

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051722\
 Data File : VN072530.D
 Acq On : 17 May 2022 15:07
 Operator : JC\MD
 Sample : VN0517WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/18/2022
 Supervised By : Mahesh Dadoda 05/18/2022

Quant Time: May 18 07:25:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N051622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 17 06:34:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	27249	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	140127	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	113822	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.428	65	83412	27.204	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	90.667%#		
60) 4-Bromofluorobenzene	12.727	95	65944	29.672	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	98.900%		
63) Toluene-d8	10.439	98	216528	34.849	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	116.167%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	43183	19.078	ug/l	99
3) Chloromethane	2.299	50	41029	20.069	ug/l	96
4) Vinyl Chloride	2.440	62	29976	17.369	ug/l	93
5) Bromomethane	2.834	94	23224	16.545	ug/l	94
6) Chloroethane	3.010	64	20742	18.405	ug/l #	87
7) Trichlorofluoromethane	3.369	101	67813	16.634	ug/l	98
8) Diethyl Ether	3.822	74	24239	19.765	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.210	101	38675	20.135	ug/l	95
10) 1,1-Dichloroethene	4.187	96	33168	19.150	ug/l	92
11) Methyl Iodide	4.422	142	49692	19.052	ug/l	98
12) Methyl Acetate	4.851	43	49503	17.667	ug/l	95
13) Acrolein	4.040	56	43528	98.869	ug/l	99
14) Acrylonitrile	5.551	53	104229	88.170	ug/l	99
15) Acetone	4.287	58	26307m	84.866	ug/l	
16) Carbon Disulfide	4.528	76	81550	18.152	ug/l	98
17) Allyl chloride	4.834	41	56631m	18.114	ug/l	
18) Methylene Chloride	5.093	84	42797	20.876	ug/l	98
19) trans-1,2-Dichloroethene	5.593	96	37779	19.859	ug/l	91
20) Diisopropyl ether	6.487	45	128390	19.754	ug/l	97
21) 1,1-Dichloroethane	6.381	63	73537	18.920	ug/l	99
22) cis-1,2-Dichloroethene	7.316	96	43800	19.611	ug/l	97
23) tert-Butyl Alcohol	5.363	59	35182	67.850	ug/l #	100
24) Methyl tert-Butyl Ether	5.616	73	140124	19.721	ug/l #	75
25) Chloroform	7.816	83	81845	19.525	ug/l	97
26) Cyclohexane	8.098	56	59123	18.745	ug/l #	99
29) 1,1-Dichloropropene	8.216	75	53935	19.327	ug/l	98
30) 2-Butanone	7.328	43	139890	86.608	ug/l	99
31) 2,2-Dichloropropane	7.328	77	68376	19.749	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	78048	19.607	ug/l	99
33) Carbon Tetrachloride	8.198	117	68934	19.487	ug/l	95
34) Benzene	8.457	78	163360	20.601	ug/l	98
35) Methacrylonitrile	7.628	41	32969	19.305	ug/l	93
36) 1,2-Dichloroethane	8.528	62	69326	18.773	ug/l	100
37) Trichloroethene	9.210	130	43332	20.142	ug/l	100
38) Methylcyclohexane	9.457	83	61578	19.085	ug/l	89
39) 1,2-Dichloropropane	9.481	63	40866	20.458	ug/l	97
40) Dibromomethane	9.575	93	31482	20.417	ug/l	90
41) Bromodichloromethane	9.757	83	63680	19.493	ug/l	97
42) Vinyl Acetate	6.428	43	547479	100.705	ug/l	99

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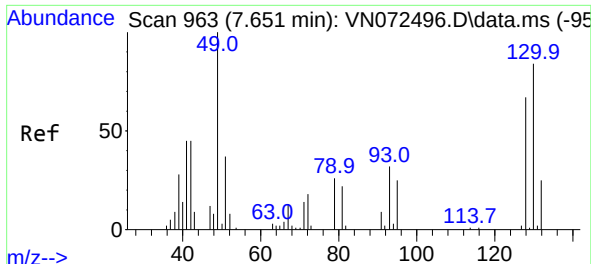
Manual Integrations
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Quant Time: May 18 07:25:49 2022
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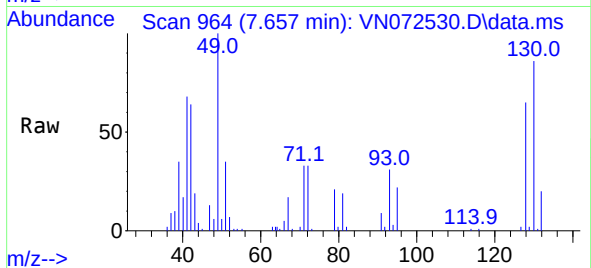
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	61882	19.618	ug/l	97
44) Isopropyl Acetate	8.557	43	96988	19.208	ug/l	98
45) 1,4-Dioxane	9.563	88	13568	282.126	ug/l	91
46) Methyl methacrylate	9.557	41	43033	18.011	ug/l	88
47) n-amyl Acetate	12.386	43	54116	16.010	ug/l	96
48) t-1,3-Dichloropropene	10.716	75	66867	19.389	ug/l	95
49) cis-1,3-Dichloropropene	10.186	75	69407	19.968	ug/l	95
50) 1,1,2-Trichloroethane	10.892	97	46117	21.683	ug/l	95
51) Ethyl methacrylate	10.757	69	63848	19.251	ug/l	93
52) 1,3-Dichloropropane	11.039	76	76418	20.796	ug/l	96
53) Dibromochloromethane	11.233	129	51829	20.183	ug/l	98
54) 1,2-Dibromoethane	11.339	107	42775	18.907	ug/l	94
55) 2-Chloroethyl vinyl ether	10.039	63	76000	90.316	ug/l	98
56) Bromoform	12.457	173	32461	16.761	ug/l #	99
58) 4-Methyl-2-Pentanone	10.328	43	294106	109.657	ug/l	97
59) 2-Hexanone	11.080	43	202997	103.028	ug/l	96
61) Tetrachloroethene	10.975	164	42009	24.645	ug/l	87
62) Toluene	10.498	91	182477	23.730	ug/l	97
64) Chlorobenzene	11.769	112	95450	19.900	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.839	131	41353	20.851	ug/l	95
66) Ethyl Benzene	11.839	91	167946	19.418	ug/l	98
67) m/p-Xylenes	11.945	106	129306	39.433	ug/l	91
68) o-Xylene	12.274	106	64676	19.953	ug/l	94
69) Styrene	12.292	104	103851	20.116	ug/l	93
70) Isopropylbenzene	12.574	105	171787	19.972	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.822	83	54222	20.643	ug/l	97
72) 1,2,3-Trichloropropane	12.874	75	42683m	17.326	ug/l	
73) Bromobenzene	12.857	156	41720	20.154	ug/l	99
74) n-propylbenzene	12.916	91	185606	19.712	ug/l	98
75) 2-Chlorotoluene	13.004	91	124022	20.386	ug/l	96
76) 1,3,5-Trimethylbenzene	13.057	105	145322	19.754	ug/l	99
77) t-1,4-Dichloro-2-butene	12.621	75	15136	18.595	ug/l	87
78) 4-Chlorotoluene	13.098	91	115879	20.322	ug/l	97
79) tert-butylbenzene	13.316	119	126202	19.525	ug/l	99
80) 1,2,4-Trimethylbenzene	13.363	105	145278	20.493	ug/l #	82
81) sec-Butylbenzene	13.498	105	163983	19.136	ug/l	97
82) p-Isopropyltoluene	13.610	119	137429	19.377	ug/l	100
83) 1,3-Dichlorobenzene	13.610	146	73299	20.743	ug/l	99
84) 1,4-Dichlorobenzene	13.692	146	67386	19.597	ug/l	98
85) n-Butylbenzene	13.939	91	94299	17.942	ug/l	98
86) Hexachloroethane	14.210	117	25476	19.508	ug/l	92
87) 1,2-Dichlorobenzene	13.986	146	71702	20.755	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.604	75	11542	18.667	ug/l	95
89) 1,2,4-Trichlorobenzene	15.257	180	34386	21.988	ug/l	95
90) Hexachlorobutadiene	15.363	225	23329	24.138	ug/l	98
91) Naphthalene	15.498	128	93427	21.807	ug/l	98
92) 1,2,3-Trichlorobenzene	15.698	180	35573	22.347	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

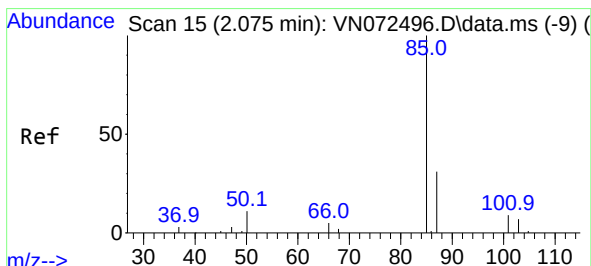
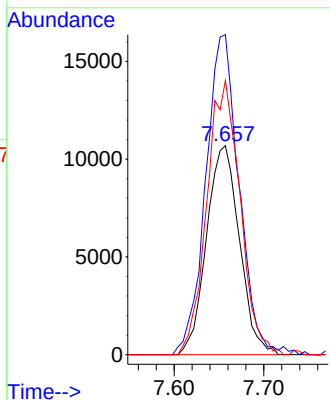
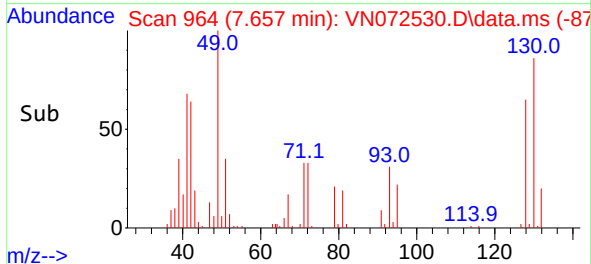
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02



Tgt Ion:128 Resp: 27249
Ion Ratio Lower Upper
128 100
49 154.0 0.0 392.3
130 132.7 0.0 320.2

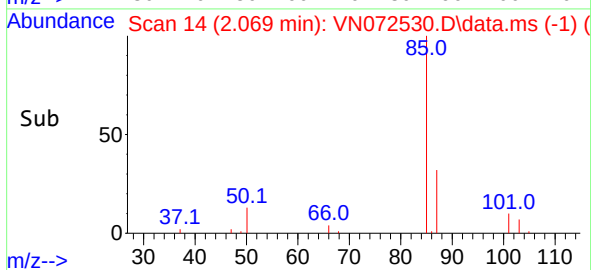
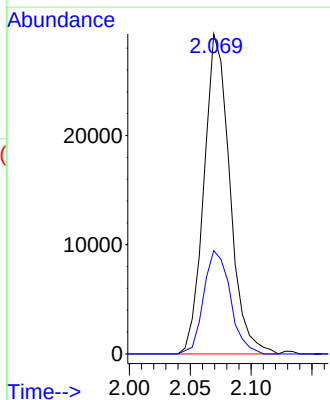
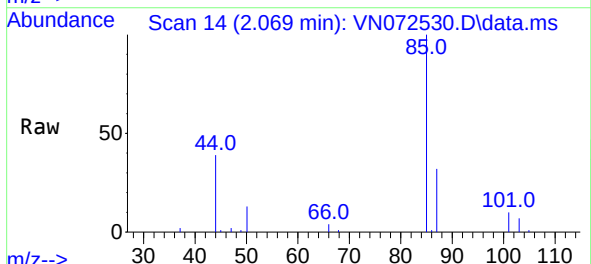
Manual Integrations
APPROVED

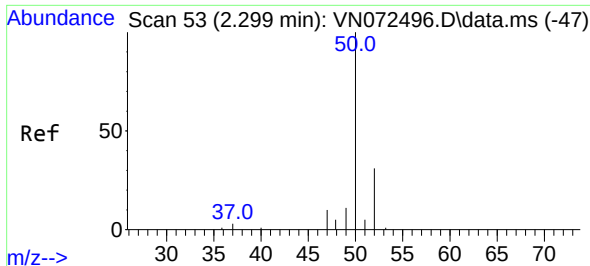
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#2
Dichlorodifluoromethane
Concen: 19.078 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

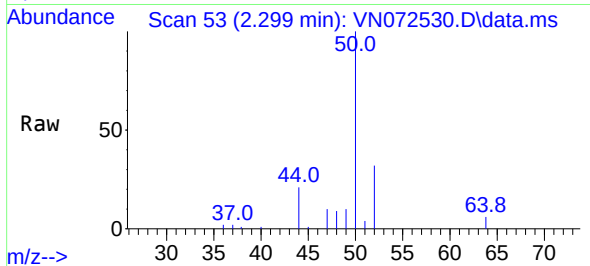
Tgt Ion: 85 Resp: 43183
Ion Ratio Lower Upper
85 100
87 32.3 16.6 49.7





#3
Chloromethane
Concen: 20.069 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

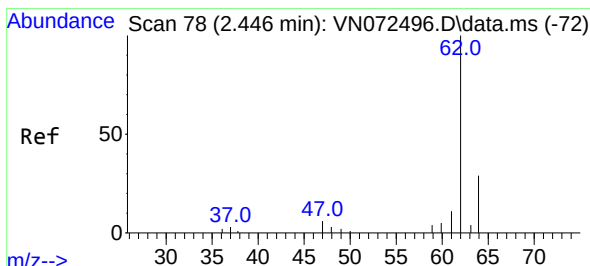
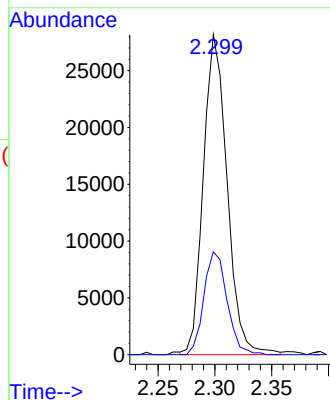
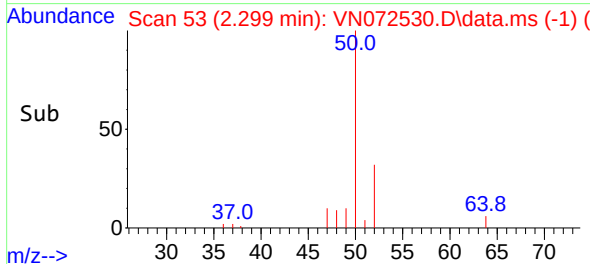
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02



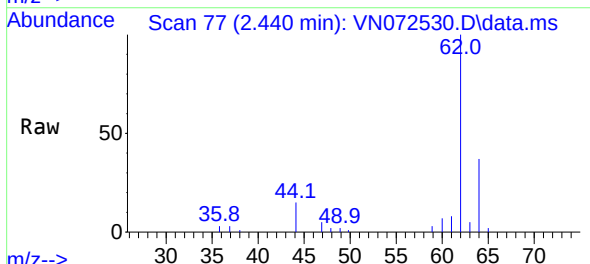
Tgt Ion: 50 Resp: 41029
Ion Ratio Lower Upper
50 100
52 32.4 27.8 41.6

Manual Integrations
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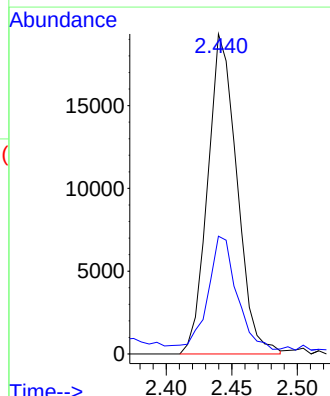
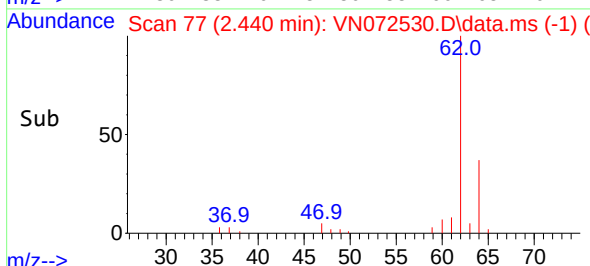
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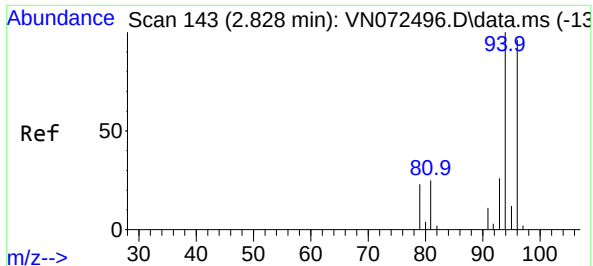


#4
Vinyl Chloride
Concen: 17.369 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07



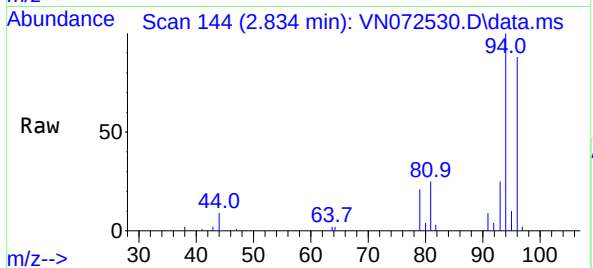
Tgt Ion: 62 Resp: 29976
Ion Ratio Lower Upper
62 100
64 35.2 25.1 37.7





#5
Bromomethane
Concen: 16.545 ug/l
RT: 2.834 min Scan# 143
Delta R.T. 0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

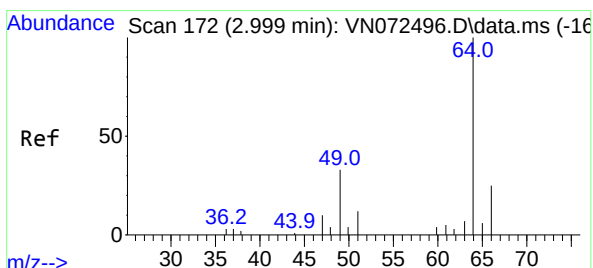
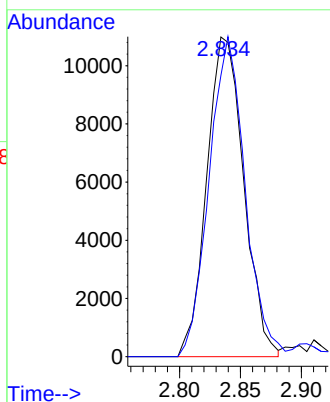
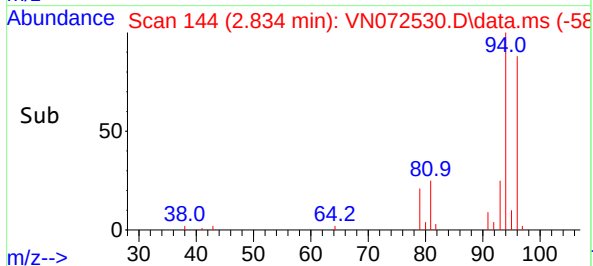
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02



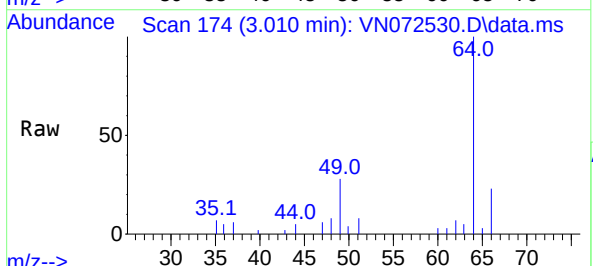
Tgt Ion: 94 Resp: 23224
Ion Ratio Lower Upper
94 100
96 88.0 75.2 112.8

Manual Integrations
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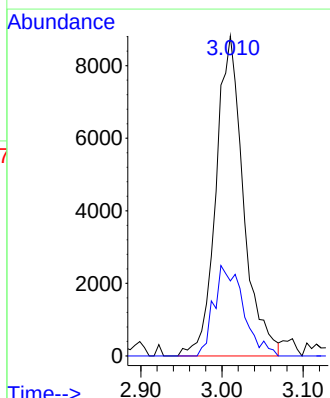
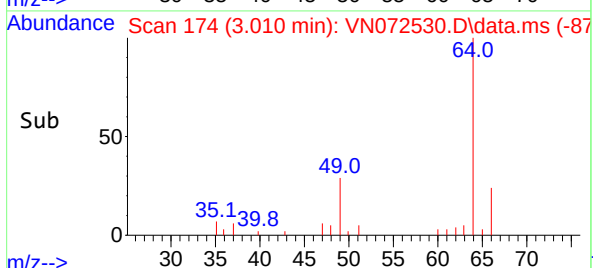
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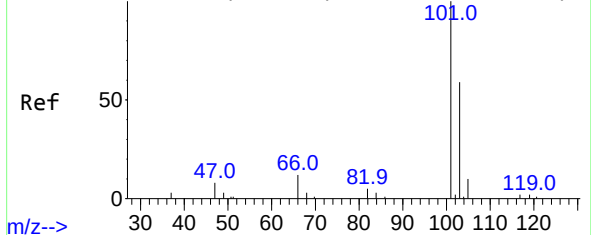
#6
Chloroethane
Concen: 18.405 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.012 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07



Tgt Ion: 64 Resp: 20742
Ion Ratio Lower Upper
64 100
66 23.4 24.6 36.8#



Abundance Scan 235 (3.369 min): VN072496.D\data.ms (-22



#7

Trichlorofluoromethane

Concen: 16.634 ug/l

RT: 3.369 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN072530.D

Acq: 17 May 2022 15:07

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBS02

Tgt Ion:101 Resp: 6781

Ion Ratio Lower Upper

101 100

103 63.8 50.1 75.1

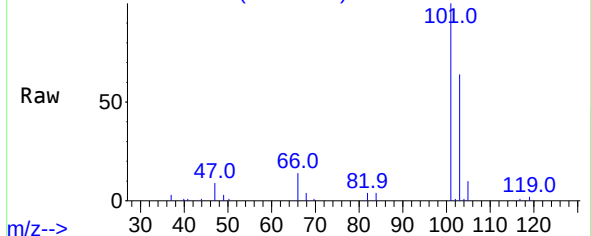
Manual Integrations

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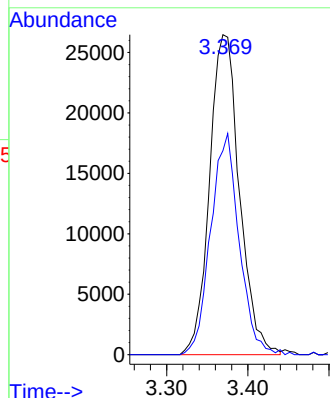
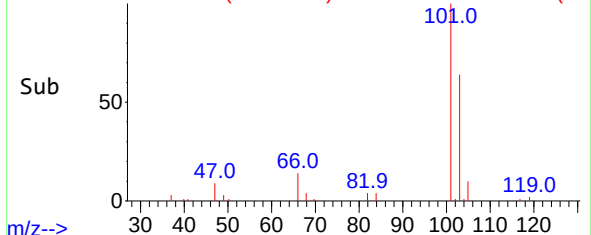
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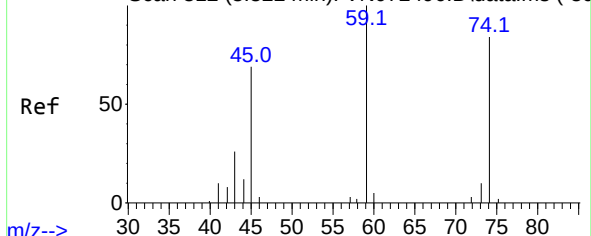
Abundance Scan 235 (3.369 min): VN072530.D\data.ms



Abundance Scan 235 (3.369 min): VN072530.D\data.ms (-15



Abundance Scan 312 (3.822 min): VN072496.D\data.ms (-30



#8

Diethyl Ether

Concen: 19.765 ug/l

RT: 3.822 min Scan# 312

Delta R.T. 0.000 min

Lab File: VN072530.D

Acq: 17 May 2022 15:07

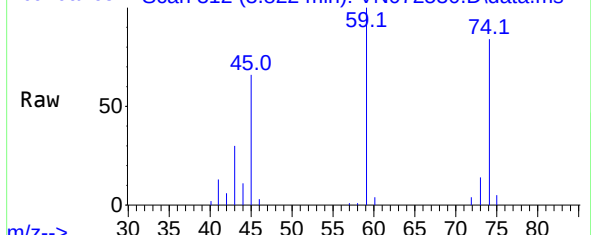
Tgt Ion: 74 Resp: 24239

Ion Ratio Lower Upper

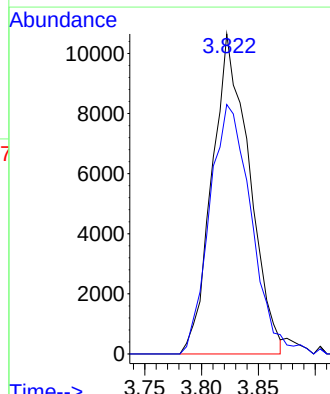
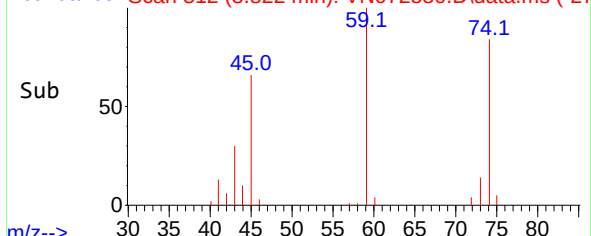
74 100

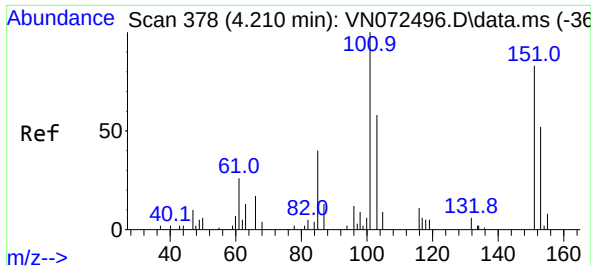
45 86.7 17.6 158.8

Abundance Scan 312 (3.822 min): VN072530.D\data.ms



Abundance Scan 312 (3.822 min): VN072530.D\data.ms (-27





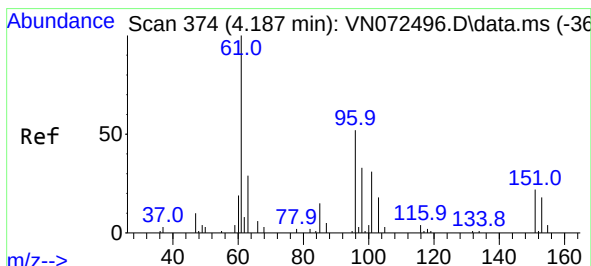
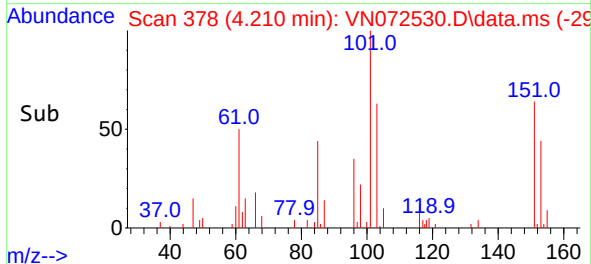
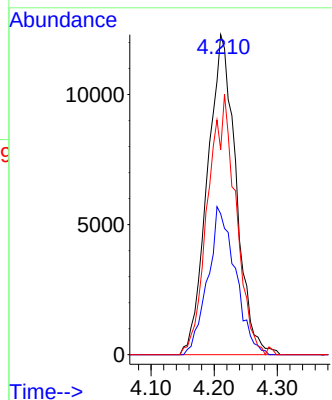
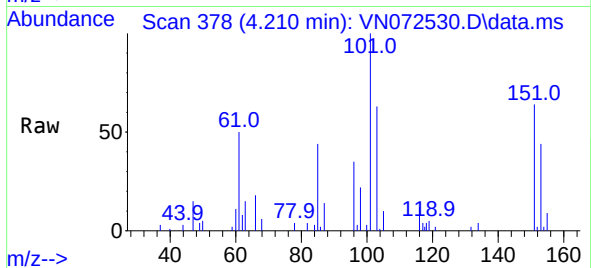
#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.135 ug/l
RT: 4.210 min Scan# 378
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02

