

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051322\
 Data File : VN072480.D
 Acq On : 13 May 2022 16:25
 Operator : JC\MD
 Sample : VN0513WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/16/2022
 Supervised By : Mahesh Dadoda 05/16/2022

Quant Time: May 14 02:36:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	174231	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	273105	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	250738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	107998	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	144838	54.274	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 108.540%			
35) Dibromofluoromethane	8.022	113	99296	54.650	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 109.300%			
50) Toluene-d8	10.439	98	356569	51.528	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.060%			
62) 4-Bromofluorobenzene	12.727	95	128617	55.966	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 111.940%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	42862	19.725	ug/l	95
3) Chloromethane	2.299	50	37153	17.413	ug/l	99
4) Vinyl Chloride	2.440	62	29870	16.144	ug/l	89
5) Bromomethane	2.816	94	23962	21.753	ug/l	98
6) Chloroethane	2.987	64	20139	19.902	ug/l	96
7) Trichlorofluoromethane	3.363	101	74032	21.588	ug/l	97
8) Diethyl Ether	3.822	74	22775	18.410	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.216	101	36443	19.476	ug/l	97
10) Methyl Iodide	4.416	142	45880	18.497	ug/l	# 82
11) Tert butyl alcohol	5.357	59	54651	125.244	ug/l	# 72
12) 1,1-Dichloroethene	4.181	96	31794	18.134	ug/l	82
13) Acrolein	4.046	56	30141	70.600	ug/l	98
14) Allyl chloride	4.834	41	60096	18.410	ug/l	94
15) Acrylonitrile	5.545	53	122310	103.151	ug/l	98
16) Acetone	4.287	43	112743	106.676	ug/l	# 88
17) Carbon Disulfide	4.522	76	76885	16.909	ug/l	# 94
18) Methyl Acetate	4.851	43	62630	20.127	ug/l	96
19) Methyl tert-butyl Ether	5.610	73	135163	21.332	ug/l	100
20) Methylene Chloride	5.093	84	39606	18.277	ug/l	92
21) trans-1,2-Dichloroethene	5.593	96	34499	18.807	ug/l	97
22) Diisopropyl ether	6.492	45	123319	18.591	ug/l	94
23) Vinyl Acetate	6.428	43	541143	97.498	ug/l	96
24) 1,1-Dichloroethane	6.387	63	70839	18.925	ug/l	97
25) 2-Butanone	7.328	43	167217	100.250	ug/l	94
26) 2,2-Dichloropropane	7.322	77	65083	20.690	ug/l	94
27) cis-1,2-Dichloroethene	7.316	96	41751	18.933	ug/l	92
28) Bromochloromethane	7.657	49	29762	18.726	ug/l	93
29) Tetrahydrofuran	7.681	42	106922	98.632	ug/l	94
30) Chloroform	7.816	83	80833	21.226	ug/l	96
31) Cyclohexane	8.098	56	61373	17.356	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	76315	21.849	ug/l	96
36) 1,1-Dichloropropene	8.222	75	52790	20.229	ug/l	95
37) Ethyl Acetate	7.404	43	65248	20.839	ug/l	97
38) Carbon Tetrachloride	8.204	117	64670	22.142	ug/l	97
39) Methylcyclohexane	9.457	83	58470	19.936	ug/l	96
40) Benzene	8.457	78	156306	20.050	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	33755	21.772	ug/l	90
42) 1,2-Dichloroethane	8.528	62	72010	22.981	ug/l	95
43) Isopropyl Acetate	8.557	43	103343	21.488	ug/l	95
44) Trichloroethene	9.210	130	40896	20.664	ug/l	99
45) 1,2-Dichloropropane	9.486	63	39845	20.013	ug/l	90
46) Dibromomethane	9.575	93	30783	22.206	ug/l	92
47) Bromodichloromethane	9.757	83	62658	22.171	ug/l	99
48) Methyl methacrylate	9.557	41	48796	21.747	ug/l	88
49) 1,4-Dioxane	9.569	88	19908	520.116	ug/l #	89
51) 4-Methyl-2-Pentanone	10.328	43	332537	111.353	ug/l	94
52) Toluene	10.504	92	101208	21.054	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	63261	21.991	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	66203	21.570	ug/l #	87
55) 1,1,2-Trichloroethane	10.892	97	41699	20.823	ug/l	94
56) Ethyl methacrylate	10.757	69	64669	22.532	ug/l #	90
57) 1,3-Dichloropropane	11.039	76	71137	20.861	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	98583	135.589	ug/l	99
59) 2-Hexanone	11.080	43	242928	116.013	ug/l	92
60) Dibromochloromethane	11.233	129	47646	22.397	ug/l	100
61) 1,2-Dibromoethane	11.339	107	43788	21.941	ug/l	98
64) Tetrachloroethene	10.975	164	38816	21.507	ug/l	95
65) Chlorobenzene	11.769	112	107276	20.941	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	45156	22.023	ug/l	97
67) Ethyl Benzene	11.839	91	189606	21.452	ug/l	100
68) m/p-Xylenes	11.951	106	143678	42.860	ug/l	89
69) o-Xylene	12.280	106	73248	22.239	ug/l	94
70) Styrene	12.292	104	112037	22.235	ug/l	94
71) Bromoform	12.451	173	35887	23.727	ug/l #	93
73) Isopropylbenzene	12.574	105	189771	21.211	ug/l	97
74) N-amyl acetate	12.386	43	63957	20.224	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	65575	20.189	ug/l	95
76) 1,2,3-Trichloropropane	12.874	75	60636m	21.526	ug/l	
77) Bromobenzene	12.857	156	46015	21.497	ug/l	93
78) n-propylbenzene	12.916	91	205146	21.428	ug/l	97
79) 2-Chlorotoluene	13.004	91	135098	21.480	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	162542	22.183	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.621	75	17230	20.406	ug/l	87
82) 4-Chlorotoluene	13.104	91	123729	20.758	ug/l	100
83) tert-Butylbenzene	13.321	119	143068	22.303	ug/l	95
84) 1,2,4-Trimethylbenzene	13.363	105	155505	21.816	ug/l	96
85) sec-Butylbenzene	13.498	105	184136	21.524	ug/l	97
86) p-Isopropyltoluene	13.610	119	151344	22.711	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	76308	20.671	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	76067	20.713	ug/l	97
89) n-Butylbenzene	13.939	91	106797	20.966	ug/l	94
90) Hexachloroethane	14.204	117	26438	19.853	ug/l	97
91) 1,2-Dichlorobenzene	13.980	146	78703	21.347	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.604	75	14299	25.317	ug/l	83
93) 1,2,4-Trichlorobenzene	15.262	180	33085	23.689	ug/l	96
94) Hexachlorobutadiene	15.362	225	20903	22.605	ug/l	98
95) Naphthalene	15.504	128	98935	21.126	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	33548	23.970	ug/l	98

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Sample : VN0513WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VN0513WBSD01

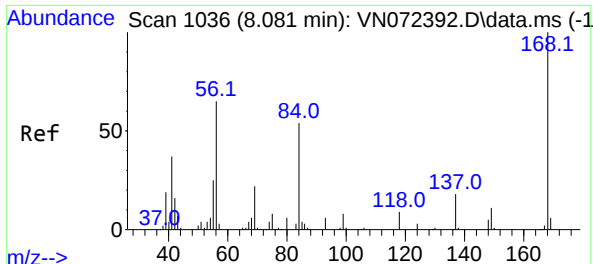
Manual Integrations
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Quant Time: May 14 02:36:03 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
Quant Title : SW846 8260
QLast Update : Tue May 10 15:43:28 2022
Response via : Initial Calibration

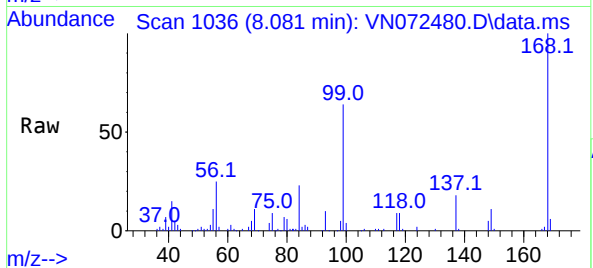
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

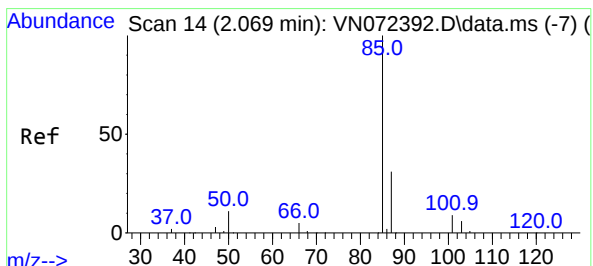
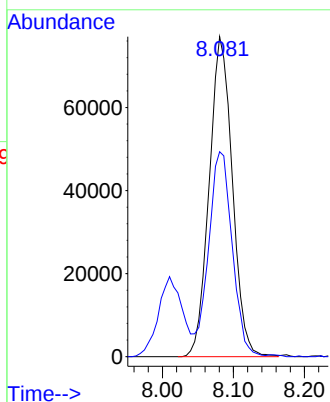
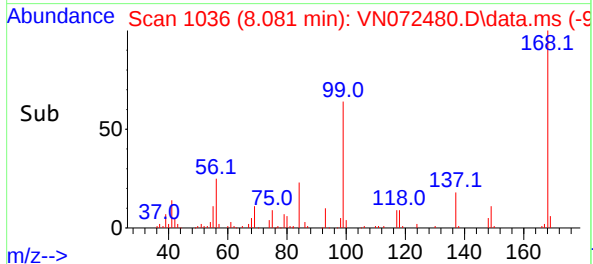
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01



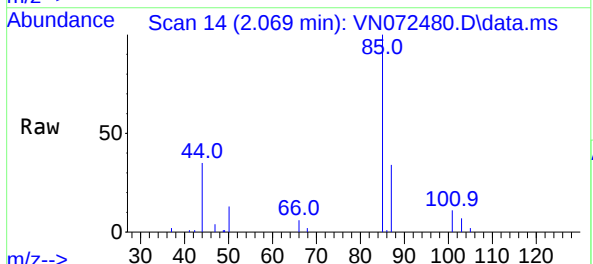
Tgt Ion:168 Resp: 17423
Ion Ratio Lower Upper
168 100
99 63.6 42.3 63.5

Manual Integrations
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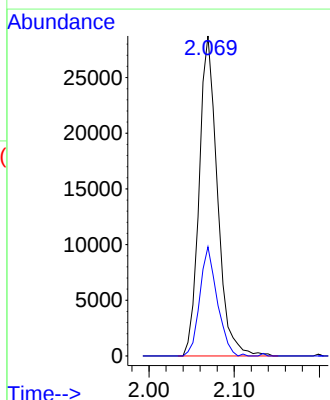
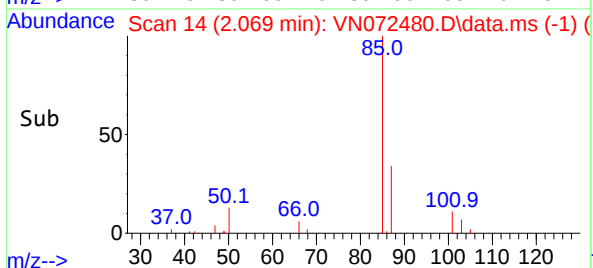
Reviewed By :John Carlone 05/16/2022
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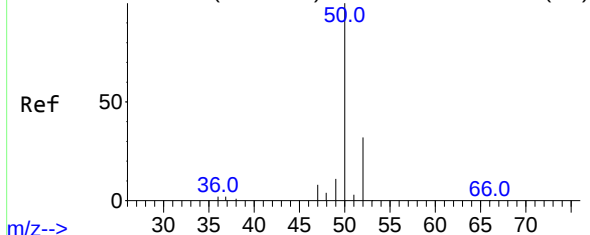
#2
Dichlorodifluoromethane
Concen: 19.725 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25



Tgt Ion: 85 Resp: 42862
Ion Ratio Lower Upper
85 100
87 34.1 15.7 47.1



Abundance Scan 53 (2.299 min): VN072392.D\data.ms (-45)



#3

Chloromethane

Concen: 17.413 ug/l

RT: 2.299 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN072480.D

Acq: 13 May 2022 16:25

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBSD01

Tgt Ion: 50 Resp: 3715

Ion Ratio Lower Upper

50 100

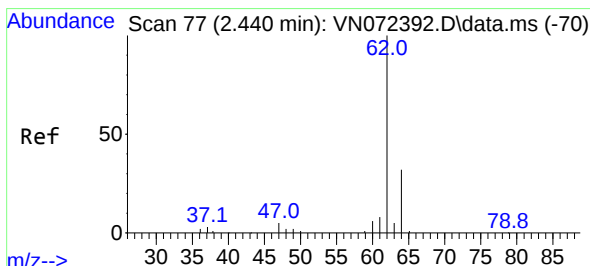
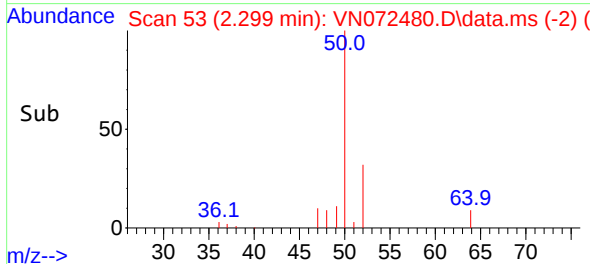
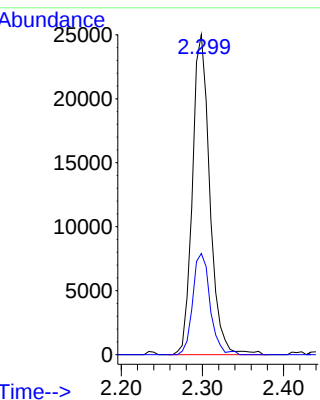
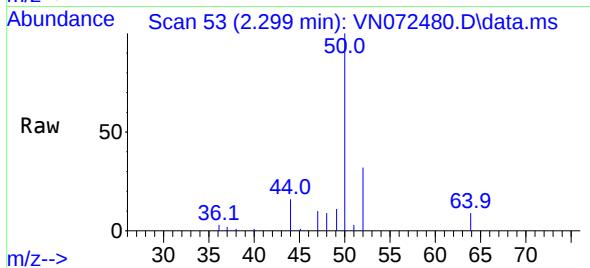
52 31.6 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#4

Vinyl Chloride

Concen: 16.144 ug/l

RT: 2.440 min Scan# 77

Delta R.T. -0.000 min

Lab File: VN072480.D

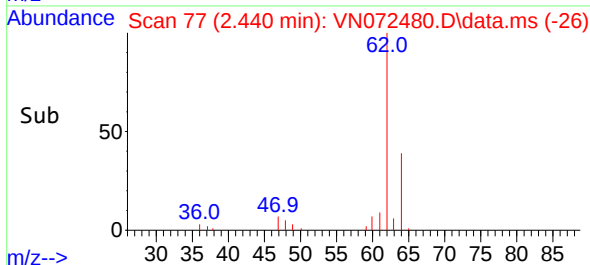
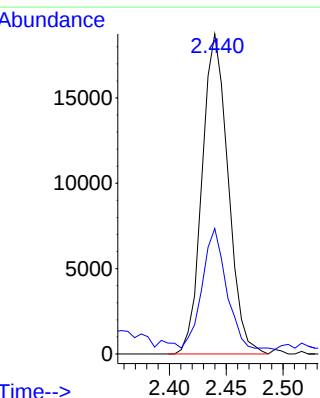
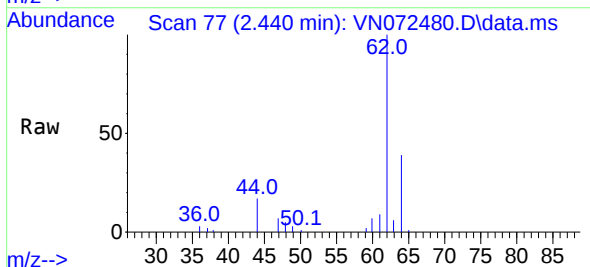
Acq: 13 May 2022 16:25

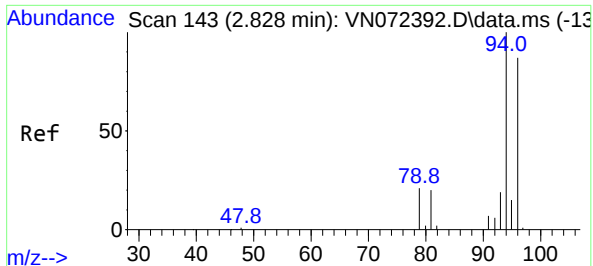
Tgt Ion: 62 Resp: 29870

Ion Ratio Lower Upper

62 100

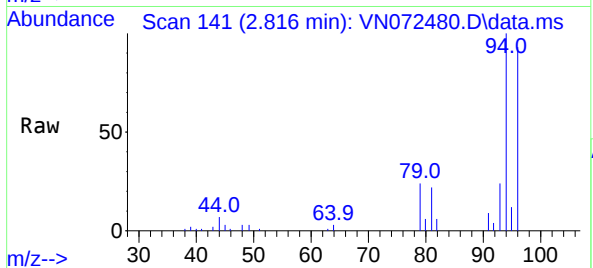
64 37.4 25.0 37.4





#5
Bromomethane
Concen: 21.753 ug/l
RT: 2.816 min Scan# 14
Delta R.T. -0.012 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

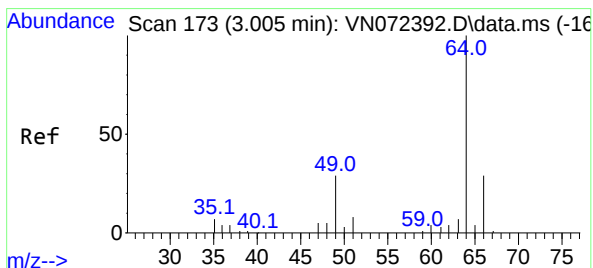
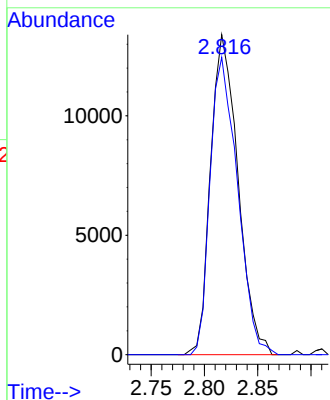
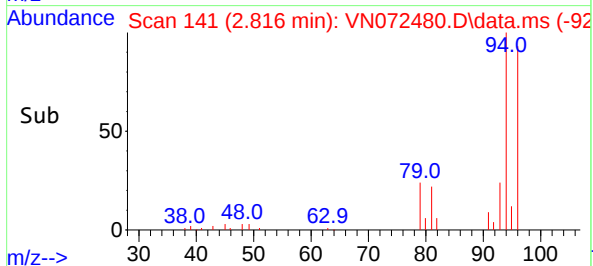
Instrument :
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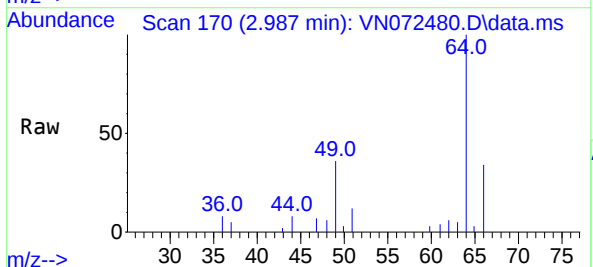
Tgt Ion: 94 Resp: 23962
Ion Ratio Lower Upper
94 100
96 92.9 76.0 114.0

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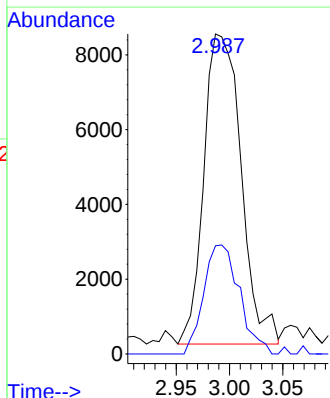
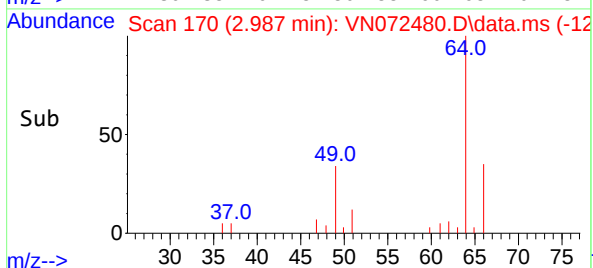
Reviewed By :John Carlone 05/16/2022
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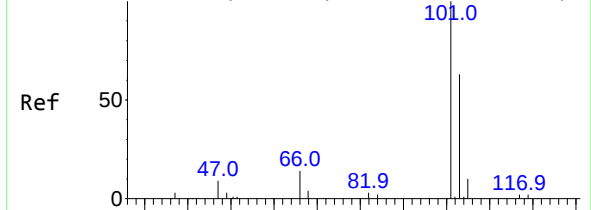
#6
Chloroethane
Concen: 19.902 ug/l
RT: 2.987 min Scan# 170
Delta R.T. -0.018 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25



Tgt Ion: 64 Resp: 20139
Ion Ratio Lower Upper
64 100
66 34.9 26.2 39.4



Abundance Scan 235 (3.369 min): VN072392.D\data.ms (-22



#7

Trichlorofluoromethane

Concen: 21.588 ug/l

RT: 3.363 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN072480.D

Acq: 13 May 2022 16:25

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBSD01

Tgt Ion:101 Resp: 7403

Ion Ratio Lower Upper

101 100

103 66.9 51.5 77.3

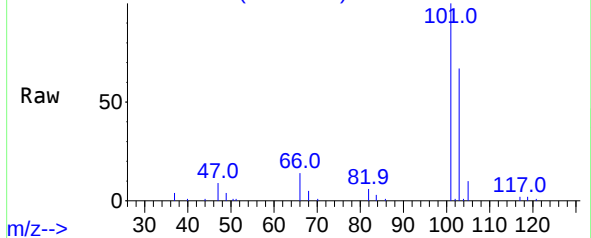
Manual Integrations

APPROVED

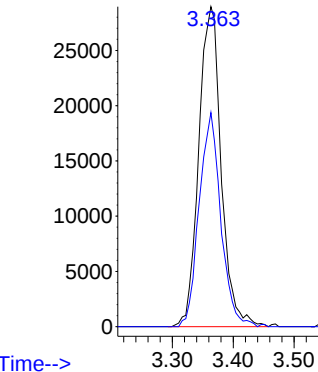
Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022

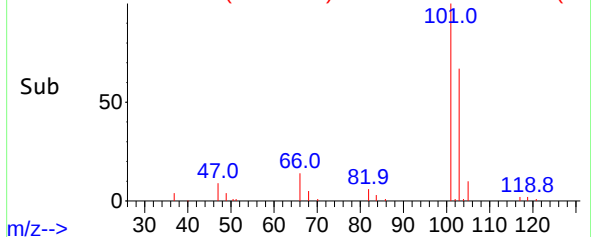
Abundance Scan 234 (3.363 min): VN072480.D\data.ms



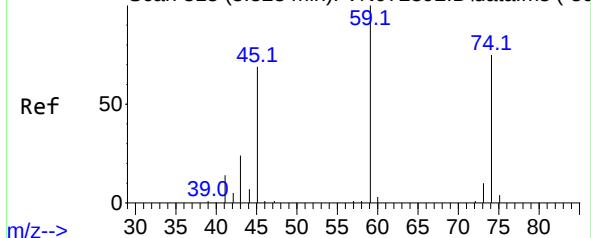
Abundance



Abundance Scan 234 (3.363 min): VN072480.D\data.ms (-18



Abundance Scan 313 (3.828 min): VN072392.D\data.ms (-30



#8

Diethyl Ether

Concen: 18.410 ug/l

RT: 3.822 min Scan# 312

Delta R.T. -0.006 min

Lab File: VN072480.D

Acq: 13 May 2022 16:25

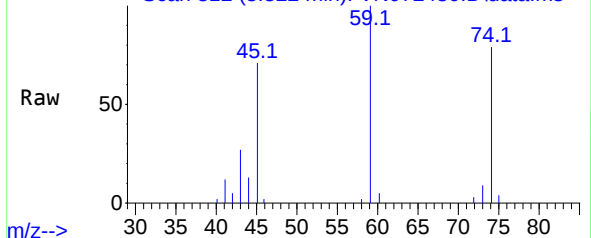
Tgt Ion: 74 Resp: 22775

Ion Ratio Lower Upper

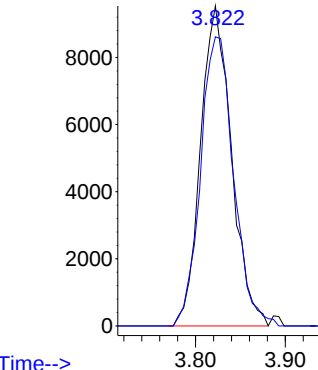
74 100

45 96.5 42.9 128.5

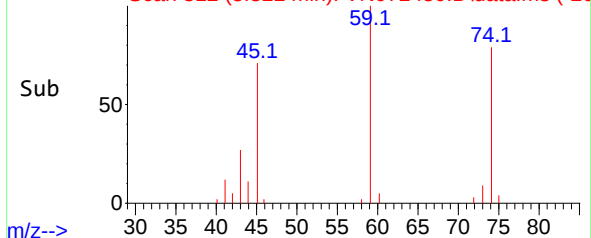
Abundance Scan 312 (3.822 min): VN072480.D\data.ms

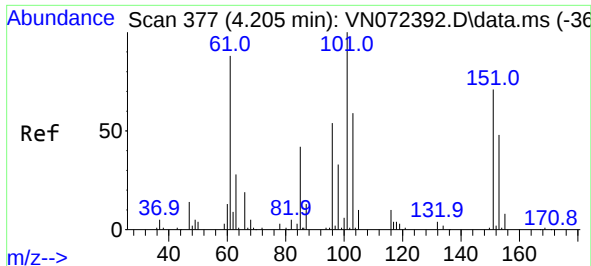


Abundance



Abundance Scan 312 (3.822 min): VN072480.D\data.ms (-26





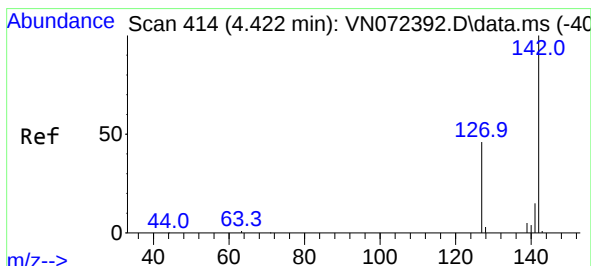
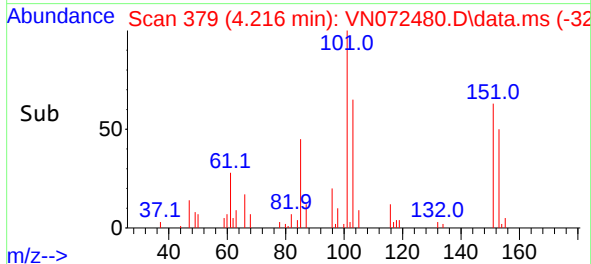
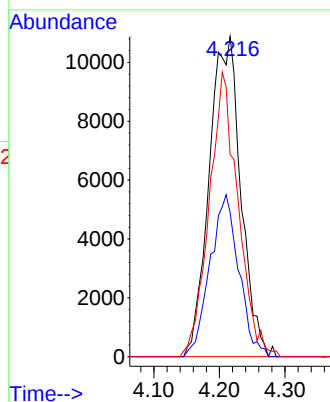
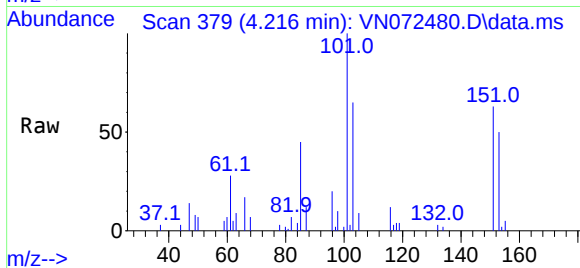
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.476 ug/l
RT: 4.216 min Scan# 31
Delta R.T. 0.011 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

