

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041222\
 Data File : VN071958.D
 Acq On : 12 Apr 2022 17:01
 Operator : JC\MD
 Sample : VN0412WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/13/2022
 Supervised By : Mahesh Dadoda 04/13/2022

Quant Time: Apr 13 04:45:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	558855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	861494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	773225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	302891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	287560	45.072	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.140%		
35) Dibromofluoromethane	8.016	113	252334	49.776	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.560%		
50) Toluene-d8	10.439	98	997824	48.116	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.240%		
62) 4-Bromofluorobenzene	12.727	95	315591	47.055	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.100%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	116472	26.215	ug/l	99
3) Chloromethane	2.298	50	125835	22.351	ug/l	94
4) Vinyl Chloride	2.446	62	130041	21.033	ug/l	99
5) Bromomethane	2.851	94	86991	21.644	ug/l	99
6) Chloroethane	3.016	64	78870	17.732	ug/l	100
7) Trichlorofluoromethane	3.375	101	171546	21.808	ug/l	99
8) Diethyl Ether	3.828	74	70477	21.200	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.222	101	102778	21.203	ug/l	98
10) Methyl Iodide	4.422	142	142226	20.990	ug/l	99
11) Tert butyl alcohol	5.357	59	102700	99.192	ug/l	99
12) 1,1-Dichloroethene	4.181	96	100006	21.680	ug/l	95
13) Acrolein	4.045	56	80316	63.620	ug/l	100
14) Allyl chloride	4.845	41	151537	20.240	ug/l	94
15) Acrylonitrile	5.551	53	320849	106.613	ug/l	99
16) Acetone	4.281	43	242162	88.815	ug/l	99
17) Carbon Disulfide	4.534	76	249561	23.580	ug/l	100
18) Methyl Acetate	4.851	43	142276	20.169	ug/l	98
19) Methyl tert-butyl Ether	5.616	73	351333	20.502	ug/l	96
20) Methylene Chloride	5.098	84	120029	20.886	ug/l	96
21) trans-1,2-Dichloroethene	5.598	96	107940	21.316	ug/l	96
22) Diisopropyl ether	6.486	45	330810	20.296	ug/l	98
23) Vinyl Acetate	6.428	43	1386287	106.955	ug/l	99
24) 1,1-Dichloroethane	6.386	63	200229	20.926	ug/l	97
25) 2-Butanone	7.333	43	391179	99.519	ug/l	96
26) 2,2-Dichloropropane	7.322	77	164666	20.033	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	130603	21.032	ug/l	96
28) Bromochloromethane	7.651	49	73117	18.943	ug/l	92
29) Tetrahydrofuran	7.680	42	269438	105.862	ug/l	97
30) Chloroform	7.816	83	205445	20.334	ug/l	98
31) Cyclohexane	8.092	56	185794	21.414	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	179753	20.797	ug/l	97
36) 1,1-Dichloropropene	8.222	75	151748	21.436	ug/l	99
37) Ethyl Acetate	7.410	43	164046	21.171	ug/l	96
38) Carbon Tetrachloride	8.204	117	150029	21.624	ug/l	99
39) Methylcyclohexane	9.457	83	190074	22.556	ug/l	99
40) Benzene	8.457	78	484367	21.659	ug/l	99

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	79892	21.058	ug/l	97
42) 1,2-Dichloroethane	8.522	62	153895	19.894	ug/l	97
43) Isopropyl Acetate	8.557	43	241711	18.755	ug/l	96
44) Trichloroethene	9.210	130	124029	21.528	ug/l	100
45) 1,2-Dichloropropane	9.486	63	119921	21.466	ug/l	100
46) Dibromomethane	9.574	93	80543	21.234	ug/l	97
47) Bromodichloromethane	9.757	83	158957	21.289	ug/l	99
48) Methyl methacrylate	9.557	41	110818	20.725	ug/l	92
49) 1,4-Dioxane	9.569	88	53296	412.022	ug/l	98
51) 4-Methyl-2-Pentanone	10.327	43	779405	105.184	ug/l	96
52) Toluene	10.504	92	310966	21.998	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	165790	21.186	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	189054	21.865	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	123691	21.260	ug/l	98
56) Ethyl methacrylate	10.757	69	183171	22.070	ug/l #	90
57) 1,3-Dichloropropane	11.039	76	208101	21.393	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	177261	81.632	ug/l	99
59) 2-Hexanone	11.080	43	549244	105.281	ug/l	94
60) Dibromochloromethane	11.233	129	124993	22.034	ug/l	100
61) 1,2-Dibromoethane	11.339	107	124121	21.673	ug/l	99
64) Tetrachloroethene	10.969	164	109122	21.372	ug/l	94
65) Chlorobenzene	11.763	112	327643	21.162	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.839	131	118510	21.212	ug/l	99
67) Ethyl Benzene	11.839	91	559425	21.344	ug/l	97
68) m/p-Xylenes	11.951	106	436962	43.390	ug/l	99
69) o-Xylene	12.274	106	214424	21.452	ug/l	99
70) Styrene	12.292	104	331819	21.910	ug/l	99
71) Bromoform	12.457	173	94337	22.173	ug/l #	99
73) Isopropylbenzene	12.574	105	545255	21.363	ug/l	99
74) N-amyl acetate	12.386	43	150463	20.575	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	178079	20.911	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	134818m	19.214	ug/l	
77) Bromobenzene	12.857	156	131811	20.601	ug/l	95
78) n-propylbenzene	12.915	91	570415	21.246	ug/l	99
79) 2-Chlorotoluene	13.004	91	365833	21.247	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	442866	21.899	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	47328	20.903	ug/l	96
82) 4-Chlorotoluene	13.098	91	332340	20.823	ug/l	99
83) tert-Butylbenzene	13.321	119	395445	21.392	ug/l	98
84) 1,2,4-Trimethylbenzene	13.362	105	434490	22.020	ug/l	100
85) sec-Butylbenzene	13.498	105	516238	21.543	ug/l	100
86) p-Isopropyltoluene	13.610	119	416555	21.801	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	210322	20.633	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	203557	20.469	ug/l	97
89) n-Butylbenzene	13.939	91	293436	20.706	ug/l	100
90) Hexachloroethane	14.204	117	74486	21.296	ug/l	95
91) 1,2-Dichlorobenzene	13.980	146	210562	21.041	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	29005	21.958	ug/l	99
93) 1,2,4-Trichlorobenzene	15.256	180	94060	20.784	ug/l	98
94) Hexachlorobutadiene	15.362	225	60434	20.476	ug/l	98
95) Naphthalene	15.504	128	252077	20.689	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	95675	21.914	ug/l	99

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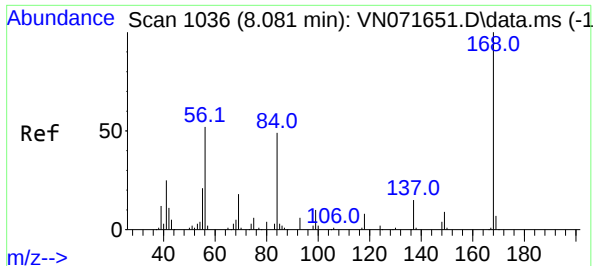
Manual Integrations
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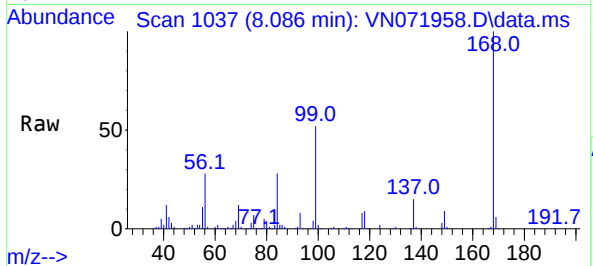
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.086 min Scan# 10
 Delta R.T. 0.005 min
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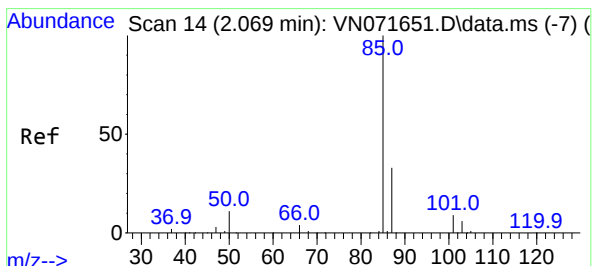
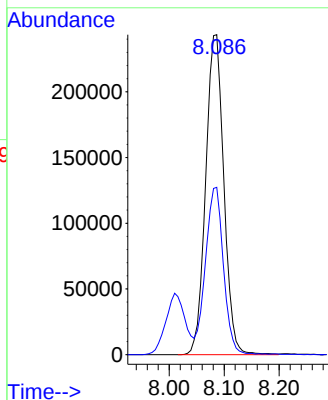
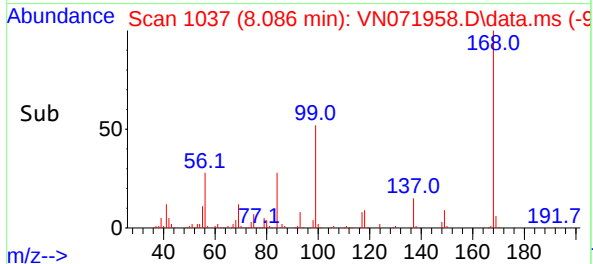
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBSD01



Tgt Ion:168 Resp: 55885
 Ion Ratio Lower Upper
 168 100
 99 52.1 42.3 63.5

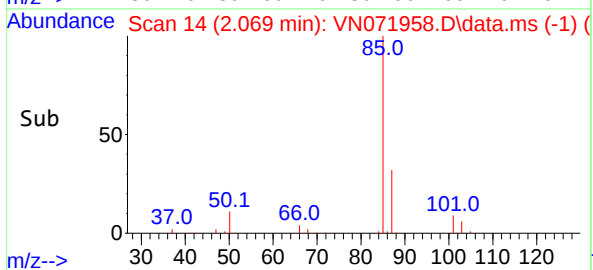
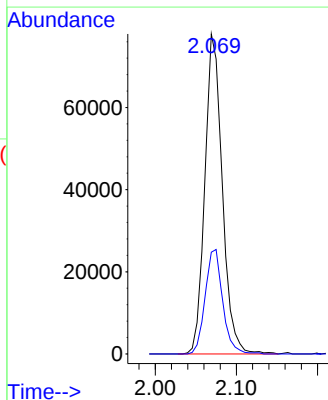
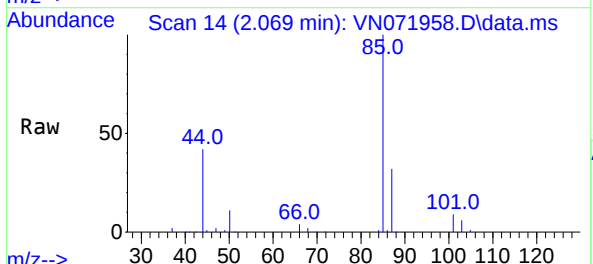
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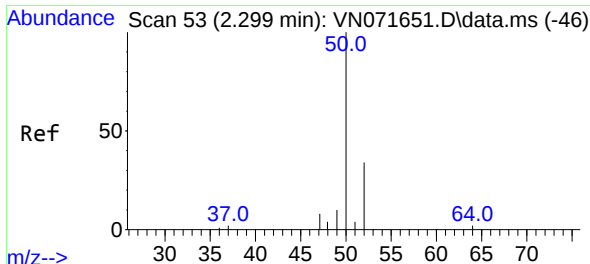
Reviewed By :John Carlone 04/13/2022
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Dichlorodifluoromethane
 Concen: 26.215 ug/l
 RT: 2.069 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VN071958.D
 Acq: 12 Apr 2022 17:01

Tgt Ion: 85 Resp: 116472
 Ion Ratio Lower Upper
 85 100
 87 31.8 15.7 47.1





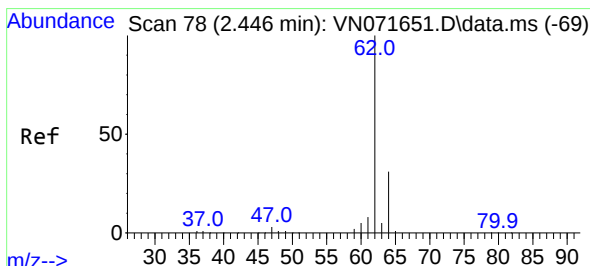
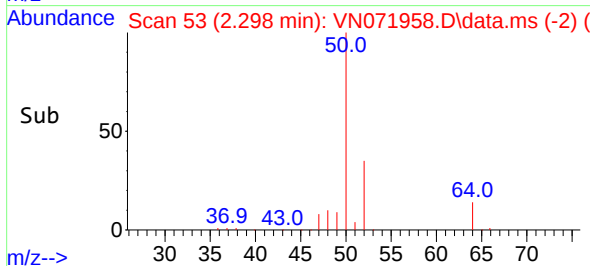
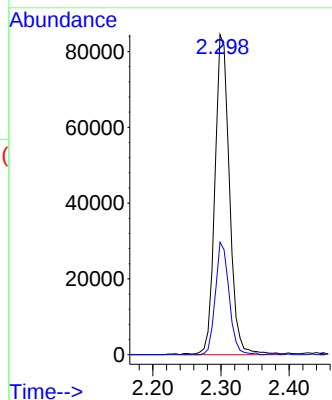
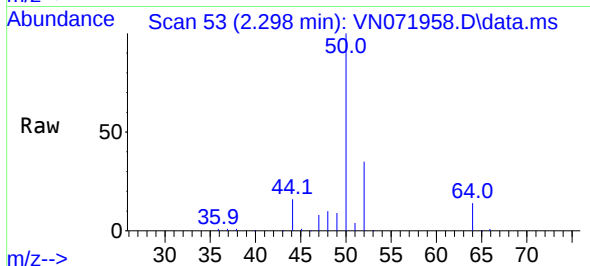
#3
Chloromethane
Concen: 22.351 ug/l
RT: 2.298 min Scan# 51
Delta R.T. -0.001 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

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Tgt Ion: 50 Resp: 125835
Ion Ratio Lower Upper
50 100
52 35.2 25.7 38.5

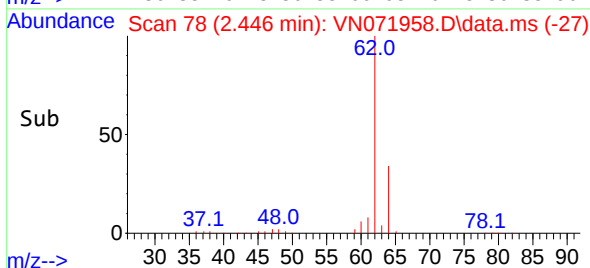
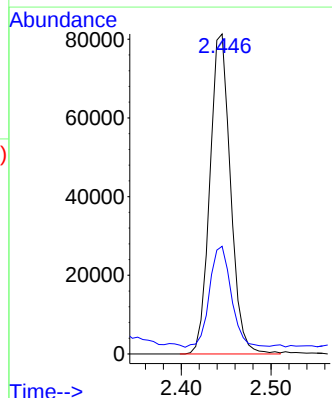
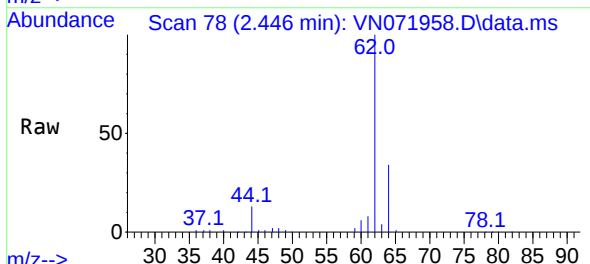
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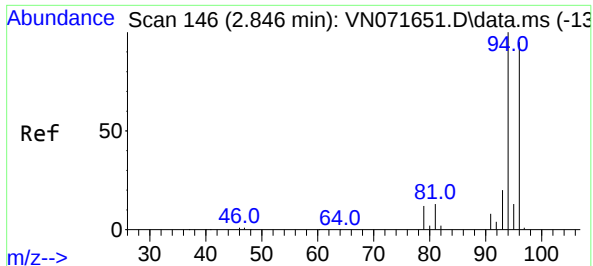
Reviewed By :John Carlone 04/13/2022
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#4
Vinyl Chloride
Concen: 21.033 ug/l
RT: 2.446 min Scan# 78
Delta R.T. -0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

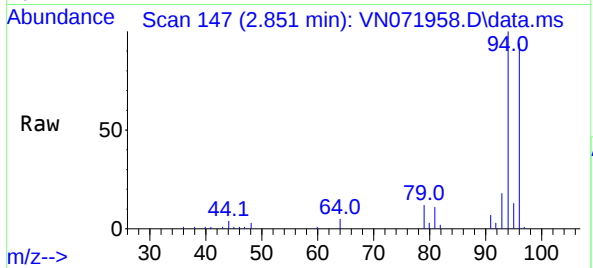
Tgt Ion: 62 Resp: 130041
Ion Ratio Lower Upper
62 100
64 30.9 25.0 37.4





#5
Bromomethane
Concen: 21.644 ug/l
RT: 2.851 min Scan# 146
Delta R.T. 0.005 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

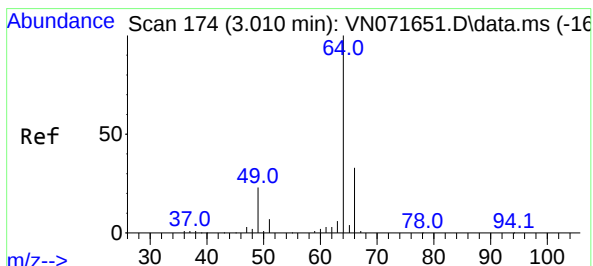
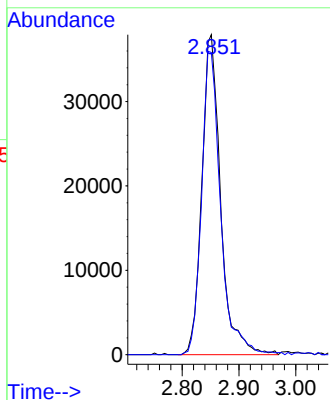
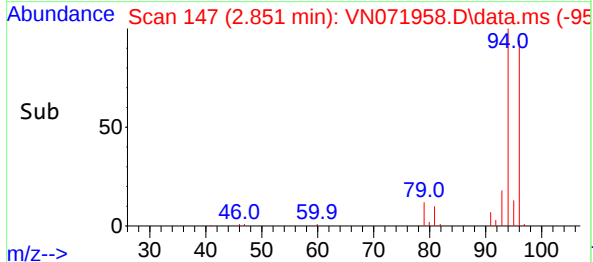
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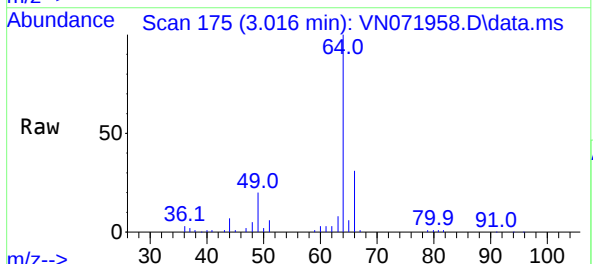
Tgt Ion: 94 Resp: 8699
Ion Ratio Lower Upper
94 100
96 94.4 76.0 114.0

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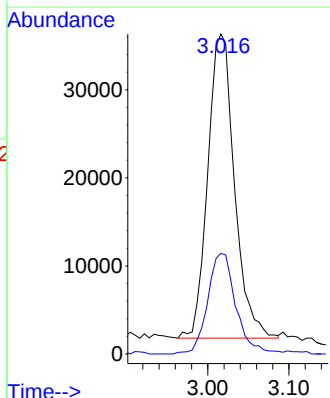
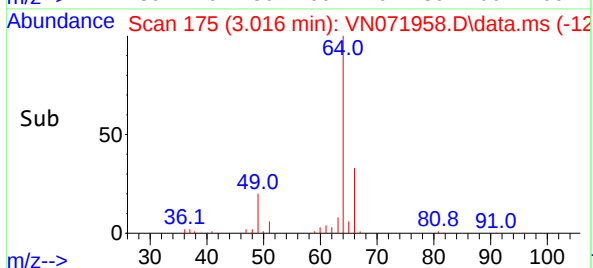
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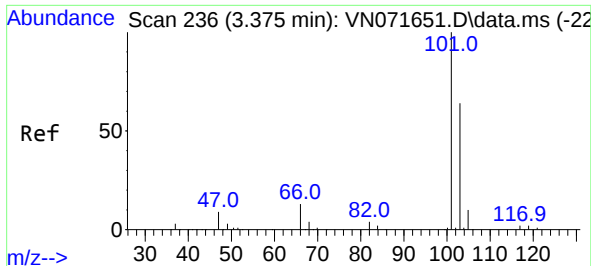


#6
Chloroethane
Concen: 17.732 ug/l
RT: 3.016 min Scan# 175
Delta R.T. 0.006 min
Lab File: VN071958.D
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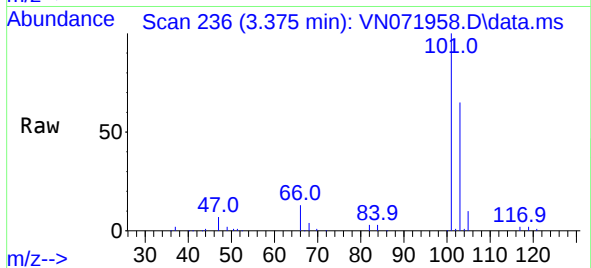
Tgt Ion: 64 Resp: 78870
Ion Ratio Lower Upper
64 100
66 32.6 26.2 39.4





#7
Trichlorofluoromethane
Concen: 21.808 ug/l
RT: 3.375 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

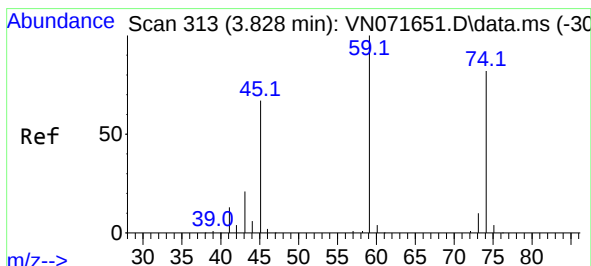
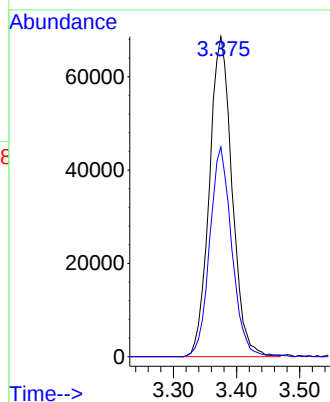
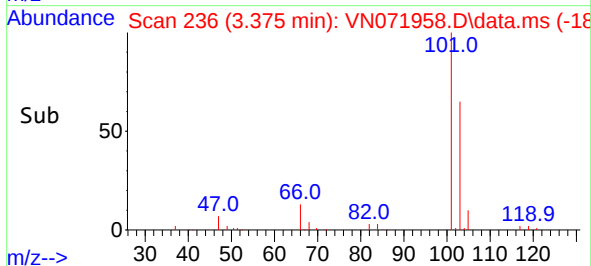
Instrument :
MSVOA_N
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VN0412WBSD01



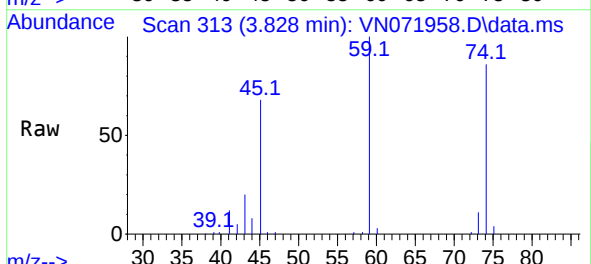
Tgt Ion:101 Resp: 171540
Ion Ratio Lower Upper
101 100
103 65.5 51.5 77.3

Manual Integrations
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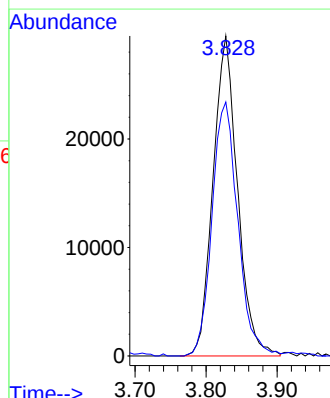
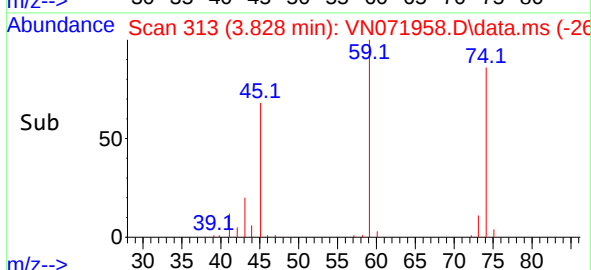
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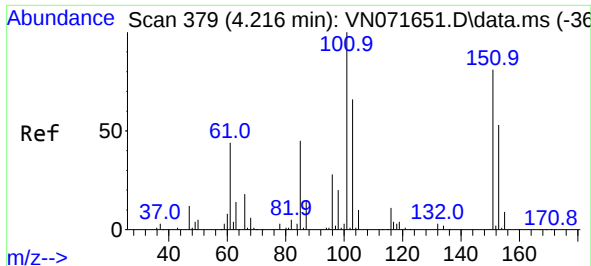


#8
Diethyl Ether
Concen: 21.200 ug/l
RT: 3.828 min Scan# 313
Delta R.T. -0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01



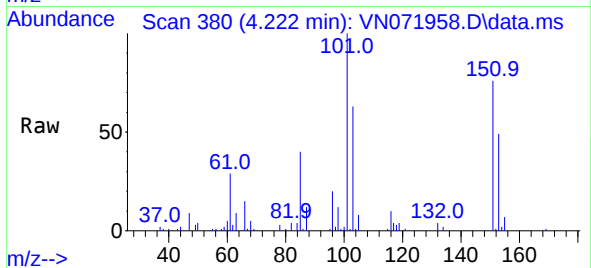
Tgt Ion: 74 Resp: 70477
Ion Ratio Lower Upper
74 100
45 84.1 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.203 ug/l
RT: 4.222 min Scan# 380
Delta R.T. 0.006 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

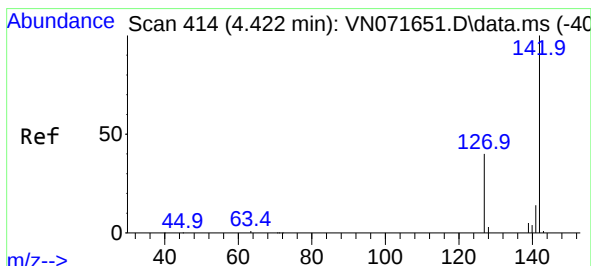
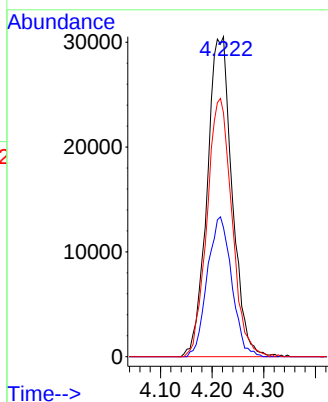
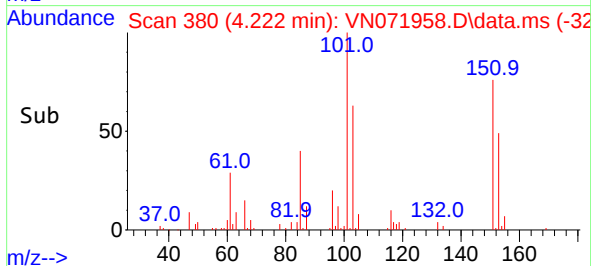
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



