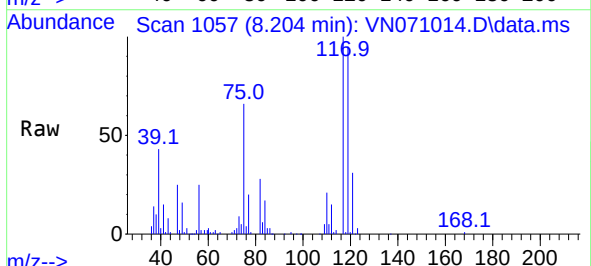
Tgt Ion: 43 Resp: 224254
Ion Ratio Lower Upper
43 100
61 13.2 11.5 17.3
70 10.0 7.9 11.9

Manual Integrations
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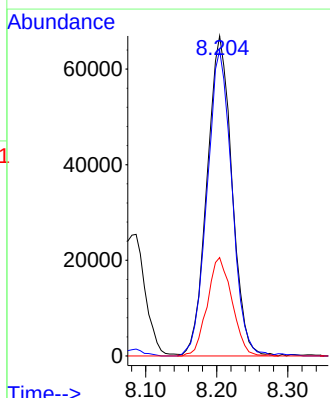
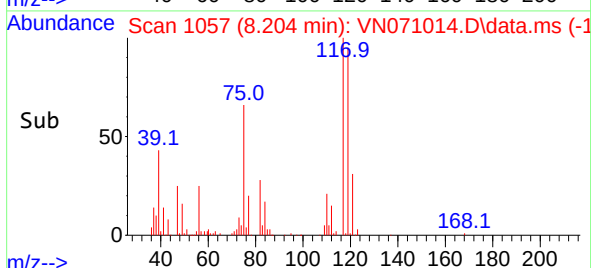
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

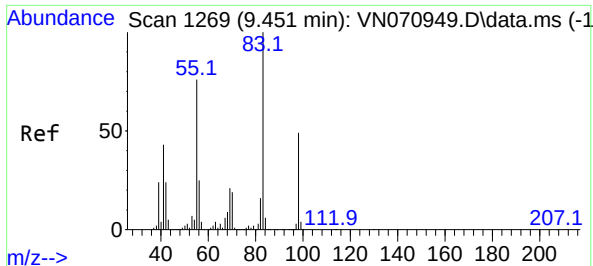


#38
Carbon Tetrachloride
Concen: 16.834 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39



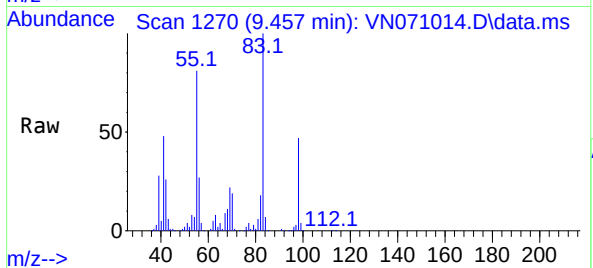
Tgt Ion:117 Resp: 162556
Ion Ratio Lower Upper
117 100
119 95.5 76.1 114.1
121 30.8 24.2 36.2





#39
Methylcyclohexane
Concen: 15.203 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

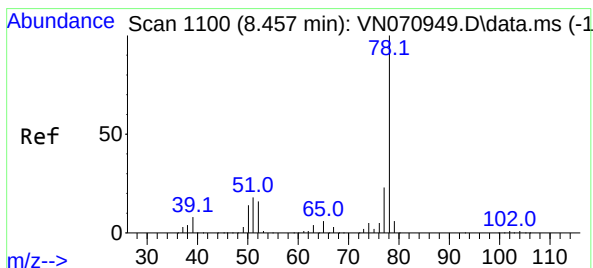
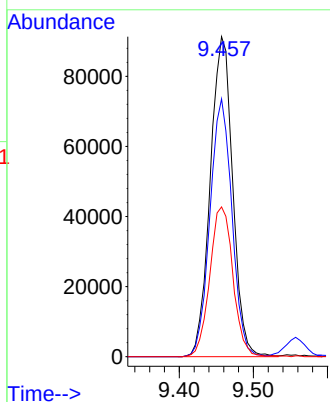
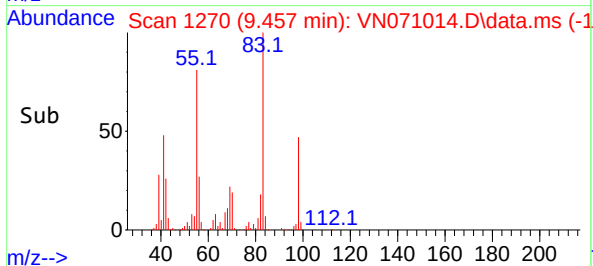
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01



Tgt Ion: 83 Resp: 19171
Ion Ratio Lower Upper
83 100
55 80.5 58.1 87.1
98 46.8 38.4 57.6

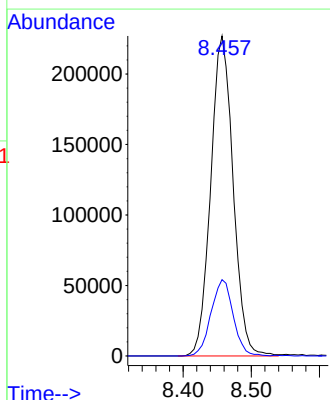
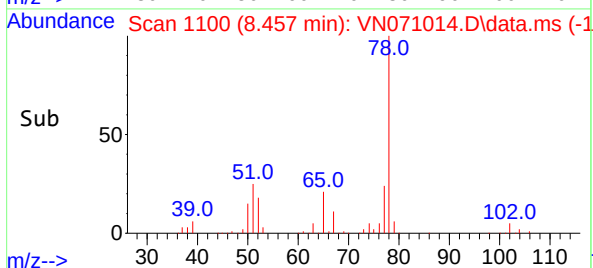
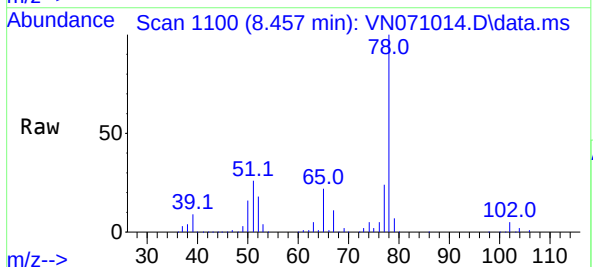
Manual Integrations
APPROVED

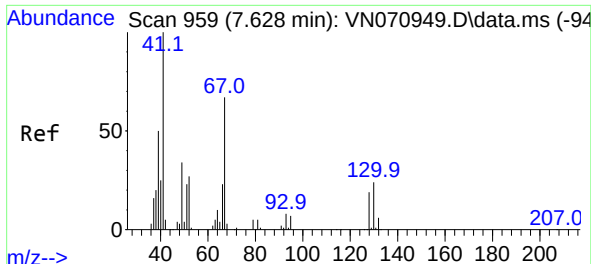
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#40
Benzene
Concen: 17.913 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

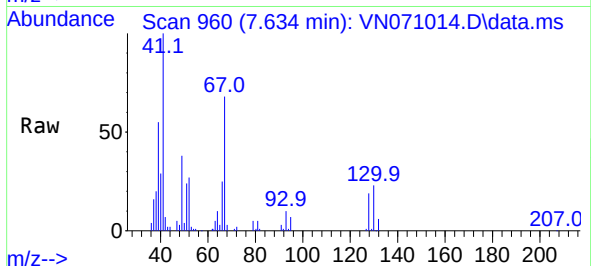
Tgt Ion: 78 Resp: 519283
Ion Ratio Lower Upper
78 100
77 23.9 18.6 27.8





#41
Methacrylonitrile
Concen: 17.629 ug/l
RT: 7.634 min Scan# 910
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

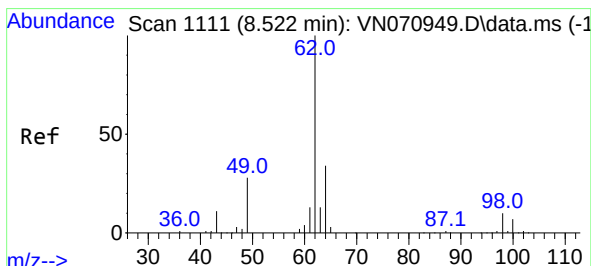
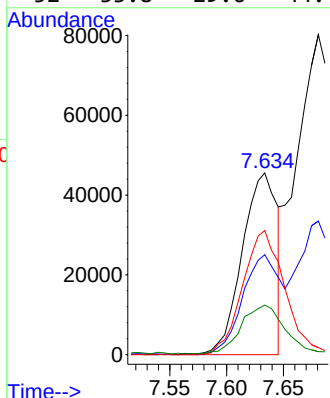
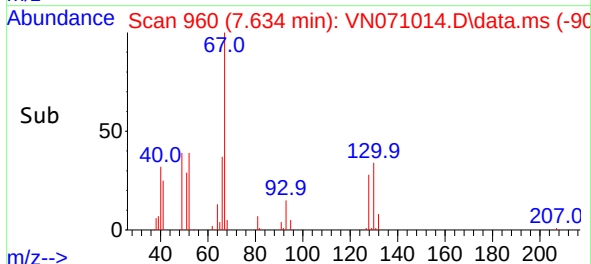
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01



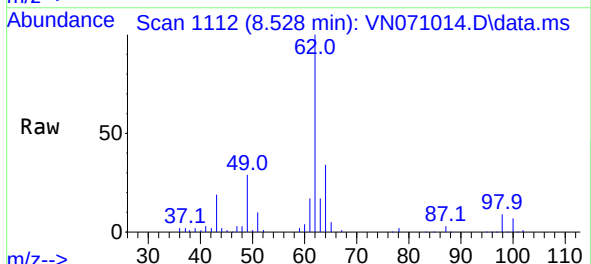
Tgt Ion: 41 Resp: 9759
Ion Ratio Lower Upper
41 100
39 60.1 48.1 72.1
67 83.0 68.3 102.5
52 33.8 29.6 44.4

Manual Integrations
APPROVED

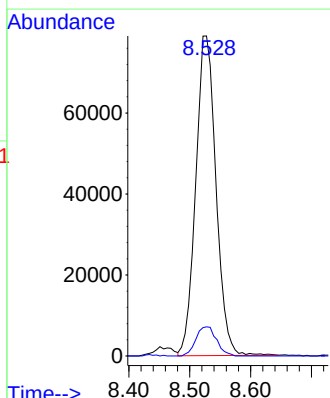
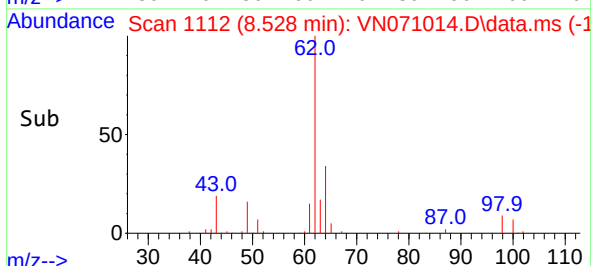
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

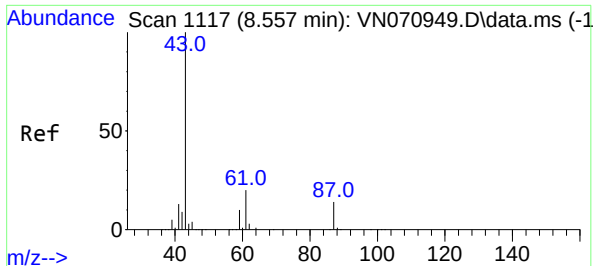


#42
1,2-Dichloroethane
Concen: 18.458 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39



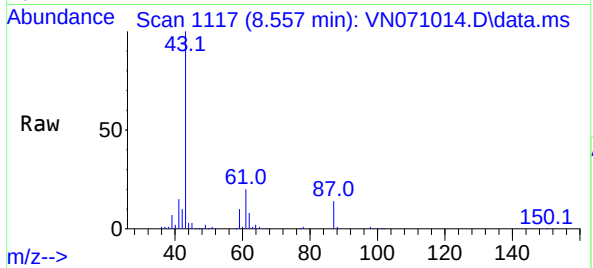
Tgt Ion: 62 Resp: 182245
Ion Ratio Lower Upper
62 100
98 9.3 0.0 17.6





#43
Isopropyl Acetate
Concen: 19.425 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

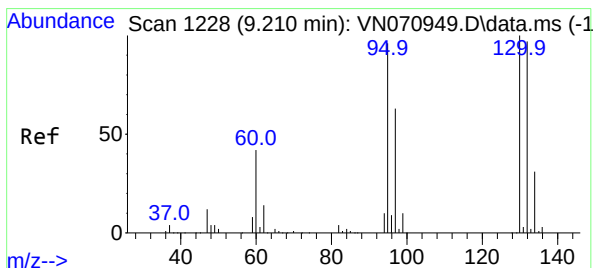
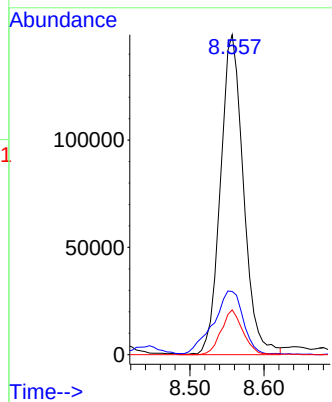
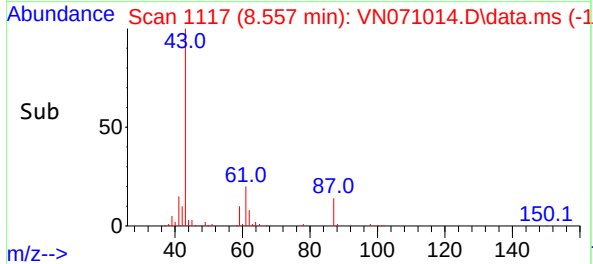
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01



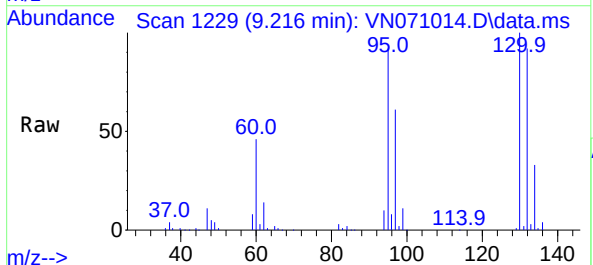
Tgt Ion: 43 Resp: 32181
Ion Ratio Lower Upper
43 100
61 26.3 20.4 30.6
87 13.2 11.2 16.8

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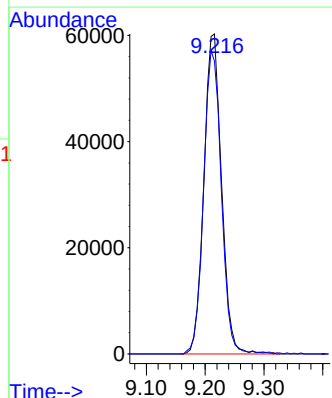
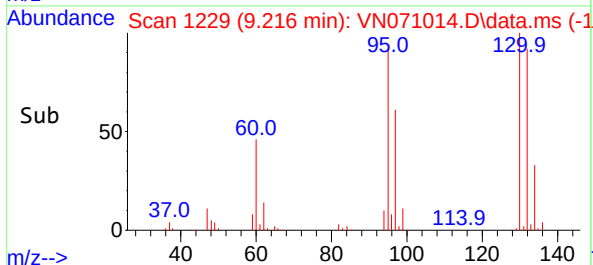
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

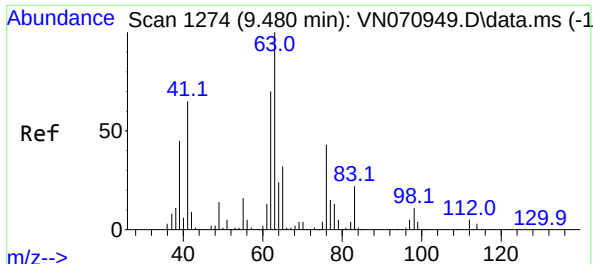


#44
Trichloroethene
Concen: 16.459 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39