Tgt Ion:101 Resp: 3644
Ion Ratio Lower Upper
101 100
85 46.2 34.7 52.1
151 81.2 63.0 94.4

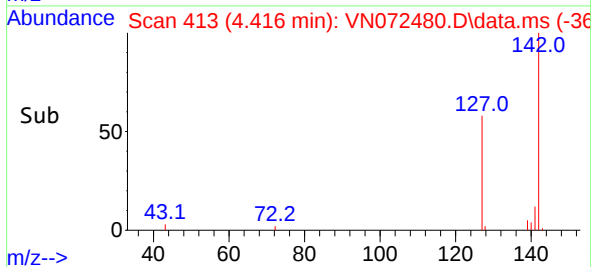
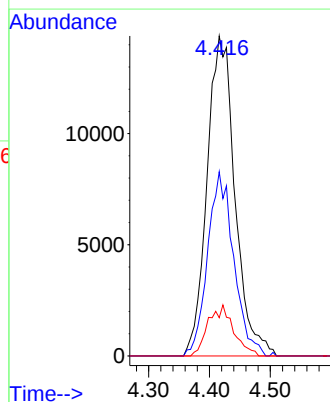
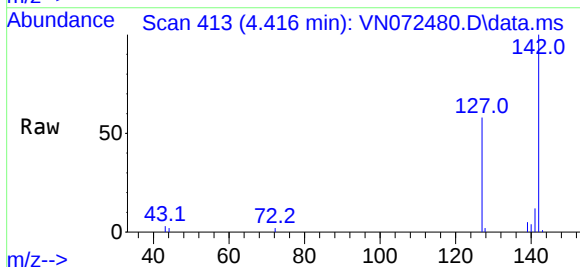
Manual Integrations
APPROVED

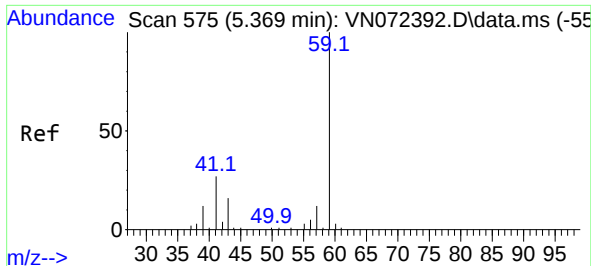
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#10
Methyl Iodide
Concen: 18.497 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

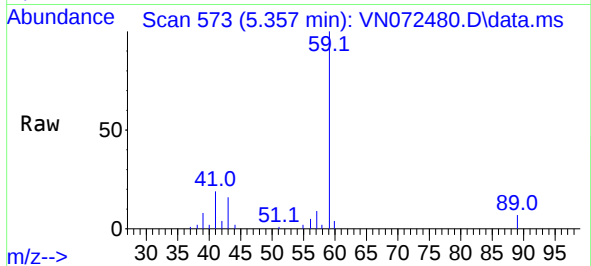
Tgt Ion:142 Resp: 45880
Ion Ratio Lower Upper
142 100
127 53.8 31.3 46.9#
141 14.5 11.2 16.8





#11
Tert butyl alcohol
Concen: 125.244 ug/l
RT: 5.357 min Scan# 51
Delta R.T. -0.012 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

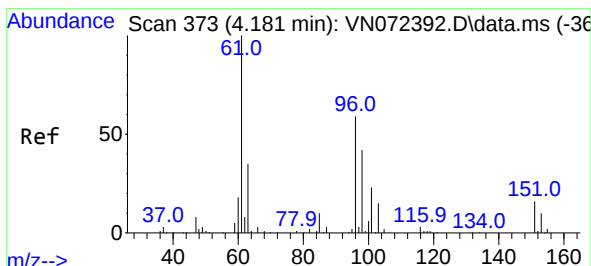
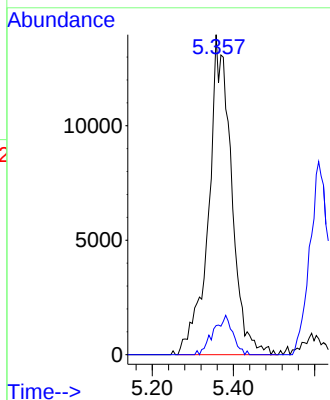
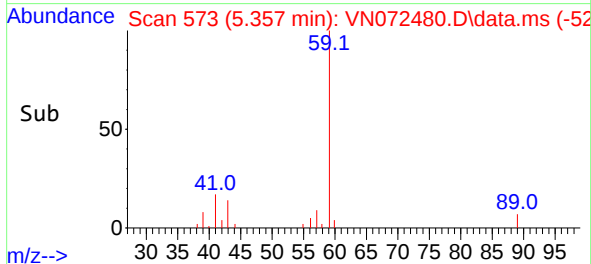
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01



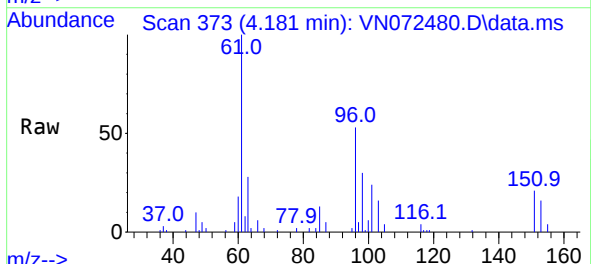
Tgt Ion: 59 Resp: 5465
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5

Manual Integrations
APPROVED

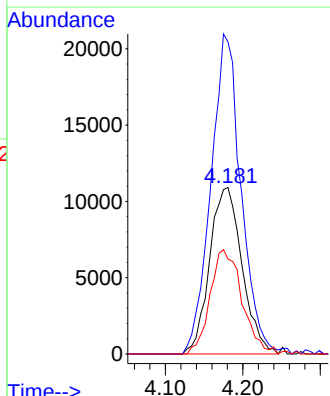
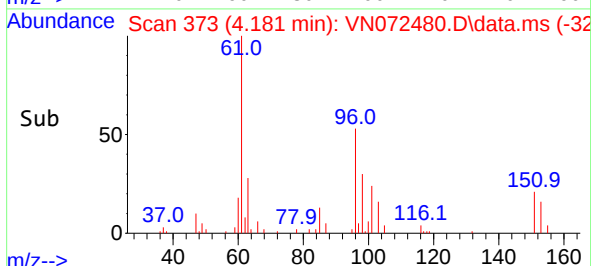
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

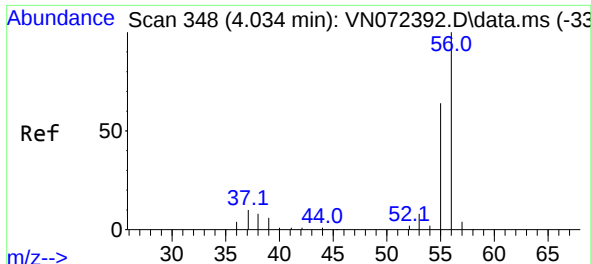


#12
1,1-Dichloroethene
Concen: 18.134 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25



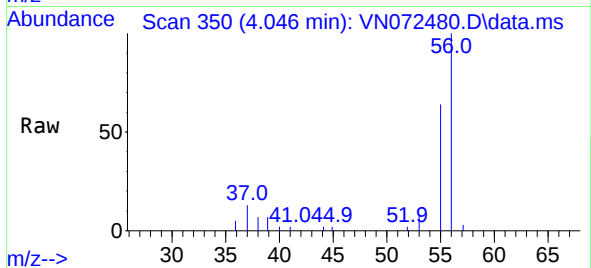
Tgt Ion: 96 Resp: 31794
Ion Ratio Lower Upper
96 100
61 187.5 127.6 191.4
98 57.0 51.2 76.8





#13
Acrolein
Concen: 70.600 ug/l
RT: 4.046 min Scan# 3014
Delta R.T. 0.012 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

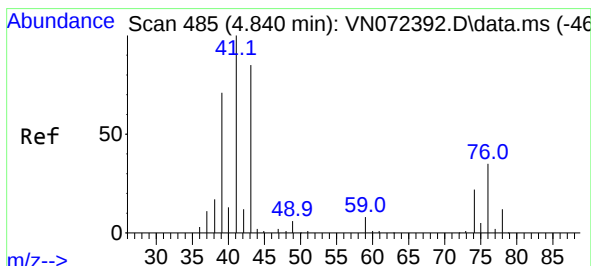
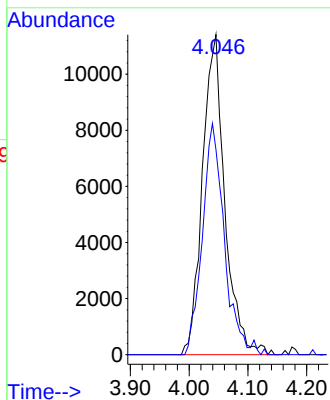
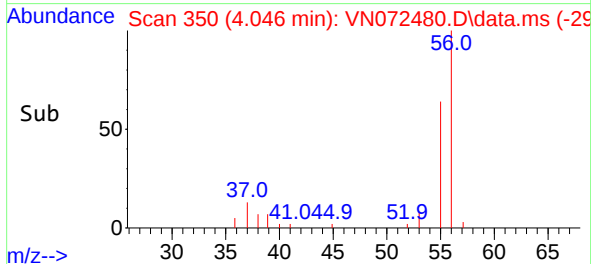
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01



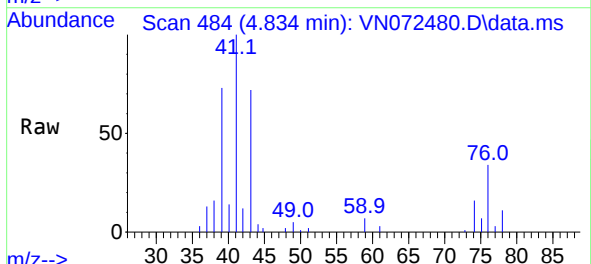
Tgt Ion: 56 Resp: 3014
Ion Ratio Lower Upper
56 100
55 70.2 54.8 82.2

Manual Integrations
APPROVED

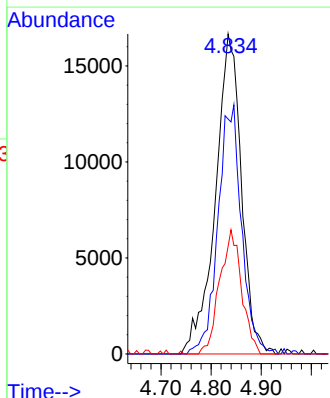
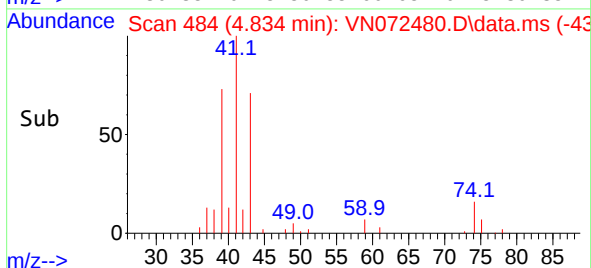
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

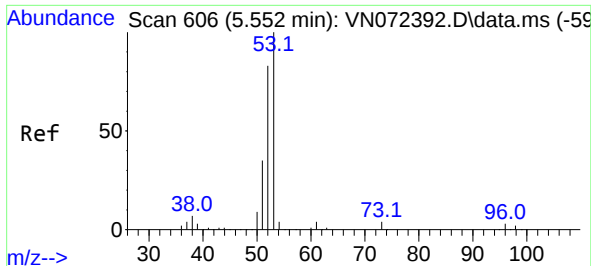


#14
Allyl chloride
Concen: 18.410 ug/l
RT: 4.834 min Scan# 484
Delta R.T. -0.006 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25



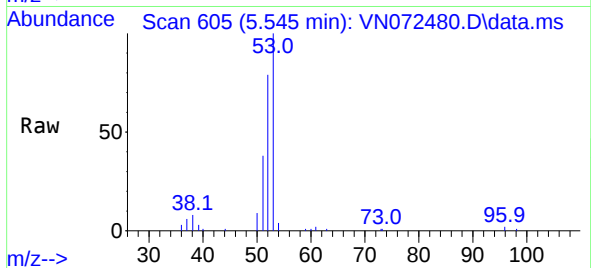
Tgt Ion: 41 Resp: 60096
Ion Ratio Lower Upper
41 100
39 70.5 53.2 79.8
76 32.6 29.9 44.9





#15
Acrylonitrile
Concen: 103.151 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.007 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

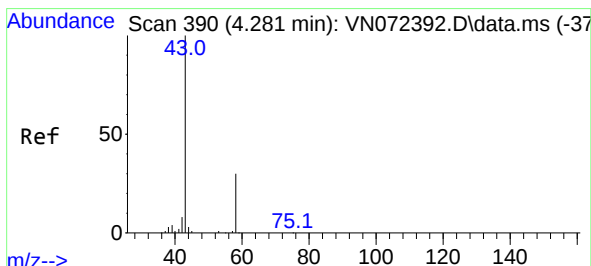
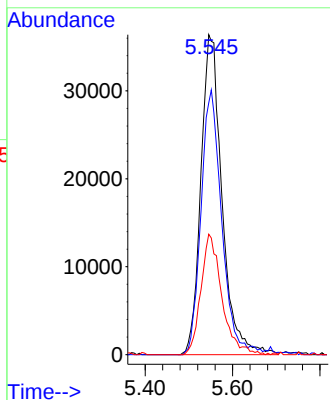
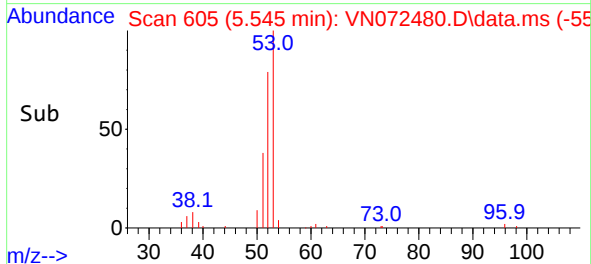
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01



Tgt Ion: 53 Resp: 122310
Ion Ratio Lower Upper
53 100
52 81.2 66.4 99.6
51 37.4 28.5 42.7

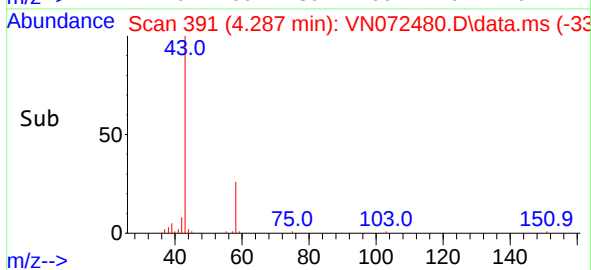
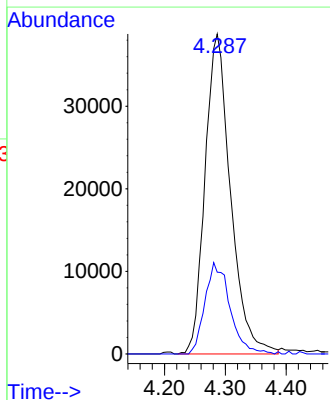
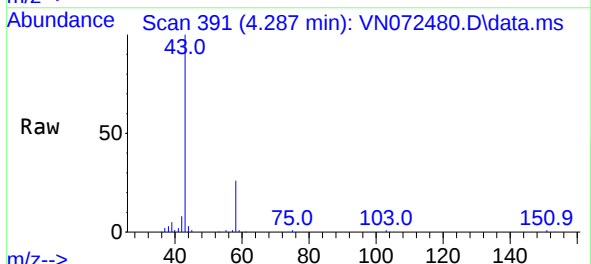
Manual Integrations
APPROVED

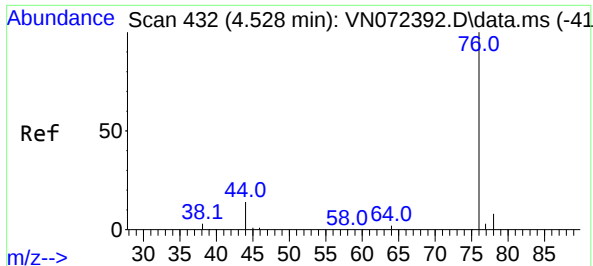
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#16
Acetone
Concen: 106.676 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

Tgt Ion: 43 Resp: 112743
Ion Ratio Lower Upper
43 100
58 25.6 26.0 39.0#





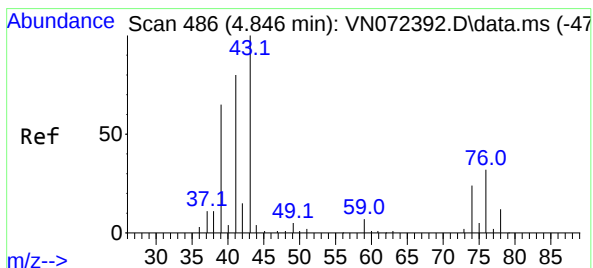
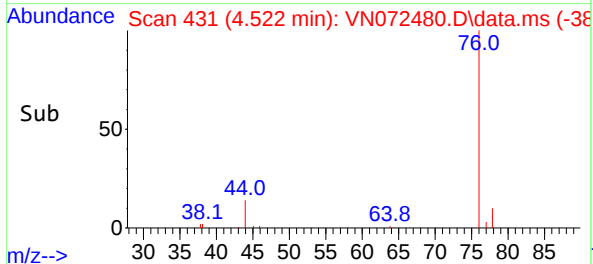
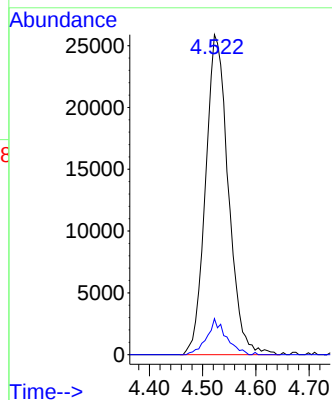
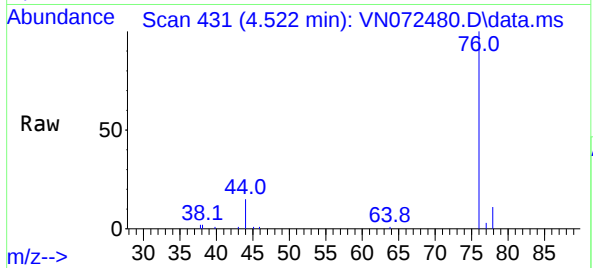
#17
Carbon Disulfide
Concen: 16.909 ug/l
RT: 4.522 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

Tgt Ion: 76 Resp: 7688
Ion Ratio Lower Upper
76 100
78 11.2 7.2 10.8

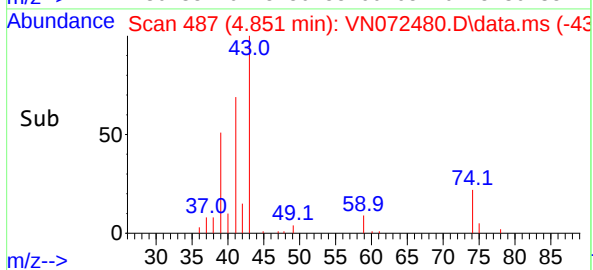
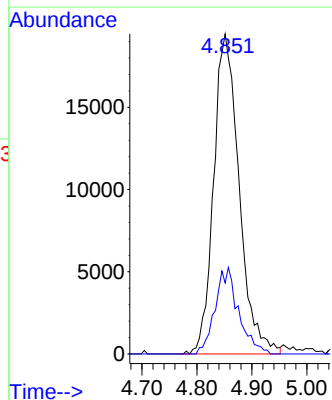
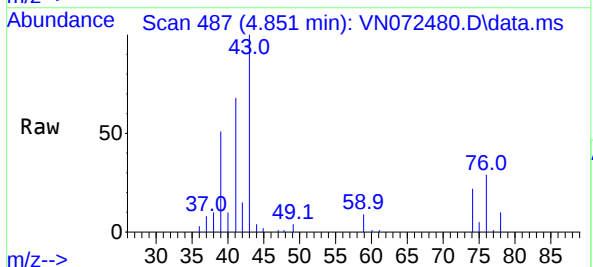
Manual Integrations
APPROVED

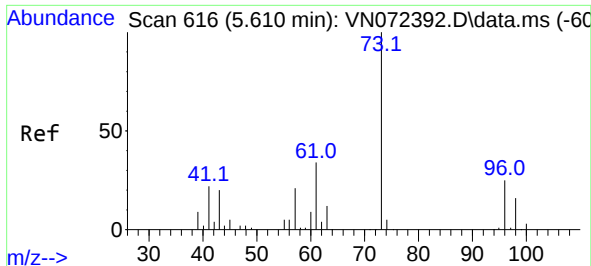
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#18
Methyl Acetate
Concen: 20.127 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.005 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

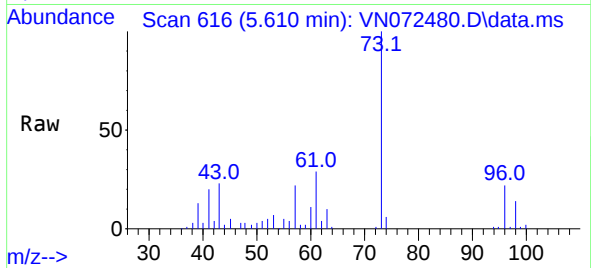
Tgt Ion: 43 Resp: 62630
Ion Ratio Lower Upper
43 100
74 24.8 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 21.332 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

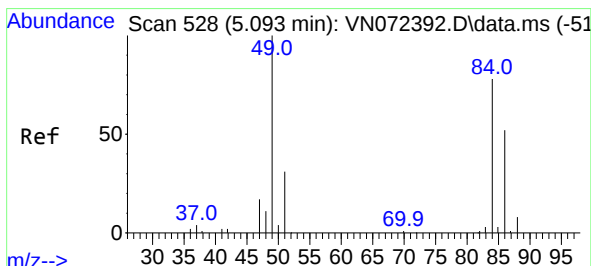
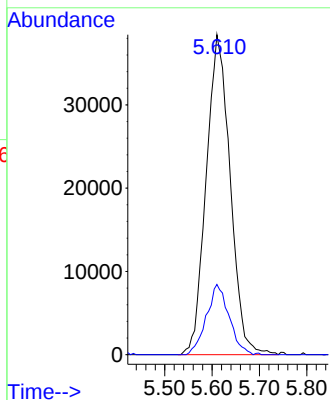
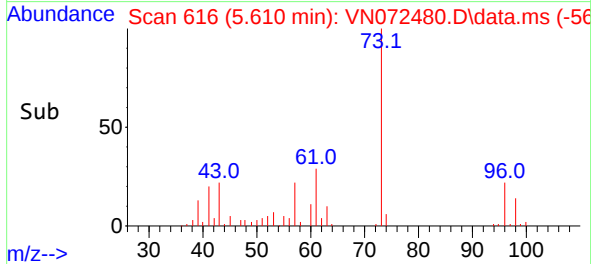
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01



Tgt Ion: 73 Resp: 13516
Ion Ratio Lower Upper
73 100
57 22.0 17.6 26.4

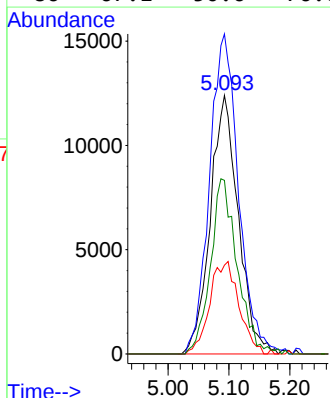
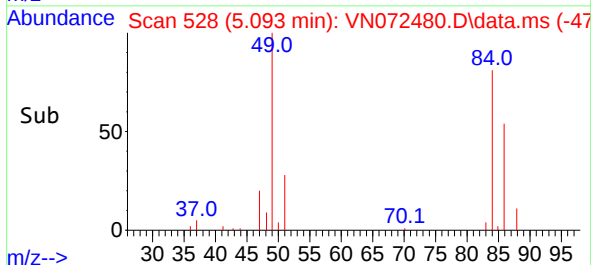
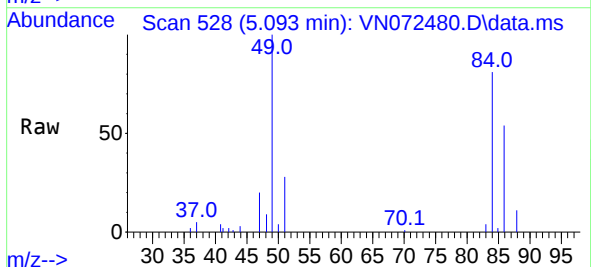
Manual Integrations
APPROVED

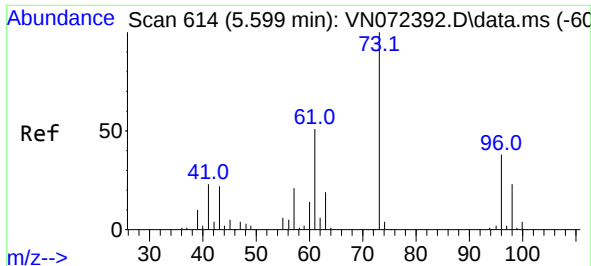
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#20
Methylene Chloride
Concen: 18.277 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

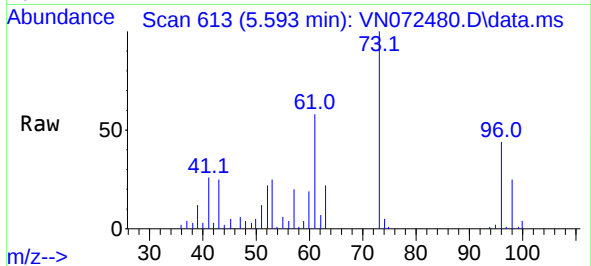
Tgt Ion: 84 Resp: 39606
Ion Ratio Lower Upper
84 100
49 123.7 88.3 132.5
51 34.3 28.2 42.2
86 67.1 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 18.807 ug/l
RT: 5.593 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

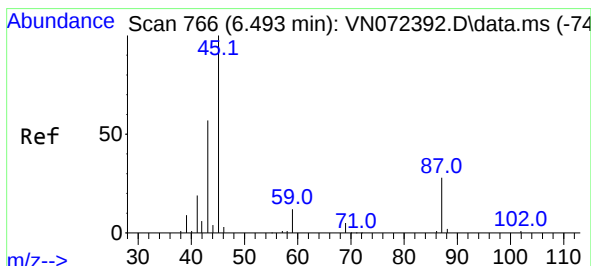
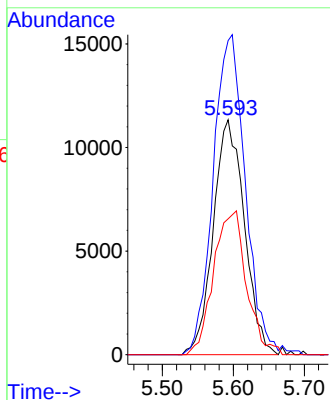
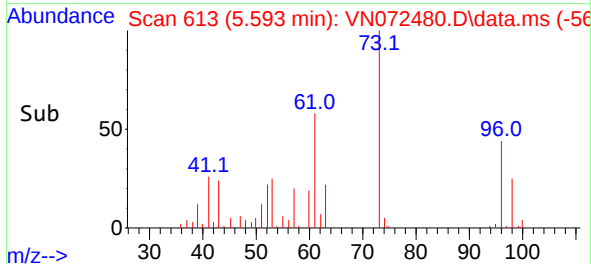
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01



Tgt Ion: 96 Resp: 34499
Ion Ratio Lower Upper
96 100
61 133.7 105.8 158.8
98 57.8 50.3 75.5