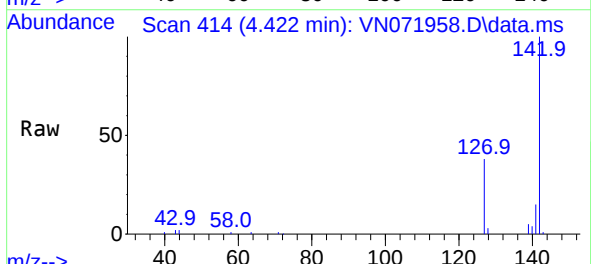
Tgt Ion:101 Resp: 102778
Ion Ratio Lower Upper
101 100
85 42.5 34.7 52.1
151 80.3 63.0 94.4

Manual Integrations
APPROVED

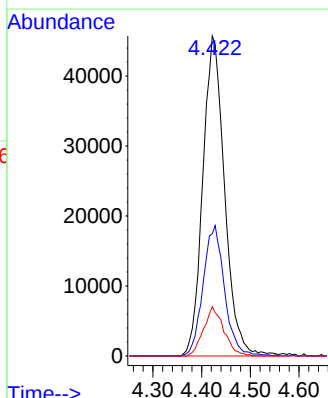
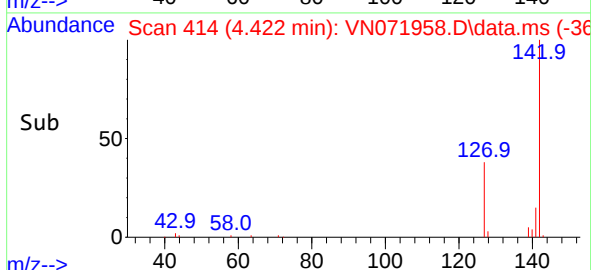
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

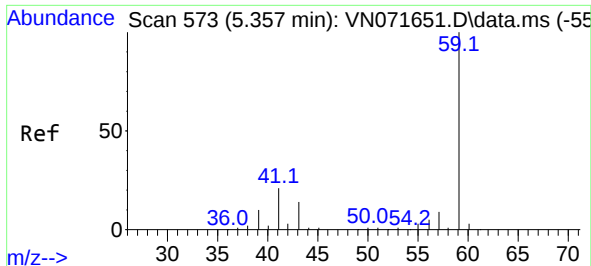


#10
Methyl Iodide
Concen: 20.990 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01



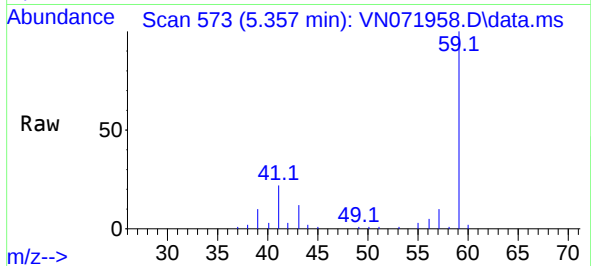
Tgt Ion:142 Resp: 142226
Ion Ratio Lower Upper
142 100
127 40.1 31.3 46.9
141 14.3 11.2 16.8





#11
Tert butyl alcohol
Concen: 99.192 ug/l
RT: 5.357 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

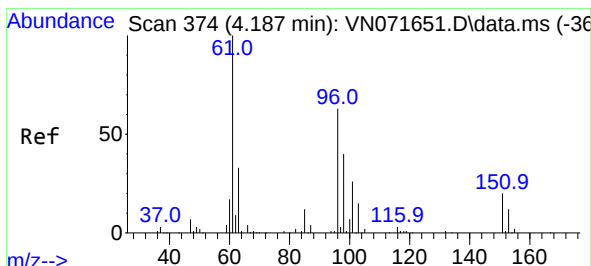
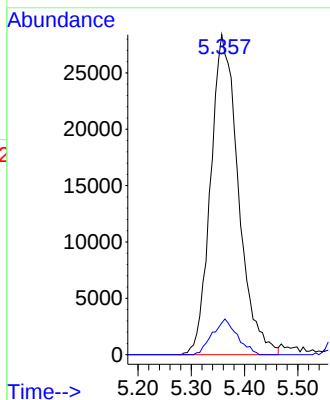
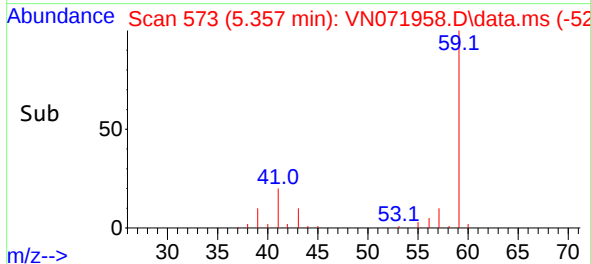
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



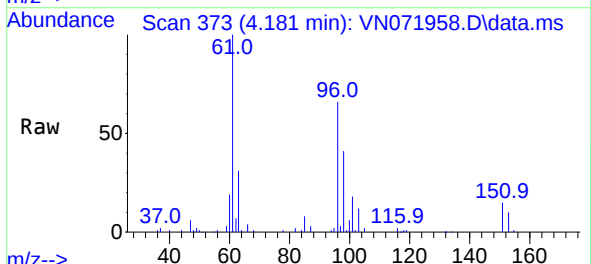
Tgt Ion: 59 Resp: 102700
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

Manual Integrations
APPROVED

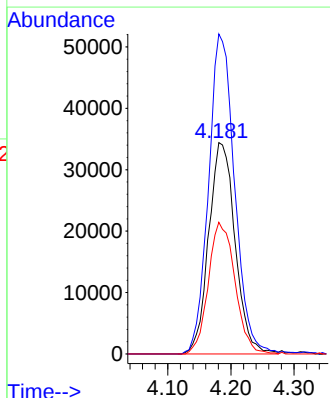
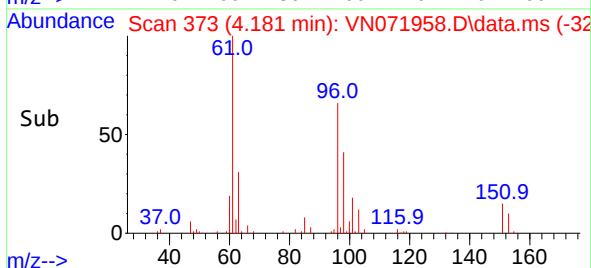
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

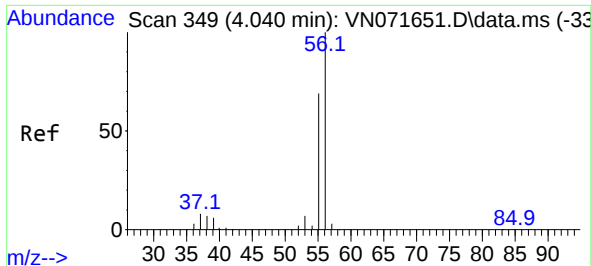


#12
1,1-Dichloroethene
Concen: 21.680 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.006 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01



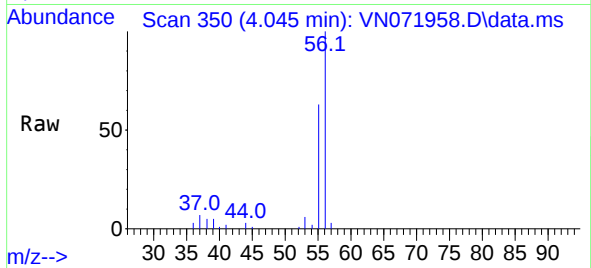
Tgt Ion: 96 Resp: 100006
Ion Ratio Lower Upper
96 100
61 151.4 127.6 191.4
98 62.3 51.2 76.8





#13
Acrolein
Concen: 63.620 ug/l
RT: 4.045 min Scan# 349
Delta R.T. 0.005 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

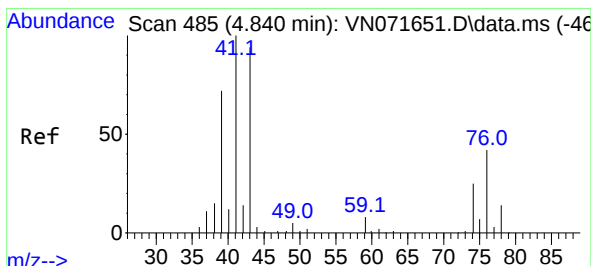
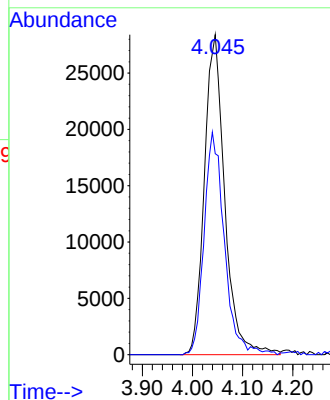
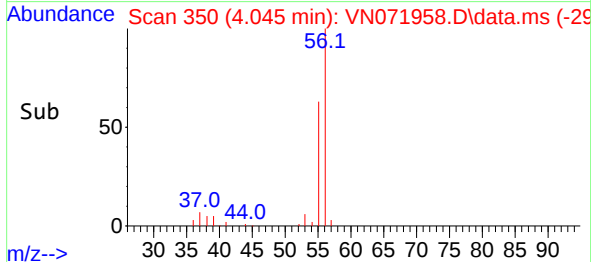
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



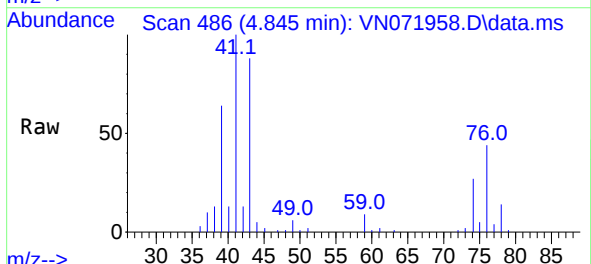
Tgt Ion: 56 Resp: 80310
Ion Ratio Lower Upper
56 100
55 68.6 54.8 82.2

Manual Integrations
APPROVED

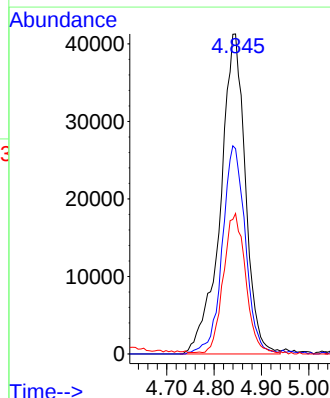
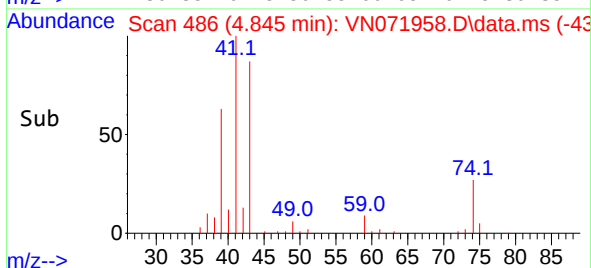
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

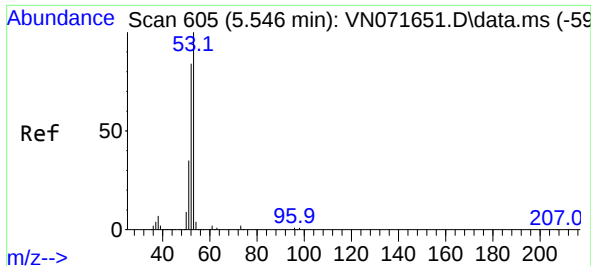


#14
Allyl chloride
Concen: 20.240 ug/l
RT: 4.845 min Scan# 486
Delta R.T. 0.005 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01



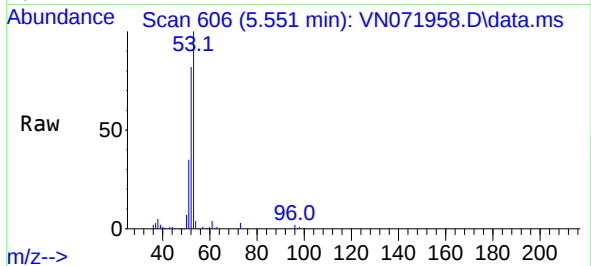
Tgt Ion: 41 Resp: 151537
Ion Ratio Lower Upper
41 100
39 59.9 53.2 79.8
76 38.2 29.9 44.9





#15
Acrylonitrile
Concen: 106.613 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.005 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

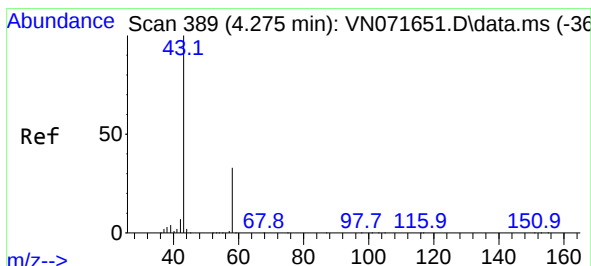
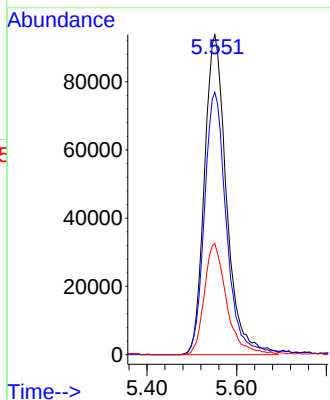
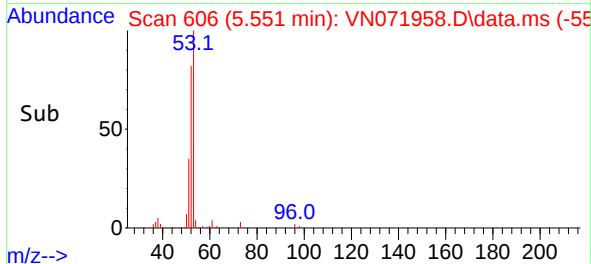
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



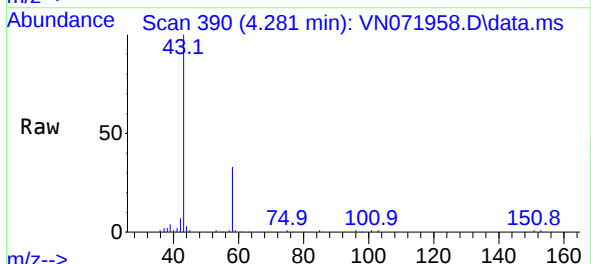
Tgt Ion: 53 Resp: 320849
Ion Ratio Lower Upper
53 100
52 81.8 66.4 99.6
51 35.1 28.5 42.7

Manual Integrations
APPROVED

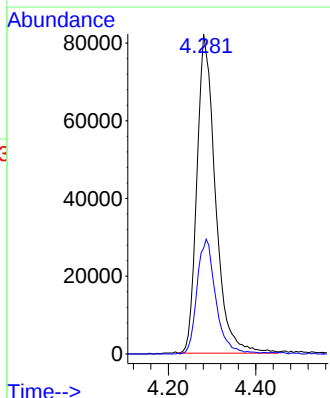
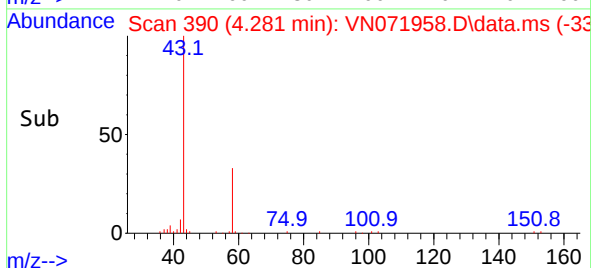
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

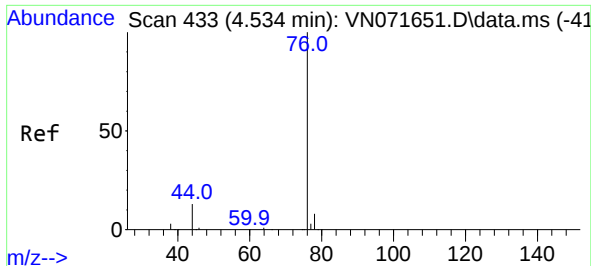


#16
Acetone
Concen: 88.815 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01



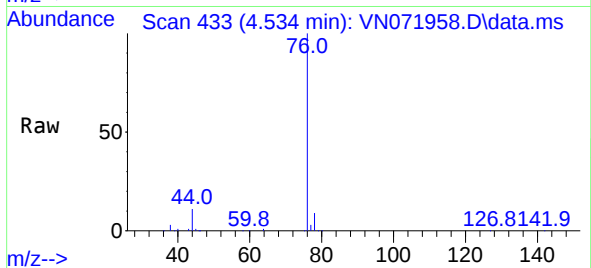
Tgt Ion: 43 Resp: 242162
Ion Ratio Lower Upper
43 100
58 33.0 26.0 39.0





#17
Carbon Disulfide
Concen: 23.580 ug/l
RT: 4.534 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

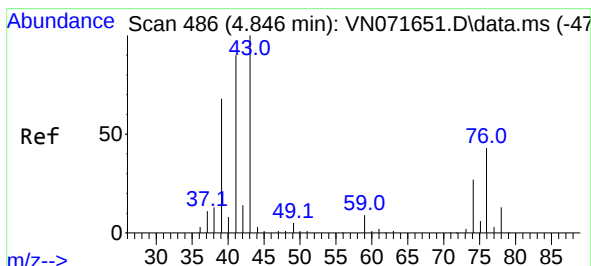
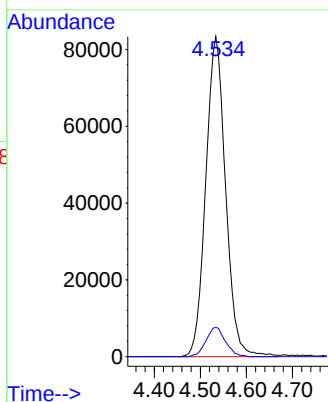
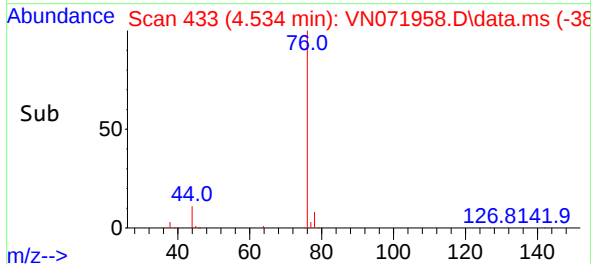
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



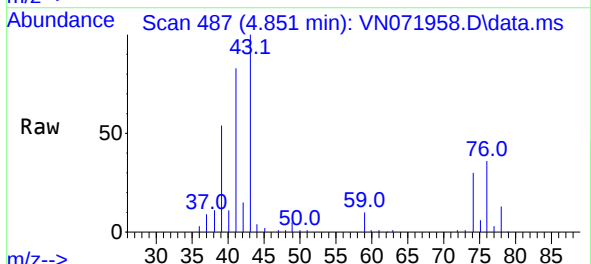
Tgt Ion: 76 Resp: 24956
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

Manual Integrations
APPROVED

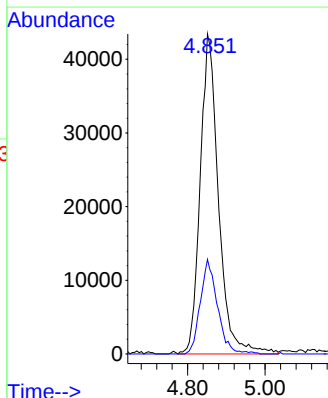
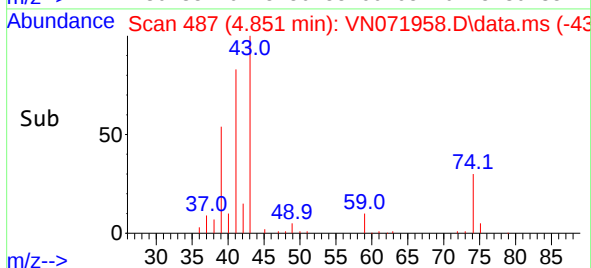
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

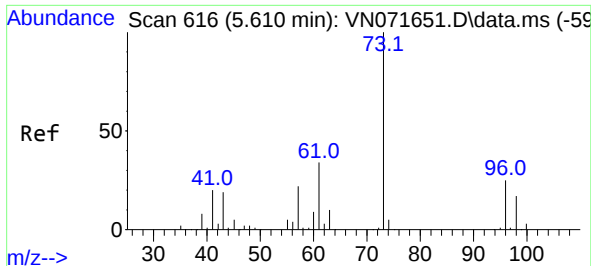


#18
Methyl Acetate
Concen: 20.169 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.005 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01



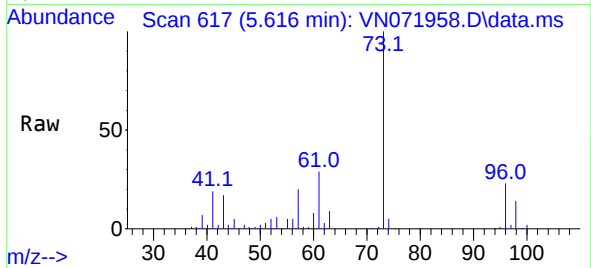
Tgt Ion: 43 Resp: 142276
Ion Ratio Lower Upper
43 100
74 27.8 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 20.502 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

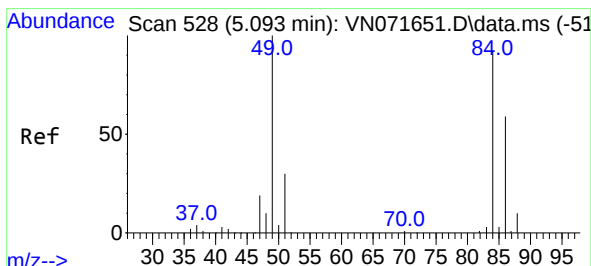
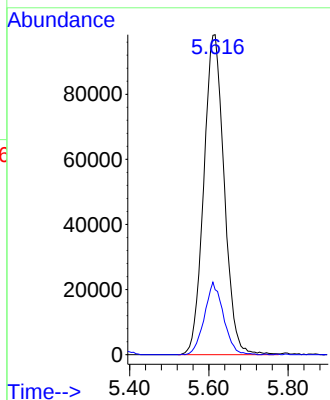
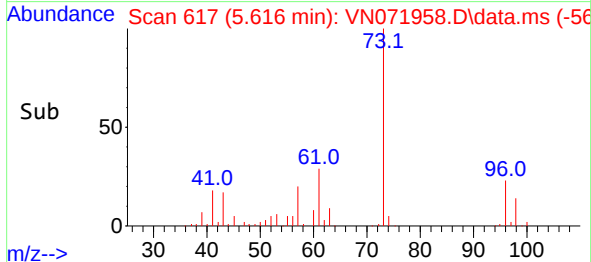
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



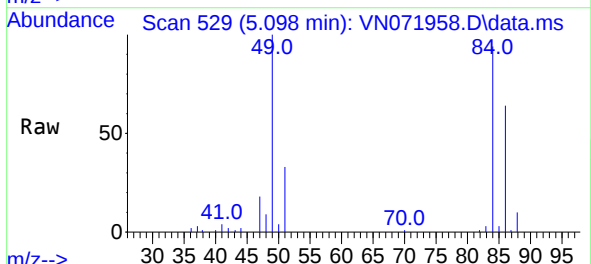
Tgt Ion: 73 Resp: 35133
Ion Ratio Lower Upper
73 100
57 20.3 17.6 26.4

Manual Integrations
APPROVED

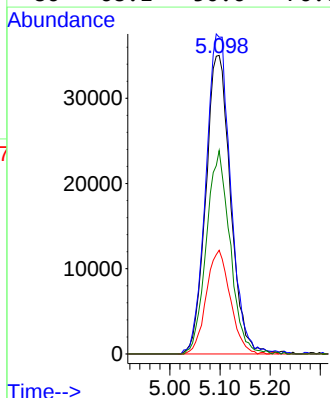
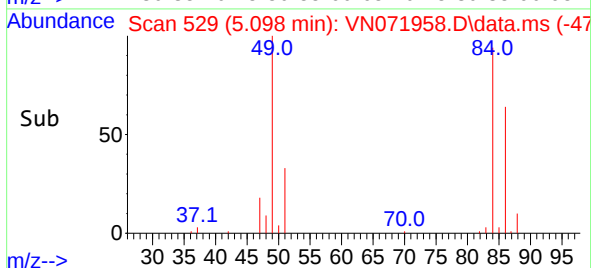
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

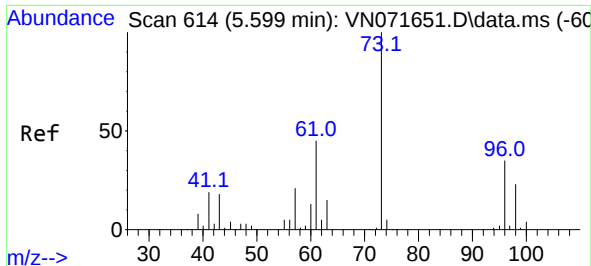


#20
Methylene Chloride
Concen: 20.886 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01



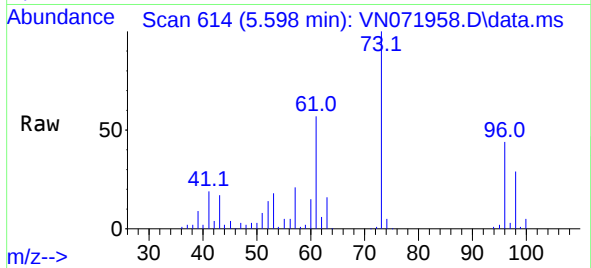
Tgt Ion: 84 Resp: 120029
Ion Ratio Lower Upper
84 100
49 106.1 88.3 132.5
51 34.7 28.2 42.2
86 68.1 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 21.316 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.001 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

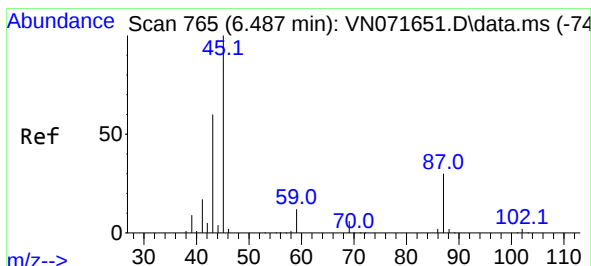
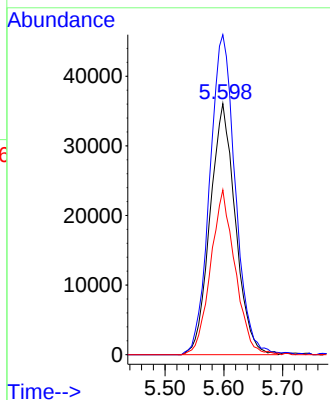
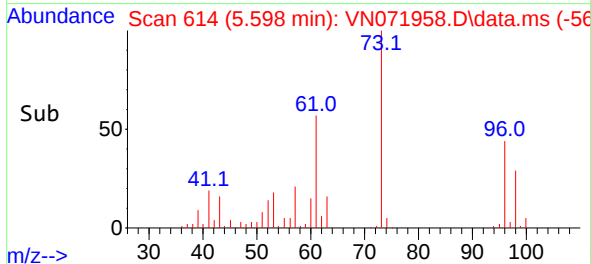
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



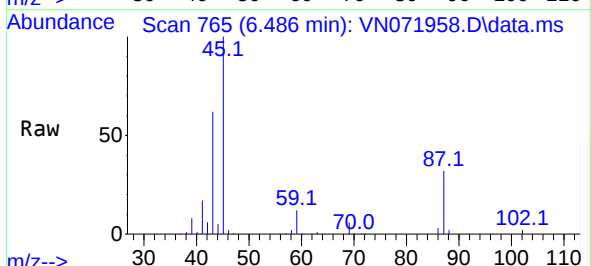
Tgt Ion: 96 Resp: 107940
Ion Ratio Lower Upper
96 100
61 127.5 105.8 158.8
98 65.7 50.3 75.5

