

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041922\
 Data File : VN072043.D
 Acq On : 19 Apr 2022 12:35
 Operator : JC\MD
 Sample : VN0419WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/20/2022
 Supervised By : Mahesh Dadoda 04/20/2022

Quant Time: Apr 20 01:23:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	499419	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	766652	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	766497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	281850	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.427	65	261121	45.799	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.600%		
35) Dibromofluoromethane	8.016	113	232873	51.620	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.240%		
50) Toluene-d8	10.433	98	968026	52.454	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.900%		
62) 4-Bromofluorobenzene	12.727	95	303555	50.859	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.063	85	99774	25.129	ug/l	99
3) Chloromethane	2.293	50	106322	21.133	ug/l	100
4) Vinyl Chloride	2.440	62	103196	18.678	ug/l	98
5) Bromomethane	2.810	94	32234	8.975	ug/l	100
6) Chloroethane	2.946	64	70215	17.665	ug/l	96
7) Trichlorofluoromethane	3.328	101	145918	20.758	ug/l	95
8) Diethyl Ether	3.816	74	62716	21.111	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.187	101	90036	20.785	ug/l	98
10) Methyl Iodide	4.404	142	120907	19.967	ug/l	99
11) Tert butyl alcohol	5.387	59	67022	72.437	ug/l #	84
12) 1,1-Dichloroethene	4.163	96	87232	21.161	ug/l	97
13) Acrolein	4.034	56	49159	43.574	ug/l	98
14) Allyl chloride	4.822	41	129349	19.333	ug/l	95
15) Acrylonitrile	5.545	53	294939	109.667	ug/l	98
16) Acetone	4.287	43	202149	82.964	ug/l	94
17) Carbon Disulfide	4.510	76	198444	20.981	ug/l	97
18) Methyl Acetate	4.845	43	125762	19.933	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	308674	20.156	ug/l	97
20) Methylene Chloride	5.081	84	112913	21.986	ug/l	96
21) trans-1,2-Dichloroethene	5.581	96	94765	20.941	ug/l	91
22) Diisopropyl ether	6.486	45	293627	20.159	ug/l	96
23) Vinyl Acetate	6.422	43	1210979	104.549	ug/l	98
24) 1,1-Dichloroethane	6.381	63	177316	20.737	ug/l	98
25) 2-Butanone	7.333	43	360737	102.696	ug/l	98
26) 2,2-Dichloropropane	7.316	77	143959	19.598	ug/l	97
27) cis-1,2-Dichloroethene	7.316	96	118107	21.283	ug/l	94
28) Bromochloromethane	7.651	49	61745	17.900	ug/l	94
29) Tetrahydrofuran	7.680	42	232206	102.092	ug/l	96
30) Chloroform	7.810	83	184438	20.428	ug/l	97
31) Cyclohexane	8.086	56	159379	20.555	ug/l	97
32) 1,1,1-Trichloroethane	8.004	97	151215	19.577	ug/l	99
36) 1,1-Dichloropropene	8.216	75	129571	20.567	ug/l	98
37) Ethyl Acetate	7.404	43	142464	20.661	ug/l	95
38) Carbon Tetrachloride	8.204	117	127112	20.588	ug/l	96
39) Methylcyclohexane	9.451	83	161854	21.583	ug/l	100
40) Benzene	8.451	78	435891	21.903	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	75408	22.335	ug/l	95
42) 1,2-Dichloroethane	8.527	62	139051	20.199	ug/l	97
43) Isopropyl Acetate	8.557	43	219147	19.107	ug/l	94
44) Trichloroethene	9.210	130	111437	21.735	ug/l	99
45) 1,2-Dichloropropane	9.486	63	108731	21.870	ug/l	99
46) Dibromomethane	9.569	93	73202	21.686	ug/l	99
47) Bromodichloromethane	9.757	83	141556	21.304	ug/l	100
48) Methyl methacrylate	9.557	41	101802	21.394	ug/l	88
49) 1,4-Dioxane	9.569	88	26966	228.216	ug/l	98
51) 4-Methyl-2-Pentanone	10.327	43	767423	116.379	ug/l	95
52) Toluene	10.498	92	298983	23.767	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	157157	22.567	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	168471	21.895	ug/l	93
55) 1,1,2-Trichloroethane	10.892	97	121223	23.414	ug/l	98
56) Ethyl methacrylate	10.757	69	181084	24.517	ug/l	91
57) 1,3-Dichloropropane	11.039	76	201494	23.277	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	271451	128.244	ug/l	100
59) 2-Hexanone	11.080	43	501778	108.081	ug/l	95
60) Dibromochloromethane	11.233	129	120581	23.885	ug/l	99
61) 1,2-Dibromoethane	11.339	107	124162	24.363	ug/l	98
64) Tetrachloroethene	10.974	164	101707	20.094	ug/l	98
65) Chlorobenzene	11.763	112	335419	21.854	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.839	131	116548	21.044	ug/l	99
67) Ethyl Benzene	11.839	91	562978	21.668	ug/l	99
68) m/p-Xylenes	11.951	106	441856	44.261	ug/l	99
69) o-Xylene	12.274	106	217559	21.956	ug/l	98
70) Styrene	12.292	104	336709	22.428	ug/l	99
71) Bromoform	12.451	173	85255	20.214	ug/l	100
73) Isopropylbenzene	12.574	105	540633	22.763	ug/l	100
74) N-amyl acetate	12.386	43	137589	20.219	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.821	83	163834	20.674	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	124396m	19.052	ug/l	
77) Bromobenzene	12.857	156	128484	21.580	ug/l	96
78) n-propylbenzene	12.915	91	571113	22.860	ug/l	100
79) 2-Chlorotoluene	13.004	91	355126	22.164	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	451821	24.010	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	42379	20.114	ug/l	97
82) 4-Chlorotoluene	13.098	91	320214	21.561	ug/l	100
83) tert-Butylbenzene	13.315	119	385286	22.398	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	436527	23.775	ug/l	99
85) sec-Butylbenzene	13.498	105	508842	22.819	ug/l	100
86) p-Isopropyltoluene	13.610	119	415700	23.381	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	207639	21.890	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	200508	21.667	ug/l	100
89) n-Butylbenzene	13.939	91	291321	22.091	ug/l	99
90) Hexachloroethane	14.204	117	65893	20.246	ug/l	93
91) 1,2-Dichlorobenzene	13.986	146	209700	22.519	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	27086	22.036	ug/l	98
93) 1,2,4-Trichlorobenzene	15.256	180	85334	20.316	ug/l	98
94) Hexachlorobutadiene	15.362	225	55956	20.374	ug/l	97
95) Naphthalene	15.504	128	232859	20.566	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	88507	21.799	ug/l	100

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MSVOA_N
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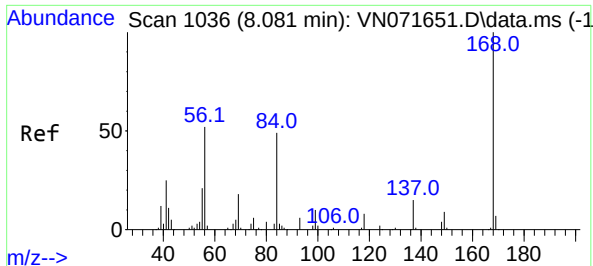
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

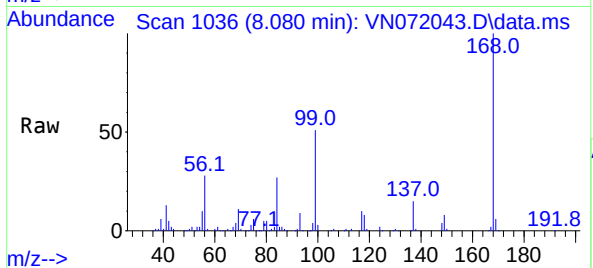
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.080 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN072043.D
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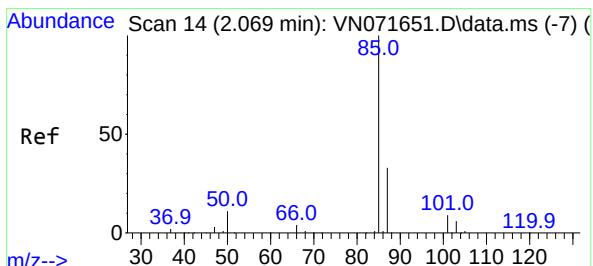
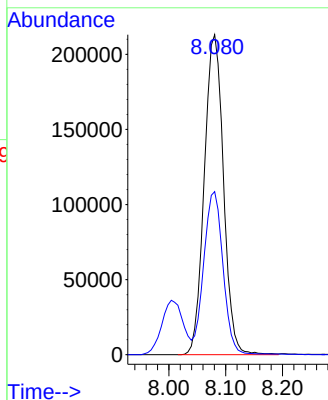
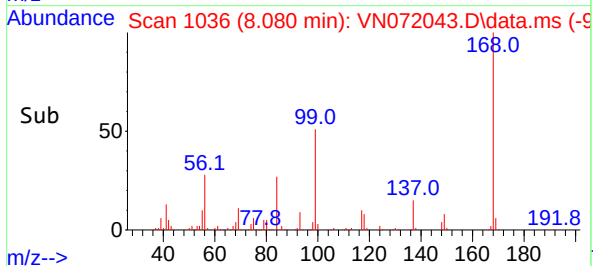
Instrument :
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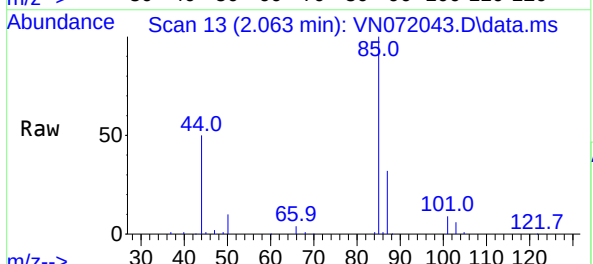
Tgt Ion:168 Resp: 499419
Ion Ratio Lower Upper
168 100
99 50.8 42.3 63.5

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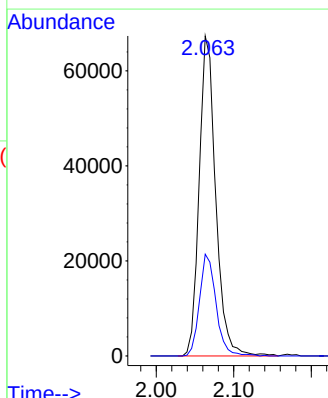
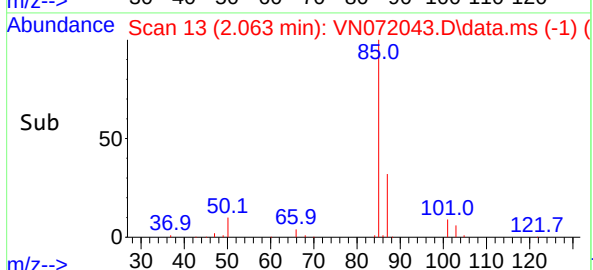
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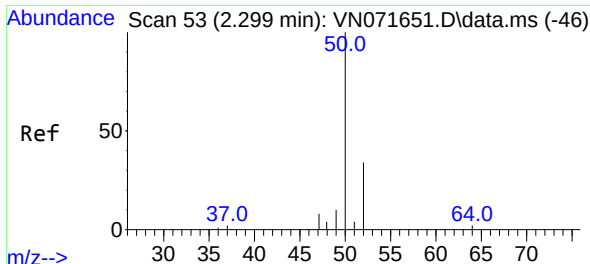


#2
Dichlorodifluoromethane
Concen: 25.129 ug/l
RT: 2.063 min Scan# 13
Delta R.T. -0.006 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35



Tgt Ion: 85 Resp: 99774
Ion Ratio Lower Upper
85 100
87 31.8 15.7 47.1





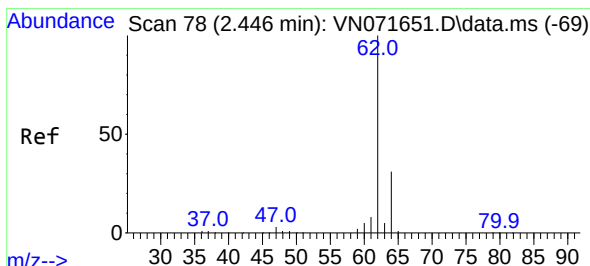
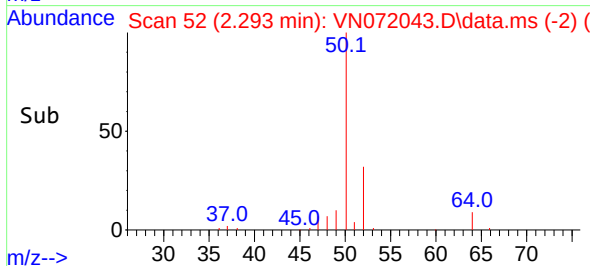
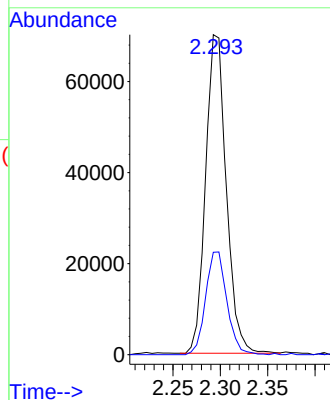
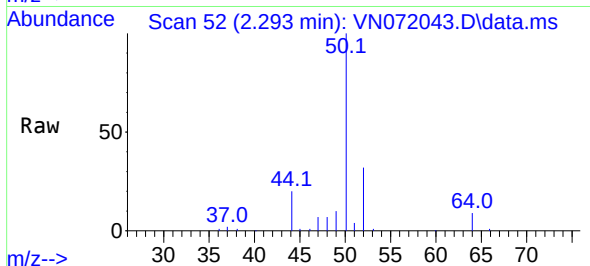
#3
Chloromethane
Concen: 21.133 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

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Tgt Ion: 50 Resp: 10632
Ion Ratio Lower Upper
50 100
52 32.1 25.7 38.5

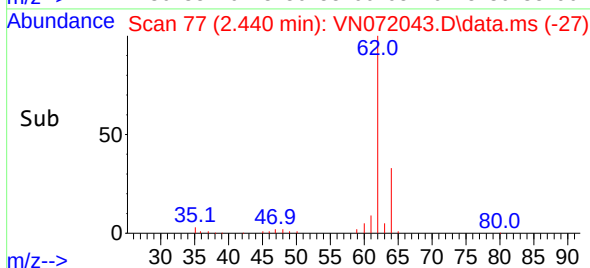
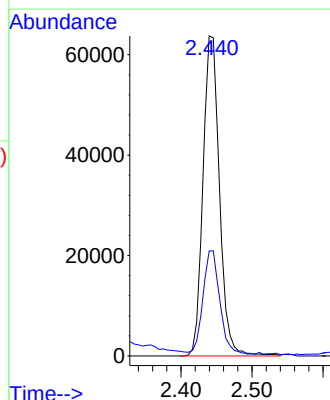
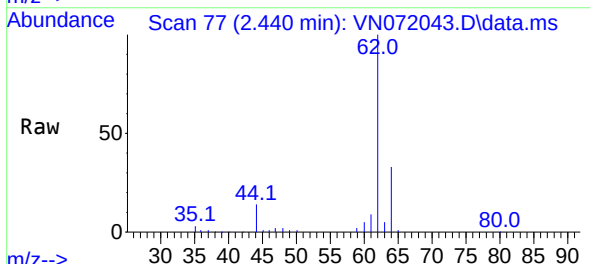
Manual Integrations
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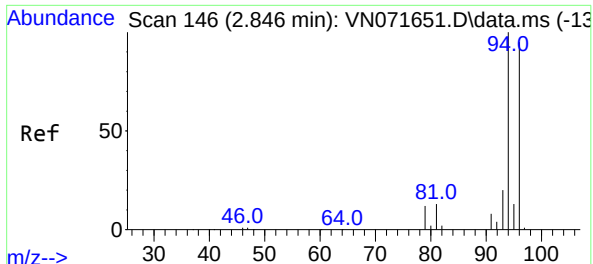
Reviewed By :John Carlone 04/20/2022
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#4
Vinyl Chloride
Concen: 18.678 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

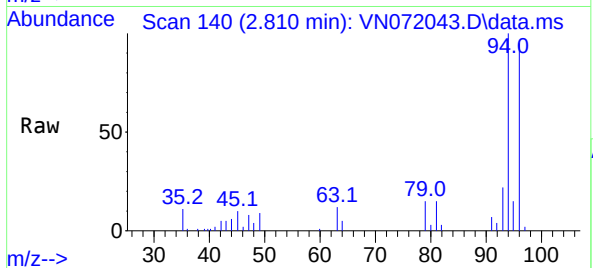
Tgt Ion: 62 Resp: 103196
Ion Ratio Lower Upper
62 100
64 32.3 25.0 37.4





#5
Bromomethane
Concen: 8.975 ug/l
RT: 2.810 min Scan# 14
Delta R.T. -0.036 min
Lab File: VN072043.D
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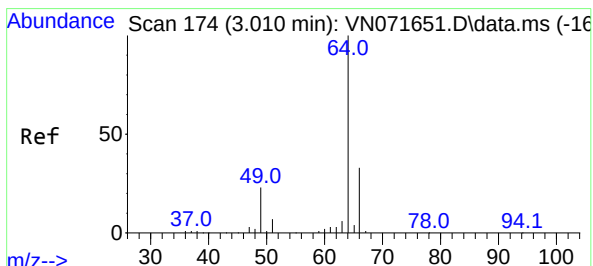
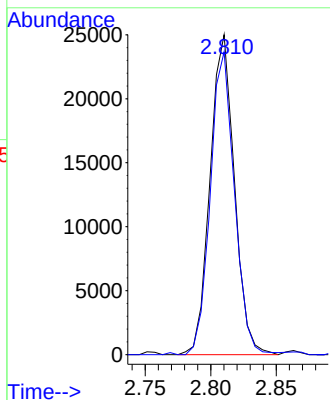
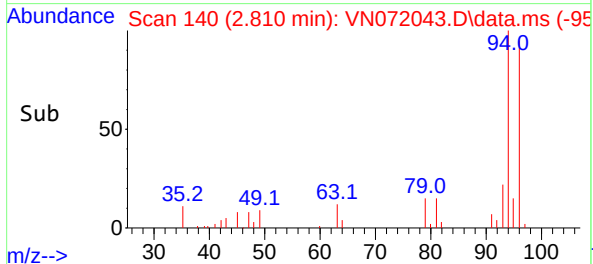
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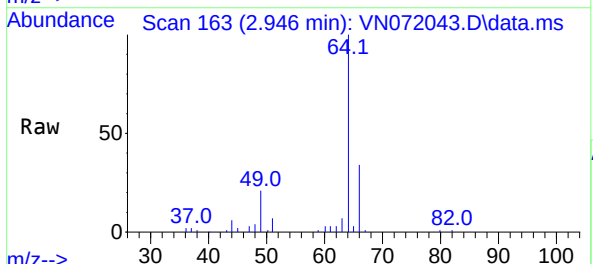
Tgt Ion: 94 Resp: 32234
Ion Ratio Lower Upper
94 100
96 94.7 76.0 114.0

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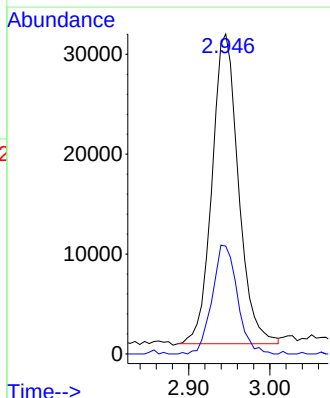
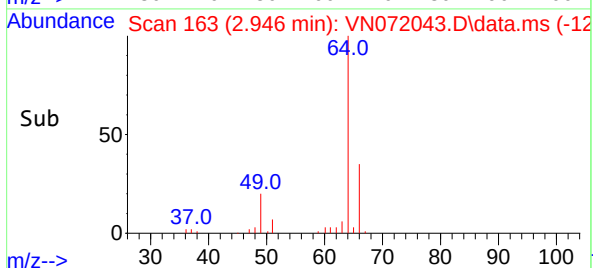
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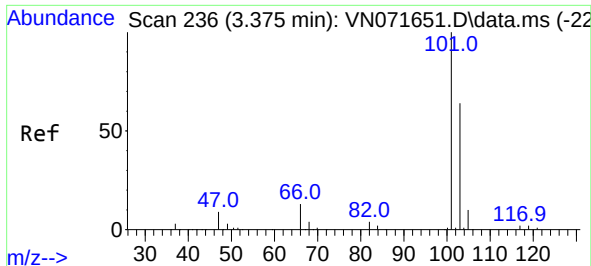


#6
Chloroethane
Concen: 17.665 ug/l
RT: 2.946 min Scan# 163
Delta R.T. -0.064 min
Lab File: VN072043.D
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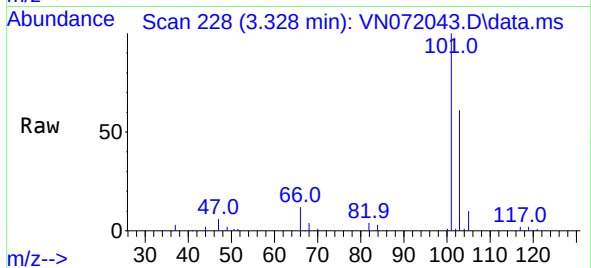
Tgt Ion: 64 Resp: 70215
Ion Ratio Lower Upper
64 100
66 34.8 26.2 39.4





#7
Trichlorofluoromethane
Concen: 20.758 ug/l
RT: 3.328 min Scan# 21
Delta R.T. -0.047 min
Lab File: VN072043.D
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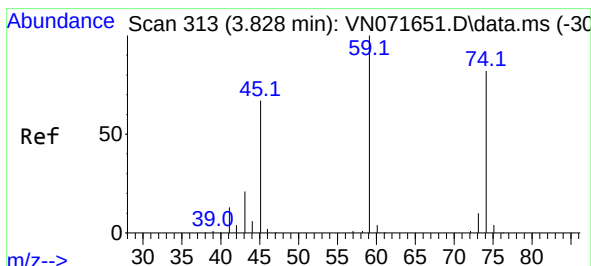
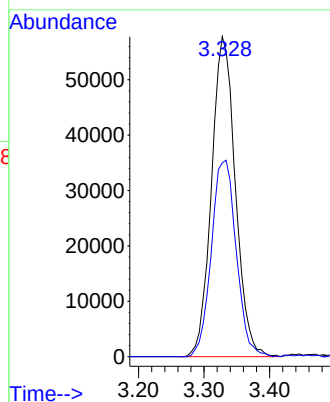
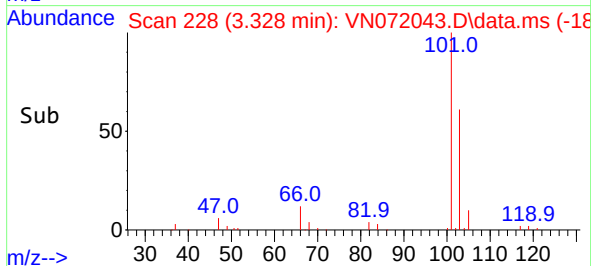
Instrument :
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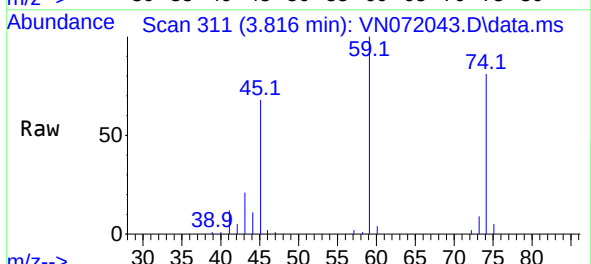
Tgt Ion:101 Resp: 145918
Ion Ratio Lower Upper
101 100
103 60.6 51.5 77.3

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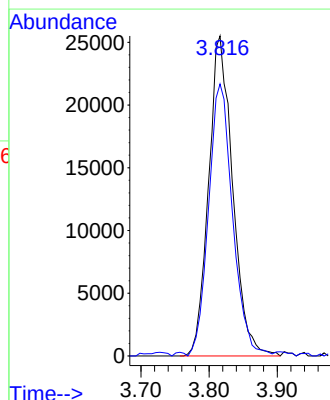
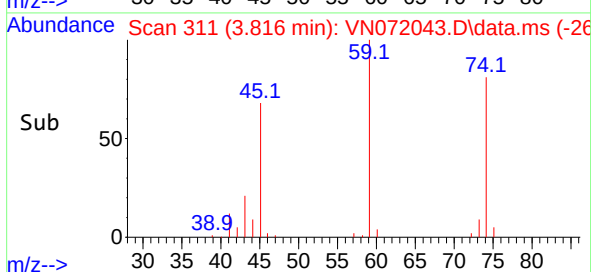
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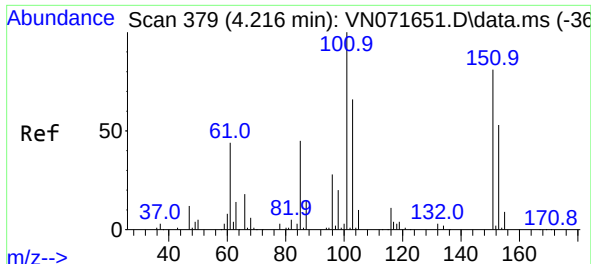


#8
Diethyl Ether
Concen: 21.111 ug/l
RT: 3.816 min Scan# 311
Delta R.T. -0.012 min
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Tgt Ion: 74 Resp: 62716
Ion Ratio Lower Upper
74 100
45 84.9 42.9 128.5





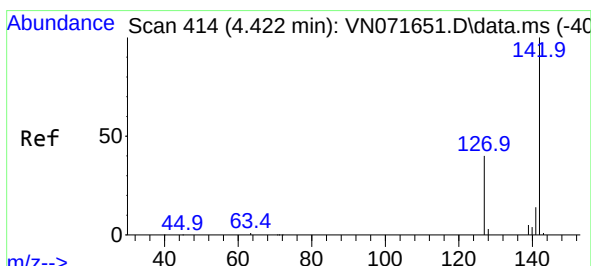
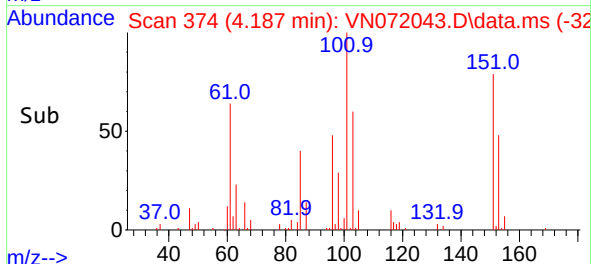
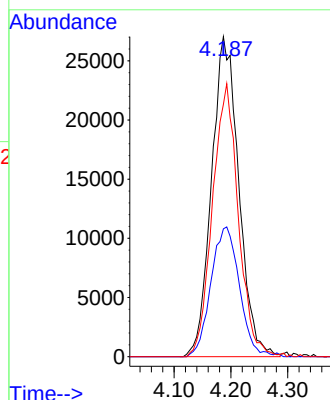
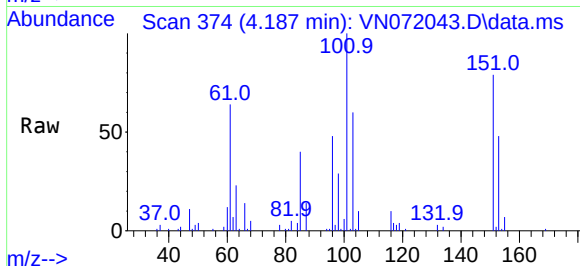
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.785 ug/l
RT: 4.187 min Scan# 31
Delta R.T. -0.029 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01

Tgt Ion:101 Resp: 90030
Ion Ratio Lower Upper
101 100
85 42.4 34.7 52.1
151 80.9 63.0 94.4