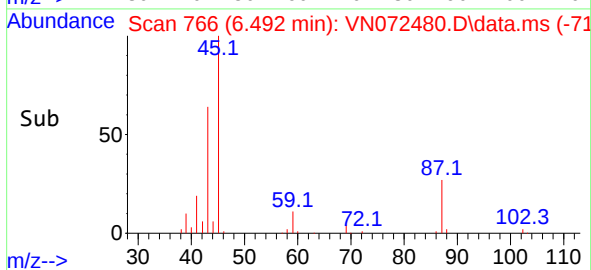
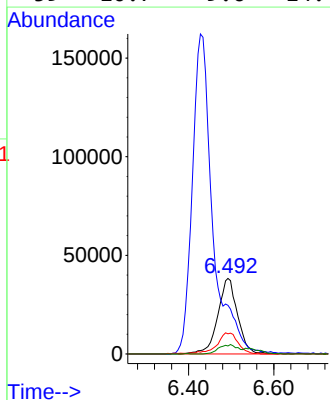
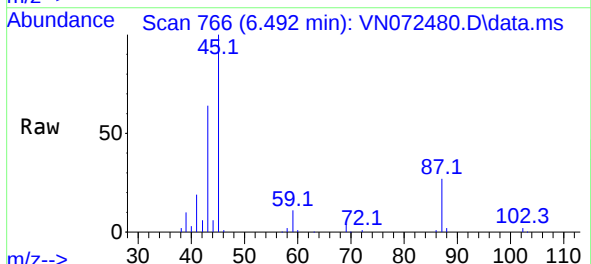
Manual Integrations
APPROVED

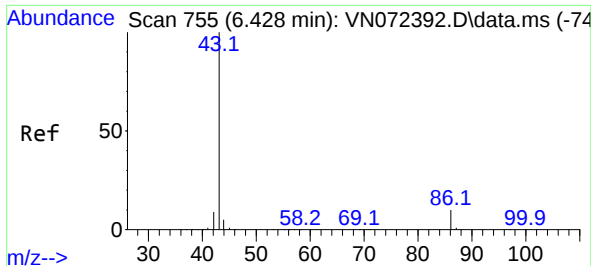
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#22
Diisopropyl ether
Concen: 18.591 ug/l
RT: 6.492 min Scan# 766
Delta R.T. -0.001 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

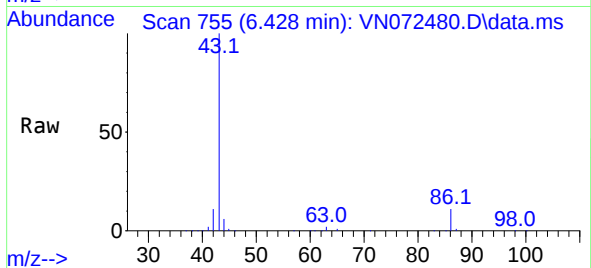
Tgt Ion: 45 Resp: 123319
Ion Ratio Lower Upper
45 100
43 63.2 46.6 70.0
87 26.7 24.3 36.5
59 10.7 9.6 14.4





#23
 Vinyl Acetate
 Concen: 97.498 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072480.D
 Acq: 13 May 2022 16:25

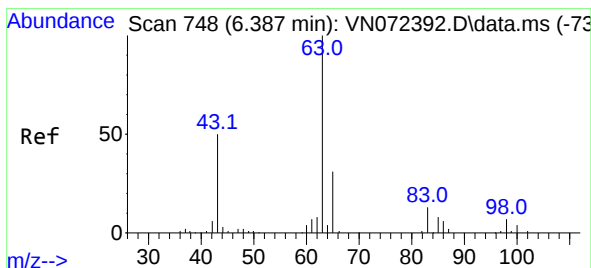
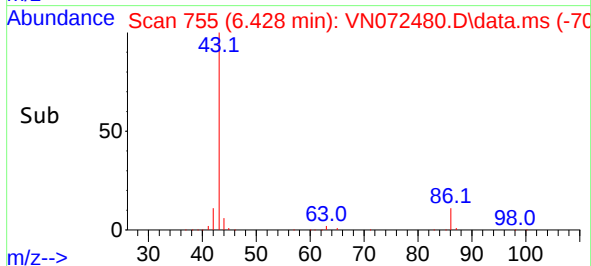
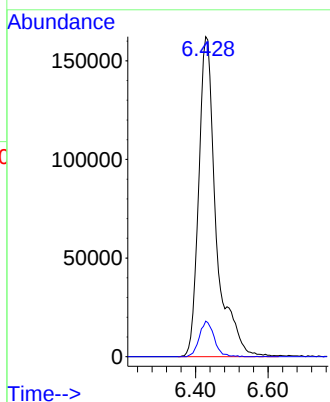
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBSD01



Tgt Ion: 43 Resp: 54114
 Ion Ratio Lower Upper
 43 100
 86 11.1 10.0 15.0

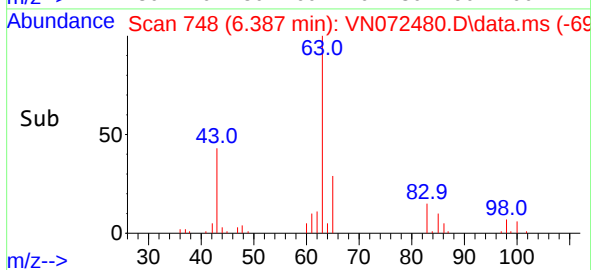
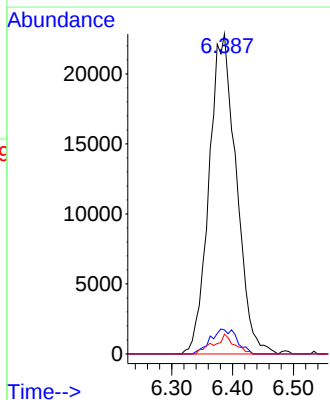
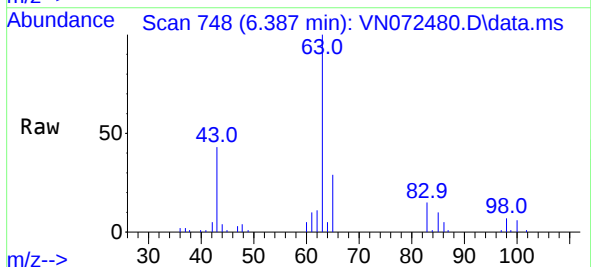
Manual Integrations
 APPROVED

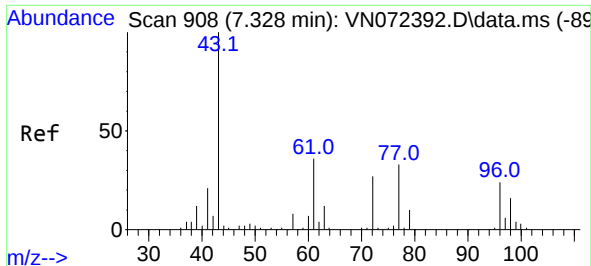
Reviewed By :John Carlone 05/16/2022
 Supervised By :Mahesh Dadoda 05/16/2022



#24
 1,1-Dichloroethane
 Concen: 18.925 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN072480.D
 Acq: 13 May 2022 16:25

Tgt Ion: 63 Resp: 70839
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.4
 100 6.2 2.3 6.8





#25

2-Butanone

Concen: 100.250 ug/l

RT: 7.328 min Scan# 908

Delta R.T. -0.000 min

Lab File: VN072480.D

Acq: 13 May 2022 16:25

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBSD01

Tgt Ion: 43 Resp: 16721

Ion Ratio Lower Upper

43 100

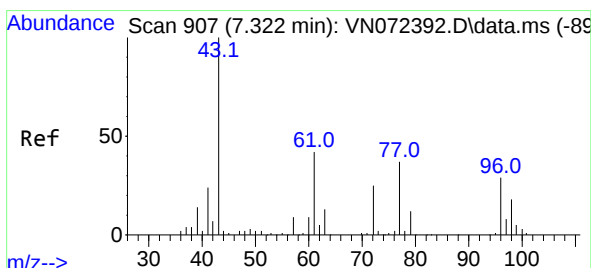
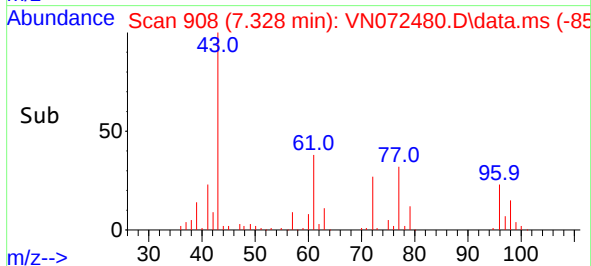
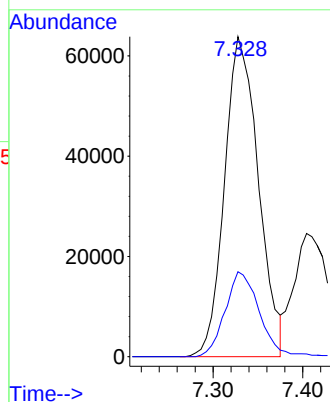
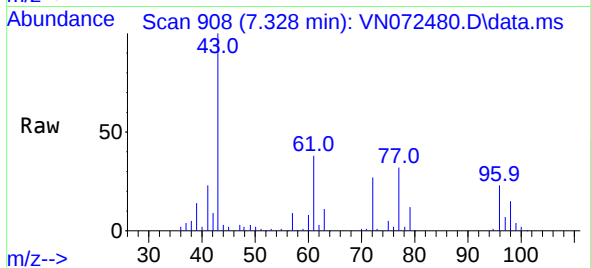
72 26.5 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#26

2,2-Dichloropropane

Concen: 20.690 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072480.D

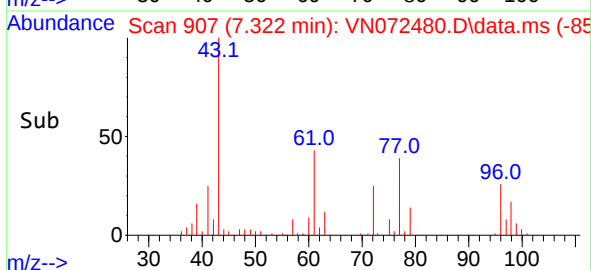
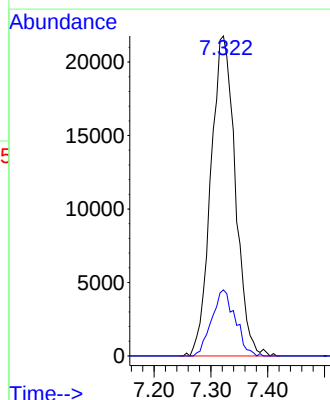
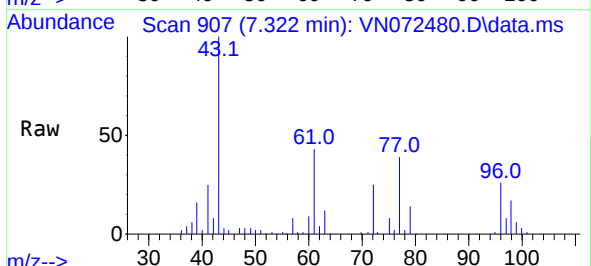
Acq: 13 May 2022 16:25

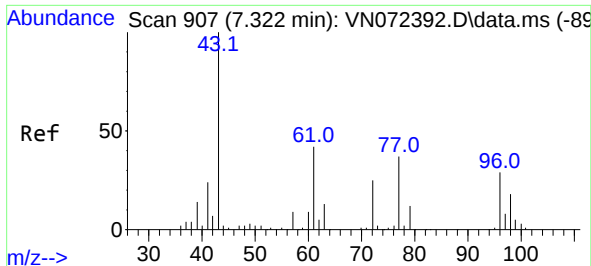
Tgt Ion: 77 Resp: 65083

Ion Ratio Lower Upper

77 100

97 19.9 11.4 34.2





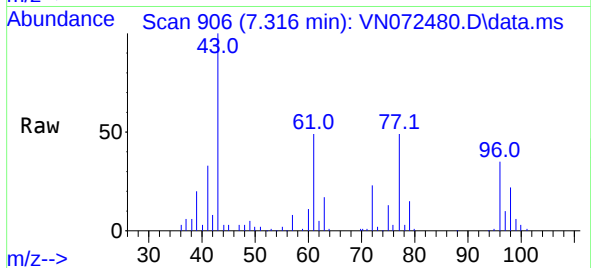
#27
 cis-1,2-Dichloroethene
 Concen: 18.933 ug/l
 RT: 7.316 min Scan# 907
 Delta R.T. -0.006 min
 Lab File: VN072480.D
 Acq: 13 May 2022 16:25

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBSD01

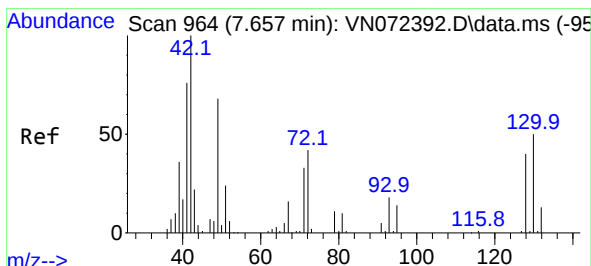
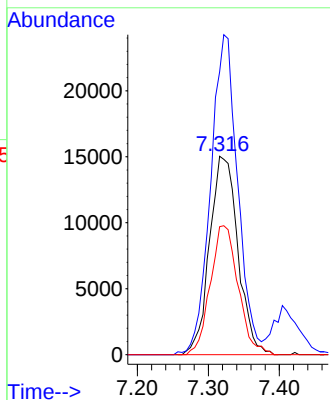
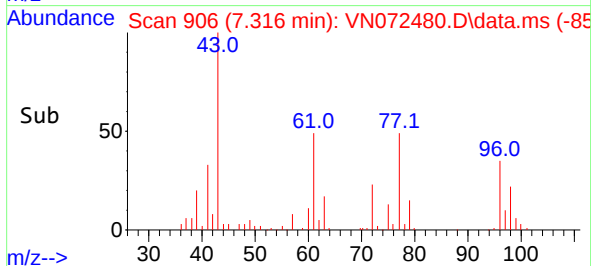


Tgt Ion: 96 Resp: 4175
 Ion Ratio Lower Upper
 96 100
 61 153.7 0.0 280.6
 98 63.9 0.0 128.4

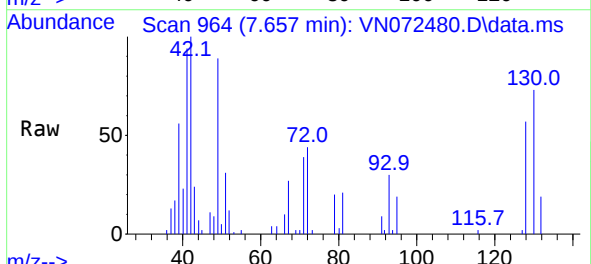
Manual Integrations

APPROVED

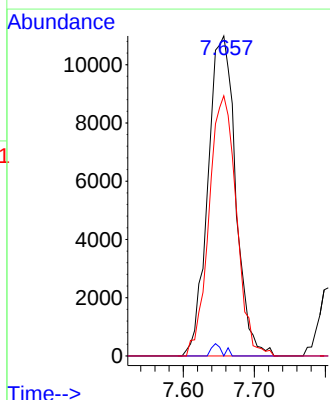
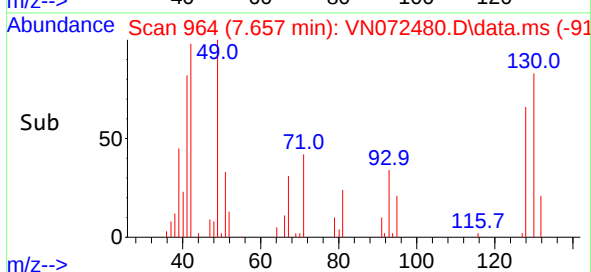
Reviewed By :John Carlone 05/16/2022
 Supervised By :Mahesh Dadoda 05/16/2022

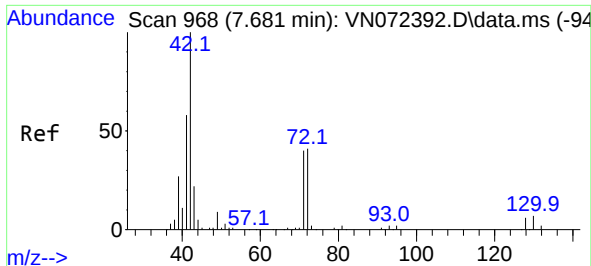


#28
 Bromochloromethane
 Concen: 18.726 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. 0.000 min
 Lab File: VN072480.D
 Acq: 13 May 2022 16:25



Tgt Ion: 49 Resp: 29762
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.6
 130 80.3 69.7 104.5





#29

Tetrahydrofuran

Concen: 98.632 ug/l

RT: 7.681 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN072480.D

Acq: 13 May 2022 16:25

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBSD01

Tgt Ion: 42 Resp: 10692

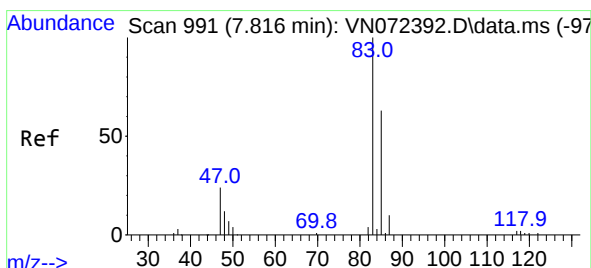
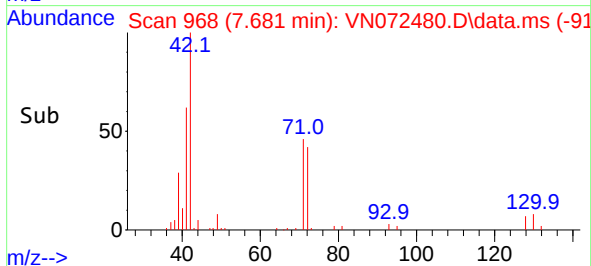
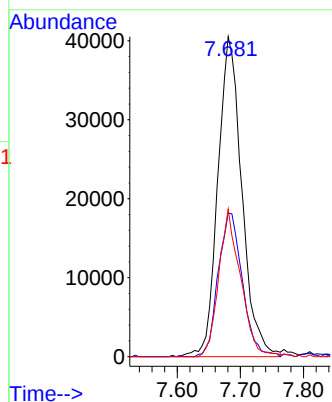
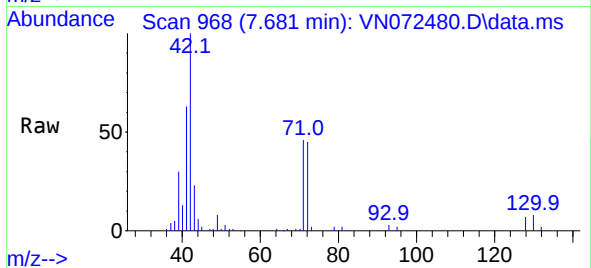
Ion	Ratio	Lower	Upper
42	100		
72	45.0	39.7	59.5
71	42.3	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#30

Chloroform

Concen: 21.226 ug/l

RT: 7.816 min Scan# 991

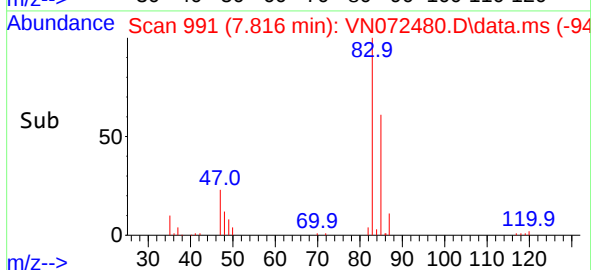
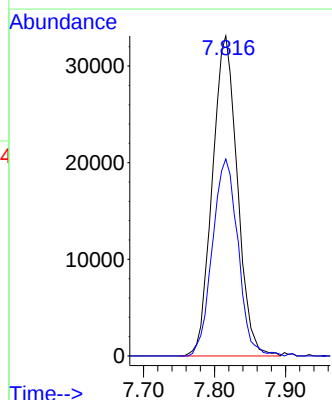
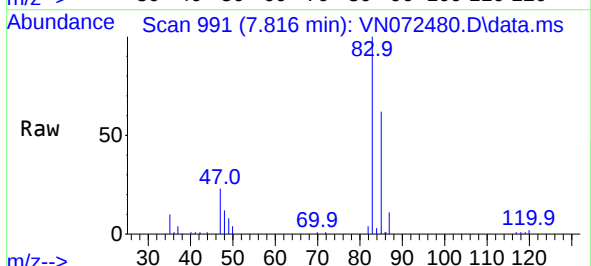
Delta R.T. -0.000 min

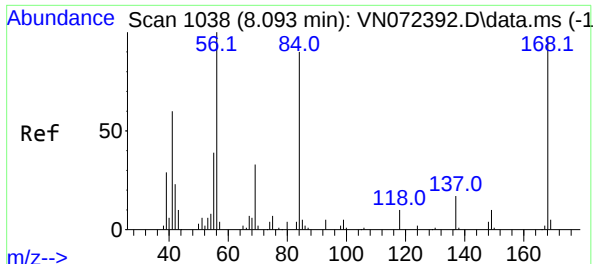
Lab File: VN072480.D

Acq: 13 May 2022 16:25

Tgt Ion: 83 Resp: 80833

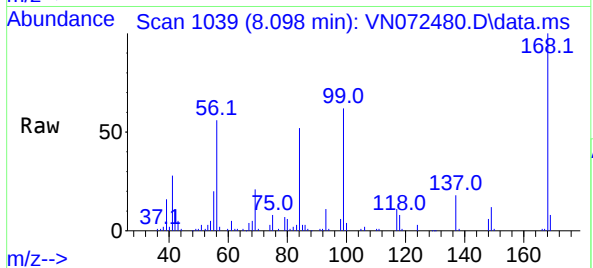
Ion	Ratio	Lower	Upper
83	100		
85	61.5	51.8	77.8





#31
Cyclohexane
Concen: 17.356 ug/l
RT: 8.098 min Scan# 1038
Delta R.T. 0.005 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

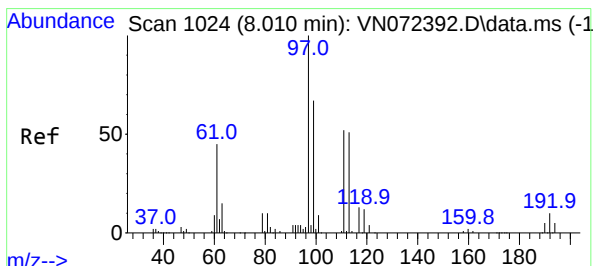
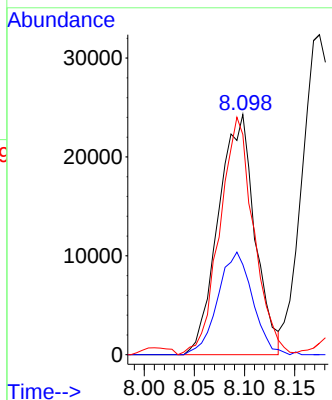
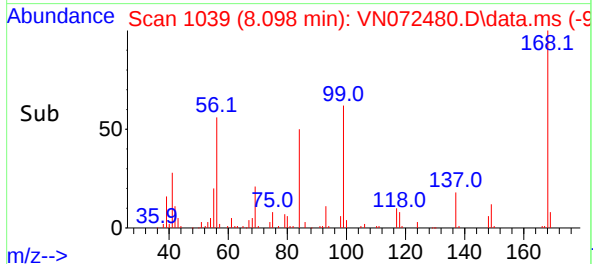
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01



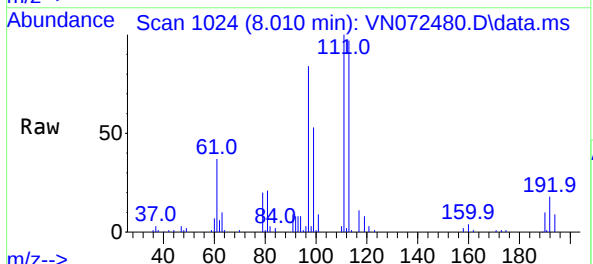
Tgt Ion: 56 Resp: 6137
Ion Ratio Lower Upper
56 100
69 37.5 27.8 41.8
84 91.6 76.9 115.3

Manual Integrations
APPROVED

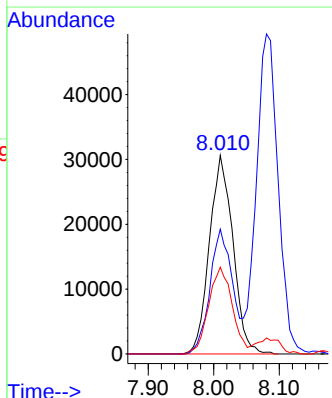
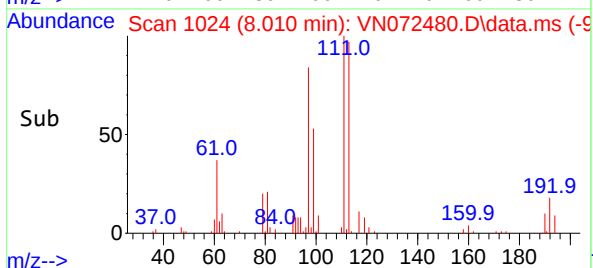
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

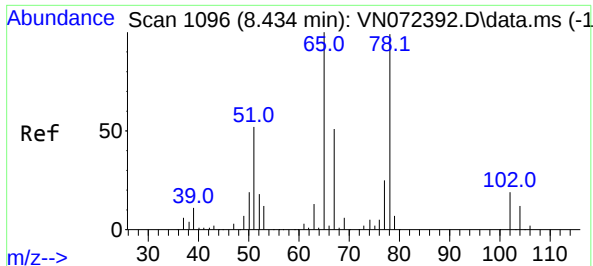


#32
1,1,1-Trichloroethane
Concen: 21.849 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25



Tgt Ion: 97 Resp: 76315
Ion Ratio Lower Upper
97 100
99 59.0 50.6 76.0
61 43.9 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 54.274 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. -0.000 min

Lab File: VN072480.D

Acq: 13 May 2022 16:25

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBSD01

Tgt Ion: 65 Resp: 144838

Ion Ratio Lower Upper

65 100

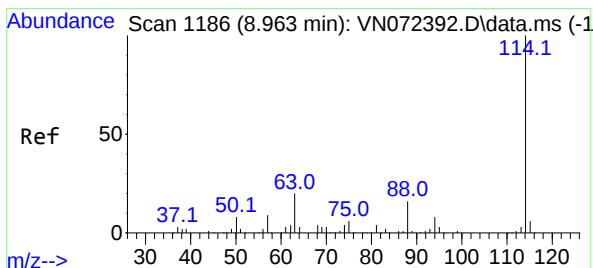
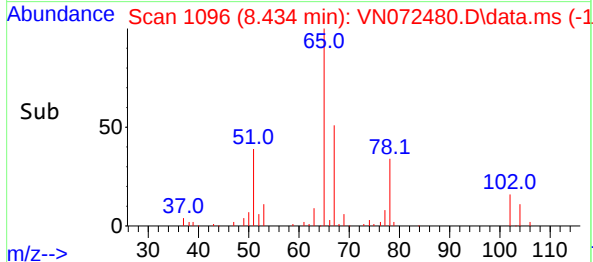
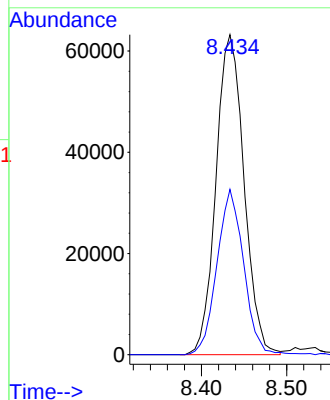
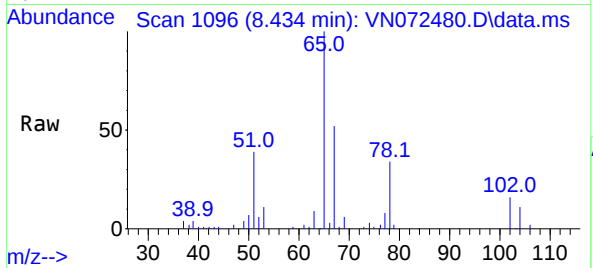
67 49.2 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072480.D