Manual Integrations
APPROVED

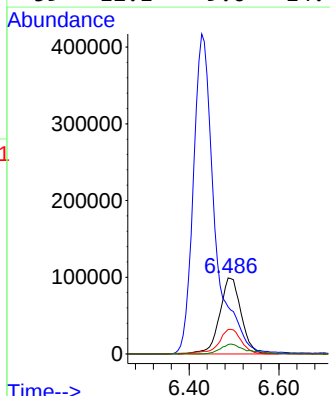
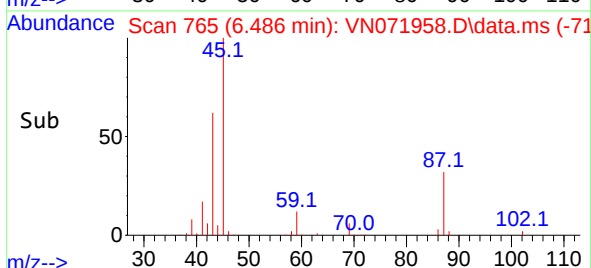
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

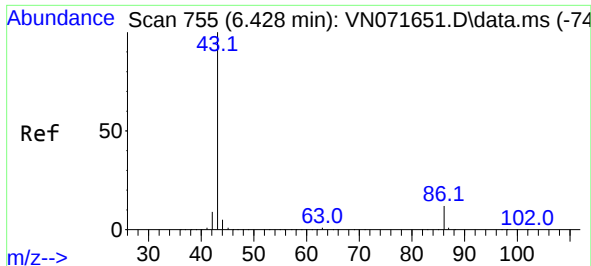


#22
Diisopropyl ether
Concen: 20.296 ug/l
RT: 6.486 min Scan# 765
Delta R.T. -0.001 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01



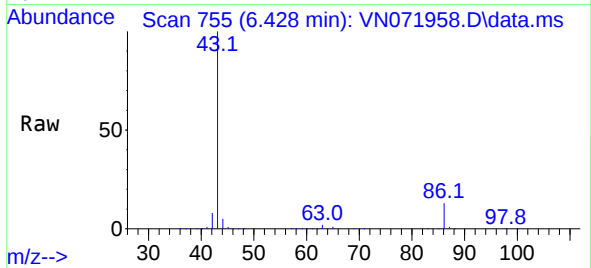
Tgt Ion: 45 Resp: 330810
Ion Ratio Lower Upper
45 100
43 59.9 46.6 70.0
87 31.9 24.3 36.5
59 12.1 9.6 14.4





#23
 Vinyl Acetate
 Concen: 106.955 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN071958.D
 Acq: 12 Apr 2022 17:01

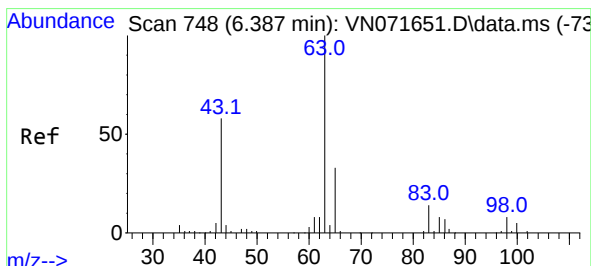
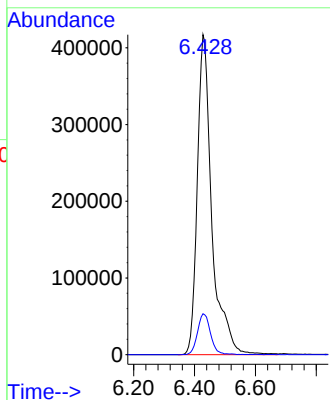
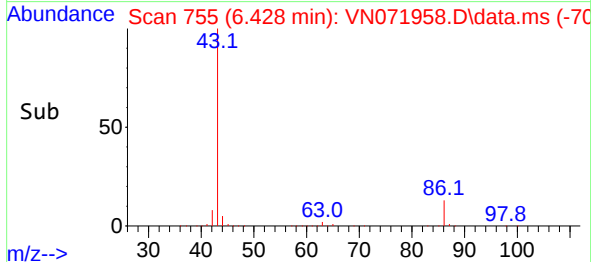
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBSD01



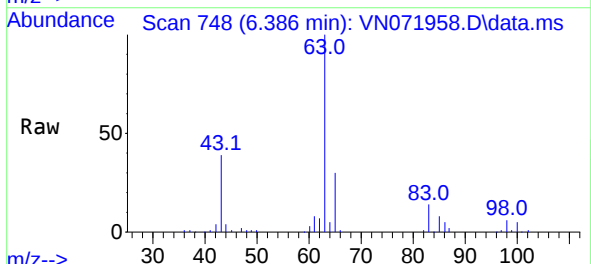
Tgt Ion: 43 Resp: 138628
 Ion Ratio Lower Upper
 43 100
 86 12.8 10.0 15.0

Manual Integrations
 APPROVED

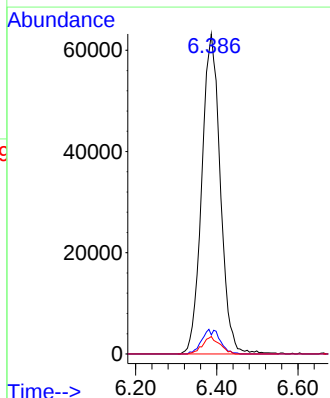
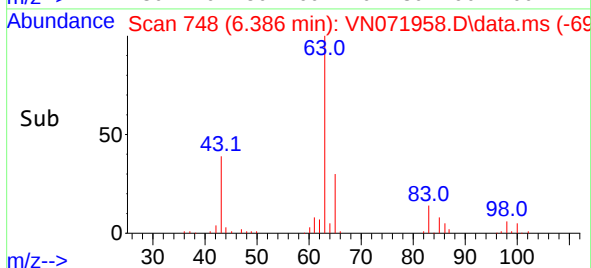
Reviewed By :John Carlone 04/13/2022
 Supervised By :Mahesh Dadoda 04/13/2022

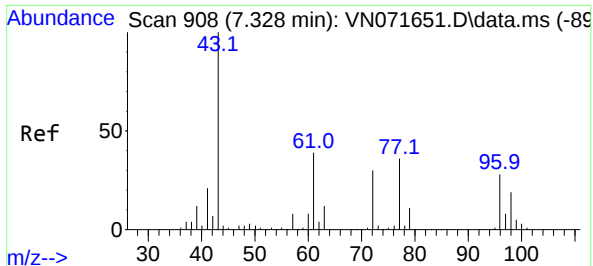


#24
 1,1-Dichloroethane
 Concen: 20.926 ug/l
 RT: 6.386 min Scan# 748
 Delta R.T. -0.001 min
 Lab File: VN071958.D
 Acq: 12 Apr 2022 17:01



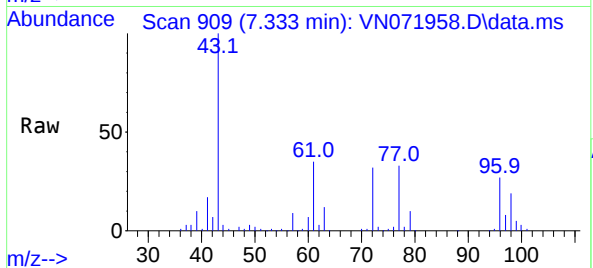
Tgt Ion: 63 Resp: 200229
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.5 10.4
 100 5.5 2.3 6.8





#25
2-Butanone
Concen: 99.519 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.005 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

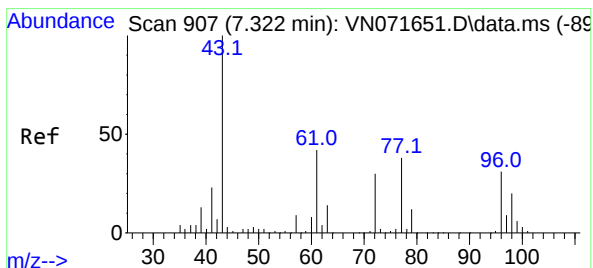
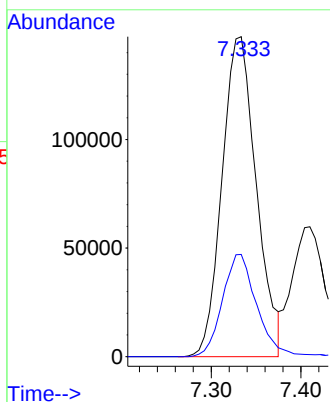
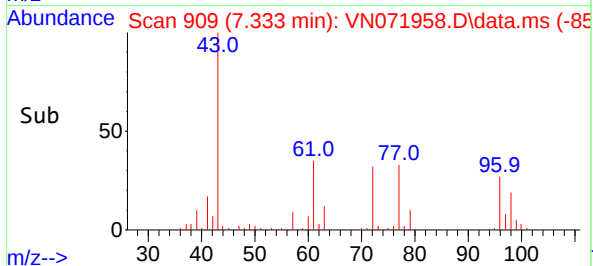
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



Tgt Ion: 43 Resp: 391179
Ion Ratio Lower Upper
43 100
72 32.0 23.7 35.5

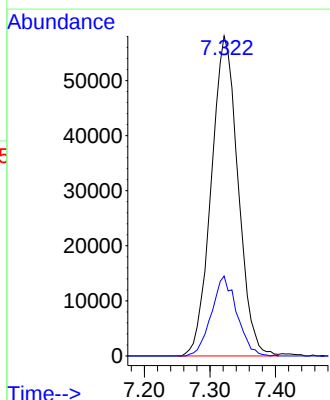
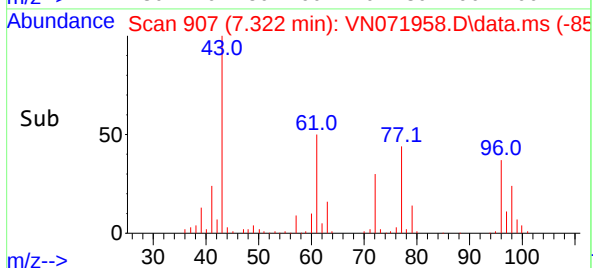
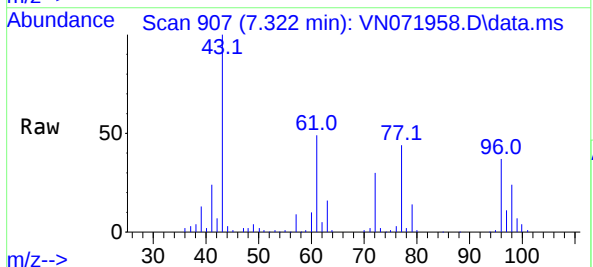
Manual Integrations
APPROVED

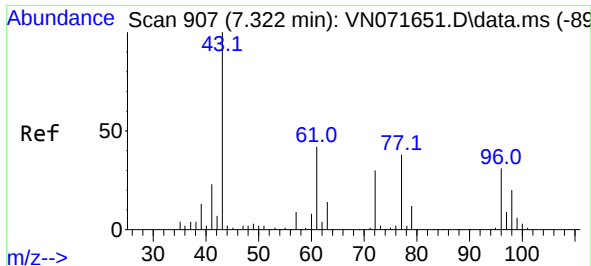
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022



#26
2,2-Dichloropropane
Concen: 20.033 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

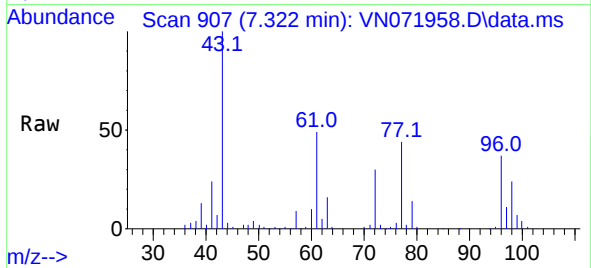
Tgt Ion: 77 Resp: 164666
Ion Ratio Lower Upper
77 100
97 23.7 11.4 34.2





#27
cis-1,2-Dichloroethene
Concen: 21.032 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

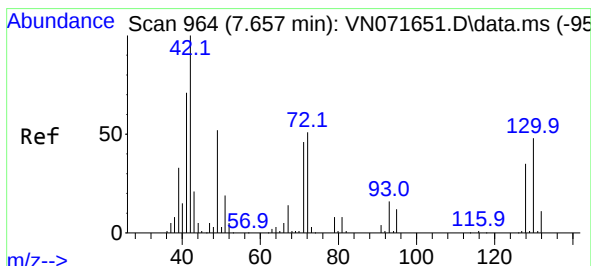
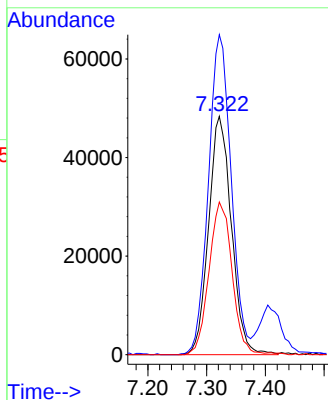
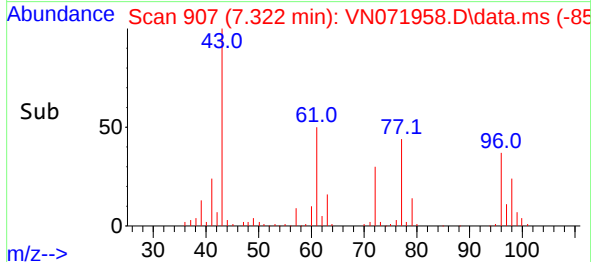
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



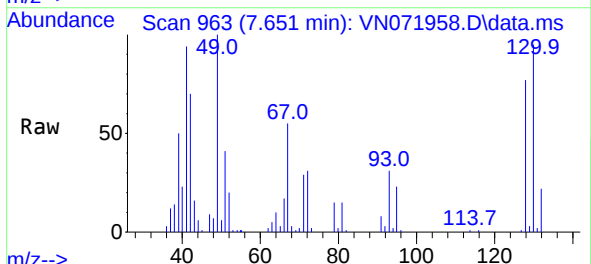
Tgt Ion: 96 Resp: 13060
Ion Ratio Lower Upper
96 100
61 134.2 0.0 280.6
98 65.0 0.0 128.4

Manual Integrations
APPROVED

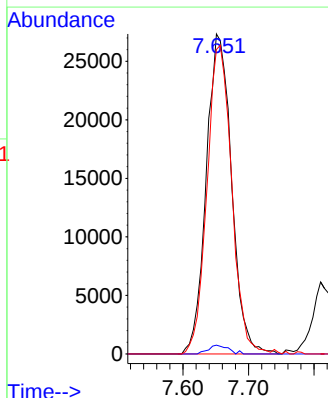
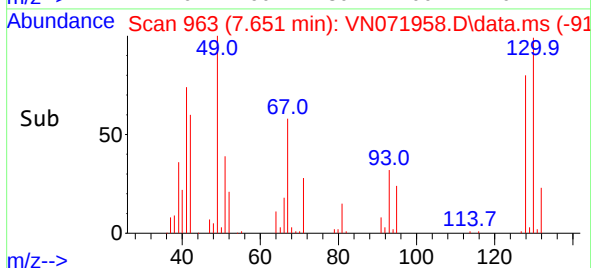
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

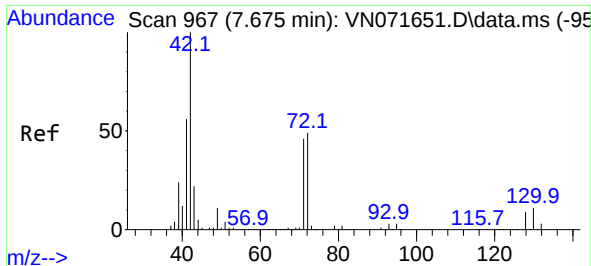


#28
Bromochloromethane
Concen: 18.943 ug/l
RT: 7.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01



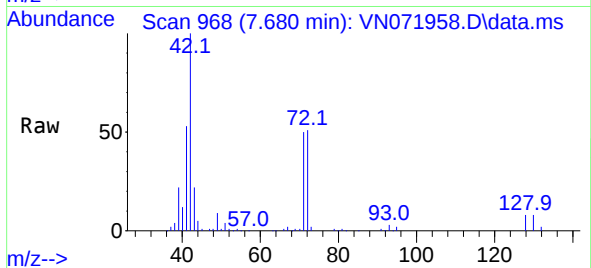
Tgt Ion: 49 Resp: 73117
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.6
130 94.4 69.7 104.5





#29
Tetrahydrofuran
Concen: 105.862 ug/l
RT: 7.680 min Scan# 90
Delta R.T. 0.005 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

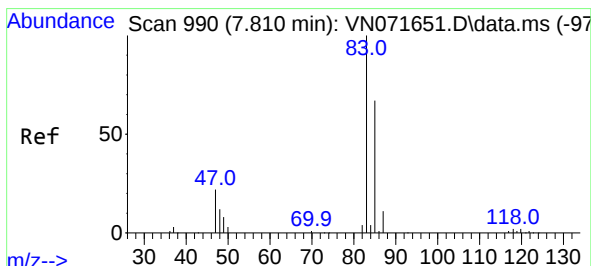
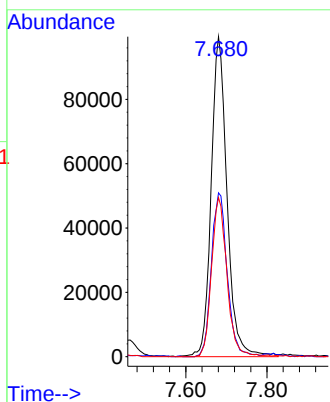
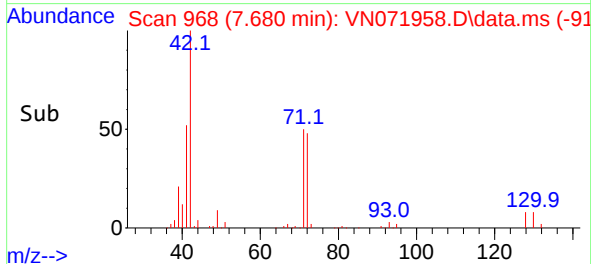
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



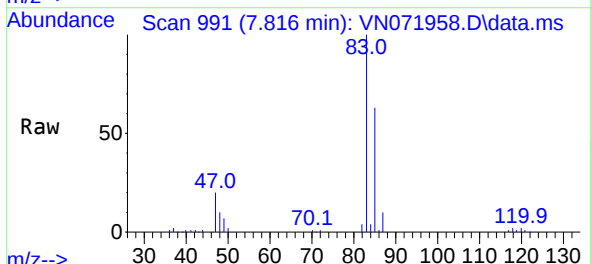
Tgt Ion: 42 Resp: 269438
Ion Ratio Lower Upper
42 100
72 51.2 39.7 59.5
71 48.3 36.6 55.0

Manual Integrations
APPROVED

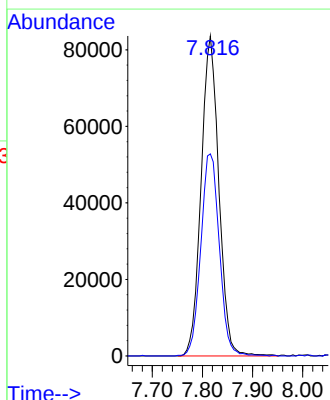
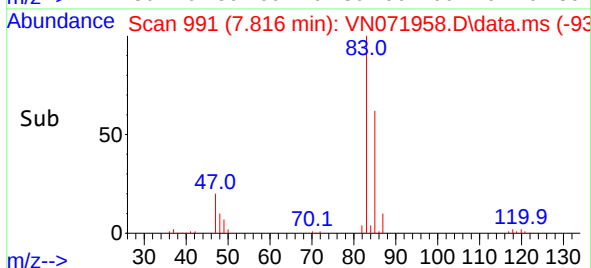
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

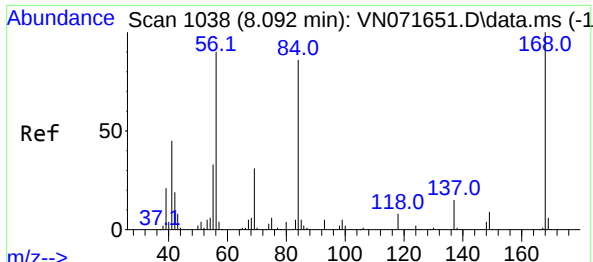


#30
Chloroform
Concen: 20.334 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01



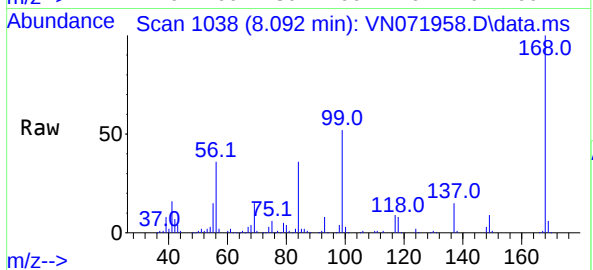
Tgt Ion: 83 Resp: 205445
Ion Ratio Lower Upper
83 100
85 63.1 51.8 77.8





#31
Cyclohexane
Concen: 21.414 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

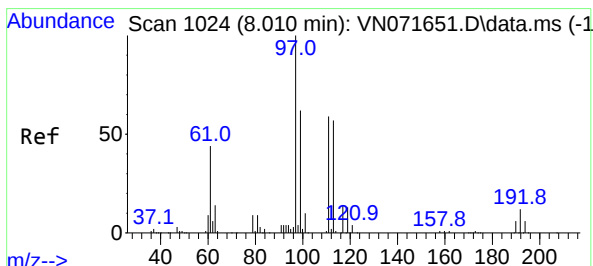
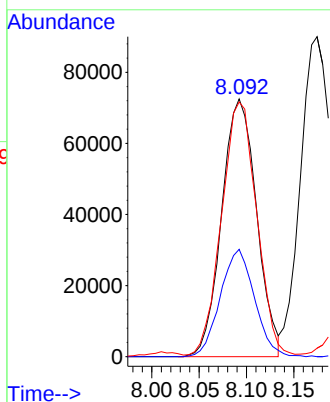
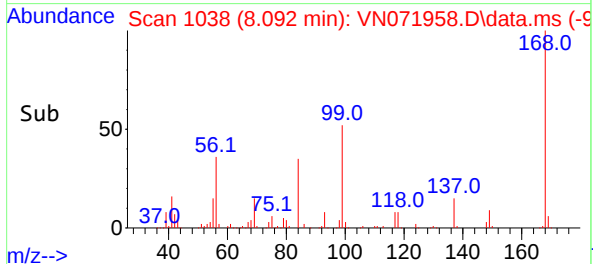
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



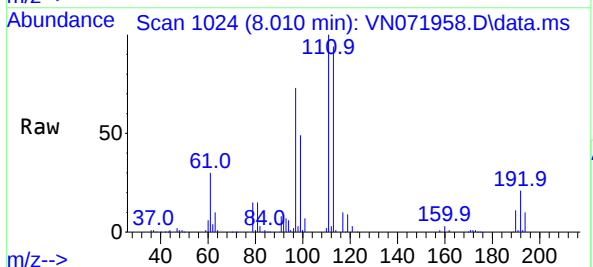
Tgt Ion: 56 Resp: 185794
Ion Ratio Lower Upper
56 100
69 41.7 27.8 41.8
84 97.6 76.9 115.3

Manual Integrations
APPROVED

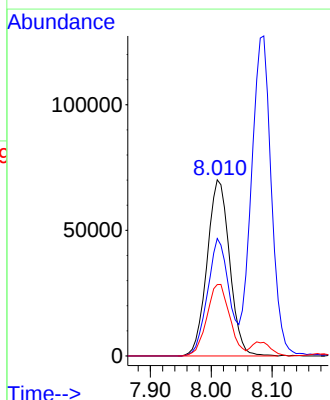
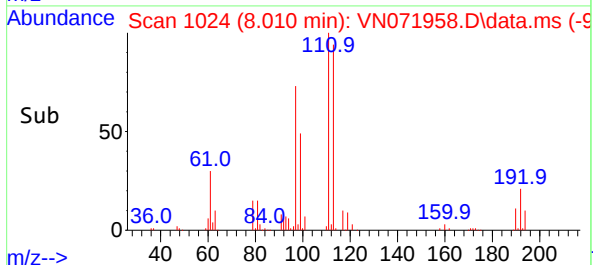
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

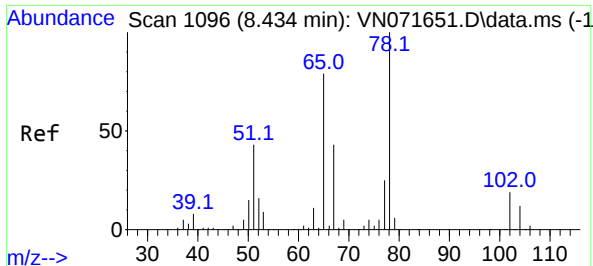


#32
1,1,1-Trichloroethane
Concen: 20.797 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01



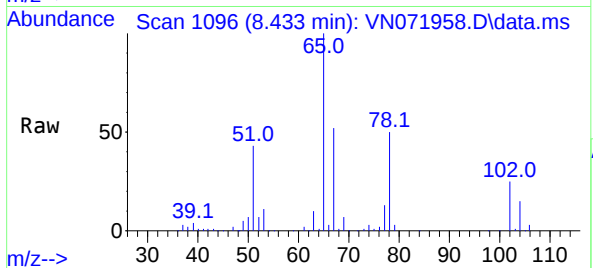
Tgt Ion: 97 Resp: 179753
Ion Ratio Lower Upper
97 100
99 64.6 50.6 76.0
61 41.5 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 45.072 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

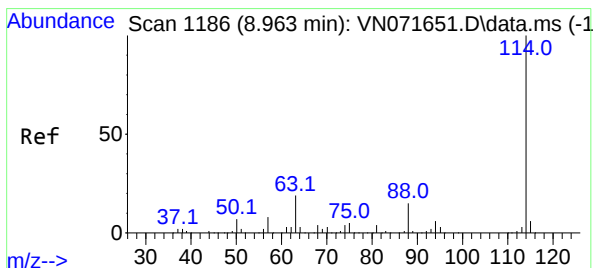
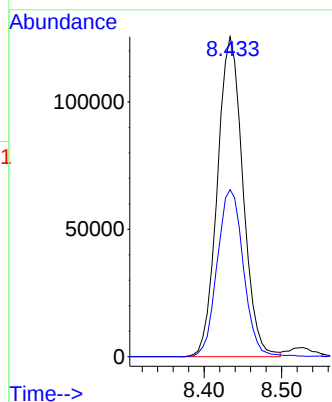
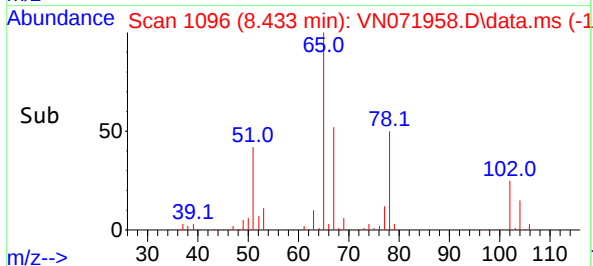
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



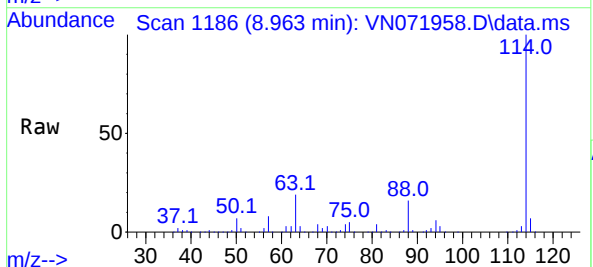
Tgt Ion: 65 Resp: 287560
Ion Ratio Lower Upper
65 100
67 53.7 0.0 104.8

Manual Integrations
APPROVED

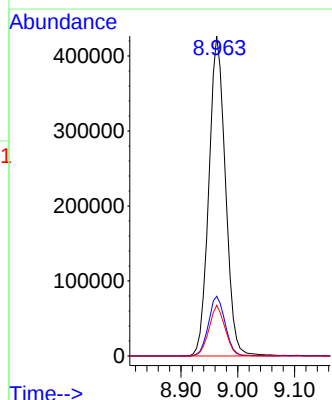
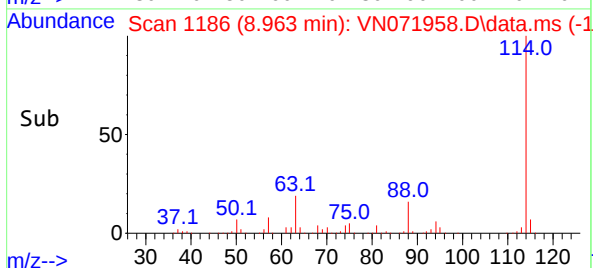
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