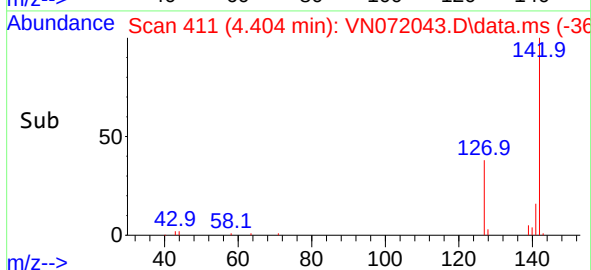
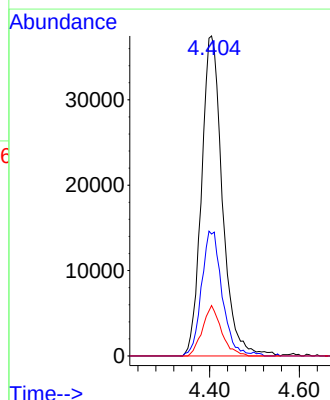
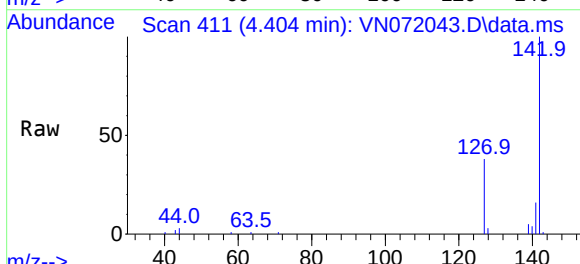
Manual Integrations
APPROVED

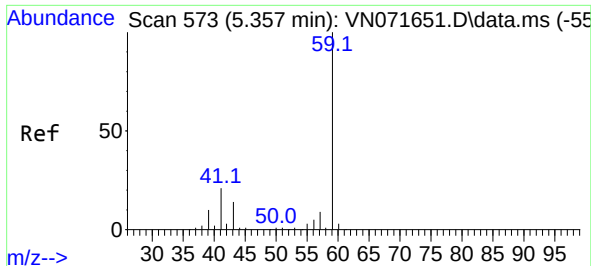
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#10
Methyl Iodide
Concen: 19.967 ug/l
RT: 4.404 min Scan# 411
Delta R.T. -0.018 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

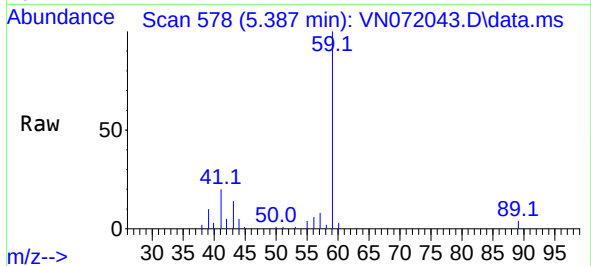
Tgt Ion:142 Resp: 120907
Ion Ratio Lower Upper
142 100
127 38.4 31.3 46.9
141 14.3 11.2 16.8





#11
Tert butyl alcohol
Concen: 72.437 ug/l
RT: 5.387 min Scan# 51
Delta R.T. 0.030 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

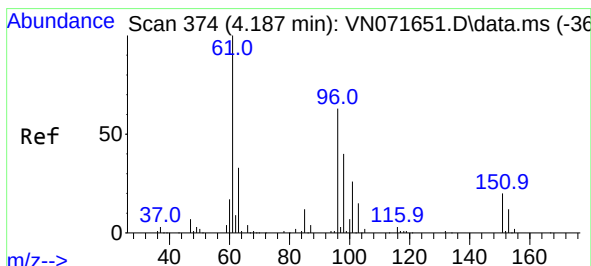
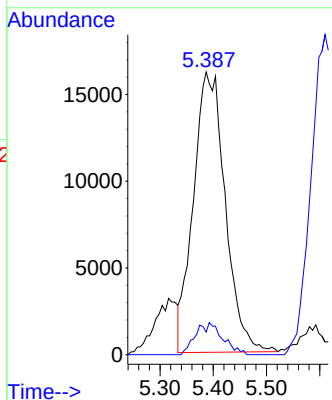
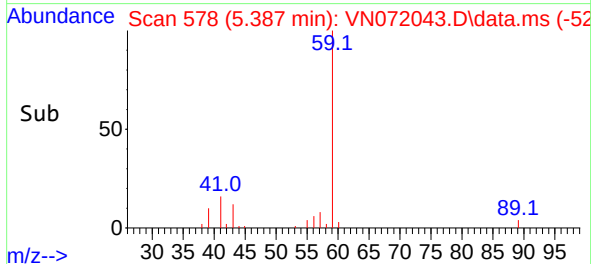
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



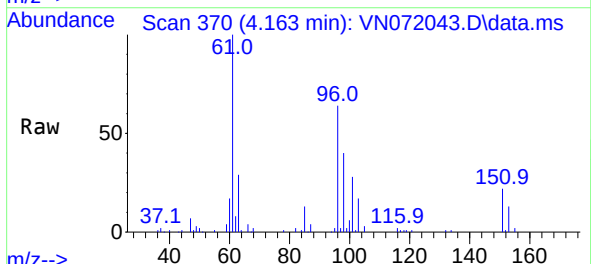
Tgt Ion: 59 Resp: 6702
Ion Ratio Lower Upper
59 100
57 4.3 8.3 12.5

Manual Integrations
APPROVED

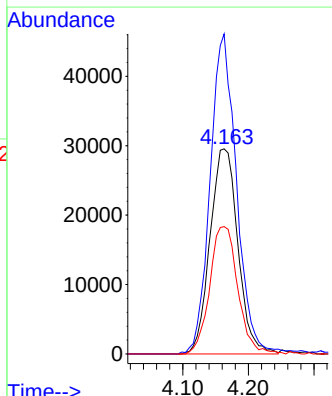
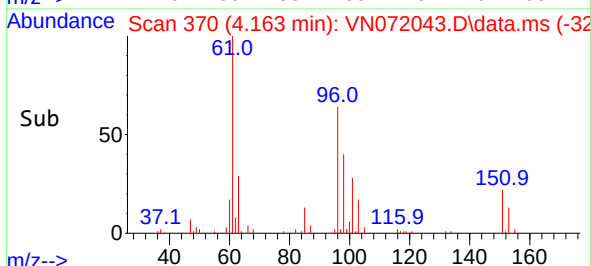
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

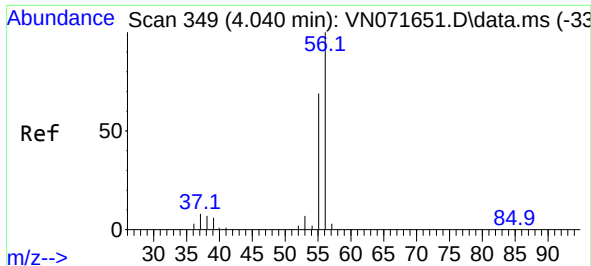


#12
1,1-Dichloroethene
Concen: 21.161 ug/l
RT: 4.163 min Scan# 370
Delta R.T. -0.024 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35



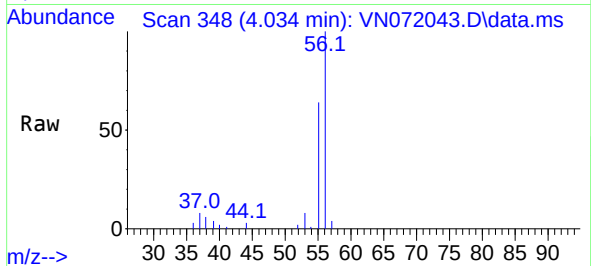
Tgt Ion: 96 Resp: 87232
Ion Ratio Lower Upper
96 100
61 156.1 127.6 191.4
98 62.1 51.2 76.8





#13
Acrolein
Concen: 43.574 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

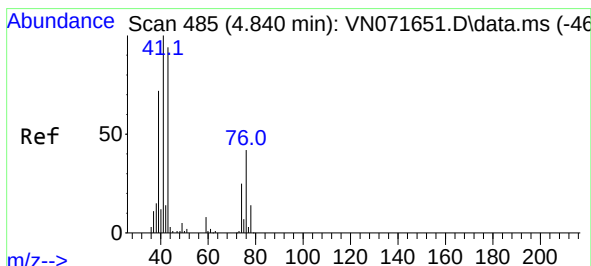
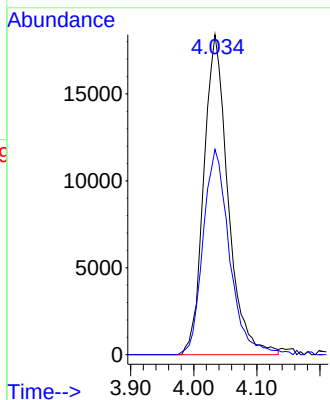
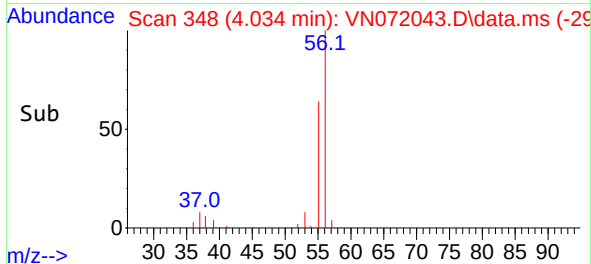
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



Tgt Ion: 56 Resp: 49159
Ion Ratio Lower Upper
56 100
55 69.9 54.8 82.2

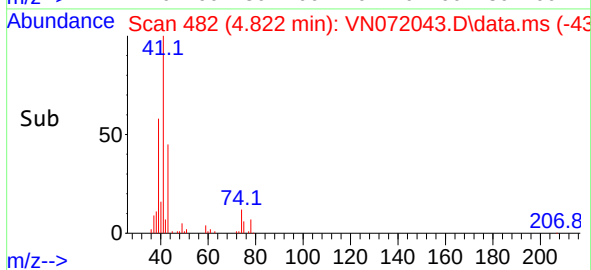
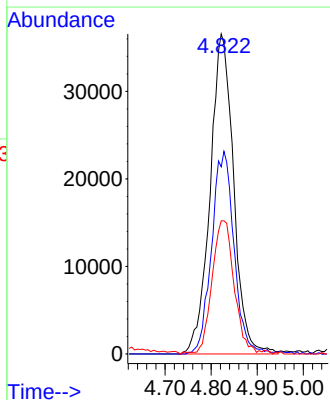
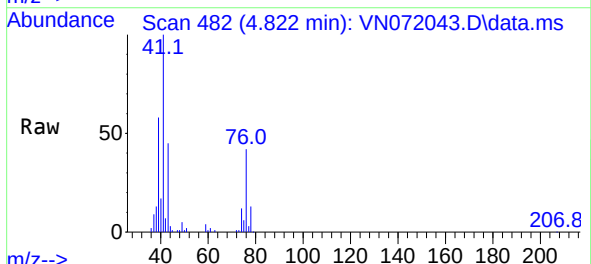
Manual Integrations
APPROVED

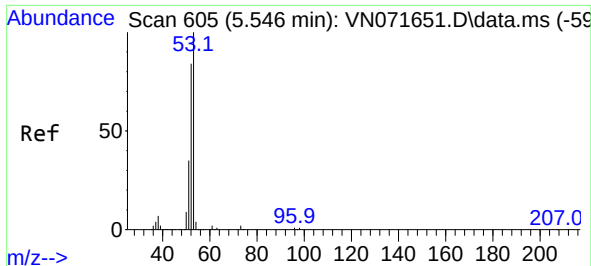
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#14
Allyl chloride
Concen: 19.333 ug/l
RT: 4.822 min Scan# 482
Delta R.T. -0.018 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

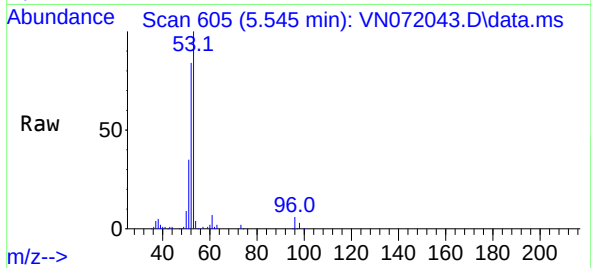
Tgt Ion: 41 Resp: 129349
Ion Ratio Lower Upper
41 100
39 60.4 53.2 79.8
76 37.8 29.9 44.9





#15
Acrylonitrile
Concen: 109.667 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.001 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

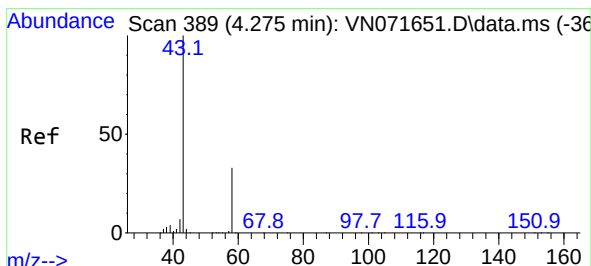
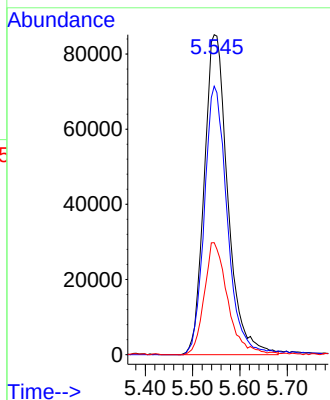
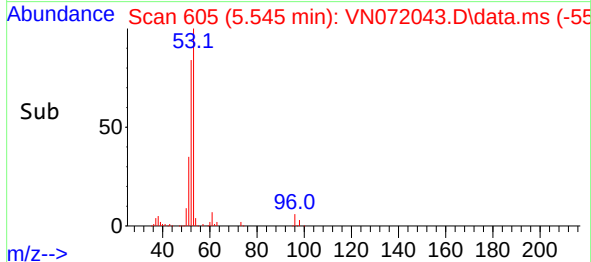
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



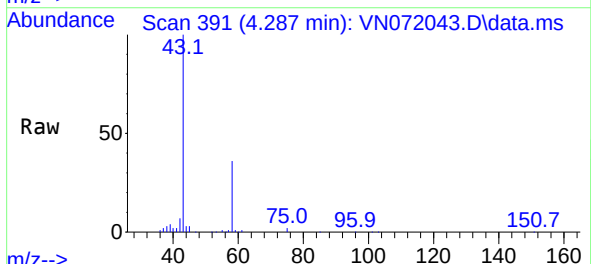
Tgt Ion: 53 Resp: 294939
Ion Ratio Lower Upper
53 100
52 81.7 66.4 99.6
51 34.6 28.5 42.7

Manual Integrations
APPROVED

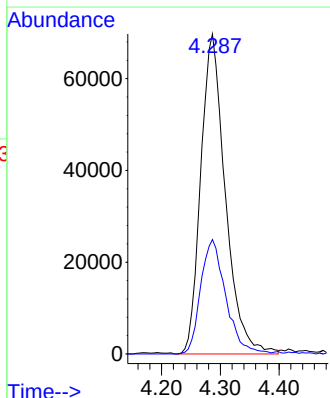
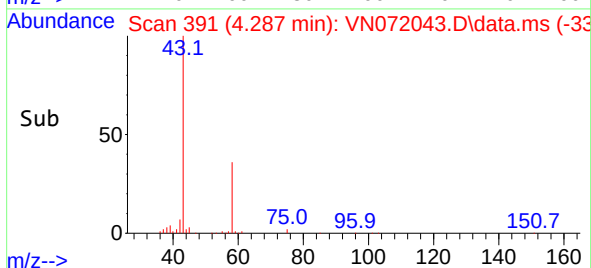
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

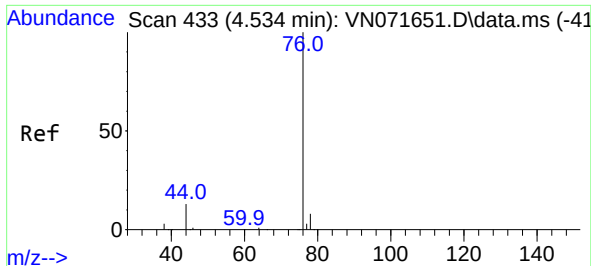


#16
Acetone
Concen: 82.964 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35



Tgt Ion: 43 Resp: 202149
Ion Ratio Lower Upper
43 100
58 35.7 26.0 39.0





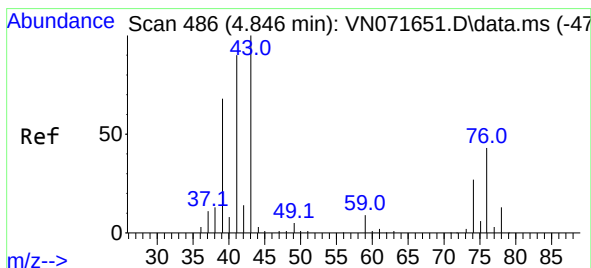
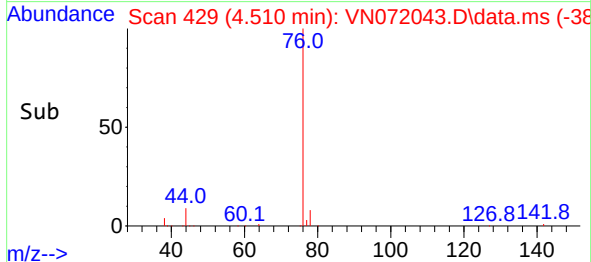
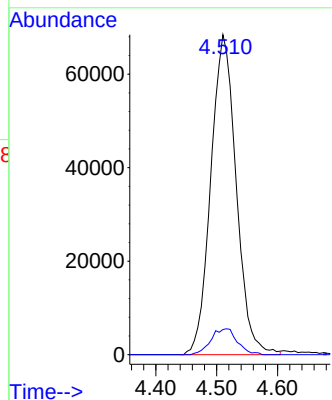
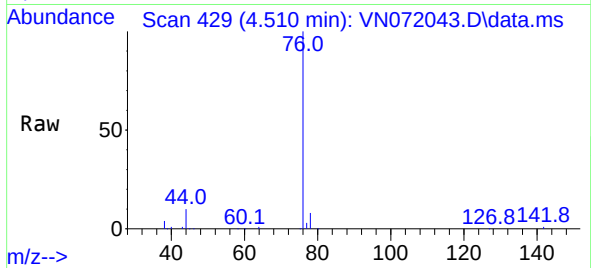
#17
Carbon Disulfide
Concen: 20.981 ug/l
RT: 4.510 min Scan# 433
Delta R.T. -0.024 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01

Tgt Ion: 76 Resp: 198444
Ion Ratio Lower Upper
76 100
78 7.8 7.2 10.8

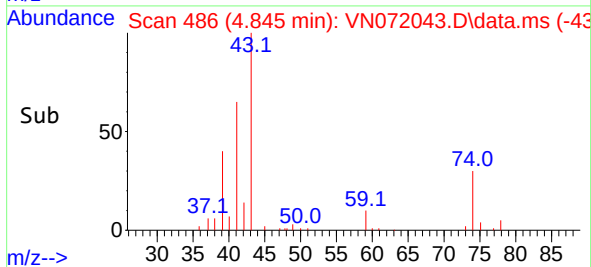
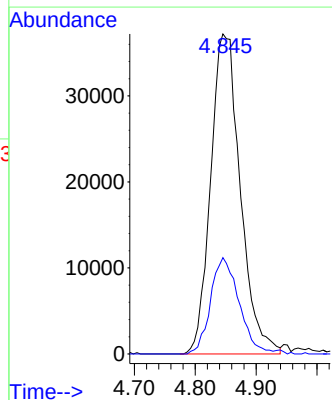
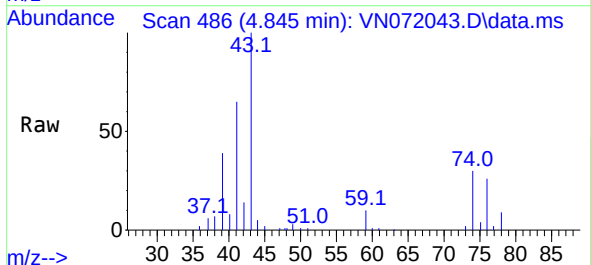
Manual Integrations
APPROVED

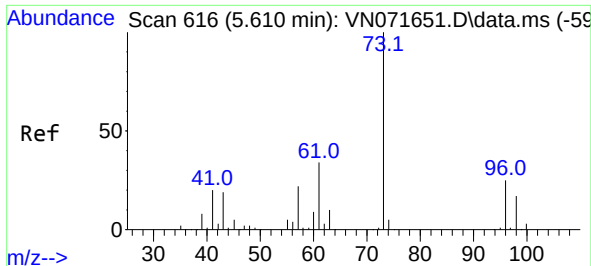
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#18
Methyl Acetate
Concen: 19.933 ug/l
RT: 4.845 min Scan# 486
Delta R.T. -0.001 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

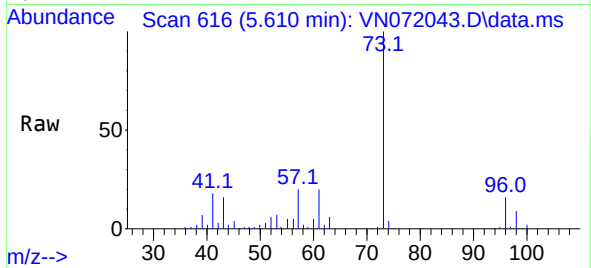
Tgt Ion: 43 Resp: 125762
Ion Ratio Lower Upper
43 100
74 28.9 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 20.156 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

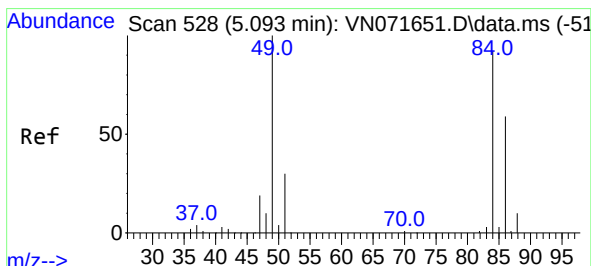
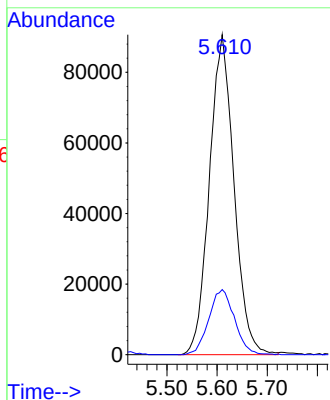
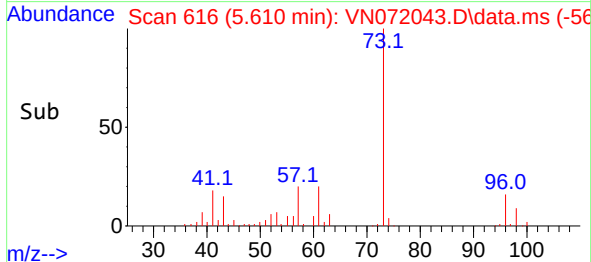
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



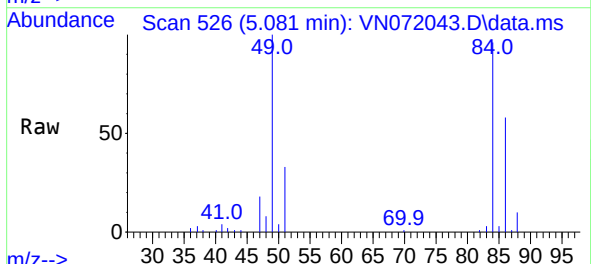
Tgt Ion: 73 Resp: 308674
Ion Ratio Lower Upper
73 100
57 20.3 17.6 26.4

Manual Integrations
APPROVED

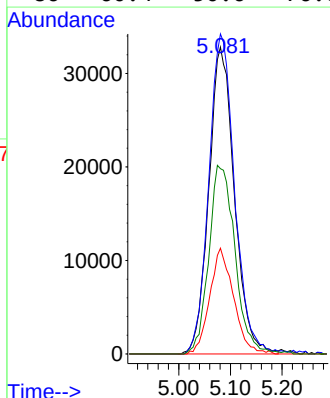
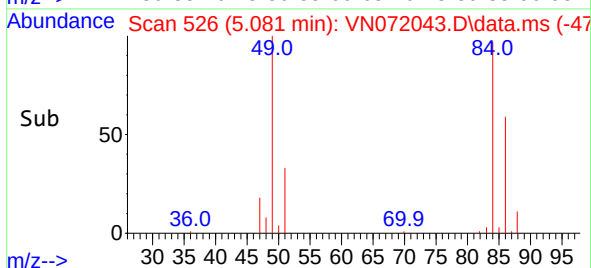
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

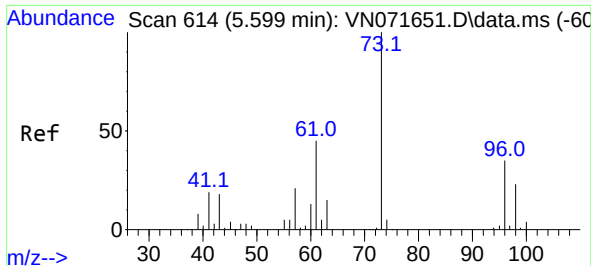


#20
Methylene Chloride
Concen: 21.986 ug/l
RT: 5.081 min Scan# 526
Delta R.T. -0.012 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35



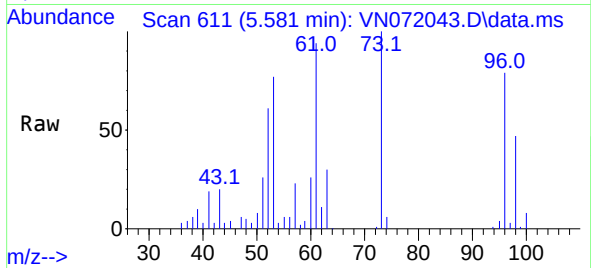
Tgt Ion: 84 Resp: 112913
Ion Ratio Lower Upper
84 100
49 104.3 88.3 132.5
51 34.4 28.2 42.2
86 60.4 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 20.941 ug/l
RT: 5.581 min Scan# 614
Delta R.T. -0.018 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

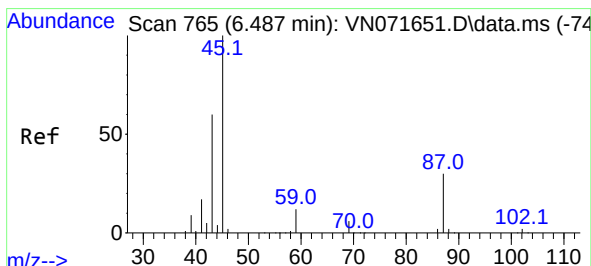
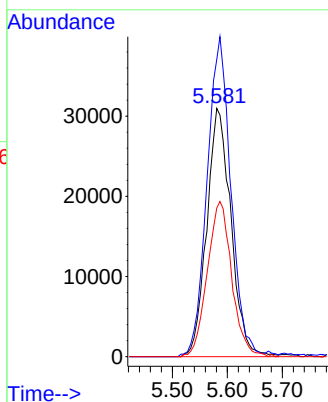
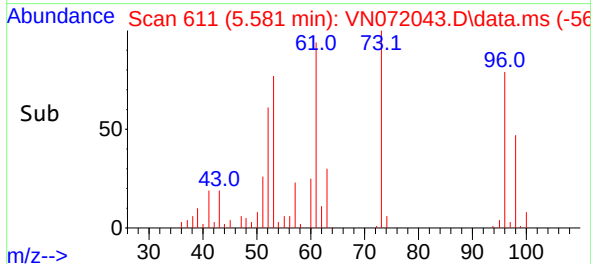
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



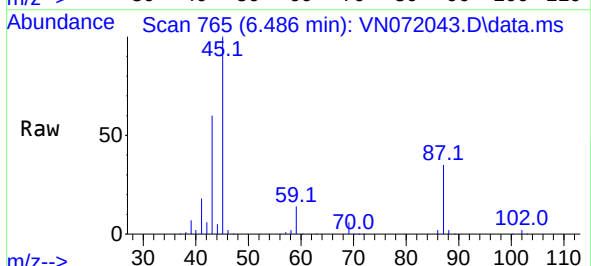
Tgt Ion: 96 Resp: 9476
Ion Ratio Lower Upper
96 100
61 119.6 105.8 158.8
98 59.9 50.3 75.5

