

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072593.D
 Acq On : 24 May 2022 17:51
 Operator : JC\MD
 Sample : VN0524WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2022
 Supervised By : Mahesh Dadoda 05/25/2022

Quant Time: May 25 09:20:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 25 09:15:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	153240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	239867	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	228831	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	90575	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	82293	47.210	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.420%		
35) Dibromofluoromethane	8.016	113	70981	45.657	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	91.320%		
50) Toluene-d8	10.433	98	281521	47.425	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.840%		
62) 4-Bromofluorobenzene	12.727	95	92964	48.151	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.063	85	22930	15.882	ug/l	94
3) Chloromethane	2.293	50	29076	17.152	ug/l	99
4) Vinyl Chloride	2.434	62	23657	16.583	ug/l	98
5) Bromomethane	2.810	94	15607	20.344	ug/l	94
6) Chloroethane	2.981	64	15267	16.935	ug/l	96
7) Trichlorofluoromethane	3.352	101	40062	16.599	ug/l	96
8) Diethyl Ether	3.822	74	16827	17.766	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.199	101	24419	16.741	ug/l	97
10) Methyl Iodide	4.416	142	28710	16.725	ug/l	99
11) Tert butyl alcohol	5.369	59	27310	83.201	ug/l	98
12) 1,1-Dichloroethene	4.175	96	22598	16.739	ug/l	97
13) Acrolein	4.034	56	17486	89.750	ug/l	98
14) Allyl chloride	4.828	41	42218	16.797	ug/l	91
15) Acrylonitrile	5.540	53	87419	83.753	ug/l	99
16) Acetone	4.275	43	68496	79.945	ug/l	99
17) Carbon Disulfide	4.522	76	55497	16.221	ug/l	97
18) Methyl Acetate	4.840	43	41137	17.316	ug/l	94
19) Methyl tert-butyl Ether	5.598	73	82193	17.206	ug/l	98
20) Methylene Chloride	5.087	84	30891	17.859	ug/l	96
21) trans-1,2-Dichloroethene	5.593	96	24762	16.950	ug/l	93
22) Diisopropyl ether	6.487	45	94066	17.613	ug/l	97
23) Vinyl Acetate	6.422	43	400408	88.277	ug/l	95
24) 1,1-Dichloroethane	6.387	63	50731	17.612	ug/l	99
25) 2-Butanone	7.328	43	121763	84.224	ug/l	94
26) 2,2-Dichloropropane	7.316	77	36389	16.406	ug/l	98
27) cis-1,2-Dichloroethene	7.316	96	30904	16.769	ug/l	100
28) Bromochloromethane	7.651	49	21250	17.882	ug/l	89
29) Tetrahydrofuran	7.675	42	78137	86.864	ug/l	91
30) Chloroform	7.810	83	49793	16.444	ug/l	98
31) Cyclohexane	8.092	56	46906	16.987	ug/l	98
32) 1,1,1-Trichloroethane	8.010	97	40870	16.115	ug/l	98
36) 1,1-Dichloropropene	8.216	75	36001	16.368	ug/l	99
37) Ethyl Acetate	7.404	43	47863	16.647	ug/l	98
38) Carbon Tetrachloride	8.198	117	35824	15.430	ug/l	97
39) Methylcyclohexane	9.457	83	44261	16.331	ug/l	95
40) Benzene	8.451	78	119138	16.786	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Wed May 25 09:15:20 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	23437	16.201	ug/l	91
42) 1,2-Dichloroethane	8.522	62	38580	16.778	ug/l	98
43) Isopropyl Acetate	8.551	43	68945	16.911	ug/l	98
44) Trichloroethene	9.210	130	29727	16.289	ug/l	97
45) 1,2-Dichloropropane	9.481	63	31372	17.033	ug/l	99
46) Dibromomethane	9.575	93	20638	16.788	ug/l	98
47) Bromodichloromethane	9.757	83	39331	16.418	ug/l	95
48) Methyl methacrylate	9.551	41	33933	17.110	ug/l	95
49) 1,4-Dioxane	9.569	88	13512	356.992	ug/l	96
51) 4-Methyl-2-Pentanone	10.328	43	245017	87.786	ug/l	96
52) Toluene	10.498	92	76719	17.070	ug/l	98
53) t-1,3-Dichloropropene	10.716	75	41487	16.942	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	47758	17.319	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	32339	17.343	ug/l	93
56) Ethyl methacrylate	10.757	69	48745	16.971	ug/l	93
57) 1,3-Dichloropropane	11.039	76	53461	17.011	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.034	63	118278	96.241	ug/l	97
59) 2-Hexanone	11.081	43	171588	86.720	ug/l	96
60) Dibromochloromethane	11.233	129	32393	16.230	ug/l	99
61) 1,2-Dibromoethane	11.339	107	32125	16.525	ug/l	100
64) Tetrachloroethene	10.975	164	27361	16.184	ug/l	90
65) Chlorobenzene	11.769	112	82512	16.115	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.833	131	30654	15.835	ug/l	99
67) Ethyl Benzene	11.839	91	142828	16.388	ug/l	95
68) m/p-Xylenes	11.951	106	112609	33.898	ug/l	98
69) o-Xylene	12.275	106	54862	17.084	ug/l	98
70) Styrene	12.286	104	87881	16.910	ug/l	99
71) Bromoform	12.451	173	25229	15.856	ug/l #	97
73) Isopropylbenzene	12.575	105	141624	17.553	ug/l	99
74) N-amyl acetate	12.386	43	50834	17.553	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.822	83	45989	16.141	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	44850m	18.239	ug/l	
77) Bromobenzene	12.857	156	35212	17.593	ug/l	96
78) n-propylbenzene	12.916	91	156250	17.466	ug/l	99
79) 2-Chlorotoluene	13.004	91	96272	17.419	ug/l	99
80) 1,3,5-Trimethylbenzene	13.051	105	112135	17.868	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.616	75	13778	16.443	ug/l	98
82) 4-Chlorotoluene	13.098	91	87763	17.365	ug/l	99
83) tert-Butylbenzene	13.316	119	102384	17.520	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	107913	17.536	ug/l	100
85) sec-Butylbenzene	13.498	105	136248	17.434	ug/l	99
86) p-Isopropyltoluene	13.610	119	107578	17.459	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	54410	16.107	ug/l	98
88) 1,4-Dichlorobenzene	13.686	146	53728	16.212	ug/l	99
89) n-Butylbenzene	13.939	91	80021	16.095	ug/l	98
90) Hexachloroethane	14.204	117	20431	16.772	ug/l	97
91) 1,2-Dichlorobenzene	13.986	146	52785	16.313	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	8258	17.002	ug/l	97
93) 1,2,4-Trichlorobenzene	15.257	180	27168	15.940	ug/l	97
94) Hexachlorobutadiene	15.363	225	16119	16.026	ug/l	96
95) Naphthalene	15.504	128	90018	15.970	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	28550	15.645	ug/l	99

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ClientSampleId :
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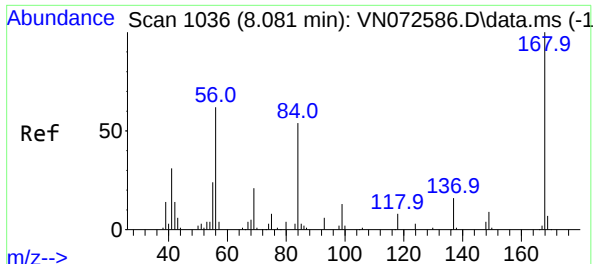
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/25/2022

Quant Time: May 25 09:20:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
Quant Title : SW846 8260
QLast Update : Wed May 25 09:15:20 2022
Response via : Initial Calibration

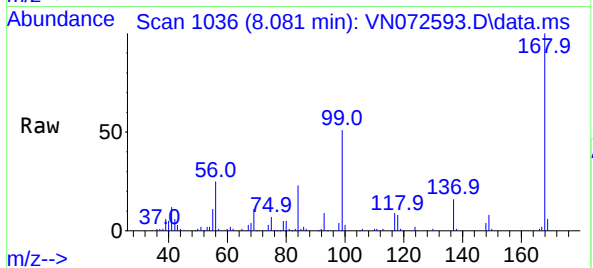
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

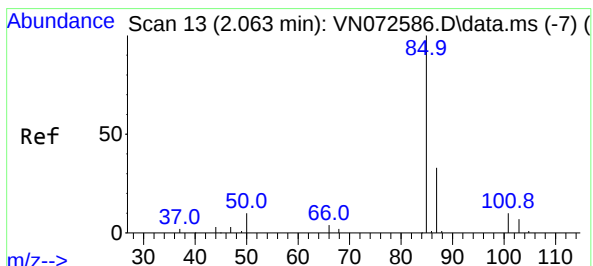
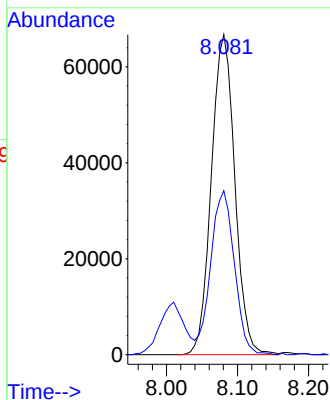
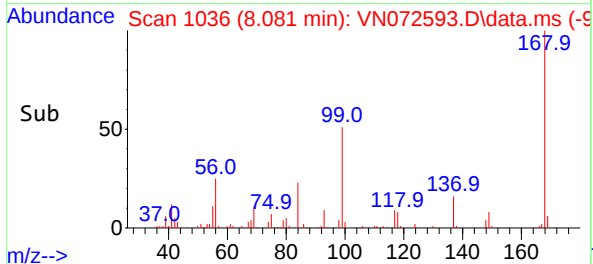
Instrument :
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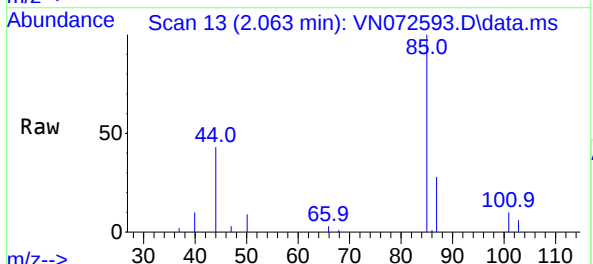
Tgt Ion:168 Resp: 153240
Ion Ratio Lower Upper
168 100
99 51.2 42.3 63.5

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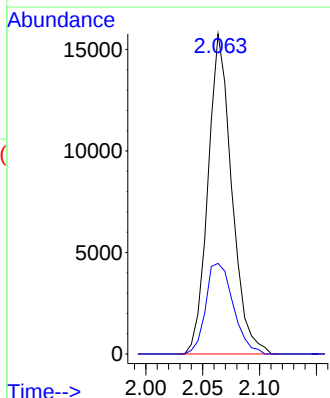
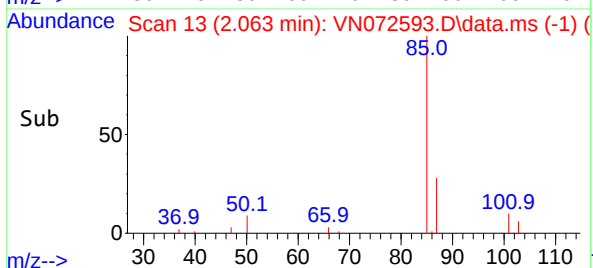
Reviewed By :John Carlone 05/25/2022
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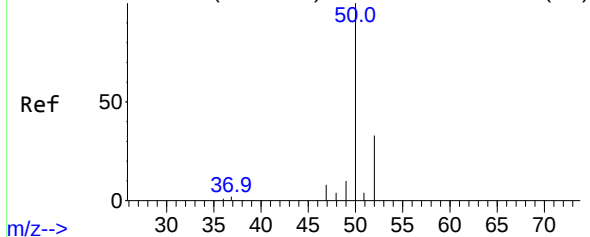
#2
Dichlorodifluoromethane
Concen: 15.882 ug/l
RT: 2.063 min Scan# 13
Delta R.T. 0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51



Tgt Ion: 85 Resp: 22930
Ion Ratio Lower Upper
85 100
87 28.3 15.7 47.1



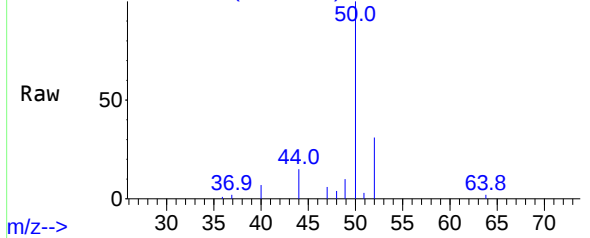
Abundance Scan 52 (2.293 min): VN072586.D\data.ms (-46)



#3
Chloromethane
Concen: 17.152 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01

Abundance Scan 52 (2.293 min): VN072593.D\data.ms

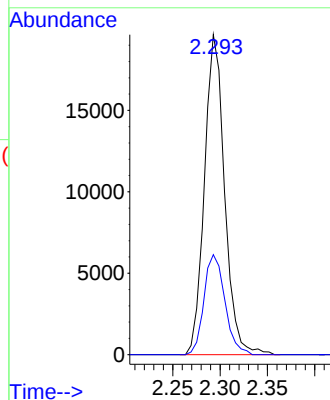
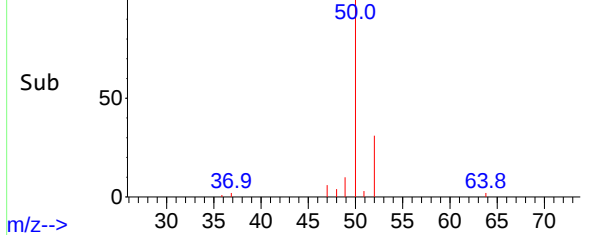


Tgt Ion: 50 Resp: 29070
Ion Ratio Lower Upper
50 100
52 31.3 25.7 38.5

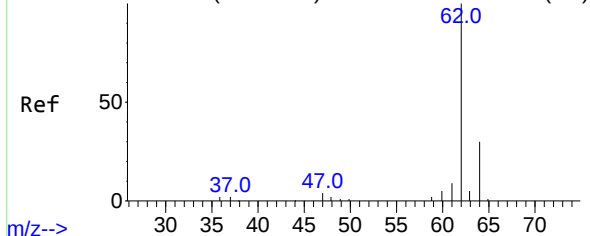
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Abundance Scan 52 (2.293 min): VN072593.D\data.ms (-1)



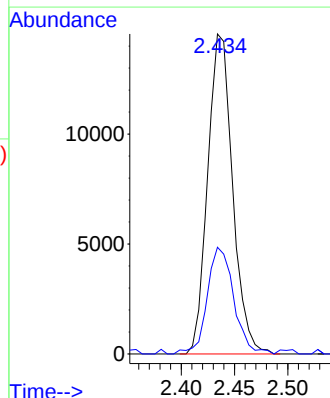
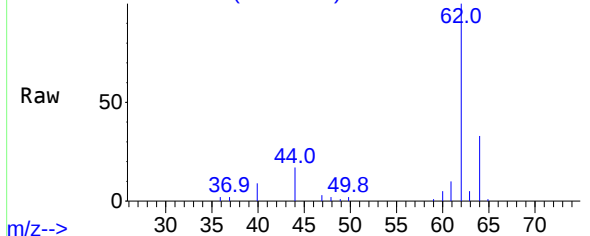
Abundance Scan 77 (2.440 min): VN072586.D\data.ms (-69)



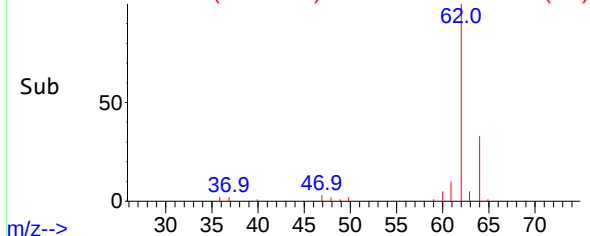
#4
Vinyl Chloride
Concen: 16.583 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.006 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

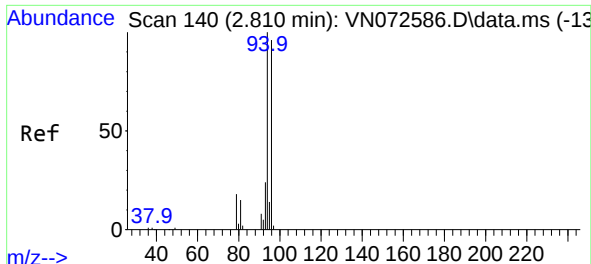
Tgt Ion: 62 Resp: 23657
Ion Ratio Lower Upper
62 100
64 32.1 25.0 37.4

Abundance Scan 76 (2.434 min): VN072593.D\data.ms



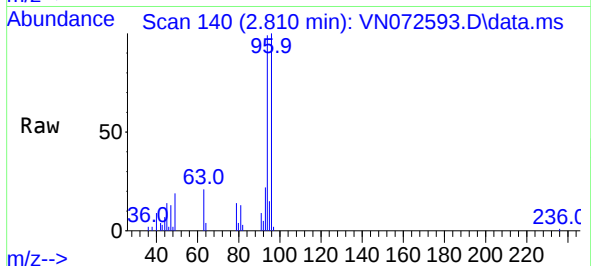
Abundance Scan 76 (2.434 min): VN072593.D\data.ms (-26)





#5
Bromomethane
Concen: 20.344 ug/l
RT: 2.810 min Scan# 140
Delta R.T. 0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

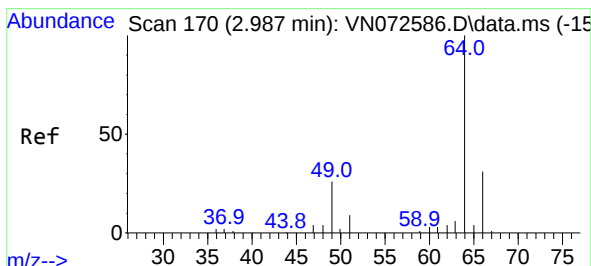
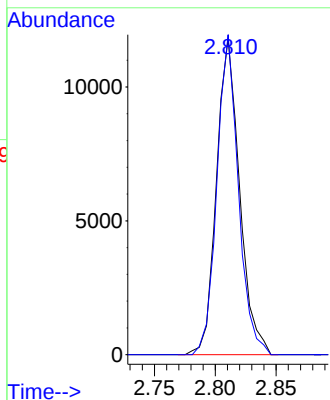
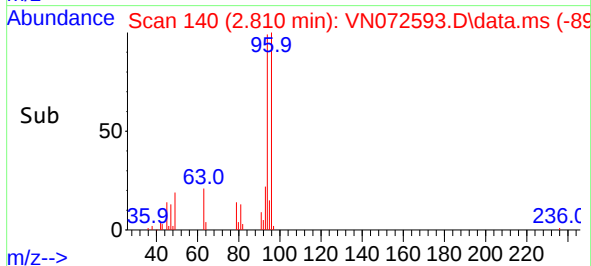
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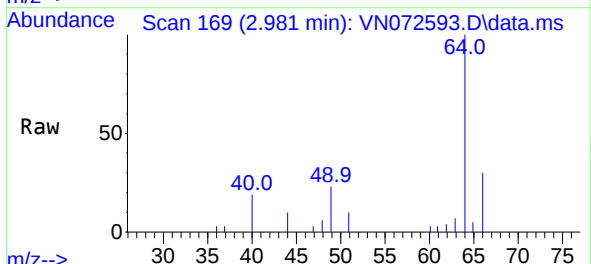
Tgt Ion: 94 Resp: 1560
Ion Ratio Lower Upper
94 100
96 101.2 76.0 114.0

Manual Integrations
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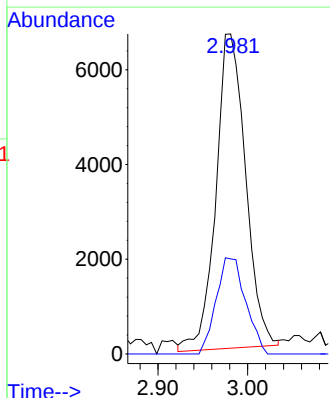
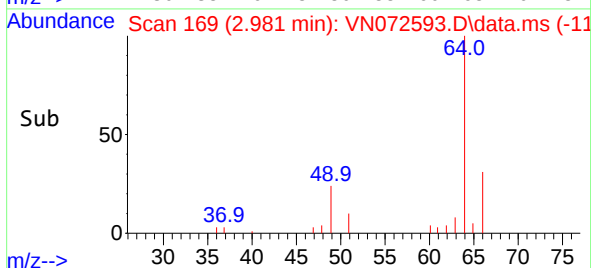
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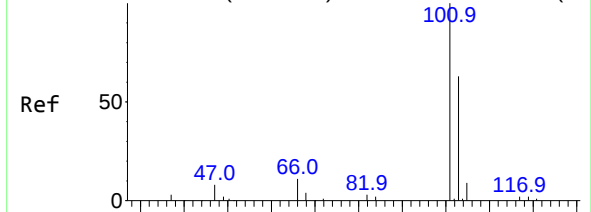
#6
Chloroethane
Concen: 16.935 ug/l
RT: 2.981 min Scan# 169
Delta R.T. -0.006 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51



Tgt Ion: 64 Resp: 15267
Ion Ratio Lower Upper
64 100
66 30.5 26.2 39.4

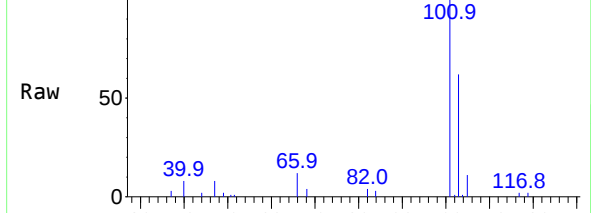


Abundance Scan 233 (3.357 min): VN072586.D\data.ms (-22



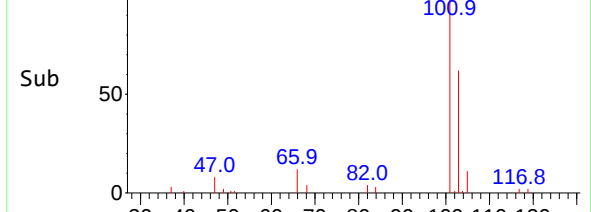
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Abundance Scan 232 (3.352 min): VN072593.D\data.ms



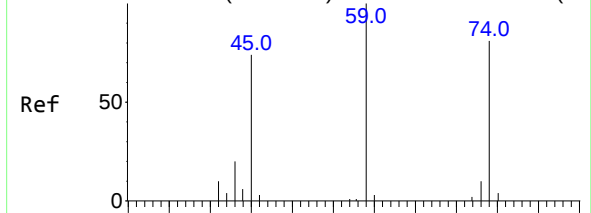
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Abundance Scan 232 (3.352 min): VN072593.D\data.ms (-18



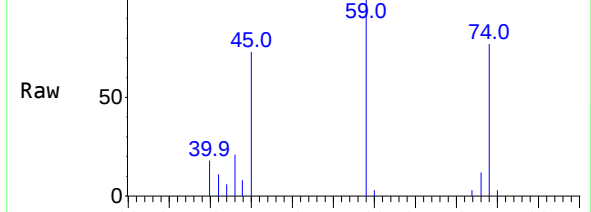
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Abundance Scan 312 (3.822 min): VN072586.D\data.ms (-30



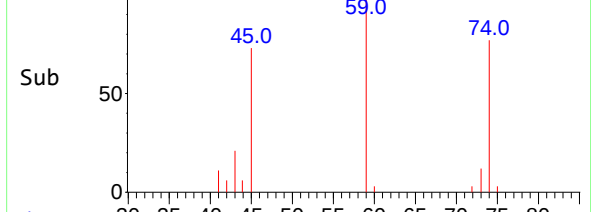
m/z-->

Abundance Scan 312 (3.822 min): VN072593.D\data.ms



m/z-->

Abundance Scan 312 (3.822 min): VN072593.D\data.ms (-26



m/z-->

#7

Trichlorofluoromethane

Concen: 16.599 ug/l

RT: 3.352 min Scan# 21

Delta R.T. -0.005 min

Lab File: VN072593.D

Acq: 24 May 2022 17:51

Tgt Ion:101 Resp: 40062

Ion Ratio Lower Upper

101 100

103 61.6 51.5 77.3

Instrument :

MSVOA_N

ClientSampleId :

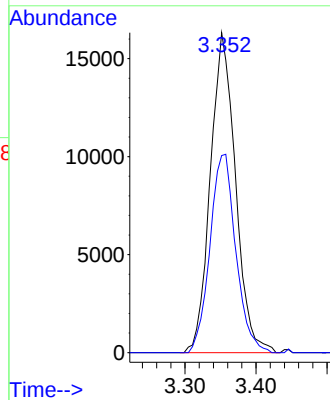
VN0524WBS01

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#8

Diethyl Ether

Concen: 17.766 ug/l

RT: 3.822 min Scan# 312

Delta R.T. 0.000 min

Lab File: VN072593.D

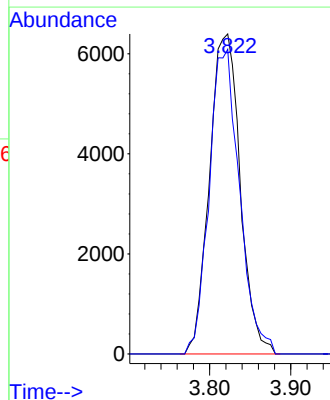
Acq: 24 May 2022 17:51

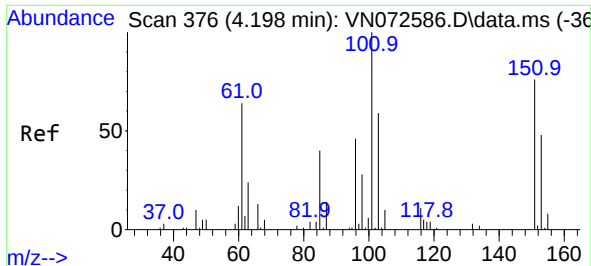
Tgt Ion: 74 Resp: 16827

Ion Ratio Lower Upper

74 100

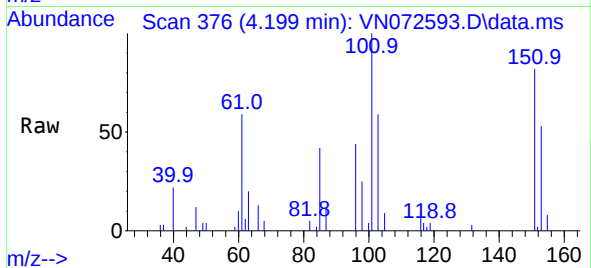
45 94.2 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.741 ug/l
RT: 4.199 min Scan# 31
Delta R.T. 0.001 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

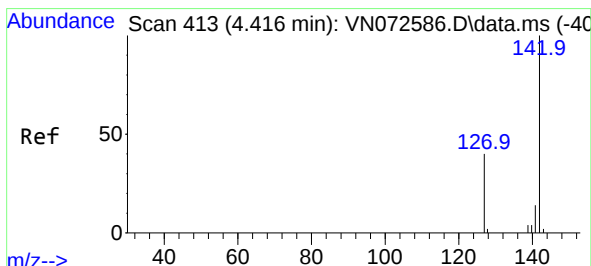
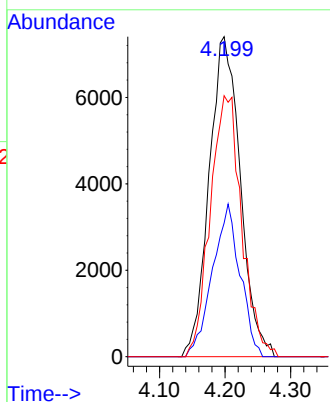
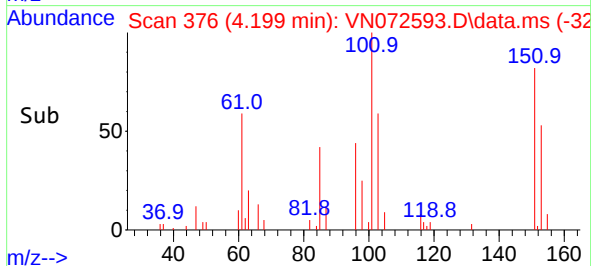
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



