

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031422\
 Data File : VN071261.D
 Acq On : 14 Mar 2022 13:14
 Operator : JC\MD
 Sample : VN0314WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/15/2022
 Supervised By : Mahesh Dadoda 03/15/2022

Quant Time: Mar 15 02:50:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	602551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	984275	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	884376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	357289	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	389682	47.187	ug/l	-0.01
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.380%
35) Dibromofluoromethane	8.016	113	290397	46.754	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	93.500%
50) Toluene-d8	10.433	98	1113957	44.544	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	89.080%
62) 4-Bromofluorobenzene	12.727	95	374883	44.269	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.540%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.069	85	101031	15.299	ug/l	98
3) Chloromethane	2.299	50	147421	16.605	ug/l	100
4) Vinyl Chloride	2.440	62	131812	16.287	ug/l	98
5) Bromomethane	2.851	94	82866	19.256	ug/l	99
6) Chloroethane	3.010	64	82544	16.842	ug/l	97
7) Trichlorofluoromethane	3.375	101	176076	16.530	ug/l	95
8) Diethyl Ether	3.822	74	84979	18.643	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.210	101	105094	17.043	ug/l	95
10) Methyl Iodide	4.416	142	135439	15.551	ug/l	99
11) Tert butyl alcohol	5.357	59	136147	83.923	ug/l	100
12) 1,1-Dichloroethene	4.187	96	98447	16.297	ug/l	98
13) Acrolein	4.040	56	82629	48.121	ug/l	98
14) Allyl chloride	4.840	41	221149	16.832	ug/l	87
15) Acrylonitrile	5.545	53	421269	87.453	ug/l	99
16) Acetone	4.281	43	349267	86.922	ug/l	100
17) Carbon Disulfide	4.528	76	250052	14.540	ug/l	97
18) Methyl Acetate	4.851	43	214933	20.200	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	431717	19.035	ug/l	96
20) Methylene Chloride	5.093	84	131872	18.201	ug/l	86
21) trans-1,2-Dichloroethene	5.592	96	110843	16.775	ug/l	91
22) Diisopropyl ether	6.492	45	474298	18.324	ug/l	91
23) Vinyl Acetate	6.428	43	2051157	93.604	ug/l	97
24) 1,1-Dichloroethane	6.387	63	237380	17.355	ug/l	96
25) 2-Butanone	7.328	43	562418	86.889	ug/l	95
26) 2,2-Dichloropropane	7.316	77	187327	17.753	ug/l	96
27) cis-1,2-Dichloroethene	7.316	96	138104	17.611	ug/l	92
28) Bromochloromethane	7.657	49	105878	17.383	ug/l	86
29) Tetrahydrofuran	7.681	42	398065	88.770	ug/l	92
30) Chloroform	7.810	83	234396	17.968	ug/l	99
31) Cyclohexane	8.086	56	219429	16.639	ug/l	92
32) 1,1,1-Trichloroethane	8.004	97	190610	17.153	ug/l	98
36) 1,1-Dichloropropene	8.216	75	164818	16.562	ug/l	96
37) Ethyl Acetate	7.404	43	231690	16.917	ug/l	98
38) Carbon Tetrachloride	8.198	117	162983	16.932	ug/l	99
39) Methylcyclohexane	9.457	83	194240	16.592	ug/l	96
40) Benzene	8.457	78	521523	17.394	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	128978	19.243	ug/l #	84
42) 1,2-Dichloroethane	8.528	62	198344	19.010	ug/l	99
43) Isopropyl Acetate	8.551	43	392954	19.186	ug/l	94
44) Trichloroethene	9.210	130	122793	17.357	ug/l	92
45) 1,2-Dichloropropane	9.486	63	142350	17.686	ug/l	99
46) Dibromomethane	9.569	93	90277	18.223	ug/l	97
47) Bromodichloromethane	9.757	83	183470	18.326	ug/l	97
48) Methyl methacrylate	9.557	41	171151	18.033	ug/l #	84
49) 1,4-Dioxane	9.563	88	58368	353.793	ug/l	89
51) 4-Methyl-2-Pentanone	10.322	43	1140083	89.696	ug/l	100
52) Toluene	10.498	92	320390	17.353	ug/l	96
53) t-1,3-Dichloropropene	10.710	75	201087	18.221	ug/l	100
54) cis-1,3-Dichloropropene	10.180	75	219269	18.184	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	133939	18.104	ug/l	98
56) Ethyl methacrylate	10.757	69	216810	17.945	ug/l	90
57) 1,3-Dichloropropane	11.039	76	235786	17.755	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.033	63	326689	142.220	ug/l	95
59) 2-Hexanone	11.080	43	817811	94.299	ug/l	99
60) Dibromochloromethane	11.233	129	137374	18.688	ug/l	99
61) 1,2-Dibromoethane	11.339	107	134361	17.769	ug/l	100
64) Tetrachloroethene	10.969	164	107472	17.424	ug/l	96
65) Chlorobenzene	11.763	112	335136	17.646	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	125714	18.052	ug/l	98
67) Ethyl Benzene	11.839	91	593093	17.662	ug/l	97
68) m/p-Xylenes	11.945	106	447312	36.412	ug/l	98
69) o-Xylene	12.274	106	223928	18.184	ug/l	97
70) Styrene	12.286	104	351772	18.454	ug/l	98
71) Bromoform	12.451	173	102023	19.291	ug/l #	99
73) Isopropylbenzene	12.574	105	560029	16.260	ug/l	100
74) N-amyl acetate	12.386	43	238584	18.423	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	208497	18.771	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	185137m	19.668	ug/l	
77) Bromobenzene	12.857	156	137177	17.080	ug/l	81
78) n-propylbenzene	12.916	91	609761	16.498	ug/l	98
79) 2-Chlorotoluene	13.004	91	394471	16.627	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	454808	16.973	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	61580	18.631	ug/l	93
82) 4-Chlorotoluene	13.098	91	372414	17.623	ug/l	93
83) tert-Butylbenzene	13.316	119	410511	17.166	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	453462	17.668	ug/l	100
85) sec-Butylbenzene	13.498	105	540846	17.016	ug/l	99
86) p-Isopropyltoluene	13.610	119	434755	17.392	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	226413	17.350	ug/l	98
88) 1,4-Dichlorobenzene	13.686	146	218125	17.100	ug/l	96
89) n-Butylbenzene	13.939	91	328542	16.804	ug/l	97
90) Hexachloroethane	14.204	117	79211	15.935	ug/l	91
91) 1,2-Dichlorobenzene	13.980	146	222266	17.716	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	37448	18.687	ug/l	84
93) 1,2,4-Trichlorobenzene	15.257	180	93347	17.978	ug/l	99
94) Hexachlorobutadiene	15.362	225	61707	17.520	ug/l	96
95) Naphthalene	15.504	128	251518	18.867	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	92059	18.247	ug/l	99

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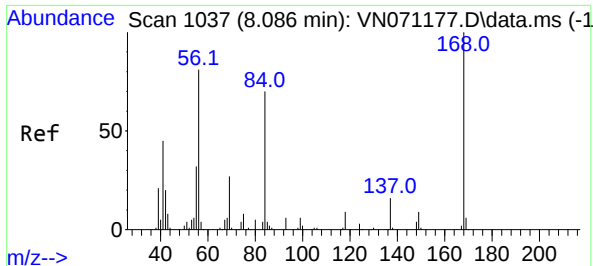
Manual Integrations
APPROVED

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 08 06:52:46 2022
Response via : Initial Calibration

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



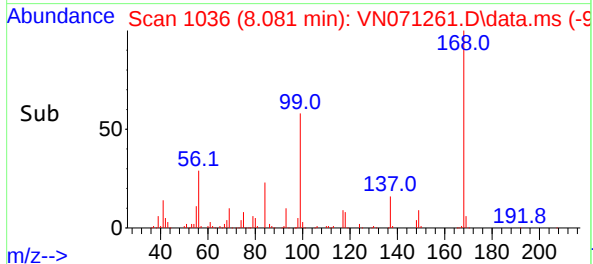
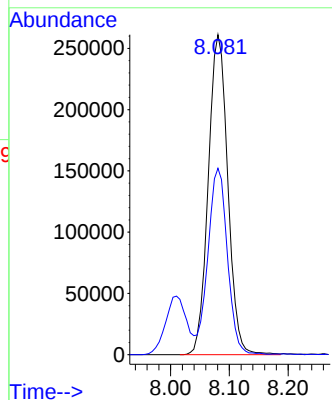
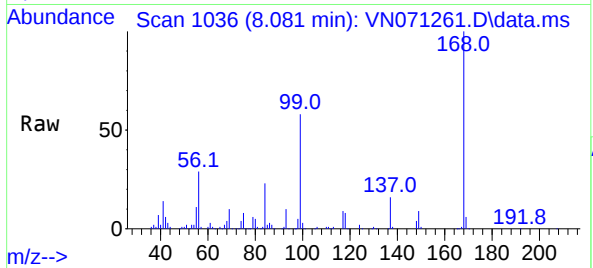
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02

Tgt Ion:168 Resp: 60255
Ion Ratio Lower Upper
168 100
99 58.0 41.3 61.9

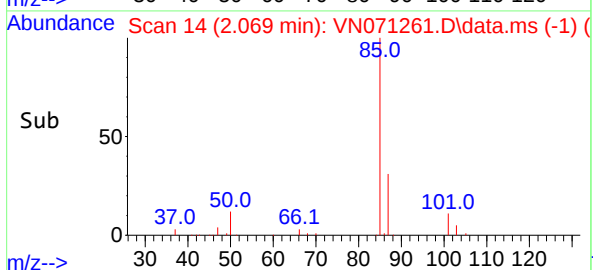
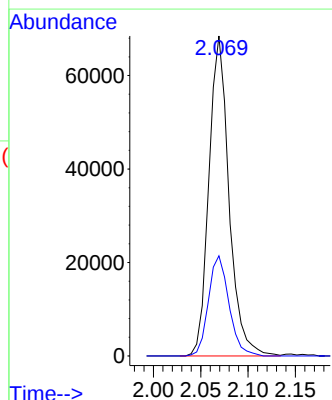
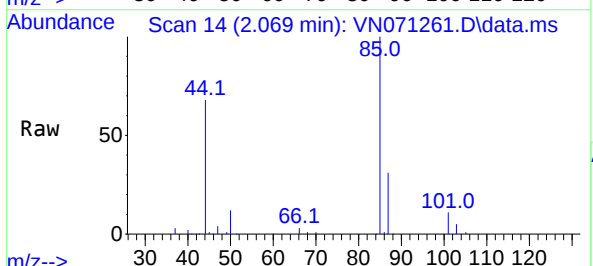
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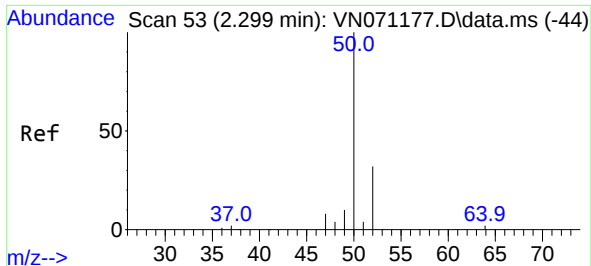
Reviewed By :John Carlone 03/15/2022
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#2
Dichlorodifluoromethane
Concen: 15.299 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

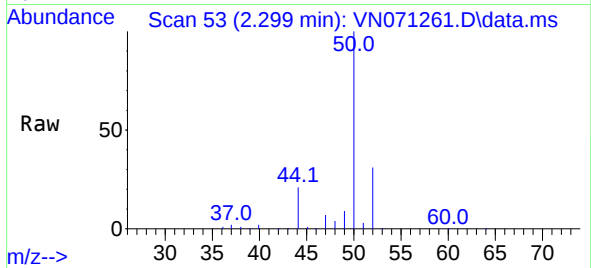
Tgt Ion: 85 Resp: 101031
Ion Ratio Lower Upper
85 100
87 31.3 16.3 48.9





#3
Chloromethane
Concen: 16.605 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

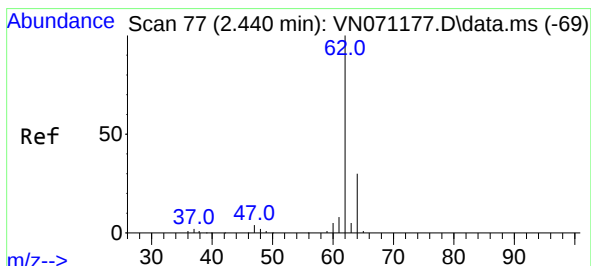
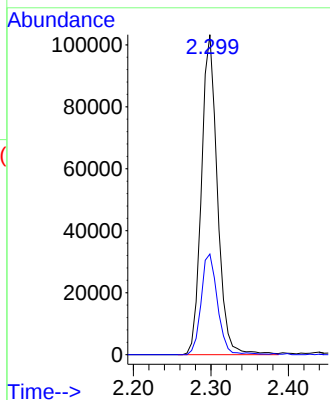
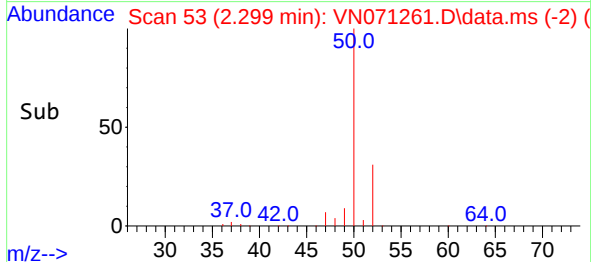
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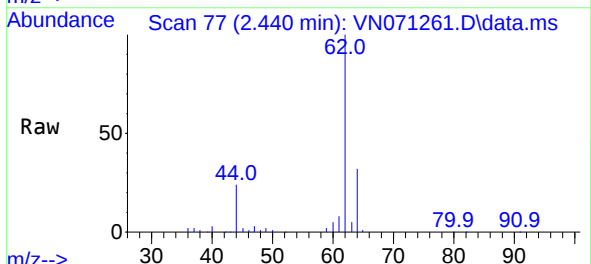
Tgt Ion: 50 Resp: 14742
Ion Ratio Lower Upper
50 100
52 31.4 25.4 38.0

Manual Integrations
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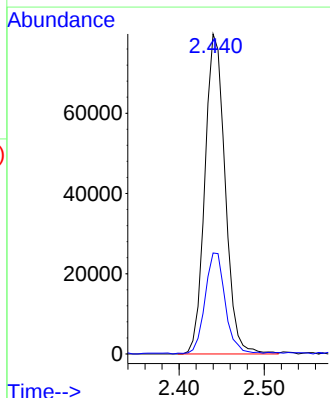
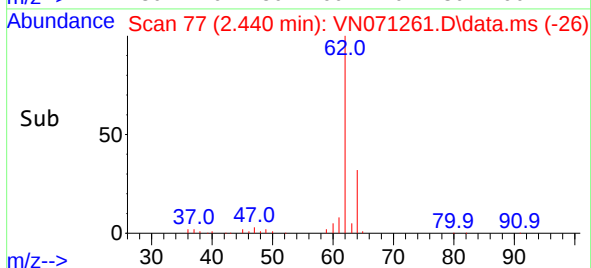
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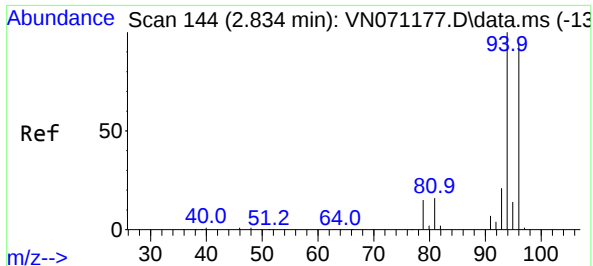


#4
Vinyl Chloride
Concen: 16.287 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14



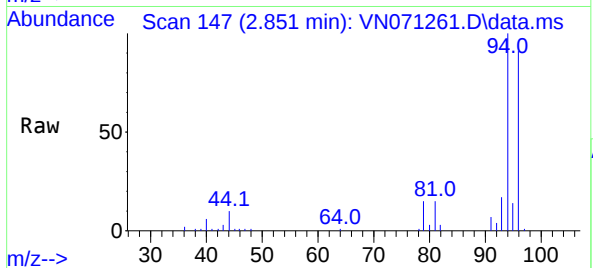
Tgt Ion: 62 Resp: 131812
Ion Ratio Lower Upper
62 100
64 31.3 25.8 38.6





#5
Bromomethane
Concen: 19.256 ug/l
RT: 2.851 min Scan# 147
Delta R.T. 0.017 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

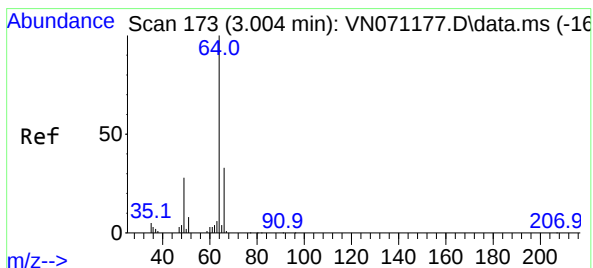
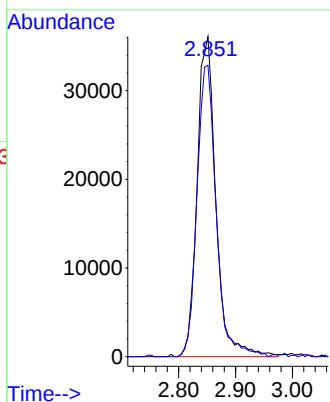
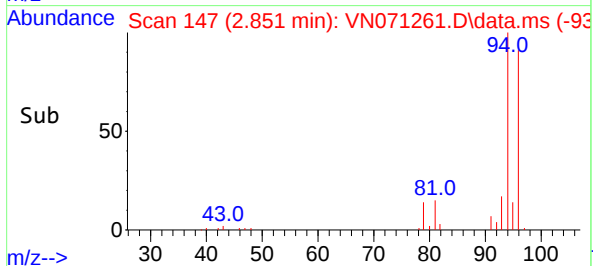
Instrument :
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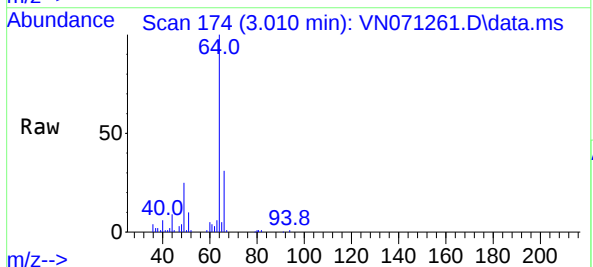
Tgt Ion: 94 Resp: 82860
Ion Ratio Lower Upper
94 100
96 91.1 73.8 110.8

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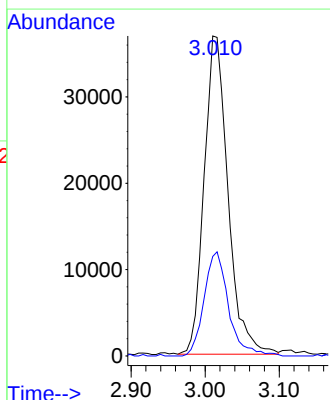
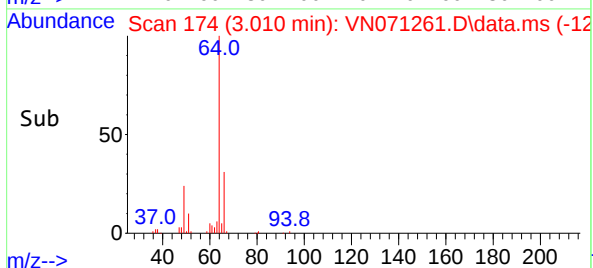
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#6
Chloroethane
Concen: 16.842 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.006 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14



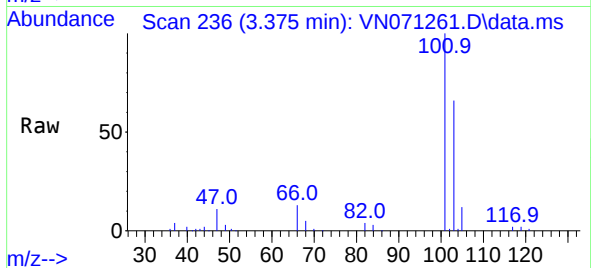
Tgt Ion: 64 Resp: 82544
Ion Ratio Lower Upper
64 100
66 31.3 26.3 39.5





#7
Trichlorofluoromethane
Concen: 16.530 ug/l
RT: 3.375 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN071261.D
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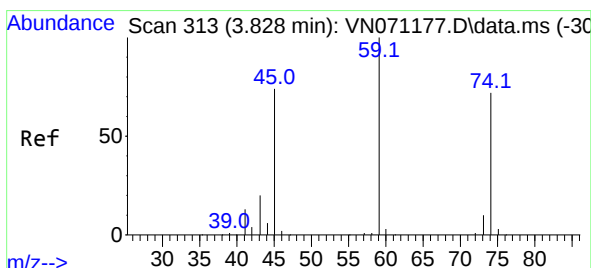
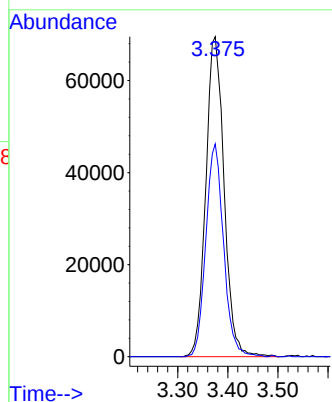
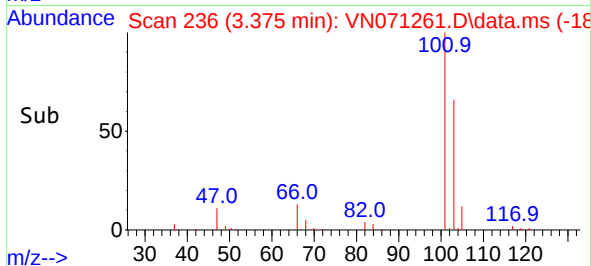
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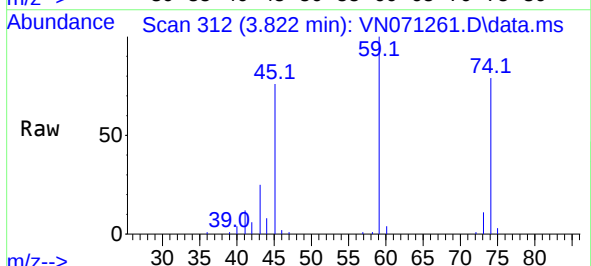
Tgt Ion:101 Resp: 176070
Ion Ratio Lower Upper
101 100
103 66.5 50.1 75.1

Manual Integrations
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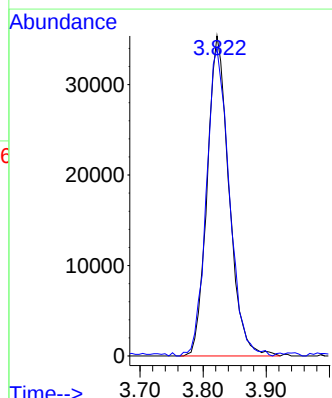
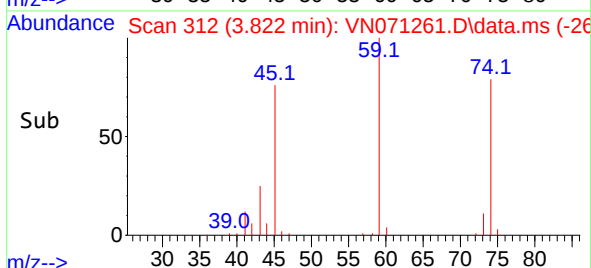
Reviewed By :John Carlone 03/15/2022
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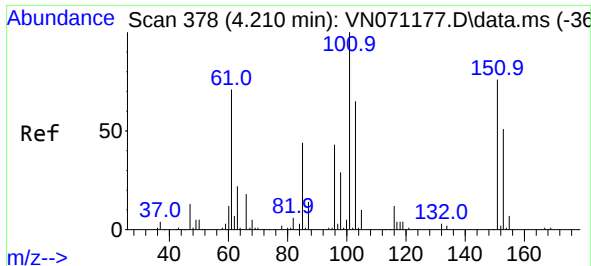


#8
Diethyl Ether
Concen: 18.643 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.006 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14



Tgt Ion: 74 Resp: 84979
Ion Ratio Lower Upper
74 100
45 101.1 47.0 141.2





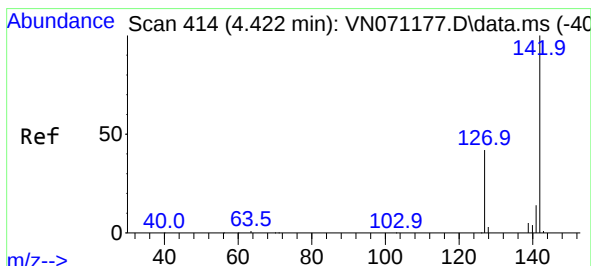
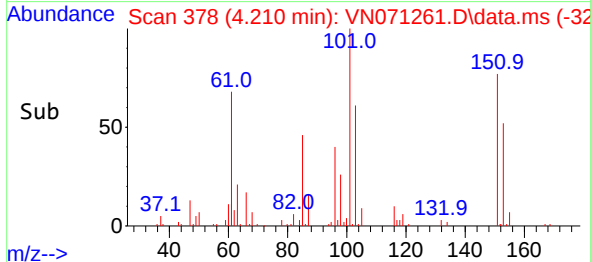
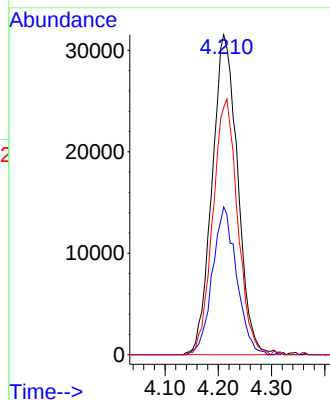
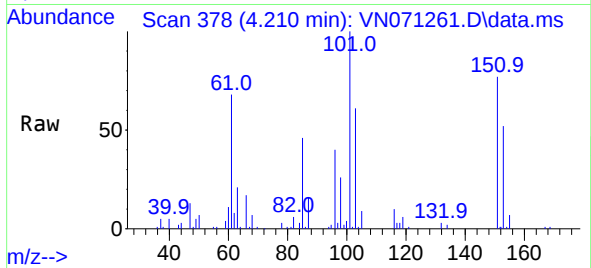
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1,1,2-Trichlorotrifluoroethane
Concen: 17.043 ug/l
RT: 4.210 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN071261.D
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Tgt Ion:101 Resp: 105094
Ion Ratio Lower Upper
101 100
85 43.7 37.2 55.8
151 77.4 65.9 98.9

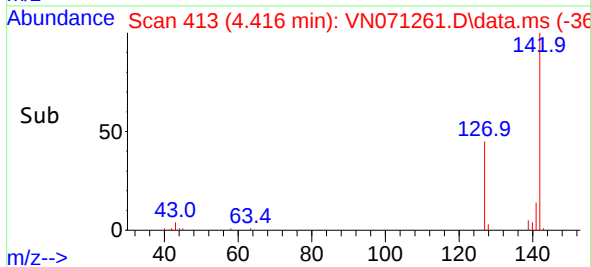
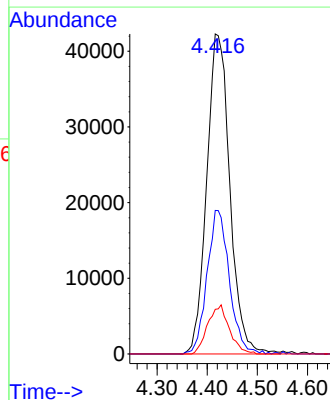
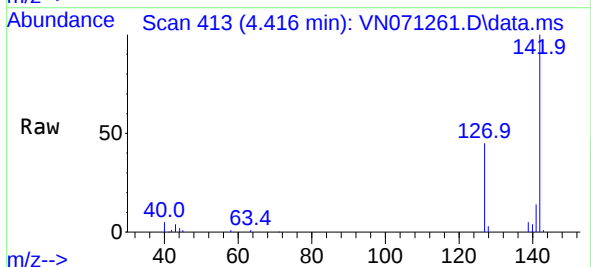
Manual Integrations
APPROVED

