

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042222\
 Data File : VN072150.D
 Acq On : 22 Apr 2022 12:23
 Operator : JC\MD
 Sample : VN0422WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/25/2022
 Supervised By : Mahesh Dadoda 04/25/2022

Quant Time: Apr 23 03:14:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	467504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	736698	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	677349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	267902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	261734	49.040	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.080%		
35) Dibromofluoromethane	8.016	113	232702	53.679	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	107.360%		
50) Toluene-d8	10.439	98	868244	48.960	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.920%		
62) 4-Bromofluorobenzene	12.727	95	284071	49.530	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	99.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	73263	19.712	ug/l	97
3) Chloromethane	2.299	50	80396	17.070	ug/l	95
4) Vinyl Chloride	2.446	62	78877	15.251	ug/l	96
5) Bromomethane	2.846	94	64185	19.090	ug/l	94
6) Chloroethane	3.010	64	51596	13.867	ug/l	96
7) Trichlorofluoromethane	3.375	101	115449	17.545	ug/l	98
8) Diethyl Ether	3.828	74	54018	19.424	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.210	101	71532	17.640	ug/l	96
10) Methyl Iodide	4.422	142	104426	18.422	ug/l	100
11) Tert butyl alcohol	5.357	59	83369	96.255	ug/l	97
12) 1,1-Dichloroethene	4.181	96	68244	17.685	ug/l	92
13) Acrolein	4.045	56	23591	22.339	ug/l	92
14) Allyl chloride	4.840	41	102891	16.428	ug/l	93
15) Acrylonitrile	5.551	53	252075	100.128	ug/l	99
16) Acetone	4.287	43	181071	79.386	ug/l	90
17) Carbon Disulfide	4.534	76	159336	17.996	ug/l	100
18) Methyl Acetate	4.851	43	107631	18.090	ug/l	97
19) Methyl tert-butyl Ether	5.616	73	274534	19.150	ug/l	96
20) Methylene Chloride	5.098	84	93452	19.439	ug/l	91
21) trans-1,2-Dichloroethene	5.598	96	77439	18.281	ug/l	92
22) Diisopropyl ether	6.492	45	250569	18.377	ug/l	95
23) Vinyl Acetate	6.428	43	1025392	94.570	ug/l	98
24) 1,1-Dichloroethane	6.381	63	147628	18.443	ug/l	96
25) 2-Butanone	7.333	43	298083	90.653	ug/l	94
26) 2,2-Dichloropropane	7.322	77	117919	17.149	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	98450	18.952	ug/l	95
28) Bromochloromethane	7.657	49	54087	16.751	ug/l	92
29) Tetrahydrofuran	7.681	42	198513	93.236	ug/l	92
30) Chloroform	7.816	83	160397	18.978	ug/l	97
31) Cyclohexane	8.092	56	118162	16.280	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	127256	17.600	ug/l	96
36) 1,1-Dichloropropene	8.222	75	104669	17.290	ug/l	98
37) Ethyl Acetate	7.410	43	122357	18.466	ug/l	97
38) Carbon Tetrachloride	8.204	117	107881	18.183	ug/l	99
39) Methylcyclohexane	9.457	83	119575	16.593	ug/l	97
40) Benzene	8.457	78	363664	19.017	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	61556	18.973	ug/l	95
42) 1,2-Dichloroethane	8.528	62	119816	18.112	ug/l	97
43) Isopropyl Acetate	8.557	43	183641	16.663	ug/l	95
44) Trichloroethene	9.210	130	90614	18.392	ug/l	97
45) 1,2-Dichloropropane	9.486	63	92175	19.294	ug/l	97
46) Dibromomethane	9.575	93	64856	19.995	ug/l	95
47) Bromodichloromethane	9.757	83	126743	19.850	ug/l	97
48) Methyl methacrylate	9.557	41	84007	18.372	ug/l	90
49) 1,4-Dioxane	9.569	88	40486	364.447	ug/l	99
51) 4-Methyl-2-Pentanone	10.327	43	598813	94.502	ug/l	95
52) Toluene	10.498	92	234197	19.374	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	127633	19.073	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	142600	19.286	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	101119	20.325	ug/l	98
56) Ethyl methacrylate	10.757	69	140686	19.822	ug/l	92
57) 1,3-Dichloropropane	11.039	76	163156	19.614	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	151483	81.590	ug/l	97
59) 2-Hexanone	11.080	43	413566	92.702	ug/l	93
60) Dibromochloromethane	11.233	129	100614	20.741	ug/l	99
61) 1,2-Dibromoethane	11.339	107	101279	20.681	ug/l	99
64) Tetrachloroethene	10.974	164	80238	17.939	ug/l	97
65) Chlorobenzene	11.763	112	252383	18.608	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	93808	19.167	ug/l	98
67) Ethyl Benzene	11.839	91	409184	17.821	ug/l	99
68) m/p-Xylenes	11.951	106	323739	36.697	ug/l	99
69) o-Xylene	12.274	106	164720	18.812	ug/l	95
70) Styrene	12.292	104	256096	19.303	ug/l	97
71) Bromoform	12.451	173	77946	20.914	ug/l #	98
73) Isopropylbenzene	12.574	105	394068	17.456	ug/l	99
74) N-amyl acetate	12.386	43	108178	16.724	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.821	83	147040	19.521	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	122821m	19.790	ug/l	
77) Bromobenzene	12.857	156	105870	18.707	ug/l	94
78) n-propylbenzene	12.915	91	411921	17.346	ug/l	99
79) 2-Chlorotoluene	13.004	91	273372	17.950	ug/l	100
80) 1,3,5-Trimethylbenzene	13.057	105	330502	18.477	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	35629	17.791	ug/l	98
82) 4-Chlorotoluene	13.098	91	251557	17.820	ug/l	98
83) tert-Butylbenzene	13.321	119	289106	17.682	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	333110	19.087	ug/l	99
85) sec-Butylbenzene	13.498	105	366210	17.278	ug/l	99
86) p-Isopropyltoluene	13.610	119	301240	17.825	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	162305	18.002	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	158108	17.975	ug/l	98
89) n-Butylbenzene	13.939	91	195594	15.605	ug/l	99
90) Hexachloroethane	14.204	117	55839	18.050	ug/l	91
91) 1,2-Dichlorobenzene	13.980	146	165310	18.676	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	22151	18.959	ug/l	96
93) 1,2,4-Trichlorobenzene	15.256	180	65682	16.848	ug/l	99
94) Hexachlorobutadiene	15.362	225	44074	16.883	ug/l	98
95) Naphthalene	15.504	128	165612	16.346	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	66584	17.757	ug/l	99

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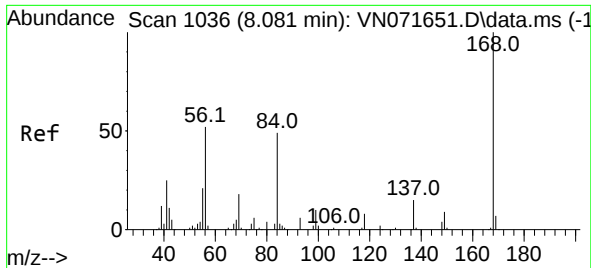
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 04/25/2022

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

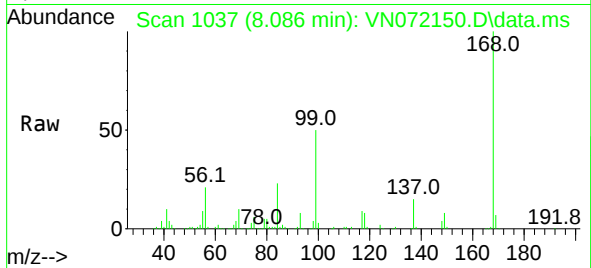
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 10
Delta R.T. 0.005 min
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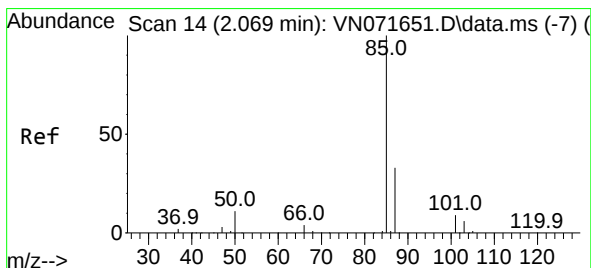
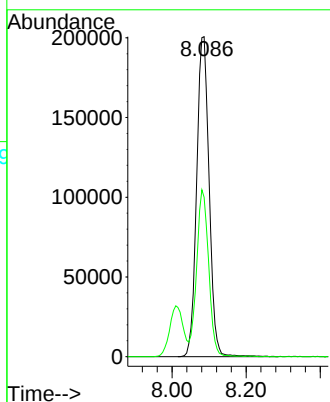
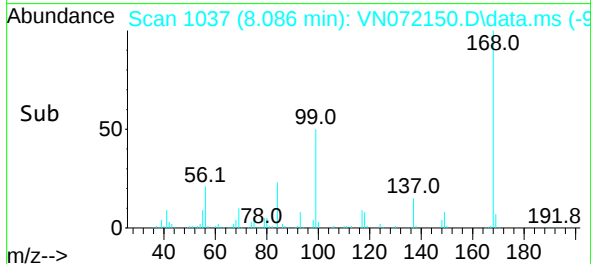
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01



Tgt Ion:168 Resp: 467504
Ion Ratio Lower Upper
168 100
99 49.8 42.3 63.5

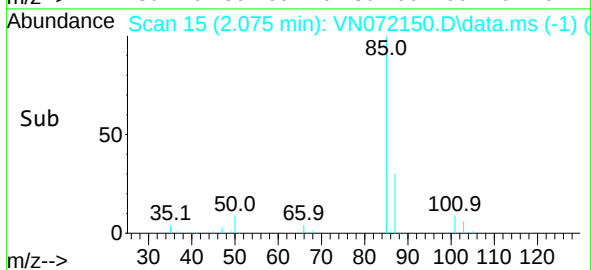
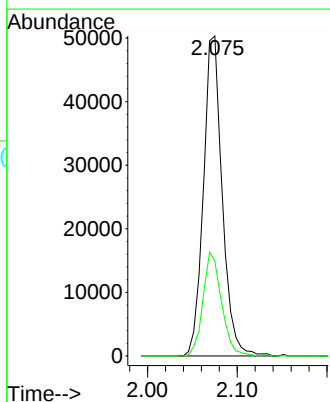
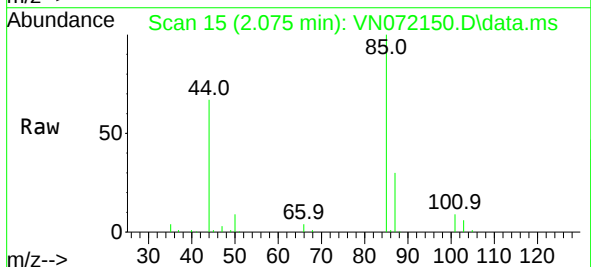
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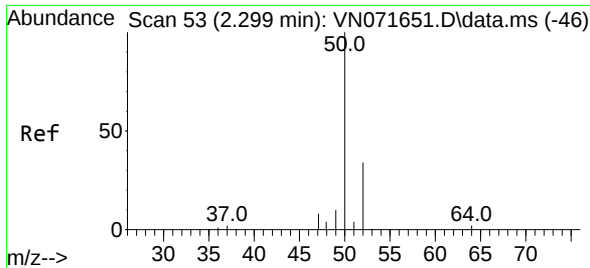
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#2
Dichlorodifluoromethane
Concen: 19.712 ug/l
RT: 2.075 min Scan# 15
Delta R.T. 0.006 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

Tgt Ion: 85 Resp: 73263
Ion Ratio Lower Upper
85 100
87 29.6 15.7 47.1





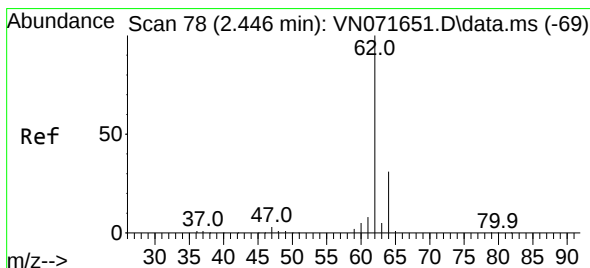
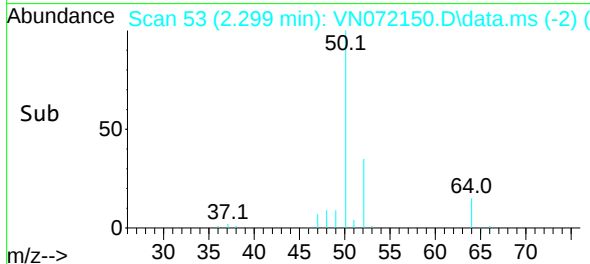
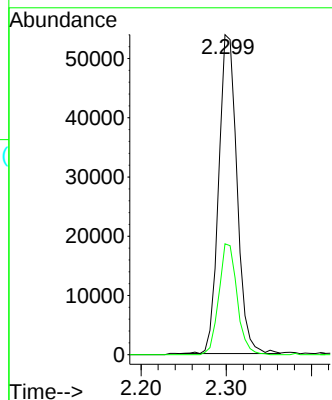
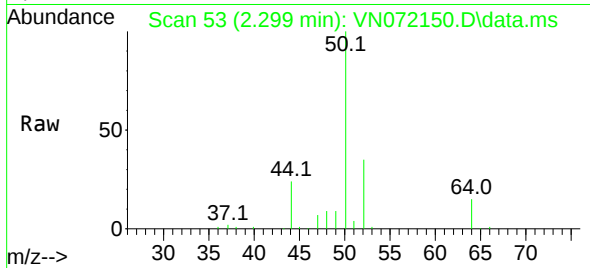
#3
Chloromethane
Concen: 17.070 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072150.D
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Instrument :
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Tgt Ion: 50 Resp: 80390
Ion Ratio Lower Upper
50 100
52 34.8 25.7 38.5

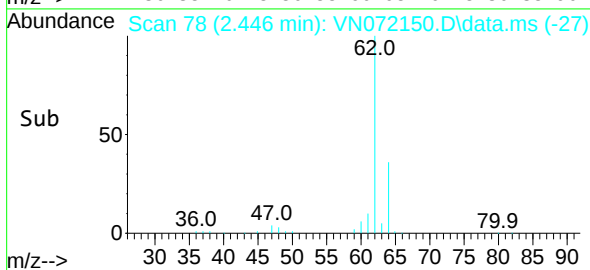
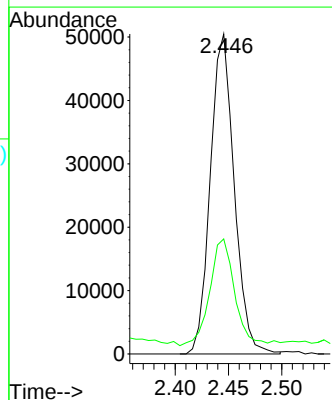
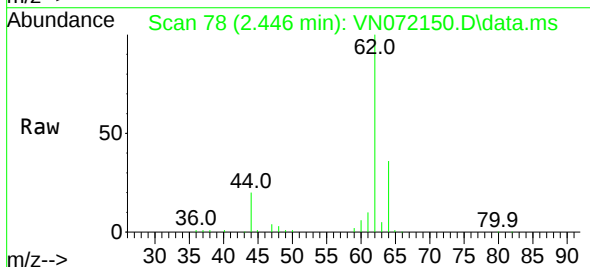
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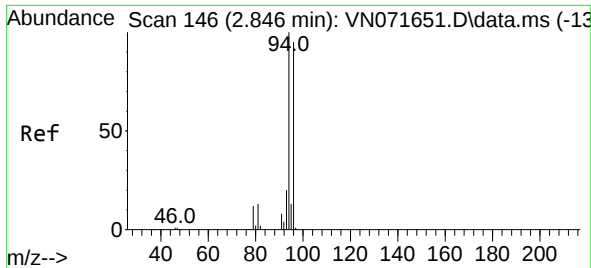
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#4
Vinyl Chloride
Concen: 15.251 ug/l
RT: 2.446 min Scan# 78
Delta R.T. -0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

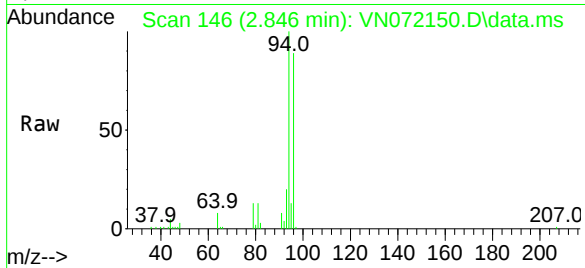
Tgt Ion: 62 Resp: 78877
Ion Ratio Lower Upper
62 100
64 33.3 25.0 37.4





#5
Bromomethane
Concen: 19.090 ug/l
RT: 2.846 min Scan# 146
Delta R.T. -0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