Tgt Ion:101 Resp: 3867
Ion Ratio Lower Upper
101 100
85 44.6 0.0 94.0
151 40.8 0.0 74.6

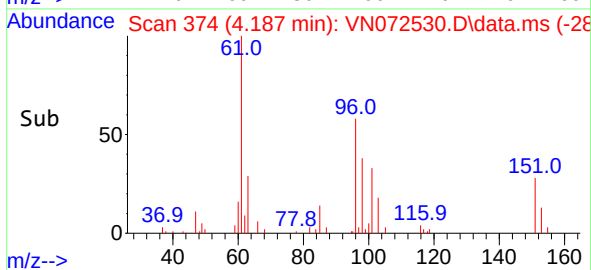
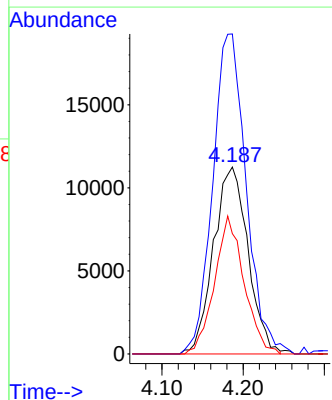
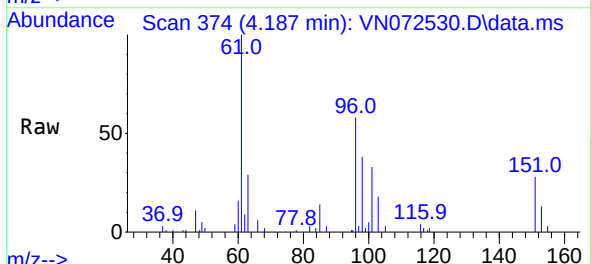
Manual Integrations
APPROVED

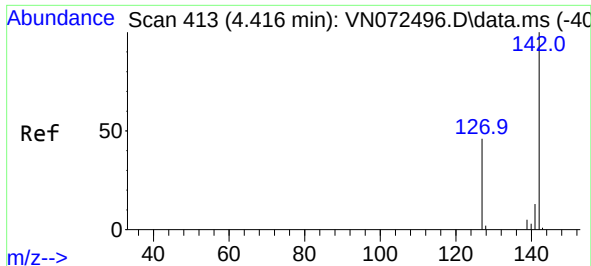
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#10
1,1-Dichloroethene
Concen: 19.150 ug/l
RT: 4.187 min Scan# 374
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

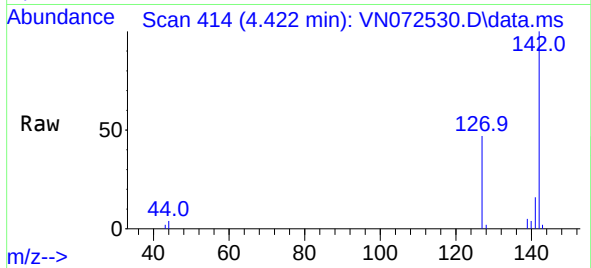
Tgt Ion: 96 Resp: 33168
Ion Ratio Lower Upper
96 100
61 171.2 126.2 189.4
98 64.3 50.9 76.3





#11
Methyl Iodide
Concen: 19.052 ug/l
RT: 4.422 min Scan# 413
Delta R.T. 0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

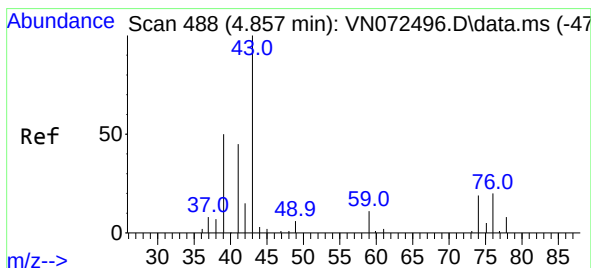
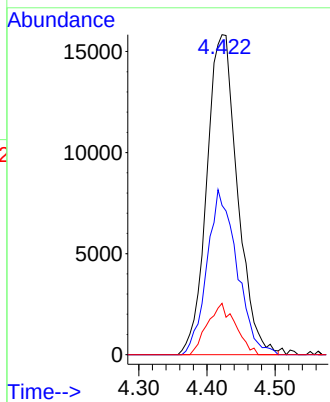
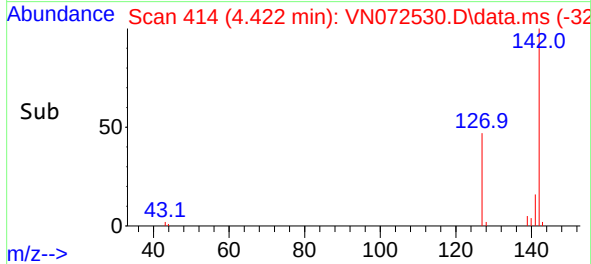
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02



Tgt Ion:142 Resp: 49692
Ion Ratio Lower Upper
142 100
127 47.0 24.0 72.0
141 16.1 8.4 25.2

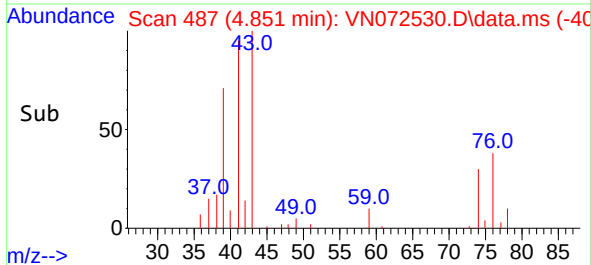
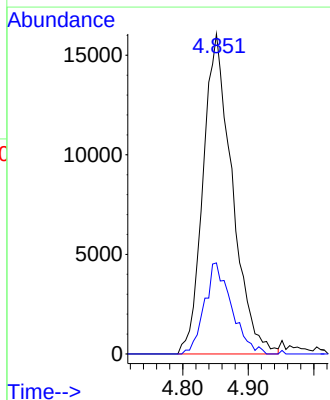
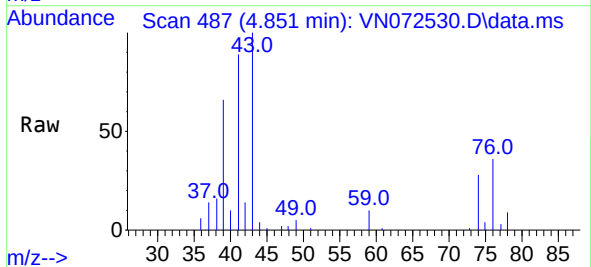
Manual Integrations
APPROVED

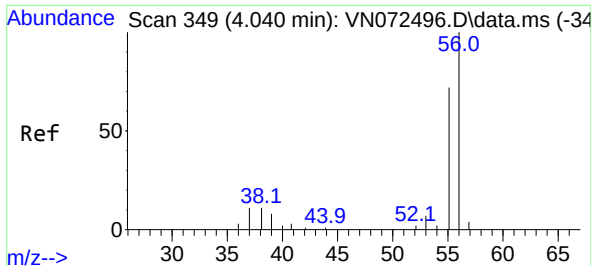
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#12
Methyl Acetate
Concen: 17.667 ug/l
RT: 4.851 min Scan# 487
Delta R.T. -0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

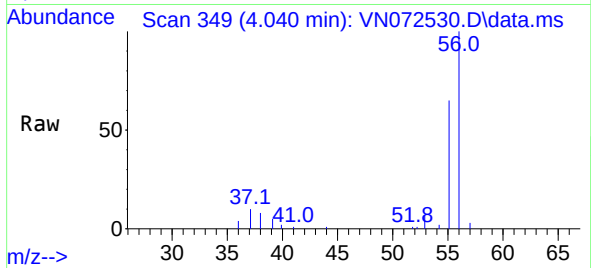
Tgt Ion: 43 Resp: 49503
Ion Ratio Lower Upper
43 100
74 28.7 20.8 31.2





#13
Acrolein
Concen: 98.869 ug/l
RT: 4.040 min Scan# 349
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

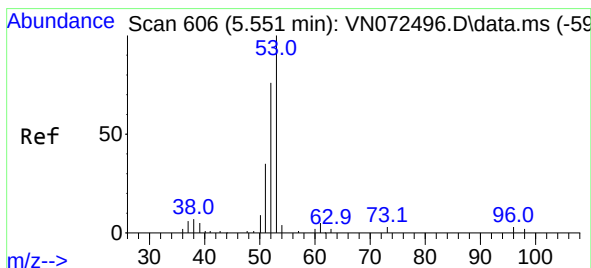
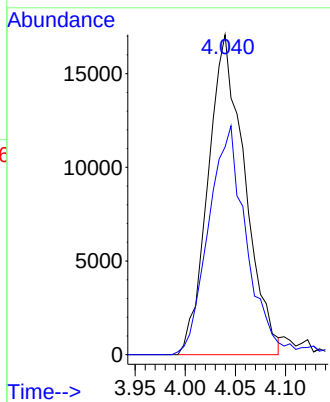
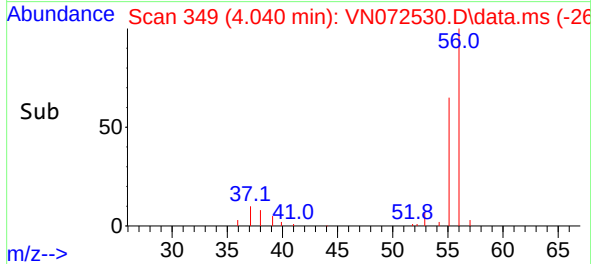
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02



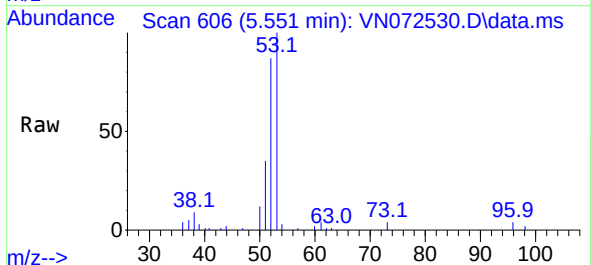
Tgt Ion: 56 Resp: 43528
Ion Ratio Lower Upper
56 100
55 72.7 57.6 86.4

Manual Integrations
APPROVED

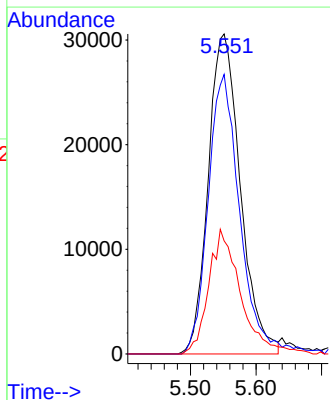
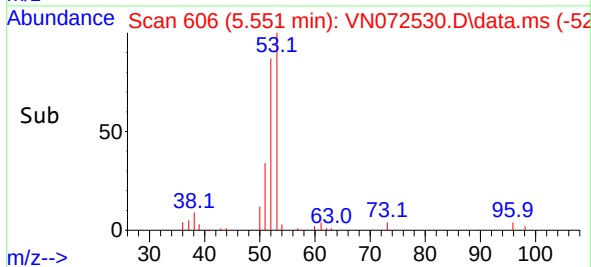
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

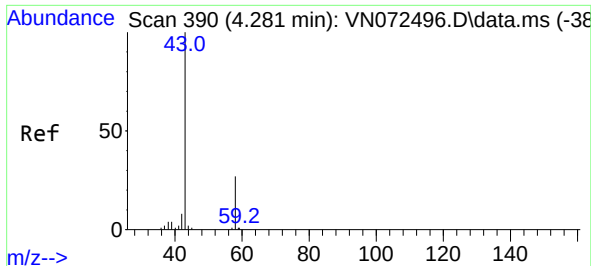


#14
Acrylonitrile
Concen: 88.170 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07



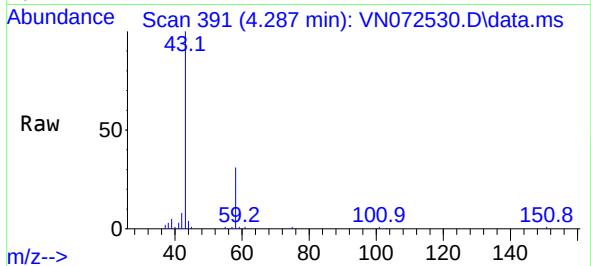
Tgt Ion: 53 Resp: 104229
Ion Ratio Lower Upper
53 100
52 84.0 41.8 125.4
51 38.8 19.0 57.0





#15
Acetone
Concen: 84.866 ug/l m
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

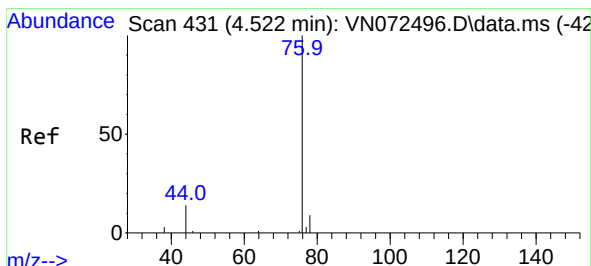
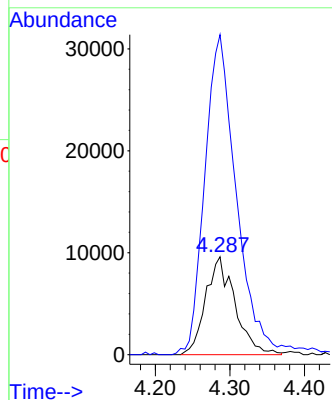
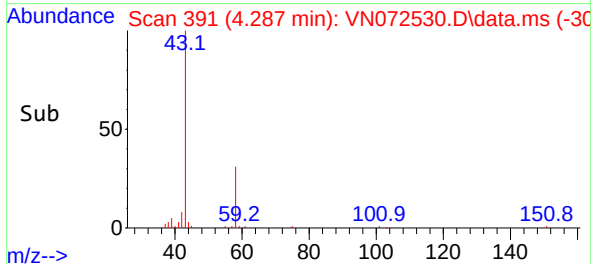
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02



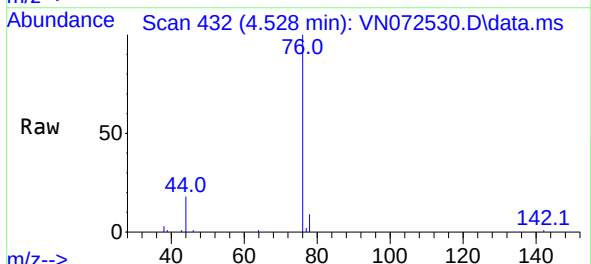
Tgt Ion: 58 Resp: 2630
Ion Ratio Lower Upper
58 100
43 327.0 256.6 384.8

Manual Integrations
APPROVED

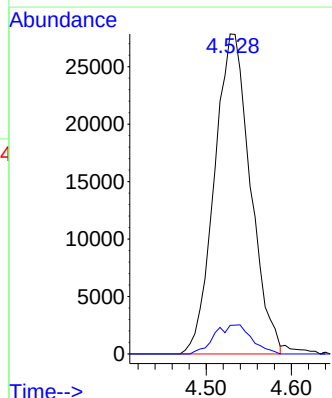
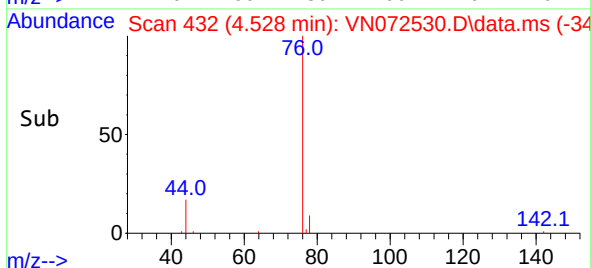
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

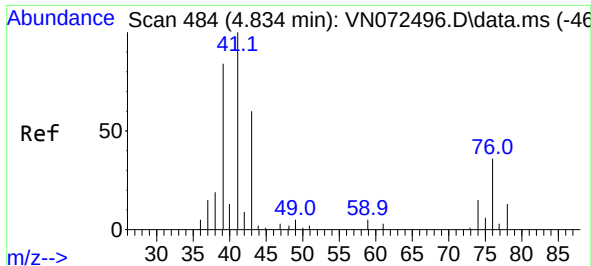


#16
Carbon Disulfide
Concen: 18.152 ug/l
RT: 4.528 min Scan# 432
Delta R.T. 0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07



Tgt Ion: 76 Resp: 81550
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.8





#17

Allyl chloride

Concen: 18.114 ug/l m

RT: 4.834 min Scan# 484

Delta R.T. 0.000 min

Lab File: VN072530.D

Acq: 17 May 2022 15:07

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBS02

Tgt Ion: 41 Resp: 5663

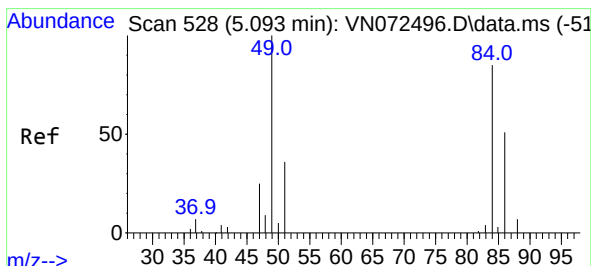
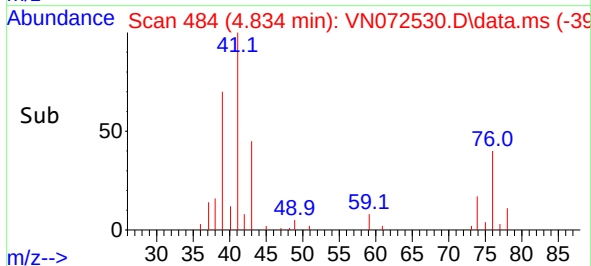
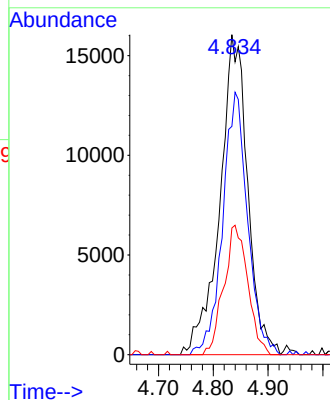
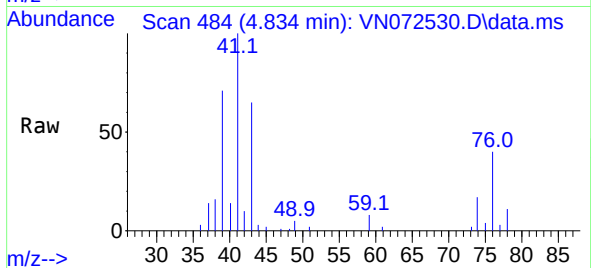
Ion	Ratio	Lower	Upper
41	100		
39	71.3	44.6	134.0
76	39.6	19.6	58.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#18

Methylene Chloride

Concen: 20.876 ug/l

RT: 5.093 min Scan# 528

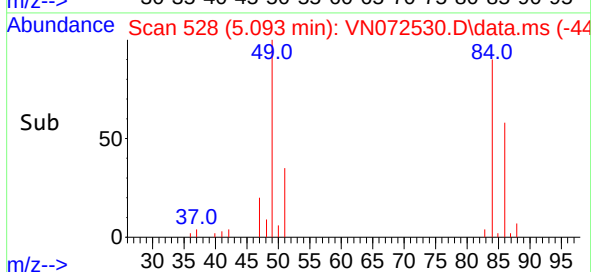
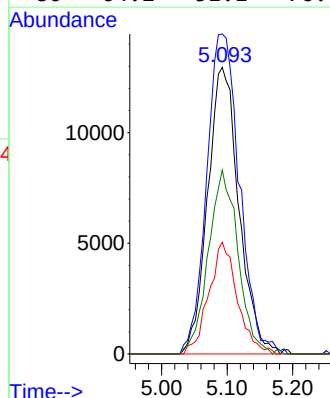
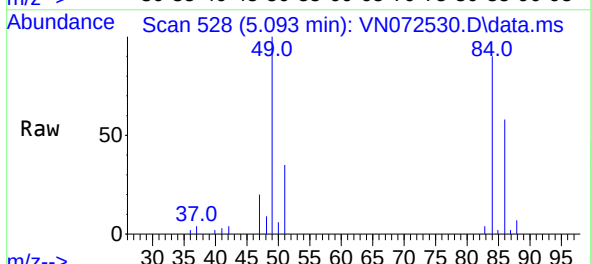
Delta R.T. 0.000 min

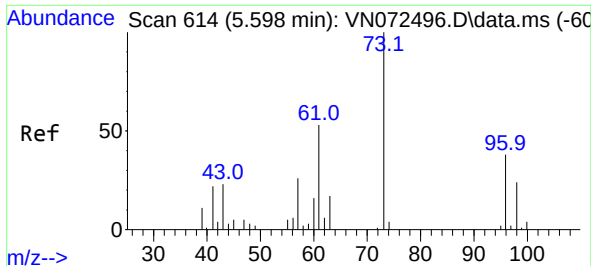
Lab File: VN072530.D

Acq: 17 May 2022 15:07

Tgt Ion: 84 Resp: 42797

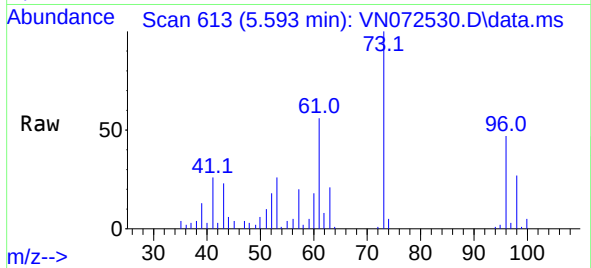
Ion	Ratio	Lower	Upper
84	100		
49	111.6	91.4	137.0
51	39.0	29.4	44.0
86	64.2	51.1	76.7





#19
trans-1,2-Dichloroethene
Concen: 19.859 ug/l
RT: 5.593 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

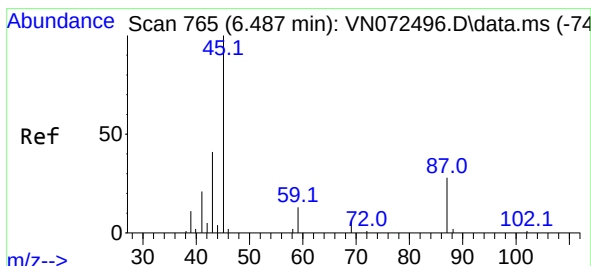
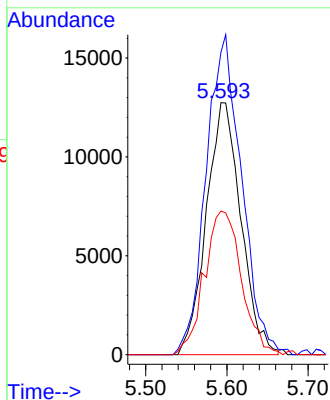
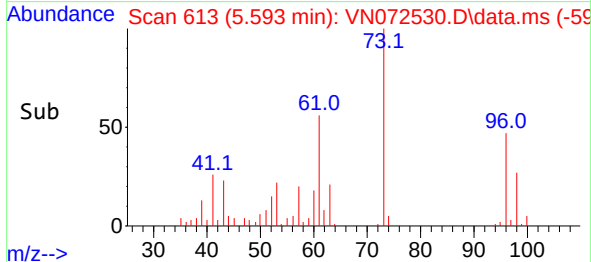
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02



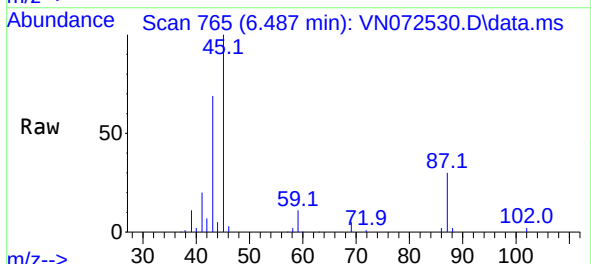
Tgt Ion: 96 Resp: 37779
Ion Ratio Lower Upper
96 100
61 117.8 102.8 154.2
98 55.7 49.3 73.9

Manual Integrations
APPROVED

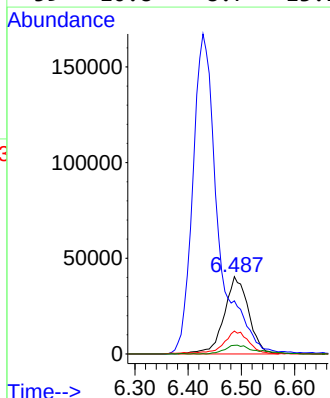
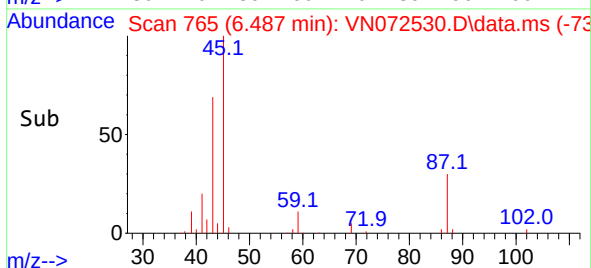
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

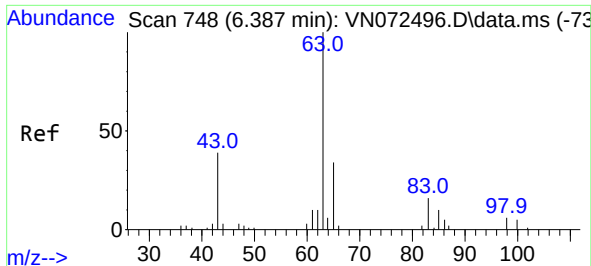


#20
Diisopropyl ether
Concen: 19.754 ug/l
RT: 6.487 min Scan# 765
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07