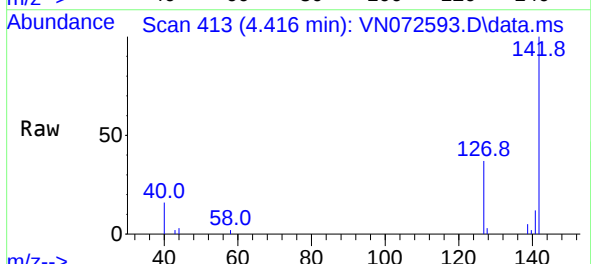
Tgt Ion:101 Resp: 24419
Ion Ratio Lower Upper
101 100
85 42.3 34.7 52.1
151 82.1 63.0 94.4

Manual Integrations
APPROVED

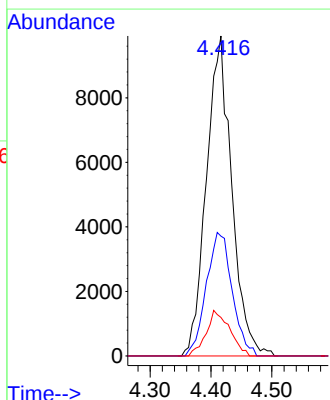
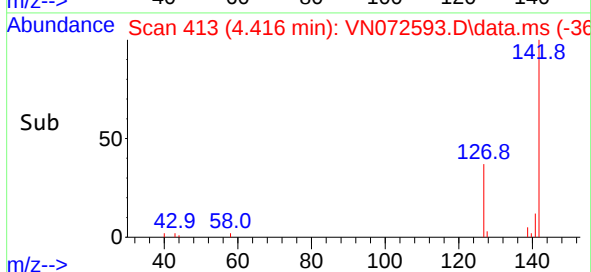
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

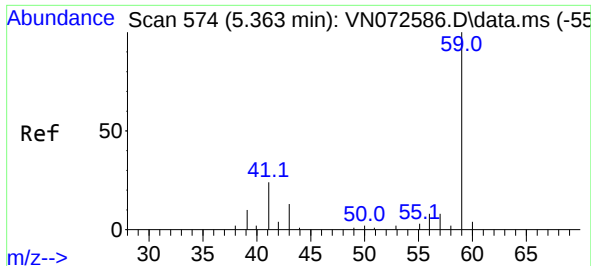


#10
Methyl Iodide
Concen: 16.725 ug/l
RT: 4.416 min Scan# 413
Delta R.T. 0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51



Tgt Ion:142 Resp: 28710
Ion Ratio Lower Upper
142 100
127 39.4 31.3 46.9
141 13.2 11.2 16.8





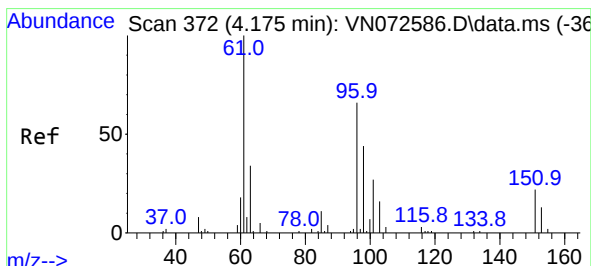
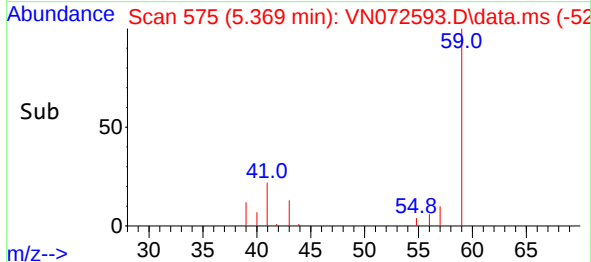
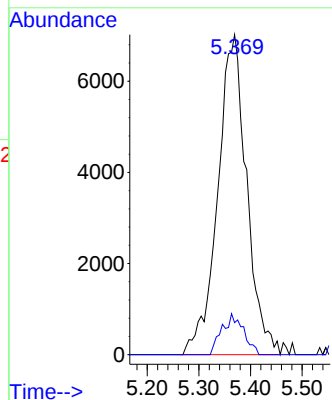
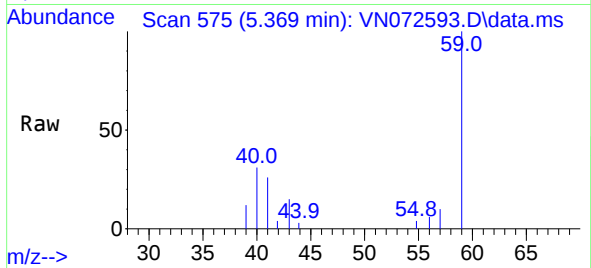
#11
Tert butyl alcohol
Concen: 83.201 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01

Tgt Ion: 59 Resp: 27310
Ion Ratio Lower Upper
59 100
57 9.5 8.3 12.5

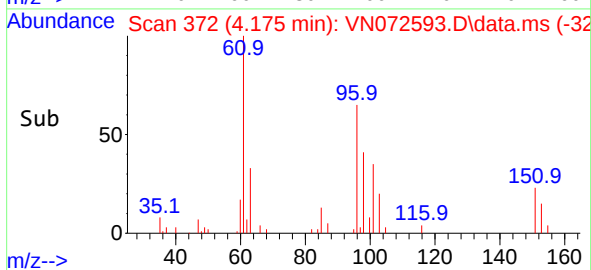
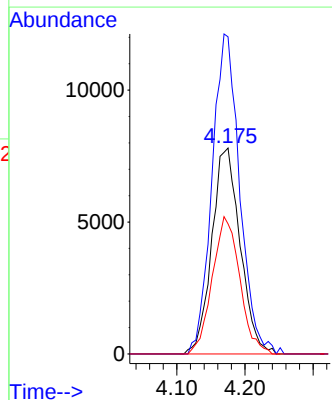
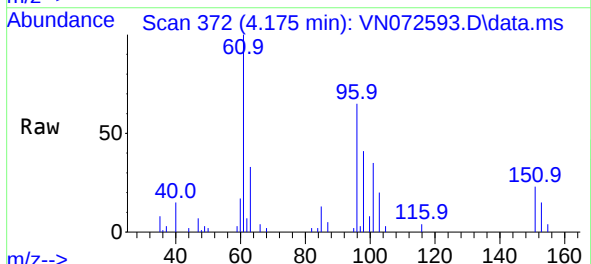
Manual Integrations
APPROVED

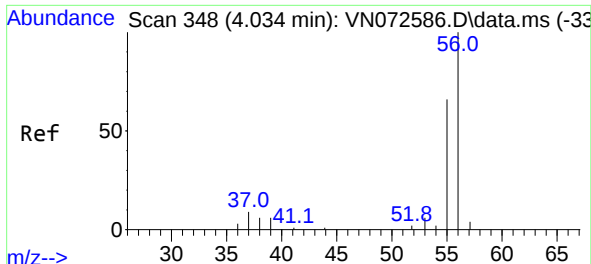
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#12
1,1-Dichloroethene
Concen: 16.739 ug/l
RT: 4.175 min Scan# 372
Delta R.T. 0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

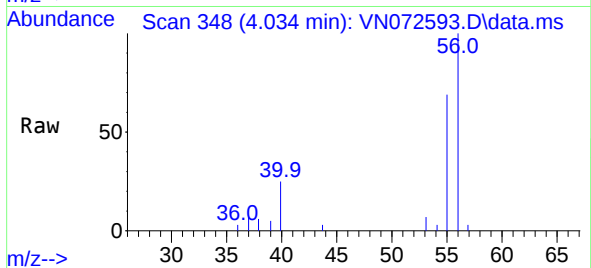
Tgt Ion: 96 Resp: 22598
Ion Ratio Lower Upper
96 100
61 154.0 127.6 191.4
98 63.2 51.2 76.8





#13
Acrolein
Concen: 89.750 ug/l
RT: 4.034 min Scan# 348
Delta R.T. -0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

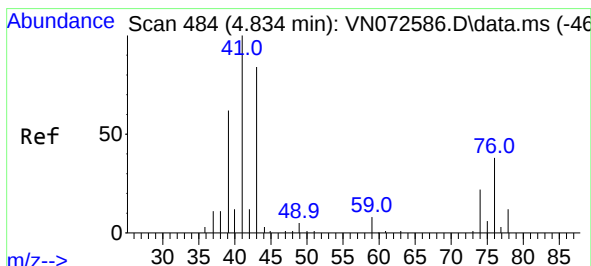
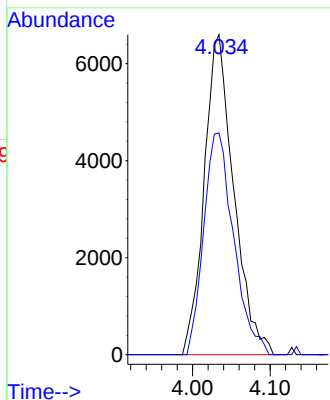
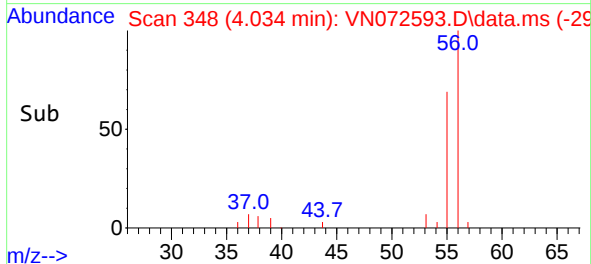
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



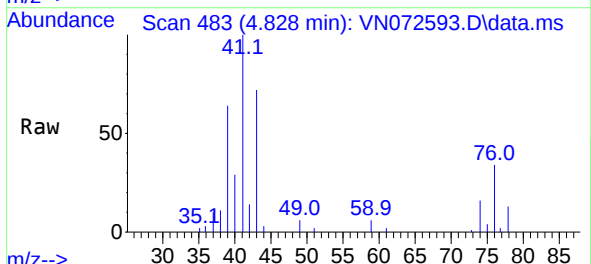
Tgt Ion: 56 Resp: 17480
Ion Ratio Lower Upper
56 100
55 70.3 54.8 82.2

Manual Integrations
APPROVED

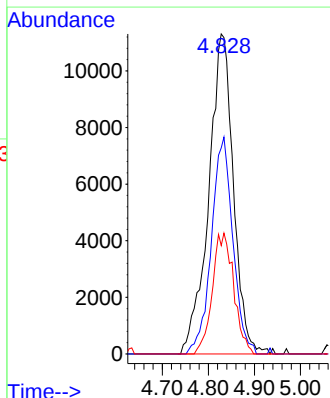
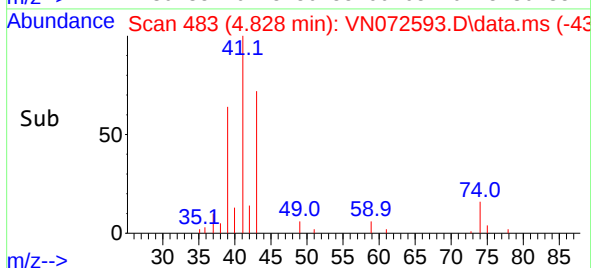
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

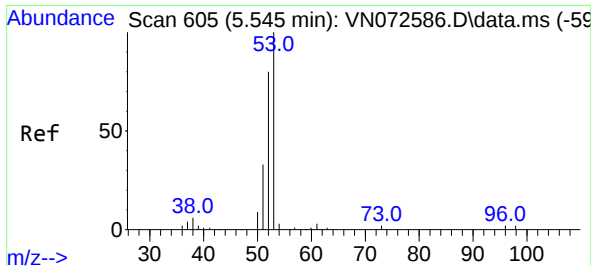


#14
Allyl chloride
Concen: 16.797 ug/l
RT: 4.828 min Scan# 483
Delta R.T. -0.006 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51



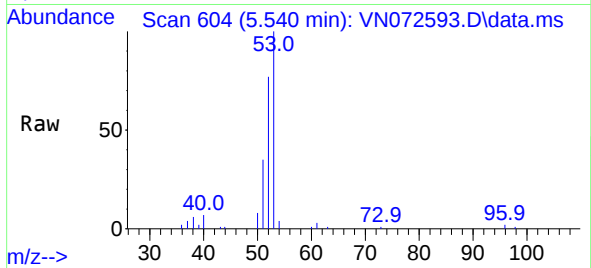
Tgt Ion: 41 Resp: 42218
Ion Ratio Lower Upper
41 100
39 58.8 53.2 79.8
76 32.6 29.9 44.9





#15
Acrylonitrile
Concen: 83.753 ug/l
RT: 5.540 min Scan# 605
Delta R.T. -0.005 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

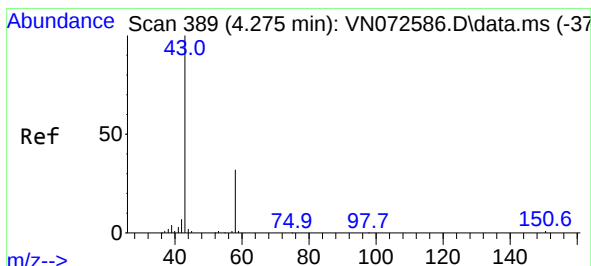
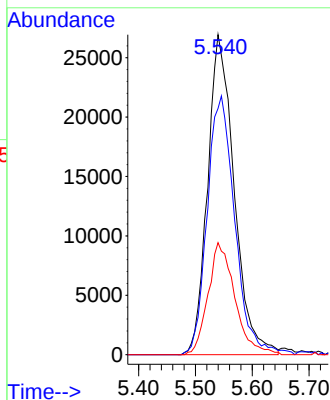
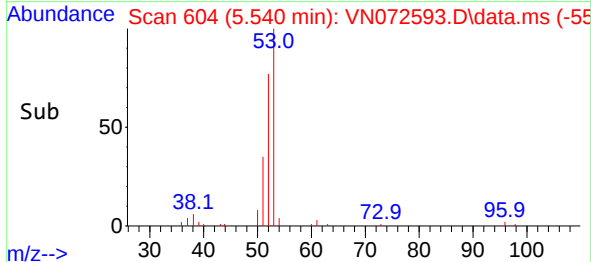
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



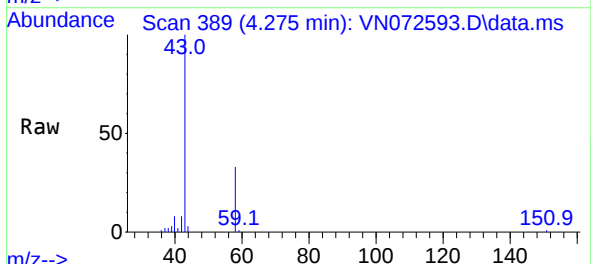
Tgt Ion: 53 Resp: 87419
Ion Ratio Lower Upper
53 100
52 84.1 66.4 99.6
51 35.4 28.5 42.7

Manual Integrations
APPROVED

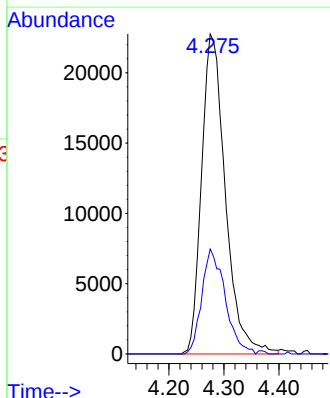
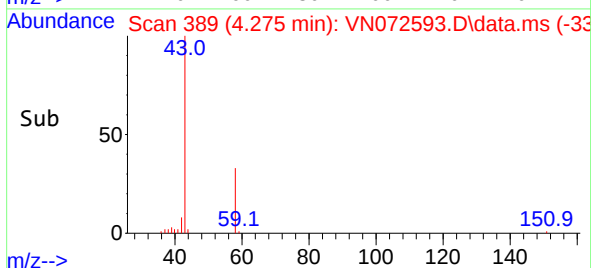
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

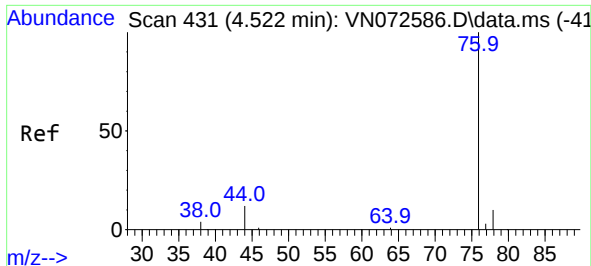


#16
Acetone
Concen: 79.945 ug/l
RT: 4.275 min Scan# 389
Delta R.T. 0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51



Tgt Ion: 43 Resp: 68496
Ion Ratio Lower Upper
43 100
58 32.8 26.0 39.0





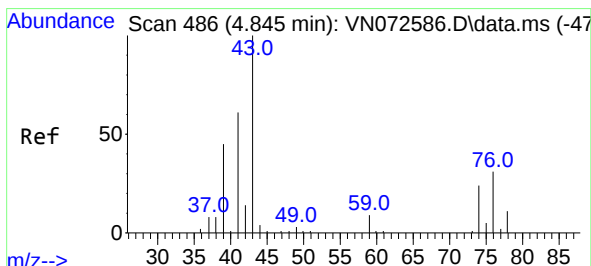
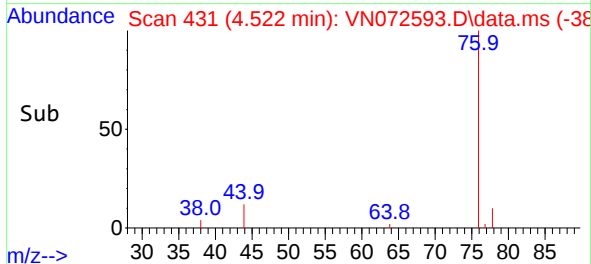
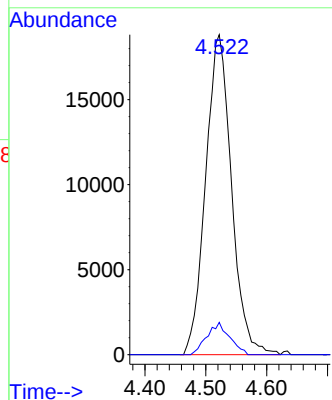
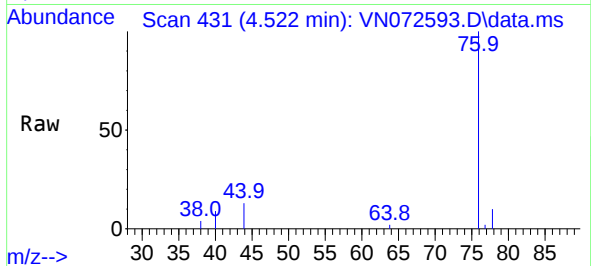
#17
Carbon Disulfide
Concen: 16.221 ug/l
RT: 4.522 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01

Tgt Ion: 76 Resp: 5549
Ion Ratio Lower Upper
76 100
78 10.1 7.2 10.8

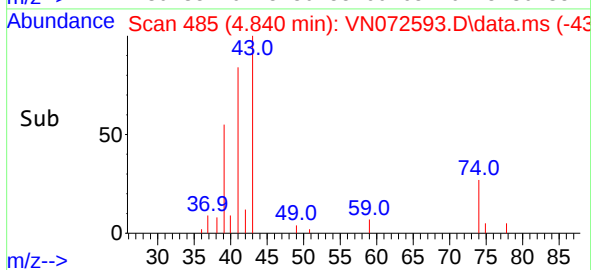
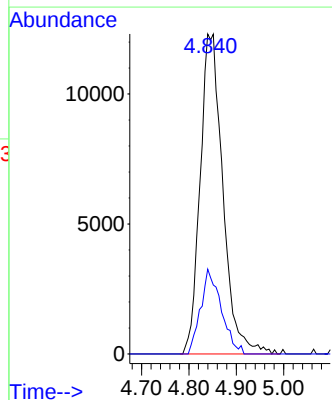
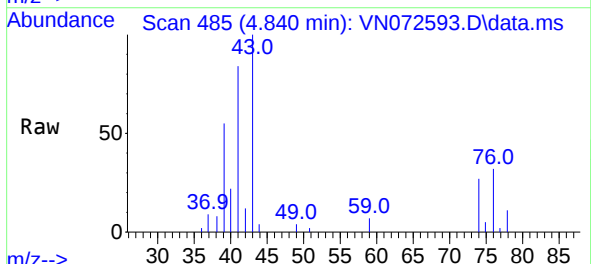
Manual Integrations
APPROVED

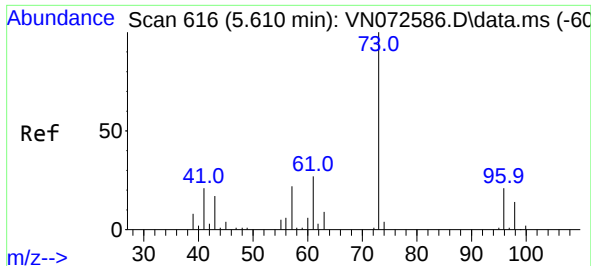
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#18
Methyl Acetate
Concen: 17.316 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.005 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

Tgt Ion: 43 Resp: 41137
Ion Ratio Lower Upper
43 100
74 24.0 21.6 32.4





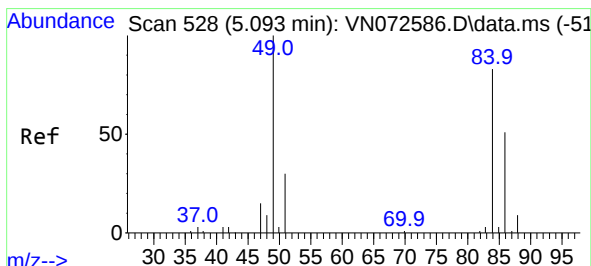
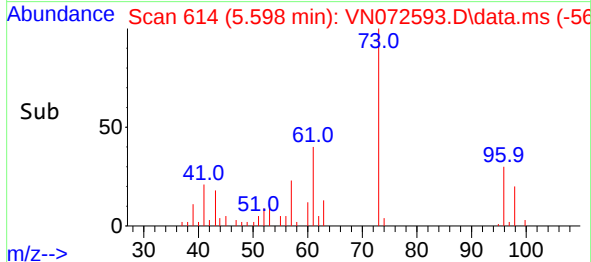
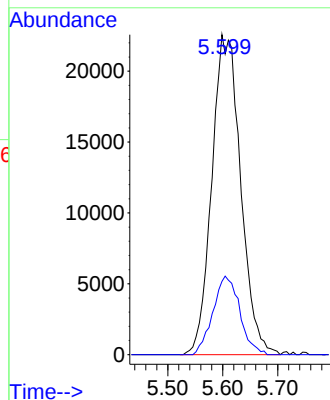
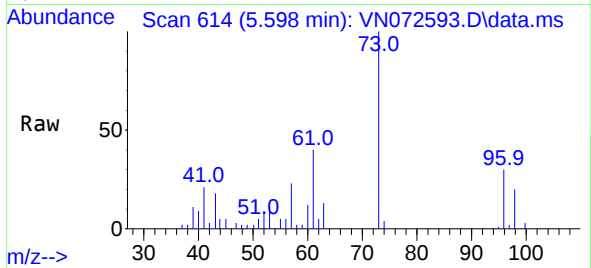
#19
Methyl tert-butyl Ether
Concen: 17.206 ug/l
RT: 5.598 min Scan# 616
Delta R.T. -0.012 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01

Tgt Ion: 73 Resp: 8219
Ion Ratio Lower Upper
73 100
57 22.9 17.6 26.4

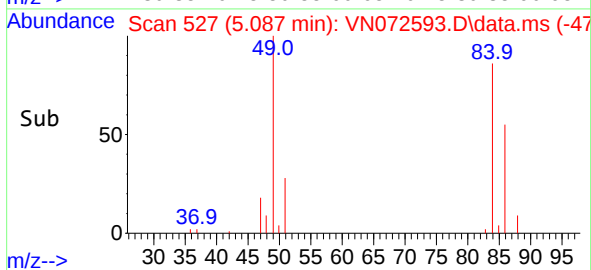
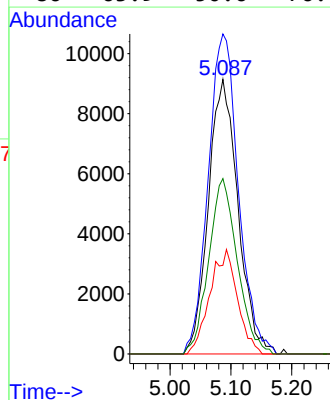
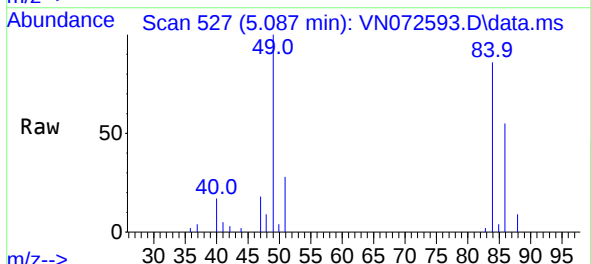
Manual Integrations
APPROVED

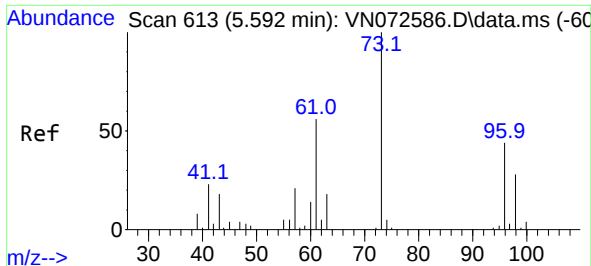
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#20
Methylene Chloride
Concen: 17.859 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

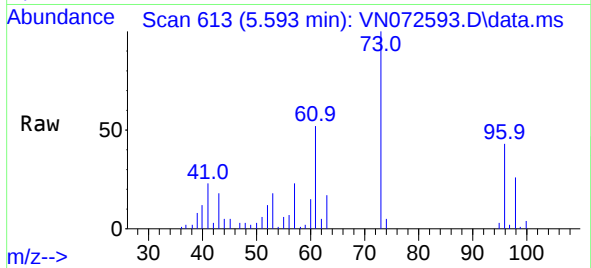
Tgt Ion: 84 Resp: 30891
Ion Ratio Lower Upper
84 100
49 116.6 88.3 132.5
51 32.3 28.2 42.2
86 63.9 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 16.950 ug/l
RT: 5.593 min Scan# 613
Delta R.T. 0.001 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

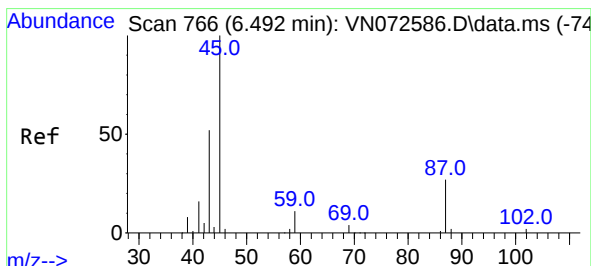
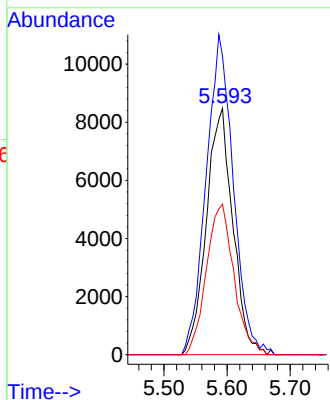
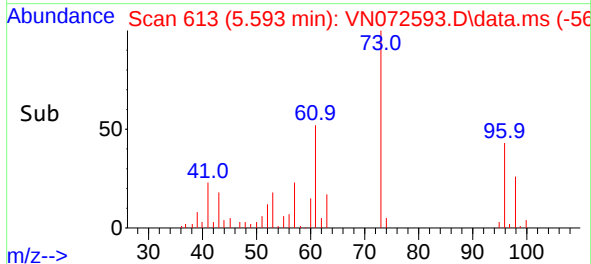
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



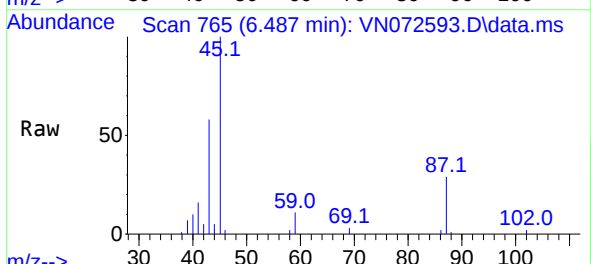
Tgt Ion: 96 Resp: 24762
Ion Ratio Lower Upper
96 100
61 121.2 105.8 158.8
98 61.1 50.3 75.5