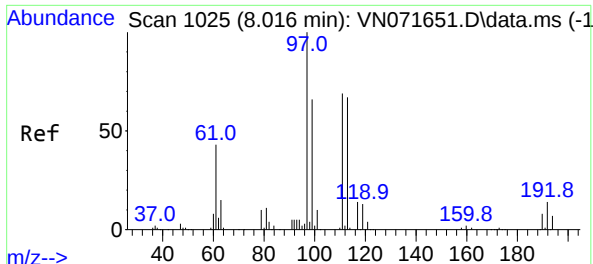


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01



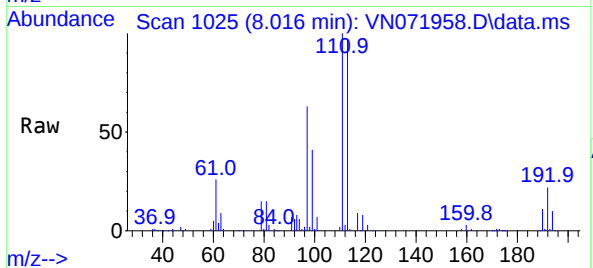
Tgt Ion:114 Resp: 861494
Ion Ratio Lower Upper
114 100
63 18.7 0.0 40.0
88 15.8 0.0 32.6





#35
Dibromofluoromethane
Concen: 49.776 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

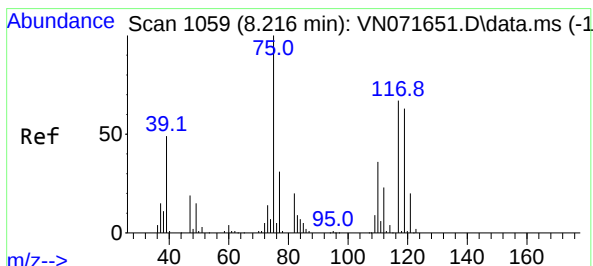
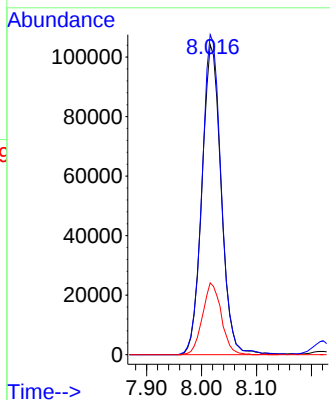
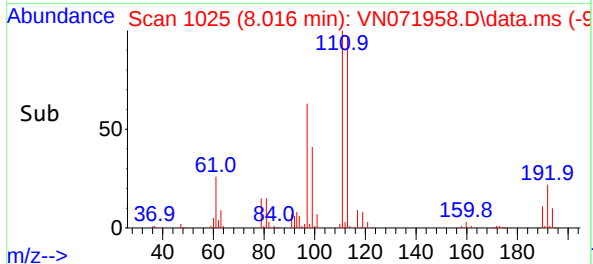
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



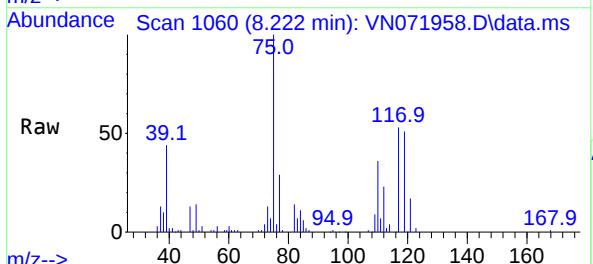
Tgt Ion: 113 Resp: 252334
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.0
192 22.7 17.0 25.6

Manual Integrations
APPROVED

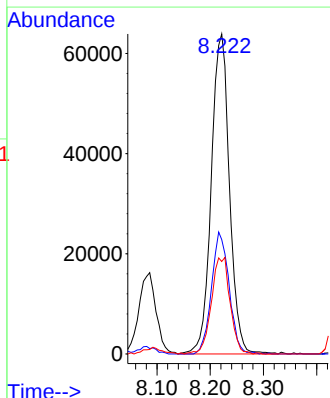
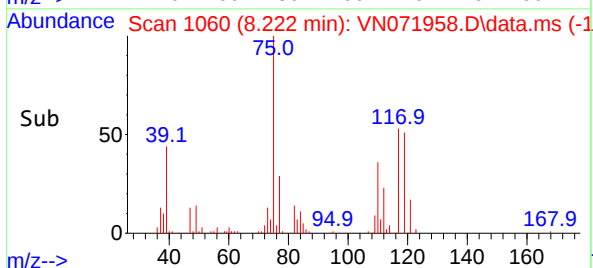
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

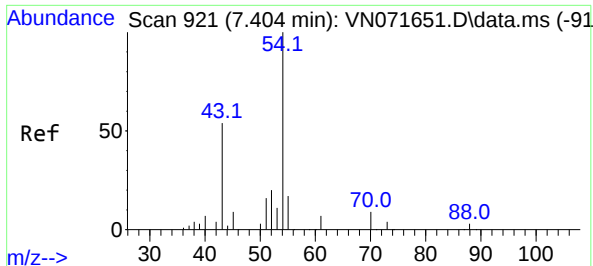


#36
1,1-Dichloropropene
Concen: 21.436 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01



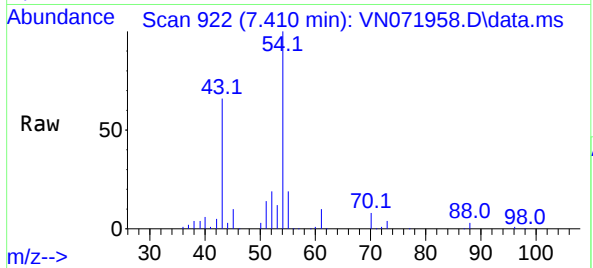
Tgt Ion: 75 Resp: 151748
Ion Ratio Lower Upper
75 100
110 36.9 18.3 54.8
77 31.0 25.1 37.7





#37
Ethyl Acetate
Concen: 21.171 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

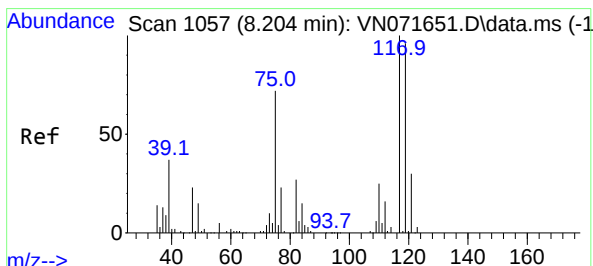
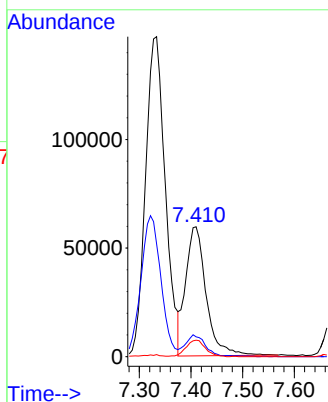
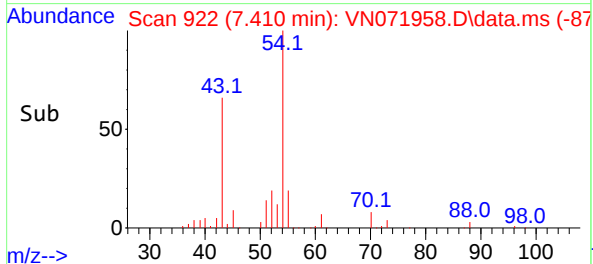
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



Tgt Ion: 43 Resp: 164040
Ion Ratio Lower Upper
43 100
61 16.9 11.8 17.6
70 12.1 9.3 13.9

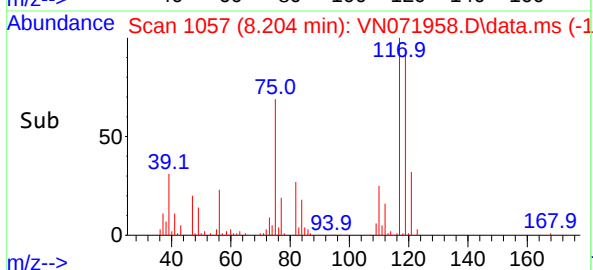
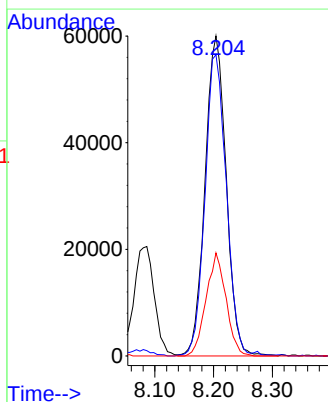
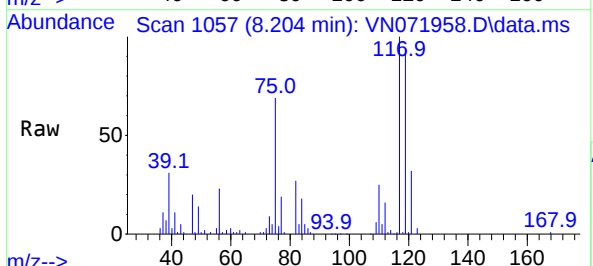
Manual Integrations
APPROVED

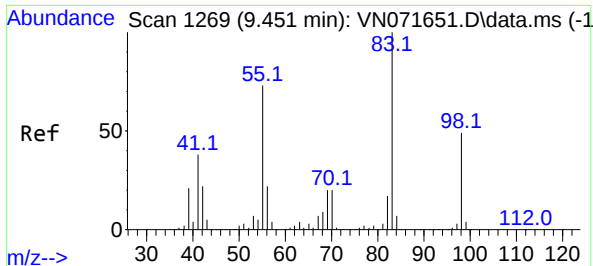
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022



#38
Carbon Tetrachloride
Concen: 21.624 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

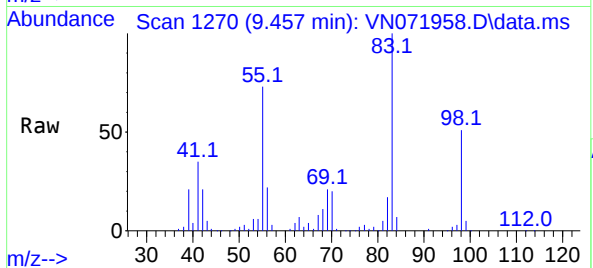
Tgt Ion:117 Resp: 150029
Ion Ratio Lower Upper
117 100
119 93.8 75.8 113.8
121 32.2 24.6 37.0





#39
Methylcyclohexane
Concen: 22.556 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.006 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

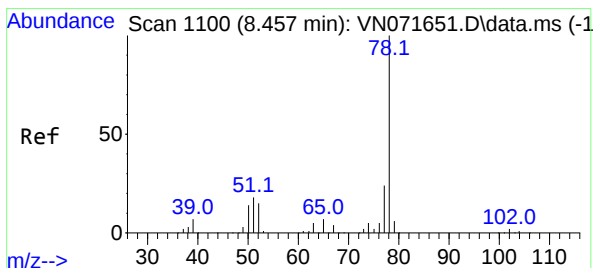
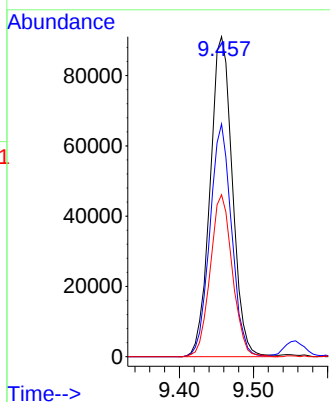
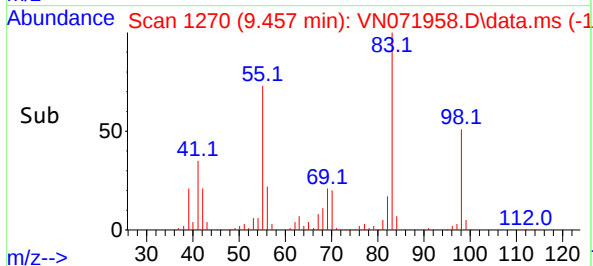
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



Tgt Ion: 83 Resp: 190074
Ion Ratio Lower Upper
83 100
55 72.7 57.8 86.8
98 50.6 39.4 59.2

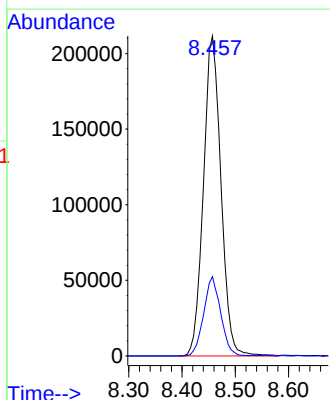
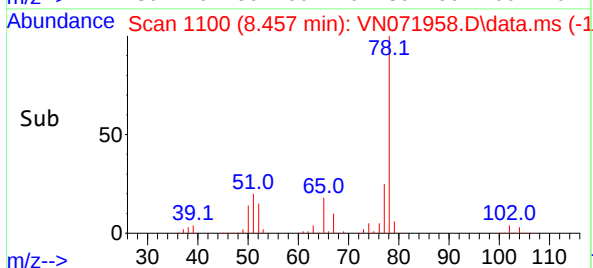
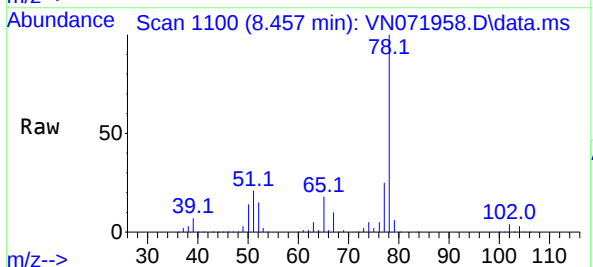
Manual Integrations
APPROVED

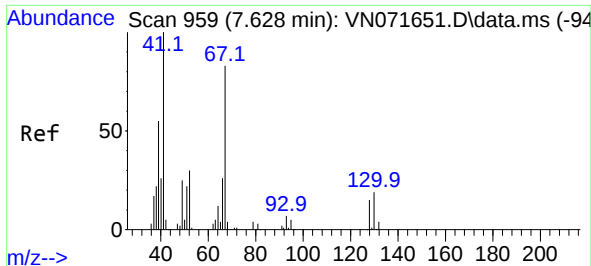
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022



#40
Benzene
Concen: 21.659 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

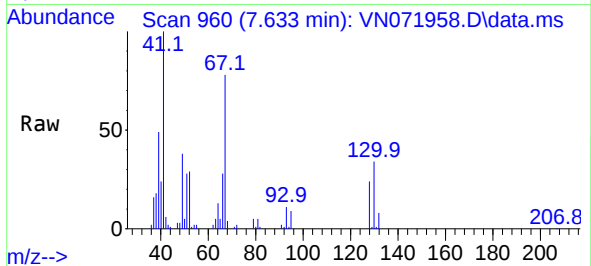
Tgt Ion: 78 Resp: 484367
Ion Ratio Lower Upper
78 100
77 24.8 19.4 29.0





#41
Methacrylonitrile
Concen: 21.058 ug/l
RT: 7.633 min Scan# 90
Delta R.T. 0.005 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

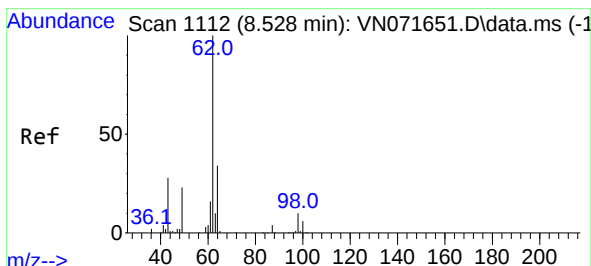
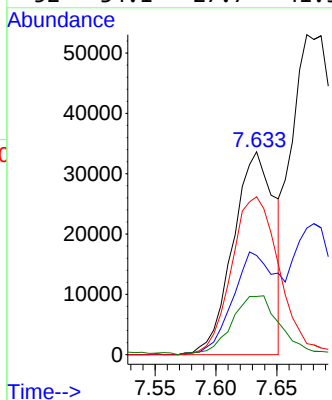
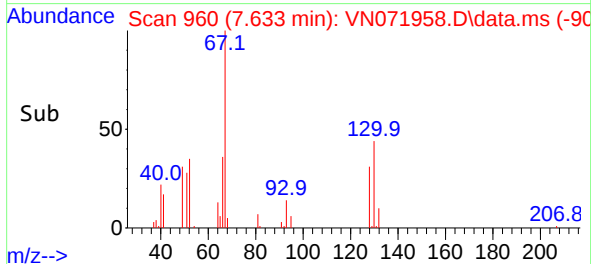
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



Tgt Ion: 41 Resp: 79892
Ion Ratio Lower Upper
41 100
39 56.3 48.6 73.0
67 90.8 73.4 110.2
52 34.1 27.7 41.5

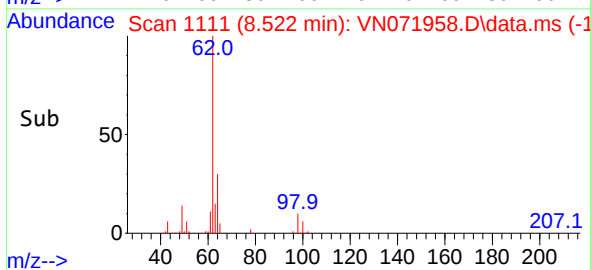
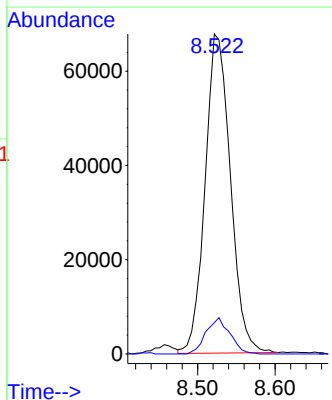
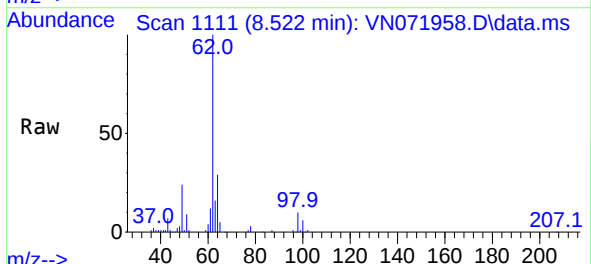
Manual Integrations
APPROVED

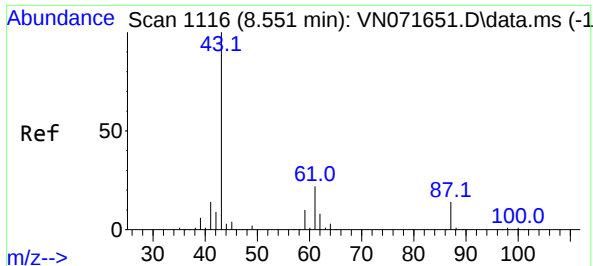
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022



#42
1,2-Dichloroethane
Concen: 19.894 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

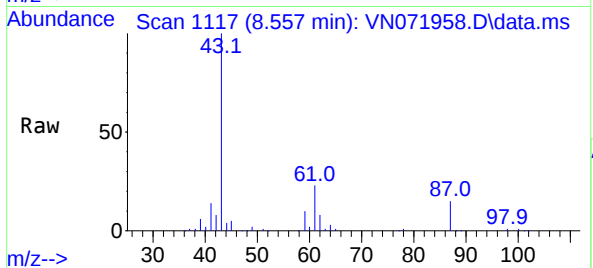
Tgt Ion: 62 Resp: 153895
Ion Ratio Lower Upper
62 100
98 10.7 0.0 19.4





#43
Isopropyl Acetate
Concen: 18.755 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.006 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

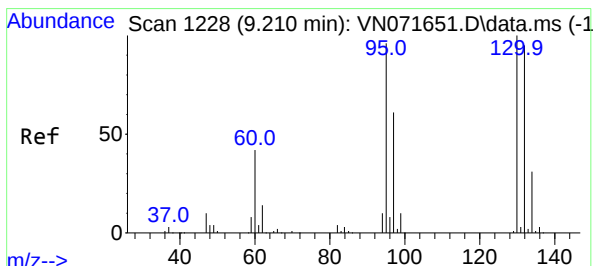
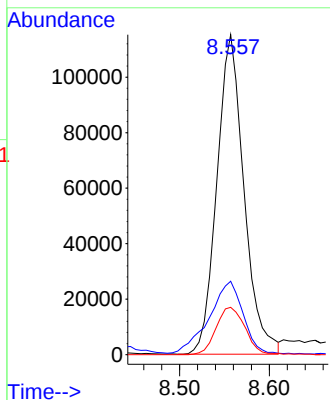
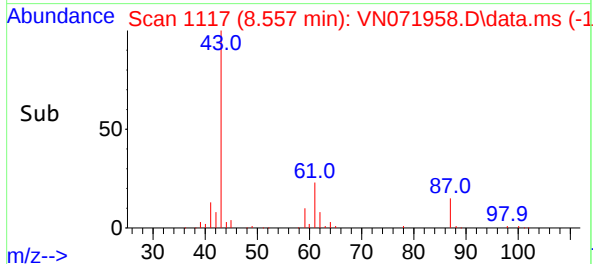
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



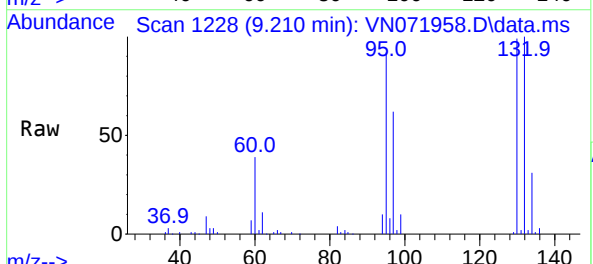
Tgt Ion: 43 Resp: 24171
Ion Ratio Lower Upper
43 100
61 29.6 21.9 32.9
87 16.0 12.0 18.0

Manual Integrations
APPROVED

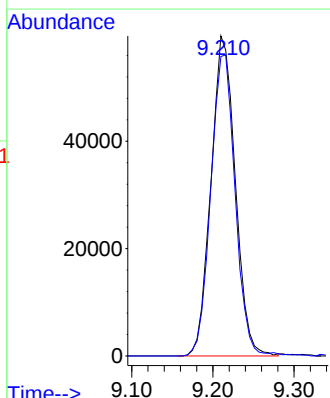
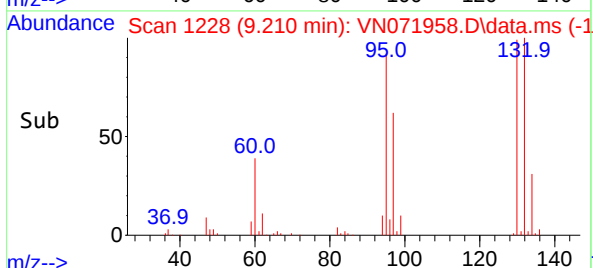
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

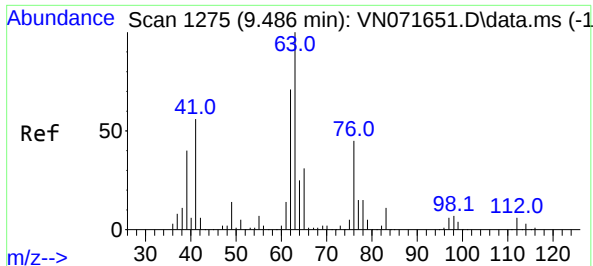


#44
Trichloroethene
Concen: 21.528 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01



Tgt Ion:130 Resp: 124029
Ion Ratio Lower Upper
130 100
95 93.6 0.0 186.8





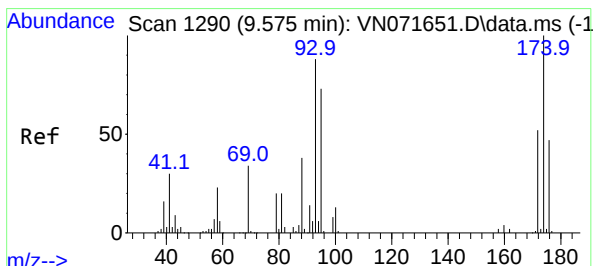
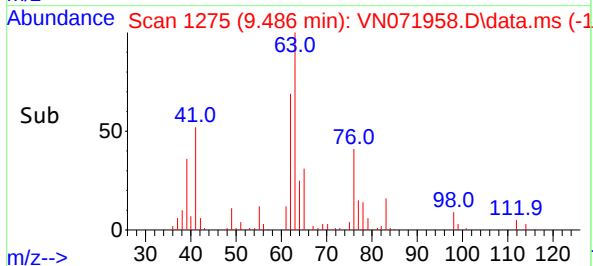
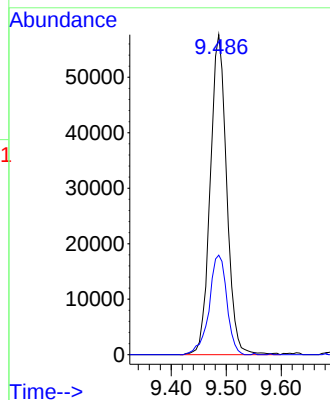
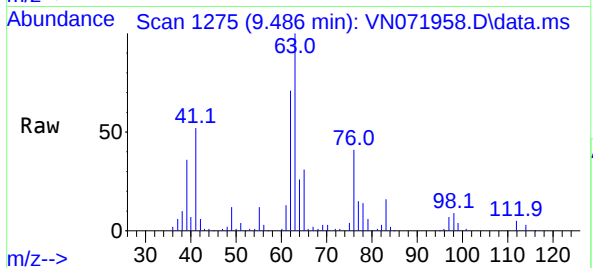
#45
1,2-Dichloropropane
Concen: 21.466 ug/l
RT: 9.486 min Scan# 11992
Delta R.T. 0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01

Tgt Ion: 63 Resp: 11992
Ion Ratio Lower Upper
63 100
65 31.1 24.9 37.3

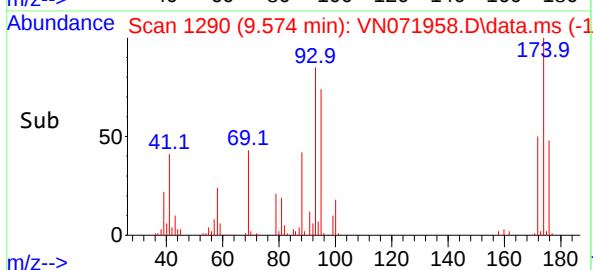
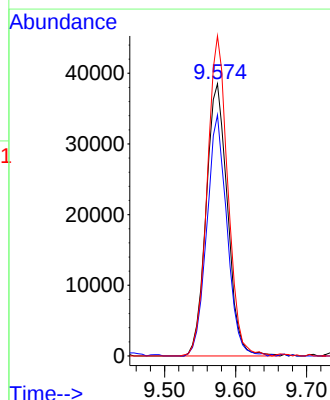
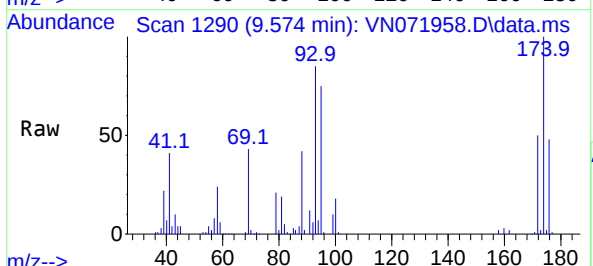
Manual Integrations
APPROVED

