

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051722\
 Data File : VN072532.D
 Acq On : 17 May 2022 16:13
 Operator : JC\MD
 Sample : VN0517WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBSD01

Manual Integrations
 APPROVED

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

Quant Time: May 18 07:26:55 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	7.651	128	29350	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.969	114	152909	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.739	117	141526	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	92559	28.026	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	93.433%		
60) 4-Bromofluorobenzene	12.727	95	82440	29.833	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	99.433%		
63) Toluene-d8	10.439	98	237873	30.790	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	102.633%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	46298	18.990	ug/l	99
3) Chloromethane	2.299	50	41850	19.006	ug/l	99
4) Vinyl Chloride	2.440	62	31055	16.707	ug/l	95
5) Bromomethane	2.846	94	23446	15.507	ug/l	86
6) Chloroethane	3.010	64	21867	18.014	ug/l #	81
7) Trichlorofluoromethane	3.369	101	72966	16.617	ug/l	98
8) Diethyl Ether	3.822	74	23858	18.062	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.204	101	38277	18.501	ug/l #	66
10) 1,1-Dichloroethene	4.181	96	35537	19.049	ug/l	99
11) Methyl Iodide	4.422	142	51161	18.211	ug/l	98
12) Methyl Acetate	4.851	43	50744	16.814	ug/l	92
13) Acrolein	4.040	56	46979	99.069	ug/l	99
14) Acrylonitrile	5.551	53	103587	81.354	ug/l	99
15) Acetone	4.281	58	28833	86.356	ug/l	94
16) Carbon Disulfide	4.534	76	84877	17.540	ug/l	98
17) Allyl chloride	4.834	41	59150m	17.566	ug/l	
18) Methylene Chloride	5.092	84	41485	18.787	ug/l	96
19) trans-1,2-Dichloroethene	5.598	96	37281	18.195	ug/l	92
20) Diisopropyl ether	6.492	45	129255	18.464	ug/l	94
21) 1,1-Dichloroethane	6.386	63	71382	17.051	ug/l	98
22) cis-1,2-Dichloroethene	7.322	96	46424	19.298	ug/l	96
23) tert-Butyl Alcohol	5.369	59	27711m	49.616	ug/l	
24) Methyl tert-Butyl Ether	5.616	73	139885m	18.278	ug/l	
25) Chloroform	7.810	83	82799	18.338	ug/l	97
26) Cyclohexane	8.092	56	62922	18.521	ug/l #	98
29) 1,1-Dichloropropene	8.222	75	59053	19.392	ug/l	97
30) 2-Butanone	7.328	43	137008	77.733	ug/l	97
31) 2,2-Dichloropropane	7.322	77	72008	19.059	ug/l #	81
32) 1,1,1-Trichloroethane	8.004	97	77775	17.905	ug/l	96
33) Carbon Tetrachloride	8.204	117	70244	18.197	ug/l	98
34) Benzene	8.457	78	168879	19.516	ug/l	95
35) Methacrylonitrile	7.633	41	27854	14.947	ug/l	91
36) 1,2-Dichloroethane	8.527	62	72721	18.046	ug/l	99
37) Trichloroethene	9.216	130	46136	19.653	ug/l	94
38) Methylcyclohexane	9.457	83	67710	19.231	ug/l	92
39) 1,2-Dichloropropane	9.480	63	43719	20.057	ug/l	96
40) Dibromomethane	9.575	93	30703	18.247	ug/l	91
41) Bromodichloromethane	9.757	83	66173	18.563	ug/l	100
42) Vinyl Acetate	6.428	43	553763	93.346	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	62734	18.226	ug/l	97
44) Isopropyl Acetate	8.551	43	96349	17.487	ug/l #	89
45) 1,4-Dioxane	9.569	88	9681	184.474	ug/l	91
46) Methyl methacrylate	9.557	41	44311	16.996	ug/l	89
47) n-amyl Acetate	12.386	43	65102	17.650	ug/l	99
48) t-1,3-Dichloropropene	10.710	75	67459	17.926	ug/l	99
49) cis-1,3-Dichloropropene	10.186	75	70088	18.478	ug/l	98
50) 1,1,2-Trichloroethane	10.892	97	45127	19.444	ug/l	96
51) Ethyl methacrylate	10.757	69	63482	17.541	ug/l	90
52) 1,3-Dichloropropane	11.039	76	76243	19.014	ug/l	100
53) Dibromochloromethane	11.233	129	50646	18.073	ug/l	98
54) 1,2-Dibromoethane	11.339	107	47340	19.175	ug/l	95
55) 2-Chloroethyl vinyl ether	10.039	63	90142	98.167	ug/l	98
56) Bromoform	12.451	173	35577	16.834	ug/l #	97
58) 4-Methyl-2-Pentanone	10.327	43	292267	87.640	ug/l	97
59) 2-Hexanone	11.080	43	202989	82.857	ug/l	97
61) Tetrachloroethene	10.969	164	45555	21.494	ug/l	87
62) Toluene	10.498	91	194273	20.319	ug/l	99
64) Chlorobenzene	11.768	112	114316	19.167	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.839	131	47186	19.135	ug/l	99
66) Ethyl Benzene	11.839	91	211780	19.693	ug/l	100
67) m/p-Xylenes	11.945	106	162009	39.734	ug/l	96
68) o-Xylene	12.280	106	79789	19.797	ug/l	99
69) Styrene	12.292	104	124079	19.330	ug/l	96
70) Isopropylbenzene	12.574	105	215544	20.154	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.821	83	63236	19.362	ug/l	97
72) 1,2,3-Trichloropropane	12.874	75	52330m	17.084	ug/l	
73) Bromobenzene	12.857	156	50485	19.615	ug/l	96
74) n-propylbenzene	12.915	91	239927	20.493	ug/l	100
75) 2-Chlorotoluene	13.004	91	146364	19.349	ug/l	98
76) 1,3,5-Trimethylbenzene	13.057	105	187919	20.544	ug/l	99
77) t-1,4-Dichloro-2-butene	12.621	75	16674	16.475	ug/l	83
78) 4-Chlorotoluene	13.098	91	145062	20.460	ug/l	94
79) tert-butylbenzene	13.321	119	156988	19.534	ug/l	98
80) 1,2,4-Trimethylbenzene	13.362	105	175472m	19.907	ug/l	
81) sec-Butylbenzene	13.498	105	218505	20.507	ug/l	99
82) p-Isopropyltoluene	13.610	119	179087	20.308	ug/l	99
83) 1,3-Dichlorobenzene	13.610	146	89870	20.454	ug/l	99
84) 1,4-Dichlorobenzene	13.692	146	85614	20.024	ug/l	98
85) n-Butylbenzene	13.939	91	131424	20.111	ug/l	97
86) Hexachloroethane	14.204	117	29313	18.052	ug/l	89
87) 1,2-Dichlorobenzene	13.986	146	88667	20.641	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.598	75	12737	16.568	ug/l	93
89) 1,2,4-Trichlorobenzene	15.262	180	37456	19.263	ug/l	97
90) Hexachlorobutadiene	15.368	225	25770	21.444	ug/l	99
91) Naphthalene	15.504	128	95655	19.327	ug/l	98
92) 1,2,3-Trichlorobenzene	15.698	180	37815	19.105	ug/l	98

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

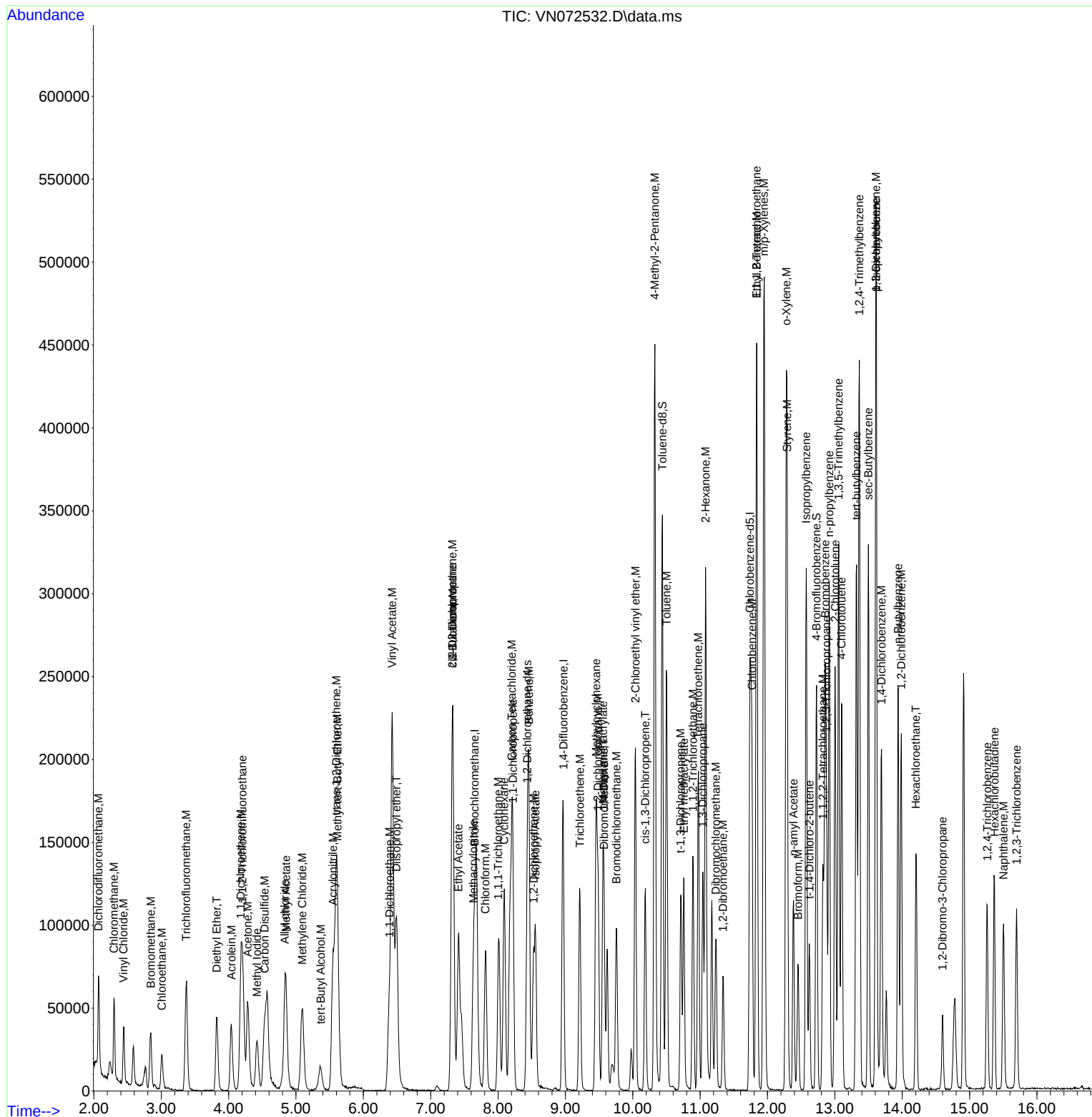
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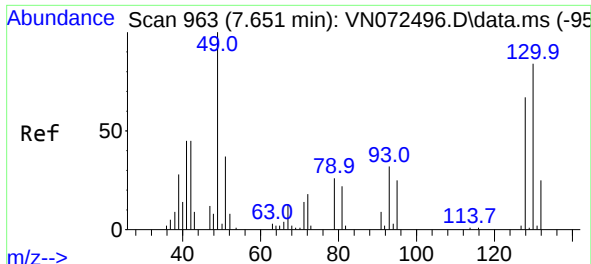
Instrument :
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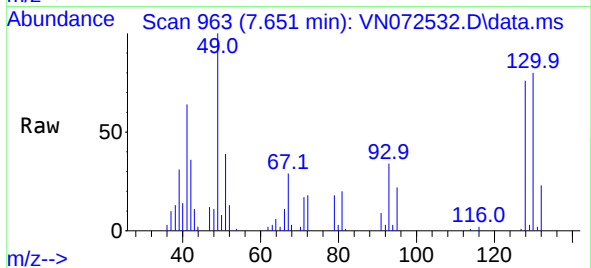
Quant Time: May 18 07:26:55 2022
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.651 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

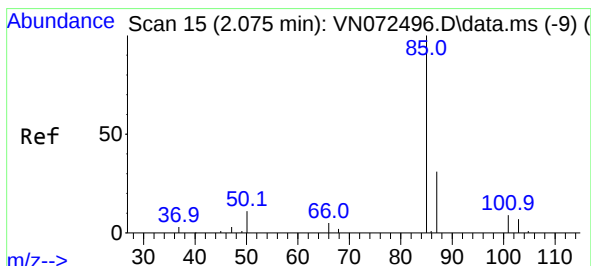
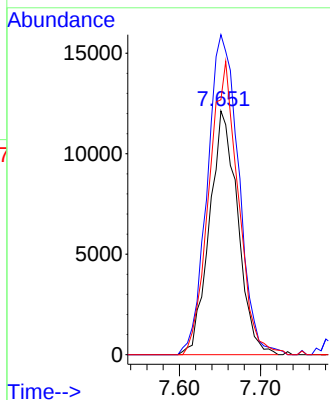
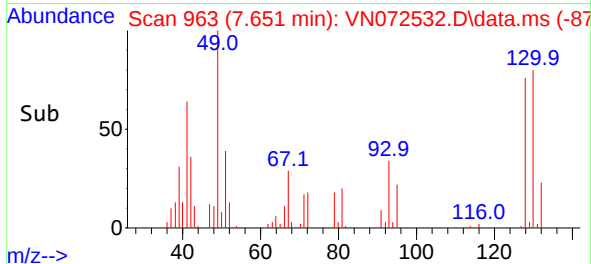
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion:128 Resp: 29350
Ion Ratio Lower Upper
128 100
49 145.7 0.0 392.3
130 124.4 0.0 320.2

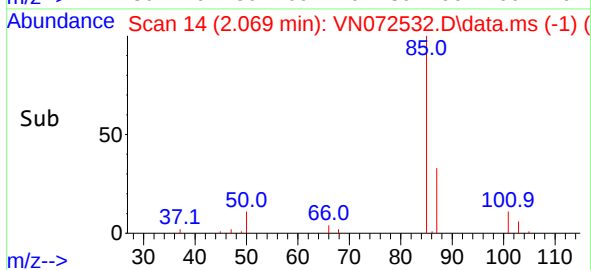
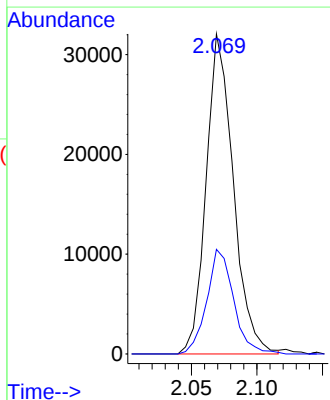
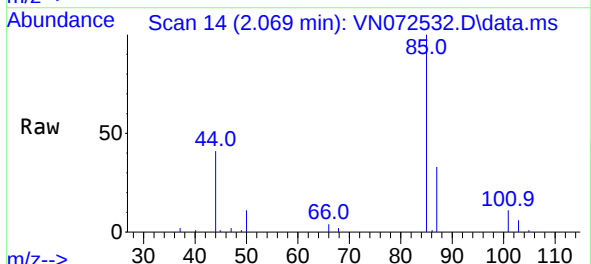
Manual Integrations
APPROVED

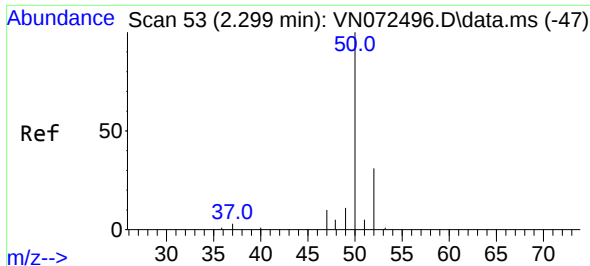
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#2
Dichlorodifluoromethane
Concen: 18.990 ug/l
RT: 2.069 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

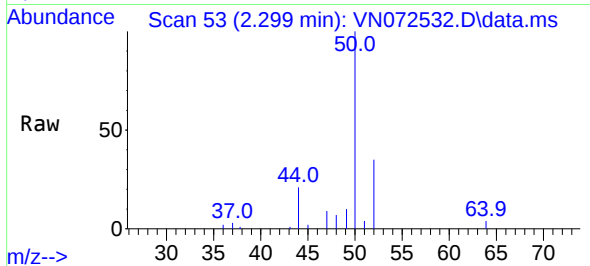
Tgt Ion: 85 Resp: 46298
Ion Ratio Lower Upper
85 100
87 32.7 16.6 49.7





#3
Chloromethane
Concen: 19.006 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

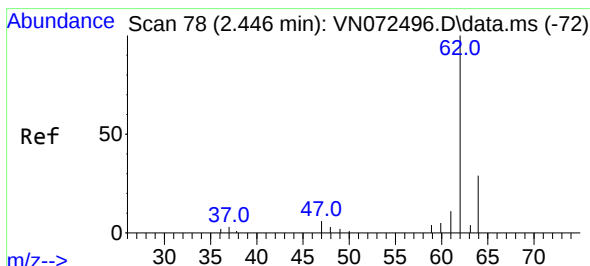
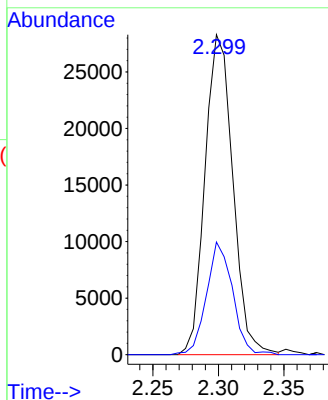
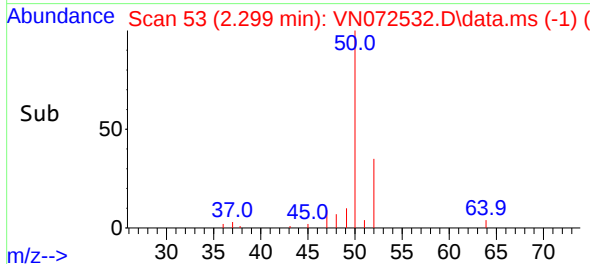
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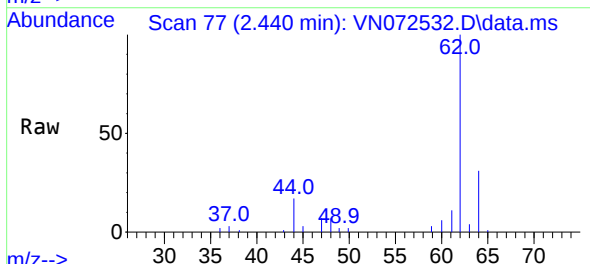
Tgt Ion: 50 Resp: 41850
Ion Ratio Lower Upper
50 100
52 35.2 27.8 41.6

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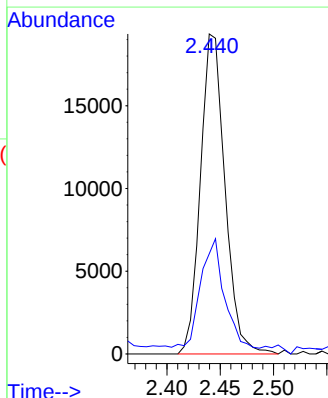
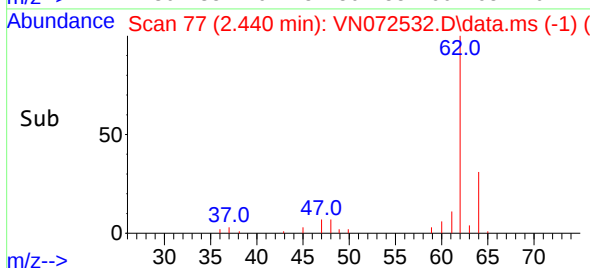
Reviewed By :John Carlone 05/18/2022
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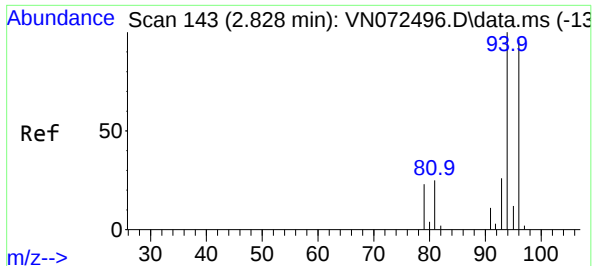


#4
Vinyl Chloride
Concen: 16.707 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13



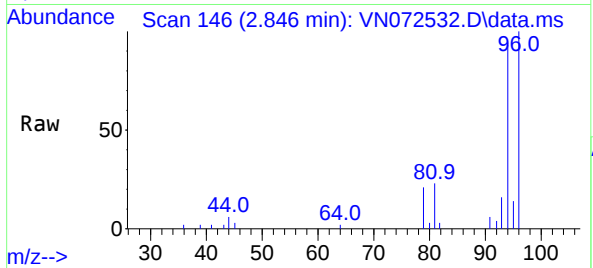
Tgt Ion: 62 Resp: 31055
Ion Ratio Lower Upper
62 100
64 28.5 25.1 37.7





#5
Bromomethane
Concen: 15.507 ug/l
RT: 2.846 min Scan# 14
Delta R.T. 0.018 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

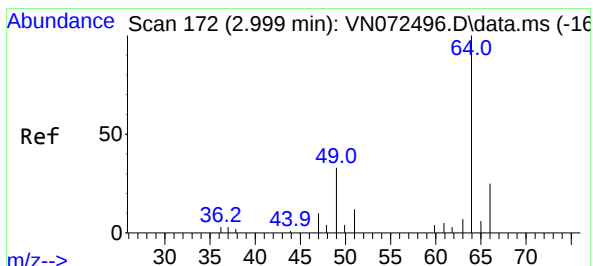
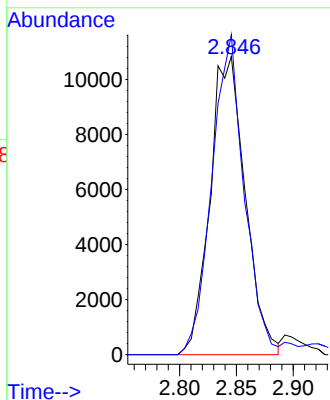
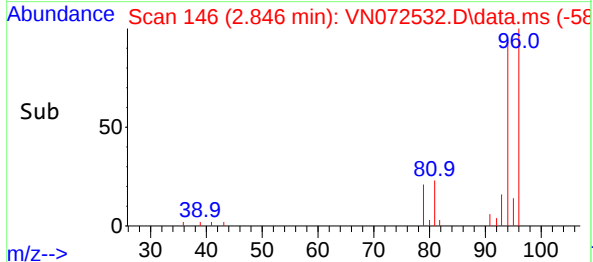
Instrument :
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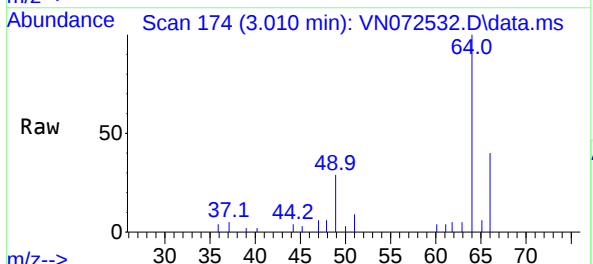
Tgt Ion: 94 Resp: 23440
Ion Ratio Lower Upper
94 100
96 107.3 75.2 112.8

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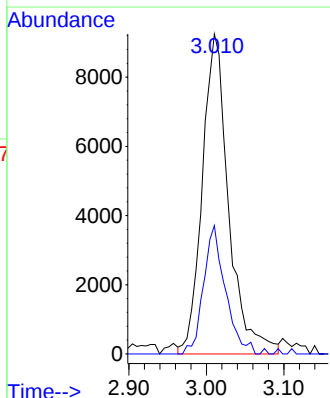
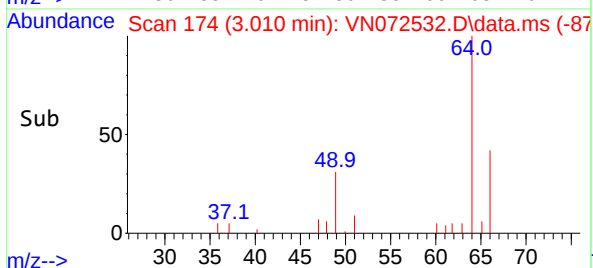
Reviewed By :John Carlone 05/18/2022
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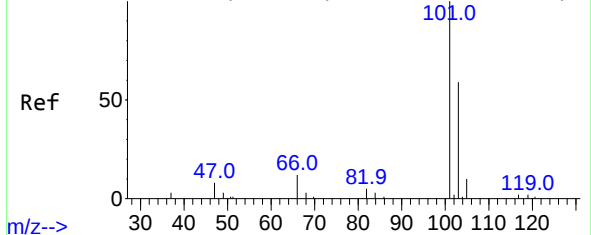
#6
Chloroethane
Concen: 18.014 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.012 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13



Tgt Ion: 64 Resp: 21867
Ion Ratio Lower Upper
64 100
66 41.0 24.6 36.8#



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



#7

Trichlorofluoromethane

Concen: 16.617 ug/l

RT: 3.369 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN072532.D

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VN0517WBSD01

Tgt Ion:101 Resp: 72960

Ion Ratio Lower Upper

101 100

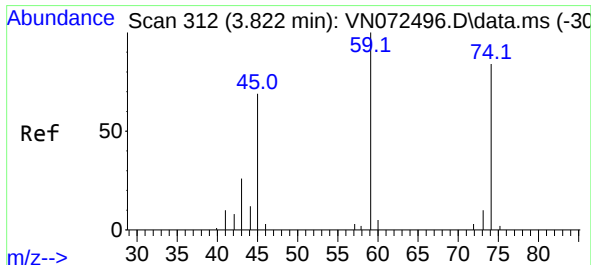
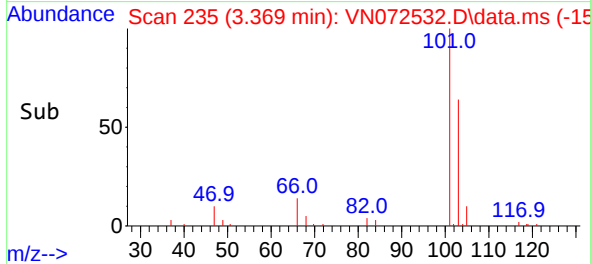
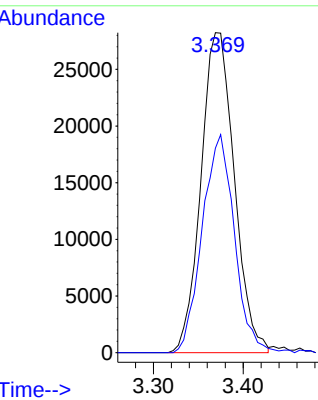
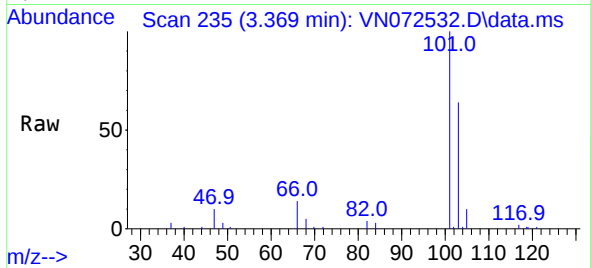
103 63.9 50.1 75.1