Manual Integrations
APPROVED

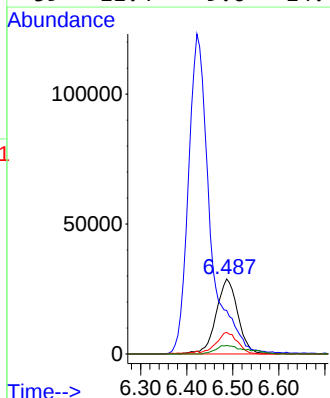
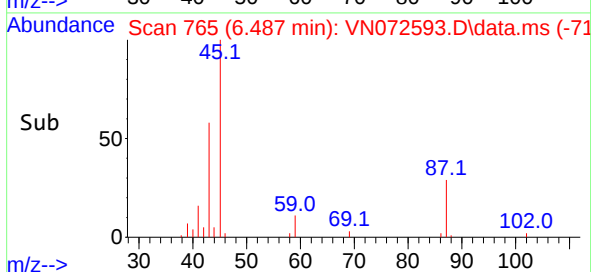
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

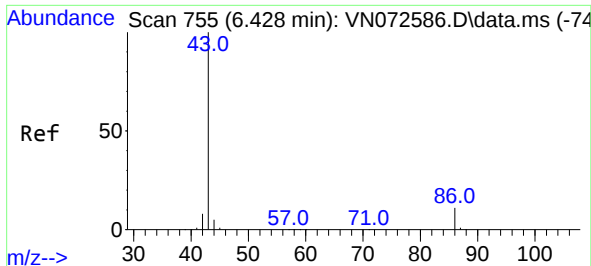


#22
Diisopropyl ether
Concen: 17.613 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.005 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51



Tgt Ion: 45 Resp: 94066
Ion Ratio Lower Upper
45 100
43 55.7 46.6 70.0
87 28.8 24.3 36.5
59 11.4 9.6 14.4





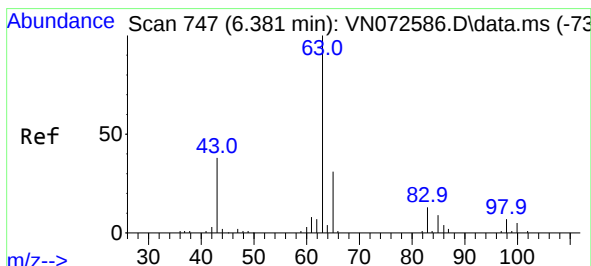
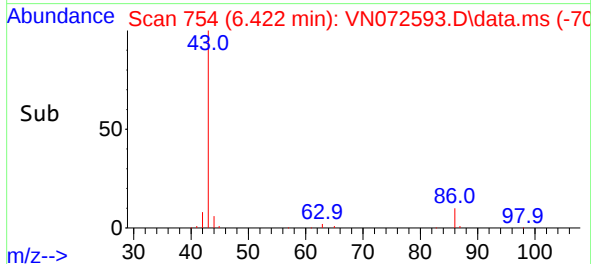
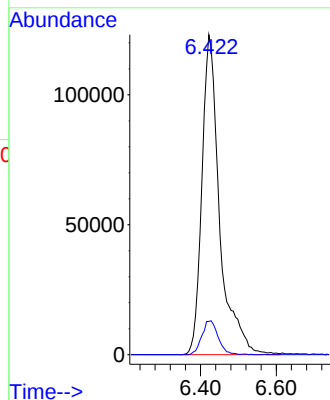
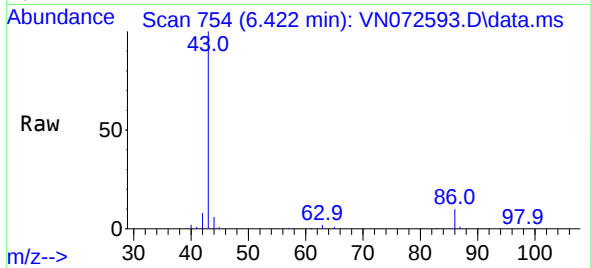
#23
 Vinyl Acetate
 Concen: 88.277 ug/l
 RT: 6.422 min Scan# 754
 Delta R.T. -0.006 min
 Lab File: VN072593.D
 Acq: 24 May 2022 17:51

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBS01

Tgt Ion: 43 Resp: 400408
 Ion Ratio Lower Upper
 43 100
 86 10.4 10.0 15.0

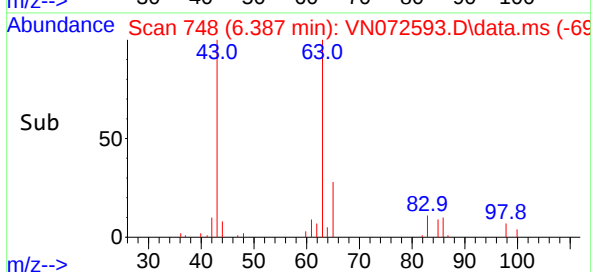
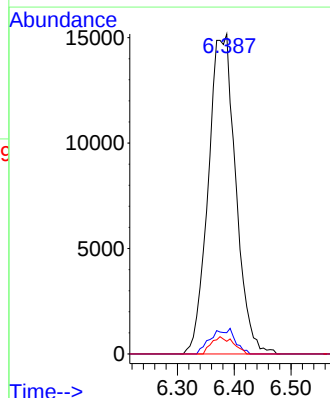
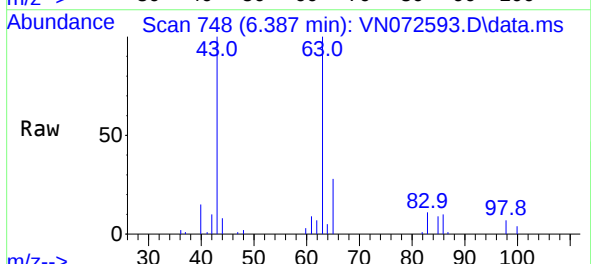
Manual Integrations
 APPROVED

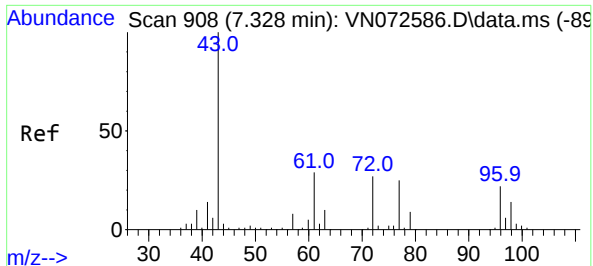
Reviewed By :John Carlone 05/25/2022
 Supervised By :Mahesh Dadoda 05/25/2022



#24
 1,1-Dichloroethane
 Concen: 17.612 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. 0.006 min
 Lab File: VN072593.D
 Acq: 24 May 2022 17:51

Tgt Ion: 63 Resp: 50731
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.5 10.4
 100 4.0 2.3 6.8





#25

2-Butanone

Concen: 84.224 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN072593.D

Acq: 24 May 2022 17:51

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBS01

Tgt Ion: 43 Resp: 12176

Ion Ratio Lower Upper

43 100

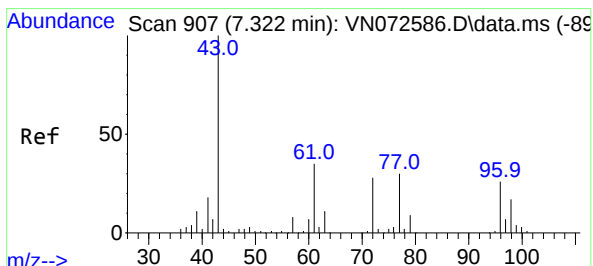
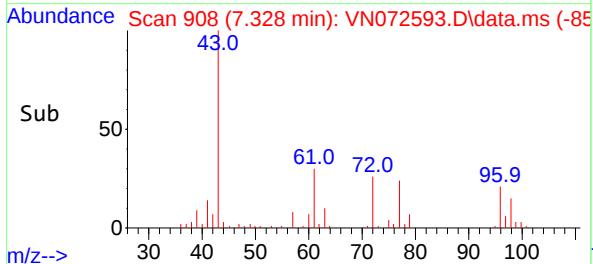
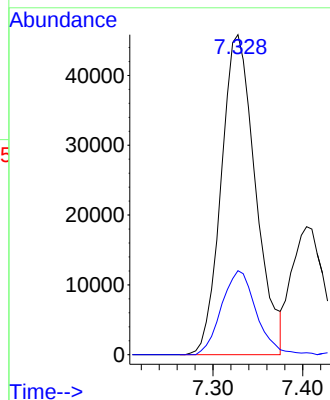
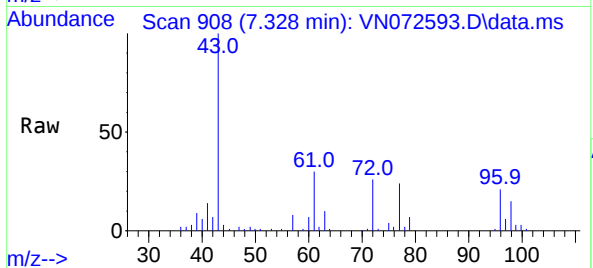
72 26.3 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#26

2,2-Dichloropropane

Concen: 16.406 ug/l

RT: 7.316 min Scan# 906

Delta R.T. -0.006 min

Lab File: VN072593.D

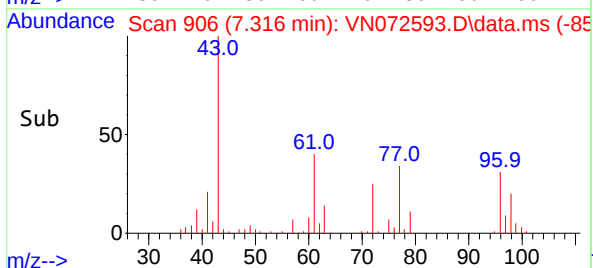
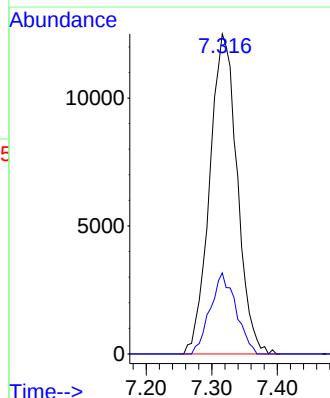
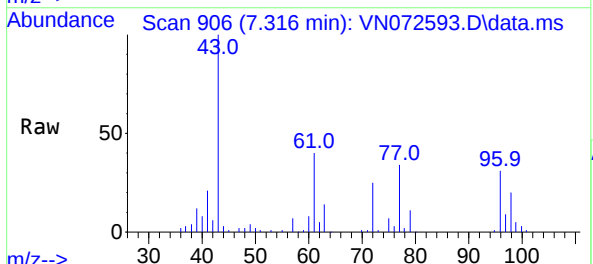
Acq: 24 May 2022 17:51

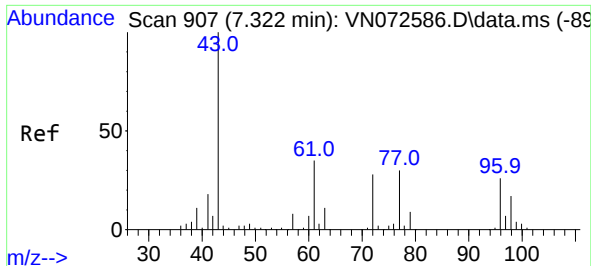
Tgt Ion: 77 Resp: 36389

Ion Ratio Lower Upper

77 100

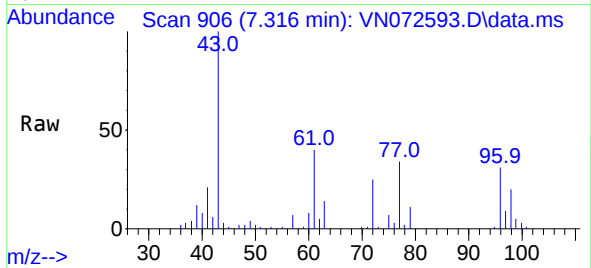
97 23.6 11.4 34.2





#27
cis-1,2-Dichloroethene
Concen: 16.769 ug/l
RT: 7.316 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

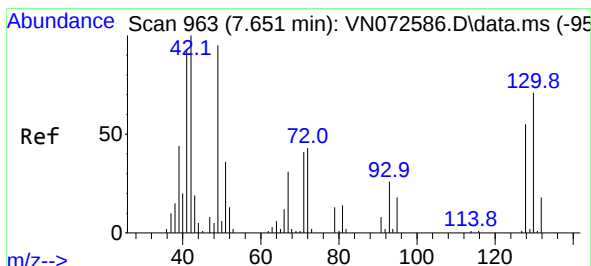
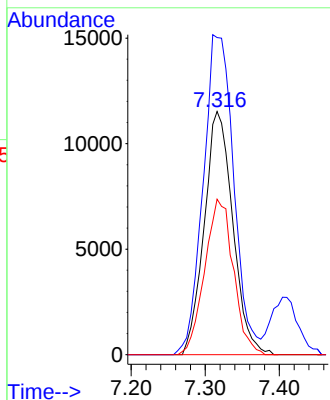
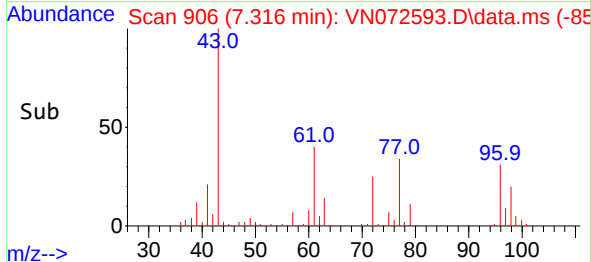
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



Tgt Ion: 96 Resp: 30904
Ion Ratio Lower Upper
96 100
61 140.8 0.0 280.6
98 64.0 0.0 128.4

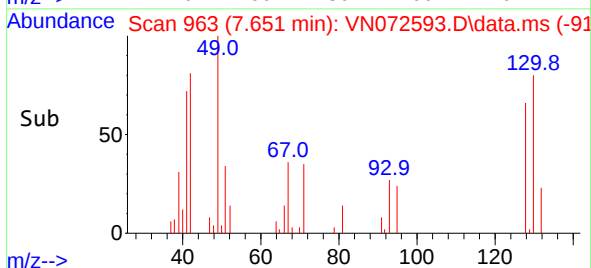
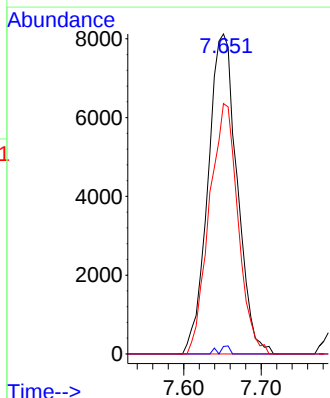
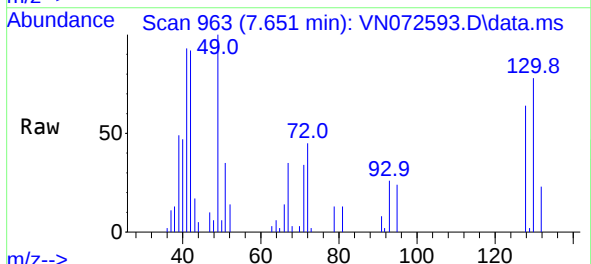
Manual Integrations
APPROVED

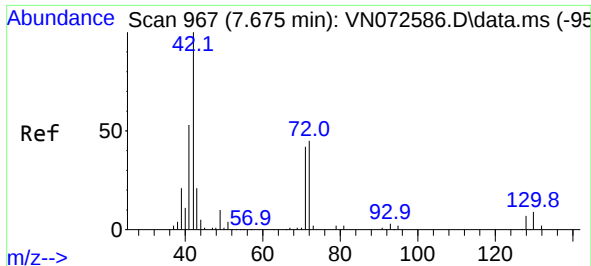
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#28
Bromochloromethane
Concen: 17.882 ug/l
RT: 7.651 min Scan# 963
Delta R.T. 0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

Tgt Ion: 49 Resp: 21250
Ion Ratio Lower Upper
49 100
129 0.9 0.0 4.6
130 76.8 69.7 104.5





#29

Tetrahydrofuran

Concen: 86.864 ug/l

RT: 7.675 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN072593.D

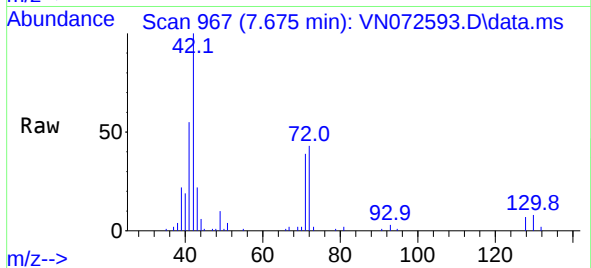
Acq: 24 May 2022 17:51

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBS01



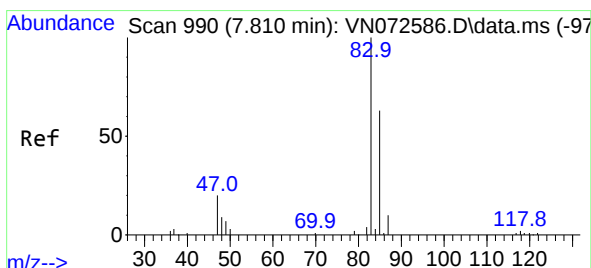
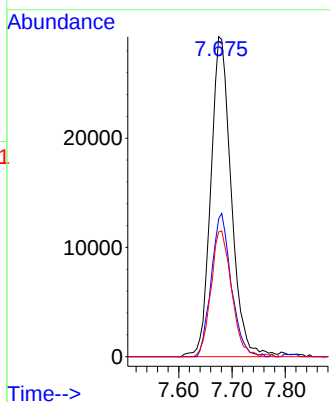
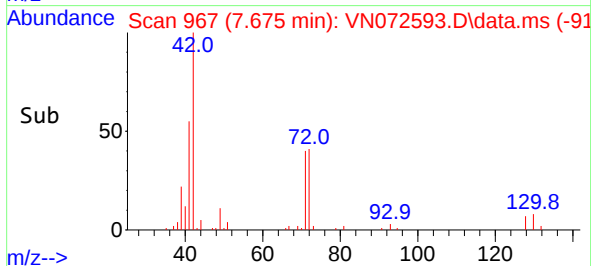
Tgt Ion:	42	Resp:	7813
Ion	Ratio	Lower	Upper
42	100		
72	43.5	39.7	59.5
71	39.3	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#30

Chloroform

Concen: 16.444 ug/l

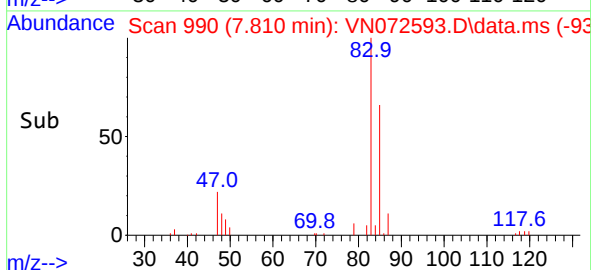
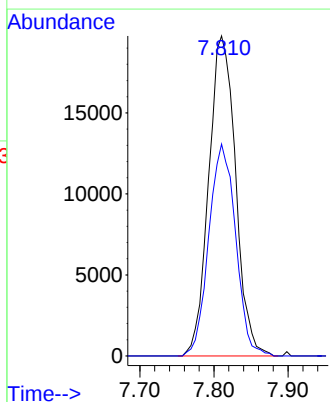
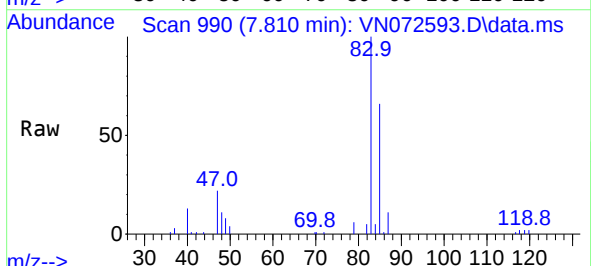
RT: 7.810 min Scan# 990

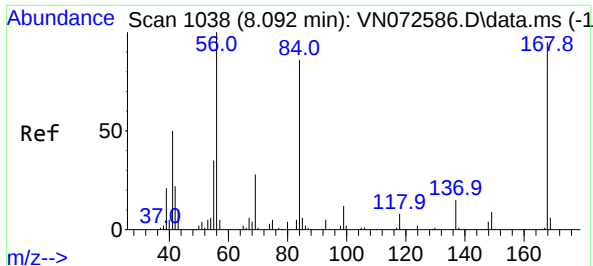
Delta R.T. 0.000 min

Lab File: VN072593.D

Acq: 24 May 2022 17:51

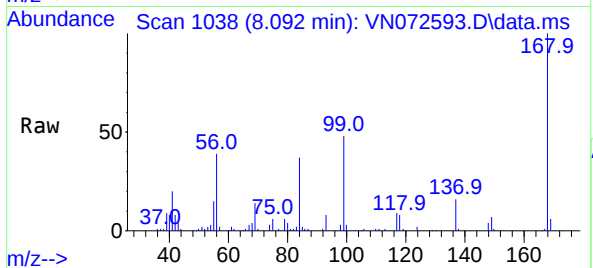
Tgt Ion:	83	Resp:	49793
Ion	Ratio	Lower	Upper
83	100		
85	66.2	51.8	77.8





#31
Cyclohexane
Concen: 16.987 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

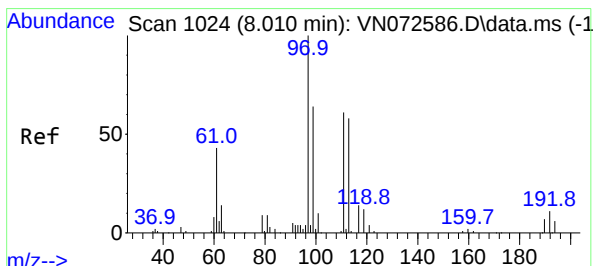
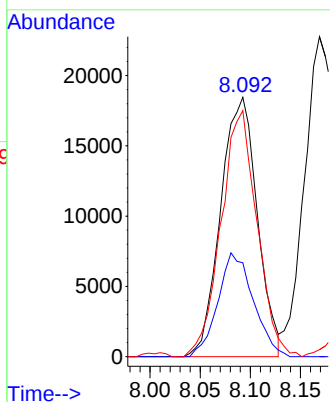
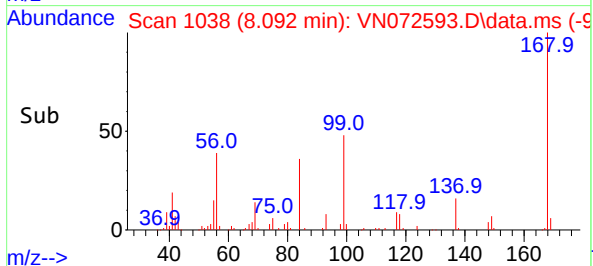
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



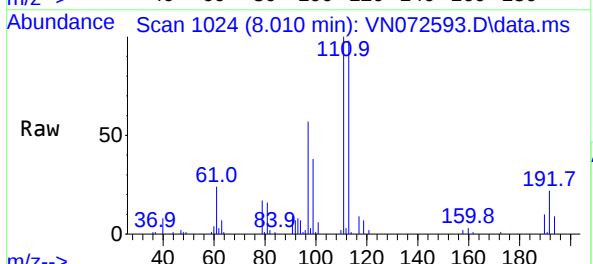
Tgt Ion: 56 Resp: 46900
Ion Ratio Lower Upper
56 100
69 36.2 27.8 41.8
84 94.9 76.9 115.3

Manual Integrations
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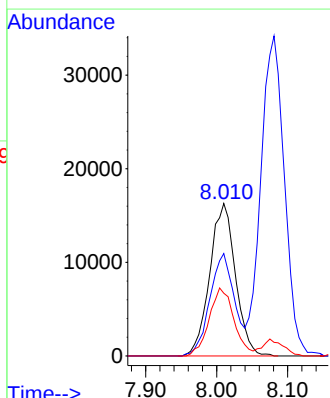
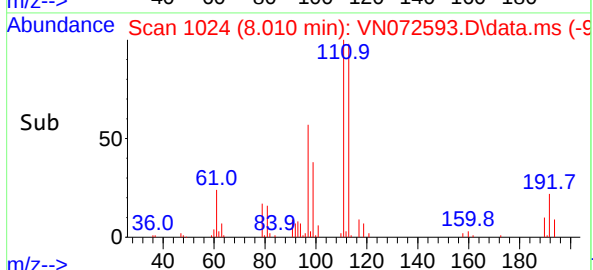
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

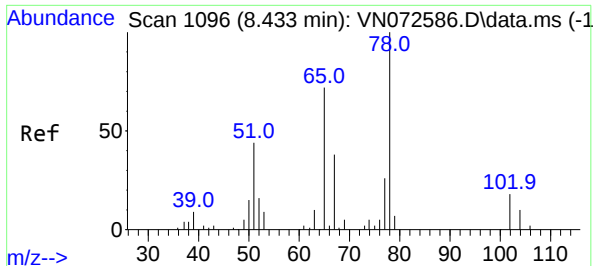


#32
1,1,1-Trichloroethane
Concen: 16.115 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51



Tgt Ion: 97 Resp: 40870
Ion Ratio Lower Upper
97 100
99 64.8 50.6 76.0
61 43.1 36.0 54.0





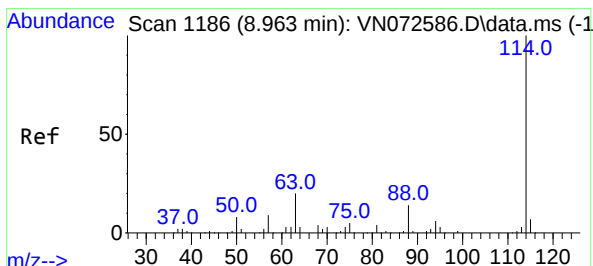
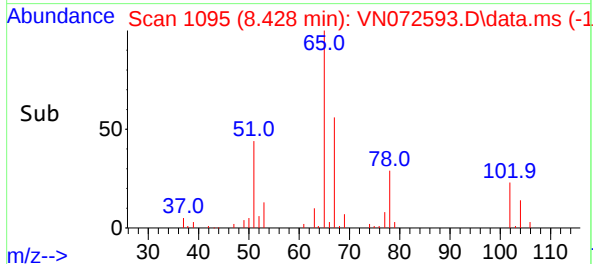
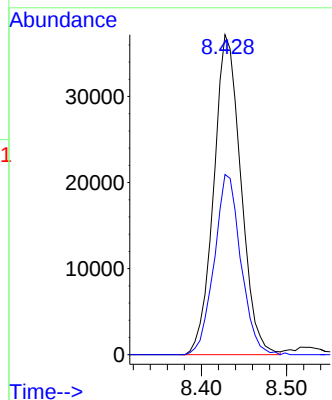
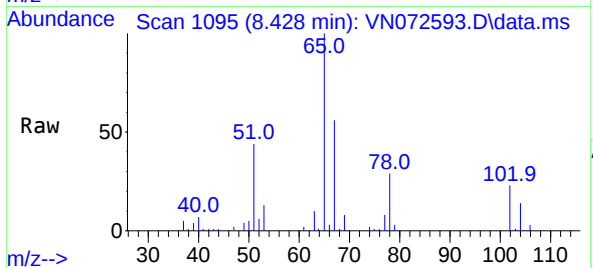
#33
1,2-Dichloroethane-d4
Concen: 47.210 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. -0.005 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01