Manual Integrations
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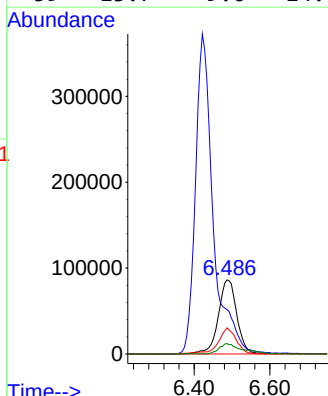
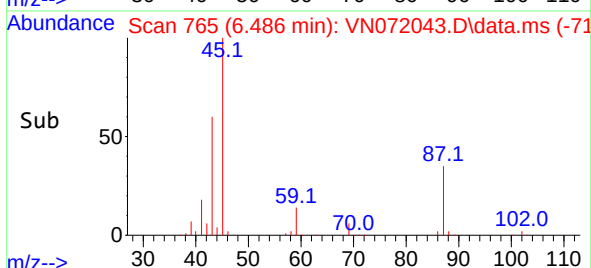
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

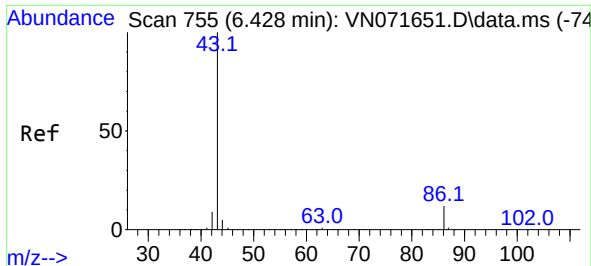


#22
Diisopropyl ether
Concen: 20.159 ug/l
RT: 6.486 min Scan# 765
Delta R.T. -0.001 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35



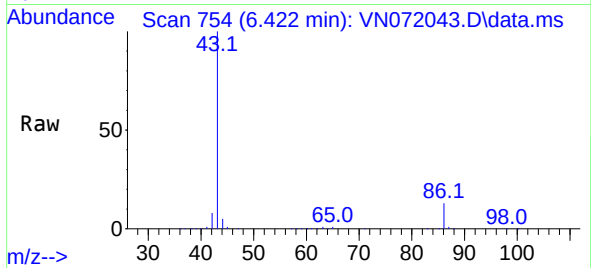
Tgt Ion: 45 Resp: 293627
Ion Ratio Lower Upper
45 100
43 59.7 46.6 70.0
87 35.0 24.3 36.5
59 13.7 9.6 14.4





#23
 Vinyl Acetate
 Concen: 104.549 ug/l
 RT: 6.422 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VN072043.D
 Acq: 19 Apr 2022 12:35

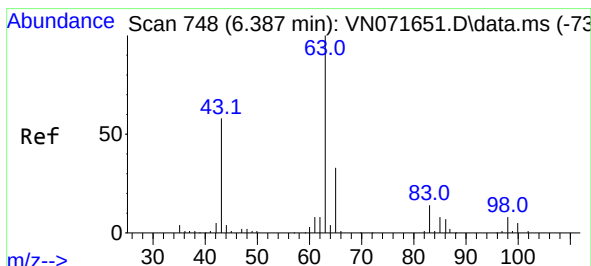
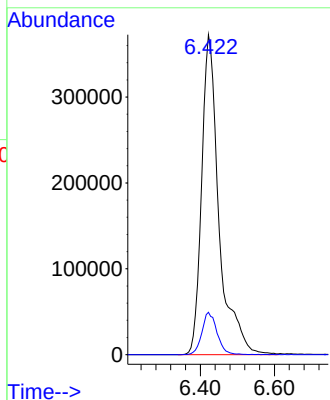
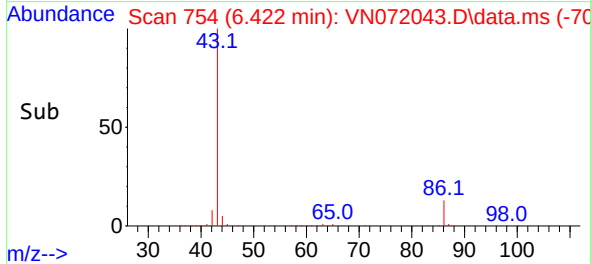
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBS01



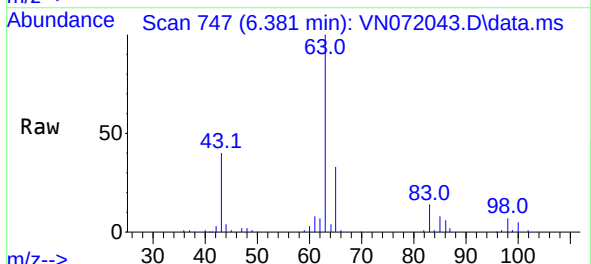
Tgt Ion: 43 Resp: 1210979
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.0 15.0

Manual Integrations
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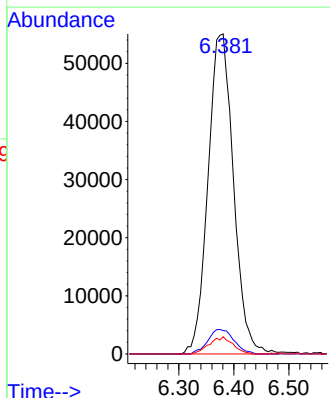
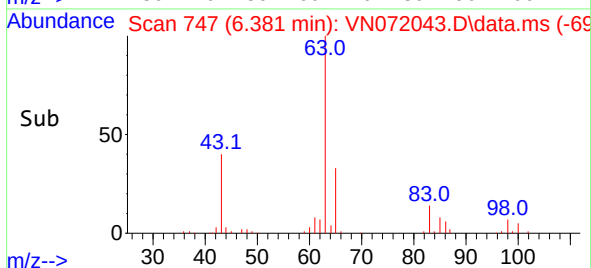
Reviewed By :John Carlone 04/20/2022
 Supervised By :Mahesh Dadoda 04/20/2022

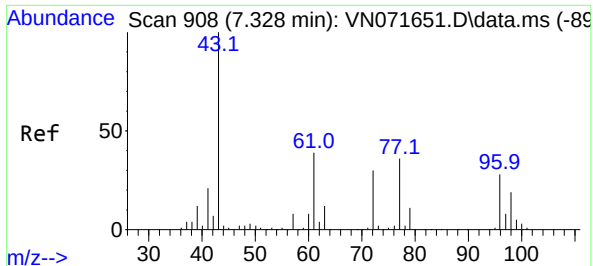


#24
 1,1-Dichloroethane
 Concen: 20.737 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN072043.D
 Acq: 19 Apr 2022 12:35



Tgt Ion: 63 Resp: 177316
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.5 10.4
 100 5.4 2.3 6.8





#25

2-Butanone

Concen: 102.696 ug/l

RT: 7.333 min Scan# 908

Delta R.T. 0.005 min

Lab File: VN072043.D

Acq: 19 Apr 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBS01

Tgt Ion: 43 Resp: 36073

Ion Ratio Lower Upper

43 100

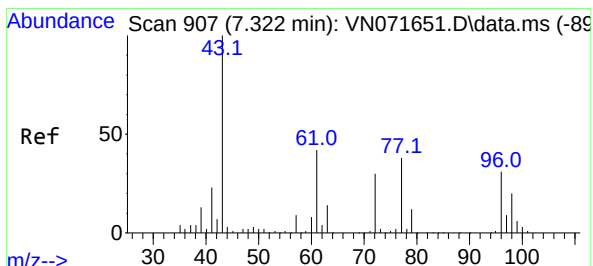
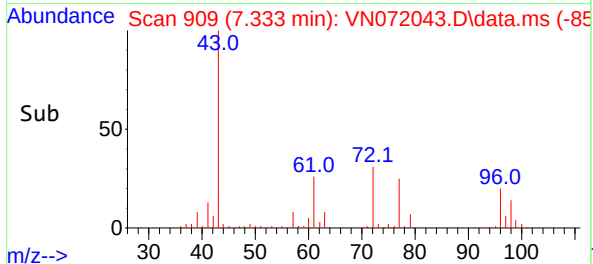
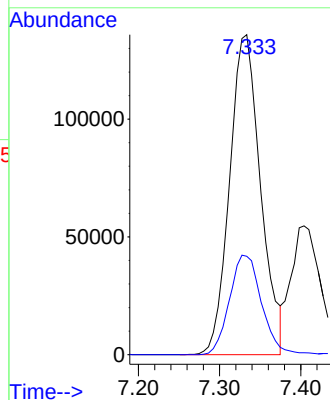
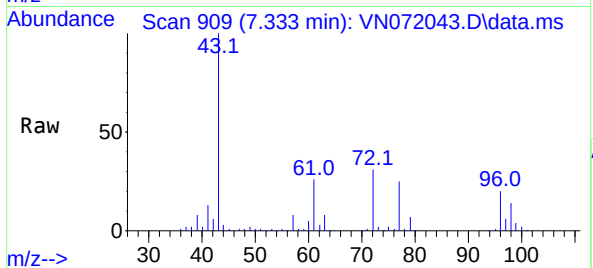
72 30.8 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2022

Supervised By :Mahesh Dadoda 04/20/2022



#26

2,2-Dichloropropane

Concen: 19.598 ug/l

RT: 7.316 min Scan# 906

Delta R.T. -0.006 min

Lab File: VN072043.D

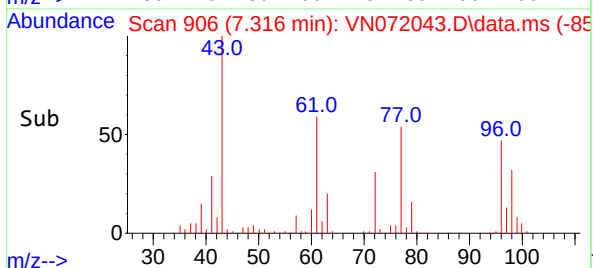
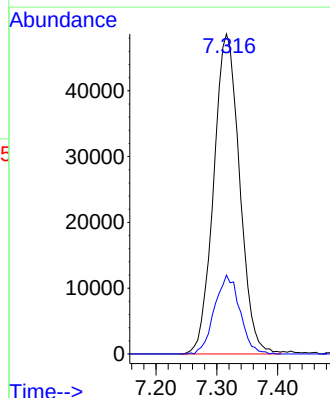
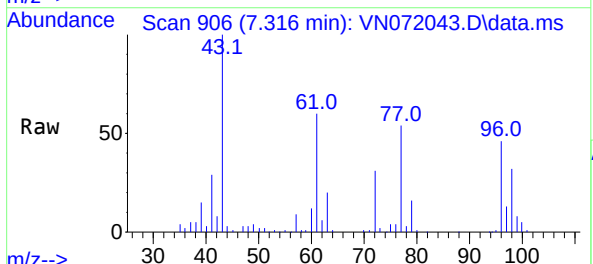
Acq: 19 Apr 2022 12:35

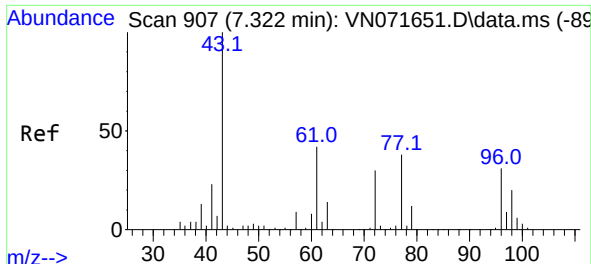
Tgt Ion: 77 Resp: 143959

Ion Ratio Lower Upper

77 100

97 24.0 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 21.283 ug/l

RT: 7.316 min Scan# 907

Delta R.T. -0.006 min

Lab File: VN072043.D

Acq: 19 Apr 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBS01

Tgt Ion: 96 Resp: 11810

Ion Ratio Lower Upper

96 100

61 131.5 0.0 280.6

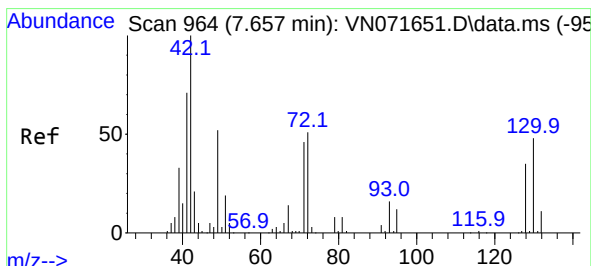
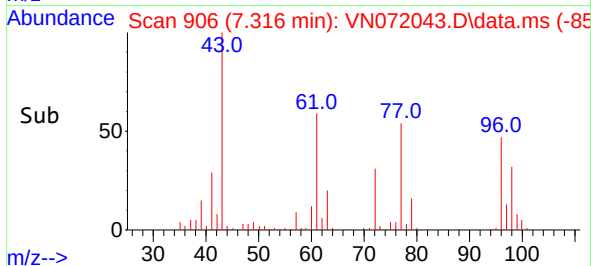
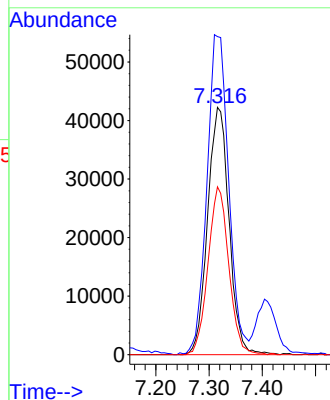
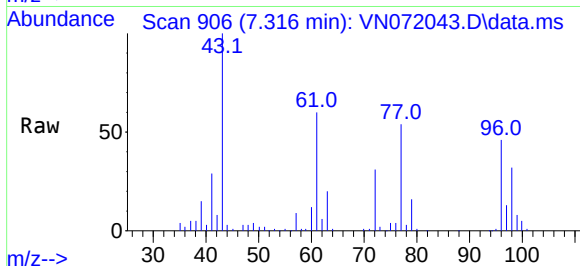
98 65.7 0.0 128.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2022

Supervised By :Mahesh Dadoda 04/20/2022



#28

Bromochloromethane

Concen: 17.900 ug/l

RT: 7.651 min Scan# 963

Delta R.T. -0.006 min

Lab File: VN072043.D

Acq: 19 Apr 2022 12:35

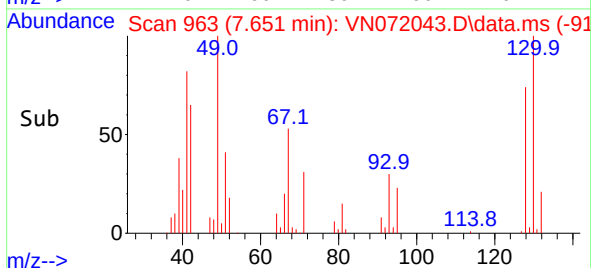
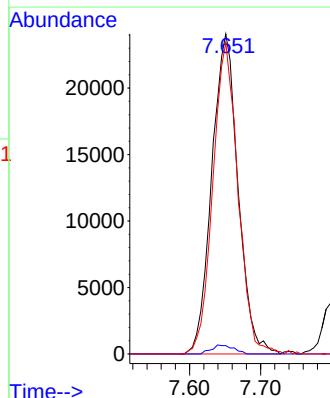
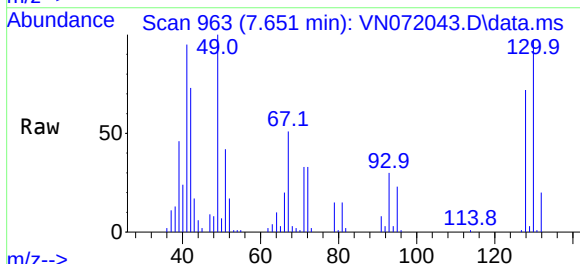
Tgt Ion: 49 Resp: 61745

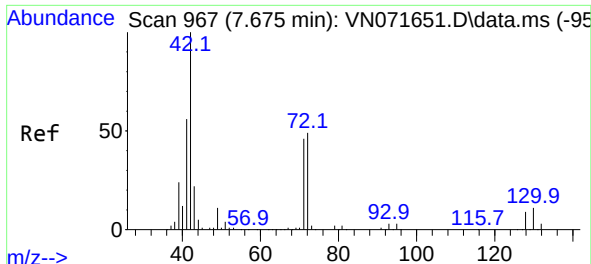
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

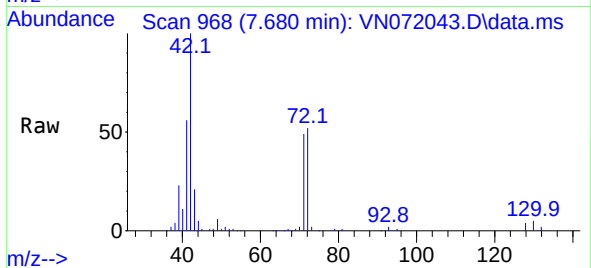
130 93.1 69.7 104.5





#29
Tetrahydrofuran
Concen: 102.092 ug/l
RT: 7.680 min Scan# 90
Delta R.T. 0.005 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

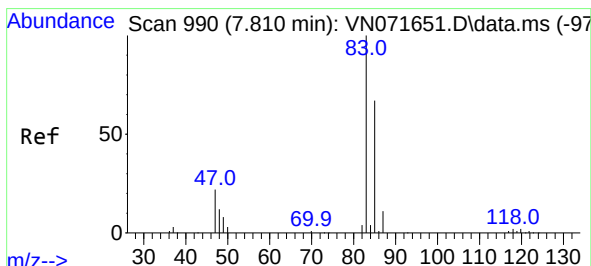
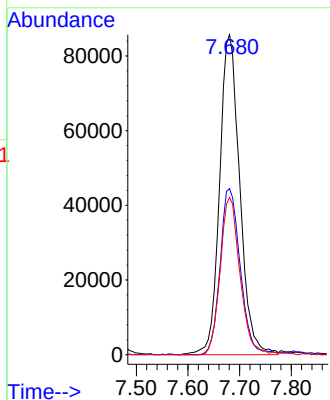
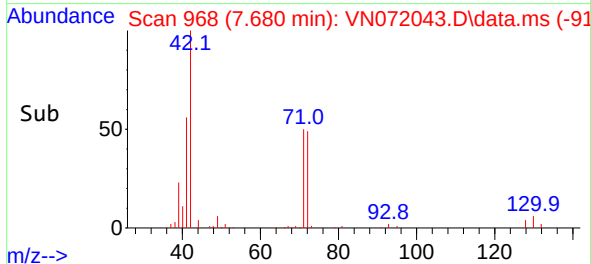
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



Tgt Ion: 42 Resp: 232200
Ion Ratio Lower Upper
42 100
72 51.9 39.7 59.5
71 48.3 36.6 55.0

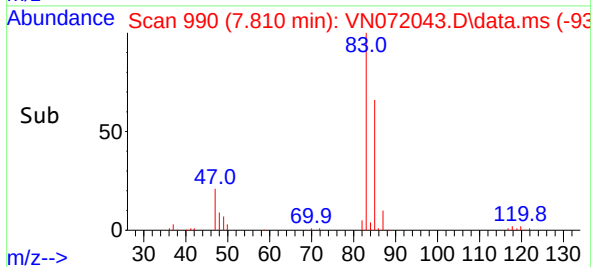
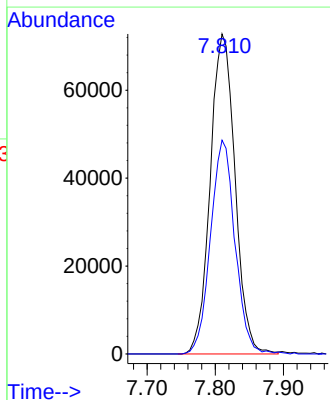
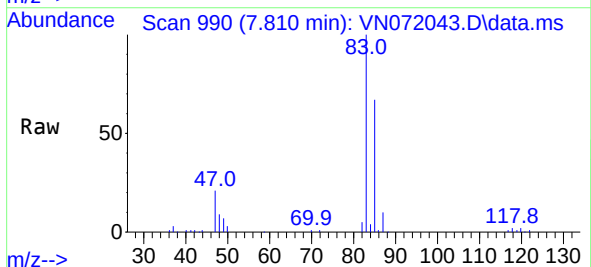
Manual Integrations
APPROVED

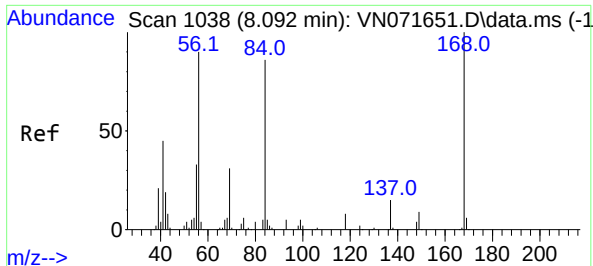
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#30
Chloroform
Concen: 20.428 ug/l
RT: 7.810 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

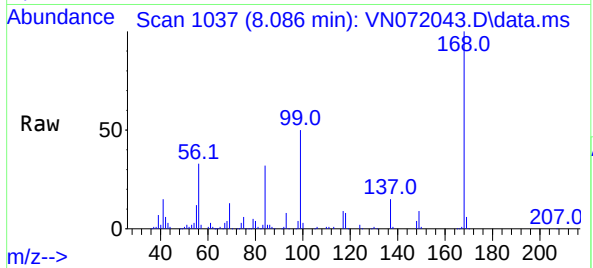
Tgt Ion: 83 Resp: 184438
Ion Ratio Lower Upper
83 100
85 66.8 51.8 77.8





#31
Cyclohexane
Concen: 20.555 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

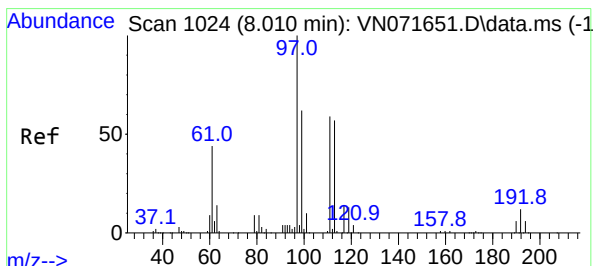
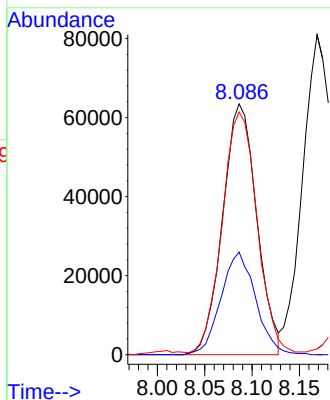
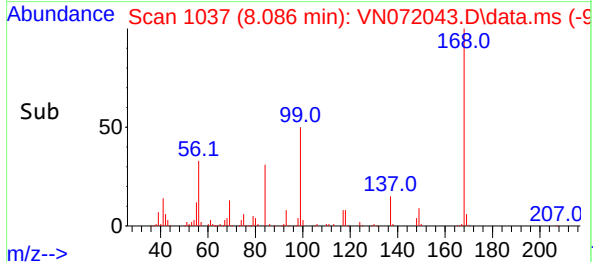
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



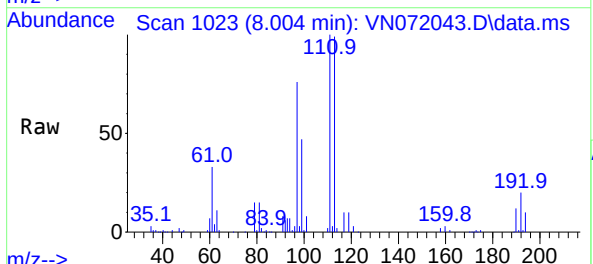
Tgt Ion: 56 Resp: 159379
Ion Ratio Lower Upper
56 100
69 40.9 27.8 41.8
84 95.6 76.9 115.3

Manual Integrations
APPROVED

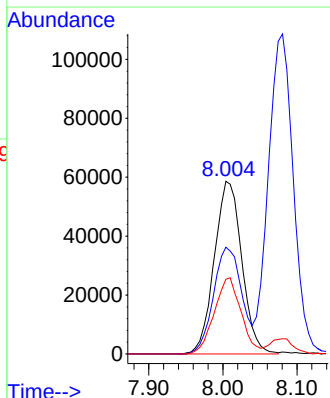
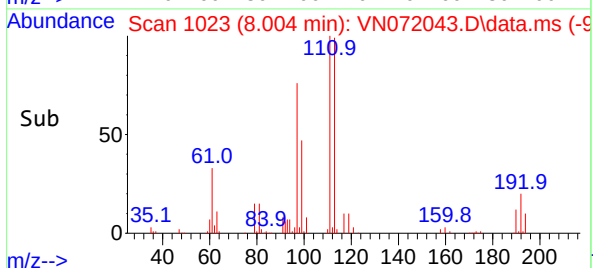
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

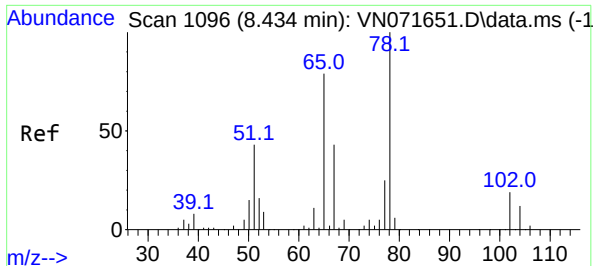


#32
1,1,1-Trichloroethane
Concen: 19.577 ug/l
RT: 8.004 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35



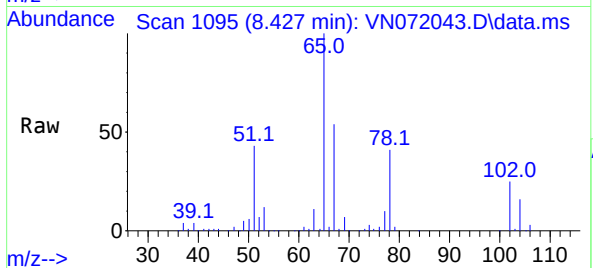
Tgt Ion: 97 Resp: 151215
Ion Ratio Lower Upper
97 100
99 63.5 50.6 76.0
61 42.9 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 45.799 ug/l
RT: 8.427 min Scan# 1095
Delta R.T. -0.007 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

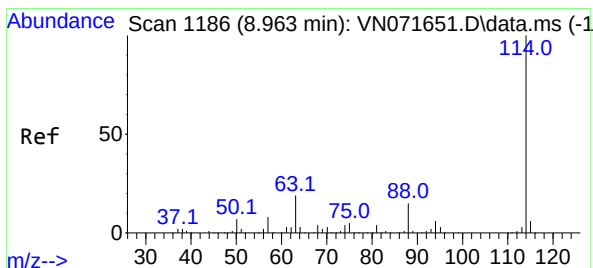
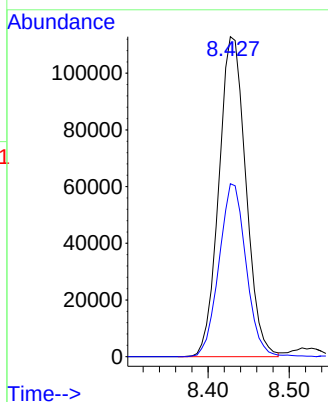
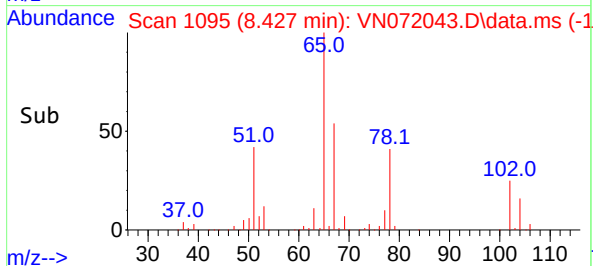
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



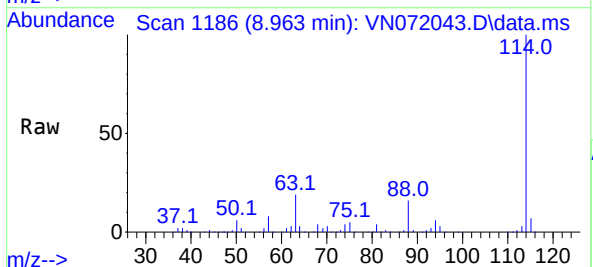
Tgt Ion: 65 Resp: 26112
Ion Ratio Lower Upper
65 100
67 54.2 0.0 104.8