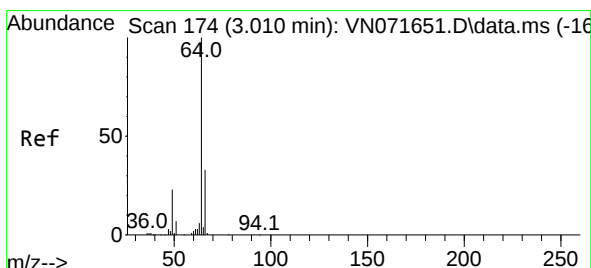
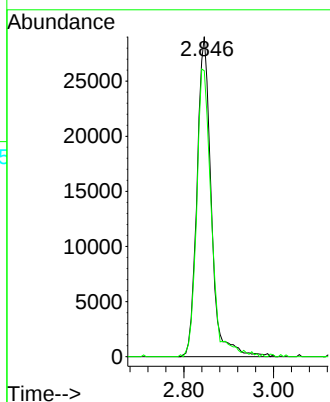
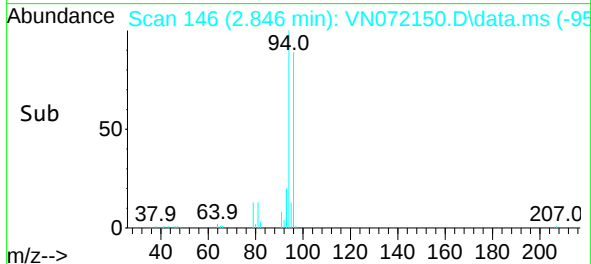
Instrument :
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Tgt Ion: 94 Resp: 6418
Ion Ratio Lower Upper
94 100
96 89.4 76.0 114.0

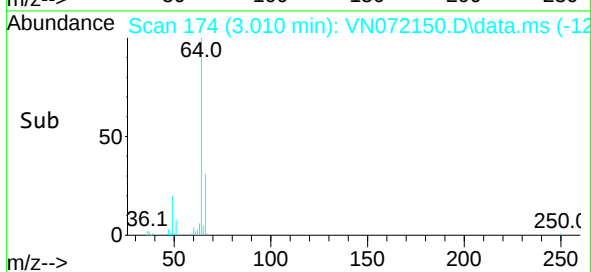
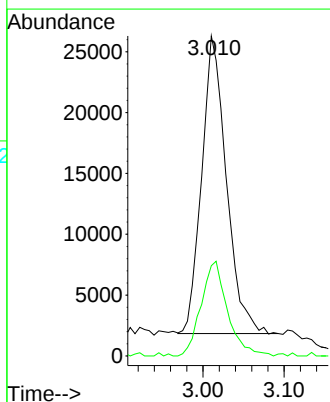
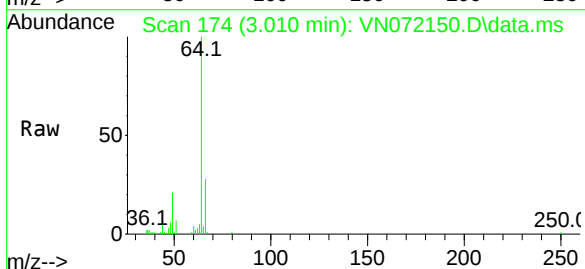
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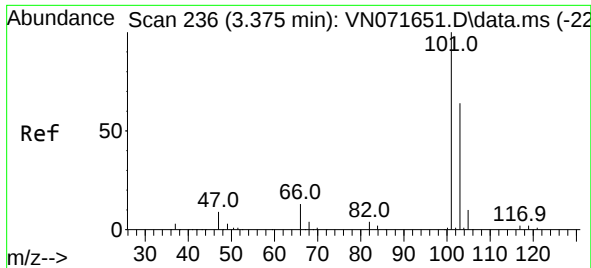
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#6
Chloroethane
Concen: 13.867 ug/l
RT: 3.010 min Scan# 174
Delta R.T. 0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

Tgt Ion: 64 Resp: 51596
Ion Ratio Lower Upper
64 100
66 30.3 26.2 39.4





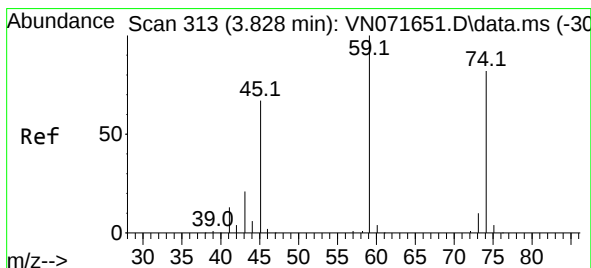
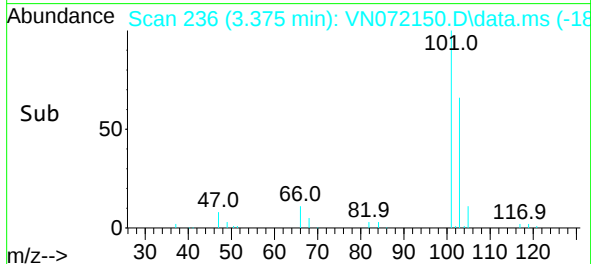
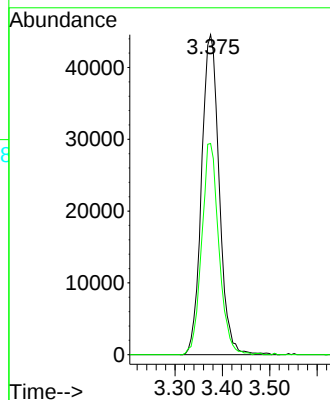
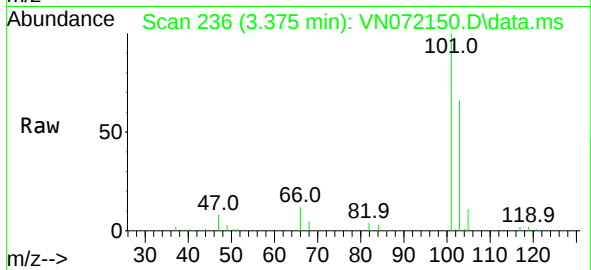
#7
Trichlorofluoromethane
Concen: 17.545 ug/l
RT: 3.375 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

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ClientSampleId :
VN0422WBS01

Tgt Ion:101 Resp: 115449
Ion Ratio Lower Upper
101 100
103 66.0 51.5 77.3

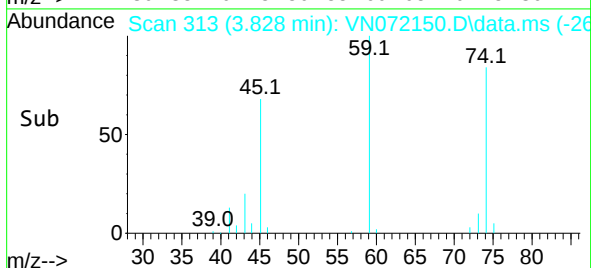
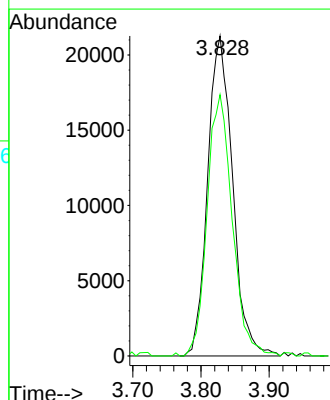
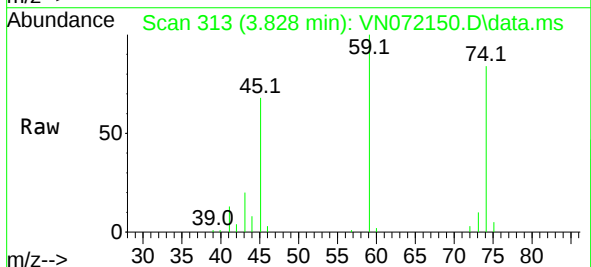
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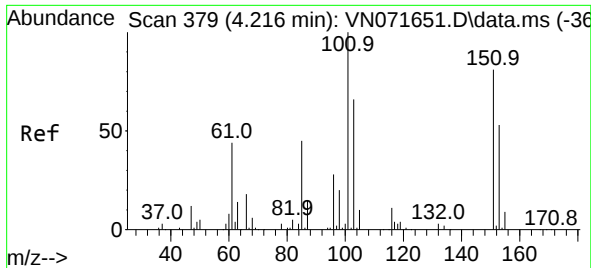
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#8
Diethyl Ether
Concen: 19.424 ug/l
RT: 3.828 min Scan# 313
Delta R.T. -0.000 min
Lab File: VN072150.D
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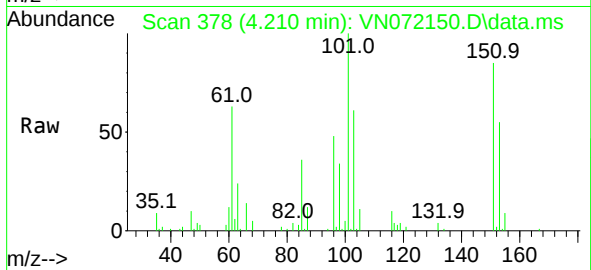
Tgt Ion: 74 Resp: 54018
Ion Ratio Lower Upper
74 100
45 82.4 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.640 ug/l
RT: 4.210 min Scan# 379
Delta R.T. -0.006 min
Lab File: VN072150.D
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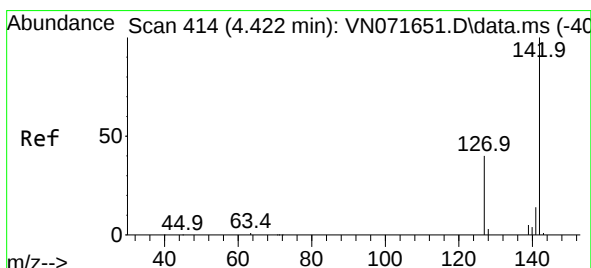
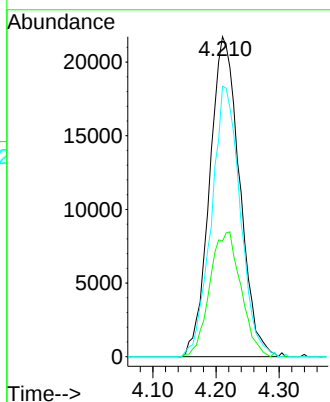
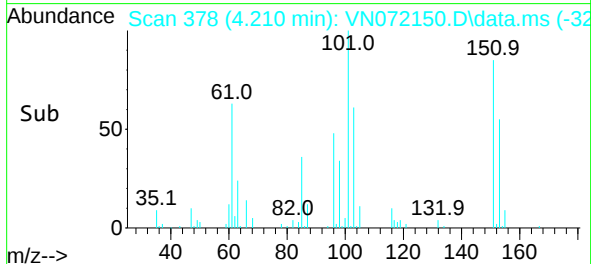
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01



Tgt Ion:101 Resp: 7153
Ion Ratio Lower Upper
101 100
85 40.5 34.7 52.1
151 81.7 63.0 94.4

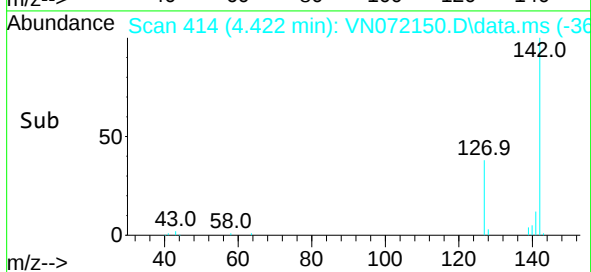
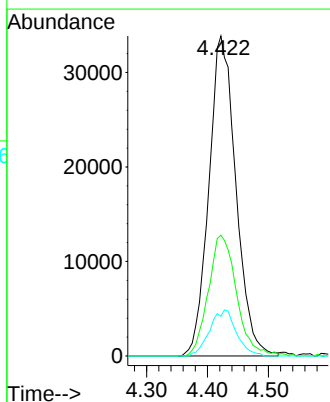
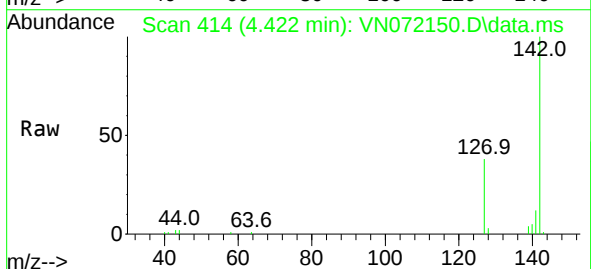
Manual Integrations
APPROVED

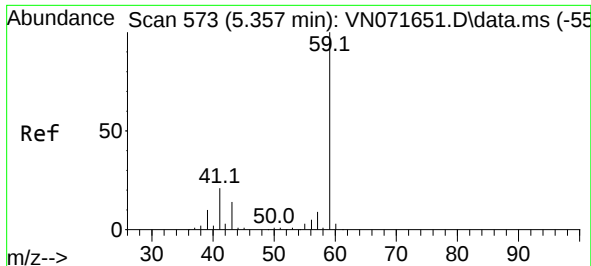
Reviewed By :John Carbone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#10
Methyl Iodide
Concen: 18.422 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

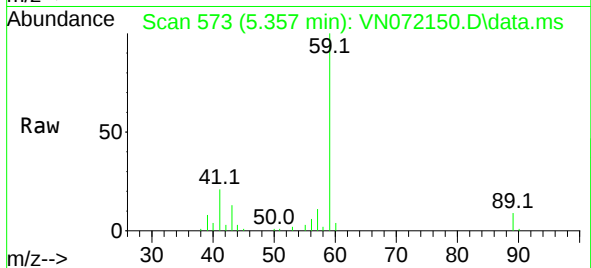
Tgt Ion:142 Resp: 104426
Ion Ratio Lower Upper
142 100
127 39.4 31.3 46.9
141 14.2 11.2 16.8





#11
Tert butyl alcohol
Concen: 96.255 ug/l
RT: 5.357 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

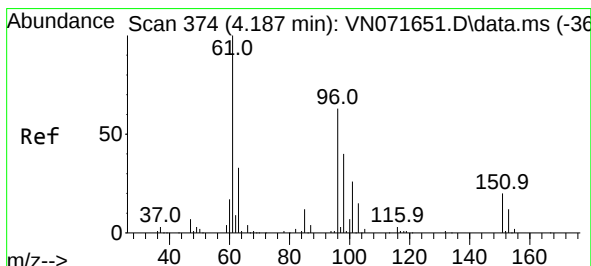
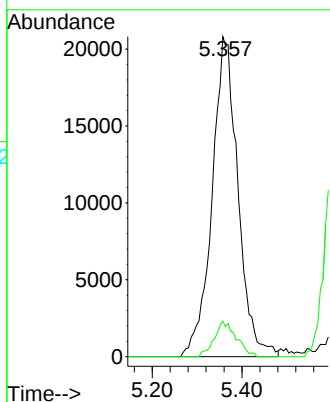
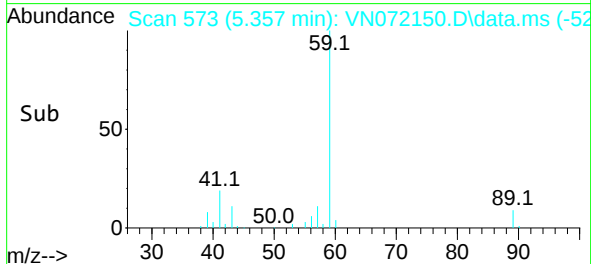
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01



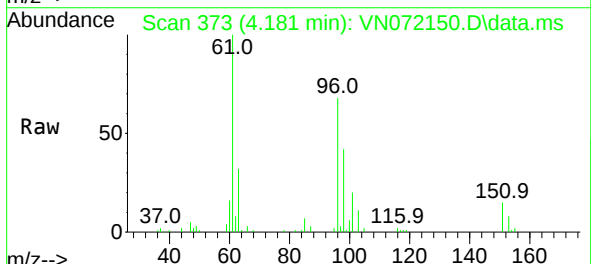
Tgt Ion: 59 Resp: 83369
Ion Ratio Lower Upper
59 100
57 9.4 8.3 12.5

Manual Integrations
APPROVED

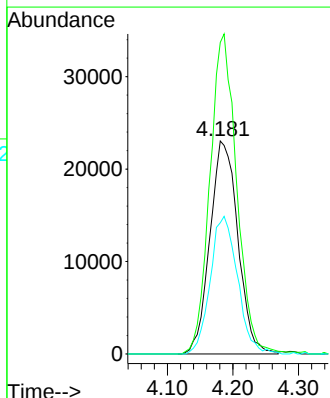
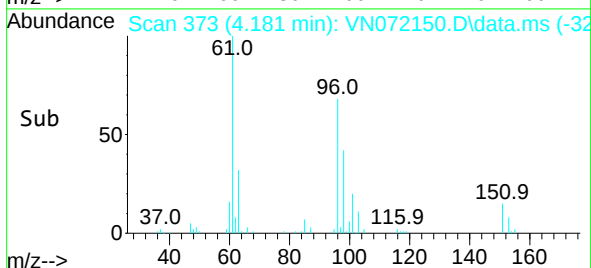
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

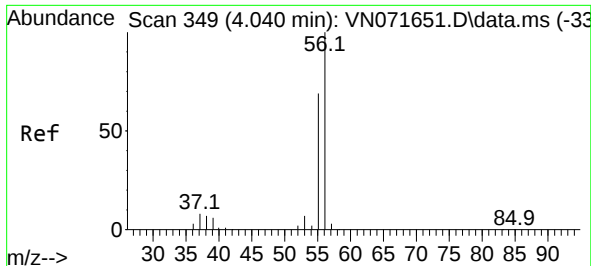


#12
1,1-Dichloroethene
Concen: 17.685 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.006 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23