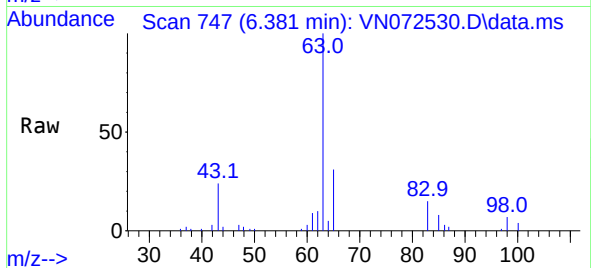
Tgt Ion: 45 Resp: 128390
Ion Ratio Lower Upper
45 100
43 66.0 51.0 76.4
87 29.6 25.0 37.4
59 10.8 8.7 13.1





#21
1,1-Dichloroethane
Concen: 18.920 ug/l
RT: 6.381 min Scan# 748
Delta R.T. -0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

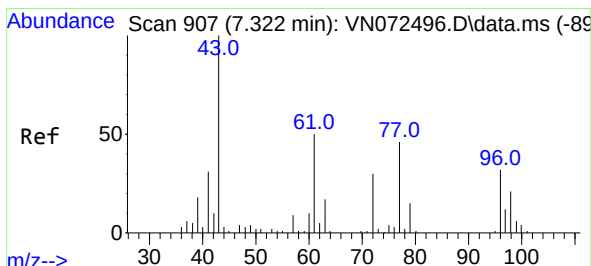
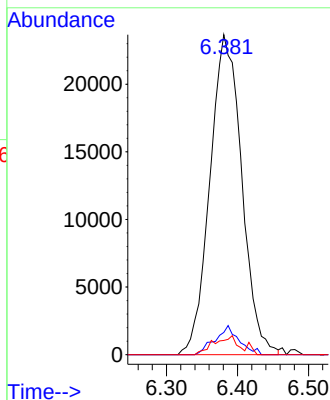
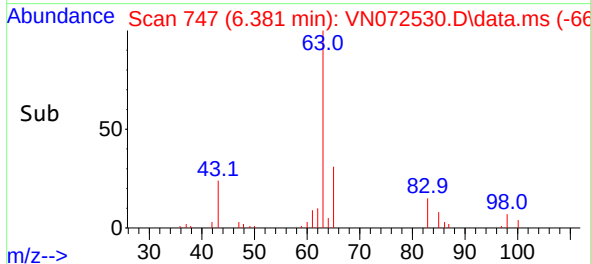
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02



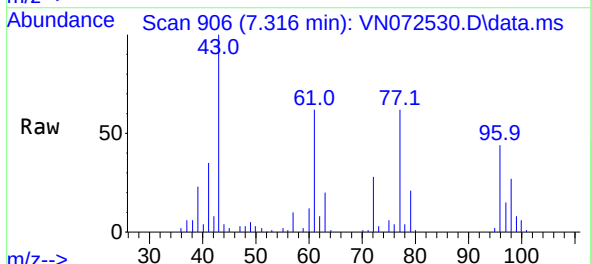
Tgt Ion: 63 Resp: 7353
Ion Ratio Lower Upper
63 100
98 7.0 3.2 9.6
100 4.4 2.1 6.2

Manual Integrations
APPROVED

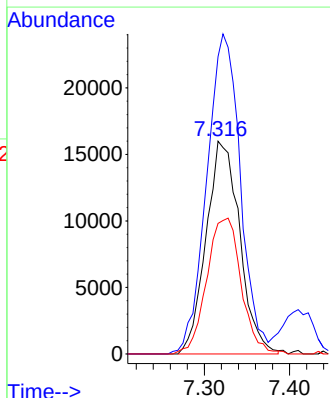
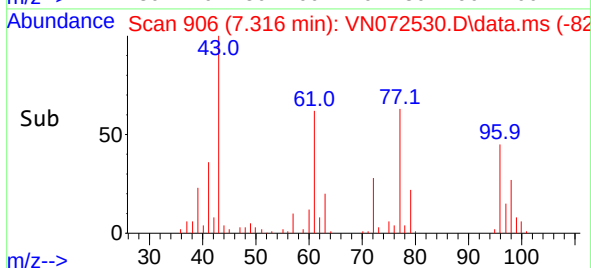
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

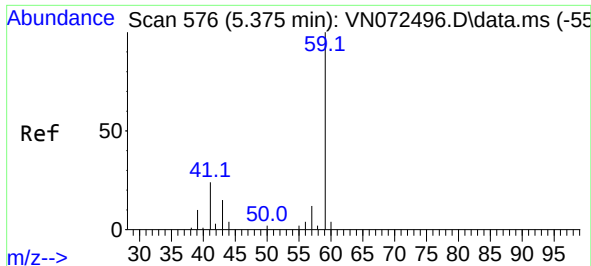


#22
cis-1,2-Dichloroethene
Concen: 19.611 ug/l
RT: 7.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07



Tgt Ion: 96 Resp: 43800
Ion Ratio Lower Upper
96 100
61 150.5 115.7 173.5
98 65.0 51.6 77.4





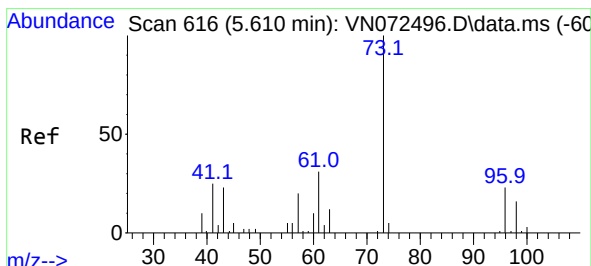
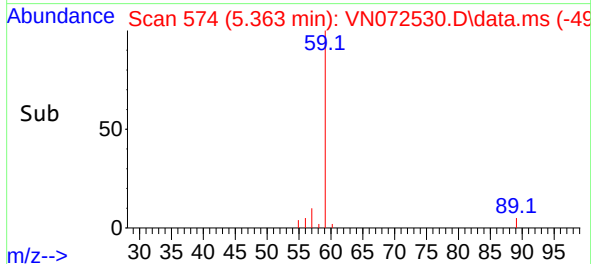
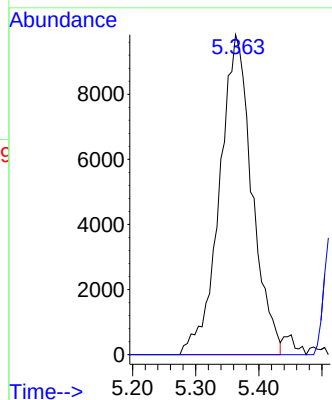
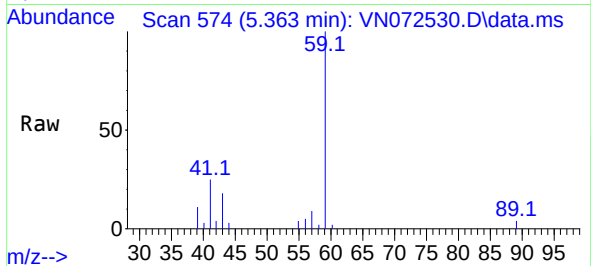
#23
tert-Butyl Alcohol
Concen: 67.850 ug/l
RT: 5.363 min Scan# 518
Delta R.T. -0.012 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02

Tgt Ion: 59 Resp: 3518
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

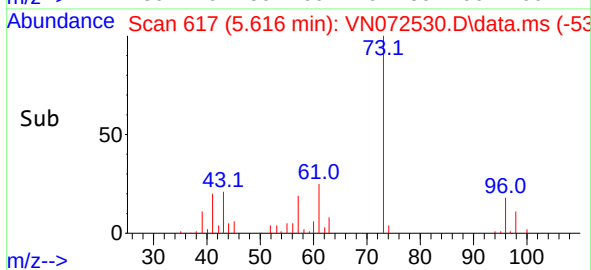
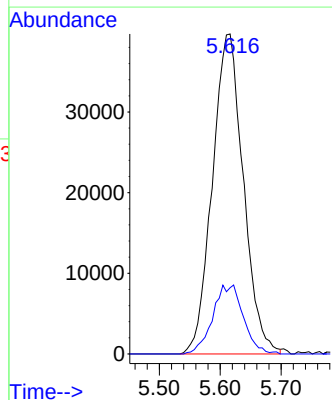
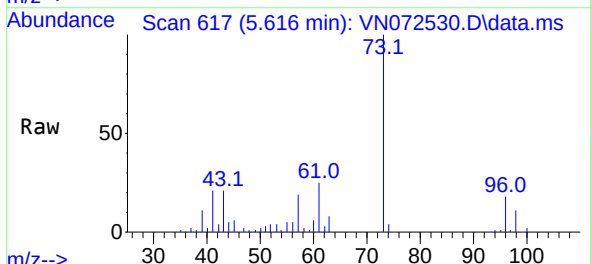
Manual Integrations
APPROVED

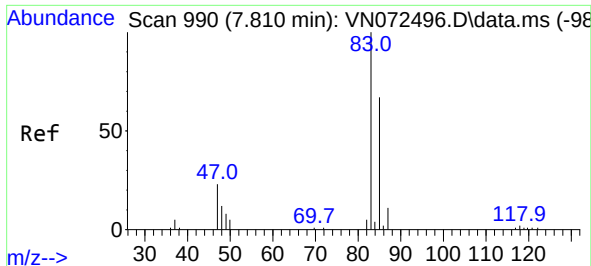
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#24
Methyl tert-Butyl Ether
Concen: 19.721 ug/l
RT: 5.616 min Scan# 617
Delta R.T. 0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

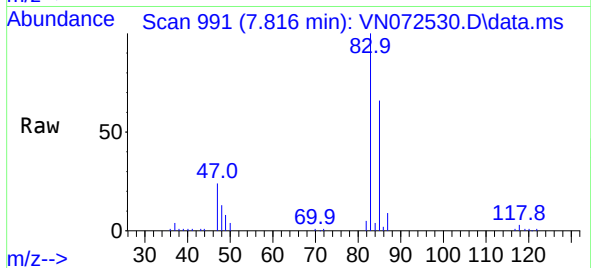
Tgt Ion: 73 Resp: 140124
Ion Ratio Lower Upper
73 100
43 10.7 18.1 27.1#





#25
Chloroform
Concen: 19.525 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

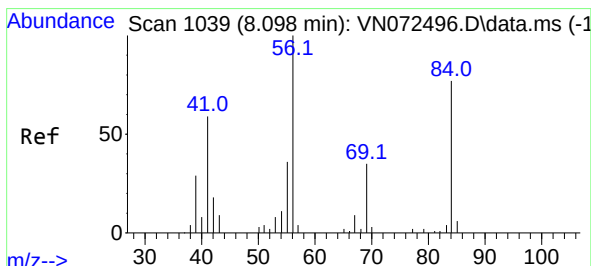
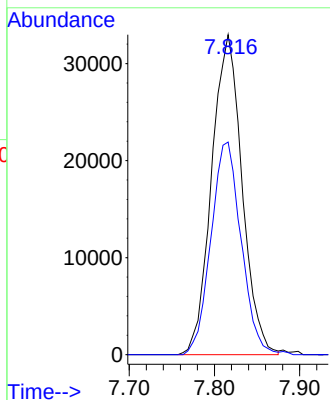
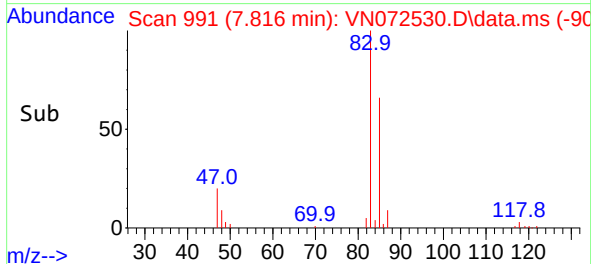
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02



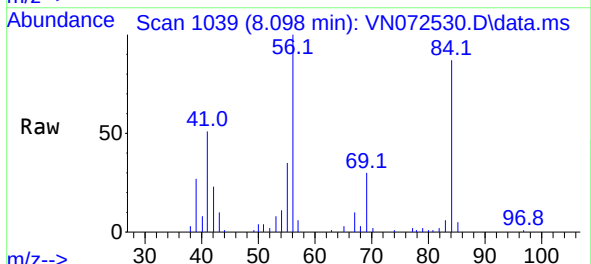
Tgt Ion: 83 Resp: 8184
Ion Ratio Lower Upper
83 100
85 66.4 51.3 76.9

Manual Integrations
APPROVED

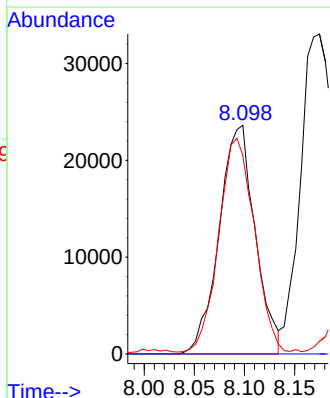
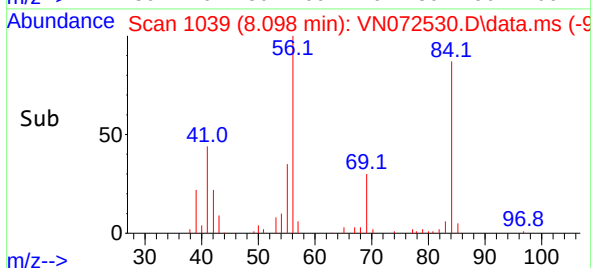
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

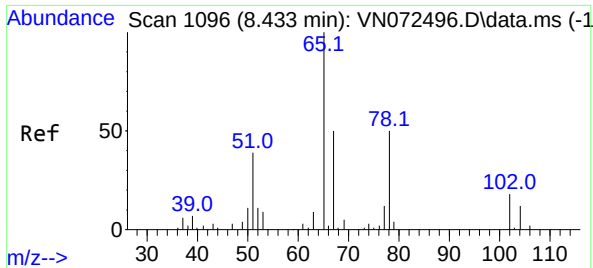


#26
Cyclohexane
Concen: 18.745 ug/l
RT: 8.098 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07



Tgt Ion: 56 Resp: 59123
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 94.4 74.6 111.8





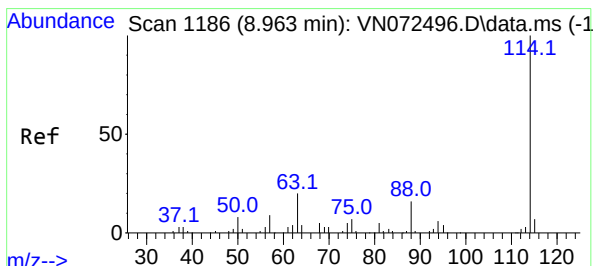
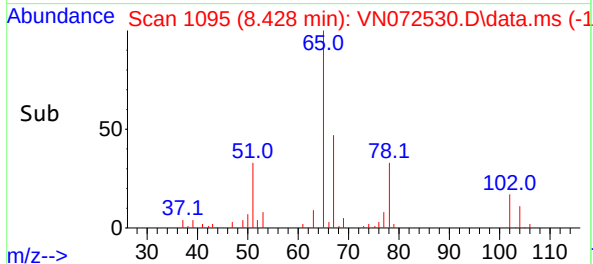
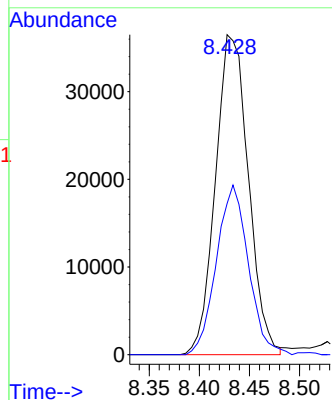
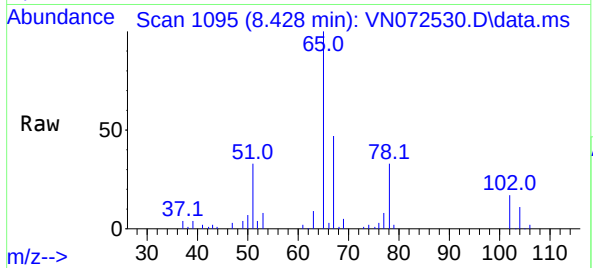
#27
1,2-Dichloroethane-d4
Concen: 27.204 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. -0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02

Tgt Ion: 65 Resp: 83412
Ion Ratio Lower Upper
65 100
67 51.5 40.2 60.2

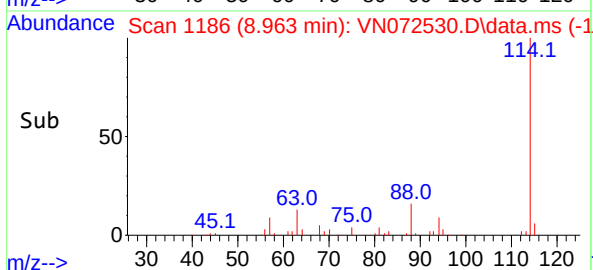
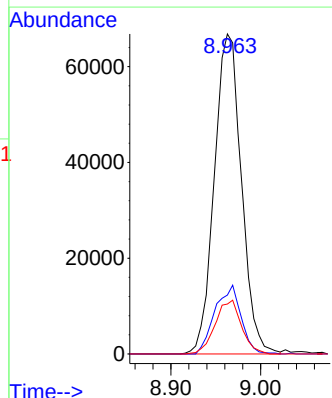
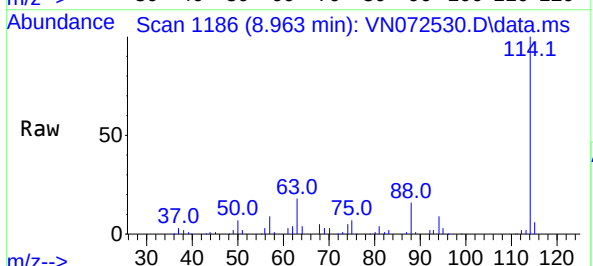
Manual Integrations
APPROVED

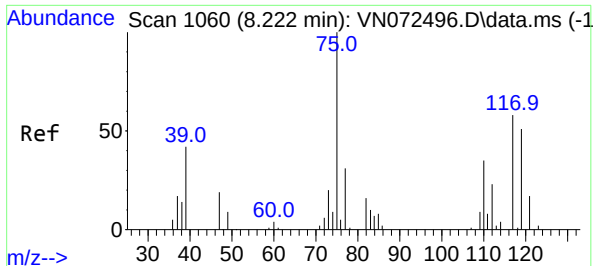
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

Tgt Ion:114 Resp: 140127
Ion Ratio Lower Upper
114 100
63 20.7 15.8 23.6
88 16.3 11.6 17.4





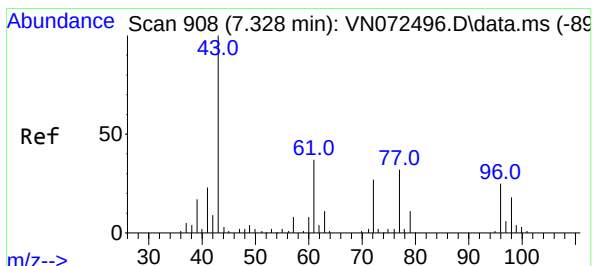
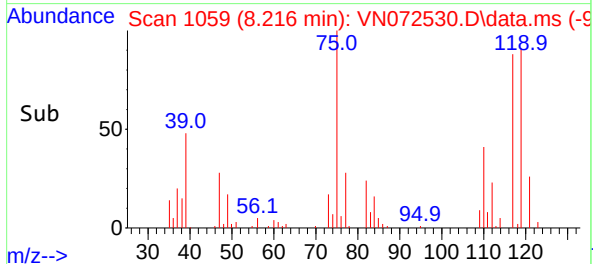
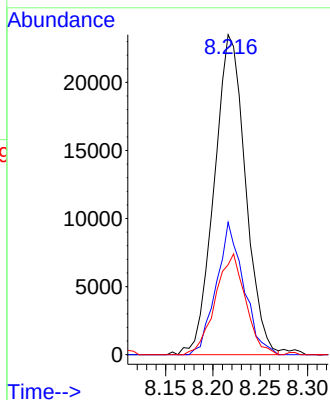
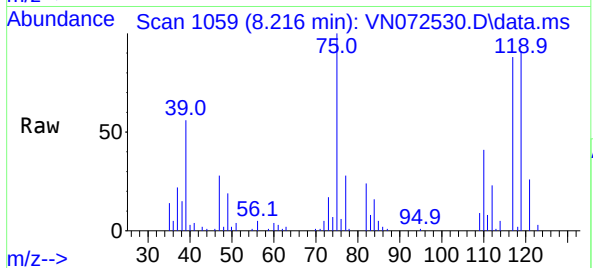
#29
1,1-Dichloropropene
Concen: 19.327 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02

Tgt Ion: 75 Resp: 53938
Ion Ratio Lower Upper
75 100
110 36.3 0.0 74.2
77 30.4 0.0 63.2

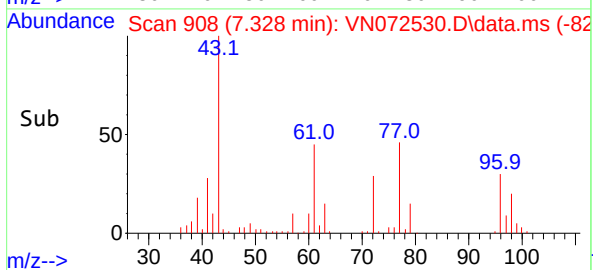
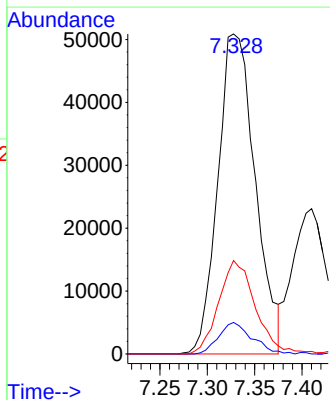
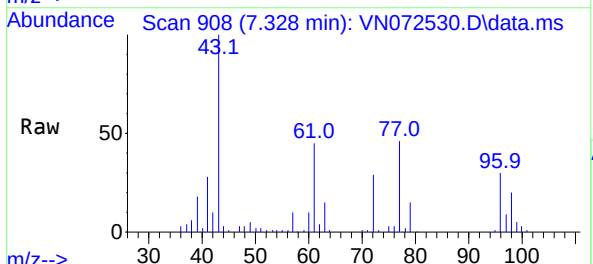
Manual Integrations
APPROVED

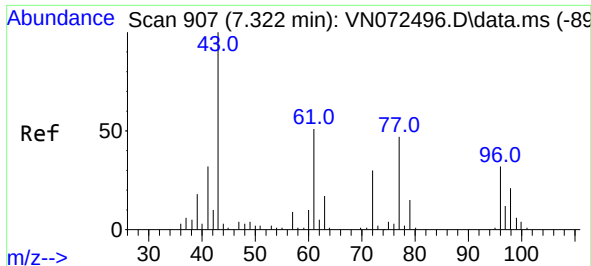
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#30
2-Butanone
Concen: 86.608 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

Tgt Ion: 43 Resp: 139890
Ion Ratio Lower Upper
43 100
57 8.8 6.7 10.1
72 28.6 23.2 34.8





#31

2,2-Dichloropropane

Concen: 19.749 ug/l

RT: 7.328 min Scan# 907

Delta R.T. 0.006 min

Lab File: VN072530.D

Acq: 17 May 2022 15:07

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBS02

Tgt Ion: 77 Resp: 68370

Ion Ratio Lower Upper

77 100

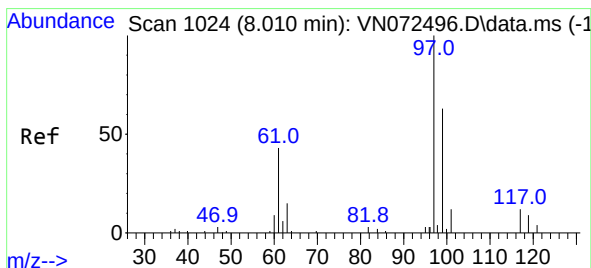
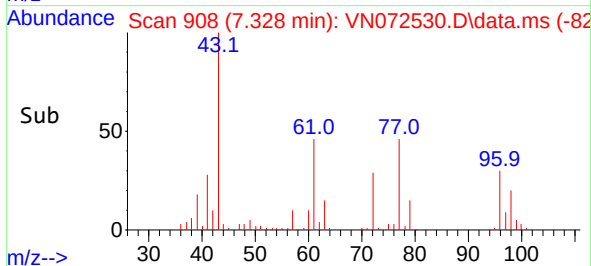
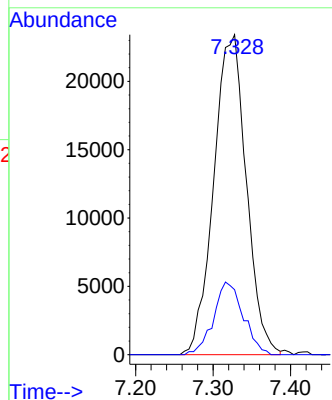
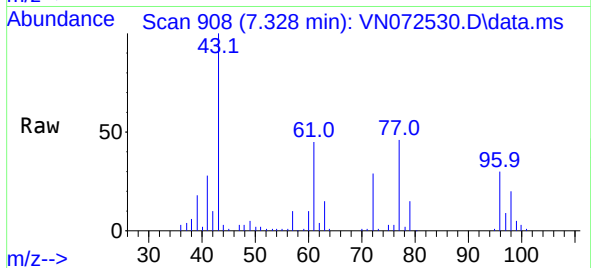
97 20.7 18.3 27.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#32

1,1,1-Trichloroethane

Concen: 19.607 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. 0.000 min

Lab File: VN072530.D

Acq: 17 May 2022 15:07

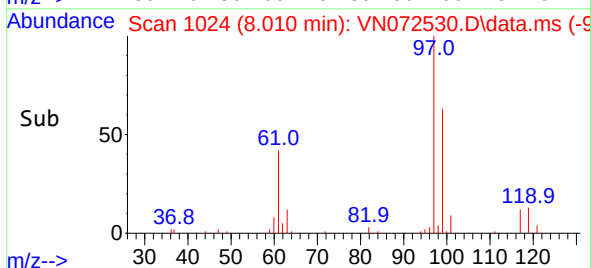
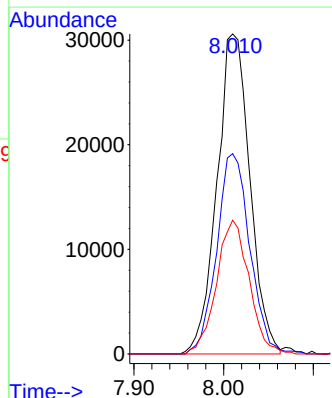
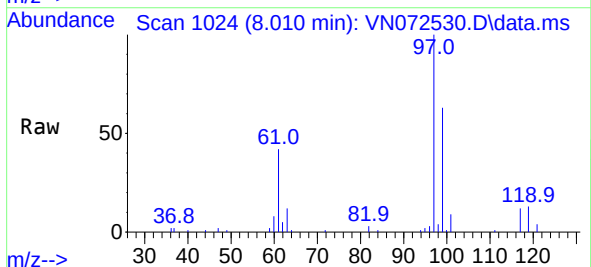
Tgt Ion: 97 Resp: 78048