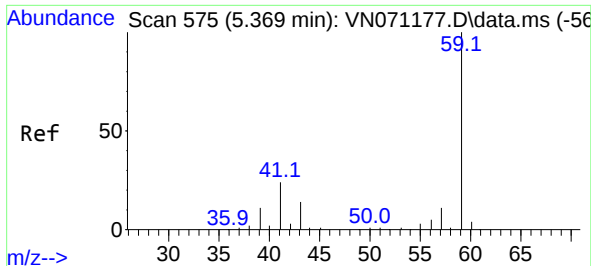
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#10
Methyl Iodide
Concen: 15.551 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

Tgt Ion:142 Resp: 135439
Ion Ratio Lower Upper
142 100
127 43.3 35.4 53.0
141 14.3 11.6 17.4





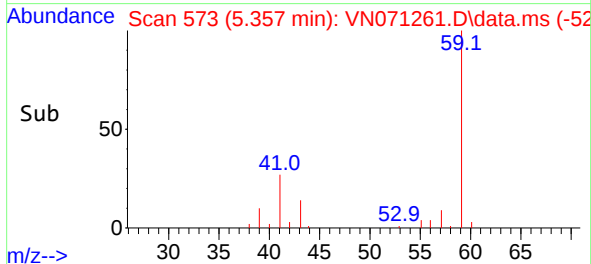
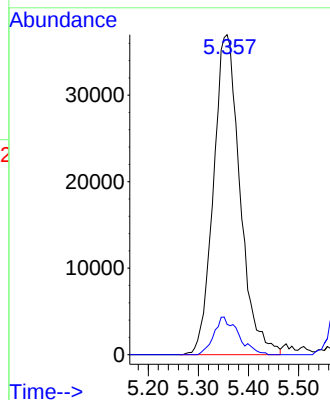
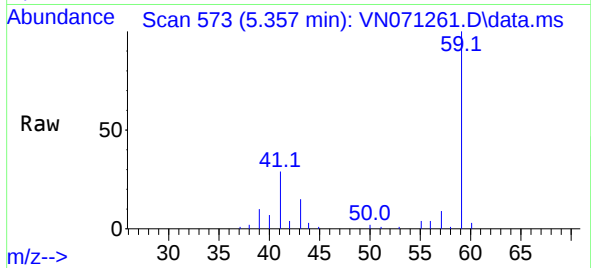
#11
Tert butyl alcohol
Concen: 83.923 ug/l
RT: 5.357 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02

Tgt Ion: 59 Resp: 13614
Ion Ratio Lower Upper
59 100
57 10.9 8.7 13.1

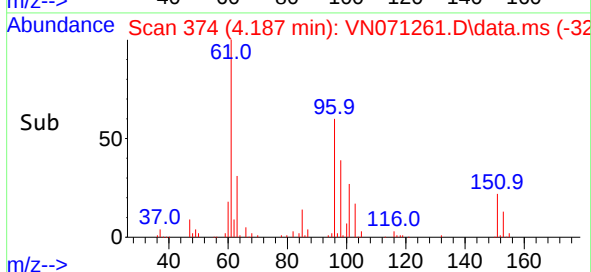
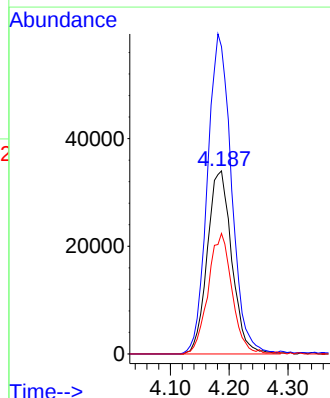
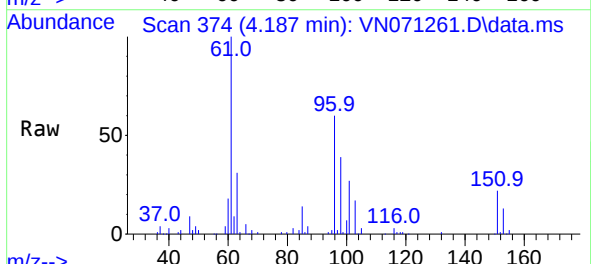
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#12
1,1-Dichloroethene
Concen: 16.297 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.006 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

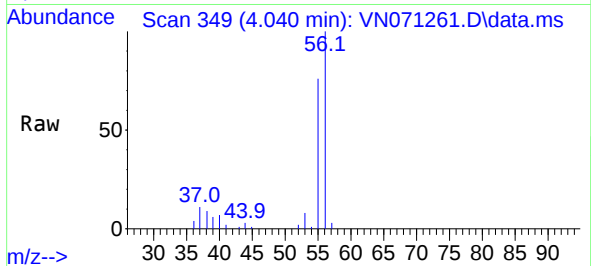
Tgt Ion: 96 Resp: 98447
Ion Ratio Lower Upper
96 100
61 167.9 131.0 196.6
98 65.8 52.4 78.6





#13
Acrolein
Concen: 48.121 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

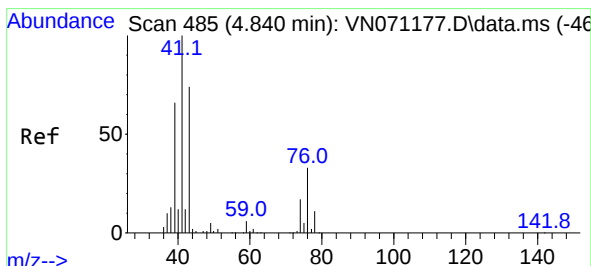
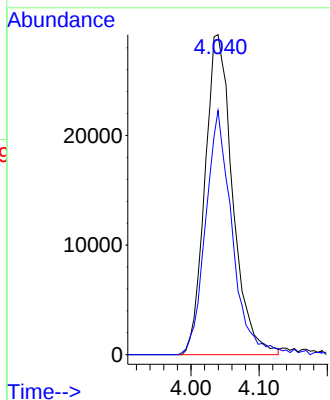
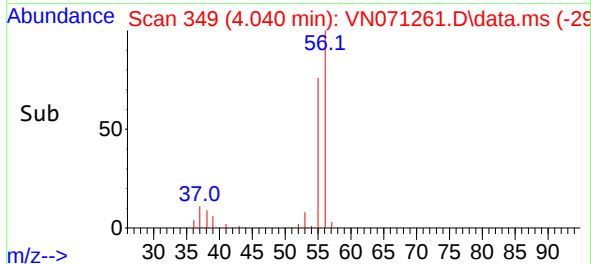
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



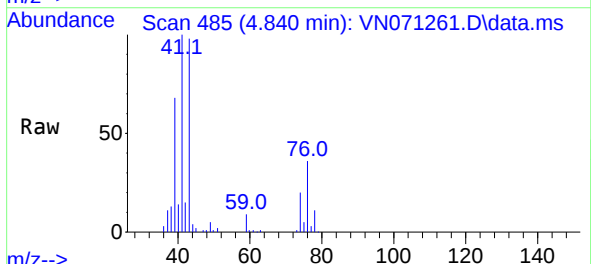
Tgt Ion: 56 Resp: 82629
Ion Ratio Lower Upper
56 100
55 72.8 56.6 85.0

Manual Integrations
APPROVED

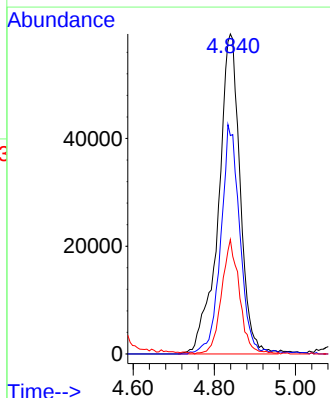
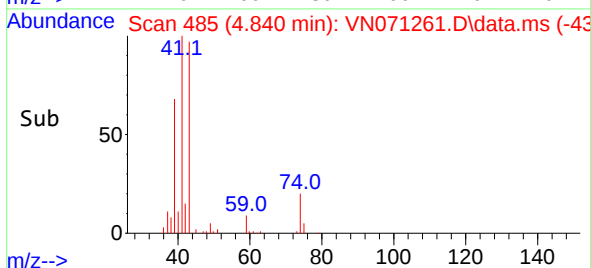
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

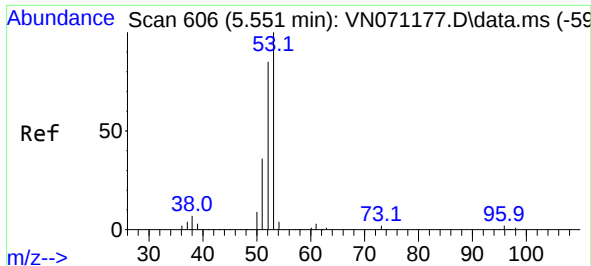


#14
Allyl chloride
Concen: 16.832 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14



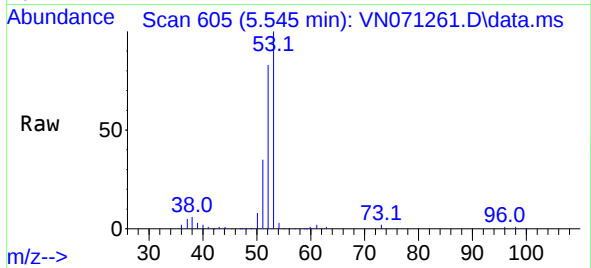
Tgt Ion: 41 Resp: 221149
Ion Ratio Lower Upper
41 100
39 62.4 61.2 91.8
76 29.5 26.0 39.0





#15
Acrylonitrile
Concen: 87.453 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

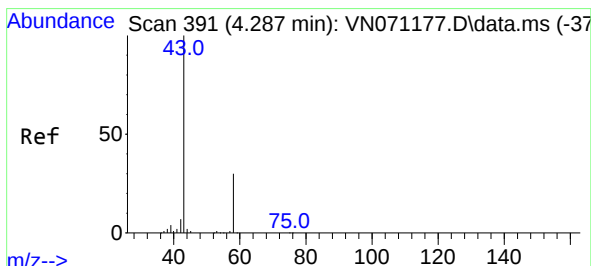
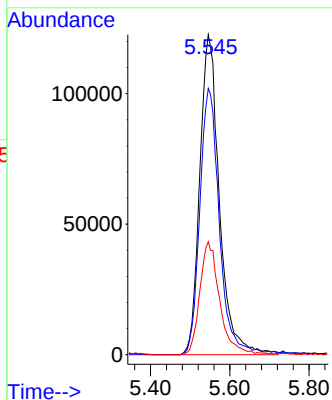
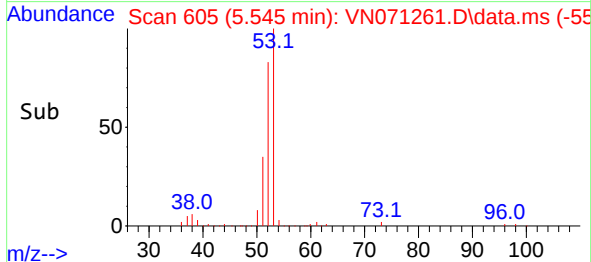
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



Tgt Ion: 53 Resp: 421269
Ion Ratio Lower Upper
53 100
52 82.6 66.2 99.2
51 35.7 29.6 44.4

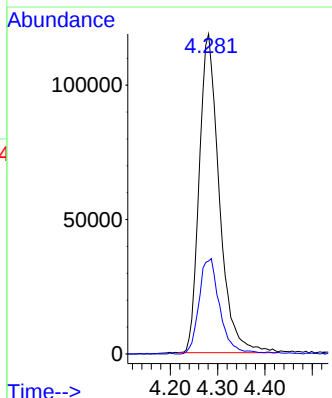
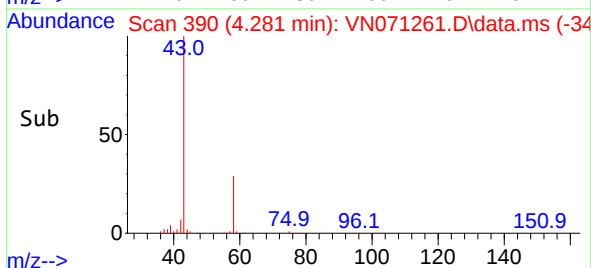
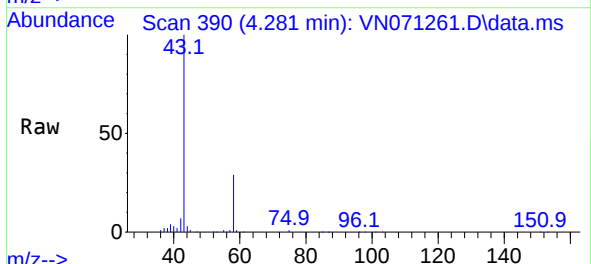
Manual Integrations
APPROVED

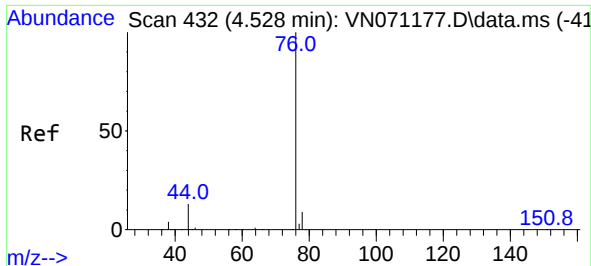
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#16
Acetone
Concen: 86.922 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

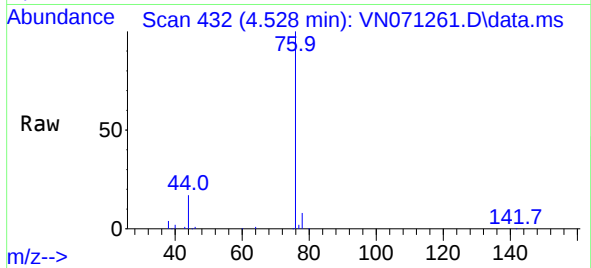
Tgt Ion: 43 Resp: 349267
Ion Ratio Lower Upper
43 100
58 29.2 23.1 34.7





#17
Carbon Disulfide
Concen: 14.540 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

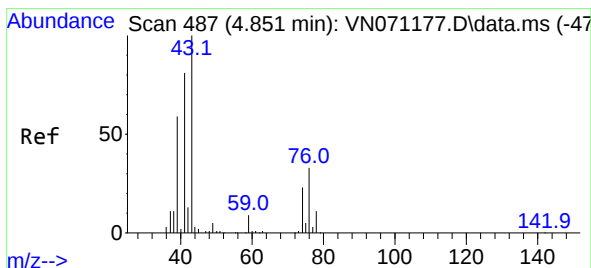
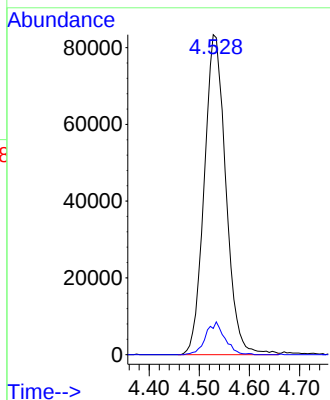
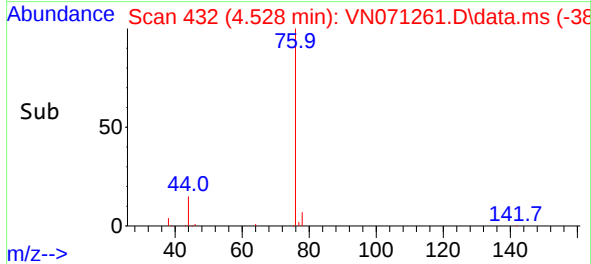
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



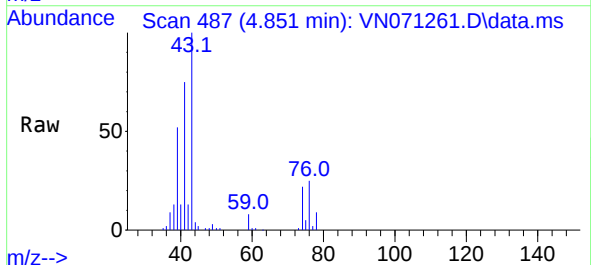
Tgt Ion: 76 Resp: 250052
Ion Ratio Lower Upper
76 100
78 8.2 7.5 11.3

Manual Integrations
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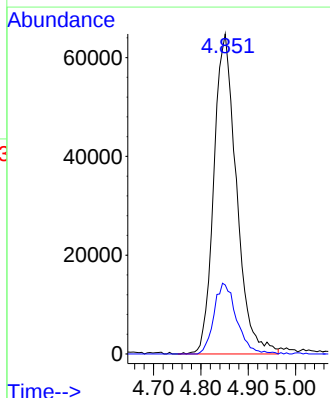
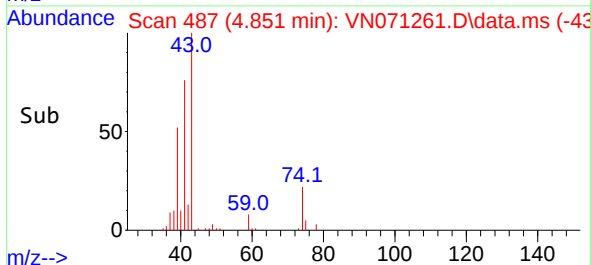
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

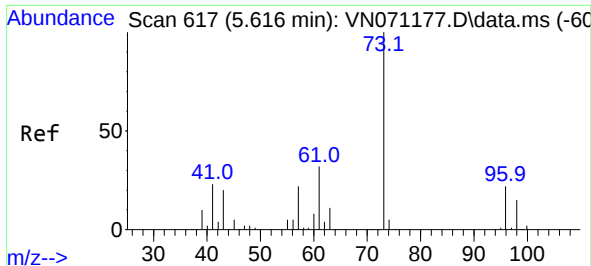


#18
Methyl Acetate
Concen: 20.200 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14



Tgt Ion: 43 Resp: 214933
Ion Ratio Lower Upper
43 100
74 22.1 19.4 29.2





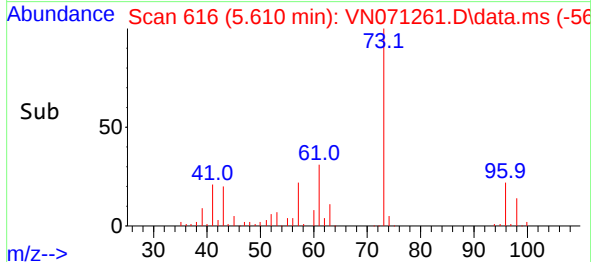
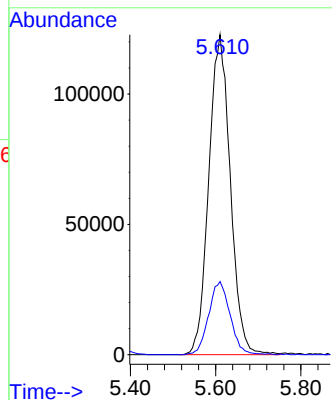
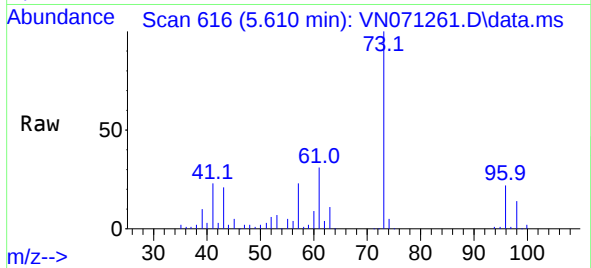
#19
Methyl tert-butyl Ether
Concen: 19.035 ug/l
RT: 5.610 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02

Tgt Ion: 73 Resp: 43171
Ion Ratio Lower Upper
73 100
57 22.8 16.8 25.2

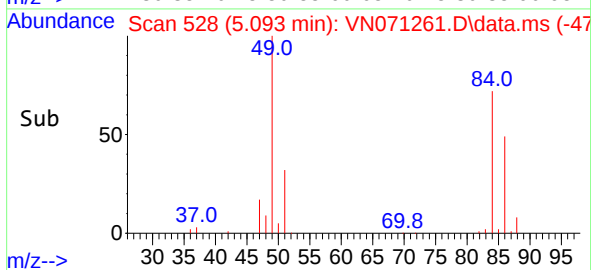
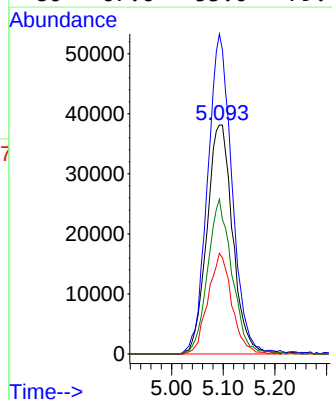
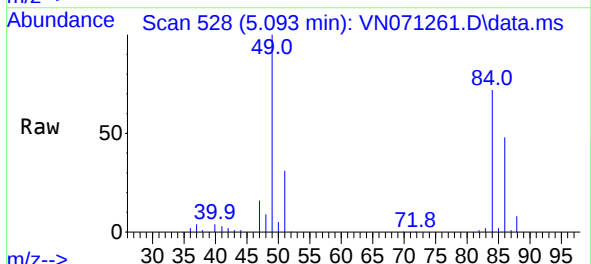
Manual Integrations
APPROVED

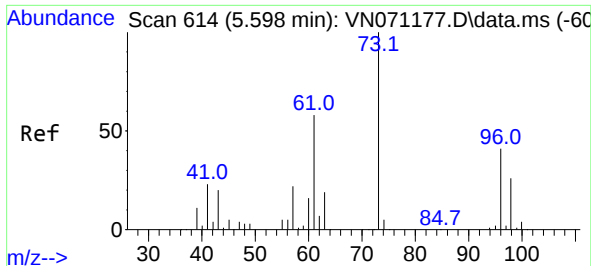
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#20
Methylene Chloride
Concen: 18.201 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

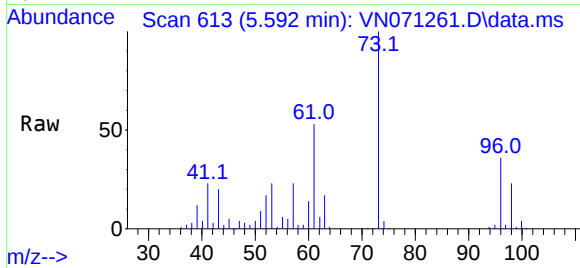
Tgt Ion: 84 Resp: 131872
Ion Ratio Lower Upper
84 100
49 139.7 93.5 140.3
51 43.9 29.4 44.2
86 67.6 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 16.775 ug/l
RT: 5.592 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

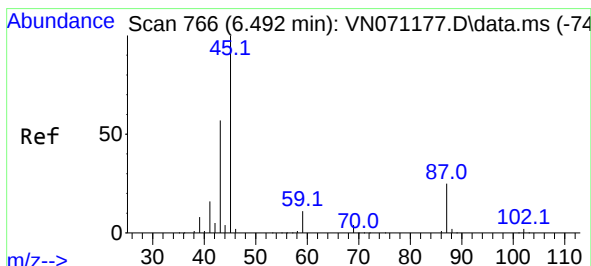
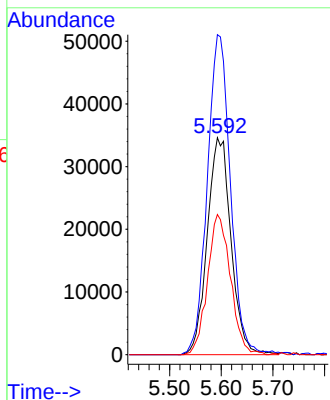
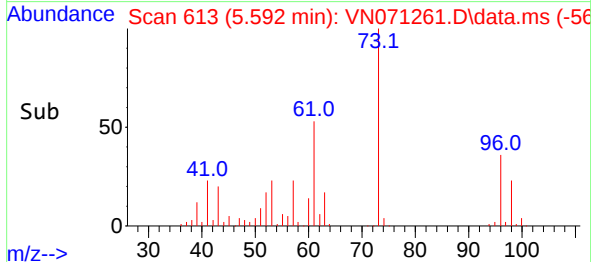
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



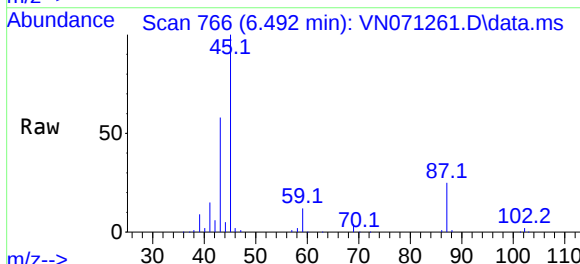
Tgt Ion: 96 Resp: 11084
Ion Ratio Lower Upper
96 100
61 147.5 105.8 158.6
98 64.6 52.0 78.0

Manual Integrations
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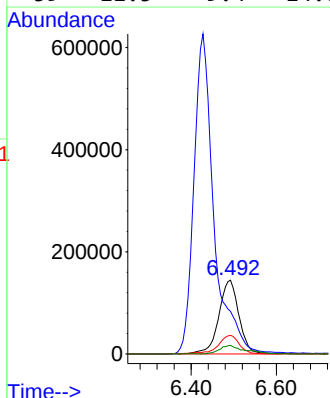
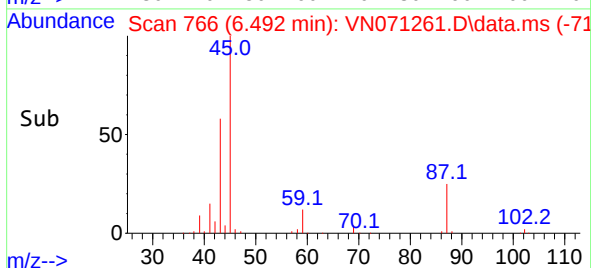
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#22
Diisopropyl ether
Concen: 18.324 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14



Tgt Ion: 45 Resp: 474298
Ion Ratio Lower Upper
45 100
43 55.5 51.7 77.5
87 25.0 23.2 34.8
59 11.5 9.4 14.0





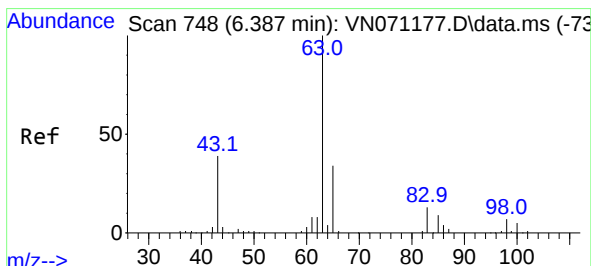
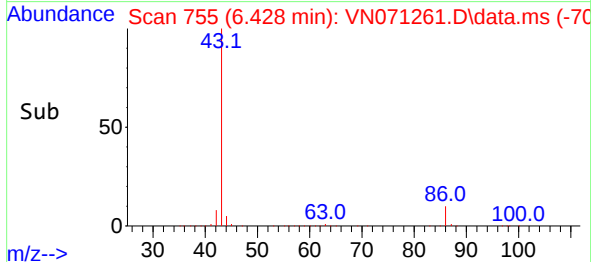
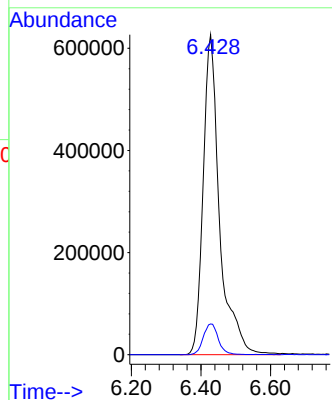
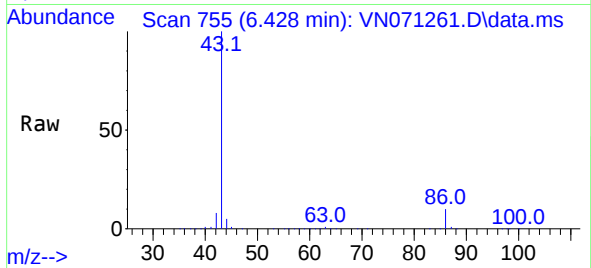
#23
 Vinyl Acetate
 Concen: 93.604 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.006 min
 Lab File: VN071261.D
 Acq: 14 Mar 2022 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS02