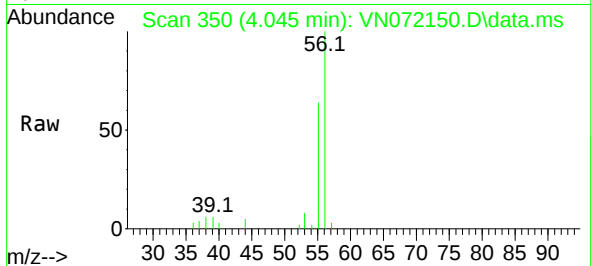
Tgt Ion: 96 Resp: 68244
Ion Ratio Lower Upper
96 100
61 146.3 127.6 191.4
98 61.6 51.2 76.8





#13
Acrolein
Concen: 22.339 ug/l
RT: 4.045 min Scan# 349
Delta R.T. 0.005 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

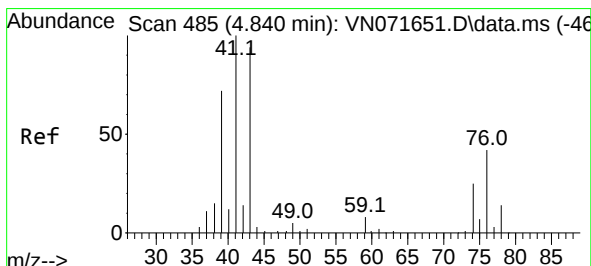
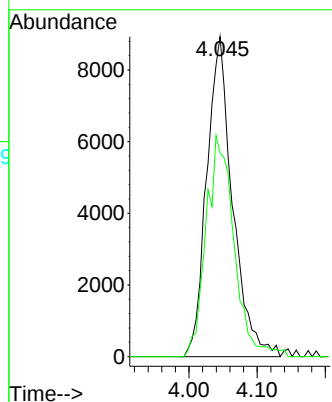
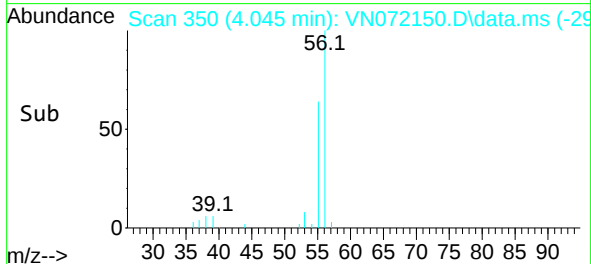
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01



Tgt Ion: 56 Resp: 2359
Ion Ratio Lower Upper
56 100
55 74.6 54.8 82.2

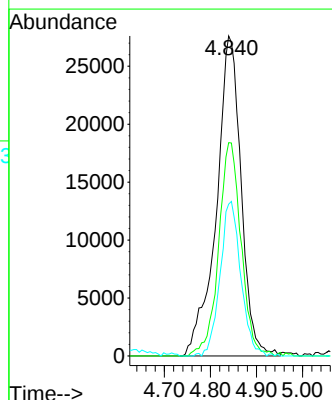
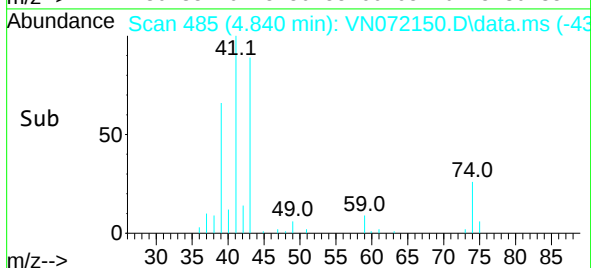
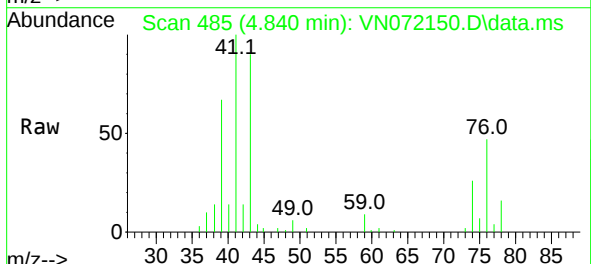
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#14
Allyl chloride
Concen: 16.428 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

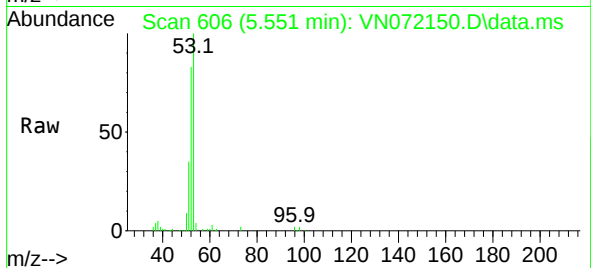
Tgt Ion: 41 Resp: 102891
Ion Ratio Lower Upper
41 100
39 60.6 53.2 79.8
76 40.4 29.9 44.9





#15
Acrylonitrile
Concen: 100.128 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.005 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

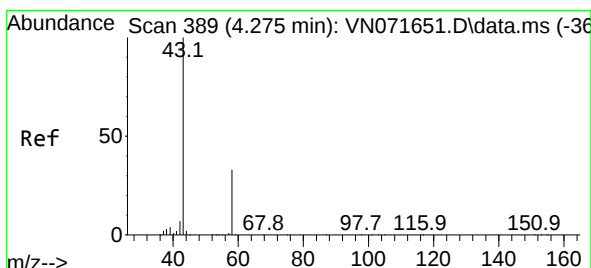
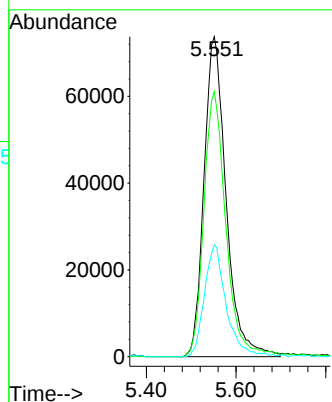
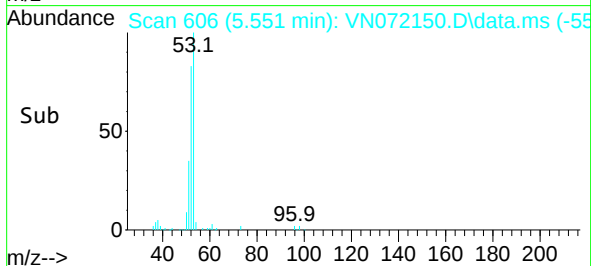
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01



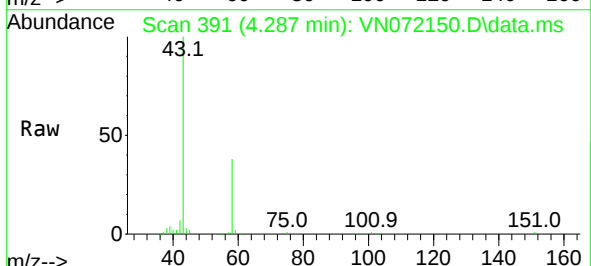
Tgt Ion: 53 Resp: 252079
Ion Ratio Lower Upper
53 100
52 82.7 66.4 99.6
51 34.5 28.5 42.7

Manual Integrations
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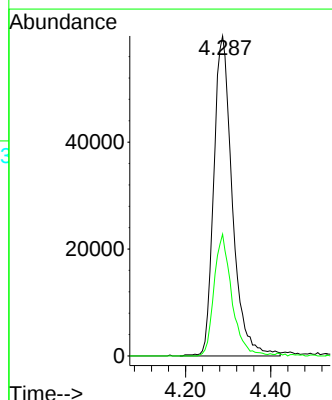
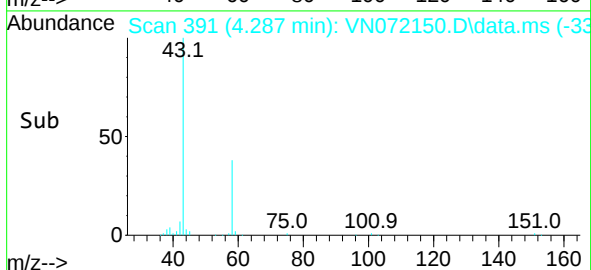
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

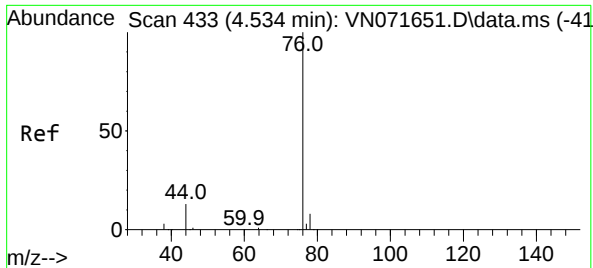


#16
Acetone
Concen: 79.386 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.012 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23



Tgt Ion: 43 Resp: 181071
Ion Ratio Lower Upper
43 100
58 38.1 26.0 39.0





#17

Carbon Disulfide

Concen: 17.996 ug/l

RT: 4.534 min Scan# 41

Delta R.T. -0.000 min

Lab File: VN072150.D

Acq: 22 Apr 2022 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01

Tgt Ion: 76 Resp: 159330

Ion Ratio Lower Upper

76 100

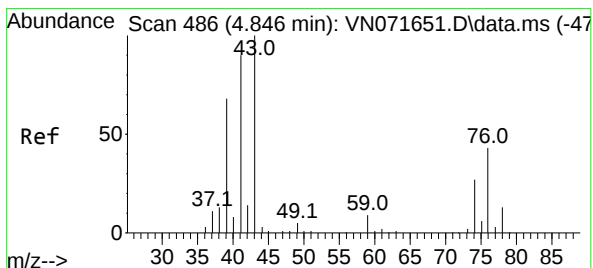
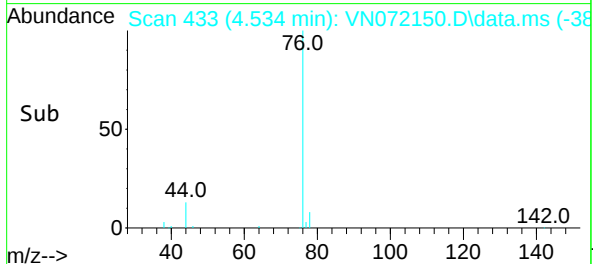
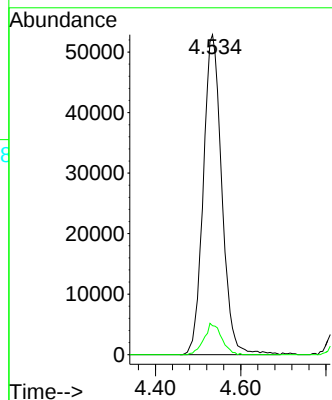
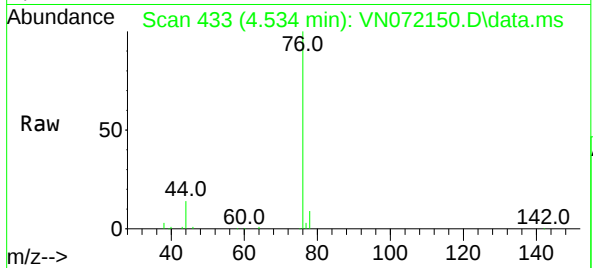
78 9.1 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#18

Methyl Acetate

Concen: 18.090 ug/l

RT: 4.851 min Scan# 487

Delta R.T. 0.005 min

Lab File: VN072150.D

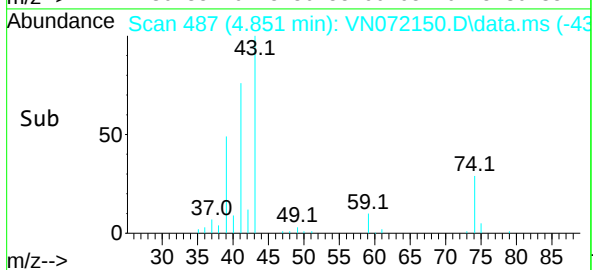
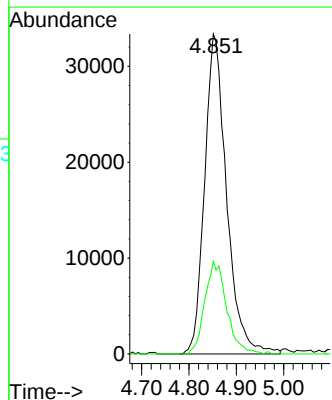
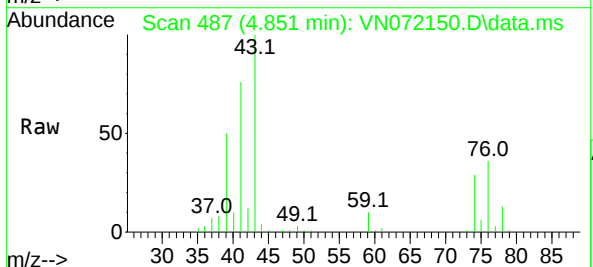
Acq: 22 Apr 2022 12:23

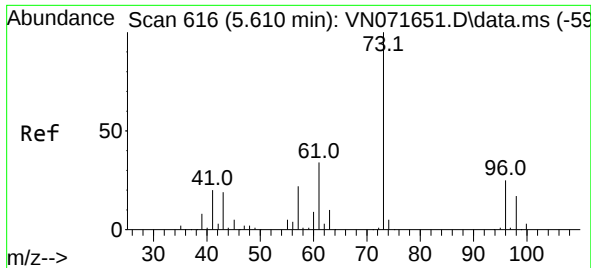
Tgt Ion: 43 Resp: 107631

Ion Ratio Lower Upper

43 100

74 28.6 21.6 32.4





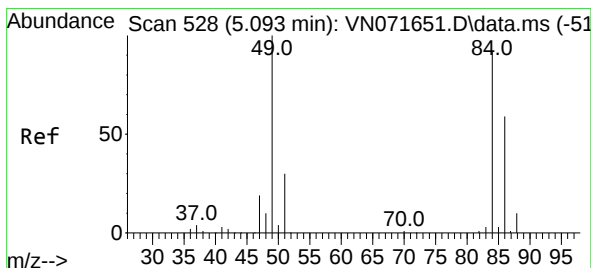
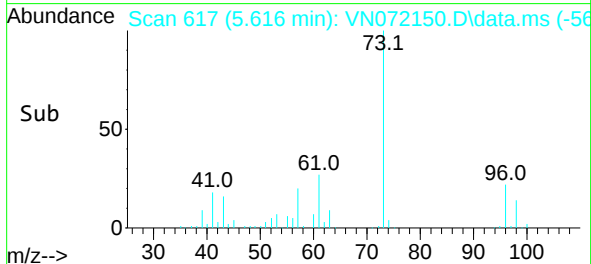
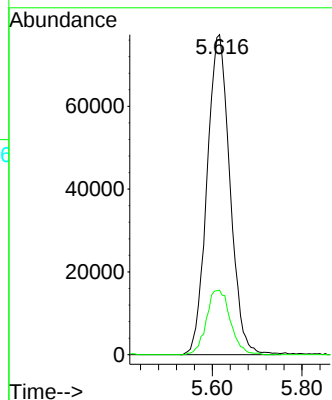
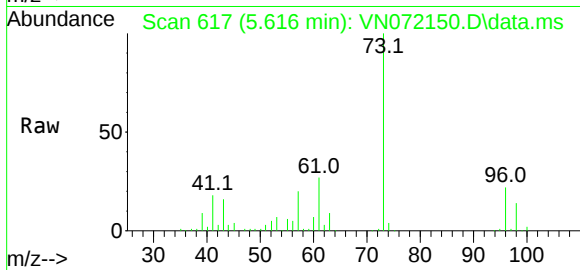
#19
Methyl tert-butyl Ether
Concen: 19.150 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01

Tgt Ion: 73 Resp: 274534
Ion Ratio Lower Upper
73 100
57 20.1 17.6 26.4

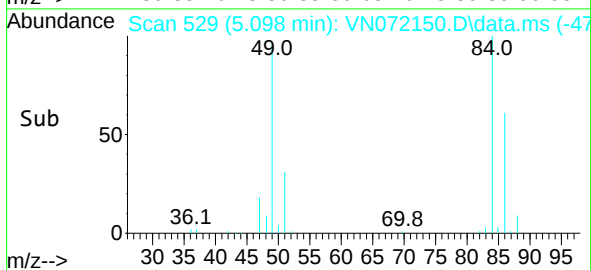
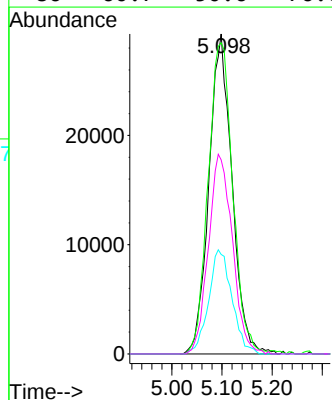
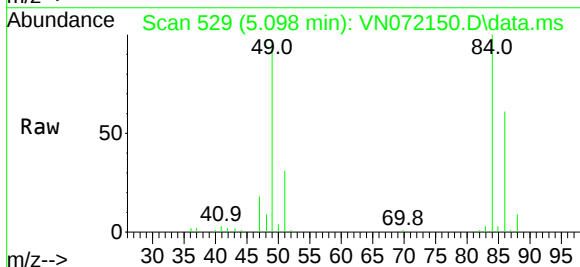
Manual Integrations
APPROVED