Tgt Ion:130 Resp: 125648
Ion Ratio Lower Upper
130 100
95 91.5 0.0 191.2





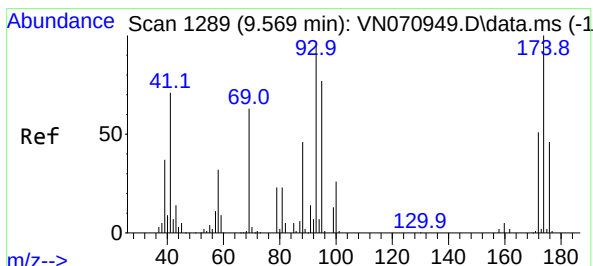
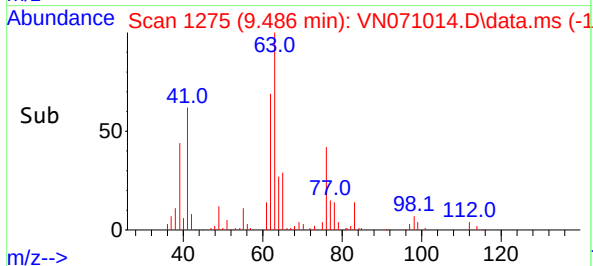
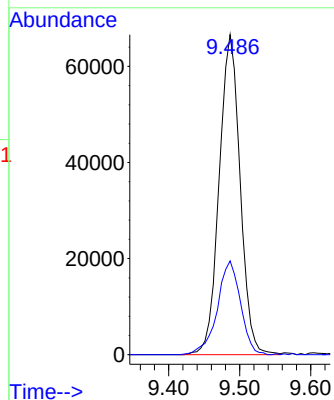
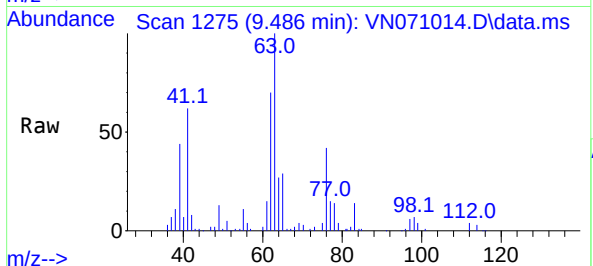
#45
1,2-Dichloropropane
Concen: 18.359 ug/l
RT: 9.486 min Scan# 1274
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01

Tgt Ion: 63 Resp: 13633
Ion Ratio Lower Upper
63 100
65 29.3 24.7 37.1

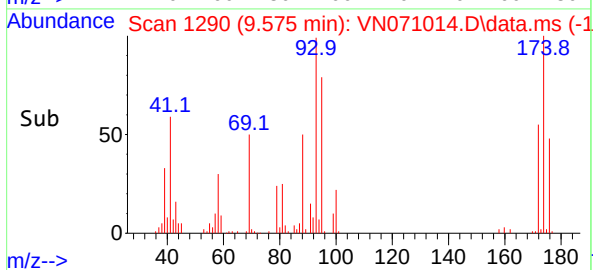
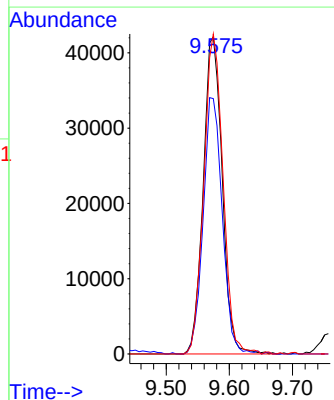
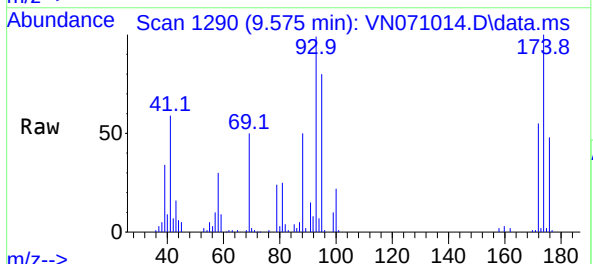
Manual Integrations
APPROVED

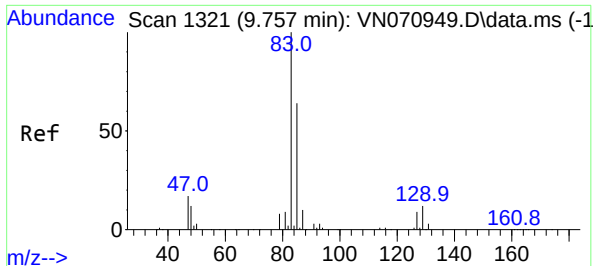
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#46
Dibromomethane
Concen: 17.991 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

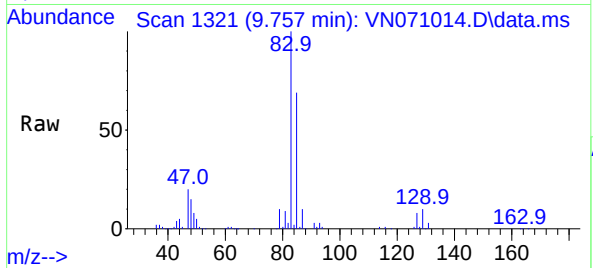
Tgt Ion: 93 Resp: 87921
Ion Ratio Lower Upper
93 100
95 81.8 65.9 98.9
174 101.9 84.6 127.0





#47
Bromodichloromethane
Concen: 17.394 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

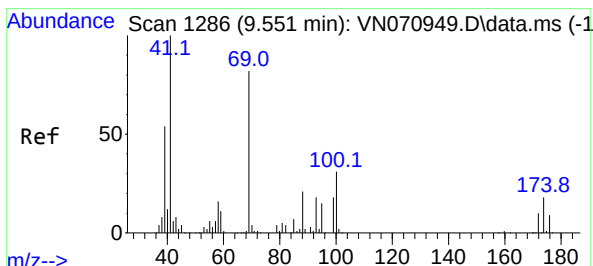
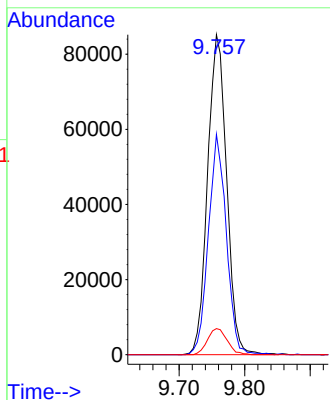
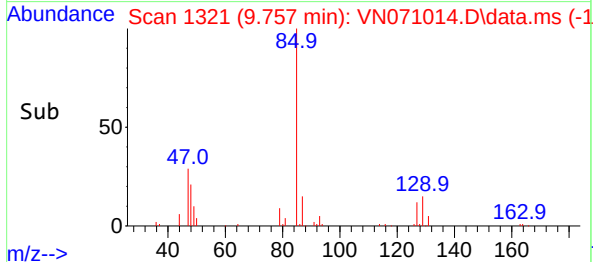
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01



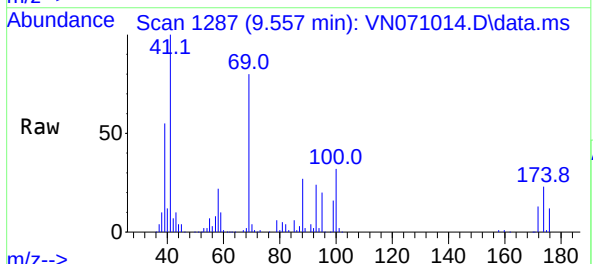
Tgt Ion: 83 Resp: 17179
Ion Ratio Lower Upper
83 100
85 68.8 50.9 76.3
127 8.2 7.1 10.7

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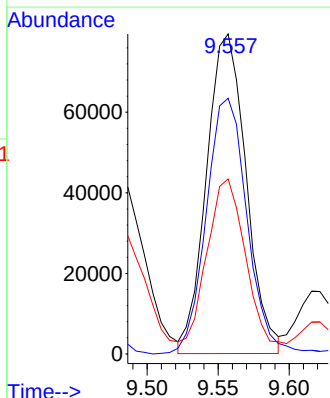
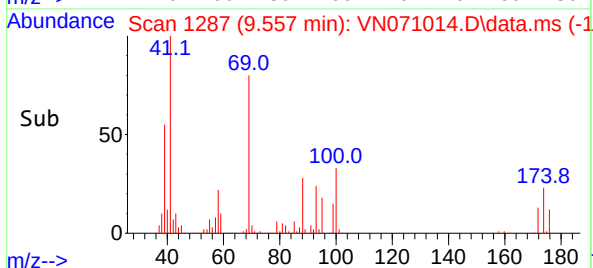
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

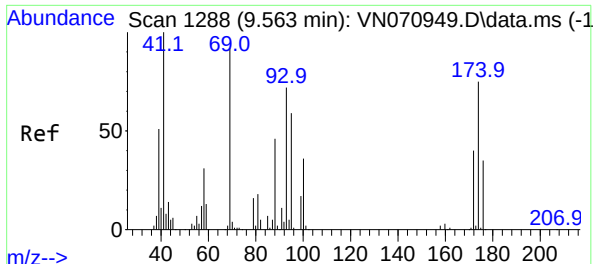


#48
Methyl methacrylate
Concen: 19.664 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39



Tgt Ion: 41 Resp: 154200
Ion Ratio Lower Upper
41 100
69 82.9 72.4 108.6
39 54.8 58.4 87.6#





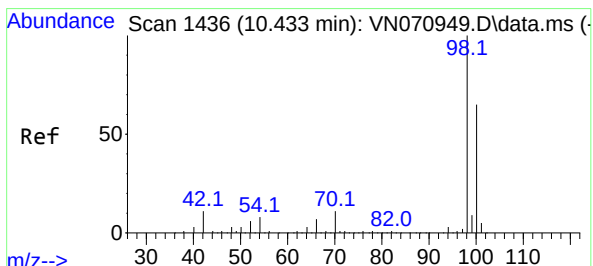
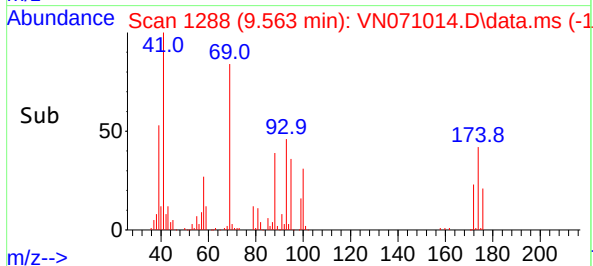
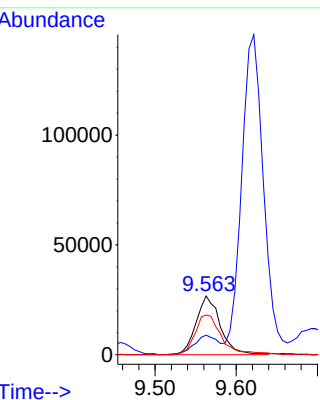
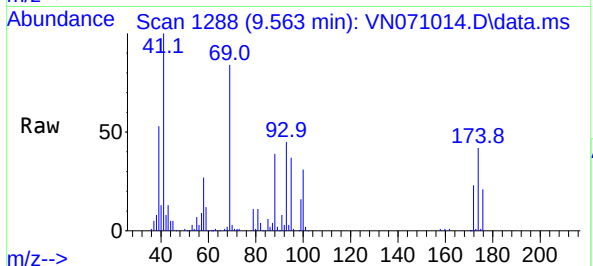
#49
1,4-Dioxane
Concen: 396.037 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01

Tgt Ion: 88 Resp: 55160
Ion Ratio Lower Upper
88 100
43 32.2 23.4 35.2
58 74.5 50.6 75.8

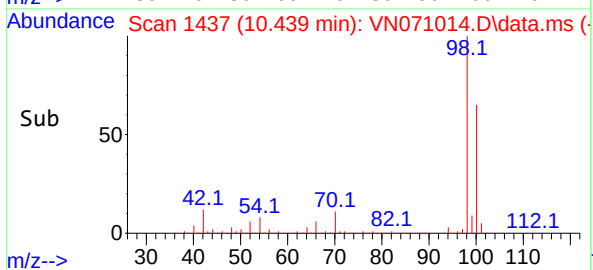
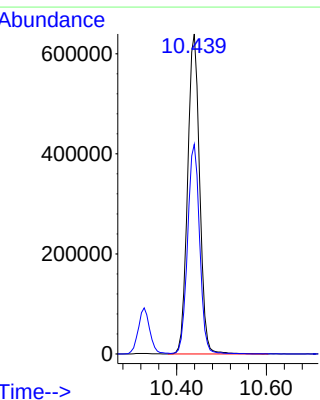
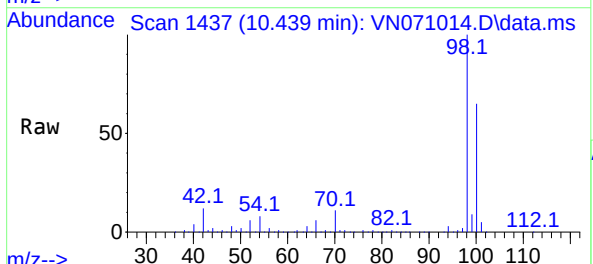
Manual Integrations
APPROVED

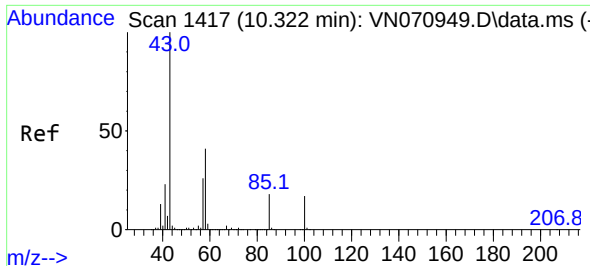
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#50
Toluene-d8
Concen: 49.357 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

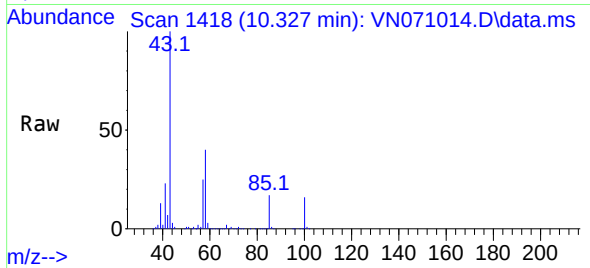
Tgt Ion: 98 Resp: 1185703
Ion Ratio Lower Upper
98 100
100 66.0 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 105.845 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

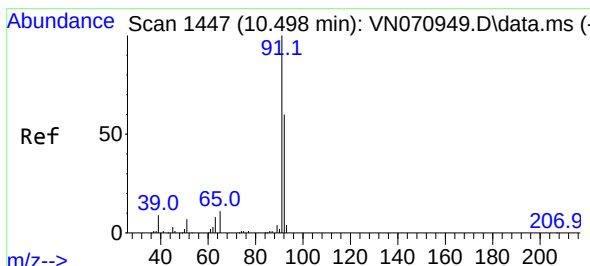
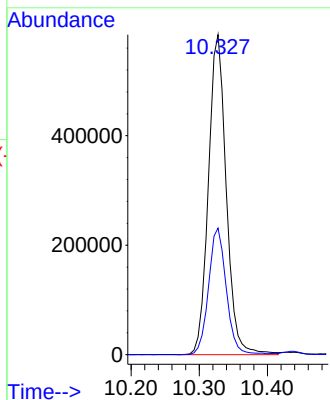
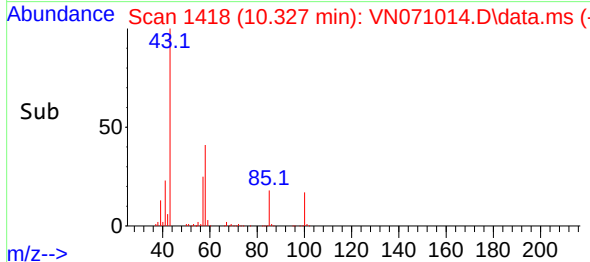
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01



Tgt Ion: 43 Resp: 106690
Ion Ratio Lower Upper
43 100
58 39.3 30.4 45.6

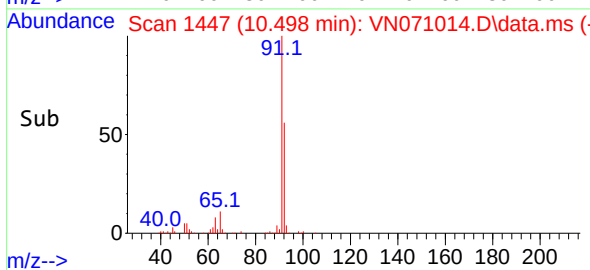
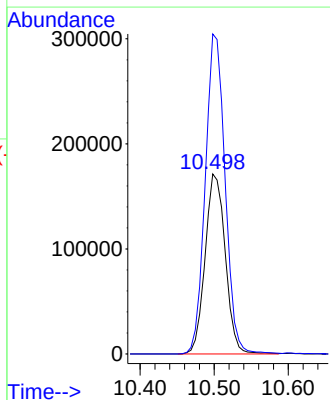
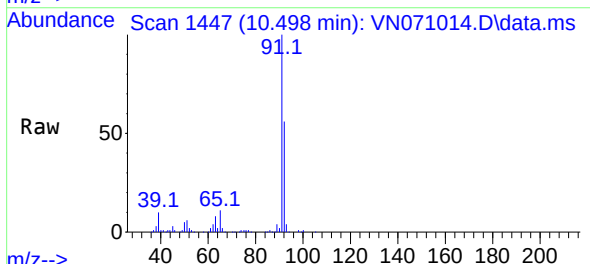
Manual Integrations
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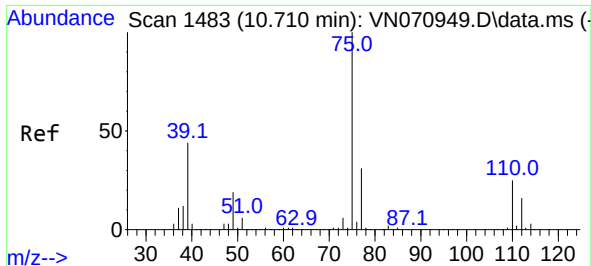
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#52
Toluene
Concen: 17.790 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