Tgt Ion: 43 Resp: 205115
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.5 12.7

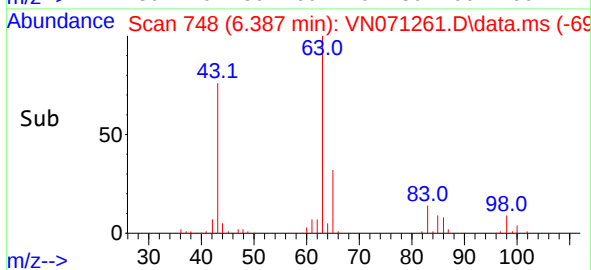
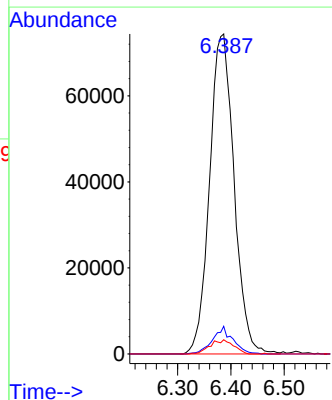
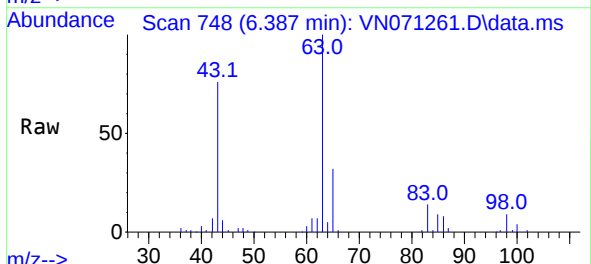
Manual Integrations
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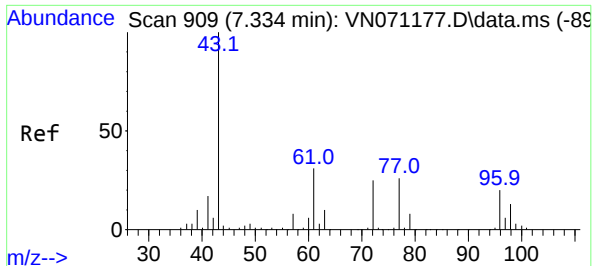
Reviewed By :John Carlone 03/15/2022
 Supervised By :Mahesh Dadoda 03/15/2022



#24
 1,1-Dichloroethane
 Concen: 17.355 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN071261.D
 Acq: 14 Mar 2022 13:14

Tgt Ion: 63 Resp: 237380
 Ion Ratio Lower Upper
 63 100
 98 8.7 3.3 9.9
 100 4.4 2.1 6.5





#25

2-Butanone

Concen: 86.889 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.006 min

Lab File: VN071261.D

Acq: 14 Mar 2022 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS02

Tgt Ion: 43 Resp: 562418

Ion Ratio Lower Upper

43 100

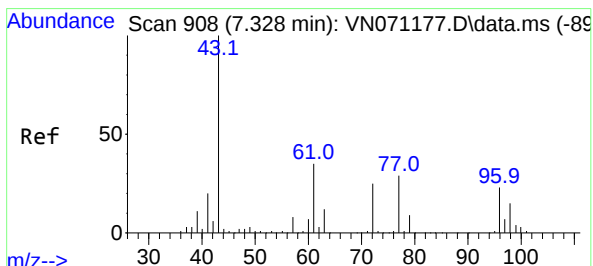
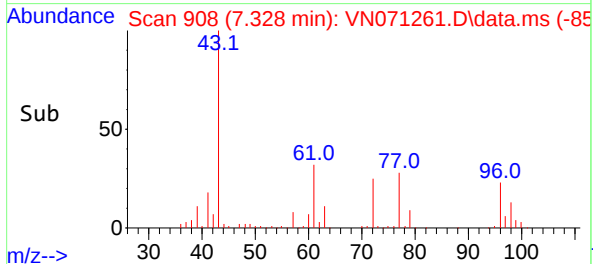
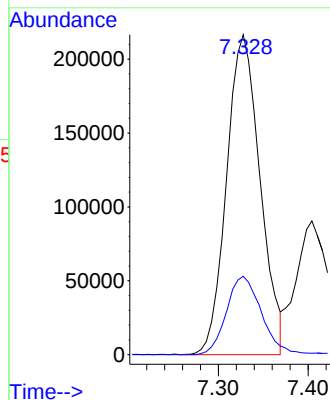
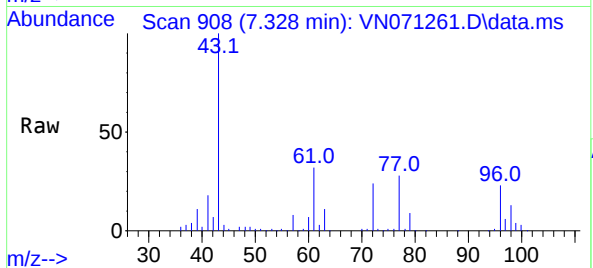
72 24.5 21.7 32.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2022

Supervised By :Mahesh Dadoda 03/15/2022



#26

2,2-Dichloropropane

Concen: 17.753 ug/l

RT: 7.316 min Scan# 906

Delta R.T. -0.012 min

Lab File: VN071261.D

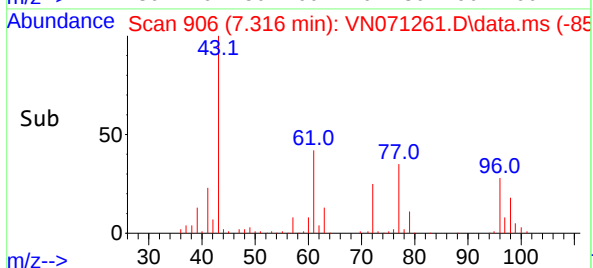
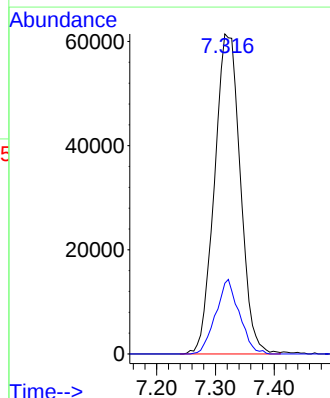
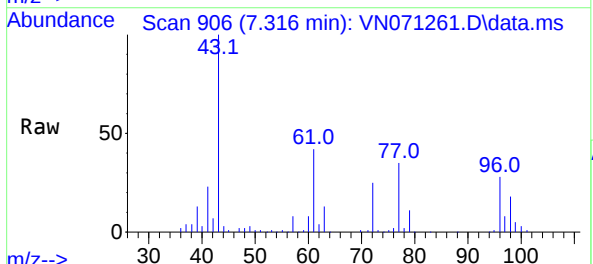
Acq: 14 Mar 2022 13:14

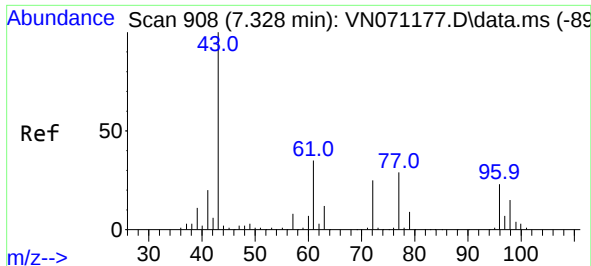
Tgt Ion: 77 Resp: 187327

Ion Ratio Lower Upper

77 100

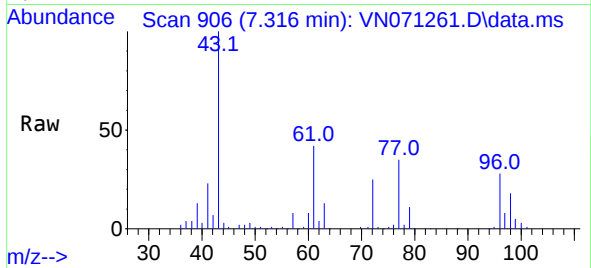
97 21.3 11.6 34.8





#27
cis-1,2-Dichloroethene
Concen: 17.611 ug/l
RT: 7.316 min Scan# 908
Delta R.T. -0.012 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

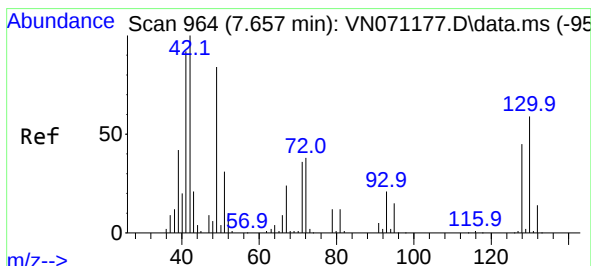
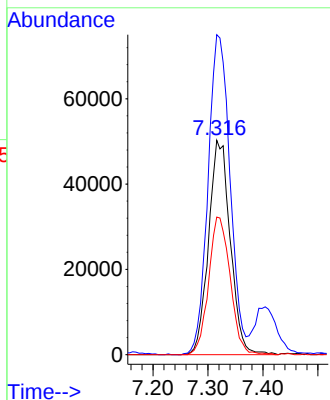
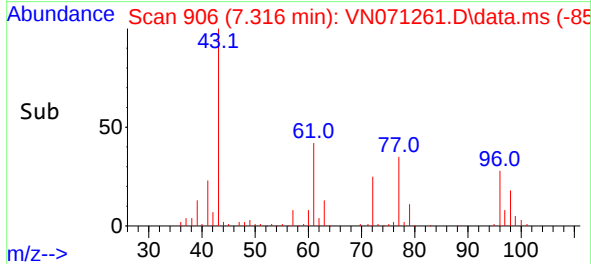
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



Tgt Ion: 96 Resp: 138104
Ion Ratio Lower Upper
96 100
61 150.7 0.0 275.0
98 63.8 0.0 129.6

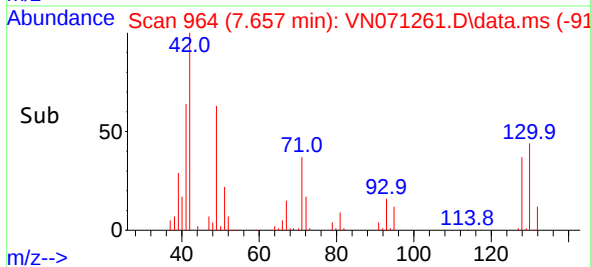
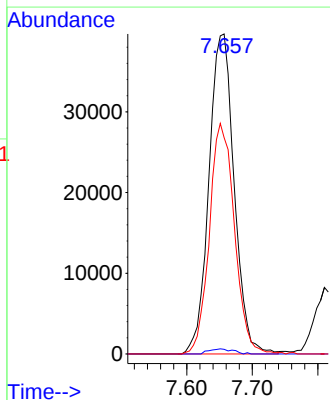
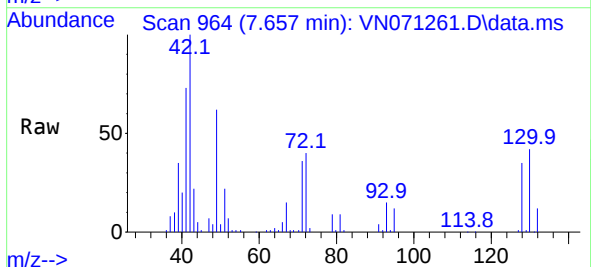
Manual Integrations
APPROVED

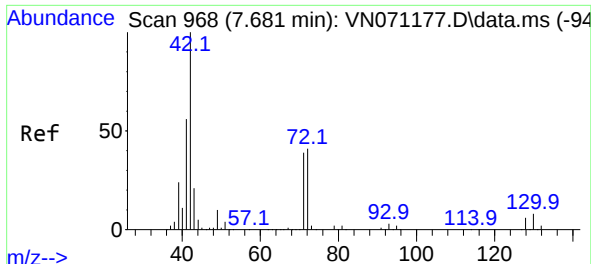
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#28
Bromochloromethane
Concen: 17.383 ug/l
RT: 7.657 min Scan# 964
Delta R.T. -0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

Tgt Ion: 49 Resp: 105878
Ion Ratio Lower Upper
49 100
129 1.5 0.0 4.0
130 71.6 67.8 101.8





#29

Tetrahydrofuran

Concen: 88.770 ug/l

RT: 7.681 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN071261.D

Acq: 14 Mar 2022 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS02

Tgt Ion: 42 Resp: 39806

Ion Ratio Lower Upper

42 100

72 40.2 36.3 54.5

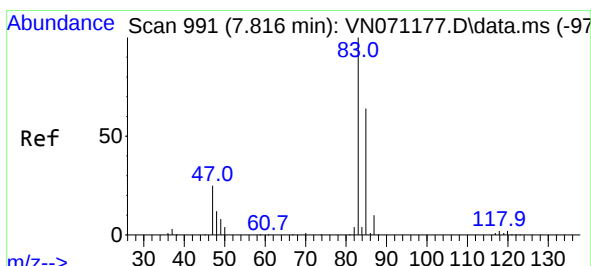
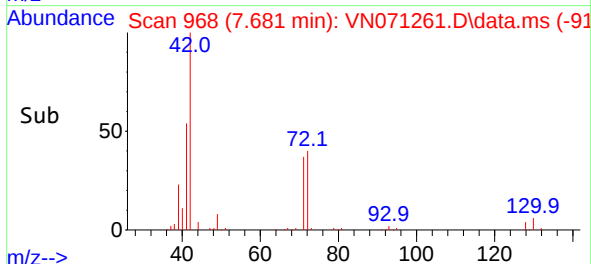
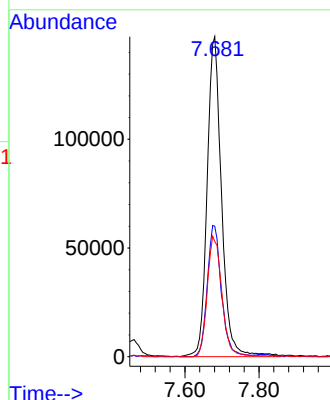
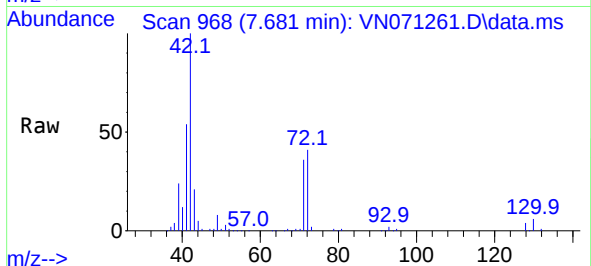
71 38.3 34.7 52.1

Manual Integrations

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Reviewed By :John Carlone 03/15/2022

Supervised By :Mahesh Dadoda 03/15/2022



#30

Chloroform

Concen: 17.968 ug/l

RT: 7.810 min Scan# 990

Delta R.T. -0.006 min

Lab File: VN071261.D

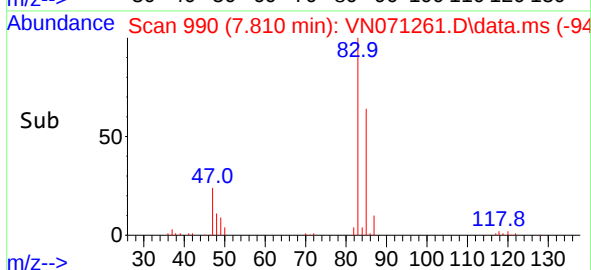
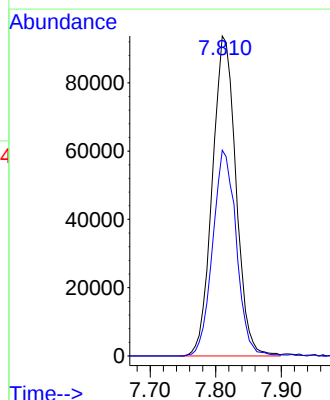
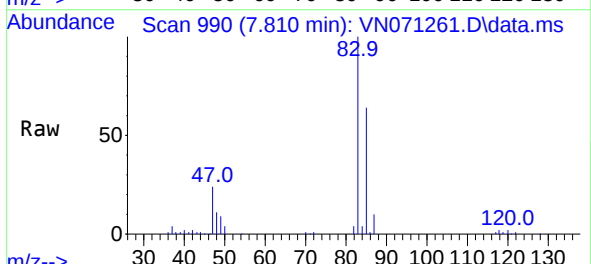
Acq: 14 Mar 2022 13:14

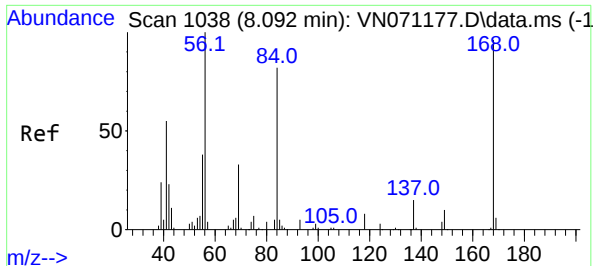
Tgt Ion: 83 Resp: 234396

Ion Ratio Lower Upper

83 100

85 64.3 51.9 77.9





#31

Cyclohexane

Concen: 16.639 ug/l

RT: 8.086 min Scan# 1037

Delta R.T. -0.006 min

Lab File: VN071261.D

Acq: 14 Mar 2022 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS02

Tgt Ion: 56 Resp: 219429

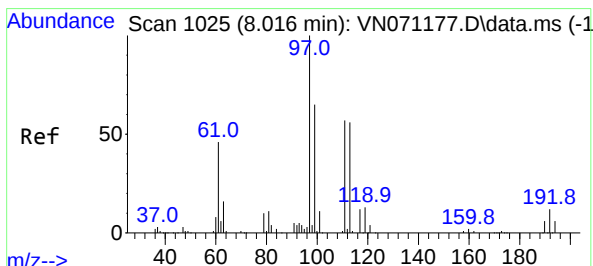
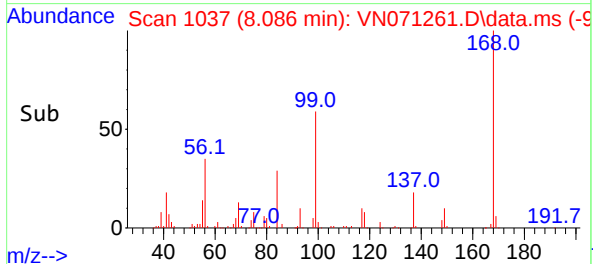
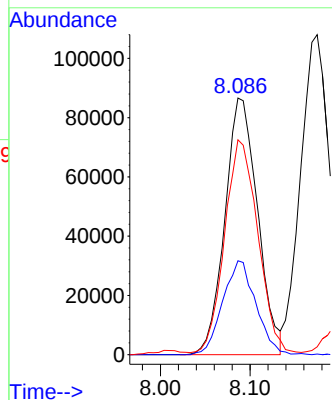
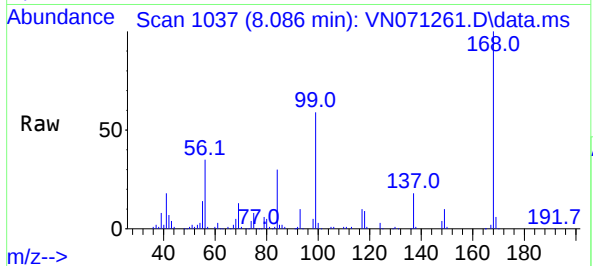
Ion	Ratio	Lower	Upper
56	100		
69	36.4	27.1	40.7
84	82.7	73.4	110.0

Manual Integrations

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Reviewed By :John Carlone 03/15/2022

Supervised By :Mahesh Dadoda 03/15/2022



#32

1,1,1-Trichloroethane

Concen: 17.153 ug/l

RT: 8.004 min Scan# 1023

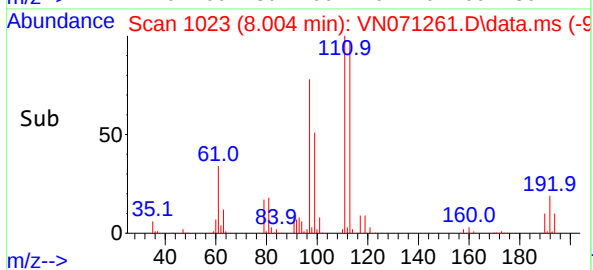
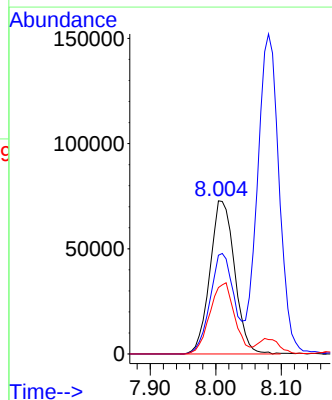
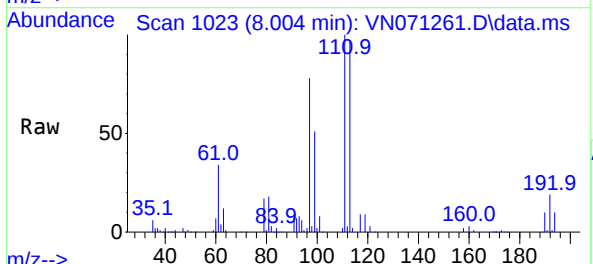
Delta R.T. -0.012 min

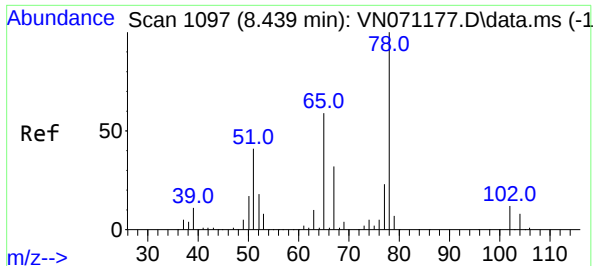
Lab File: VN071261.D

Acq: 14 Mar 2022 13:14

Tgt Ion: 97 Resp: 190610

Ion	Ratio	Lower	Upper
97	100		
99	63.1	50.1	75.1
61	47.1	35.2	52.8





#33

1,2-Dichloroethane-d4

Concen: 47.187 ug/l

RT: 8.428 min Scan# 1095

Delta R.T. -0.012 min

Lab File: VN071261.D

Acq: 14 Mar 2022 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS02

Tgt Ion: 65 Resp: 38968

Ion Ratio Lower Upper

65 100

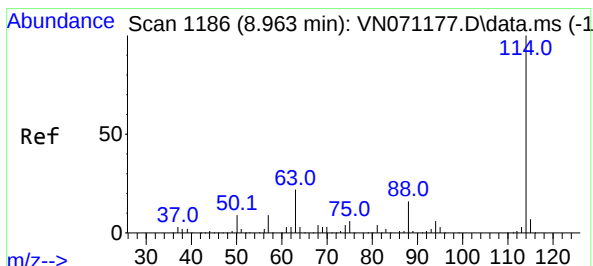
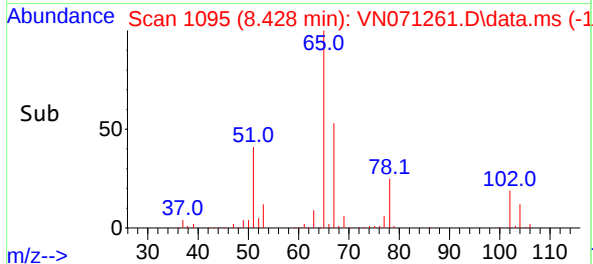
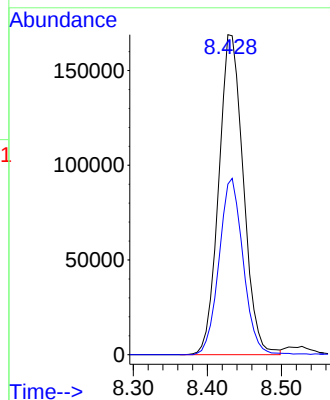
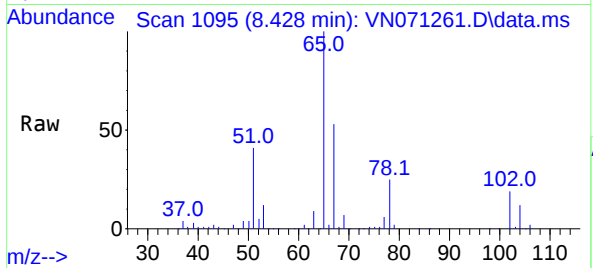
67 54.0 0.0 103.0

Manual Integrations

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Reviewed By :John Carlone 03/15/2022

Supervised By :Mahesh Dadoda 03/15/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN071261.D

Acq: 14 Mar 2022 13:14

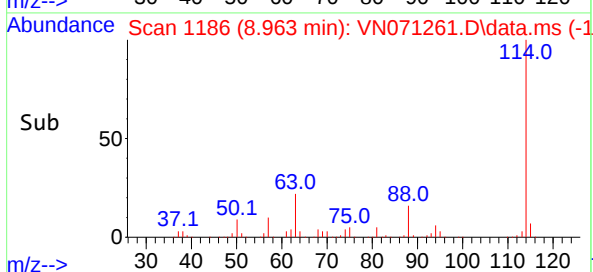
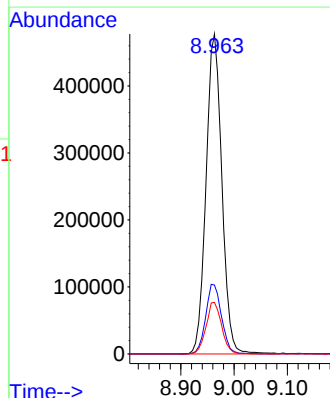
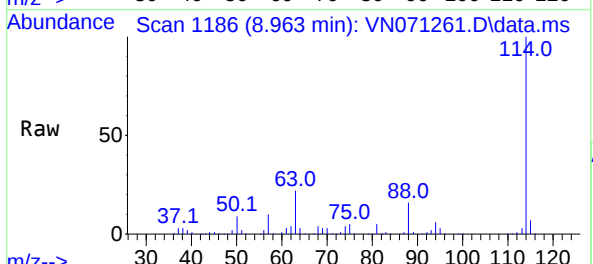
Tgt Ion:114 Resp: 984275

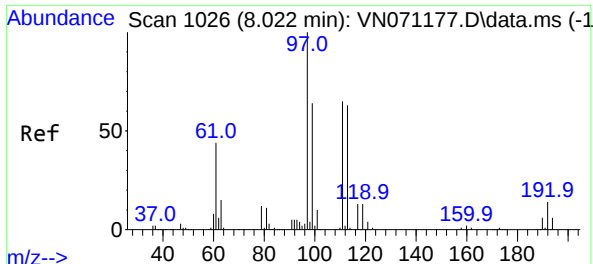
Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.8