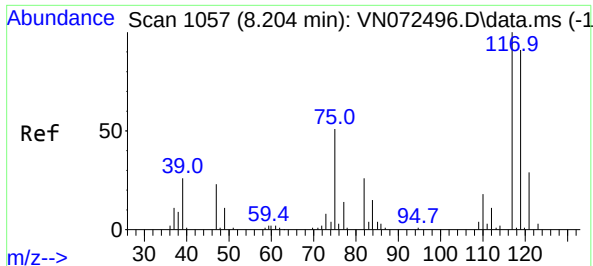
Ion Ratio Lower Upper

97 100

99 62.7 50.4 75.6

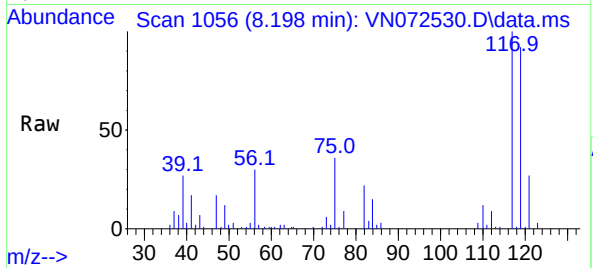
61 41.4 34.6 51.8





#33
Carbon Tetrachloride
Concen: 19.487 ug/l
RT: 8.198 min Scan# 1100
Delta R.T. -0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

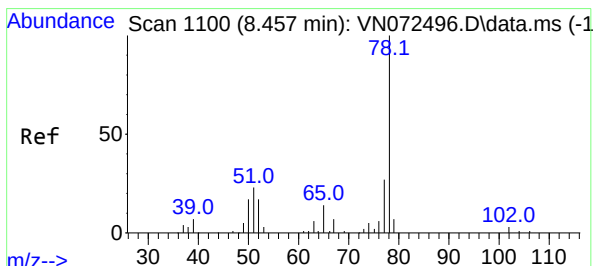
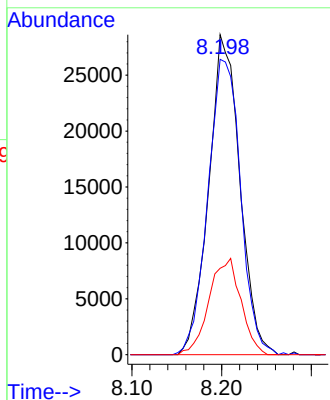
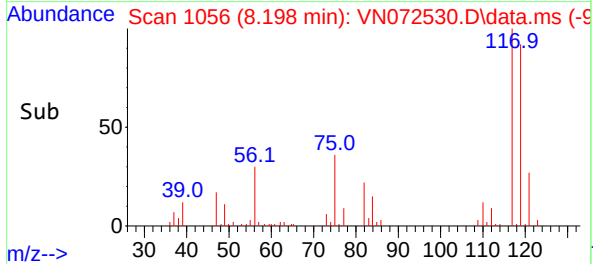
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02



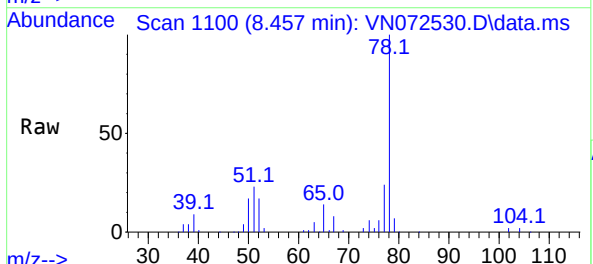
Tgt Ion:117 Resp: 68934
Ion Ratio Lower Upper
117 100
119 92.3 77.5 116.3
121 27.0 23.5 35.3

Manual Integrations
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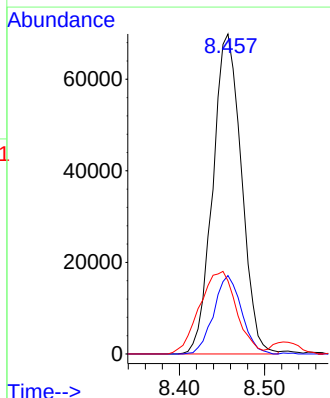
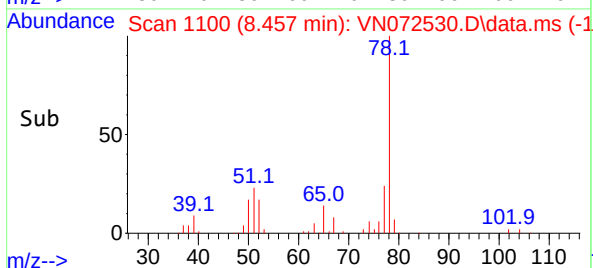
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

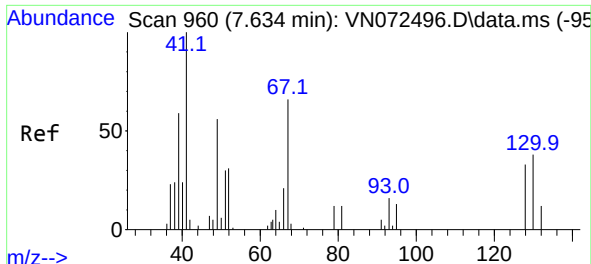


#34
Benzene
Concen: 20.601 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07



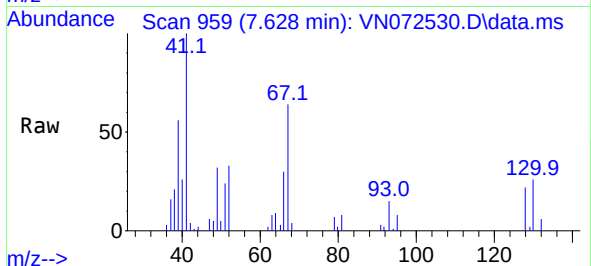
Tgt Ion: 78 Resp: 163360
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7
51 21.3 16.0 24.0





#35
Methacrylonitrile
Concen: 19.305 ug/l
RT: 7.628 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

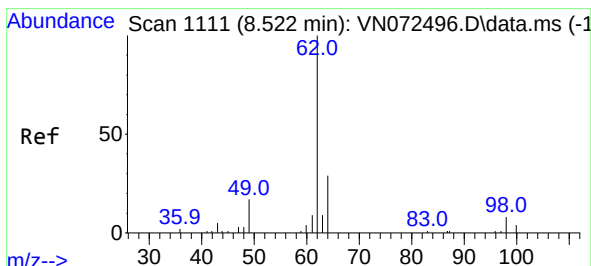
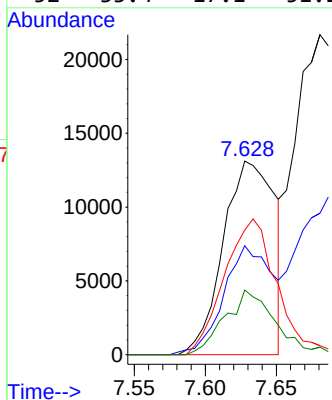
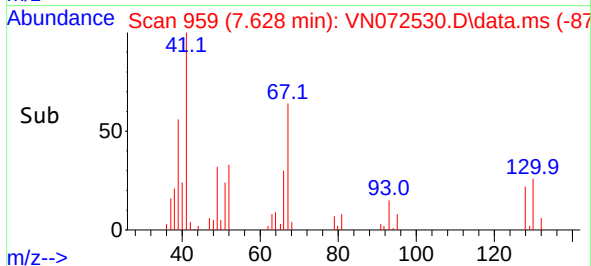
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02



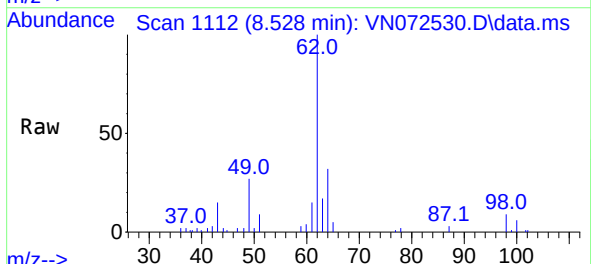
Tgt Ion: 41 Resp: 3296
Ion Ratio Lower Upper
41 100
39 54.9 28.0 83.9
67 64.3 37.7 113.1
52 33.4 17.1 51.2

Manual Integrations
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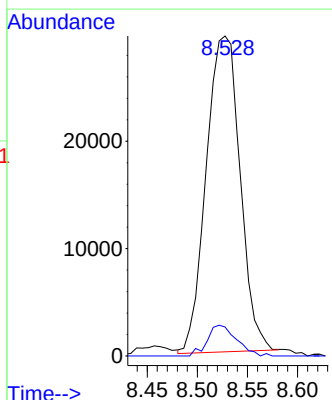
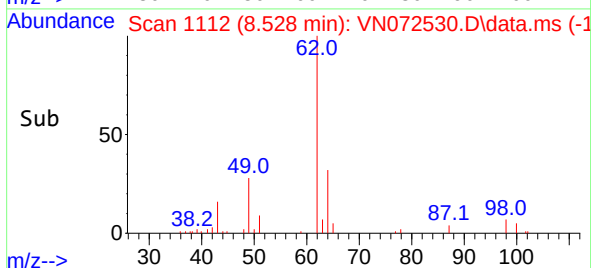
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

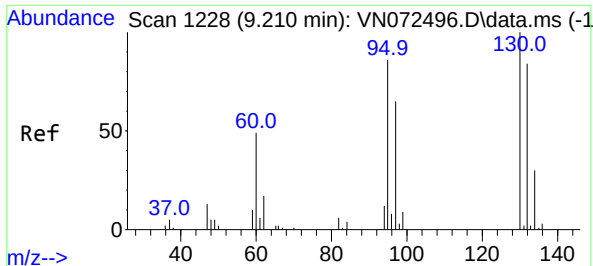


#36
1,2-Dichloroethane
Concen: 18.773 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07



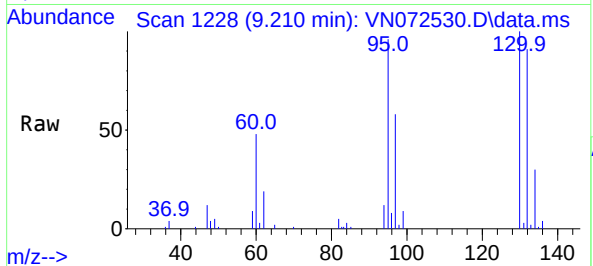
Tgt Ion: 62 Resp: 69326
Ion Ratio Lower Upper
62 100
98 8.3 6.6 10.0





#37
Trichloroethene
Concen: 20.142 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

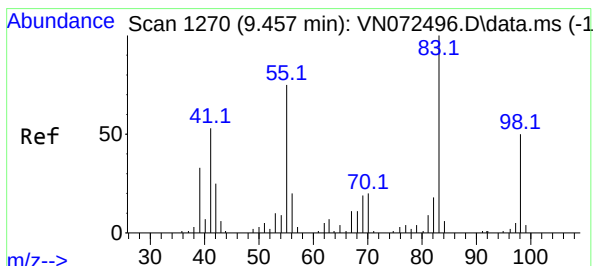
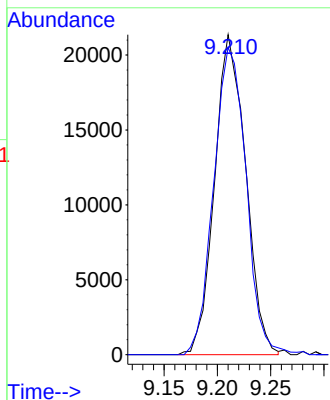
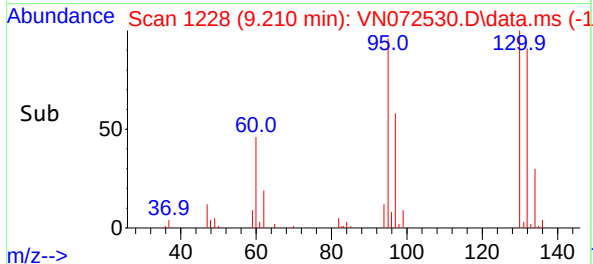
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02



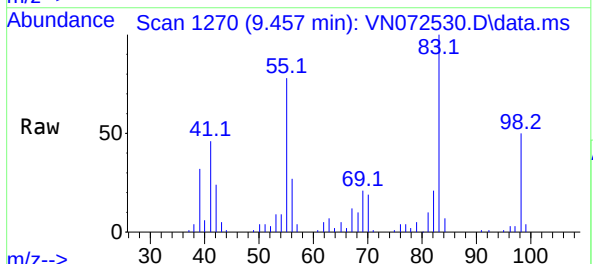
Tgt Ion:130 Resp: 4333
Ion Ratio Lower Upper
130 100
95 96.1 76.6 115.0

Manual Integrations
APPROVED

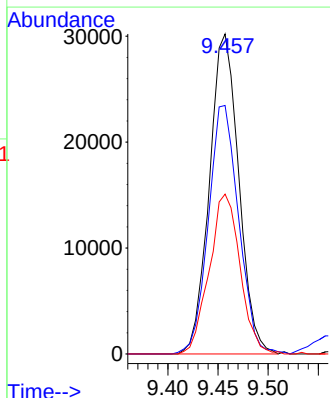
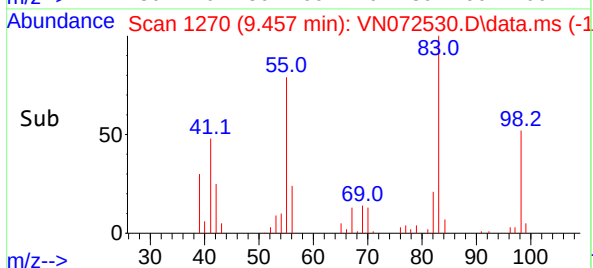
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

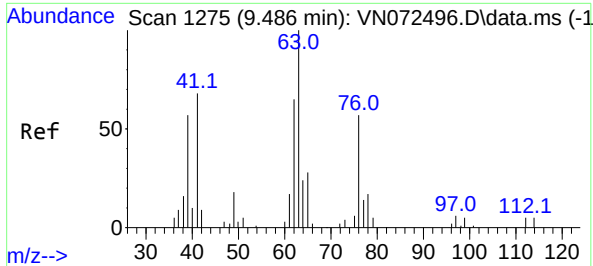


#38
Methylcyclohexane
Concen: 19.085 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07



Tgt Ion: 83 Resp: 61578
Ion Ratio Lower Upper
83 100
55 80.1 35.1 105.3
98 52.4 23.4 70.2





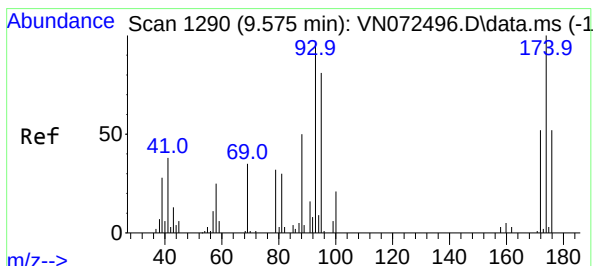
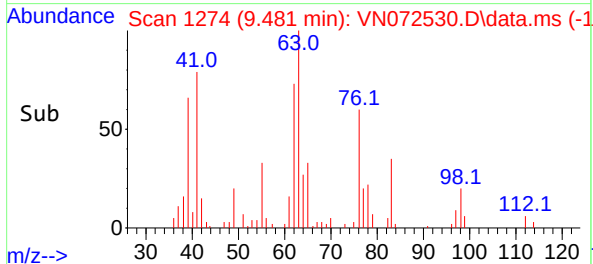
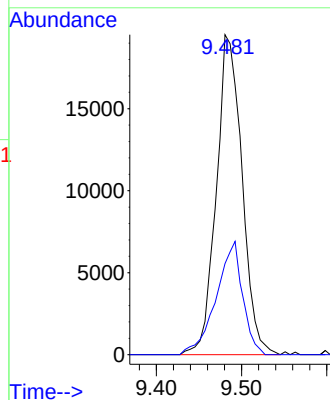
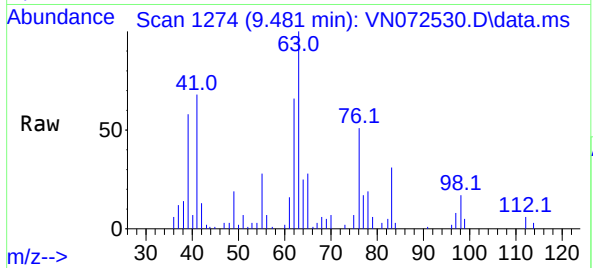
#39
1,2-Dichloropropane
Concen: 20.458 ug/l
RT: 9.481 min Scan# 1274
Delta R.T. -0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02

Tgt Ion: 63 Resp: 4086
Ion Ratio Lower Upper
63 100
65 28.5 24.2 36.4

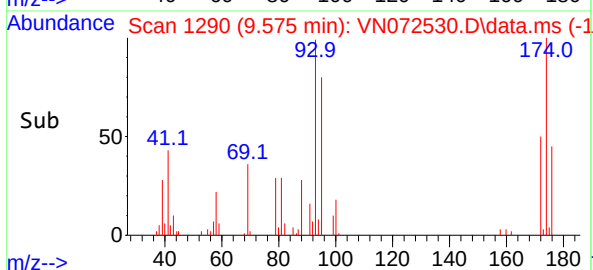
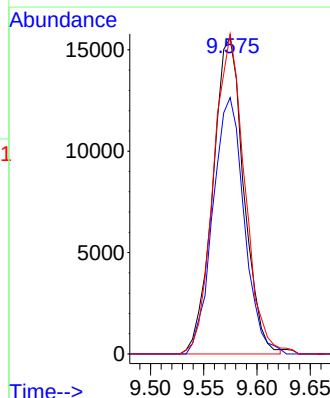
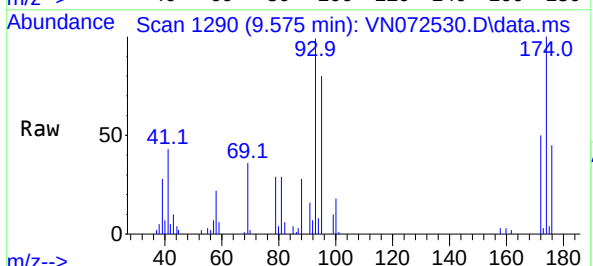
Manual Integrations
APPROVED

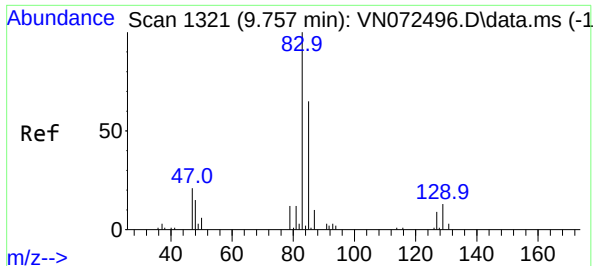
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#40
Dibromomethane
Concen: 20.417 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

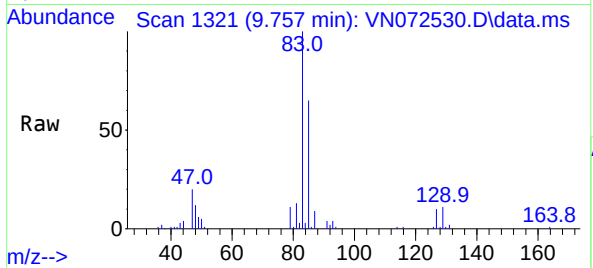
Tgt Ion: 93 Resp: 31482
Ion Ratio Lower Upper
93 100
95 82.0 0.0 168.8
174 101.8 0.0 173.6





#41
Bromodichloromethane
Concen: 19.493 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

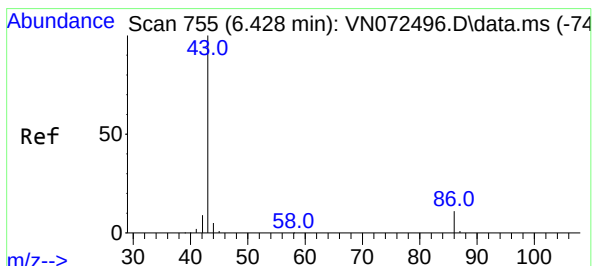
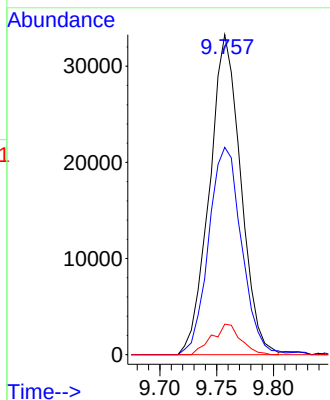
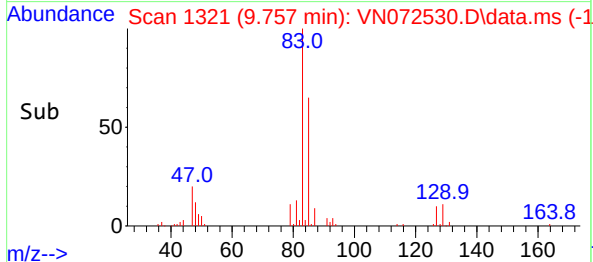
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02



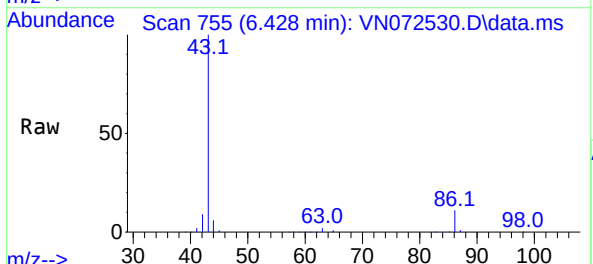
Tgt Ion: 83 Resp: 63680
Ion Ratio Lower Upper
83 100
85 64.8 54.1 81.1
127 9.6 7.6 11.4

Manual Integrations
APPROVED

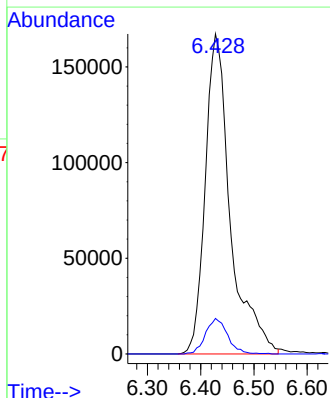
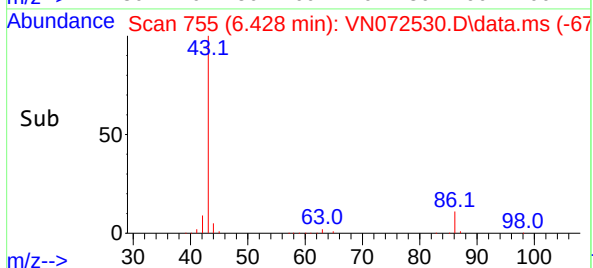
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

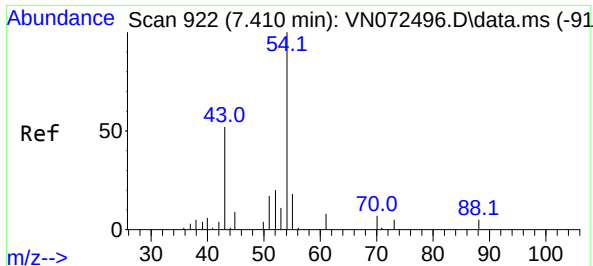


#42
Vinyl Acetate
Concen: 100.705 ug/l
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07



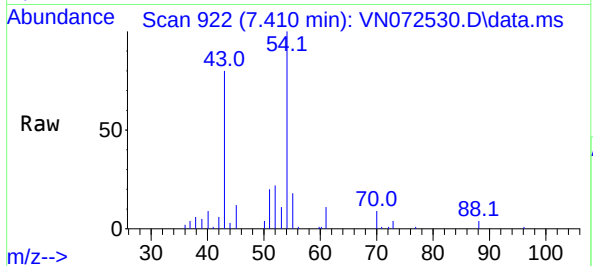
Tgt Ion: 43 Resp: 547479
Ion Ratio Lower Upper
43 100
86 9.7 7.5 11.3





#43
Ethyl Acetate
Concen: 19.618 ug/l
RT: 7.410 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

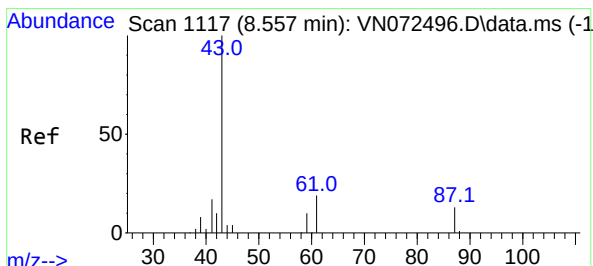
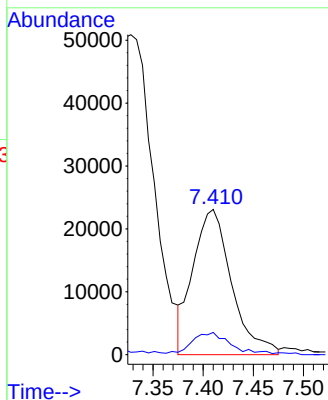
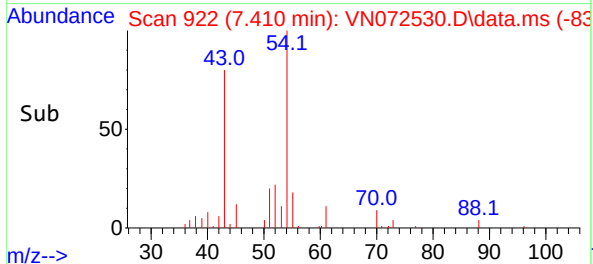
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02



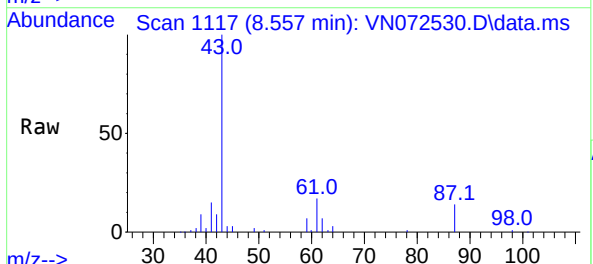
Tgt Ion: 43 Resp: 6188
Ion Ratio Lower Upper
43 100
45 14.6 10.6 16.0

Manual Integrations
APPROVED

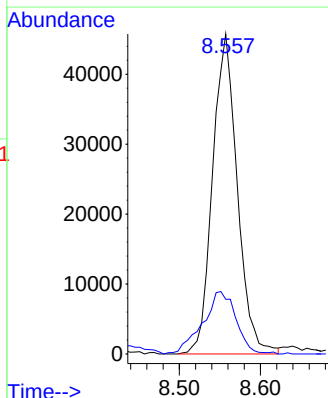
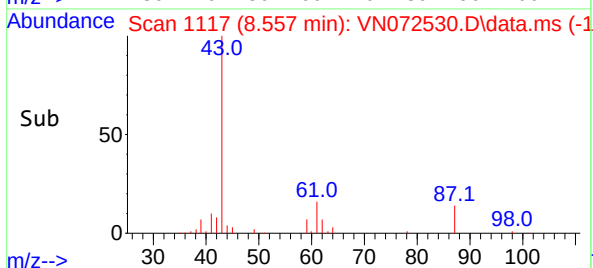
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