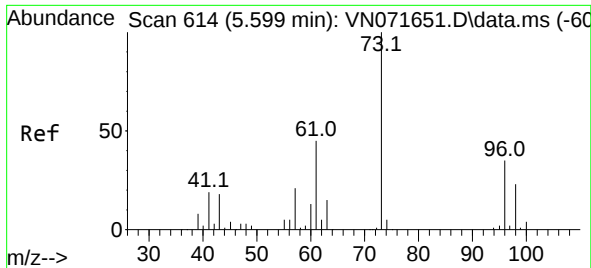
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#20
Methylene Chloride
Concen: 19.439 ug/l
RT: 5.098 min Scan# 529
Delta R.T. 0.005 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

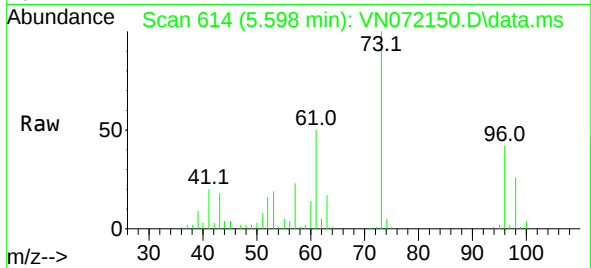
Tgt Ion: 84 Resp: 93452
Ion Ratio Lower Upper
84 100
49 97.3 88.3 132.5
51 31.1 28.2 42.2
86 60.7 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 18.281 ug/l
RT: 5.598 min Scan# 614
Delta R.T. -0.001 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

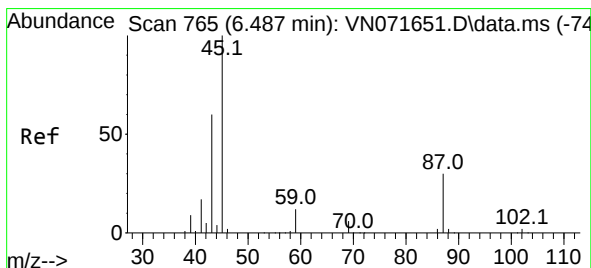
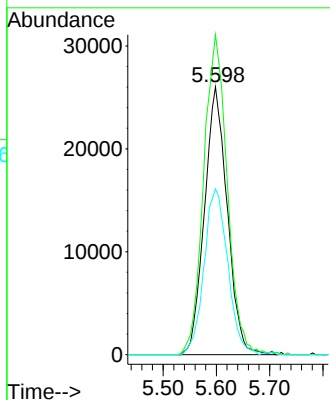
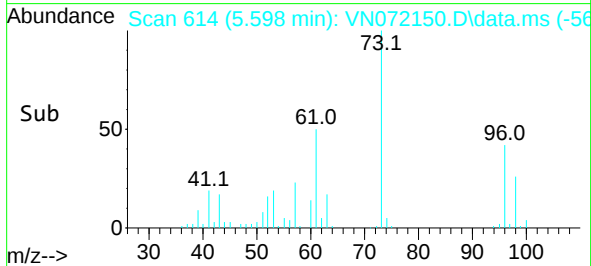
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01



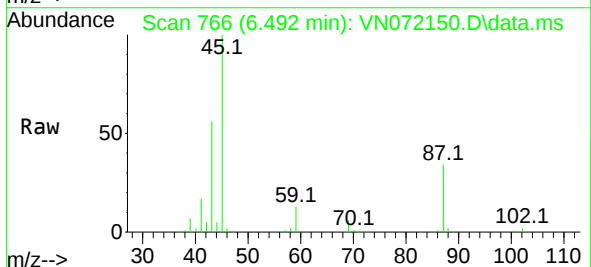
Tgt Ion: 96 Resp: 77439
Ion Ratio Lower Upper
96 100
61 119.5 105.8 158.8
98 61.9 50.3 75.5

Manual Integrations
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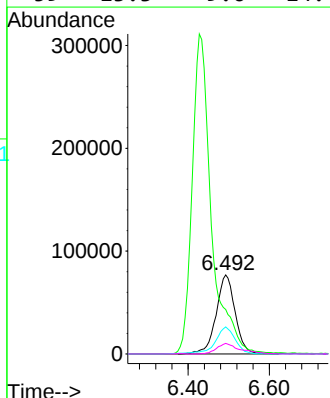
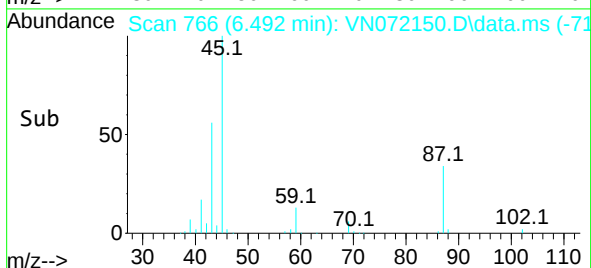
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

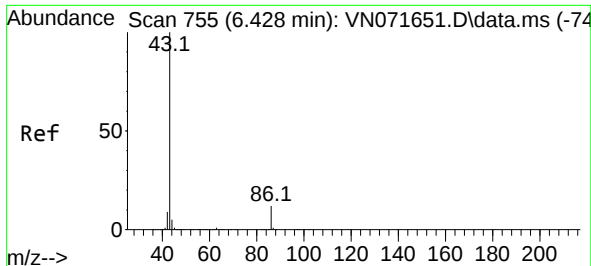


#22
Diisopropyl ether
Concen: 18.377 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23



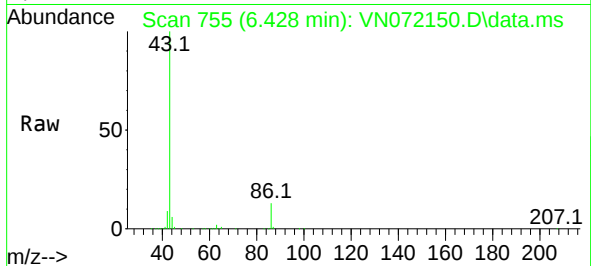
Tgt Ion: 45 Resp: 250569
Ion Ratio Lower Upper
45 100
43 55.0 46.6 70.0
87 34.3 24.3 36.5
59 13.3 9.6 14.4





#23
 Vinyl Acetate
 Concen: 94.570 ug/l
 RT: 6.428 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VN072150.D
 Acq: 22 Apr 2022 12:23

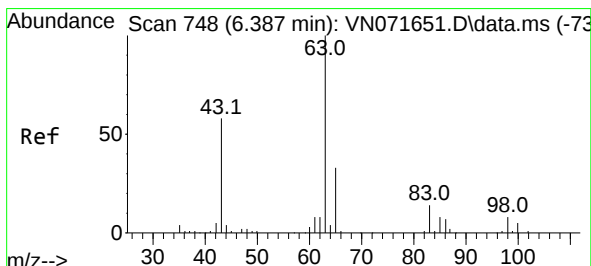
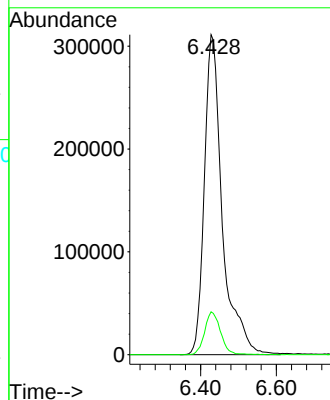
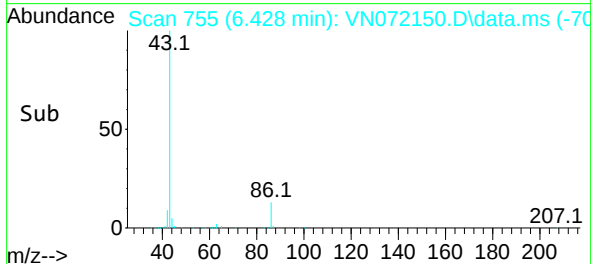
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBS01



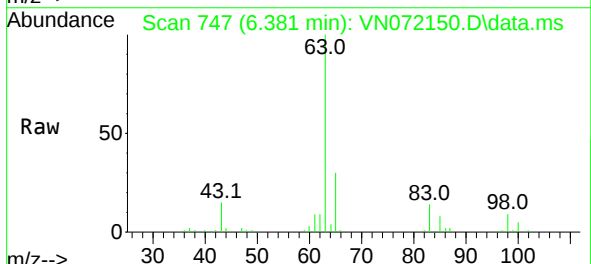
Tgt Ion: 43 Resp: 1025392
 Ion Ratio Lower Upper
 43 100
 86 13.4 10.0 15.0

Manual Integrations
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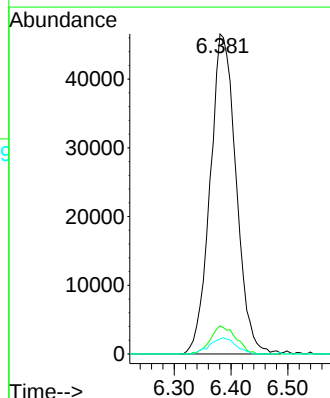
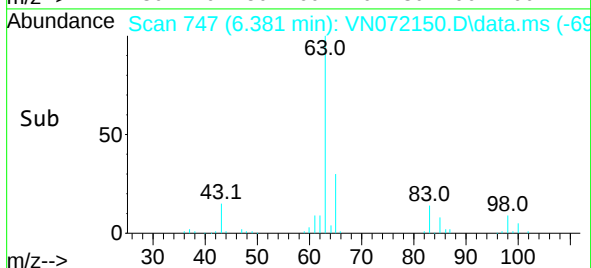
Reviewed By :John Carlone 04/25/2022
 Supervised By :Mahesh Dadoda 04/25/2022

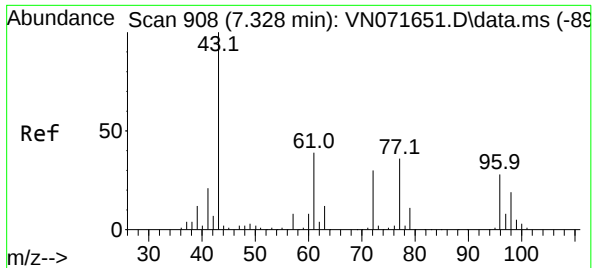


#24
 1,1-Dichloroethane
 Concen: 18.443 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN072150.D
 Acq: 22 Apr 2022 12:23



Tgt Ion: 63 Resp: 147628
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.5 10.4
 100 4.7 2.3 6.8





#25

2-Butanone

Concen: 90.653 ug/l

RT: 7.333 min Scan# 908

Delta R.T. 0.005 min

Lab File: VN072150.D

Acq: 22 Apr 2022 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01

Tgt Ion: 43 Resp: 29808

Ion Ratio Lower Upper

43 100

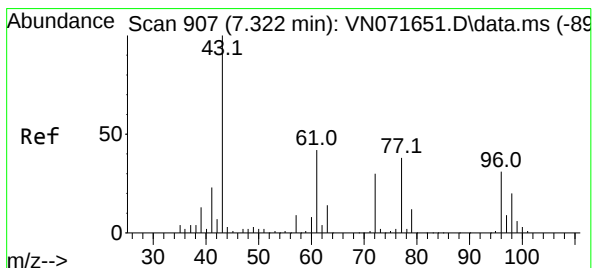
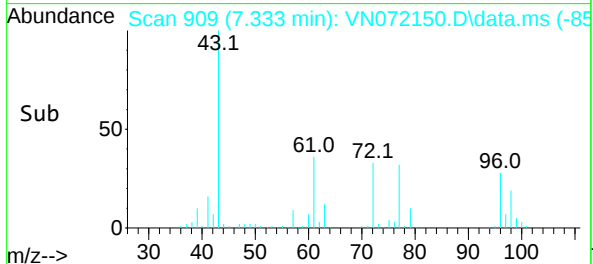
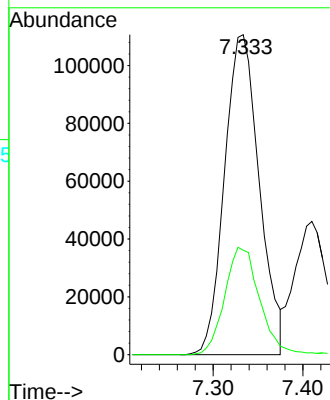
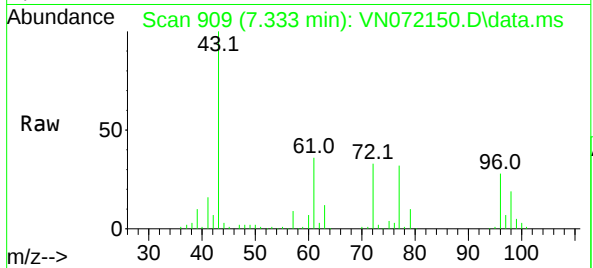
72 32.6 23.7 35.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#26

2,2-Dichloropropane

Concen: 17.149 ug/l

RT: 7.322 min Scan# 907

Delta R.T. -0.000 min

Lab File: VN072150.D

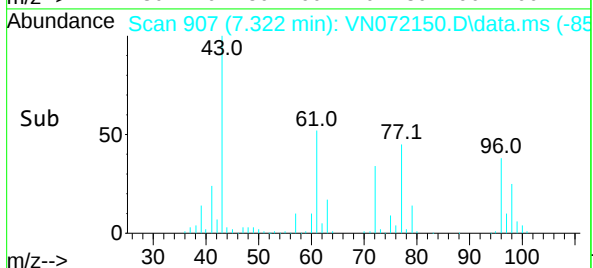
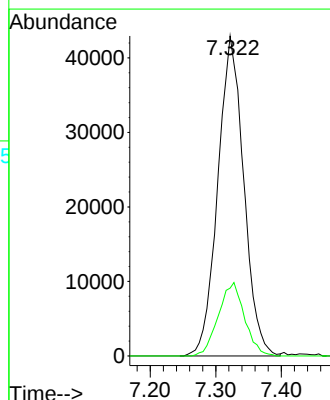
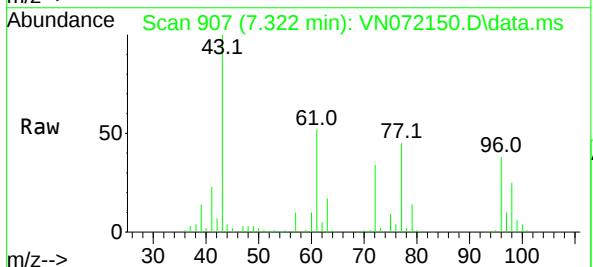
Acq: 22 Apr 2022 12:23

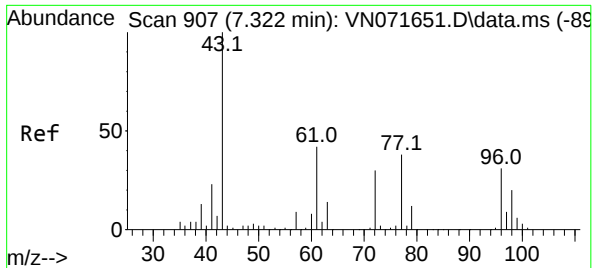
Tgt Ion: 77 Resp: 117919

Ion Ratio Lower Upper

77 100

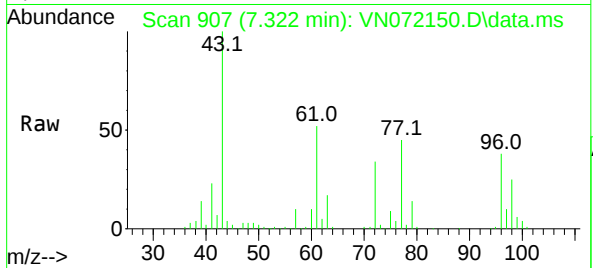
97 23.1 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 18.952 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN072150.D
 Acq: 22 Apr 2022 12:23

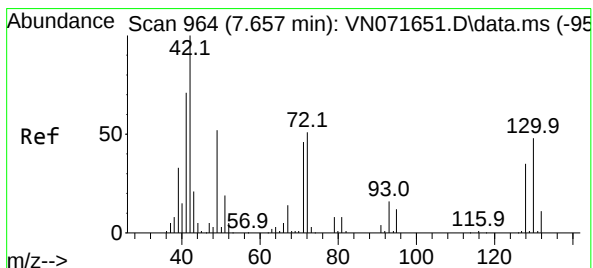
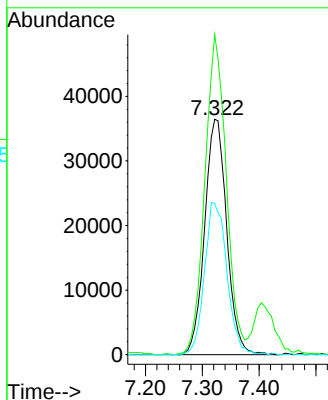
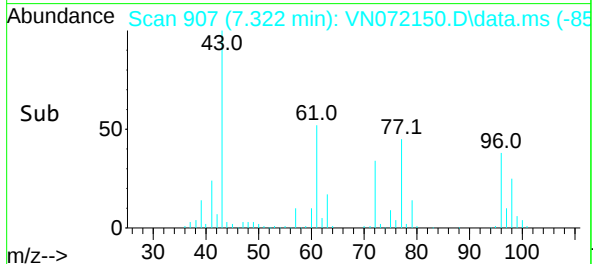
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBS01