Manual Integrations
APPROVED

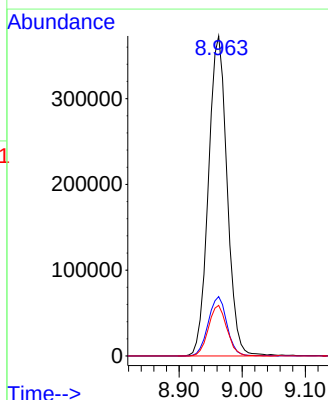
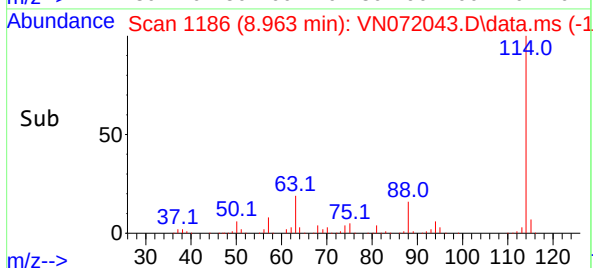
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

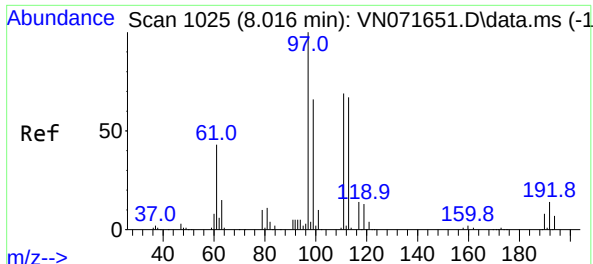


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35



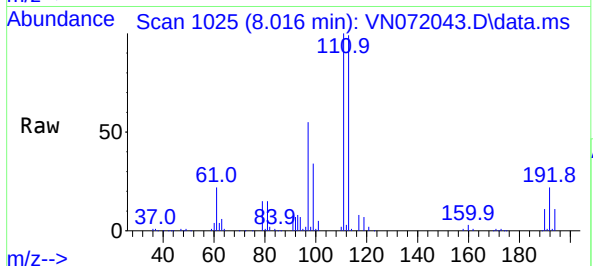
Tgt Ion:114 Resp: 766652
Ion Ratio Lower Upper
114 100
63 18.6 0.0 40.0
88 15.8 0.0 32.6





#35
Dibromofluoromethane
Concen: 51.620 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

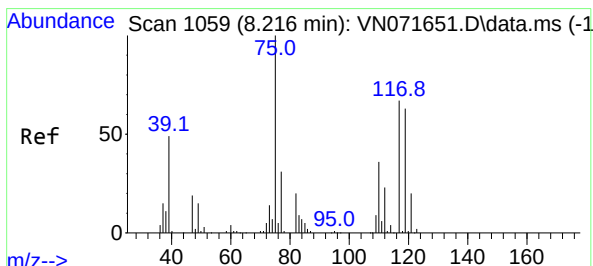
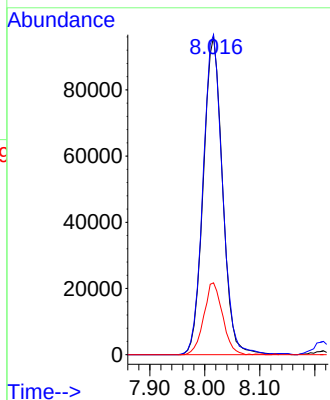
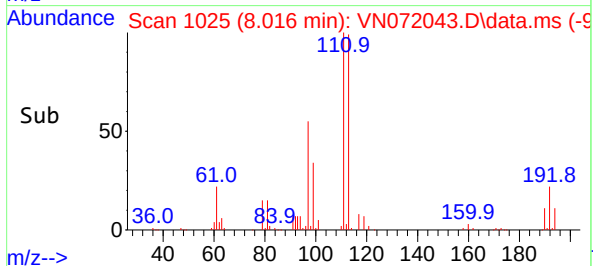
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



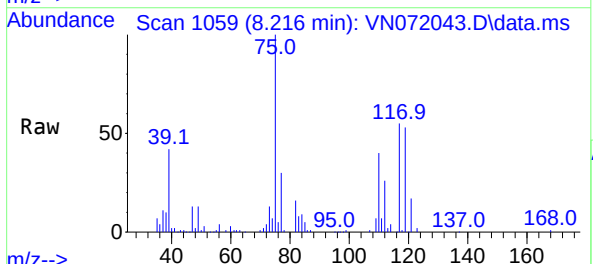
Tgt Ion: 113 Resp: 23287
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.0
192 22.2 17.0 25.6

Manual Integrations
APPROVED

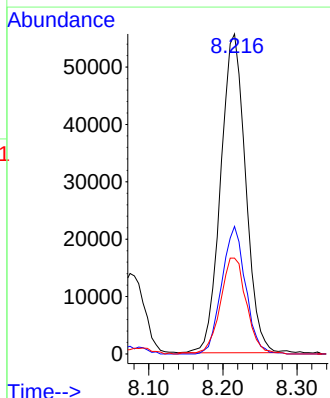
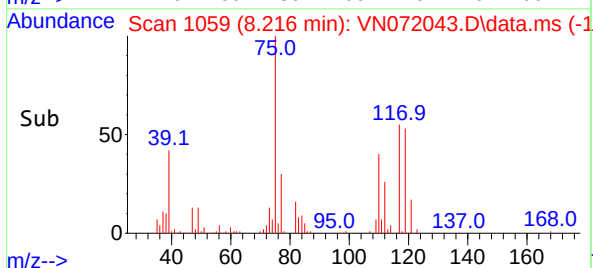
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

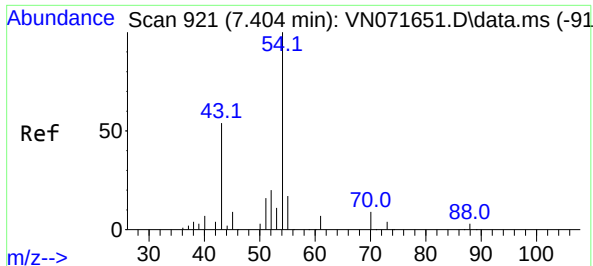


#36
1,1-Dichloropropene
Concen: 20.567 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35



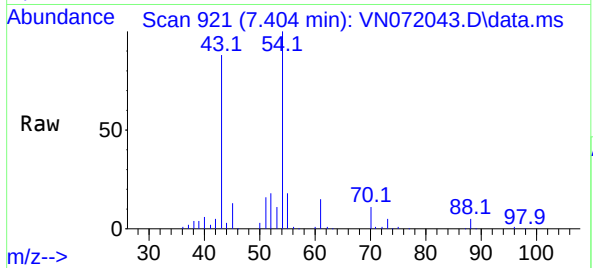
Tgt Ion: 75 Resp: 129571
Ion Ratio Lower Upper
75 100
110 38.3 18.3 54.8
77 31.6 25.1 37.7





#37
Ethyl Acetate
Concen: 20.661 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

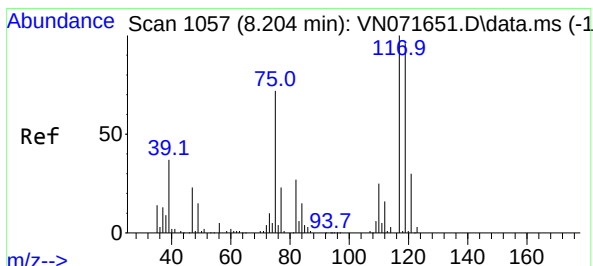
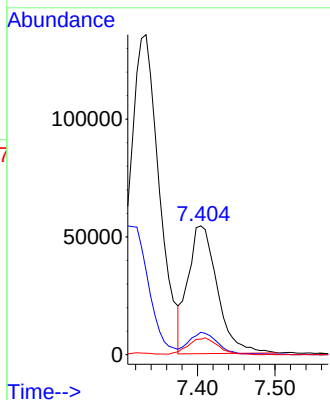
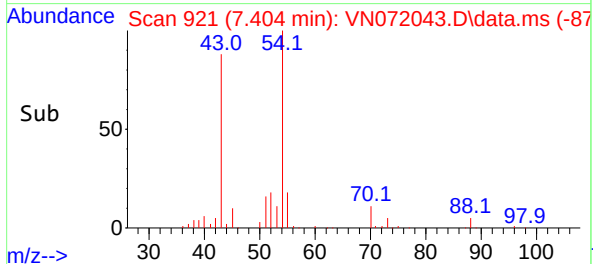
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



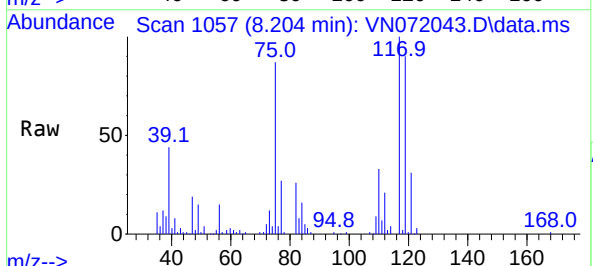
Tgt Ion: 43 Resp: 142464
Ion Ratio Lower Upper
43 100
61 16.6 11.8 17.6
70 13.4 9.3 13.9

Manual Integrations
APPROVED

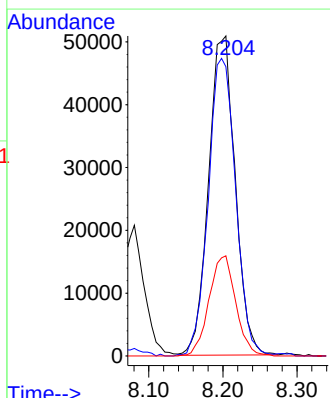
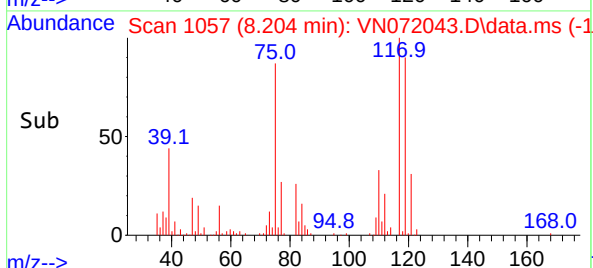
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

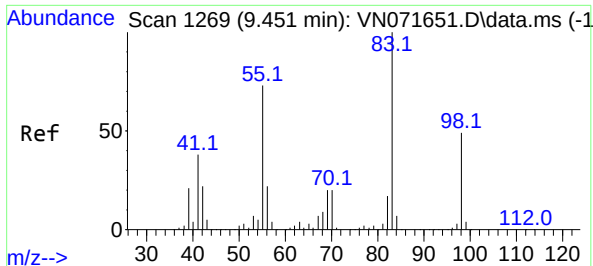


#38
Carbon Tetrachloride
Concen: 20.588 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35



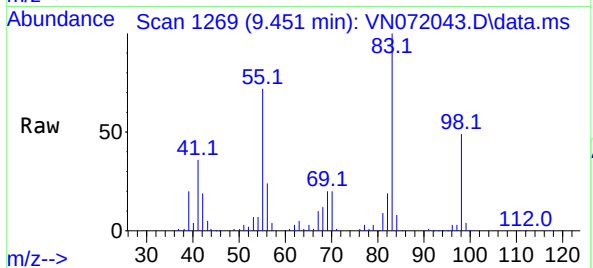
Tgt Ion:117 Resp: 127112
Ion Ratio Lower Upper
117 100
119 90.3 75.8 113.8
121 31.4 24.6 37.0





#39
Methylcyclohexane
Concen: 21.583 ug/l
RT: 9.451 min Scan# 1099
Delta R.T. -0.000 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

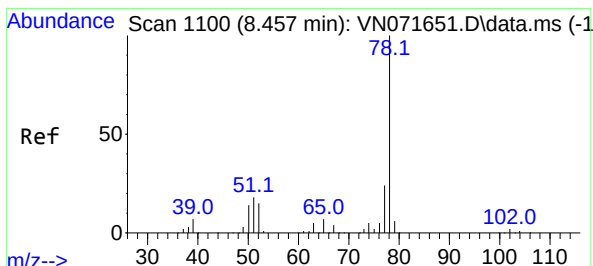
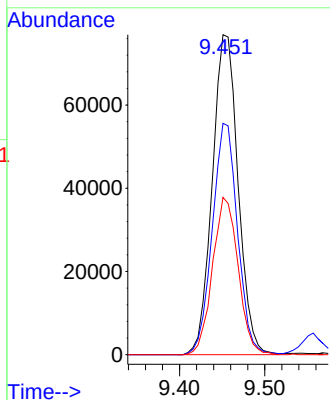
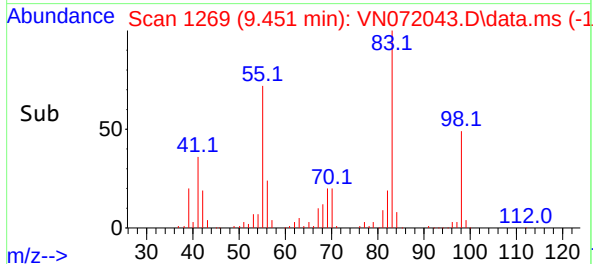
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



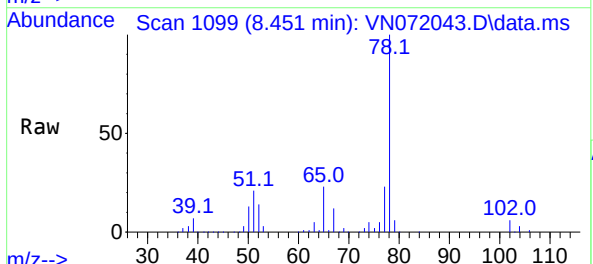
Tgt Ion: 83 Resp: 161854
Ion Ratio Lower Upper
83 100
55 72.3 57.8 86.8
98 49.2 39.4 59.2

Manual Integrations
APPROVED

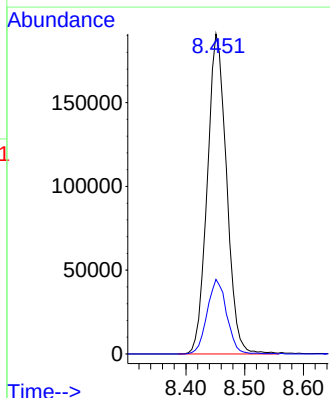
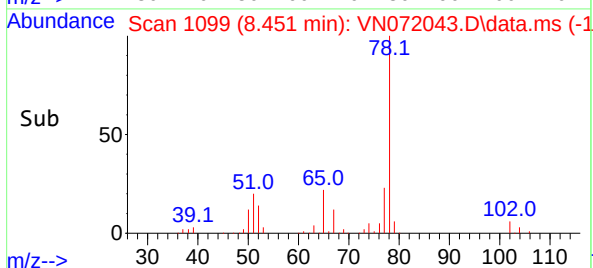
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

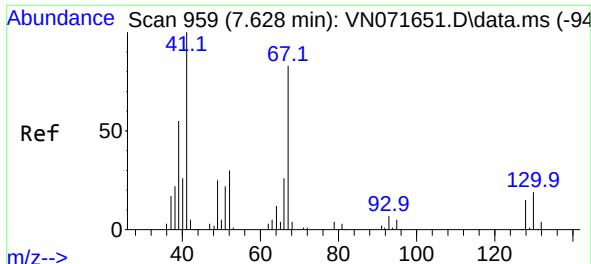


#40
Benzene
Concen: 21.903 ug/l
RT: 8.451 min Scan# 1099
Delta R.T. -0.006 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35



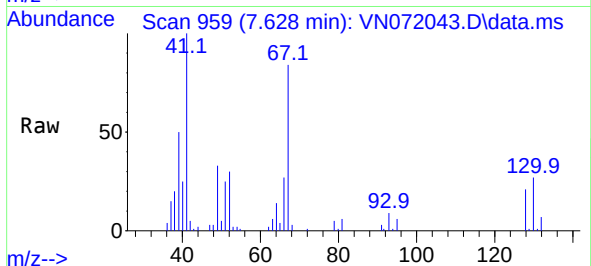
Tgt Ion: 78 Resp: 435891
Ion Ratio Lower Upper
78 100
77 23.3 19.4 29.0





#41
Methacrylonitrile
Concen: 22.335 ug/l
RT: 7.628 min Scan# 959
Delta R.T. -0.000 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

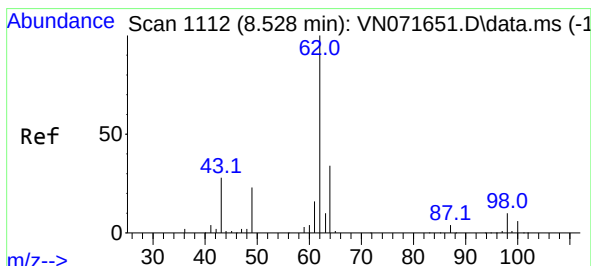
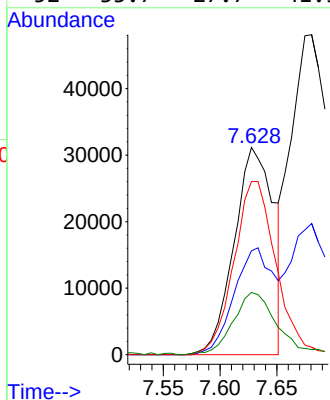
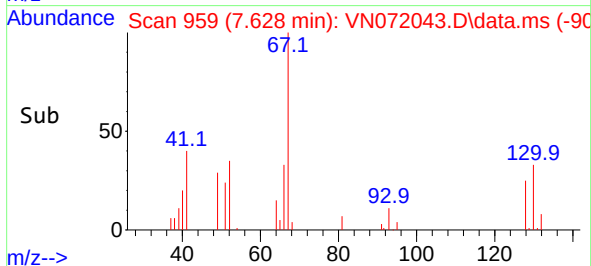
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



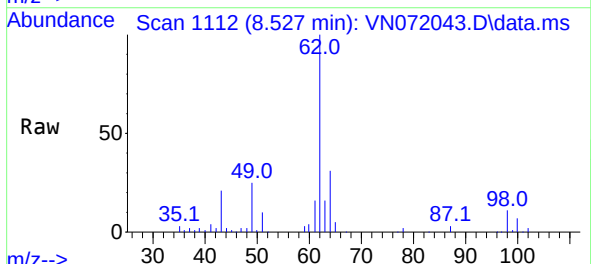
Tgt Ion: 41 Resp: 75408
Ion Ratio Lower Upper
41 100
39 51.6 48.6 73.0
67 89.8 73.4 110.2
52 33.7 27.7 41.5

Manual Integrations
APPROVED

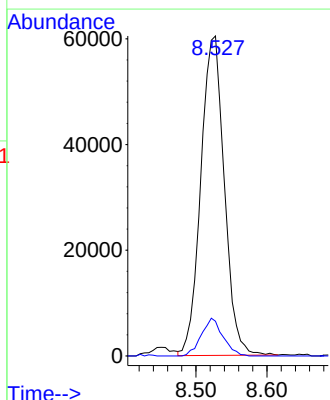
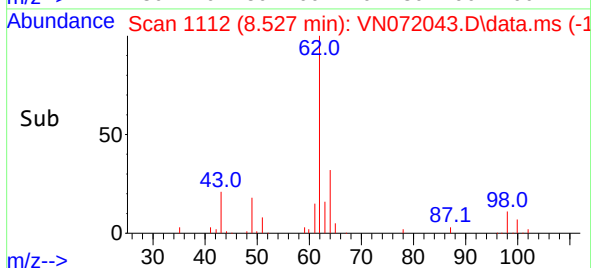
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

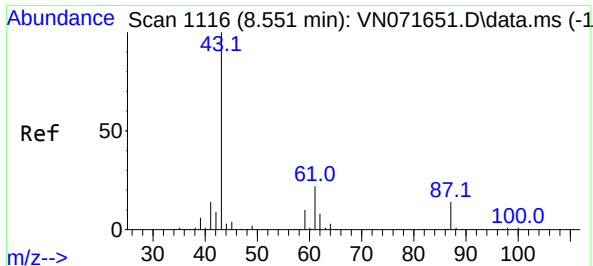


#42
1,2-Dichloroethane
Concen: 20.199 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. -0.001 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35



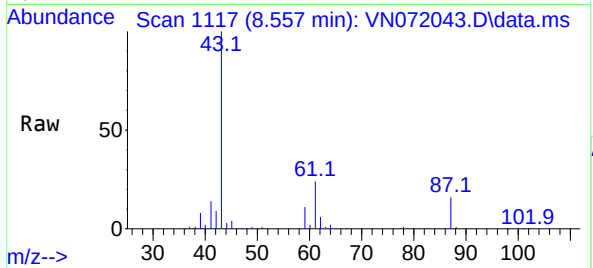
Tgt Ion: 62 Resp: 139051
Ion Ratio Lower Upper
62 100
98 10.9 0.0 19.4





#43
Isopropyl Acetate
Concen: 19.107 ug/l
RT: 8.557 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

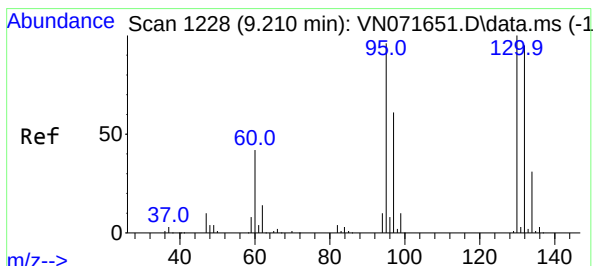
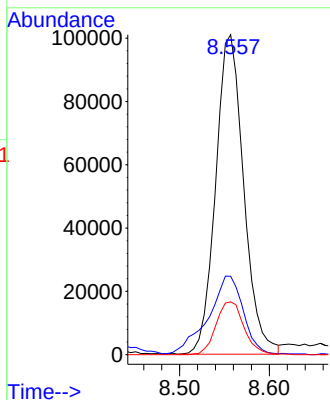
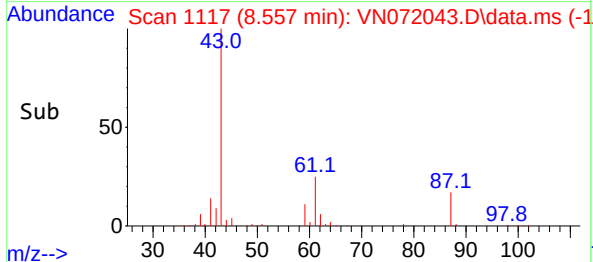
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



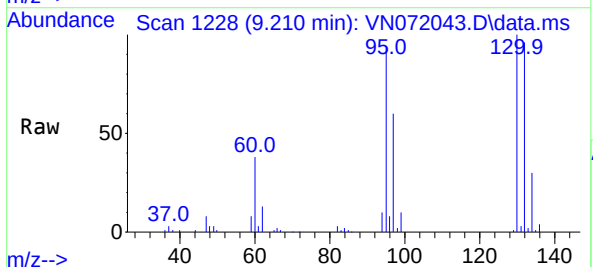
Tgt Ion: 43 Resp: 21914
Ion Ratio Lower Upper
43 100
61 31.2 21.9 32.9
87 16.6 12.0 18.0

Manual Integrations
APPROVED

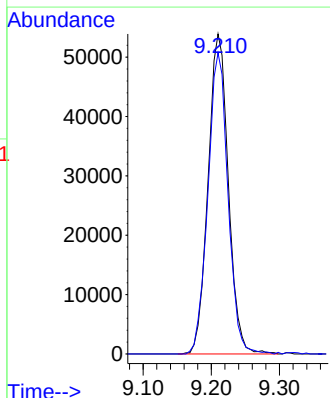
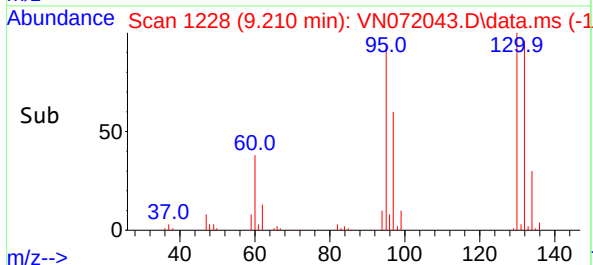
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

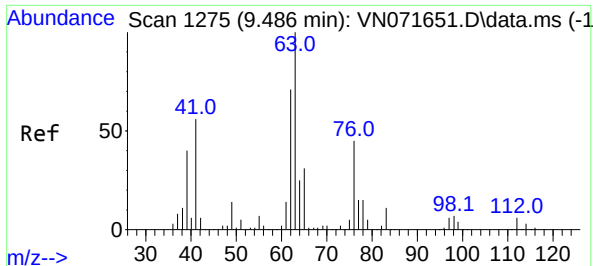


#44
Trichloroethene
Concen: 21.735 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35



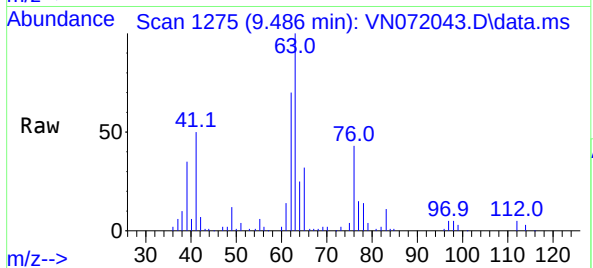
Tgt Ion:130 Resp: 111437
Ion Ratio Lower Upper
130 100
95 94.0 0.0 186.8





#45
1,2-Dichloropropane
Concen: 21.870 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

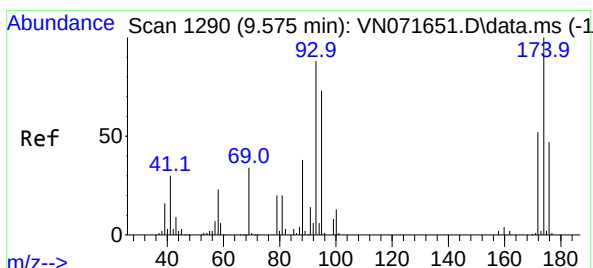
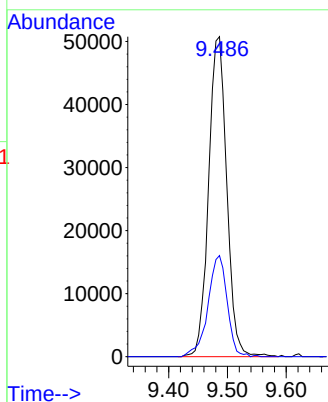
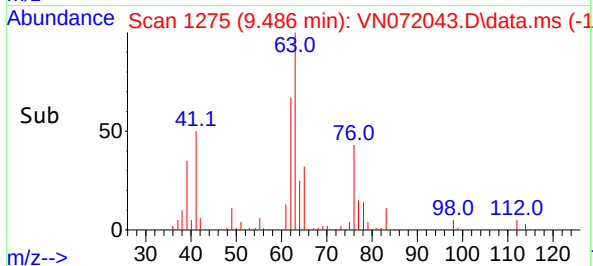
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



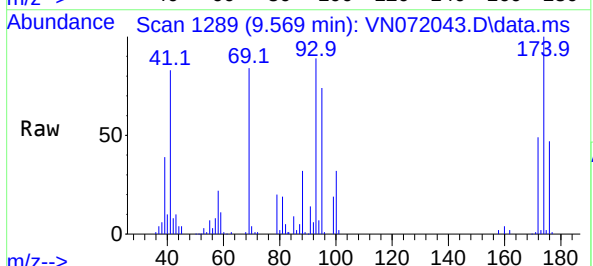
Tgt Ion: 63 Resp: 10873
Ion Ratio Lower Upper
63 100
65 31.6 24.9 37.3

Manual Integrations
APPROVED

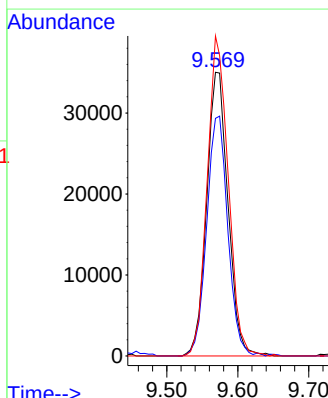
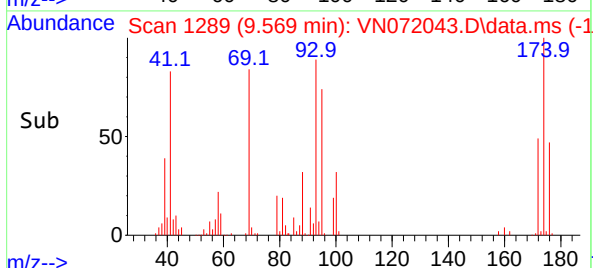
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