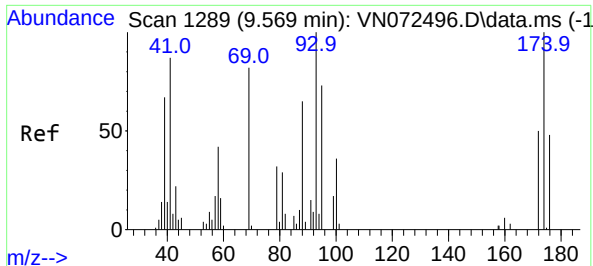


#44
Isopropyl Acetate
Concen: 19.208 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07



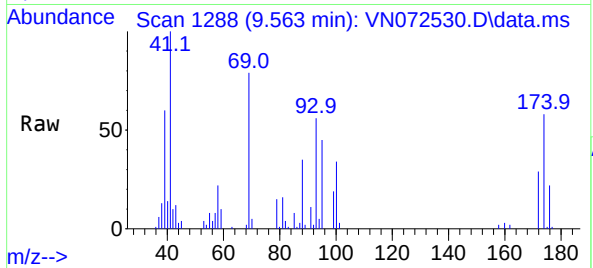
Tgt Ion: 43 Resp: 96988
Ion Ratio Lower Upper
43 100
61 26.2 20.1 30.1





#45
1,4-Dioxane
Concen: 282.126 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

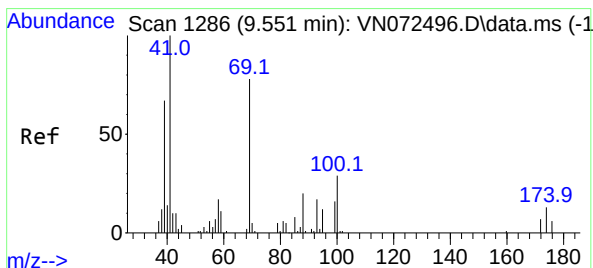
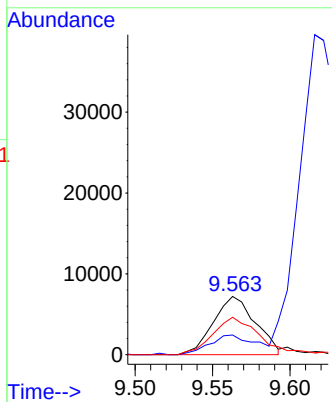
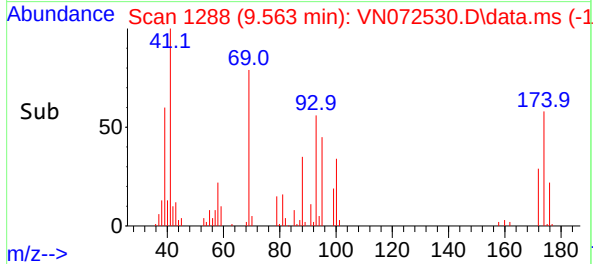
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02



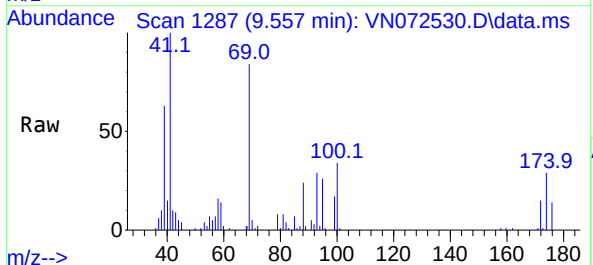
Tgt Ion: 88 Resp: 13568
Ion Ratio Lower Upper
88 100
43 36.8 25.0 37.6
58 68.5 49.4 74.2

Manual Integrations
APPROVED

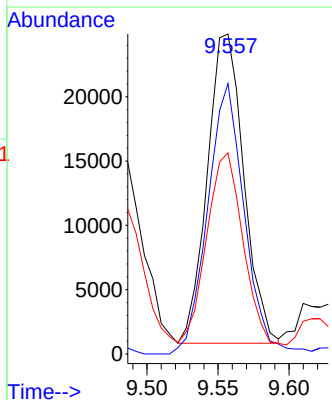
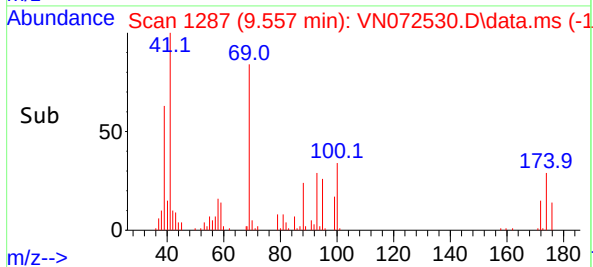
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

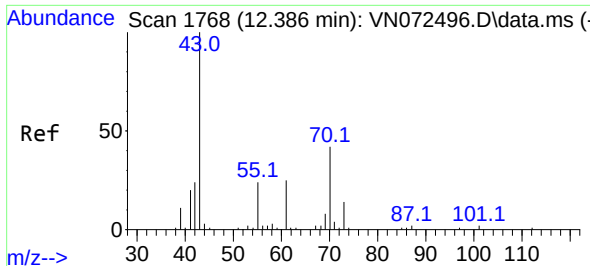


#46
Methyl methacrylate
Concen: 18.011 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07



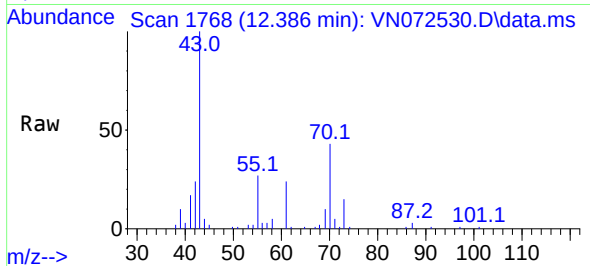
Tgt Ion: 41 Resp: 43033
Ion Ratio Lower Upper
41 100
69 85.3 44.4 133.2
39 61.6 39.9 119.6





#47
n-amy1 Acetate
Concen: 16.010 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

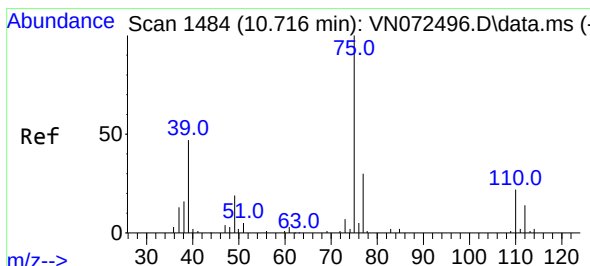
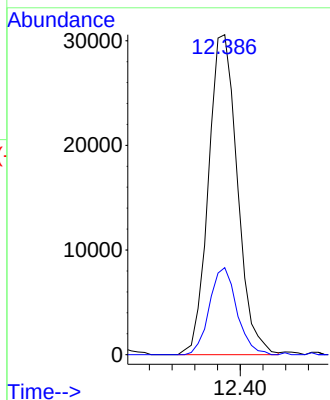
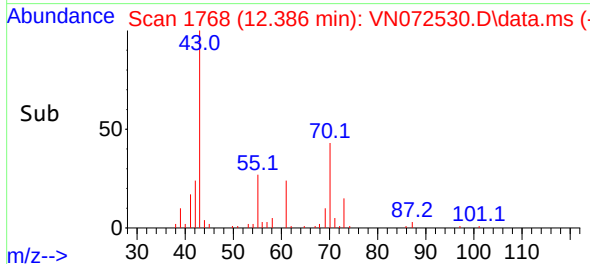
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02



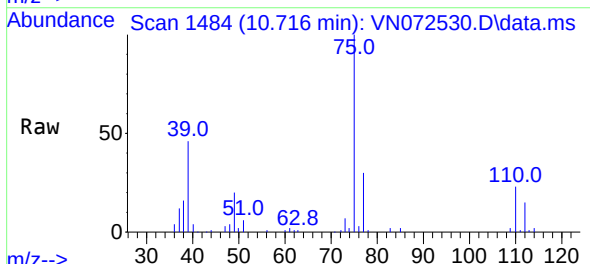
Tgt Ion: 43 Resp: 54110
Ion Ratio Lower Upper
43 100
55 25.6 19.0 28.6

Manual Integrations
APPROVED

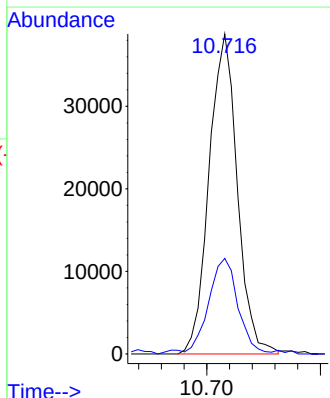
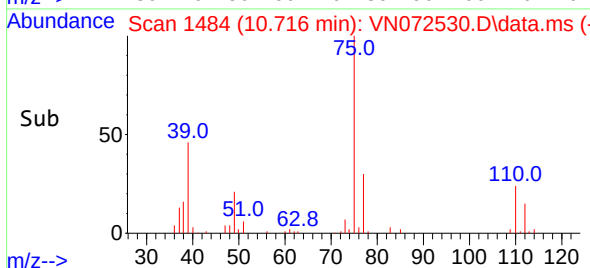
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

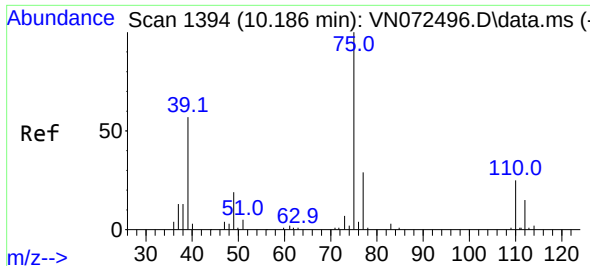


#48
t-1,3-Dichloropropene
Concen: 19.389 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07



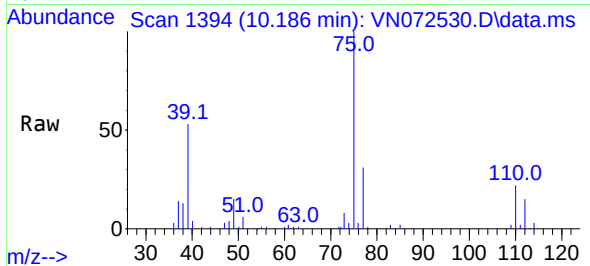
Tgt Ion: 75 Resp: 66867
Ion Ratio Lower Upper
75 100
77 28.7 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 19.968 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

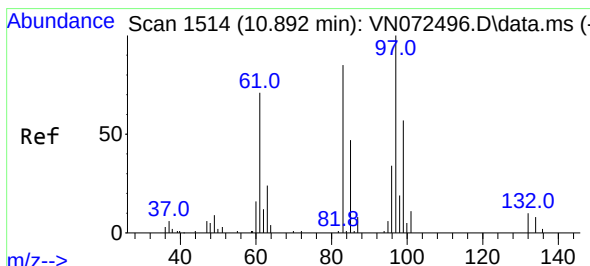
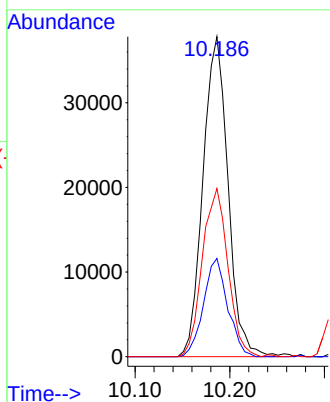
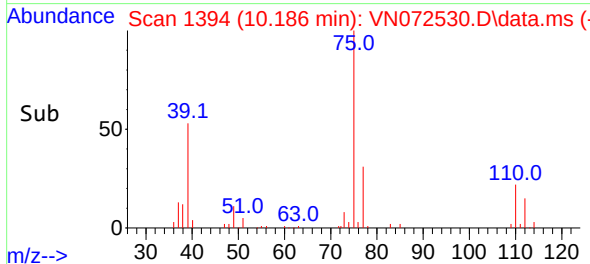
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02



Tgt Ion: 75 Resp: 6940
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9
39 52.5 46.2 69.4

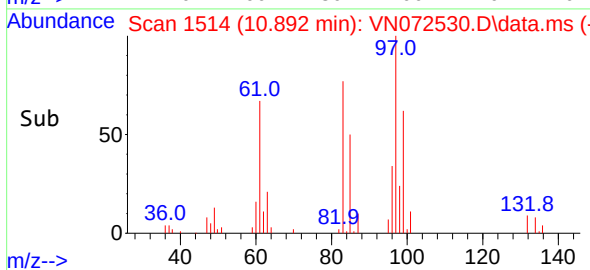
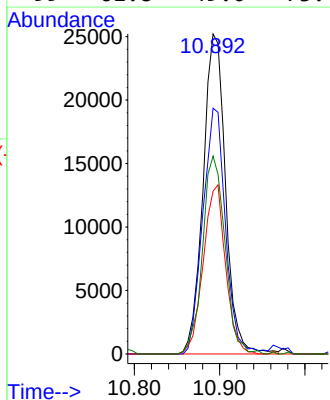
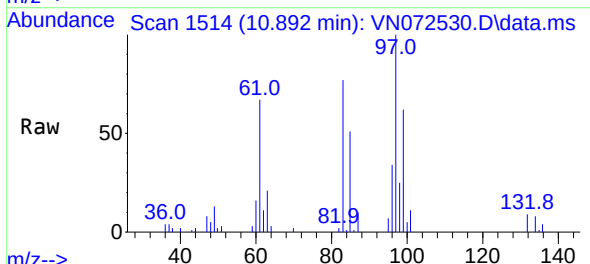
Manual Integrations
APPROVED

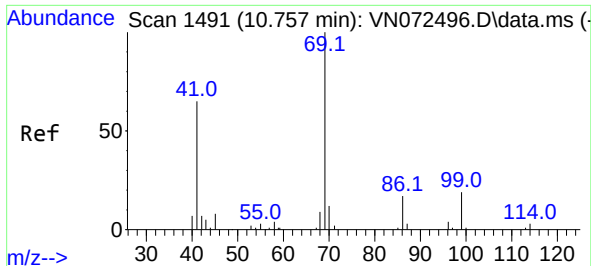
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#50
1,1,2-Trichloroethane
Concen: 21.683 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

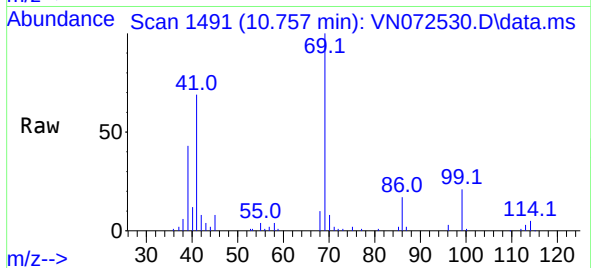
Tgt Ion: 97 Resp: 46117
Ion Ratio Lower Upper
97 100
83 76.8 67.2 100.8
85 50.9 43.0 64.4
99 61.8 49.0 73.4





#51
Ethyl methacrylate
Concen: 19.251 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

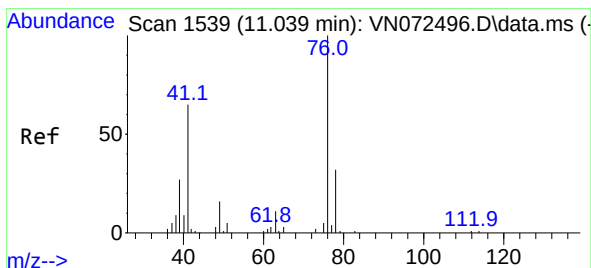
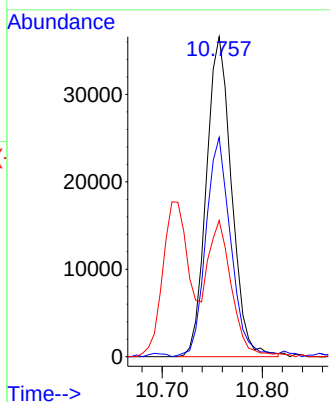
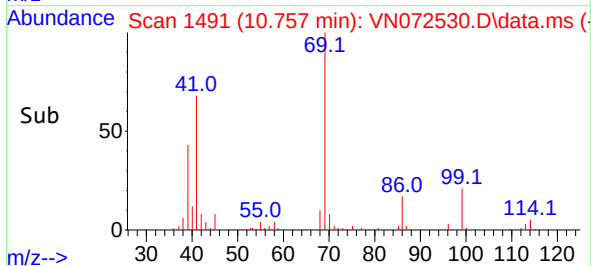
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02



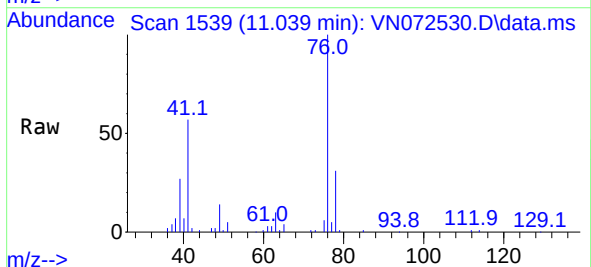
Tgt Ion: 69 Resp: 6384
Ion Ratio Lower Upper
69 100
41 68.1 33.0 98.9
39 41.6 25.4 76.4

Manual Integrations
APPROVED

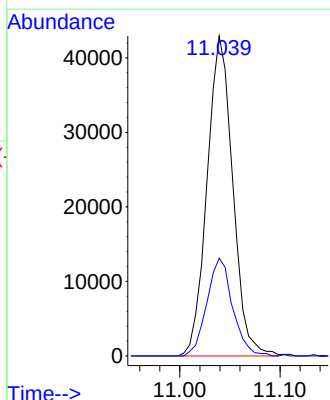
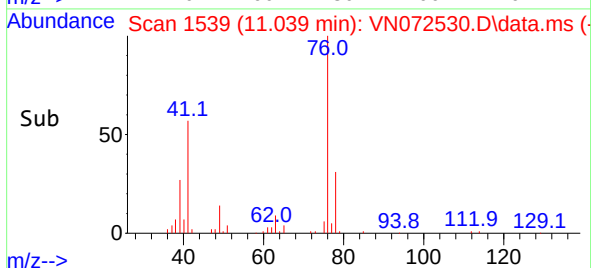
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

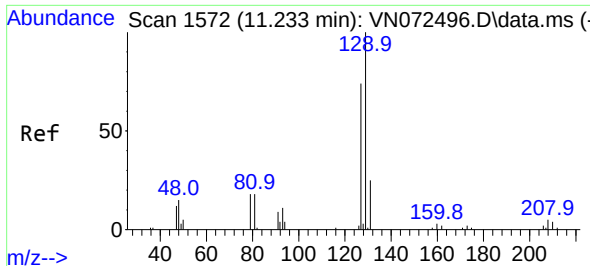


#52
1,3-Dichloropropane
Concen: 20.796 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07



Tgt Ion: 76 Resp: 76418
Ion Ratio Lower Upper
76 100
78 30.5 0.0 65.4





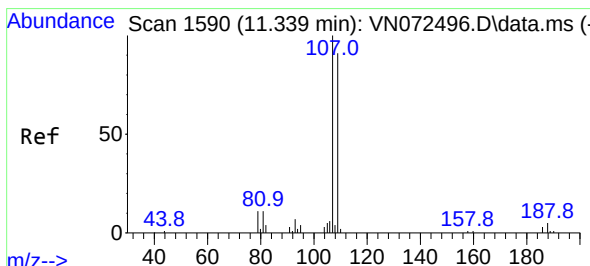
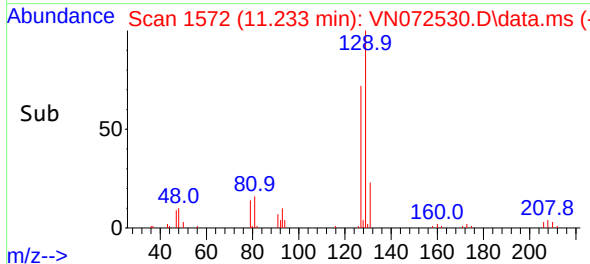
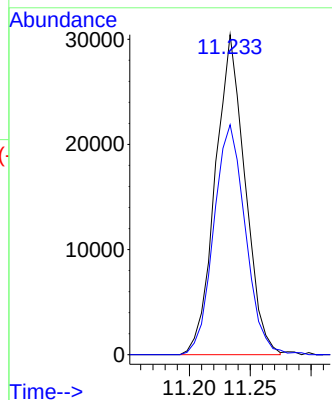
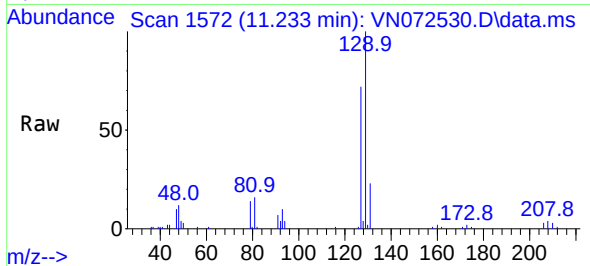
#53
Dibromochloromethane
Concen: 20.183 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02

Tgt Ion:129 Resp: 51829
Ion Ratio Lower Upper
129 100
127 76.2 39.0 117.0

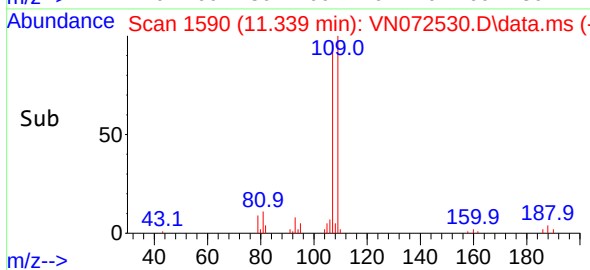
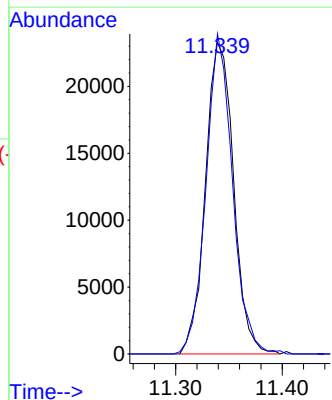
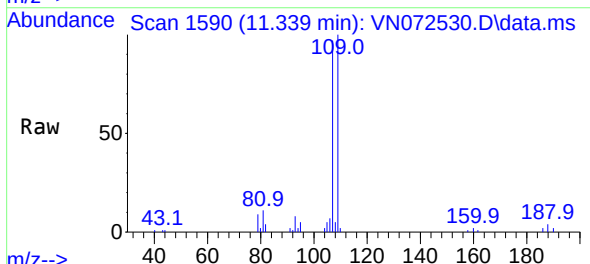
Manual Integrations
APPROVED

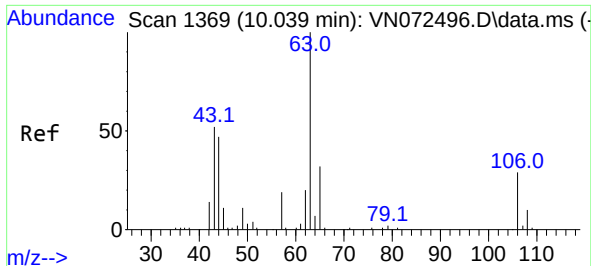
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#54
1,2-Dibromoethane
Concen: 18.907 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

Tgt Ion:107 Resp: 42775
Ion Ratio Lower Upper
107 100
109 96.7 72.8 109.2





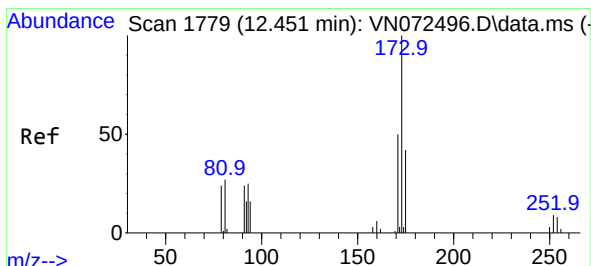
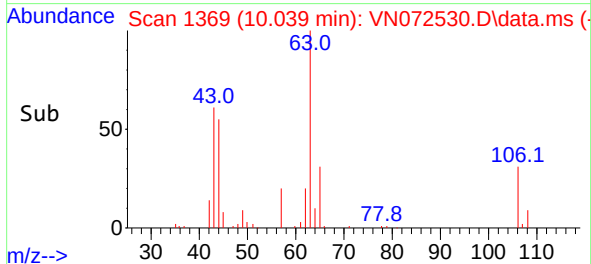
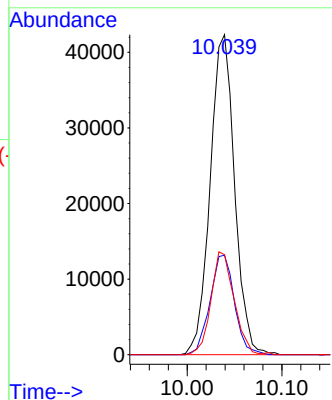
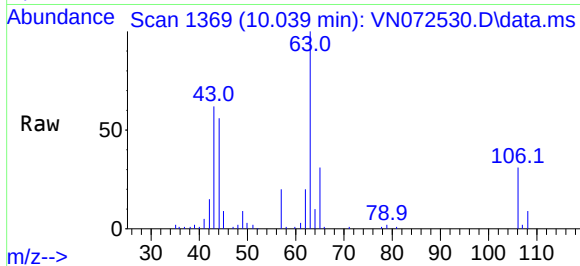
#55
2-Chloroethyl vinyl ether
Concen: 90.316 ug/l
RT: 10.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02

Tgt Ion: 63 Resp: 76000
Ion Ratio Lower Upper
63 100
65 31.1 25.4 38.0
106 30.2 23.2 34.8

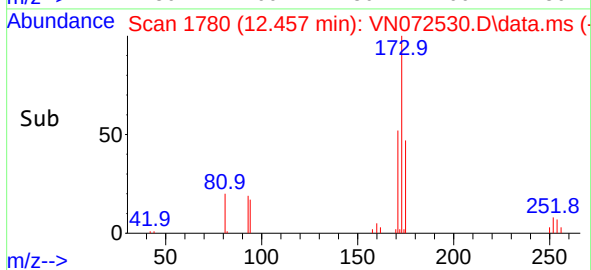
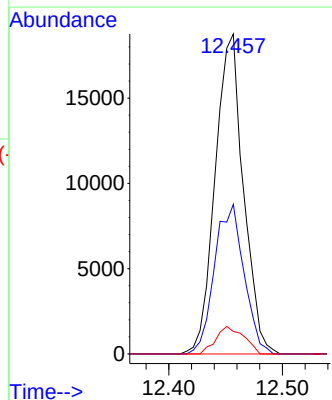
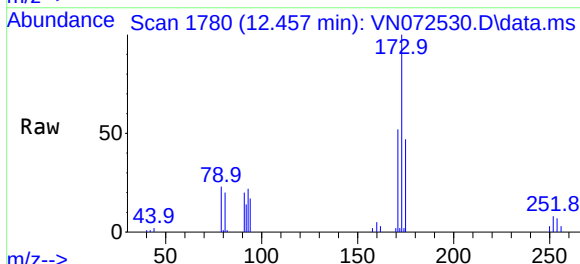
Manual Integrations
APPROVED