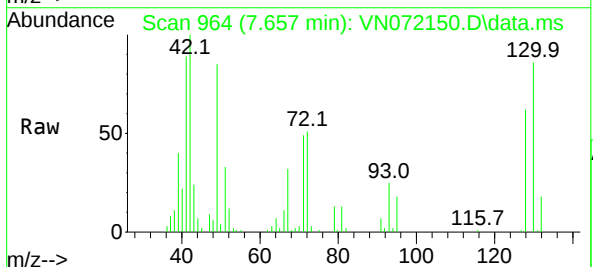
Tgt Ion: 96 Resp: 98450
 Ion Ratio Lower Upper
 96 100
 61 132.0 0.0 280.6
 98 65.7 0.0 128.4

Manual Integrations
 APPROVED

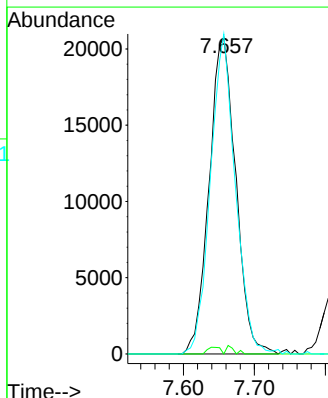
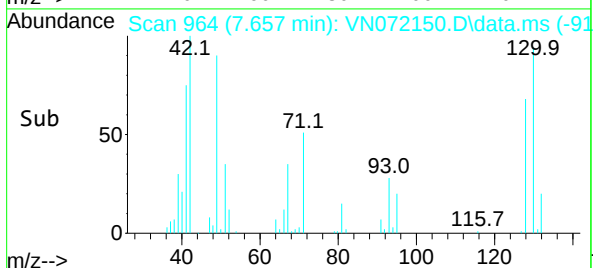
Reviewed By :John Carlone 04/25/2022
 Supervised By :Mahesh Dadoda 04/25/2022

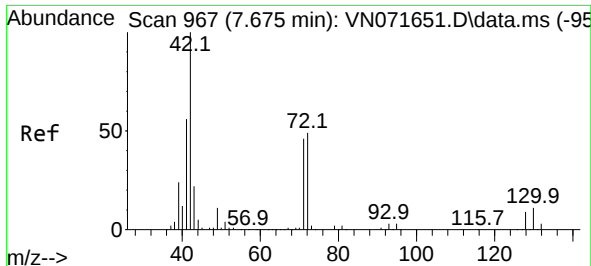


#28
 Bromochloromethane
 Concen: 16.751 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. -0.000 min
 Lab File: VN072150.D
 Acq: 22 Apr 2022 12:23



Tgt Ion: 49 Resp: 54087
 Ion Ratio Lower Upper
 49 100
 129 0.8 0.0 4.6
 130 94.5 69.7 104.5





#29

Tetrahydrofuran

Concen: 93.236 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN072150.D

Acq: 22 Apr 2022 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01

Tgt Ion: 42 Resp: 19851

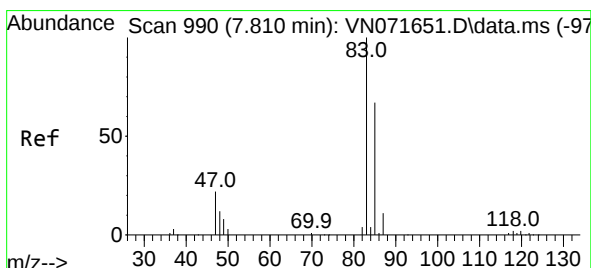
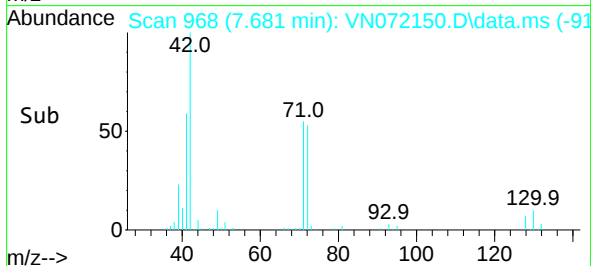
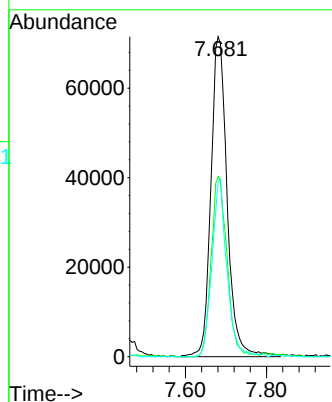
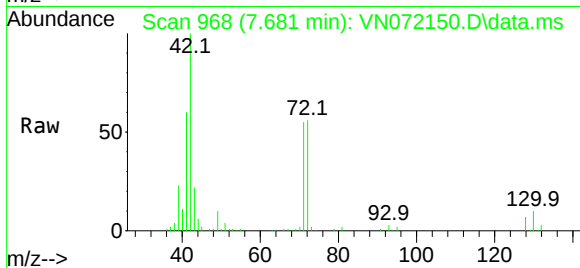
Ion	Ratio	Lower	Upper
42	100		
72	54.9	39.7	59.5
71	51.2	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#30

Chloroform

Concen: 18.978 ug/l

RT: 7.816 min Scan# 991

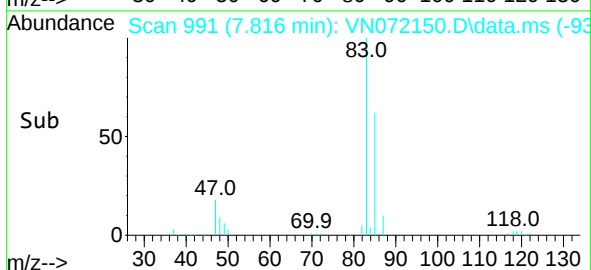
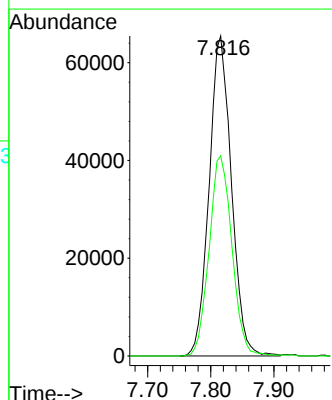
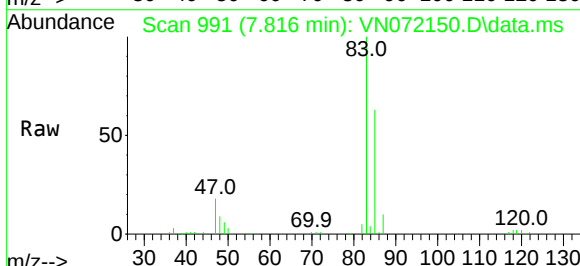
Delta R.T. 0.006 min

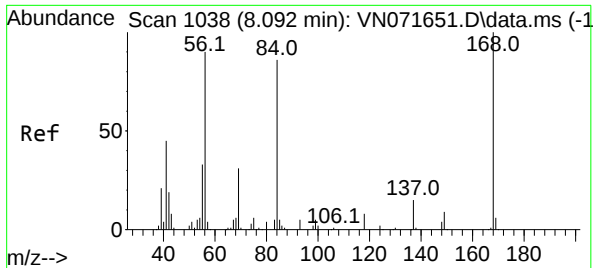
Lab File: VN072150.D

Acq: 22 Apr 2022 12:23

Tgt Ion: 83 Resp: 160397

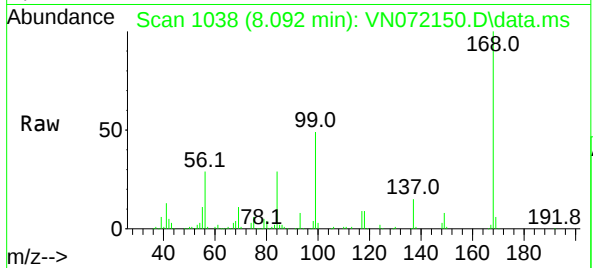
Ion	Ratio	Lower	Upper
83	100		
85	62.5	51.8	77.8





#31
Cyclohexane
Concen: 16.280 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

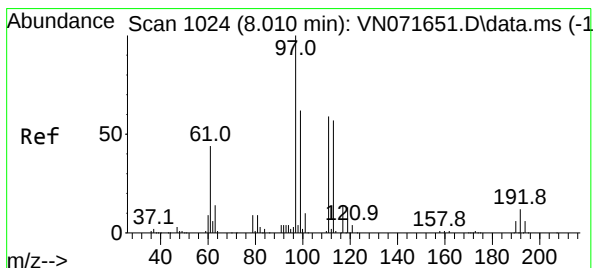
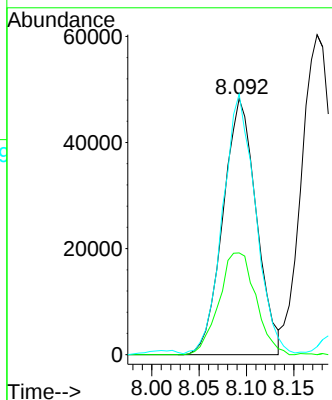
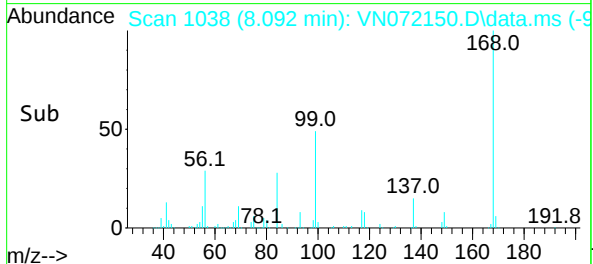
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01



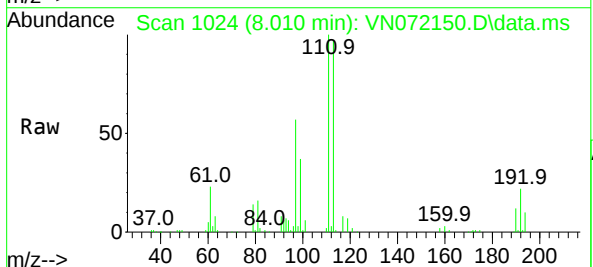
Tgt Ion: 56 Resp: 11816
Ion Ratio Lower Upper
56 100
69 39.7 27.8 41.8
84 100.9 76.9 115.3

Manual Integrations
APPROVED

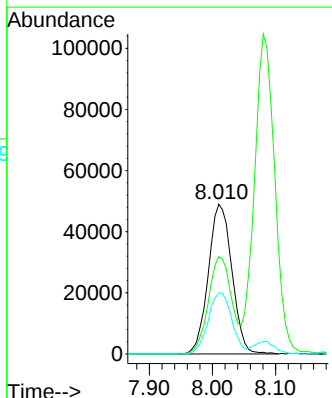
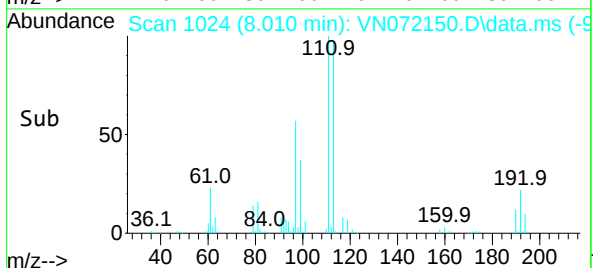
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

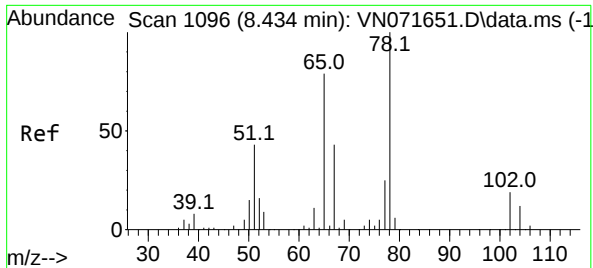


#32
1,1,1-Trichloroethane
Concen: 17.600 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23



Tgt Ion: 97 Resp: 127256
Ion Ratio Lower Upper
97 100
99 64.9 50.6 76.0
61 40.8 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 49.040 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072150.D

Acq: 22 Apr 2022 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01

Tgt Ion: 65 Resp: 261734

Ion Ratio Lower Upper

65 100

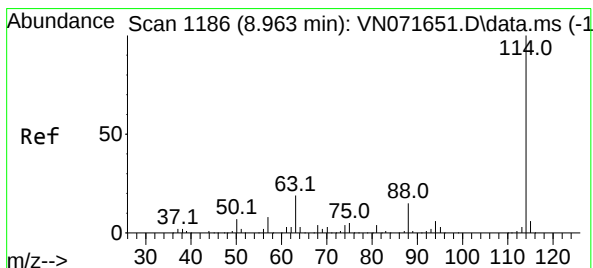
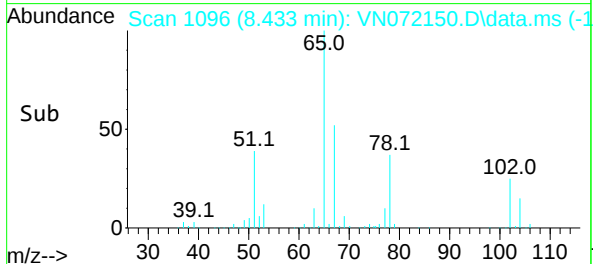
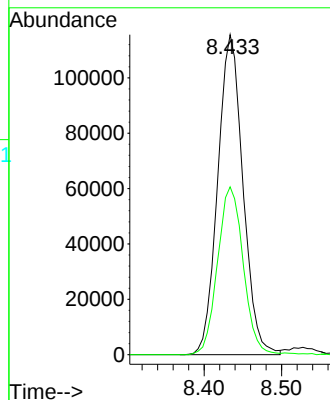
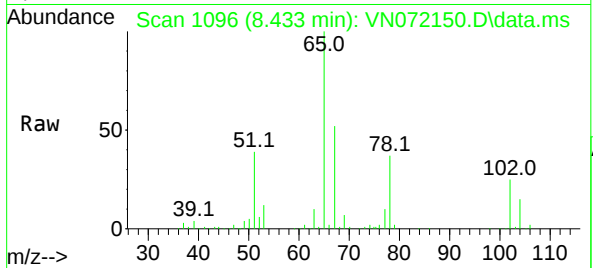
67 53.2 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072150.D

Acq: 22 Apr 2022 12:23

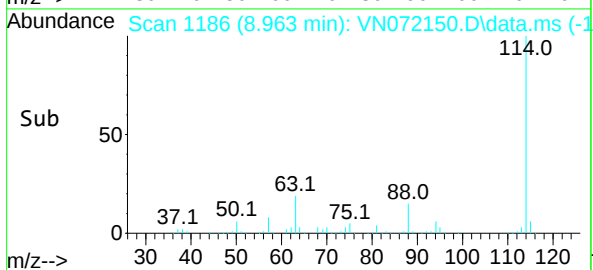
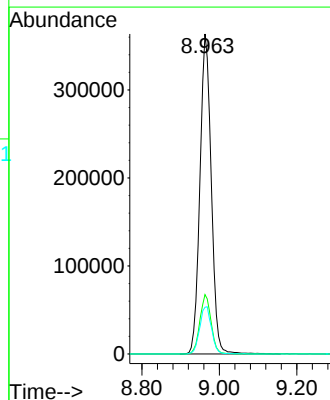
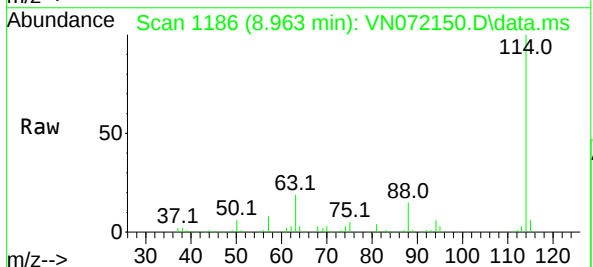
Tgt Ion:114 Resp: 736698

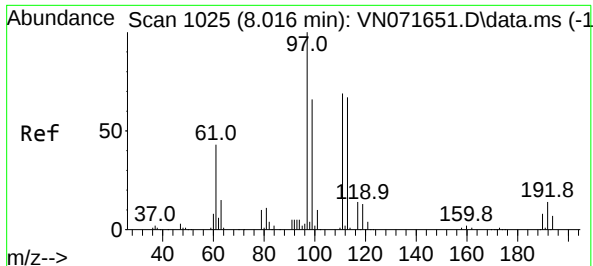
Ion Ratio Lower Upper

114 100

63 18.6 0.0 40.0

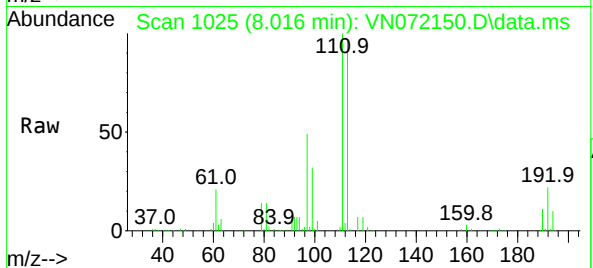
88 14.6 0.0 32.6





#35
Dibromofluoromethane
Concen: 53.679 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