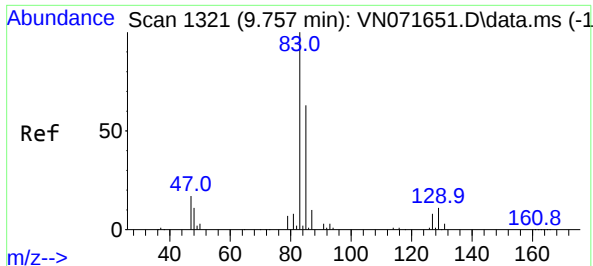
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022



#46
Dibromomethane
Concen: 21.234 ug/l
RT: 9.574 min Scan# 1290
Delta R.T. -0.001 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

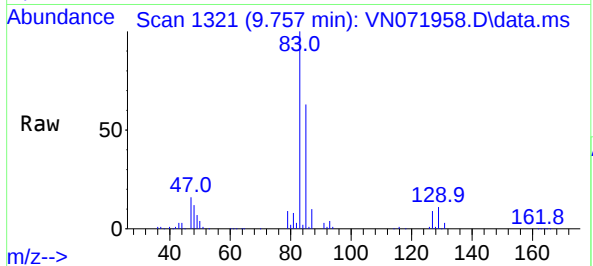
Tgt Ion: 93 Resp: 80543
Ion Ratio Lower Upper
93 100
95 83.7 66.9 100.3
174 113.0 86.6 130.0





#47
Bromodichloromethane
Concen: 21.289 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

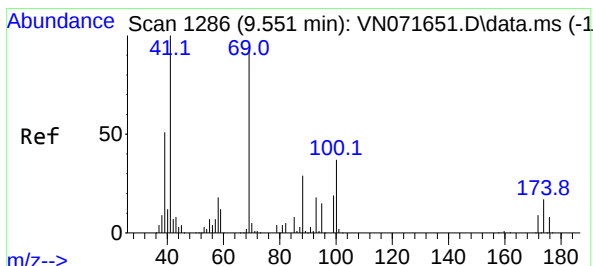
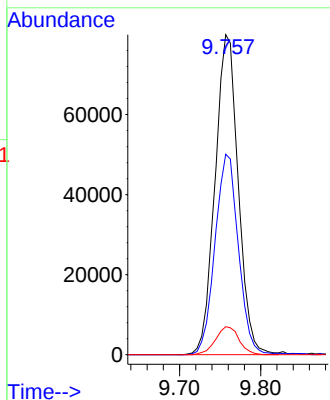
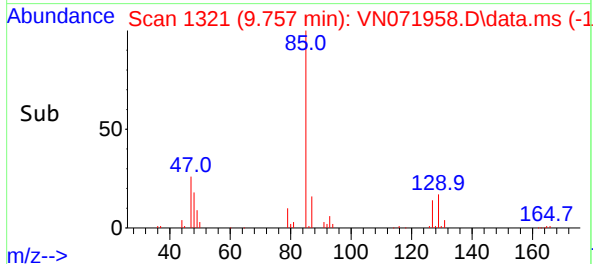
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



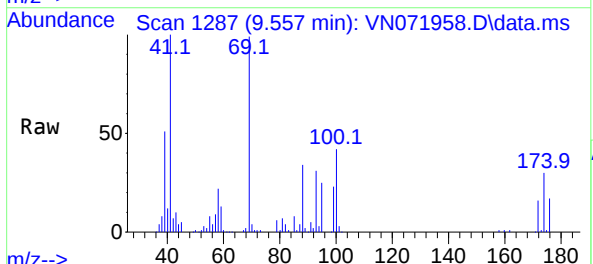
Tgt Ion: 83 Resp: 15895
Ion Ratio Lower Upper
83 100
85 62.7 50.5 75.7
127 8.8 6.8 10.2

Manual Integrations
APPROVED

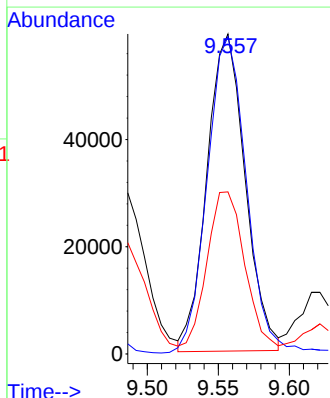
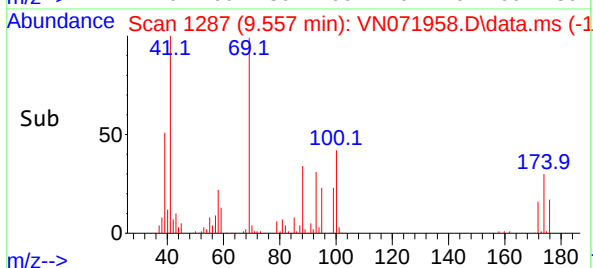
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

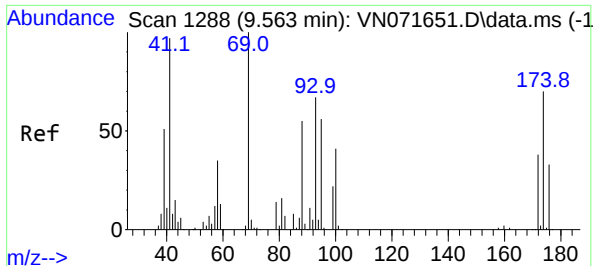


#48
Methyl methacrylate
Concen: 20.725 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01



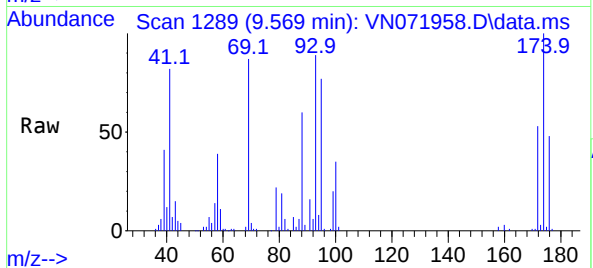
Tgt Ion: 41 Resp: 110818
Ion Ratio Lower Upper
41 100
69 102.5 74.7 112.1
39 52.2 45.6 68.4





#49
1,4-Dioxane
Concen: 412.022 ug/l
RT: 9.569 min Scan# 1288
Delta R.T. 0.006 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

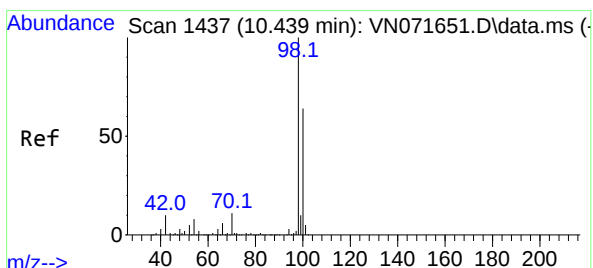
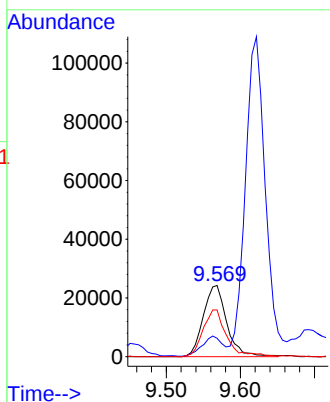
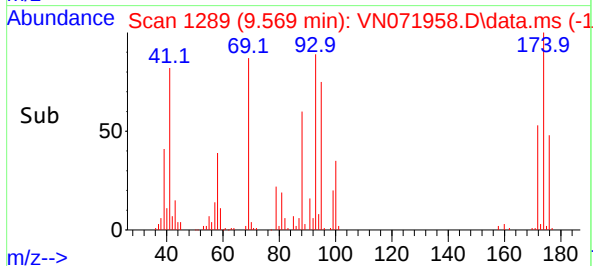
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



Tgt Ion: 88 Resp: 53290
Ion Ratio Lower Upper
88 100
43 23.9 20.2 30.4
58 65.9 54.2 81.4

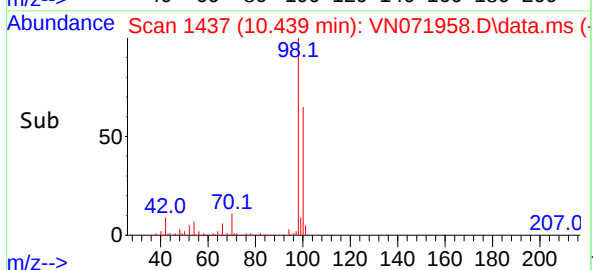
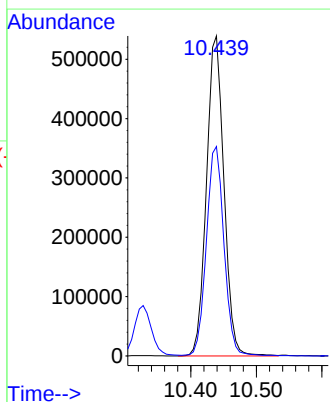
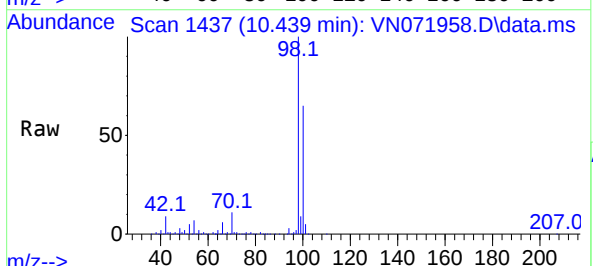
Manual Integrations
APPROVED

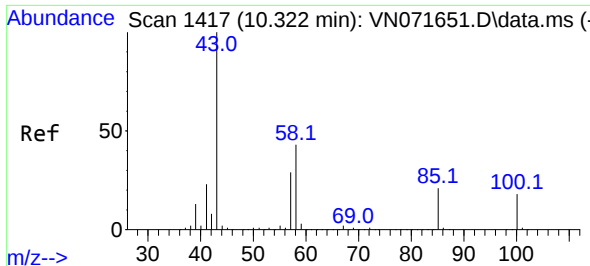
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022



#50
Toluene-d8
Concen: 48.116 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

Tgt Ion: 98 Resp: 997824
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8





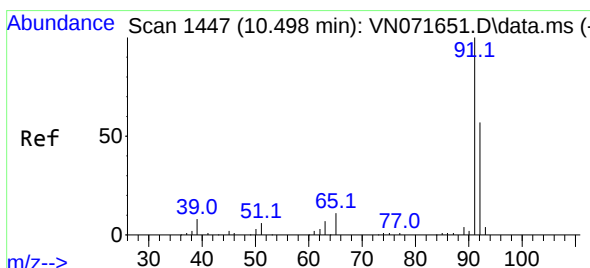
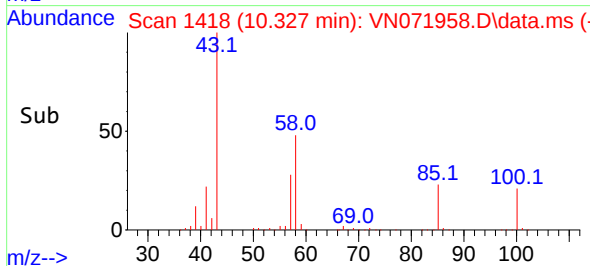
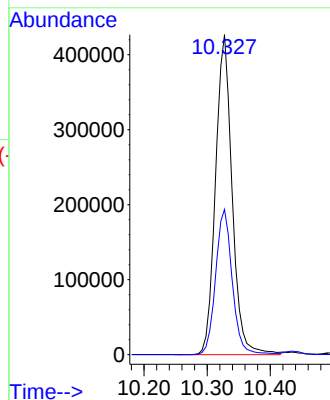
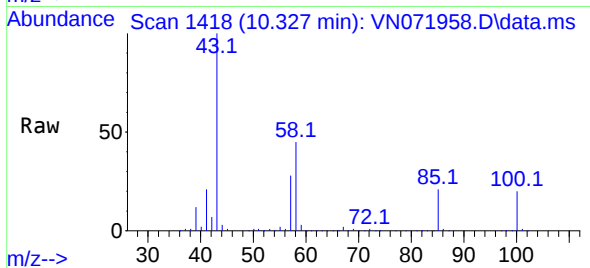
#51
4-Methyl-2-Pentanone
Concen: 105.184 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.005 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01

Tgt Ion: 43 Resp: 779408
Ion Ratio Lower Upper
43 100
58 45.4 34.1 51.1

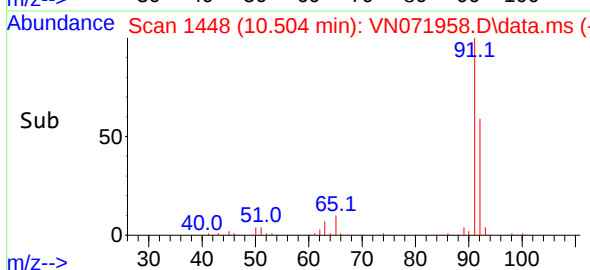
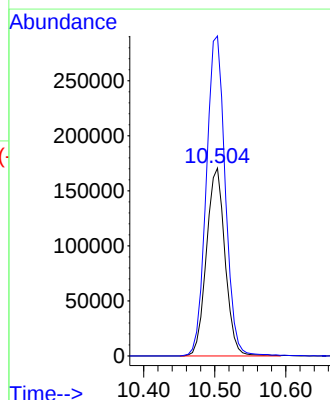
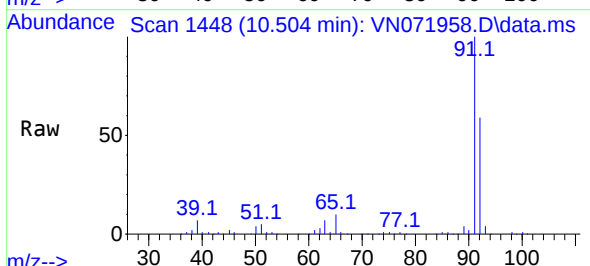
Manual Integrations
APPROVED

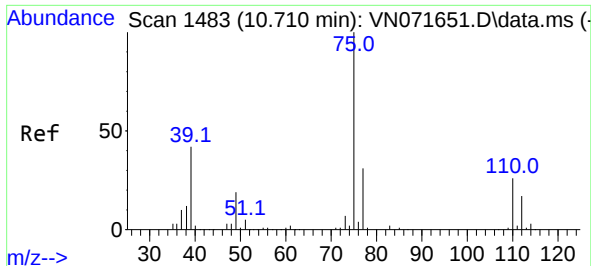
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022



#52
Toluene
Concen: 21.998 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

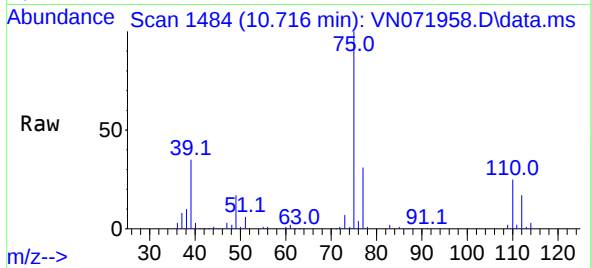
Tgt Ion: 92 Resp: 310966
Ion Ratio Lower Upper
92 100
91 173.9 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 21.186 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

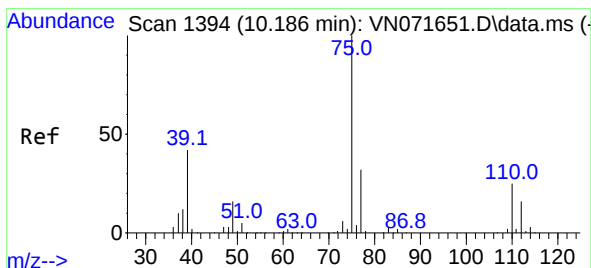
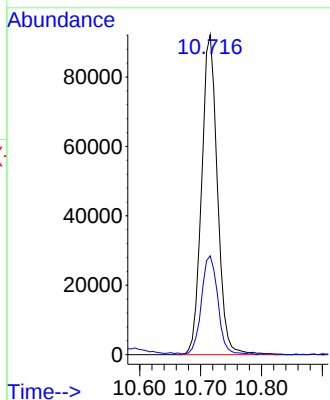
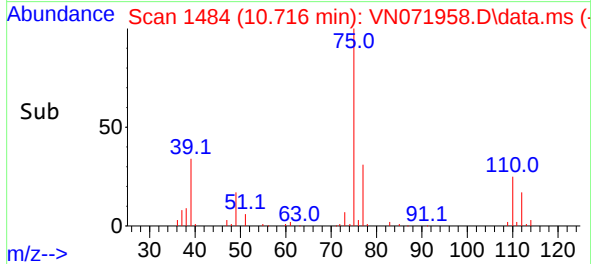
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



Tgt Ion: 75 Resp: 165790
Ion Ratio Lower Upper
75 100
77 30.7 25.6 38.4

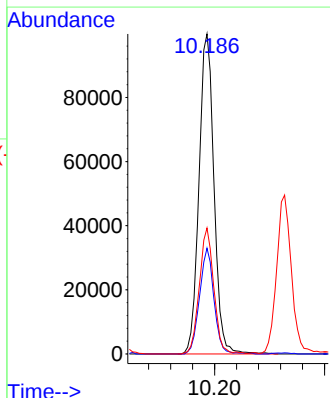
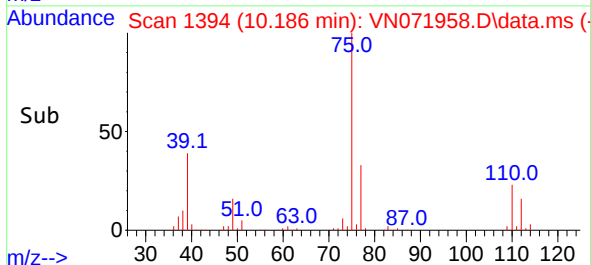
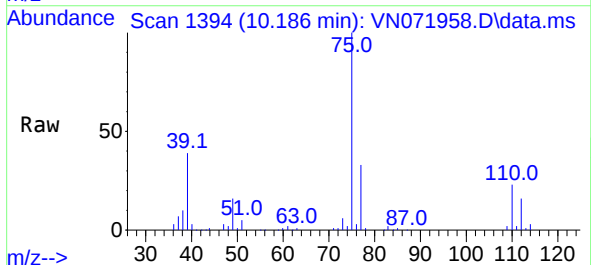
Manual Integrations
APPROVED

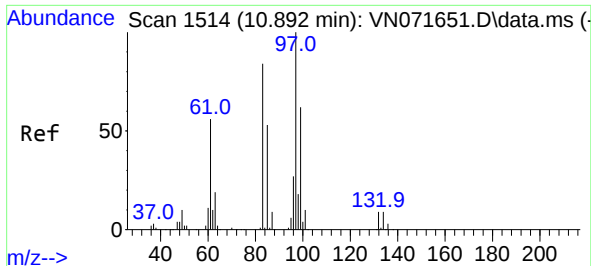
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022



#54
cis-1,3-Dichloropropene
Concen: 21.865 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

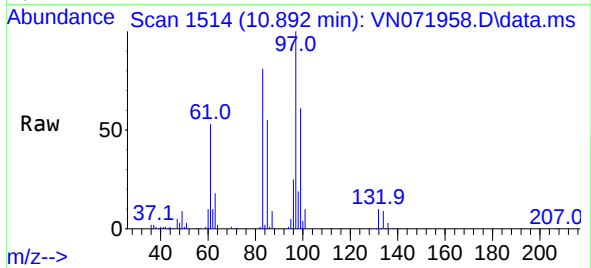
Tgt Ion: 75 Resp: 189054
Ion Ratio Lower Upper
75 100
77 33.0 25.2 37.8
39 39.4 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 21.260 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01

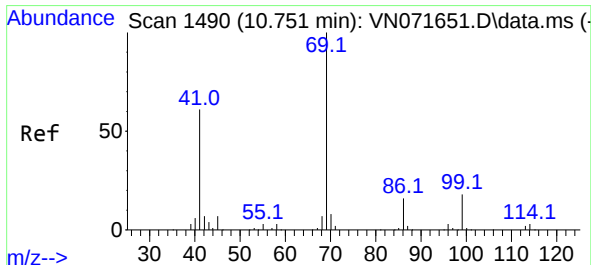
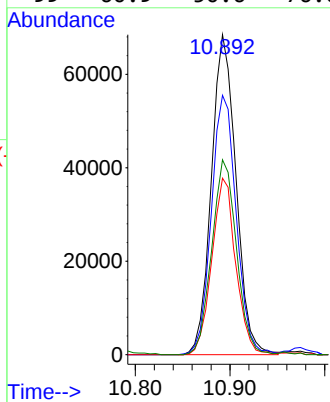
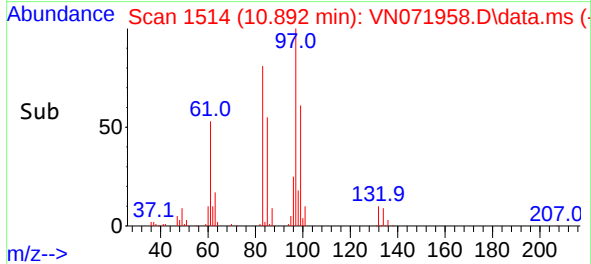


Tgt Ion: 97 Resp: 12369

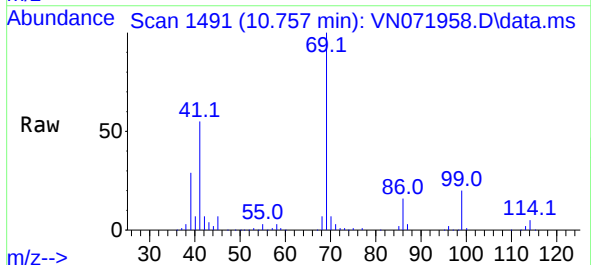
Ion	Ratio	Lower	Upper
97	100		
83	81.1	66.2	99.4
85	55.1	43.9	65.9
99	60.9	50.6	76.0

Manual Integrations
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Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

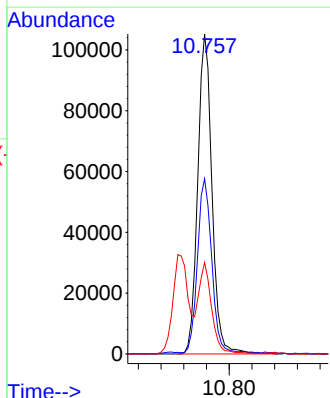
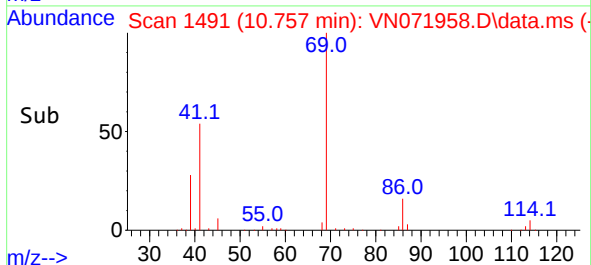


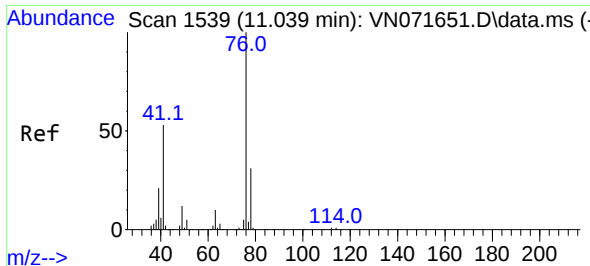
#56
Ethyl methacrylate
Concen: 22.070 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01



Tgt Ion: 69 Resp: 183171

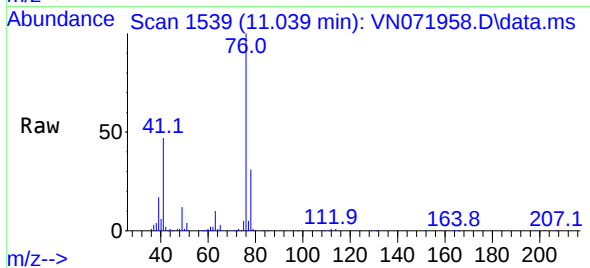
Ion	Ratio	Lower	Upper
69	100		
41	53.9	47.8	71.6
39	25.6	27.3	40.9





#57
1,3-Dichloropropane
Concen: 21.393 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

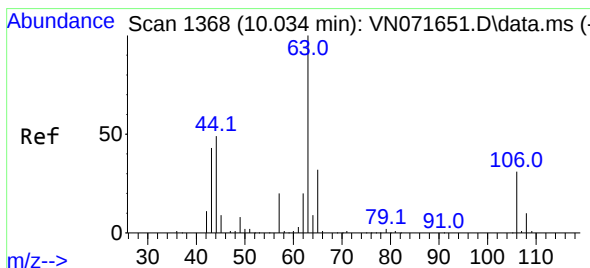
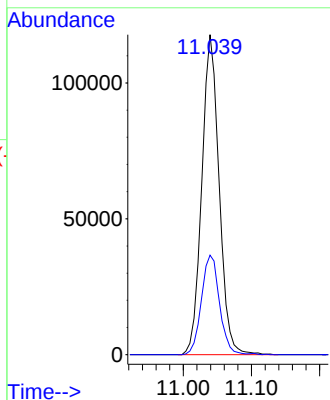
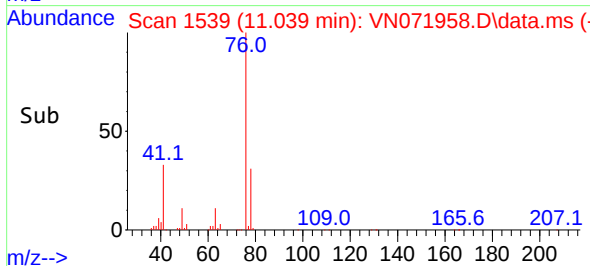
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



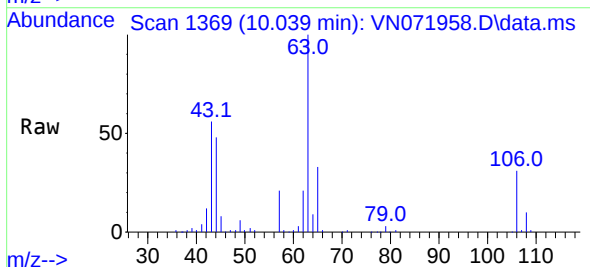
Tgt Ion: 76 Resp: 20810
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.2

Manual Integrations
APPROVED

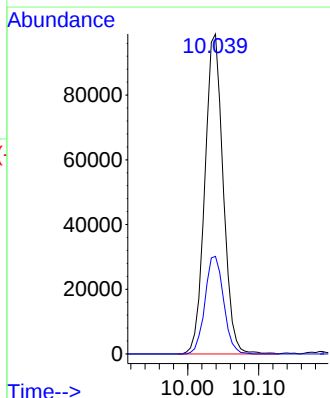
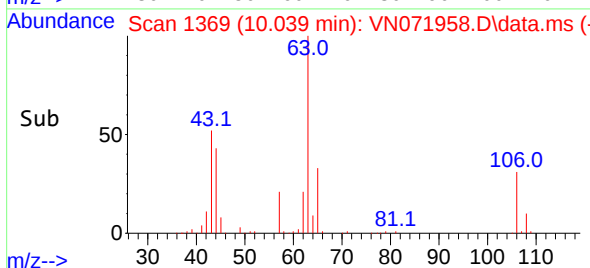
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

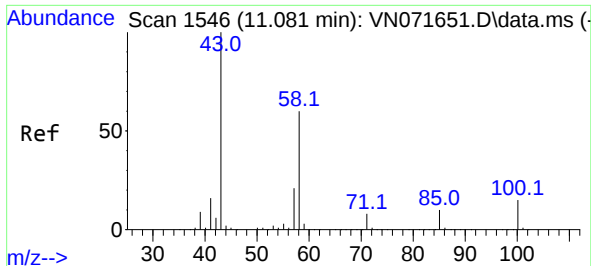


#58
2-Chloroethyl Vinyl ether
Concen: 81.632 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.005 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01