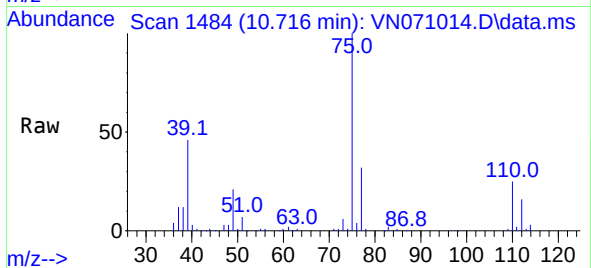
Tgt Ion: 92 Resp: 324064
Ion Ratio Lower Upper
92 100
91 174.9 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 16.370 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

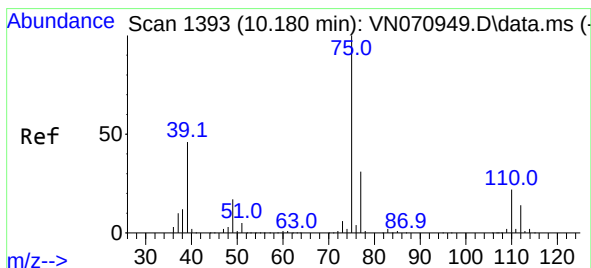
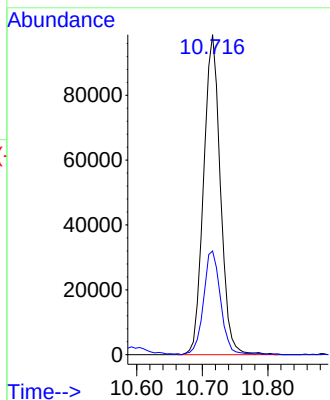
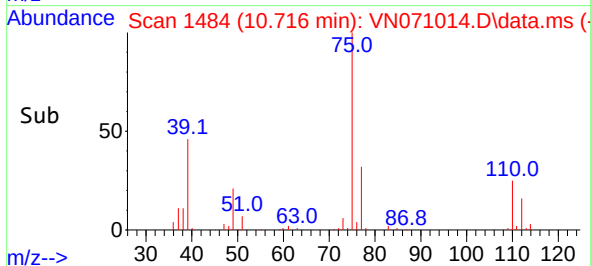
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01



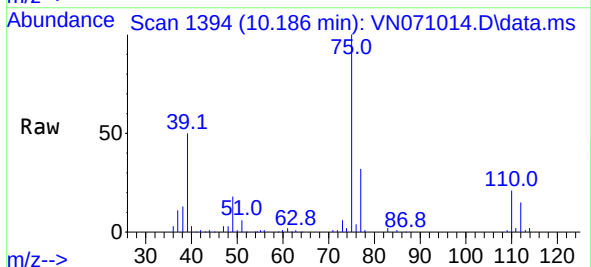
Tgt Ion: 75 Resp: 175800
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4

Manual Integrations
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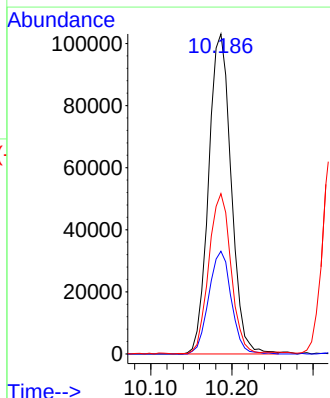
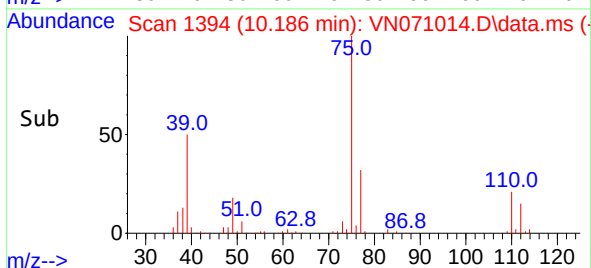
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

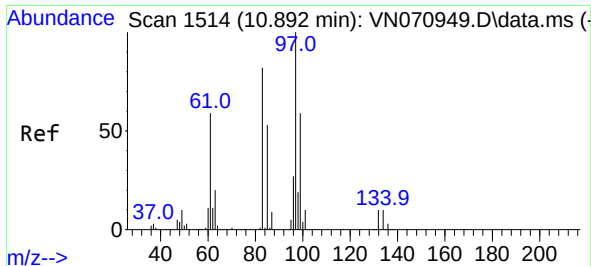


#54
cis-1,3-Dichloropropene
Concen: 16.881 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39



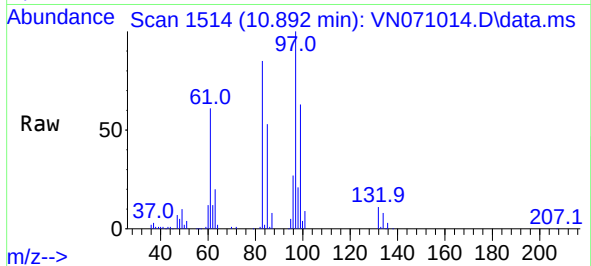
Tgt Ion: 75 Resp: 199098
Ion Ratio Lower Upper
75 100
77 32.1 26.4 39.6
39 49.9 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 18.335 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01

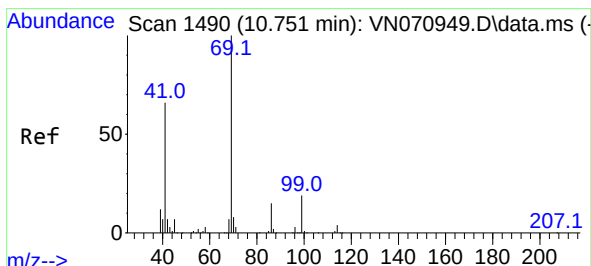
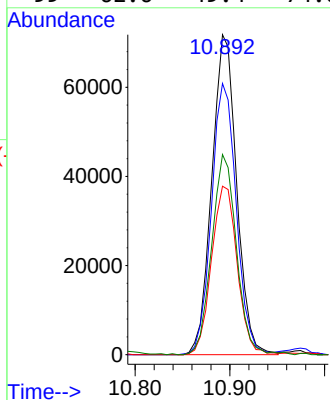
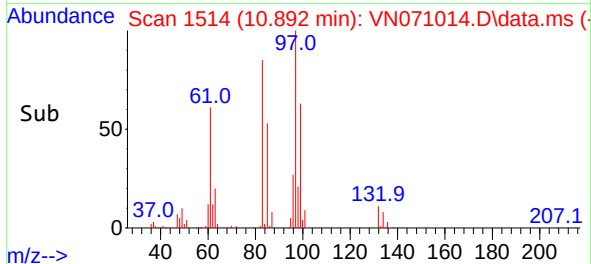


Tgt Ion: 97 Resp: 130730

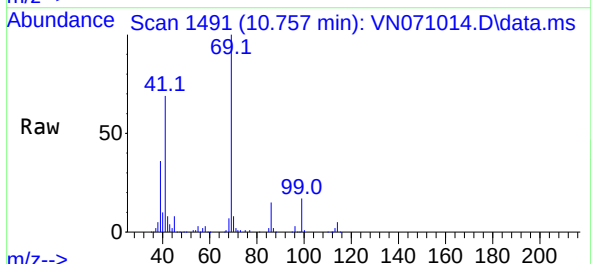
Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.8	101.6
85	52.7	45.4	68.2
99	62.6	49.4	74.0

Manual Integrations
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Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

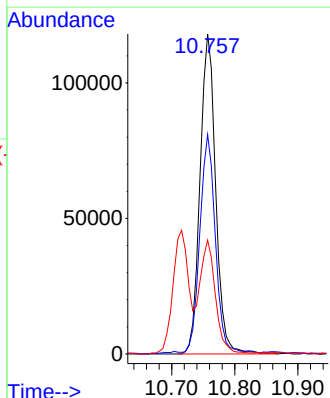
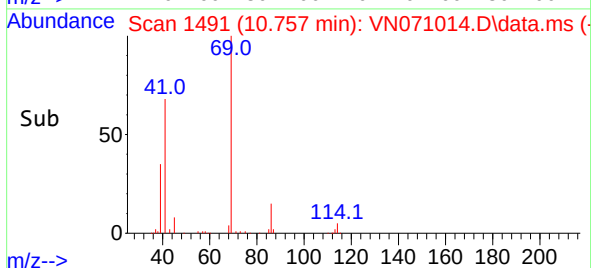


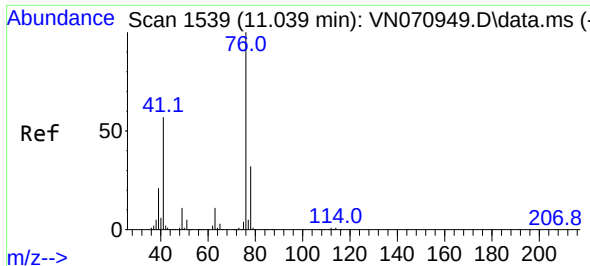
#56
Ethyl methacrylate
Concen: 18.932 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39



Tgt Ion: 69 Resp: 203393

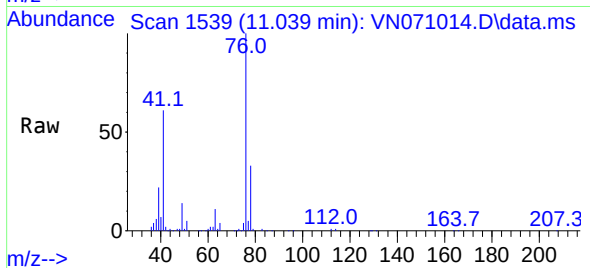
Ion	Ratio	Lower	Upper
69	100		
41	67.2	51.4	77.0
39	35.4	34.6	52.0





#57
1,3-Dichloropropane
Concen: 18.711 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

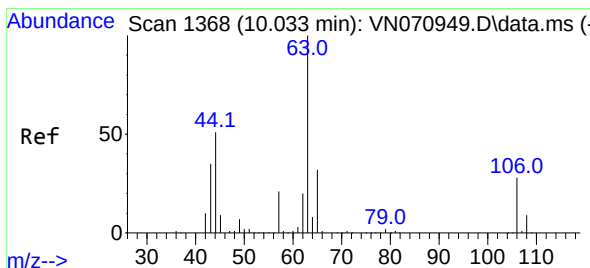
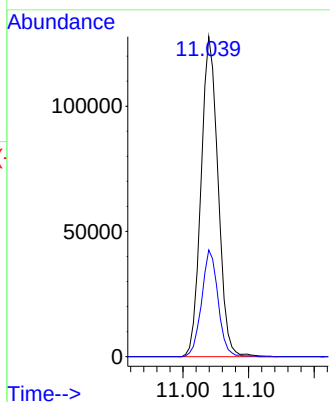
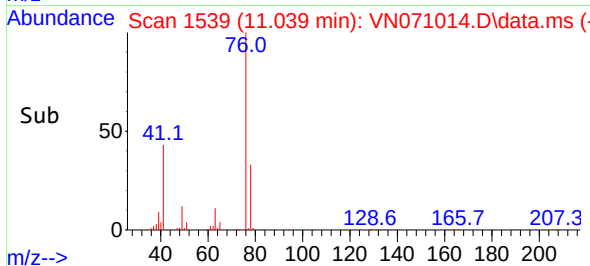
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01



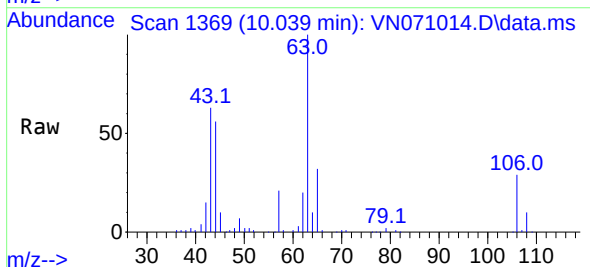
Tgt Ion: 76 Resp: 23077
Ion Ratio Lower Upper
76 100
78 32.2 25.7 38.5

Manual Integrations
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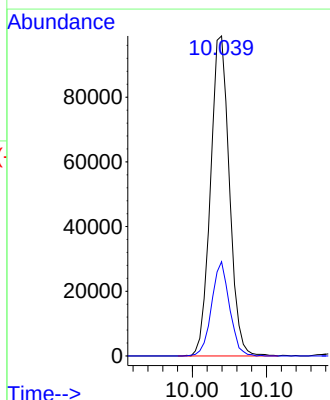
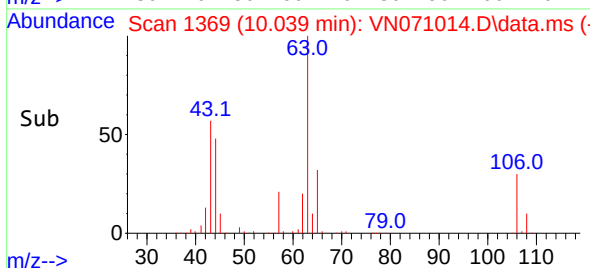
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

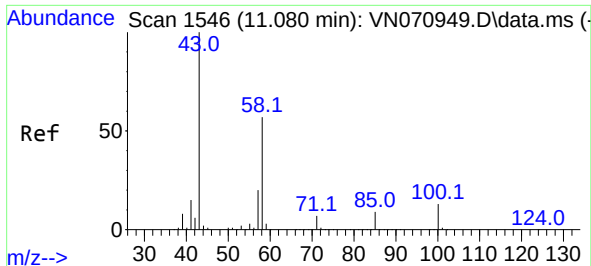


#58
2-Chloroethyl Vinyl ether
Concen: 95.752 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39



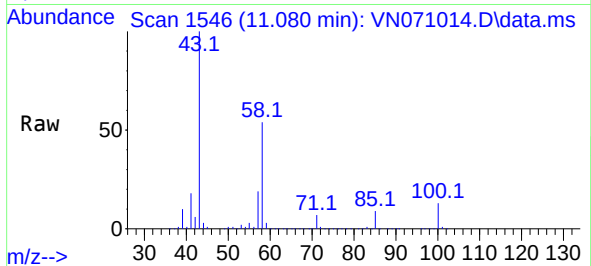
Tgt Ion: 63 Resp: 175101
Ion Ratio Lower Upper
63 100
106 27.9 23.9 35.9





#59
2-Hexanone
Concen: 104.901 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

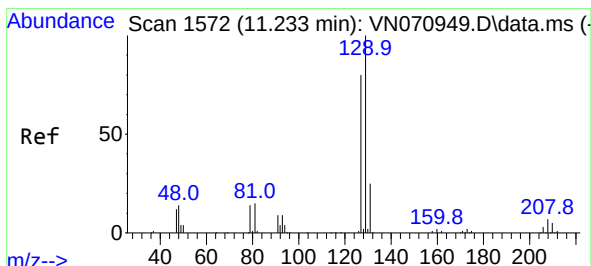
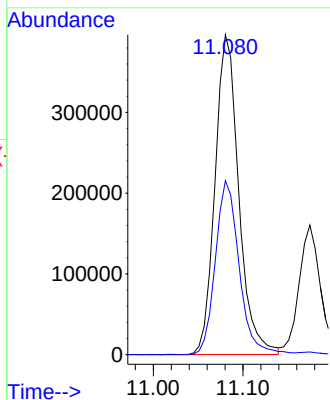
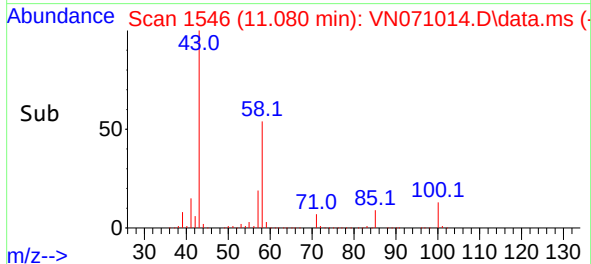
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01