Manual Integrations

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#8

Diethyl Ether

Concen: 18.062 ug/l

RT: 3.822 min Scan# 312

Delta R.T. -0.000 min

Lab File: VN072532.D

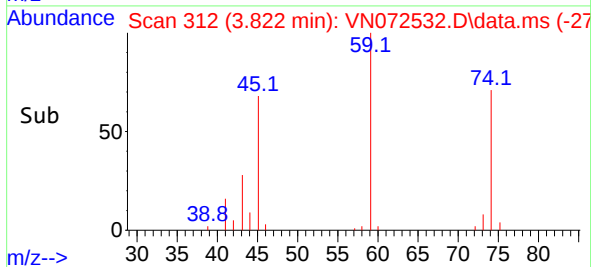
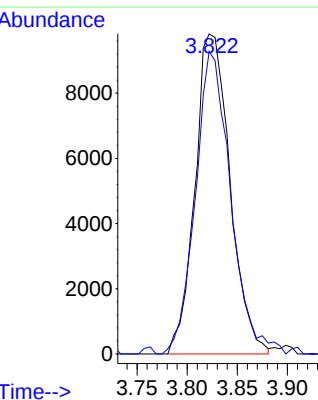
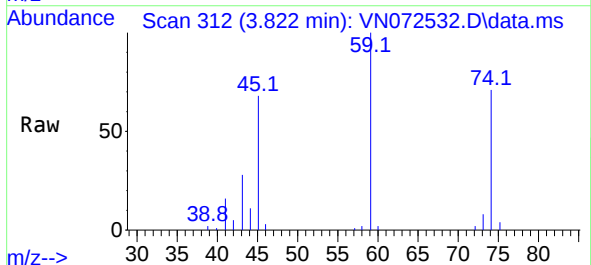
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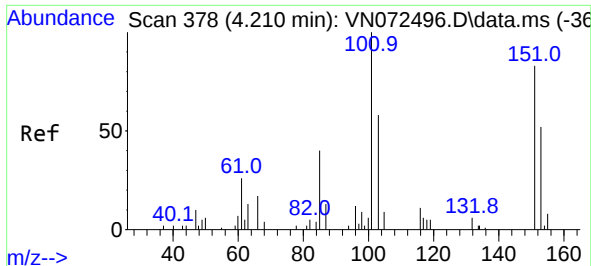
Tgt Ion: 74 Resp: 23858

Ion Ratio Lower Upper

74 100

45 95.2 17.6 158.8





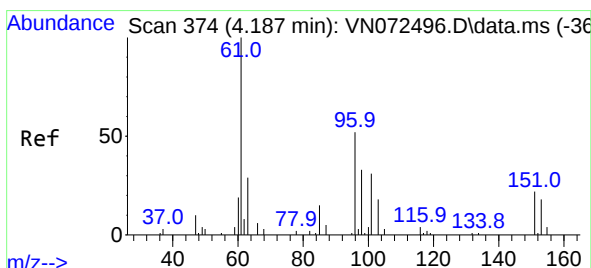
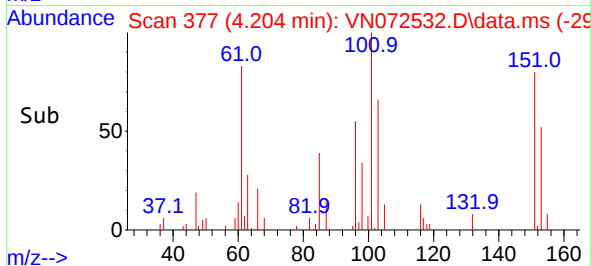
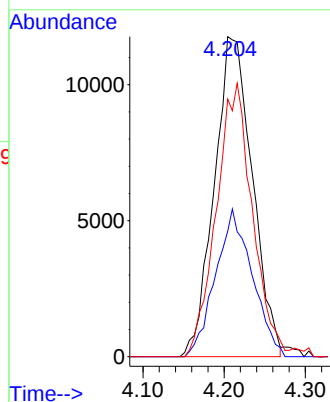
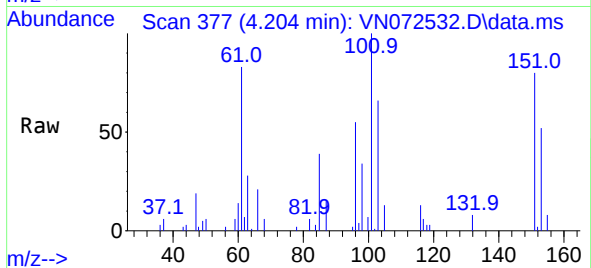
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1,1,2-Trichlorotrifluoroethane
Concen: 18.501 ug/l
RT: 4.204 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01

Tgt Ion:101 Resp: 3827
Ion Ratio Lower Upper
101 100
85 44.5 0.0 94.0
151 80.9 0.0 74.6

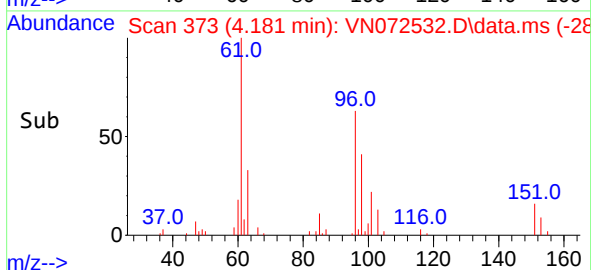
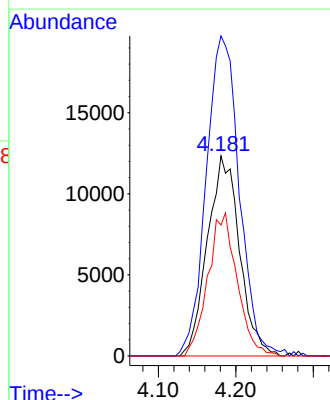
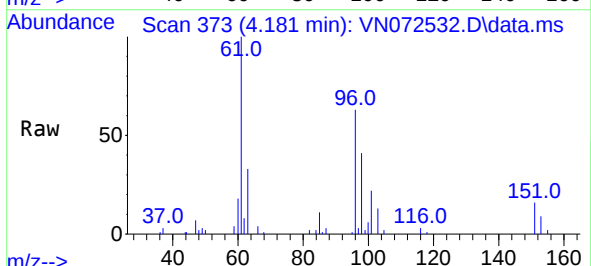
Manual Integrations
APPROVED

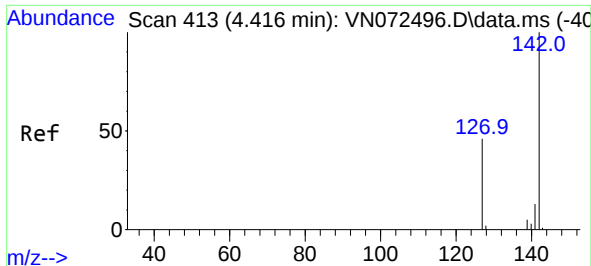
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#10
1,1-Dichloroethene
Concen: 19.049 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.006 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

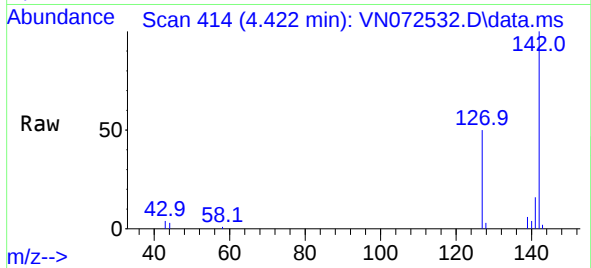
Tgt Ion: 96 Resp: 35537
Ion Ratio Lower Upper
96 100
61 157.8 126.2 189.4
98 65.5 50.9 76.3





#11
Methyl Iodide
Concen: 18.211 ug/l
RT: 4.422 min Scan# 413
Delta R.T. 0.006 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

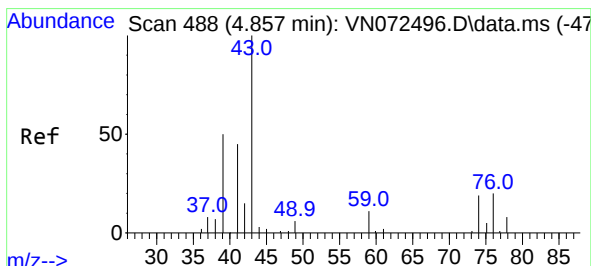
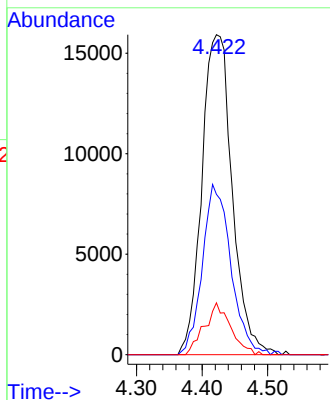
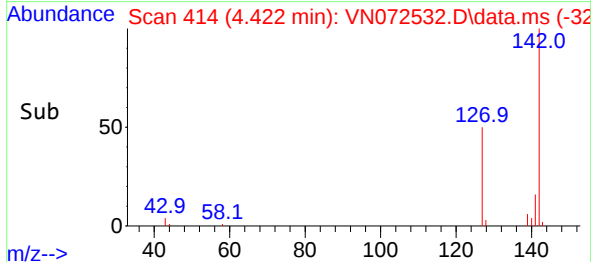
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion:142 Resp: 5116
Ion Ratio Lower Upper
142 100
127 49.6 24.0 72.0
141 16.2 8.4 25.2

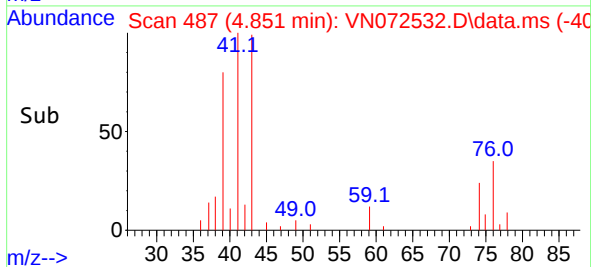
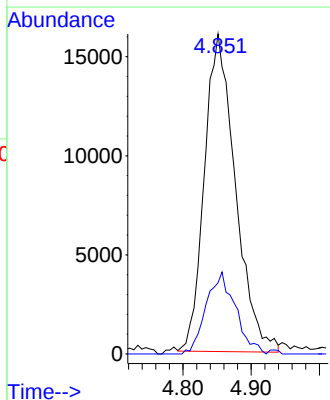
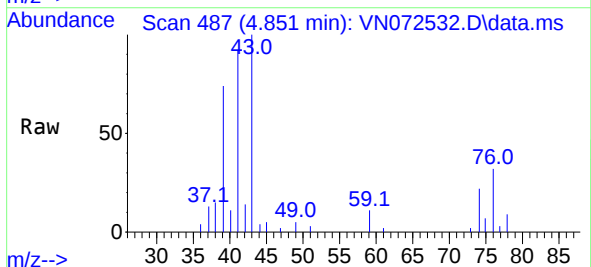
Manual Integrations
APPROVED

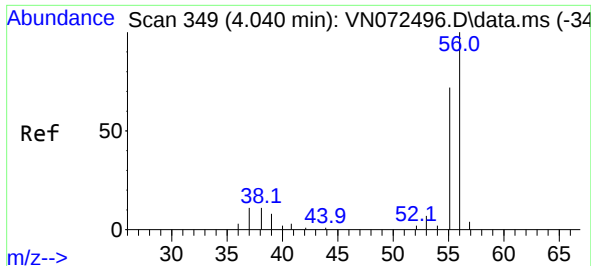
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#12
Methyl Acetate
Concen: 16.814 ug/l
RT: 4.851 min Scan# 487
Delta R.T. -0.006 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

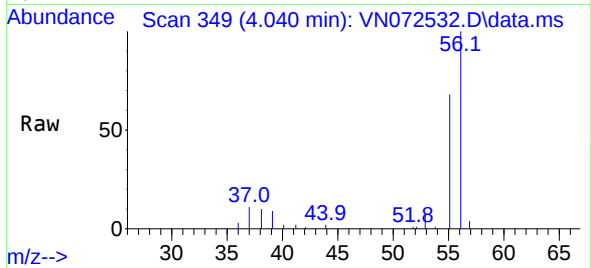
Tgt Ion: 43 Resp: 50744
Ion Ratio Lower Upper
43 100
74 22.1 20.8 31.2





#13
Acrolein
Concen: 99.069 ug/l
RT: 4.040 min Scan# 349
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

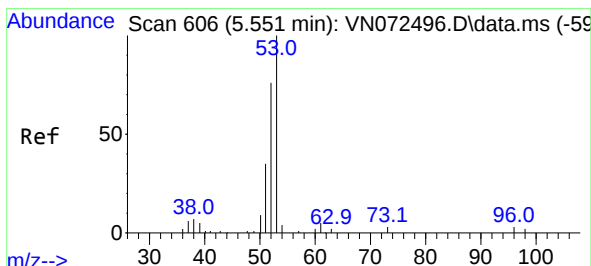
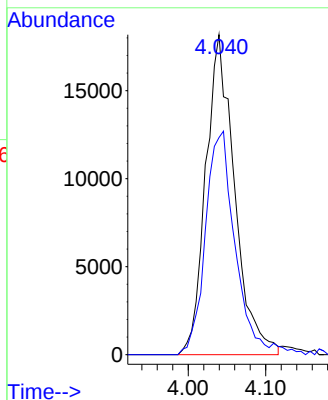
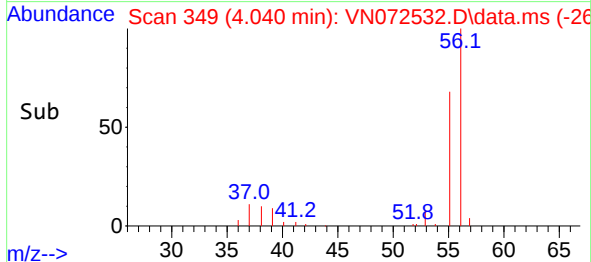
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



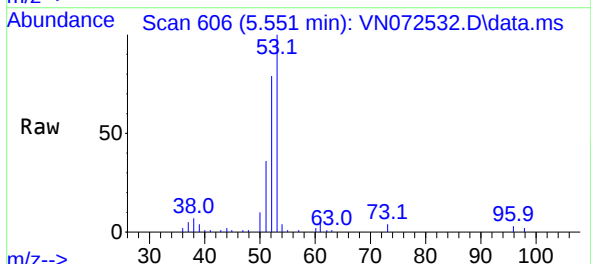
Tgt Ion: 56 Resp: 46979
Ion Ratio Lower Upper
56 100
55 70.8 57.6 86.4

Manual Integrations
APPROVED

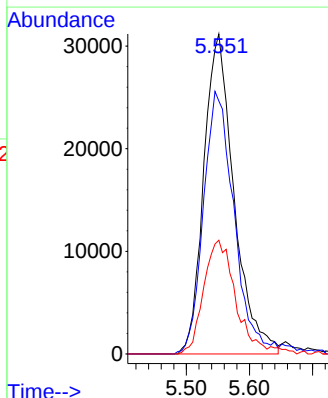
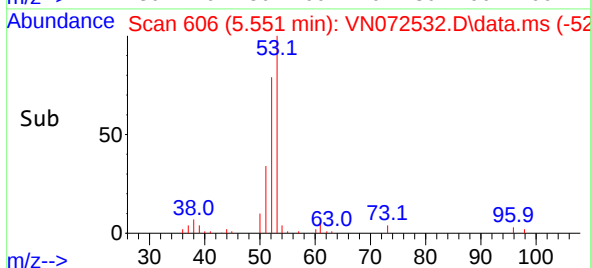
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

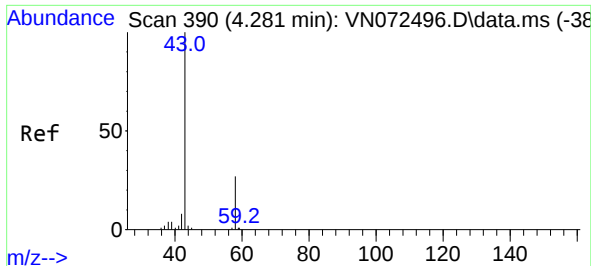


#14
Acrylonitrile
Concen: 81.354 ug/l
RT: 5.551 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13



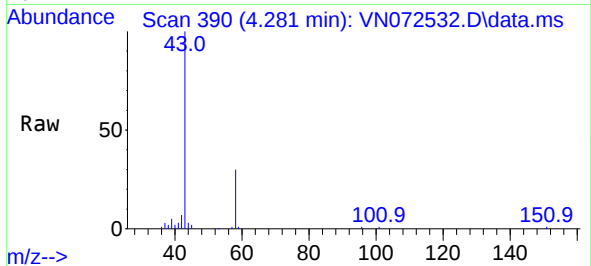
Tgt Ion: 53 Resp: 103587
Ion Ratio Lower Upper
53 100
52 82.4 41.8 125.4
51 37.0 19.0 57.0





#15
Acetone
Concen: 86.356 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

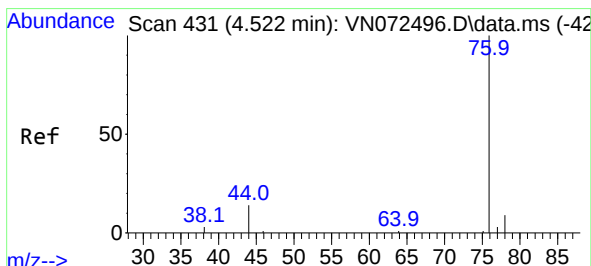
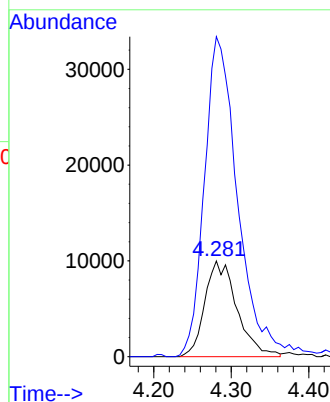
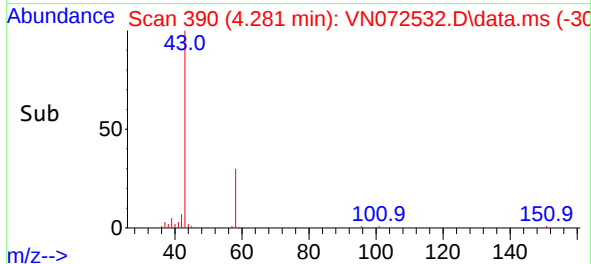
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



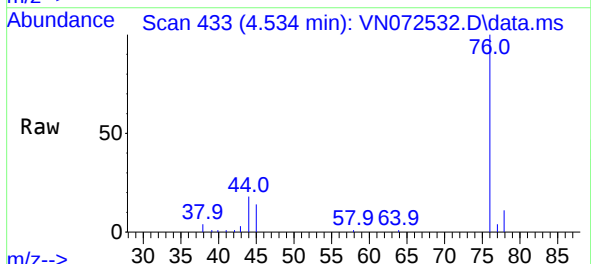
Tgt Ion: 58 Resp: 2883
Ion Ratio Lower Upper
58 100
43 332.3 256.6 384.8

Manual Integrations
APPROVED

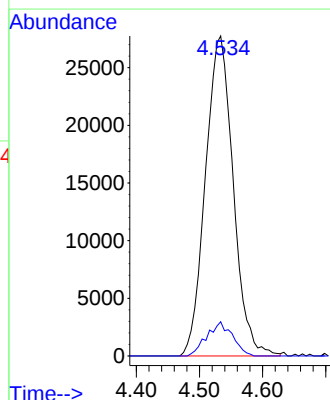
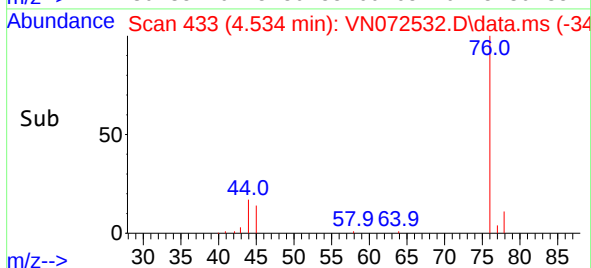
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

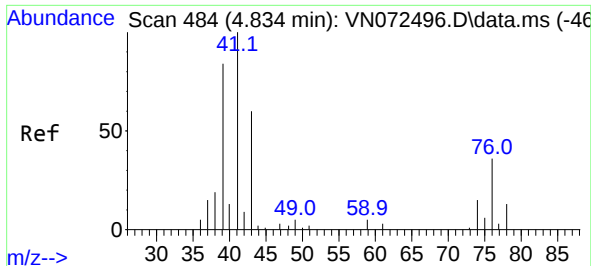


#16
Carbon Disulfide
Concen: 17.540 ug/l
RT: 4.534 min Scan# 433
Delta R.T. 0.012 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13



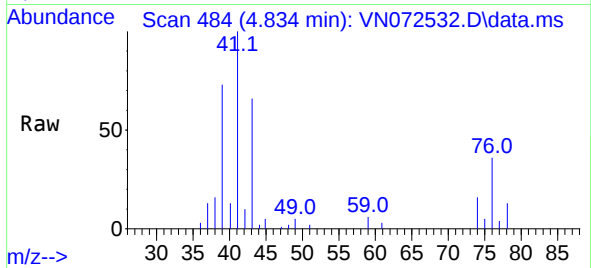
Tgt Ion: 76 Resp: 84877
Ion Ratio Lower Upper
76 100
78 10.7 7.8 11.8





#17
 Allyl chloride
 Concen: 17.566 ug/l m
 RT: 4.834 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VN072532.D
 Acq: 17 May 2022 16:13

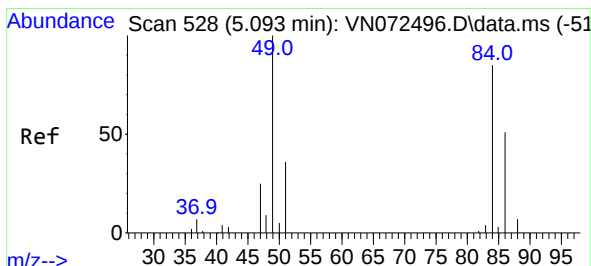
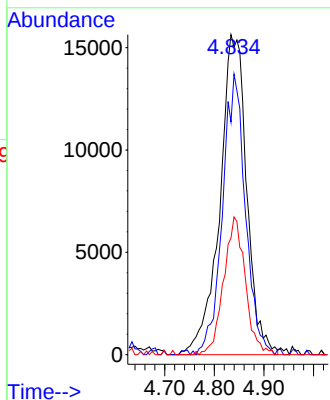
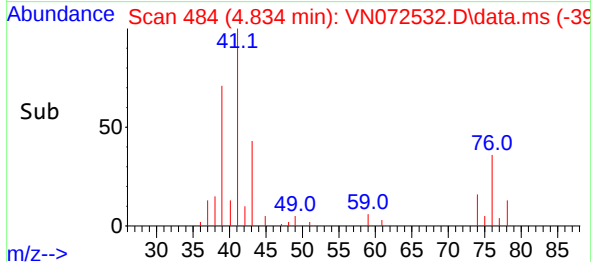
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0517WBSD01



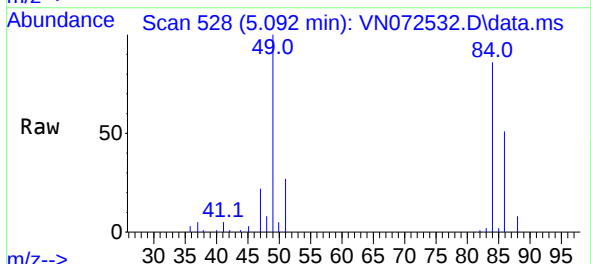
Tgt Ion: 41 Resp: 59150
 Ion Ratio Lower Upper
 41 100
 39 72.7 44.6 134.0
 76 36.5 19.6 58.7

Manual Integrations
 APPROVED

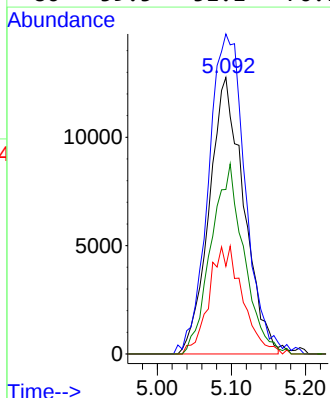
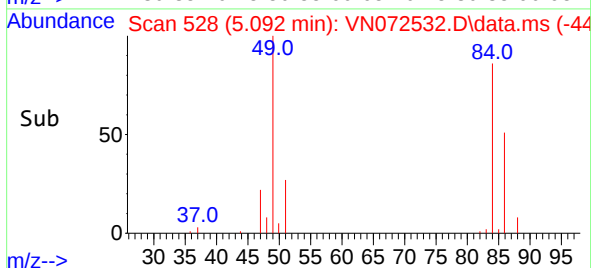
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022

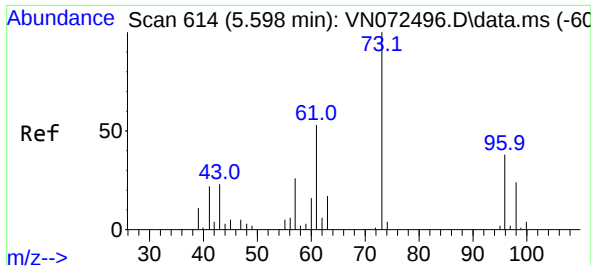


#18
 Methylene Chloride
 Concen: 18.787 ug/l
 RT: 5.092 min Scan# 528
 Delta R.T. -0.000 min
 Lab File: VN072532.D
 Acq: 17 May 2022 16:13



Tgt Ion: 84 Resp: 41485
 Ion Ratio Lower Upper
 84 100
 49 112.5 91.4 137.0
 51 31.7 29.4 44.0
 86 59.5 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 18.195 ug/l

RT: 5.598 min Scan# 614

Delta R.T. -0.000 min

Lab File: VN072532.D

Acq: 17 May 2022 16:13

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD01

Tgt Ion: 96 Resp: 3728

Ion Ratio Lower Upper

96 100

61 139.3 102.8 154.2

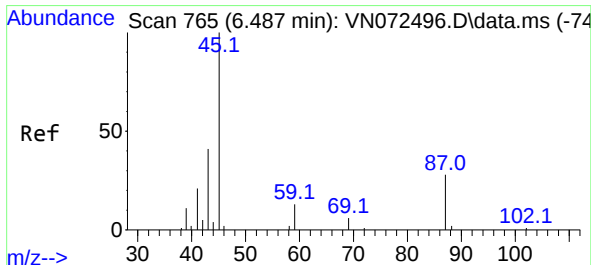
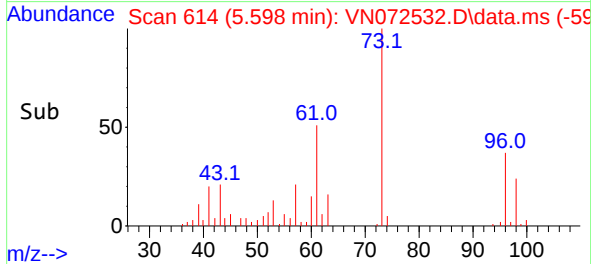
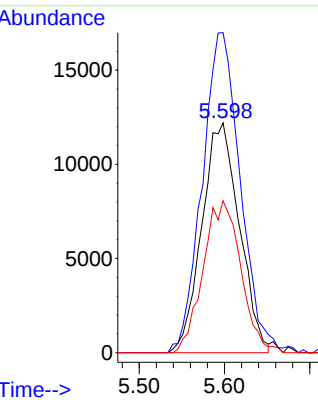
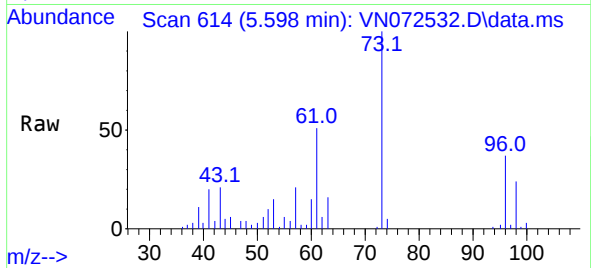
98 66.2 49.3 73.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#20