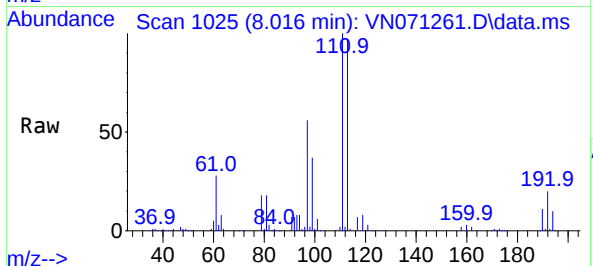
88 16.1 0.0 27.4





#35
Dibromofluoromethane
Concen: 46.754 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.006 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

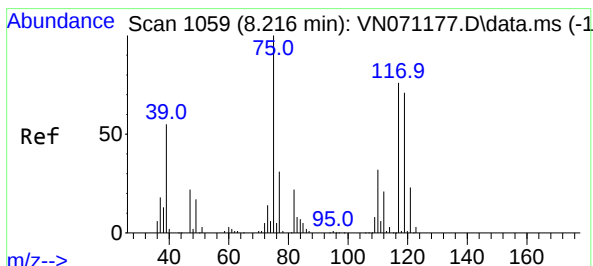
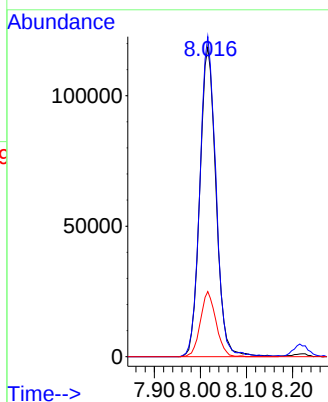
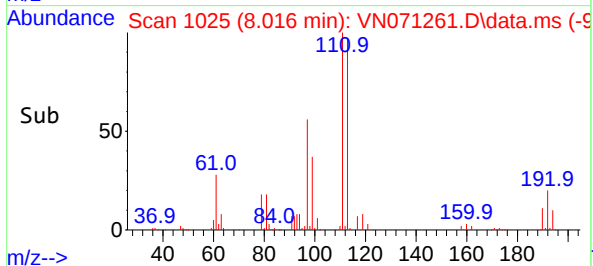
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



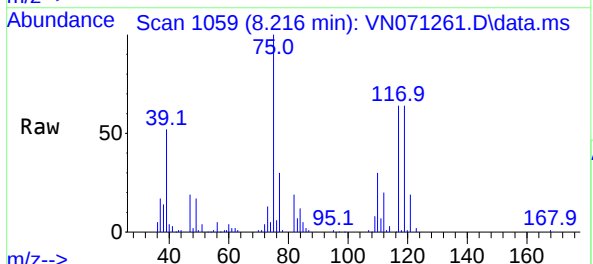
Tgt Ion:113 Resp: 29039
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 20.3 16.9 25.3

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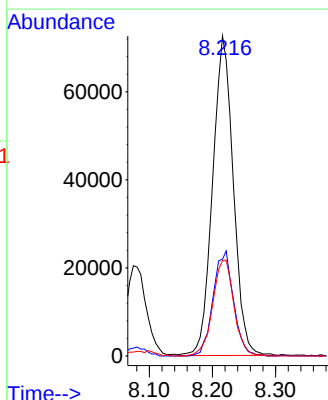
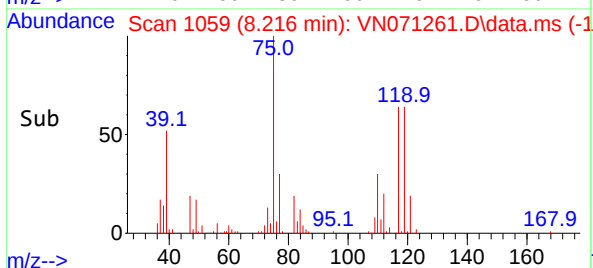
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

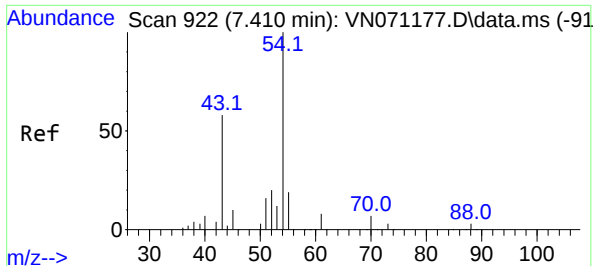


#36
1,1-Dichloropropene
Concen: 16.562 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14



Tgt Ion: 75 Resp: 164818
Ion Ratio Lower Upper
75 100
110 32.4 18.4 55.2
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 16.917 ug/l

RT: 7.404 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN071261.D

Acq: 14 Mar 2022 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS02

Tgt Ion: 43 Resp: 231690

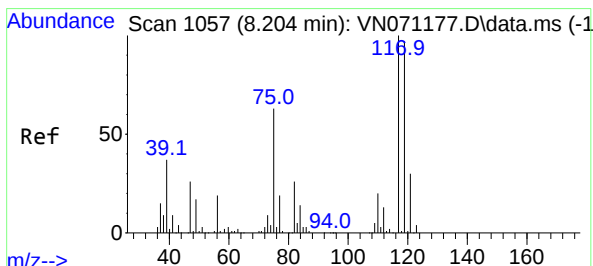
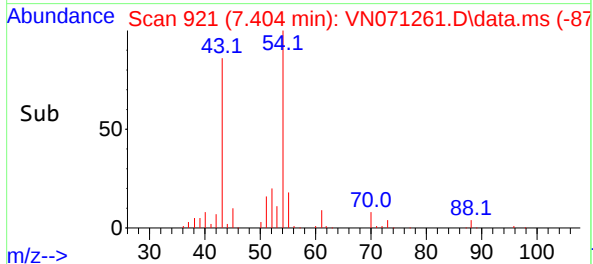
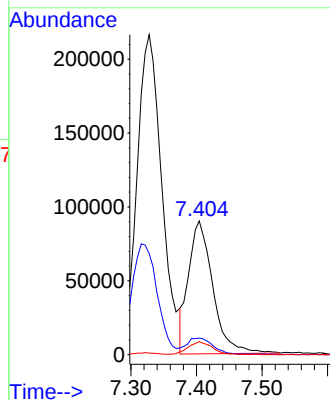
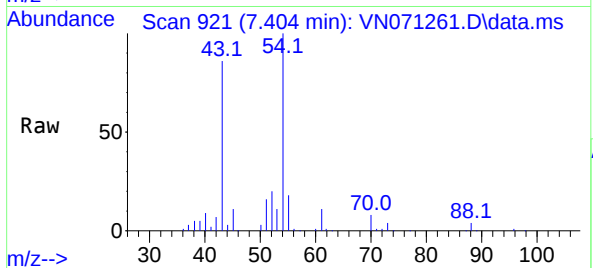
Ion	Ratio	Lower	Upper
43	100		
61	13.1	11.5	17.3
70	9.8	7.9	11.9

Manual Integrations

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Reviewed By :John Carlone 03/15/2022

Supervised By :Mahesh Dadoda 03/15/2022



#38

Carbon Tetrachloride

Concen: 16.932 ug/l

RT: 8.198 min Scan# 1056

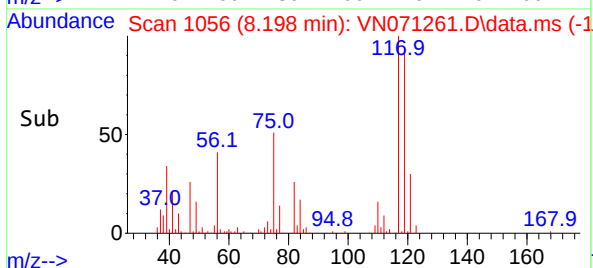
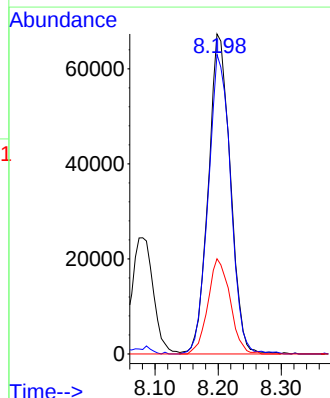
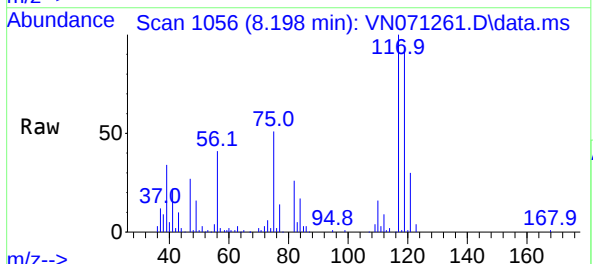
Delta R.T. -0.006 min

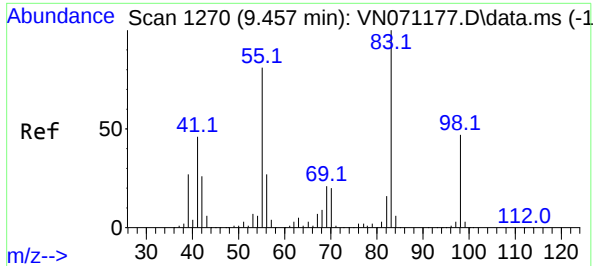
Lab File: VN071261.D

Acq: 14 Mar 2022 13:14

Tgt Ion:117 Resp: 162983

Ion	Ratio	Lower	Upper
117	100		
119	93.6	76.1	114.1
121	29.7	24.2	36.2





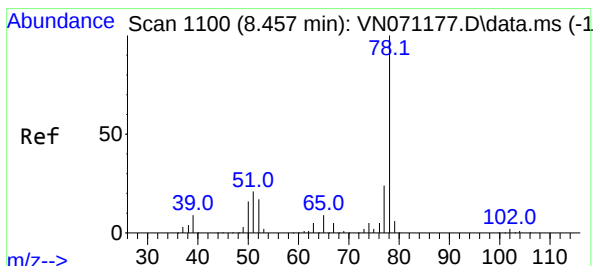
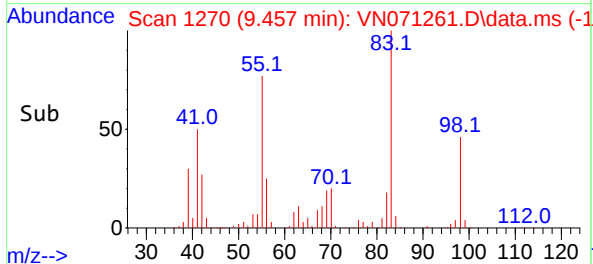
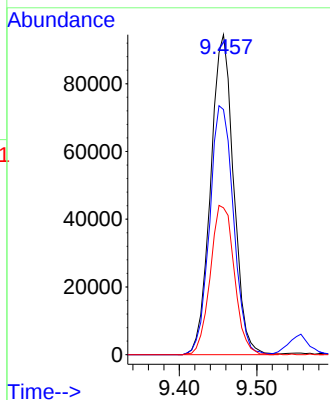
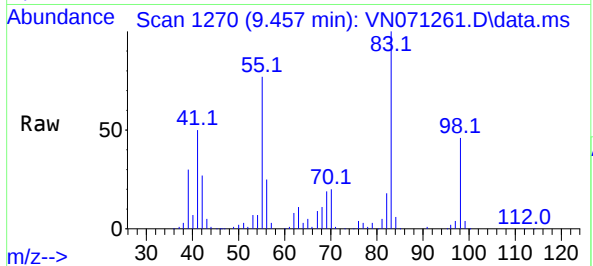
#39
Methylcyclohexane
Concen: 16.592 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02

Tgt Ion: 83 Resp: 194240
Ion Ratio Lower Upper
83 100
55 76.6 58.1 87.1
98 45.9 38.4 57.6

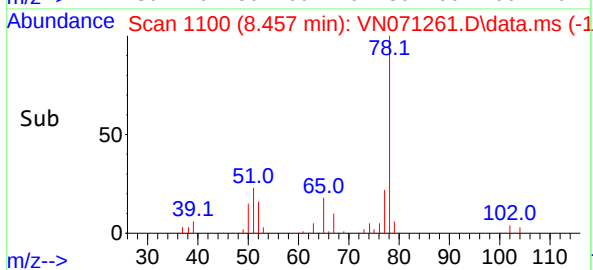
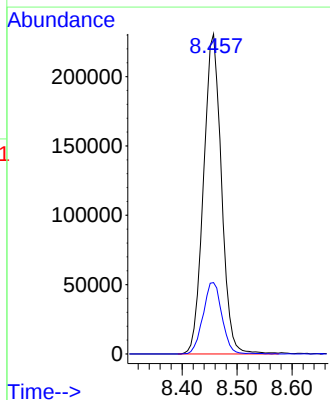
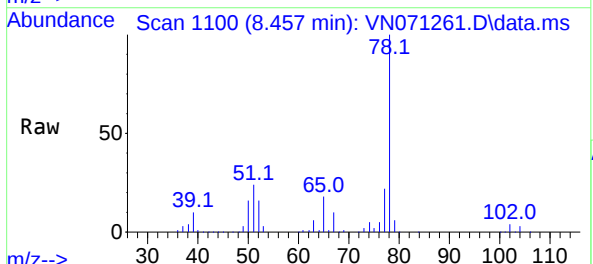
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#40
Benzene
Concen: 17.394 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

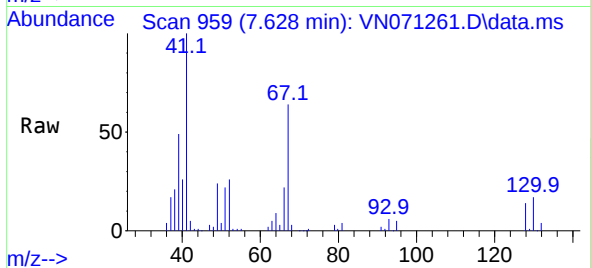
Tgt Ion: 78 Resp: 521523
Ion Ratio Lower Upper
78 100
77 22.3 18.6 27.8





#41
Methacrylonitrile
Concen: 19.243 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

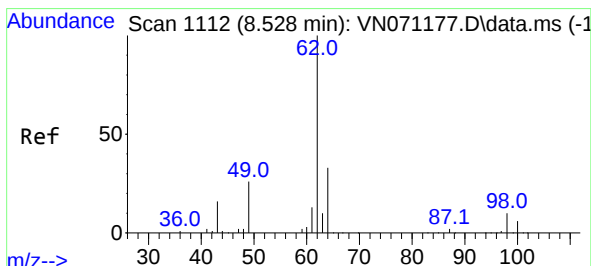
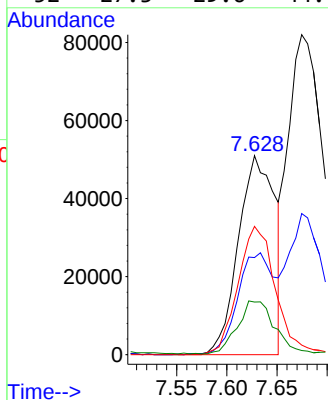
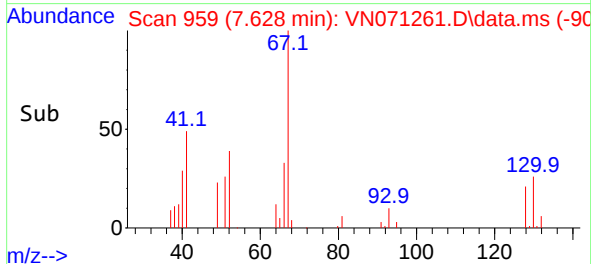
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



Tgt Ion: 41 Resp: 128978
Ion Ratio Lower Upper
41 100
39 52.1 48.1 72.1
67 67.1 68.3 102.5
52 27.3 29.6 44.4#

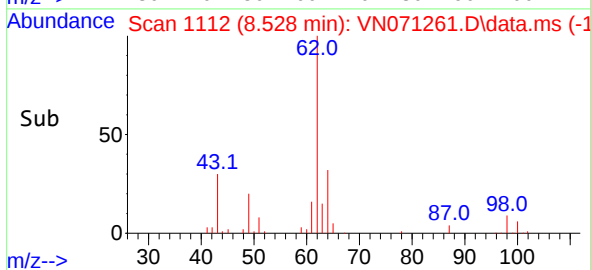
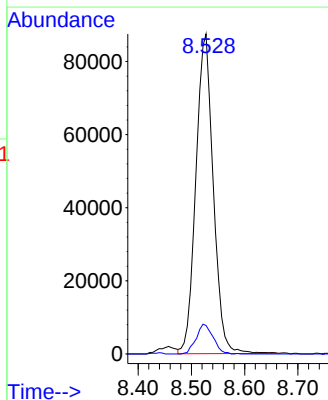
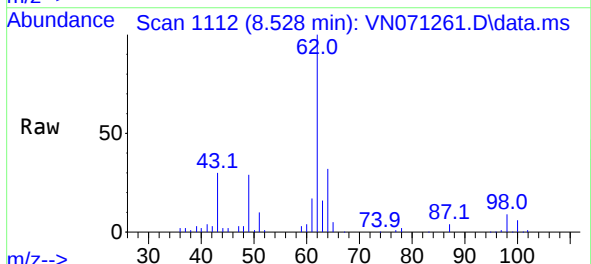
Manual Integrations
APPROVED

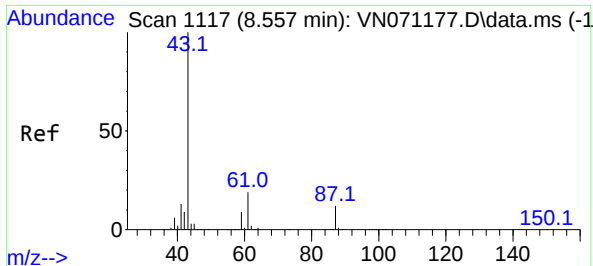
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#42
1,2-Dichloroethane
Concen: 19.010 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

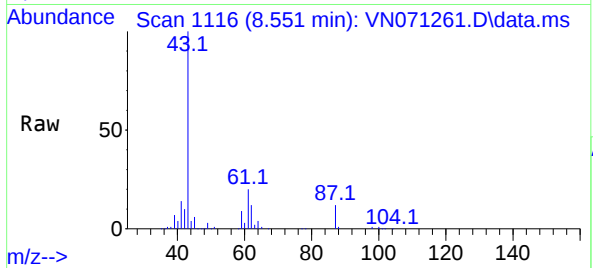
Tgt Ion: 62 Resp: 198344
Ion Ratio Lower Upper
62 100
98 9.0 0.0 17.6





#43
Isopropyl Acetate
Concen: 19.186 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

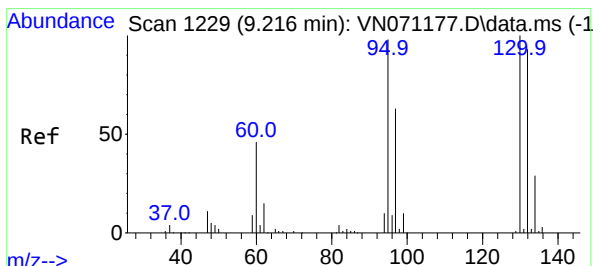
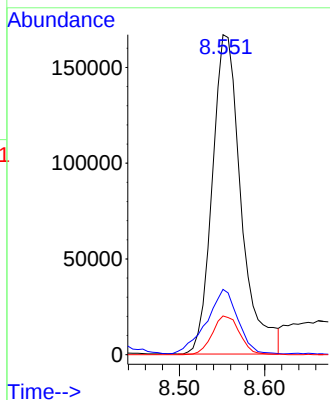
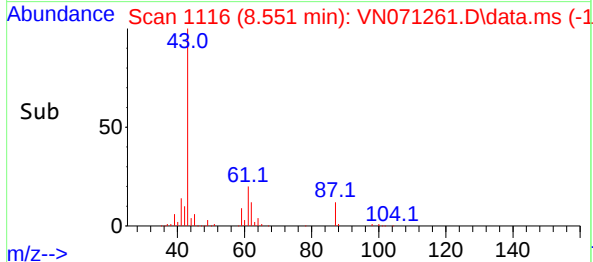
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



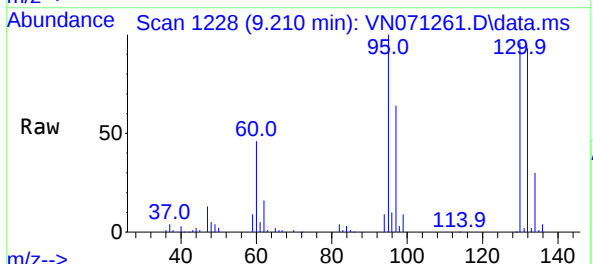
Tgt Ion: 43 Resp: 392954
Ion Ratio Lower Upper
43 100
61 22.2 20.4 30.6
87 11.5 11.2 16.8

Manual Integrations
APPROVED

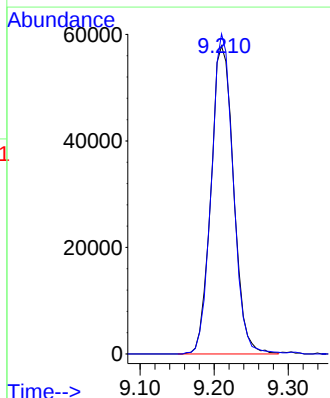
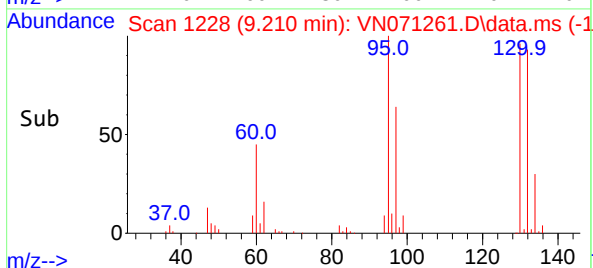
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

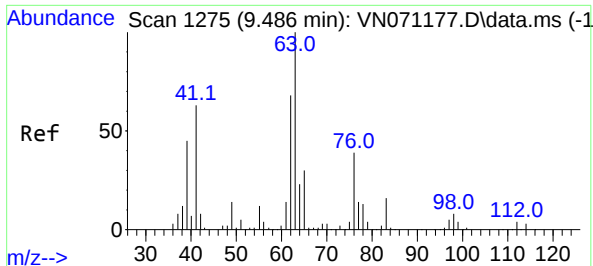


#44
Trichloroethene
Concen: 17.357 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14



Tgt Ion:130 Resp: 122793
Ion Ratio Lower Upper
130 100
95 103.9 0.0 191.2





#45

1,2-Dichloropropane

Concen: 17.686 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN071261.D

Acq: 14 Mar 2022 13:14

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS02

Tgt Ion: 63 Resp: 142350

Ion Ratio Lower Upper

63 100

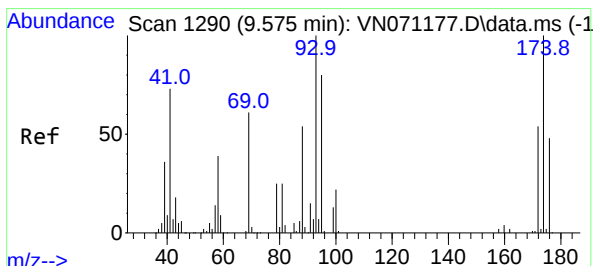
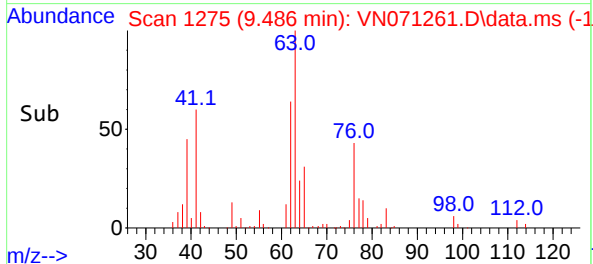
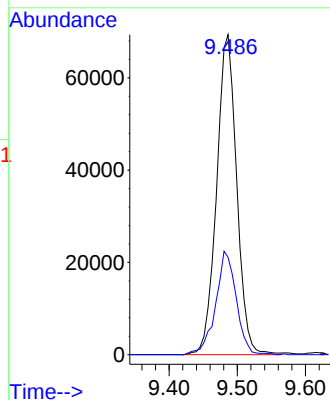
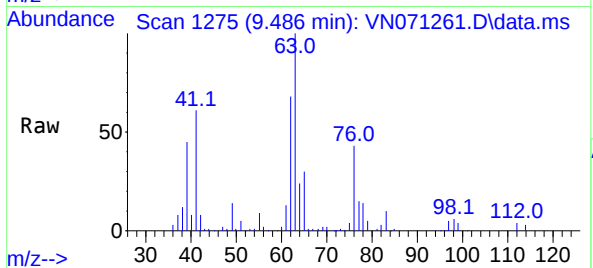
65 30.4 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2022

Supervised By :Mahesh Dadoda 03/15/2022



#46

Dibromomethane

Concen: 18.223 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.006 min

Lab File: VN071261.D

Acq: 14 Mar 2022 13:14

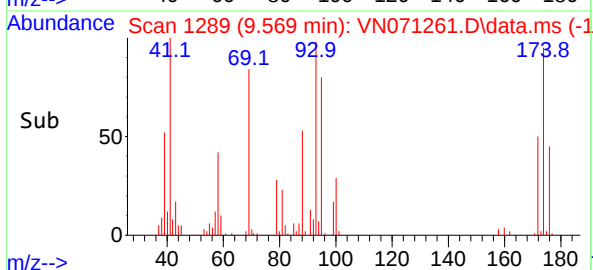
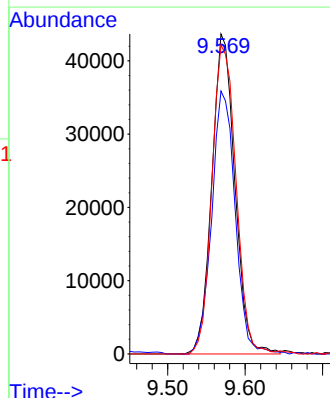
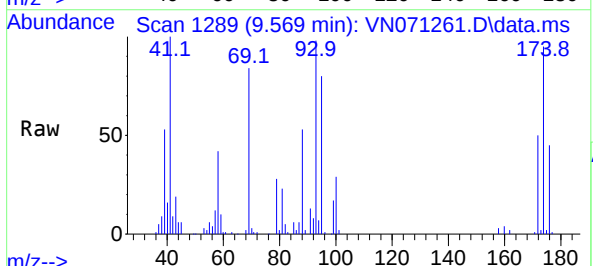
Tgt Ion: 93 Resp: 90277

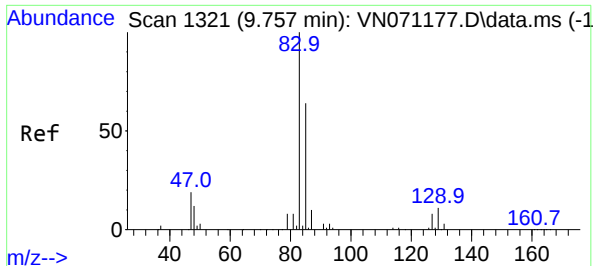
Ion Ratio Lower Upper

93 100

95 83.8 65.9 98.9

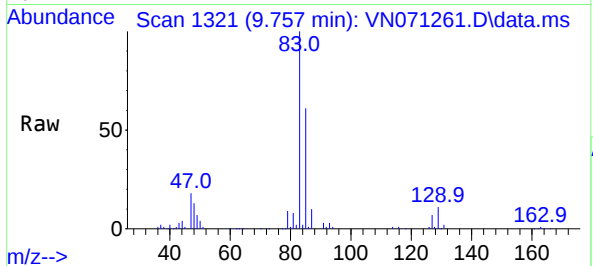
174 100.7 84.6 127.0





#47
Bromodichloromethane
Concen: 18.326 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