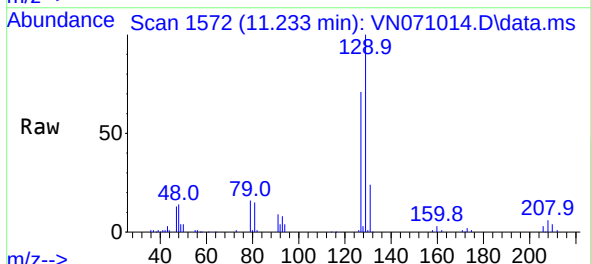
Tgt Ion: 43 Resp: 727220
Ion Ratio Lower Upper
43 100
58 54.6 26.9 80.7

Manual Integrations
APPROVED

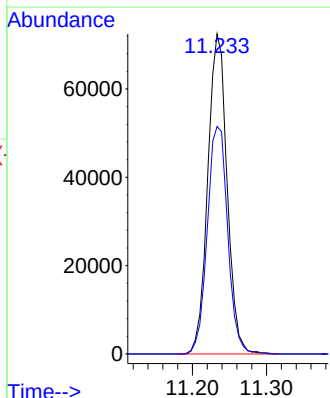
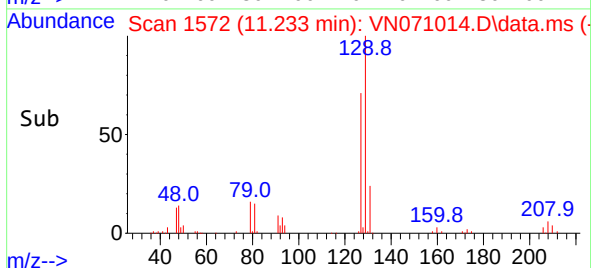
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

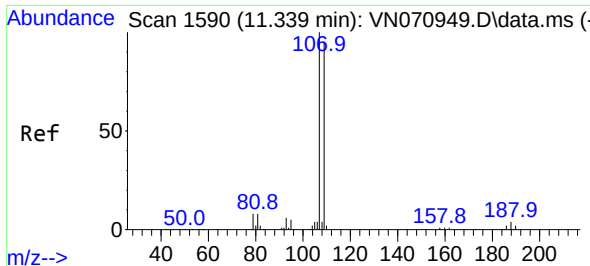


#60
Dibromochloromethane
Concen: 17.406 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39



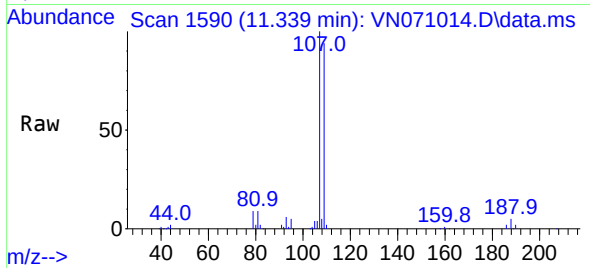
Tgt Ion:129 Resp: 131168
Ion Ratio Lower Upper
129 100
127 75.2 38.6 116.0





#61
1,2-Dibromoethane
Concen: 17.721 ug/l
RT: 11.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

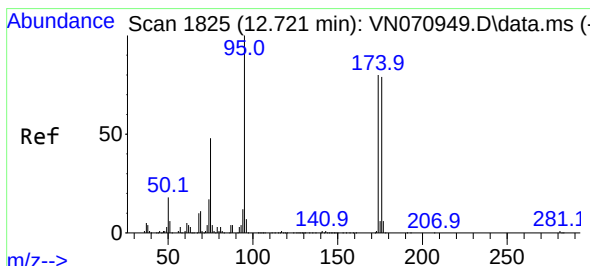
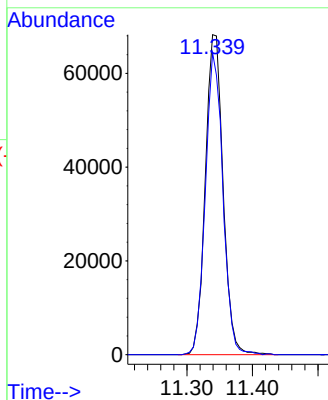
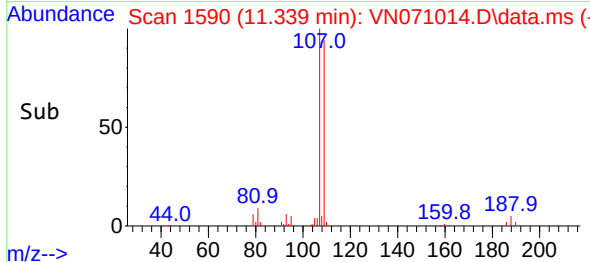
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01



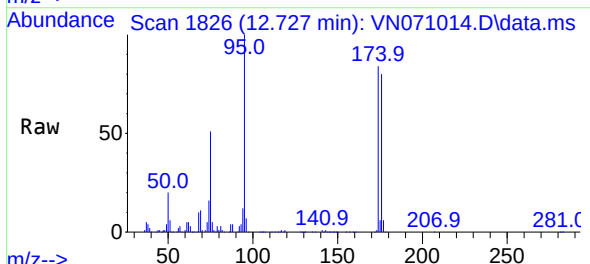
Tgt Ion:107 Resp: 12852
Ion Ratio Lower Upper
107 100
109 93.0 75.7 113.5

Manual Integrations
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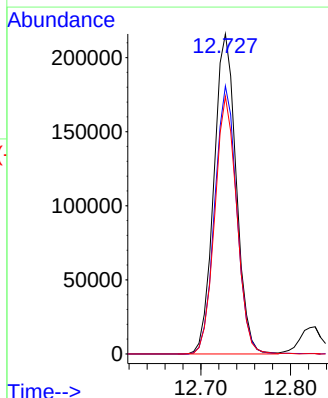
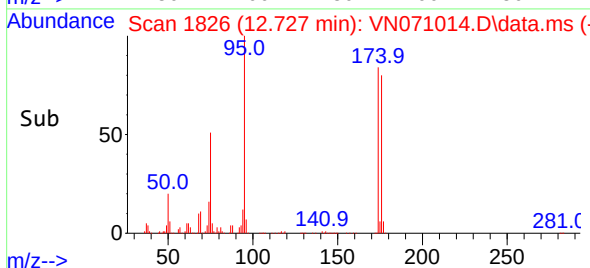
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

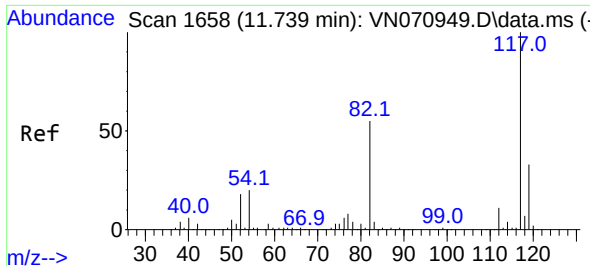


#62
4-Bromofluorobenzene
Concen: 43.307 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39



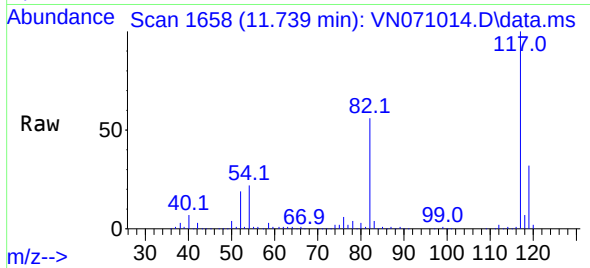
Tgt Ion: 95 Resp: 371875
Ion Ratio Lower Upper
95 100
174 82.6 0.0 187.2
176 79.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

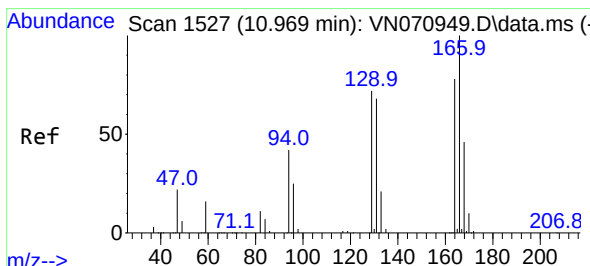
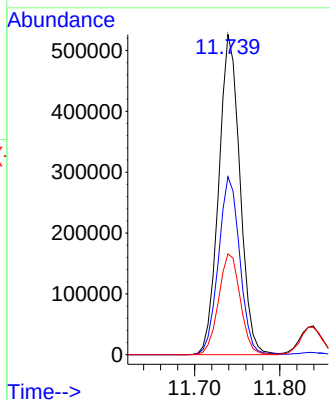
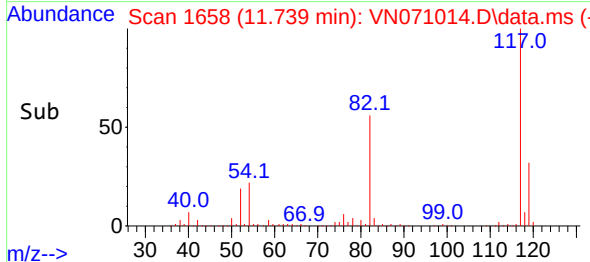
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01



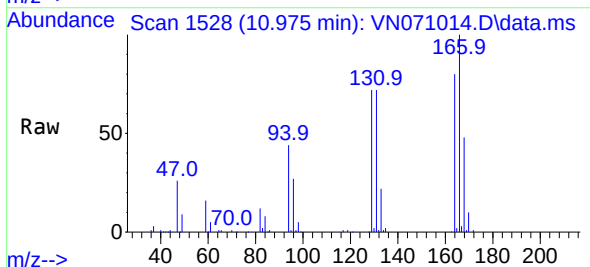
Tgt Ion:117 Resp: 91200
Ion Ratio Lower Upper
117 100
82 55.6 42.4 63.6
119 31.5 25.4 38.2

Manual Integrations
APPROVED

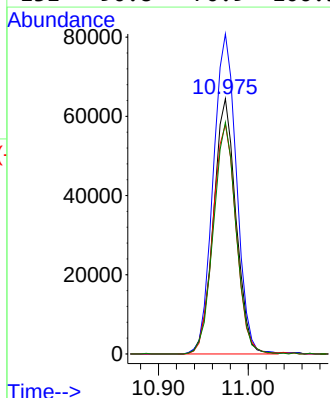
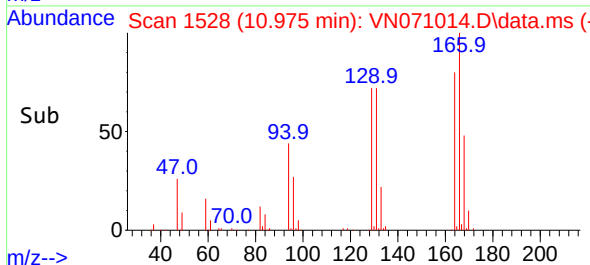
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

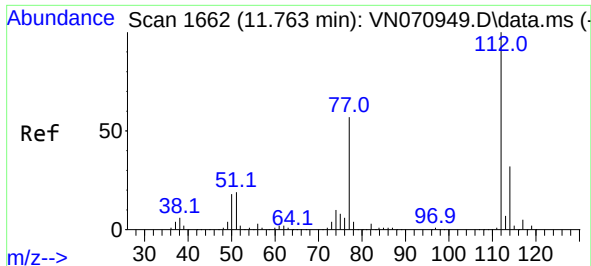


#64
Tetrachloroethene
Concen: 15.830 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39



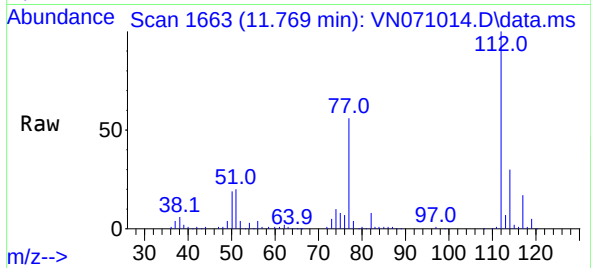
Tgt Ion:164 Resp: 112432
Ion Ratio Lower Upper
164 100
166 125.4 101.9 152.9
129 89.9 72.0 108.0
131 90.8 70.9 106.3





#65
Chlorobenzene
Concen: 17.222 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

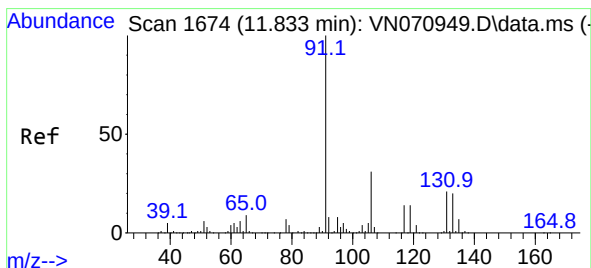
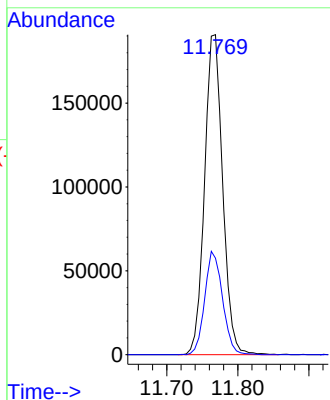
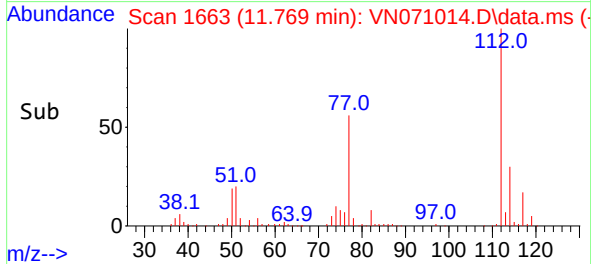
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01



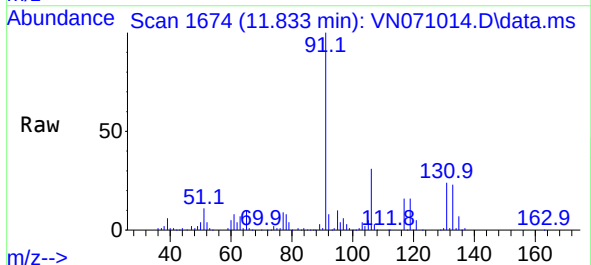
Tgt Ion:112 Resp: 338452
Ion Ratio Lower Upper
112 100
114 30.1 25.4 38.0

Manual Integrations
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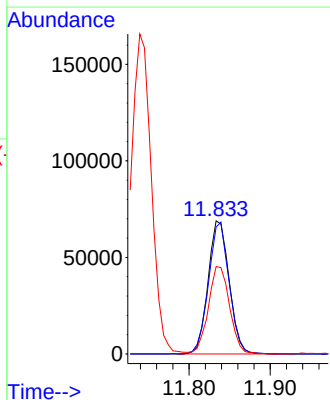
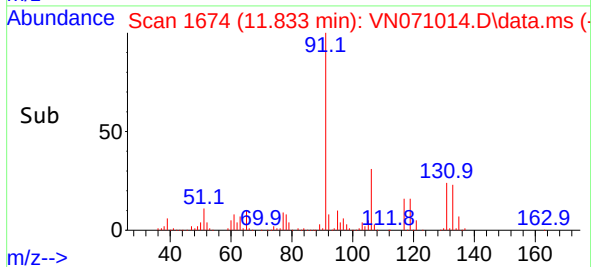
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

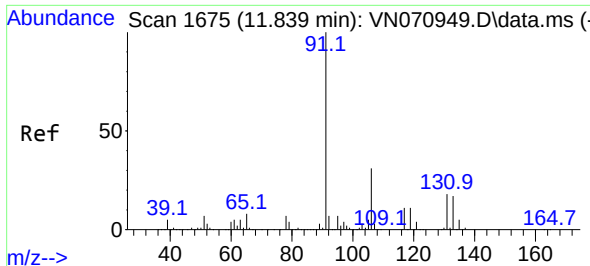


#66
1,1,1,2-Tetrachloroethane
Concen: 17.315 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39



Tgt Ion:131 Resp: 124035
Ion Ratio Lower Upper
131 100
133 97.2 47.9 143.7
119 66.4 32.1 96.5