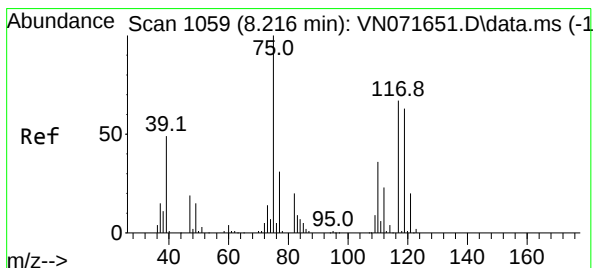
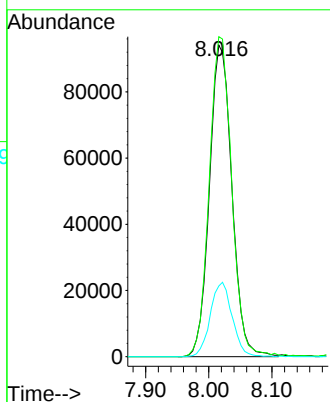
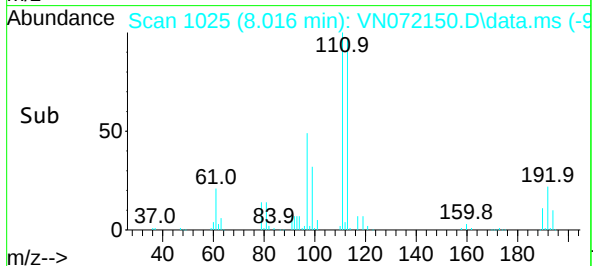
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01



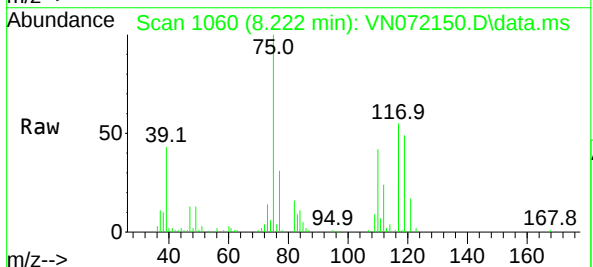
Tgt Ion: 113 Resp: 232702
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 23.3 17.0 25.6

Manual Integrations
APPROVED

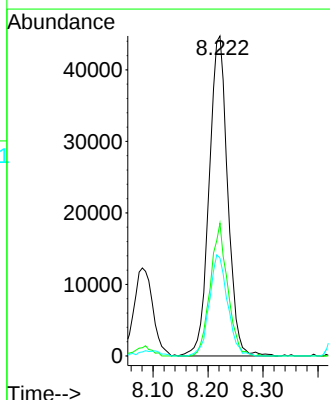
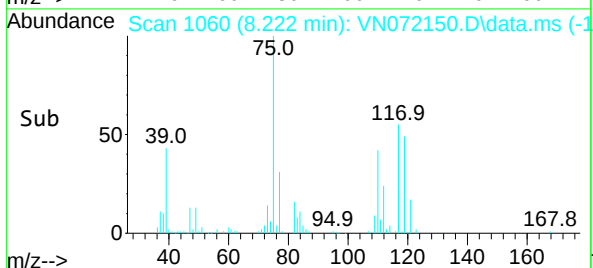
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

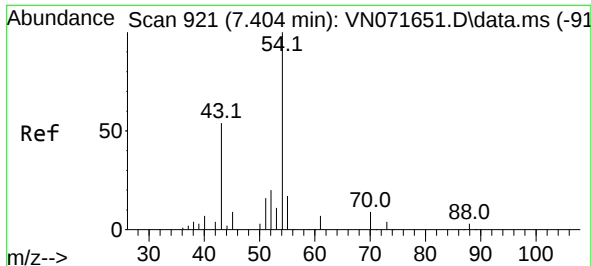


#36
1,1-Dichloropropene
Concen: 17.290 ug/l
RT: 8.222 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23



Tgt Ion: 75 Resp: 104669
Ion Ratio Lower Upper
75 100
110 38.6 18.3 54.8
77 31.1 25.1 37.7





#37

Ethyl Acetate

Concen: 18.466 ug/l

RT: 7.410 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN072150.D

Acq: 22 Apr 2022 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01

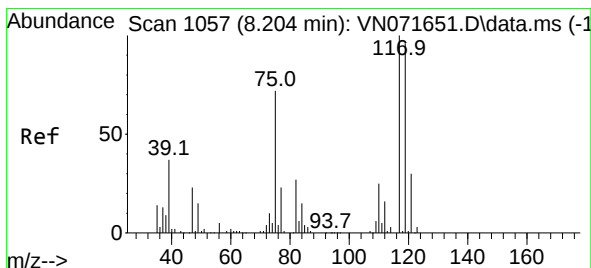
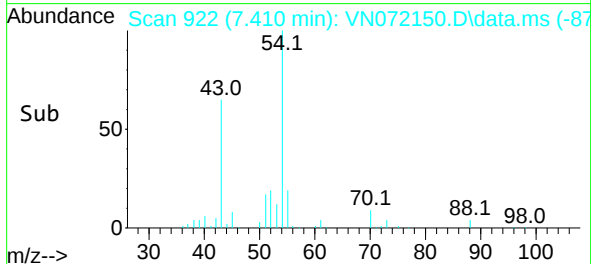
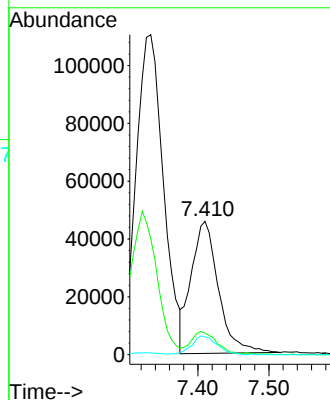
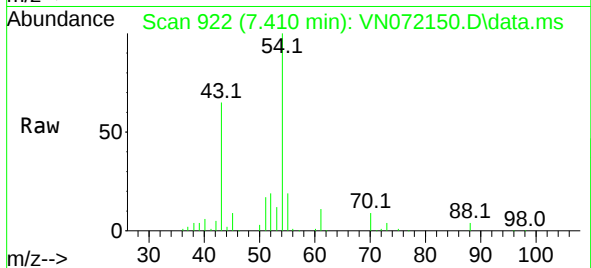
Tgt Ion: 43	Resp: 12235
Ion Ratio	Lower Upper
43 100	
61 15.3	11.8 17.6
70 13.1	9.3 13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#38

Carbon Tetrachloride

Concen: 18.183 ug/l

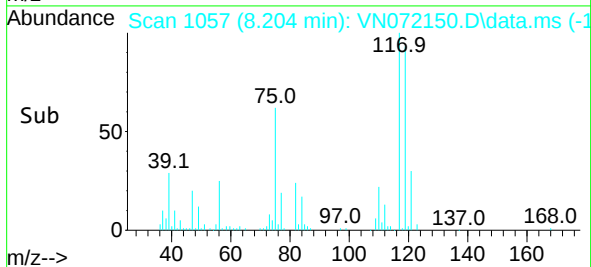
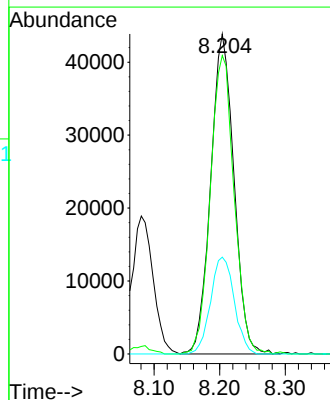
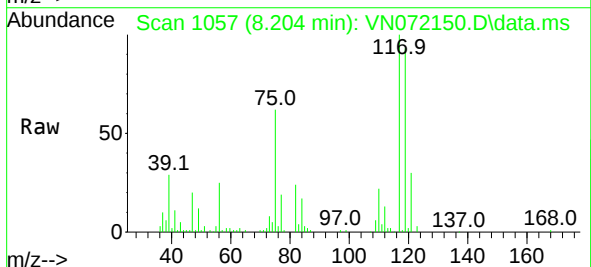
RT: 8.204 min Scan# 1057

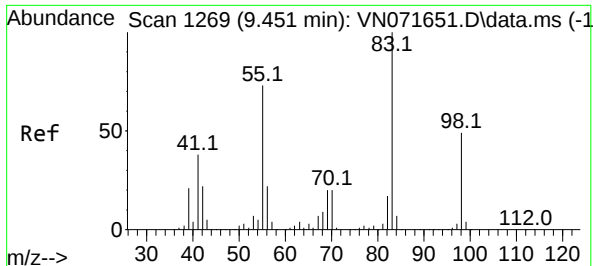
Delta R.T. 0.000 min

Lab File: VN072150.D

Acq: 22 Apr 2022 12:23

Tgt Ion: 117	Resp: 107881
Ion Ratio	Lower Upper
117 100	
119 93.3	75.8 113.8
121 30.2	24.6 37.0





#39

Methylcyclohexane

Concen: 16.593 ug/l

RT: 9.457 min Scan# 11957

Delta R.T. 0.006 min

Lab File: VN072150.D

Acq: 22 Apr 2022 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01

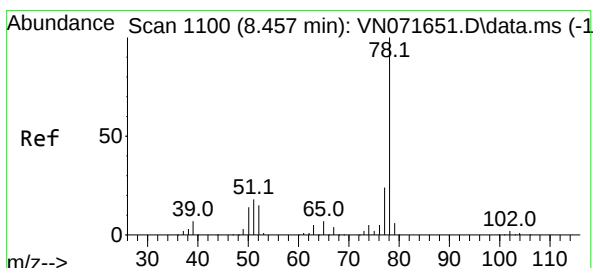
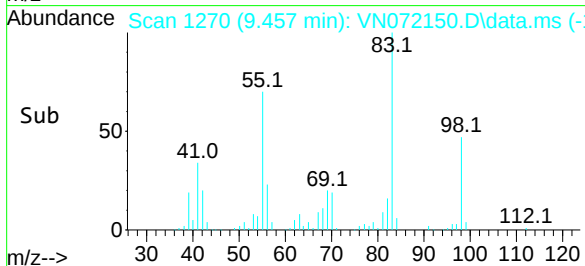
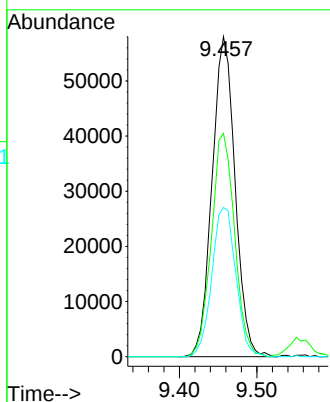
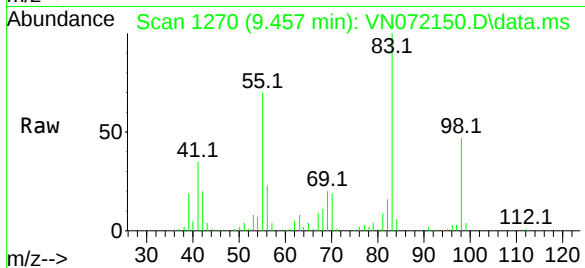
Tgt Ion: 83 Resp: 11957
 Ion Ratio Lower Upper
 83 100
 55 69.8 57.8 86.8
 98 46.6 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#40

Benzene

Concen: 19.017 ug/l

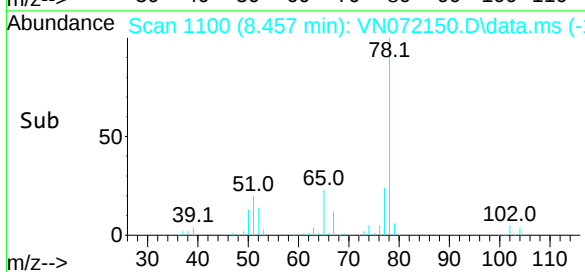
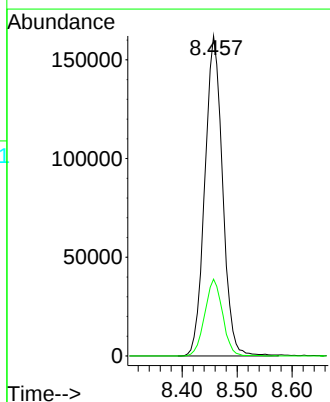
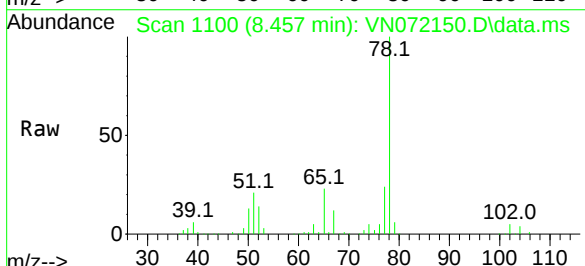
RT: 8.457 min Scan# 1100

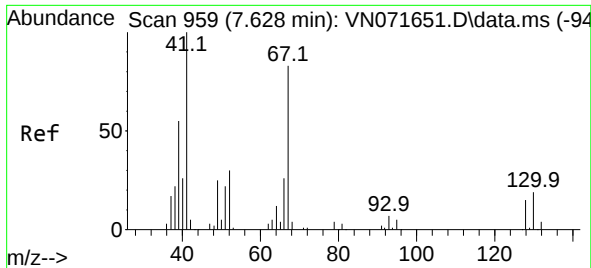
Delta R.T. -0.000 min

Lab File: VN072150.D

Acq: 22 Apr 2022 12:23

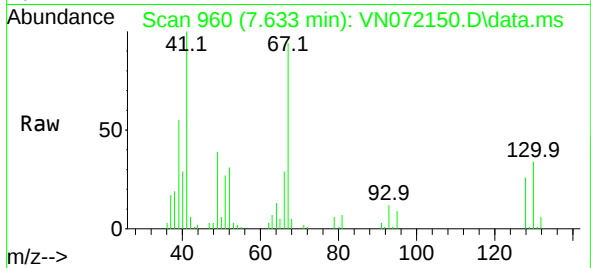
Tgt Ion: 78 Resp: 363664
 Ion Ratio Lower Upper
 78 100
 77 24.0 19.4 29.0





#41
Methacrylonitrile
Concen: 18.973 ug/l
RT: 7.633 min Scan# 90
Delta R.T. 0.005 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

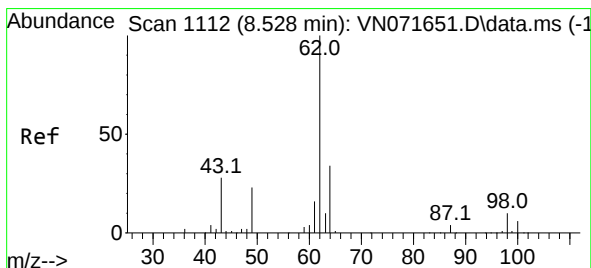
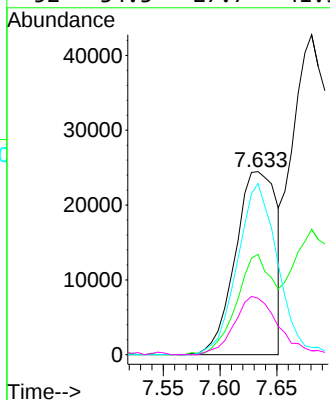
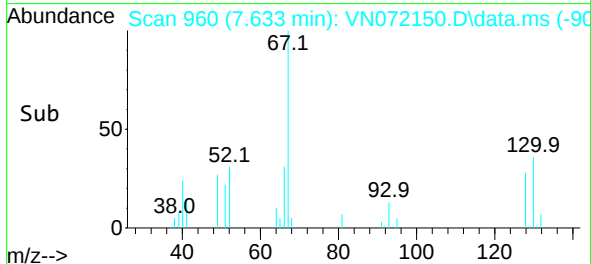
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01



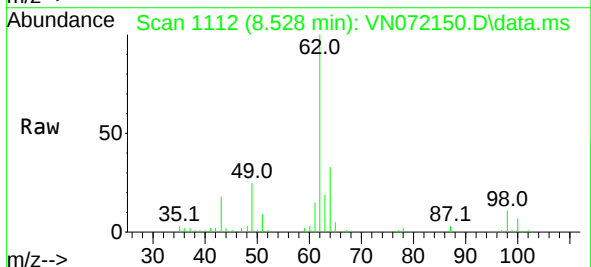
Tgt Ion: 41 Resp: 61550
Ion Ratio Lower Upper
41 100
39 49.3 48.6 73.0
67 92.7 73.4 110.2
52 34.3 27.7 41.5

Manual Integrations
APPROVED

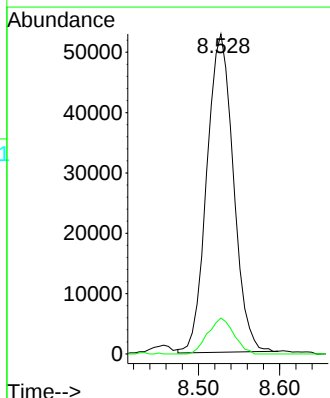
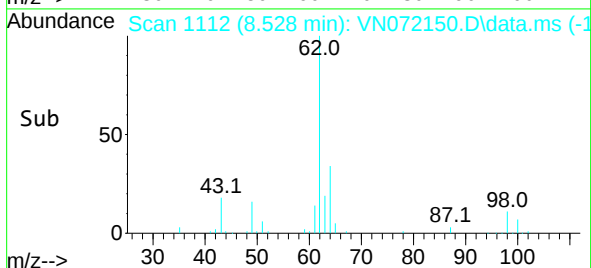
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