Diisopropyl ether

Concen: 18.464 ug/l

RT: 6.492 min Scan# 766

Delta R.T. 0.006 min

Lab File: VN072532.D

Acq: 17 May 2022 16:13

Tgt Ion: 45 Resp: 129255

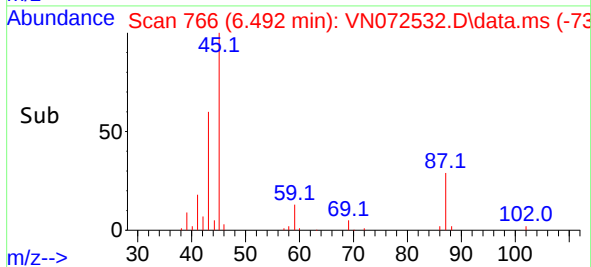
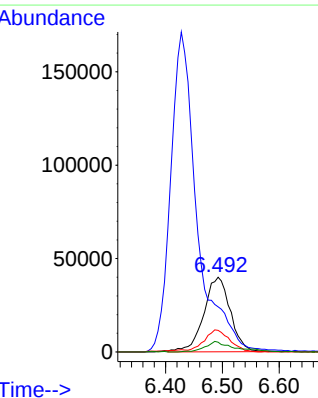
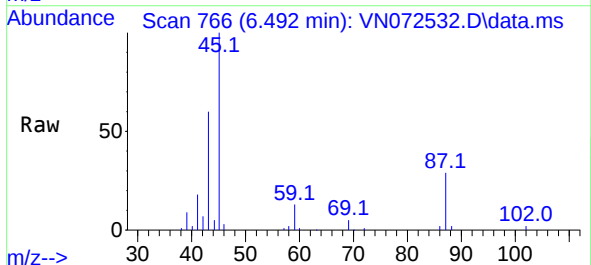
Ion Ratio Lower Upper

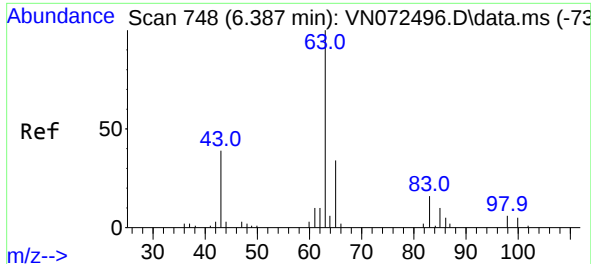
45 100

43 58.0 51.0 76.4

87 29.1 25.0 37.4

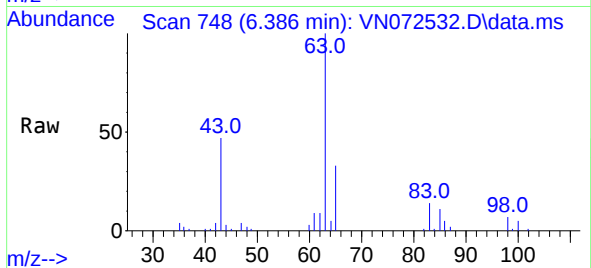
59 13.1 8.7 13.1





#21
1,1-Dichloroethane
Concen: 17.051 ug/l
RT: 6.386 min Scan# 748
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

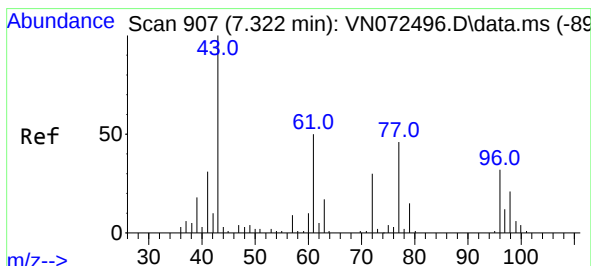
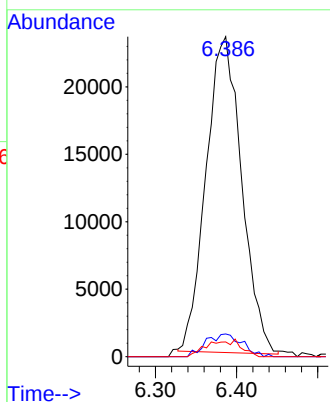
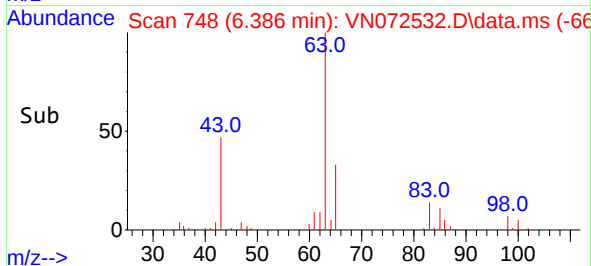
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



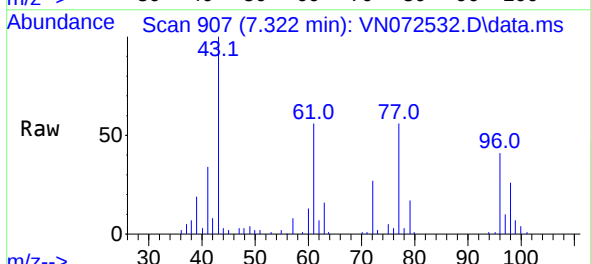
Tgt Ion: 63 Resp: 71382
Ion Ratio Lower Upper
63 100
98 7.2 3.2 9.6
100 4.7 2.1 6.2

Manual Integrations
APPROVED

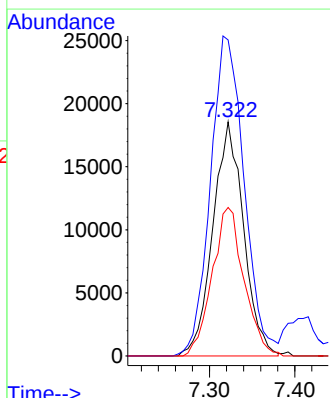
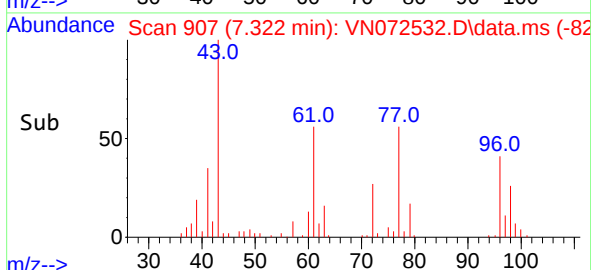
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

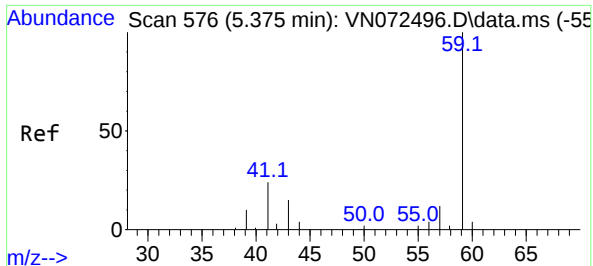


#22
cis-1,2-Dichloroethene
Concen: 19.298 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13



Tgt Ion: 96 Resp: 46424
Ion Ratio Lower Upper
96 100
61 150.1 115.7 173.5
98 65.8 51.6 77.4





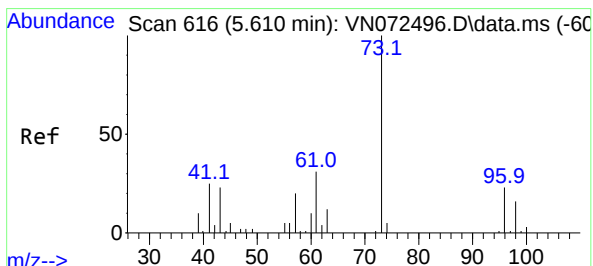
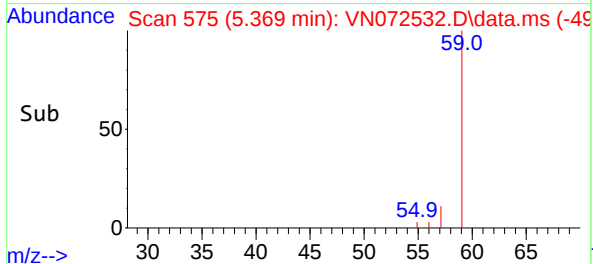
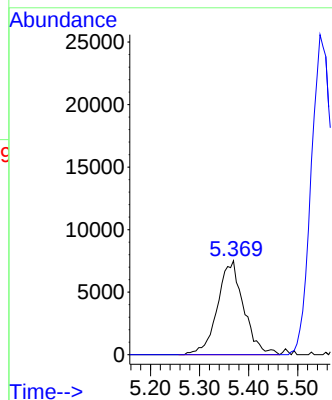
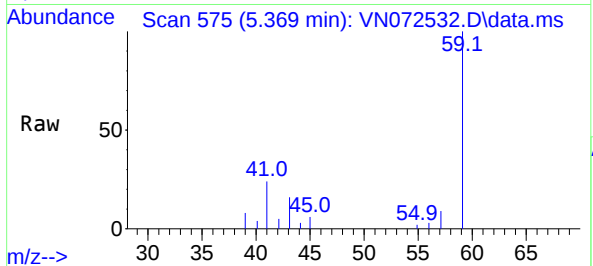
#23
tert-Butyl Alcohol
Concen: 49.616 ug/l m
RT: 5.369 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01

Tgt Ion: 59 Resp: 2771
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

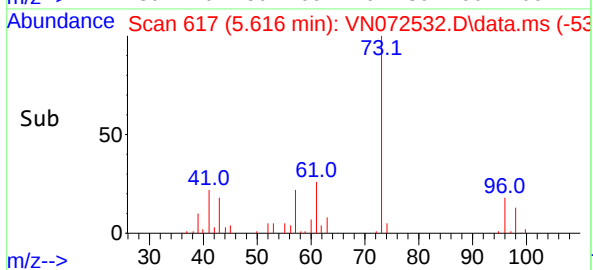
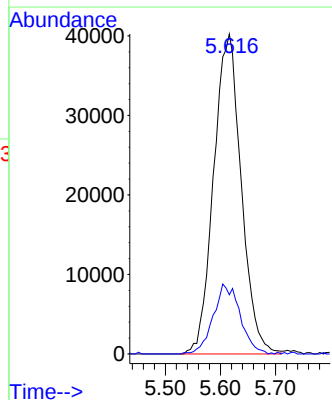
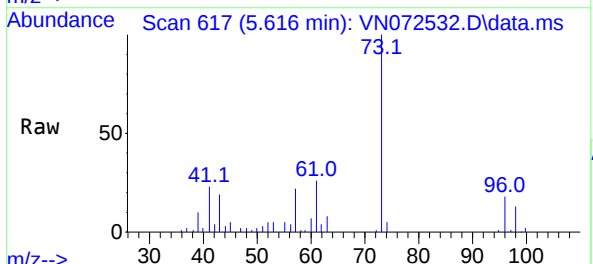
Manual Integrations
APPROVED

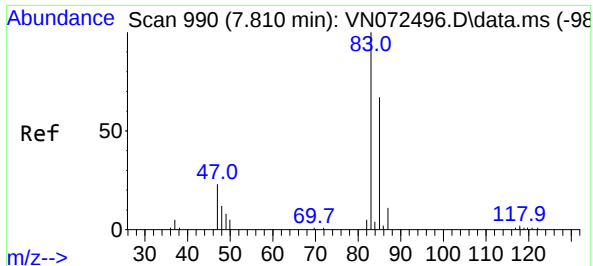
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#24
Methyl tert-Butyl Ether
Concen: 18.278 ug/l m
RT: 5.616 min Scan# 617
Delta R.T. 0.006 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

Tgt Ion: 73 Resp: 139885
Ion Ratio Lower Upper
73 100
43 0.1 18.1 27.1#





#25

Chloroform

Concen: 18.338 ug/l

RT: 7.810 min Scan# 990

Delta R.T. -0.000 min

Lab File: VN072532.D

Acq: 17 May 2022 16:13

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD01

Tgt Ion: 83 Resp: 82799

Ion Ratio Lower Upper

83 100

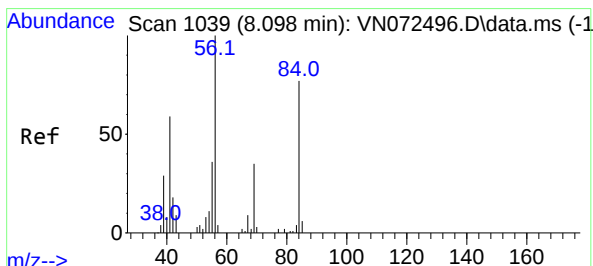
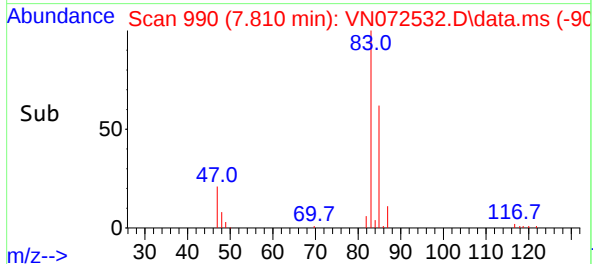
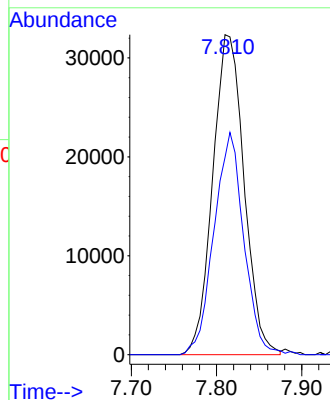
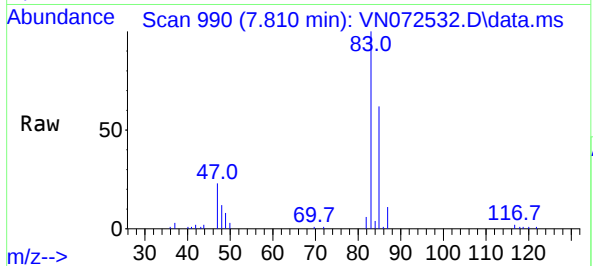
85 61.6 51.3 76.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/18/2022

Supervised By :Mahesh Dadoda 05/18/2022



#26

Cyclohexane

Concen: 18.521 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VN072532.D

Acq: 17 May 2022 16:13

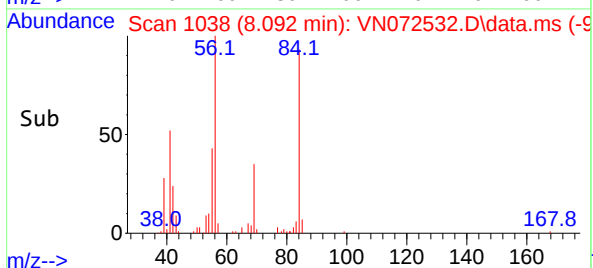
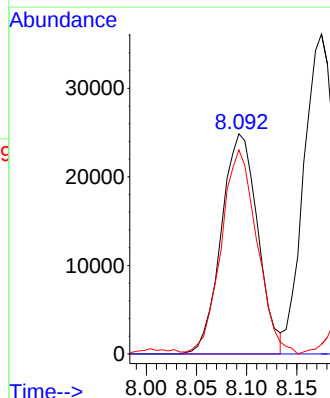
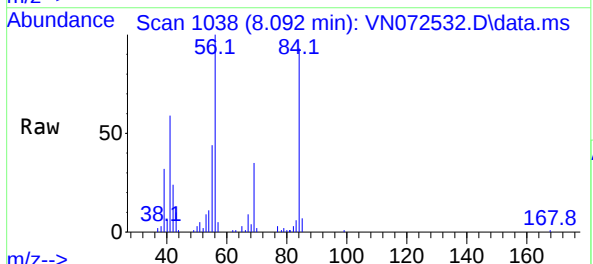
Tgt Ion: 56 Resp: 62922

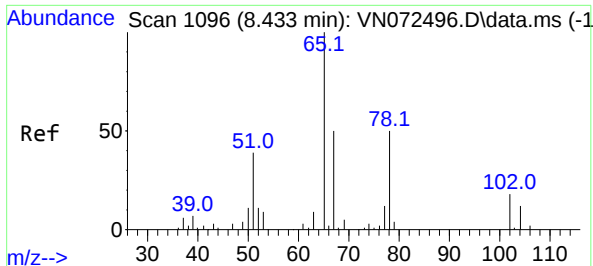
Ion Ratio Lower Upper

56 100

89 0.0 0.1 0.1#

84 91.3 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 28.026 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

Instrument :

MSVOA_N

ClientSampleId :

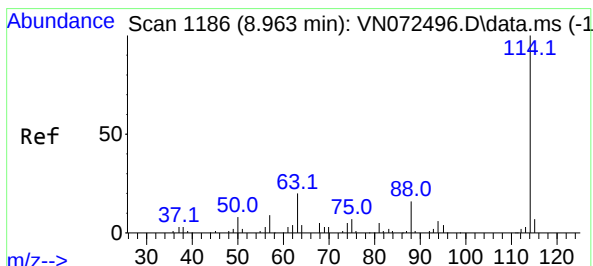
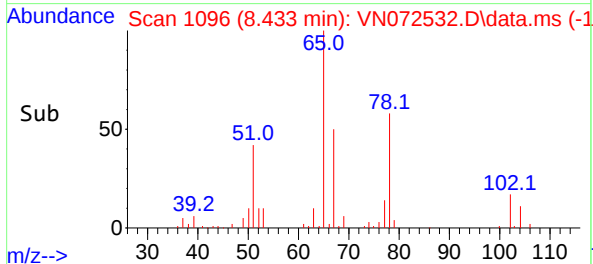
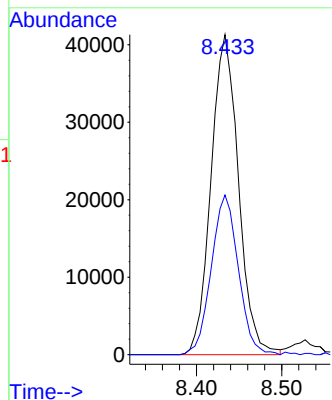
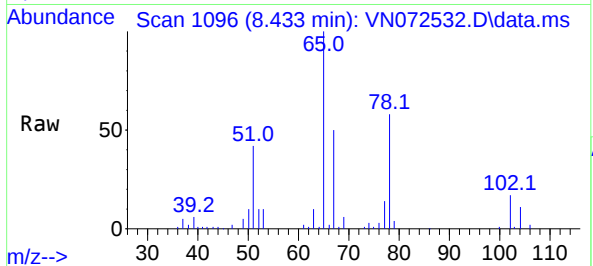
VN0517WBSD01

Tgt Ion: 65 Resp: 9255
Ion Ratio Lower Upper
65 100
67 48.8 40.2 60.2

Manual Integrations

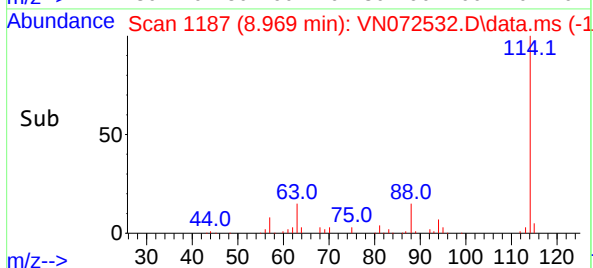
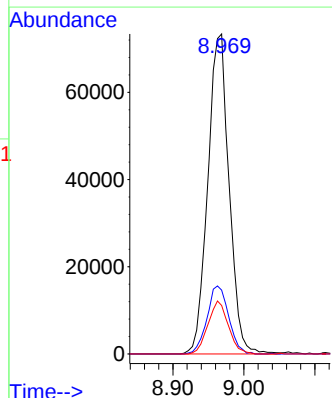
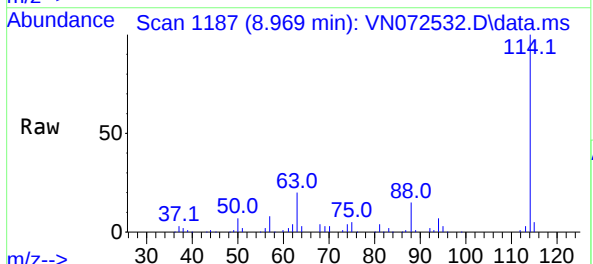
APPROVED

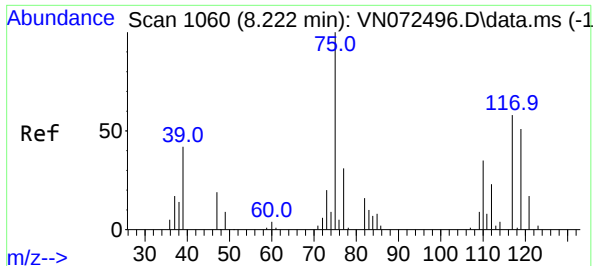
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.969 min Scan# 1187
Delta R.T. 0.006 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

Tgt Ion:114 Resp: 152909
Ion Ratio Lower Upper
114 100
63 21.6 15.8 23.6
88 15.8 11.6 17.4





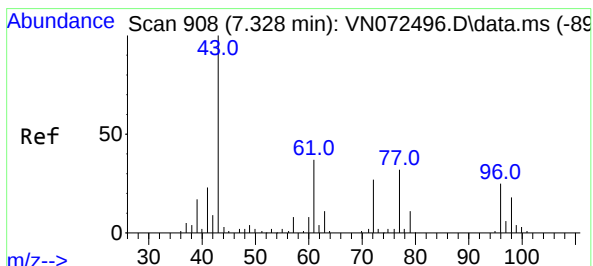
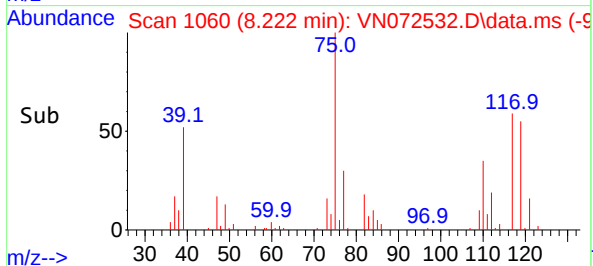
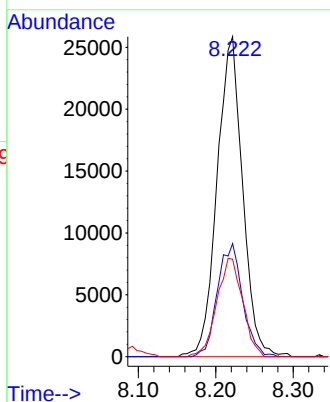
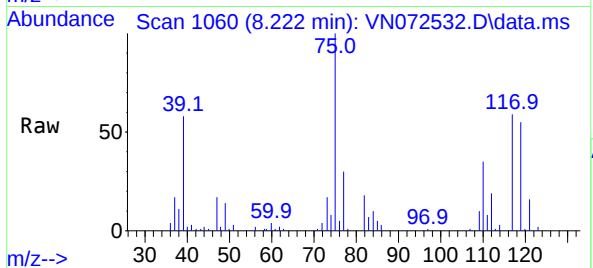
#29
1,1-Dichloropropene
Concen: 19.392 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01

Tgt Ion: 75 Resp: 5905
Ion Ratio Lower Upper
75 100
110 34.6 0.0 74.2
77 31.1 0.0 63.2

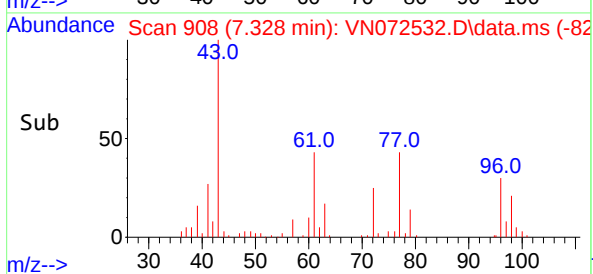
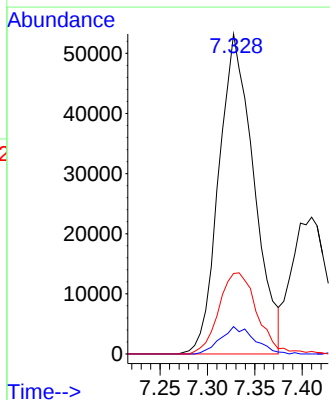
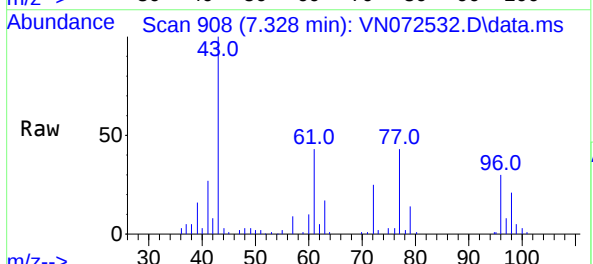
Manual Integrations
APPROVED

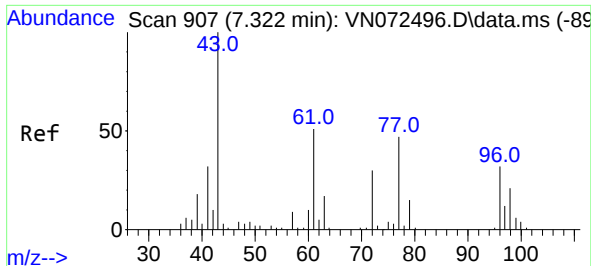
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#30
2-Butanone
Concen: 77.733 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

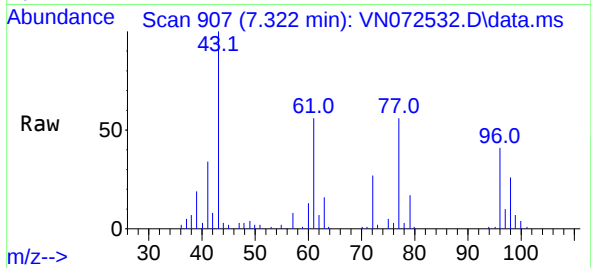
Tgt Ion: 43 Resp: 137008
Ion Ratio Lower Upper
43 100
57 8.3 6.7 10.1
72 27.2 23.2 34.8





#31
2,2-Dichloropropane
Concen: 19.059 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

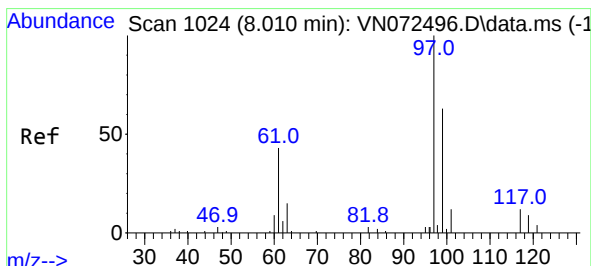
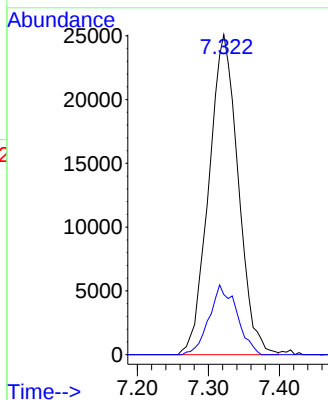
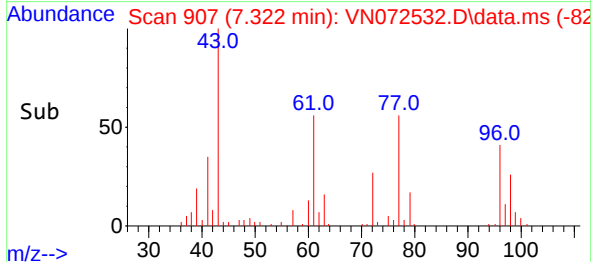
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