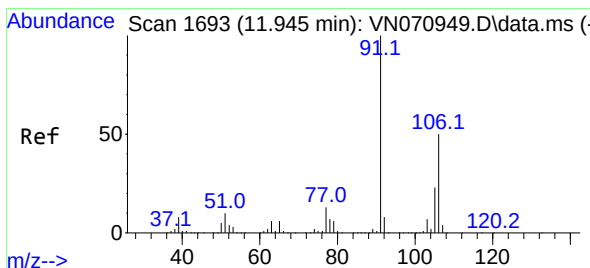
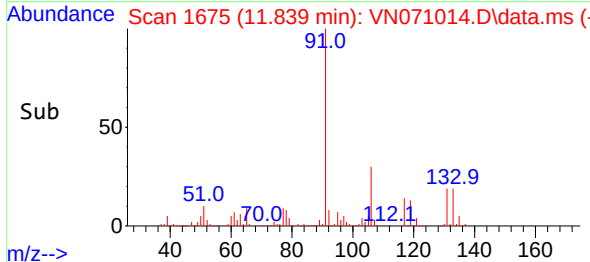
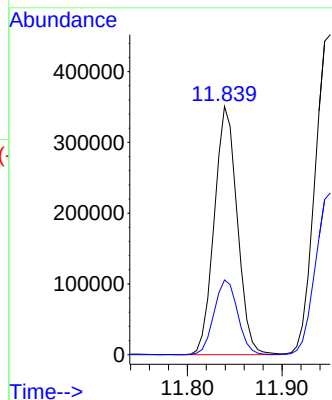
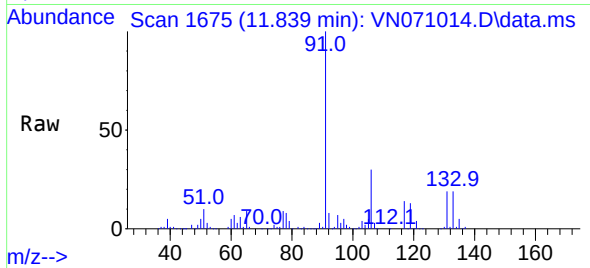
#67
Ethyl Benzene
Concen: 17.209 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01

Tgt Ion: 91 Resp: 591934
Ion Ratio Lower Upper
91 100
106 30.1 25.7 38.5

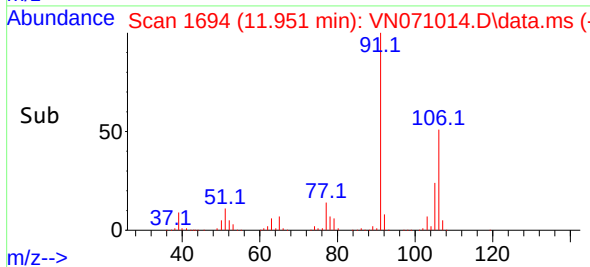
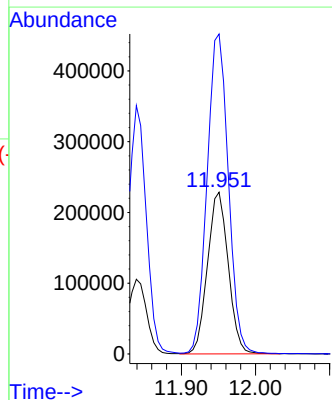
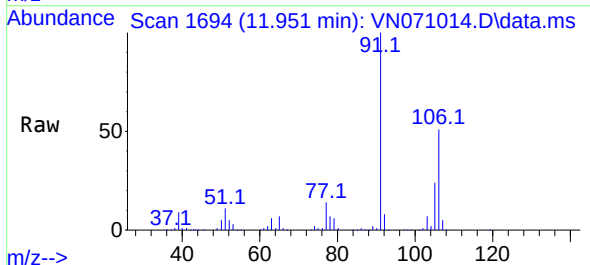
Manual Integrations
APPROVED

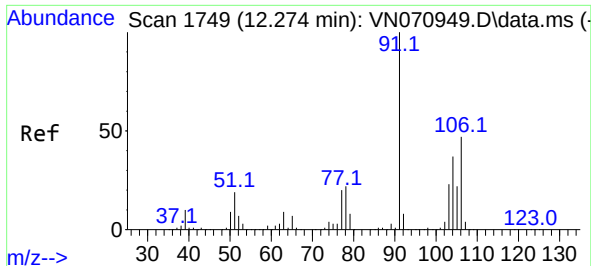
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#68
m/p-Xylenes
Concen: 33.412 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

Tgt Ion:106 Resp: 443917
Ion Ratio Lower Upper
106 100
91 202.4 160.6 240.8





#69

o-Xylene

Concen: 17.243 ug/l

RT: 12.280 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VN071014.D

Acq: 18 Feb 2022 20:39

Instrument :

MSVOA_N

ClientSampleId :

VN0218WBSD01

Tgt Ion:106 Resp: 223794

Ion Ratio Lower Upper

106 100

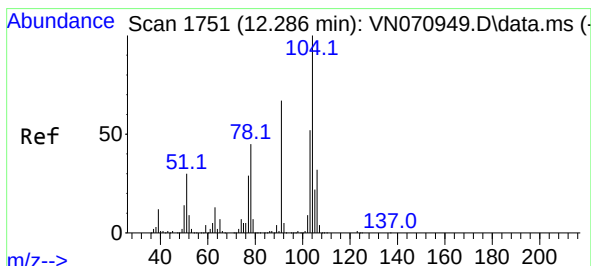
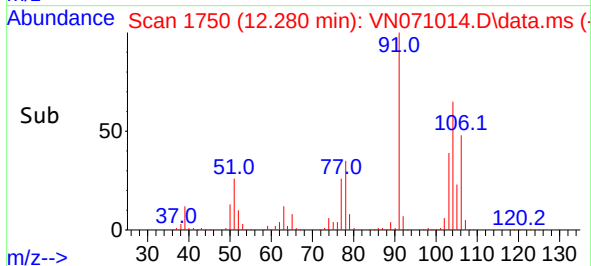
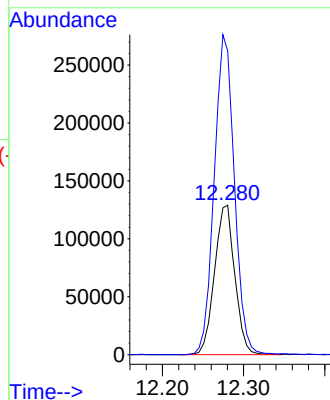
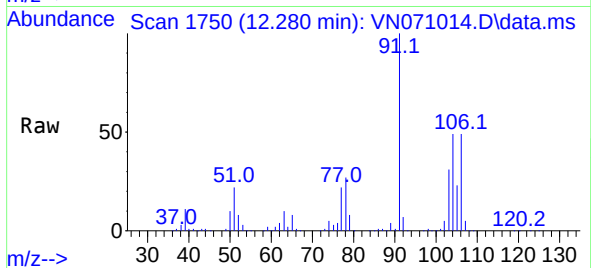
91 213.3 105.8 317.3

Manual Integrations

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Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#70

Styrene

Concen: 16.507 ug/l

RT: 12.292 min Scan# 1752

Delta R.T. 0.006 min

Lab File: VN071014.D

Acq: 18 Feb 2022 20:39

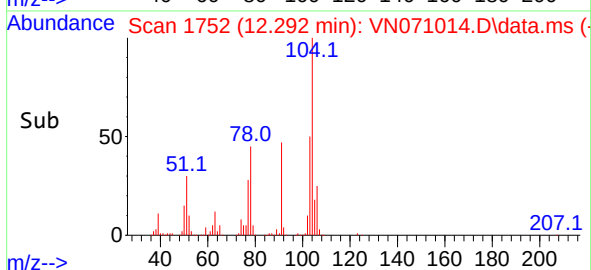
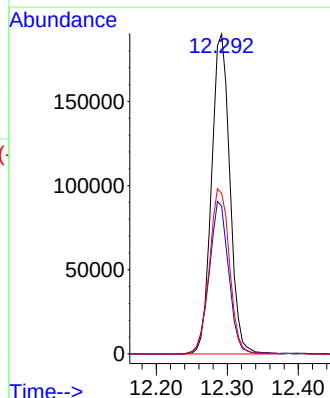
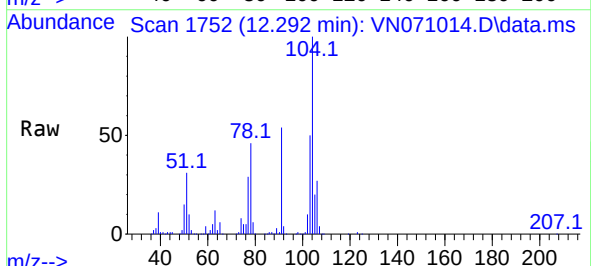
Tgt Ion:104 Resp: 340657

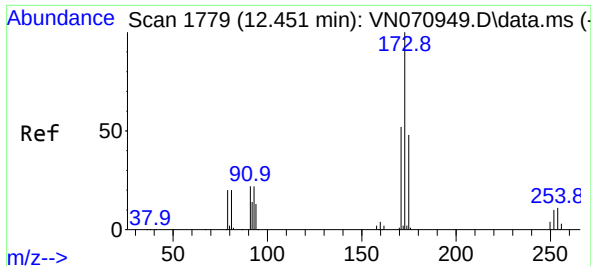
Ion Ratio Lower Upper

104 100

78 50.5 38.7 58.1

103 56.6 45.0 67.6





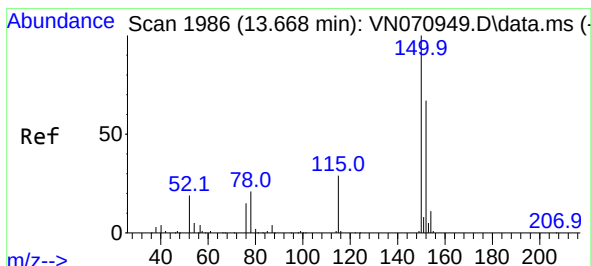
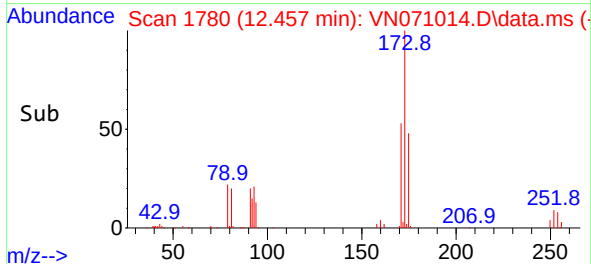
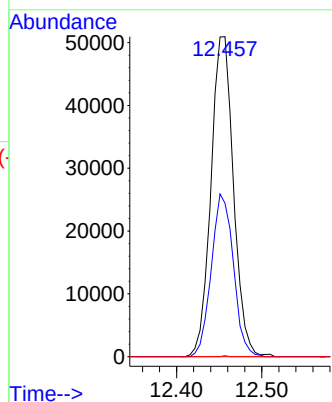
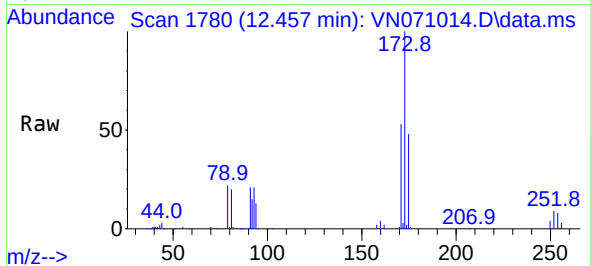
#71
Bromoform
Concen: 16.456 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01

Tgt Ion:173 Resp: 93880
Ion Ratio Lower Upper
173 100
175 49.7 24.2 72.6
254 0.1 0.0 0.0

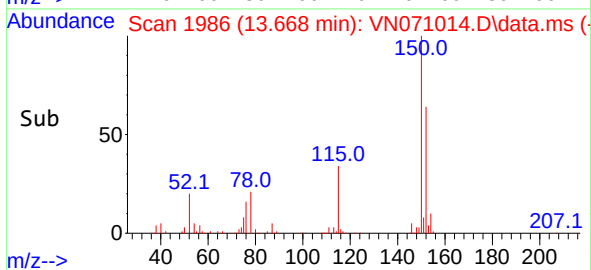
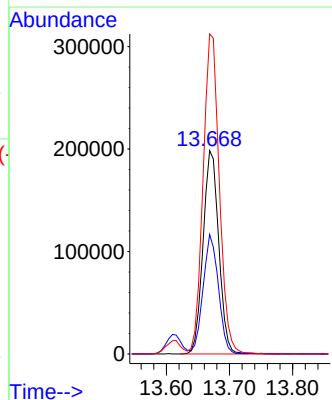
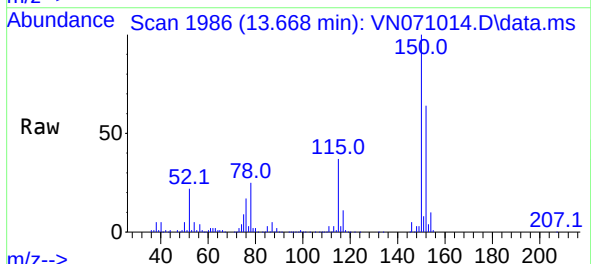
Manual Integrations
APPROVED

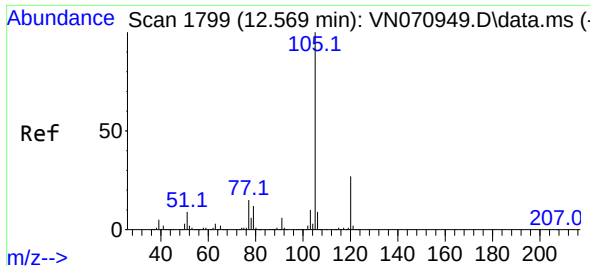
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

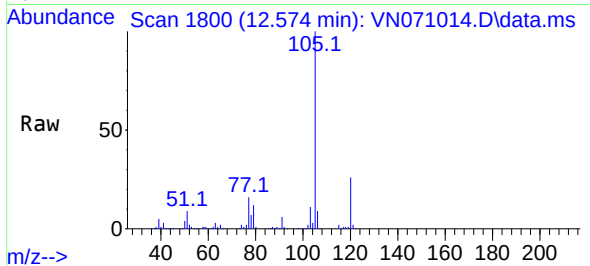
Tgt Ion:152 Resp: 342980
Ion Ratio Lower Upper
152 100
115 56.7 27.5 82.5
150 162.7 0.0 344.4





#73
Isopropylbenzene
Concen: 20.341 ug/l
RT: 12.574 min Scan# 1799
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

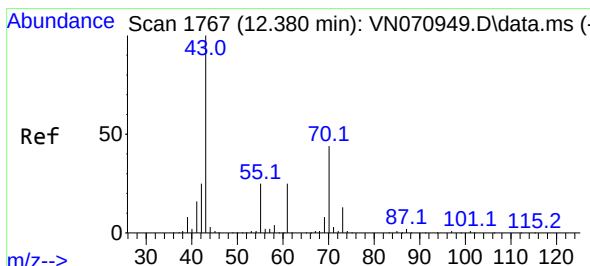
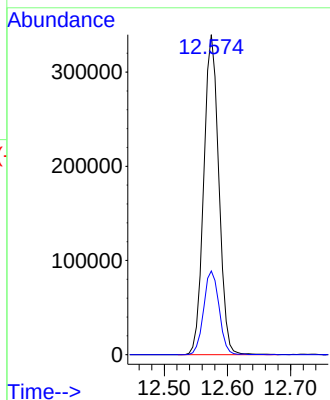
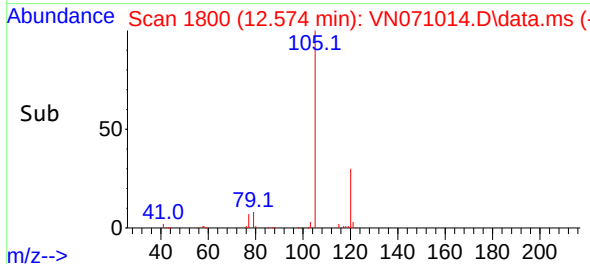
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01



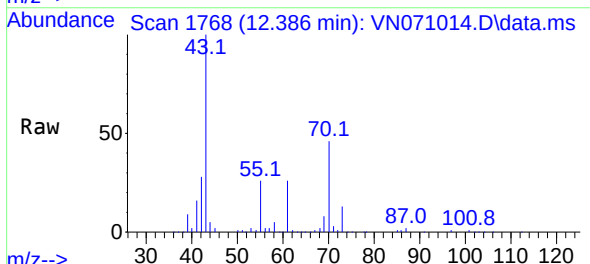
Tgt Ion:105 Resp: 561550
Ion Ratio Lower Upper
105 100
120 26.9 13.4 40.1

Manual Integrations
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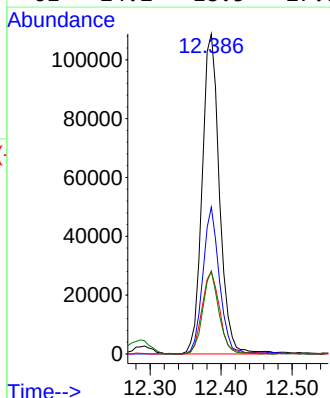
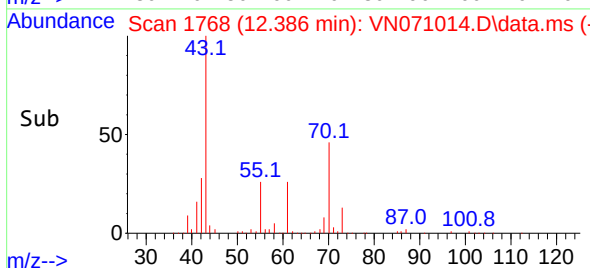
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