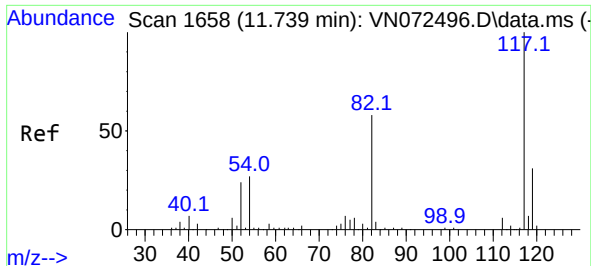
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#56
Bromoform
Concen: 16.761 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

Tgt Ion:173 Resp: 32461
Ion Ratio Lower Upper
173 100
175 48.7 38.6 58.0
254 8.5 0.0 0.0#





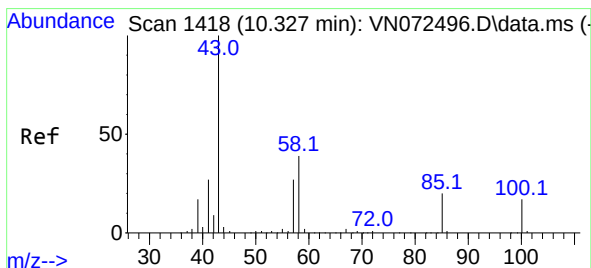
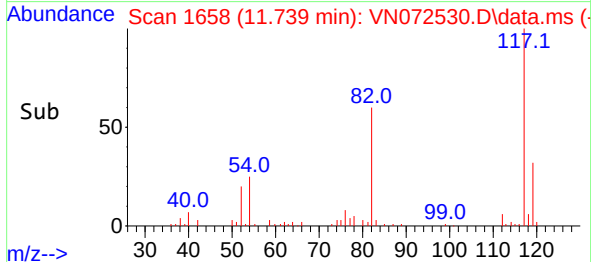
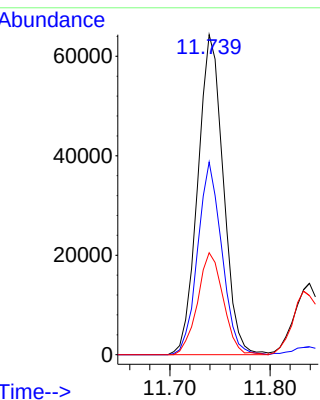
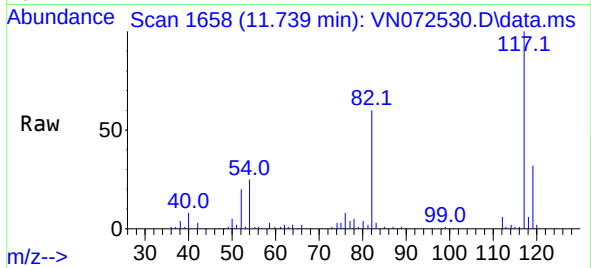
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02

Tgt Ion:117 Resp: 11382
Ion Ratio Lower Upper
117 100
82 57.0 43.6 65.4
119 31.7 25.8 38.6

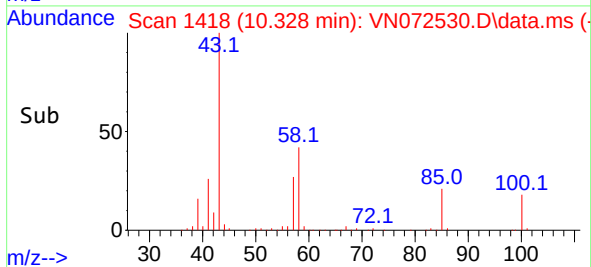
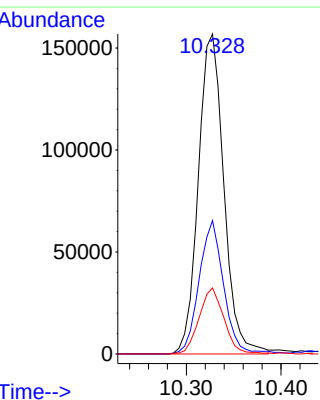
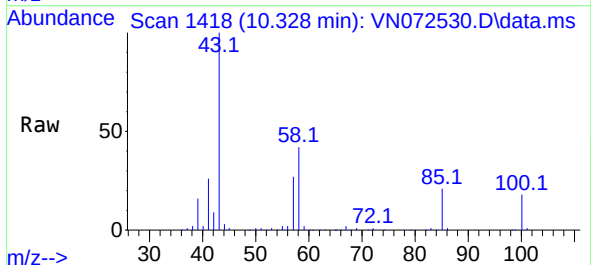
Manual Integrations
APPROVED

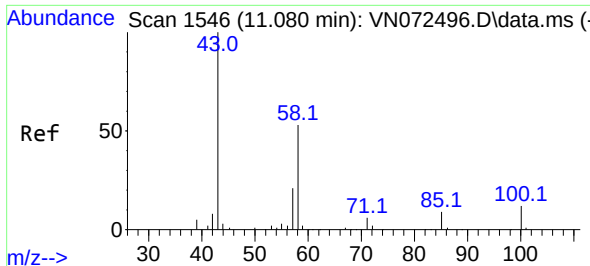
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#58
4-Methyl-2-Pentanone
Concen: 109.657 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

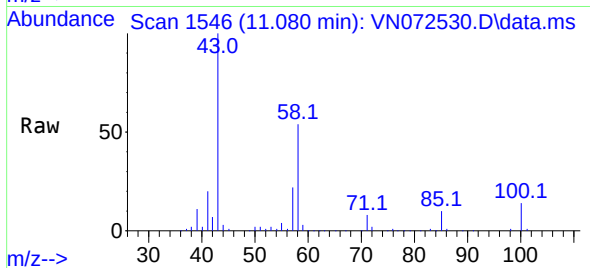
Tgt Ion: 43 Resp: 294106
Ion Ratio Lower Upper
43 100
58 39.5 30.0 45.0
85 20.1 15.0 22.6





#59
2-Hexanone
Concen: 103.028 ug/l
RT: 11.080 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

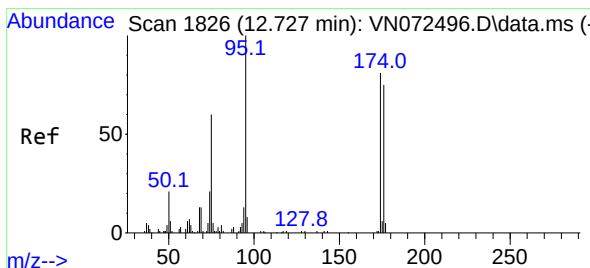
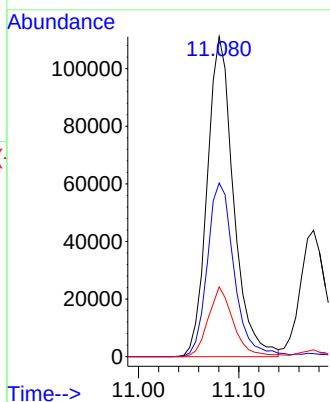
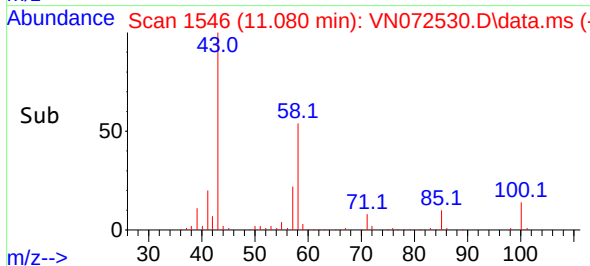
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02



Tgt Ion: 43 Resp: 20299
Ion Ratio Lower Upper
43 100
58 55.3 42.2 63.2
57 20.9 15.0 22.4

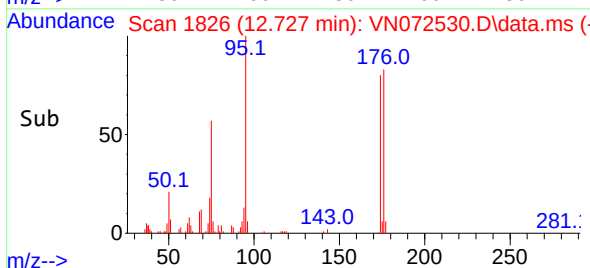
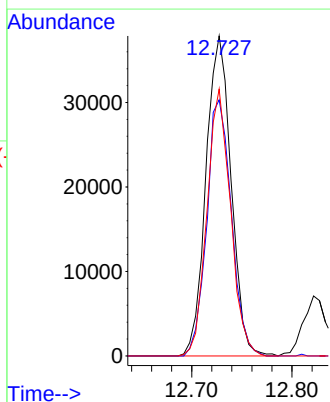
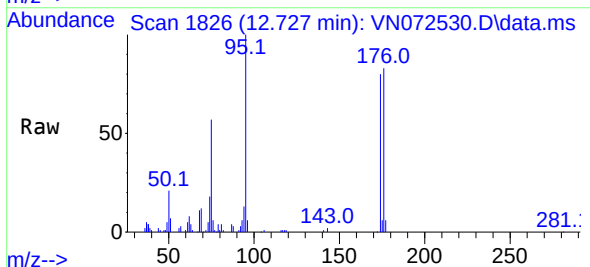
Manual Integrations
APPROVED

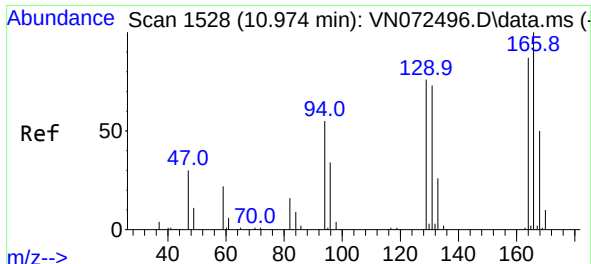
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#60
4-Bromofluorobenzene
Concen: 29.672 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

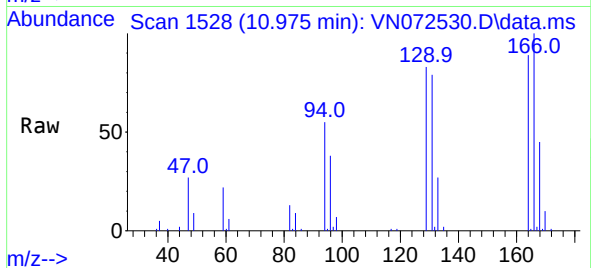
Tgt Ion: 95 Resp: 65944
Ion Ratio Lower Upper
95 100
174 78.7 62.9 94.3
176 78.1 61.0 91.4





#61
Tetrachloroethene
Concen: 24.645 ug/l
RT: 10.975 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

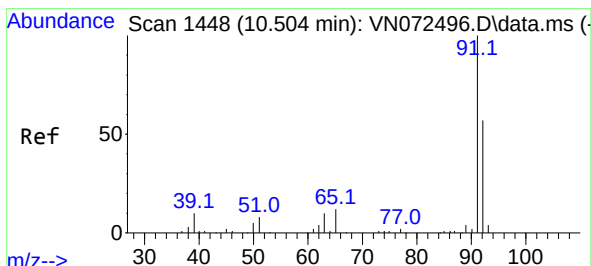
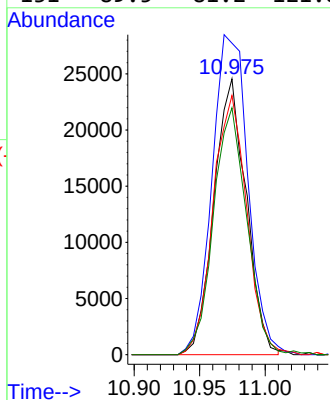
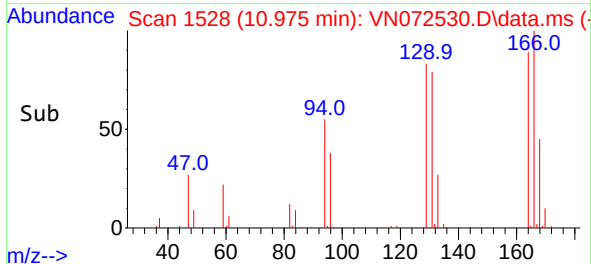
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02



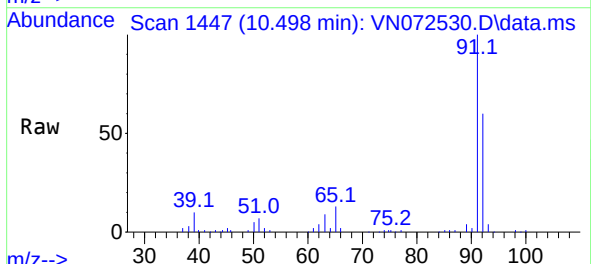
Tgt Ion:164 Resp: 42009
Ion Ratio Lower Upper
164 100
166 113.0 105.8 158.8
129 94.0 82.5 123.7
131 89.5 81.2 121.8

Manual Integrations
APPROVED

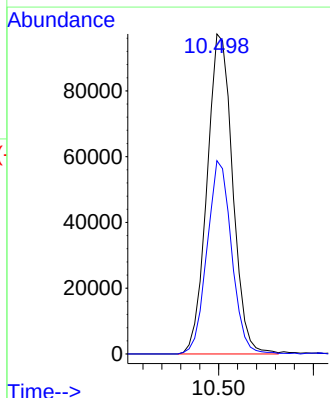
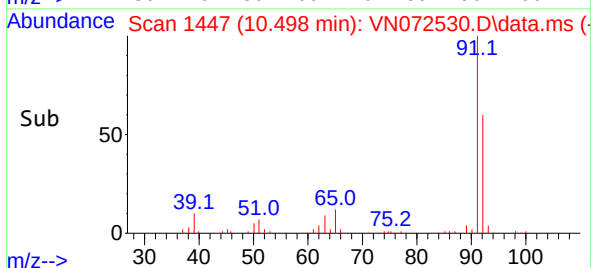
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

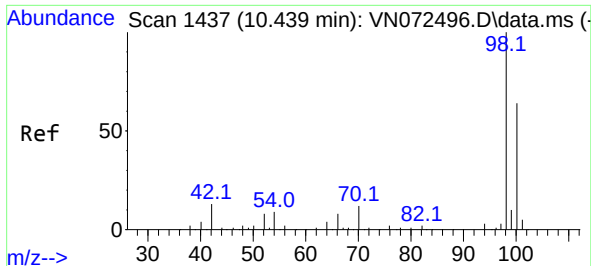


#62
Toluene
Concen: 23.730 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07



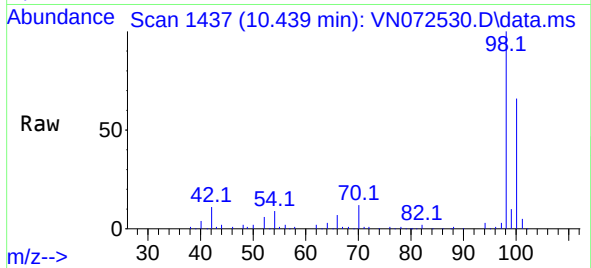
Tgt Ion: 91 Resp: 182477
Ion Ratio Lower Upper
91 100
92 58.0 44.6 67.0





#63
Toluene-d8
Concen: 34.849 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

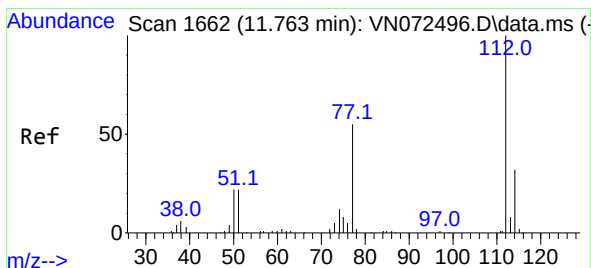
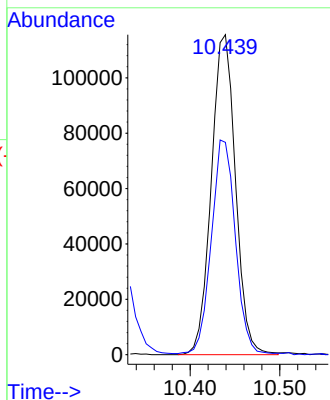
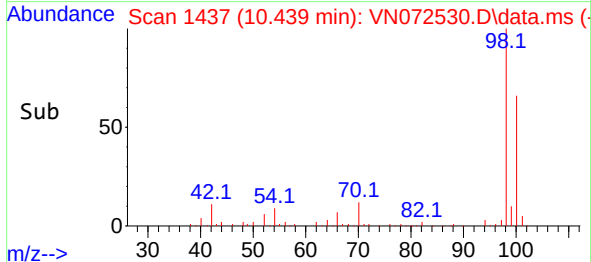
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02



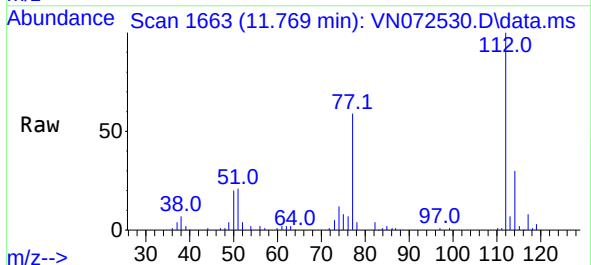
Tgt Ion: 98 Resp: 216528
Ion Ratio Lower Upper
98 100
100 67.0 50.6 76.0

Manual Integrations
APPROVED

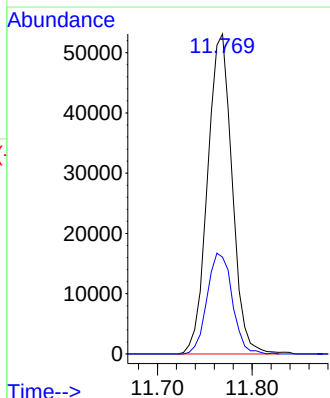
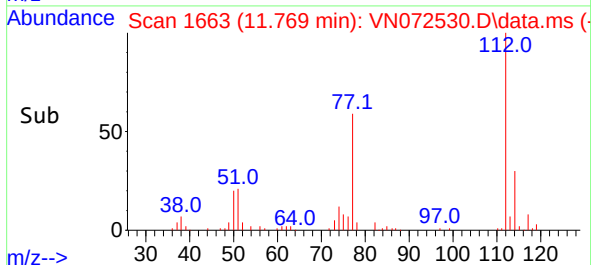
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

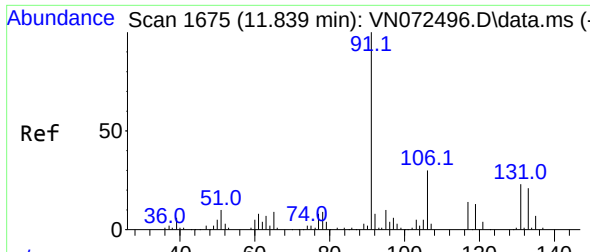


#64
Chlorobenzene
Concen: 19.900 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07



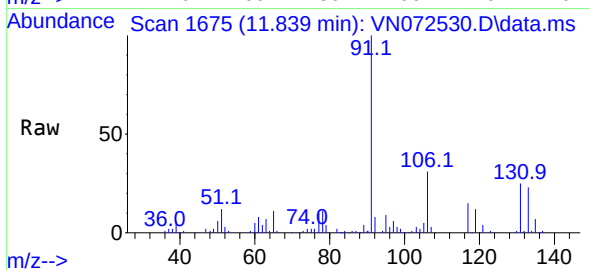
Tgt Ion:112 Resp: 95450
Ion Ratio Lower Upper
112 100
114 30.3 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 20.851 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

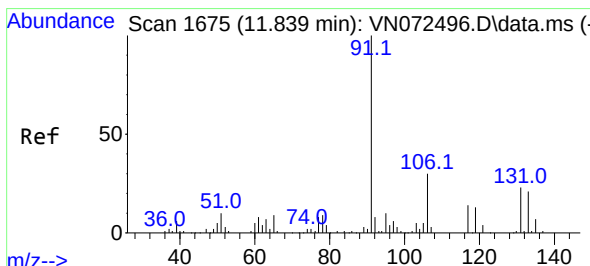
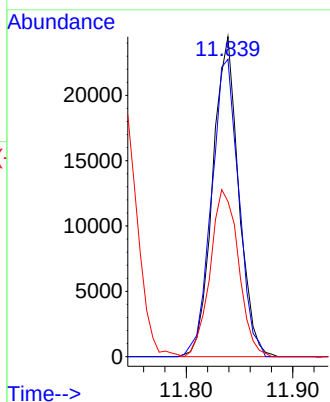
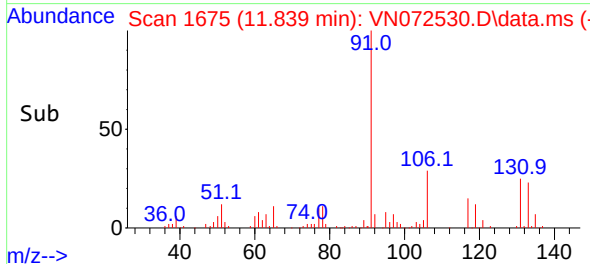
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02



Tgt Ion:131 Resp: 4135
Ion Ratio Lower Upper
131 100
133 97.6 0.0 191.2
119 57.1 0.0 128.8

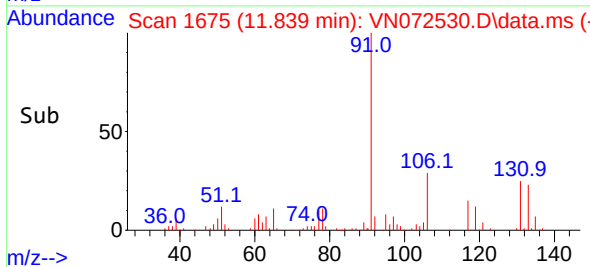
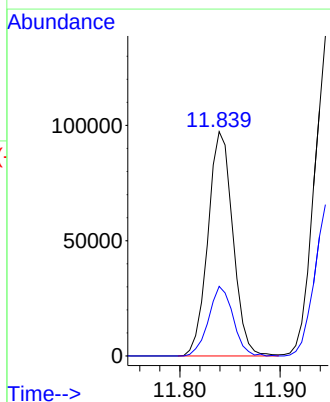
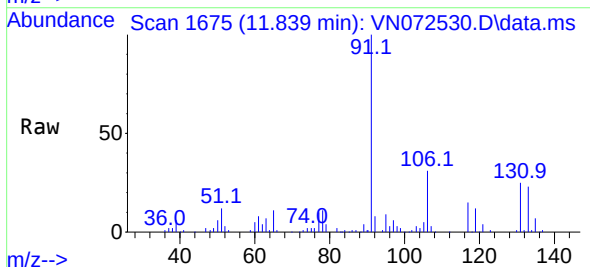
Manual Integrations
APPROVED

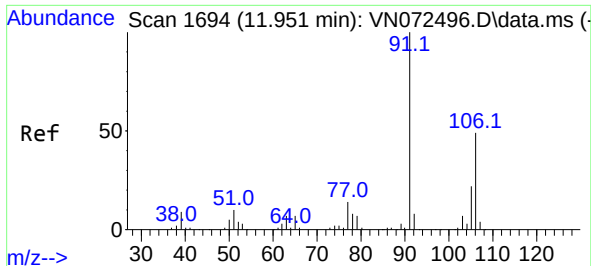
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#66
Ethyl Benzene
Concen: 19.418 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

Tgt Ion: 91 Resp: 167946
Ion Ratio Lower Upper
91 100
106 31.0 24.0 36.0





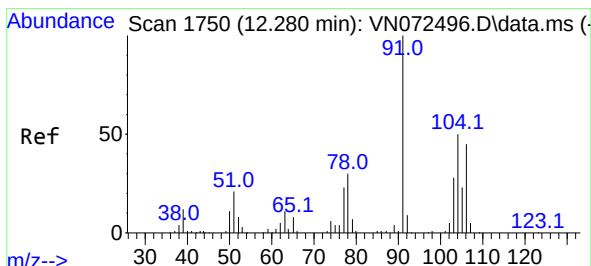
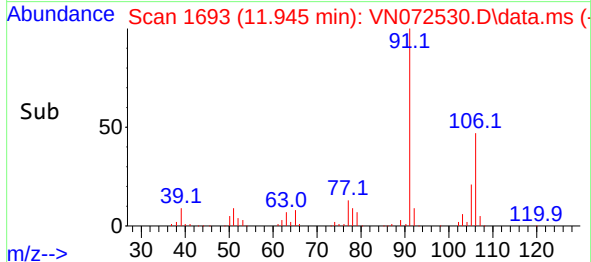
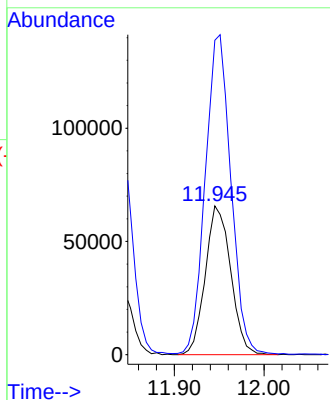
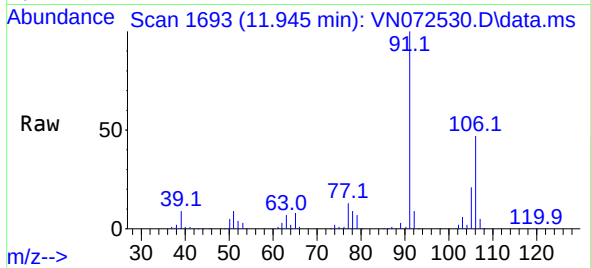
#67
m/p-Xylenes
Concen: 39.433 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02

Tgt Ion:106 Resp: 129300
Ion Ratio Lower Upper
106 100
91 217.3 162.9 244.3

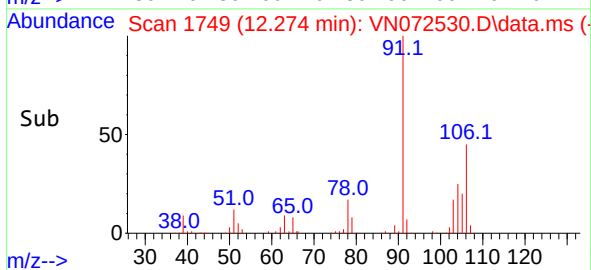
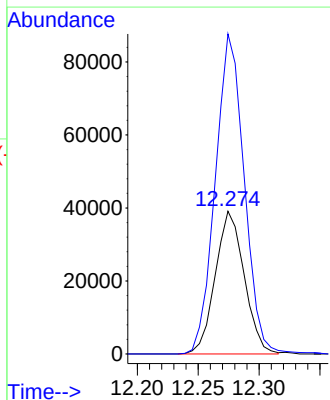
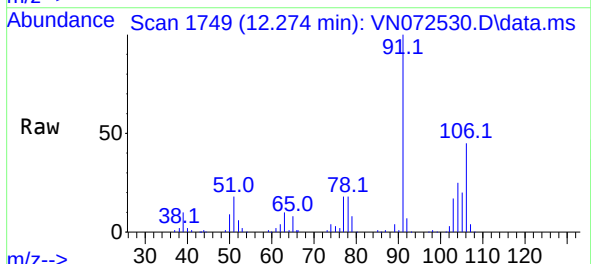
Manual Integrations
APPROVED