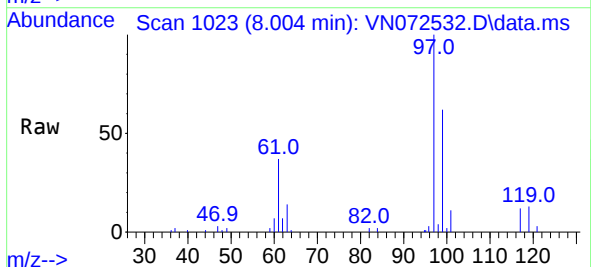
Tgt Ion: 77 Resp: 72008
Ion Ratio Lower Upper
77 100
97 13.9 18.3 27.5

Manual Integrations
APPROVED

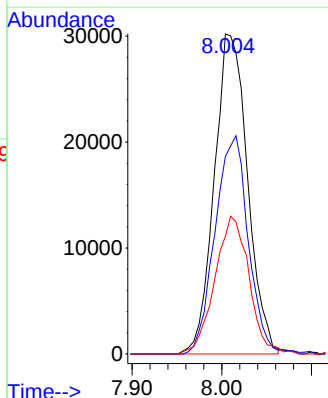
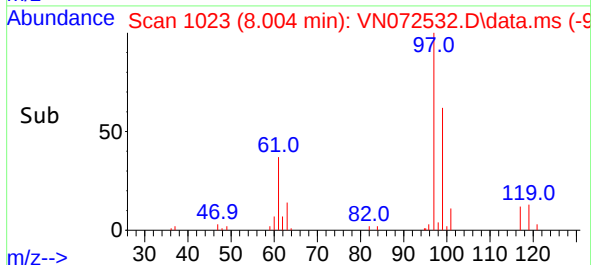
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

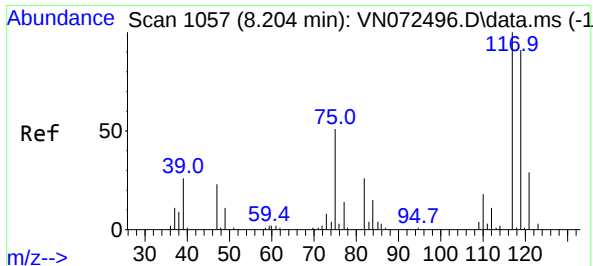


#32
1,1,1-Trichloroethane
Concen: 17.905 ug/l
RT: 8.004 min Scan# 1023
Delta R.T. -0.006 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13



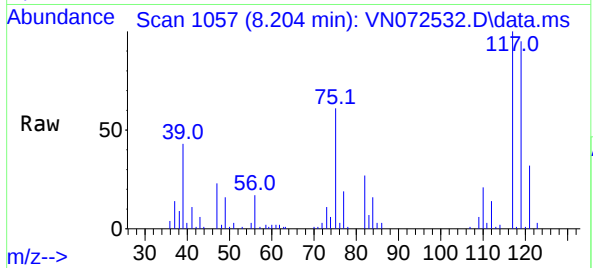
Tgt Ion: 97 Resp: 77775
Ion Ratio Lower Upper
97 100
99 67.7 50.4 75.6
61 43.9 34.6 51.8





#33
Carbon Tetrachloride
Concen: 18.197 ug/l
RT: 8.204 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

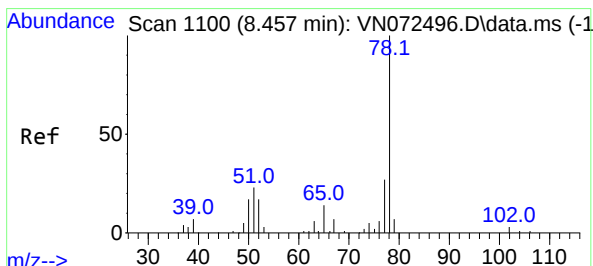
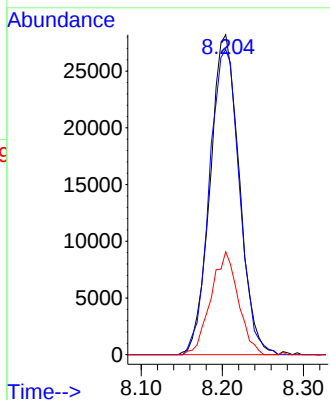
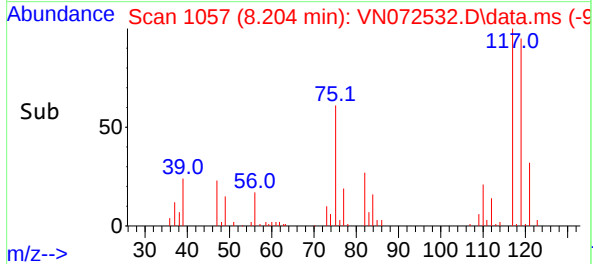
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



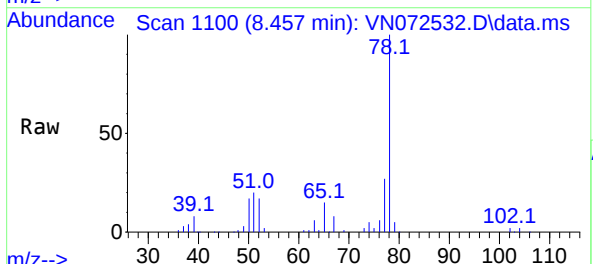
Tgt Ion:117 Resp: 70244
Ion Ratio Lower Upper
117 100
119 95.4 77.5 116.3
121 32.1 23.5 35.3

Manual Integrations
APPROVED

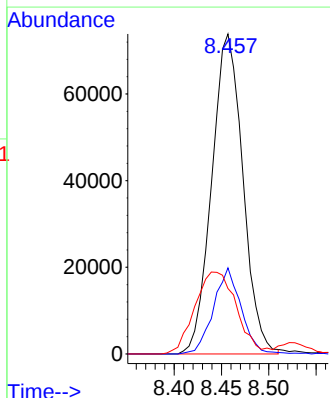
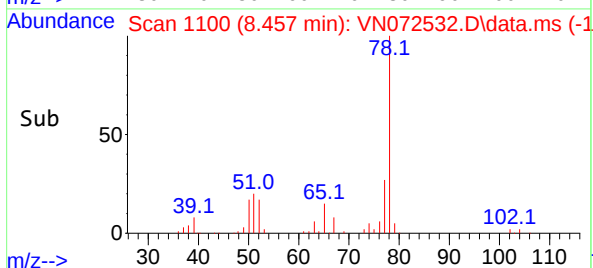
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

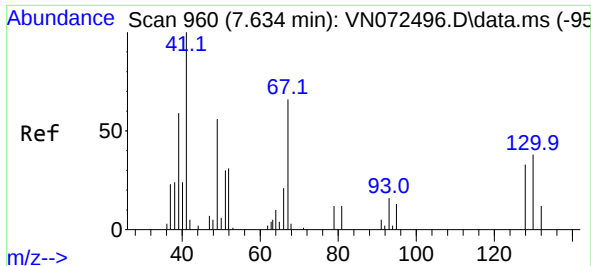


#34
Benzene
Concen: 19.516 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13



Tgt Ion: 78 Resp: 168879
Ion Ratio Lower Upper
78 100
77 26.9 19.1 28.7
51 18.3 16.0 24.0





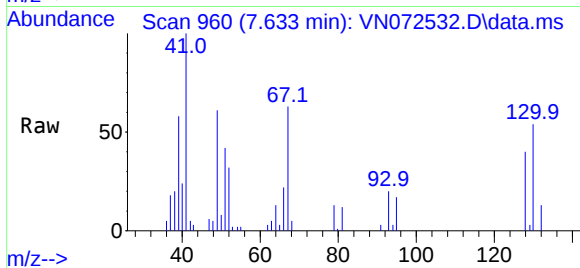
#35
Methacrylonitrile
Concen: 14.947 ug/l
RT: 7.633 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

Instrument :

MSVOA_N

ClientSampleId :

VN0517WBSD01

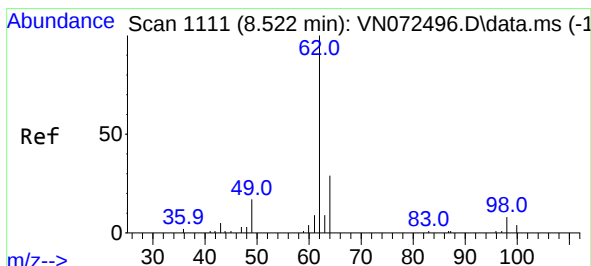
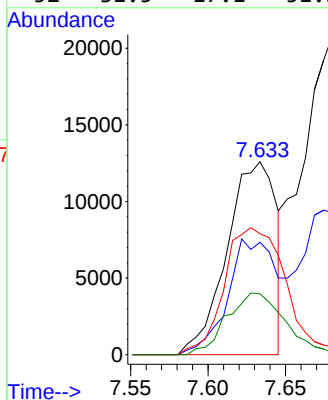
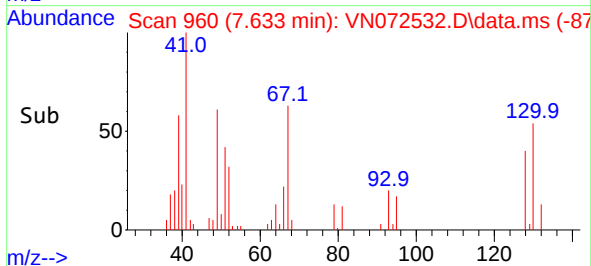


Tgt Ion: 41 Resp: 27854
Ion Ratio Lower Upper
41 100
39 58.2 28.0 83.9
67 62.7 37.7 113.1
52 31.5 17.1 51.2

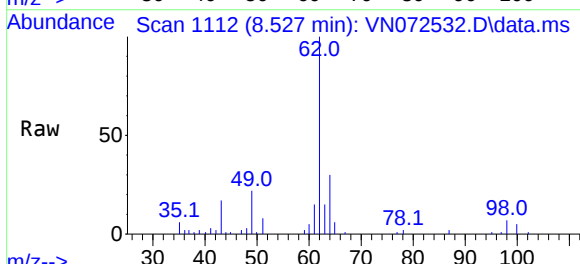
Manual Integrations

APPROVED

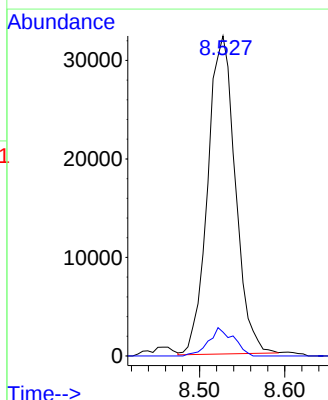
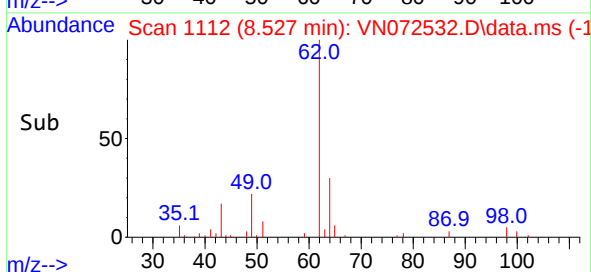
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

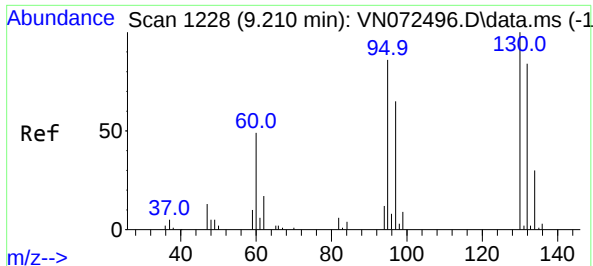


#36
1,2-Dichloroethane
Concen: 18.046 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13



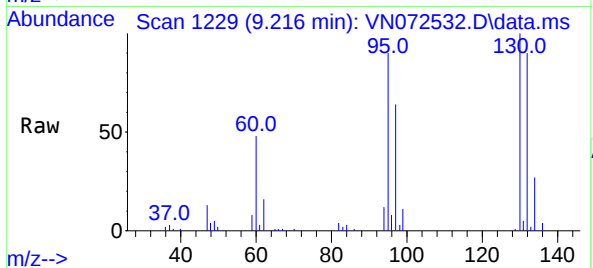
Tgt Ion: 62 Resp: 72721
Ion Ratio Lower Upper
62 100
98 8.1 6.6 10.0





#37
Trichloroethene
Concen: 19.653 ug/l
RT: 9.216 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

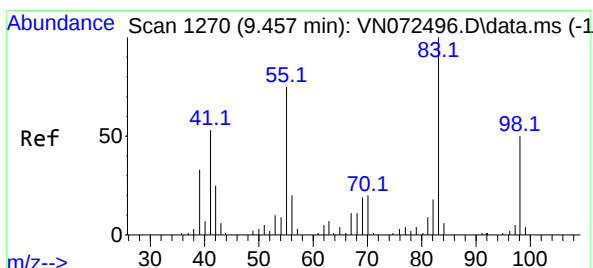
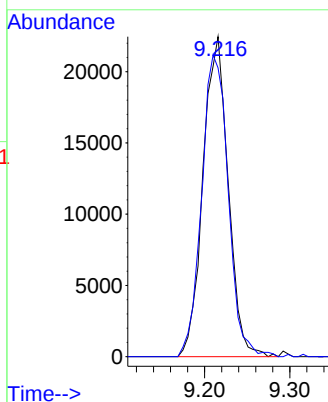
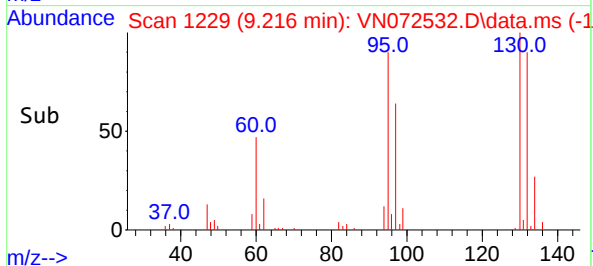
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



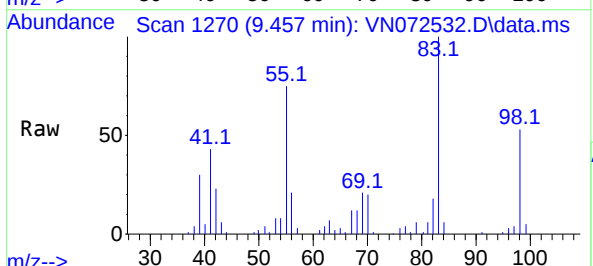
Tgt Ion:130 Resp: 46130
Ion Ratio Lower Upper
130 100
95 90.3 76.6 115.0

Manual Integrations
APPROVED

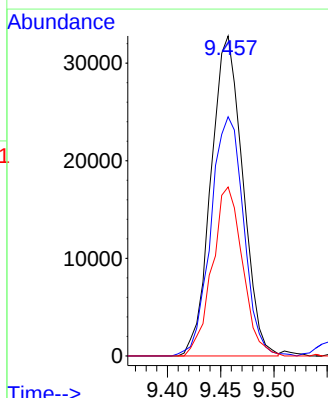
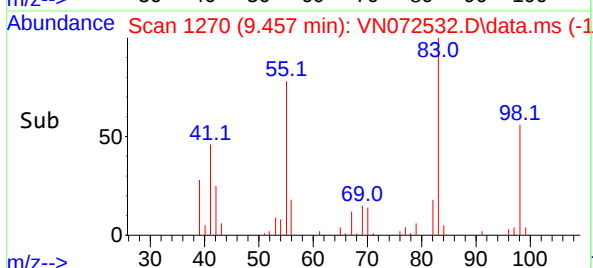
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

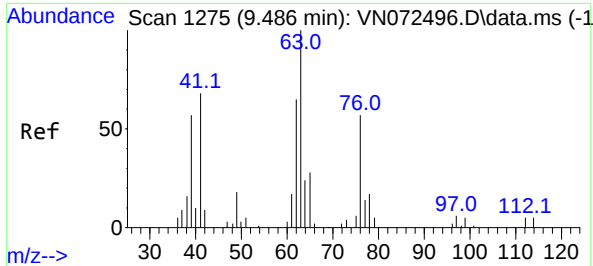


#38
Methylcyclohexane
Concen: 19.231 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13



Tgt Ion: 83 Resp: 67710
Ion Ratio Lower Upper
83 100
55 77.5 35.1 105.3
98 50.7 23.4 70.2





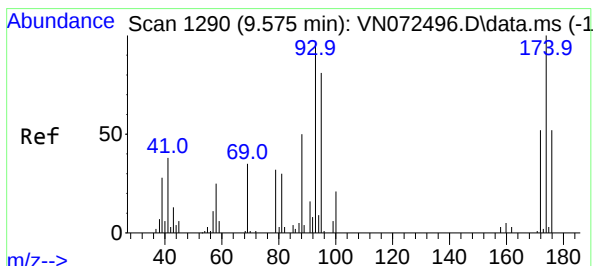
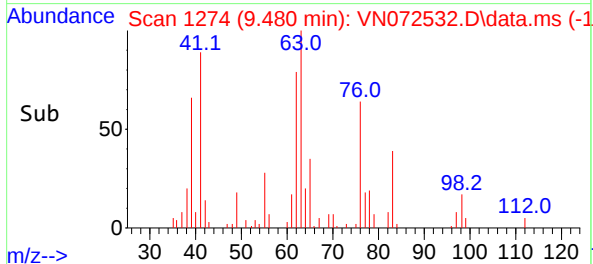
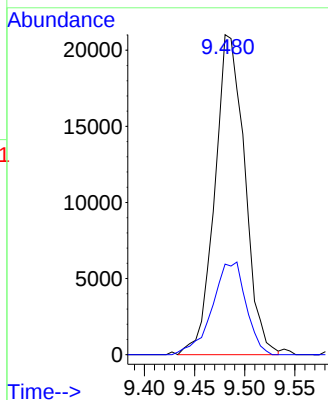
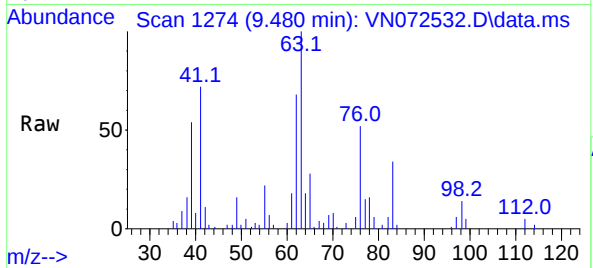
#39
1,2-Dichloropropane
Concen: 20.057 ug/l
RT: 9.480 min Scan# 1275
Delta R.T. -0.006 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01

Tgt Ion: 63 Resp: 43719
Ion Ratio Lower Upper
63 100
65 28.3 24.2 36.4

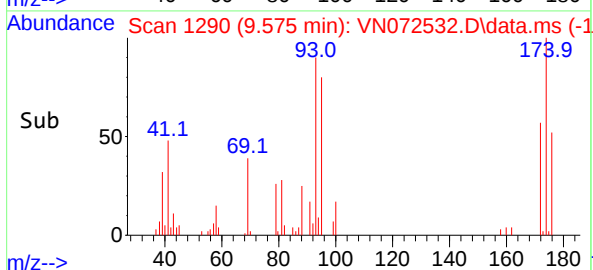
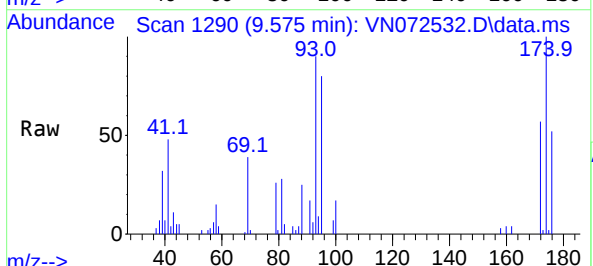
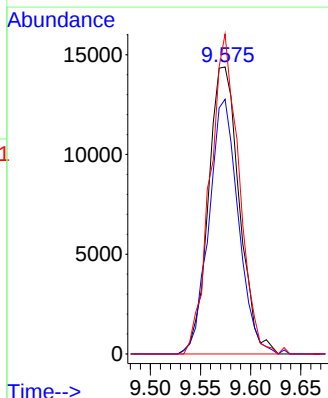
Manual Integrations
APPROVED

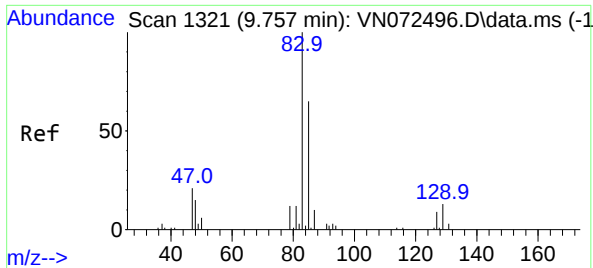
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#40
Dibromomethane
Concen: 18.247 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

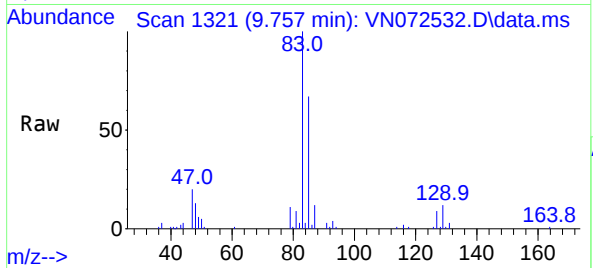
Tgt Ion: 93 Resp: 30703
Ion Ratio Lower Upper
93 100
95 84.5 0.0 168.8
174 104.0 0.0 173.6





#41
Bromodichloromethane
Concen: 18.563 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

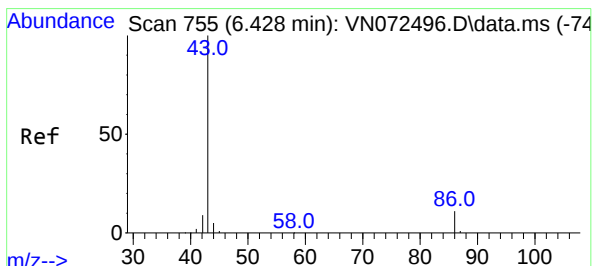
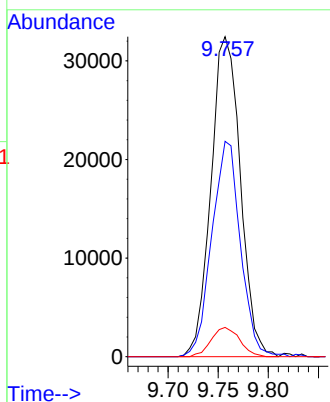
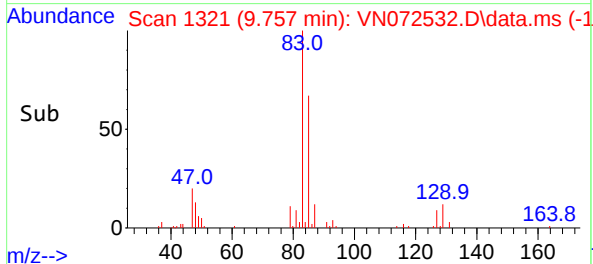
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



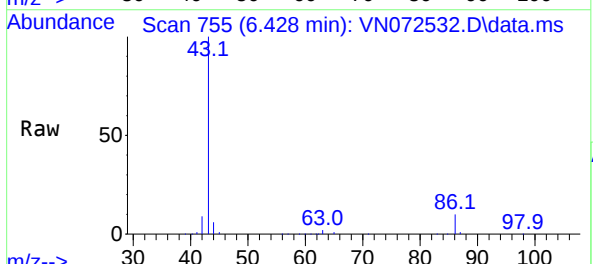
Tgt Ion: 83 Resp: 6617
Ion Ratio Lower Upper
83 100
85 67.3 54.1 81.1
127 9.2 7.6 11.4

Manual Integrations
APPROVED

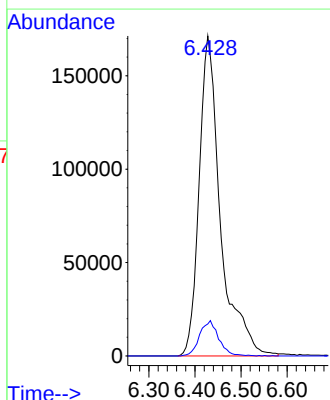
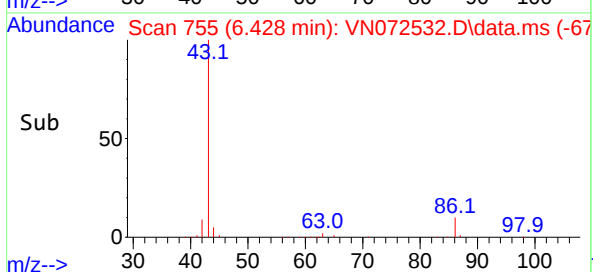
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

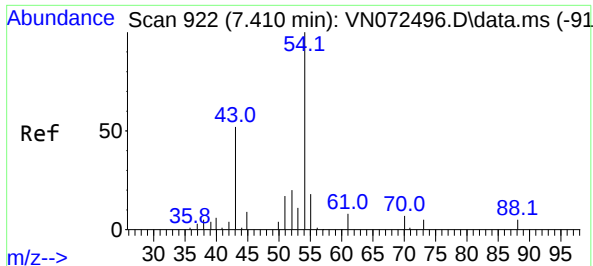


#42
Vinyl Acetate
Concen: 93.346 ug/l
RT: 6.428 min Scan# 755
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13



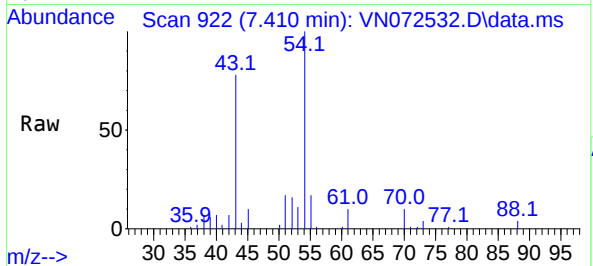
Tgt Ion: 43 Resp: 553763
Ion Ratio Lower Upper
43 100
86 9.8 7.5 11.3





#43
Ethyl Acetate
Concen: 18.226 ug/l
RT: 7.410 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

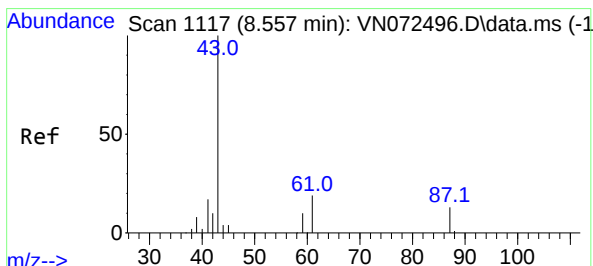
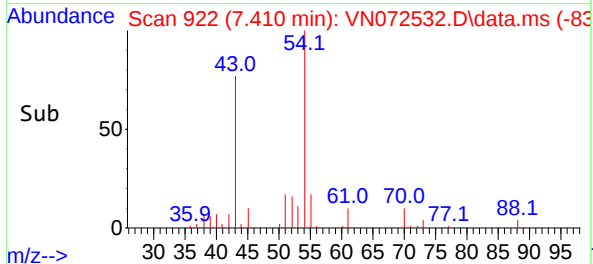
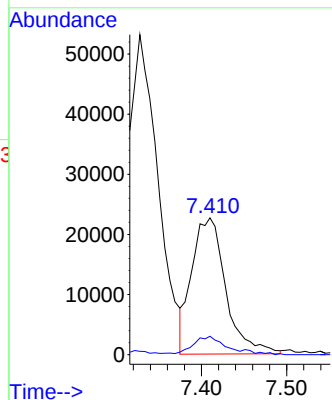
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion: 43 Resp: 62734
Ion Ratio Lower Upper
43 100
45 11.9 10.6 16.0