Tgt Ion: 65 Resp: 8229
Ion Ratio Lower Upper
65 100
67 55.2 0.0 104.8

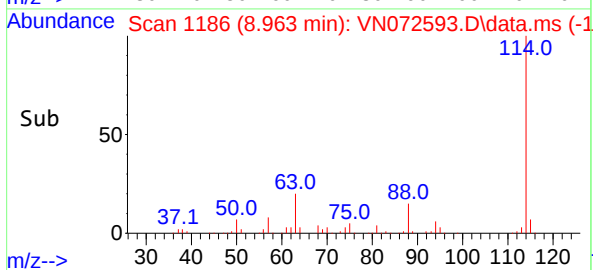
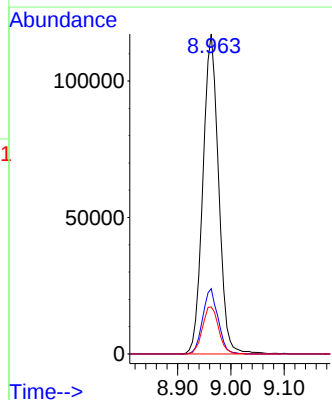
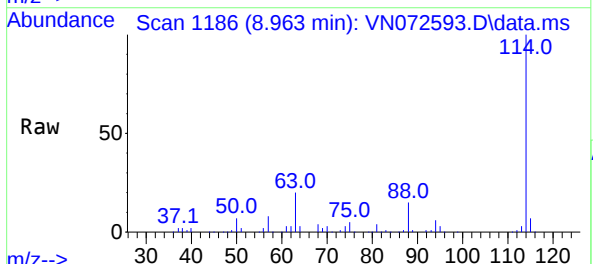
Manual Integrations
APPROVED

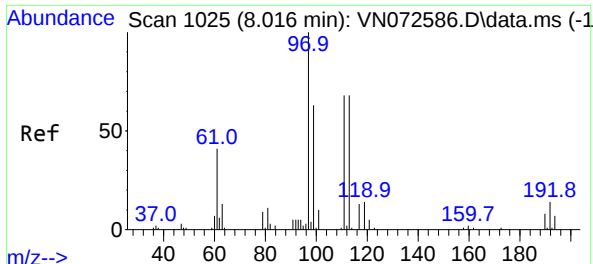
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

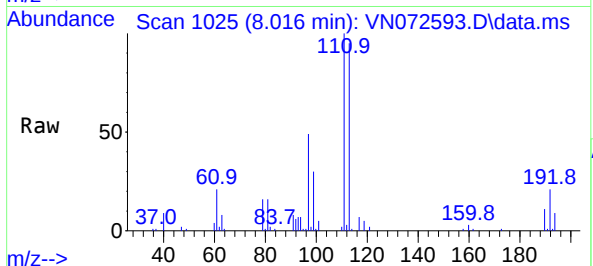
Tgt Ion:114 Resp: 239867
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.0
88 14.7 0.0 32.6





#35
Dibromofluoromethane
Concen: 45.657 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

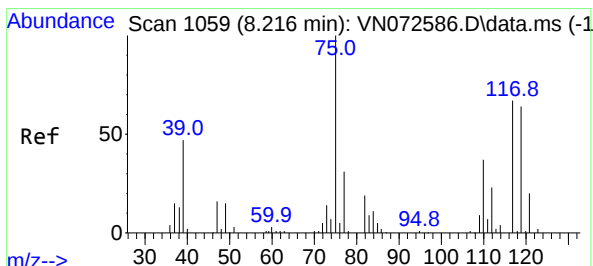
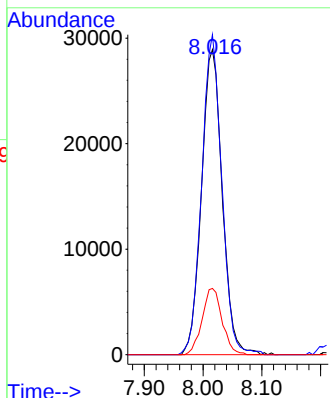
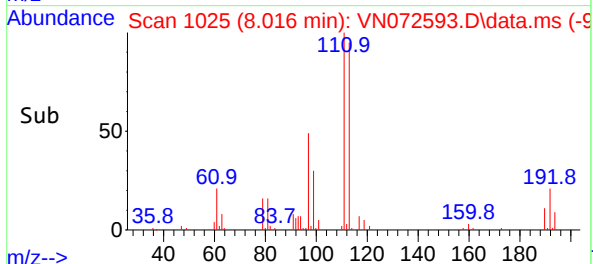
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



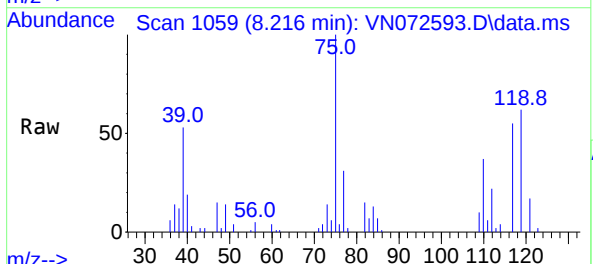
Tgt Ion: 113 Resp: 7098
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.0
192 20.9 17.0 25.6

Manual Integrations
APPROVED

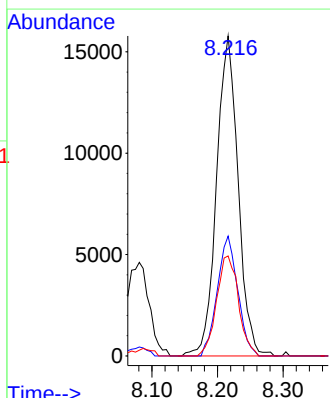
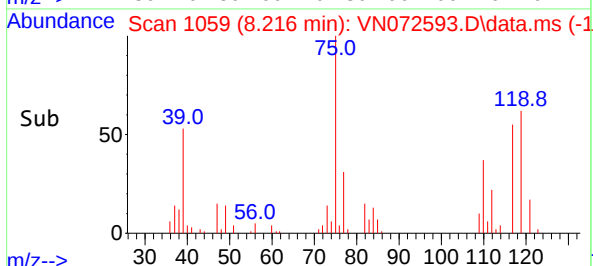
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

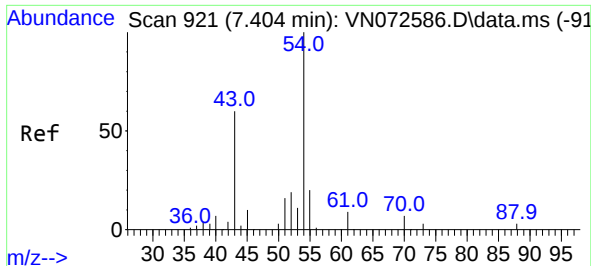


#36
1,1-Dichloropropene
Concen: 16.368 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51



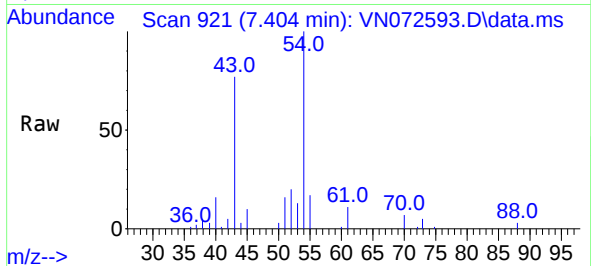
Tgt Ion: 75 Resp: 36001
Ion Ratio Lower Upper
75 100
110 35.5 18.3 54.8
77 31.7 25.1 37.7





#37
Ethyl Acetate
Concen: 16.647 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

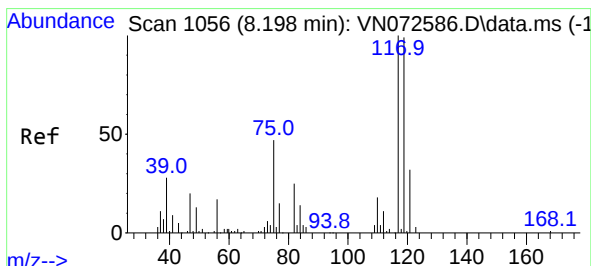
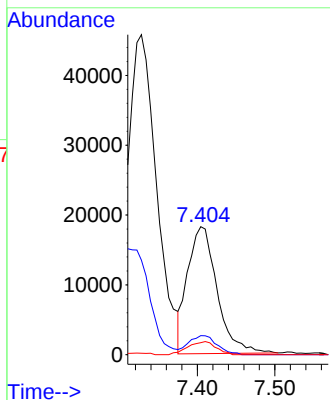
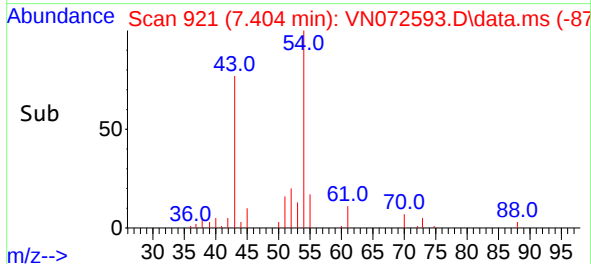
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



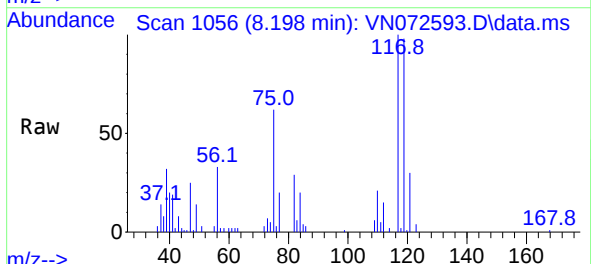
Tgt Ion: 43 Resp: 4786
Ion Ratio Lower Upper
43 100
61 14.4 11.8 17.6
70 9.9 9.3 13.9

Manual Integrations
APPROVED

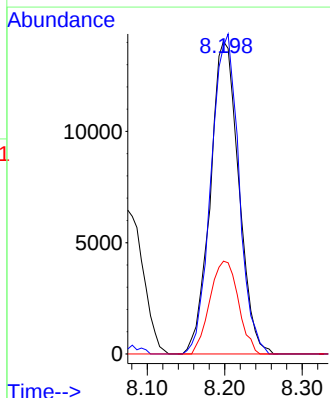
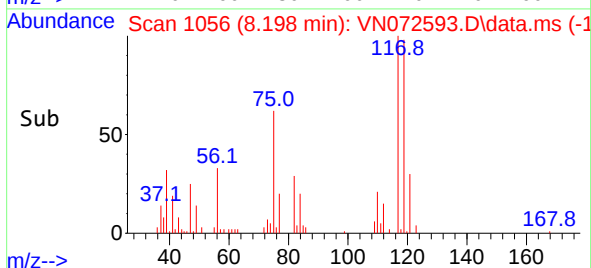
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

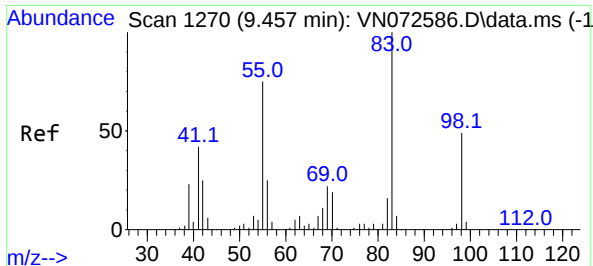


#38
Carbon Tetrachloride
Concen: 15.430 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51



Tgt Ion:117 Resp: 35824
Ion Ratio Lower Upper
117 100
119 98.5 75.8 113.8
121 29.7 24.6 37.0





#39

Methylcyclohexane

Concen: 16.331 ug/l

RT: 9.457 min Scan# 1099

Delta R.T. 0.000 min

Lab File: VN072593.D

Acq: 24 May 2022 17:51

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBS01

Tgt Ion: 83 Resp: 4426

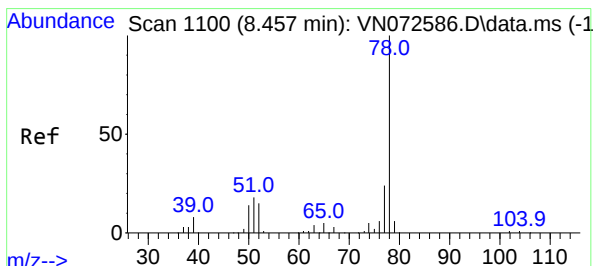
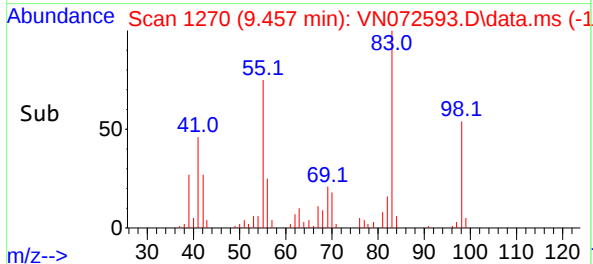
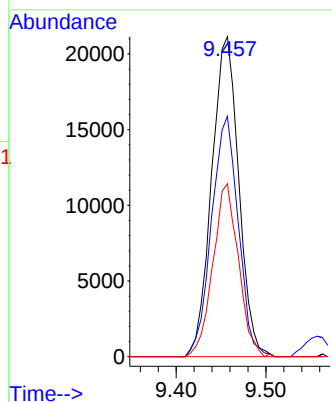
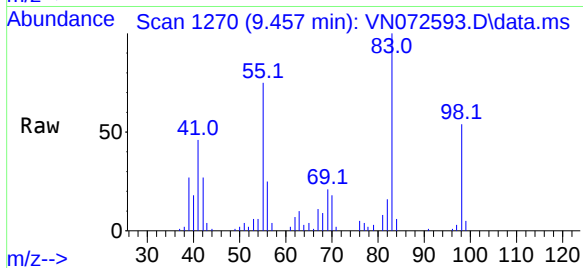
Ion	Ratio	Lower	Upper
83	100		
55	75.1	57.8	86.8
98	54.1	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#40

Benzene

Concen: 16.786 ug/l

RT: 8.451 min Scan# 1099

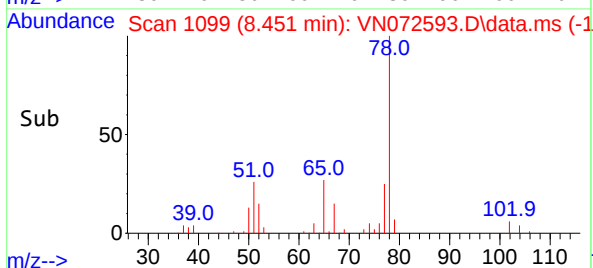
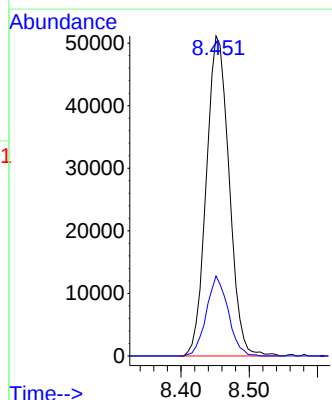
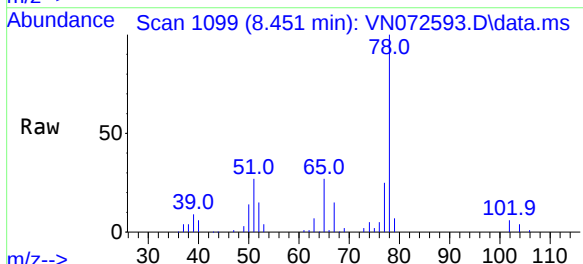
Delta R.T. -0.006 min

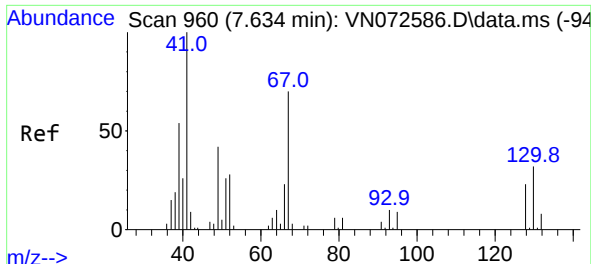
Lab File: VN072593.D

Acq: 24 May 2022 17:51

Tgt Ion: 78 Resp: 119138

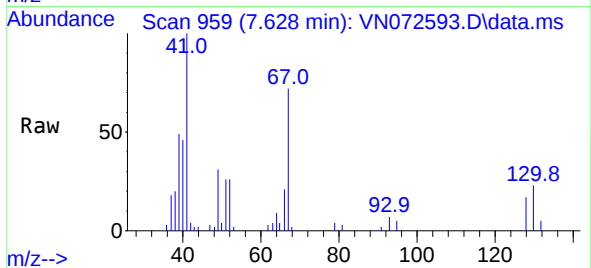
Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.4	29.0





#41
Methacrylonitrile
Concen: 16.201 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

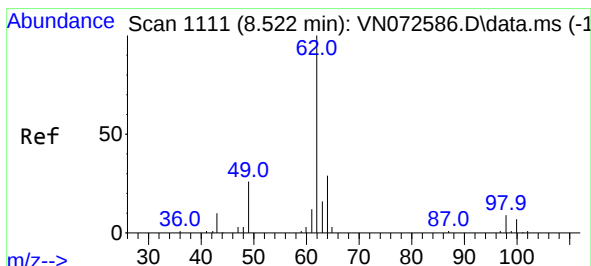
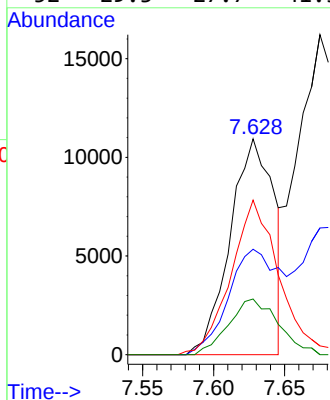
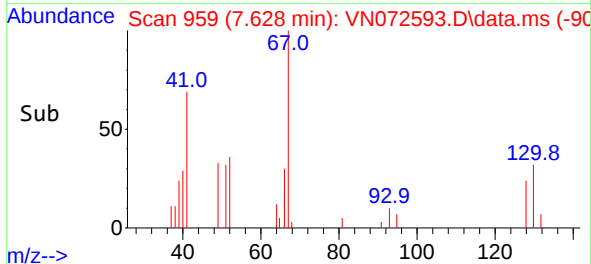
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



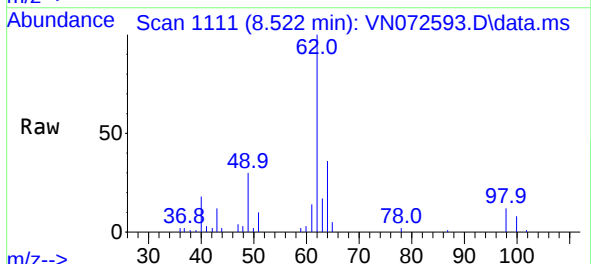
Tgt Ion: 41 Resp: 2343
Ion Ratio Lower Upper
41 100
39 58.3 48.6 73.0
67 78.9 73.4 110.2
52 29.3 27.7 41.5

Manual Integrations
APPROVED

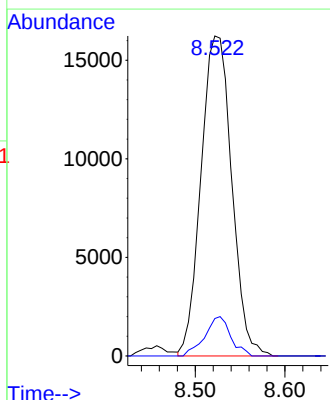
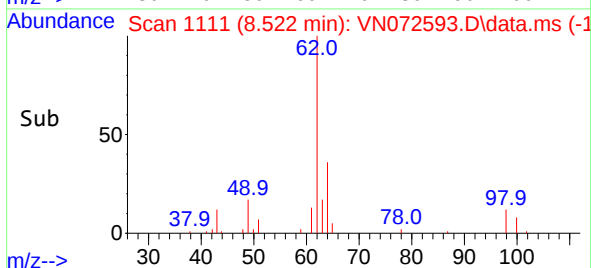
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

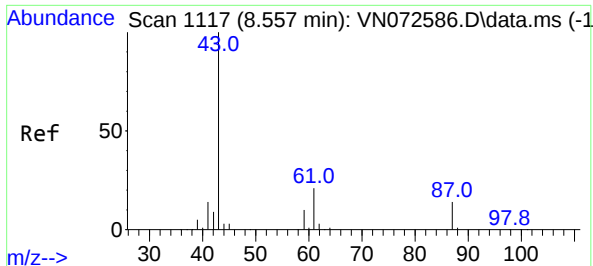


#42
1,2-Dichloroethane
Concen: 16.778 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51



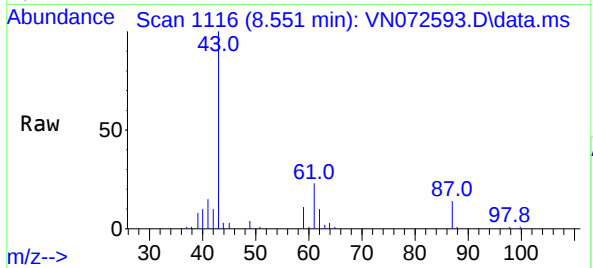
Tgt Ion: 62 Resp: 38580
Ion Ratio Lower Upper
62 100
98 10.3 0.0 19.4





#43
Isopropyl Acetate
Concen: 16.911 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

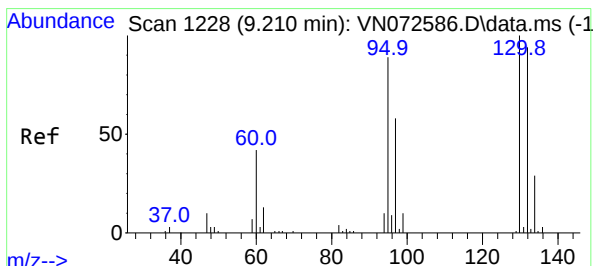
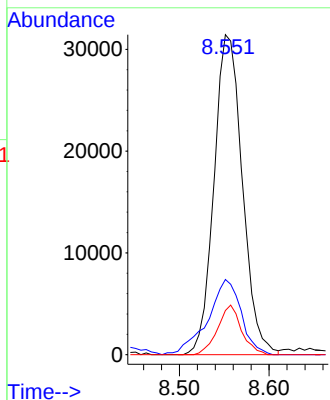
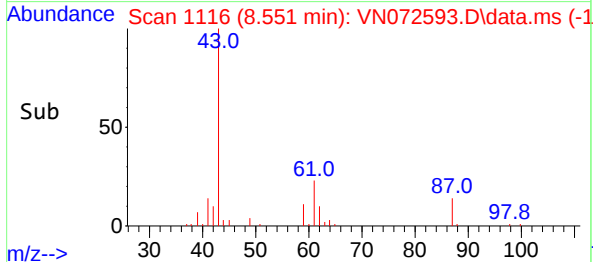
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



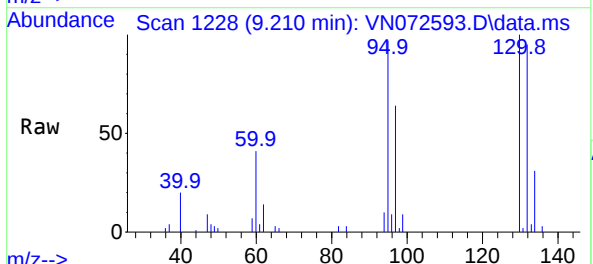
Tgt Ion: 43 Resp: 6894
Ion Ratio Lower Upper
43 100
61 27.7 21.9 32.9
87 13.1 12.0 18.0

Manual Integrations
APPROVED

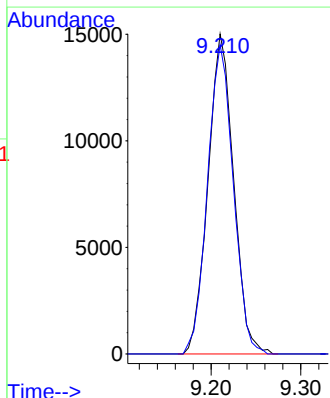
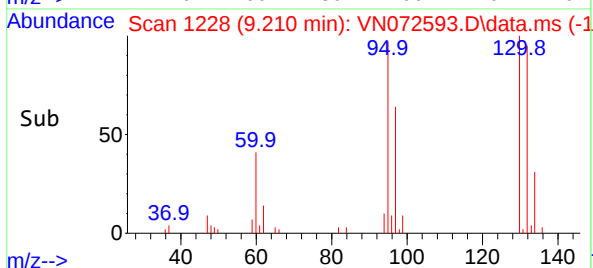
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

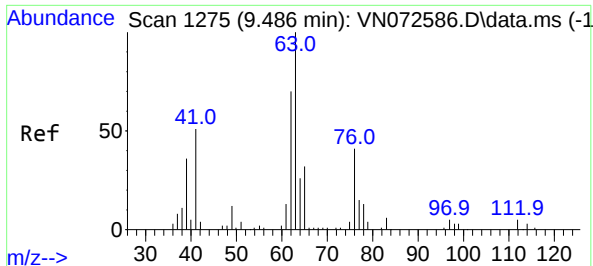


#44
Trichloroethene
Concen: 16.289 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51



Tgt Ion:130 Resp: 29727
Ion Ratio Lower Upper
130 100
95 96.7 0.0 186.8





#45

1,2-Dichloropropane

Concen: 17.033 ug/l

RT: 9.481 min Scan# 1275

Delta R.T. -0.005 min

Lab File: VN072593.D

Acq: 24 May 2022 17:51

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBS01

Tgt Ion: 63 Resp: 31372

Ion Ratio Lower Upper

63 100

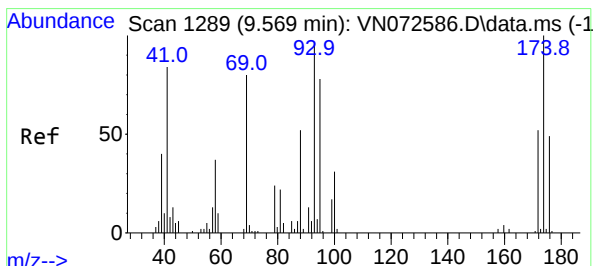
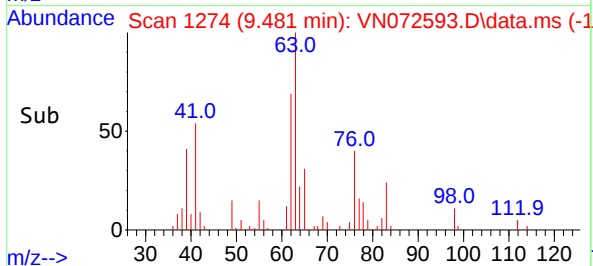
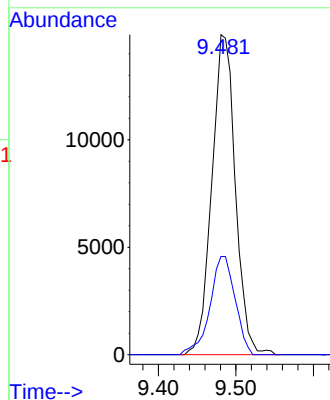
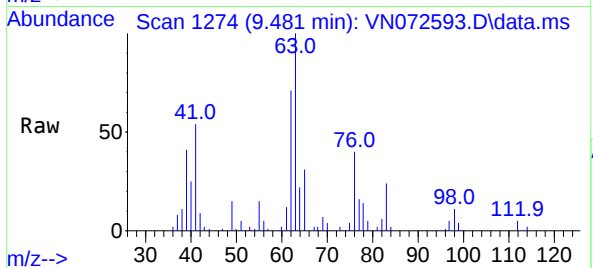
65 30.7 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#46

Dibromomethane

Concen: 16.788 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.006 min

Lab File: VN072593.D

Acq: 24 May 2022 17:51

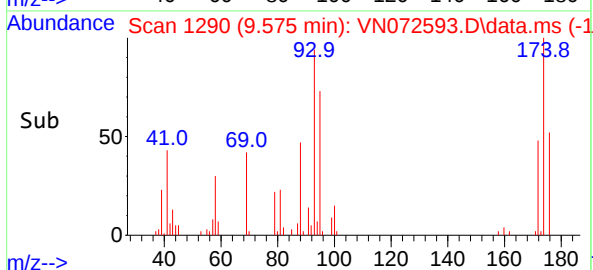
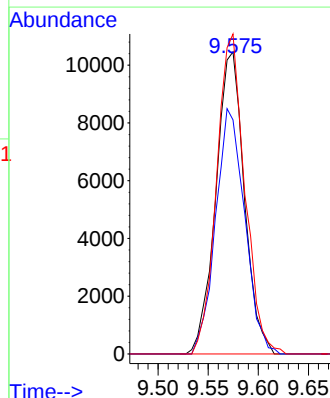
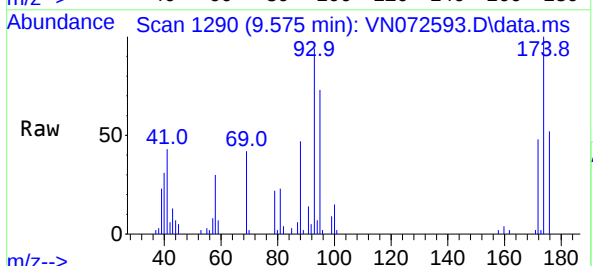
Tgt Ion: 93 Resp: 20638