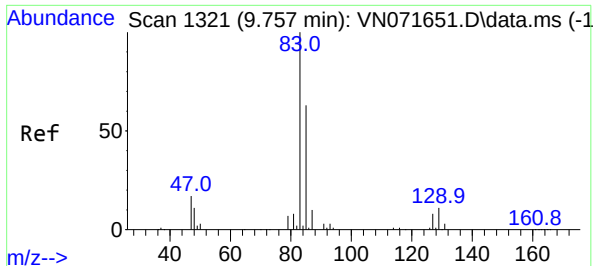


#46
Dibromomethane
Concen: 21.686 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. -0.006 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35



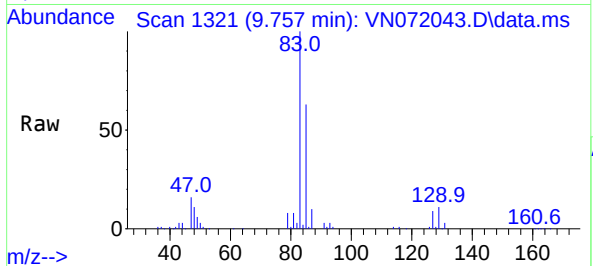
Tgt Ion: 93 Resp: 73202
Ion Ratio Lower Upper
93 100
95 83.7 66.9 100.3
174 110.9 86.6 130.0





#47
Bromodichloromethane
Concen: 21.304 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

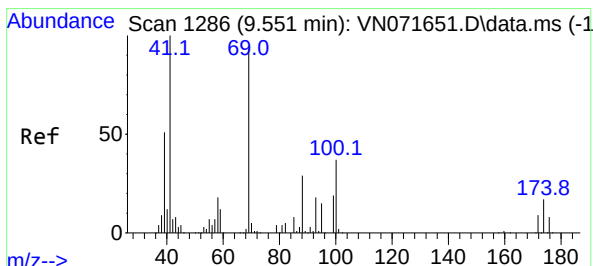
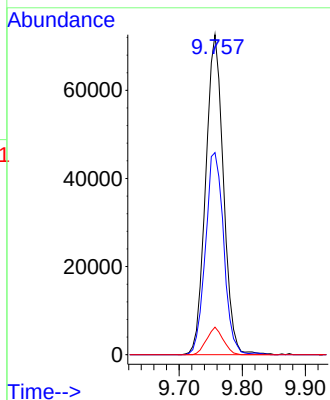
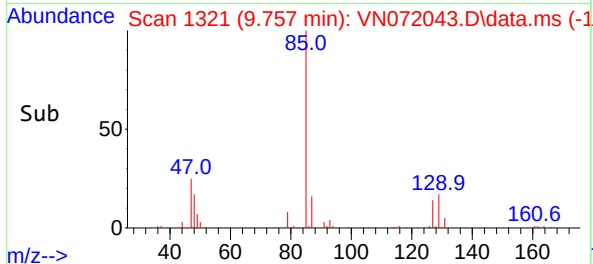
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



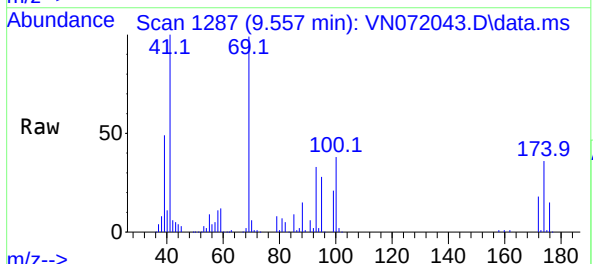
Tgt Ion: 83 Resp: 141550
Ion Ratio Lower Upper
83 100
85 63.1 50.5 75.7
127 8.6 6.8 10.2

Manual Integrations
APPROVED

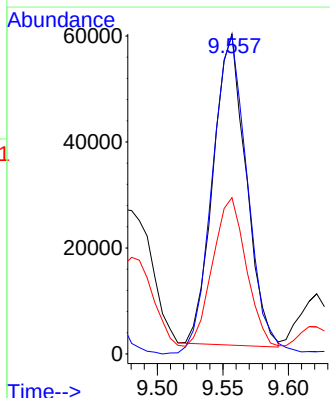
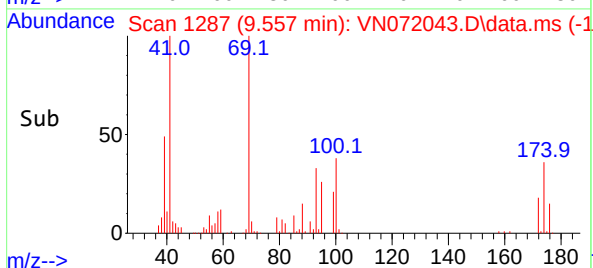
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

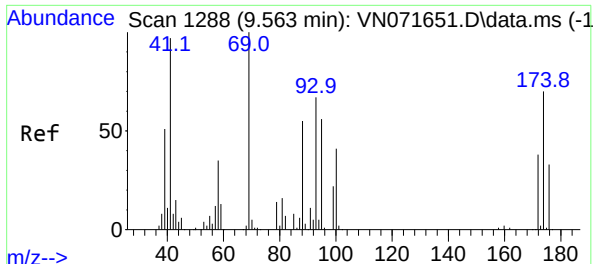


#48
Methyl methacrylate
Concen: 21.394 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35



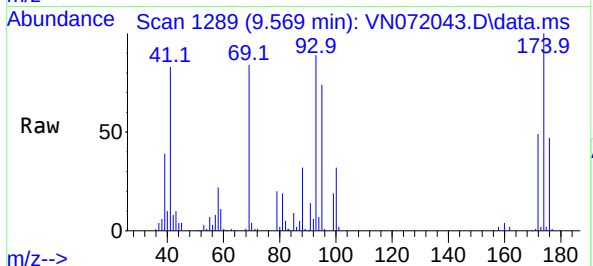
Tgt Ion: 41 Resp: 101802
Ion Ratio Lower Upper
41 100
69 110.3 74.7 112.1
39 54.7 45.6 68.4





#49
1,4-Dioxane
Concen: 228.216 ug/l
RT: 9.569 min Scan# 1288
Delta R.T. 0.006 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

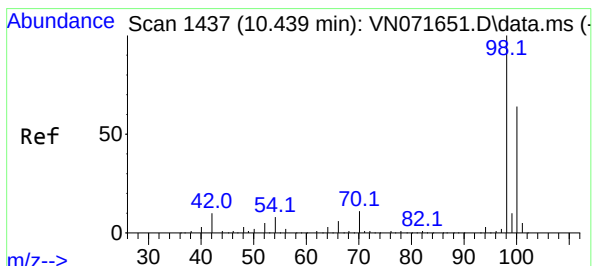
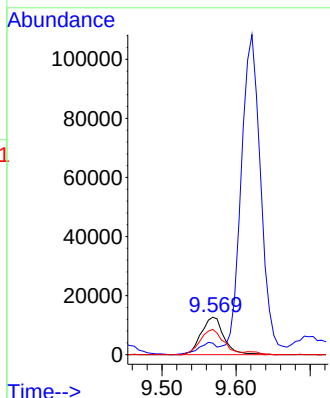
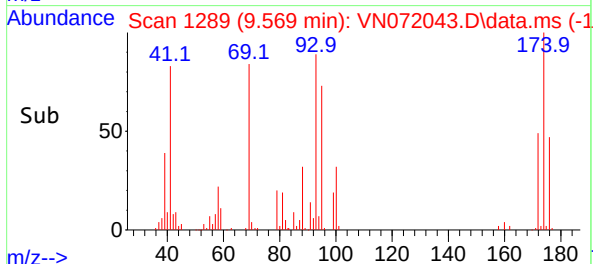
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



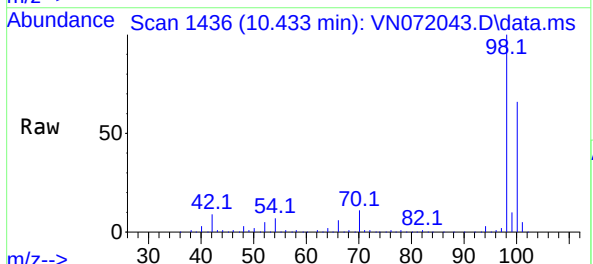
Tgt Ion: 88 Resp: 26960
Ion Ratio Lower Upper
88 100
43 26.1 20.2 30.4
58 69.5 54.2 81.4

Manual Integrations
APPROVED

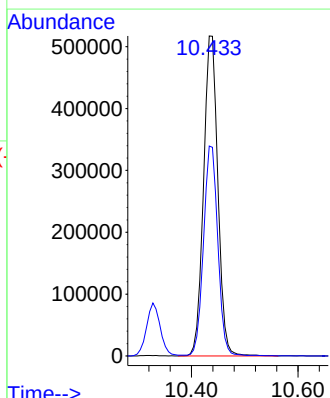
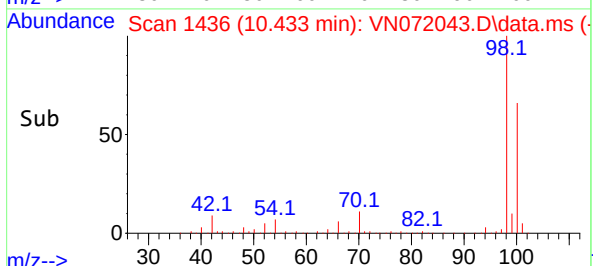
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

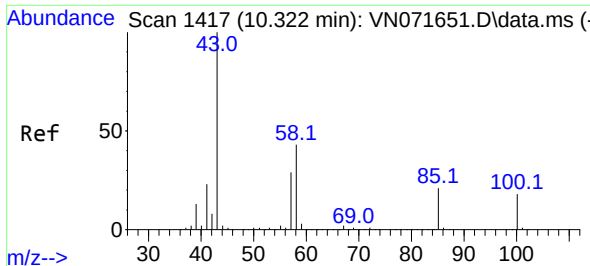


#50
Toluene-d8
Concen: 52.454 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35



Tgt Ion: 98 Resp: 968026
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8





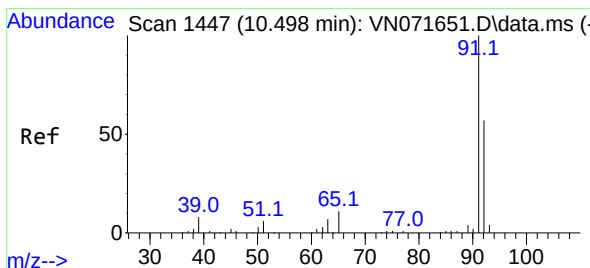
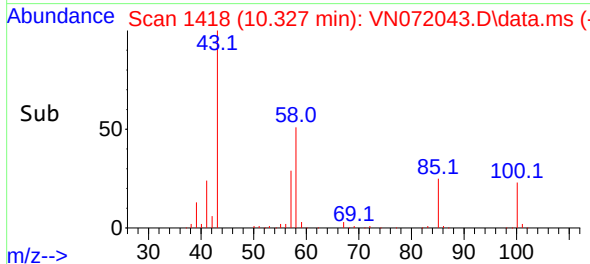
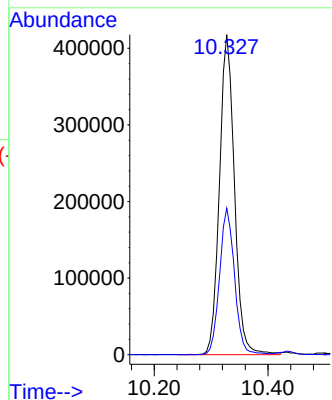
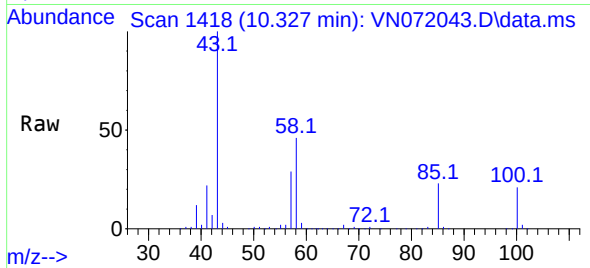
#51
4-Methyl-2-Pentanone
Concen: 116.379 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.005 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01

Tgt Ion: 43 Resp: 767423
Ion Ratio Lower Upper
43 100
58 45.6 34.1 51.1

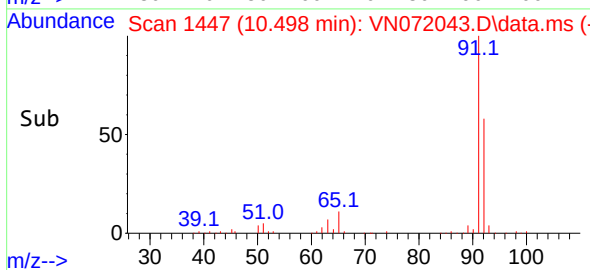
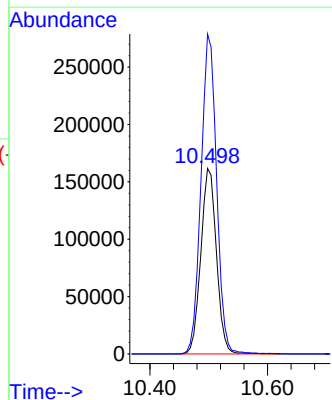
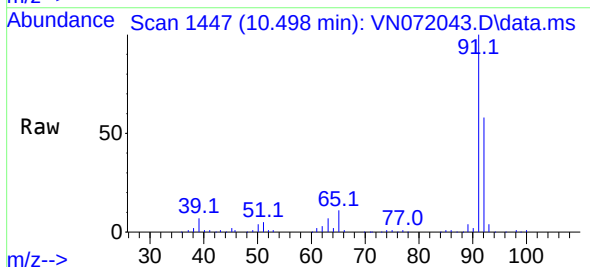
Manual Integrations
APPROVED

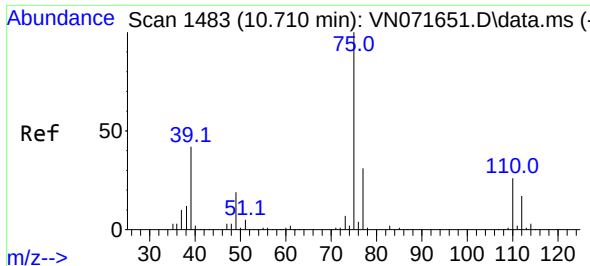
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#52
Toluene
Concen: 23.767 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

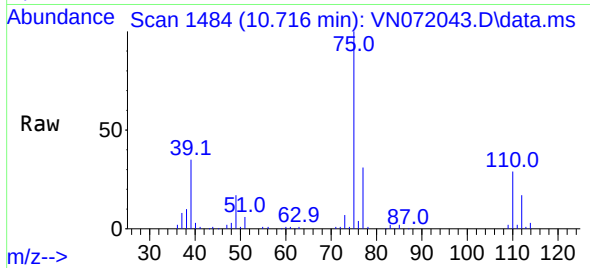
Tgt Ion: 92 Resp: 298983
Ion Ratio Lower Upper
92 100
91 172.5 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 22.567 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

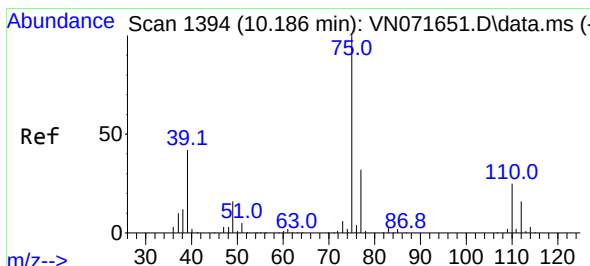
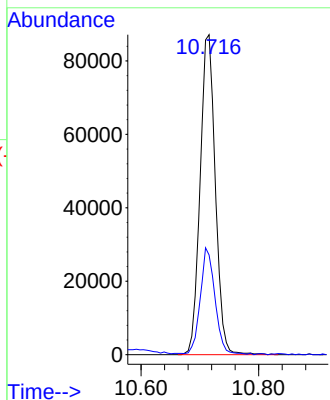
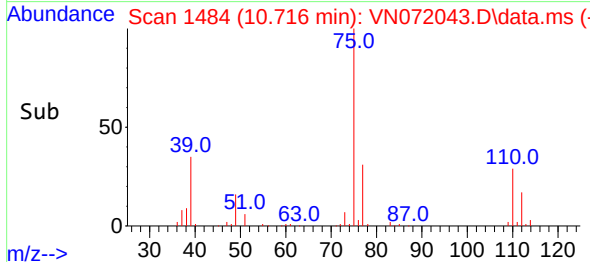
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



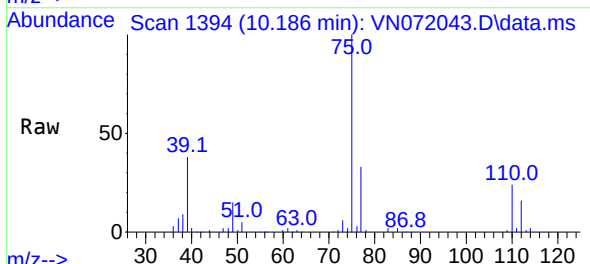
Tgt Ion: 75 Resp: 15715
Ion Ratio Lower Upper
75 100
77 30.8 25.6 38.4

Manual Integrations
APPROVED

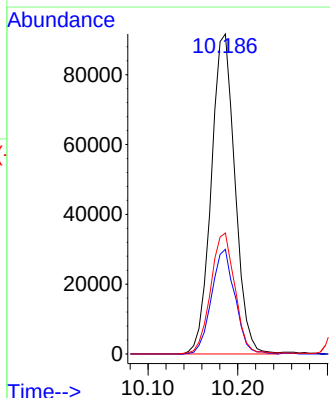
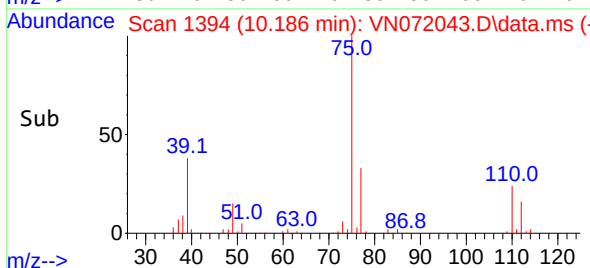
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

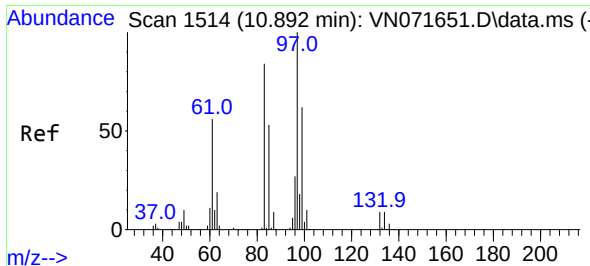


#54
cis-1,3-Dichloropropene
Concen: 21.895 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35



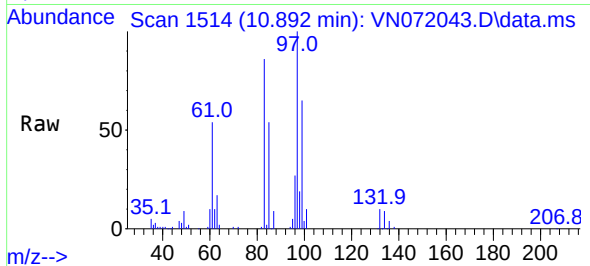
Tgt Ion: 75 Resp: 168471
Ion Ratio Lower Upper
75 100
77 32.7 25.2 37.8
39 37.8 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 23.414 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

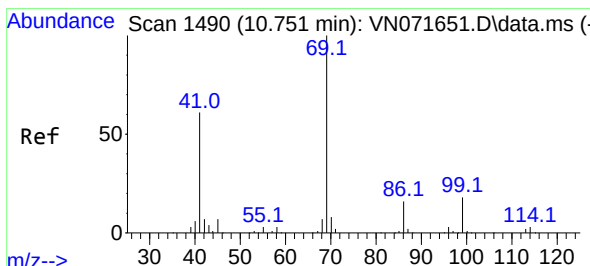
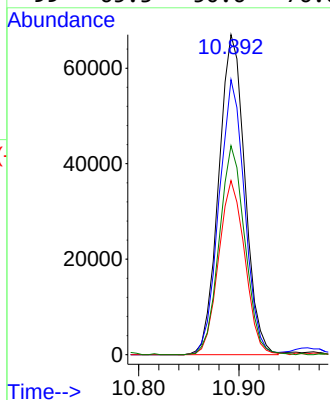
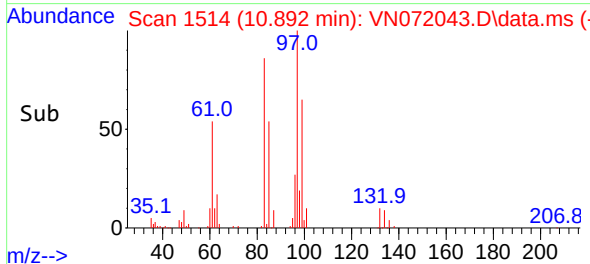
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



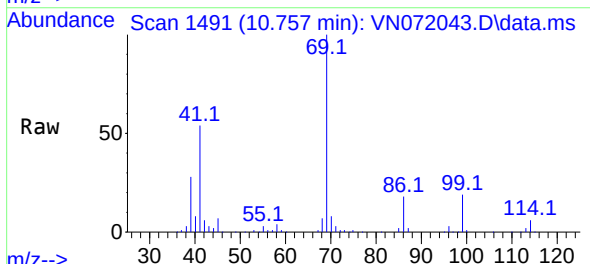
Tgt Ion: 97 Resp: 121223
Ion Ratio Lower Upper
97 100
83 86.0 66.2 99.4
85 54.4 43.9 65.9
99 65.3 50.6 76.0

Manual Integrations
APPROVED

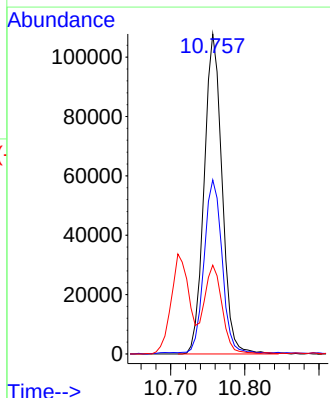
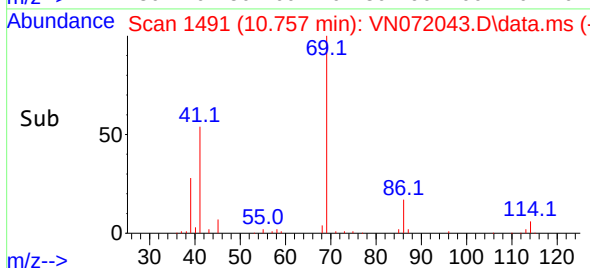
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

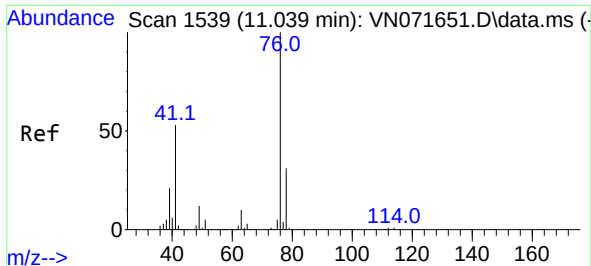


#56
Ethyl methacrylate
Concen: 24.517 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35



Tgt Ion: 69 Resp: 181084
Ion Ratio Lower Upper
69 100
41 53.8 47.8 71.6
39 27.8 27.3 40.9





#57

1,3-Dichloropropane

Concen: 23.277 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072043.D

Acq: 19 Apr 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBS01

Tgt Ion: 76 Resp: 201494

Ion Ratio Lower Upper

76 100

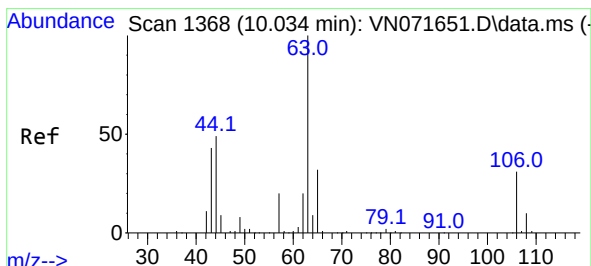
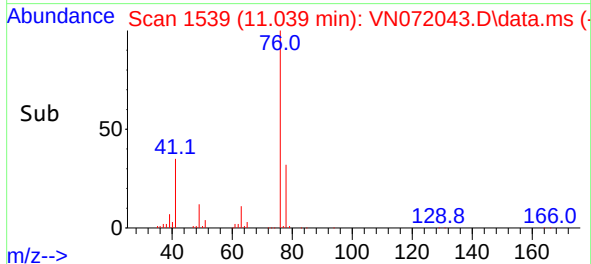
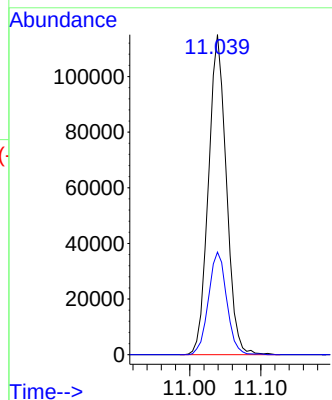
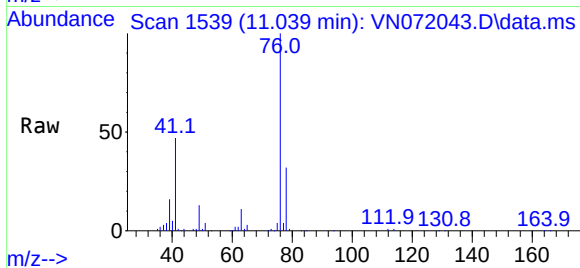
78 32.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2022

Supervised By :Mahesh Dadoda 04/20/2022



#58

2-Chloroethyl Vinyl ether

Concen: 128.244 ug/l

RT: 10.033 min Scan# 1368

Delta R.T. -0.001 min

Lab File: VN072043.D

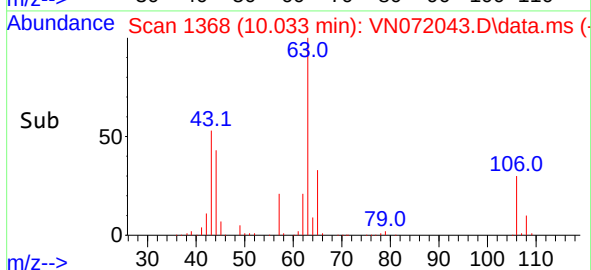
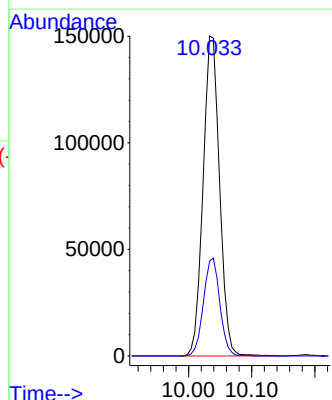
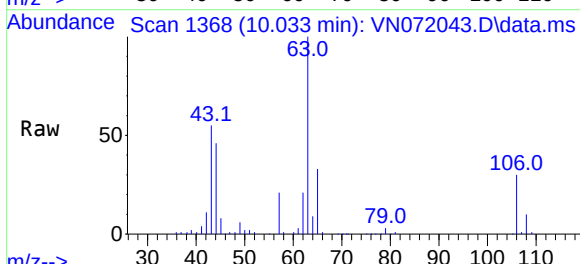
Acq: 19 Apr 2022 12:35