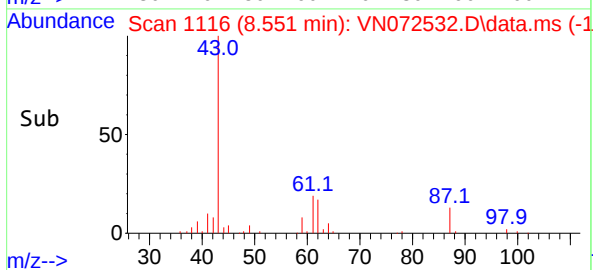
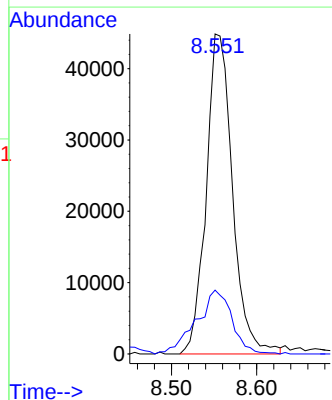
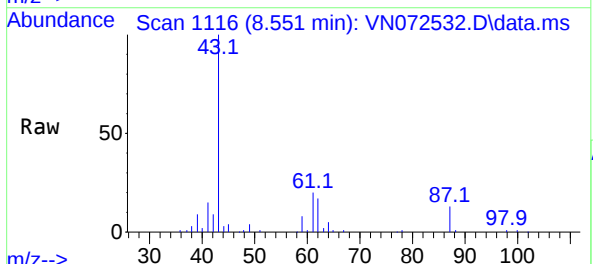
Manual Integrations
APPROVED

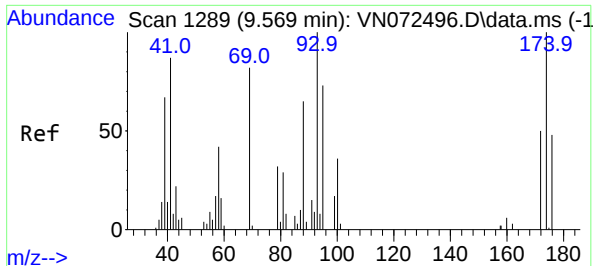
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#44
Isopropyl Acetate
Concen: 17.487 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

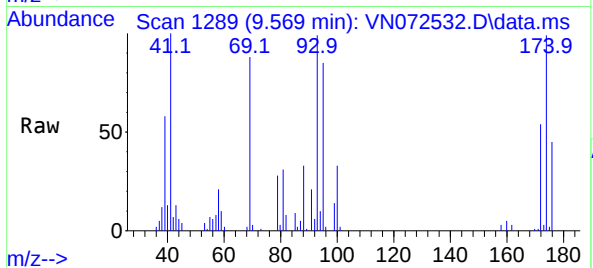
Tgt Ion: 43 Resp: 96349
Ion Ratio Lower Upper
43 100
61 19.3 20.1 30.1#





#45
1,4-Dioxane
Concen: 184.474 ug/l
RT: 9.569 min Scan# 1289
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

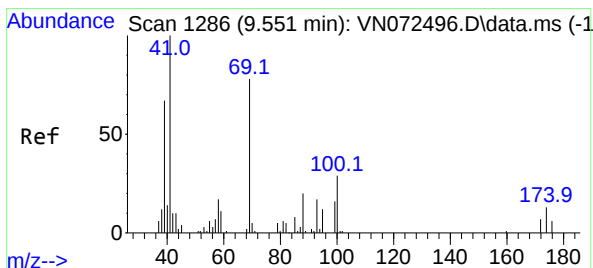
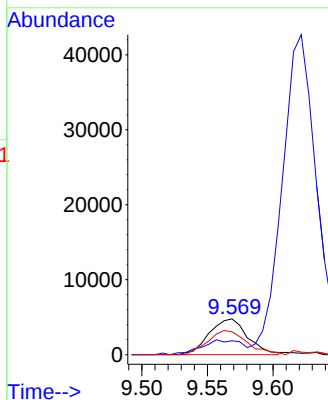
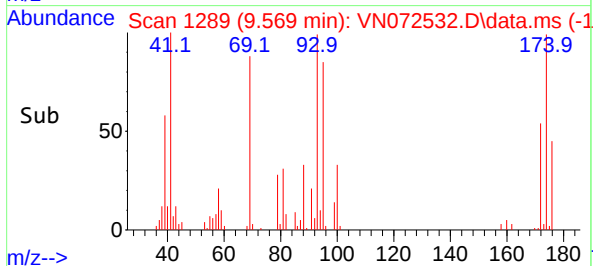
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



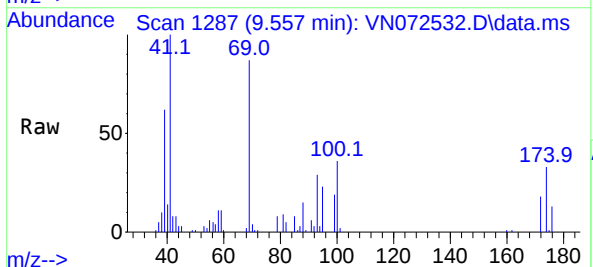
Tgt Ion: 88 Resp: 968
Ion Ratio Lower Upper
88 100
43 26.7 25.0 37.6
58 68.7 49.4 74.2

Manual Integrations
APPROVED

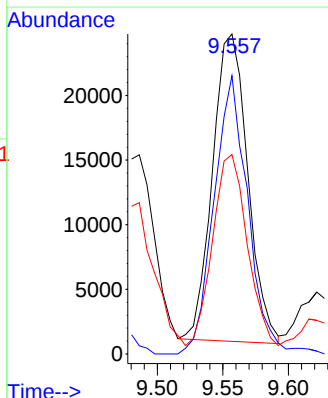
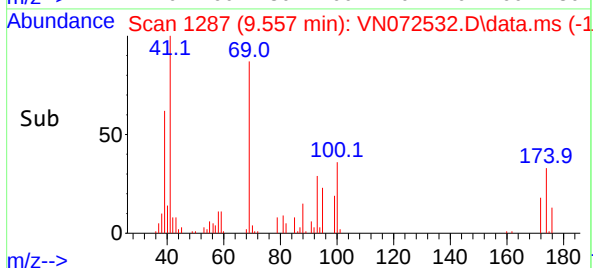
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

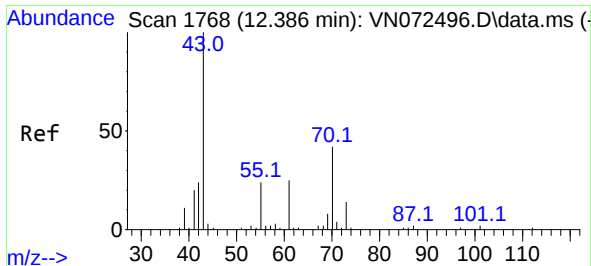


#46
Methyl methacrylate
Concen: 16.996 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13



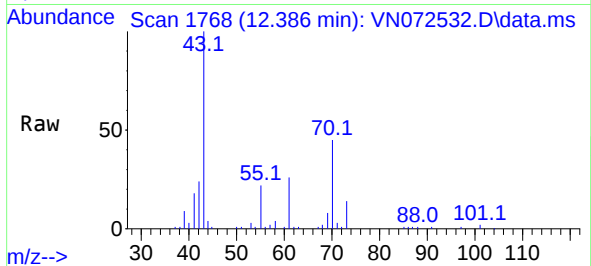
Tgt Ion: 41 Resp: 44311
Ion Ratio Lower Upper
41 100
69 91.3 44.4 133.2
39 62.6 39.9 119.6





#47
n-amyl acetate
Concen: 17.650 ug/l
RT: 12.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

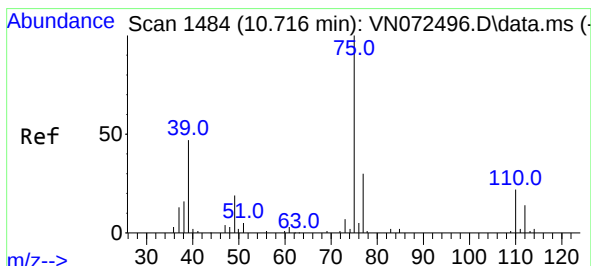
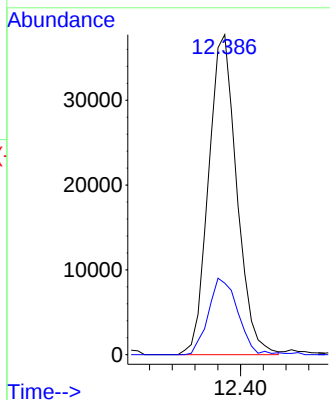
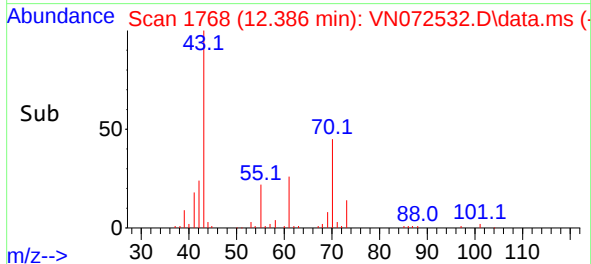
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion: 43 Resp: 6510
Ion Ratio Lower Upper
43 100
55 24.5 19.0 28.6

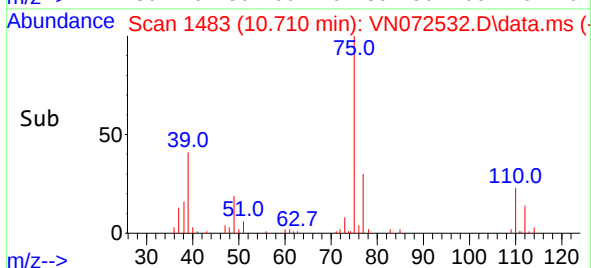
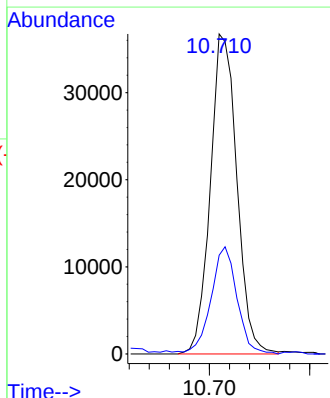
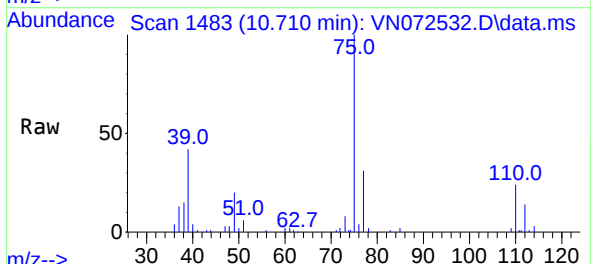
Manual Integrations
APPROVED

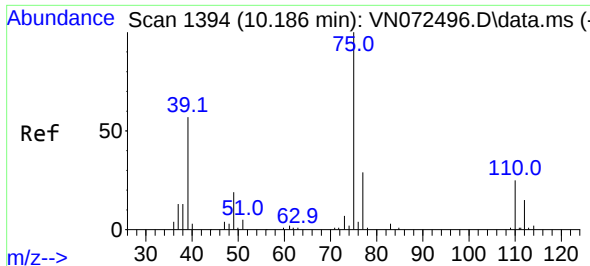
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#48
t-1,3-Dichloropropene
Concen: 17.926 ug/l
RT: 10.710 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

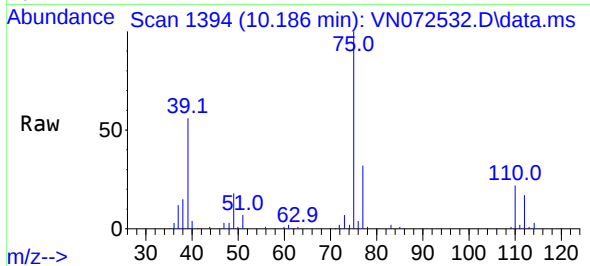
Tgt Ion: 75 Resp: 67459
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9





#49
cis-1,3-Dichloropropene
Concen: 18.478 ug/l
RT: 10.186 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

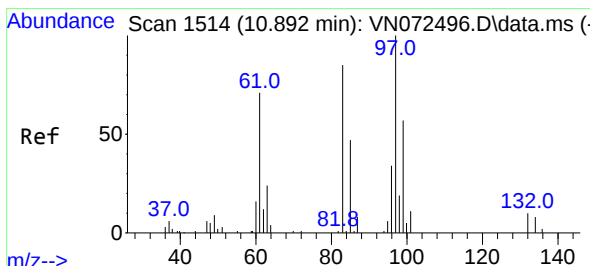
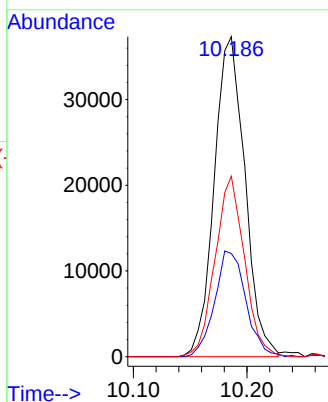
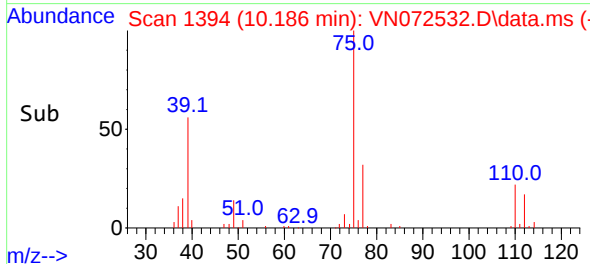
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion: 75 Resp: 70088
Ion Ratio Lower Upper
75 100
77 32.2 25.3 37.9
39 56.4 46.2 69.4

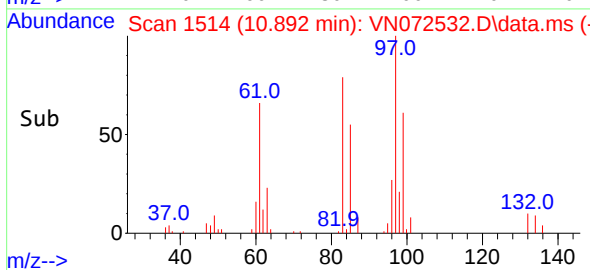
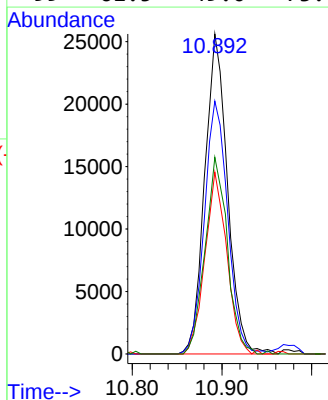
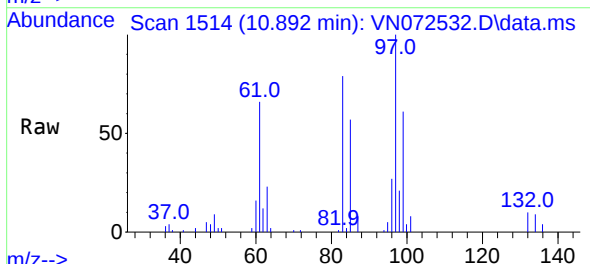
Manual Integrations
APPROVED

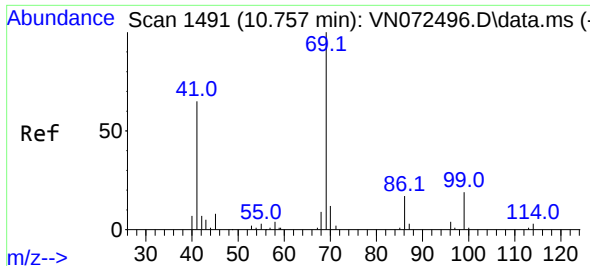
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#50
1,1,2-Trichloroethane
Concen: 19.444 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

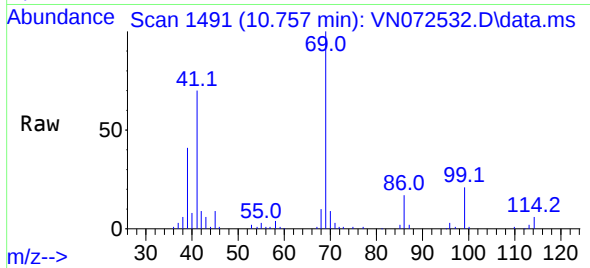
Tgt Ion: 97 Resp: 45127
Ion Ratio Lower Upper
97 100
83 79.0 67.2 100.8
85 56.8 43.0 64.4
99 61.5 49.0 73.4





#51
Ethyl methacrylate
Concen: 17.541 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

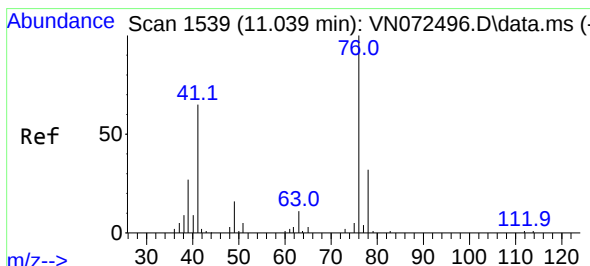
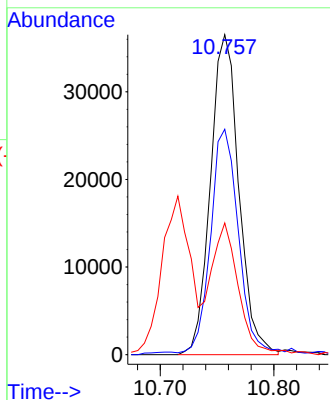
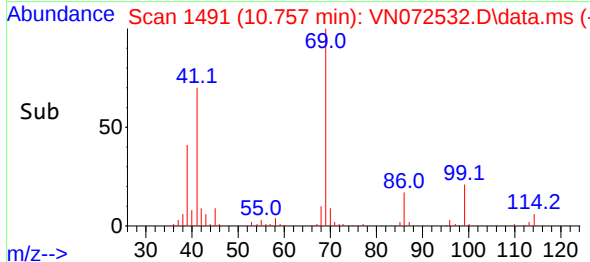
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



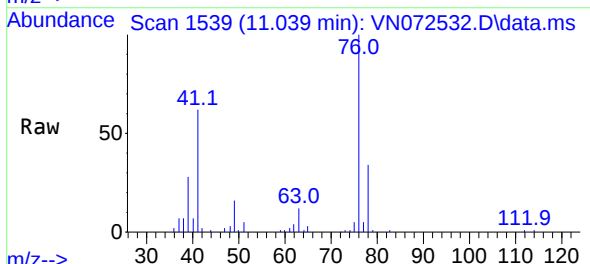
Tgt Ion: 69 Resp: 6348
Ion Ratio Lower Upper
69 100
41 69.8 33.0 98.9
39 39.8 25.4 76.4

Manual Integrations
APPROVED

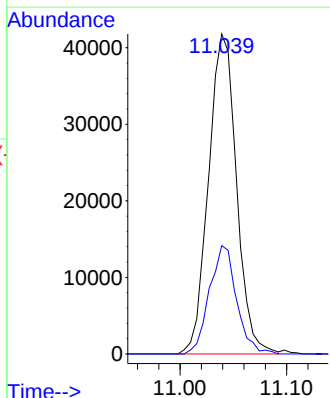
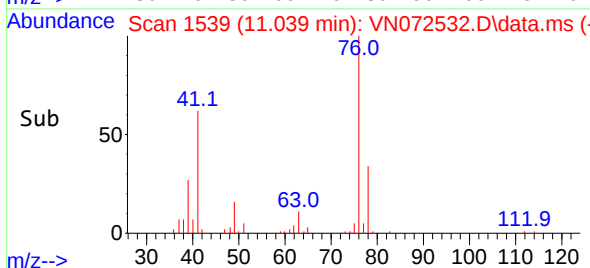
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

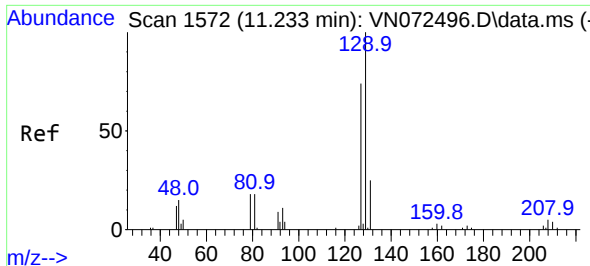


#52
1,3-Dichloropropane
Concen: 19.014 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13



Tgt Ion: 76 Resp: 76243
Ion Ratio Lower Upper
76 100
78 32.4 0.0 65.4





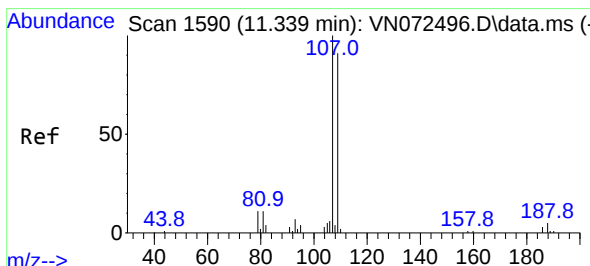
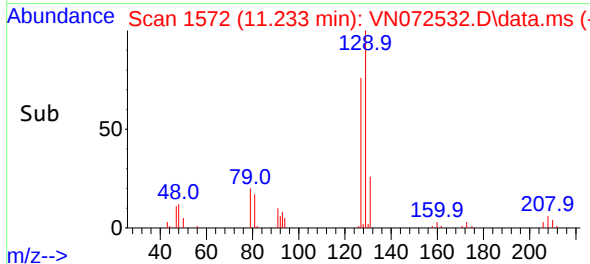
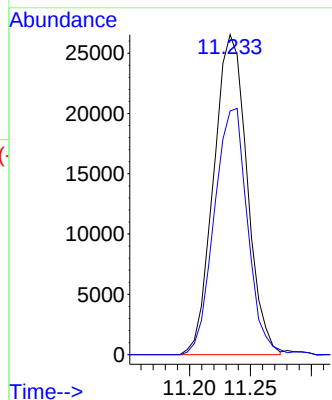
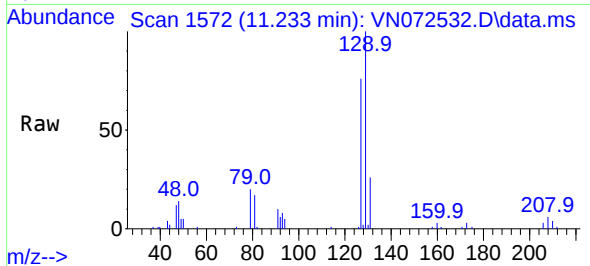
#53
Dibromochloromethane
Concen: 18.073 ug/l
RT: 11.233 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01

Tgt Ion:129 Resp: 50640
Ion Ratio Lower Upper
129 100
127 76.4 39.0 117.0

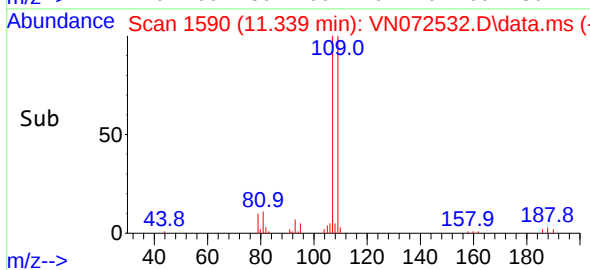
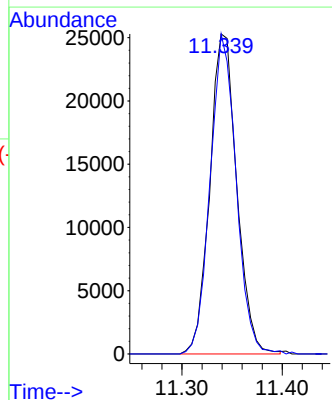
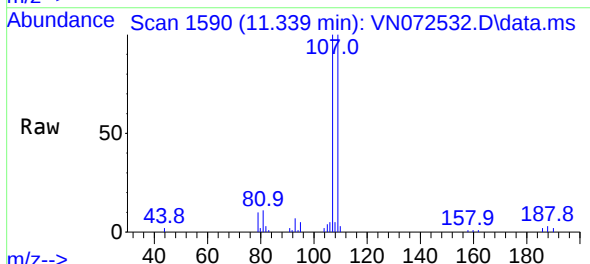
Manual Integrations
APPROVED

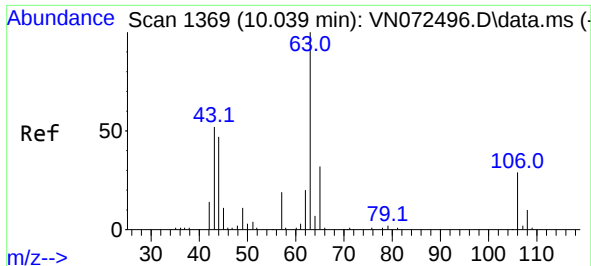
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#54
1,2-Dibromoethane
Concen: 19.175 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

Tgt Ion:107 Resp: 47340
Ion Ratio Lower Upper
107 100
109 96.0 72.8 109.2





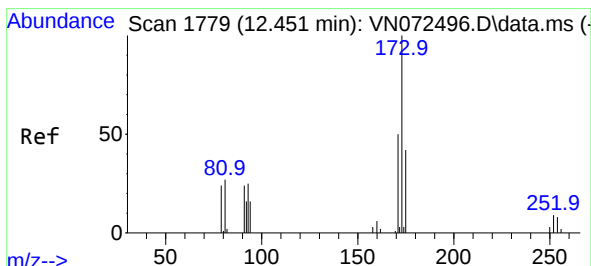
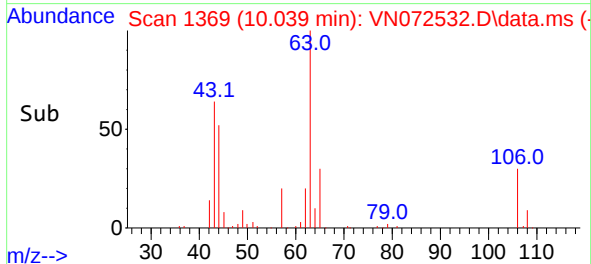
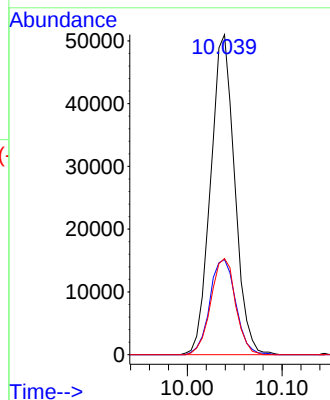
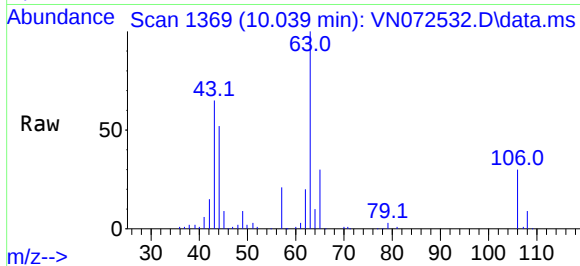
#55
2-Chloroethyl vinyl ether
Concen: 98.167 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01