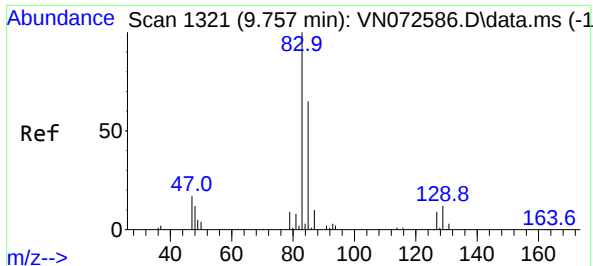
Ion Ratio Lower Upper

93 100

95 83.0 66.9 100.3

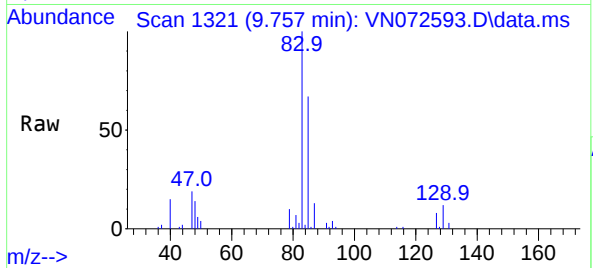
174 104.9 86.6 130.0





#47
Bromodichloromethane
Concen: 16.418 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

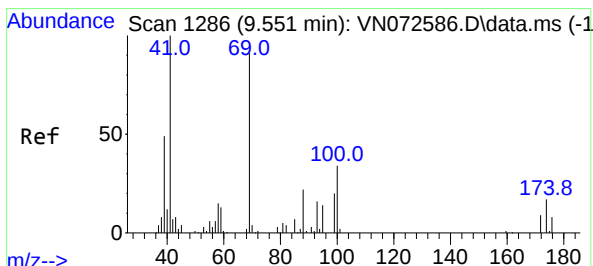
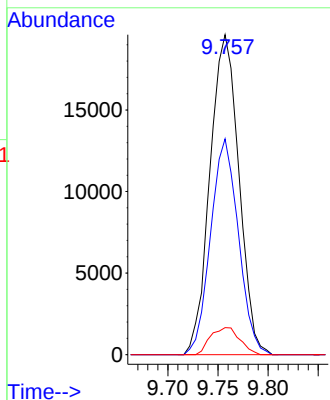
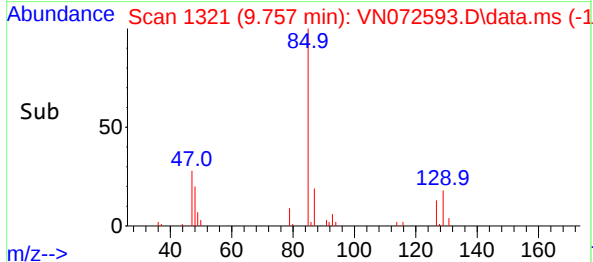
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



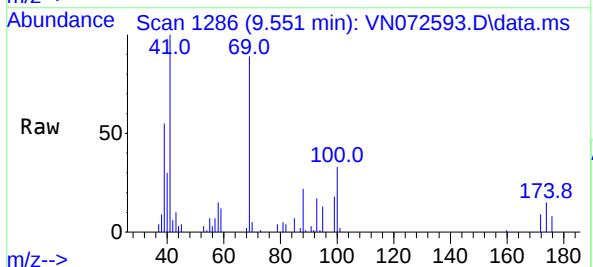
Tgt Ion: 83 Resp: 3933
Ion Ratio Lower Upper
83 100
85 67.5 50.5 75.7
127 8.4 6.8 10.2

Manual Integrations
APPROVED

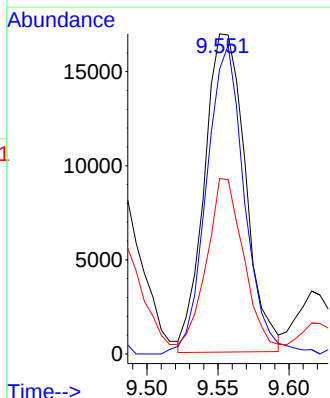
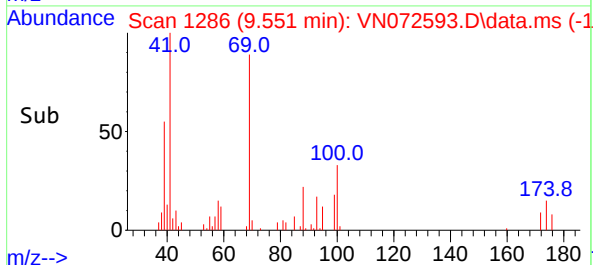
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

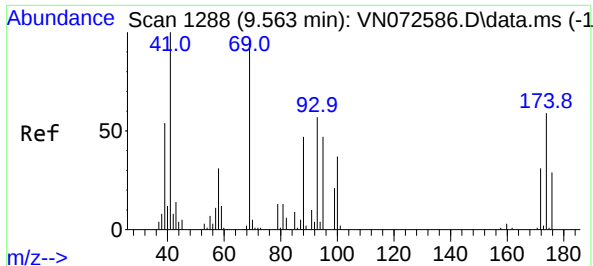


#48
Methyl methacrylate
Concen: 17.110 ug/l
RT: 9.551 min Scan# 1286
Delta R.T. 0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51



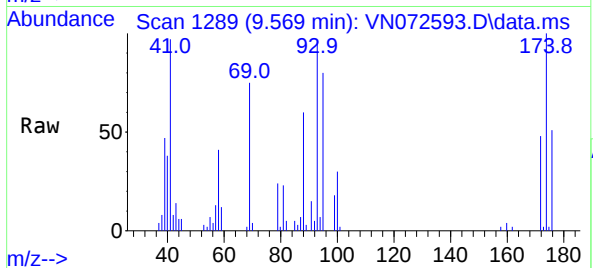
Tgt Ion: 41 Resp: 33933
Ion Ratio Lower Upper
41 100
69 90.1 74.7 112.1
39 52.3 45.6 68.4





#49
1,4-Dioxane
Concen: 356.992 ug/l
RT: 9.569 min Scan# 1288
Delta R.T. 0.006 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

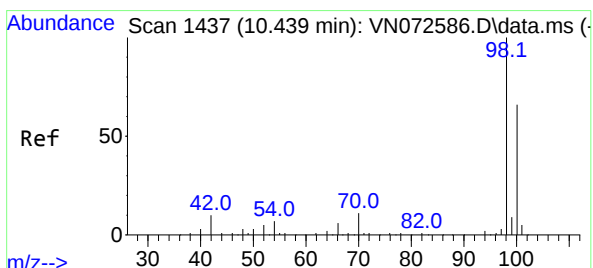
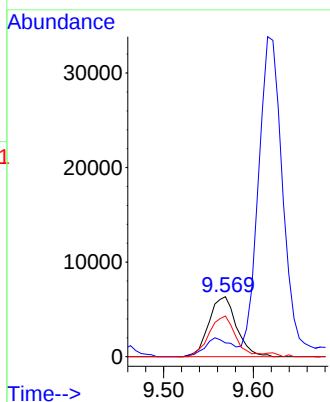
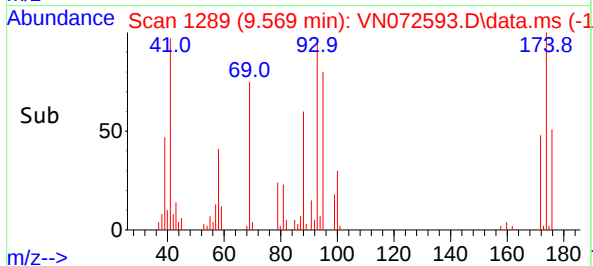
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



Tgt Ion: 88 Resp: 1351
Ion Ratio Lower Upper
88 100
43 29.2 20.2 30.4
58 65.5 54.2 81.4

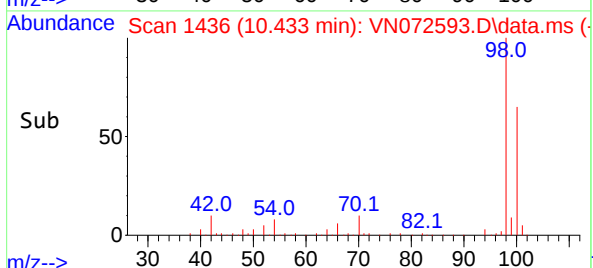
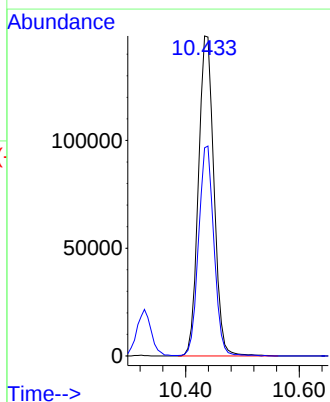
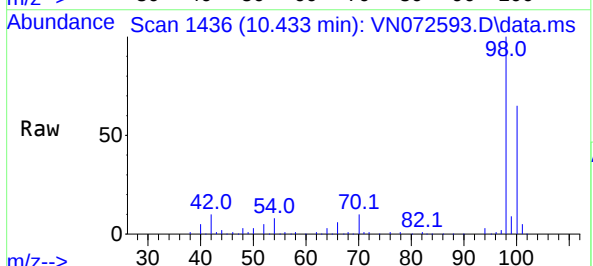
Manual Integrations
APPROVED

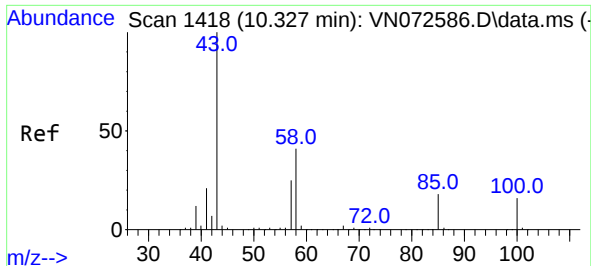
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#50
Toluene-d8
Concen: 47.425 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

Tgt Ion: 98 Resp: 281521
Ion Ratio Lower Upper
98 100
100 65.1 52.6 78.8





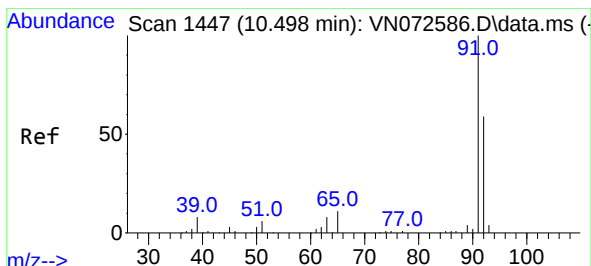
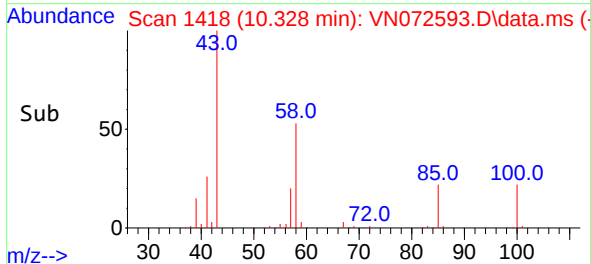
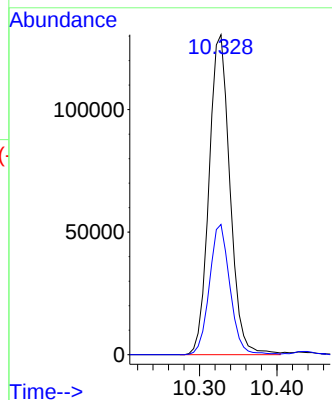
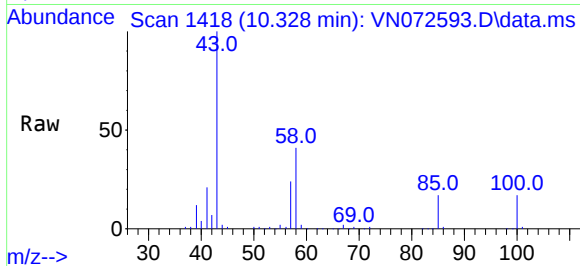
#51
4-Methyl-2-Pentanone
Concen: 87.786 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.001 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01

Tgt Ion: 43 Resp: 245017
Ion Ratio Lower Upper
43 100
58 39.9 34.1 51.1

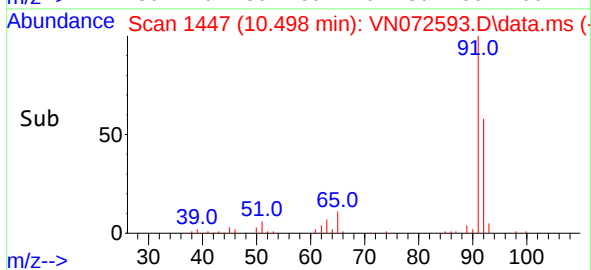
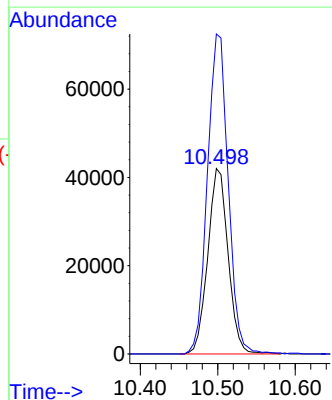
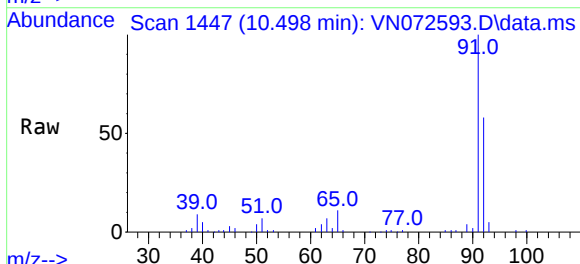
Manual Integrations
APPROVED

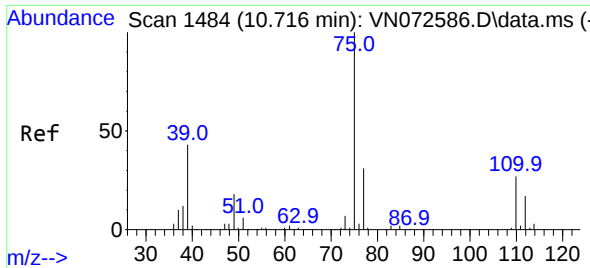
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#52
Toluene
Concen: 17.070 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

Tgt Ion: 92 Resp: 76719
Ion Ratio Lower Upper
92 100
91 175.7 138.6 207.8





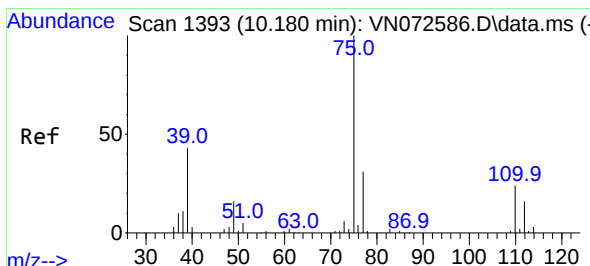
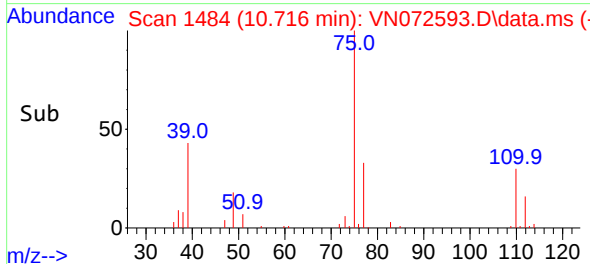
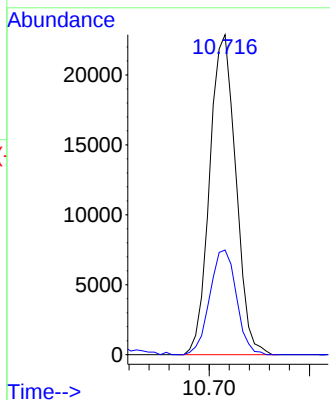
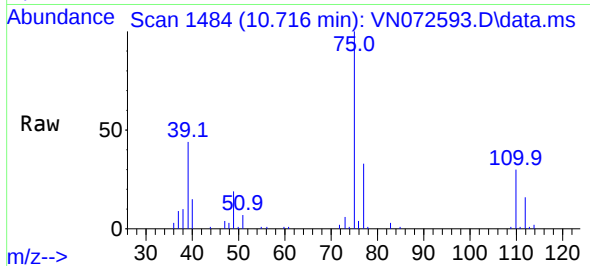
#53
t-1,3-Dichloropropene
Concen: 16.942 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01

Tgt Ion: 75 Resp: 4148
Ion Ratio Lower Upper
75 100
77 32.7 25.6 38.4

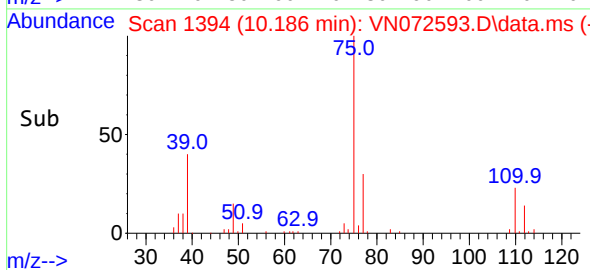
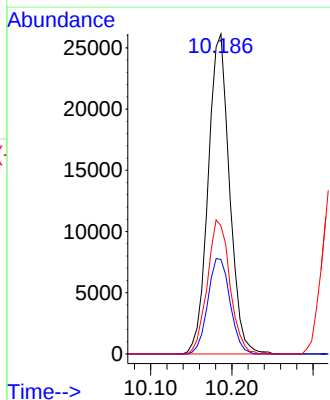
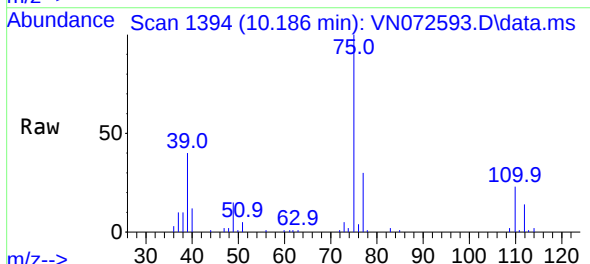
Manual Integrations
APPROVED

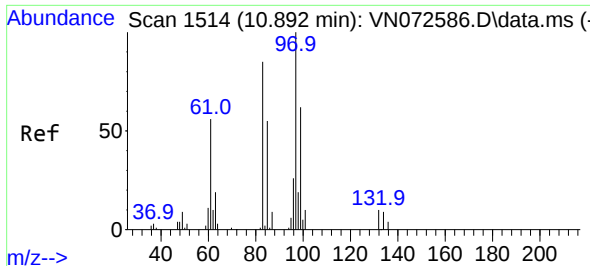
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#54
cis-1,3-Dichloropropene
Concen: 17.319 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

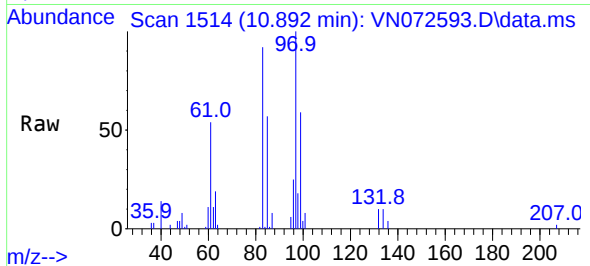
Tgt Ion: 75 Resp: 47758
Ion Ratio Lower Upper
75 100
77 29.5 25.2 37.8
39 40.1 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 17.343 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01

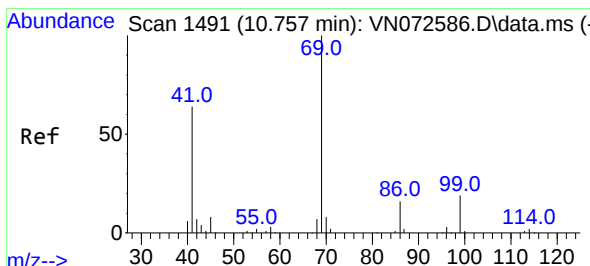
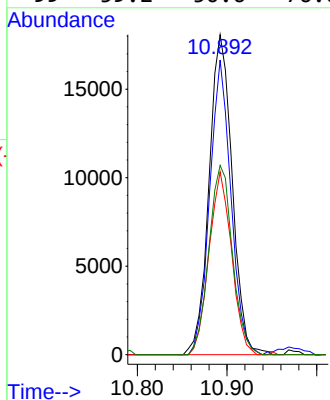
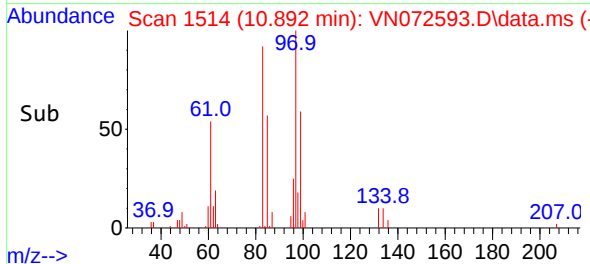


Tgt Ion: 97 Resp: 32339

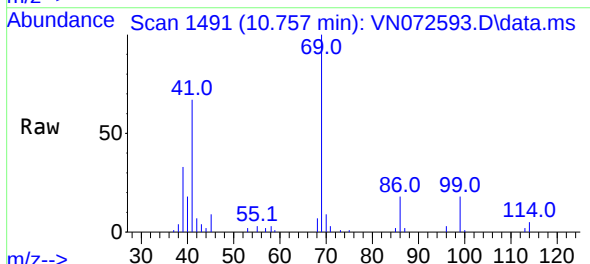
Ion	Ratio	Lower	Upper
97	100		
83	92.1	66.2	99.4
85	57.1	43.9	65.9
99	59.2	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

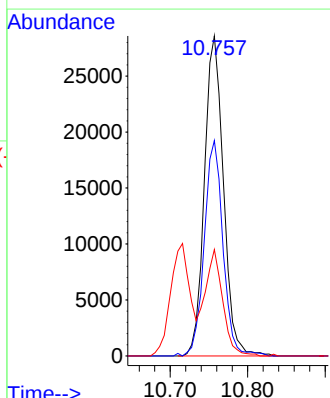
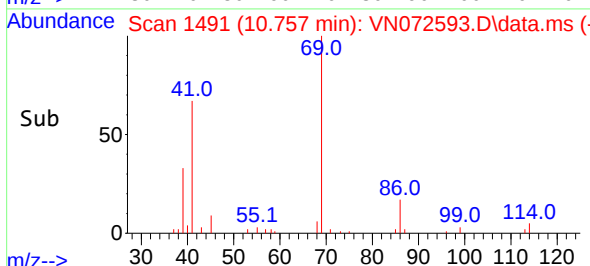


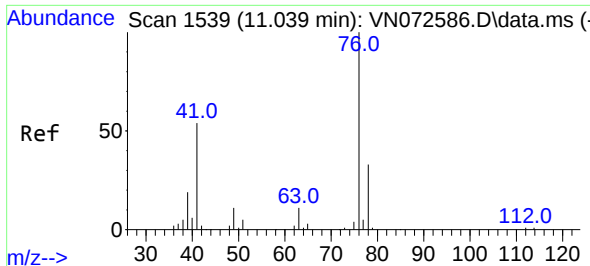
#56
Ethyl methacrylate
Concen: 16.971 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51



Tgt Ion: 69 Resp: 48745

Ion	Ratio	Lower	Upper
69	100		
41	66.4	47.8	71.6
39	31.4	27.3	40.9





#57

1,3-Dichloropropane

Concen: 17.011 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072593.D

Acq: 24 May 2022 17:51

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBS01

Tgt Ion: 76 Resp: 5346

Ion Ratio Lower Upper

76 100

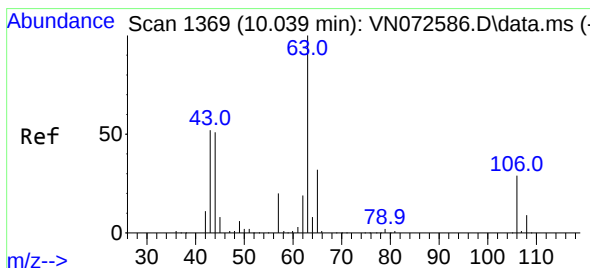
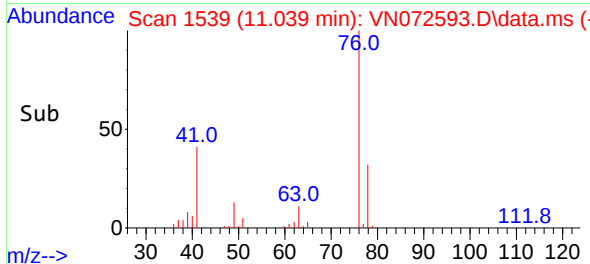
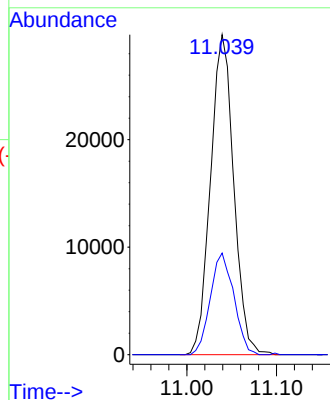
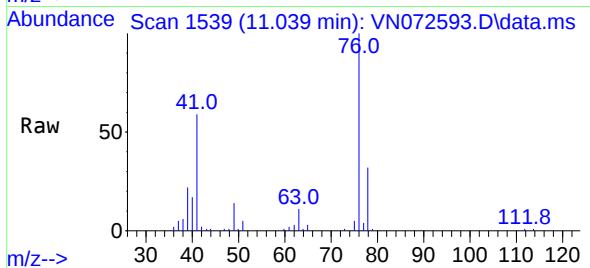
78 32.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#58

2-Chloroethyl Vinyl ether

Concen: 96.241 ug/l

RT: 10.034 min Scan# 1368

Delta R.T. -0.005 min

Lab File: VN072593.D

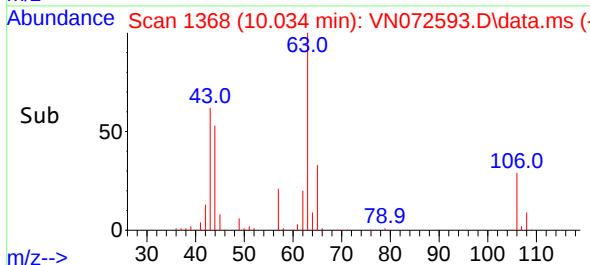
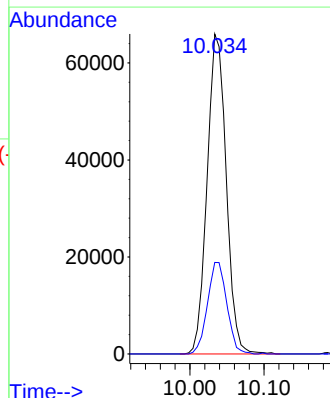
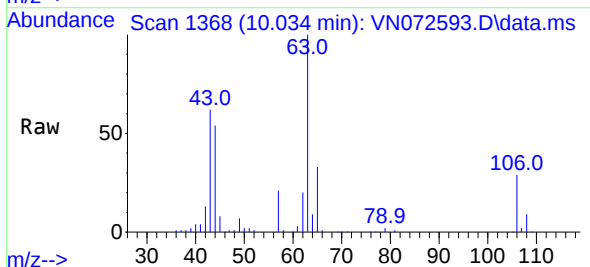
Acq: 24 May 2022 17:51