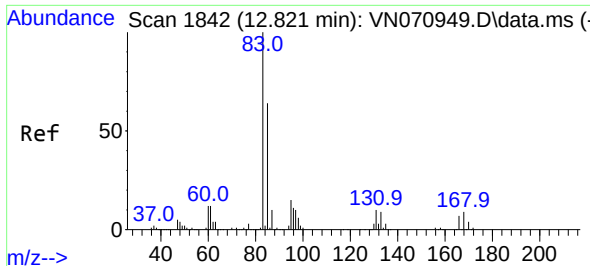


#74
N-ethyl acetate
Concen: 20.965 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39



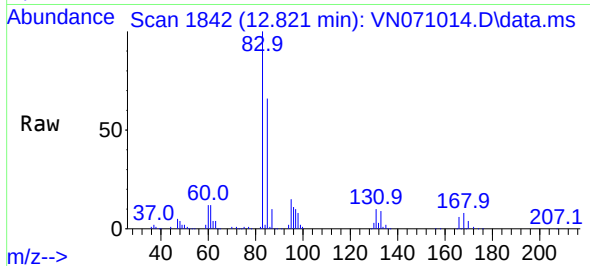
Tgt Ion: 43 Resp: 185006
Ion Ratio Lower Upper
43 100
70 44.0 33.4 50.0
55 26.4 19.3 28.9
61 24.2 18.5 27.7





#75
1,1,2,2-Tetrachloroethane
Concen: 22.354 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

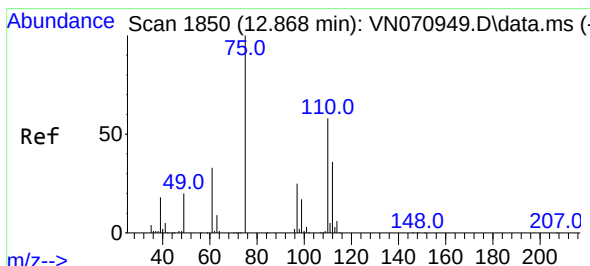
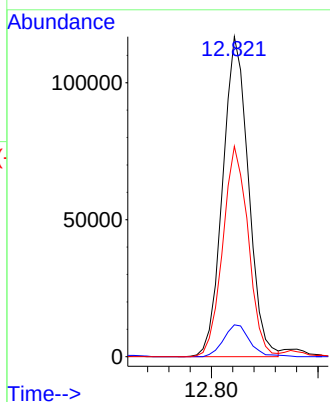
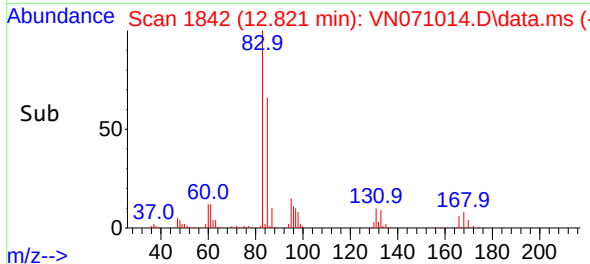
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01



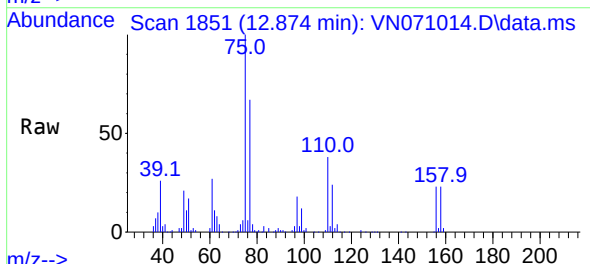
Tgt Ion: 83 Resp: 196110
Ion Ratio Lower Upper
83 100
131 10.2 5.5 16.5
85 65.0 32.4 97.2

Manual Integrations
APPROVED

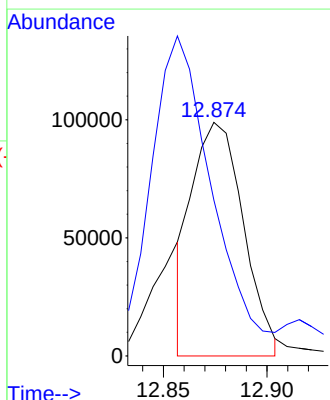
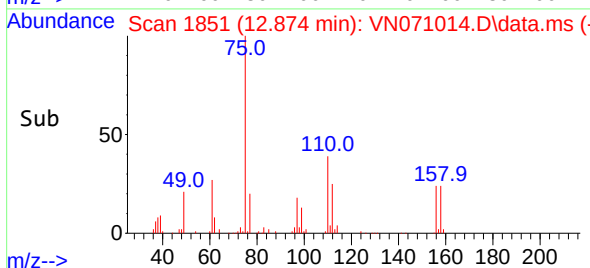
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

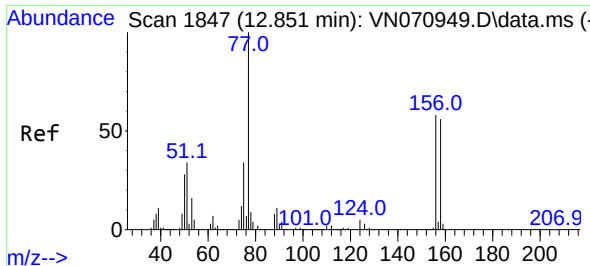


#76
1,2,3-Trichloropropane
Concen: 21.099 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39



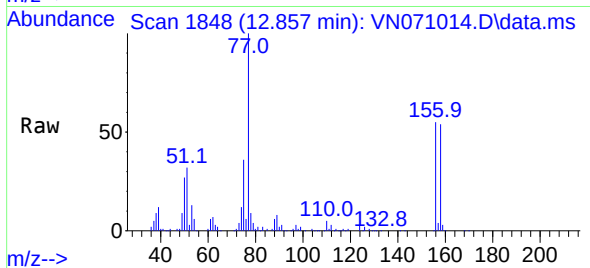
Tgt Ion: 75 Resp: 170384
Ion Ratio Lower Upper
75 100
77 165.9 82.6 247.8





#77
Bromobenzene
Concen: 19.588 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

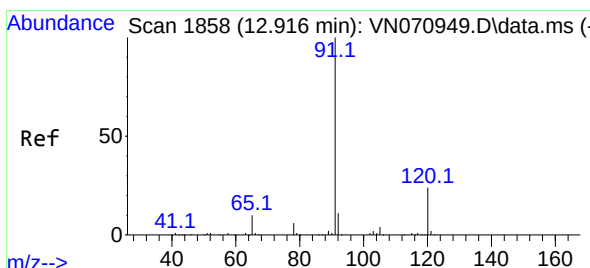
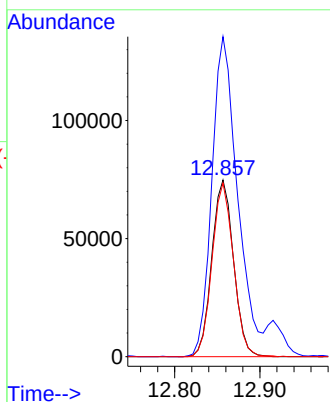
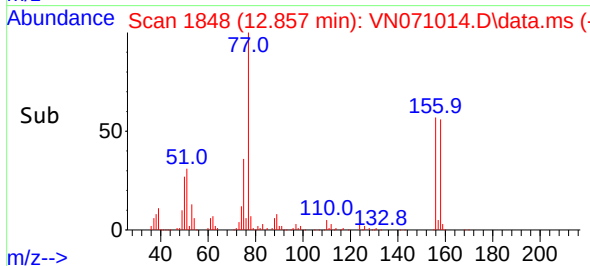
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01



Tgt Ion:156 Resp: 132372
Ion Ratio Lower Upper
156 100
77 213.5 90.6 271.8
158 96.9 48.9 146.7

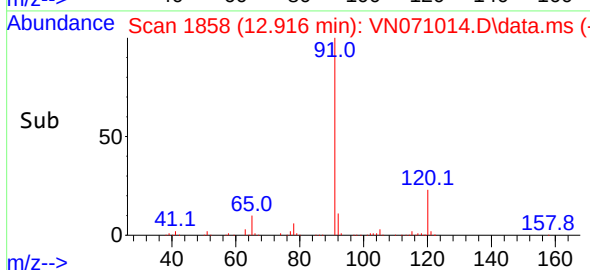
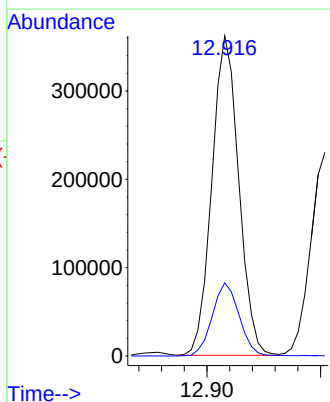
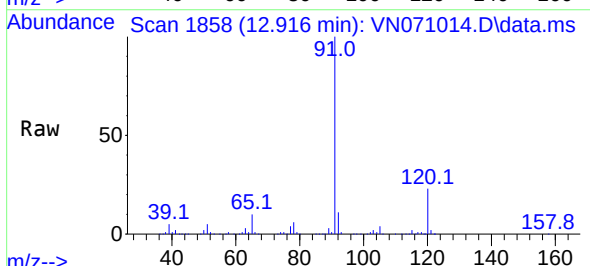
Manual Integrations
APPROVED

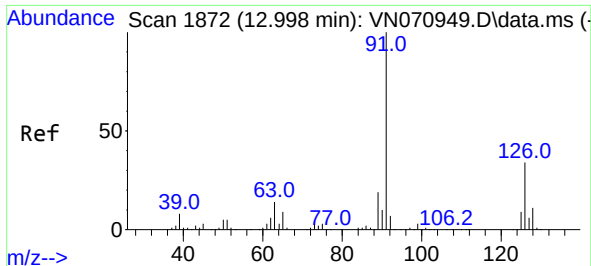
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#78
n-propylbenzene
Concen: 19.133 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

Tgt Ion: 91 Resp: 593475
Ion Ratio Lower Upper
91 100
120 22.9 11.9 35.9





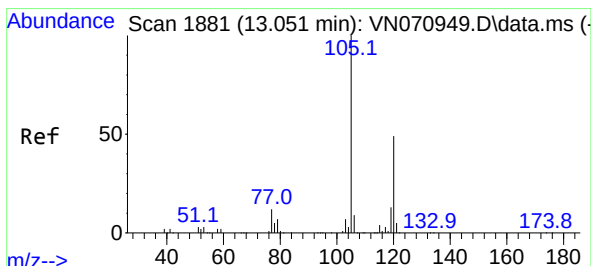
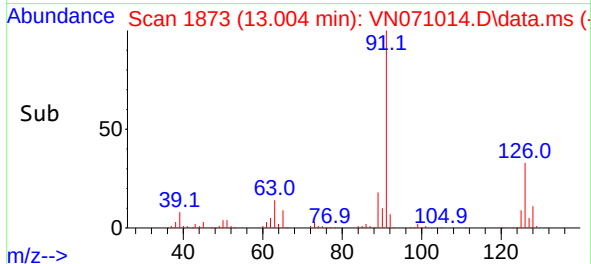
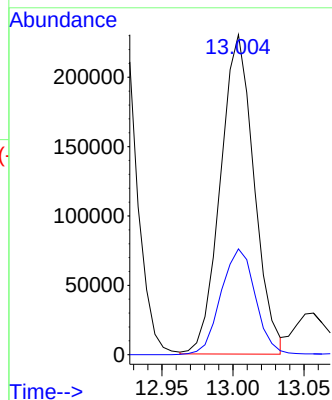
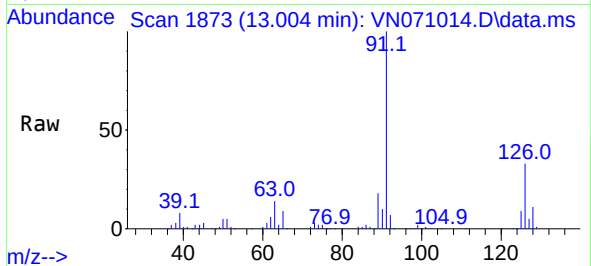
#79
2-Chlorotoluene
Concen: 20.180 ug/l
RT: 13.004 min Scan# 1872
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01

Tgt Ion: 91 Resp: 38013
Ion Ratio Lower Upper
91 100
126 34.1 18.3 54.8

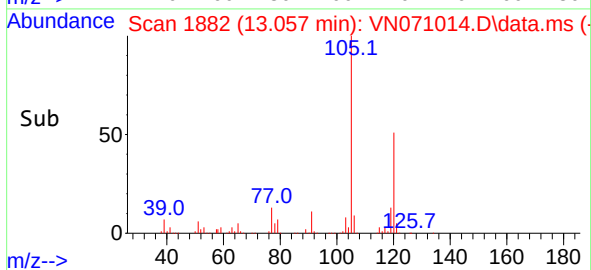
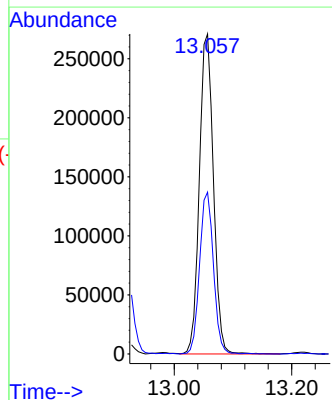
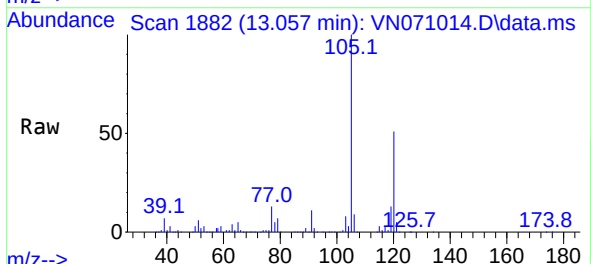
Manual Integrations
APPROVED

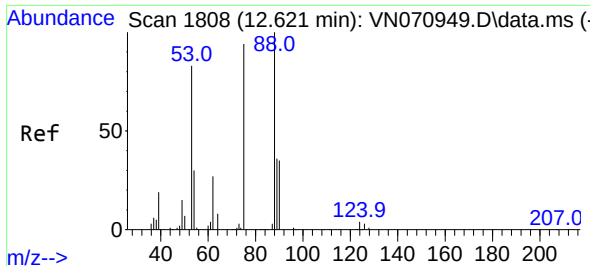
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#80
1,3,5-Trimethylbenzene
Concen: 20.113 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

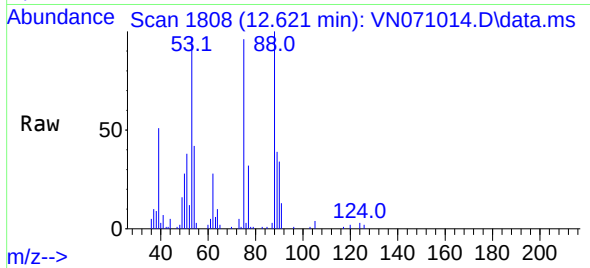
Tgt Ion:105 Resp: 449847
Ion Ratio Lower Upper
105 100
120 49.7 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 19.277 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

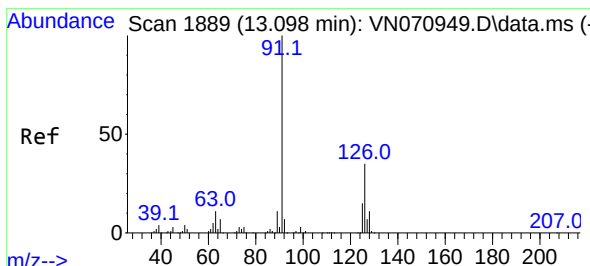
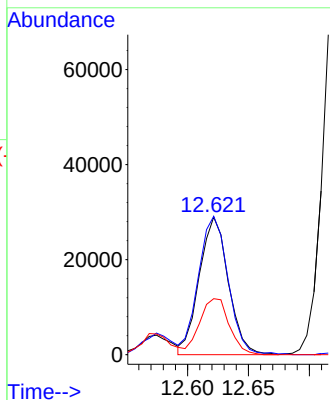
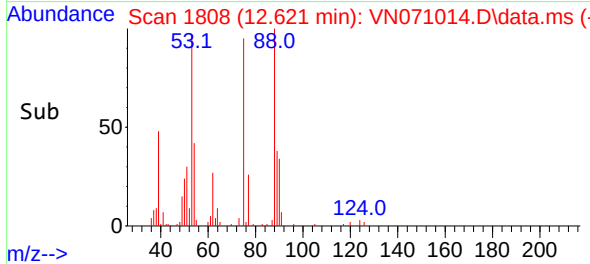
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01