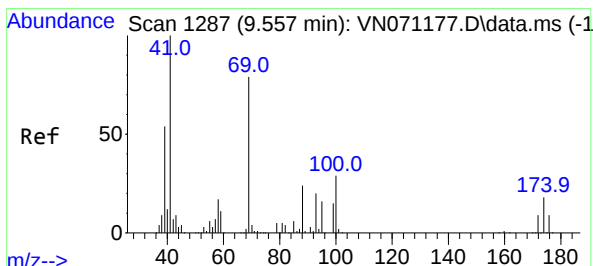
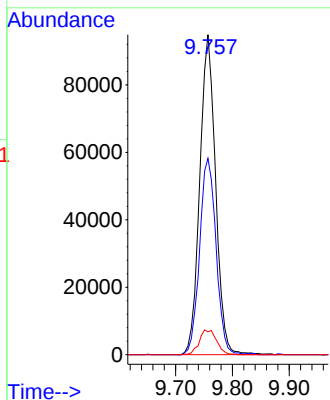
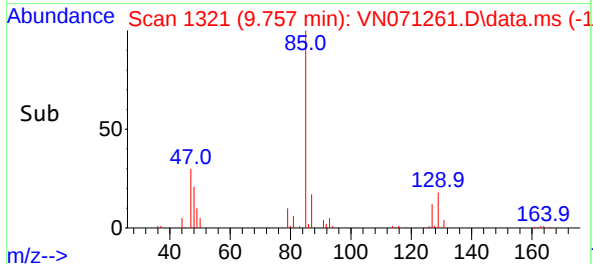
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



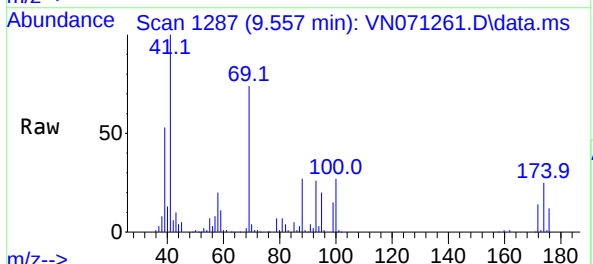
Tgt Ion: 83 Resp: 183470
Ion Ratio Lower Upper
83 100
85 61.4 50.9 76.3
127 7.2 7.1 10.7

Manual Integrations
APPROVED

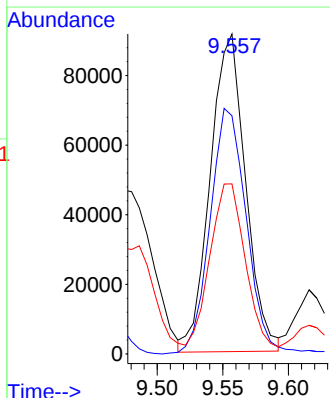
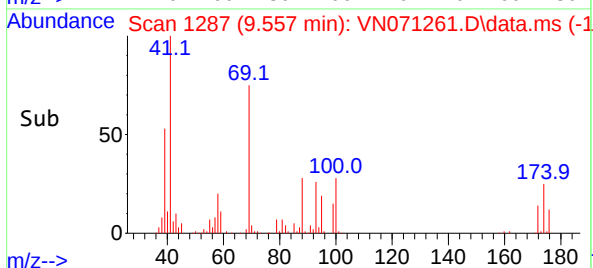
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

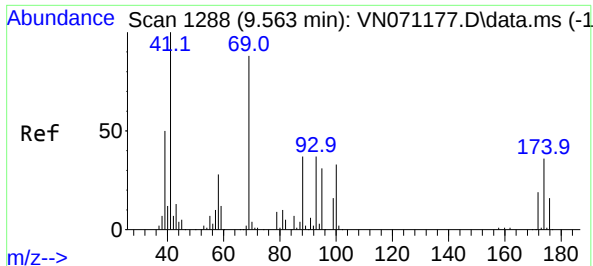


#48
Methyl methacrylate
Concen: 18.033 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14



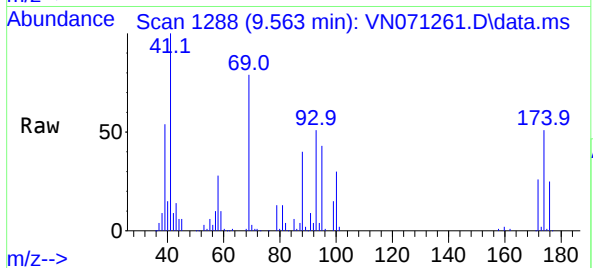
Tgt Ion: 41 Resp: 171151
Ion Ratio Lower Upper
41 100
69 80.2 72.4 108.6
39 54.4 58.4 87.6#





#49
1,4-Dioxane
Concen: 353.793 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

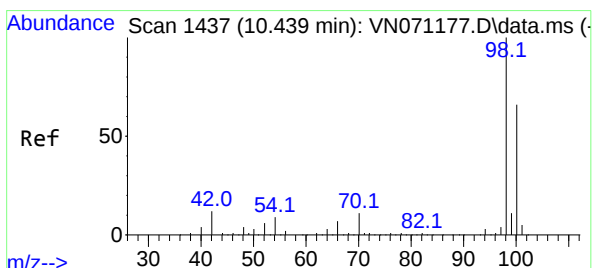
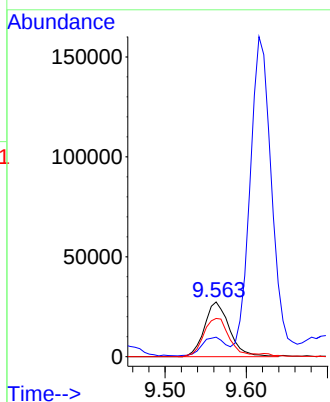
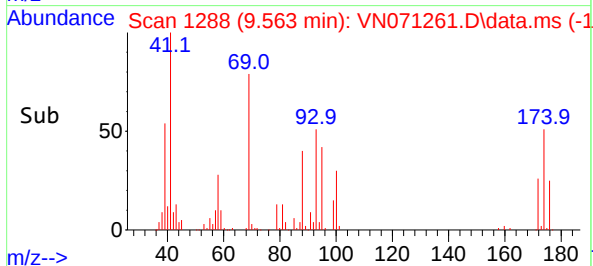
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



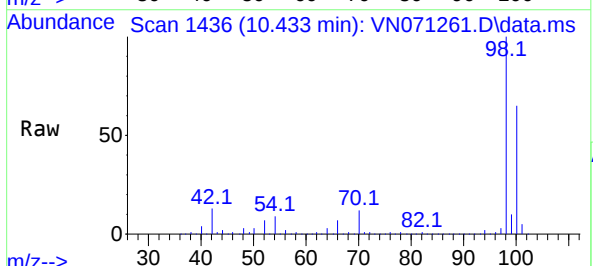
Tgt Ion: 88 Resp: 58368
Ion Ratio Lower Upper
88 100
43 32.6 23.4 35.2
58 73.1 50.6 75.8

Manual Integrations
APPROVED

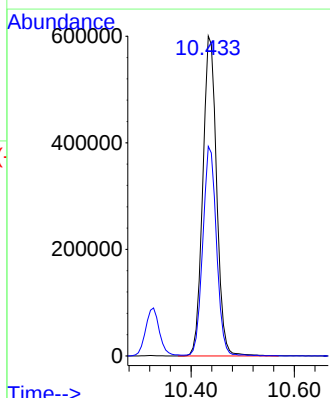
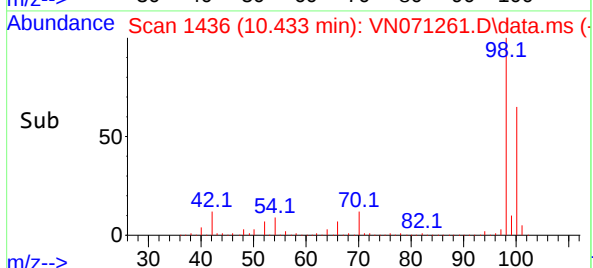
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

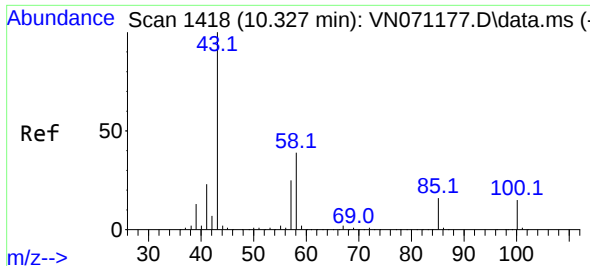


#50
Toluene-d8
Concen: 44.544 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14



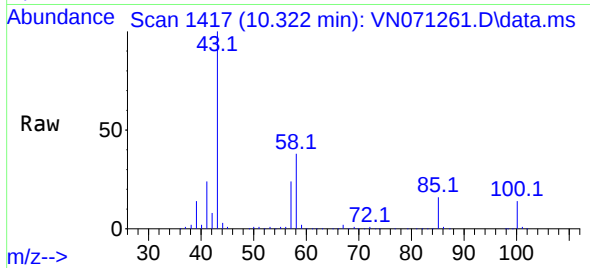
Tgt Ion: 98 Resp: 1113957
Ion Ratio Lower Upper
98 100
100 65.3 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 89.696 ug/l
RT: 10.322 min Scan# 1418
Delta R.T. -0.005 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

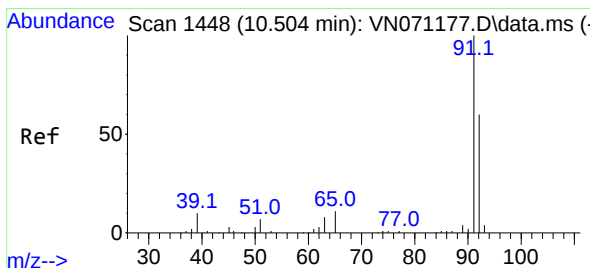
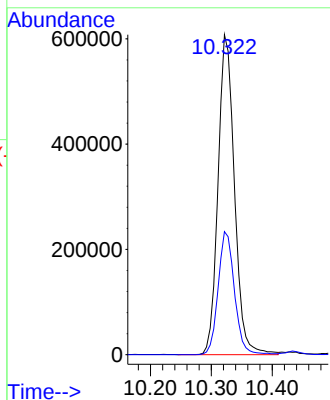
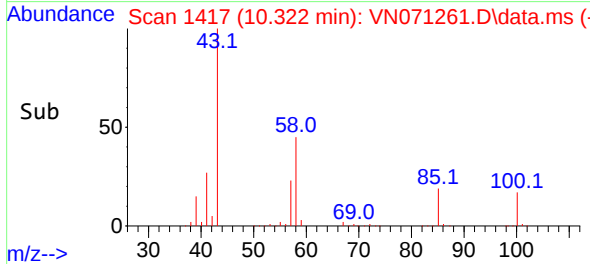
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



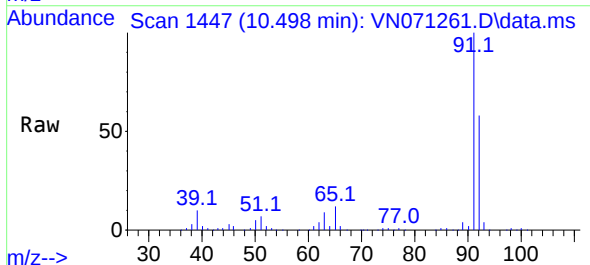
Tgt Ion: 43 Resp: 1140083
Ion Ratio Lower Upper
43 100
58 38.2 30.4 45.6

Manual Integrations
APPROVED

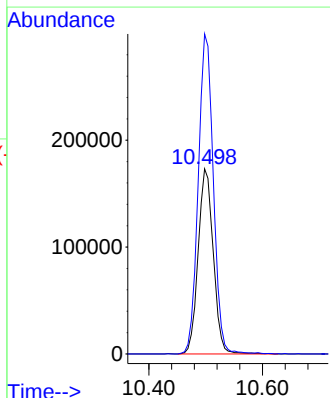
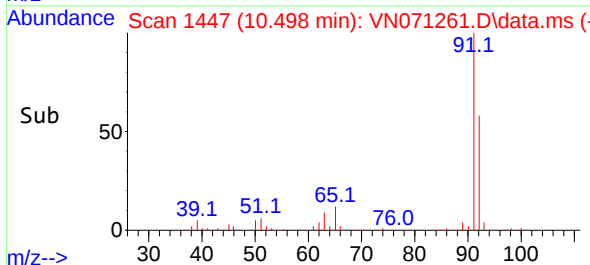
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

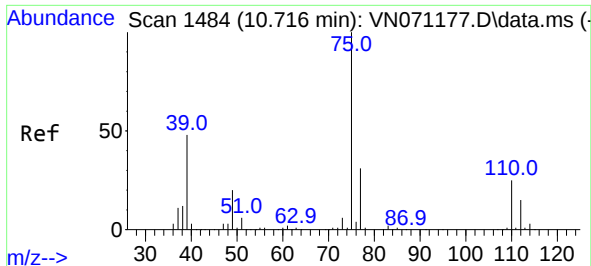


#52
Toluene
Concen: 17.353 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14



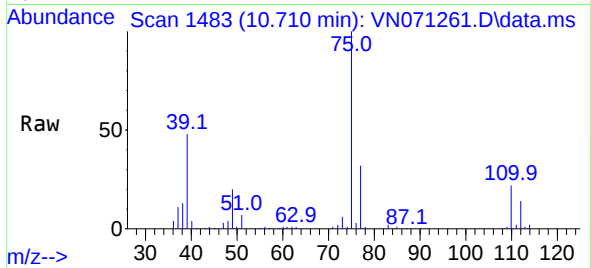
Tgt Ion: 92 Resp: 320390
Ion Ratio Lower Upper
92 100
91 172.3 142.0 213.0





#53
 t-1,3-Dichloropropene
 Concen: 18.221 ug/l
 RT: 10.710 min Scan# 1483
 Delta R.T. -0.006 min
 Lab File: VN071261.D
 Acq: 14 Mar 2022 13:14

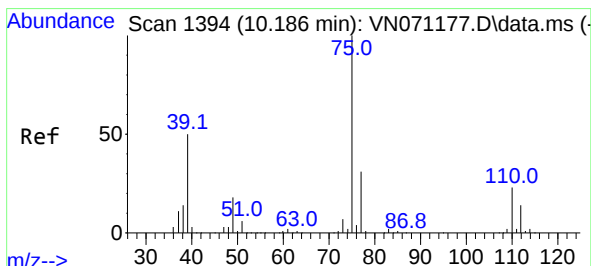
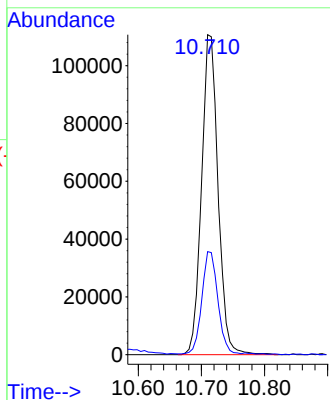
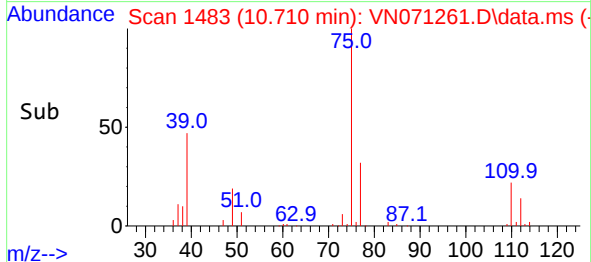
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS02



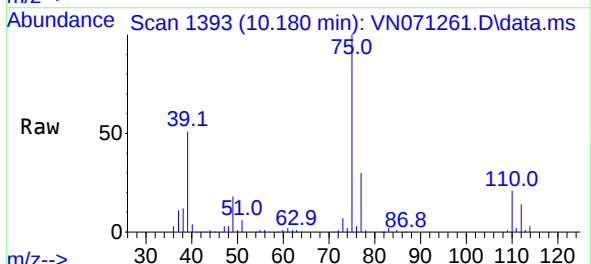
Tgt Ion: 75 Resp: 20108
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.6 38.4

Manual Integrations
 APPROVED

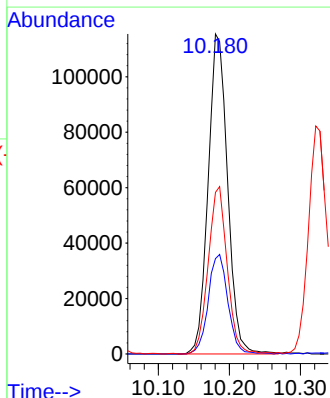
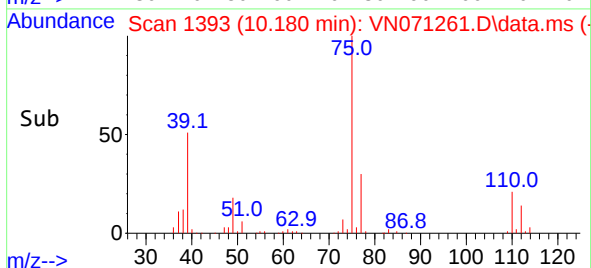
Reviewed By :John Carlone 03/15/2022
 Supervised By :Mahesh Dadoda 03/15/2022

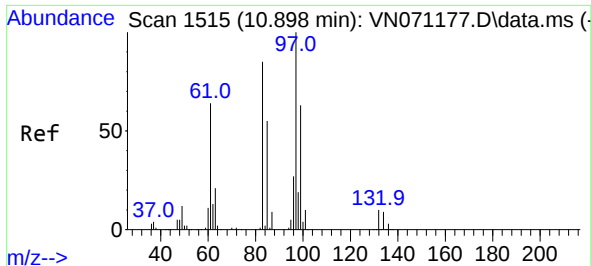


#54
 cis-1,3-Dichloropropene
 Concen: 18.184 ug/l
 RT: 10.180 min Scan# 1393
 Delta R.T. -0.006 min
 Lab File: VN071261.D
 Acq: 14 Mar 2022 13:14



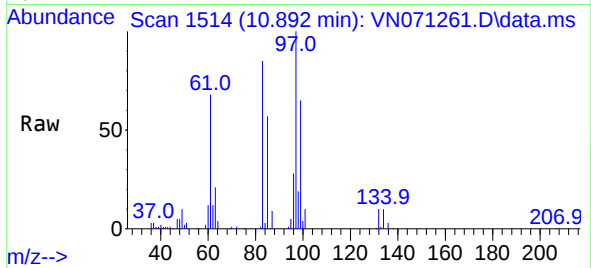
Tgt Ion: 75 Resp: 219269
 Ion Ratio Lower Upper
 75 100
 77 29.8 26.4 39.6
 39 50.5 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 18.104 ug/l
RT: 10.892 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

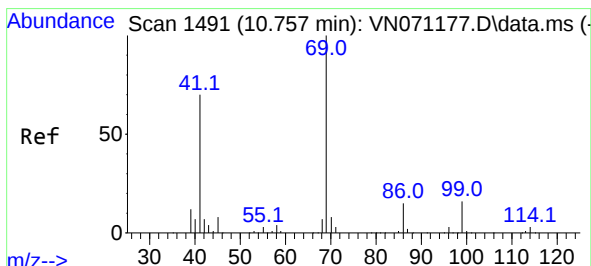
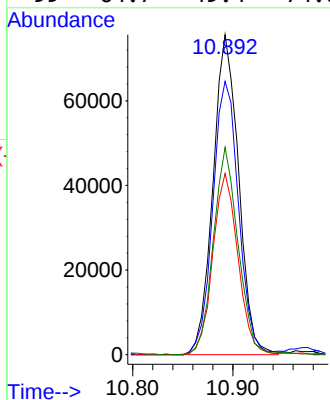
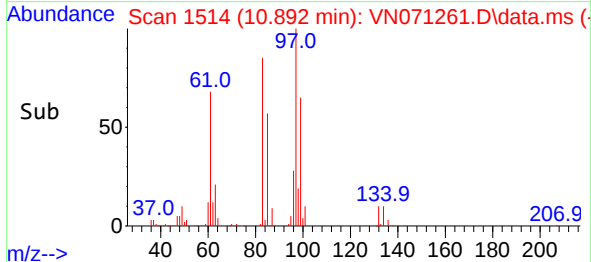
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



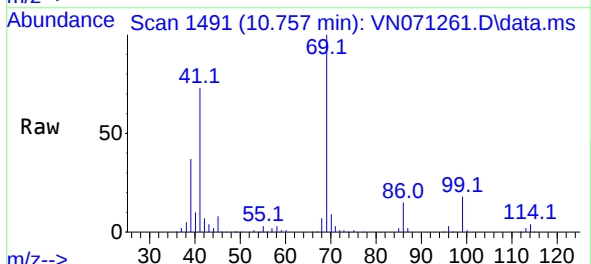
Tgt Ion: 97 Resp: 133939
Ion Ratio Lower Upper
97 100
83 85.4 67.8 101.6
85 56.6 45.4 68.2
99 64.7 49.4 74.0

Manual Integrations
APPROVED

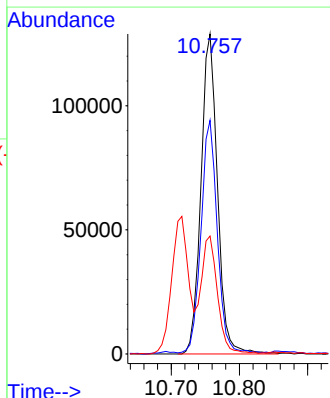
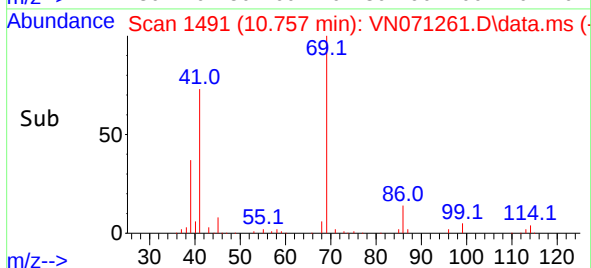
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

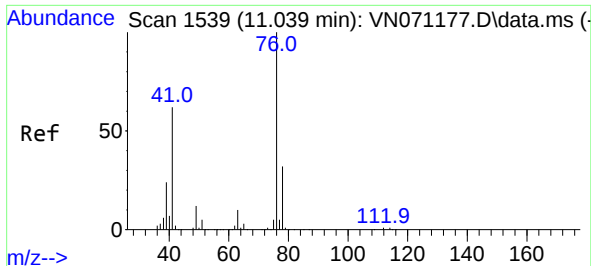


#56
Ethyl methacrylate
Concen: 17.945 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14



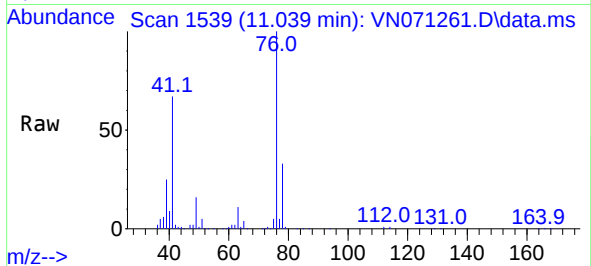
Tgt Ion: 69 Resp: 216810
Ion Ratio Lower Upper
69 100
41 71.3 51.4 77.0
39 36.4 34.6 52.0





#57
1,3-Dichloropropane
Concen: 17.755 ug/l
RT: 11.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

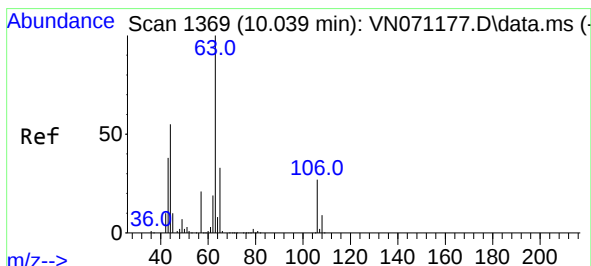
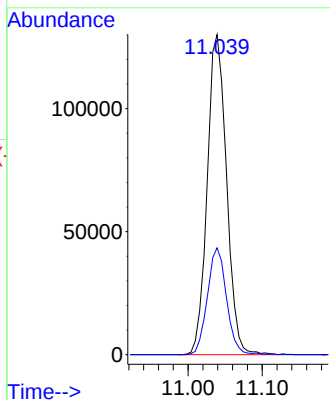
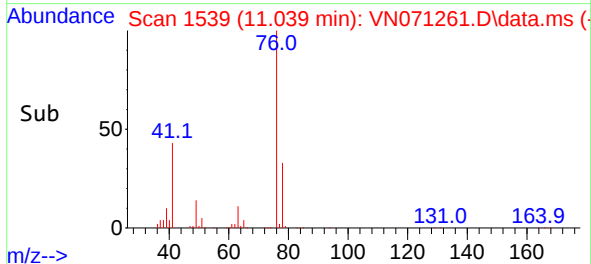
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



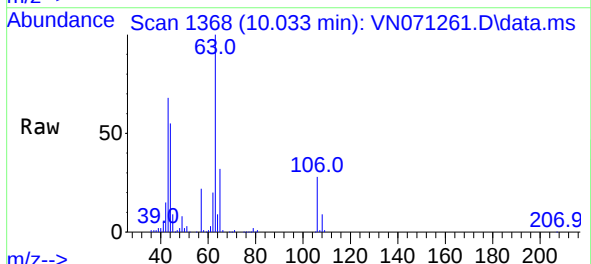
Tgt Ion: 76 Resp: 235780
Ion Ratio Lower Upper
76 100
78 33.1 25.7 38.5

Manual Integrations
APPROVED

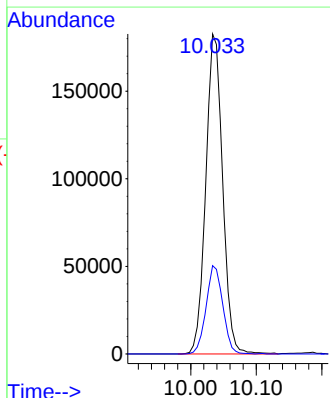
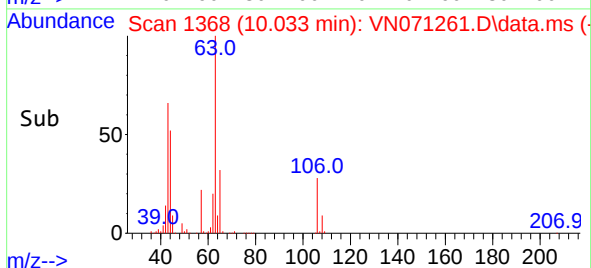
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

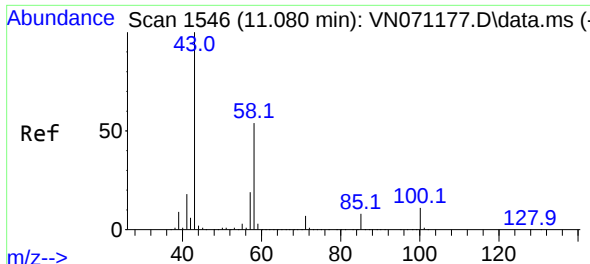


#58
2-Chloroethyl Vinyl ether
Concen: 142.220 ug/l
RT: 10.033 min Scan# 1368
Delta R.T. -0.006 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14



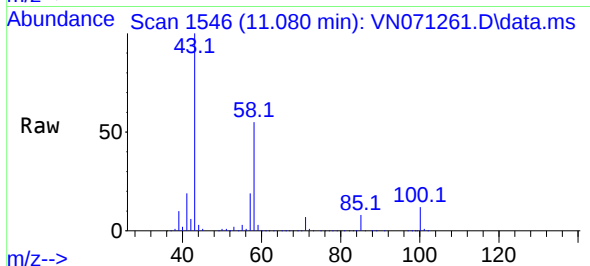
Tgt Ion: 63 Resp: 326689
Ion Ratio Lower Upper
63 100
106 27.3 23.9 35.9