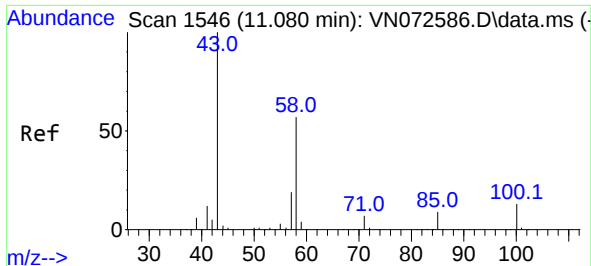
Tgt Ion: 63 Resp: 118278

Ion Ratio Lower Upper

63 100

106 29.0 24.6 36.8





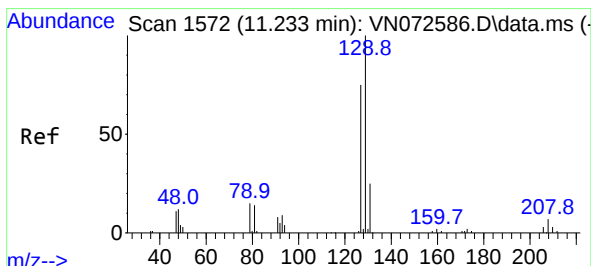
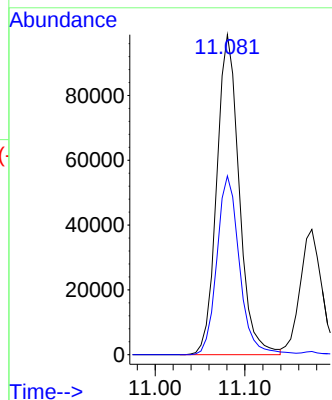
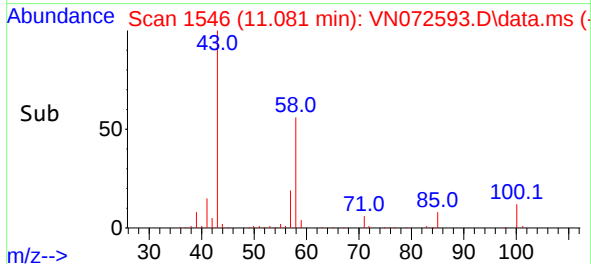
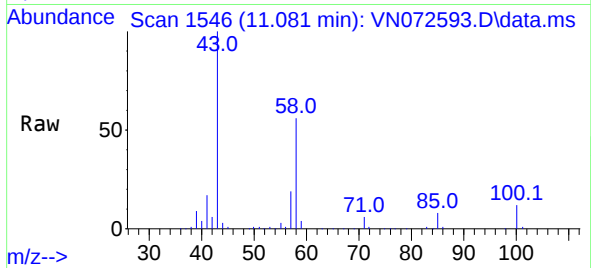
#59
2-Hexanone
Concen: 86.720 ug/l
RT: 11.081 min Scan# 1546
Delta R.T. 0.001 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01

Tgt Ion: 43 Resp: 171588
Ion Ratio Lower Upper
43 100
58 56.2 29.7 89.1

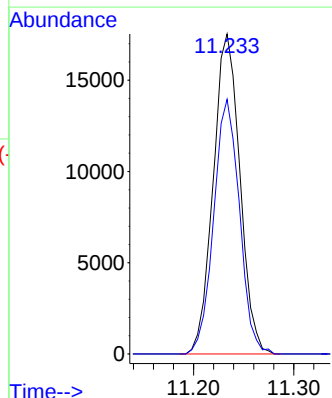
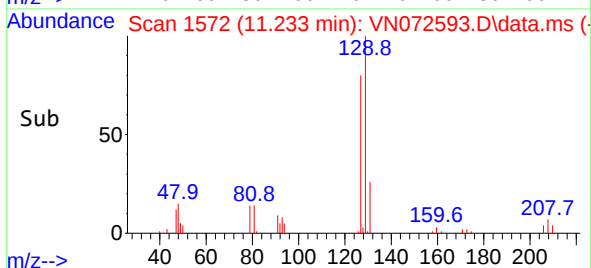
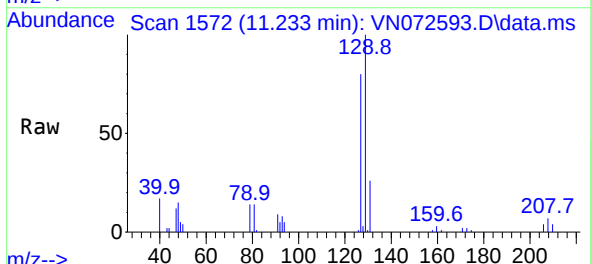
Manual Integrations
APPROVED

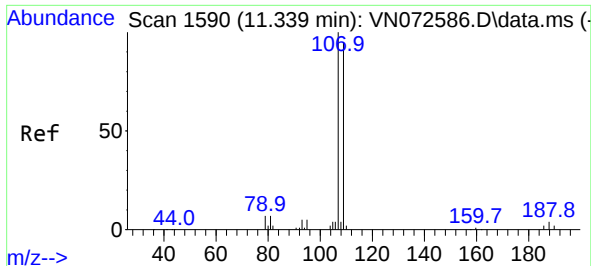
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#60
Dibromochloromethane
Concen: 16.230 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

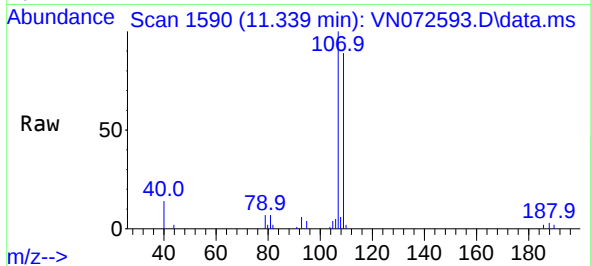
Tgt Ion:129 Resp: 32393
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 16.525 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

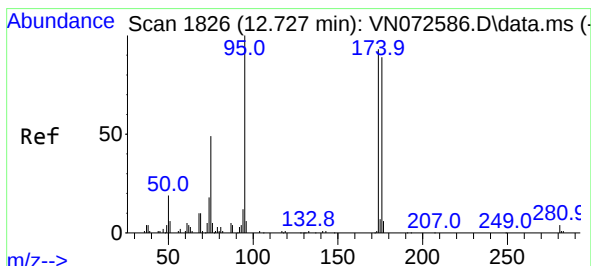
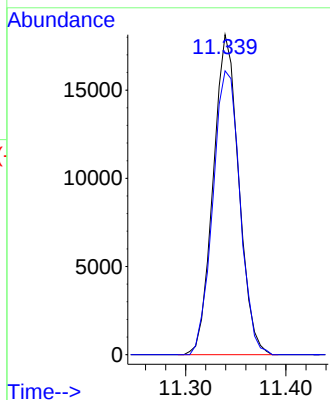
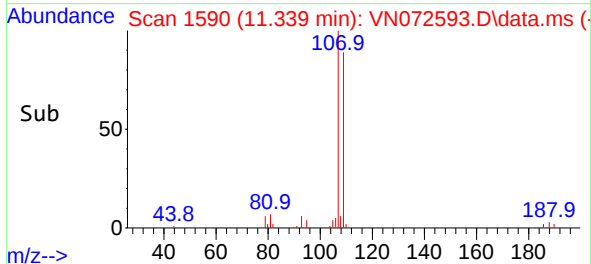
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



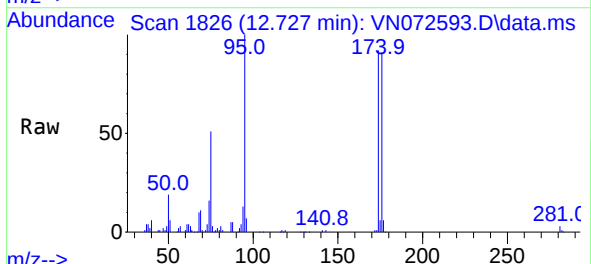
Tgt Ion:107 Resp: 32125
Ion Ratio Lower Upper
107 100
109 93.8 75.0 112.6

Manual Integrations
APPROVED

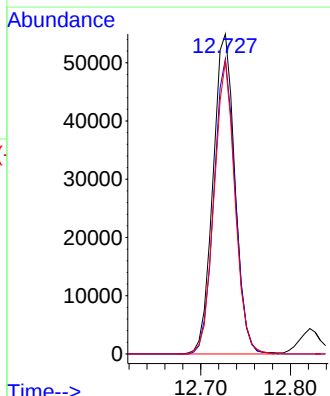
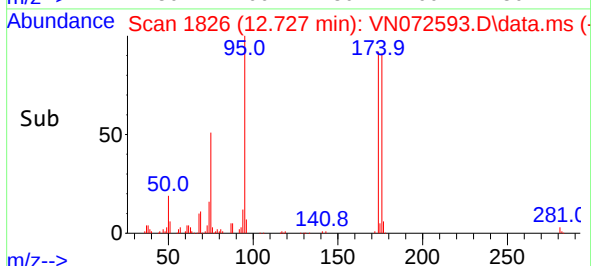
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

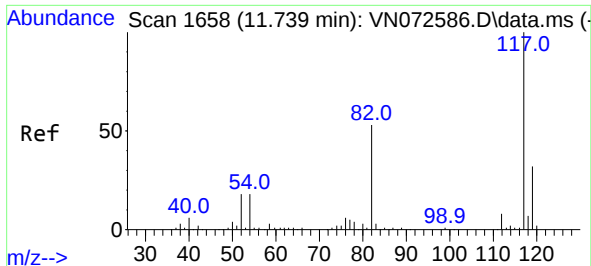


#62
4-Bromofluorobenzene
Concen: 48.151 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51



Tgt Ion: 95 Resp: 92964
Ion Ratio Lower Upper
95 100
174 89.7 0.0 167.6
176 86.9 0.0 163.4





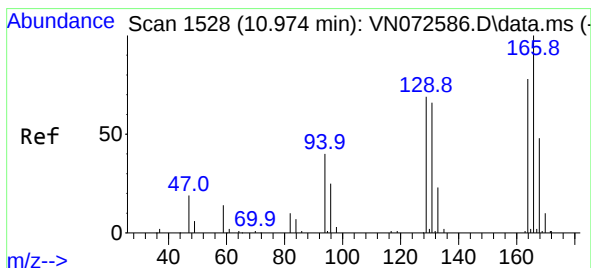
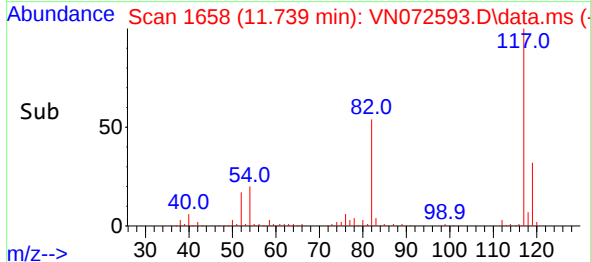
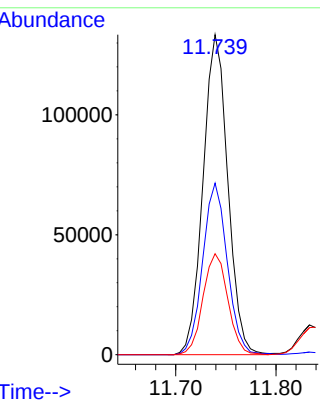
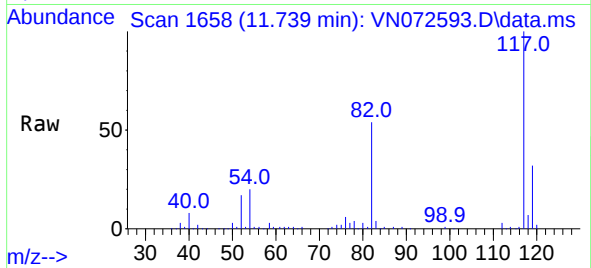
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01

Tgt Ion:117 Resp: 22883
Ion Ratio Lower Upper
117 100
82 53.6 44.2 66.2
119 31.6 25.4 38.0

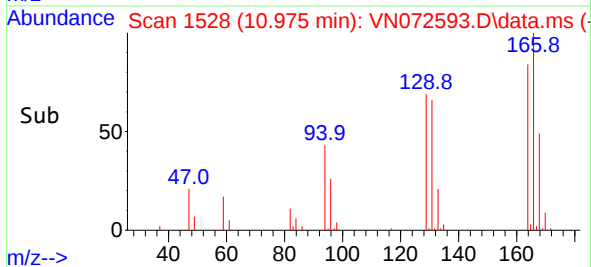
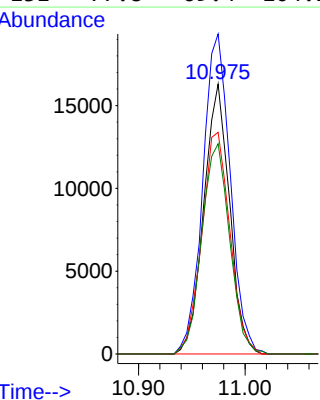
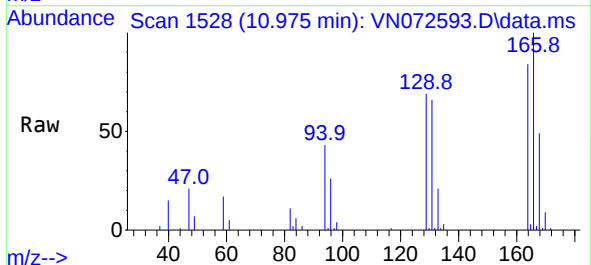
Manual Integrations
APPROVED

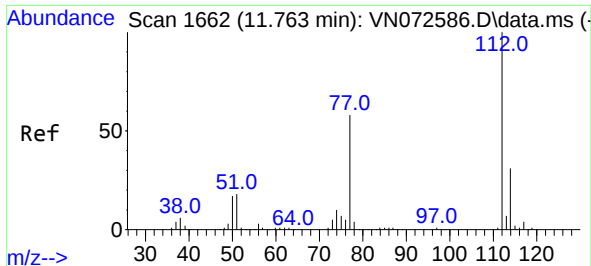
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#64
Tetrachloroethene
Concen: 16.184 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.001 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

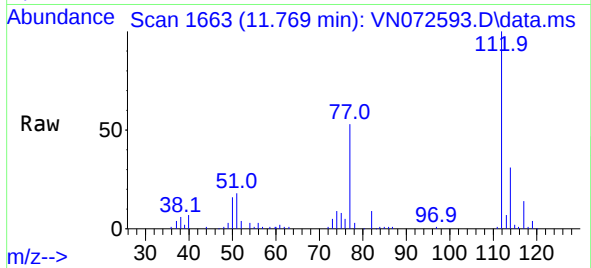
Tgt Ion:164 Resp: 27361
Ion Ratio Lower Upper
164 100
166 118.5 104.2 156.2
129 82.1 73.9 110.9
131 77.8 69.4 104.2





#65
Chlorobenzene
Concen: 16.115 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

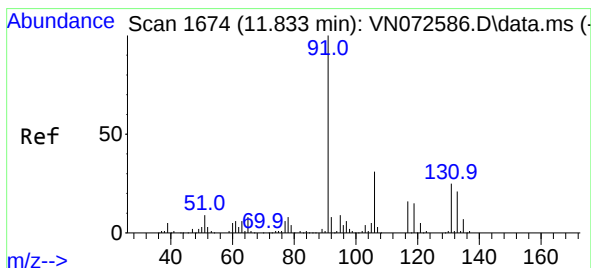
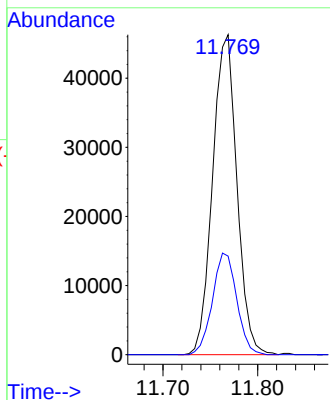
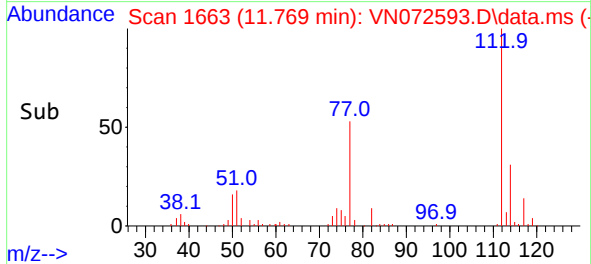
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



Tgt Ion:112 Resp: 8251
Ion Ratio Lower Upper
112 100
114 30.8 25.4 38.2

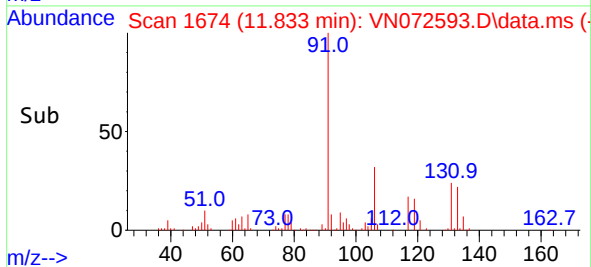
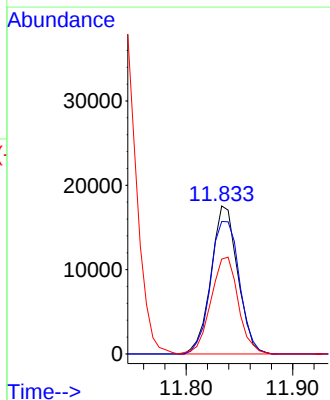
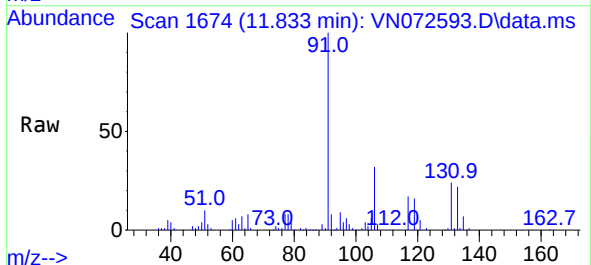
Manual Integrations
APPROVED

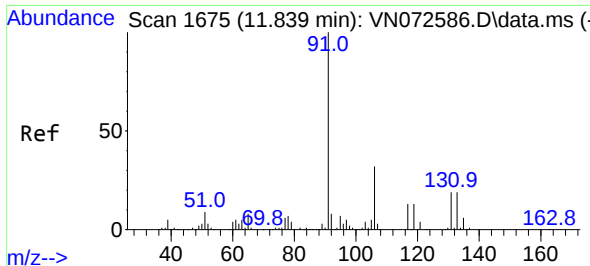
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 15.835 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

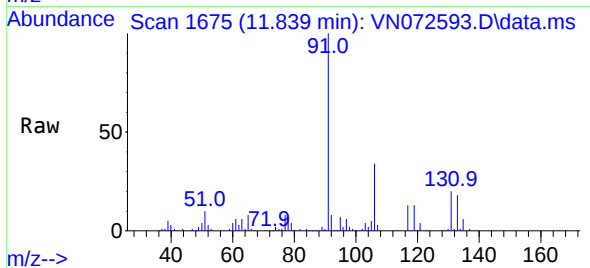
Tgt Ion:131 Resp: 30654
Ion Ratio Lower Upper
131 100
133 96.5 47.8 143.4
119 66.6 33.4 100.2





#67
Ethyl Benzene
Concen: 16.388 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

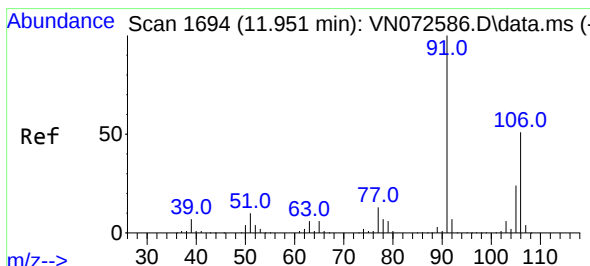
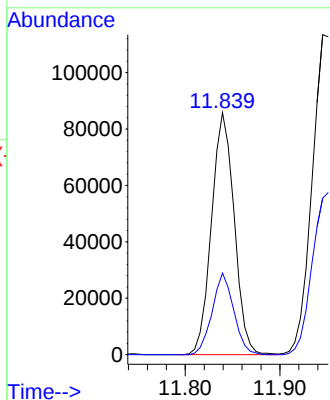
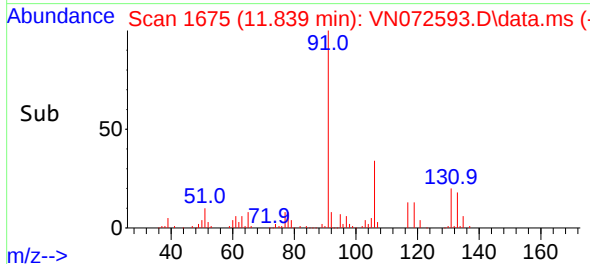
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



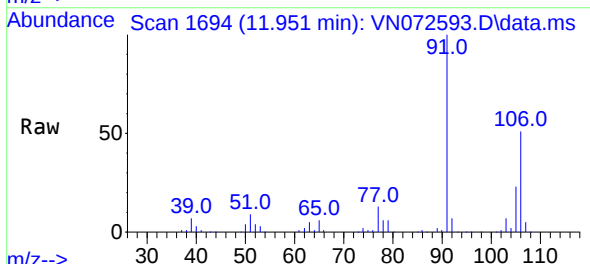
Tgt Ion: 91 Resp: 142828
Ion Ratio Lower Upper
91 100
106 33.7 24.9 37.3

Manual Integrations
APPROVED

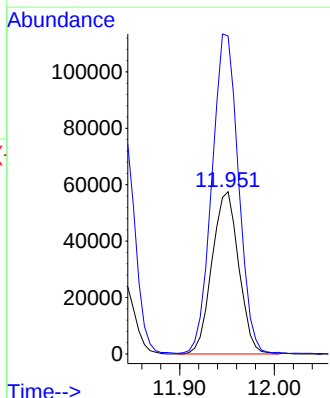
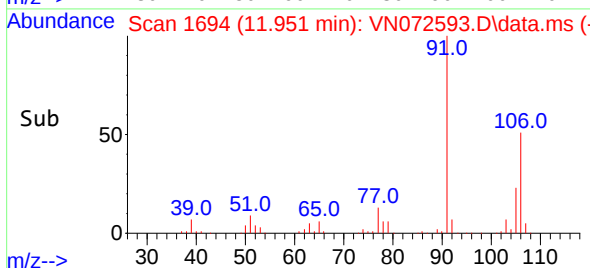
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

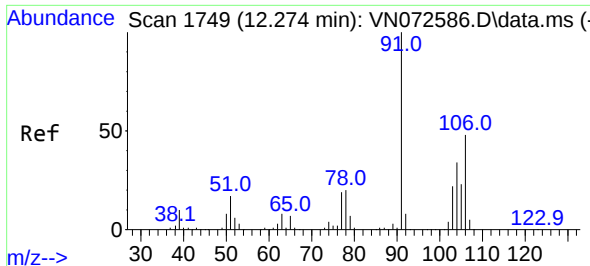


#68
m/p-Xylenes
Concen: 33.898 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51



Tgt Ion:106 Resp: 112609
Ion Ratio Lower Upper
106 100
91 195.9 158.9 238.3





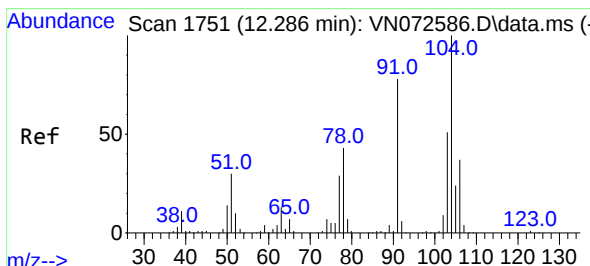
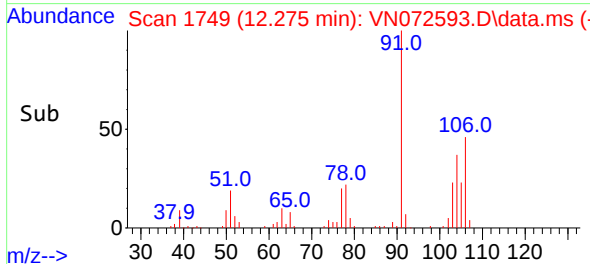
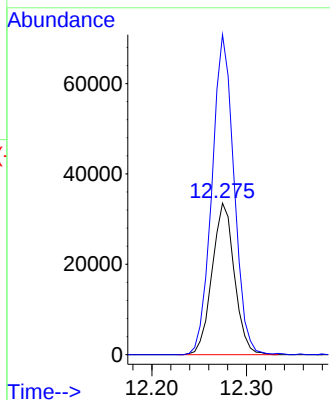
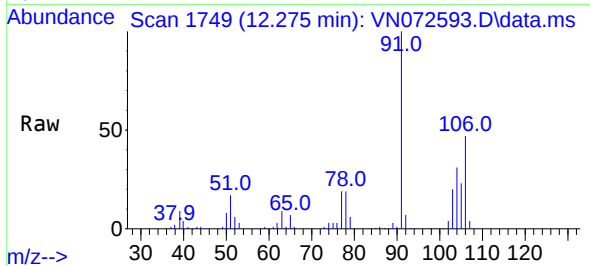
#69
o-Xylene
Concen: 17.084 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. 0.001 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01

Tgt Ion:106 Resp: 54862
Ion Ratio Lower Upper
106 100
91 209.3 106.0 318.0

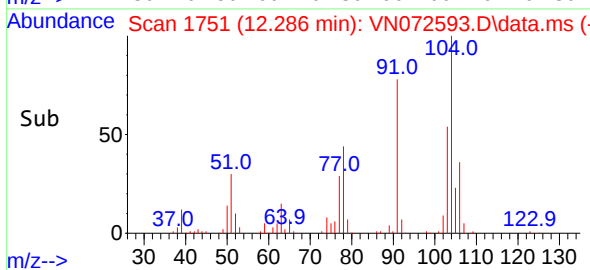
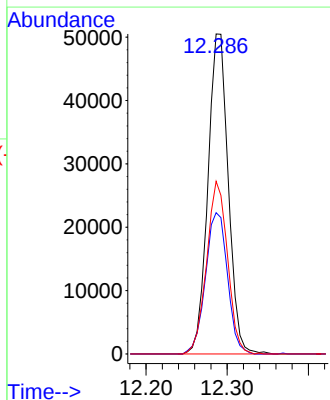
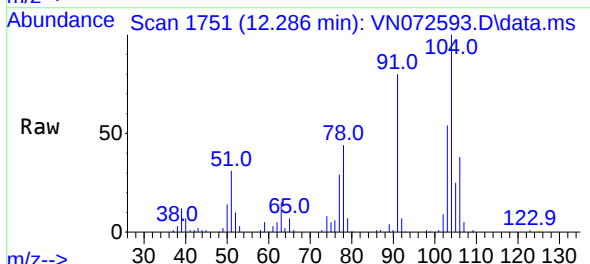
Manual Integrations
APPROVED

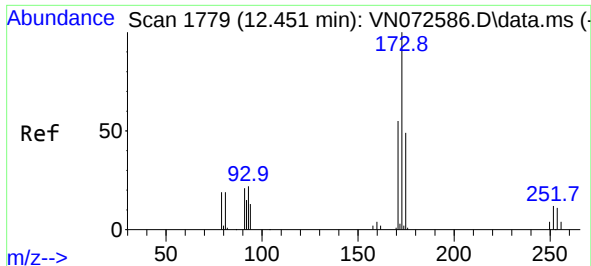
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#70
Styrene
Concen: 16.910 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

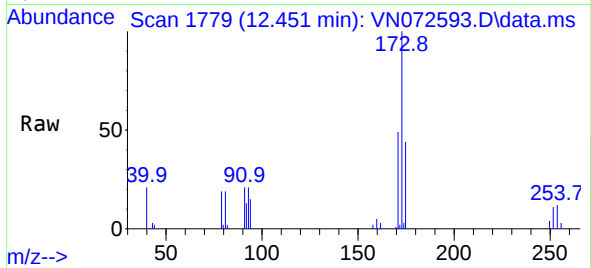
Tgt Ion:104 Resp: 87881
Ion Ratio Lower Upper
104 100
78 47.8 39.5 59.3
103 55.5 44.0 66.0





#71
Bromoform
Concen: 15.856 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