Acq: 13 May 2022 16:25

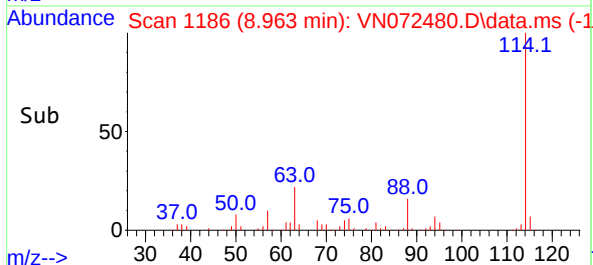
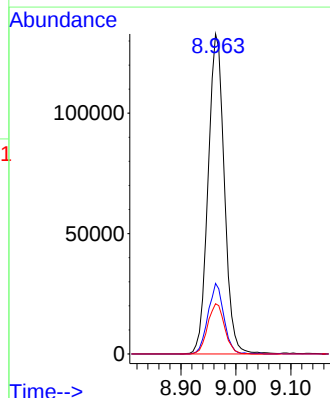
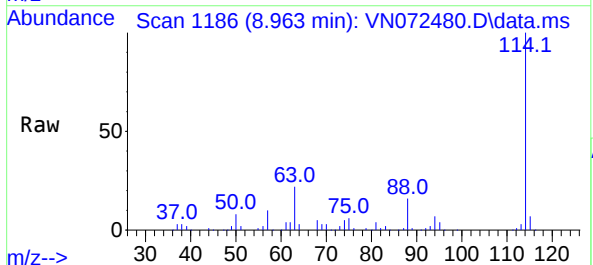
Tgt Ion:114 Resp: 273105

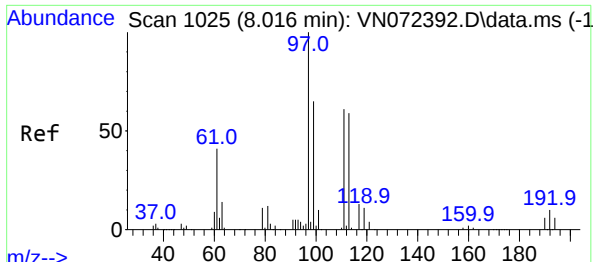
Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

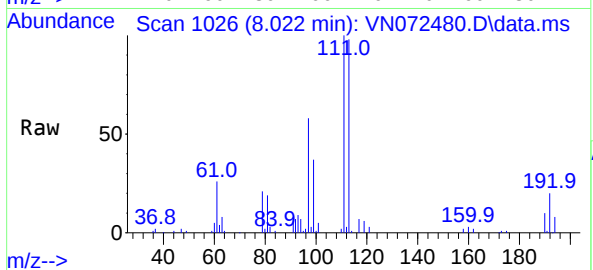
88 15.7 0.0 32.6





#35
Dibromofluoromethane
Concen: 54.650 ug/l
RT: 8.022 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

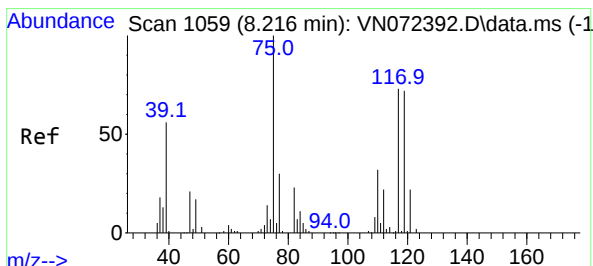
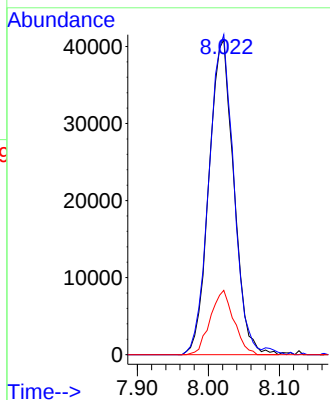
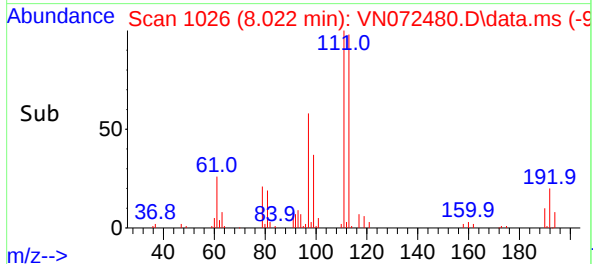
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01



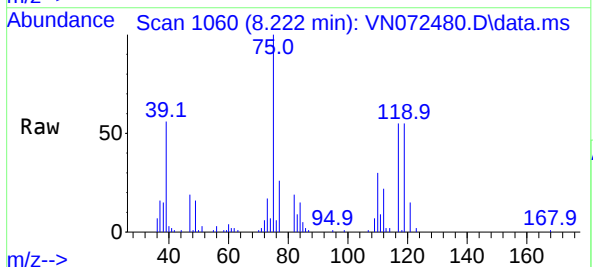
Tgt Ion: 113 Resp: 99290
Ion Ratio Lower Upper
113 100
111 101.1 81.4 122.0
192 19.4 17.0 25.6

Manual Integrations
APPROVED

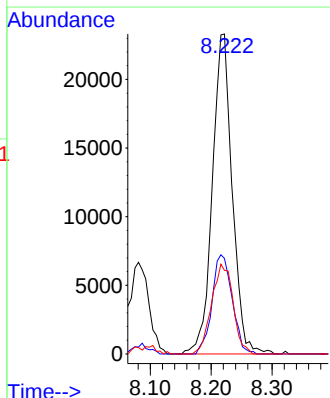
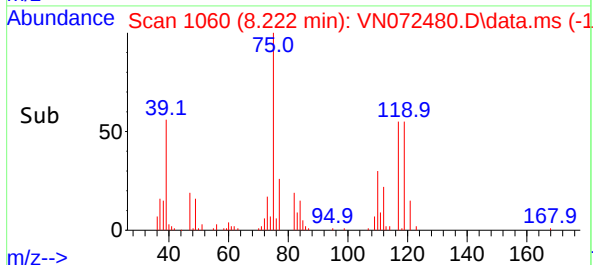
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

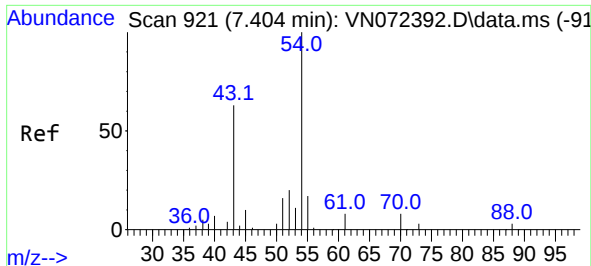


#36
1,1-Dichloropropene
Concen: 20.229 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25



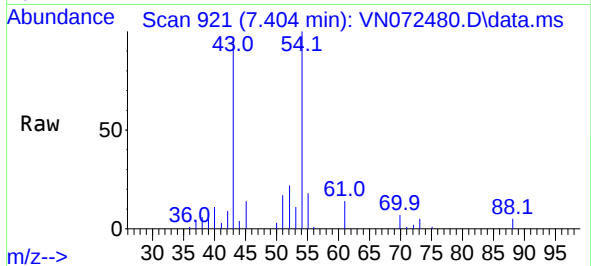
Tgt Ion: 75 Resp: 52790
Ion Ratio Lower Upper
75 100
110 31.5 18.3 54.8
77 30.3 25.1 37.7





#37
Ethyl Acetate
Concen: 20.839 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

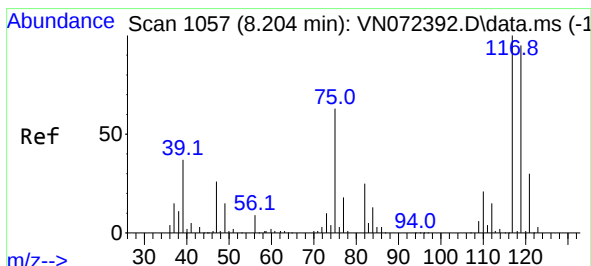
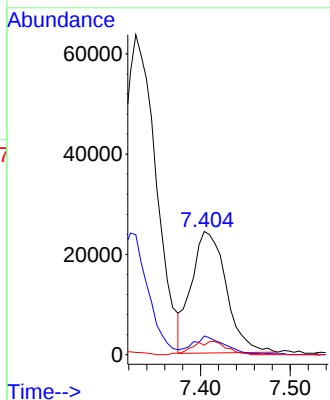
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01



Tgt Ion: 43 Resp: 65248
Ion Ratio Lower Upper
43 100
61 13.1 11.8 17.6
70 10.5 9.3 13.9

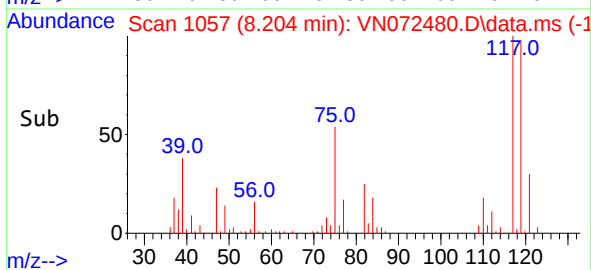
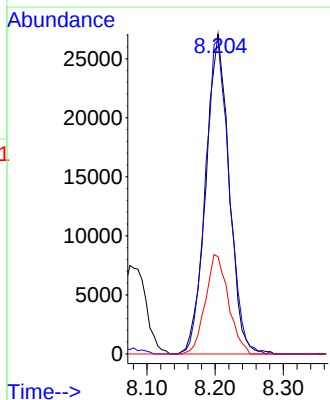
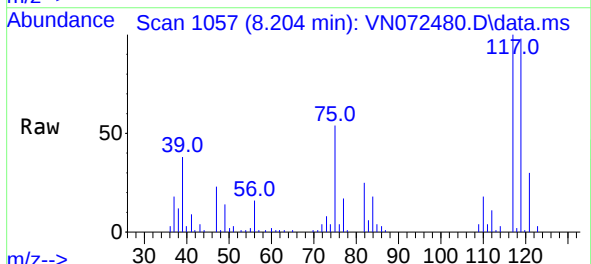
Manual Integrations
APPROVED

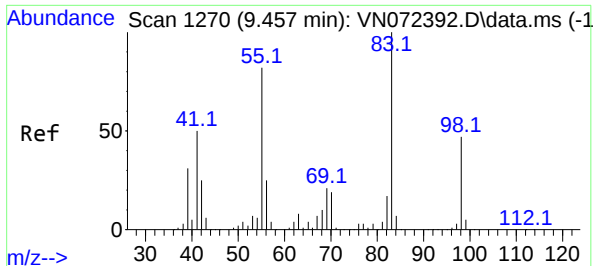
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#38
Carbon Tetrachloride
Concen: 22.142 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

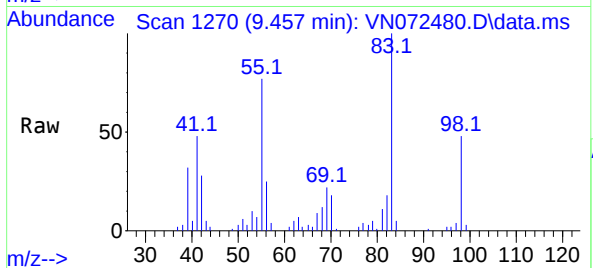
Tgt Ion: 117 Resp: 64670
Ion Ratio Lower Upper
117 100
119 98.0 75.8 113.8
121 30.4 24.6 37.0





#39
Methylcyclohexane
Concen: 19.936 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

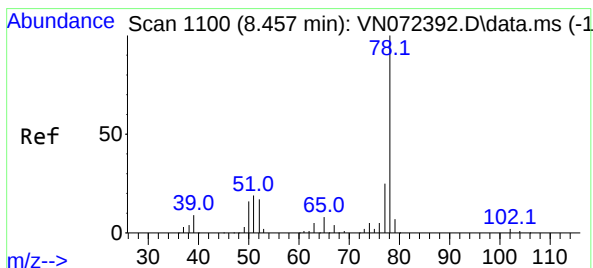
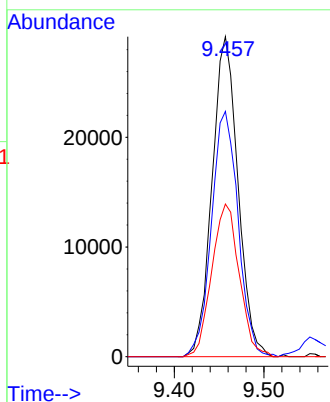
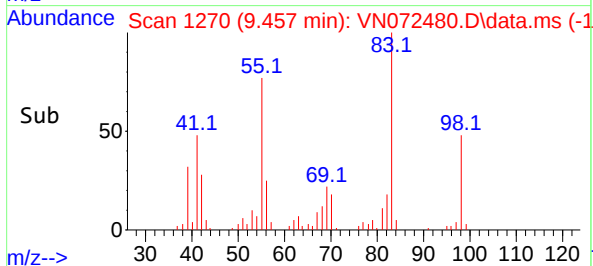
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01



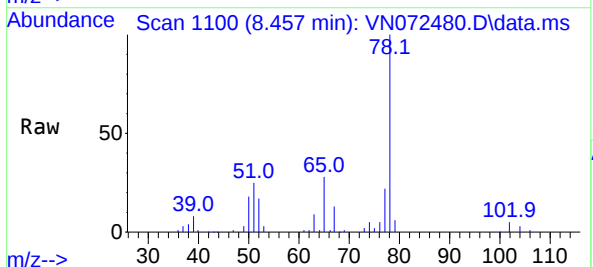
Tgt Ion: 83 Resp: 58470
Ion Ratio Lower Upper
83 100
55 76.6 57.8 86.8
98 47.7 39.4 59.2

Manual Integrations
APPROVED

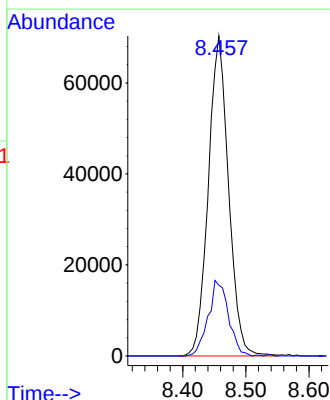
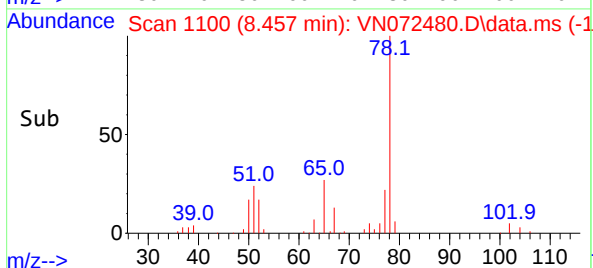
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

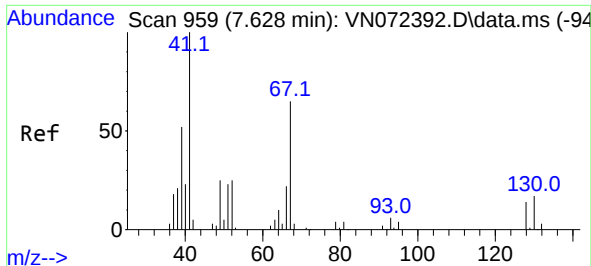


#40
Benzene
Concen: 20.050 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25



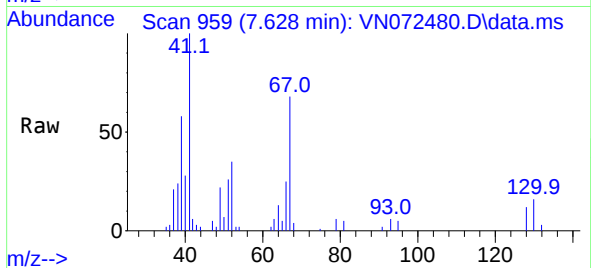
Tgt Ion: 78 Resp: 156306
Ion Ratio Lower Upper
78 100
77 22.1 19.4 29.0





#41
Methacrylonitrile
Concen: 21.772 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

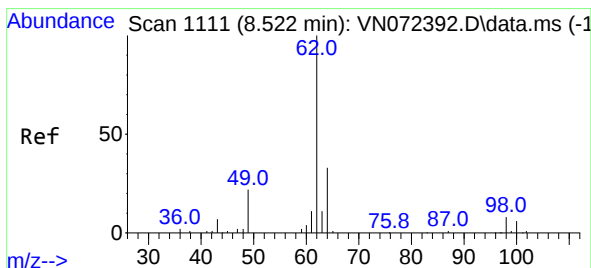
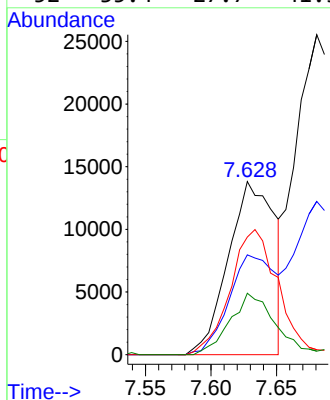
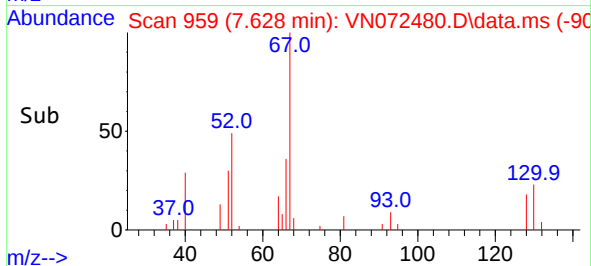
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01



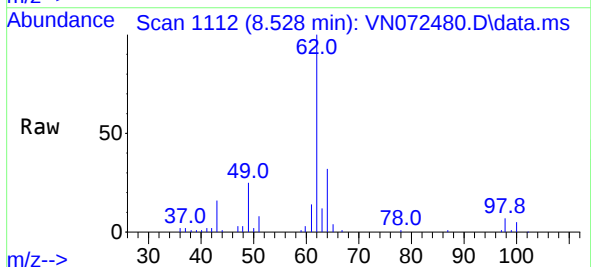
Tgt Ion: 41 Resp: 3375
Ion Ratio Lower Upper
41 100
39 57.6 48.6 73.0
67 75.0 73.4 110.2
52 35.4 27.7 41.5

Manual Integrations
APPROVED

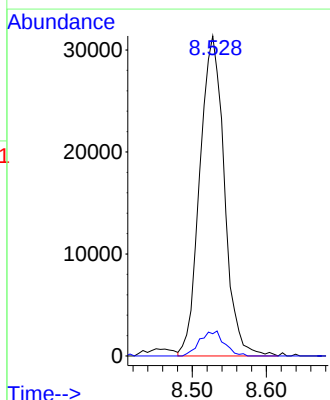
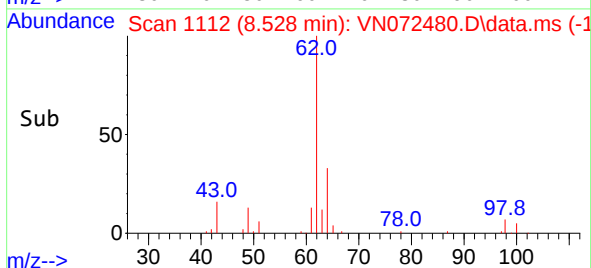
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

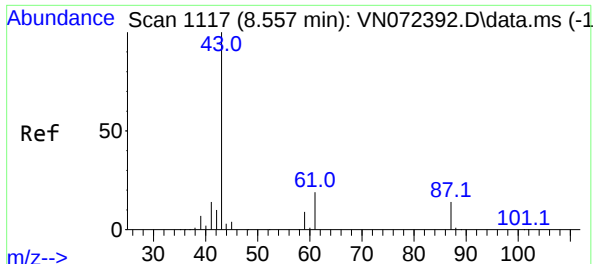


#42
1,2-Dichloroethane
Concen: 22.981 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25



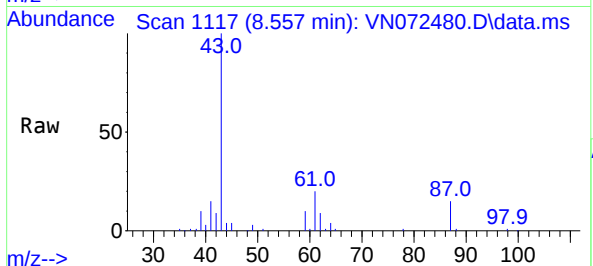
Tgt Ion: 62 Resp: 72010
Ion Ratio Lower Upper
62 100
98 7.8 0.0 19.4





#43
Isopropyl Acetate
Concen: 21.488 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

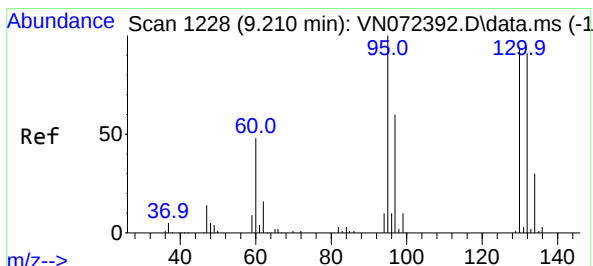
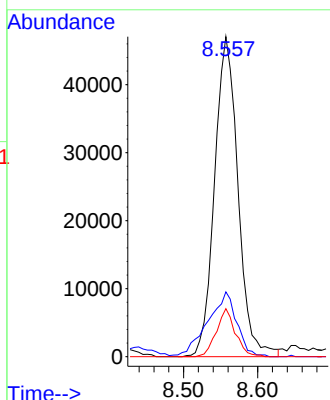
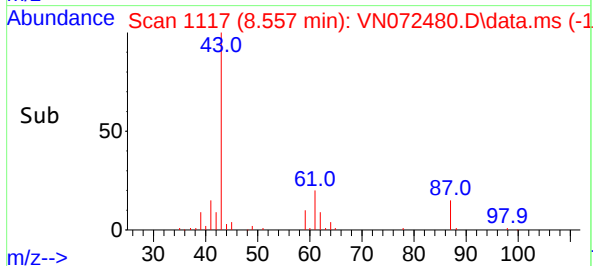
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01



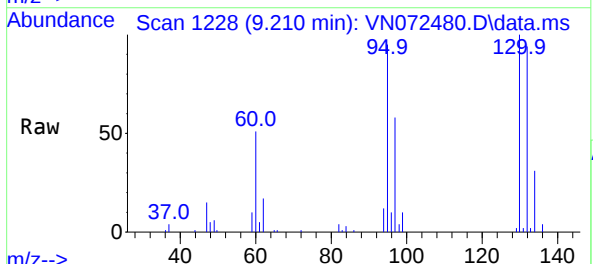
Tgt Ion: 43 Resp: 10334
Ion Ratio Lower Upper
43 100
61 25.2 21.9 32.9
87 12.2 12.0 18.0

Manual Integrations
APPROVED

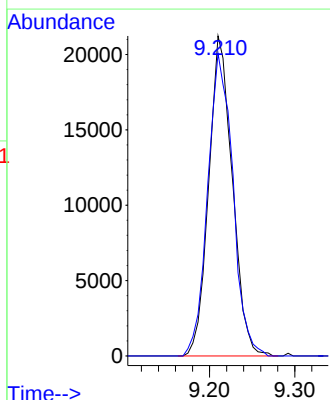
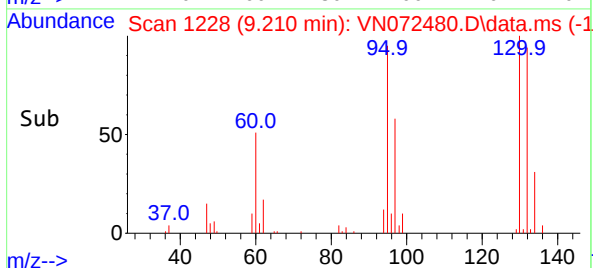
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

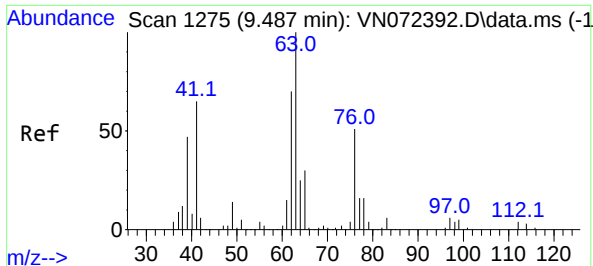


#44
Trichloroethene
Concen: 20.664 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25



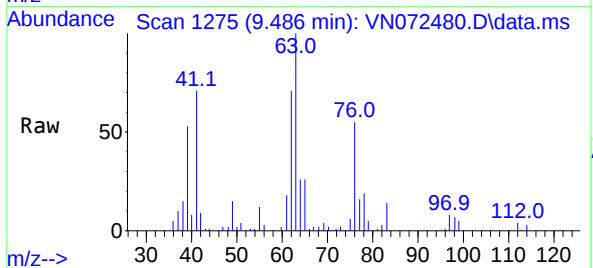
Tgt Ion:130 Resp: 40896
Ion Ratio Lower Upper
130 100
95 94.6 0.0 186.8





#45
1,2-Dichloropropane
Concen: 20.013 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. -0.001 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

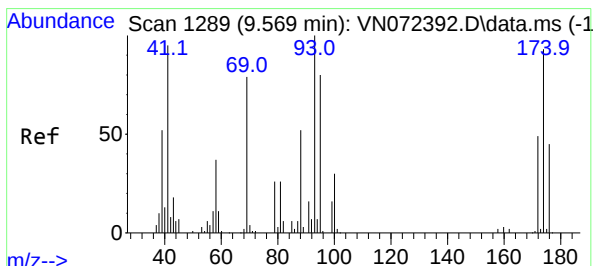
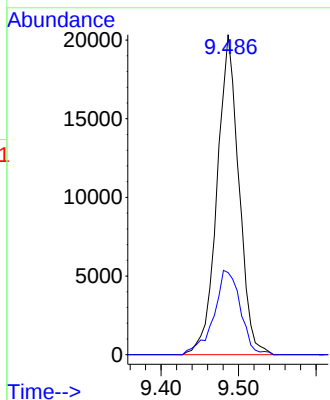
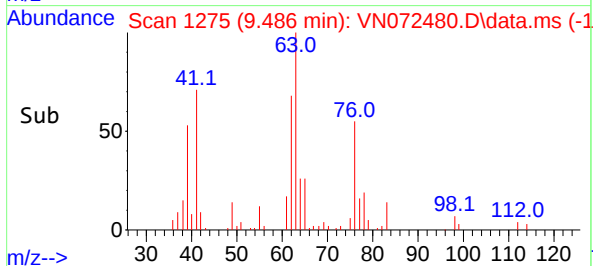
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01



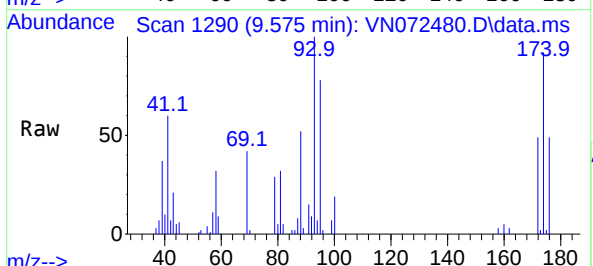
Tgt Ion: 63 Resp: 3984
Ion Ratio Lower Upper
63 100
65 25.7 24.9 37.3

Manual Integrations
APPROVED

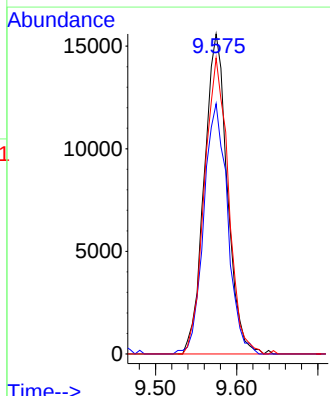
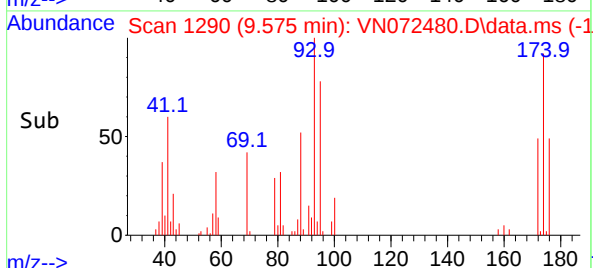
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