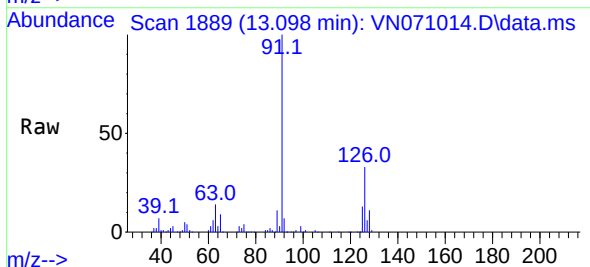
Tgt Ion: 75 Resp: 48039
Ion Ratio Lower Upper
75 100
53 102.7 90.5 135.7
89 41.0 38.2 57.4

Manual Integrations
APPROVED

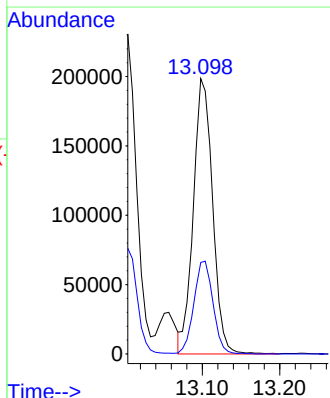
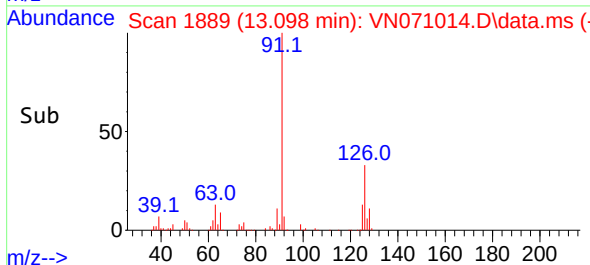
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022

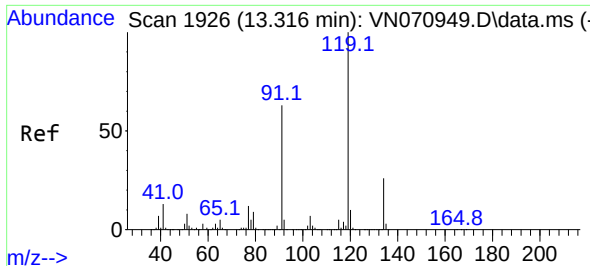


#82
4-Chlorotoluene
Concen: 18.762 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39



Tgt Ion: 91 Resp: 343054
Ion Ratio Lower Upper
91 100
126 33.5 18.2 54.6





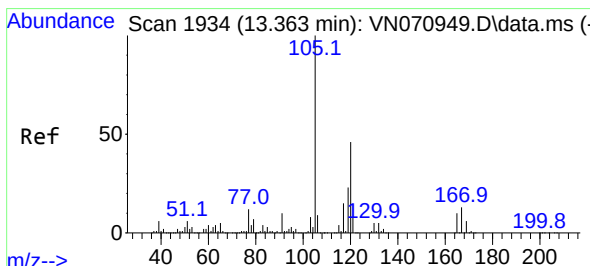
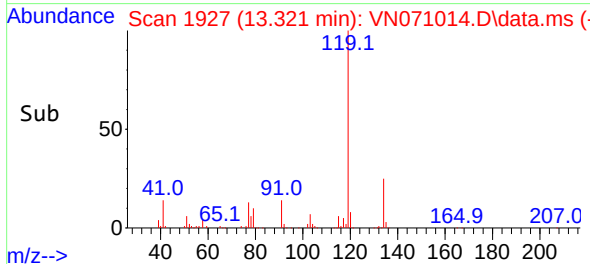
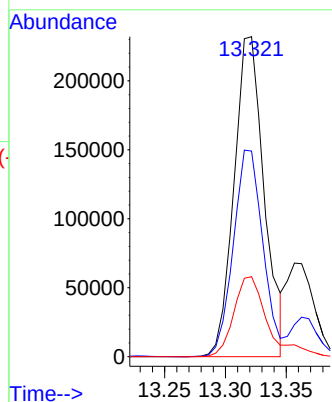
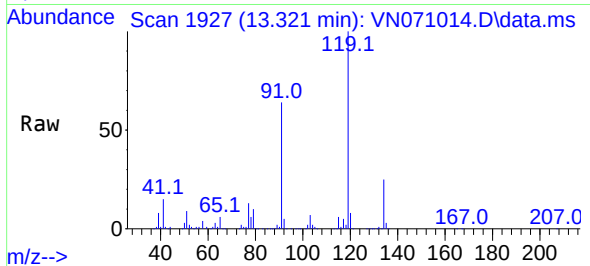
#83
tert-Butylbenzene
Concen: 18.867 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01

Tgt Ion:119 Resp: 400199
Ion Ratio Lower Upper
119 100
91 63.3 31.5 94.5
134 27.9 12.4 37.4

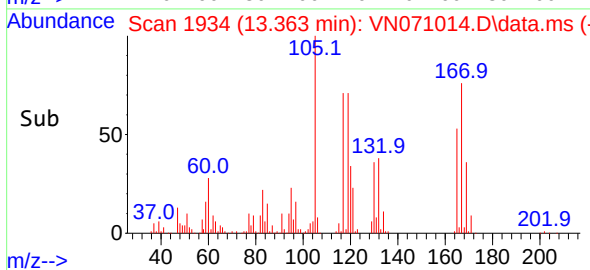
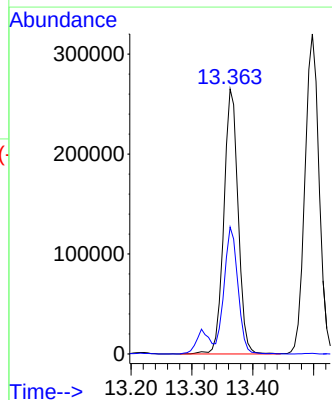
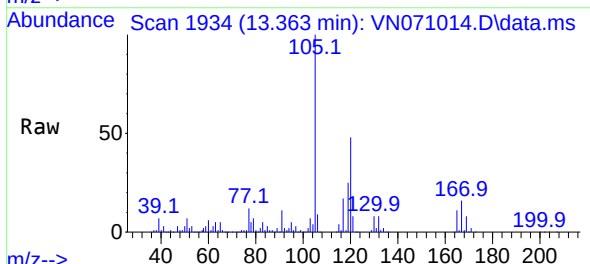
Manual Integrations
APPROVED

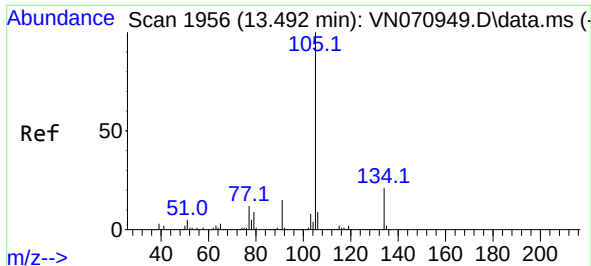
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#84
1,2,4-Trimethylbenzene
Concen: 19.572 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

Tgt Ion:105 Resp: 430915
Ion Ratio Lower Upper
105 100
120 46.4 22.8 68.4





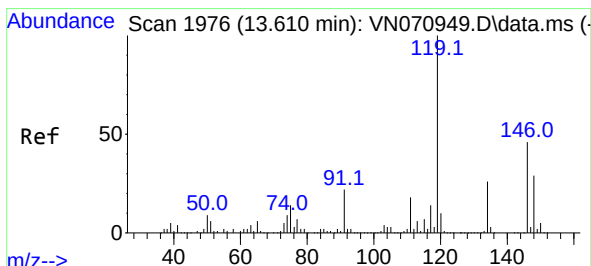
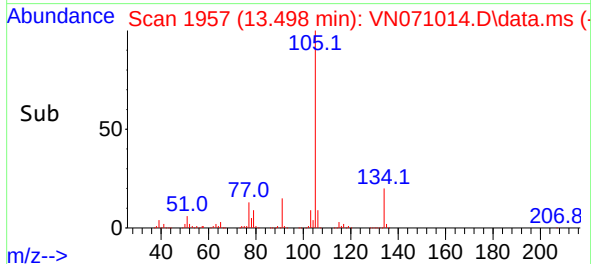
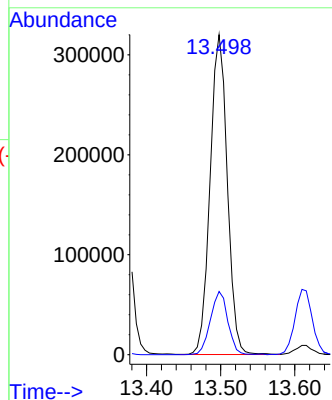
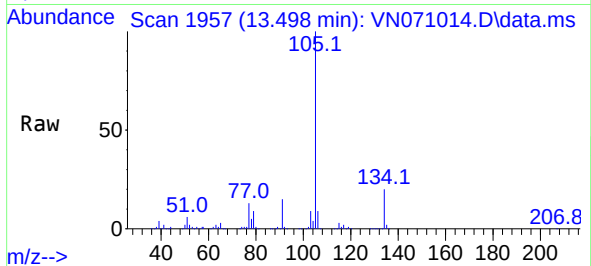
#85
 sec-Butylbenzene
 Concen: 18.443 ug/l
 RT: 13.498 min Scan# 1956
 Delta R.T. 0.006 min
 Lab File: VN071014.D
 Acq: 18 Feb 2022 20:39

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0218WBSD01

Tgt Ion:105 Resp: 51546
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.4 31.1

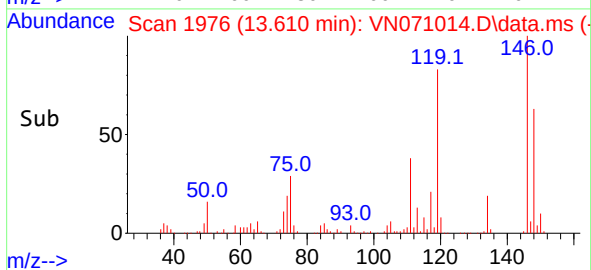
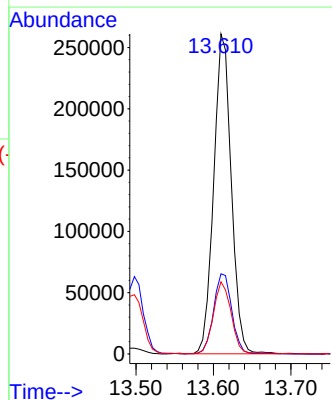
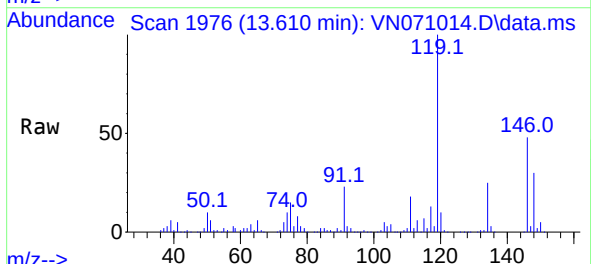
Manual Integrations
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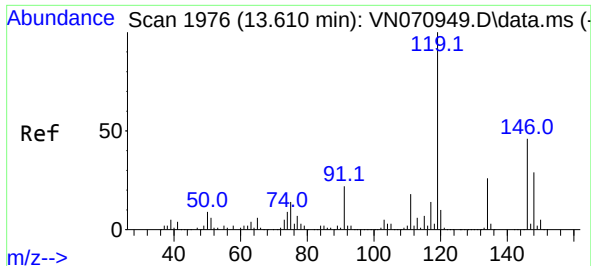
Reviewed By :John Carlone 02/22/2022
 Supervised By :Mahesh Dadoda 02/22/2022



#86
 p-Isopropyltoluene
 Concen: 17.893 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071014.D
 Acq: 18 Feb 2022 20:39

Tgt Ion:119 Resp: 410536
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.6 40.7
 91 22.6 11.4 34.1





#87

1,3-Dichlorobenzene

Concen: 17.259 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VN071014.D

Acq: 18 Feb 2022 20:39

Instrument :

MSVOA_N

ClientSampleId :

VN0218WBSD01

Tgt Ion:146 Resp: 206479

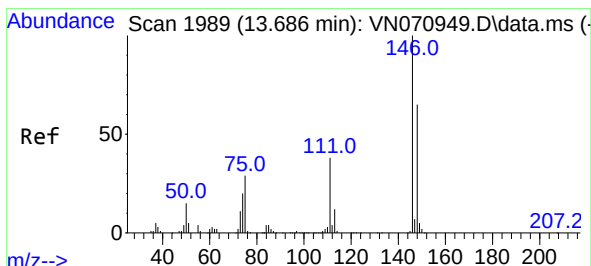
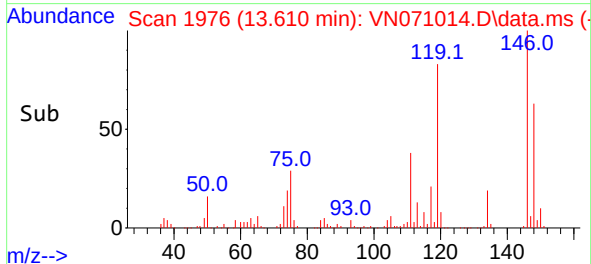
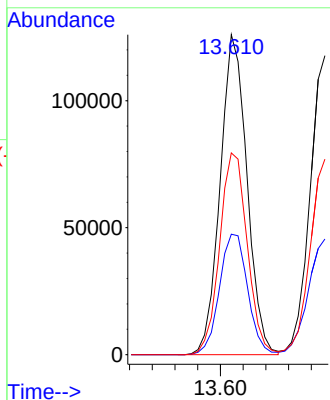
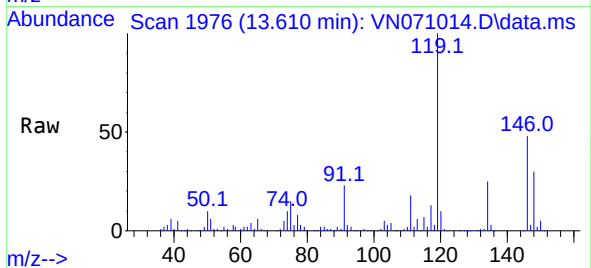
Ion	Ratio	Lower	Upper
146	100		
111	39.7	18.6	55.6
148	65.0	31.6	95.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 02/22/2022

Supervised By :Mahesh Dadoda 02/22/2022



#88

1,4-Dichlorobenzene

Concen: 16.718 ug/l

RT: 13.692 min Scan# 1990

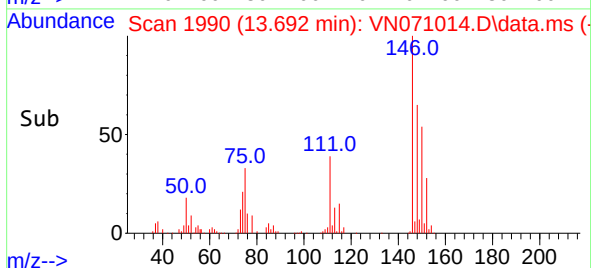
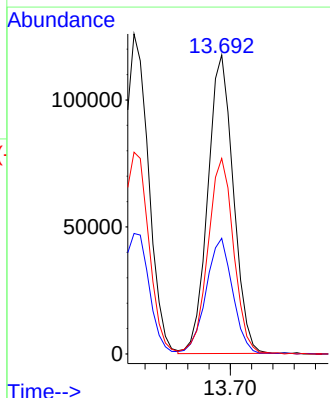
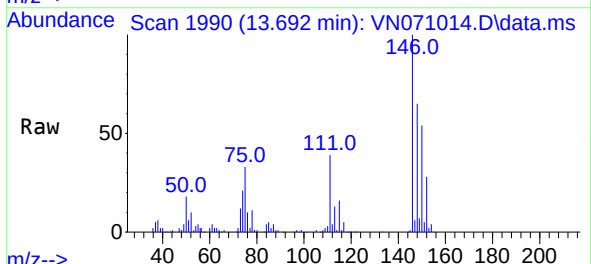
Delta R.T. 0.006 min