#59
2-Hexanone
Concen: 94.299 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

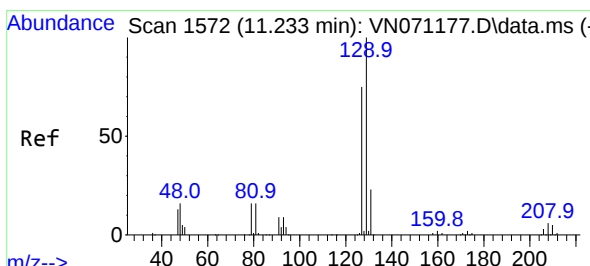
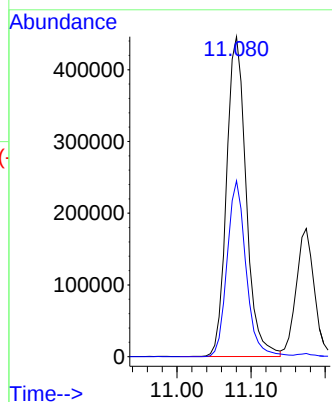
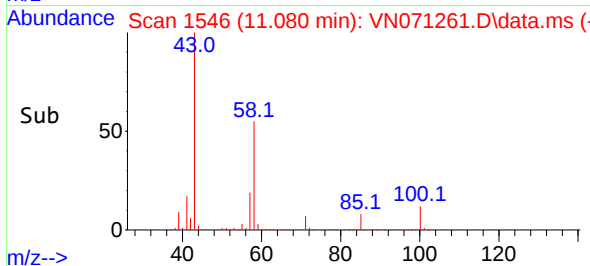
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



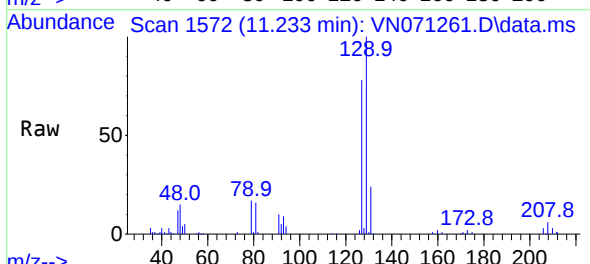
Tgt Ion: 43 Resp: 81781
Ion Ratio Lower Upper
43 100
58 53.2 26.9 80.7

Manual Integrations
APPROVED

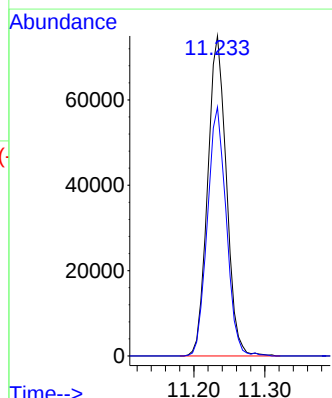
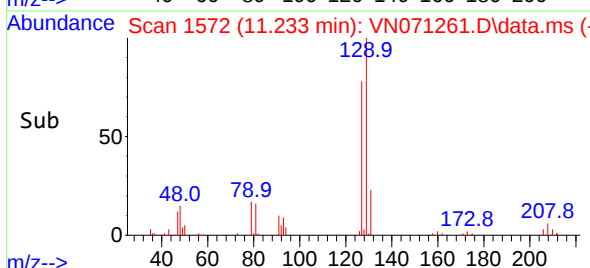
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

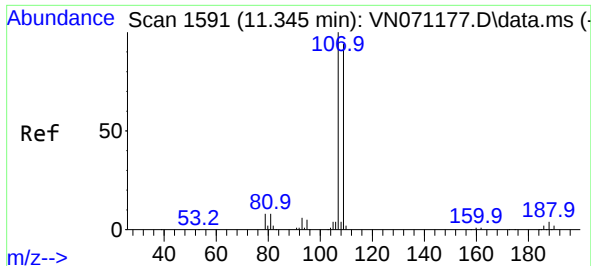


#60
Dibromochloromethane
Concen: 18.688 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14



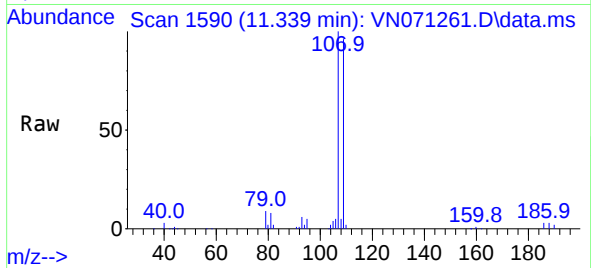
Tgt Ion:129 Resp: 137374
Ion Ratio Lower Upper
129 100
127 78.4 38.6 116.0





#61
1,2-Dibromoethane
Concen: 17.769 ug/l
RT: 11.339 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

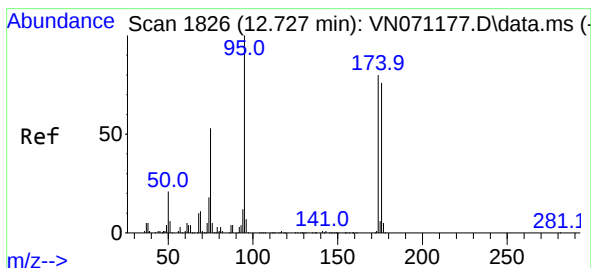
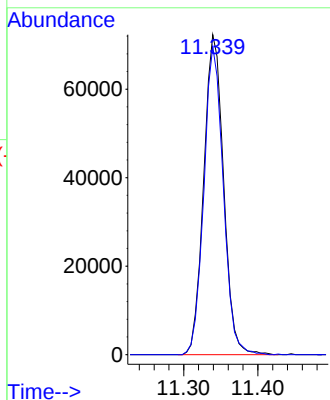
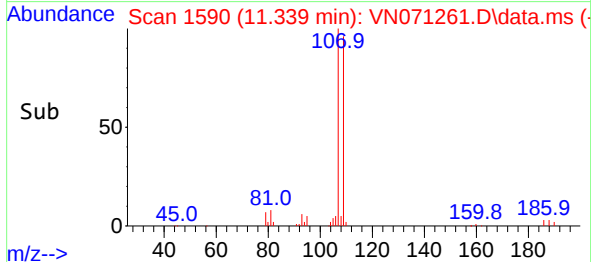
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



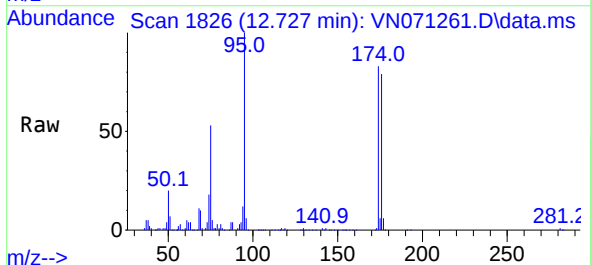
Tgt Ion:107 Resp: 13436
Ion Ratio Lower Upper
107 100
109 94.5 75.7 113.5

Manual Integrations
APPROVED

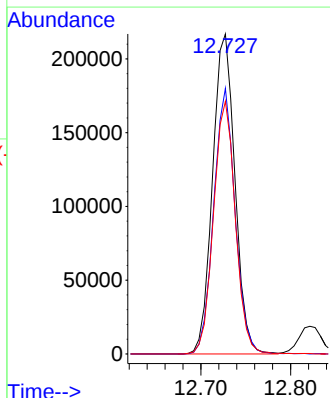
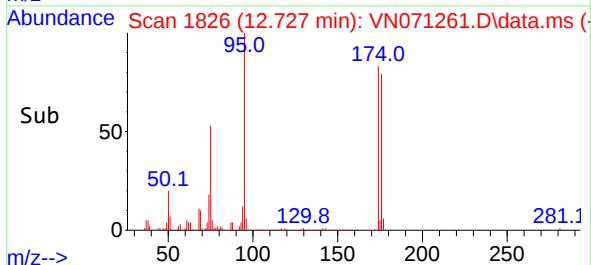
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

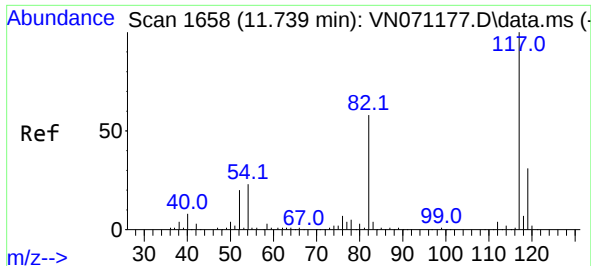


#62
4-Bromofluorobenzene
Concen: 44.269 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14



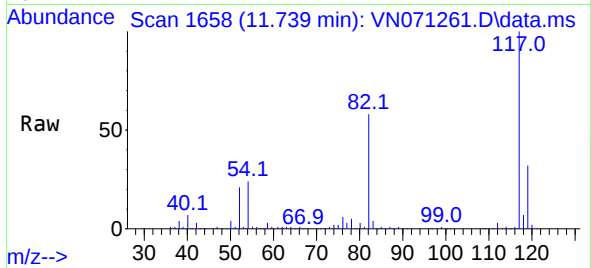
Tgt Ion: 95 Resp: 374883
Ion Ratio Lower Upper
95 100
174 79.8 0.0 187.2
176 77.2 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

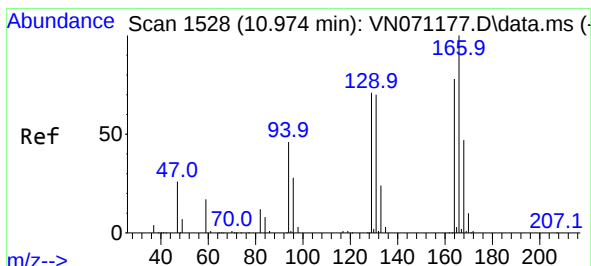
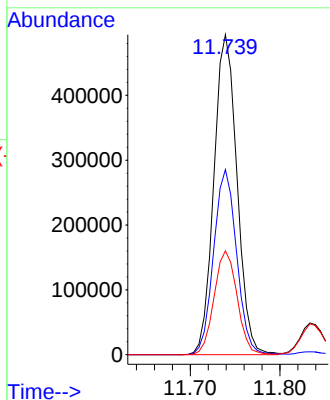
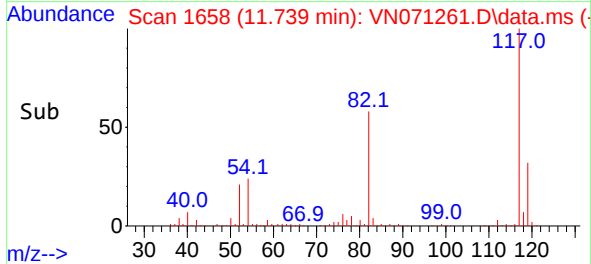
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



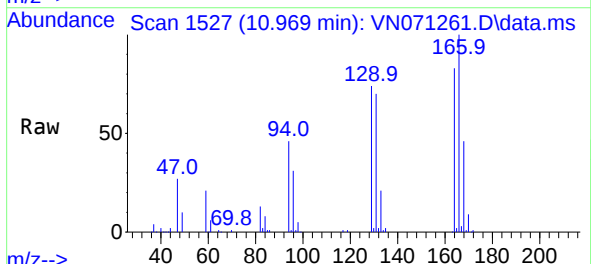
Tgt Ion:117 Resp: 884370
Ion Ratio Lower Upper
117 100
82 57.9 42.4 63.6
119 32.4 25.4 38.2

Manual Integrations
APPROVED

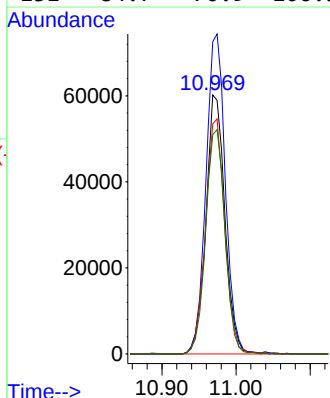
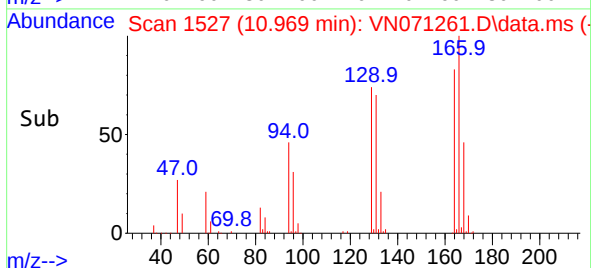
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#64
Tetrachloroethene
Concen: 17.424 ug/l
RT: 10.969 min Scan# 1527
Delta R.T. -0.005 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14



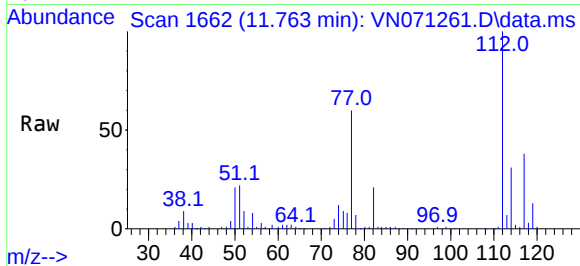
Tgt Ion:164 Resp: 107472
Ion Ratio Lower Upper
164 100
166 120.5 101.9 152.9
129 88.8 72.0 108.0
131 84.7 70.9 106.3





#65
Chlorobenzene
Concen: 17.646 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

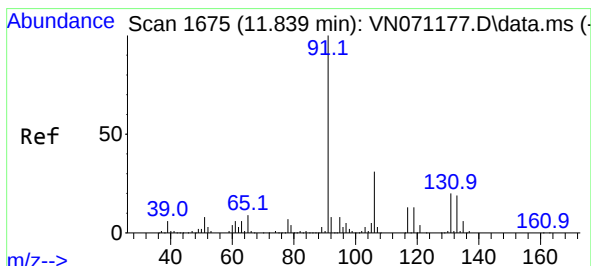
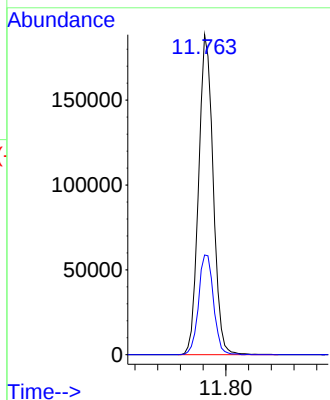
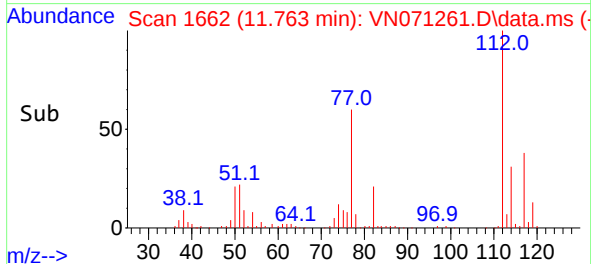
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



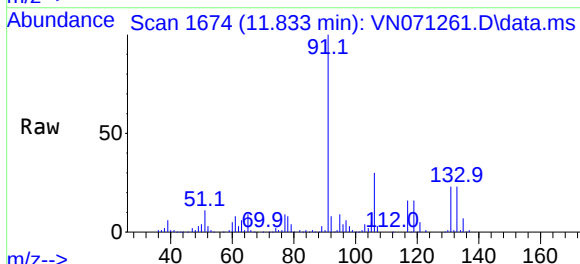
Tgt Ion:112 Resp: 335136
Ion Ratio Lower Upper
112 100
114 31.2 25.4 38.0

Manual Integrations
APPROVED

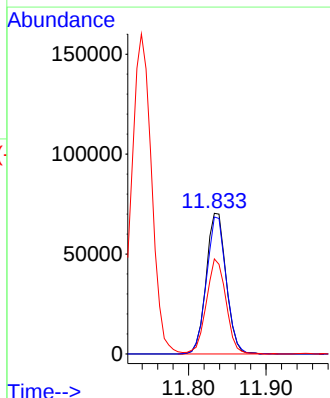
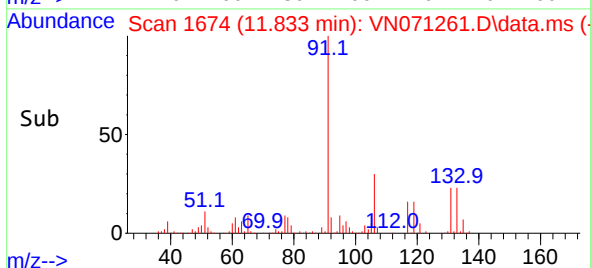
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

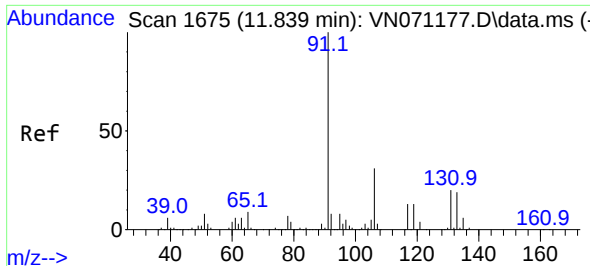


#66
1,1,1,2-Tetrachloroethane
Concen: 18.052 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14



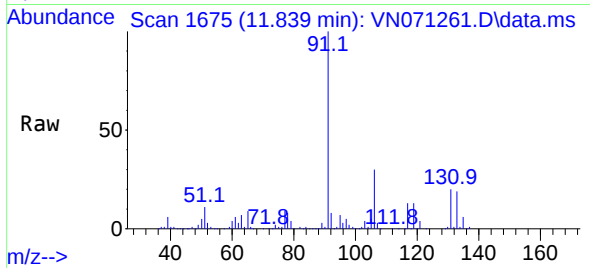
Tgt Ion:131 Resp: 125714
Ion Ratio Lower Upper
131 100
133 96.9 47.9 143.7
119 66.7 32.1 96.5





#67
Ethyl Benzene
Concen: 17.662 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

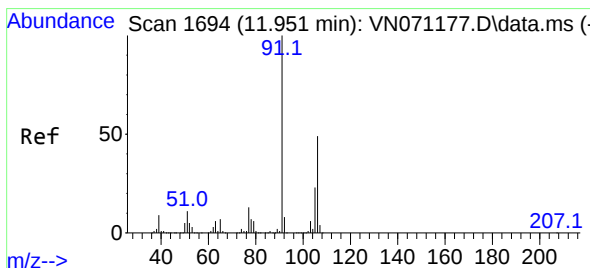
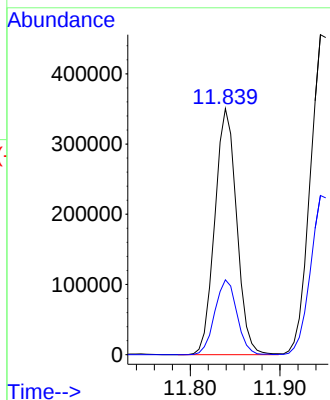
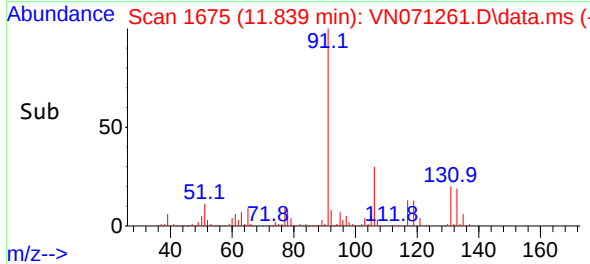
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



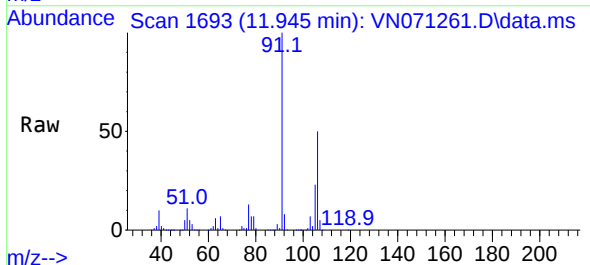
Tgt Ion: 91 Resp: 59309
Ion Ratio Lower Upper
91 100
106 30.4 25.7 38.5

Manual Integrations
APPROVED

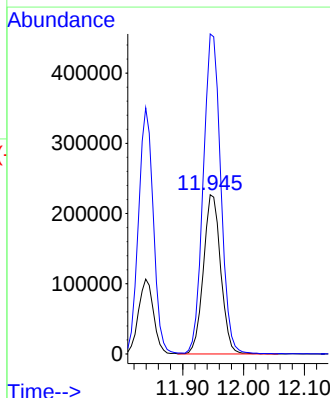
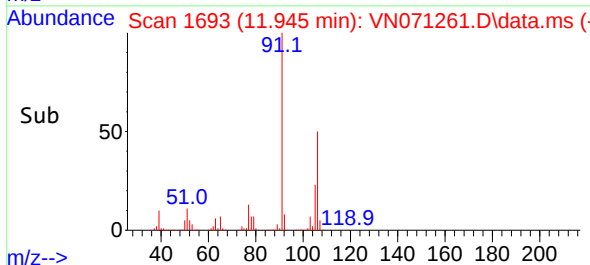
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#68
m/p-Xylenes
Concen: 36.412 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14



Tgt Ion:106 Resp: 447312
Ion Ratio Lower Upper
106 100
91 203.6 160.6 240.8





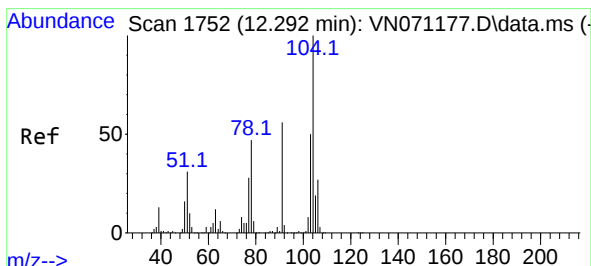
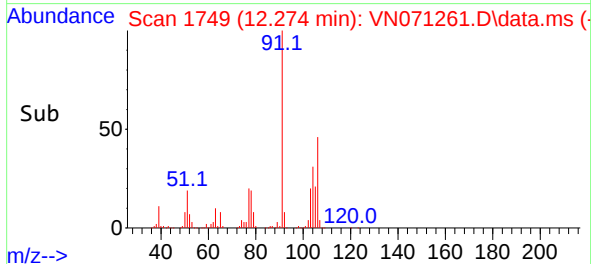
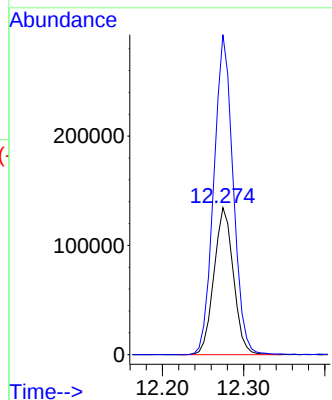
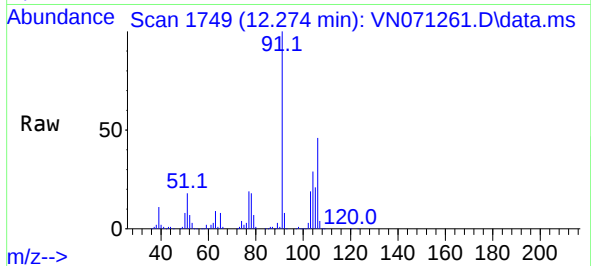
#69
o-Xylene
Concen: 18.184 ug/l
RT: 12.274 min Scan# 1750
Delta R.T. -0.006 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02

Tgt Ion:106 Resp: 223928
Ion Ratio Lower Upper
106 100
91 216.9 105.8 317.3

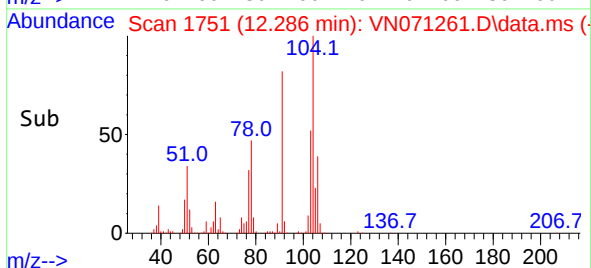
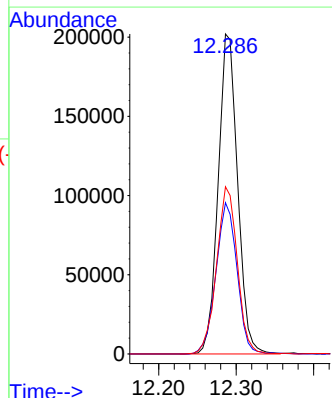
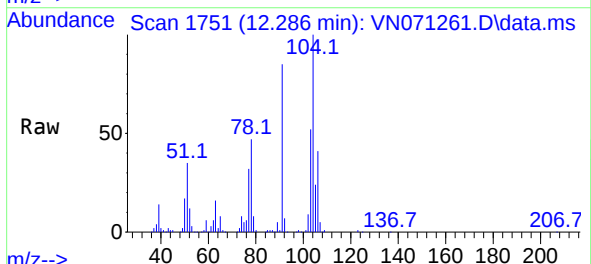
Manual Integrations
APPROVED

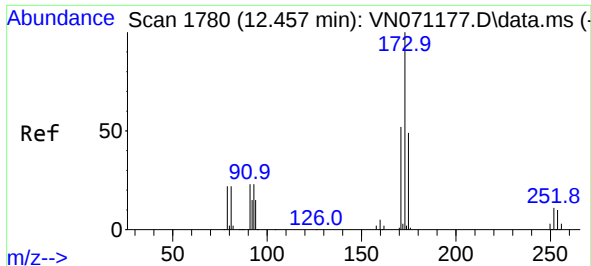
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#70
Styrene
Concen: 18.454 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

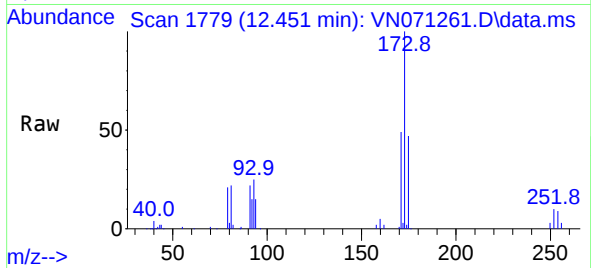
Tgt Ion:104 Resp: 351772
Ion Ratio Lower Upper
104 100
78 51.3 38.7 58.1
103 55.8 45.0 67.6





#71
Bromoform
Concen: 19.291 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.006 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

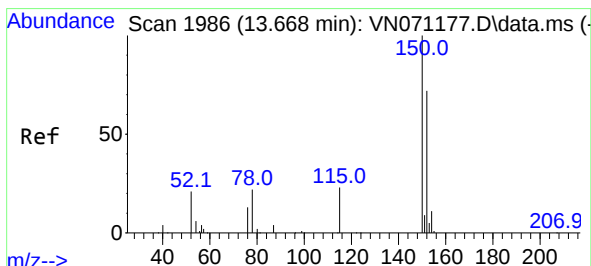
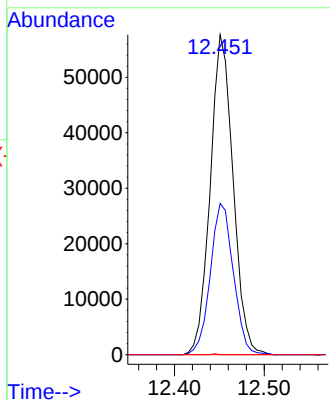
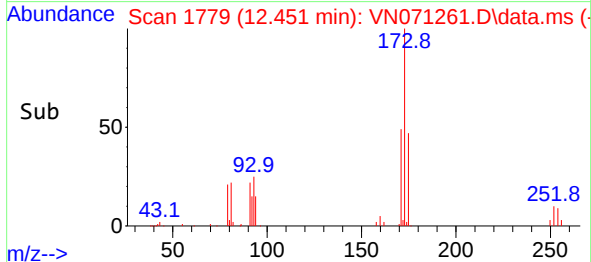
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