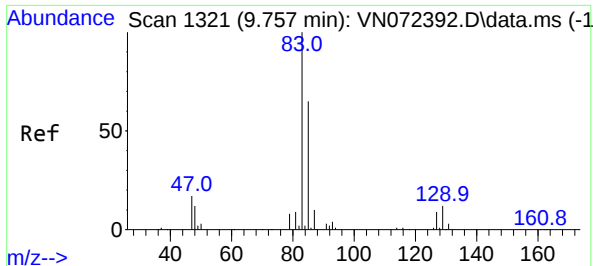


#46
Dibromomethane
Concen: 22.206 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.006 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25



Tgt Ion: 93 Resp: 30783
Ion Ratio Lower Upper
93 100
95 80.8 66.9 100.3
174 96.0 86.6 130.0





#47
Bromodichloromethane
Concen: 22.171 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

Instrument :

MSVOA_N

ClientSampleId :

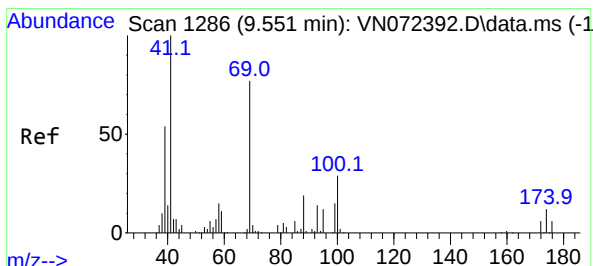
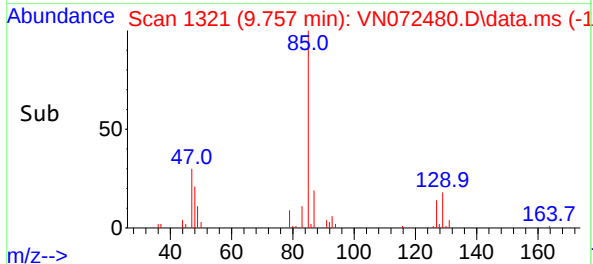
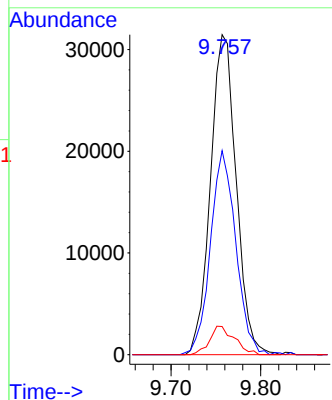
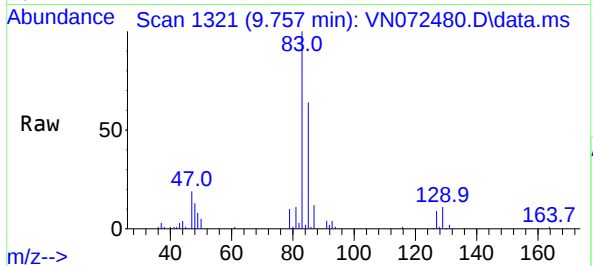
VN0513WBSD01

Tgt Ion: 83 Resp: 62658
Ion Ratio Lower Upper
83 100
85 63.8 50.5 75.7
127 8.8 6.8 10.2

Manual Integrations

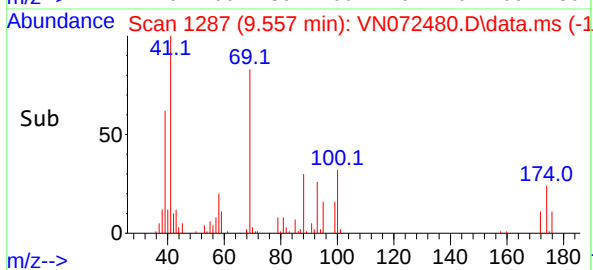
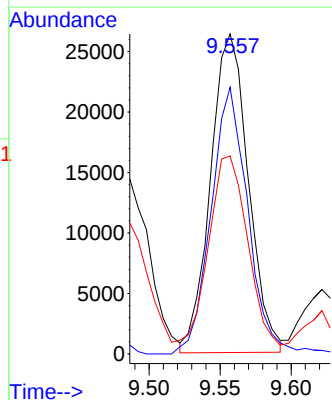
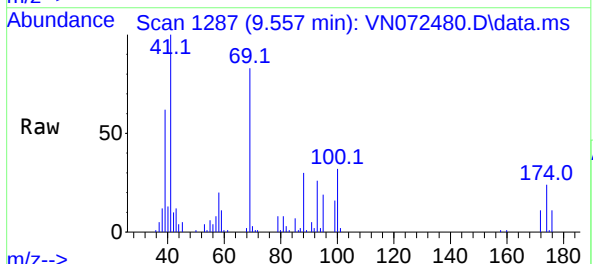
APPROVED

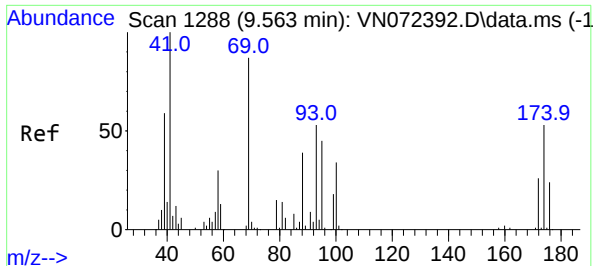
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#48
Methyl methacrylate
Concen: 21.747 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

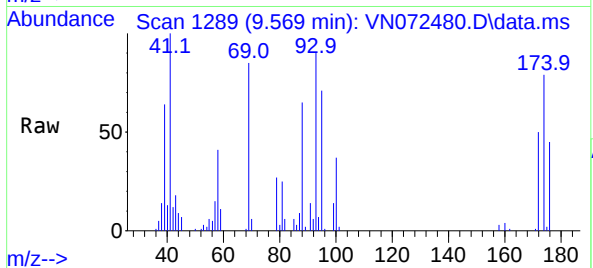
Tgt Ion: 41 Resp: 48796
Ion Ratio Lower Upper
41 100
69 82.2 74.7 112.1
39 66.4 45.6 68.4





#49
1,4-Dioxane
Concen: 520.116 ug/l
RT: 9.569 min Scan# 1288
Delta R.T. 0.006 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

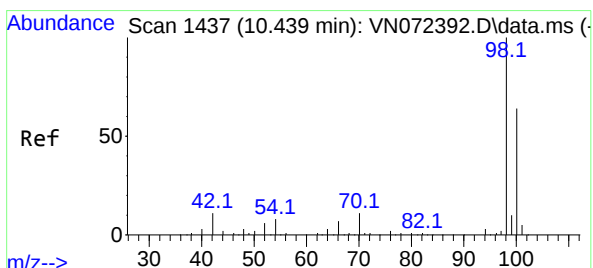
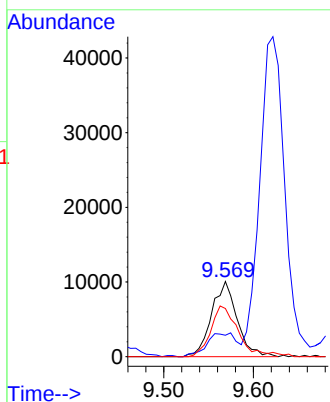
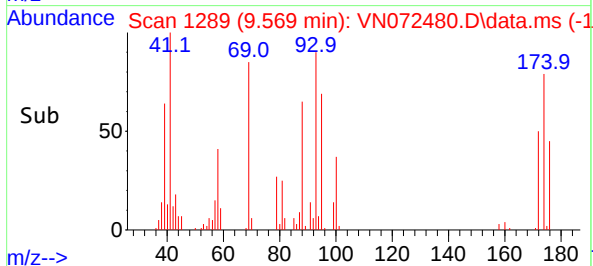
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01



Tgt Ion: 88 Resp: 19908
Ion Ratio Lower Upper
88 100
43 36.7 20.2 30.4
58 73.4 54.2 81.4

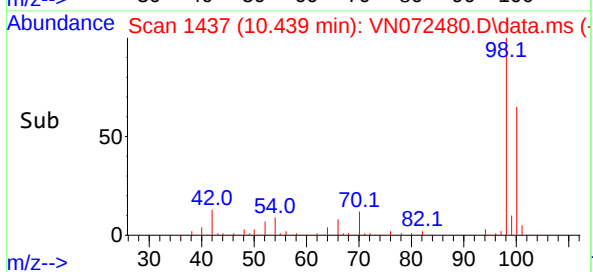
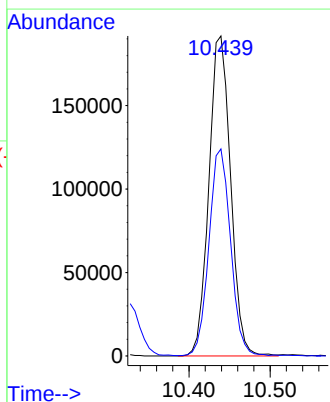
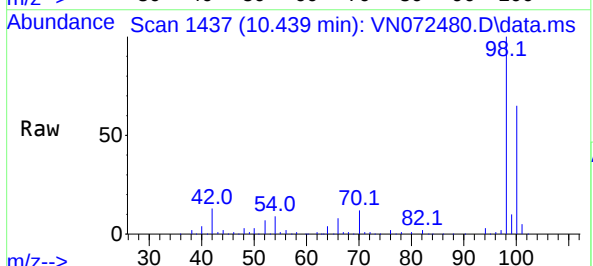
Manual Integrations
APPROVED

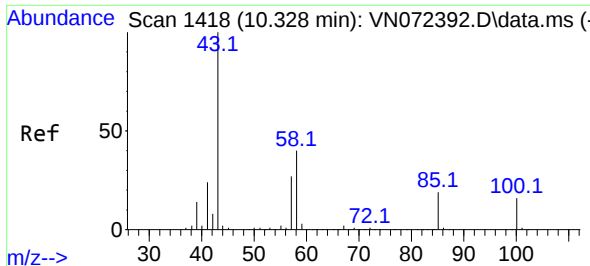
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#50
Toluene-d8
Concen: 51.528 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

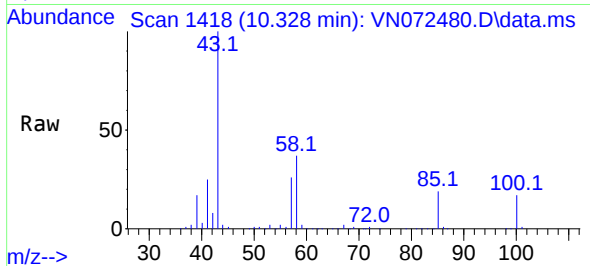
Tgt Ion: 98 Resp: 356569
Ion Ratio Lower Upper
98 100
100 64.8 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 111.353 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

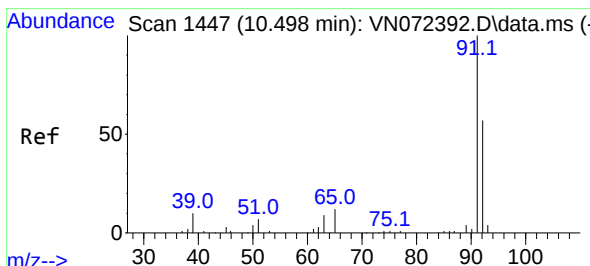
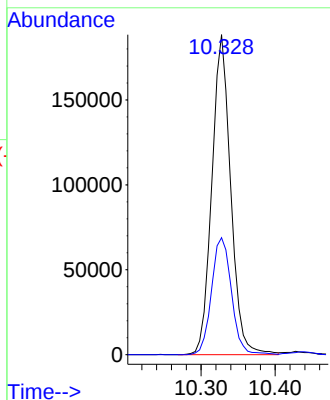
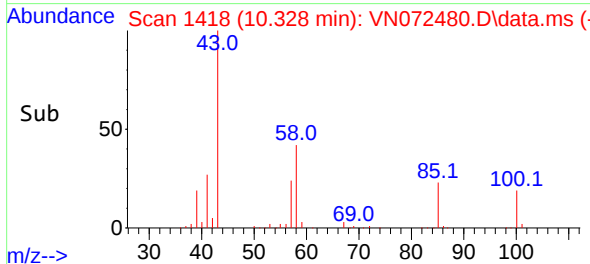
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01



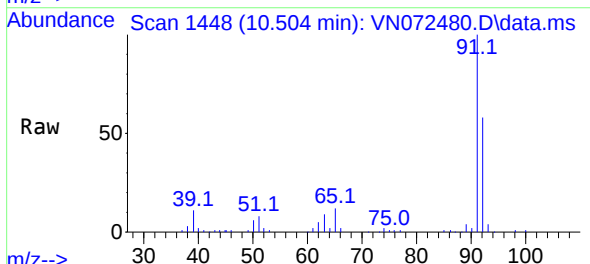
Tgt Ion: 43 Resp: 33253
Ion Ratio Lower Upper
43 100
58 38.7 34.1 51.1

Manual Integrations
APPROVED

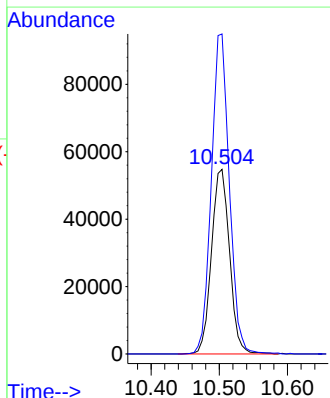
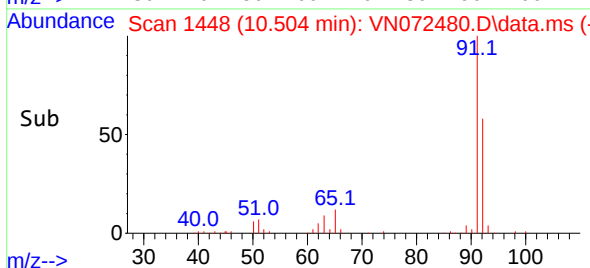
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

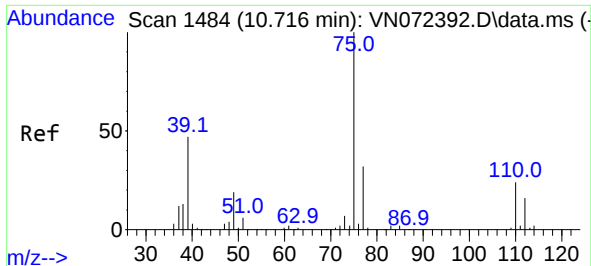


#52
Toluene
Concen: 21.054 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25



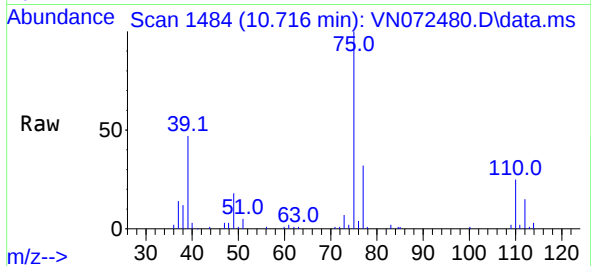
Tgt Ion: 92 Resp: 101208
Ion Ratio Lower Upper
92 100
91 172.4 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 21.991 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

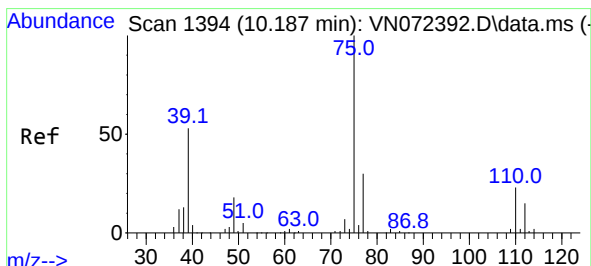
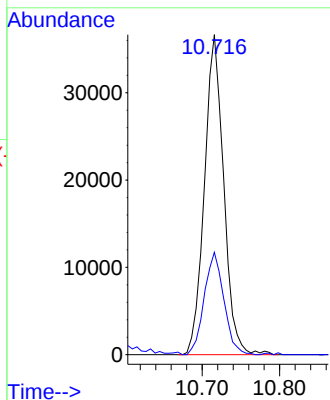
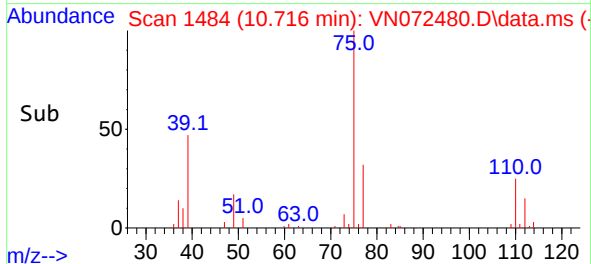
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01



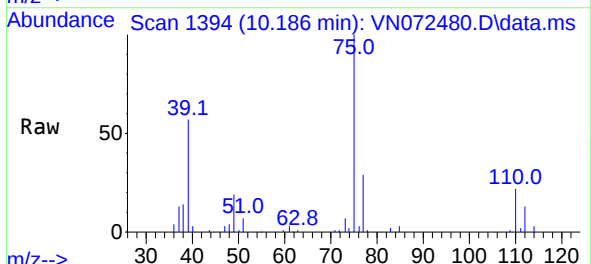
Tgt Ion: 75 Resp: 6326
Ion Ratio Lower Upper
75 100
77 31.4 25.6 38.4

Manual Integrations
APPROVED

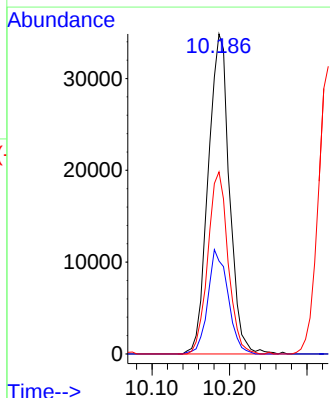
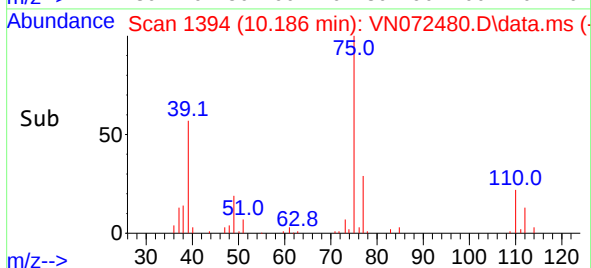
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

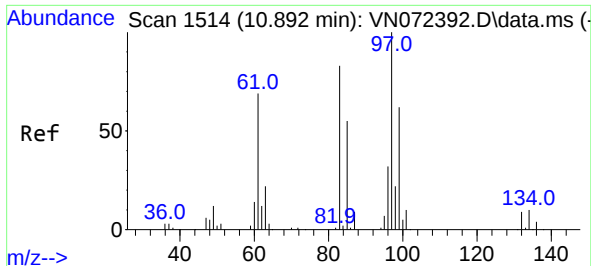


#54
cis-1,3-Dichloropropene
Concen: 21.570 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. -0.001 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25



Tgt Ion: 75 Resp: 66203
Ion Ratio Lower Upper
75 100
77 29.1 25.2 37.8
39 56.9 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 20.823 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

Instrument :

MSVOA_N

ClientSampleId :

VN0513WBSD01

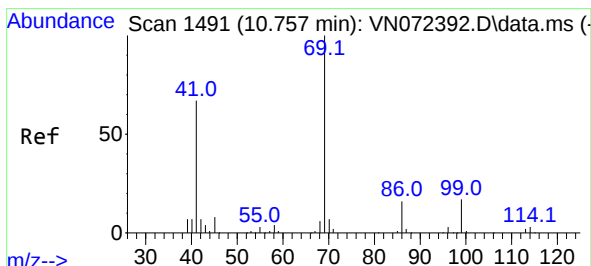
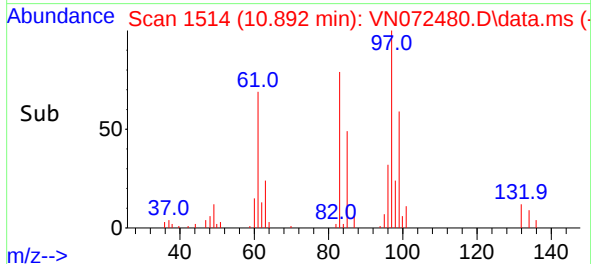
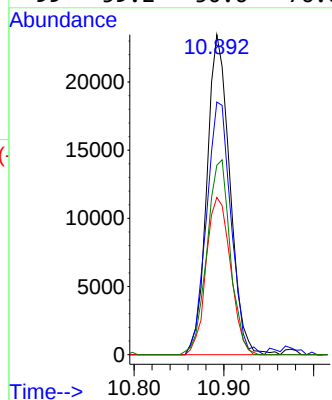
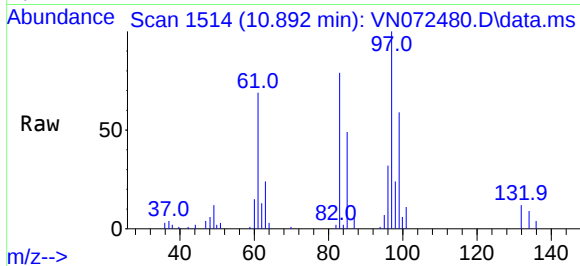
Tgt Ion:	97	Resp:	41699
Ion	Ratio	Lower	Upper
97	100		
83	78.9	66.2	99.4
85	49.2	43.9	65.9
99	59.2	50.6	76.0

Manual Integrations

APPROVED

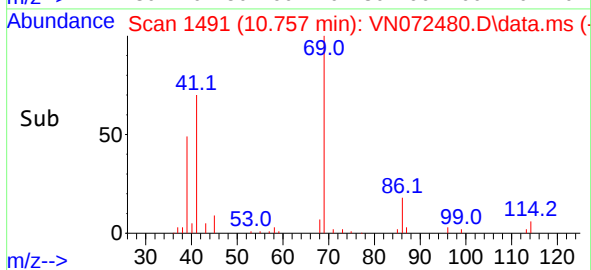
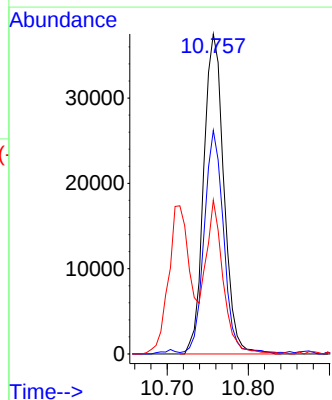
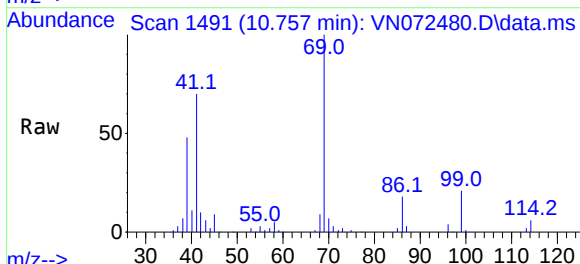
Reviewed By :John Carlone 05/16/2022

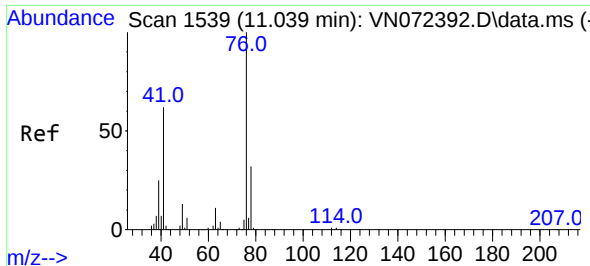
Supervised By :Mahesh Dadoda 05/16/2022



#56
Ethyl methacrylate
Concen: 22.532 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

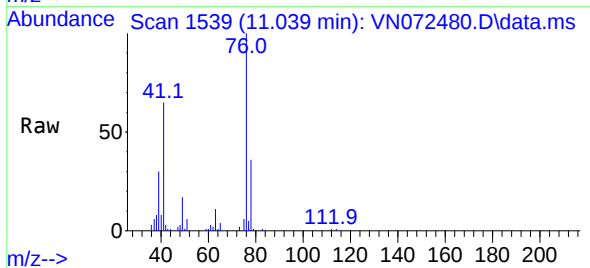
Tgt Ion:	69	Resp:	64669
Ion	Ratio	Lower	Upper
69	100		
41	65.9	47.8	71.6
39	41.2	27.3	40.9





#57
1,3-Dichloropropane
Concen: 20.861 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

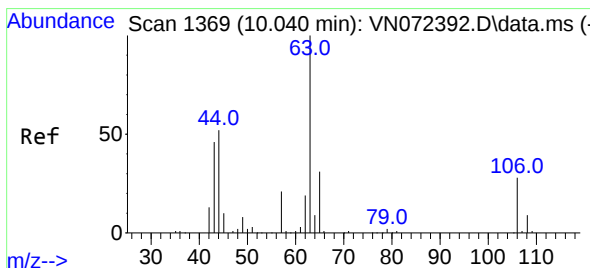
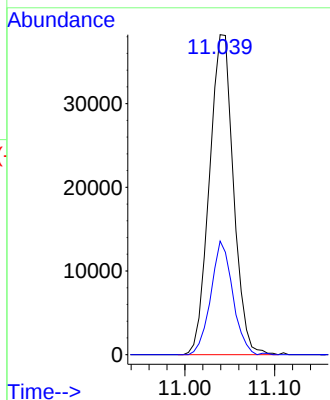
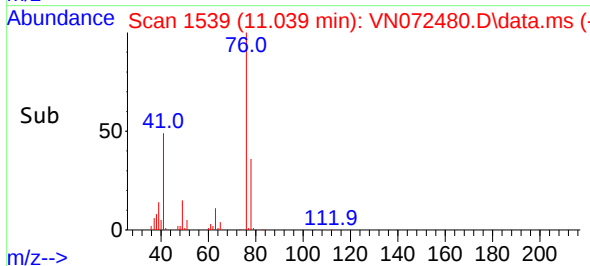
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01



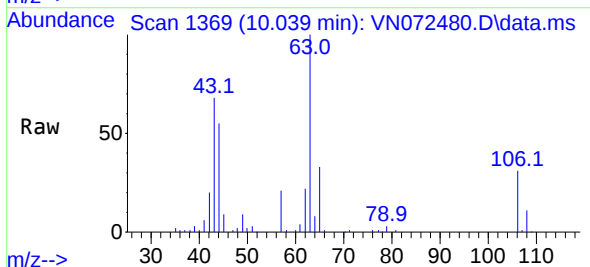
Tgt Ion: 76 Resp: 7113
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.2

Manual Integrations
APPROVED

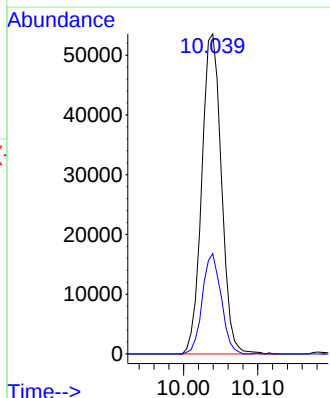
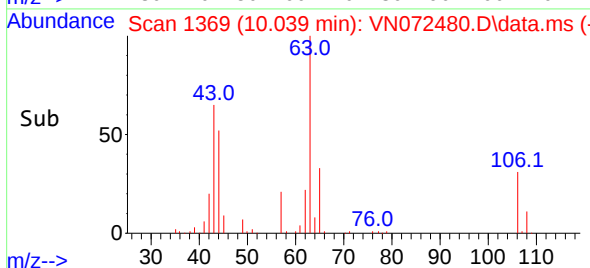
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

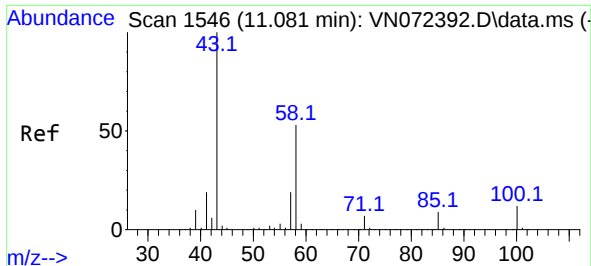


#58
2-Chloroethyl Vinyl ether
Concen: 135.589 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. -0.001 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25