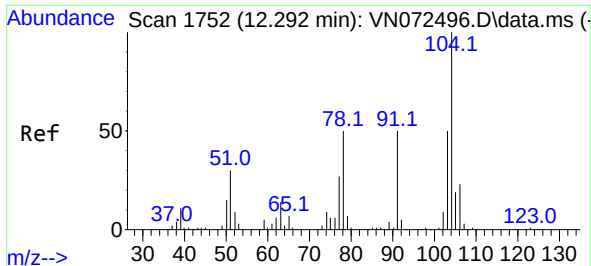
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#68
o-Xylene
Concen: 19.953 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

Tgt Ion:106 Resp: 64676
Ion Ratio Lower Upper
106 100
91 224.5 107.7 323.1





#69

Styrene

Concen: 20.116 ug/l

RT: 12.292 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072530.D

Acq: 17 May 2022 15:07

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBS02

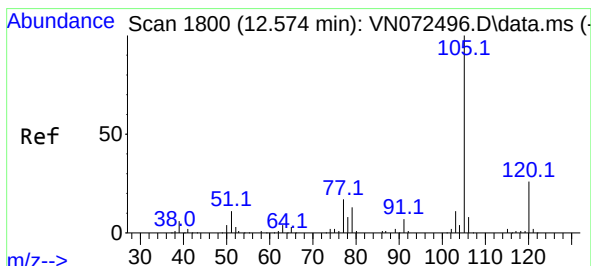
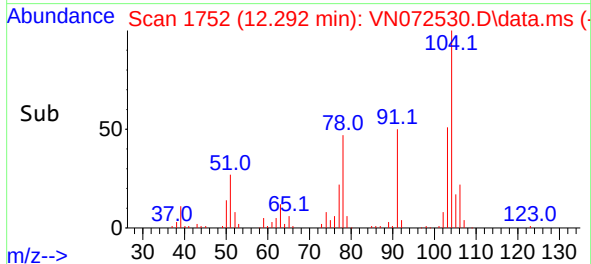
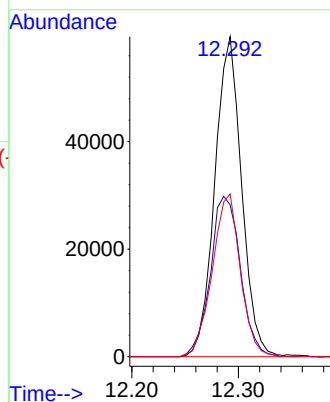
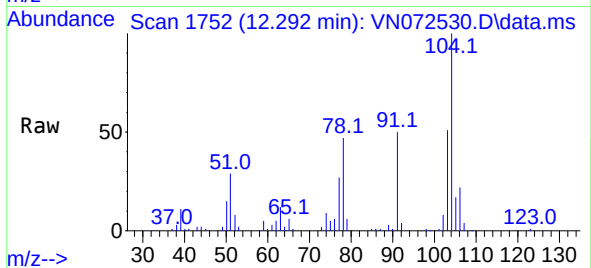
Tgt Ion:104 Resp: 10385
 Ion Ratio Lower Upper
 104 100
 78 56.4 40.7 61.1
 103 53.3 45.8 68.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#70

Isopropylbenzene

Concen: 19.972 ug/l

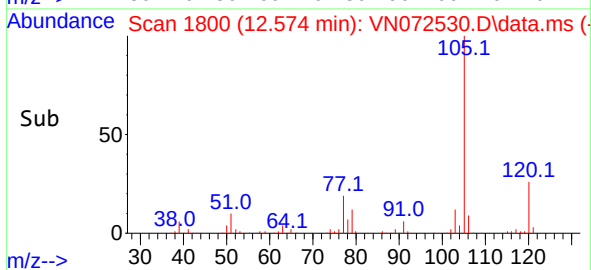
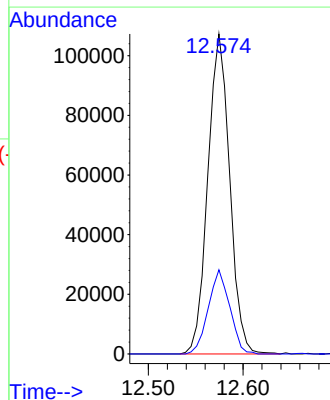
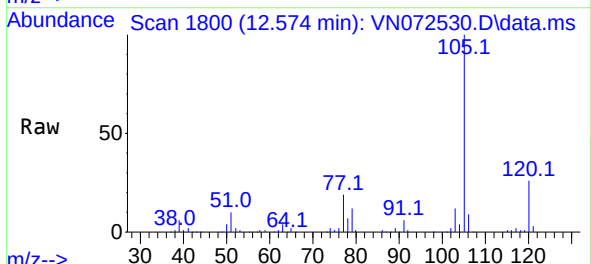
RT: 12.574 min Scan# 1800

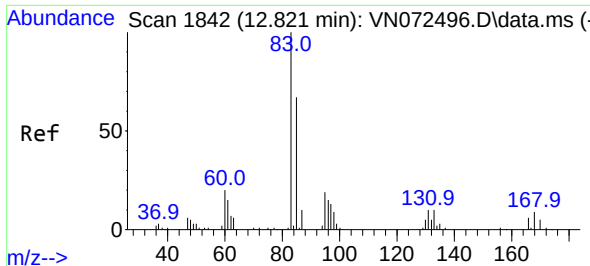
Delta R.T. 0.000 min

Lab File: VN072530.D

Acq: 17 May 2022 15:07

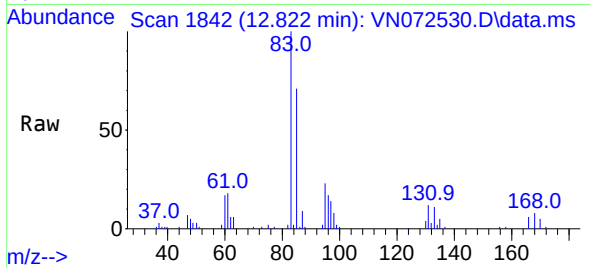
Tgt Ion:105 Resp: 171787
 Ion Ratio Lower Upper
 105 100
 120 25.7 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 20.643 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

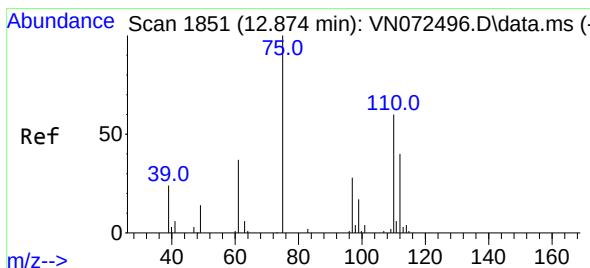
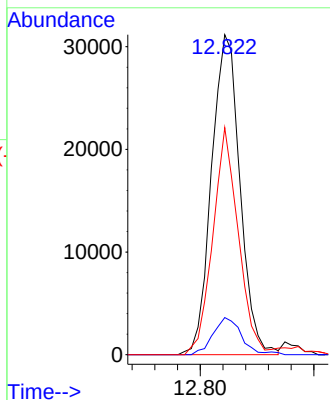
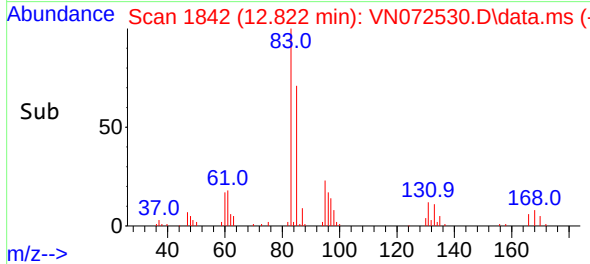
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02



Tgt Ion: 83 Resp: 5422
Ion Ratio Lower Upper
83 100
131 11.3 5.1 15.3
85 63.3 33.1 99.2

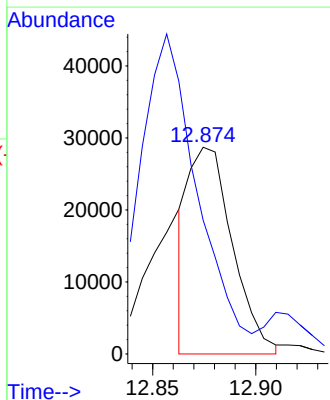
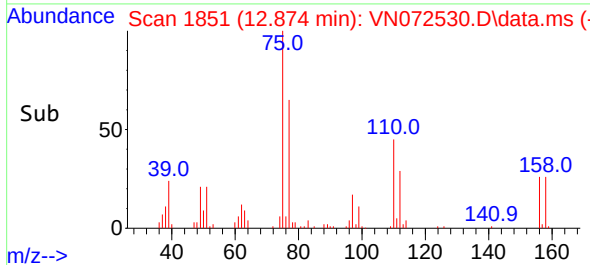
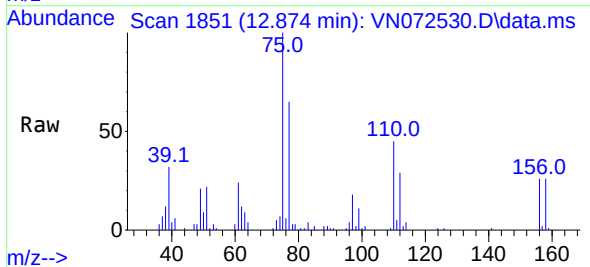
Manual Integrations
APPROVED

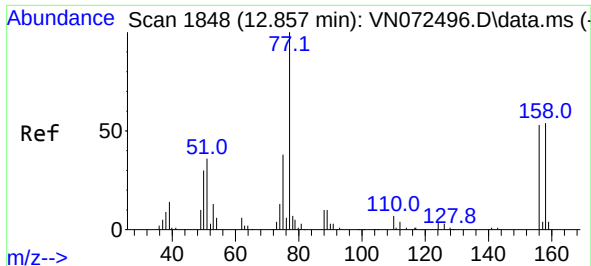
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#72
1,2,3-Trichloropropane
Concen: 17.326 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

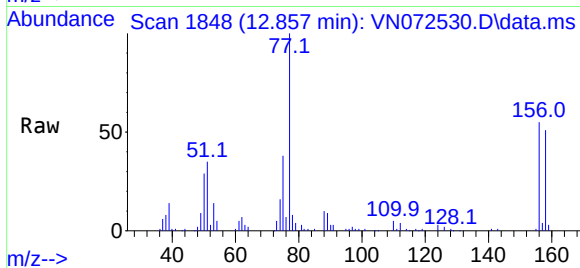
Tgt Ion: 75 Resp: 42683
Ion Ratio Lower Upper
75 100
77 204.6 0.0 378.0





#73
Bromobenzene
Concen: 20.154 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

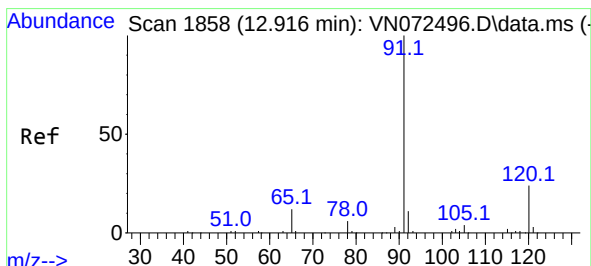
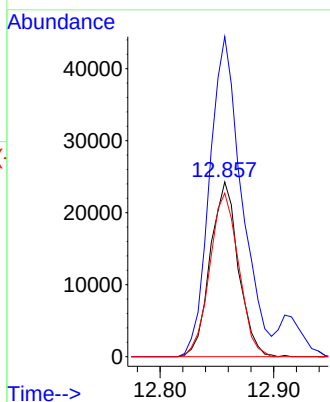
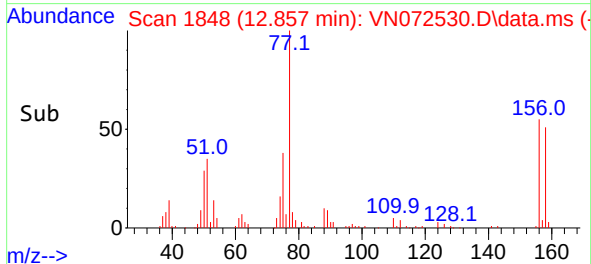
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02



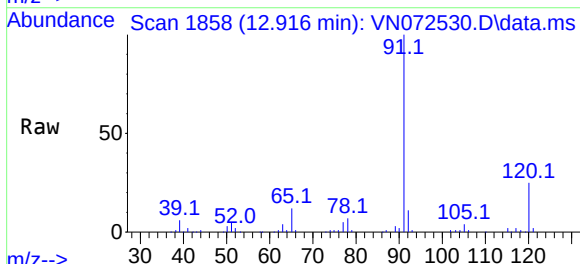
Tgt Ion:156 Resp: 41720
Ion Ratio Lower Upper
156 100
77 209.4 0.0 416.0
158 96.5 0.0 195.4

Manual Integrations
APPROVED

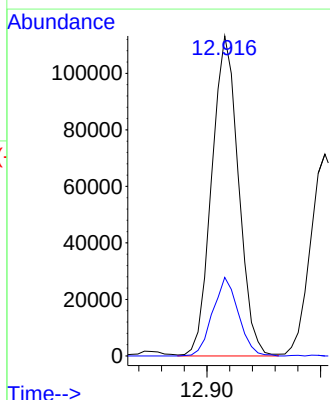
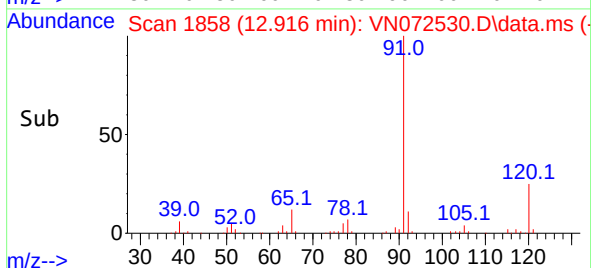
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

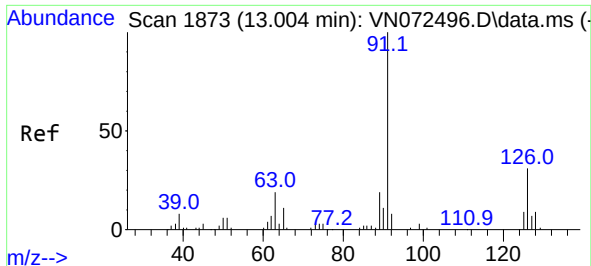


#74
n-propylbenzene
Concen: 19.712 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07



Tgt Ion: 91 Resp: 185606
Ion Ratio Lower Upper
91 100
120 23.5 0.0 45.0





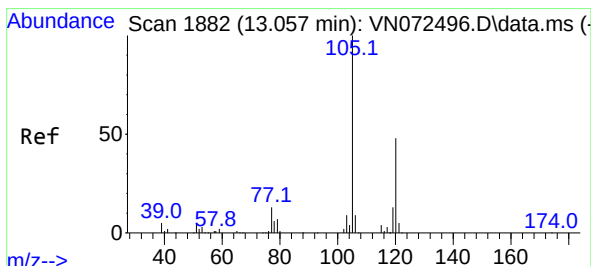
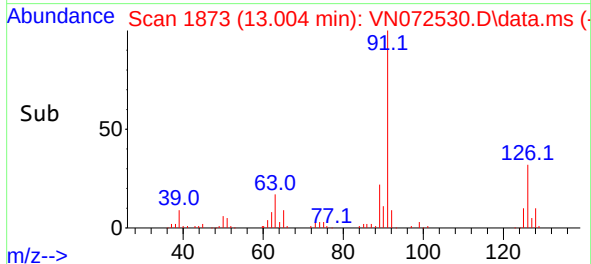
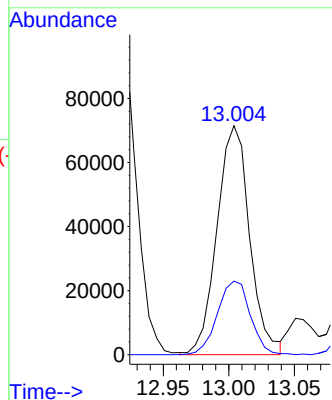
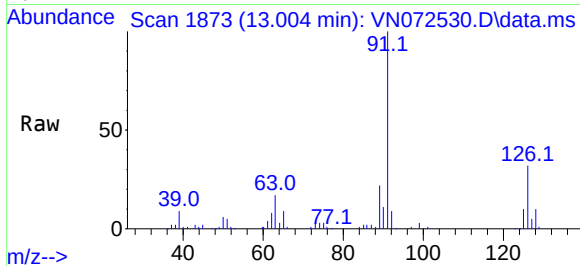
#75
2-Chlorotoluene
Concen: 20.386 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02

Tgt Ion: 91 Resp: 124022
Ion Ratio Lower Upper
91 100
126 32.3 0.0 69.8

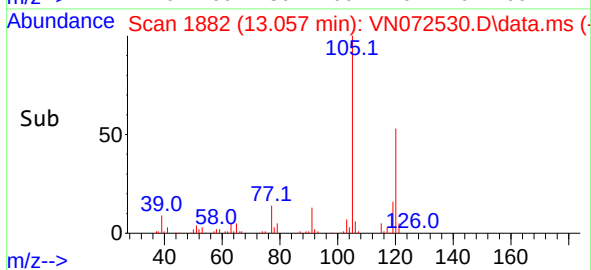
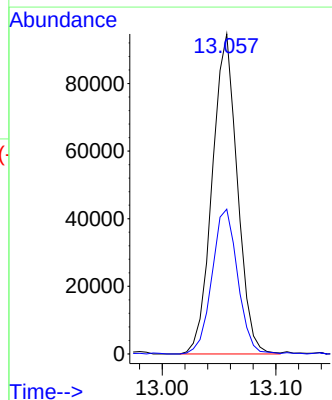
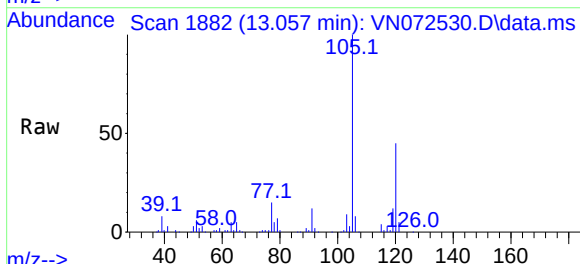
Manual Integrations
APPROVED

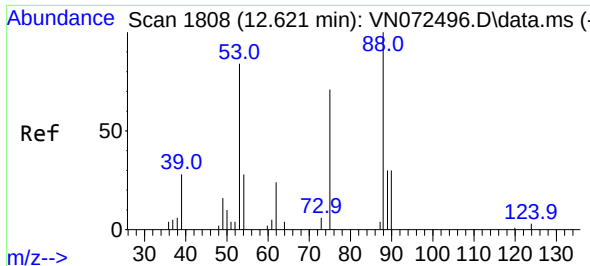
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#76
1,3,5-Trimethylbenzene
Concen: 19.754 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

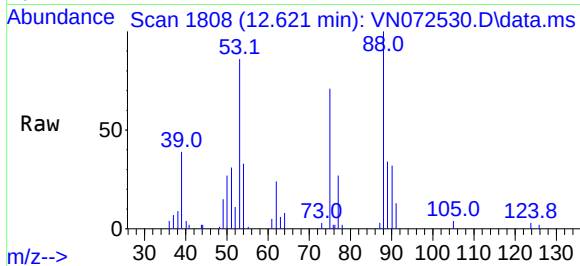
Tgt Ion:105 Resp: 145322
Ion Ratio Lower Upper
105 100
120 46.3 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 18.595 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

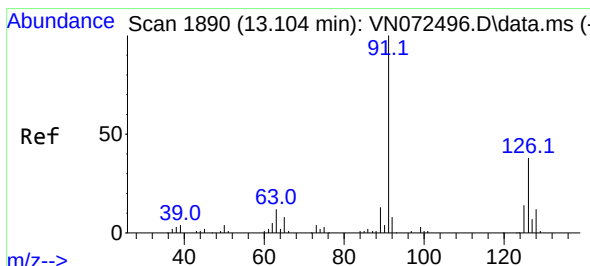
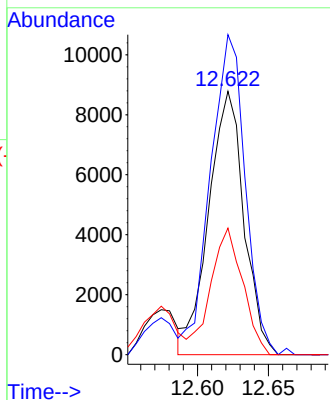
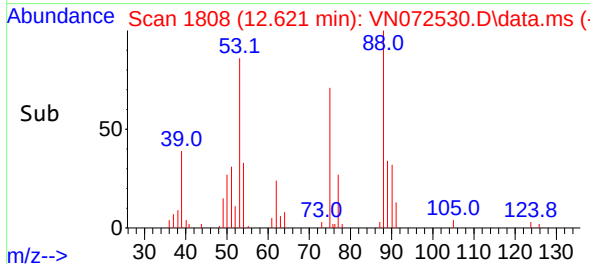
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02



Tgt Ion: 75 Resp: 15136
Ion Ratio Lower Upper
75 100
53 121.5 51.8 155.5
89 48.0 22.9 68.7

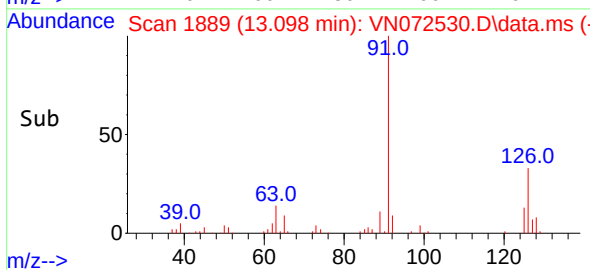
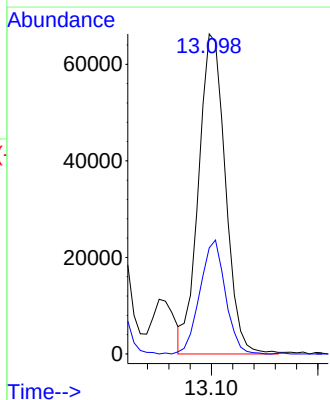
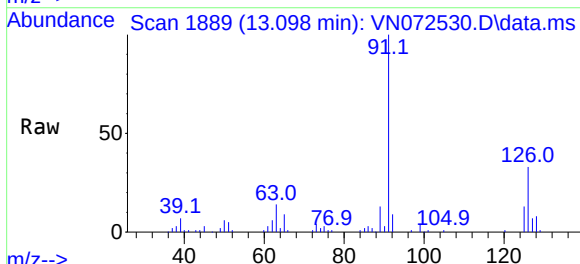
Manual Integrations
APPROVED

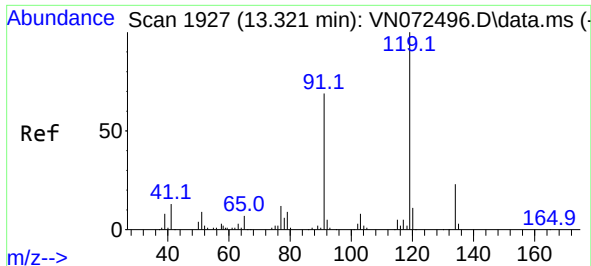
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#78
4-Chlorotoluene
Concen: 20.322 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

Tgt Ion: 91 Resp: 115879
Ion Ratio Lower Upper
91 100
126 33.7 0.0 70.6





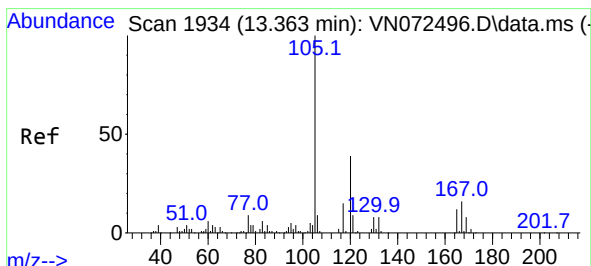
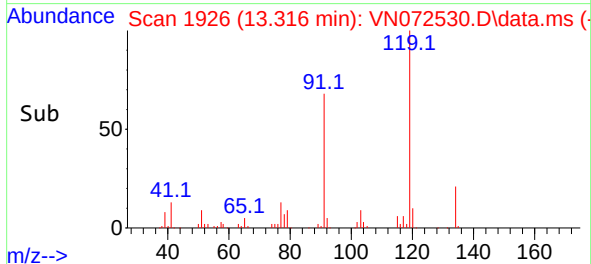
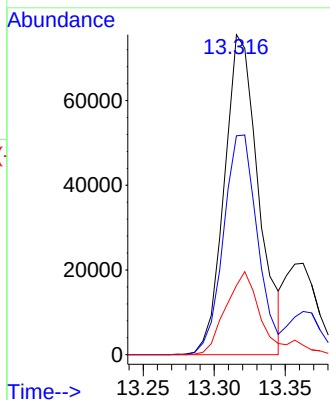
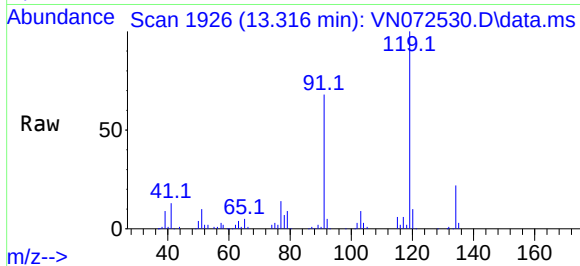
#79
tert-butylbenzene
Concen: 19.525 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. -0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02

Tgt Ion:119 Resp: 12620
Ion Ratio Lower Upper
119 100
91 68.5 0.0 137.0
134 25.8 0.0 47.6

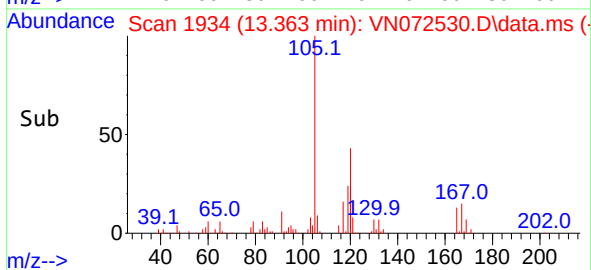
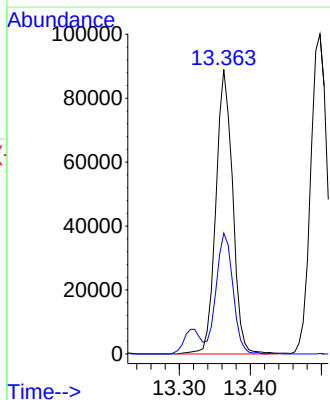
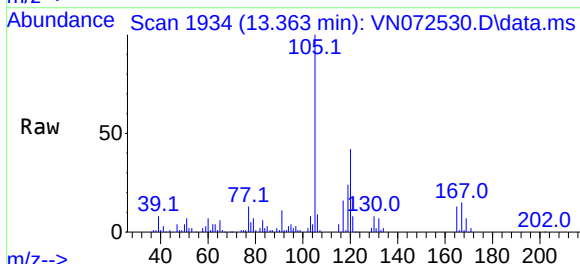
Manual Integrations
APPROVED