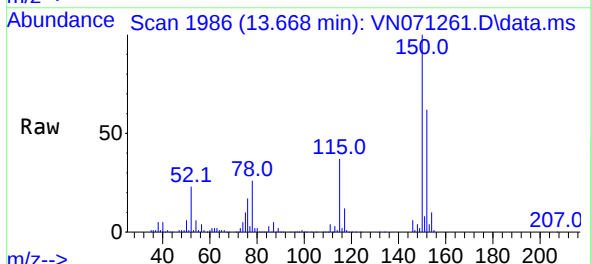
Tgt Ion:173 Resp: 102023
Ion Ratio Lower Upper
173 100
175 47.6 24.2 72.6
254 0.1 0.0 0.0

Manual Integrations
APPROVED

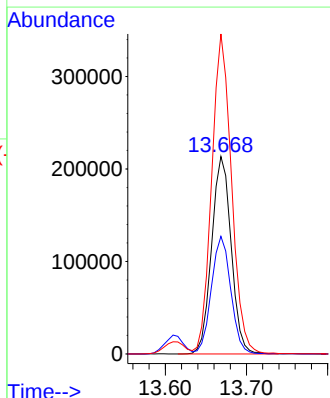
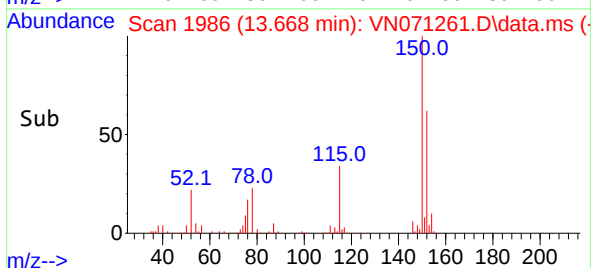
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

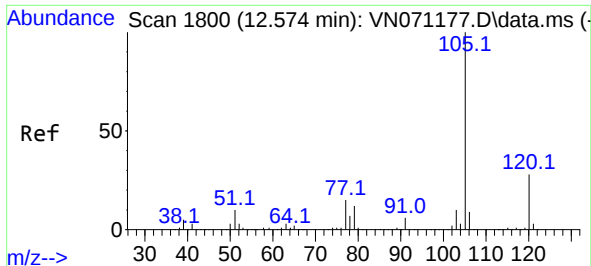


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14



Tgt Ion:152 Resp: 357289
Ion Ratio Lower Upper
152 100
115 58.9 27.5 82.5
150 164.8 0.0 344.4





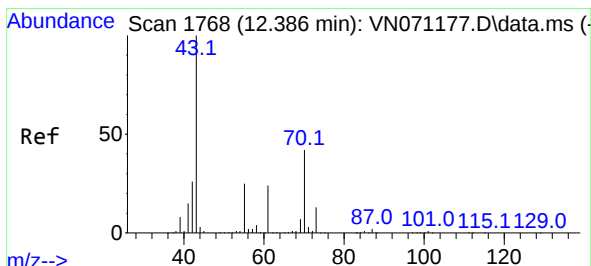
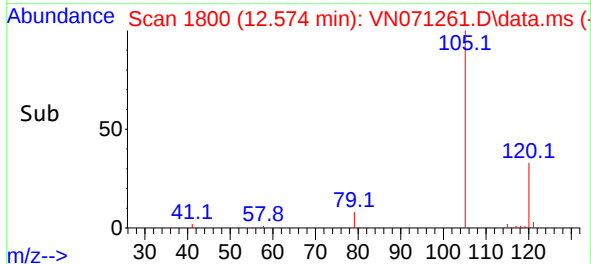
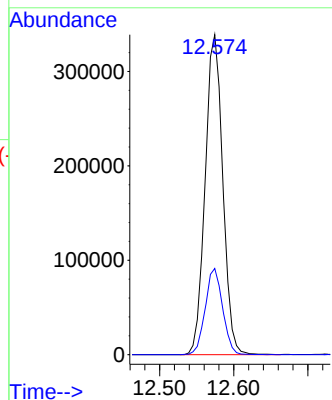
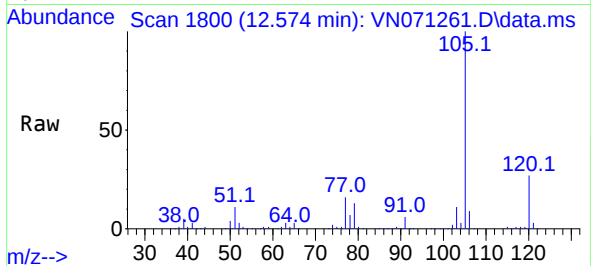
#73
Isopropylbenzene
Concen: 16.260 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02

Tgt Ion:105 Resp: 560029
Ion Ratio Lower Upper
105 100
120 26.6 13.4 40.1

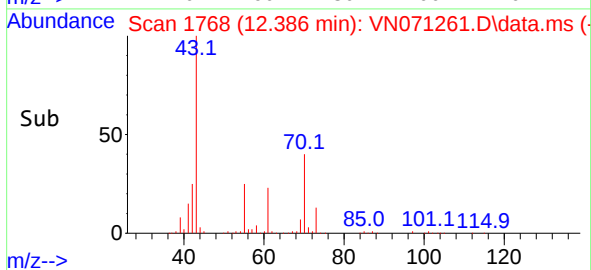
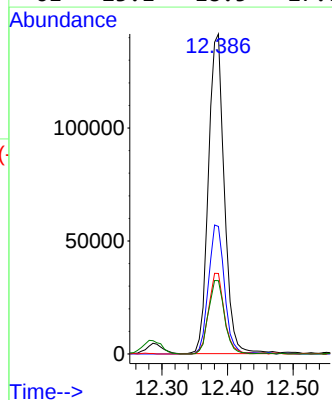
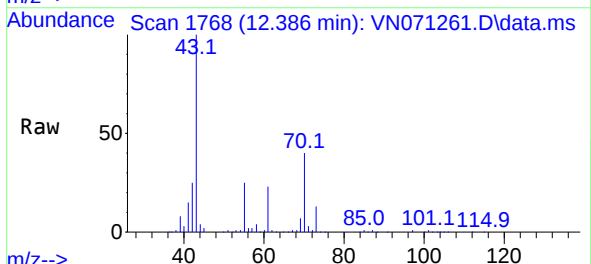
Manual Integrations
APPROVED

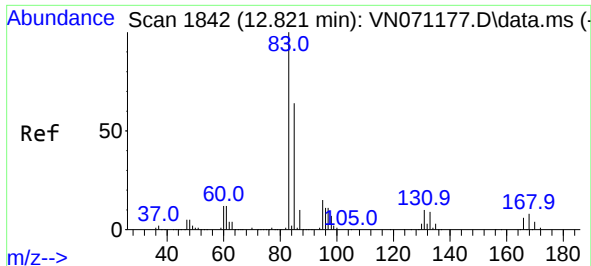
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#74
N-ethyl acetate
Concen: 18.423 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

Tgt Ion: 43 Resp: 238584
Ion Ratio Lower Upper
43 100
70 40.6 33.4 50.0
55 25.0 19.3 28.9
61 23.1 18.5 27.7





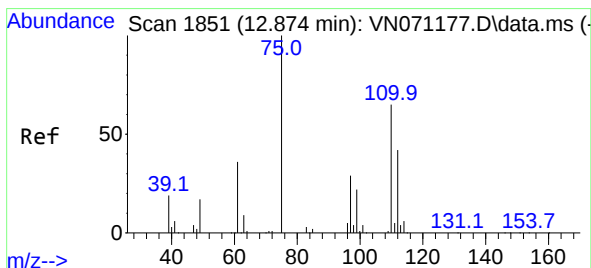
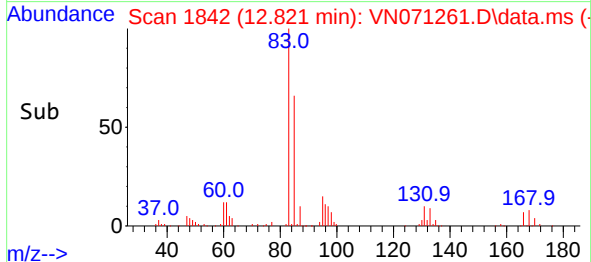
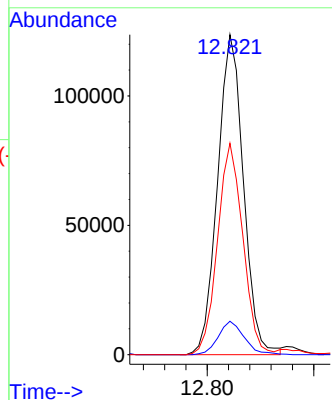
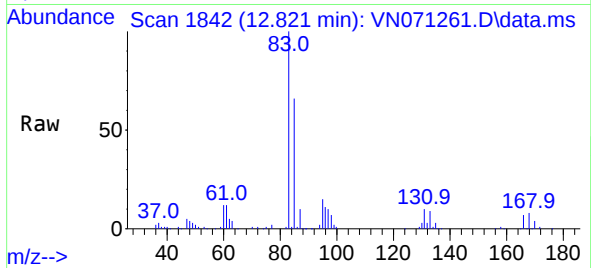
#75
1,1,2,2-Tetrachloroethane
Concen: 18.771 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02

Tgt Ion: 83 Resp: 20849
Ion Ratio Lower Upper
83 100
131 10.5 5.5 16.5
85 64.5 32.4 97.2

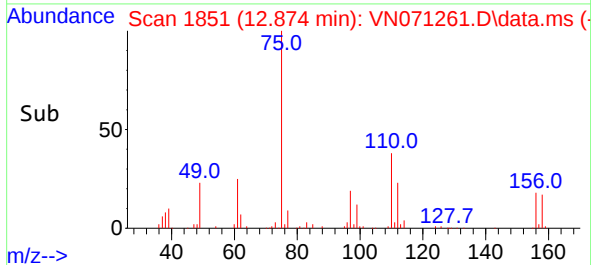
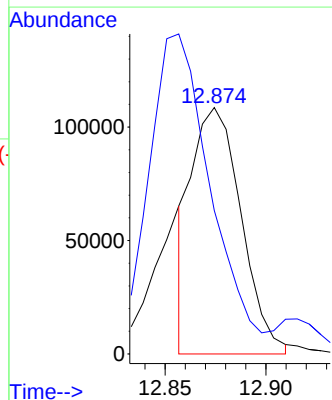
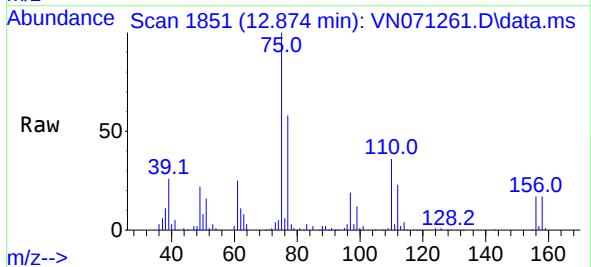
Manual Integrations
APPROVED

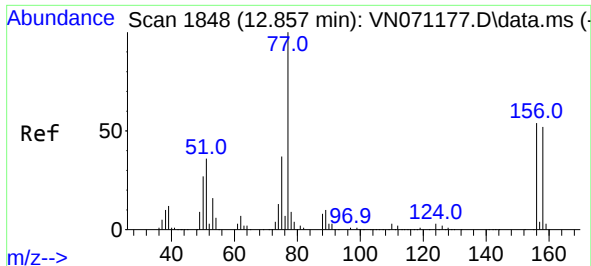
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#76
1,2,3-Trichloropropane
Concen: 19.668 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

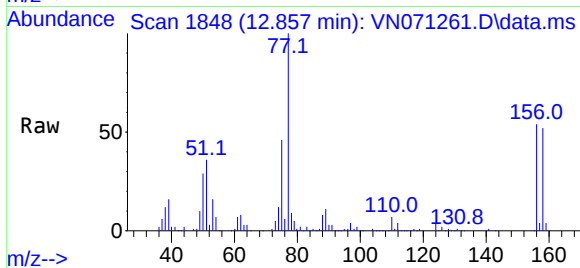
Tgt Ion: 75 Resp: 185137
Ion Ratio Lower Upper
75 100
77 163.1 82.6 247.8





#77
Bromobenzene
Concen: 17.080 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

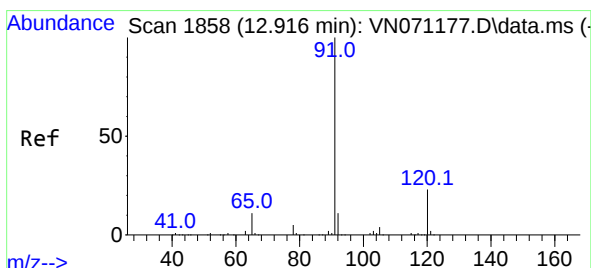
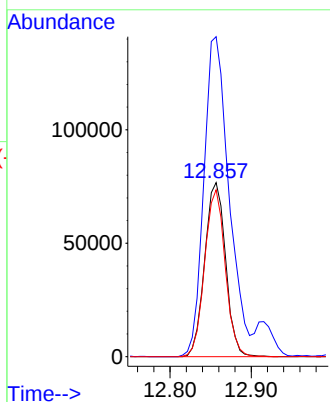
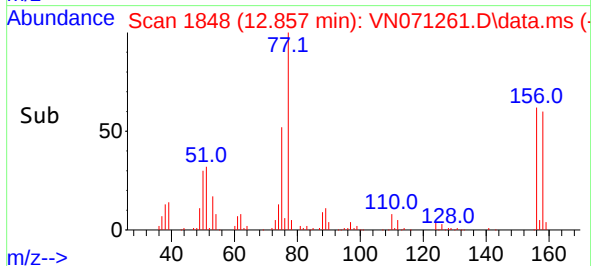
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



Tgt Ion:156 Resp: 13717
Ion Ratio Lower Upper
156 100
77 220.1 90.6 271.8
158 94.6 48.9 146.7

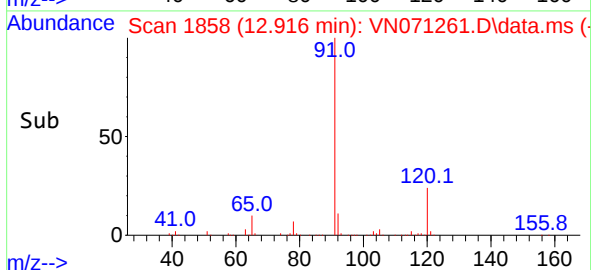
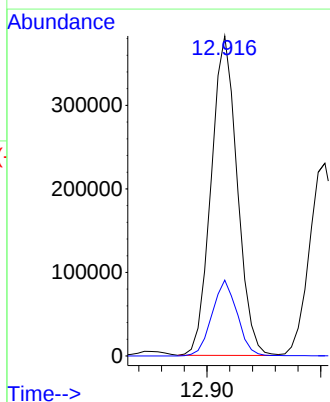
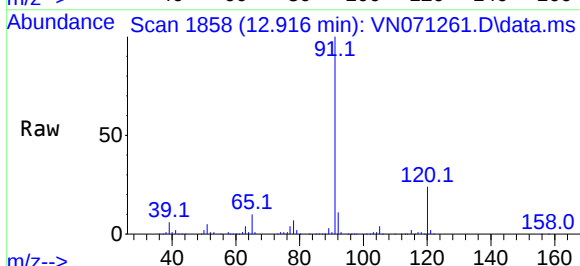
Manual Integrations
APPROVED

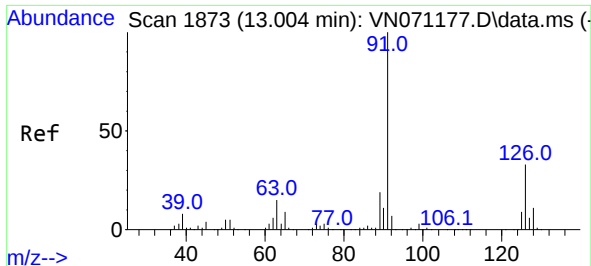
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#78
n-propylbenzene
Concen: 16.498 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

Tgt Ion: 91 Resp: 609761
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.9





#79
2-Chlorotoluene
Concen: 16.627 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

Instrument :

MSVOA_N

ClientSampleId :

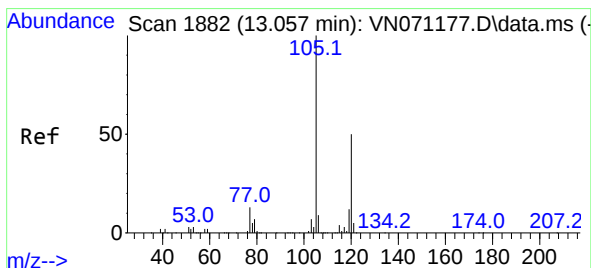
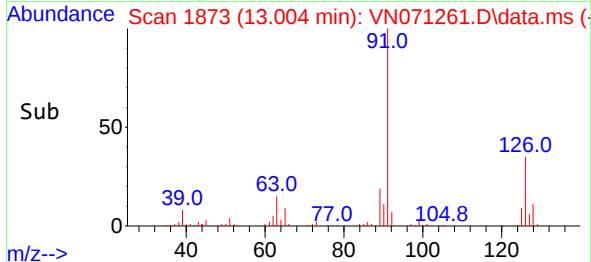
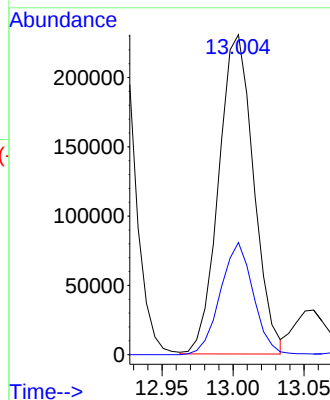
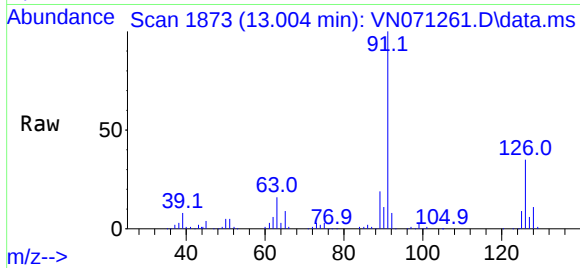
VN0314WBS02

Tgt Ion: 91 Resp: 39447
Ion Ratio Lower Upper
91 100
126 33.2 18.3 54.8

Manual Integrations

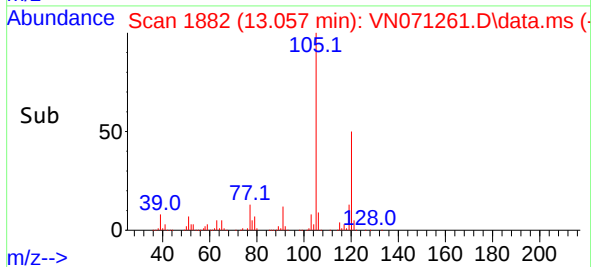
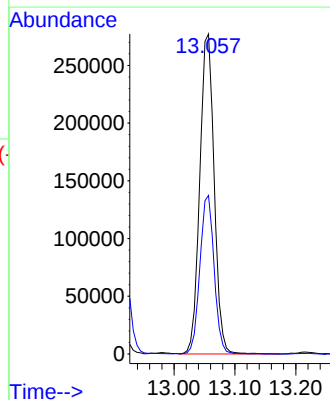
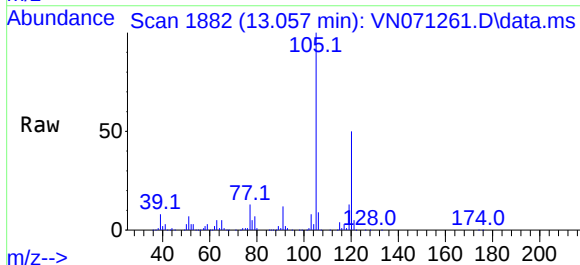
APPROVED

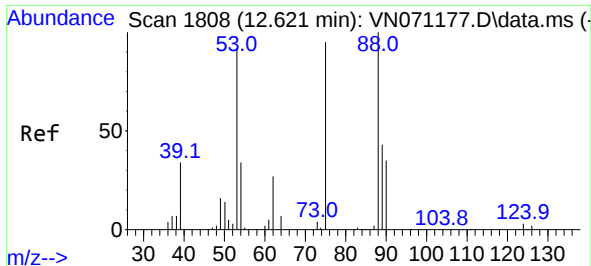
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#80
1,3,5-Trimethylbenzene
Concen: 16.973 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

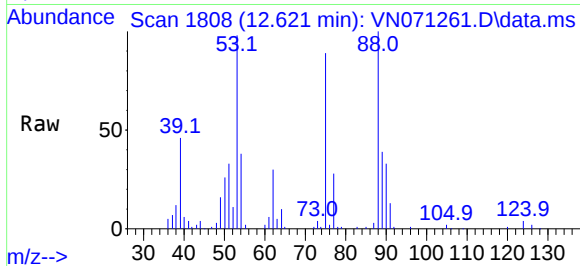
Tgt Ion:105 Resp: 454808
Ion Ratio Lower Upper
105 100
120 48.8 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 18.631 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

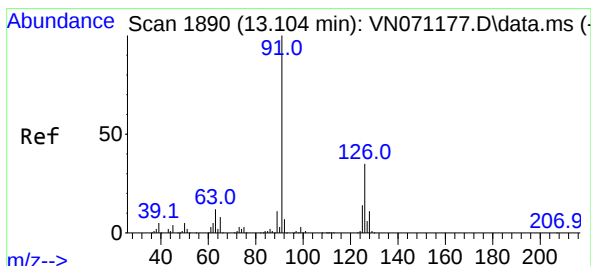
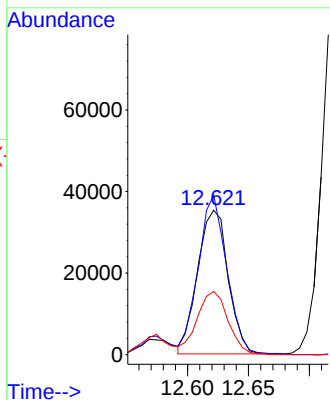
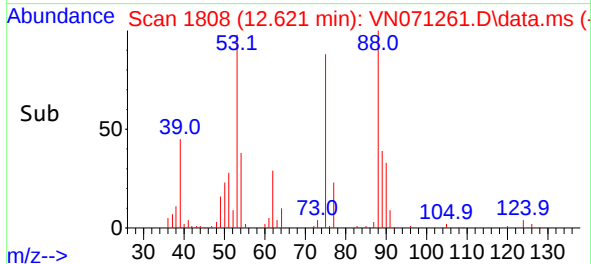
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



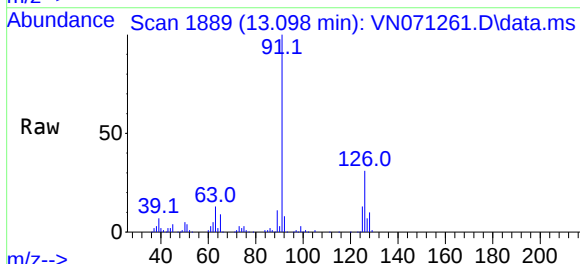
Tgt Ion: 75 Resp: 61580
Ion Ratio Lower Upper
75 100
53 103.9 90.5 135.7
89 44.5 38.2 57.4

Manual Integrations
APPROVED

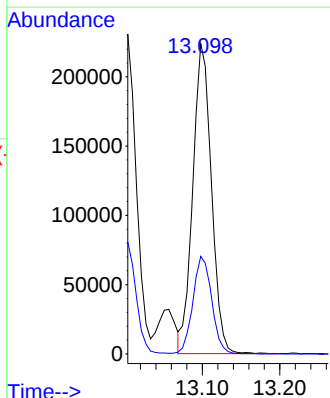
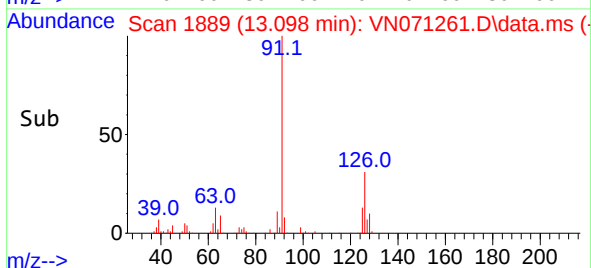
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

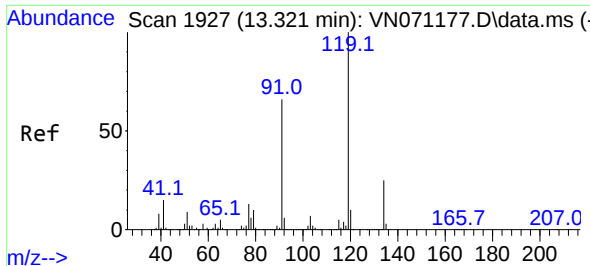


#82
4-Chlorotoluene
Concen: 17.623 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14



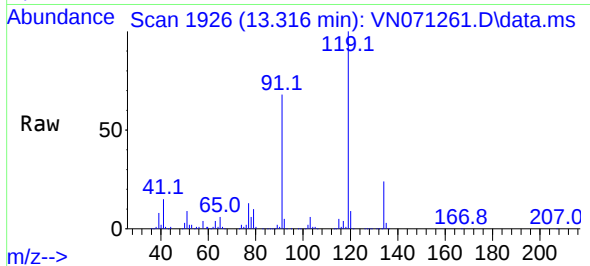
Tgt Ion: 91 Resp: 372414
Ion Ratio Lower Upper
91 100
126 32.0 18.2 54.6





#83
tert-Butylbenzene
Concen: 17.166 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. -0.006 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

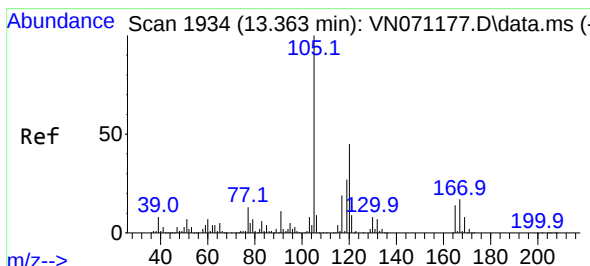
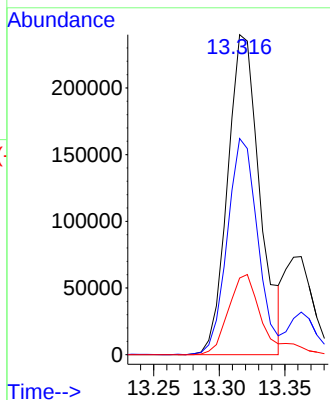
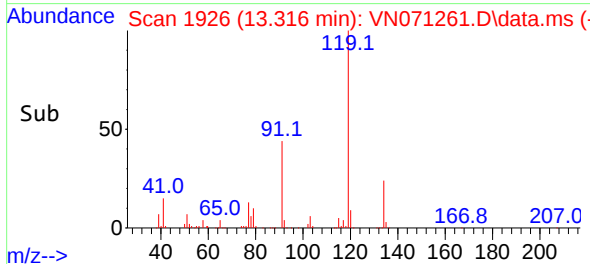
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



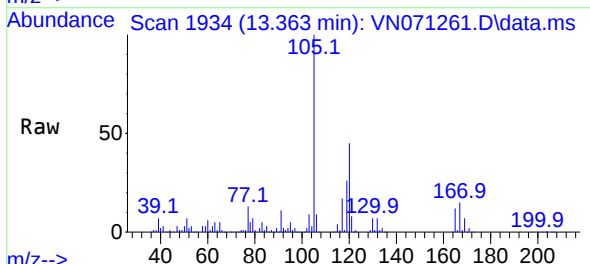
Tgt Ion:119 Resp: 41051
Ion Ratio Lower Upper
119 100
91 63.9 31.5 94.5
134 26.6 12.4 37.4