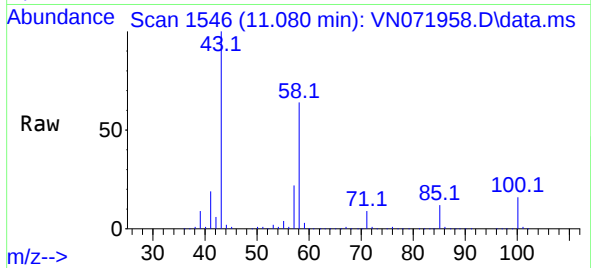
Tgt Ion: 63 Resp: 177261
Ion Ratio Lower Upper
63 100
106 31.0 24.6 36.8





#59
2-Hexanone
Concen: 105.281 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

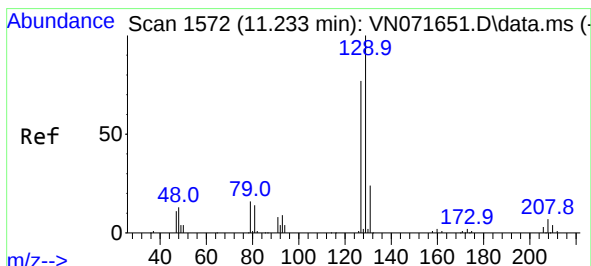
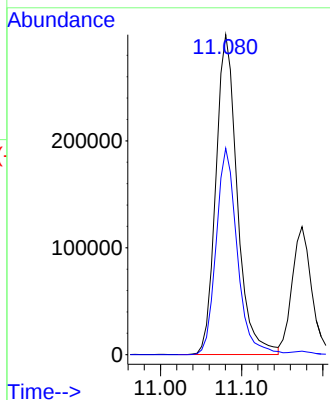
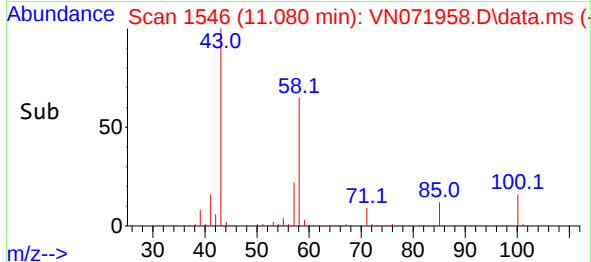
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



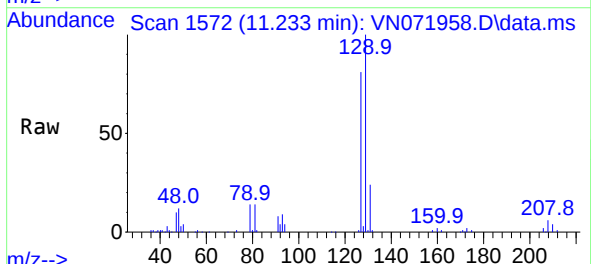
Tgt Ion: 43 Resp: 549244
Ion Ratio Lower Upper
43 100
58 63.6 29.7 89.1

Manual Integrations
APPROVED

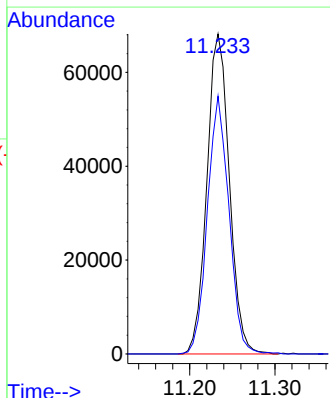
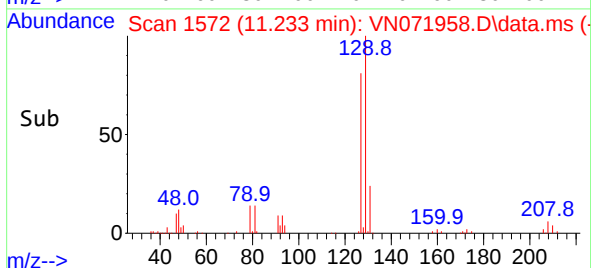
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

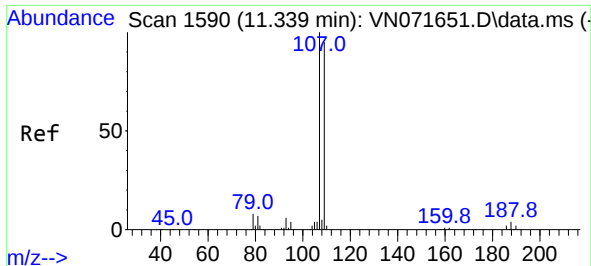


#60
Dibromochloromethane
Concen: 22.034 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01



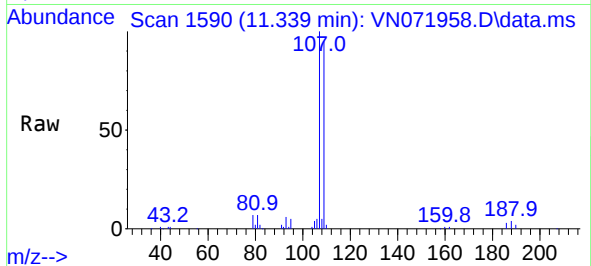
Tgt Ion:129 Resp: 124993
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 21.673 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

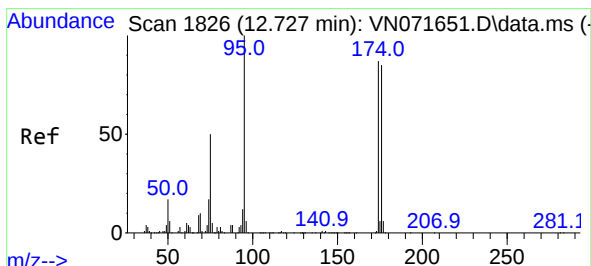
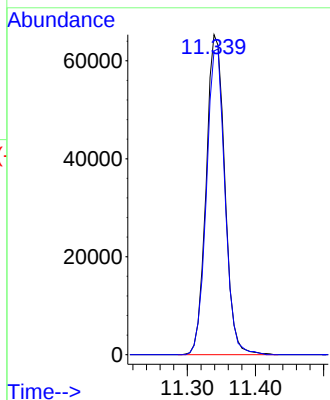
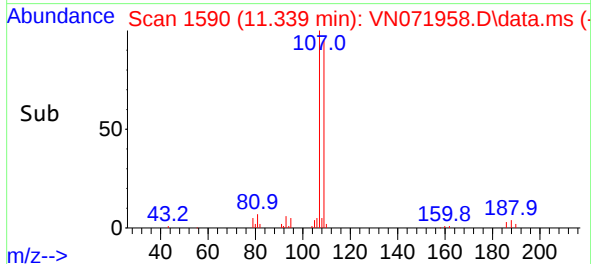
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



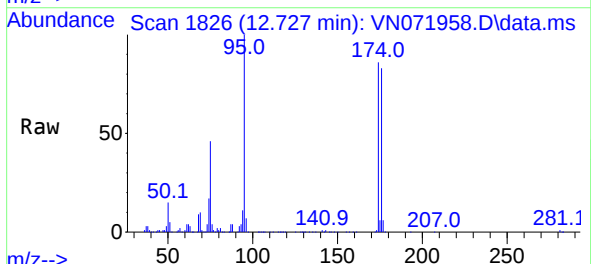
Tgt Ion:107 Resp: 12412
Ion Ratio Lower Upper
107 100
109 95.0 75.0 112.6

Manual Integrations
APPROVED

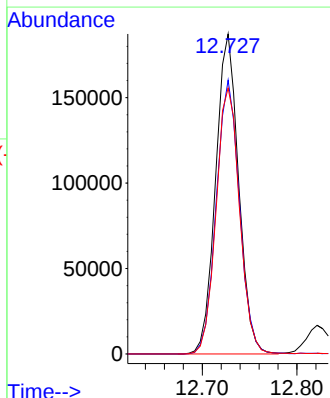
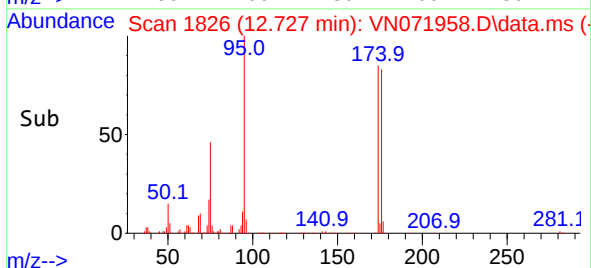
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

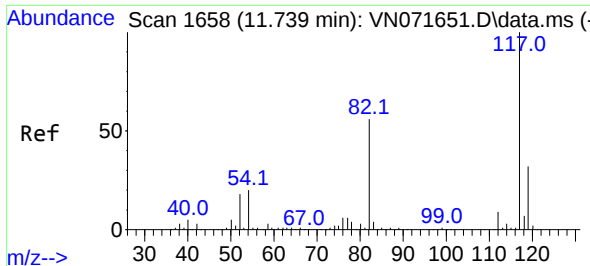


#62
4-Bromofluorobenzene
Concen: 47.055 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01



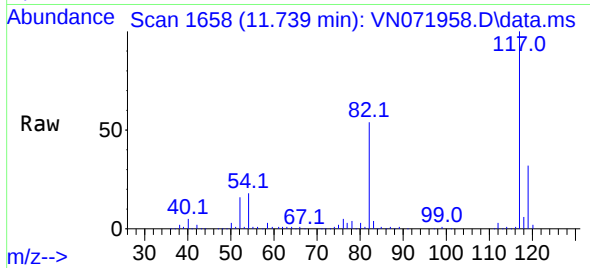
Tgt Ion: 95 Resp: 315591
Ion Ratio Lower Upper
95 100
174 86.4 0.0 167.6
176 85.1 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

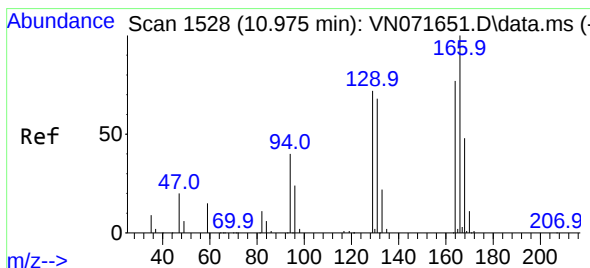
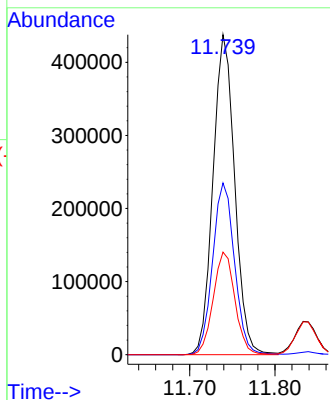
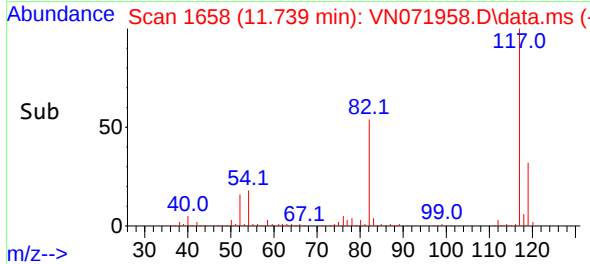
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



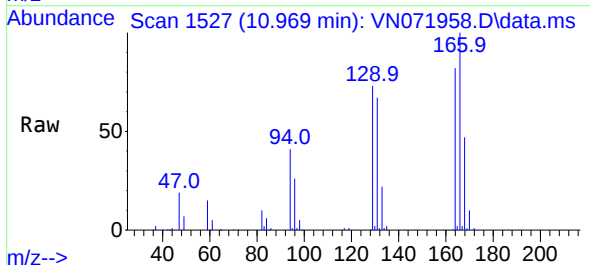
Tgt Ion:117 Resp: 773225
Ion Ratio Lower Upper
117 100
82 53.7 44.2 66.2
119 32.1 25.4 38.0

Manual Integrations
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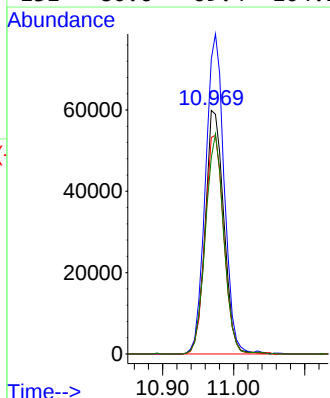
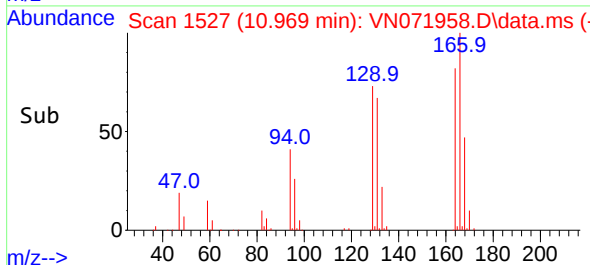
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

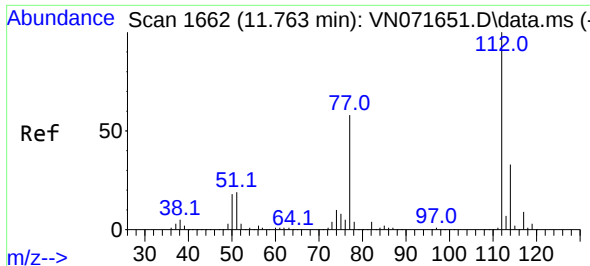


#64
Tetrachloroethene
Concen: 21.372 ug/l
RT: 10.969 min Scan# 1527
Delta R.T. -0.006 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01



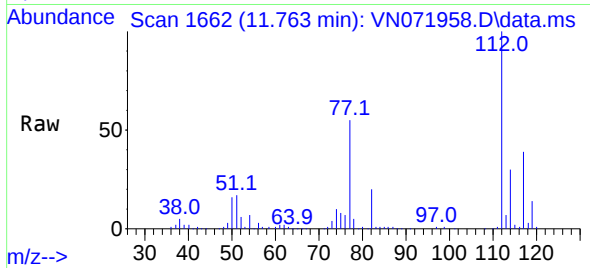
Tgt Ion:164 Resp: 109122
Ion Ratio Lower Upper
164 100
166 121.2 104.2 156.2
129 88.9 73.9 110.9
131 80.6 69.4 104.2





#65
Chlorobenzene
Concen: 21.162 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

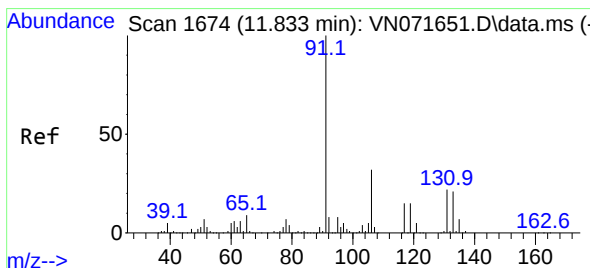
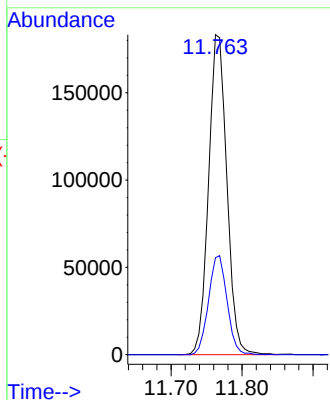
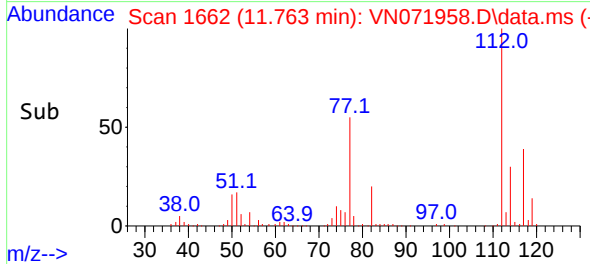
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



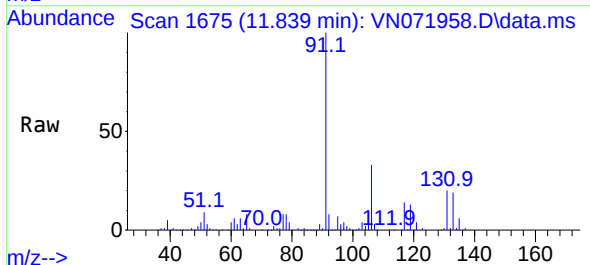
Tgt Ion:112 Resp: 32764
Ion Ratio Lower Upper
112 100
114 30.3 25.4 38.2

Manual Integrations
APPROVED

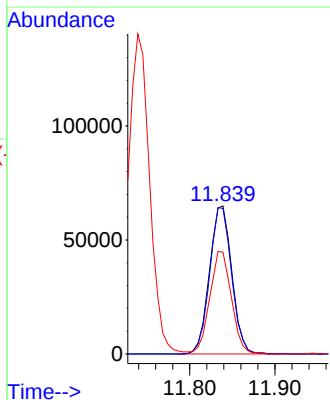
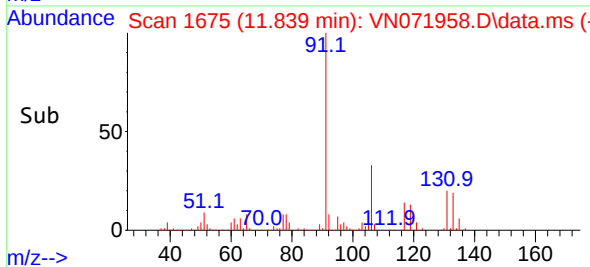
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

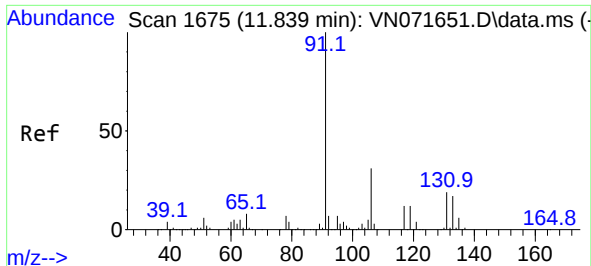


#66
1,1,1,2-Tetrachloroethane
Concen: 21.212 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01



Tgt Ion:131 Resp: 118510
Ion Ratio Lower Upper
131 100
133 96.9 47.8 143.4
119 67.0 33.4 100.2





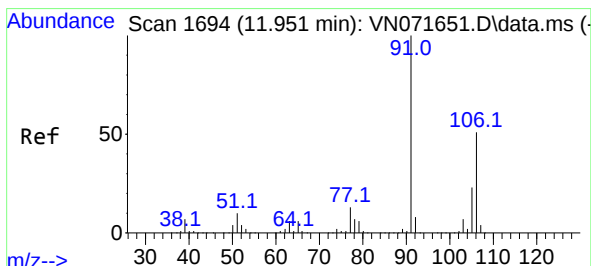
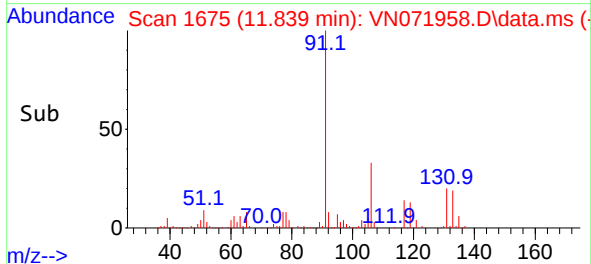
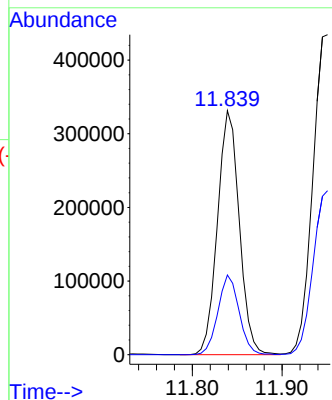
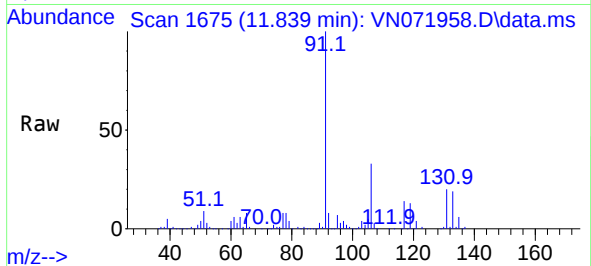
#67
Ethyl Benzene
Concen: 21.344 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01

Tgt Ion: 91 Resp: 559429
Ion Ratio Lower Upper
91 100
106 32.7 24.9 37.3

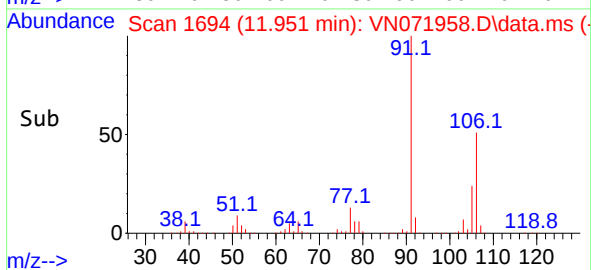
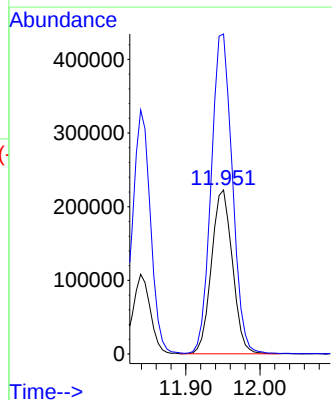
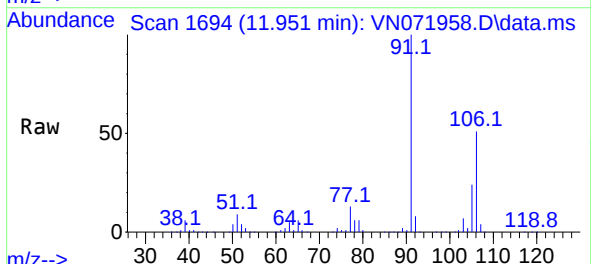
Manual Integrations
APPROVED

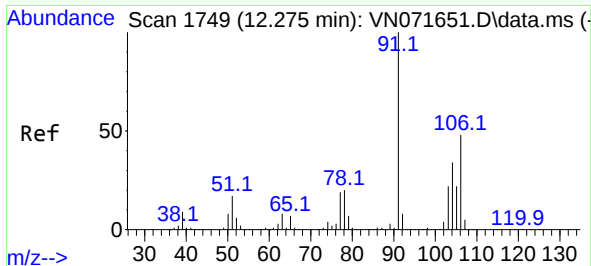
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022



#68
m/p-Xylenes
Concen: 43.390 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

Tgt Ion:106 Resp: 436962
Ion Ratio Lower Upper
106 100
91 197.2 158.9 238.3





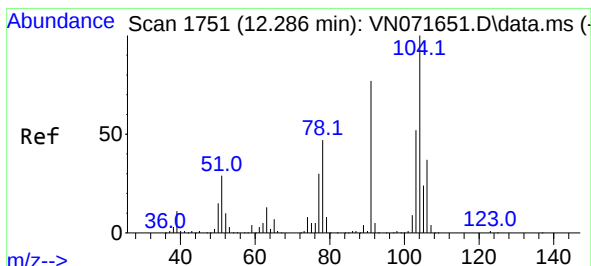
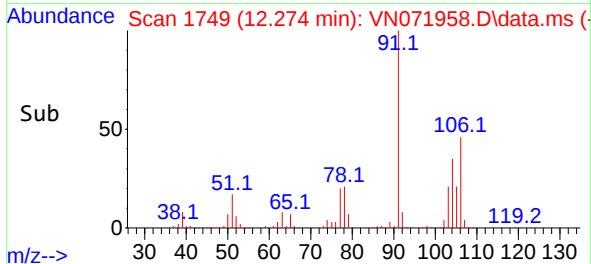
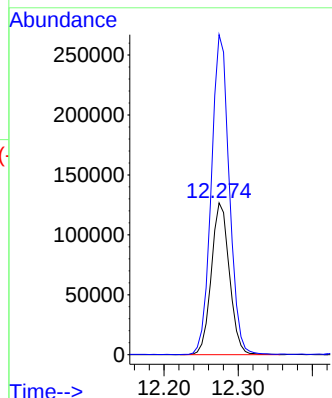
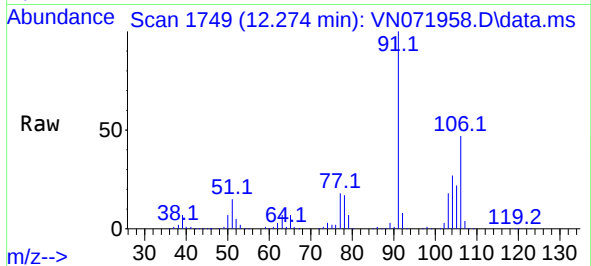
#69
o-Xylene
Concen: 21.452 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01

Tgt Ion:106 Resp: 214424
Ion Ratio Lower Upper
106 100
91 210.2 106.0 318.0

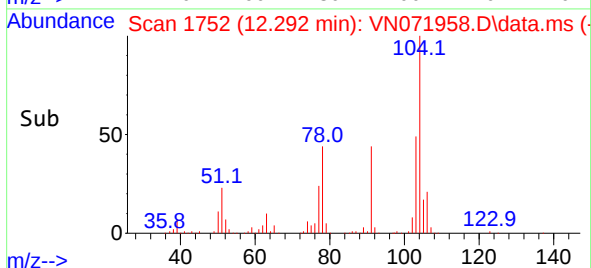
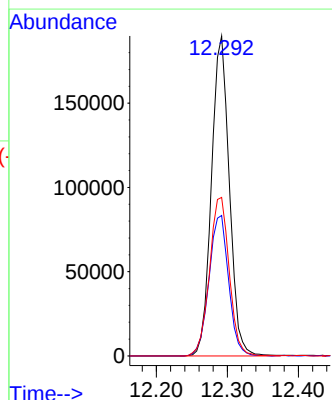
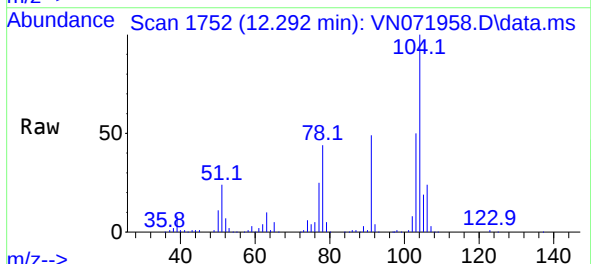
Manual Integrations
APPROVED

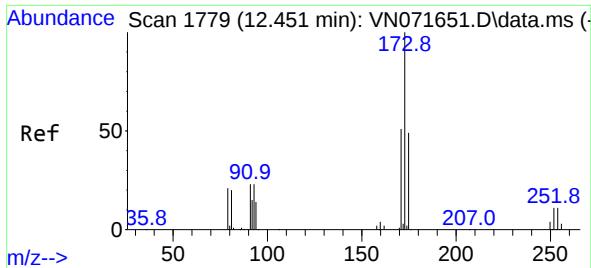
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022



#70
Styrene
Concen: 21.910 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

Tgt Ion:104 Resp: 331819
Ion Ratio Lower Upper
104 100
78 48.3 39.5 59.3
103 54.8 44.0 66.0