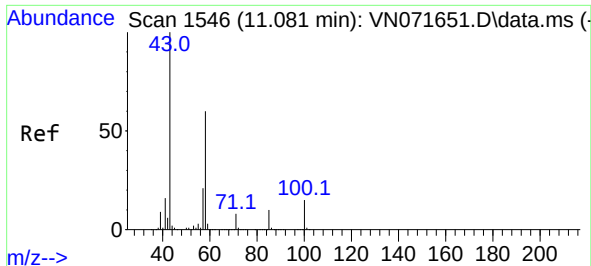
Tgt Ion: 63 Resp: 271451

Ion Ratio Lower Upper

63 100

106 30.4 24.6 36.8





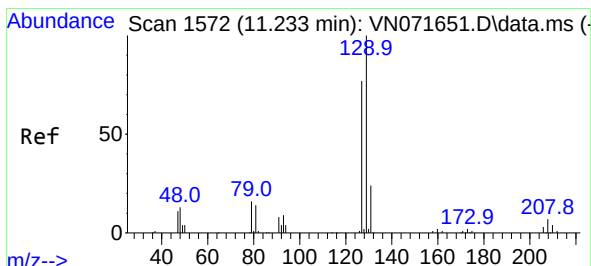
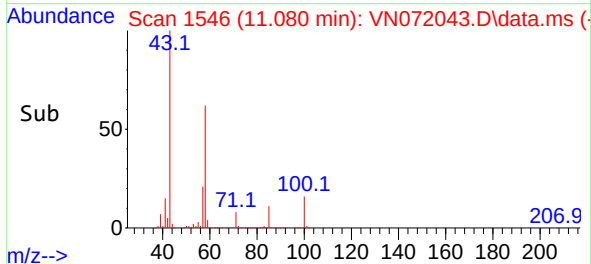
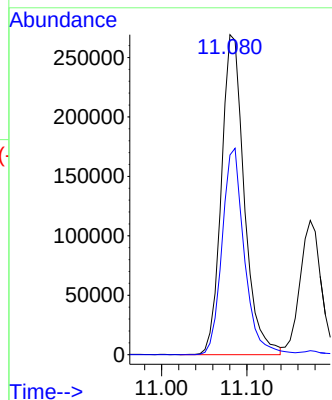
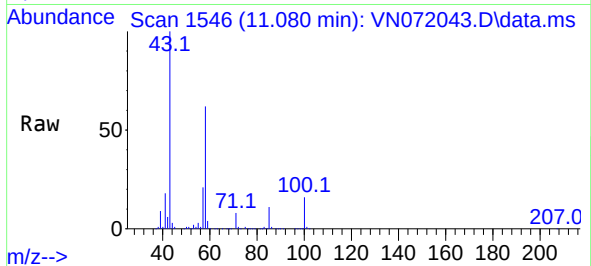
#59
2-Hexanone
Concen: 108.081 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01

Tgt Ion: 43 Resp: 501778
Ion Ratio Lower Upper
43 100
58 62.9 29.7 89.1

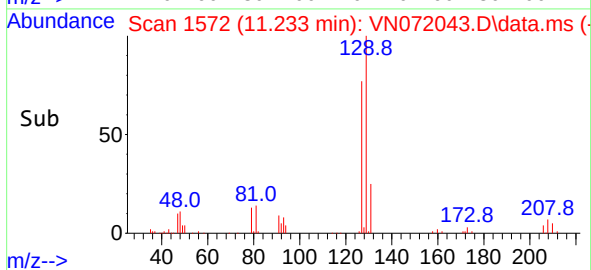
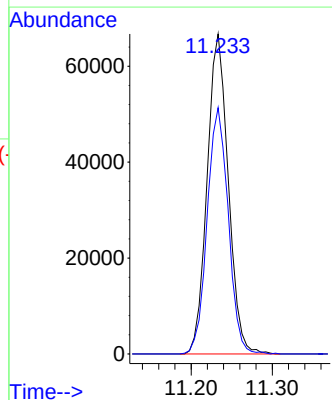
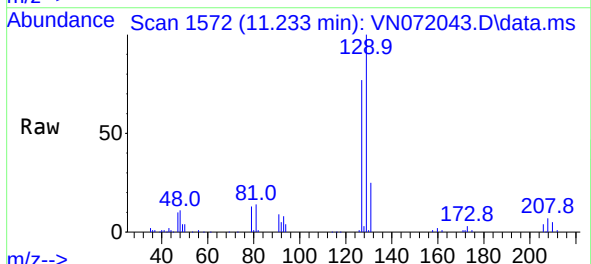
Manual Integrations
APPROVED

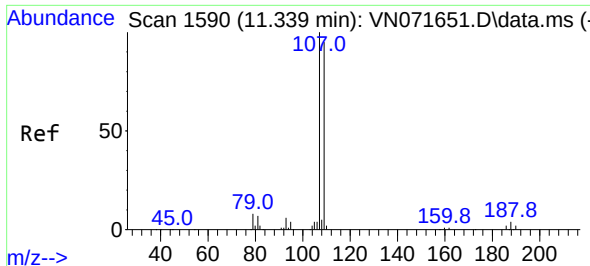
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#60
Dibromochloromethane
Concen: 23.885 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

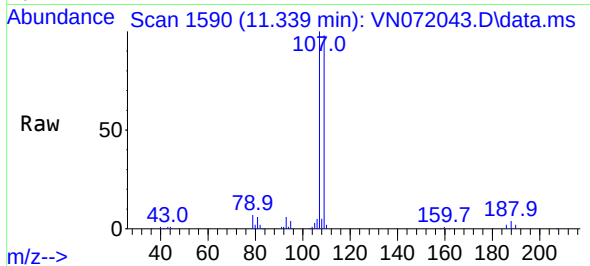
Tgt Ion:129 Resp: 120581
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.4





#61
1,2-Dibromoethane
Concen: 24.363 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

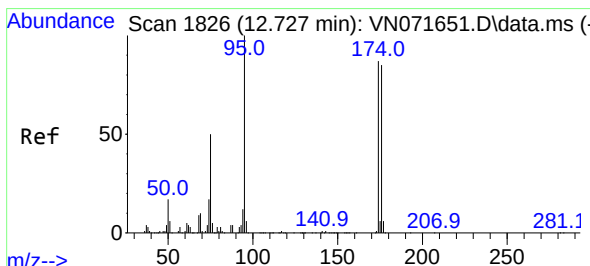
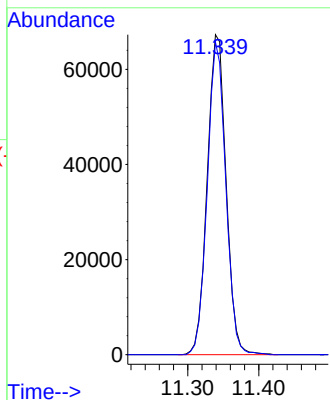
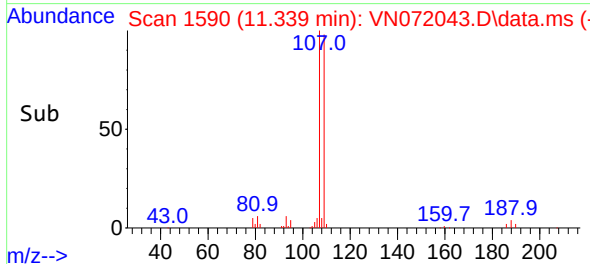
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



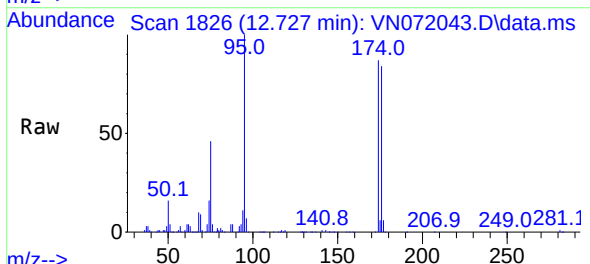
Tgt Ion:107 Resp: 124162
Ion Ratio Lower Upper
107 100
109 95.6 75.0 112.6

Manual Integrations
APPROVED

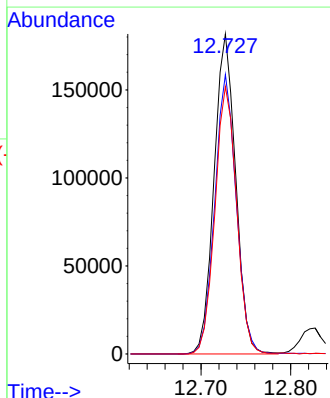
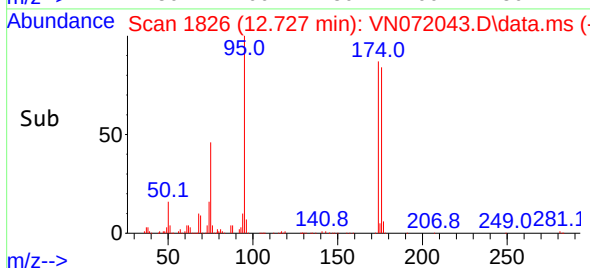
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

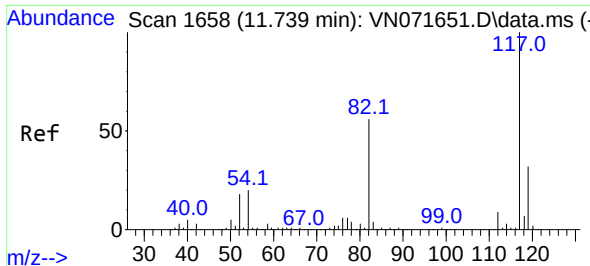


#62
4-Bromofluorobenzene
Concen: 50.859 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35



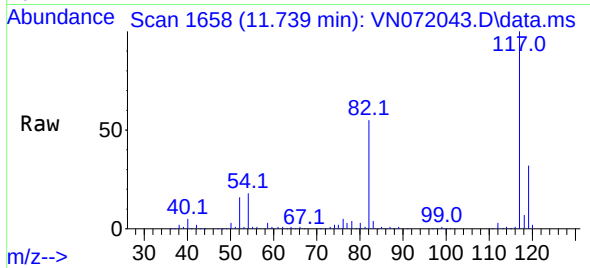
Tgt Ion: 95 Resp: 303555
Ion Ratio Lower Upper
95 100
174 86.9 0.0 167.6
176 83.7 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

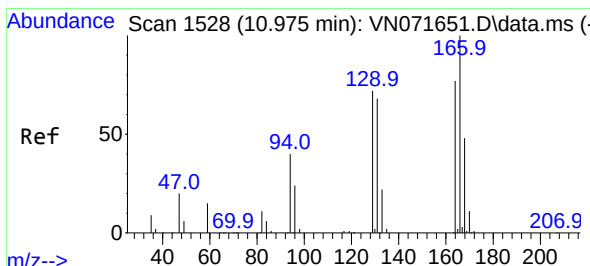
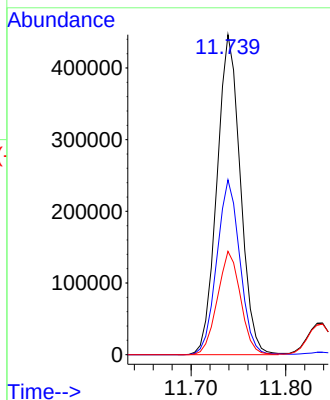
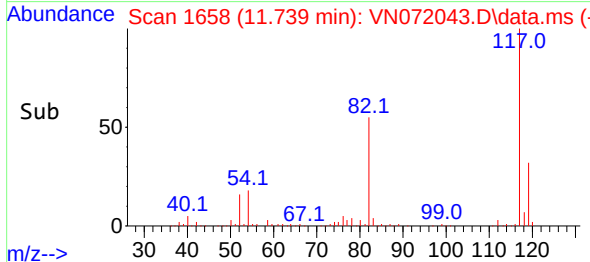
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



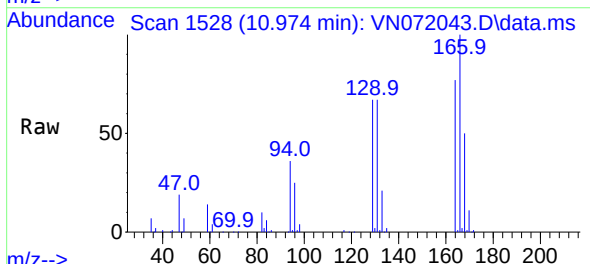
Tgt Ion:117 Resp: 76649
Ion Ratio Lower Upper
117 100
82 54.7 44.2 66.2
119 32.3 25.4 38.0

Manual Integrations
APPROVED

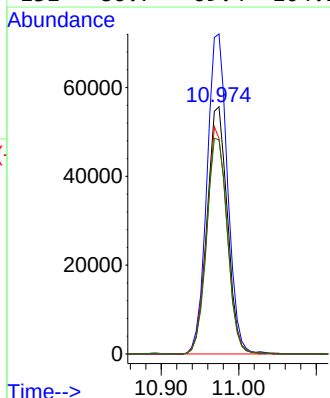
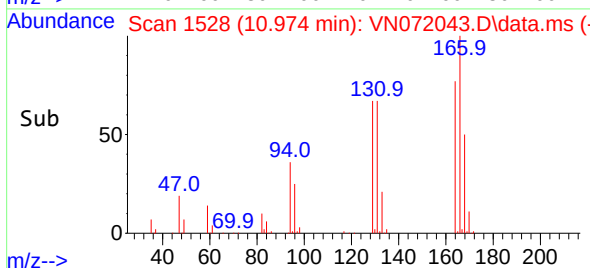
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

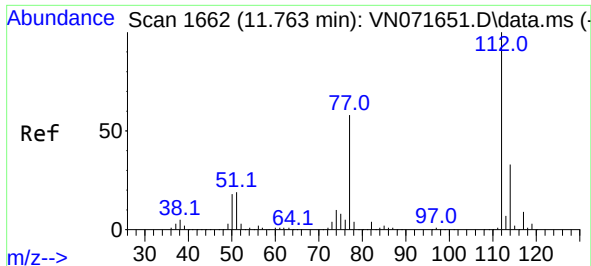


#64
Tetrachloroethene
Concen: 20.094 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35



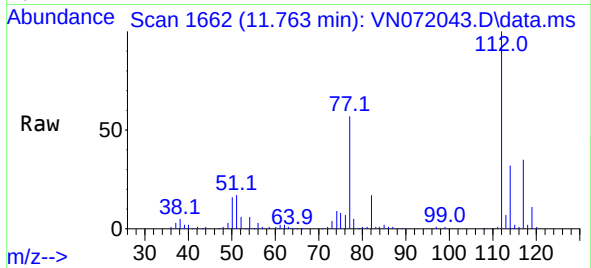
Tgt Ion:164 Resp: 101707
Ion Ratio Lower Upper
164 100
166 129.5 104.2 156.2
129 87.2 73.9 110.9
131 86.7 69.4 104.2





#65
Chlorobenzene
Concen: 21.854 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

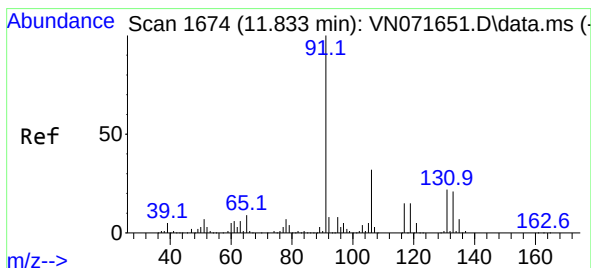
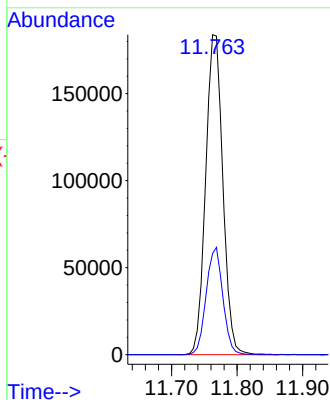
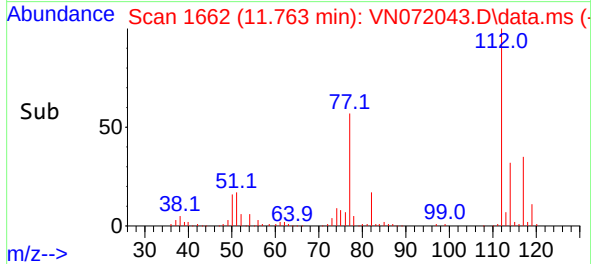
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



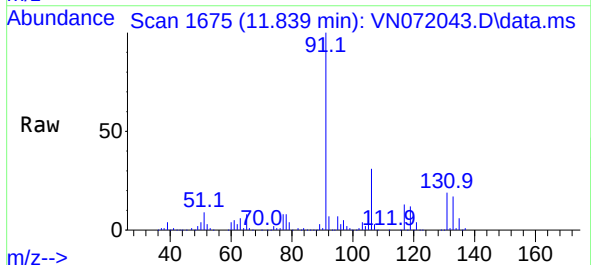
Tgt Ion:112 Resp: 335419
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2

Manual Integrations
APPROVED

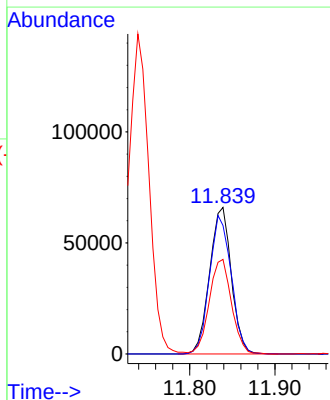
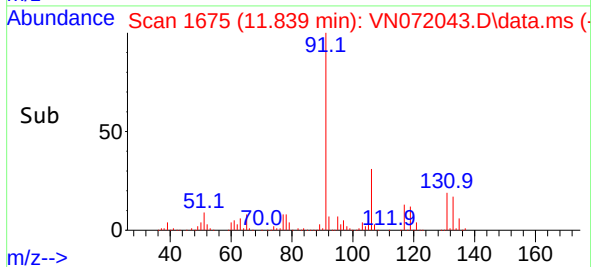
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

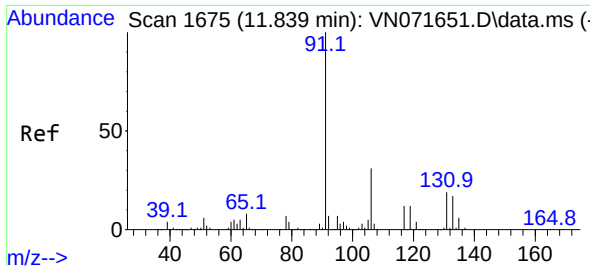


#66
1,1,1,2-Tetrachloroethane
Concen: 21.044 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35



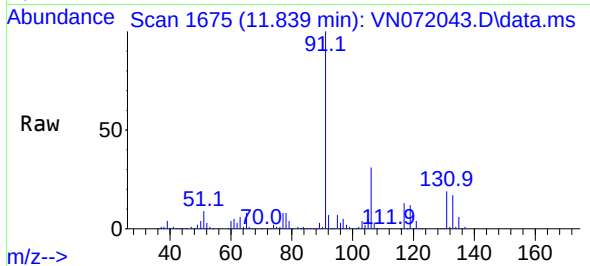
Tgt Ion:131 Resp: 116548
Ion Ratio Lower Upper
131 100
133 94.8 47.8 143.4
119 66.3 33.4 100.2





#67
Ethyl Benzene
Concen: 21.668 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

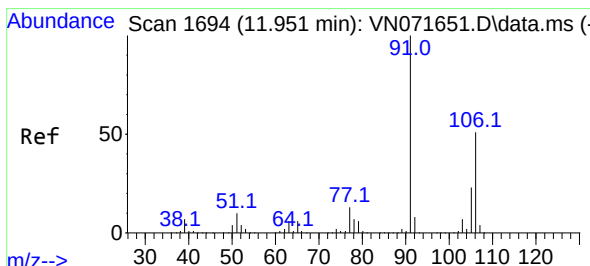
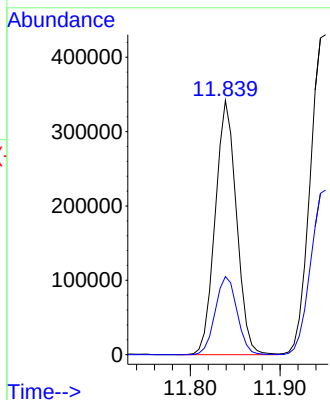
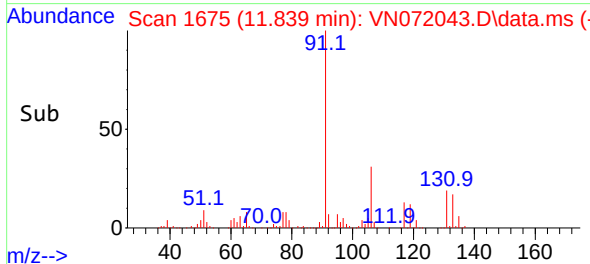
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



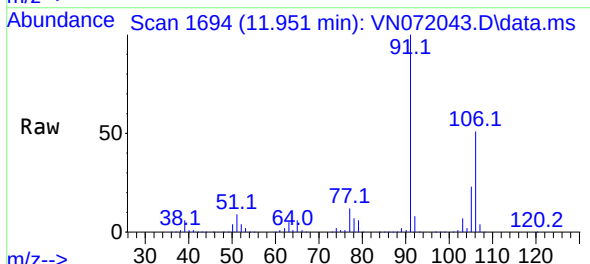
Tgt Ion: 91 Resp: 562978
Ion Ratio Lower Upper
91 100
106 30.7 24.9 37.3

Manual Integrations
APPROVED

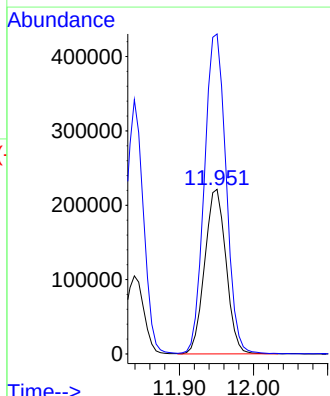
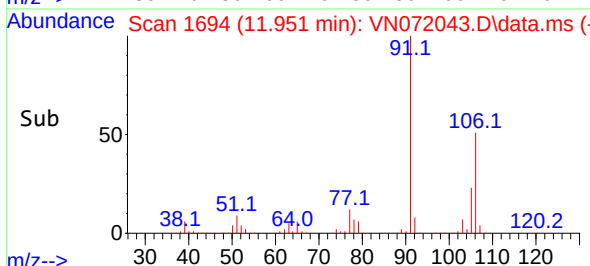
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

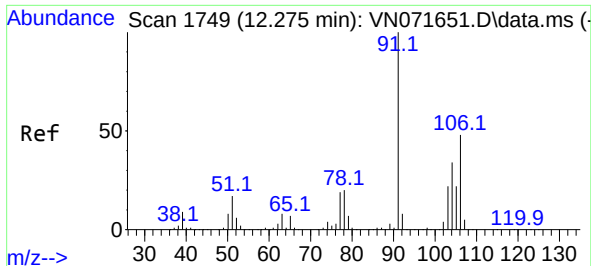


#68
m/p-Xylenes
Concen: 44.261 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35



Tgt Ion:106 Resp: 441856
Ion Ratio Lower Upper
106 100
91 197.7 158.9 238.3





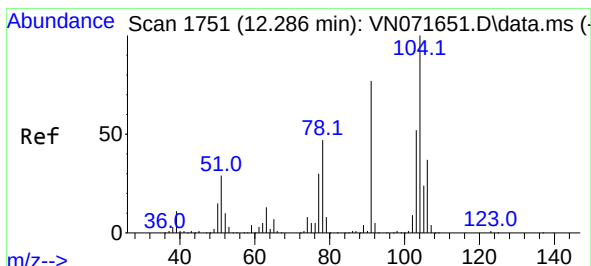
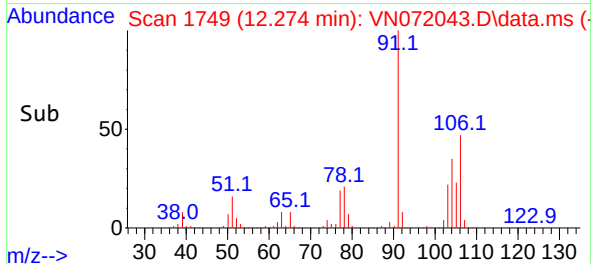
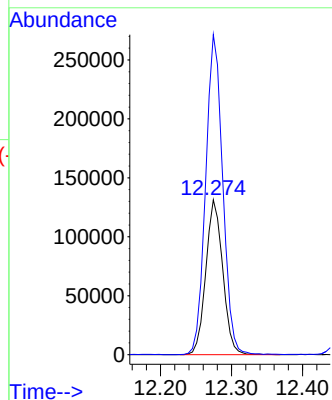
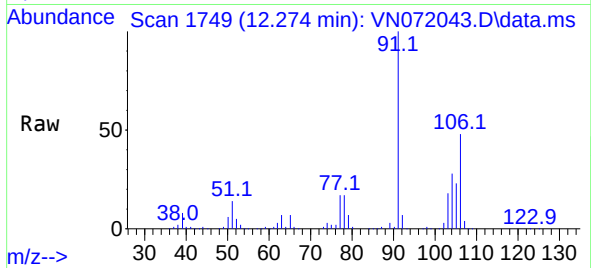
#69
o-Xylene
Concen: 21.956 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01

Tgt Ion:106 Resp: 217559
Ion Ratio Lower Upper
106 100
91 208.9 106.0 318.0

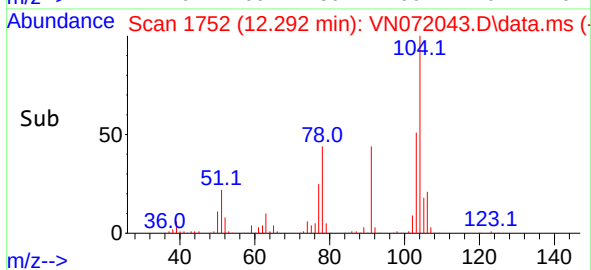
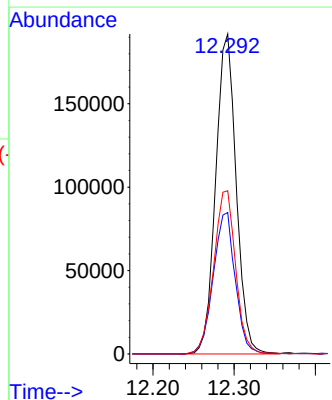
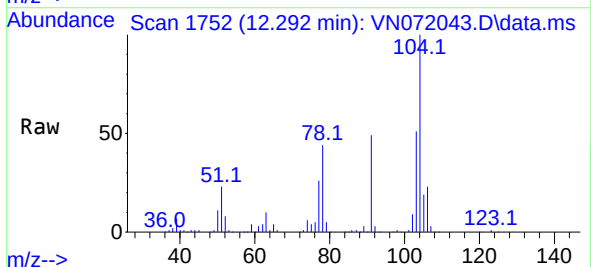
Manual Integrations
APPROVED

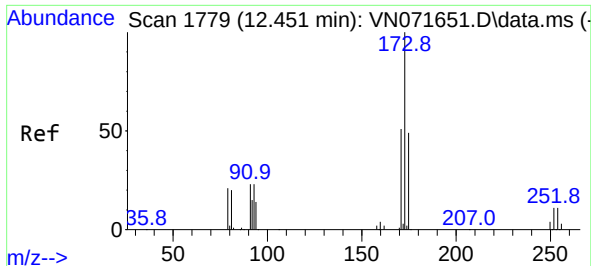
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#70
Styrene
Concen: 22.428 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

Tgt Ion:104 Resp: 336709
Ion Ratio Lower Upper
104 100
78 47.5 39.5 59.3
103 54.8 44.0 66.0





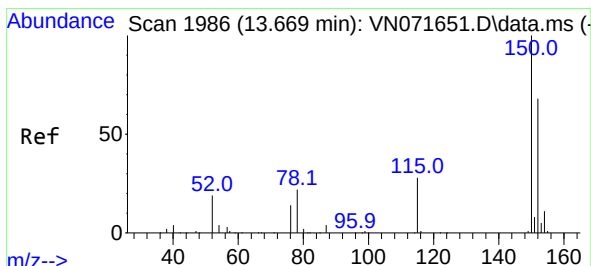
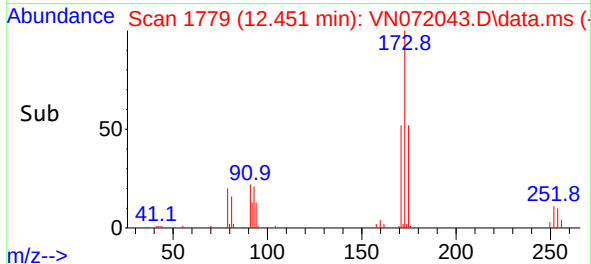
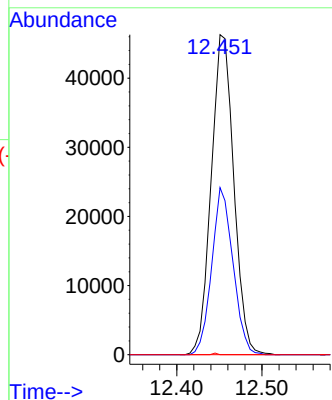
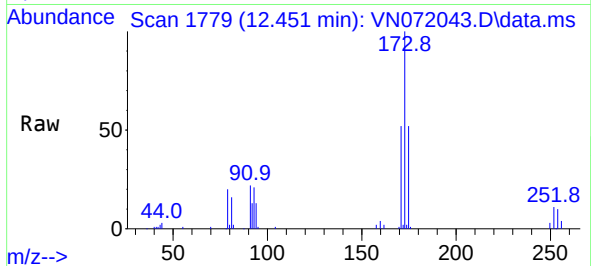
#71
Bromoform
Concen: 20.214 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01