Tgt Ion: 63 Resp: 9014
Ion Ratio Lower Upper
63 100
65 32.1 25.4 38.0
106 30.8 23.2 34.8

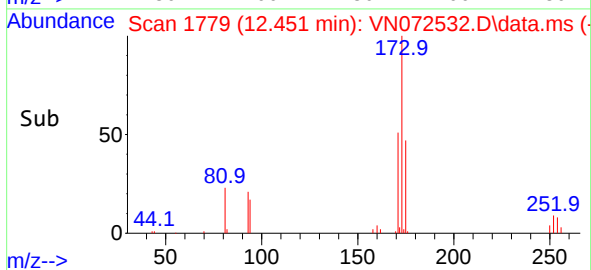
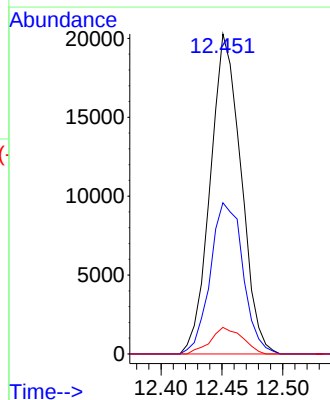
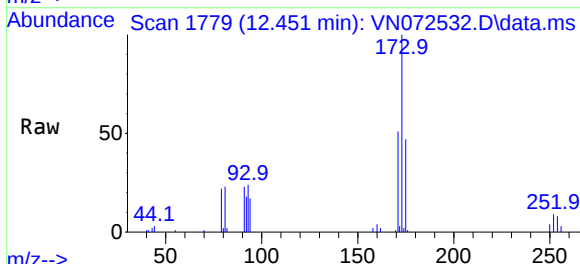
Manual Integrations
APPROVED

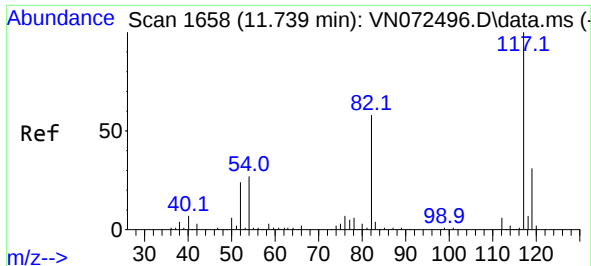
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#56
Bromoform
Concen: 16.834 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

Tgt Ion:173 Resp: 35577
Ion Ratio Lower Upper
173 100
175 50.3 38.6 58.0
254 8.6 0.0 0.0#





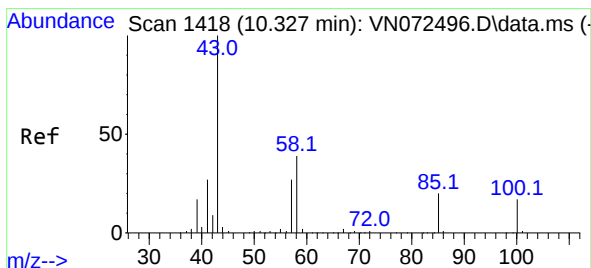
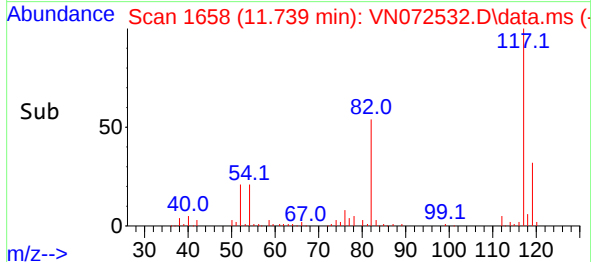
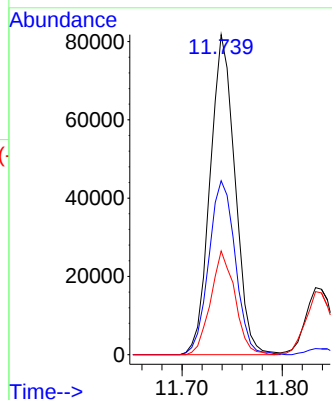
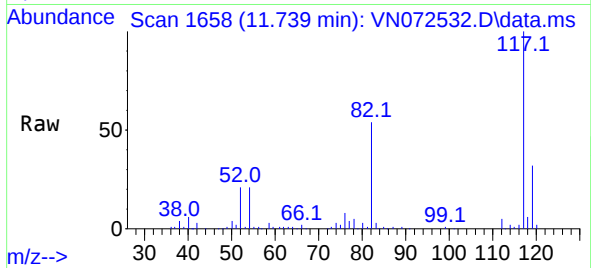
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01

Tgt Ion: 117 Resp: 141520
Ion Ratio Lower Upper
117 100
82 57.7 43.6 65.4
119 31.5 25.8 38.6

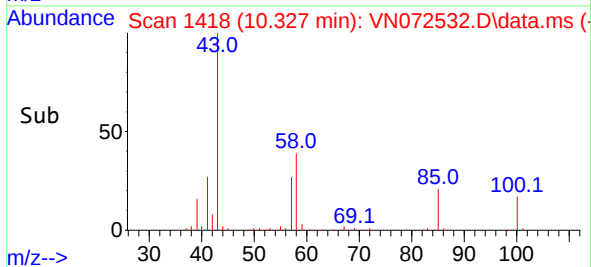
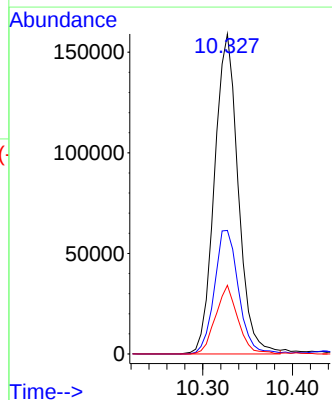
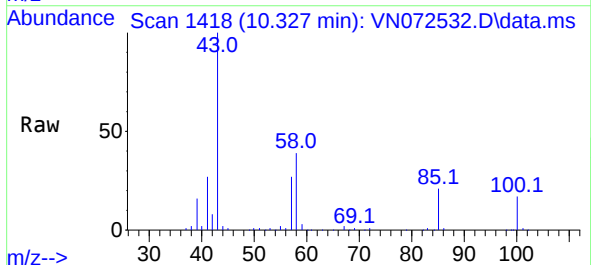
Manual Integrations
APPROVED

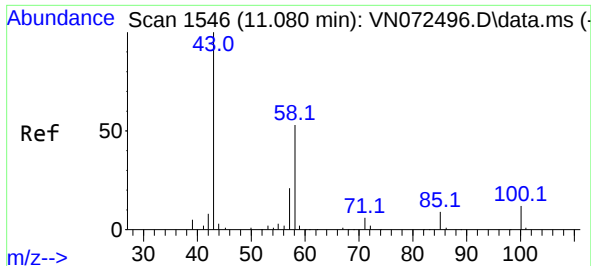
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#58
4-Methyl-2-Pentanone
Concen: 87.640 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

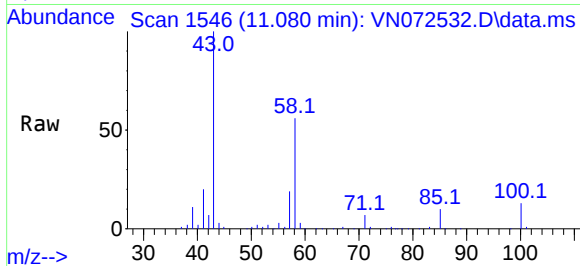
Tgt Ion: 43 Resp: 292267
Ion Ratio Lower Upper
43 100
58 39.5 30.0 45.0
85 20.1 15.0 22.6





#59
2-Hexanone
Concen: 82.857 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

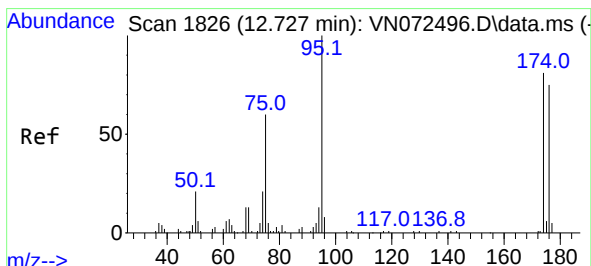
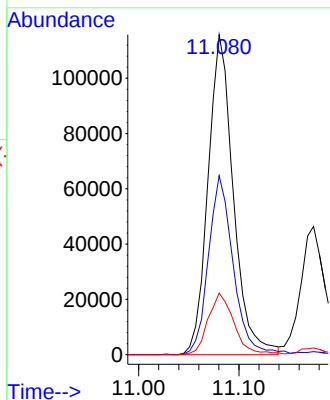
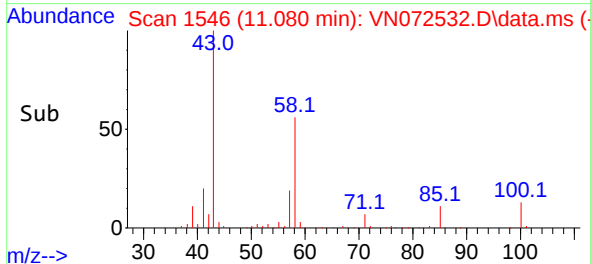
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion: 43 Resp: 202989
Ion Ratio Lower Upper
43 100
58 54.7 42.2 63.2
57 19.7 15.0 22.4

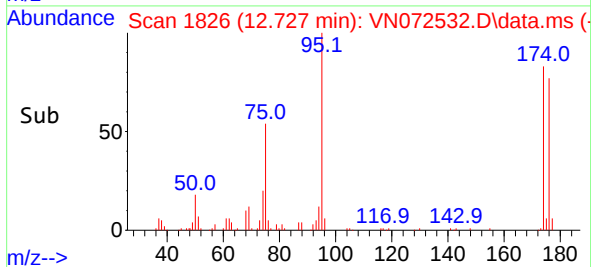
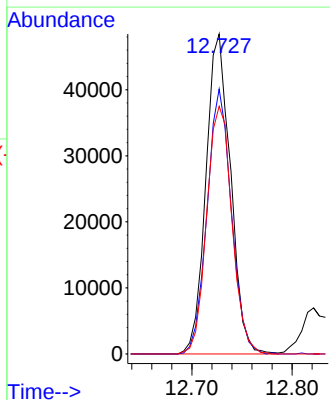
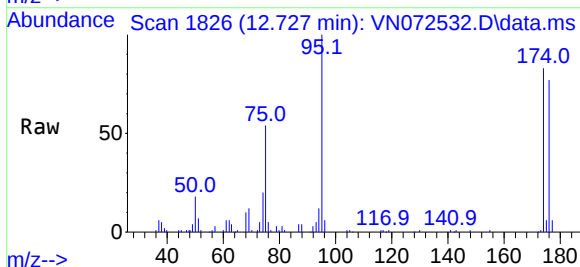
Manual Integrations
APPROVED

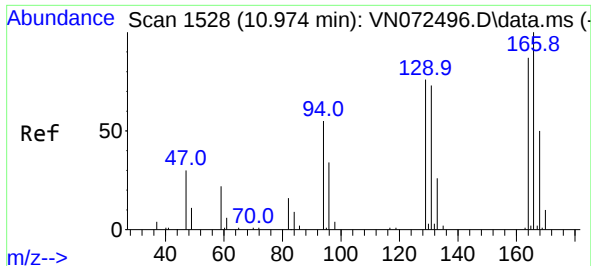
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#60
4-Bromofluorobenzene
Concen: 29.833 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

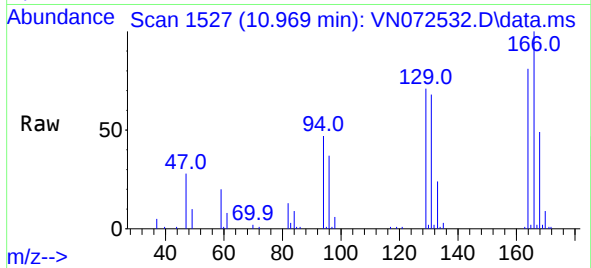
Tgt Ion: 95 Resp: 82440
Ion Ratio Lower Upper
95 100
174 81.6 62.9 94.3
176 79.4 61.0 91.4





#61
Tetrachloroethene
Concen: 21.494 ug/l
RT: 10.969 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

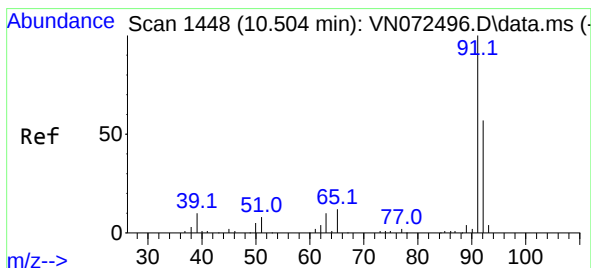
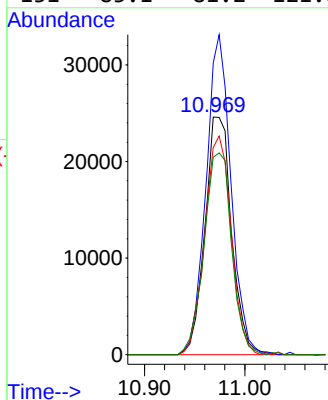
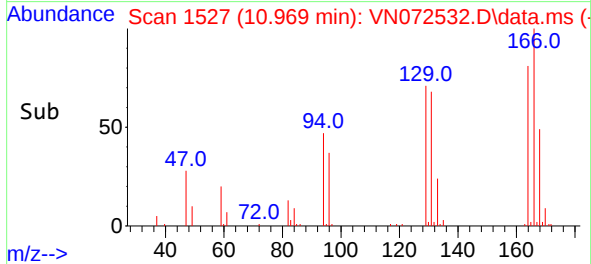
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



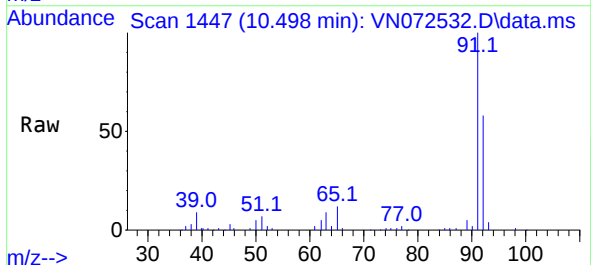
Tgt Ion:164 Resp: 4555
Ion Ratio Lower Upper
164 100
166 122.8 105.8 158.8
129 87.2 82.5 123.7
131 83.1 81.2 121.8

Manual Integrations
APPROVED

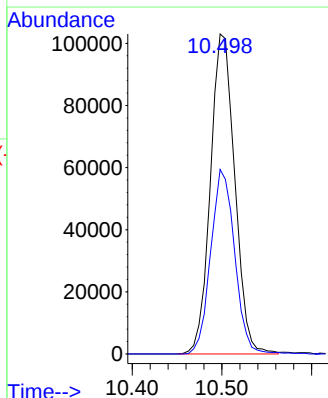
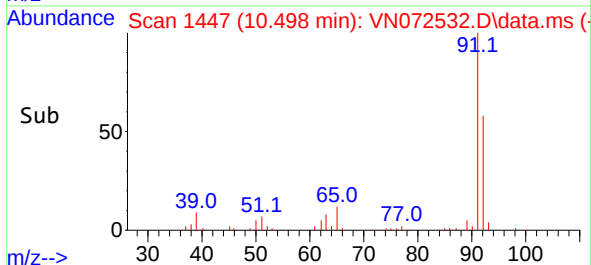
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

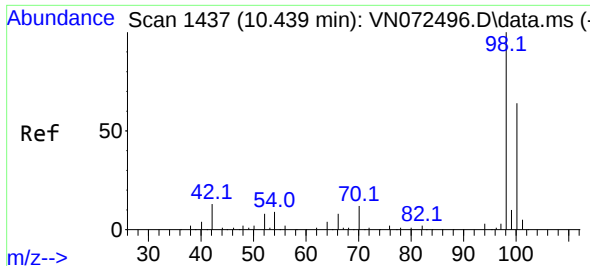


#62
Toluene
Concen: 20.319 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13



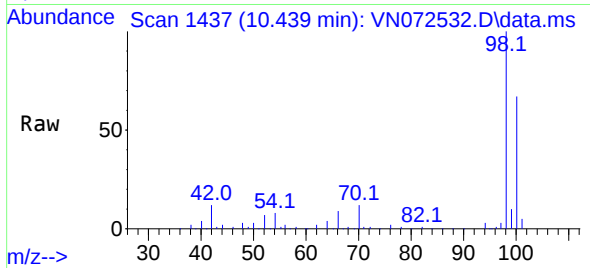
Tgt Ion: 91 Resp: 194273
Ion Ratio Lower Upper
91 100
92 56.6 44.6 67.0





#63
Toluene-d8
Concen: 30.790 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

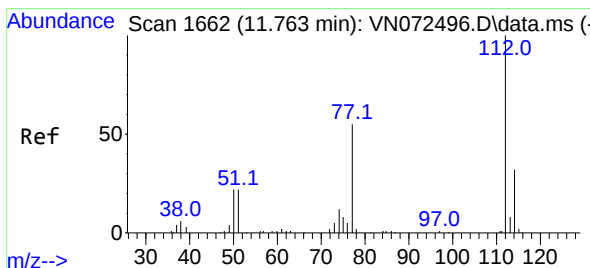
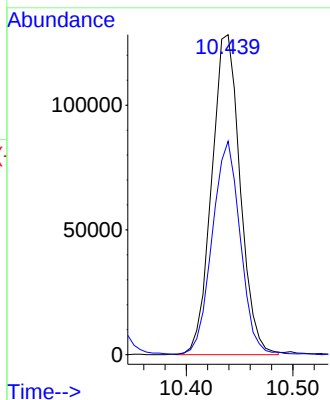
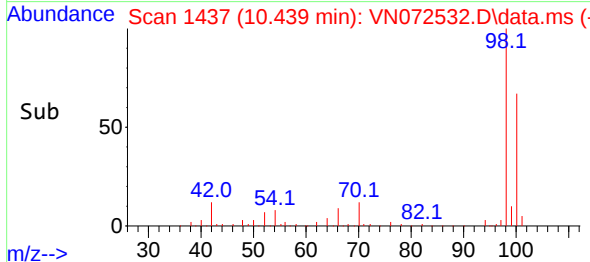
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



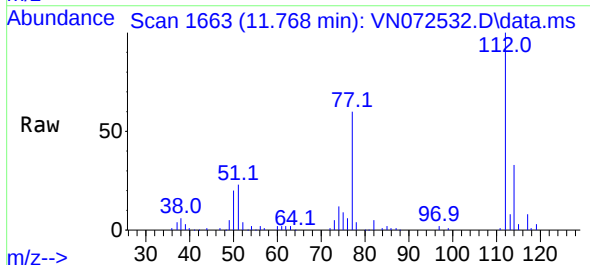
Tgt Ion: 98 Resp: 23787
Ion Ratio Lower Upper
98 100
100 66.0 50.6 76.0

Manual Integrations
APPROVED

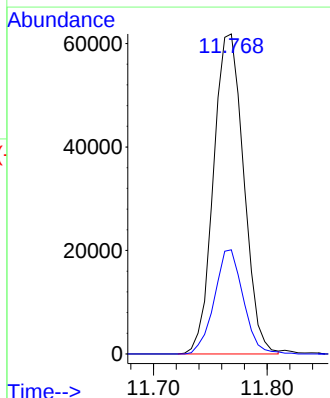
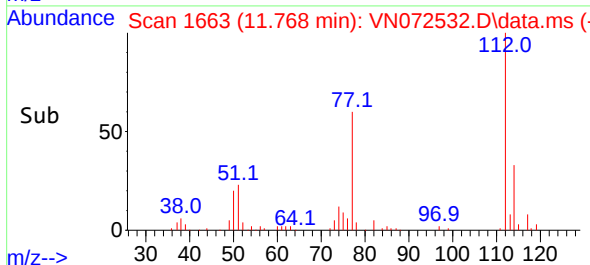
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

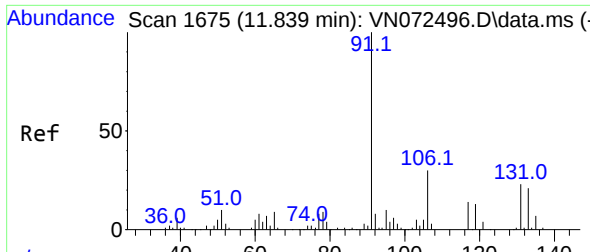


#64
Chlorobenzene
Concen: 19.167 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. 0.006 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13



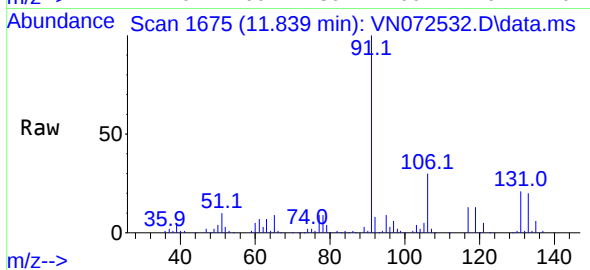
Tgt Ion:112 Resp: 114316
Ion Ratio Lower Upper
112 100
114 32.5 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 19.135 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

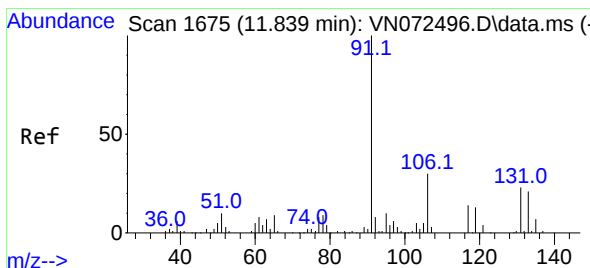
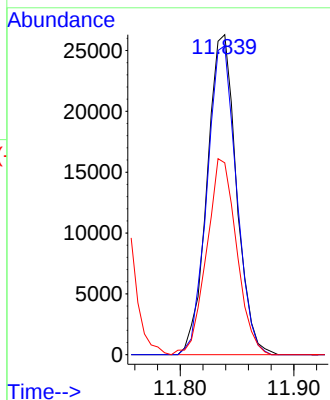
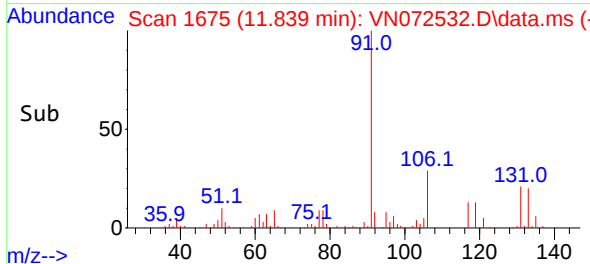
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



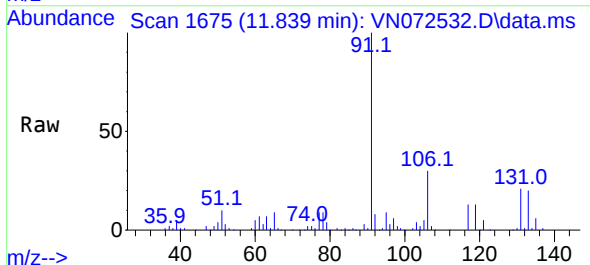
Tgt Ion:131 Resp: 47180
Ion Ratio Lower Upper
131 100
133 96.3 0.0 191.2
119 62.6 0.0 128.8

Manual Integrations
APPROVED

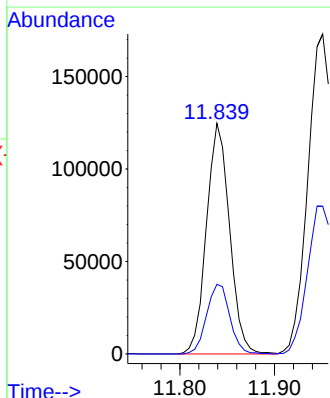
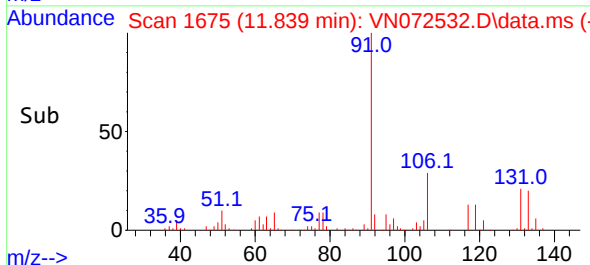
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

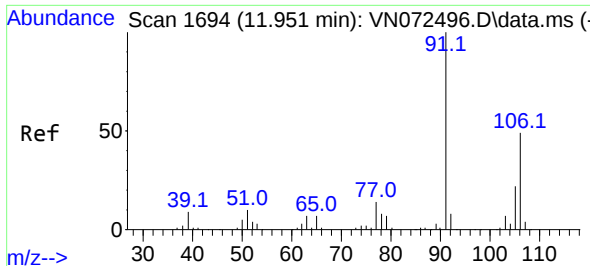


#66
Ethyl Benzene
Concen: 19.693 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13



Tgt Ion: 91 Resp: 211780
Ion Ratio Lower Upper
91 100
106 30.2 24.0 36.0





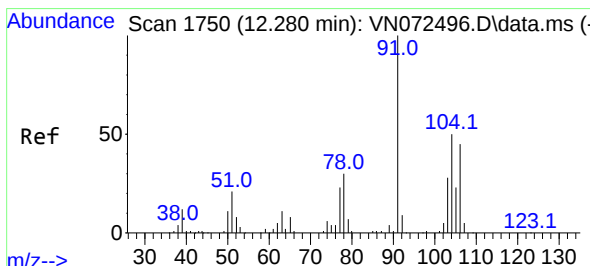
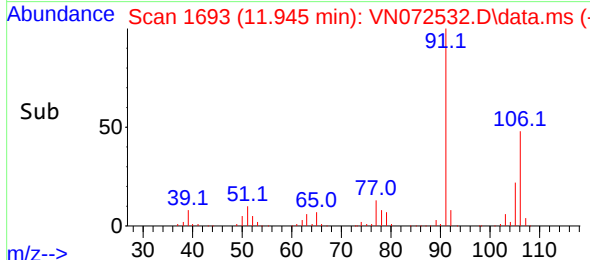
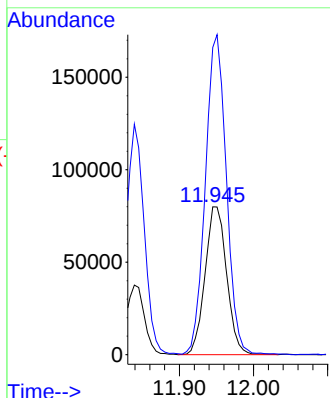
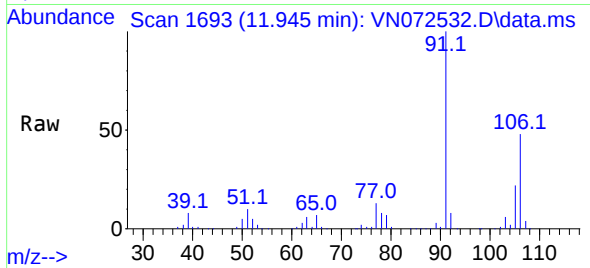
#67
m/p-Xylenes
Concen: 39.734 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01