Tgt Ion: 63 Resp: 98583
Ion Ratio Lower Upper
63 100
106 29.9 24.6 36.8





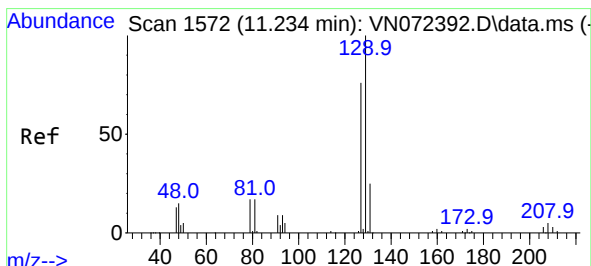
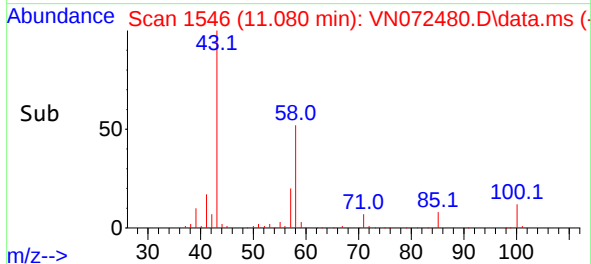
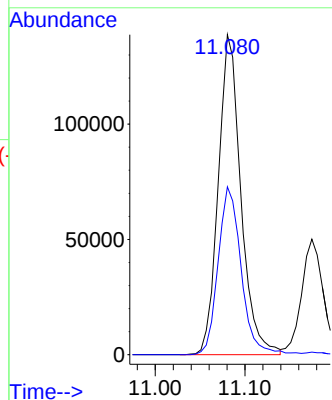
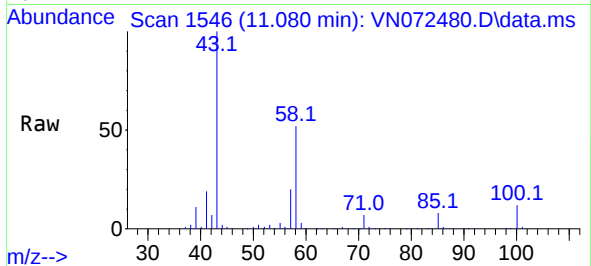
#59
2-Hexanone
Concen: 116.013 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

Tgt Ion: 43 Resp: 242928
Ion Ratio Lower Upper
43 100
58 53.5 29.7 89.1

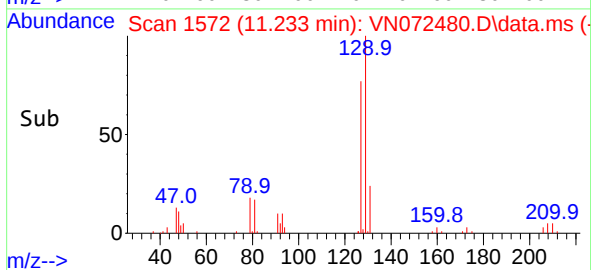
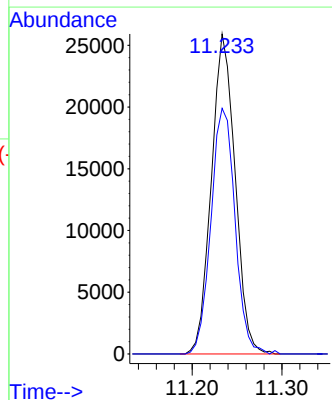
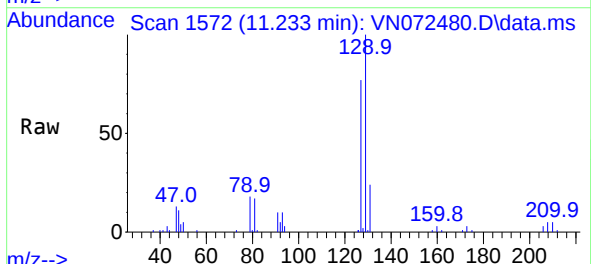
Manual Integrations
APPROVED

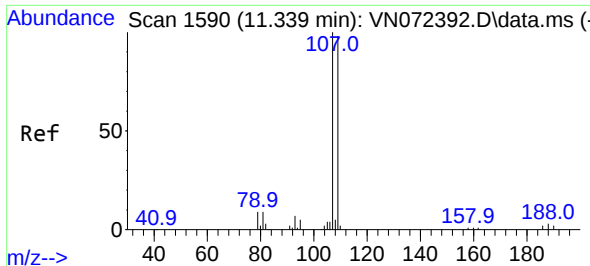
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#60
Dibromochloromethane
Concen: 22.397 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. -0.001 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

Tgt Ion:129 Resp: 47646
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4





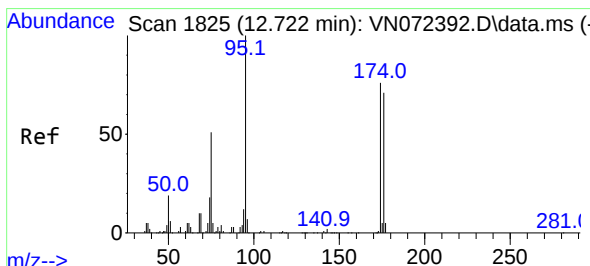
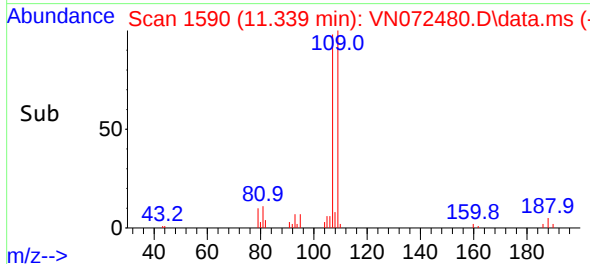
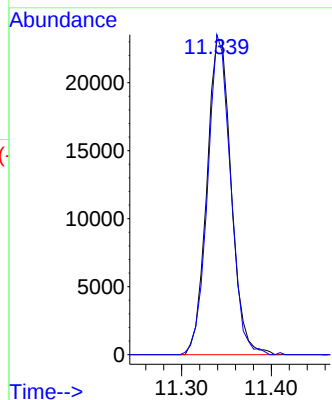
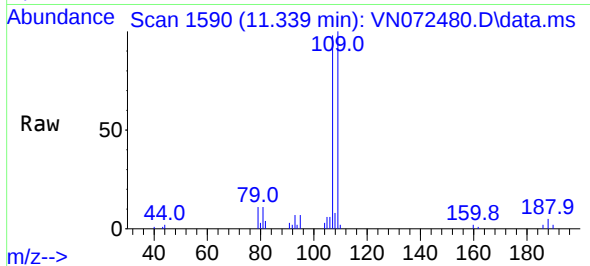
#61
1,2-Dibromoethane
Concen: 21.941 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

Tgt Ion:107 Resp: 43788
Ion Ratio Lower Upper
107 100
109 95.7 75.0 112.6

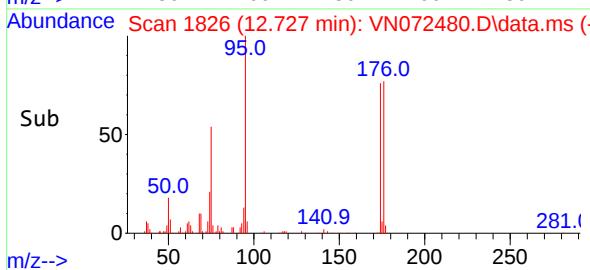
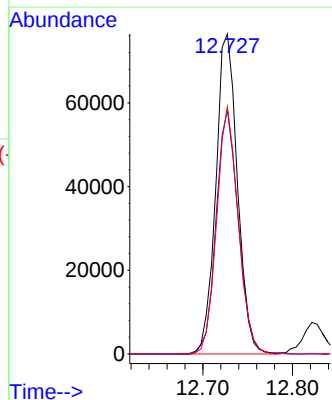
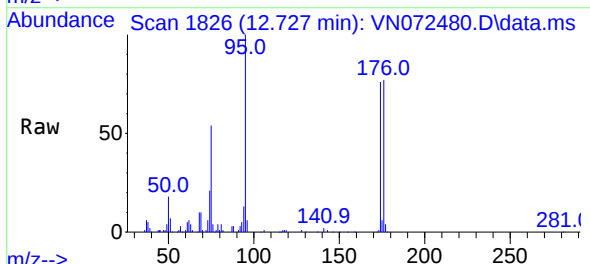
Manual Integrations
APPROVED

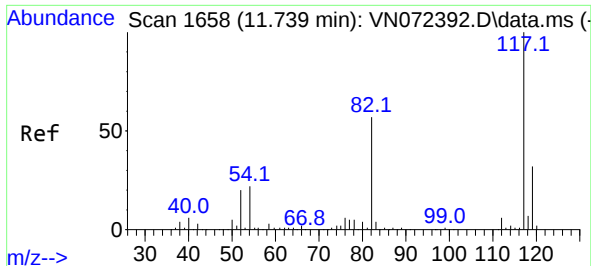
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#62
4-Bromofluorobenzene
Concen: 55.966 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

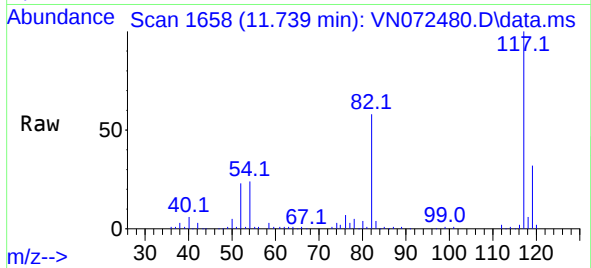
Tgt Ion: 95 Resp: 128617
Ion Ratio Lower Upper
95 100
174 77.2 0.0 167.6
176 76.3 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

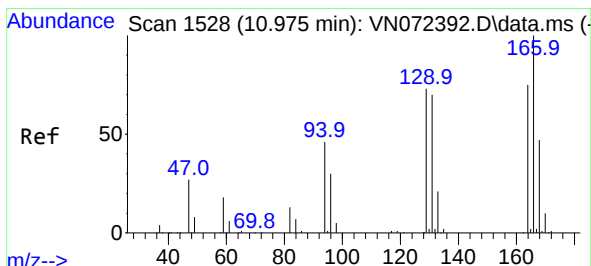
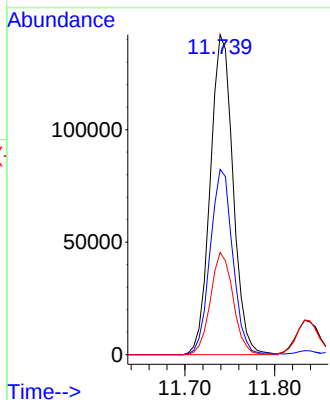
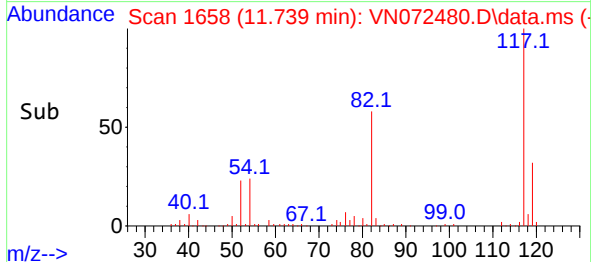
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01



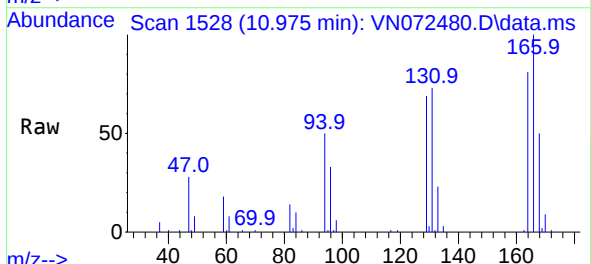
Tgt Ion:117 Resp: 250738
Ion Ratio Lower Upper
117 100
82 57.9 44.2 66.2
119 32.0 25.4 38.0

Manual Integrations
APPROVED

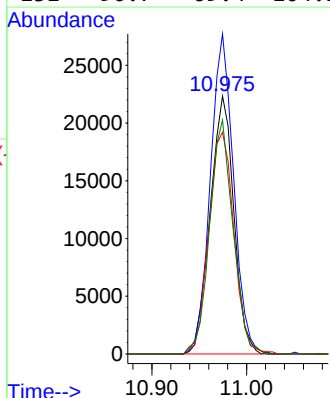
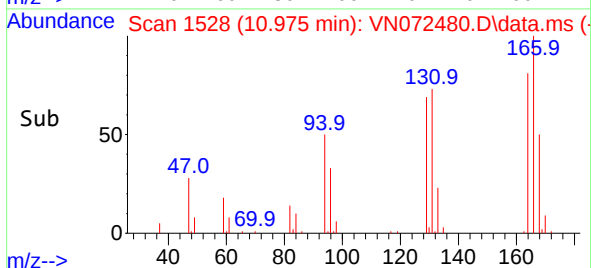
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

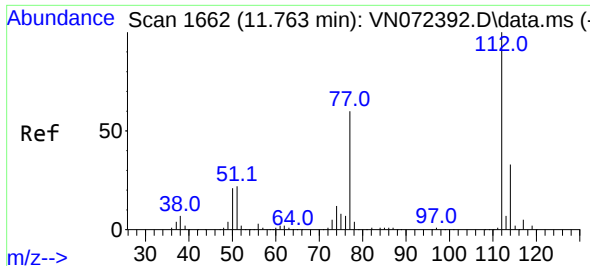


#64
Tetrachloroethene
Concen: 21.507 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25



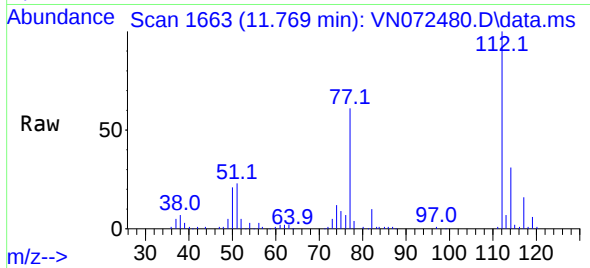
Tgt Ion:164 Resp: 38816
Ion Ratio Lower Upper
164 100
166 124.1 104.2 156.2
129 86.0 73.9 110.9
131 90.7 69.4 104.2





#65
Chlorobenzene
Concen: 20.941 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

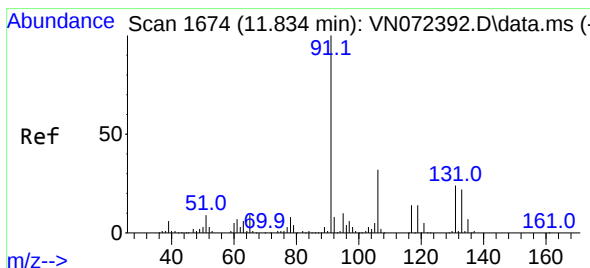
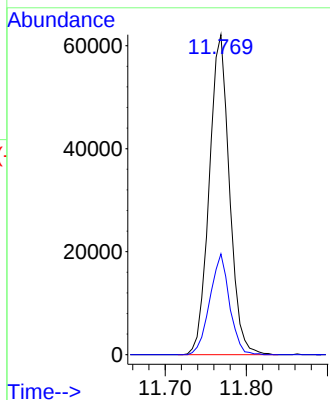
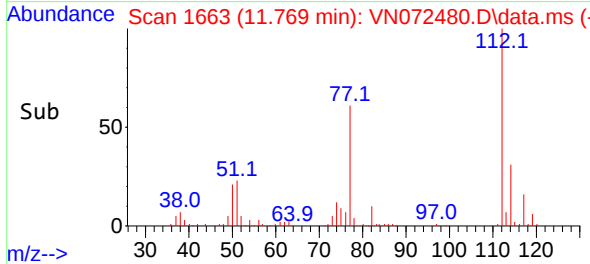
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01



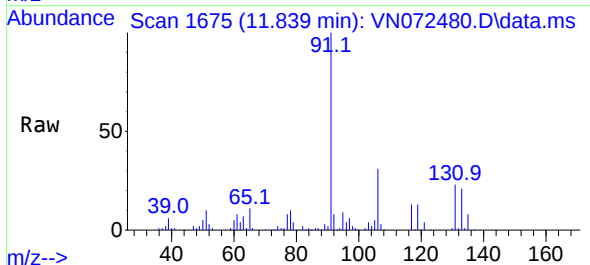
Tgt Ion:112 Resp: 107270
Ion Ratio Lower Upper
112 100
114 31.5 25.4 38.2

Manual Integrations
APPROVED

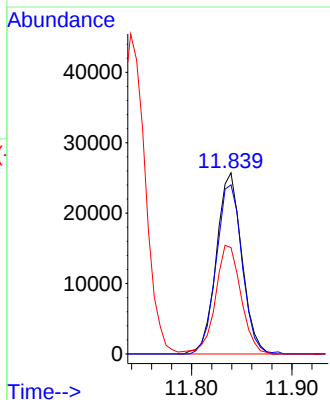
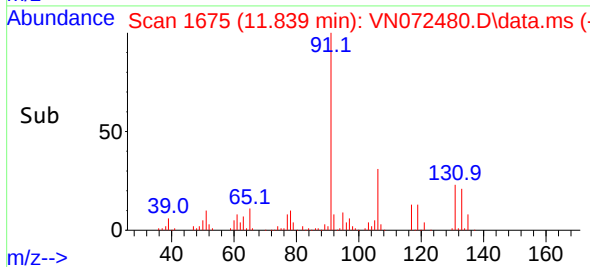
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

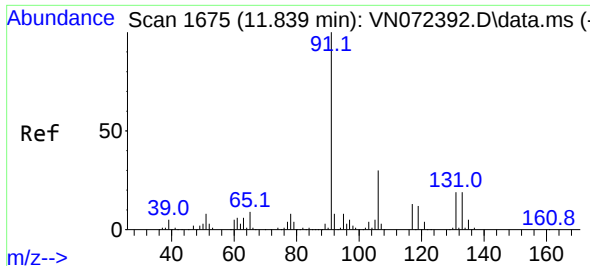


#66
1,1,1,2-Tetrachloroethane
Concen: 22.023 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.005 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25



Tgt Ion:131 Resp: 45156
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.4
119 60.3 33.4 100.2





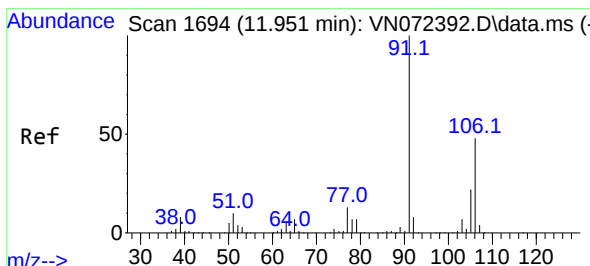
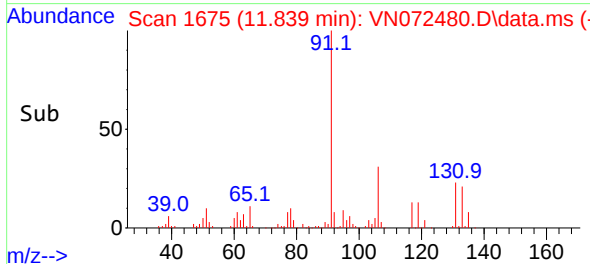
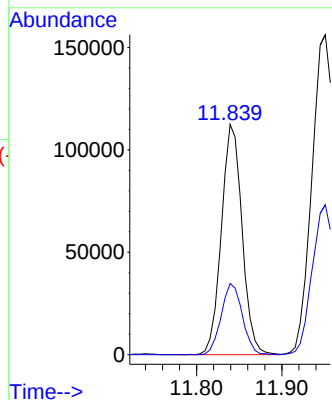
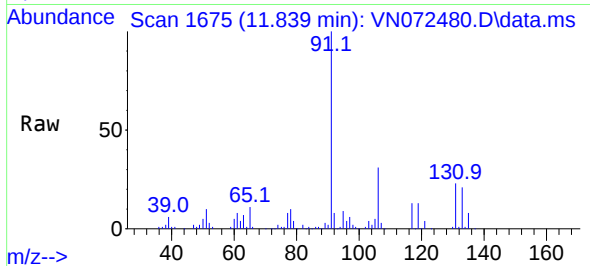
#67
Ethyl Benzene
Concen: 21.452 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

Tgt Ion: 91 Resp: 189600
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3

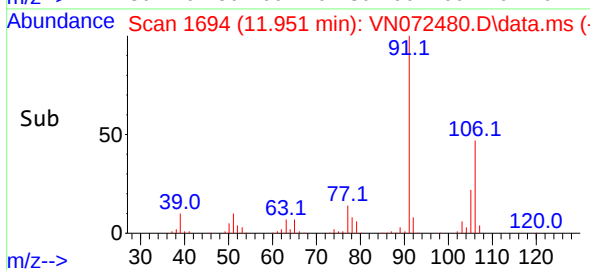
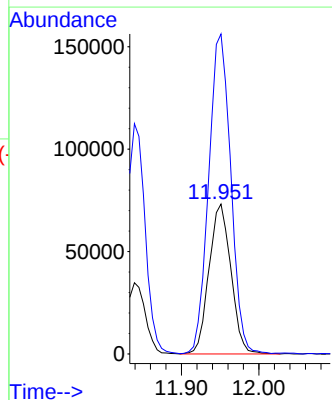
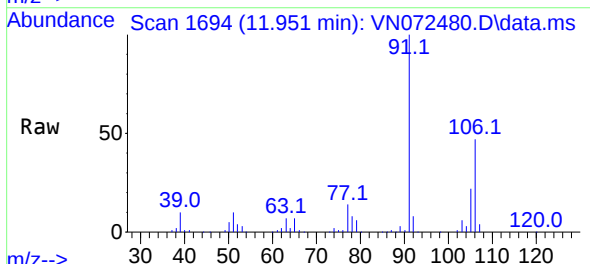
Manual Integrations
APPROVED

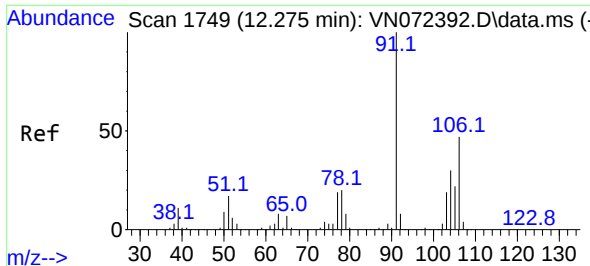
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#68
m/p-Xylenes
Concen: 42.860 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

Tgt Ion:106 Resp: 143678
Ion Ratio Lower Upper
106 100
91 214.9 158.9 238.3





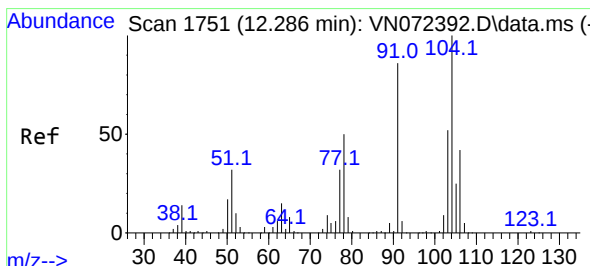
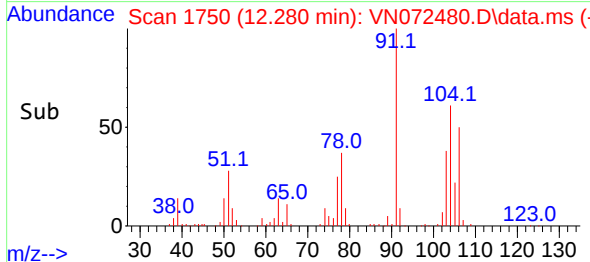
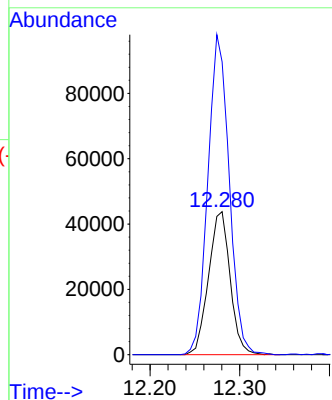
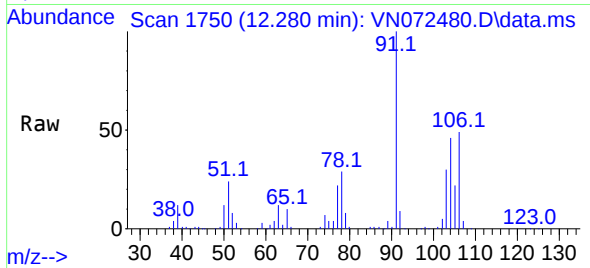
#69
o-Xylene
Concen: 22.239 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.005 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

Tgt Ion:106 Resp: 73248
Ion Ratio Lower Upper
106 100
91 221.1 106.0 318.0

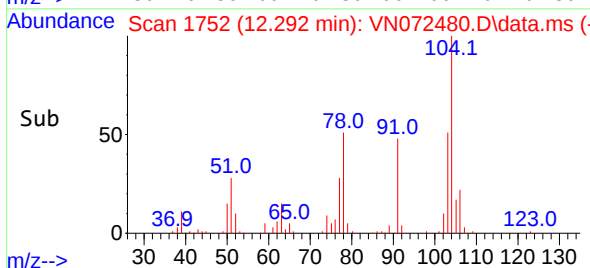
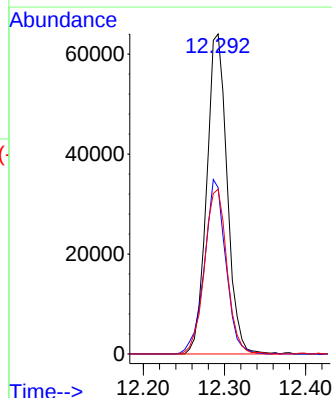
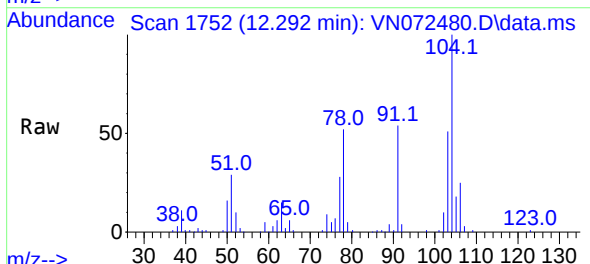
Manual Integrations
APPROVED

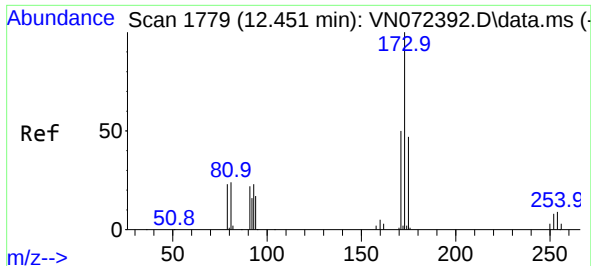
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#70
Styrene
Concen: 22.235 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

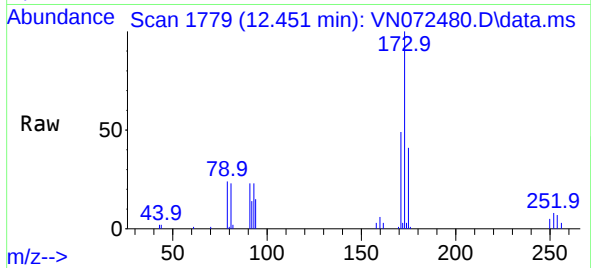
Tgt Ion:104 Resp: 112037
Ion Ratio Lower Upper
104 100
78 56.8 39.5 59.3
103 56.5 44.0 66.0





#71
Bromoform
Concen: 23.727 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