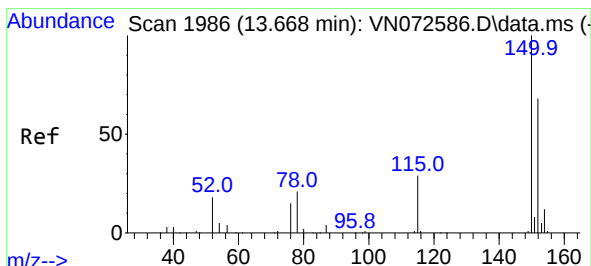
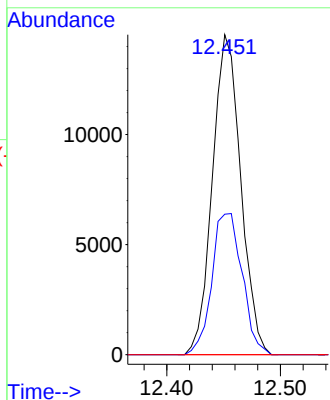
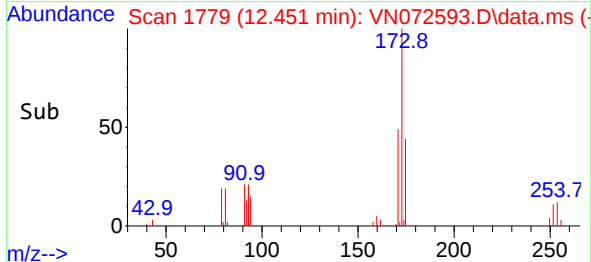
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



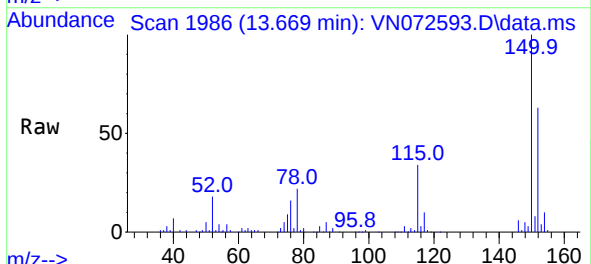
Tgt Ion:173 Resp: 25229
Ion Ratio Lower Upper
173 100
175 47.0 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

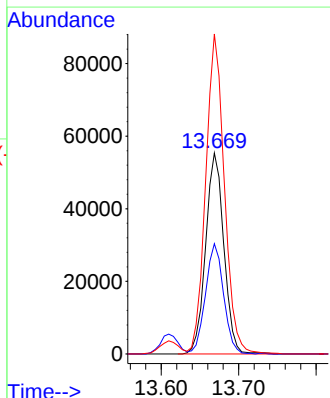
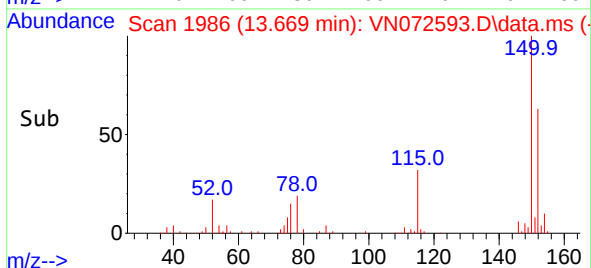
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

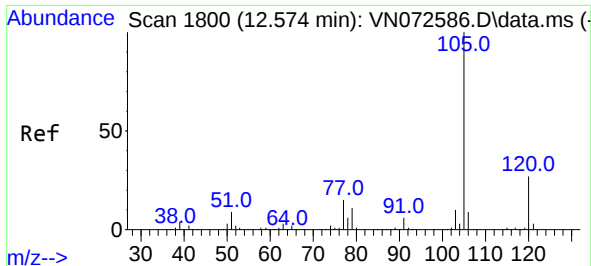


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.001 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51



Tgt Ion:152 Resp: 90575
Ion Ratio Lower Upper
152 100
115 54.5 28.9 86.7
150 163.3 0.0 356.2





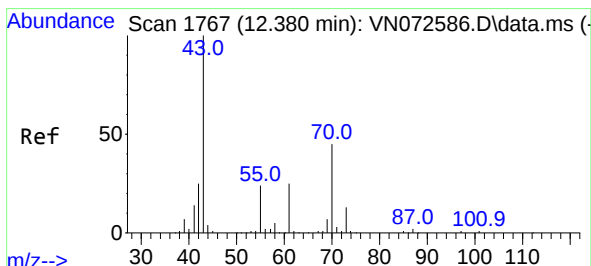
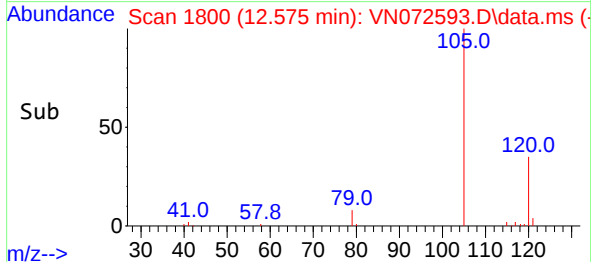
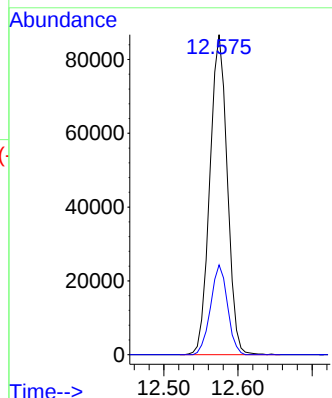
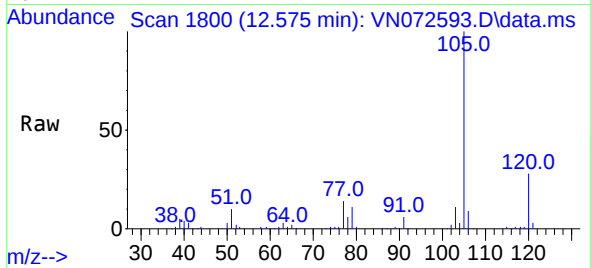
#73
Isopropylbenzene
Concen: 17.553 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01

Tgt Ion:105 Resp: 141624
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4

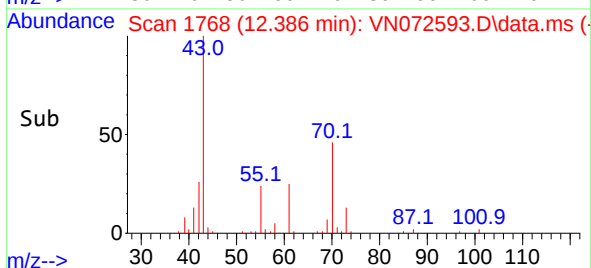
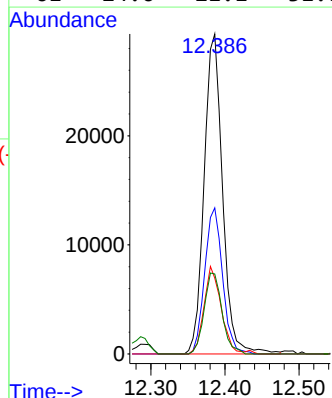
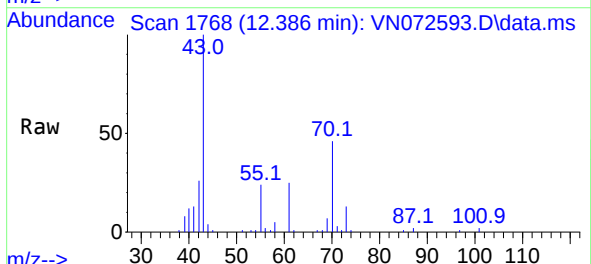
Manual Integrations
APPROVED

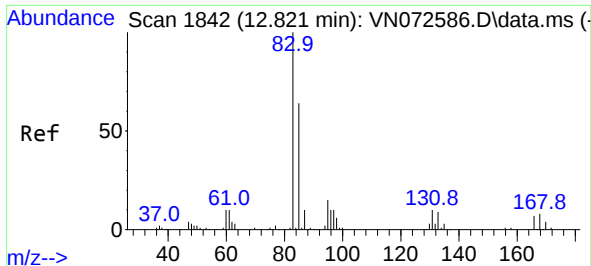
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#74
N-ethyl acetate
Concen: 17.553 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

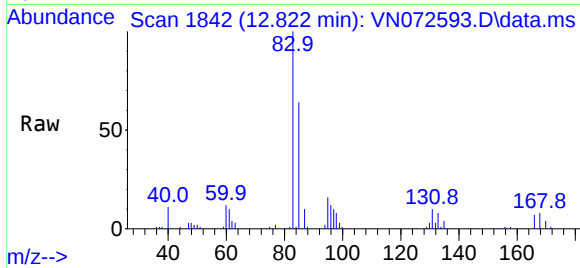
Tgt Ion: 43 Resp: 50834
Ion Ratio Lower Upper
43 100
70 44.3 39.0 58.4
55 25.7 21.1 31.7
61 24.6 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 16.141 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.001 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

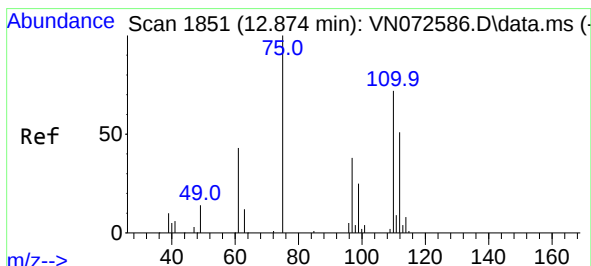
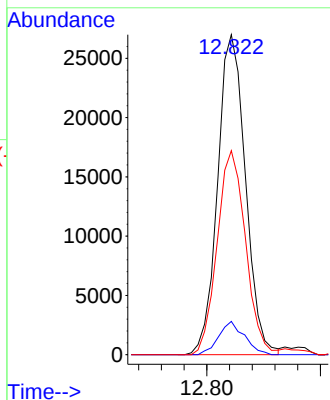
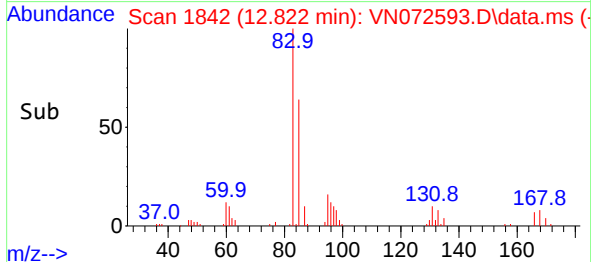
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



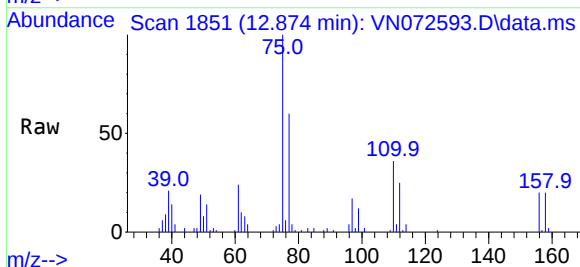
Tgt Ion: 83 Resp: 45989
Ion Ratio Lower Upper
83 100
131 9.6 5.3 15.9
85 65.0 32.3 96.9

Manual Integrations
APPROVED

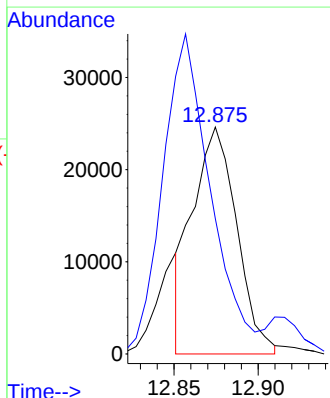
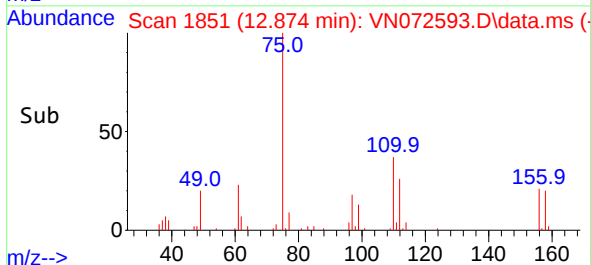
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

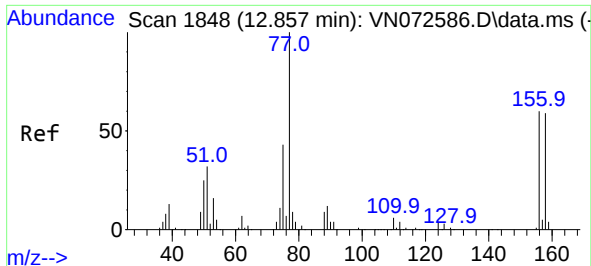


#76
1,2,3-Trichloropropane
Concen: 18.239 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51



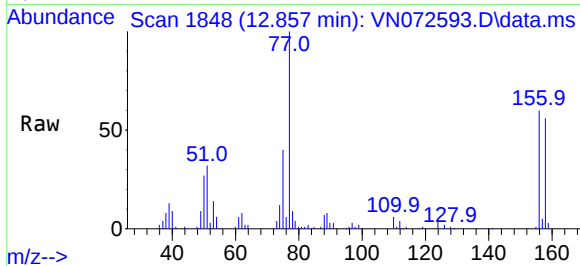
Tgt Ion: 75 Resp: 44850
Ion Ratio Lower Upper
75 100
77 151.9 98.5 295.5





#77
Bromobenzene
Concen: 17.593 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

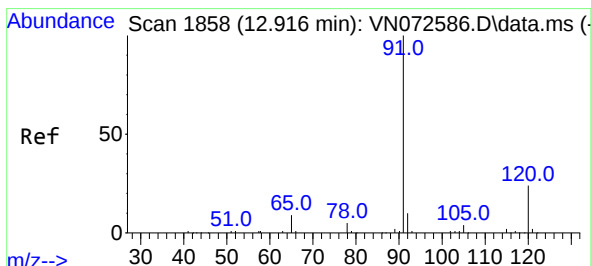
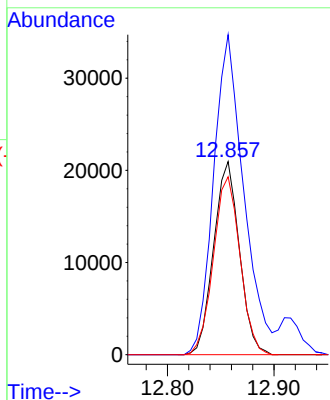
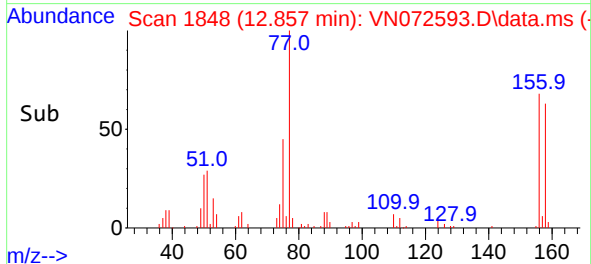
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



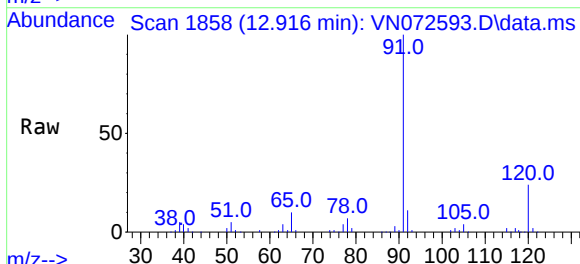
Tgt Ion:156 Resp: 35212
Ion Ratio Lower Upper
156 100
77 193.5 100.5 301.5
158 95.1 48.9 146.6

Manual Integrations
APPROVED

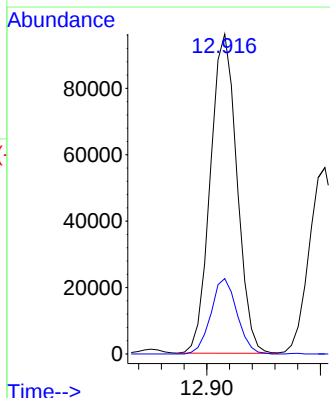
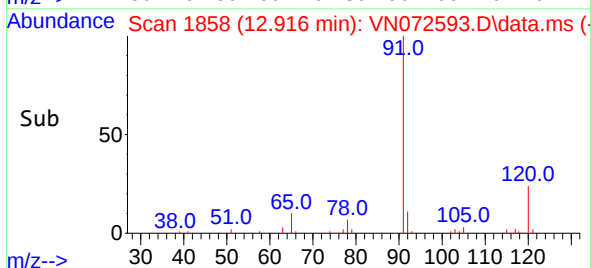
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

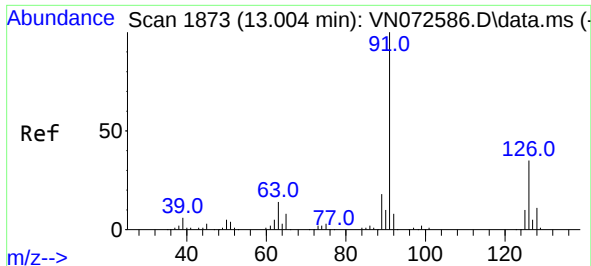


#78
n-propylbenzene
Concen: 17.466 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51



Tgt Ion: 91 Resp: 156250
Ion Ratio Lower Upper
91 100
120 23.1 11.9 35.5





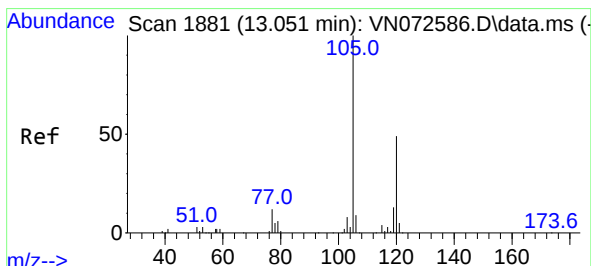
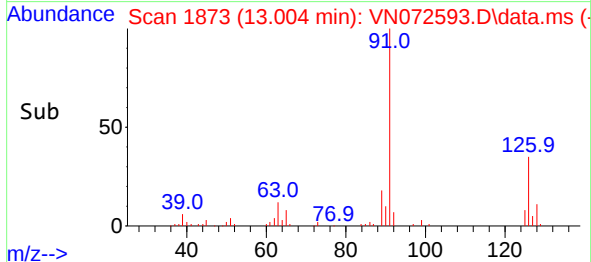
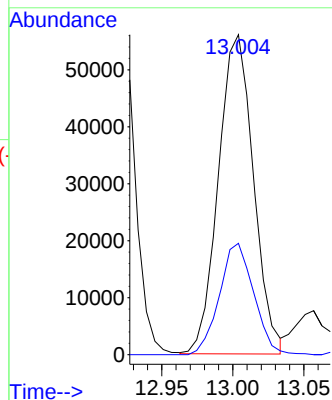
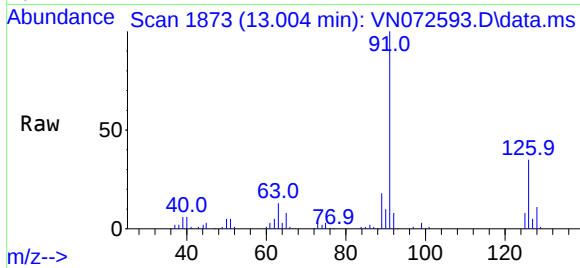
#79
2-Chlorotoluene
Concen: 17.419 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01

Tgt Ion: 91 Resp: 96272
Ion Ratio Lower Upper
91 100
126 34.1 17.3 51.9

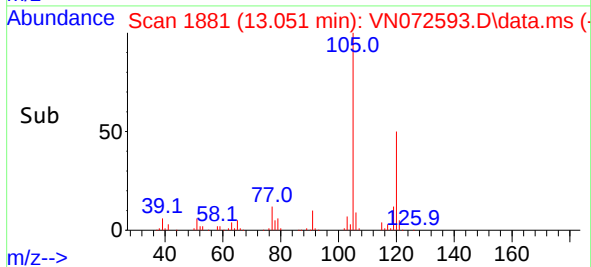
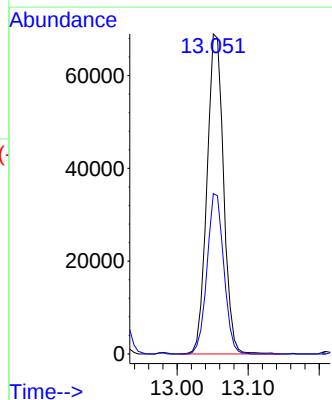
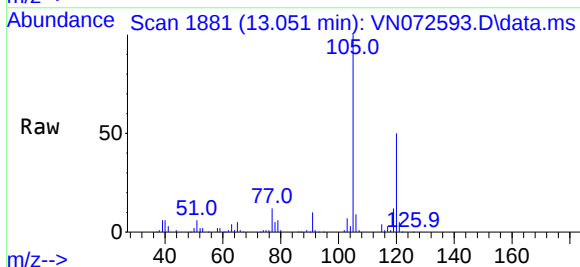
Manual Integrations
APPROVED

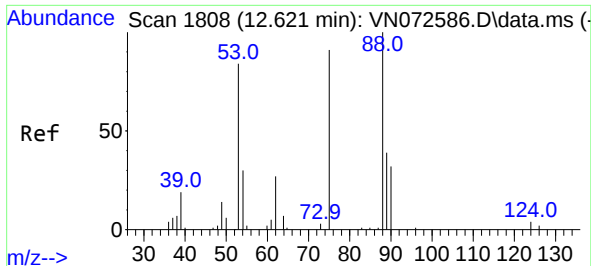
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#80
1,3,5-Trimethylbenzene
Concen: 17.868 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

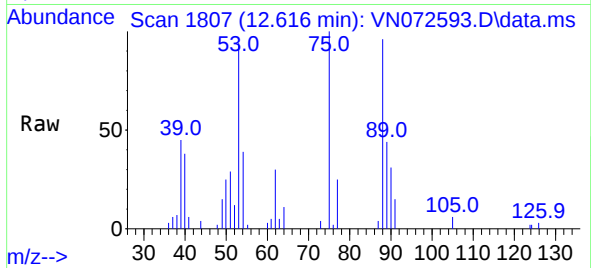
Tgt Ion:105 Resp: 112135
Ion Ratio Lower Upper
105 100
120 50.5 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 16.443 ug/l
RT: 12.616 min Scan# 1807
Delta R.T. -0.005 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

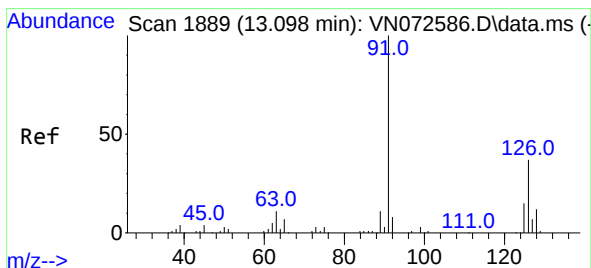
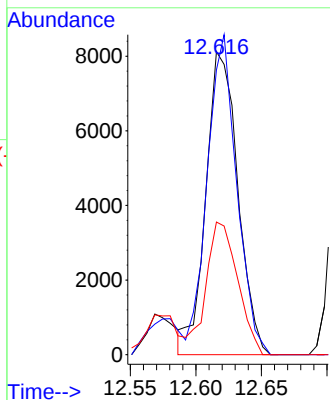
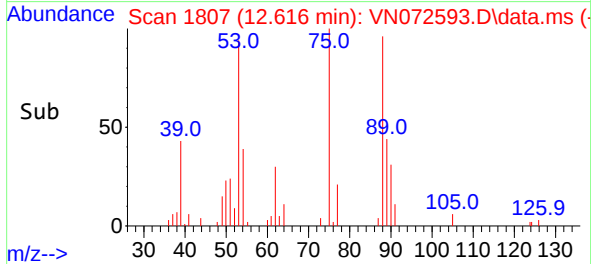
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



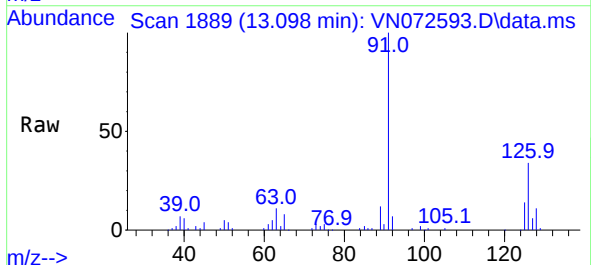
Tgt Ion: 75 Resp: 13778
Ion Ratio Lower Upper
75 100
53 97.3 78.0 117.0
89 43.1 37.2 55.8

Manual Integrations
APPROVED

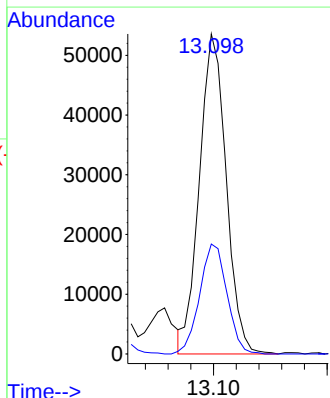
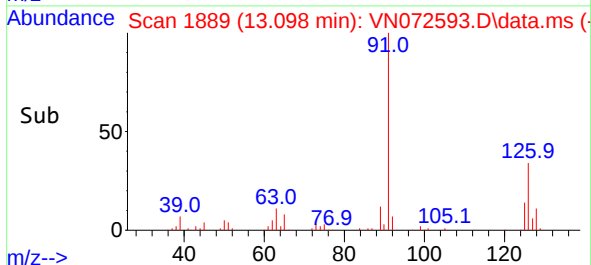
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

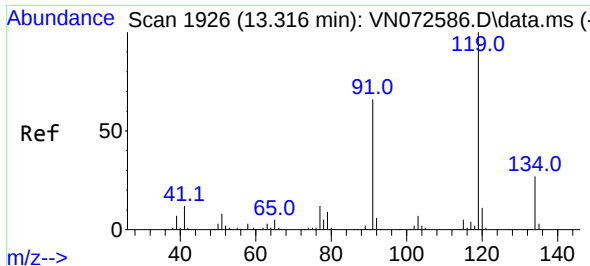


#82
4-Chlorotoluene
Concen: 17.365 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51



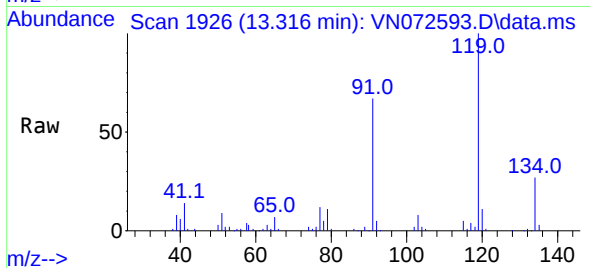
Tgt Ion: 91 Resp: 87763
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6





#83
tert-Butylbenzene
Concen: 17.520 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. -0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

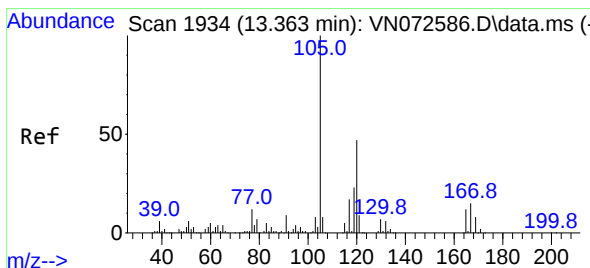
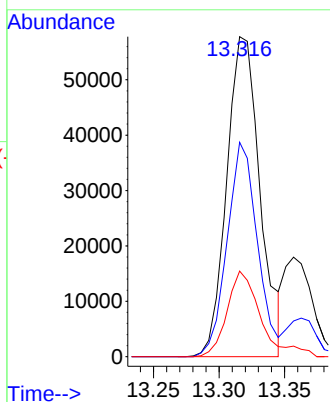
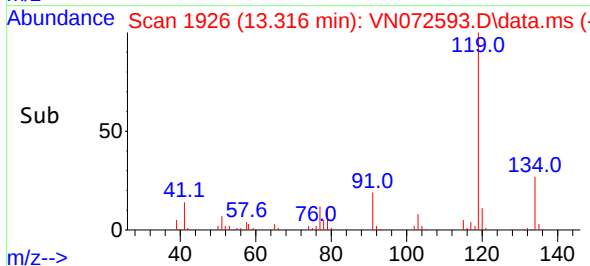
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