Tgt Ion:106 Resp: 162009
Ion Ratio Lower Upper
106 100
91 209.5 162.9 244.3

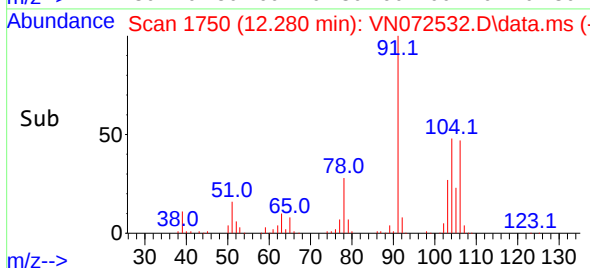
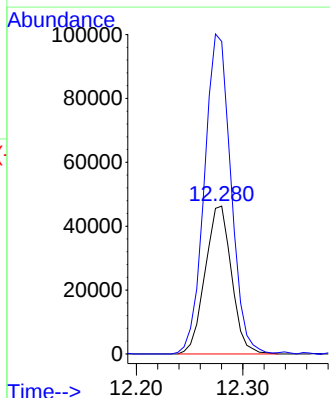
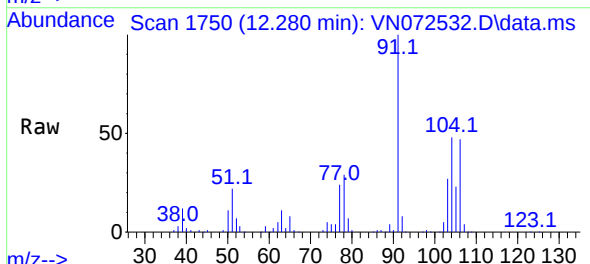
Manual Integrations
APPROVED

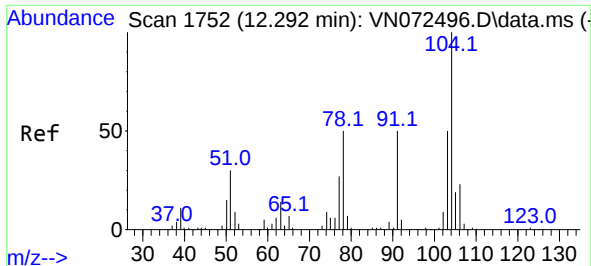
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#68
o-Xylene
Concen: 19.797 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

Tgt Ion:106 Resp: 79789
Ion Ratio Lower Upper
106 100
91 217.5 107.7 323.1





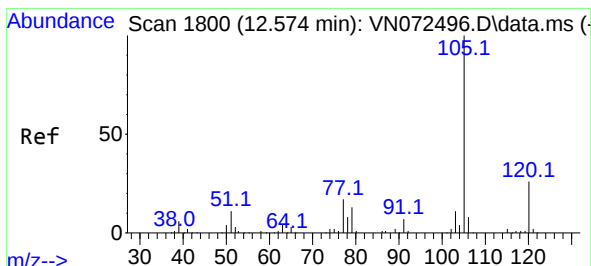
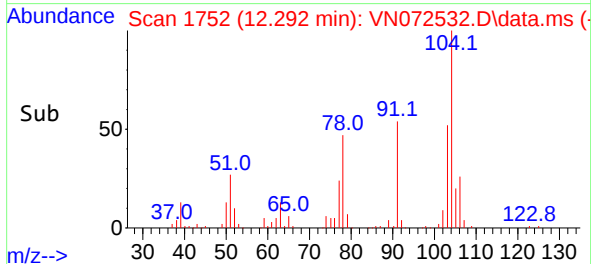
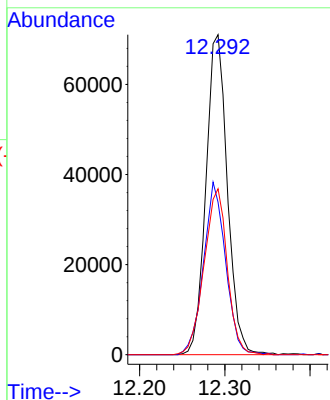
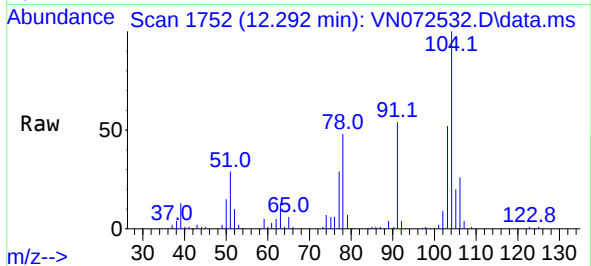
#69
Styrene
Concen: 19.330 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01

Tgt Ion:104 Resp: 124079
Ion Ratio Lower Upper
104 100
78 55.6 40.7 61.1
103 56.0 45.8 68.8

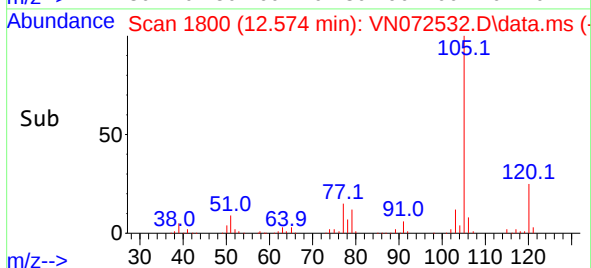
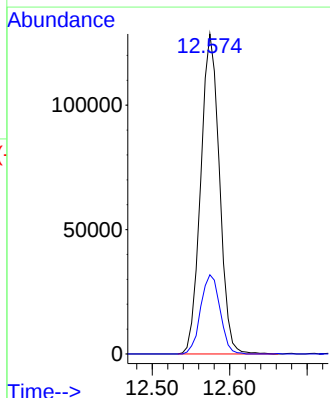
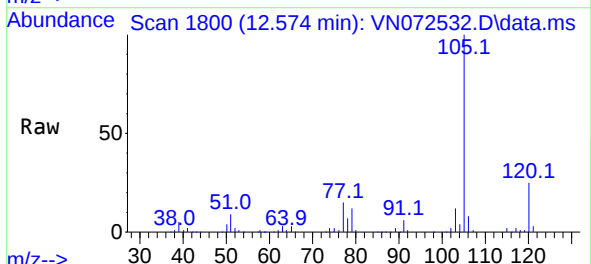
Manual Integrations
APPROVED

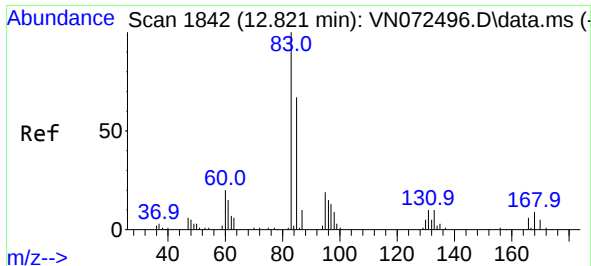
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#70
Isopropylbenzene
Concen: 20.154 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

Tgt Ion:105 Resp: 215544
Ion Ratio Lower Upper
105 100
120 25.6 18.3 34.1





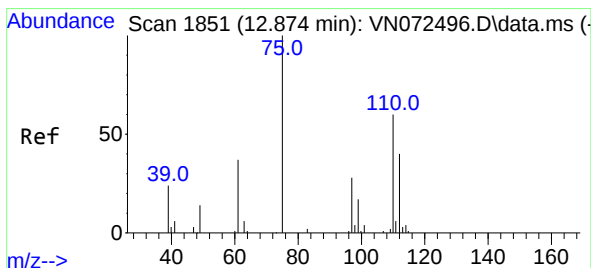
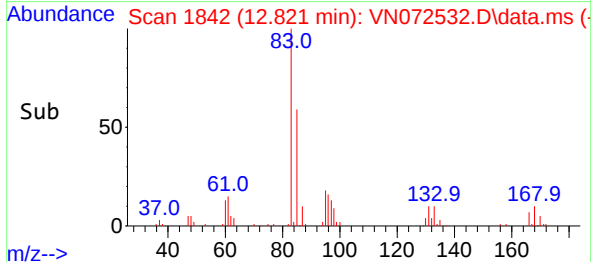
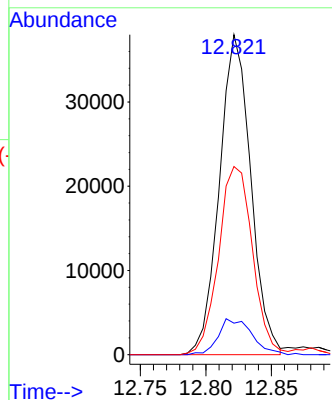
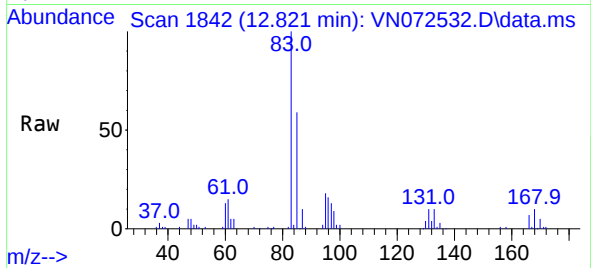
#71
1,1,2,2-Tetrachloroethane
Concen: 19.362 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01

Tgt Ion: 83 Resp: 63230
Ion Ratio Lower Upper
83 100
131 12.0 5.1 15.3
85 63.5 33.1 99.2

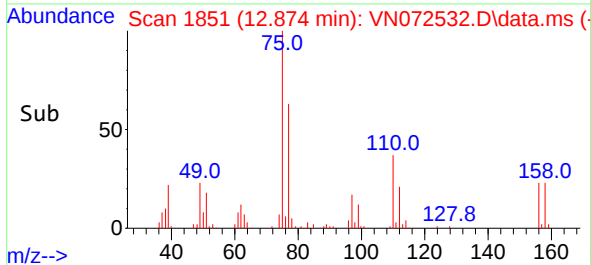
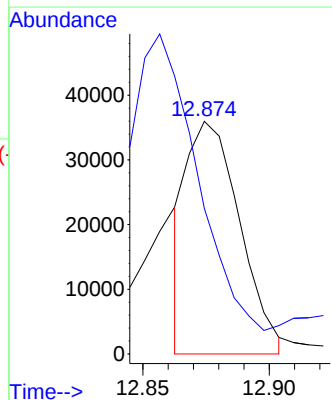
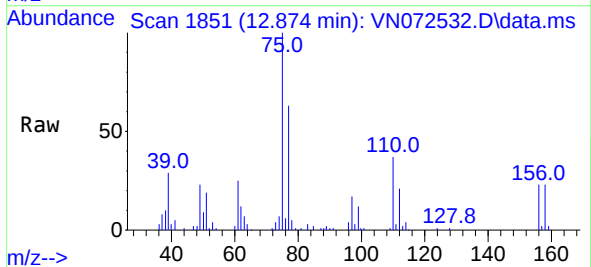
Manual Integrations
APPROVED

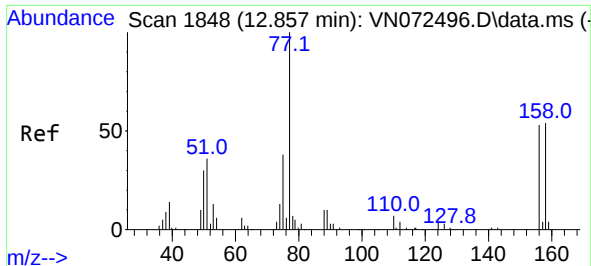
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#72
1,2,3-Trichloropropane
Concen: 17.084 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

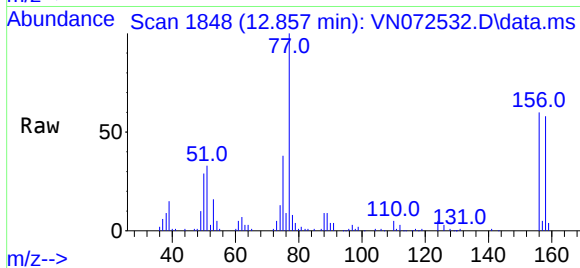
Tgt Ion: 75 Resp: 52330
Ion Ratio Lower Upper
75 100
77 193.7 0.0 378.0





#73
Bromobenzene
Concen: 19.615 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

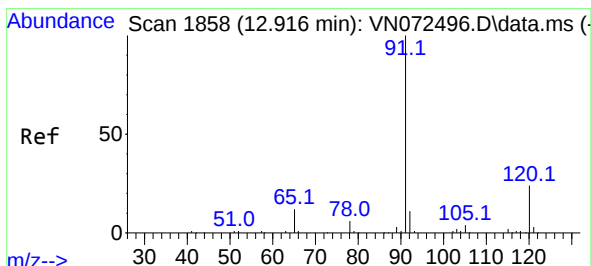
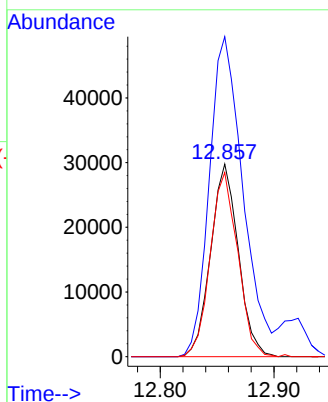
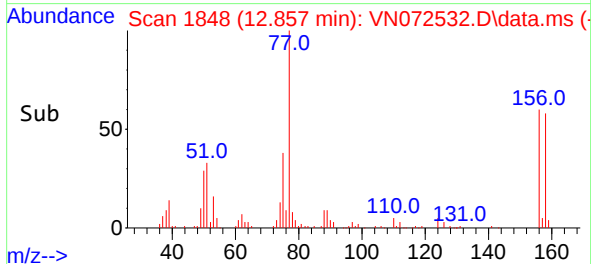
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



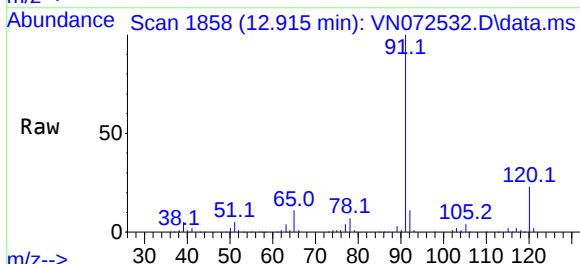
Tgt Ion:156 Resp: 50485
Ion Ratio Lower Upper
156 100
77 200.8 0.0 416.0
158 94.9 0.0 195.4

Manual Integrations
APPROVED

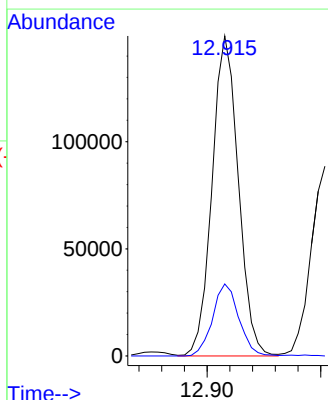
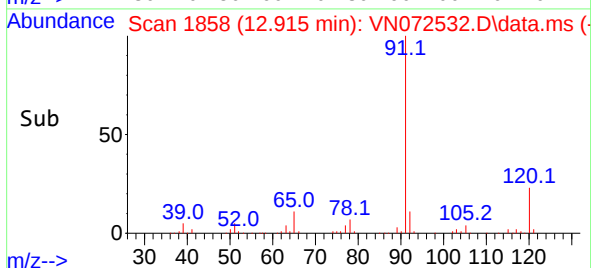
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

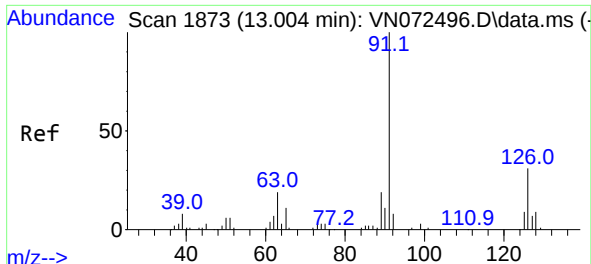


#74
n-propylbenzene
Concen: 20.493 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13



Tgt Ion: 91 Resp: 239927
Ion Ratio Lower Upper
91 100
120 22.4 0.0 45.0





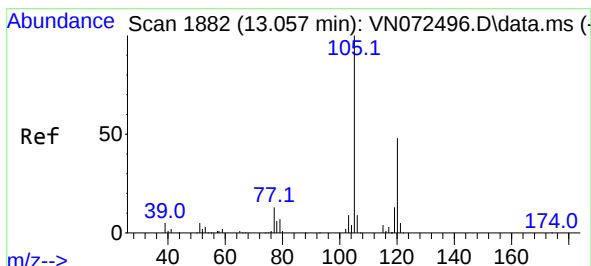
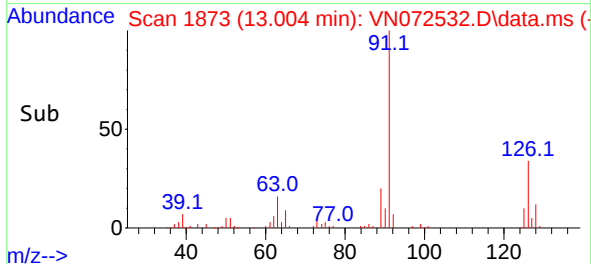
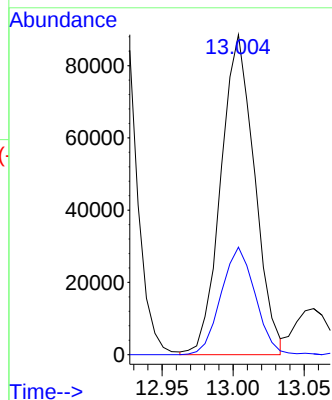
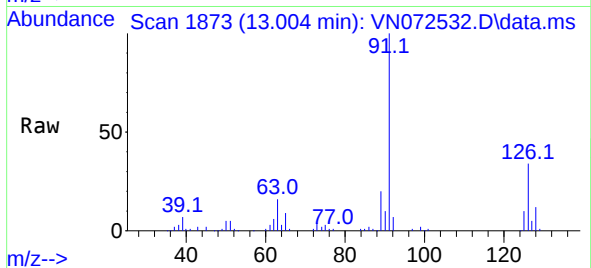
#75
2-Chlorotoluene
Concen: 19.349 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01

Tgt Ion: 91 Resp: 146364
Ion Ratio Lower Upper
91 100
126 33.9 0.0 69.8

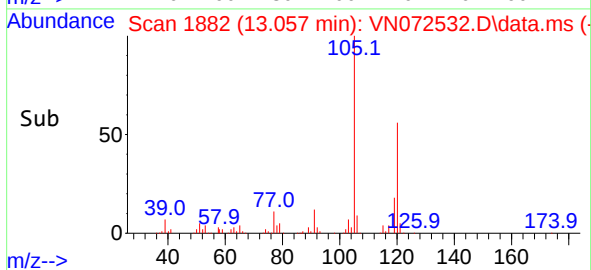
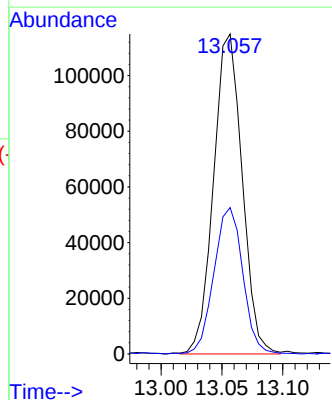
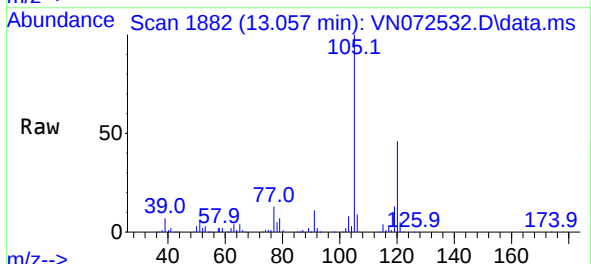
Manual Integrations
APPROVED

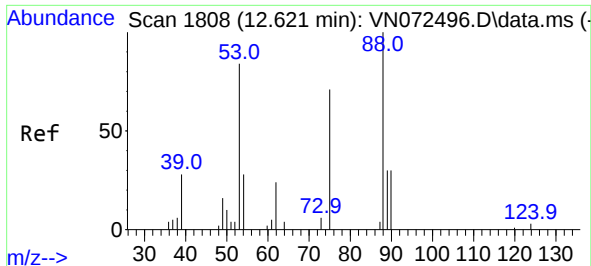
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#76
1,3,5-Trimethylbenzene
Concen: 20.544 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

Tgt Ion:105 Resp: 187919
Ion Ratio Lower Upper
105 100
120 46.2 0.0 93.8





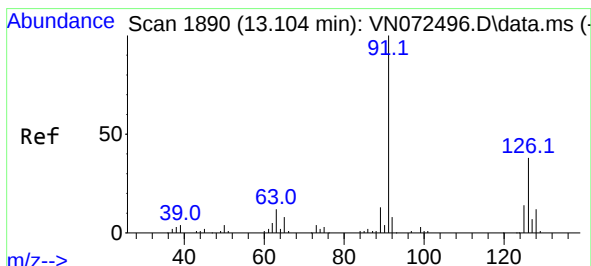
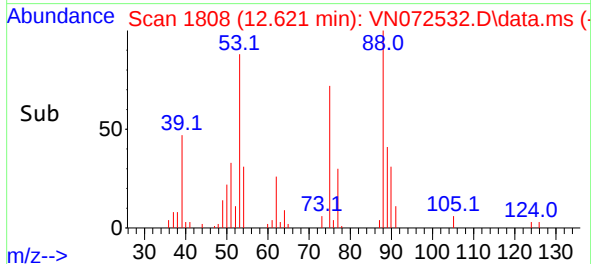
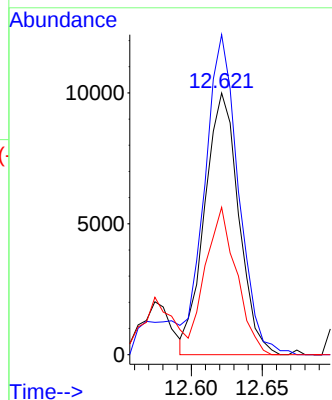
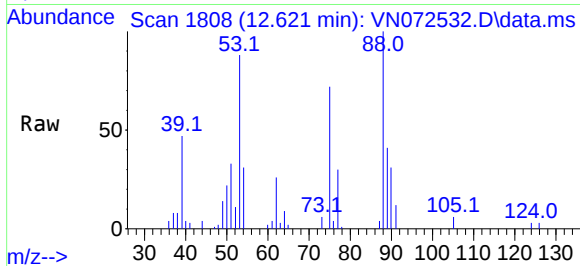
#77
t-1,4-Dichloro-2-butene
Concen: 16.475 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01

Tgt Ion: 75 Resp: 16674
Ion Ratio Lower Upper
75 100
53 120.8 51.8 155.5
89 56.3 22.9 68.7

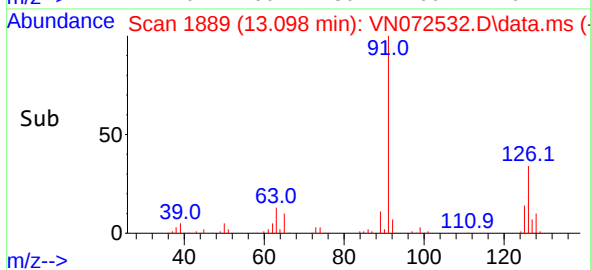
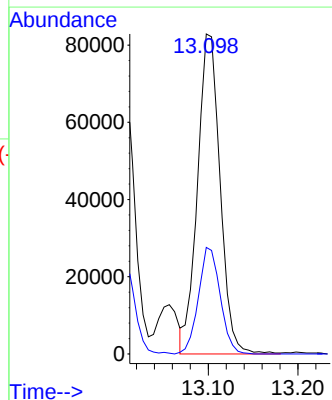
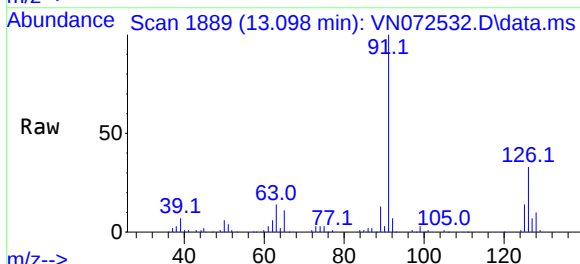
Manual Integrations
APPROVED

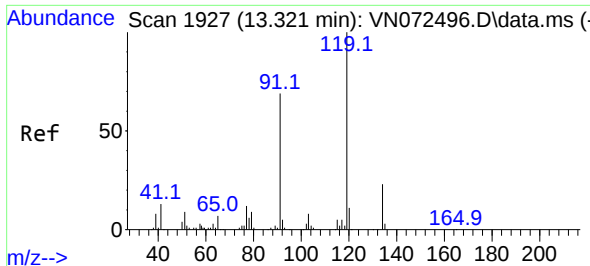
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#78
4-Chlorotoluene
Concen: 20.460 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

Tgt Ion: 91 Resp: 145062
Ion Ratio Lower Upper
91 100
126 32.0 0.0 70.6





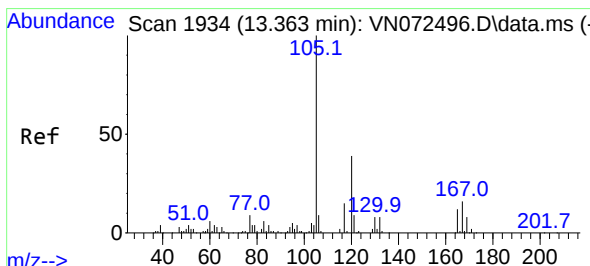
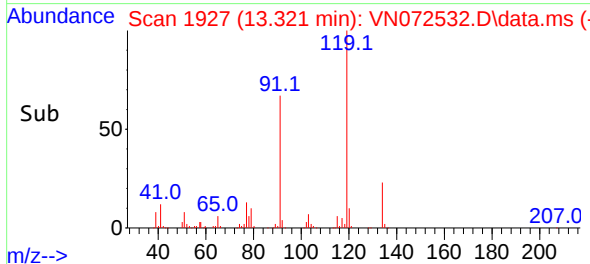
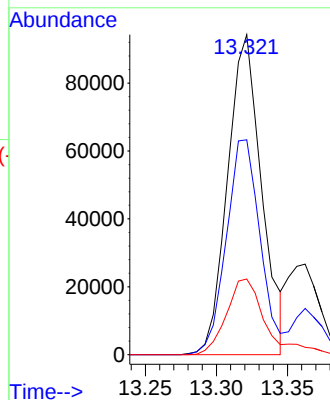
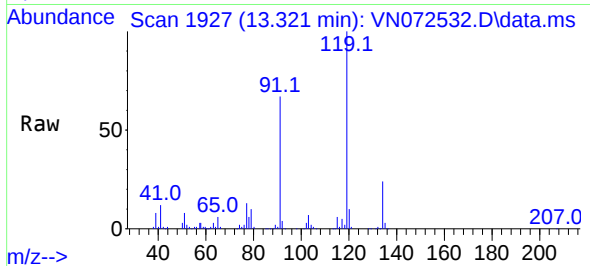
#79
tert-butylbenzene
Concen: 19.534 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01

Tgt Ion:119 Resp: 156988
Ion Ratio Lower Upper
119 100
91 66.7 0.0 137.0
134 24.5 0.0 47.6