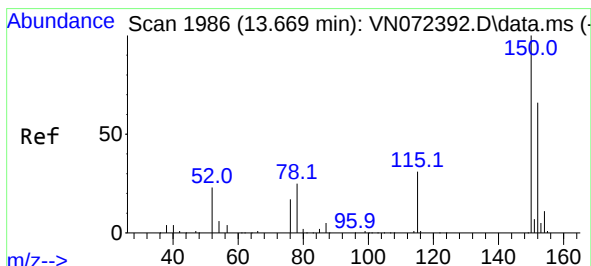
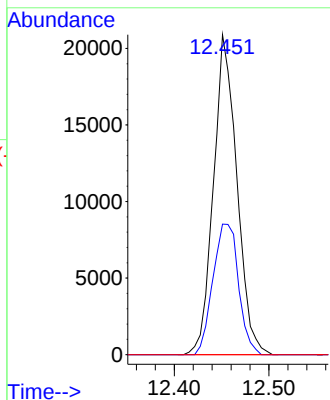
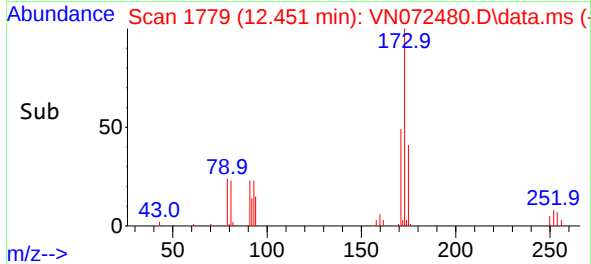
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01



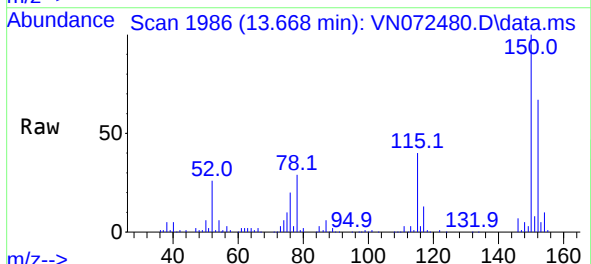
Tgt Ion:173 Resp: 3588
Ion Ratio Lower Upper
173 100
175 44.6 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

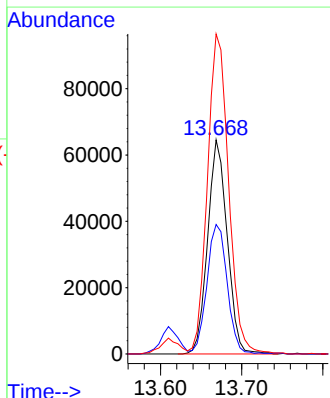
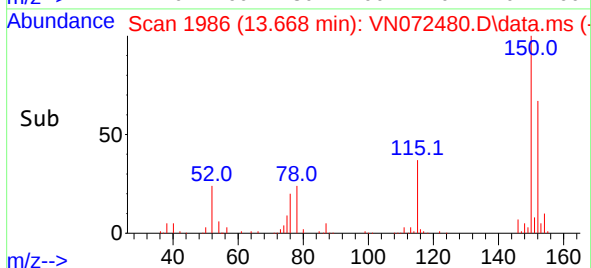
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

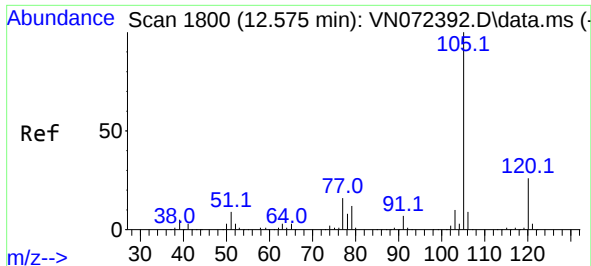


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25



Tgt Ion:152 Resp: 107998
Ion Ratio Lower Upper
152 100
115 62.0 28.9 86.7
150 162.0 0.0 356.2





#73
Isopropylbenzene
Concen: 21.211 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

Instrument :

MSVOA_N

ClientSampleId :

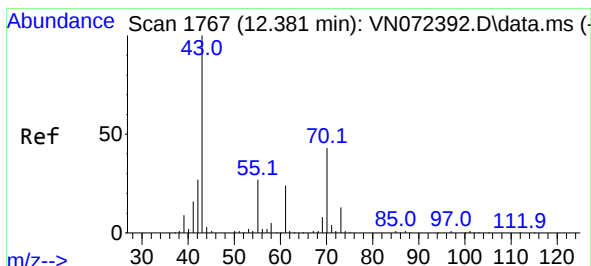
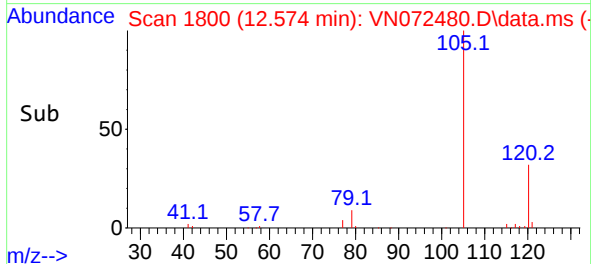
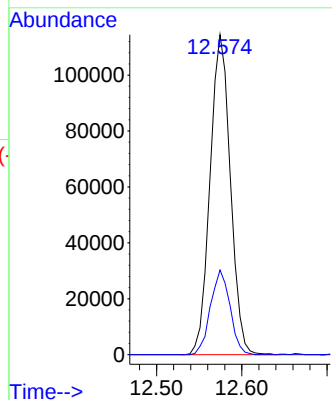
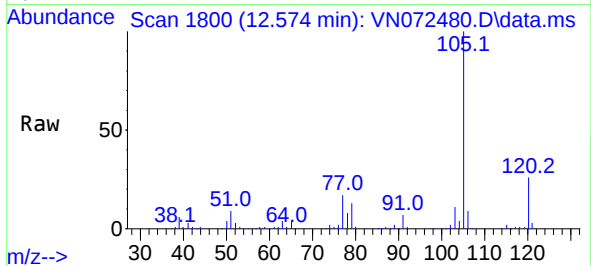
VN0513WBSD01

Tgt Ion:105 Resp: 18977
Ion Ratio Lower Upper
105 100
120 25.4 13.5 40.4

Manual Integrations

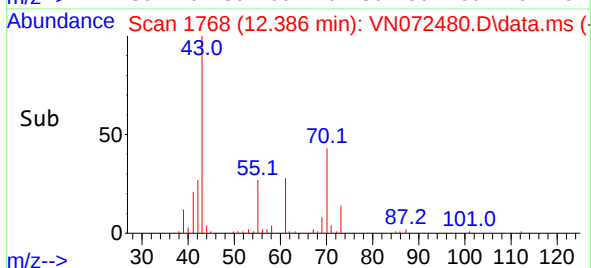
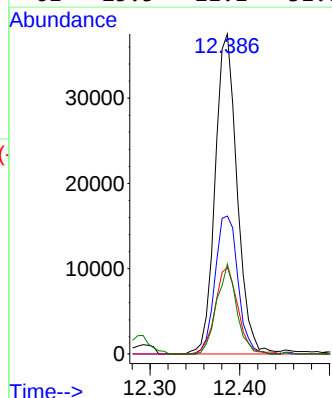
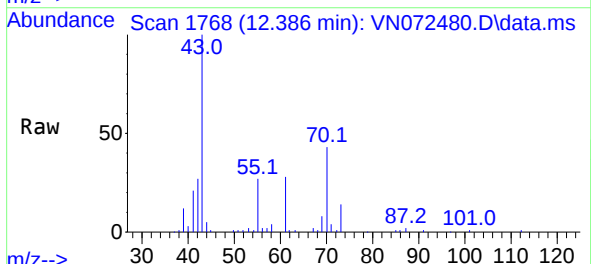
APPROVED

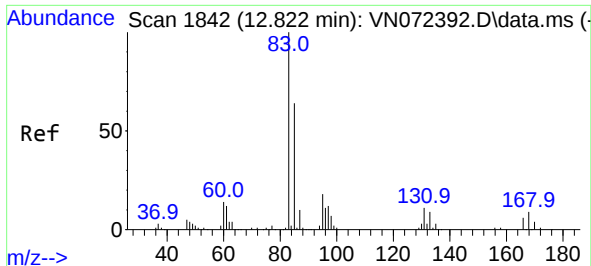
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#74
N-ethyl acetate
Concen: 20.224 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.005 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

Tgt Ion: 43 Resp: 63957
Ion Ratio Lower Upper
43 100
70 44.6 39.0 58.4
55 27.9 21.1 31.7
61 25.5 21.1 31.7





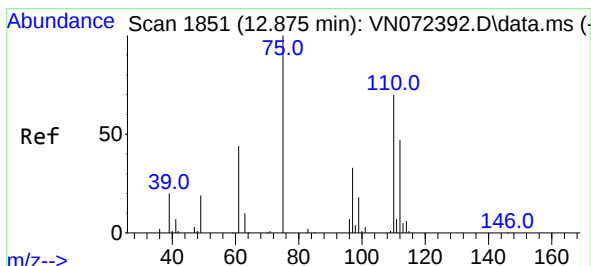
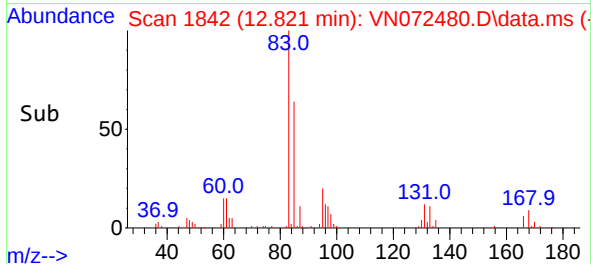
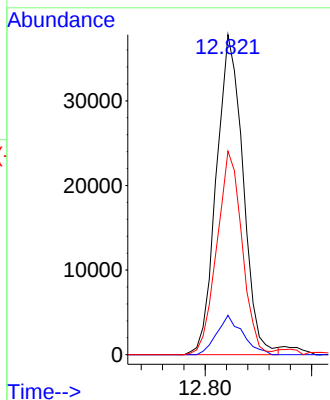
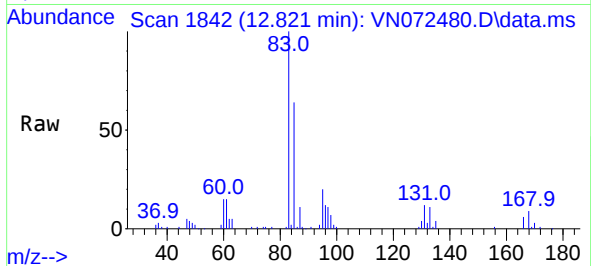
#75
1,1,2,2-Tetrachloroethane
Concen: 20.189 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

Tgt Ion: 83 Resp: 6557
Ion Ratio Lower Upper
83 100
131 11.9 5.3 15.9
85 60.3 32.3 96.9

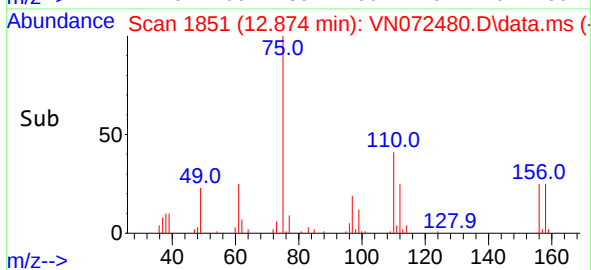
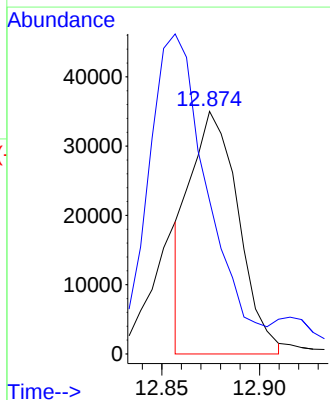
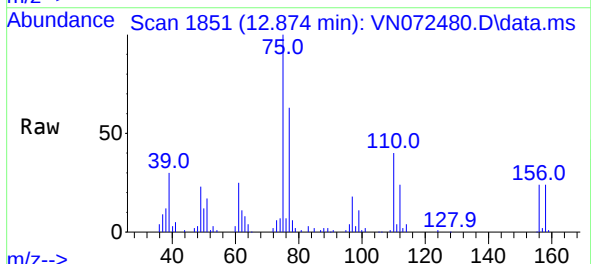
Manual Integrations
APPROVED

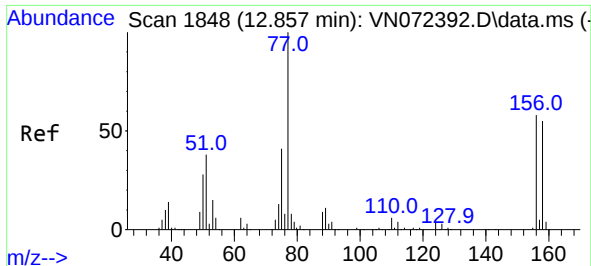
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#76
1,2,3-Trichloropropane
Concen: 21.526 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.001 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

Tgt Ion: 75 Resp: 60636
Ion Ratio Lower Upper
75 100
77 163.0 98.5 295.5





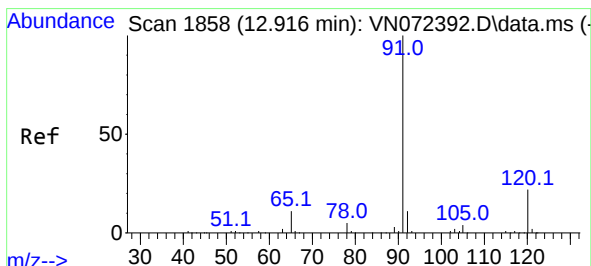
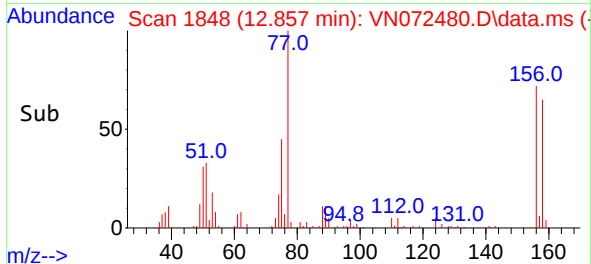
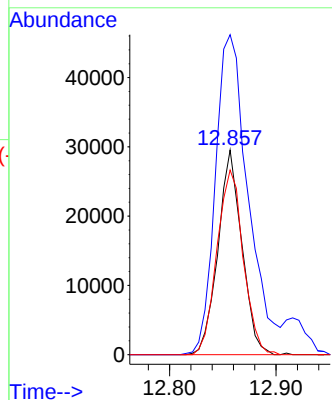
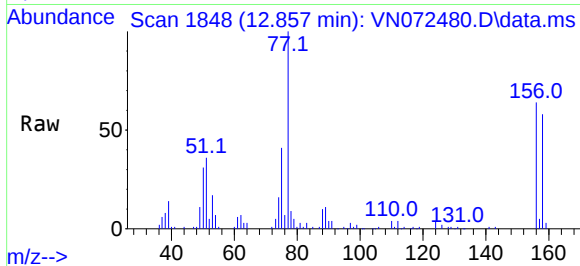
#77
Bromobenzene
Concen: 21.497 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

Tgt Ion:156 Resp: 46015
Ion Ratio Lower Upper
156 100
77 214.8 100.5 301.5
158 99.3 48.9 146.6

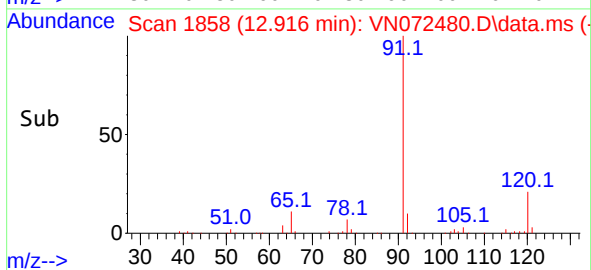
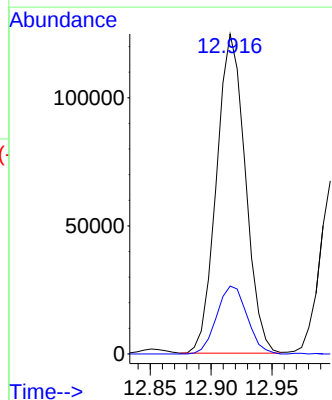
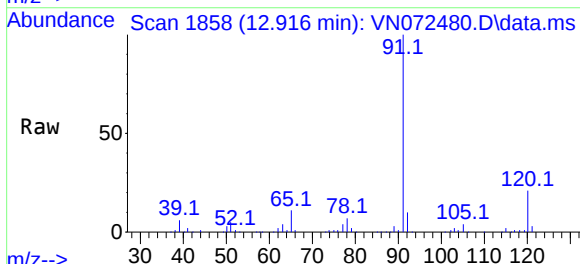
Manual Integrations
APPROVED

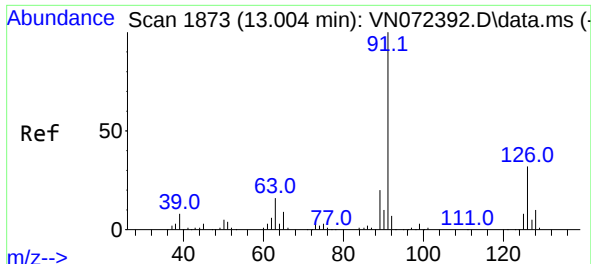
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#78
n-propylbenzene
Concen: 21.428 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

Tgt Ion: 91 Resp: 205146
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.5





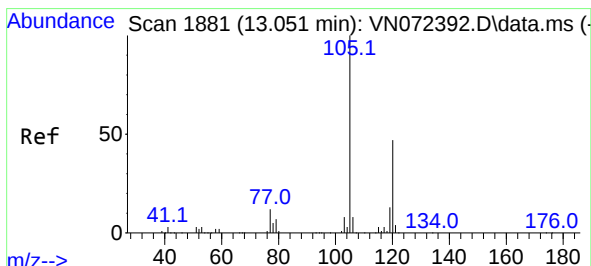
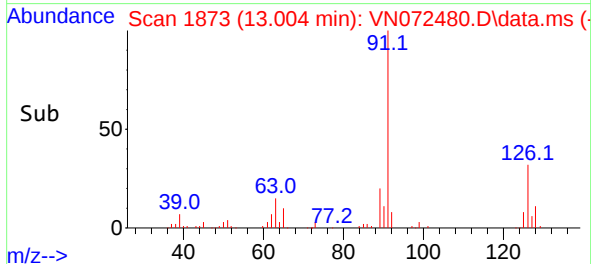
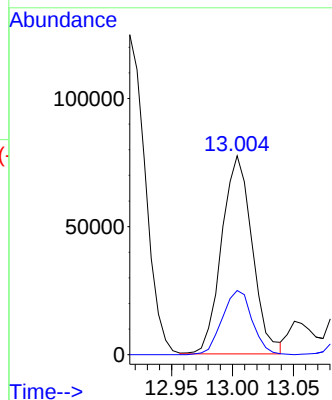
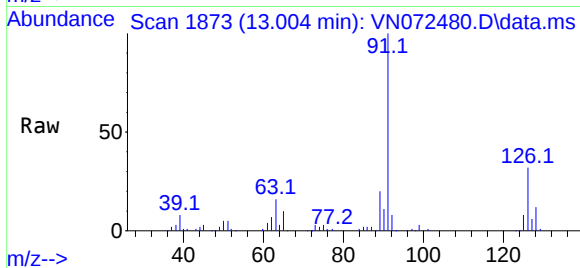
#79
2-Chlorotoluene
Concen: 21.480 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01

Tgt Ion: 91 Resp: 135098
Ion Ratio Lower Upper
91 100
126 31.7 17.3 51.9

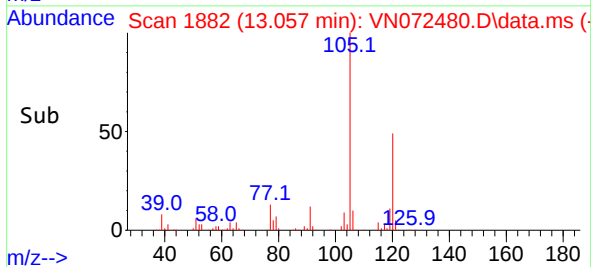
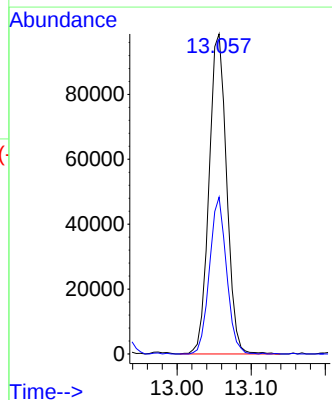
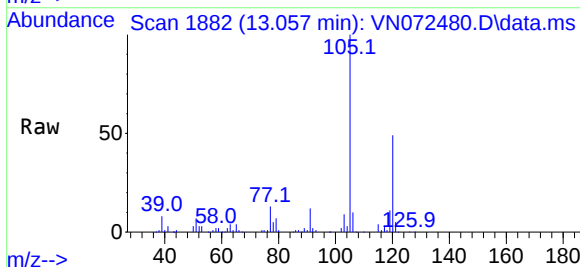
Manual Integrations
APPROVED

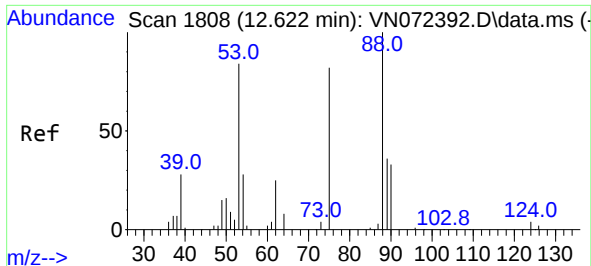
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 22.183 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

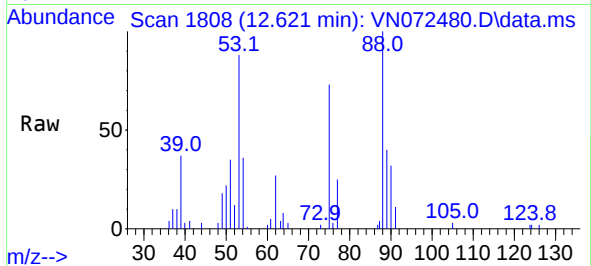
Tgt Ion:105 Resp: 162542
Ion Ratio Lower Upper
105 100
120 47.4 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 20.406 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

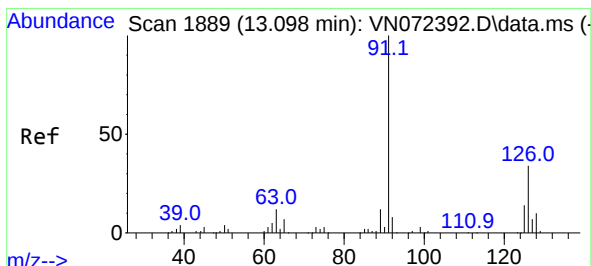
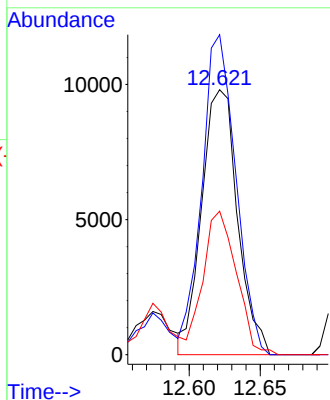
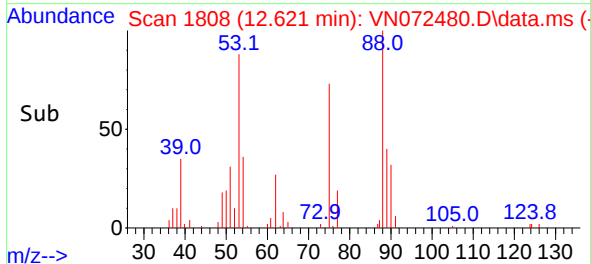
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01



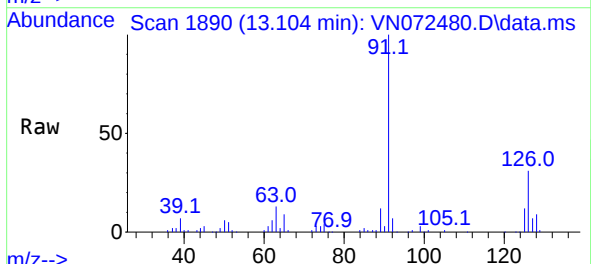
Tgt Ion: 75 Resp: 17230
Ion Ratio Lower Upper
75 100
53 114.3 78.0 117.0
89 50.1 37.2 55.8

Manual Integrations
APPROVED

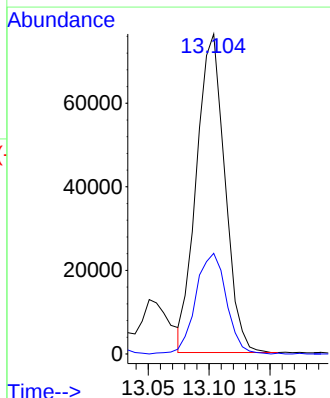
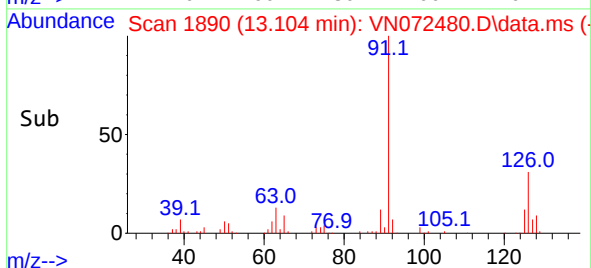
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

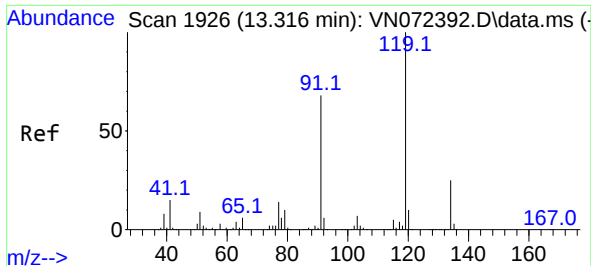


#82
4-Chlorotoluene
Concen: 20.758 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.006 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25



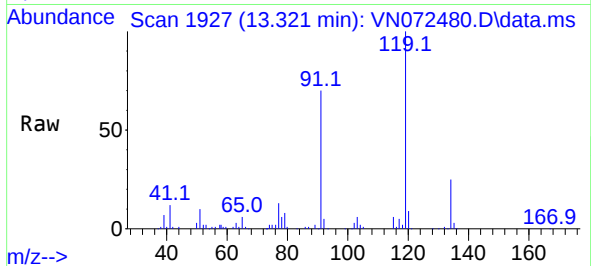
Tgt Ion: 91 Resp: 123729
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6





#83
tert-Butylbenzene
Concen: 22.303 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.005 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

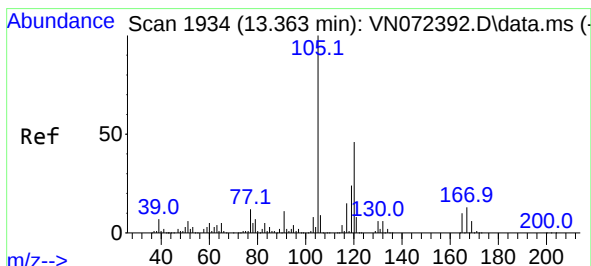
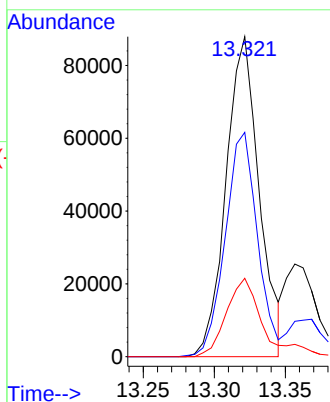
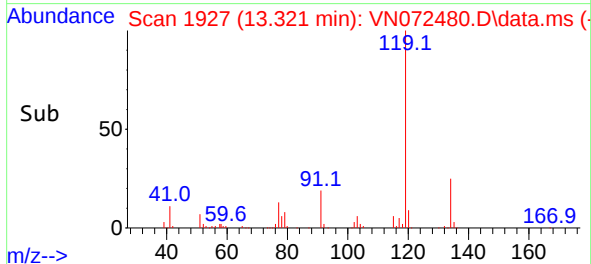
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01