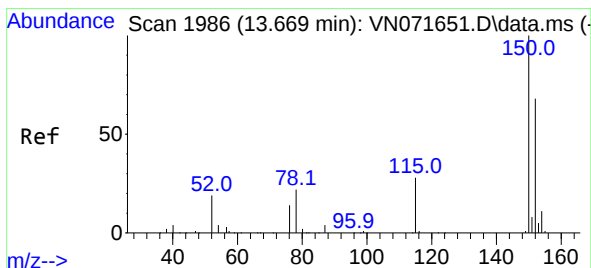
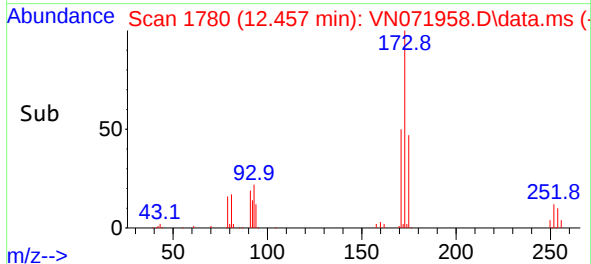
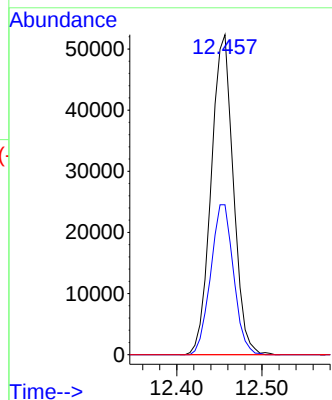
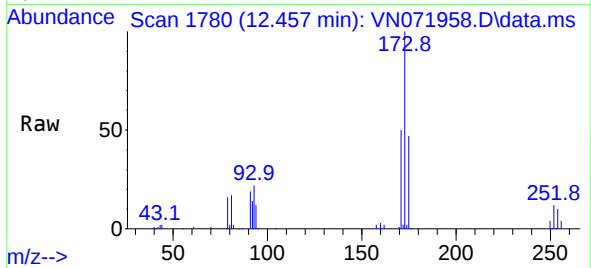
#71
Bromoform
Concen: 22.173 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01

Tgt Ion:173 Resp: 9433
Ion Ratio Lower Upper
173 100
175 48.5 24.6 73.6
254 0.0 0.1 0.1

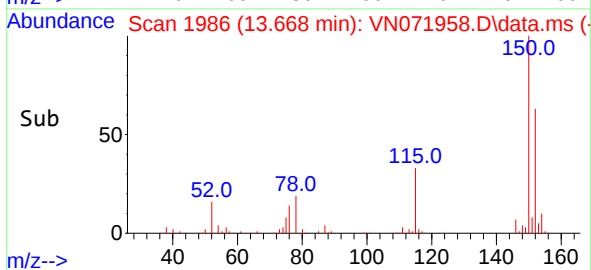
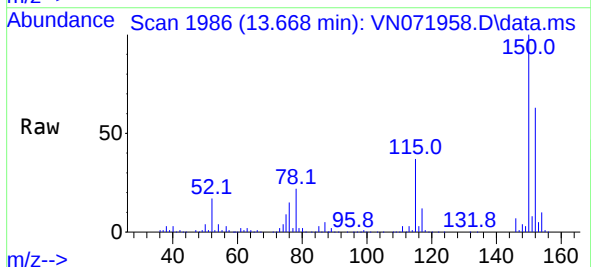
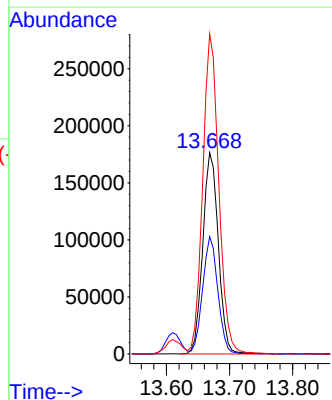
Manual Integrations
APPROVED

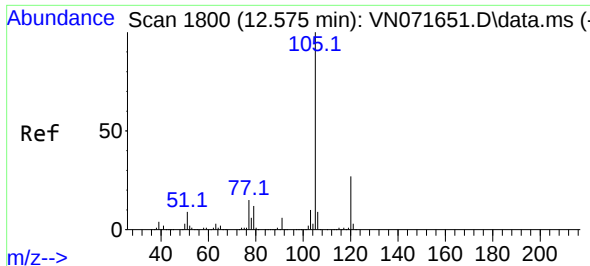
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

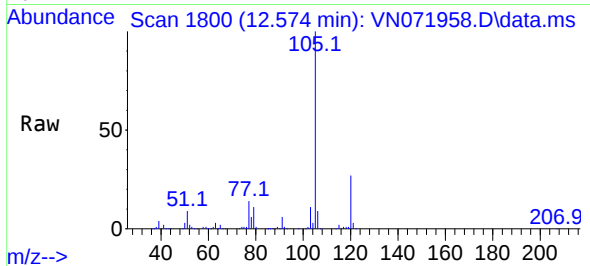
Tgt Ion:152 Resp: 302891
Ion Ratio Lower Upper
152 100
115 57.3 28.9 86.7
150 163.9 0.0 356.2





#73
Isopropylbenzene
Concen: 21.363 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

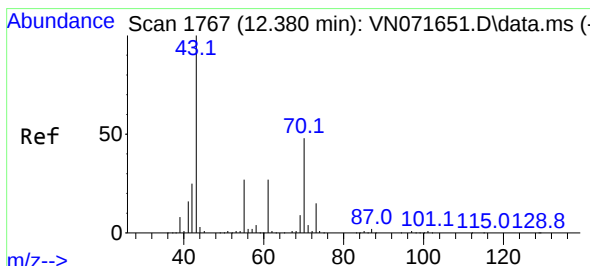
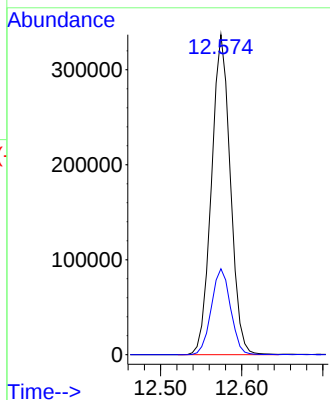
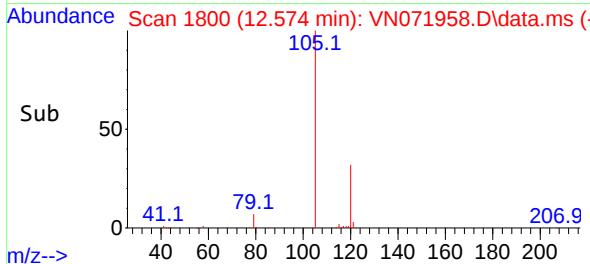
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



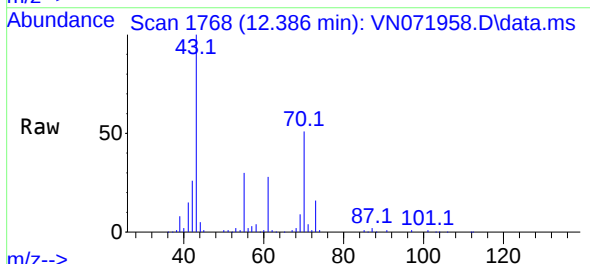
Tgt Ion: 105 Resp: 54525
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.4

Manual Integrations
APPROVED

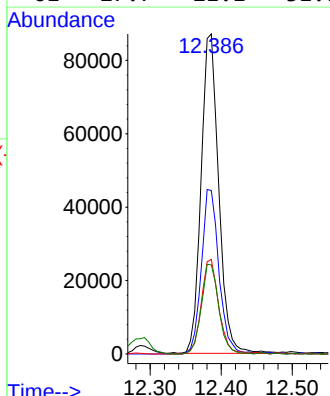
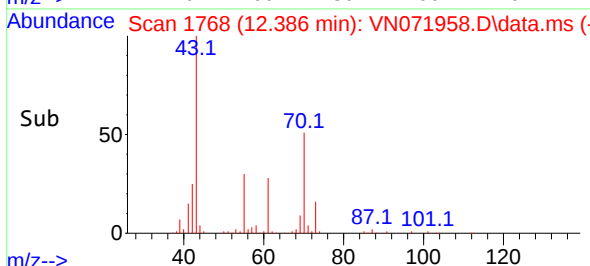
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

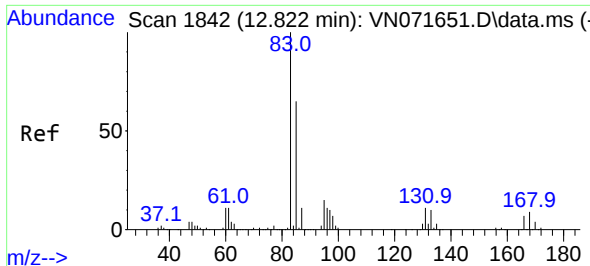


#74
N-ethyl acetate
Concen: 20.575 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01



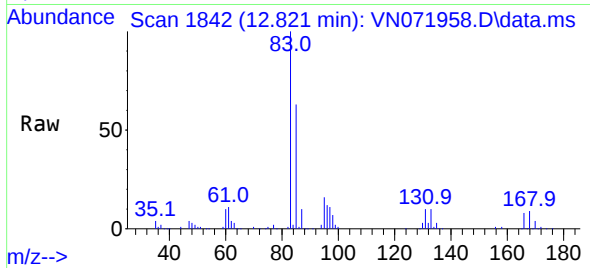
Tgt Ion: 43 Resp: 150463
Ion Ratio Lower Upper
43 100
70 51.8 39.0 58.4
55 29.2 21.1 31.7
61 27.7 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.911 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

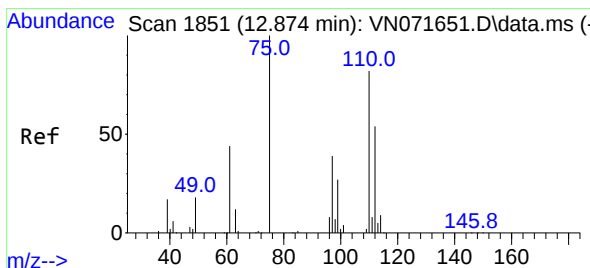
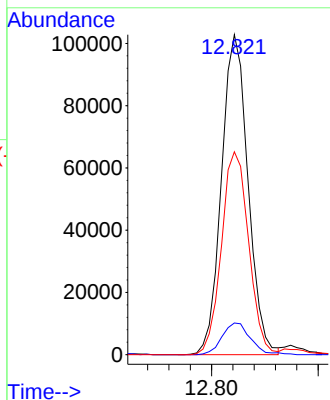
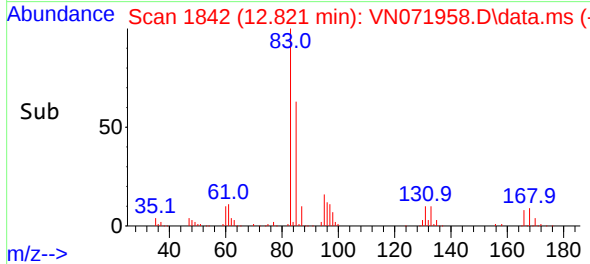
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



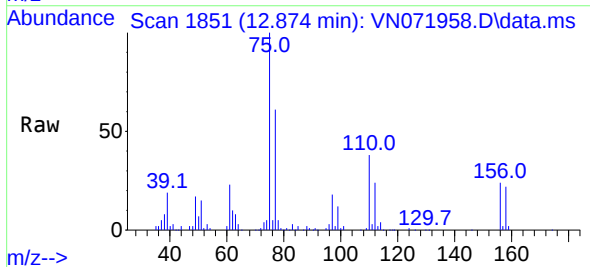
Tgt Ion: 83 Resp: 178079
Ion Ratio Lower Upper
83 100
131 10.6 5.3 15.9
85 64.8 32.3 96.9

Manual Integrations
APPROVED

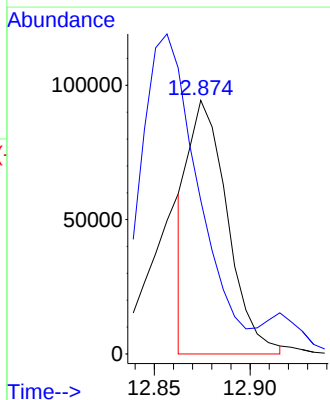
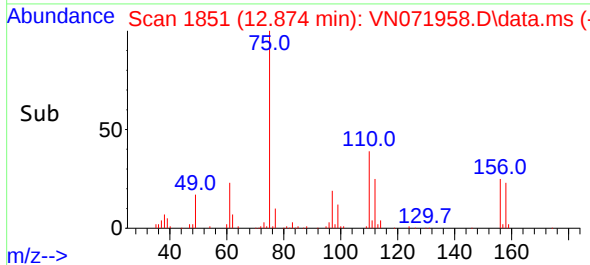
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

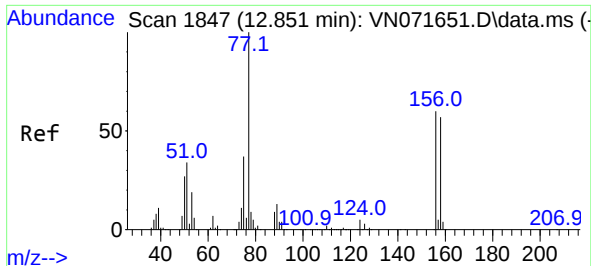


#76
1,2,3-Trichloropropane
Concen: 19.214 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01



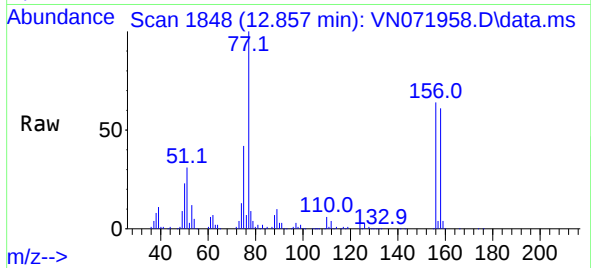
Tgt Ion: 75 Resp: 134818
Ion Ratio Lower Upper
75 100
77 186.5 98.5 295.5





#77
Bromobenzene
Concen: 20.601 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

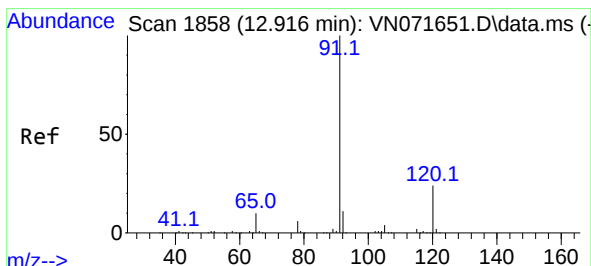
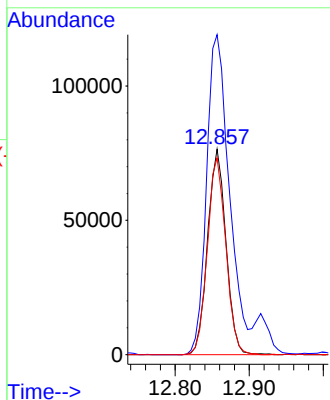
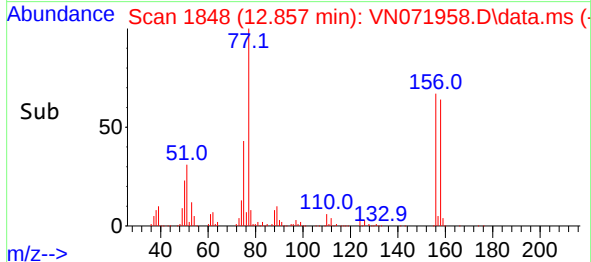
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



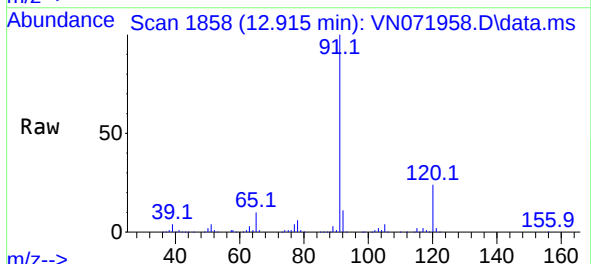
Tgt Ion:156 Resp: 13181
Ion Ratio Lower Upper
156 100
77 190.7 100.5 301.5
158 96.3 48.9 146.6

Manual Integrations
APPROVED

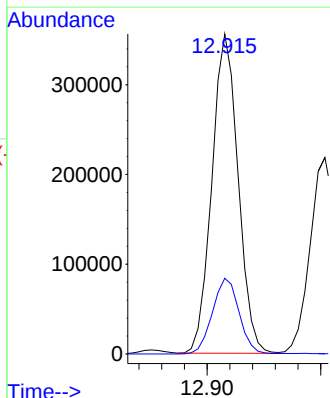
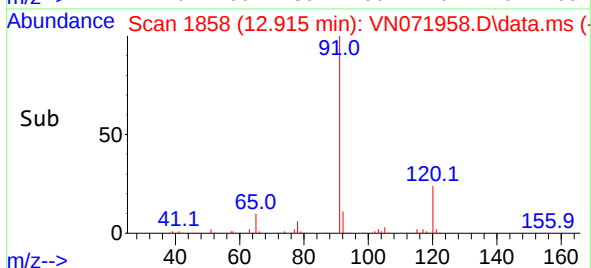
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

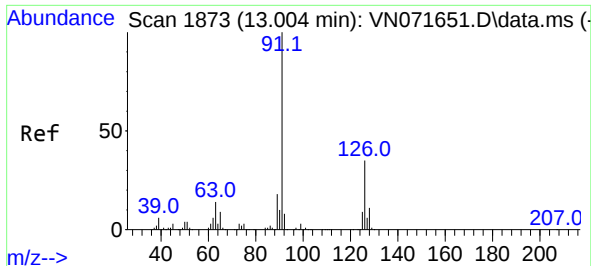


#78
n-propylbenzene
Concen: 21.246 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01



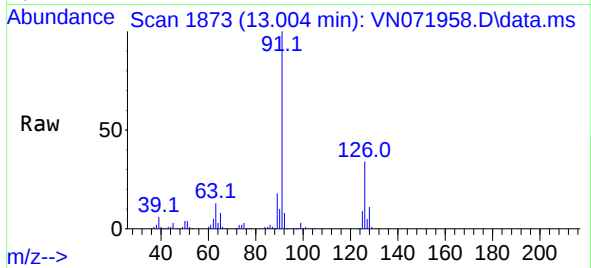
Tgt Ion: 91 Resp: 570415
Ion Ratio Lower Upper
91 100
120 24.0 11.9 35.5





#79
2-Chlorotoluene
Concen: 21.247 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

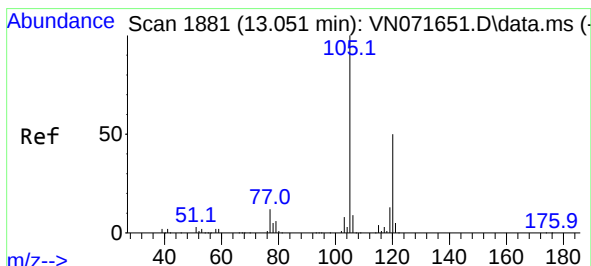
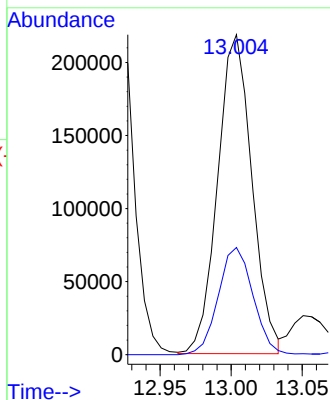
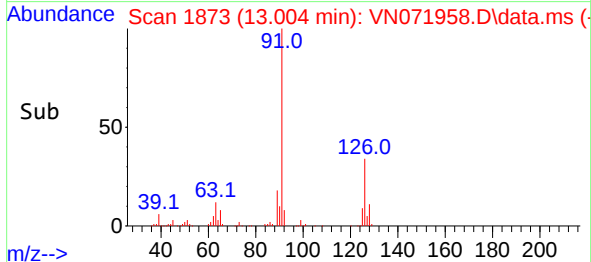
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



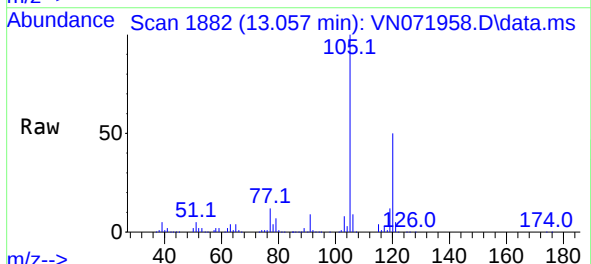
Tgt Ion: 91 Resp: 36583
Ion Ratio Lower Upper
91 100
126 34.2 17.3 51.9

Manual Integrations
APPROVED

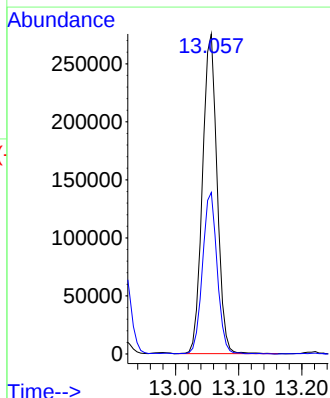
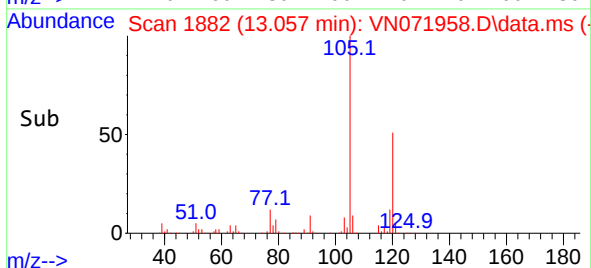
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

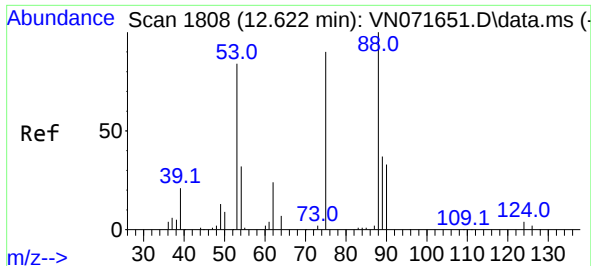


#80
1,3,5-Trimethylbenzene
Concen: 21.899 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01



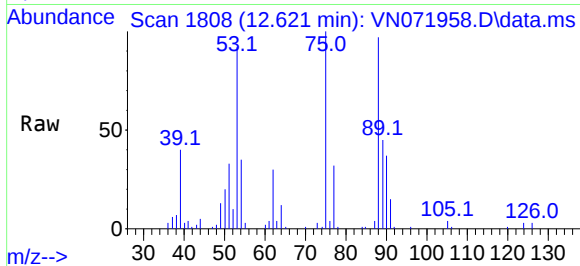
Tgt Ion:105 Resp: 442866
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 20.903 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

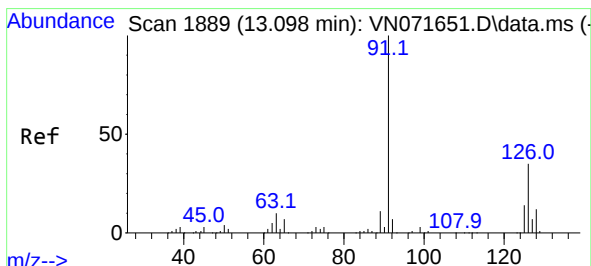
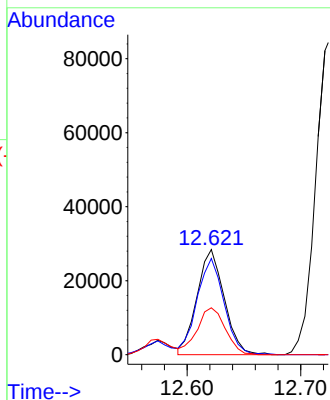
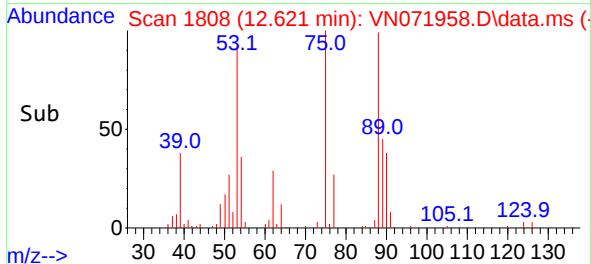
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



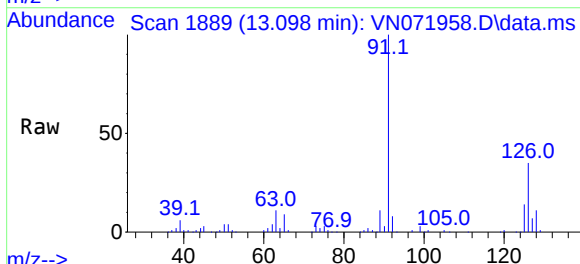
Tgt Ion: 75 Resp: 47328
Ion Ratio Lower Upper
75 100
53 91.0 78.0 117.0
89 46.5 37.2 55.8

Manual Integrations
APPROVED

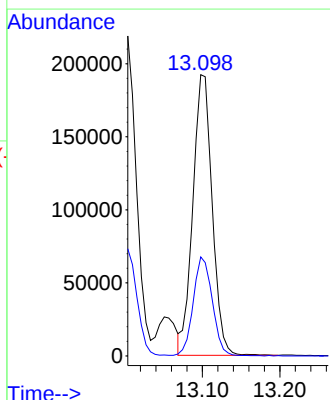
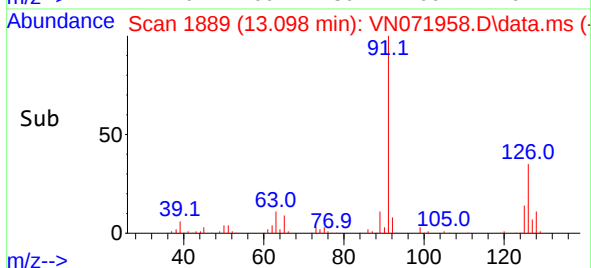
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

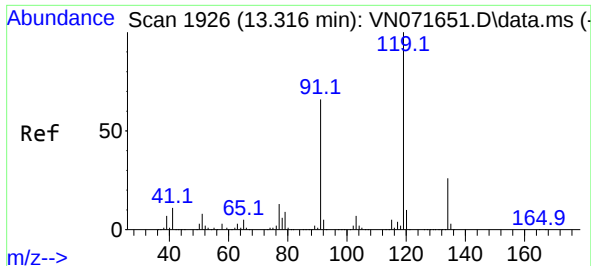


#82
4-Chlorotoluene
Concen: 20.823 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01



Tgt Ion: 91 Resp: 332340
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6





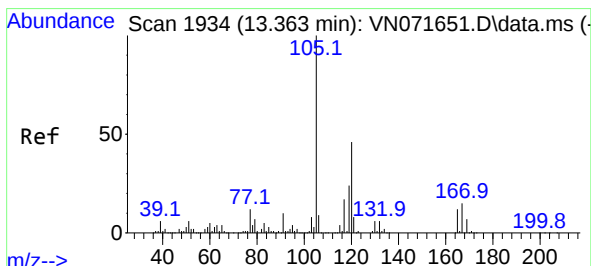
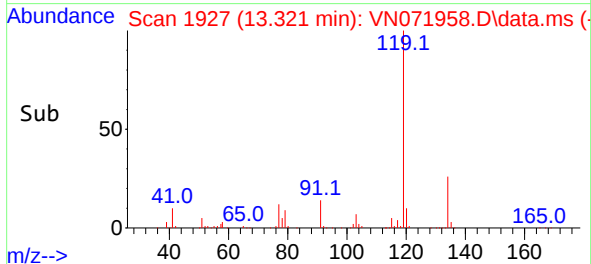
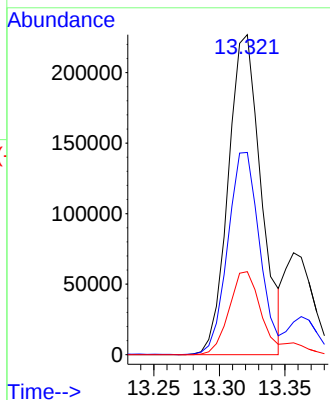
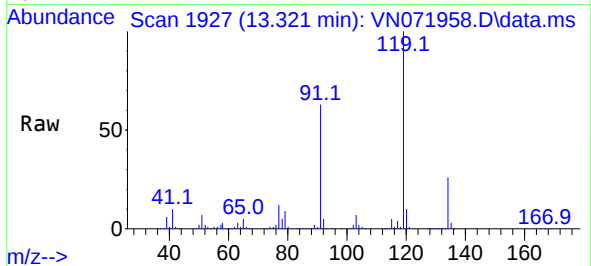
#83
tert-Butylbenzene
Concen: 21.392 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.005 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01