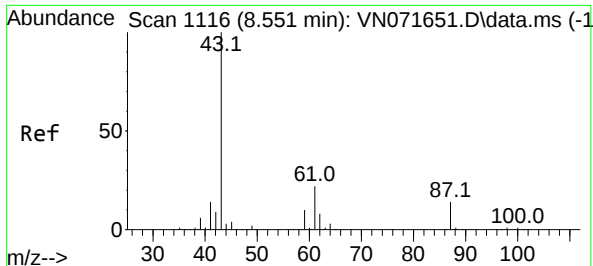


#42
1,2-Dichloroethane
Concen: 18.112 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23



Tgt Ion: 62 Resp: 119816
Ion Ratio Lower Upper
62 100
98 11.0 0.0 19.4





#43

Isopropyl Acetate

Concen: 16.663 ug/l

RT: 8.557 min Scan# 1116

Delta R.T. 0.006 min

Lab File: VN072150.D

Acq: 22 Apr 2022 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01

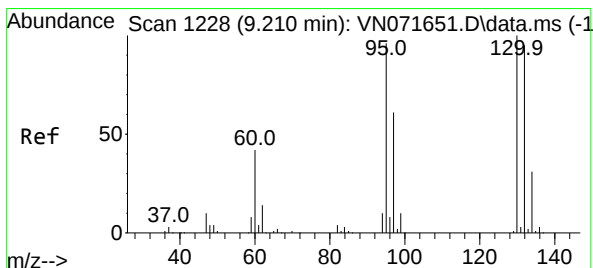
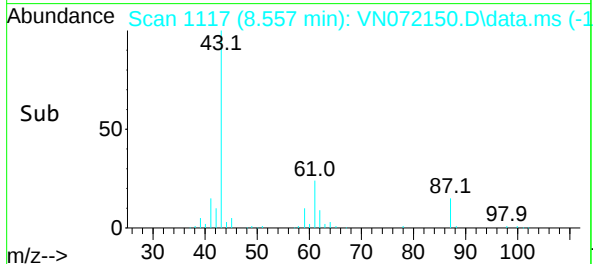
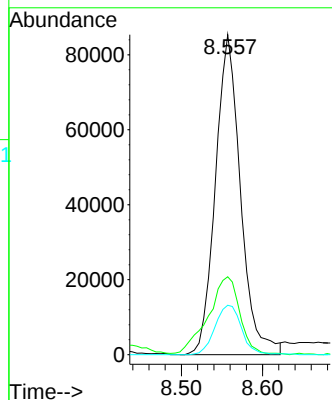
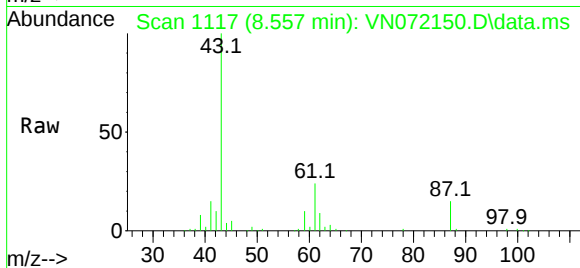
Tgt Ion: 43	Resp: 18364
Ion Ratio	Lower Upper
43	100
61	30.9 21.9 32.9
87	16.4 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#44

Trichloroethene

Concen: 18.392 ug/l

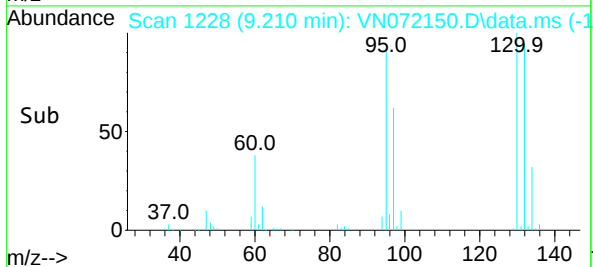
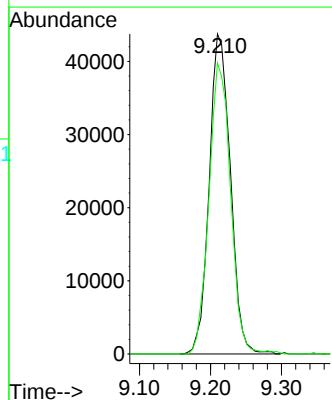
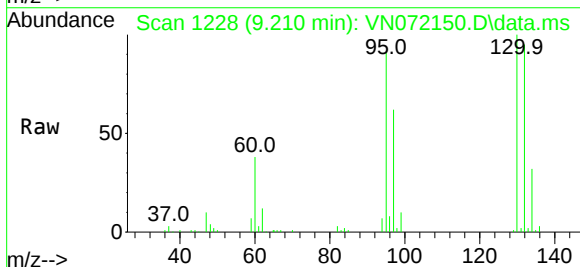
RT: 9.210 min Scan# 1228

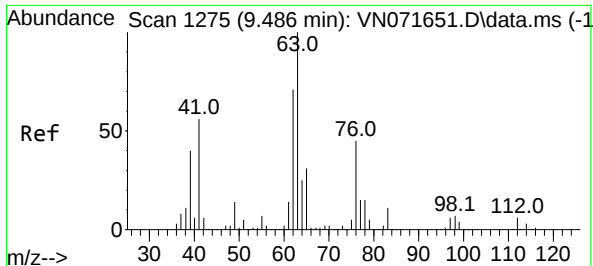
Delta R.T. -0.000 min

Lab File: VN072150.D

Acq: 22 Apr 2022 12:23

Tgt Ion:130	Resp: 90614
Ion Ratio	Lower Upper
130	100
95	90.9 0.0 186.8





#45

1,2-Dichloropropane

Concen: 19.294 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072150.D

Acq: 22 Apr 2022 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01

Tgt Ion: 63 Resp: 9217

Ion Ratio Lower Upper

63 100

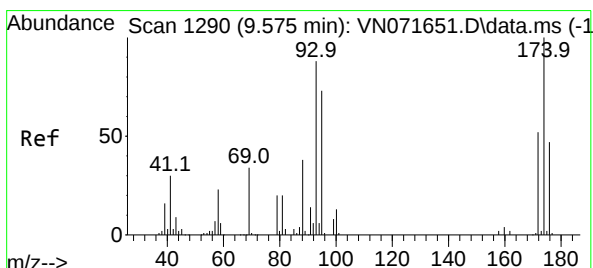
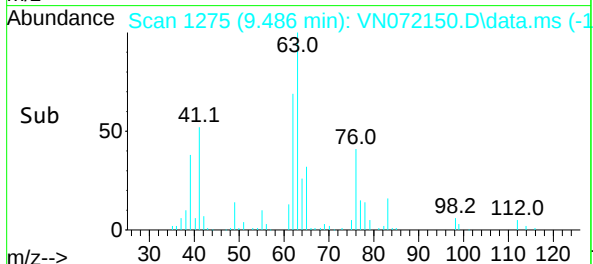
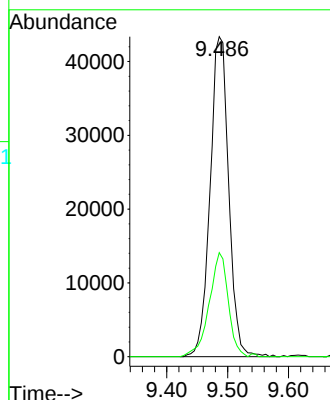
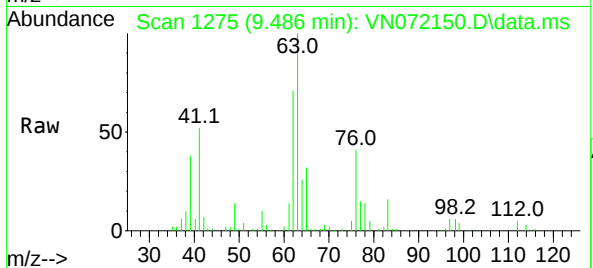
65 32.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#46

Dibromomethane

Concen: 19.995 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN072150.D

Acq: 22 Apr 2022 12:23

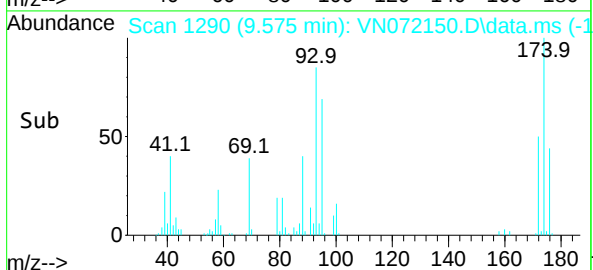
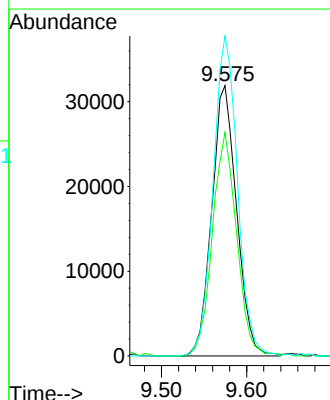
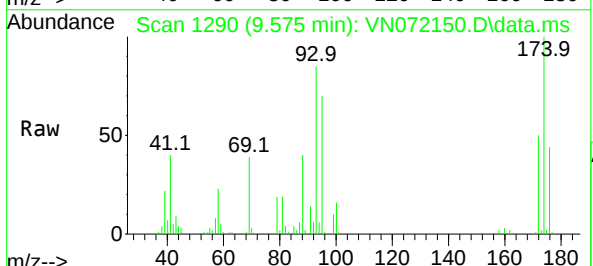
Tgt Ion: 93 Resp: 64856

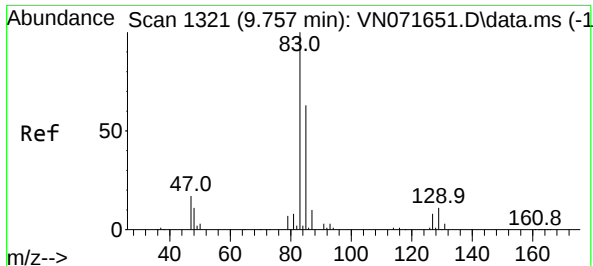
Ion Ratio Lower Upper

93 100

95 80.7 66.9 100.3

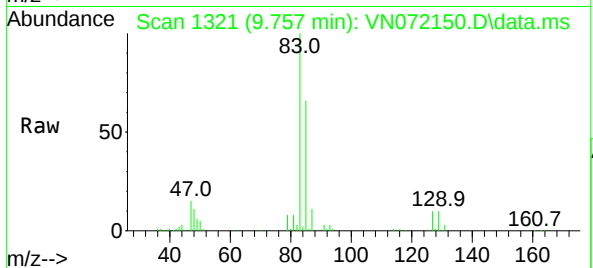
174 115.7 86.6 130.0





#47
Bromodichloromethane
Concen: 19.850 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

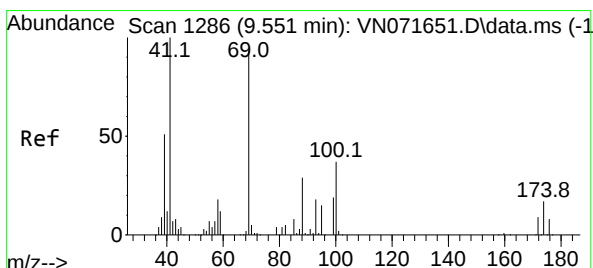
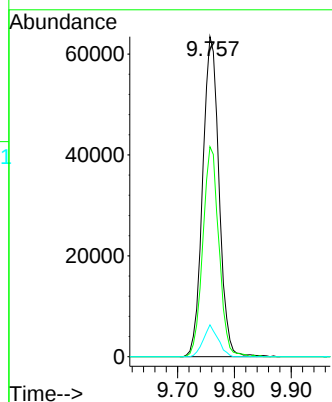
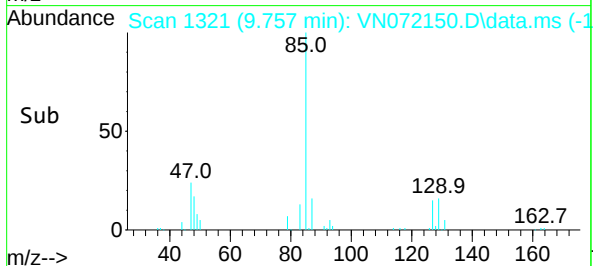
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01



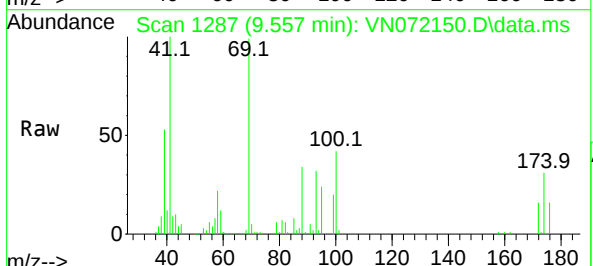
Tgt Ion: 83 Resp: 12674
Ion Ratio Lower Upper
83 100
85 65.6 50.5 75.7
127 10.0 6.8 10.2

Manual Integrations
APPROVED

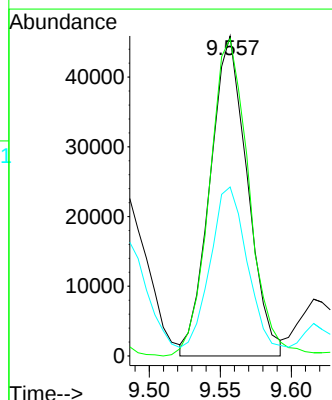
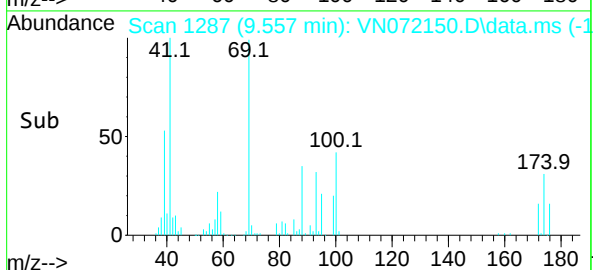
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

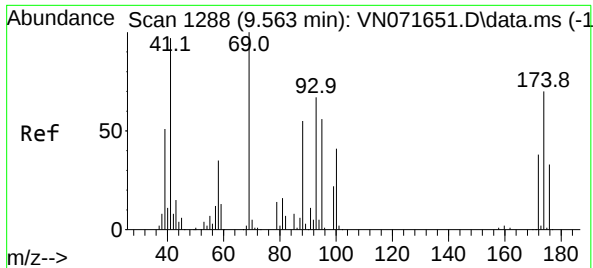


#48
Methyl methacrylate
Concen: 18.372 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23



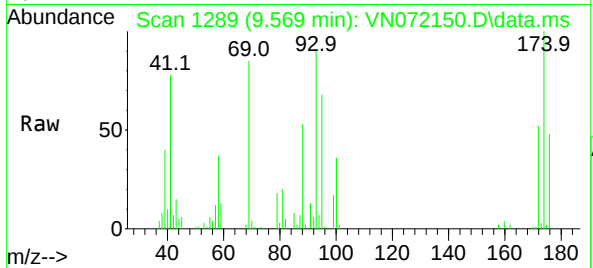
Tgt Ion: 41 Resp: 84007
Ion Ratio Lower Upper
41 100
69 105.7 74.7 112.1
39 54.0 45.6 68.4





#49
1,4-Dioxane
Concen: 364.447 ug/l
RT: 9.569 min Scan# 1288
Delta R.T. 0.006 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

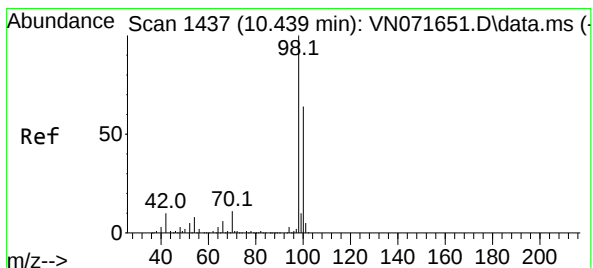
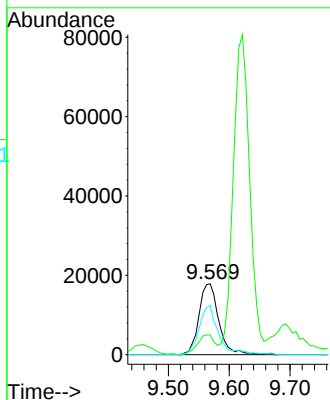
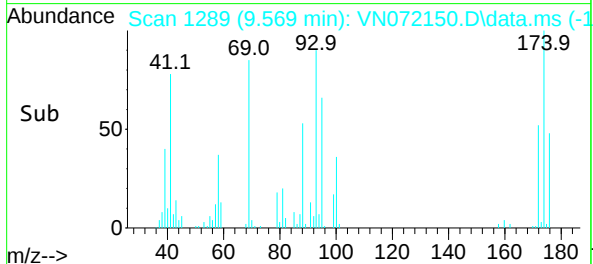
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01



Tgt Ion: 88 Resp: 40480
Ion Ratio Lower Upper
88 100
43 24.5 20.2 30.4
58 68.1 54.2 81.4