Tgt Ion:119 Resp: 143068
Ion Ratio Lower Upper
119 100
91 68.2 31.6 94.8
134 27.0 13.7 41.1

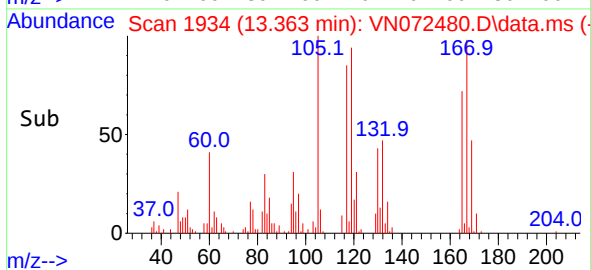
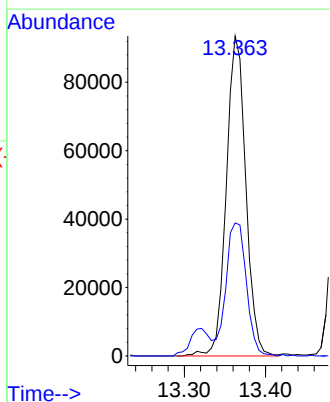
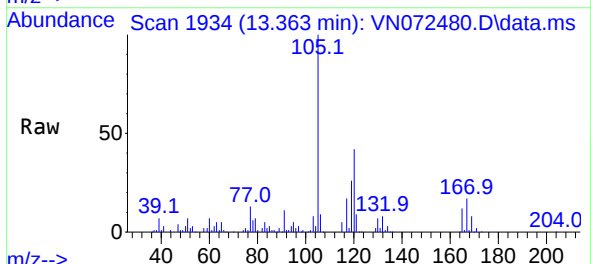
Manual Integrations
APPROVED

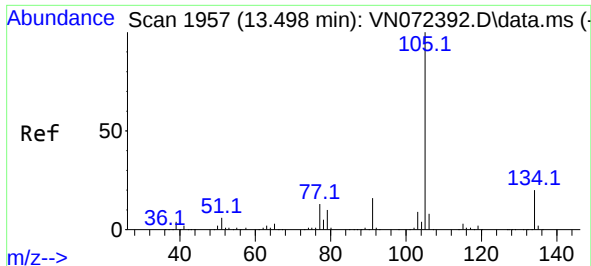
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#84
1,2,4-Trimethylbenzene
Concen: 21.816 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

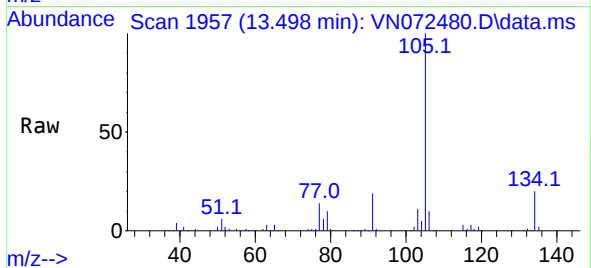
Tgt Ion:105 Resp: 155505
Ion Ratio Lower Upper
105 100
120 44.0 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 21.524 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072480.D
 Acq: 13 May 2022 16:25

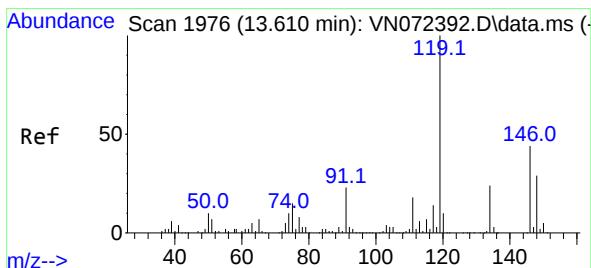
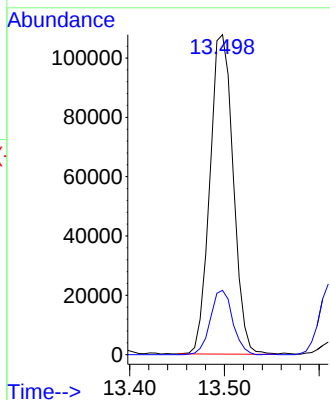
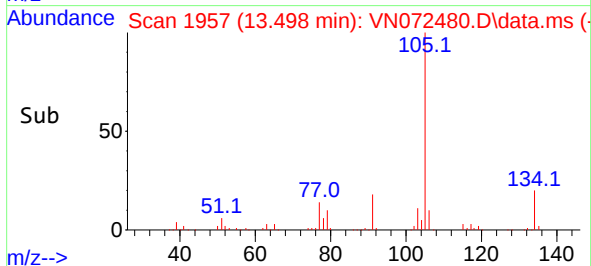
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0513WBSD01



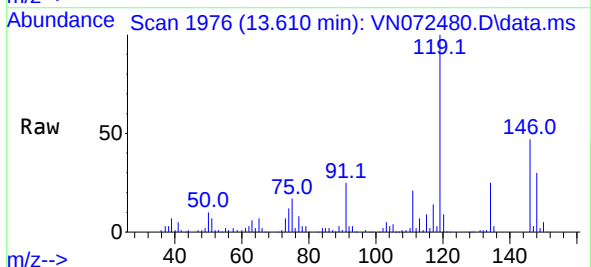
Tgt Ion:105 Resp: 184130
 Ion Ratio Lower Upper
 105 100
 134 19.3 10.4 31.1

Manual Integrations
 APPROVED

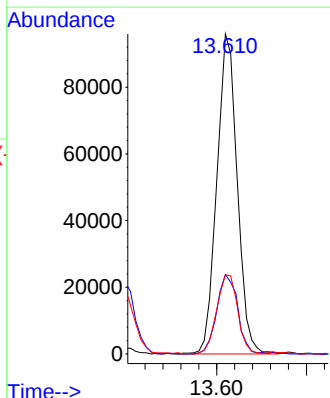
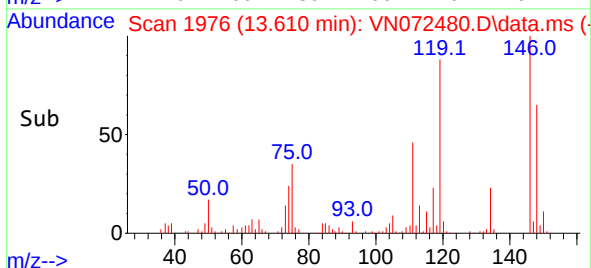
Reviewed By :John Carlone 05/16/2022
 Supervised By :Mahesh Dadoda 05/16/2022

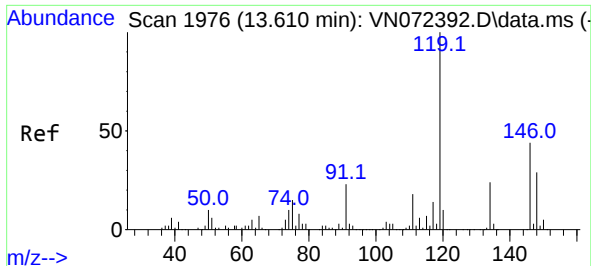


#86
 p-Isopropyltoluene
 Concen: 22.711 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072480.D
 Acq: 13 May 2022 16:25



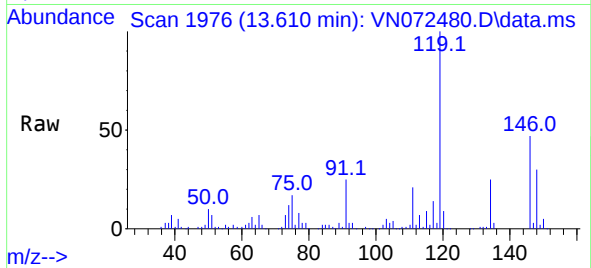
Tgt Ion:119 Resp: 151344
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.3 39.8
 91 25.4 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 20.671 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

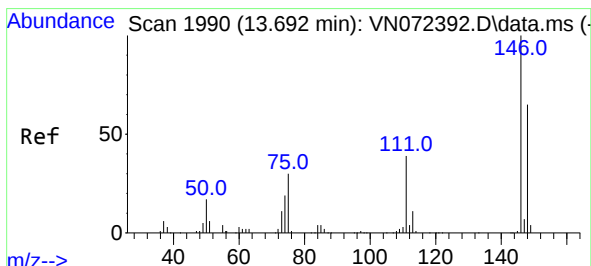
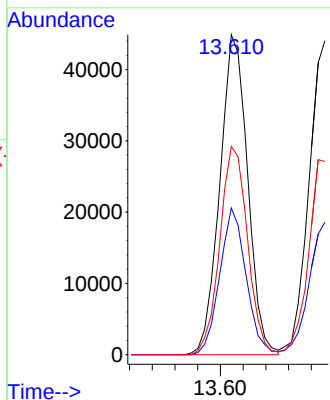
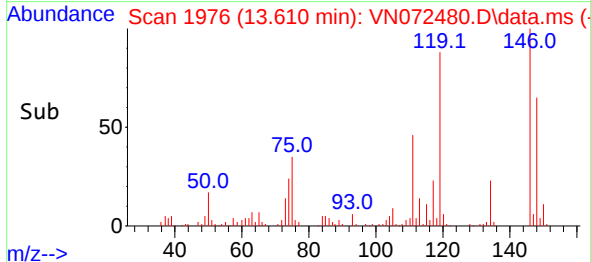
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01



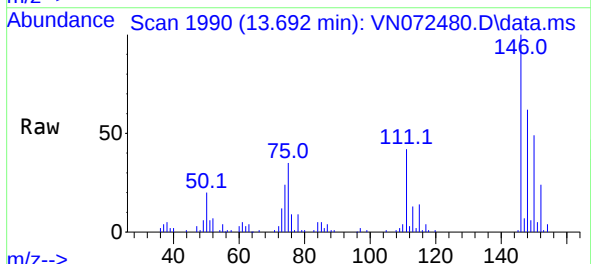
Tgt Ion:146 Resp: 76308
Ion Ratio Lower Upper
146 100
111 43.6 20.0 60.0
148 64.9 32.0 96.0

Manual Integrations
APPROVED

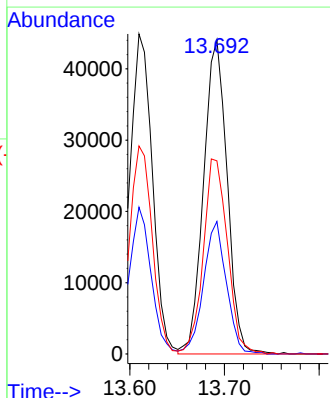
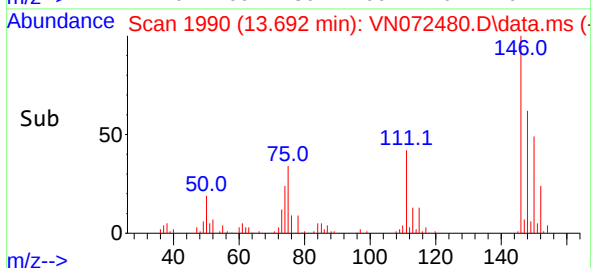
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

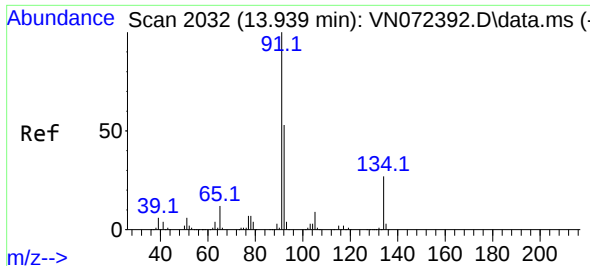


#88
1,4-Dichlorobenzene
Concen: 20.713 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25



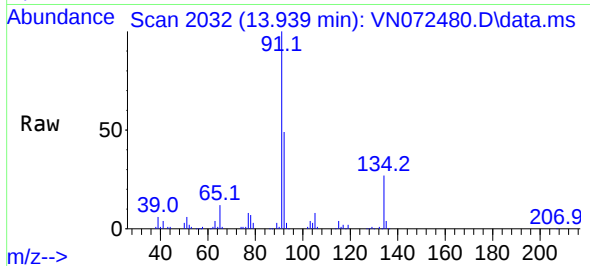
Tgt Ion:146 Resp: 76067
Ion Ratio Lower Upper
146 100
111 41.0 19.1 57.1
148 63.7 31.4 94.3





#89
n-Butylbenzene
Concen: 20.966 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

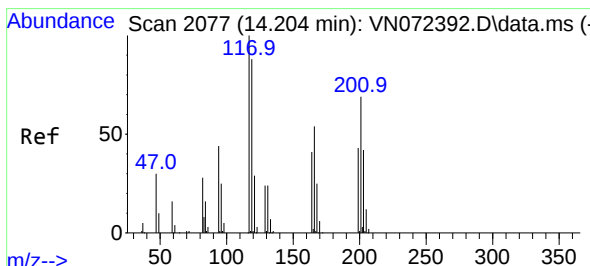
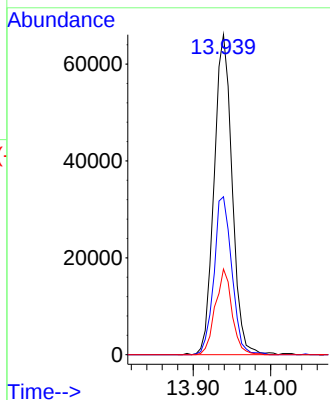
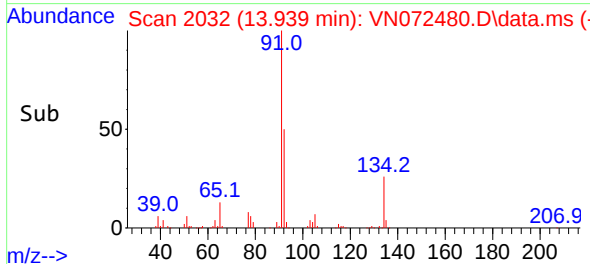
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01



Tgt Ion: 91 Resp: 106797
Ion Ratio Lower Upper
91 100
92 48.9 26.9 80.7
134 24.8 13.6 40.8

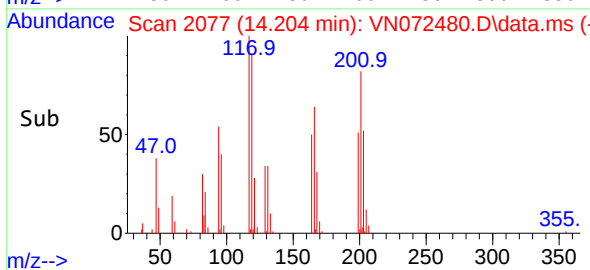
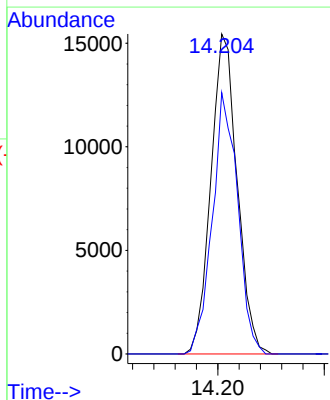
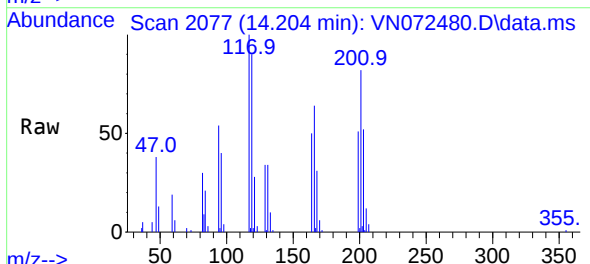
Manual Integrations
APPROVED

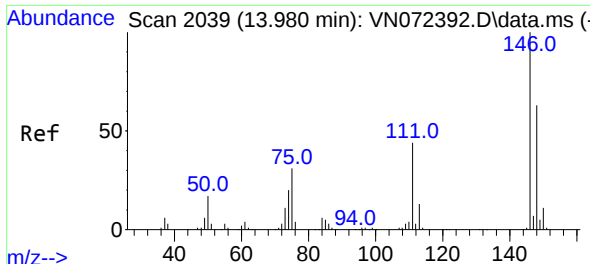
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#90
Hexachloroethane
Concen: 19.853 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

Tgt Ion:117 Resp: 26438
Ion Ratio Lower Upper
117 100
201 78.7 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 21.347 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

Instrument :

MSVOA_N

ClientSampleId :

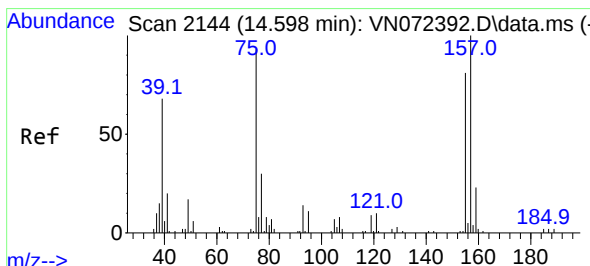
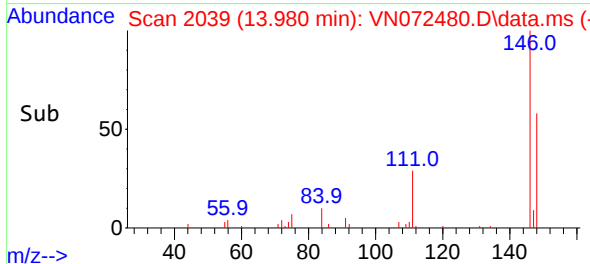
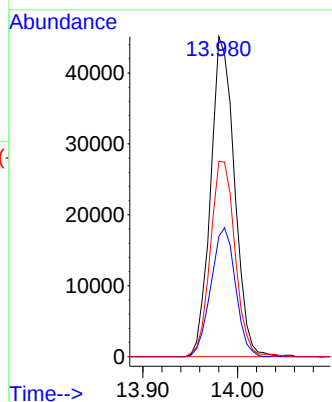
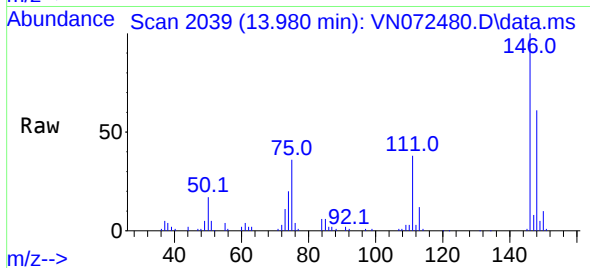
VN0513WBSD01

Tgt Ion:146 Resp: 7870
Ion Ratio Lower Upper
146 100
111 41.6 20.9 62.8
148 63.4 32.1 96.3

Manual Integrations

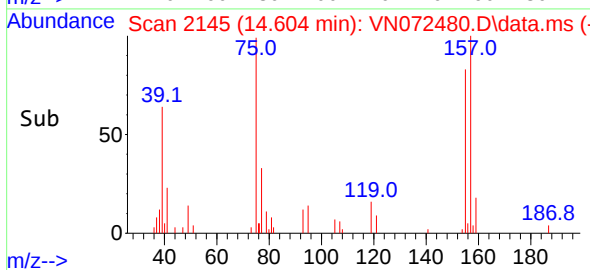
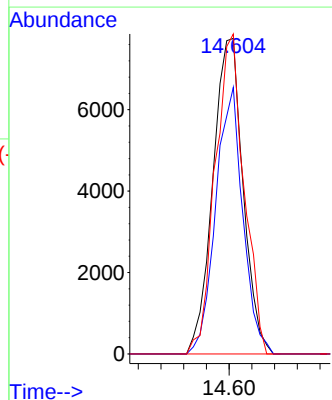
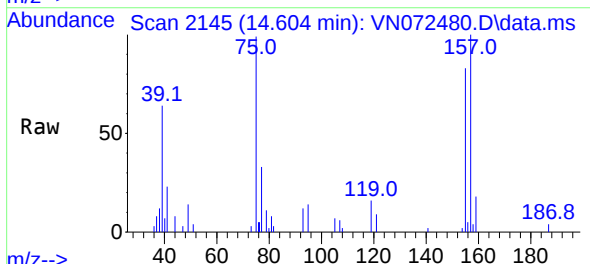
APPROVED

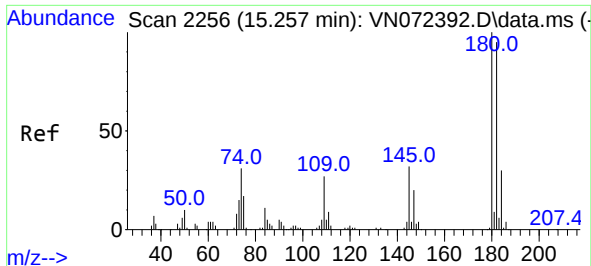
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 25.317 ug/l
RT: 14.604 min Scan# 2145
Delta R.T. 0.006 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

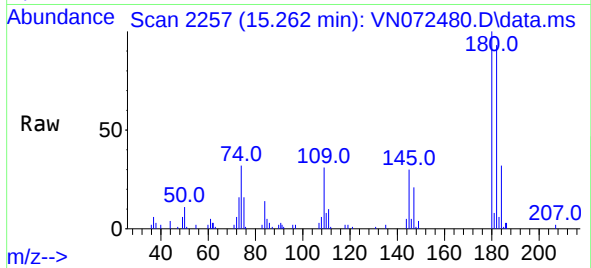
Tgt Ion: 75 Resp: 14299
Ion Ratio Lower Upper
75 100
155 76.0 44.9 134.5
157 96.9 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 23.689 ug/l
RT: 15.262 min Scan# 21
Delta R.T. 0.005 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

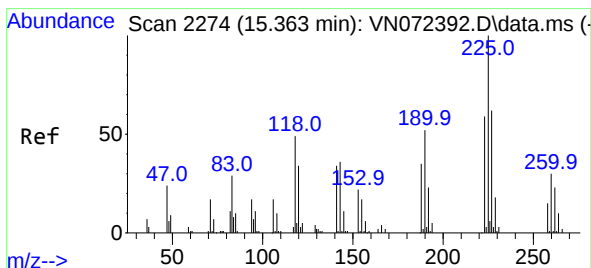
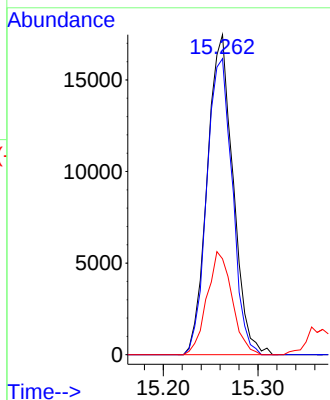
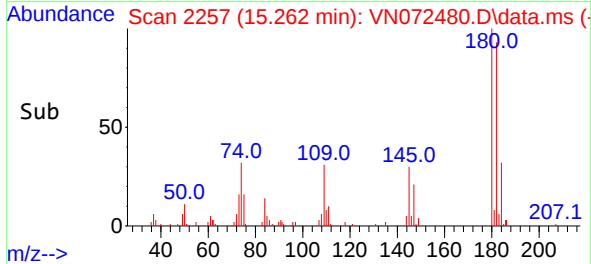
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01



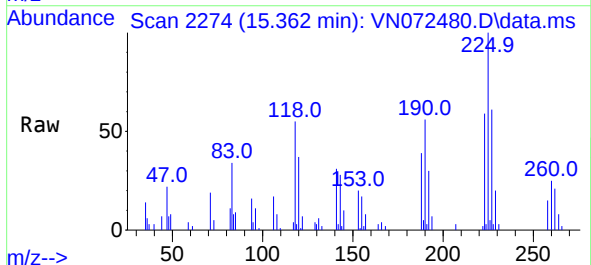
Tgt Ion:180 Resp: 33085
Ion Ratio Lower Upper
180 100
182 91.3 47.5 142.5
145 31.4 14.5 43.5

Manual Integrations
APPROVED

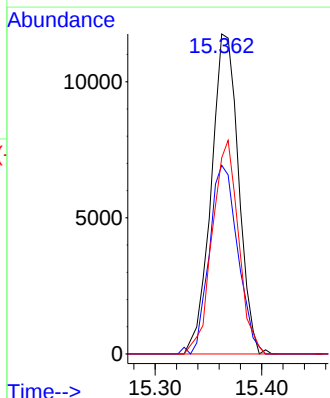
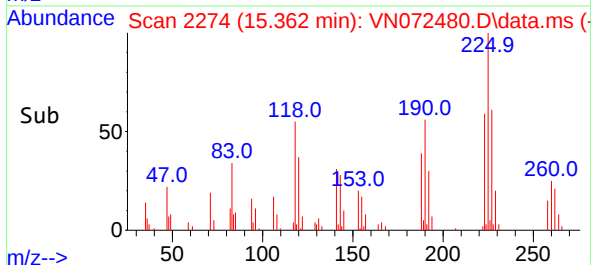
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

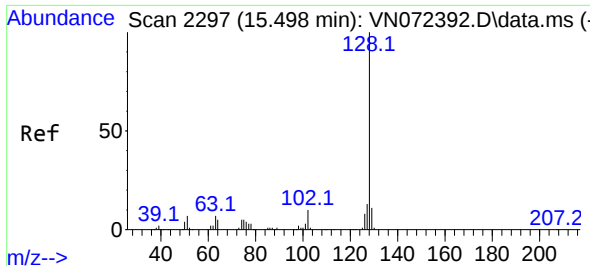


#94
Hexachlorobutadiene
Concen: 22.605 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.001 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25



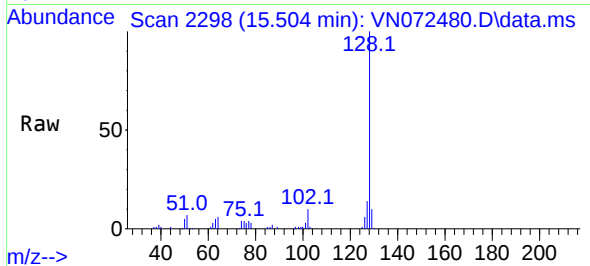
Tgt Ion:225 Resp: 20903
Ion Ratio Lower Upper
225 100
223 61.6 32.4 97.2
227 64.1 31.8 95.4





#95
Naphthalene
Concen: 21.126 ug/l
RT: 15.504 min Scan# 2297
Delta R.T. 0.006 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

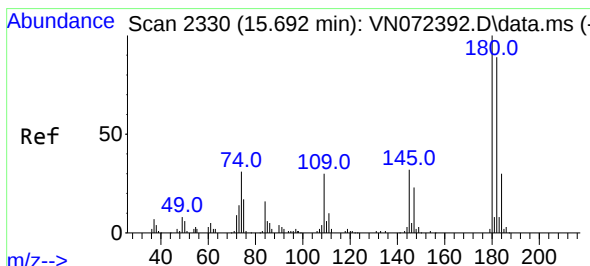
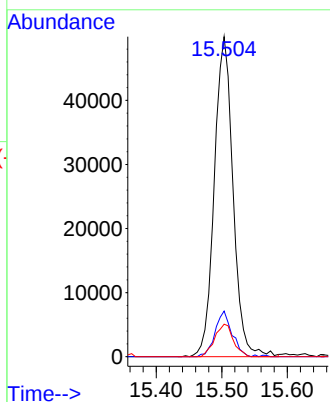
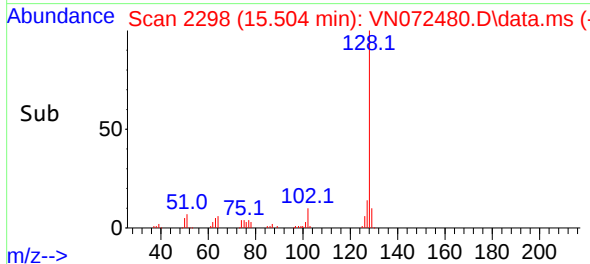
Instrument :
MSVOA_N
ClientSampleId :
VN0513WBSD01



Tgt Ion:128 Resp: 98935
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 23.970 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN072480.D
Acq: 13 May 2022 16:25

Tgt Ion:180 Resp: 33548
Ion Ratio Lower Upper
180 100
182 94.2 47.8 143.3
145 34.3 15.5 46.5