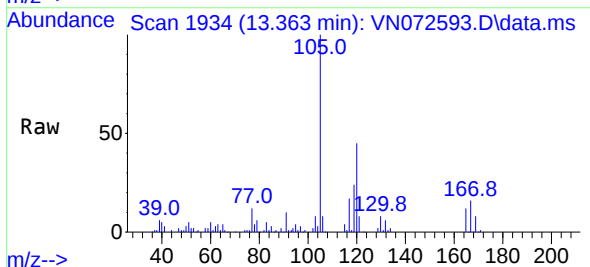
Tgt Ion:119 Resp: 102384
Ion Ratio Lower Upper
119 100
91 60.7 31.6 94.8
134 26.9 13.7 41.1

Manual Integrations
APPROVED

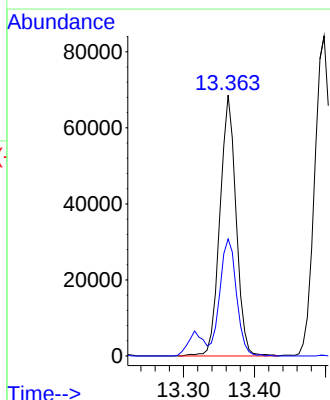
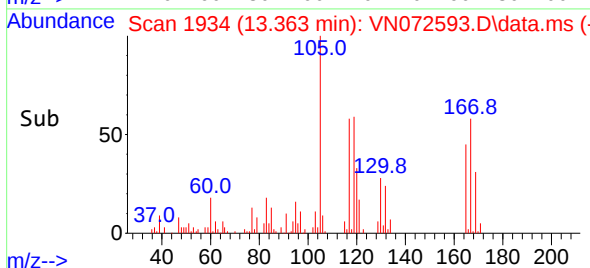
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

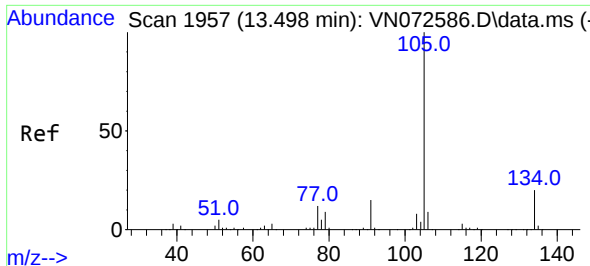


#84
1,2,4-Trimethylbenzene
Concen: 17.536 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51



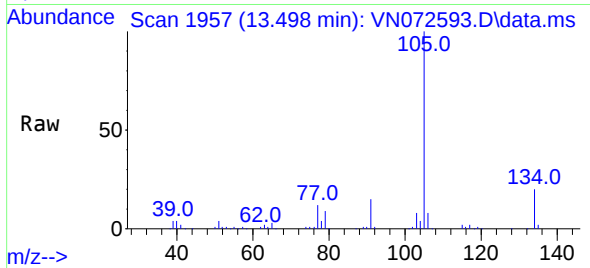
Tgt Ion:105 Resp: 107913
Ion Ratio Lower Upper
105 100
120 46.4 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 17.434 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072593.D
 Acq: 24 May 2022 17:51

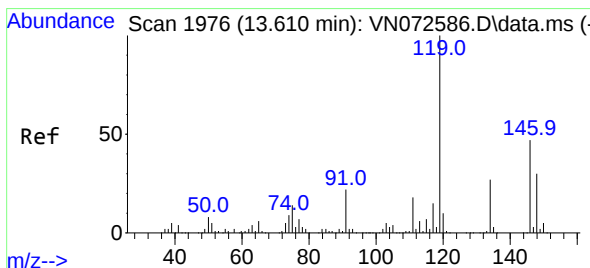
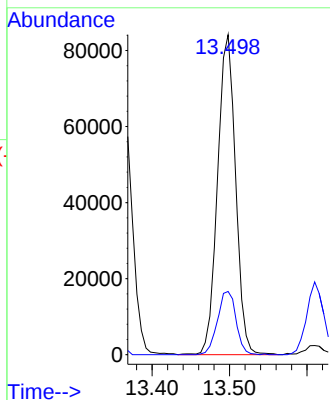
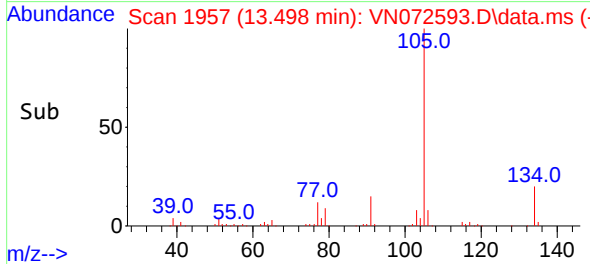
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0524WBS01



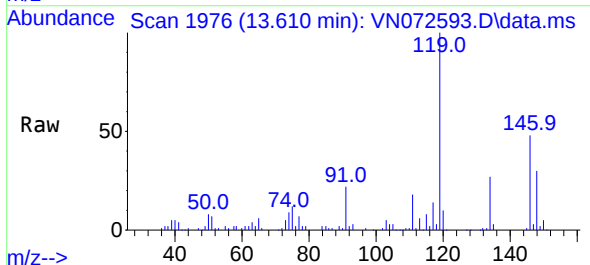
Tgt Ion:105 Resp: 13624
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1

Manual Integrations
 APPROVED

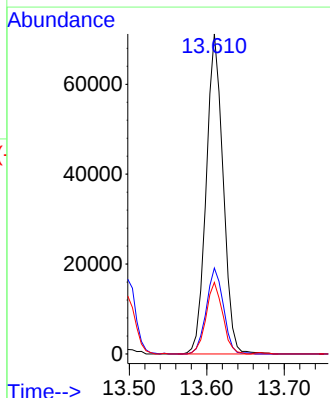
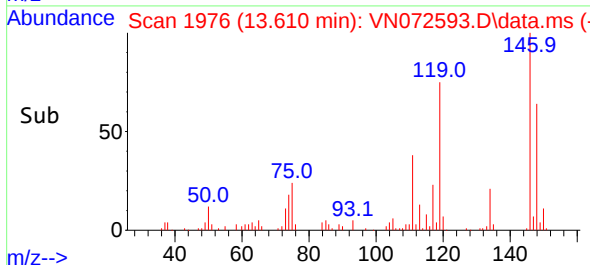
Reviewed By :John Carlone 05/25/2022
 Supervised By :Mahesh Dadoda 05/25/2022

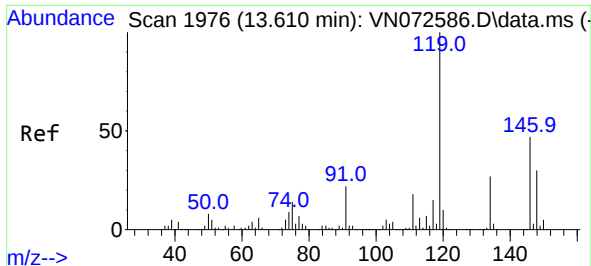


#86
 p-Isopropyltoluene
 Concen: 17.459 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072593.D
 Acq: 24 May 2022 17:51



Tgt Ion:119 Resp: 107578
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.3 39.8
 91 22.0 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 16.107 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN072593.D

Acq: 24 May 2022 17:51

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBS01

Tgt Ion:146 Resp: 54410

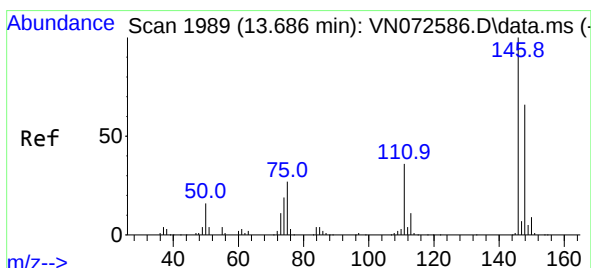
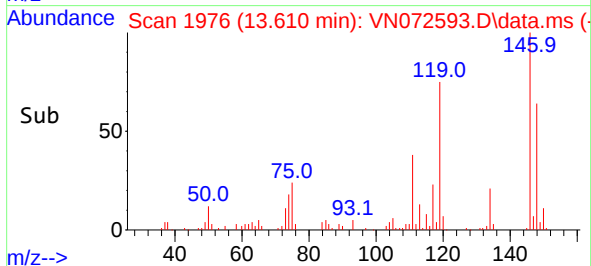
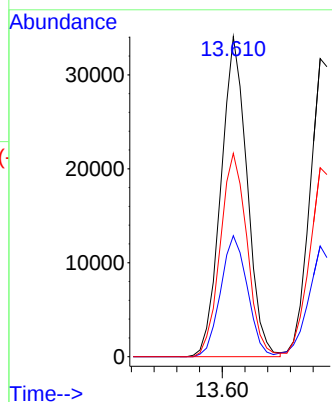
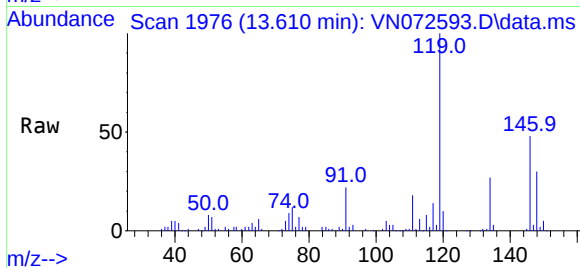
Ion	Ratio	Lower	Upper
146	100		
111	38.8	20.0	60.0
148	65.3	32.0	96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#88

1,4-Dichlorobenzene

Concen: 16.212 ug/l

RT: 13.686 min Scan# 1989

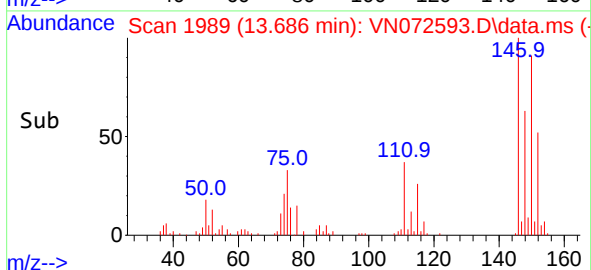
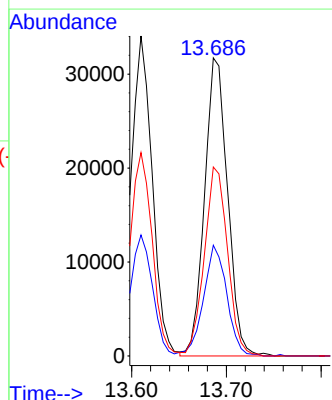
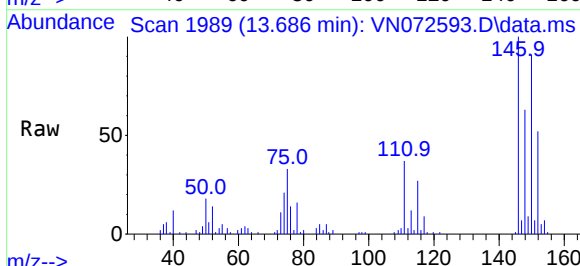
Delta R.T. 0.000 min

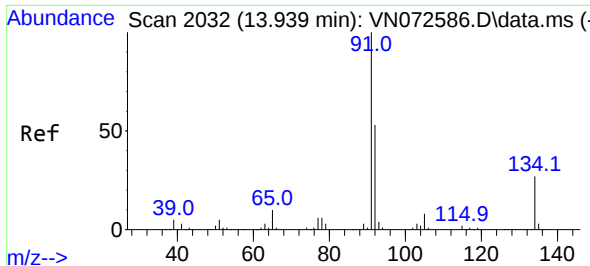
Lab File: VN072593.D

Acq: 24 May 2022 17:51

Tgt Ion:146 Resp: 53728

Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.1	57.1
148	63.9	31.4	94.3





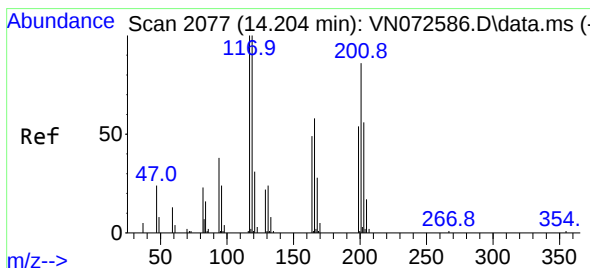
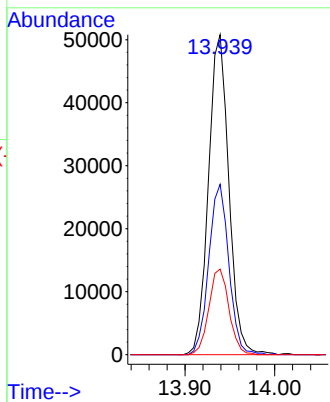
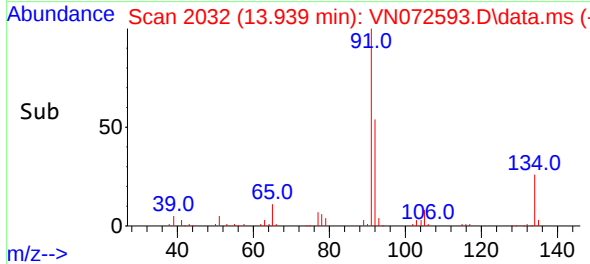
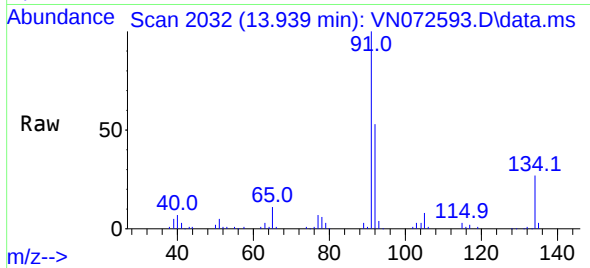
#89
n-Butylbenzene
Concen: 16.095 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01

Tgt Ion: 91 Resp: 8002
Ion Ratio Lower Upper
91 100
92 52.5 26.9 80.7
134 26.4 13.6 40.8

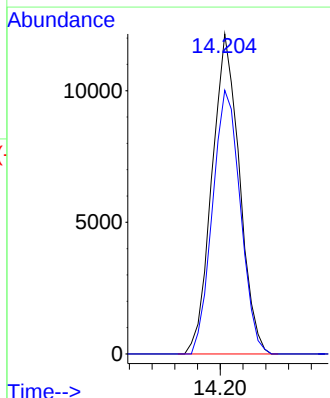
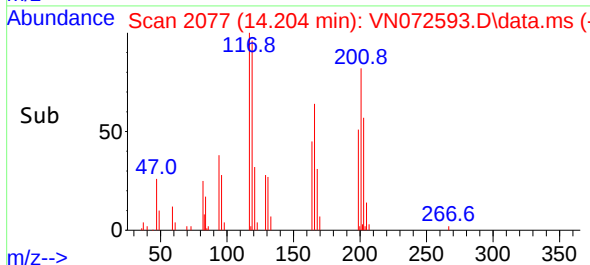
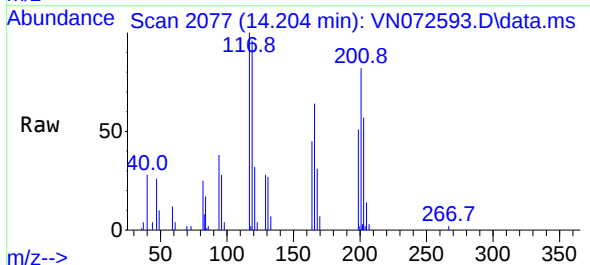
Manual Integrations
APPROVED

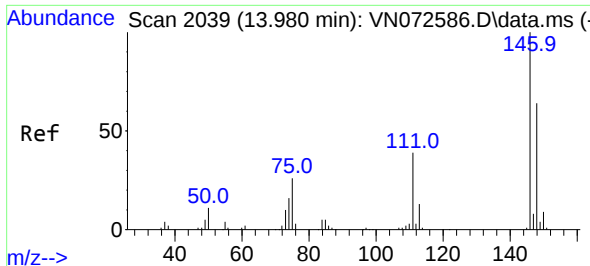
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#90
Hexachloroethane
Concen: 16.772 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

Tgt Ion:117 Resp: 20431
Ion Ratio Lower Upper
117 100
201 83.6 40.6 122.0





#91

1,2-Dichlorobenzene

Concen: 16.313 ug/l

RT: 13.986 min Scan# 2039

Delta R.T. 0.006 min

Lab File: VN072593.D

Acq: 24 May 2022 17:51

Instrument :

MSVOA_N

ClientSampleId :

VN0524WBS01

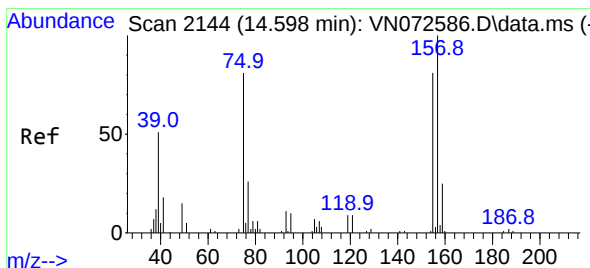
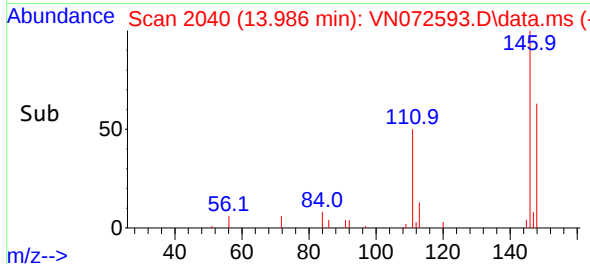
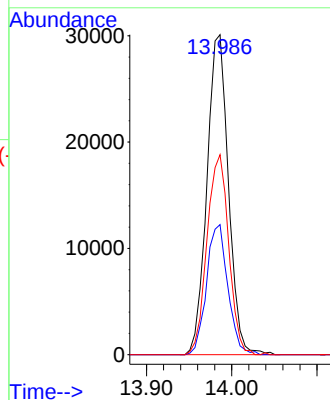
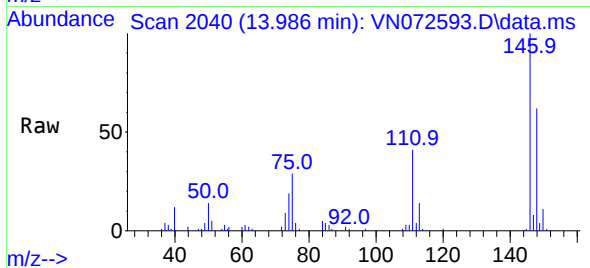
Tgt Ion:146 Resp: 5278
 Ion Ratio Lower Upper
 146 100
 111 40.3 20.9 62.8
 148 63.0 32.1 96.3

Manual Integrations

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Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.002 ug/l

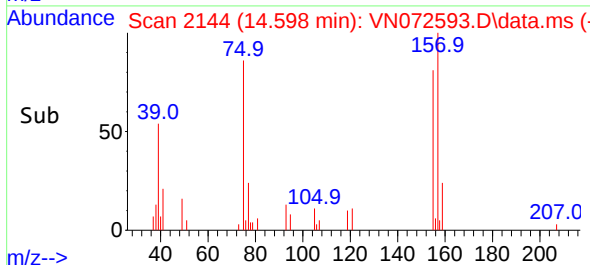
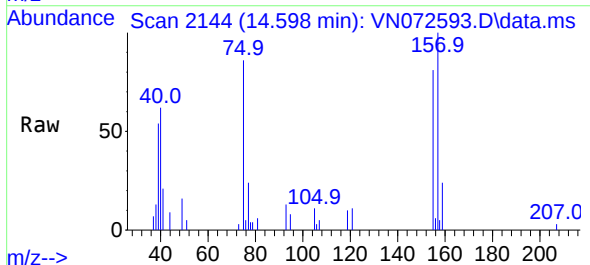
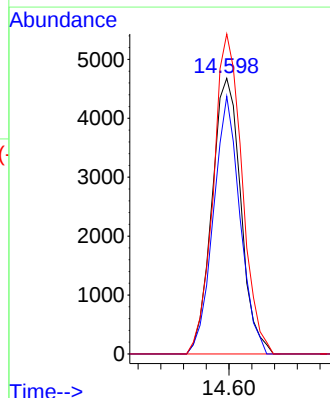
RT: 14.598 min Scan# 2144

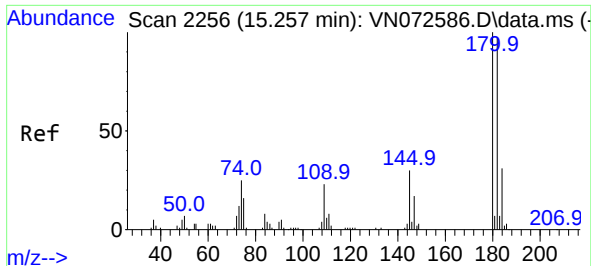
Delta R.T. -0.000 min

Lab File: VN072593.D

Acq: 24 May 2022 17:51

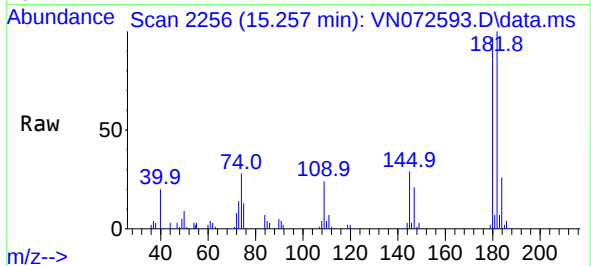
Tgt Ion: 75 Resp: 8258
 Ion Ratio Lower Upper
 75 100
 155 86.2 44.9 134.5
 157 115.4 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 15.940 ug/l
RT: 15.257 min Scan# 2256
Delta R.T. -0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

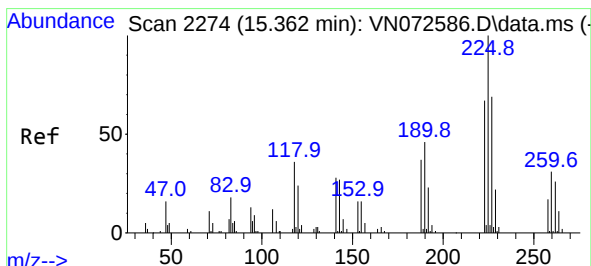
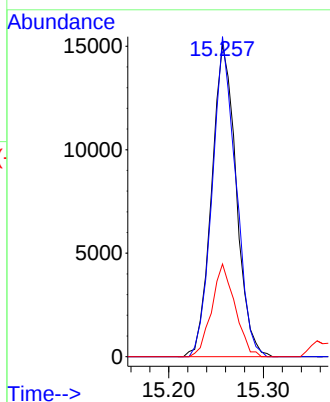
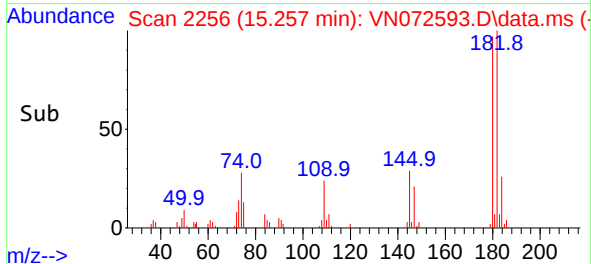
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



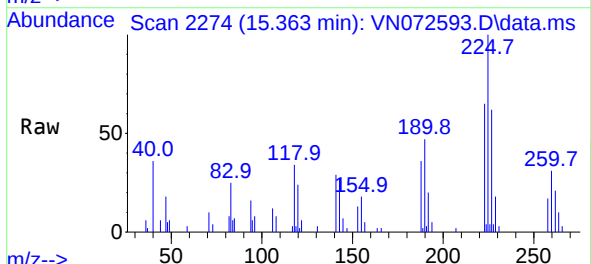
Tgt Ion:180 Resp: 2716
Ion Ratio Lower Upper
180 100
182 98.1 47.5 142.5
145 28.1 14.5 43.5

Manual Integrations
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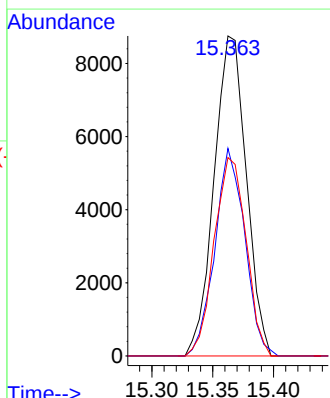
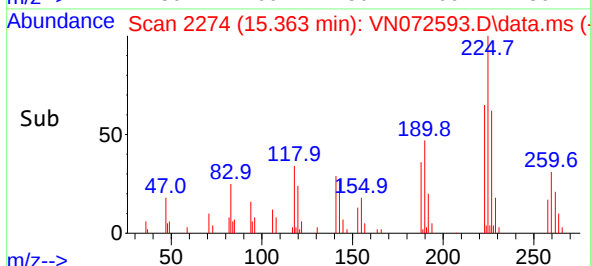
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

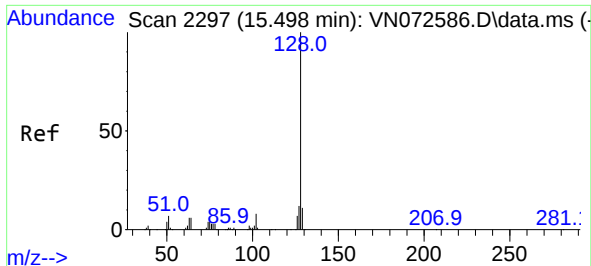


#94
Hexachlorobutadiene
Concen: 16.026 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. 0.001 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51



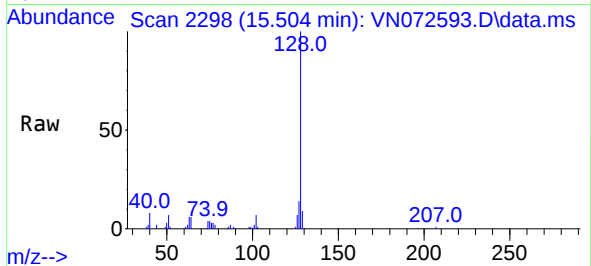
Tgt Ion:225 Resp: 16119
Ion Ratio Lower Upper
225 100
223 60.1 32.4 97.2
227 61.3 31.8 95.4





#95
Naphthalene
Concen: 15.970 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.006 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

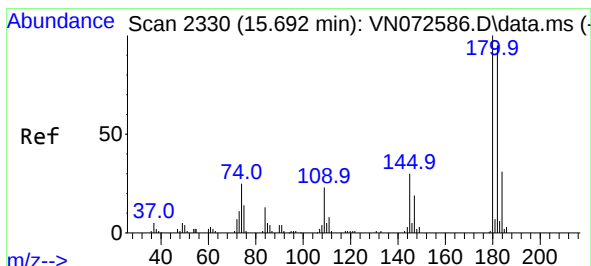
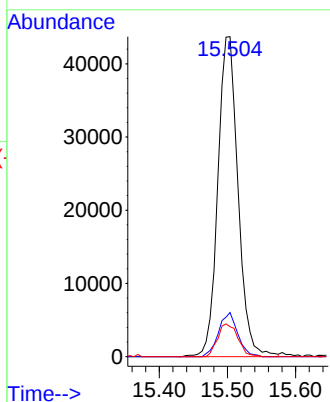
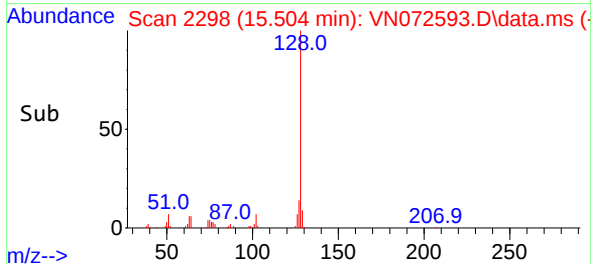
Instrument :
MSVOA_N
ClientSampleId :
VN0524WBS01



Tgt Ion:128 Resp: 90018
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 10.3 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#96
1,2,3-Trichlorobenzene
Concen: 15.645 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN072593.D
Acq: 24 May 2022 17:51

Tgt Ion:180 Resp: 28550
Ion Ratio Lower Upper
180 100
182 95.2 47.8 143.3
145 31.8 15.5 46.5