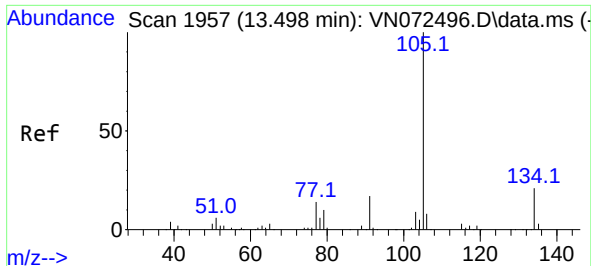
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#80
1,2,4-Trimethylbenzene
Concen: 20.493 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

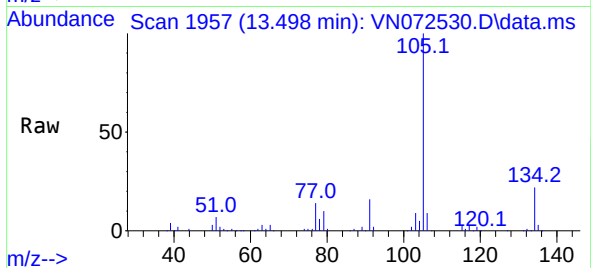
Tgt Ion:105 Resp: 145278
Ion Ratio Lower Upper
105 100
120 42.6 0.0 0.2#





#81
 sec-Butylbenzene
 Concen: 19.136 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072530.D
 Acq: 17 May 2022 15:07

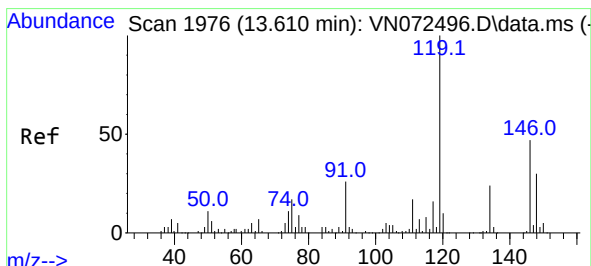
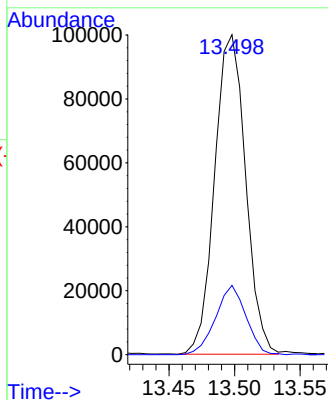
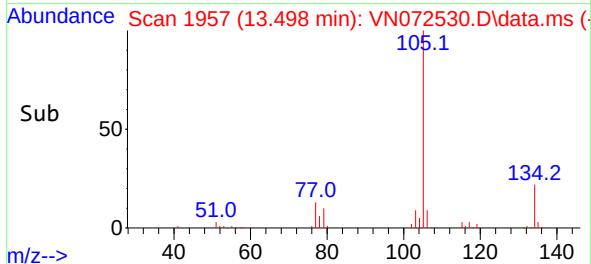
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBS02



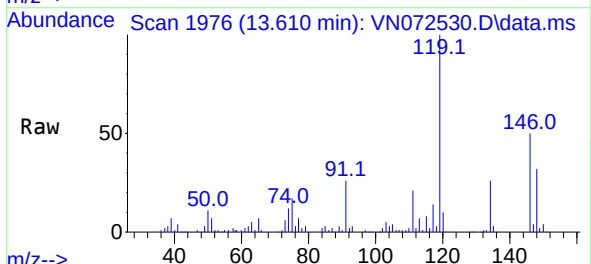
Tgt Ion:105 Resp: 16398
 Ion Ratio Lower Upper
 105 100
 134 21.3 0.0 39.4

Manual Integrations
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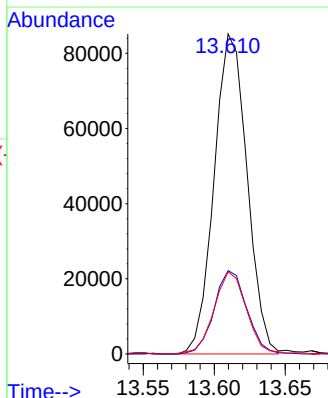
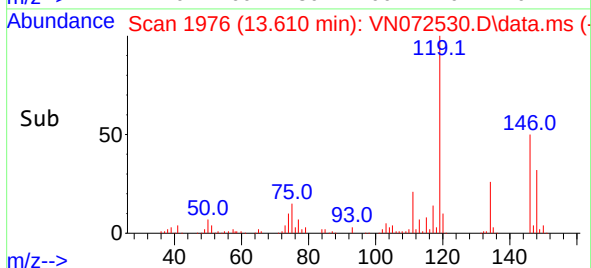
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022

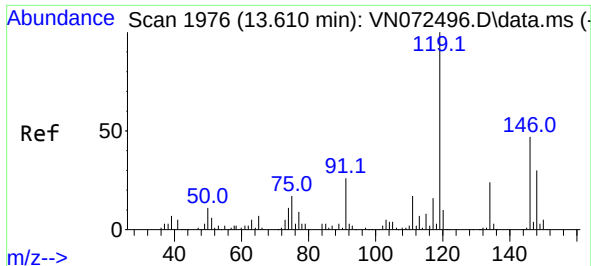


#82
 p-Isopropyltoluene
 Concen: 19.377 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072530.D
 Acq: 17 May 2022 15:07



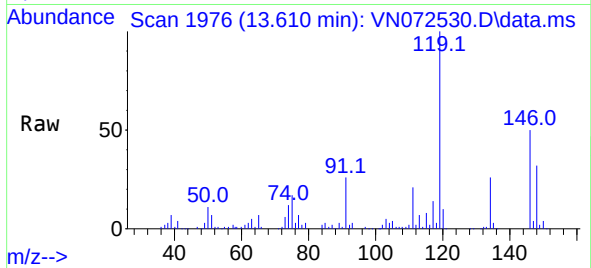
Tgt Ion:119 Resp: 137429
 Ion Ratio Lower Upper
 119 100
 134 25.8 0.0 51.8
 91 25.2 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 20.743 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

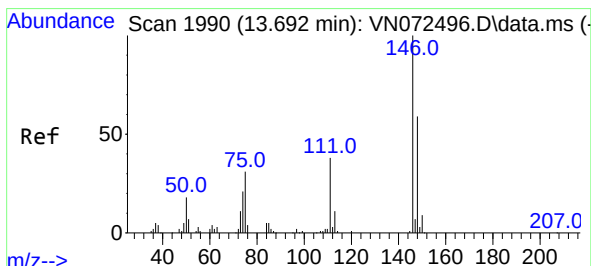
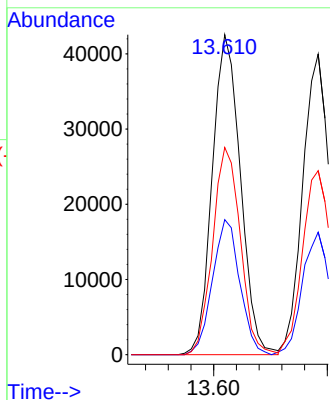
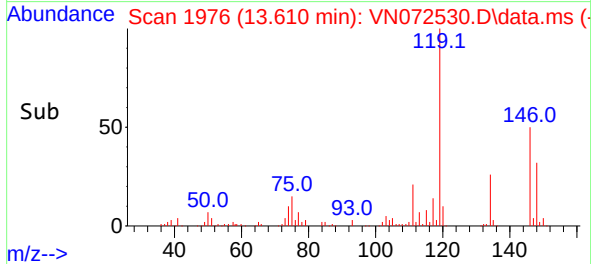
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02



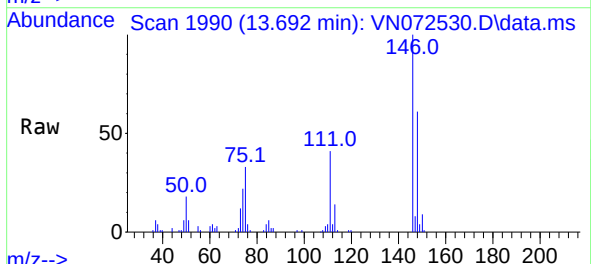
Tgt Ion:146 Resp: 73299
Ion Ratio Lower Upper
146 100
111 41.0 20.8 62.2
148 63.7 31.4 94.3

Manual Integrations
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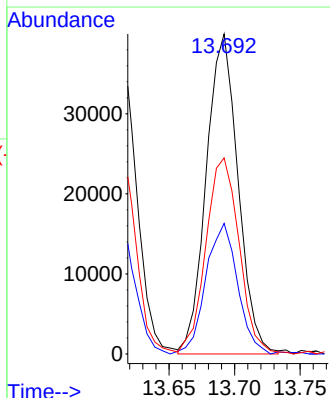
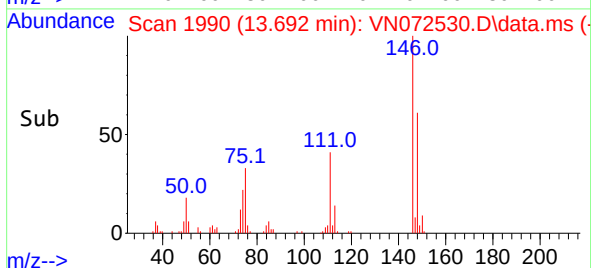
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

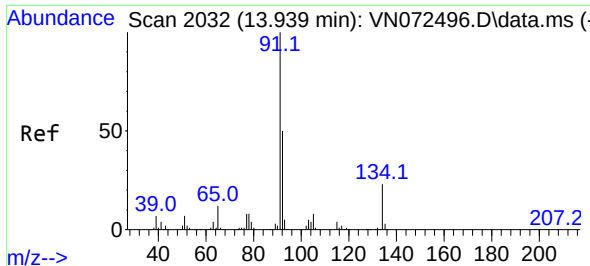


#84
1,4-Dichlorobenzene
Concen: 19.597 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07



Tgt Ion:146 Resp: 67386
Ion Ratio Lower Upper
146 100
111 40.6 19.5 58.5
148 64.1 31.1 93.5





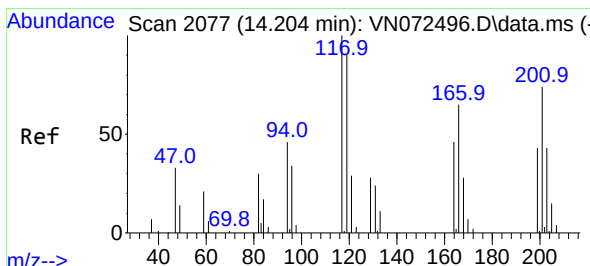
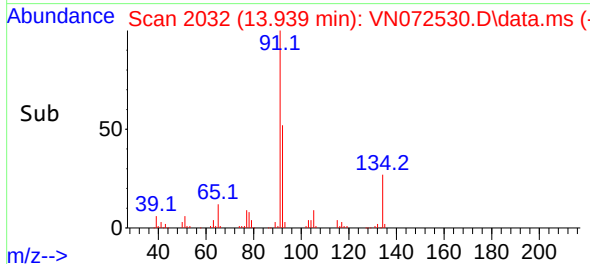
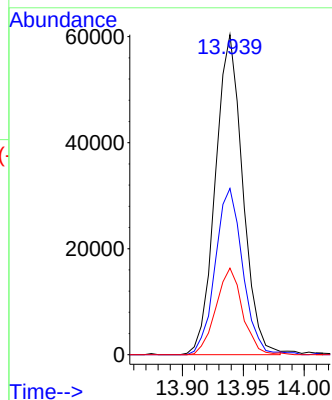
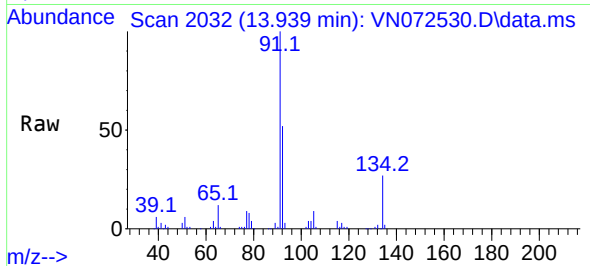
#85
n-Butylbenzene
Concen: 17.942 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02

Tgt Ion: 91 Resp: 94299
Ion Ratio Lower Upper
91 100
92 51.9 0.0 100.6
134 26.2 0.0 50.2

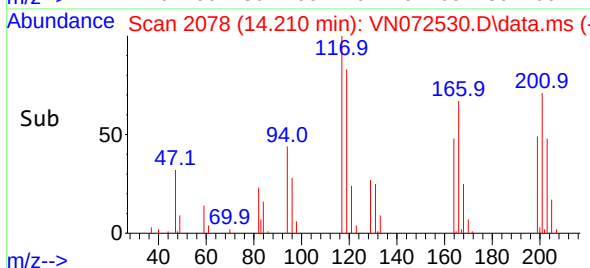
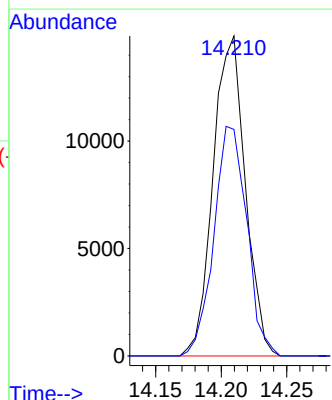
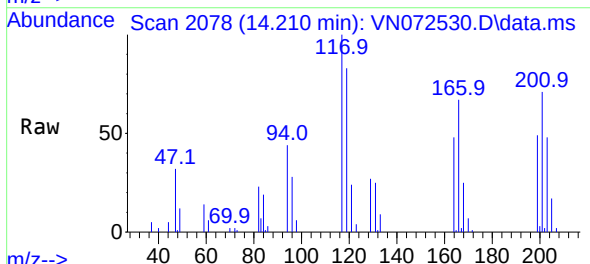
Manual Integrations
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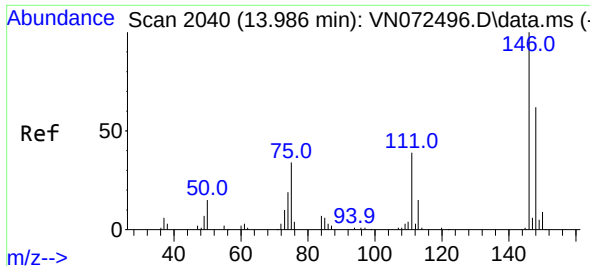
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#86
Hexachloroethane
Concen: 19.508 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

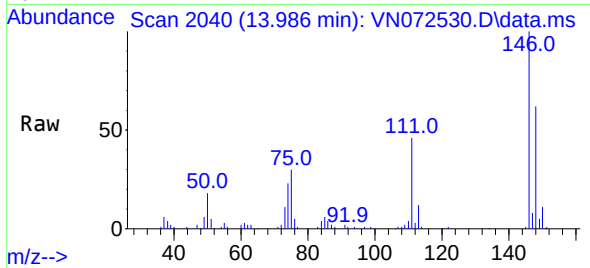
Tgt Ion:117 Resp: 25476
Ion Ratio Lower Upper
117 100
201 73.1 33.3 99.8





#87
1,2-Dichlorobenzene
Concen: 20.755 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

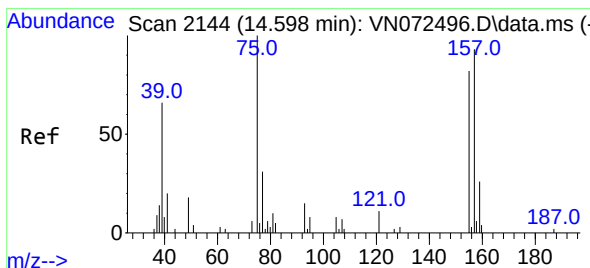
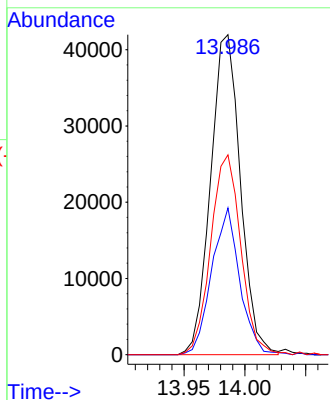
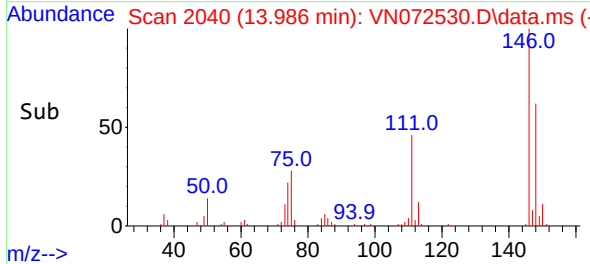
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02



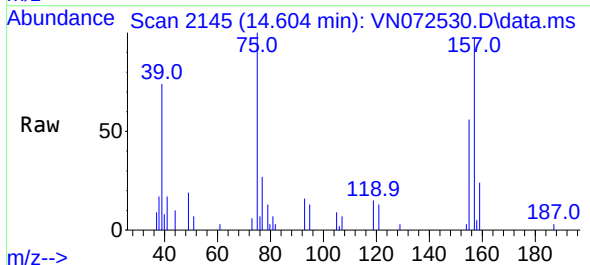
Tgt Ion:146 Resp: 71702
Ion Ratio Lower Upper
146 100
111 42.9 21.4 64.2
148 62.9 32.5 97.4

Manual Integrations
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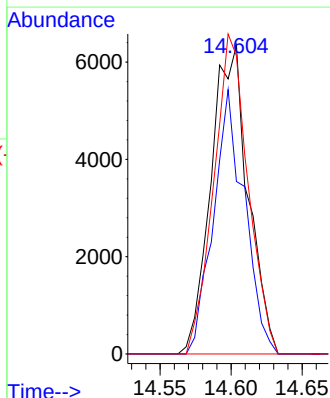
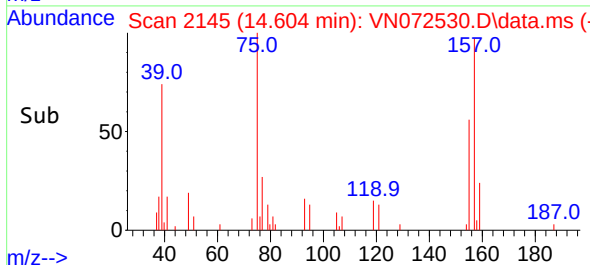
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

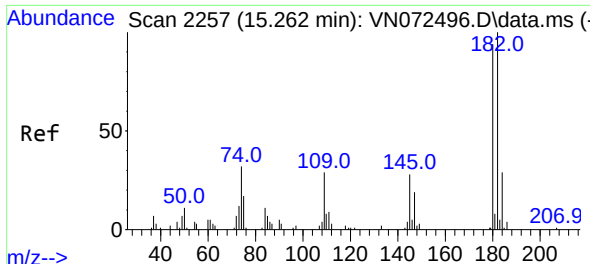


#88
1,2-Dibromo-3-Chloropropane
Concen: 18.667 ug/l
RT: 14.604 min Scan# 2145
Delta R.T. 0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07



Tgt Ion: 75 Resp: 11542
Ion Ratio Lower Upper
75 100
155 71.3 63.8 95.8
157 95.6 77.9 116.9





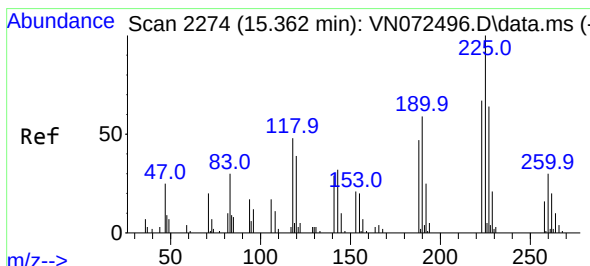
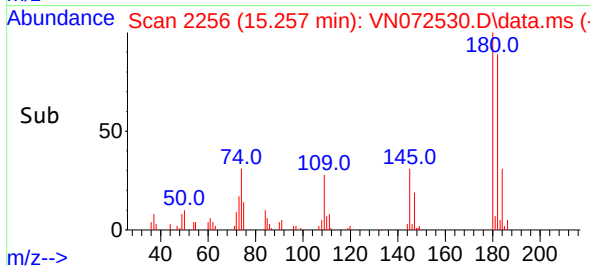
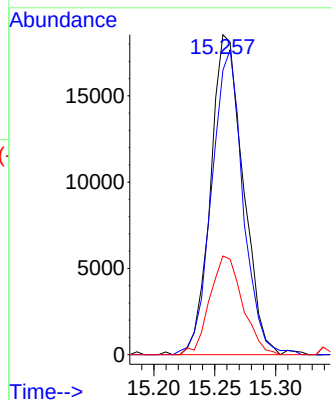
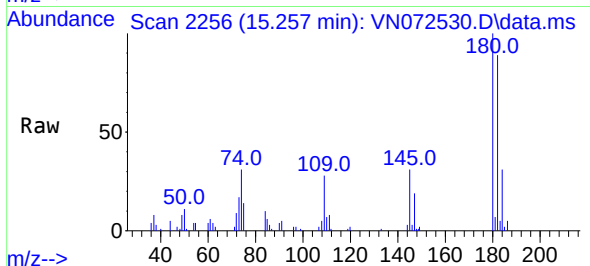
#89
1,2,4-Trichlorobenzene
Concen: 21.988 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02

Tgt Ion:180 Resp: 34380
Ion Ratio Lower Upper
180 100
182 91.5 77.7 116.5
145 31.2 26.6 39.8

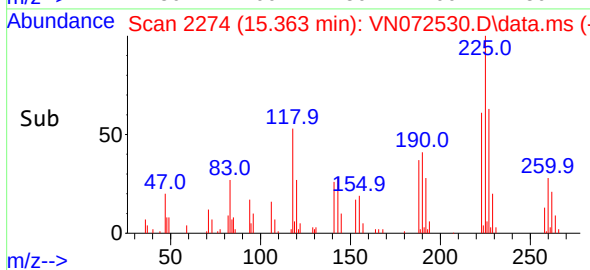
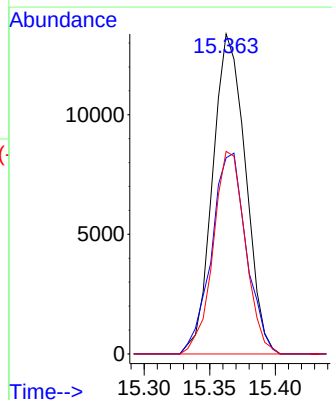
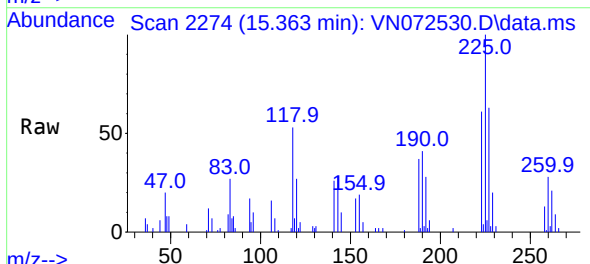
Manual Integrations
APPROVED

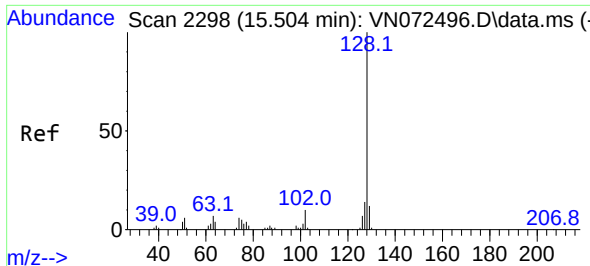
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#90
Hexachlorobutadiene
Concen: 24.138 ug/l
RT: 15.363 min Scan# 2274
Delta R.T. 0.001 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

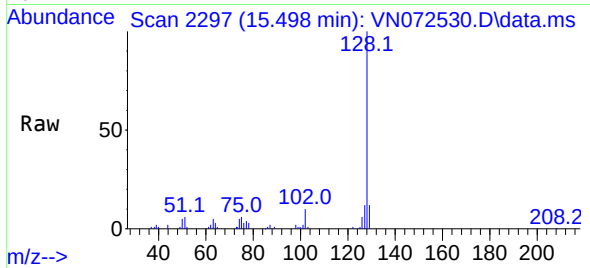
Tgt Ion:225 Resp: 23329
Ion Ratio Lower Upper
225 100
223 66.5 0.0 126.8
227 61.7 0.0 123.0





#91
Naphthalene
Concen: 21.807 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07

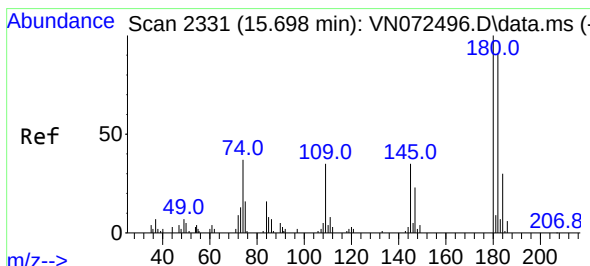
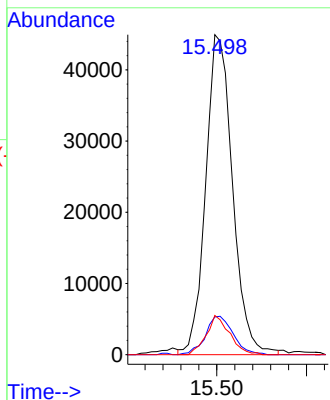
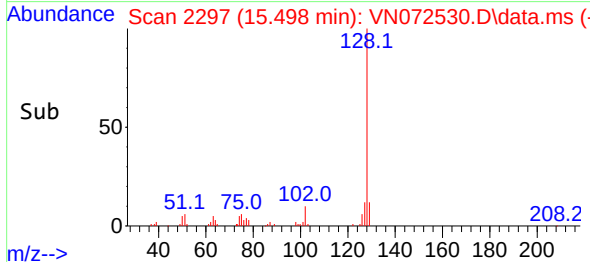
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBS02



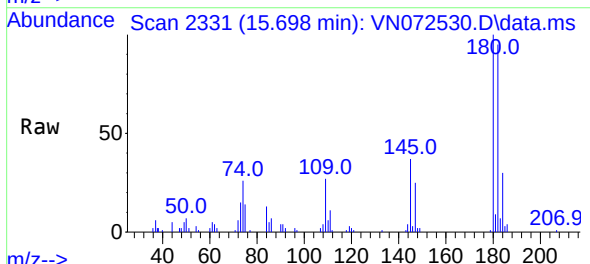
Tgt Ion:128 Resp: 9342
Ion Ratio Lower Upper
128 100
127 12.4 10.7 16.1
129 10.7 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#92
1,2,3-Trichlorobenzene
Concen: 22.347 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN072530.D
Acq: 17 May 2022 15:07



Tgt Ion:180 Resp: 35573
Ion Ratio Lower Upper
180 100
182 92.4 0.0 190.0
145 34.4 0.0 67.8