Manual Integrations
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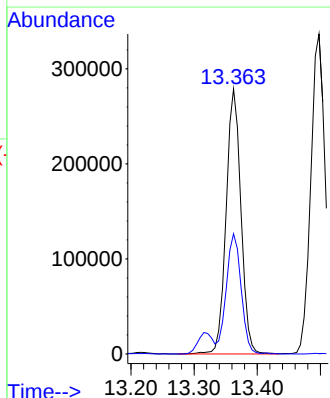
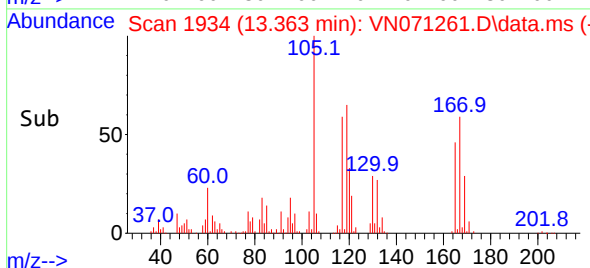
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

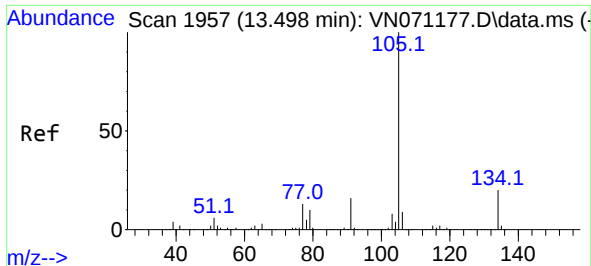


#84
1,2,4-Trimethylbenzene
Concen: 17.668 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14



Tgt Ion:105 Resp: 453462
Ion Ratio Lower Upper
105 100
120 45.7 22.8 68.4





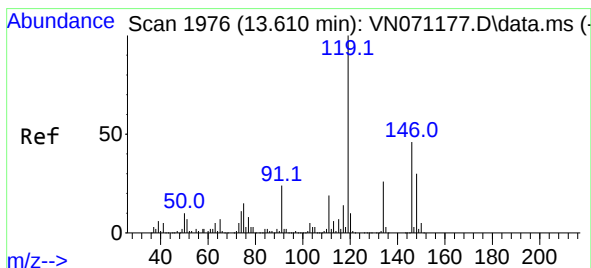
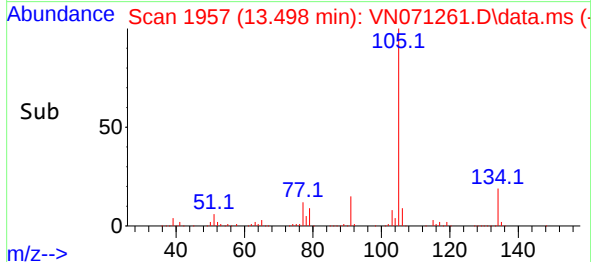
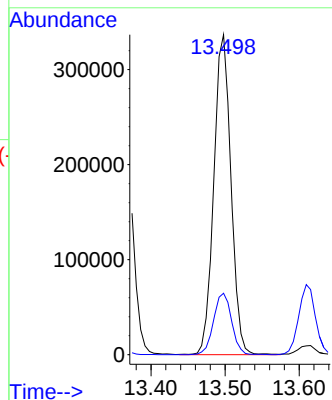
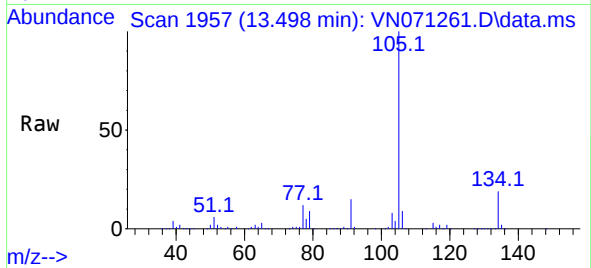
#85
 sec-Butylbenzene
 Concen: 17.016 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN071261.D
 Acq: 14 Mar 2022 13:14

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS02

Tgt Ion:105 Resp: 540840
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.4 31.1

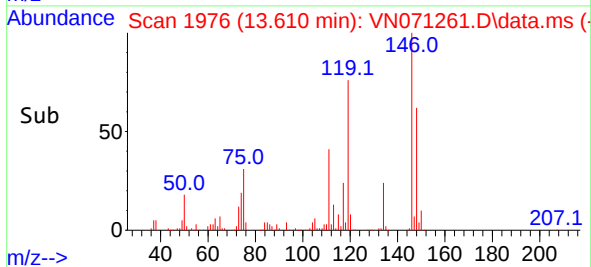
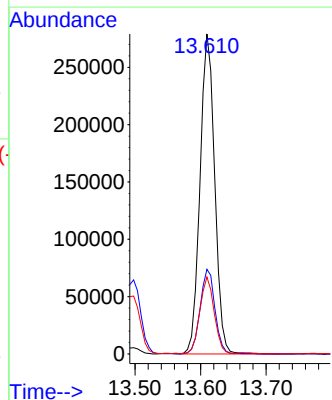
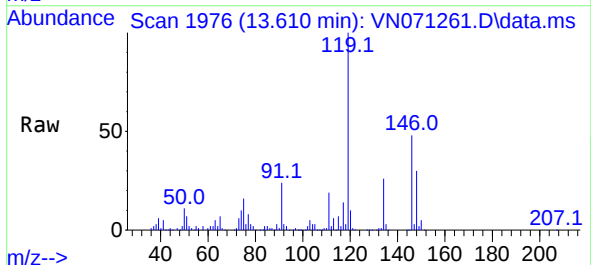
Manual Integrations
 APPROVED

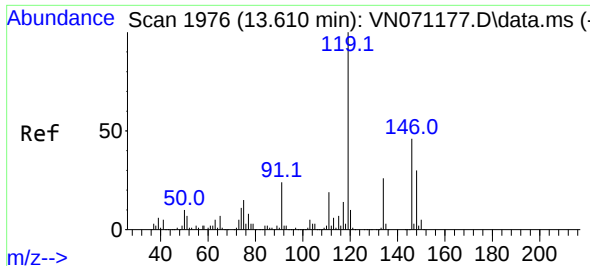
Reviewed By :John Carlone 03/15/2022
 Supervised By :Mahesh Dadoda 03/15/2022



#86
 p-Isopropyltoluene
 Concen: 17.392 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN071261.D
 Acq: 14 Mar 2022 13:14

Tgt Ion:119 Resp: 434755
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.6 40.7
 91 23.4 11.4 34.1





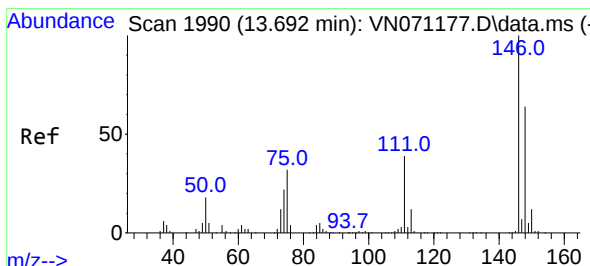
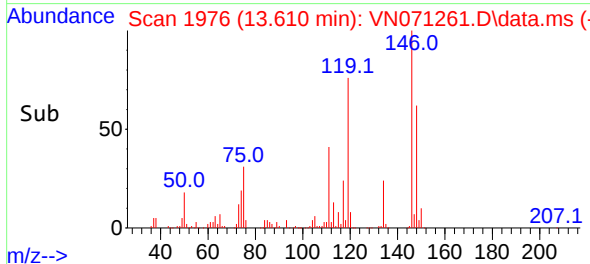
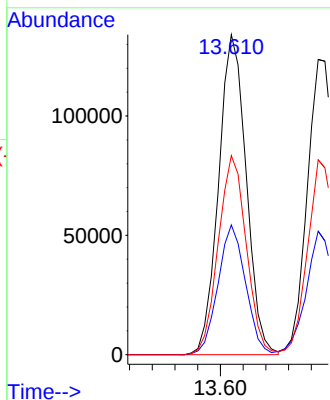
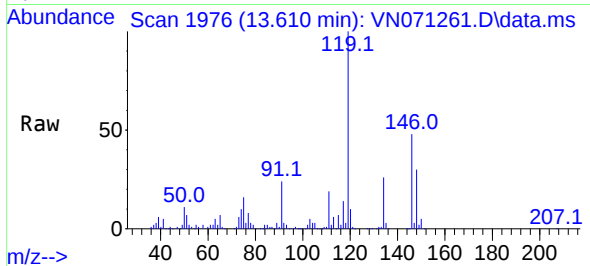
#87
1,3-Dichlorobenzene
Concen: 17.350 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02

Tgt Ion:146 Resp: 226411
Ion Ratio Lower Upper
146 100
111 40.4 18.6 55.6
148 63.3 31.6 95.0

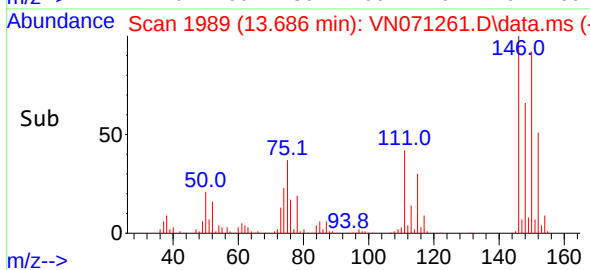
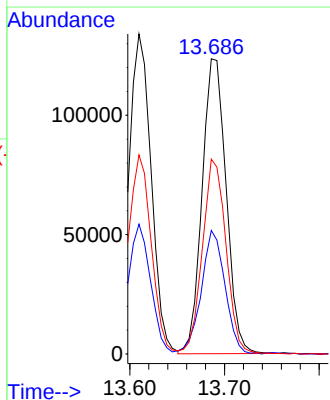
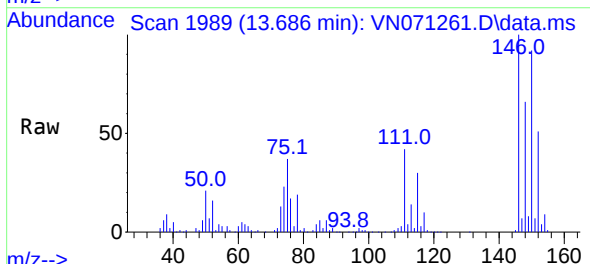
Manual Integrations
APPROVED

Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#88
1,4-Dichlorobenzene
Concen: 17.100 ug/l
RT: 13.686 min Scan# 1989
Delta R.T. -0.006 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

Tgt Ion:146 Resp: 218125
Ion Ratio Lower Upper
146 100
111 41.5 18.3 54.8
148 64.9 31.8 95.4





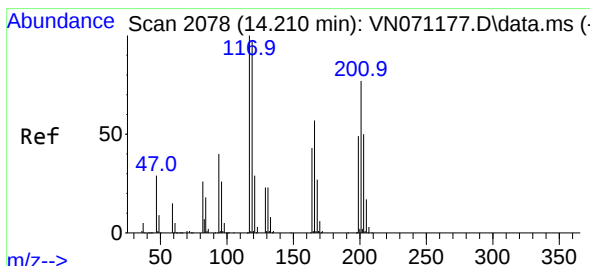
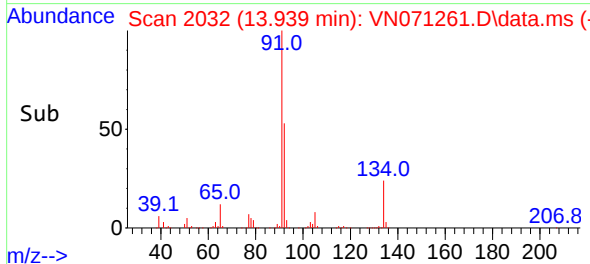
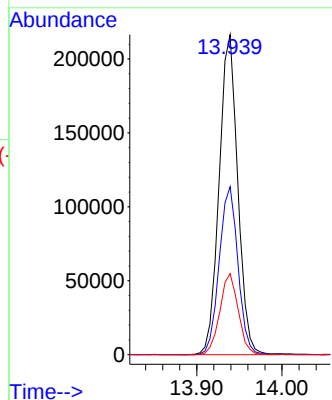
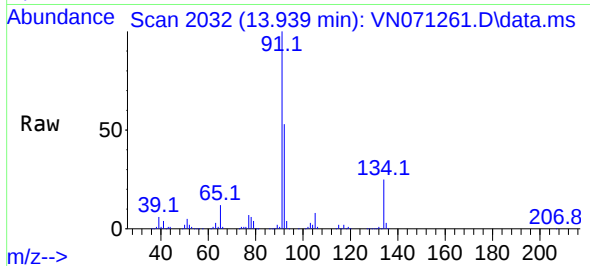
#89
n-Butylbenzene
Concen: 16.804 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02

Tgt Ion: 91 Resp: 32854
Ion Ratio Lower Upper
91 100
92 52.9 25.4 76.0
134 25.2 13.6 40.8

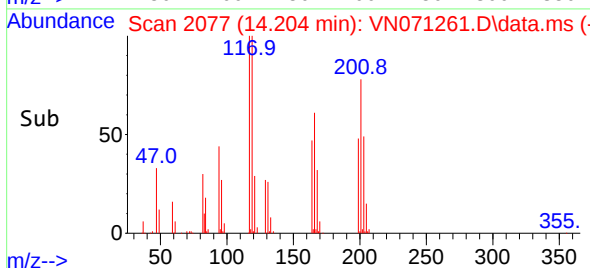
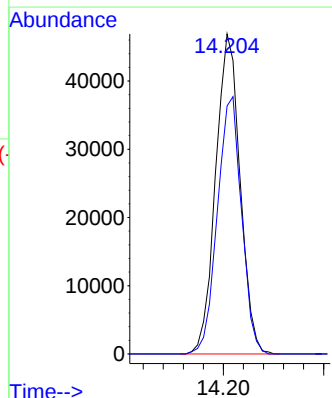
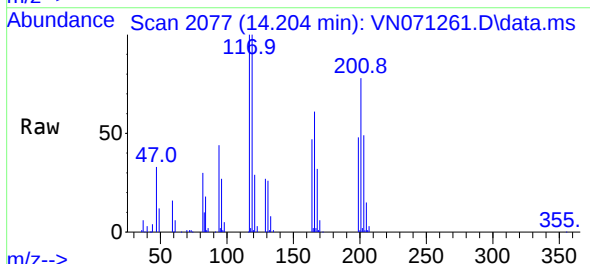
Manual Integrations
APPROVED

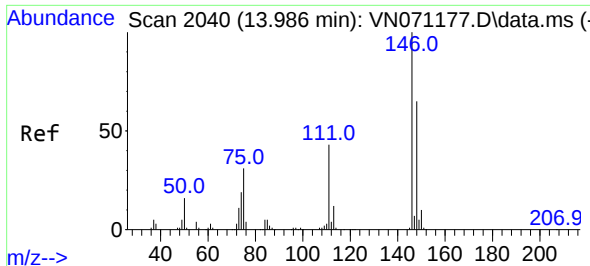
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#90
Hexachloroethane
Concen: 15.935 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.006 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

Tgt Ion:117 Resp: 79211
Ion Ratio Lower Upper
117 100
201 79.5 43.9 131.6





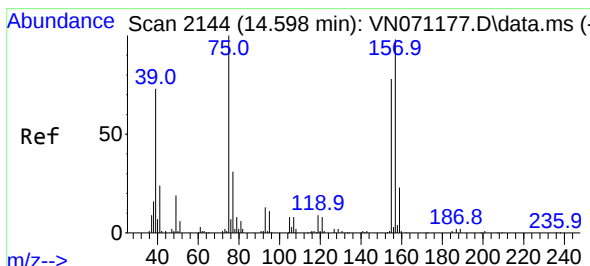
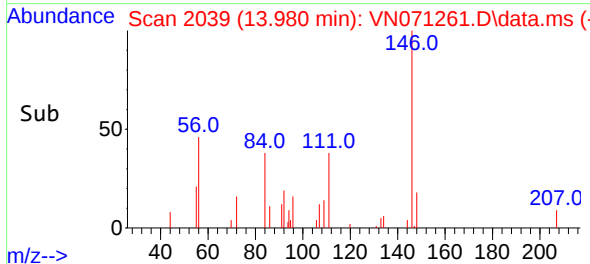
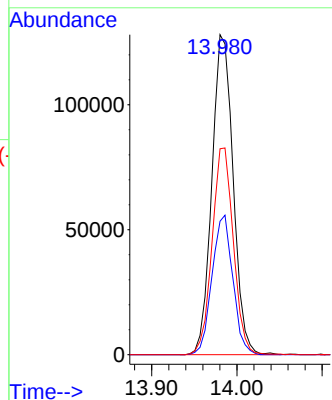
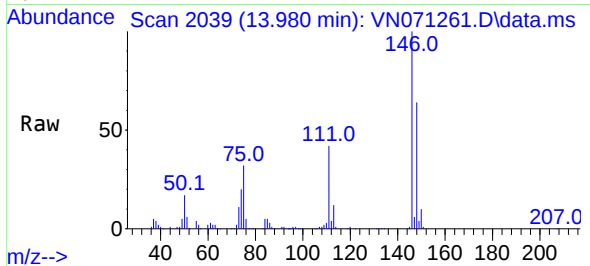
#91
1,2-Dichlorobenzene
Concen: 17.716 ug/l
RT: 13.980 min Scan# 2040
Delta R.T. -0.006 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02

Tgt Ion:146 Resp: 222260
Ion Ratio Lower Upper
146 100
111 42.5 19.1 57.3
148 64.8 32.1 96.3

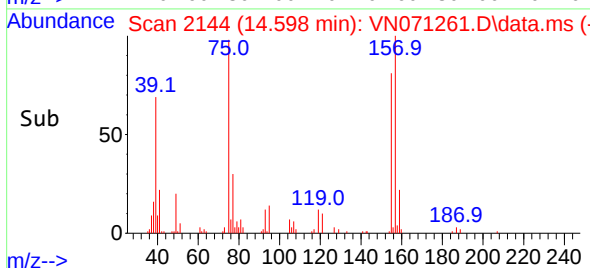
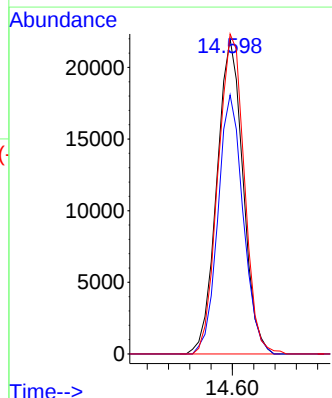
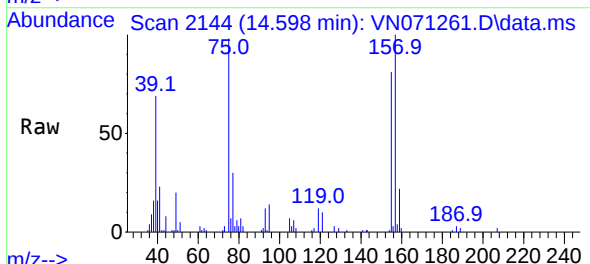
Manual Integrations
APPROVED

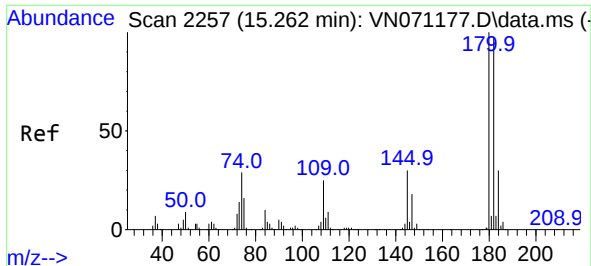
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.687 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

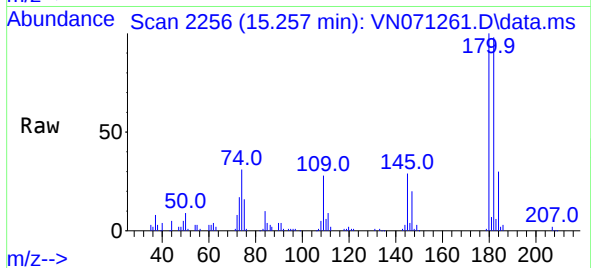
Tgt Ion: 75 Resp: 37448
Ion Ratio Lower Upper
75 100
155 79.3 46.9 140.7
157 102.0 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 17.978 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.005 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

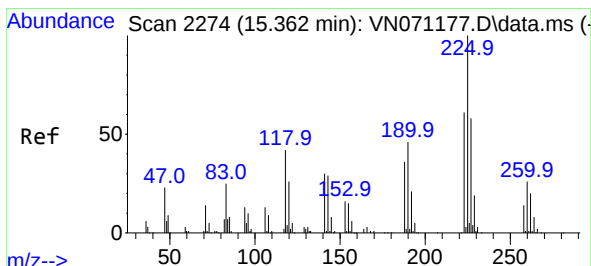
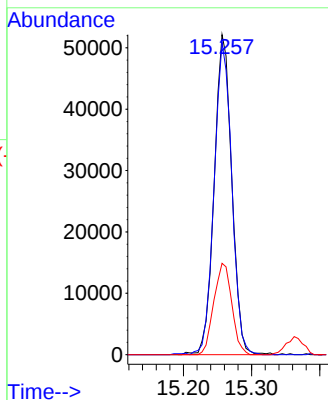
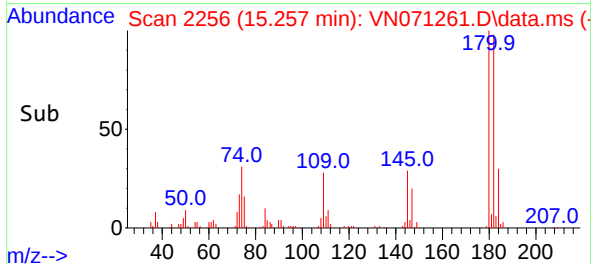
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



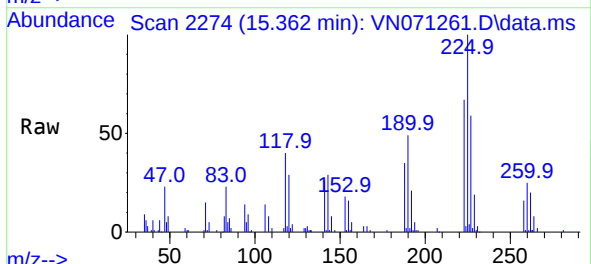
Tgt Ion:180 Resp: 9334
Ion Ratio Lower Upper
180 100
182 98.3 48.3 144.9
145 29.3 14.5 43.5

Manual Integrations
APPROVED

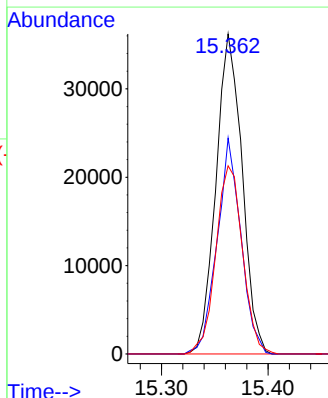
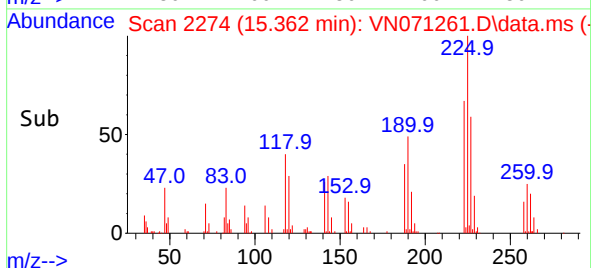
Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022

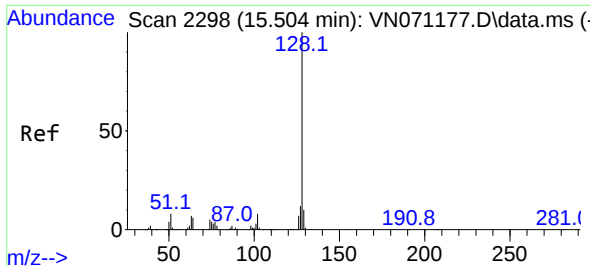


#94
Hexachlorobutadiene
Concen: 17.520 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14



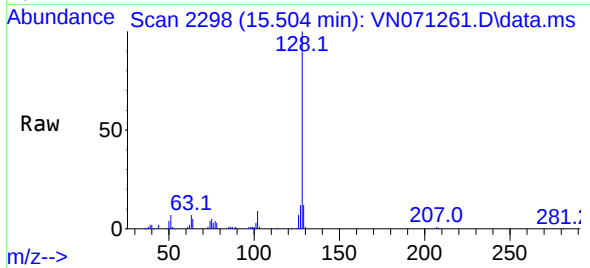
Tgt Ion:225 Resp: 61707
Ion Ratio Lower Upper
225 100
223 61.5 31.9 95.7
227 60.2 32.1 96.3





#95
Naphthalene
Concen: 18.867 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14

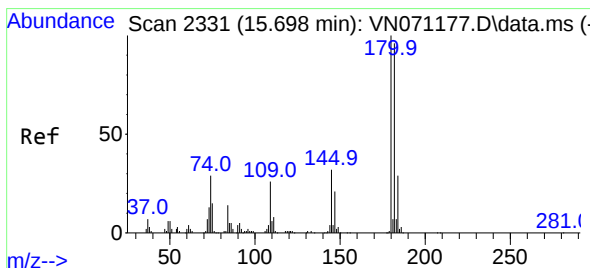
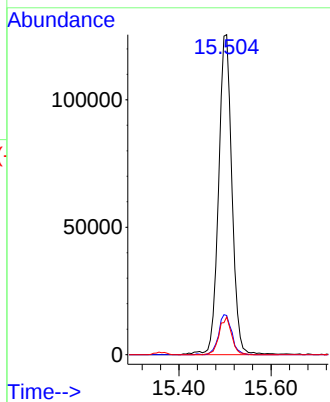
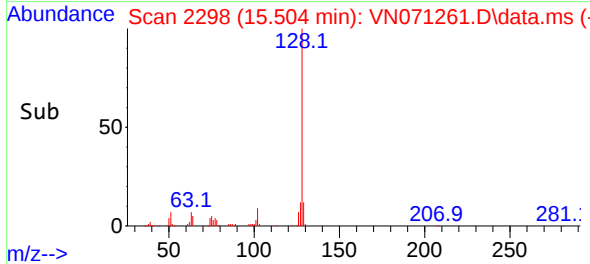
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS02



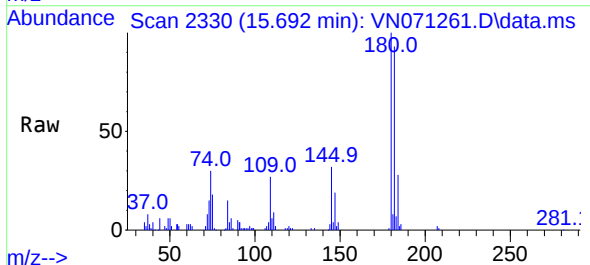
Tgt Ion:128 Resp: 251518
Ion Ratio Lower Upper
128 100
127 12.3 10.5 15.7
129 10.9 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/15/2022
Supervised By :Mahesh Dadoda 03/15/2022



#96
1,2,3-Trichlorobenzene
Concen: 18.247 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.006 min
Lab File: VN071261.D
Acq: 14 Mar 2022 13:14



Tgt Ion:180 Resp: 92059
Ion Ratio Lower Upper
180 100
182 93.9 47.4 142.2
145 30.3 15.0 45.1