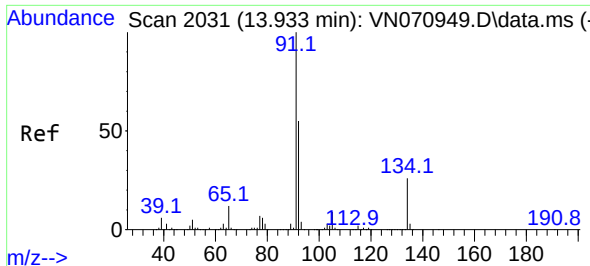
Lab File: VN071014.D

Acq: 18 Feb 2022 20:39

Tgt Ion:146 Resp: 195957

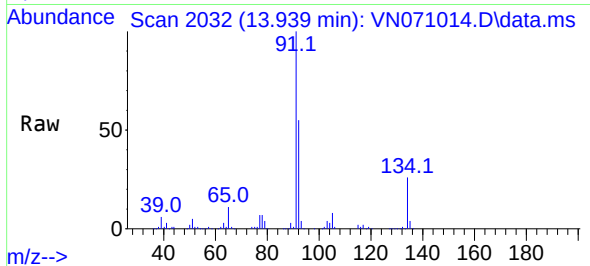
Ion	Ratio	Lower	Upper
146	100		
111	40.1	18.3	54.8
148	66.3	31.8	95.4





#89
n-Butylbenzene
Concen: 15.019 ug/l
RT: 13.939 min Scan# 2031
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

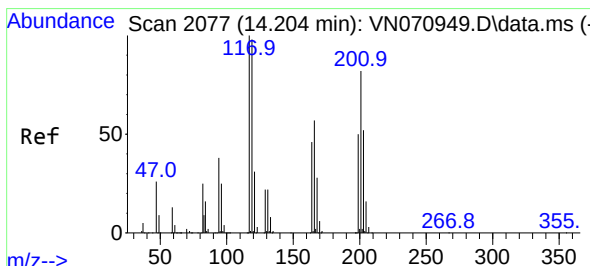
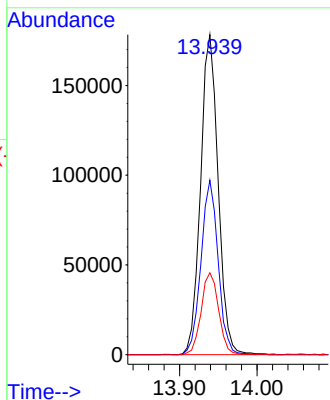
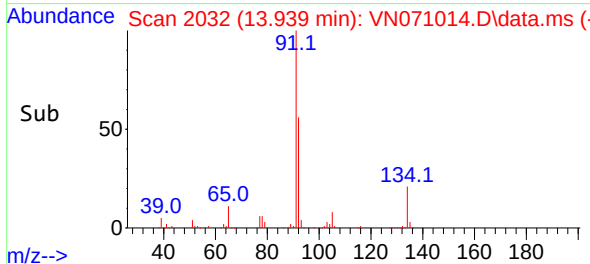
Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01



Tgt Ion: 91 Resp: 28115
Ion Ratio Lower Upper
91 100
92 53.3 25.4 76.0
134 25.4 13.6 40.8

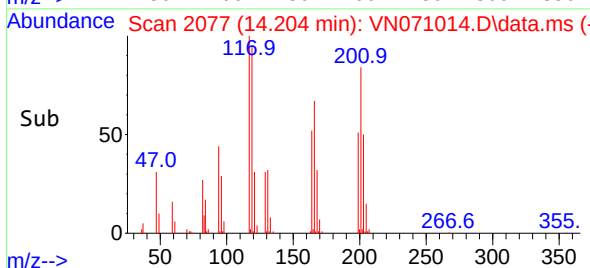
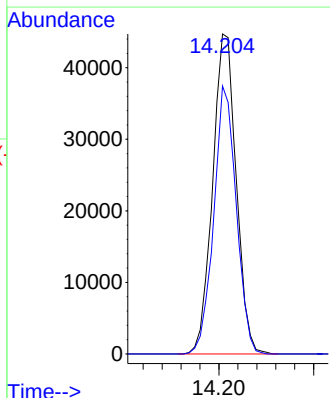
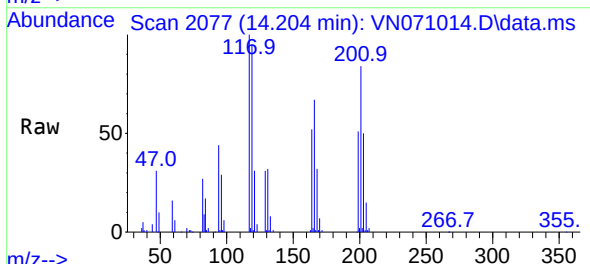
Manual Integrations
APPROVED

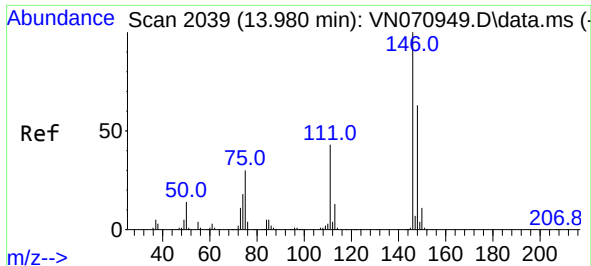
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#90
Hexachloroethane
Concen: 18.874 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

Tgt Ion:117 Resp: 77336
Ion Ratio Lower Upper
117 100
201 79.8 43.9 131.6





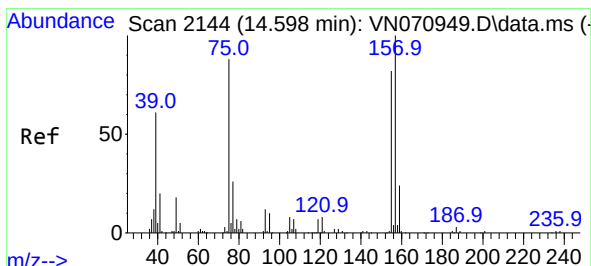
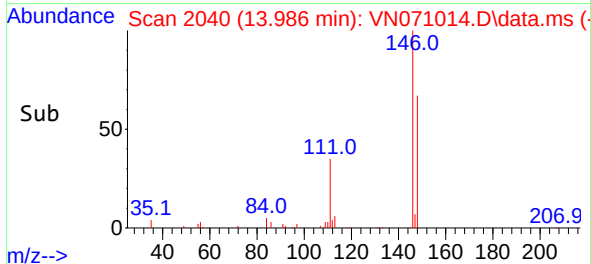
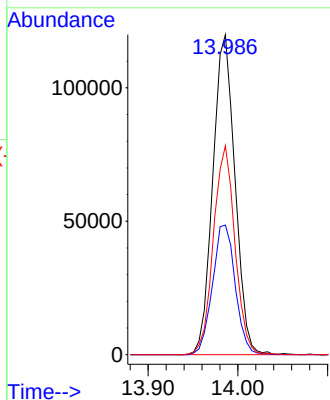
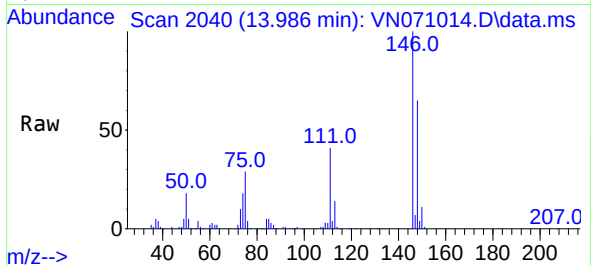
#91
1,2-Dichlorobenzene
Concen: 18.313 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01

Tgt Ion:146 Resp: 205734
Ion Ratio Lower Upper
146 100
111 41.7 19.1 57.3
148 63.6 32.1 96.3

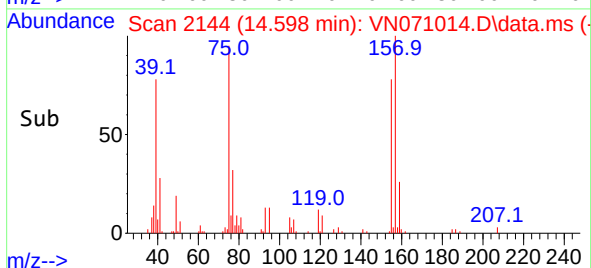
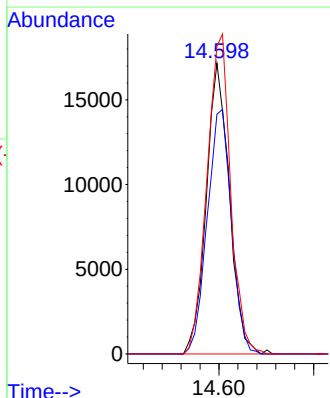
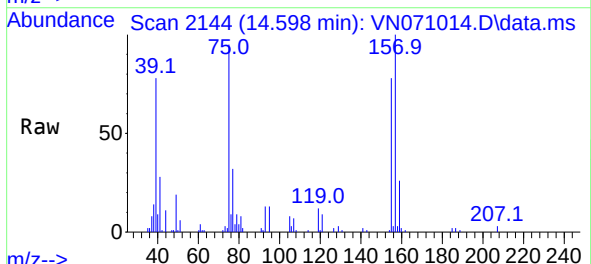
Manual Integrations
APPROVED

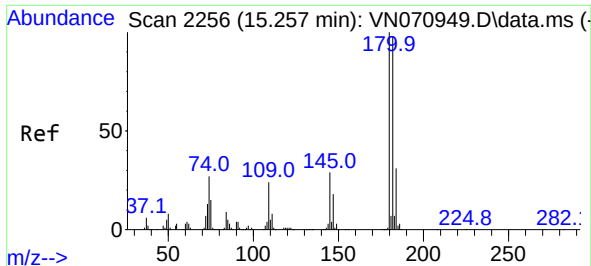
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 20.476 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

Tgt Ion: 75 Resp: 29104
Ion Ratio Lower Upper
75 100
155 87.9 46.9 140.7
157 112.4 60.6 181.7





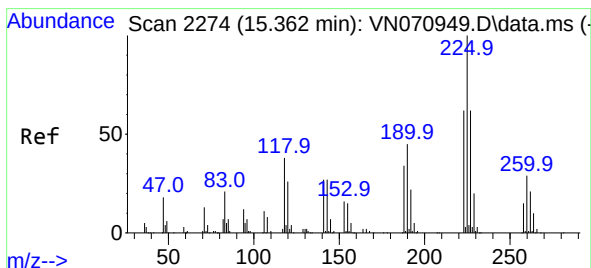
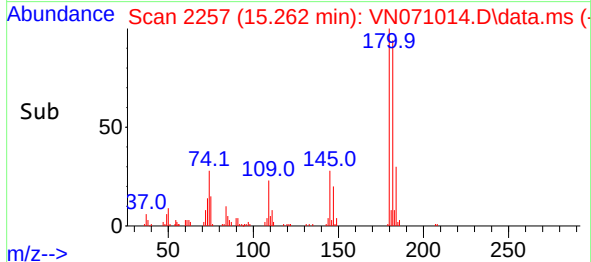
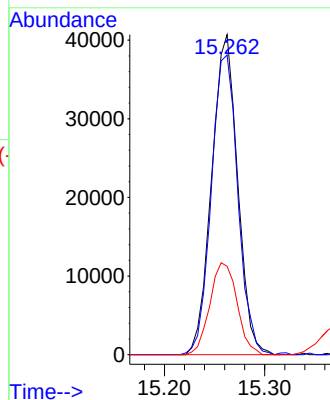
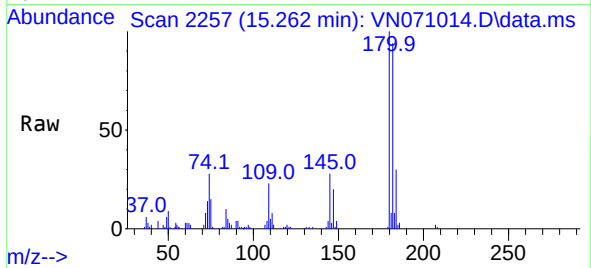
#93
1,2,4-Trichlorobenzene
Concen: 13.124 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01

Tgt Ion:180 Resp: 73170
Ion Ratio Lower Upper
180 100
182 95.5 48.3 144.9
145 30.1 14.5 43.5

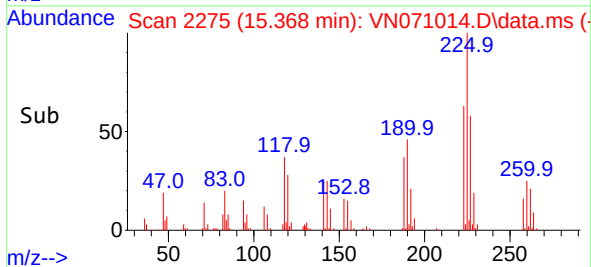
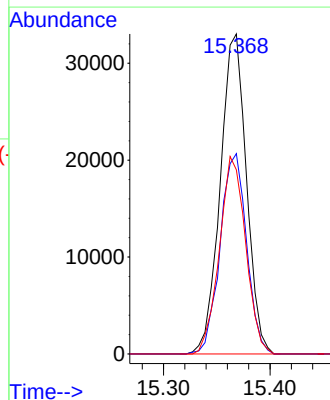
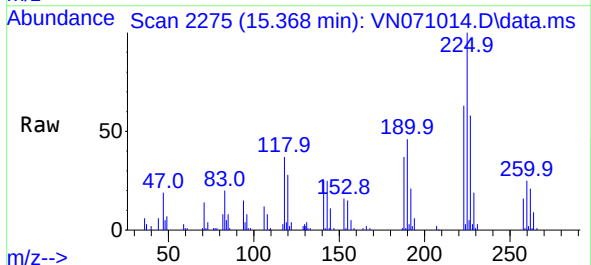
Manual Integrations
APPROVED

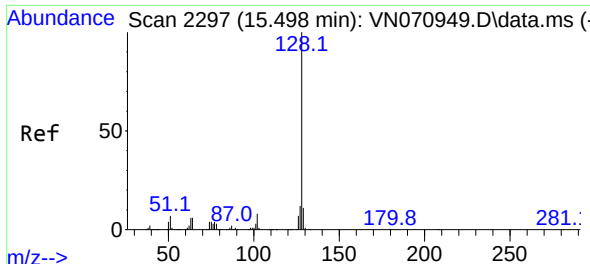
Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#94
Hexachlorobutadiene
Concen: 13.757 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

Tgt Ion:225 Resp: 56359
Ion Ratio Lower Upper
225 100
223 63.2 31.9 95.7
227 61.8 32.1 96.3





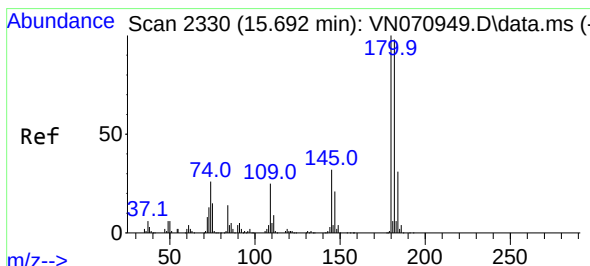
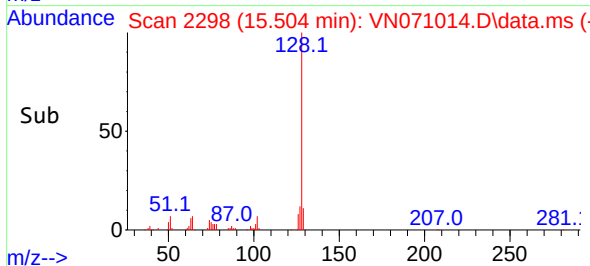
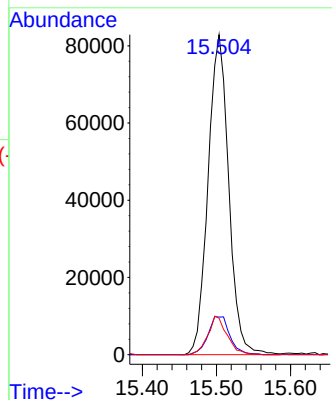
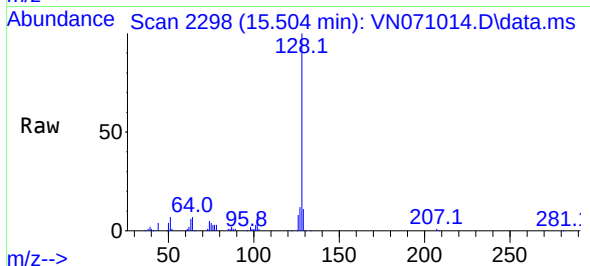
#95
Naphthalene
Concen: 14.398 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

Instrument :
MSVOA_N
ClientSampleId :
VN0218WBSD01

Tgt Ion:128 Resp: 16026
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/22/2022
Supervised By :Mahesh Dadoda 02/22/2022



#96
1,2,3-Trichlorobenzene
Concen: 14.366 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071014.D
Acq: 18 Feb 2022 20:39

Tgt Ion:180 Resp: 72637
Ion Ratio Lower Upper
180 100
182 96.8 47.4 142.2
145 31.2 15.0 45.1