Tgt Ion:173 Resp: 8525
Ion Ratio Lower Upper
173 100
175 49.1 24.6 73.6
254 0.1 0.1 0.1

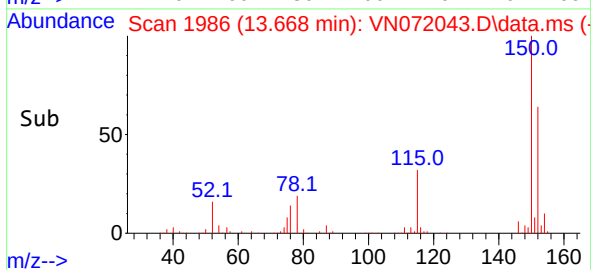
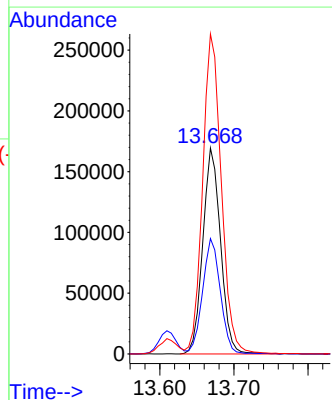
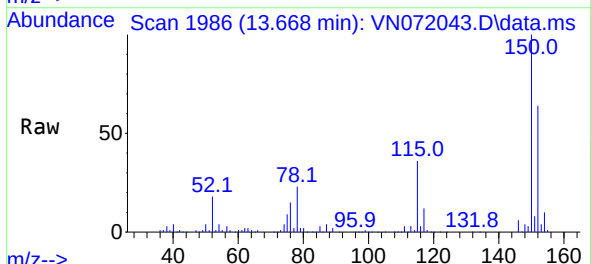
Manual Integrations
APPROVED

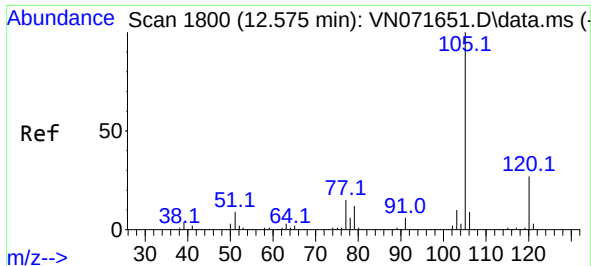
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

Tgt Ion:152 Resp: 281850
Ion Ratio Lower Upper
152 100
115 56.3 28.9 86.7
150 163.7 0.0 356.2





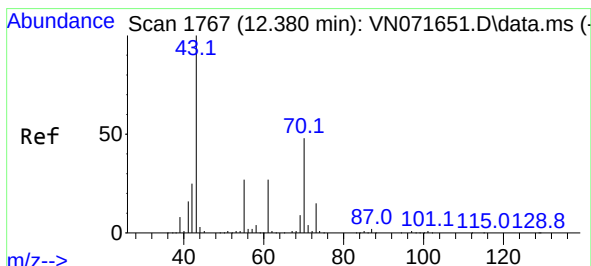
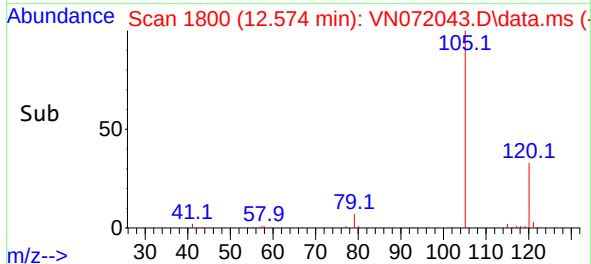
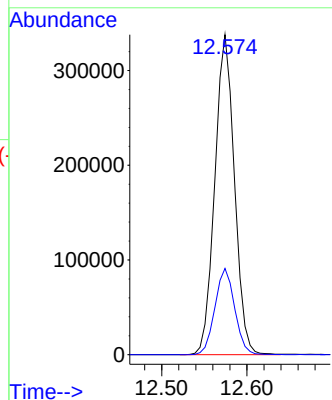
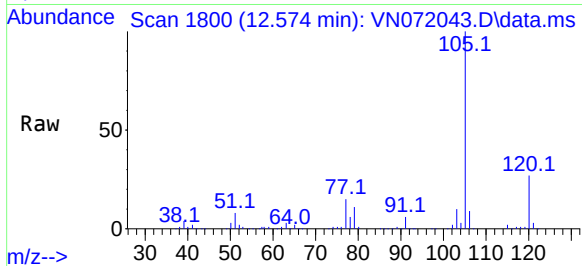
#73
Isopropylbenzene
Concen: 22.763 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01

Tgt Ion:105 Resp: 54063
Ion Ratio Lower Upper
105 100
120 27.1 13.5 40.4

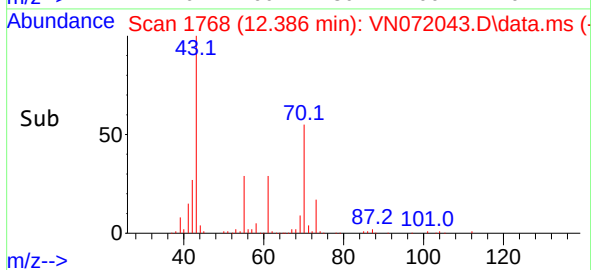
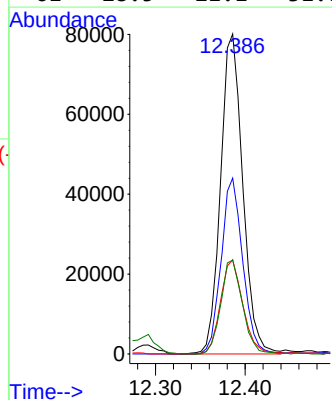
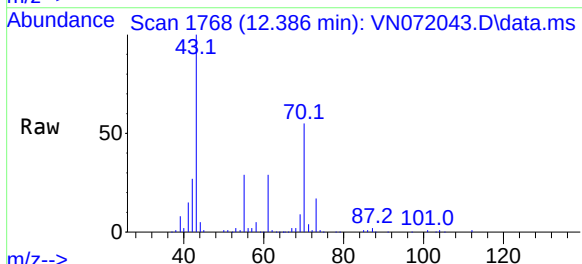
Manual Integrations
APPROVED

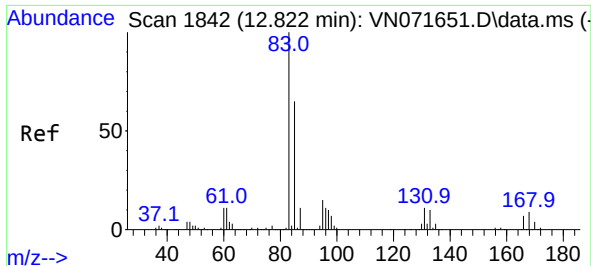
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#74
N-ethyl acetate
Concen: 20.219 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

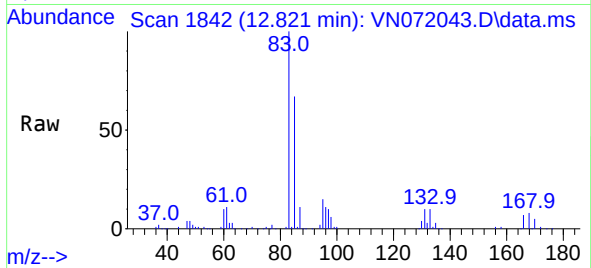
Tgt Ion: 43 Resp: 137589
Ion Ratio Lower Upper
43 100
70 53.8 39.0 58.4
55 29.8 21.1 31.7
61 28.5 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 20.674 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

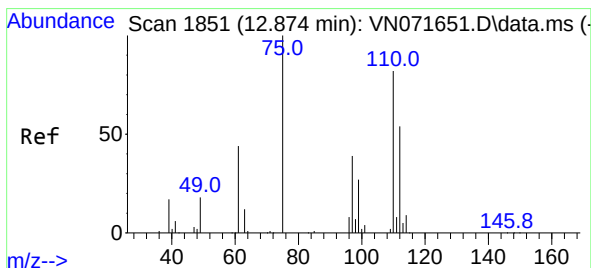
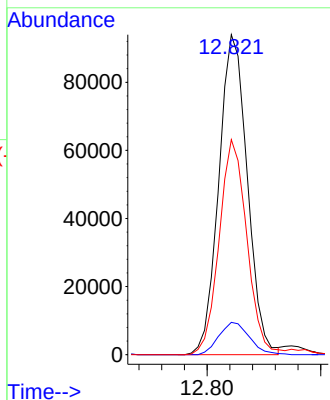
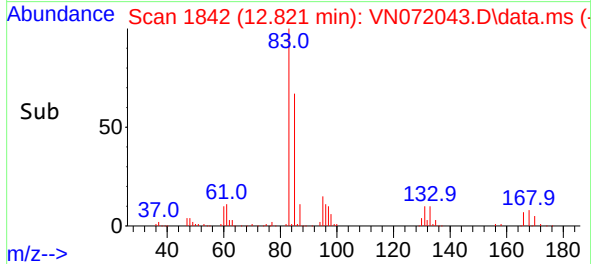
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



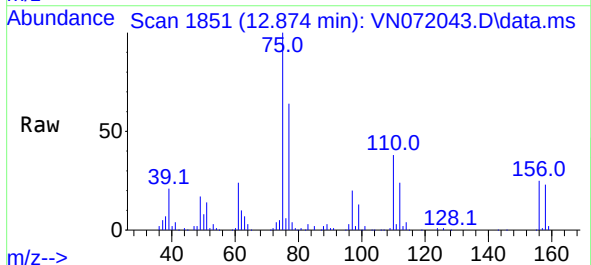
Tgt Ion: 83 Resp: 163834
Ion Ratio Lower Upper
83 100
131 10.8 5.3 15.9
85 65.3 32.3 96.9

Manual Integrations
APPROVED

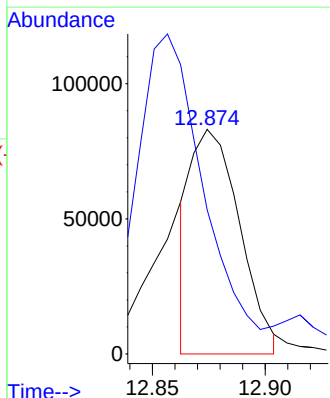
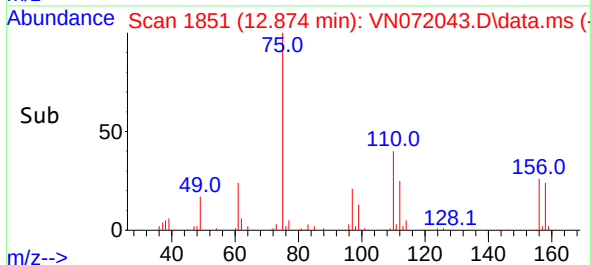
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

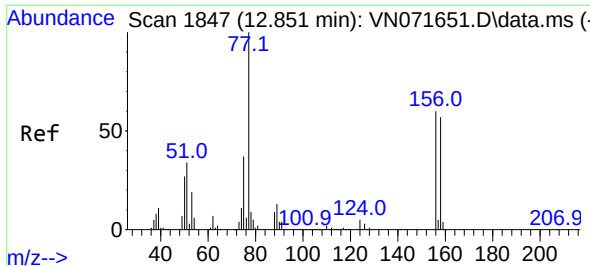


#76
1,2,3-Trichloropropane
Concen: 19.052 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35



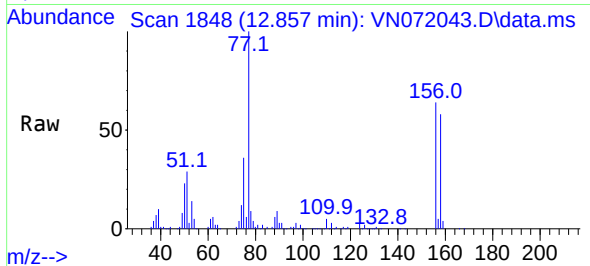
Tgt Ion: 75 Resp: 124396
Ion Ratio Lower Upper
75 100
77 199.0 98.5 295.5





#77
Bromobenzene
Concen: 21.580 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

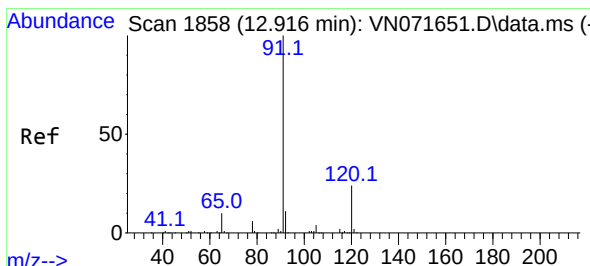
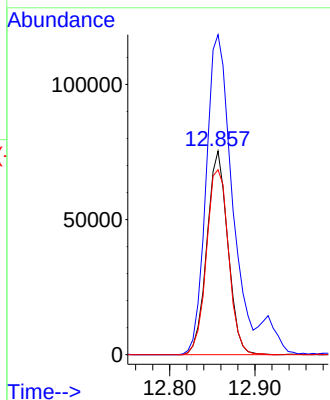
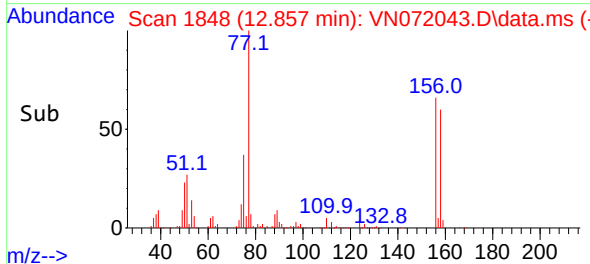
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



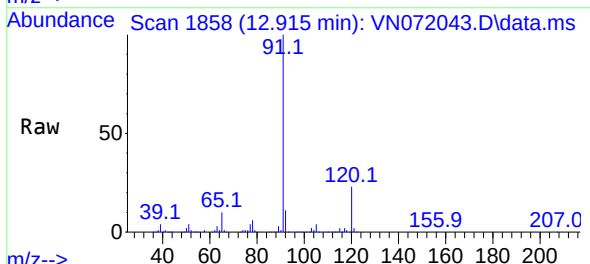
Tgt Ion:156 Resp: 128484
Ion Ratio Lower Upper
156 100
77 192.7 100.5 301.5
158 96.2 48.9 146.6

Manual Integrations
APPROVED

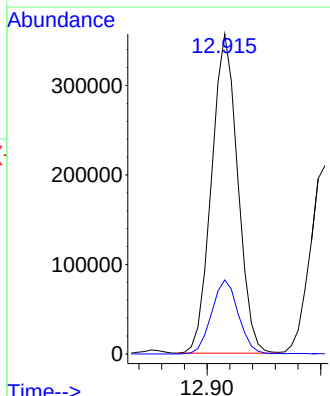
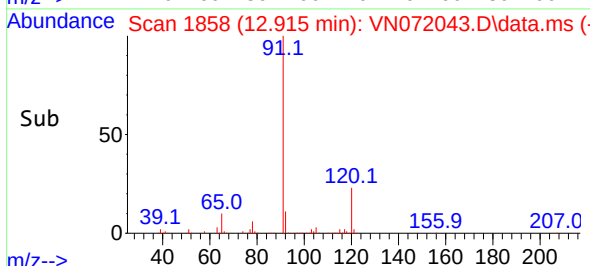
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

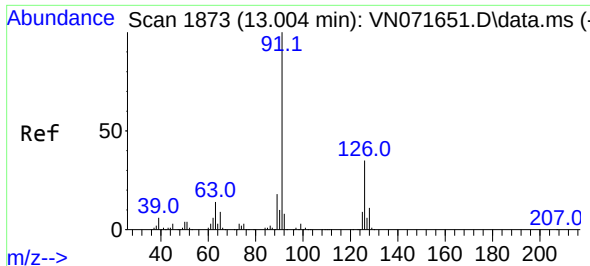


#78
n-propylbenzene
Concen: 22.860 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35



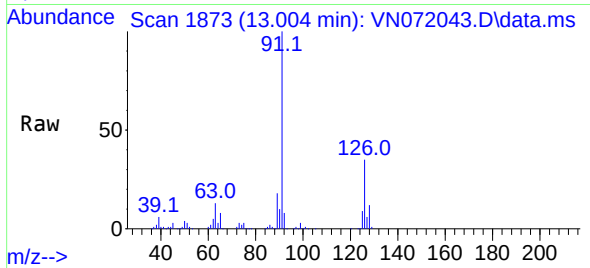
Tgt Ion: 91 Resp: 571113
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.5





#79
2-Chlorotoluene
Concen: 22.164 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

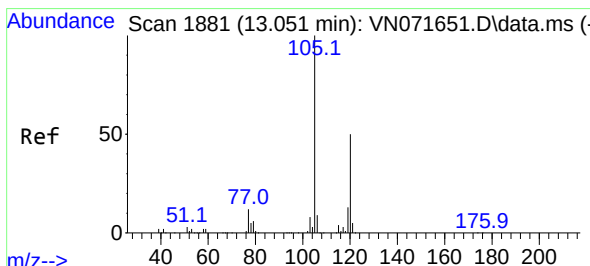
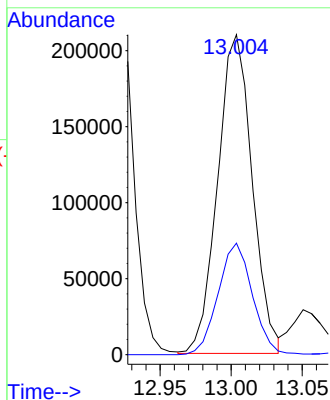
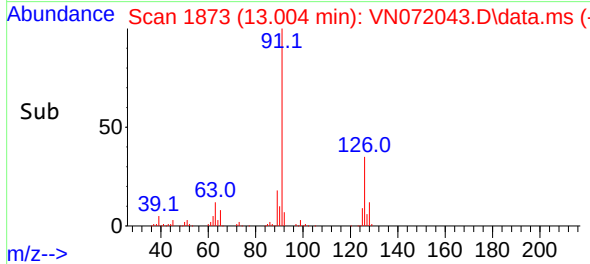
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



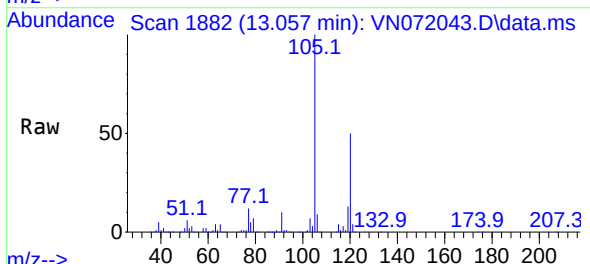
Tgt Ion: 91 Resp: 355120
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.9

Manual Integrations
APPROVED

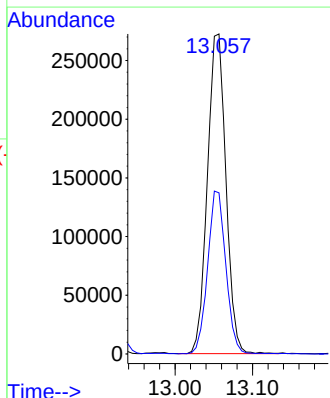
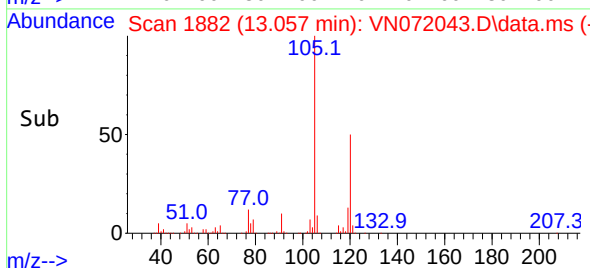
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

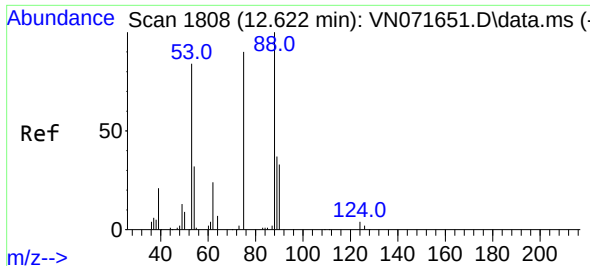


#80
1,3,5-Trimethylbenzene
Concen: 24.010 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35



Tgt Ion:105 Resp: 451821
Ion Ratio Lower Upper
105 100
120 49.9 24.9 74.7





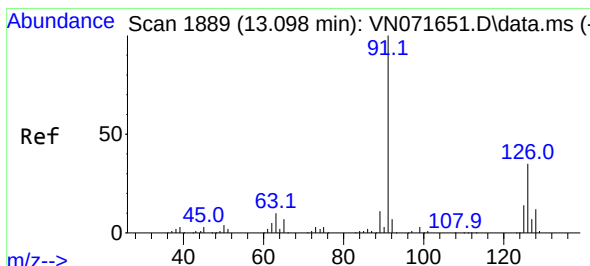
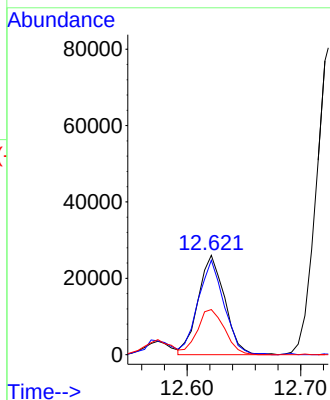
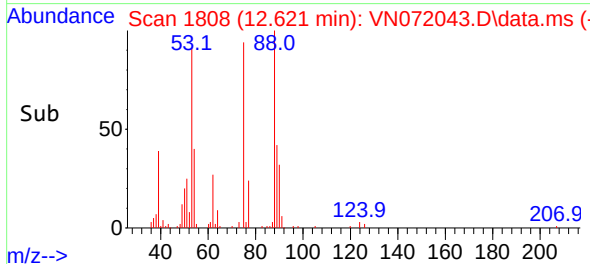
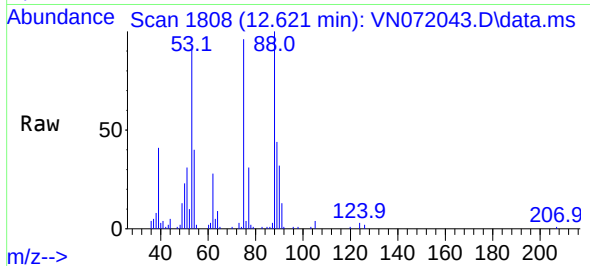
#81
trans-1,4-Dichloro-2-butene
Concen: 20.114 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01

Tgt Ion: 75 Resp: 42379
Ion Ratio Lower Upper
75 100
53 93.4 78.0 117.0
89 46.8 37.2 55.8

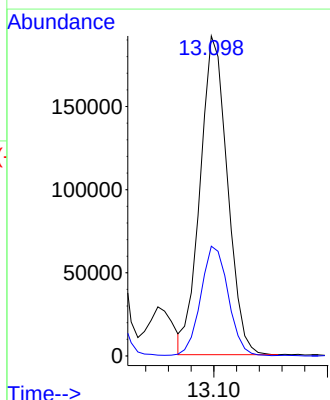
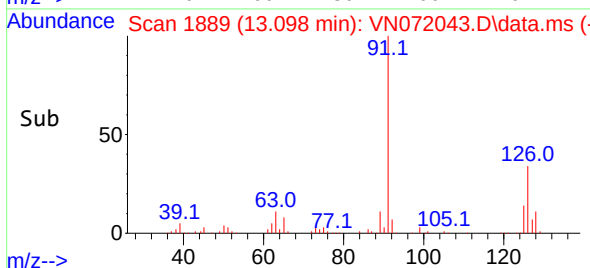
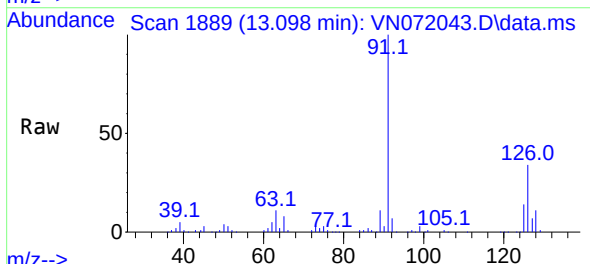
Manual Integrations
APPROVED

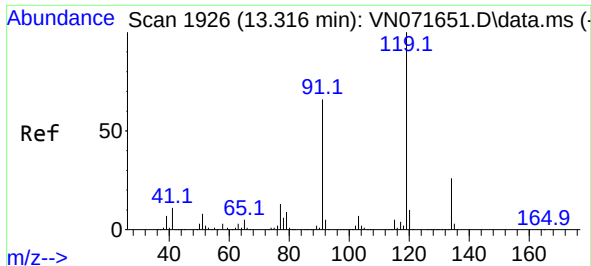
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#82
4-Chlorotoluene
Concen: 21.561 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

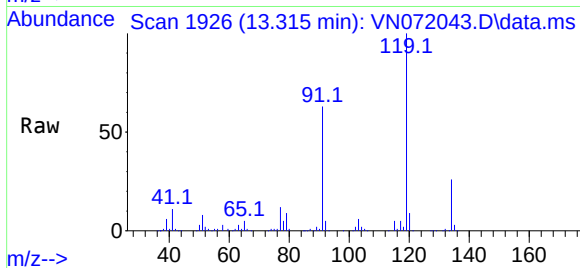
Tgt Ion: 91 Resp: 320214
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6





#83
tert-Butylbenzene
Concen: 22.398 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.001 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

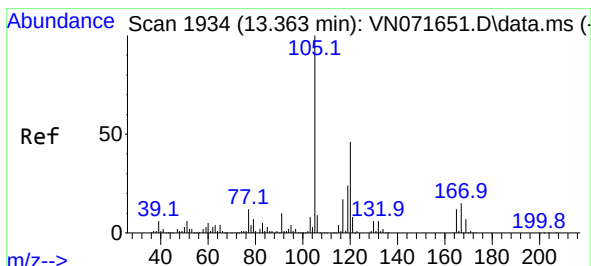
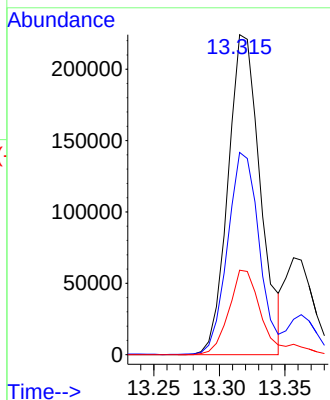
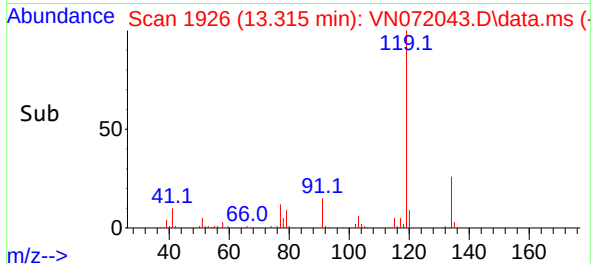
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



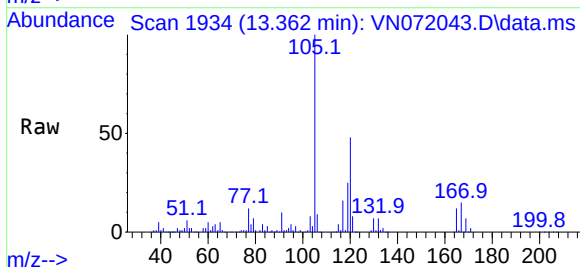
Tgt Ion:119 Resp: 385280
Ion Ratio Lower Upper
119 100
91 61.8 31.6 94.8
134 27.5 13.7 41.1