Tgt Ion:119 Resp: 395449
Ion Ratio Lower Upper
119 100
91 61.2 31.6 94.8
134 27.5 13.7 41.1

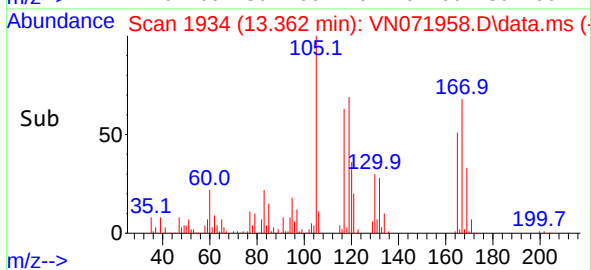
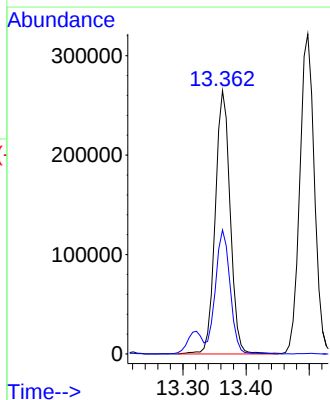
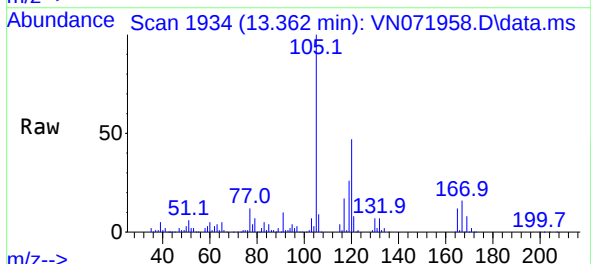
Manual Integrations
APPROVED

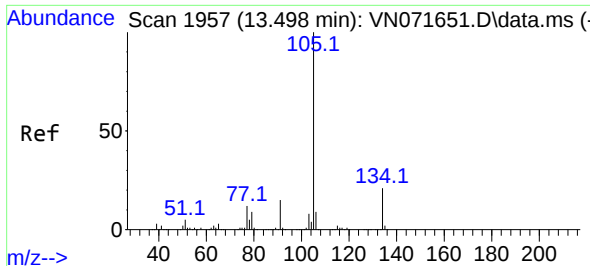
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022



#84
1,2,4-Trimethylbenzene
Concen: 22.020 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

Tgt Ion:105 Resp: 434490
Ion Ratio Lower Upper
105 100
120 46.6 23.3 69.8





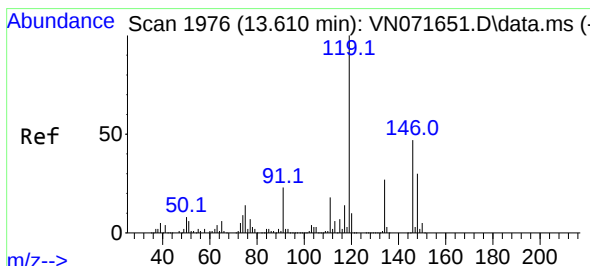
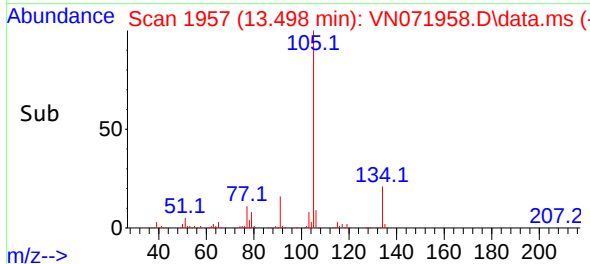
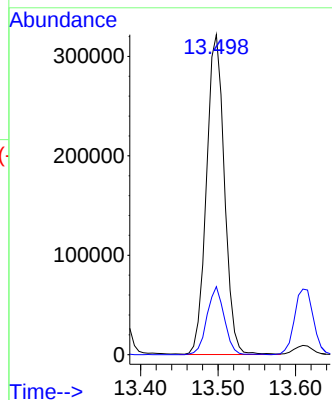
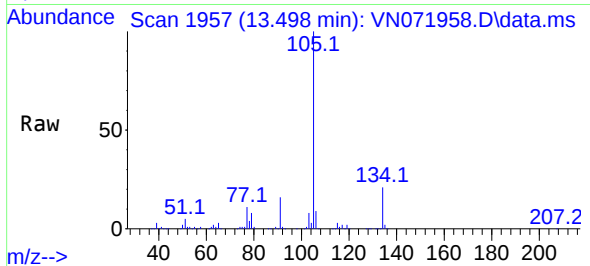
#85
 sec-Butylbenzene
 Concen: 21.543 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071958.D
 Acq: 12 Apr 2022 17:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0412WBSD01

Tgt Ion:105 Resp: 516238
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1

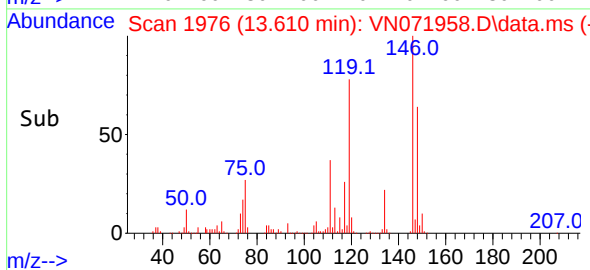
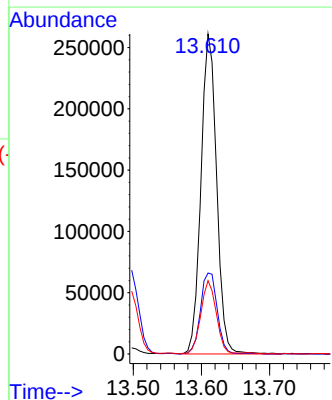
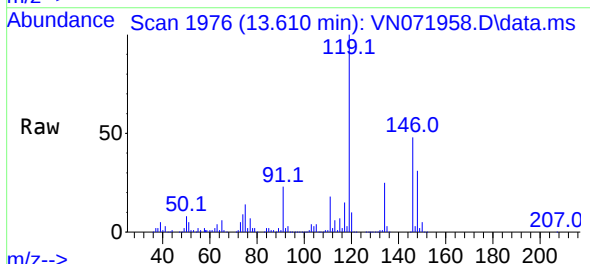
Manual Integrations
 APPROVED

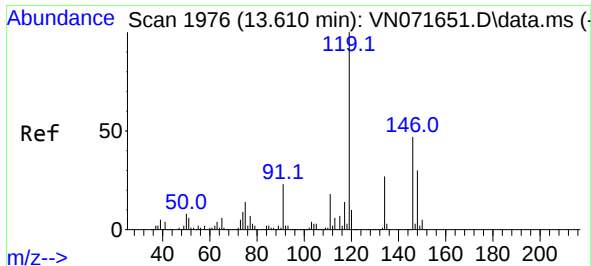
Reviewed By :John Carlone 04/13/2022
 Supervised By :Mahesh Dadoda 04/13/2022



#86
 p-Isopropyltoluene
 Concen: 21.801 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071958.D
 Acq: 12 Apr 2022 17:01

Tgt Ion:119 Resp: 416555
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 22.2 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 20.633 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN071958.D

Acq: 12 Apr 2022 17:01

Instrument :

MSVOA_N

ClientSampleId :

VN0412WBSD01

Tgt Ion:146 Resp: 21032

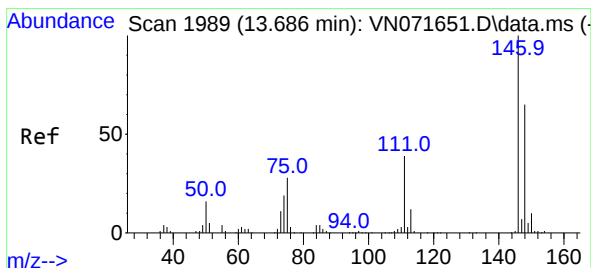
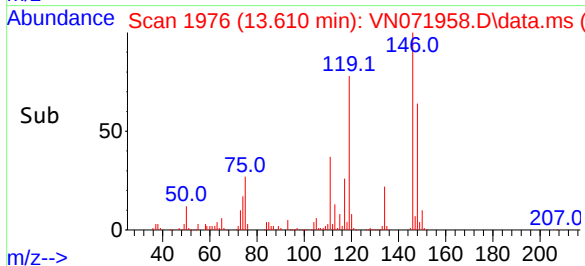
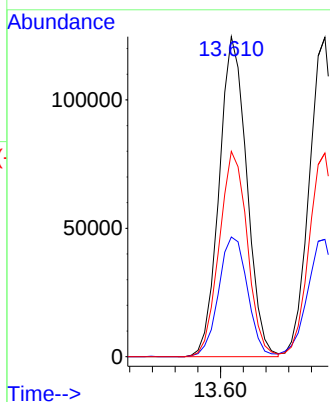
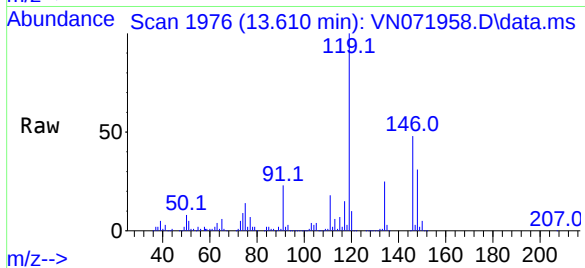
Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.0	60.0
148	65.2	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/13/2022

Supervised By :Mahesh Dadoda 04/13/2022



#88

1,4-Dichlorobenzene

Concen: 20.469 ug/l

RT: 13.692 min Scan# 1990

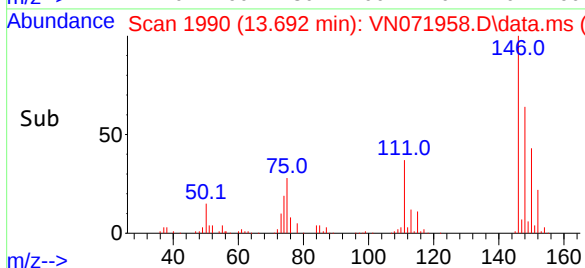
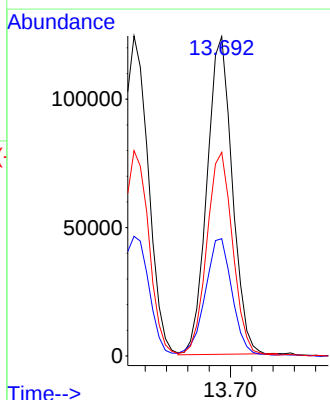
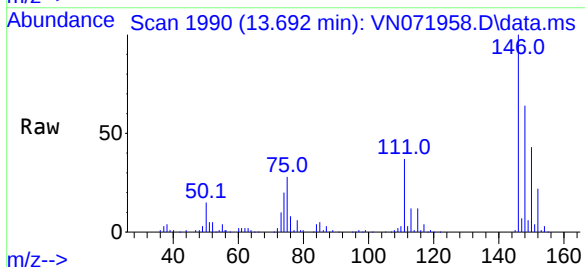
Delta R.T. 0.006 min

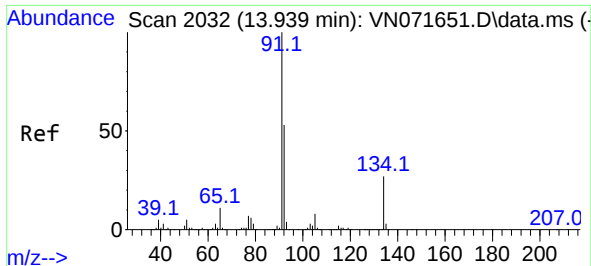
Lab File: VN071958.D

Acq: 12 Apr 2022 17:01

Tgt Ion:146 Resp: 203557

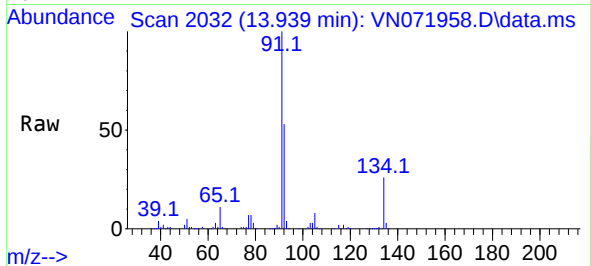
Ion	Ratio	Lower	Upper
146	100		
111	38.9	19.1	57.1
148	65.6	31.4	94.3





#89
n-Butylbenzene
Concen: 20.706 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

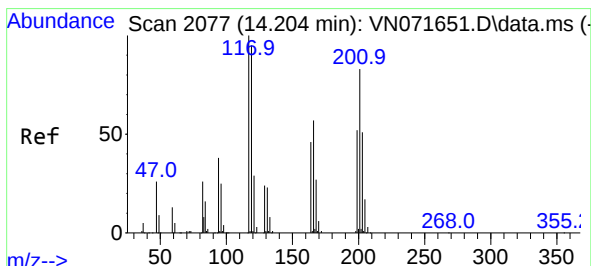
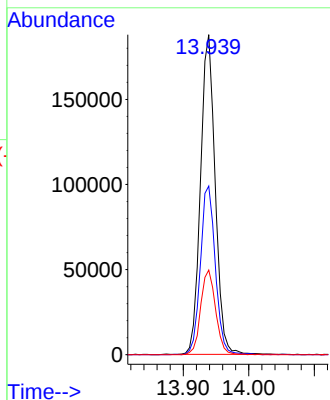
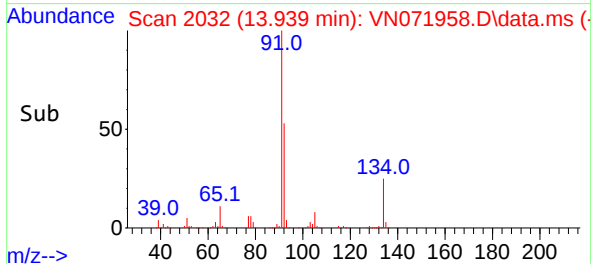
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



Tgt Ion: 91 Resp: 293436
Ion Ratio Lower Upper
91 100
92 53.7 26.9 80.7
134 26.9 13.6 40.8

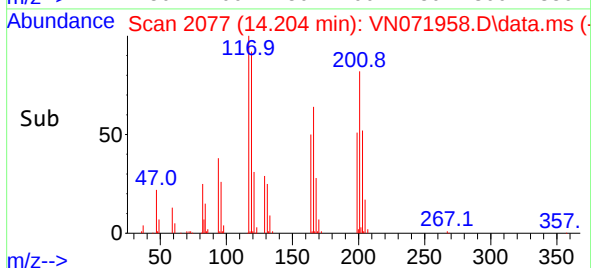
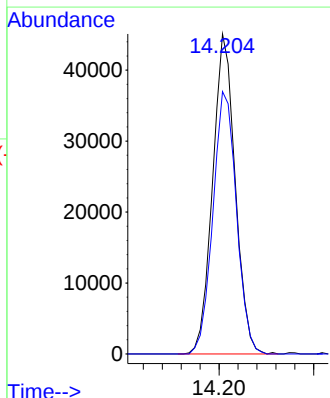
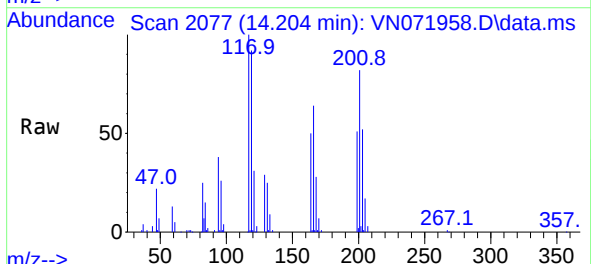
Manual Integrations
APPROVED

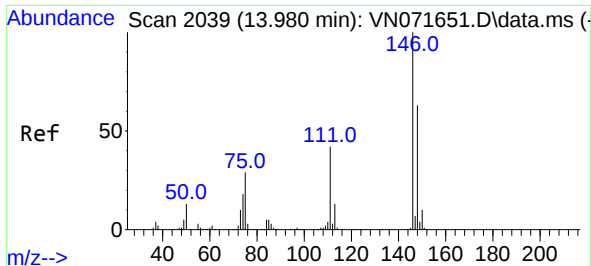
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022



#90
Hexachloroethane
Concen: 21.296 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

Tgt Ion:117 Resp: 74486
Ion Ratio Lower Upper
117 100
201 85.6 40.6 122.0





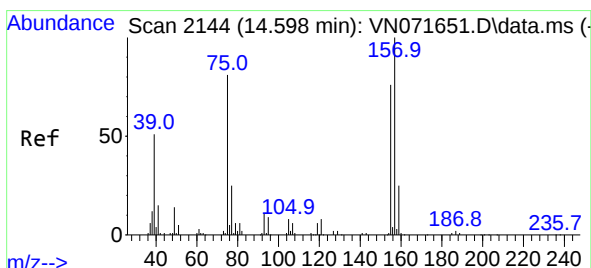
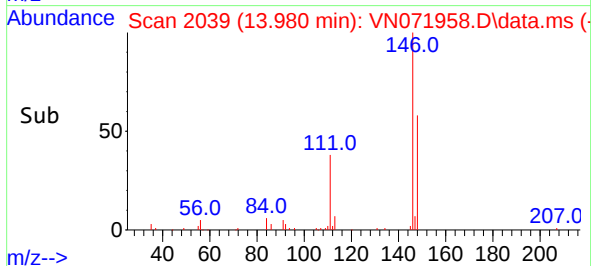
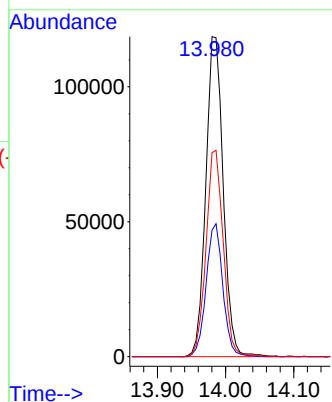
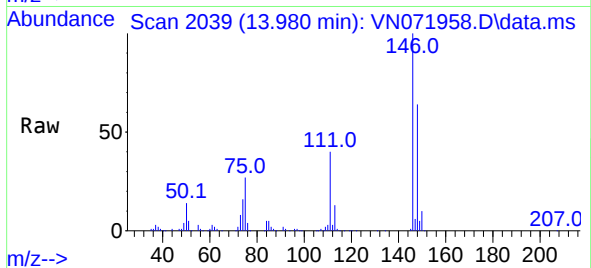
#91
1,2-Dichlorobenzene
Concen: 21.041 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01

Tgt Ion:146 Resp: 21056
Ion Ratio Lower Upper
146 100
111 40.1 20.9 62.8
148 63.9 32.1 96.3

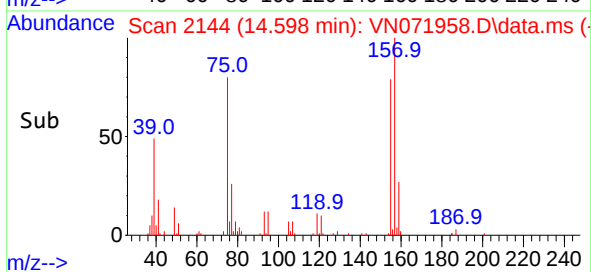
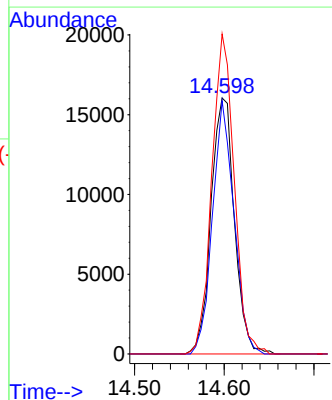
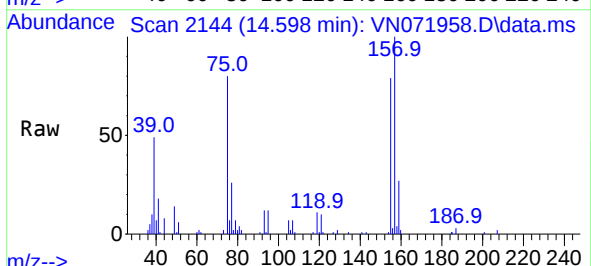
Manual Integrations
APPROVED

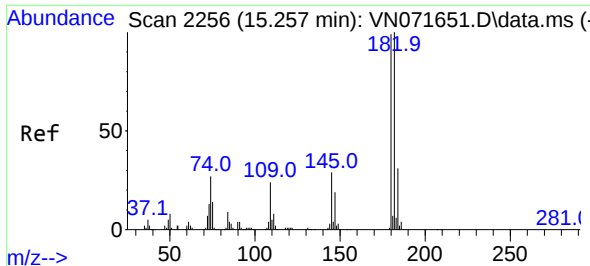
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 21.958 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

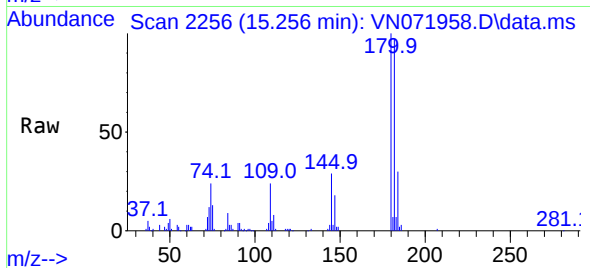
Tgt Ion: 75 Resp: 29005
Ion Ratio Lower Upper
75 100
155 91.2 44.9 134.5
157 119.5 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 20.784 ug/l
RT: 15.256 min Scan# 2256
Delta R.T. -0.001 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

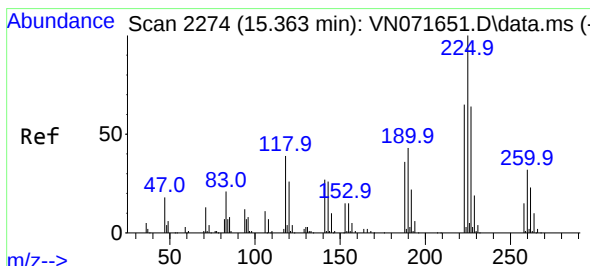
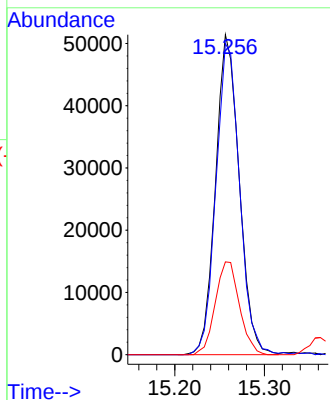
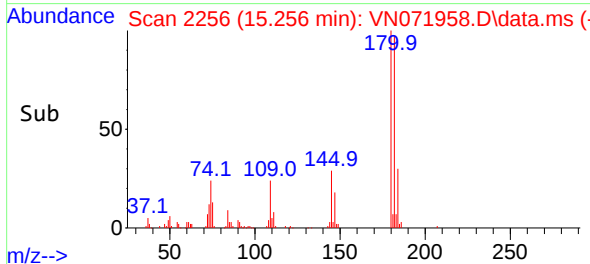
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



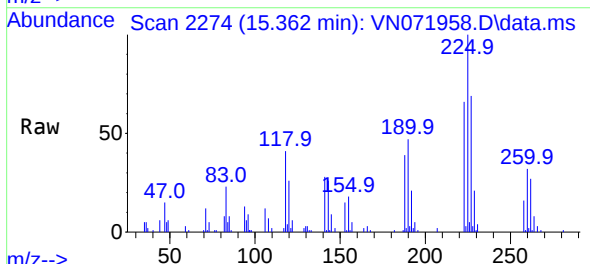
Tgt Ion:180 Resp: 94060
Ion Ratio Lower Upper
180 100
182 97.6 47.5 142.5
145 29.6 14.5 43.5

Manual Integrations
APPROVED

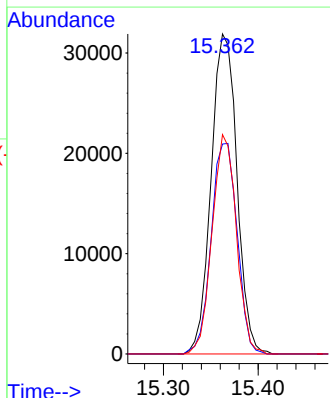
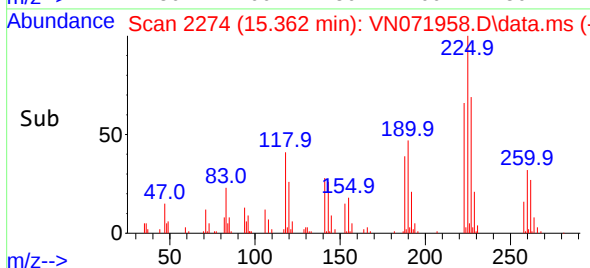
Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

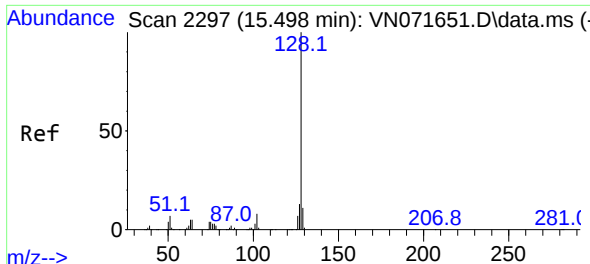


#94
Hexachlorobutadiene
Concen: 20.476 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.001 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01



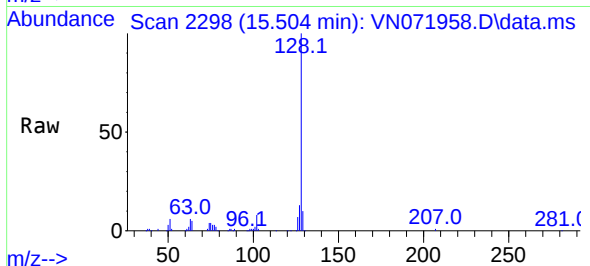
Tgt Ion:225 Resp: 60434
Ion Ratio Lower Upper
225 100
223 66.2 32.4 97.2
227 64.7 31.8 95.4





#95
Naphthalene
Concen: 20.689 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

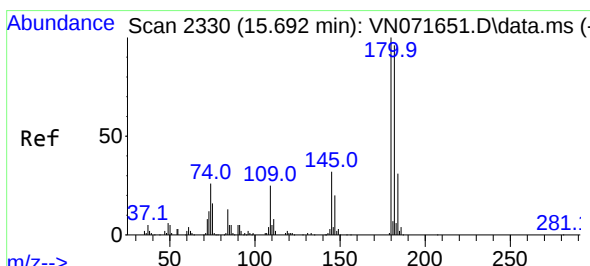
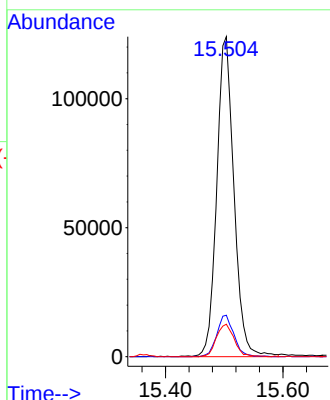
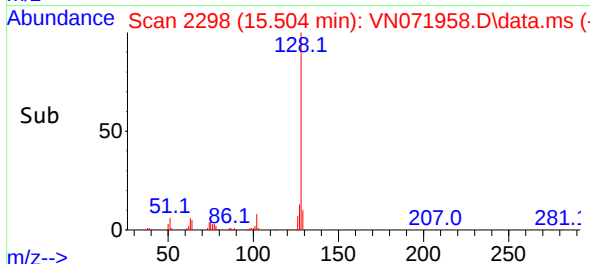
Instrument :
MSVOA_N
ClientSampleId :
VN0412WBSD01



Tgt Ion:128 Resp: 25207
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.5 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 21.914 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN071958.D
Acq: 12 Apr 2022 17:01

Tgt Ion:180 Resp: 95675
Ion Ratio Lower Upper
180 100
182 94.9 47.8 143.3
145 30.9 15.5 46.5