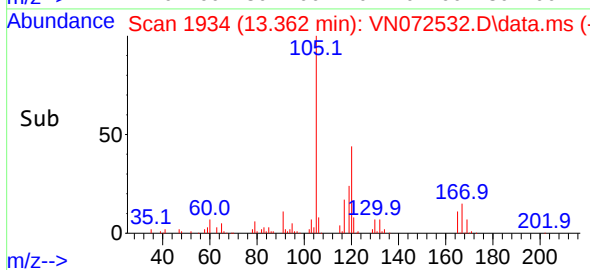
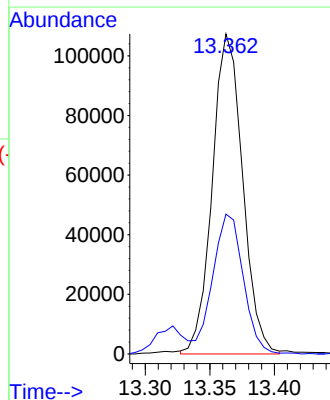
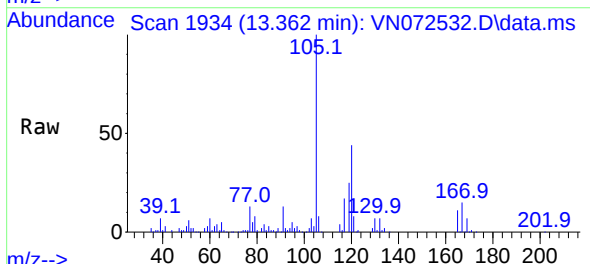
Manual Integrations
APPROVED

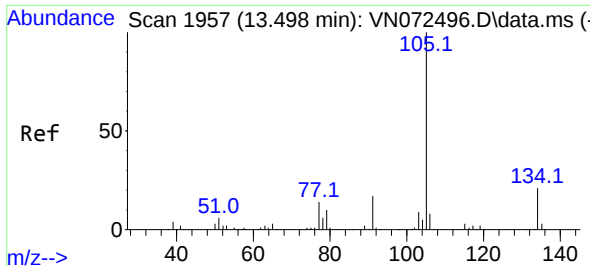
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#80
1,2,4-Trimethylbenzene
Concen: 19.907 ug/l m
RT: 13.362 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

Tgt Ion:105 Resp: 175472
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 20.507 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072532.D
 Acq: 17 May 2022 16:13

Instrument :

MSVOA_N

ClientSampleId :

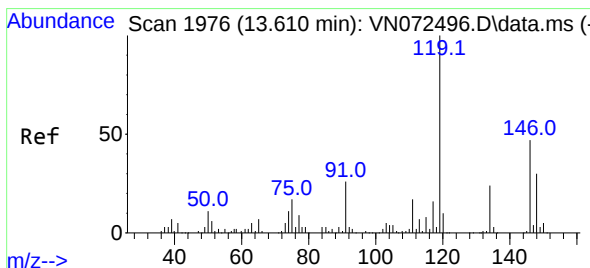
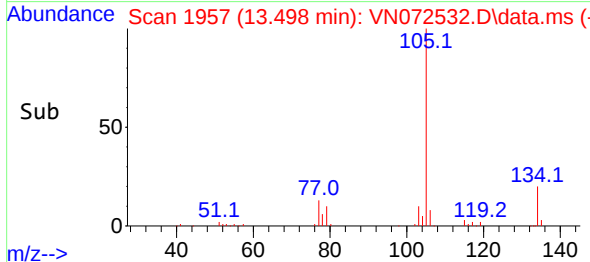
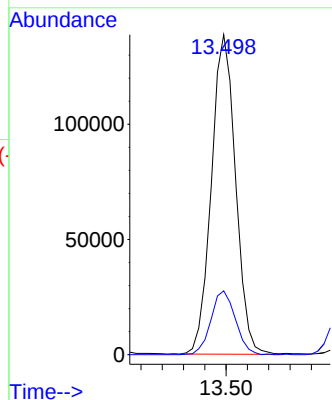
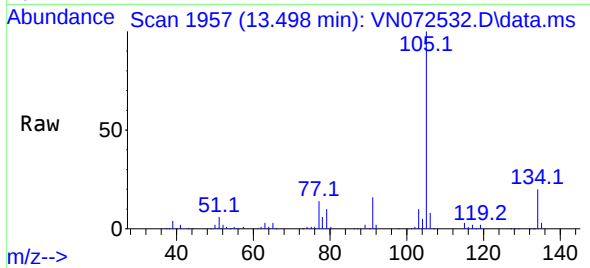
VN0517WBSD01

Tgt Ion:105 Resp: 21850
 Ion Ratio Lower Upper
 105 100
 134 20.2 0.0 39.4

Manual Integrations

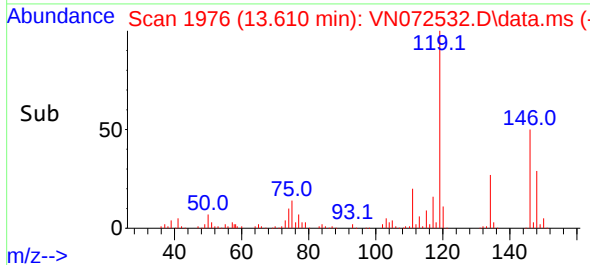
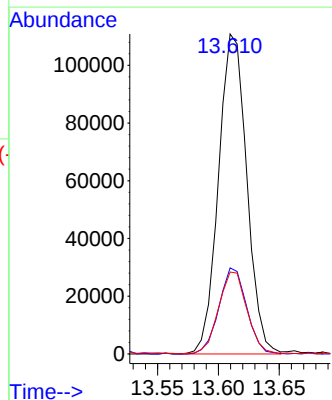
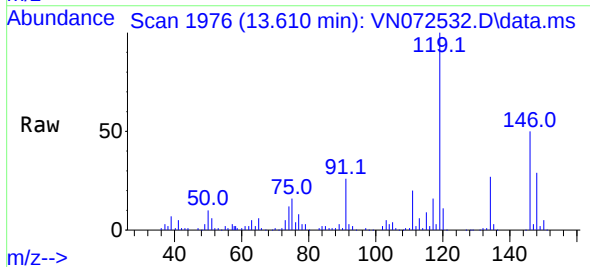
APPROVED

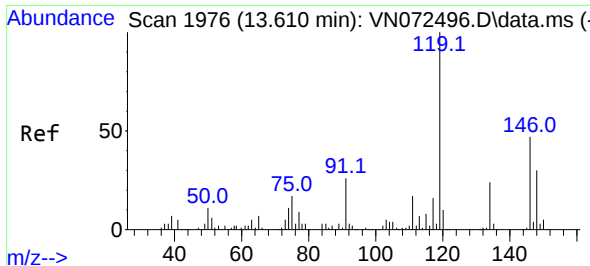
Reviewed By :John Carlone 05/18/2022
 Supervised By :Mahesh Dadoda 05/18/2022



#82
 p-Isopropyltoluene
 Concen: 20.308 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072532.D
 Acq: 17 May 2022 16:13

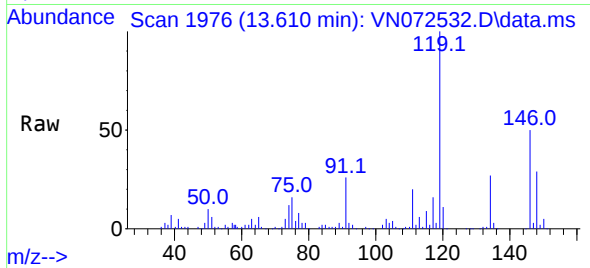
Tgt Ion:119 Resp: 179087
 Ion Ratio Lower Upper
 119 100
 134 26.3 0.0 51.8
 91 25.8 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 20.454 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

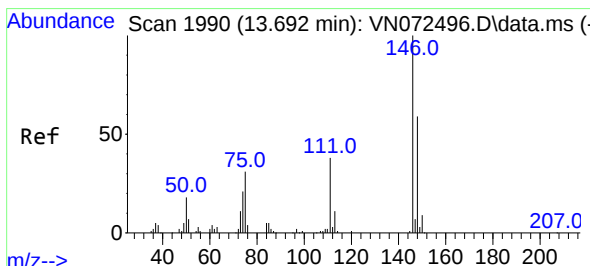
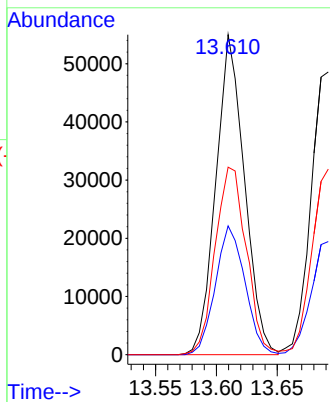
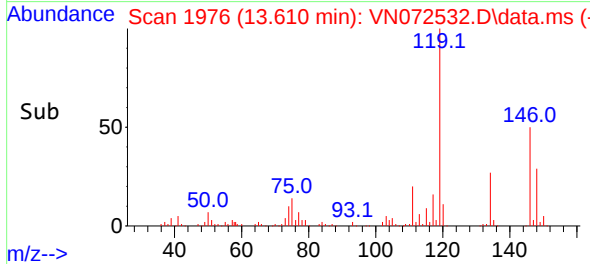
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



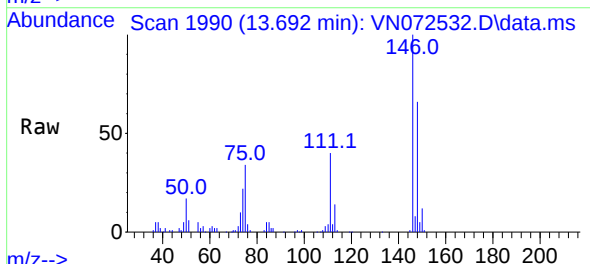
Tgt Ion:146 Resp: 89870
Ion Ratio Lower Upper
146 100
111 41.6 20.8 62.2
148 63.8 31.4 94.3

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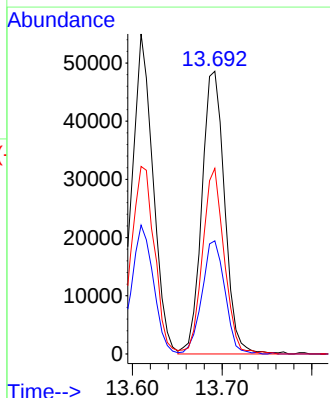
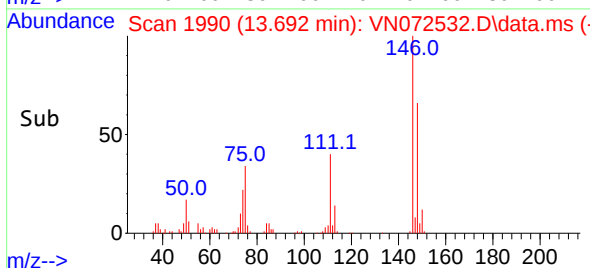
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

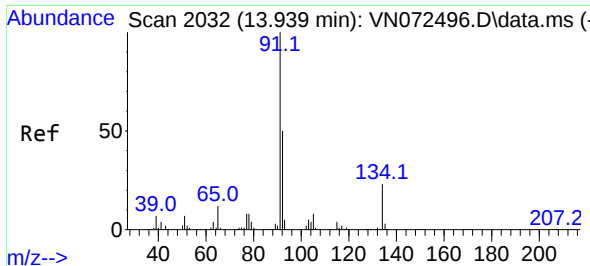


#84
1,4-Dichlorobenzene
Concen: 20.024 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13



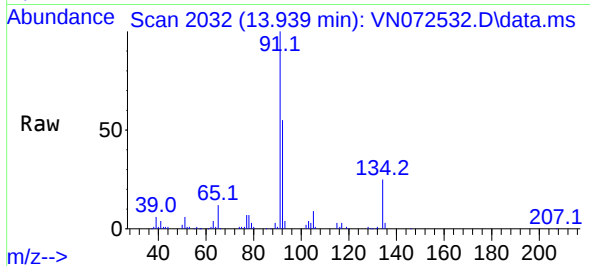
Tgt Ion:146 Resp: 85614
Ion Ratio Lower Upper
146 100
111 40.3 19.5 58.5
148 60.8 31.1 93.5





#85
n-Butylbenzene
Concen: 20.111 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

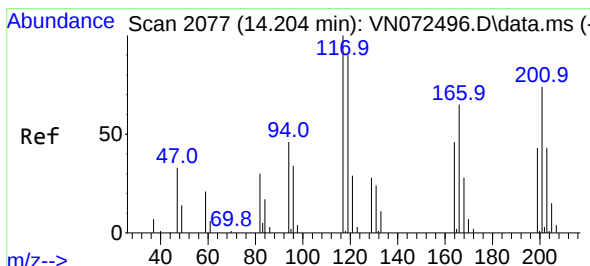
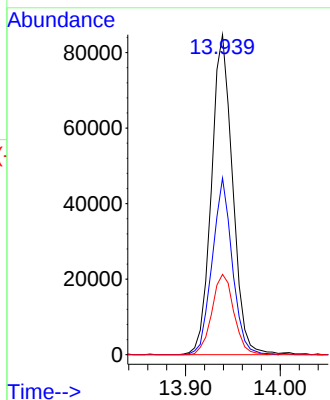
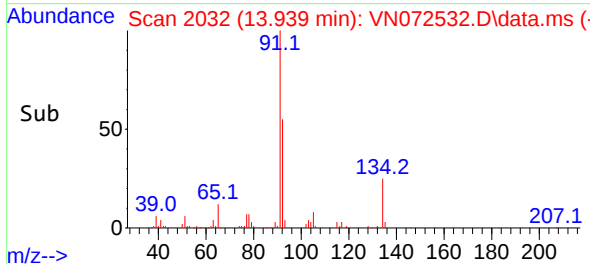
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



Tgt Ion: 91 Resp: 131424
Ion Ratio Lower Upper
91 100
92 52.4 0.0 100.6
134 26.1 0.0 50.2

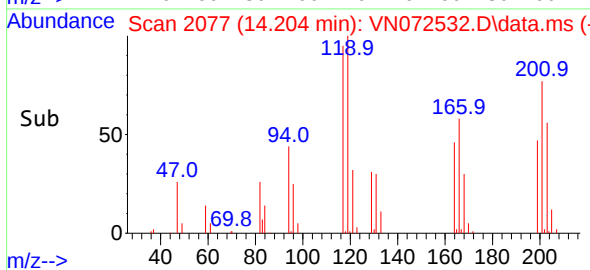
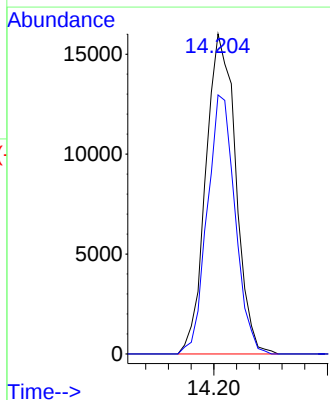
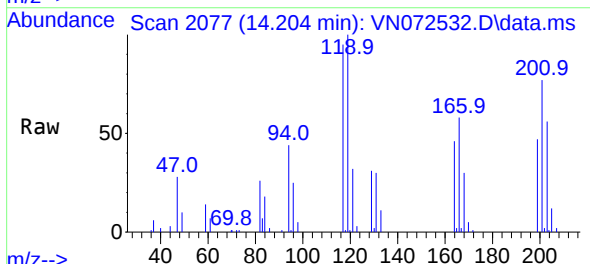
Manual Integrations
APPROVED

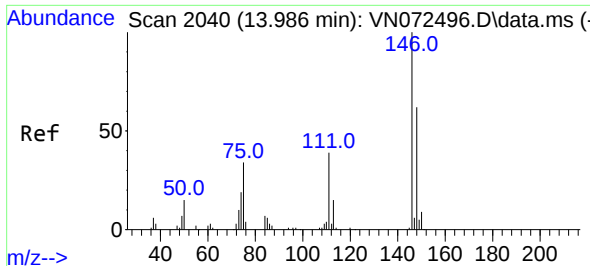
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#86
Hexachloroethane
Concen: 18.052 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

Tgt Ion:117 Resp: 29313
Ion Ratio Lower Upper
117 100
201 75.3 33.3 99.8





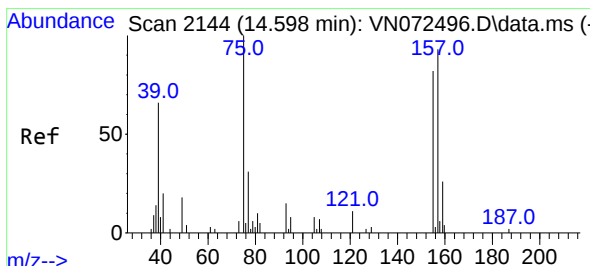
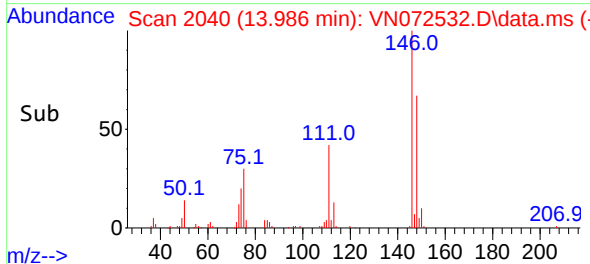
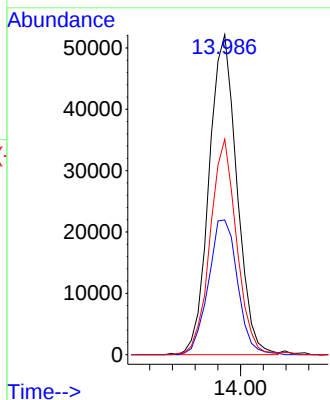
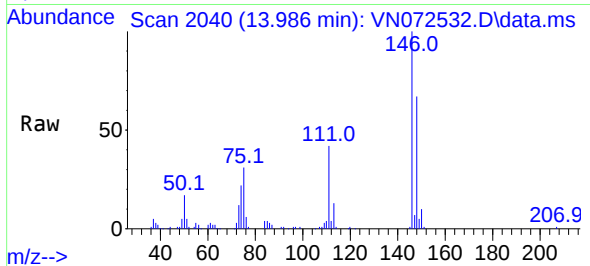
#87
1,2-Dichlorobenzene
Concen: 20.641 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01

Tgt Ion:146 Resp: 8866
Ion Ratio Lower Upper
146 100
111 44.2 21.4 64.2
148 64.1 32.5 97.4

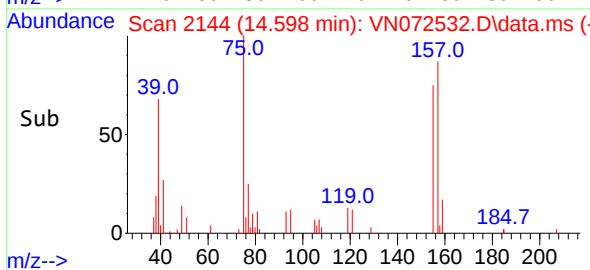
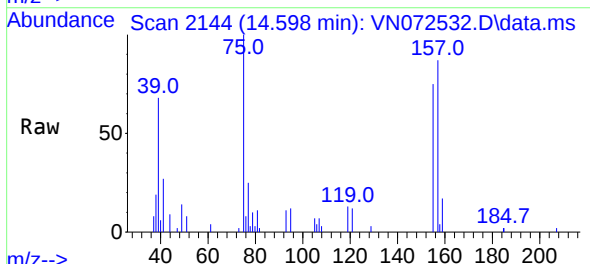
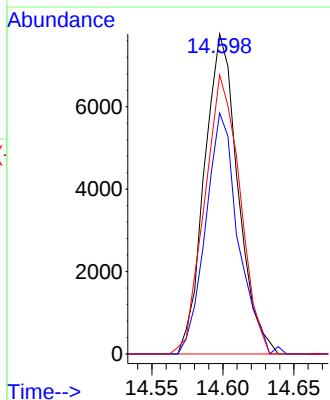
Manual Integrations
APPROVED

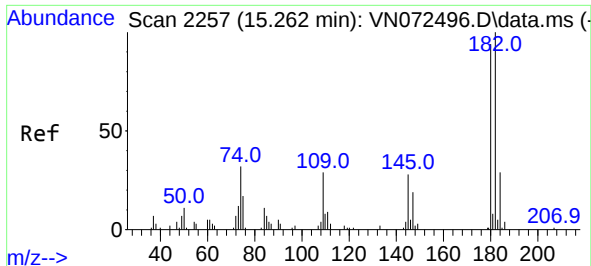
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 16.568 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

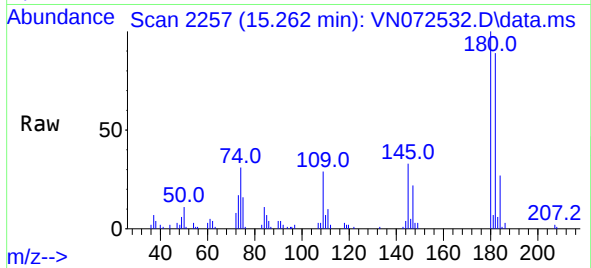
Tgt Ion: 75 Resp: 12737
Ion Ratio Lower Upper
75 100
155 72.7 63.8 95.8
157 91.9 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 19.263 ug/l
RT: 15.262 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

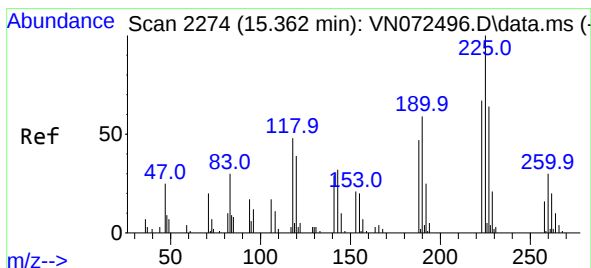
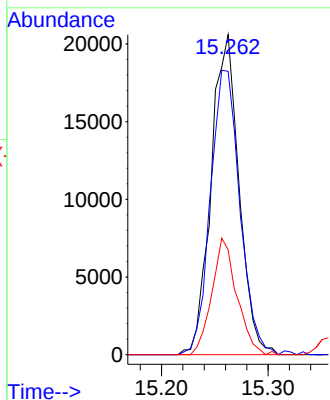
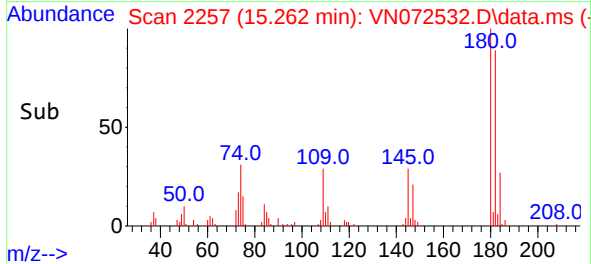
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



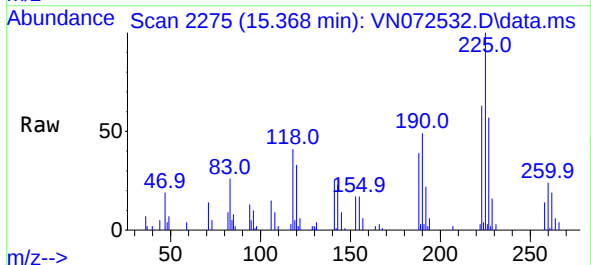
Tgt Ion:180 Resp: 37450
Ion Ratio Lower Upper
180 100
182 93.7 77.7 116.5
145 32.5 26.6 39.8

Manual Integrations
APPROVED

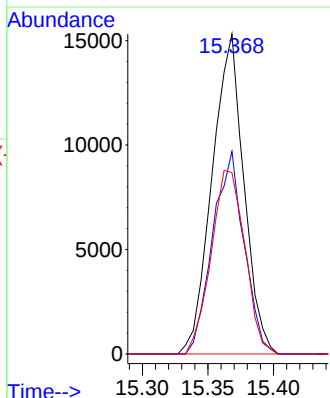
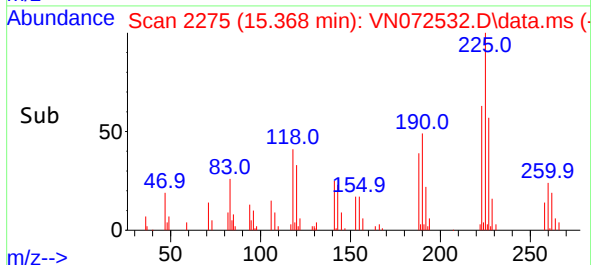
Reviewed By :John Carlone 05/18/2022
Supervised By :Mahesh Dadoda 05/18/2022

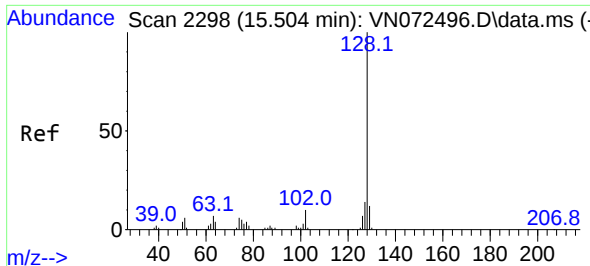


#90
Hexachlorobutadiene
Concen: 21.444 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13



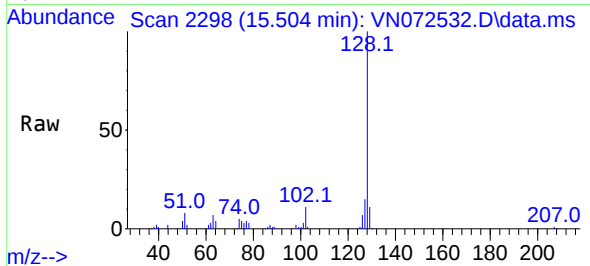
Tgt Ion:225 Resp: 25770
Ion Ratio Lower Upper
225 100
223 62.7 0.0 126.8
227 61.1 0.0 123.0





#91
Naphthalene
Concen: 19.327 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13

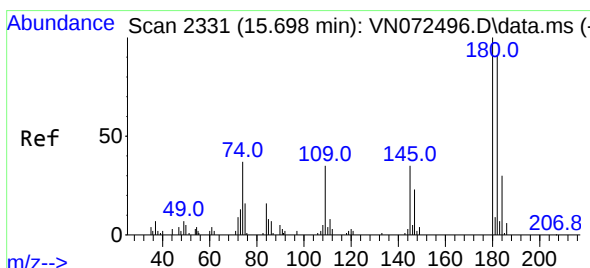
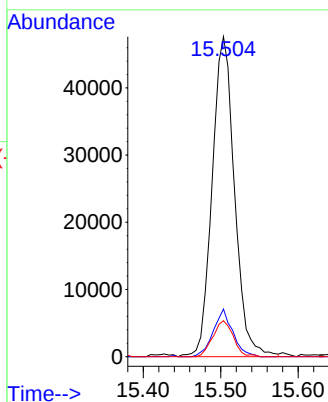
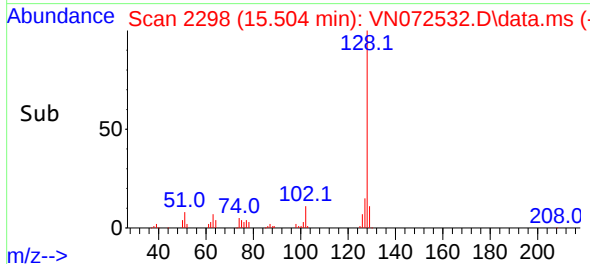
Instrument :
MSVOA_N
ClientSampleId :
VN0517WBSD01



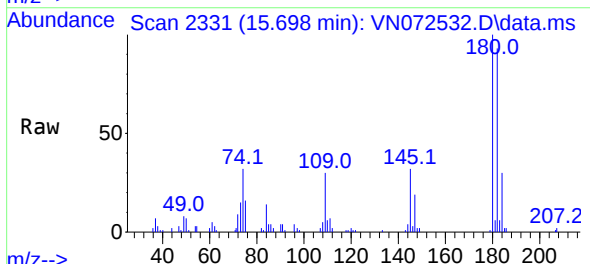
Tgt Ion:128 Resp: 9565
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.1 9.0 13.6

Manual Integrations
APPROVED

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



#92
1,2,3-Trichlorobenzene
Concen: 19.105 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN072532.D
Acq: 17 May 2022 16:13



Tgt Ion:180 Resp: 37815
Ion Ratio Lower Upper
180 100
182 96.9 0.0 190.0
145 31.8 0.0 67.8