Manual Integrations
APPROVED

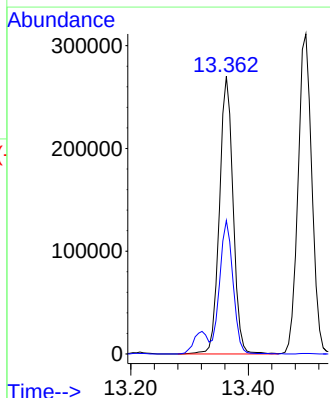
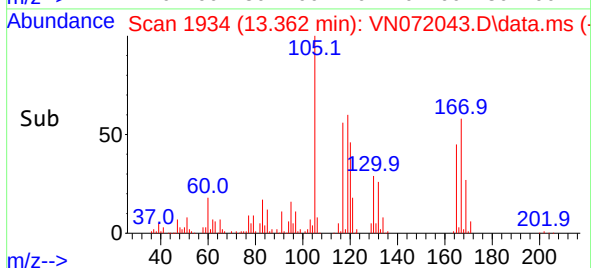
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

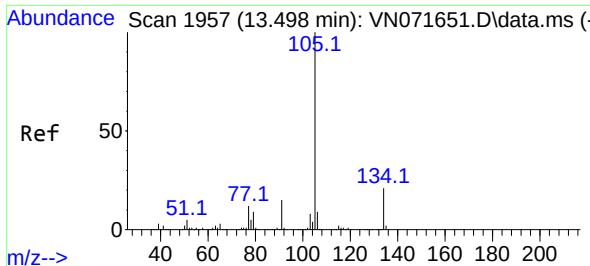


#84
1,2,4-Trimethylbenzene
Concen: 23.775 ug/l
RT: 13.362 min Scan# 1934
Delta R.T. -0.001 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35



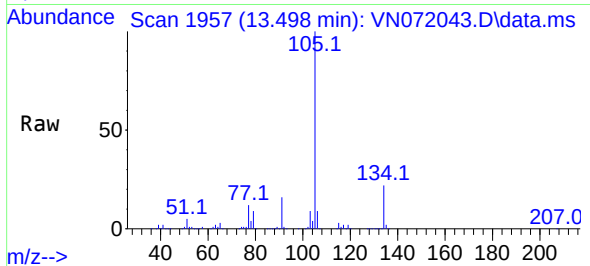
Tgt Ion:105 Resp: 436527
Ion Ratio Lower Upper
105 100
120 47.5 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 22.819 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072043.D
 Acq: 19 Apr 2022 12:35

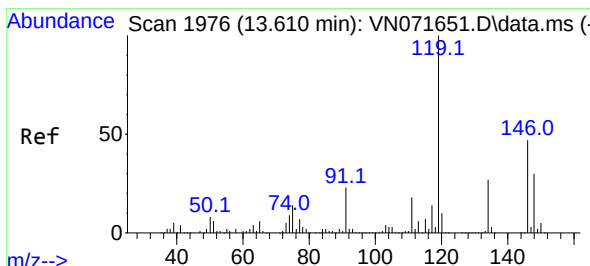
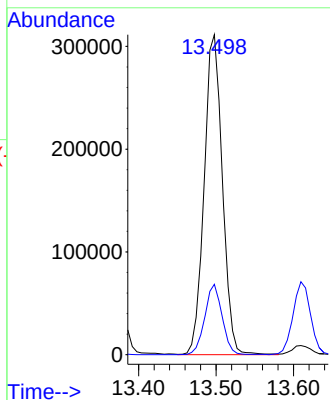
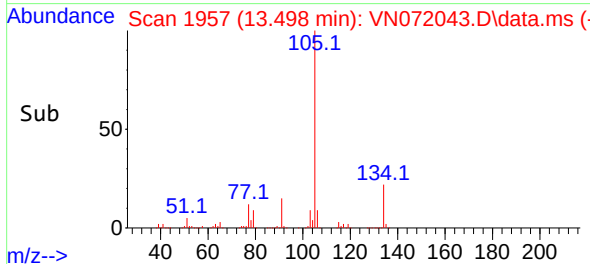
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0419WBS01



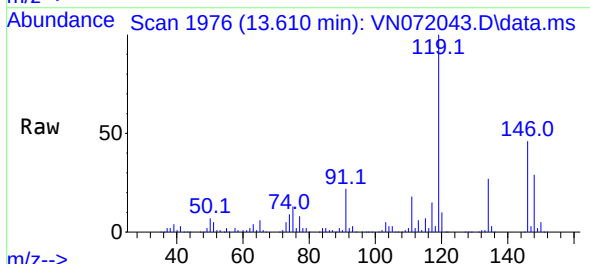
Tgt Ion:105 Resp: 50884
 Ion Ratio Lower Upper
 105 100
 134 20.9 10.4 31.1

Manual Integrations
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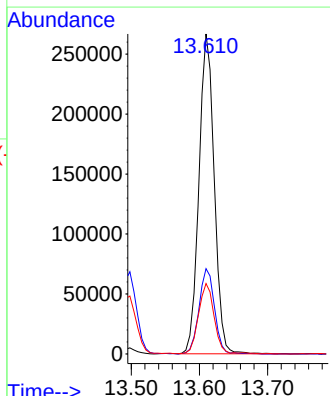
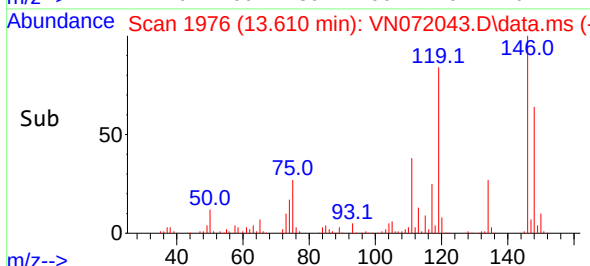
Reviewed By :John Carlone 04/20/2022
 Supervised By :Mahesh Dadoda 04/20/2022

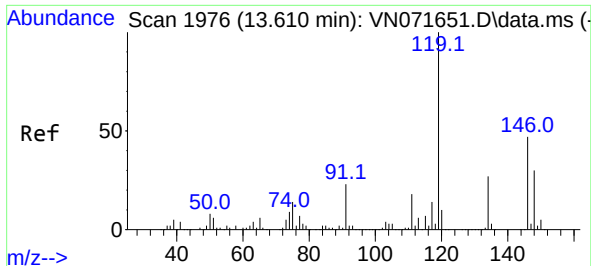


#86
 p-Isopropyltoluene
 Concen: 23.381 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072043.D
 Acq: 19 Apr 2022 12:35



Tgt Ion:119 Resp: 415700
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.3 39.8
 91 22.8 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 21.890 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN072043.D

Acq: 19 Apr 2022 12:35

Instrument :

MSVOA_N

ClientSampleId :

VN0419WBS01

Tgt Ion:146 Resp: 207639

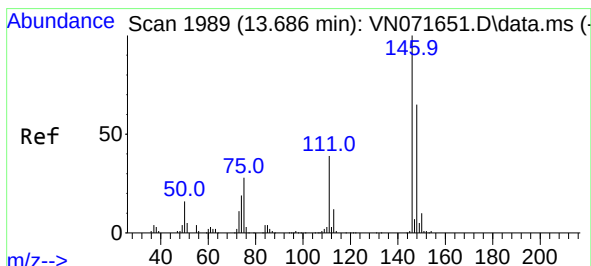
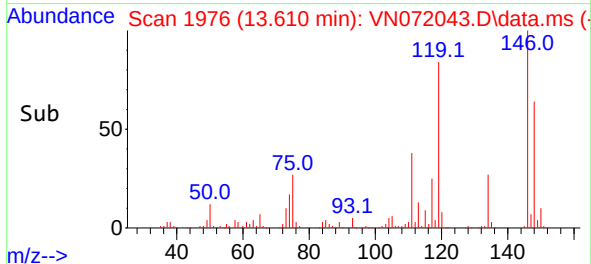
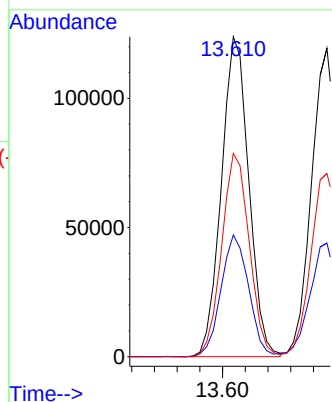
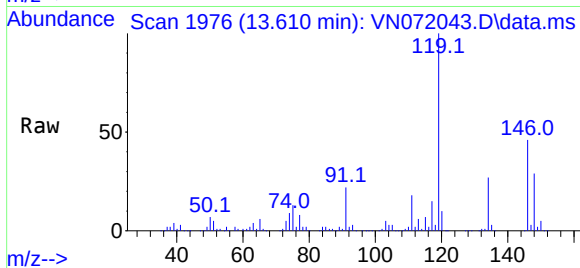
Ion	Ratio	Lower	Upper
146	100		
111	38.2	20.0	60.0
148	63.9	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/20/2022

Supervised By :Mahesh Dadoda 04/20/2022



#88

1,4-Dichlorobenzene

Concen: 21.667 ug/l

RT: 13.692 min Scan# 1990

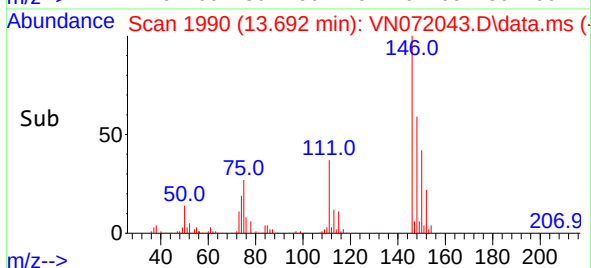
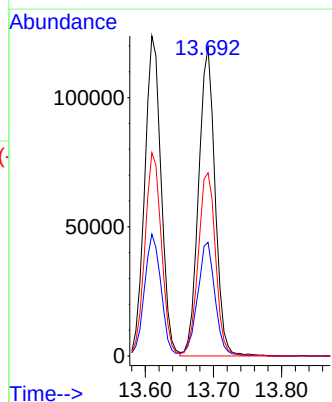
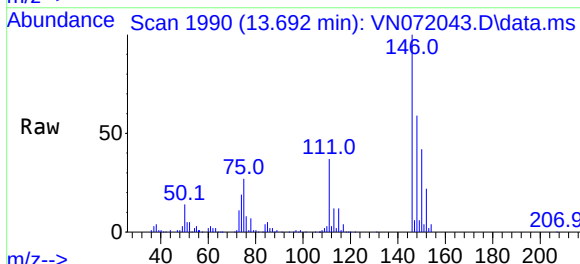
Delta R.T. 0.006 min

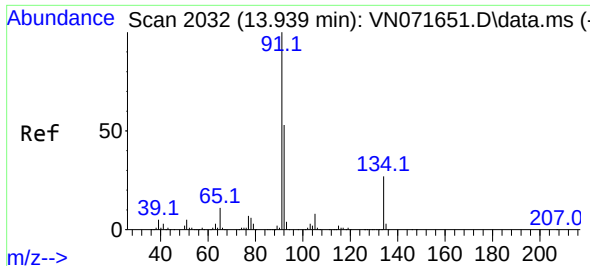
Lab File: VN072043.D

Acq: 19 Apr 2022 12:35

Tgt Ion:146 Resp: 200508

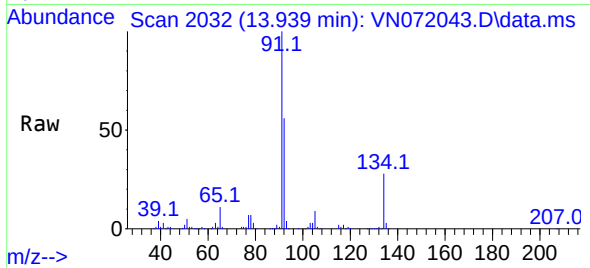
Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.1	57.1
148	62.7	31.4	94.3





#89
n-Butylbenzene
Concen: 22.091 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

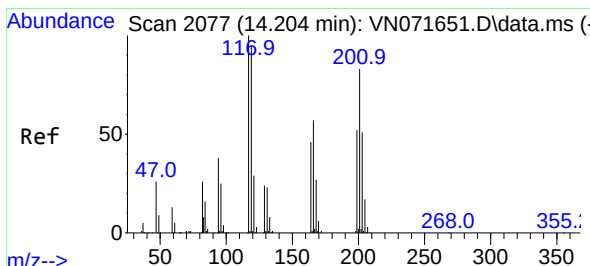
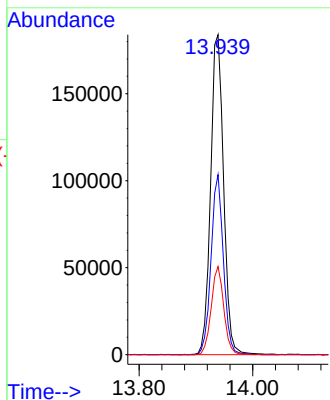
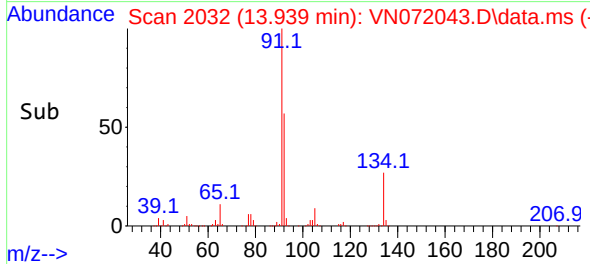
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



Tgt Ion: 91 Resp: 29132
Ion Ratio Lower Upper
91 100
92 53.4 26.9 80.7
134 26.7 13.6 40.8

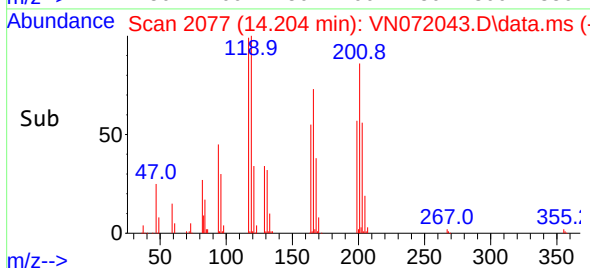
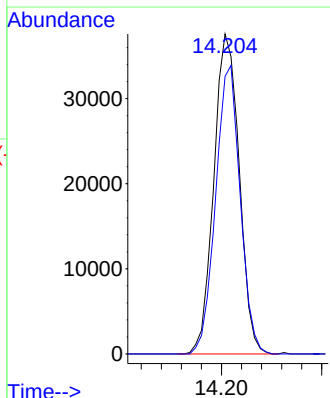
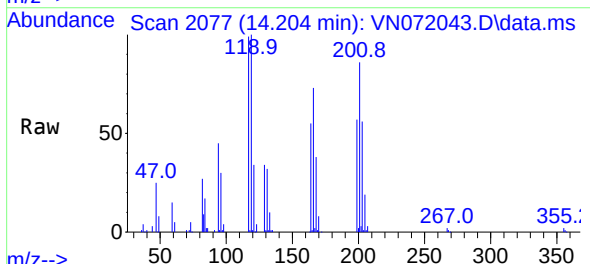
Manual Integrations
APPROVED

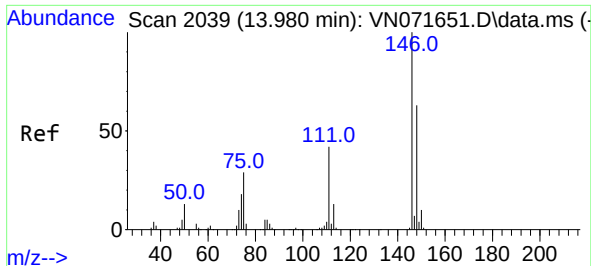
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#90
Hexachloroethane
Concen: 20.246 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

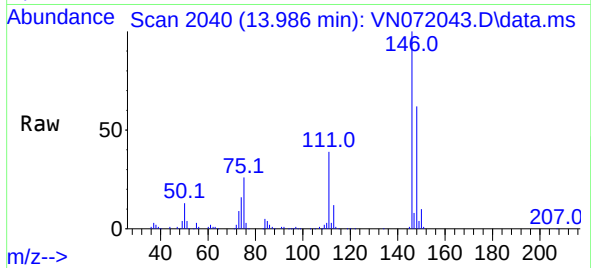
Tgt Ion:117 Resp: 65893
Ion Ratio Lower Upper
117 100
201 87.2 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 22.519 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

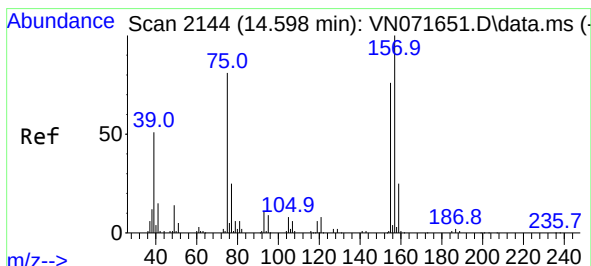
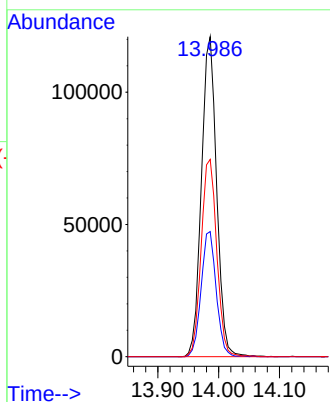
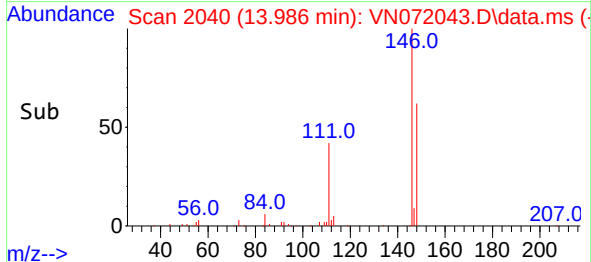
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



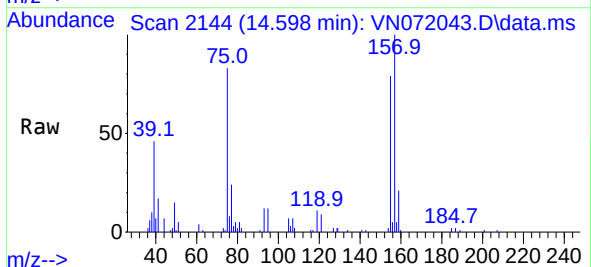
Tgt Ion:146 Resp: 209700
Ion Ratio Lower Upper
146 100
111 38.8 20.9 62.8
148 63.2 32.1 96.3

Manual Integrations
APPROVED

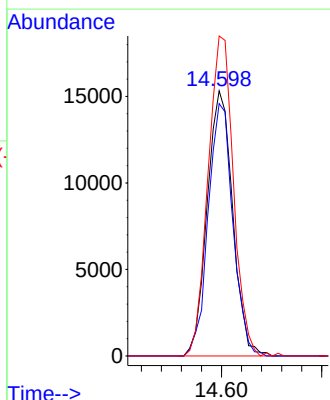
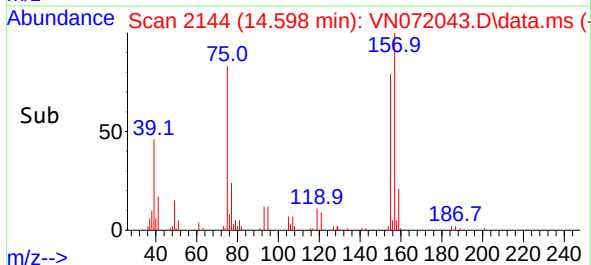
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

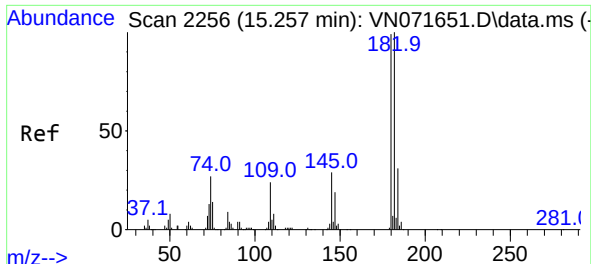


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.036 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35



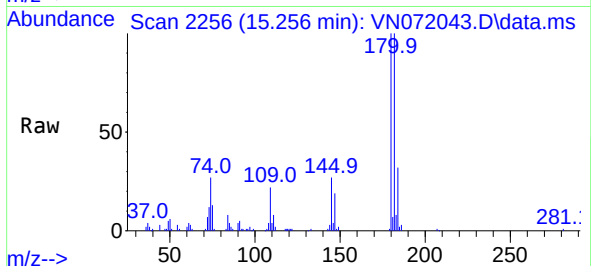
Tgt Ion: 75 Resp: 27086
Ion Ratio Lower Upper
75 100
155 92.0 44.9 134.5
157 120.3 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 20.316 ug/l
RT: 15.256 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

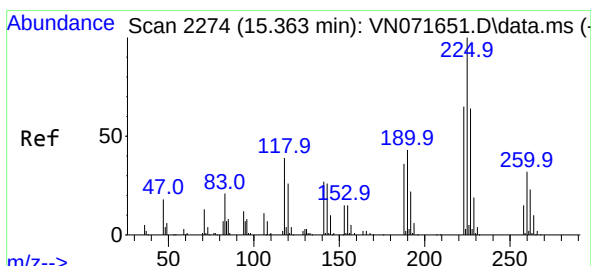
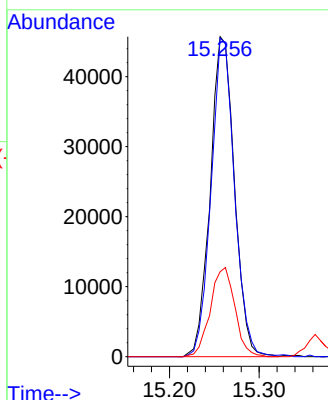
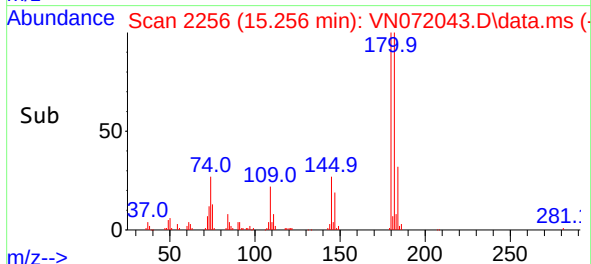
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



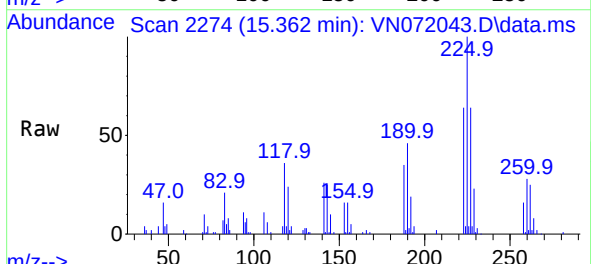
Tgt Ion:180 Resp: 85334
Ion Ratio Lower Upper
180 100
182 96.6 47.5 142.5
145 28.3 14.5 43.5

Manual Integrations
APPROVED

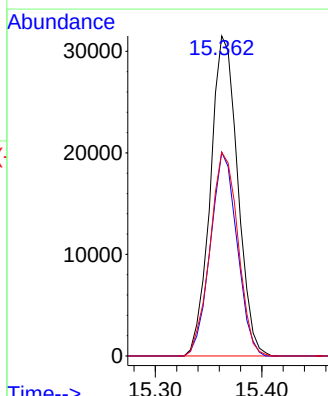
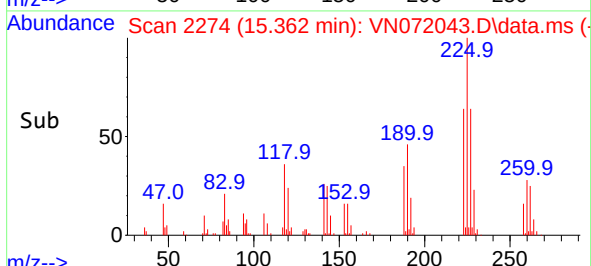
Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022

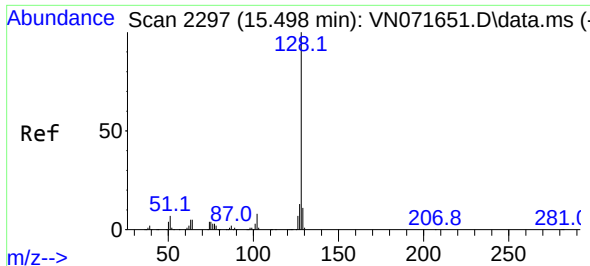


#94
Hexachlorobutadiene
Concen: 20.374 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.001 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35



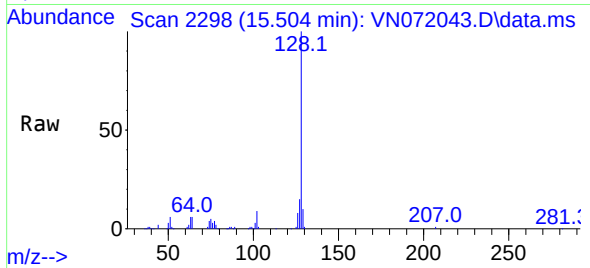
Tgt Ion:225 Resp: 55956
Ion Ratio Lower Upper
225 100
223 62.2 32.4 97.2
227 65.2 31.8 95.4





#95
Naphthalene
Concen: 20.566 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35

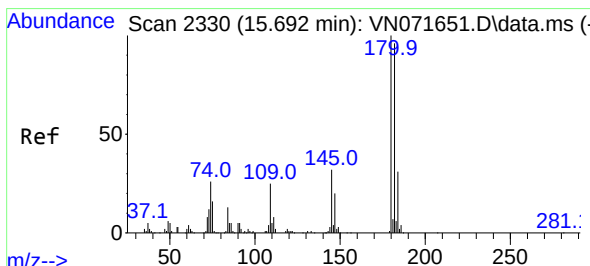
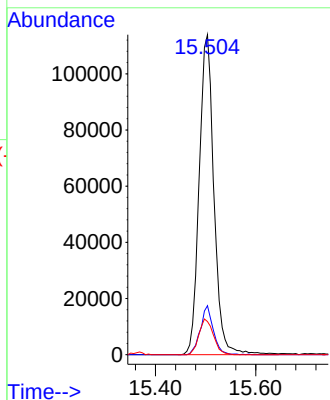
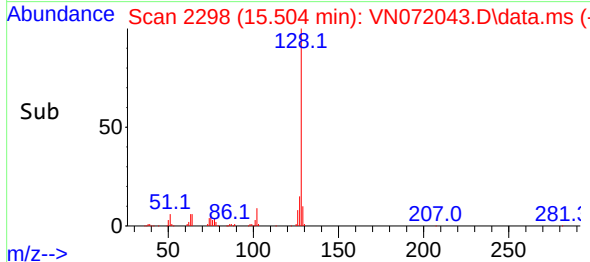
Instrument :
MSVOA_N
ClientSampleId :
VN0419WBS01



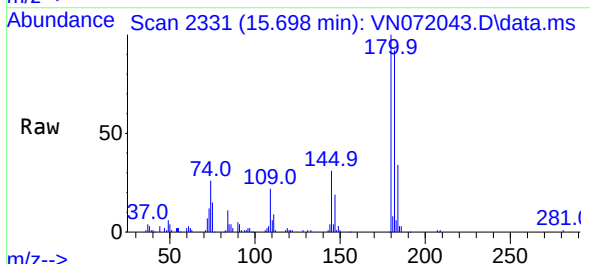
Tgt Ion:128 Resp: 232859
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/20/2022
Supervised By :Mahesh Dadoda 04/20/2022



#96
1,2,3-Trichlorobenzene
Concen: 21.799 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072043.D
Acq: 19 Apr 2022 12:35



Tgt Ion:180 Resp: 88507
Ion Ratio Lower Upper
180 100
182 95.8 47.8 143.3
145 30.6 15.5 46.5