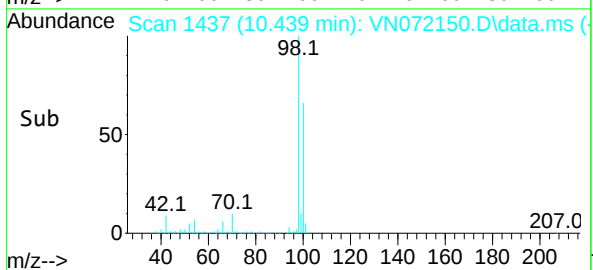
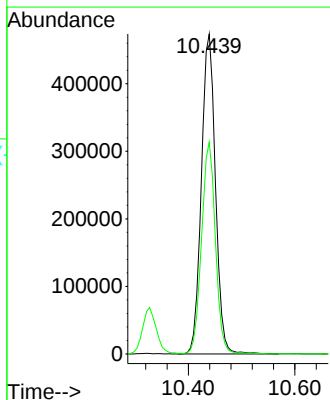
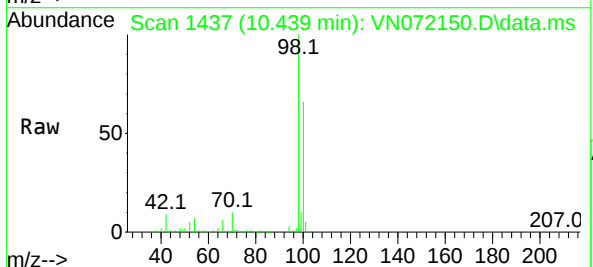
Manual Integrations
APPROVED

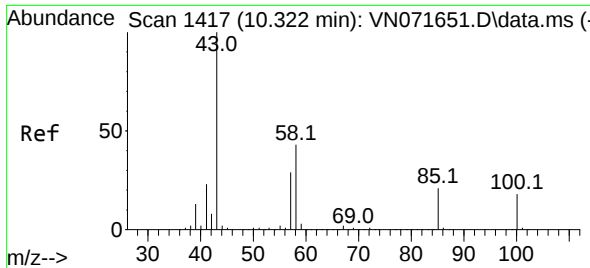
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#50
Toluene-d8
Concen: 48.960 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

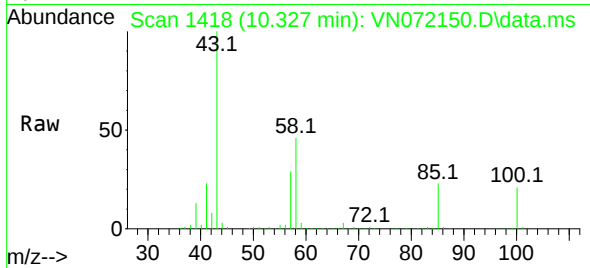
Tgt Ion: 98 Resp: 868244
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 94.502 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.005 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

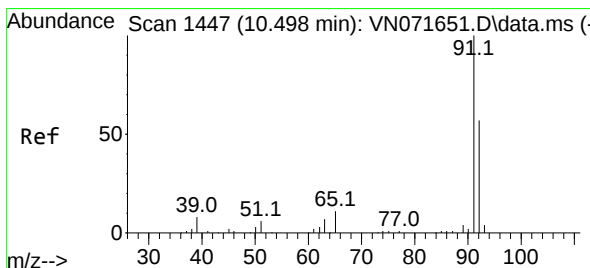
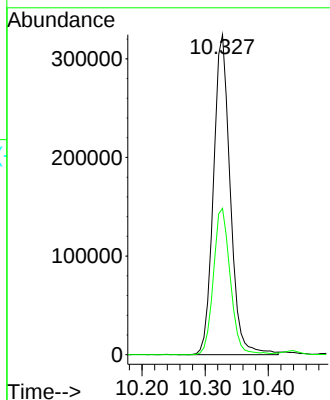
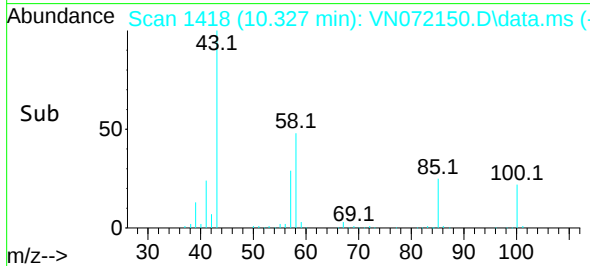
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01



Tgt Ion: 43 Resp: 59881
Ion Ratio Lower Upper
43 100
58 45.9 34.1 51.1

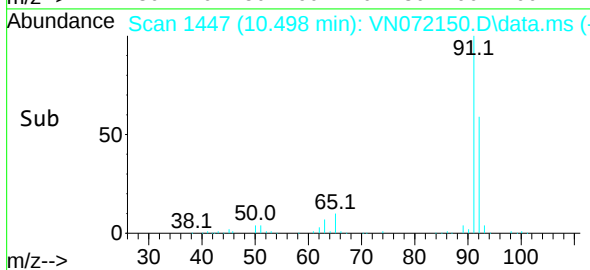
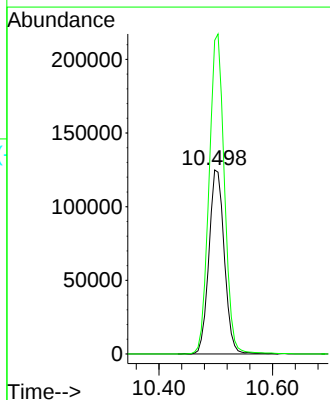
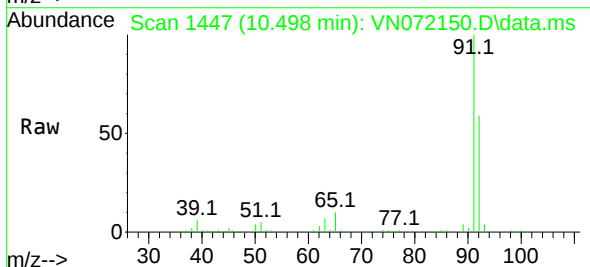
Manual Integrations
APPROVED

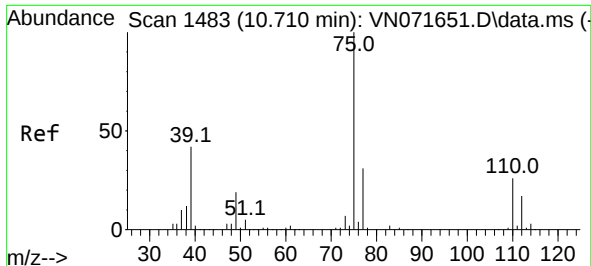
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#52
Toluene
Concen: 19.374 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

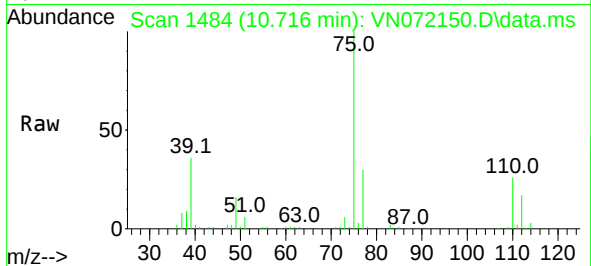
Tgt Ion: 92 Resp: 234197
Ion Ratio Lower Upper
92 100
91 173.6 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 19.073 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

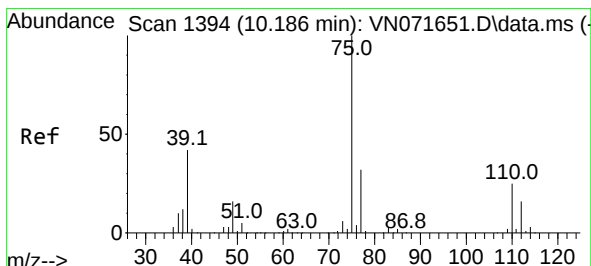
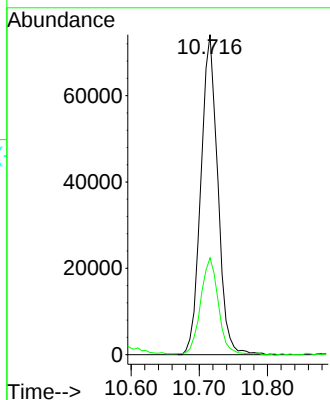
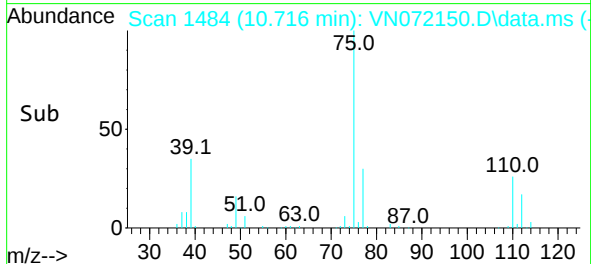
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01



Tgt Ion: 75 Resp: 12763
Ion Ratio Lower Upper
75 100
77 30.3 25.6 38.4

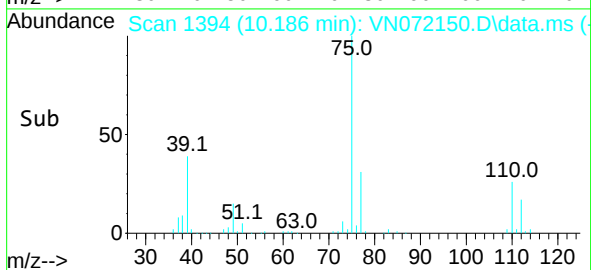
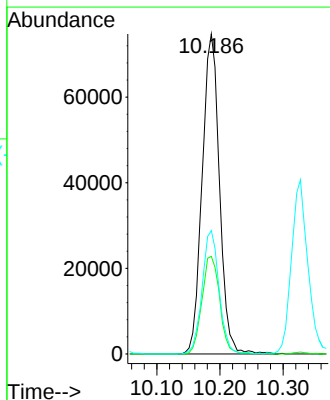
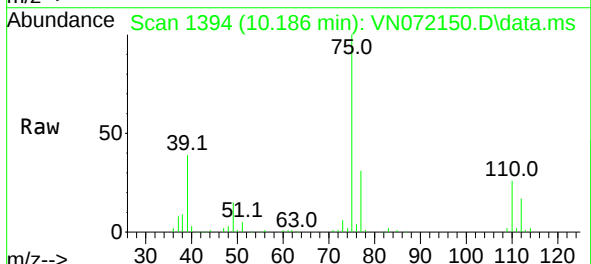
Manual Integrations
APPROVED

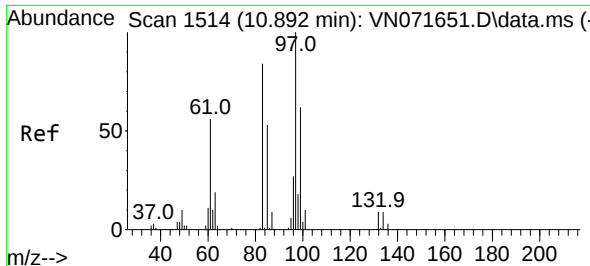
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#54
cis-1,3-Dichloropropene
Concen: 19.286 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

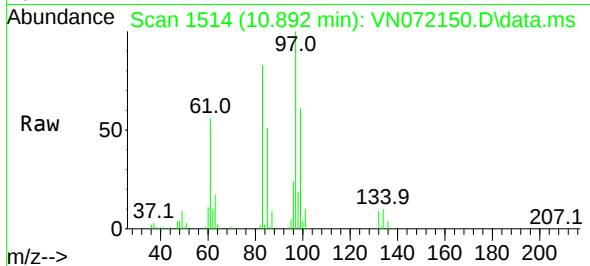
Tgt Ion: 75 Resp: 142600
Ion Ratio Lower Upper
75 100
77 30.5 25.2 37.8
39 38.6 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 20.325 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

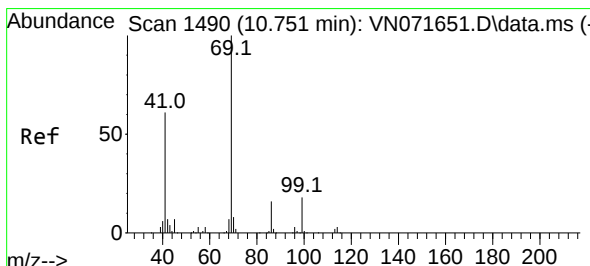
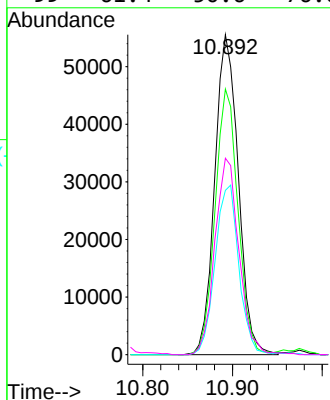
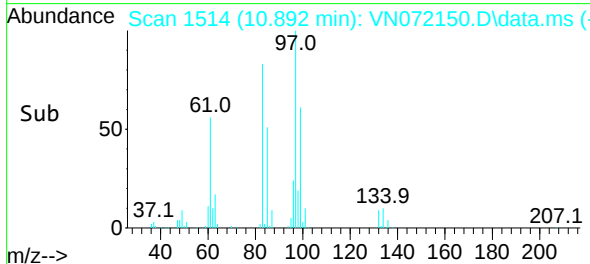
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01



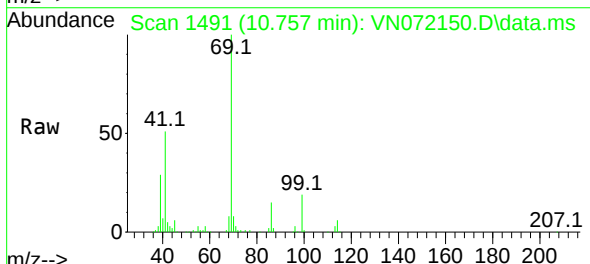
Tgt Ion:	97	Resp:	101119
Ion Ratio	100		
Lower	66.2		
Upper	99.4		
83	83.0	66.2	99.4
85	51.4	43.9	65.9
99	61.4	50.6	76.0

Manual Integrations
APPROVED

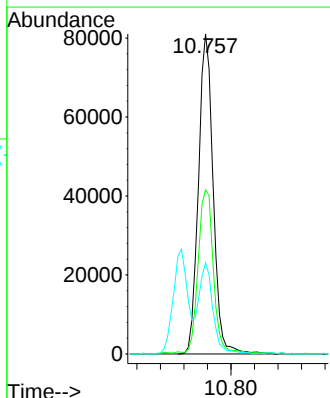
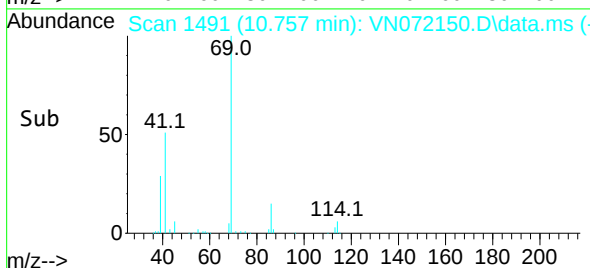
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

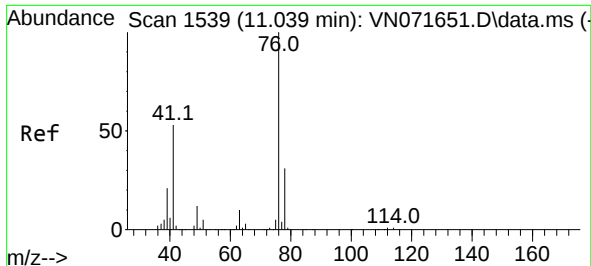


#56
Ethyl methacrylate
Concen: 19.822 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23



Tgt Ion:	69	Resp:	140686
Ion Ratio	100		
Lower	47.8		
Upper	71.6		
41	54.3	47.8	71.6
39	28.3	27.3	40.9





#57

1,3-Dichloropropane

Concen: 19.614 ug/l

RT: 11.039 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072150.D

Acq: 22 Apr 2022 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01

Tgt Ion: 76 Resp: 163150

Ion Ratio Lower Upper

76 100

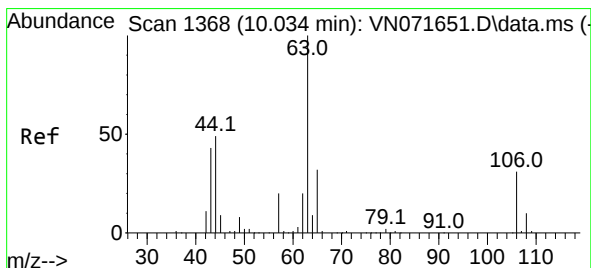
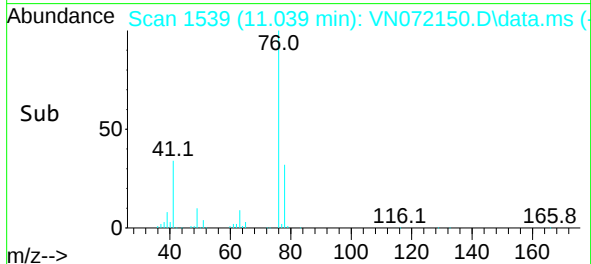
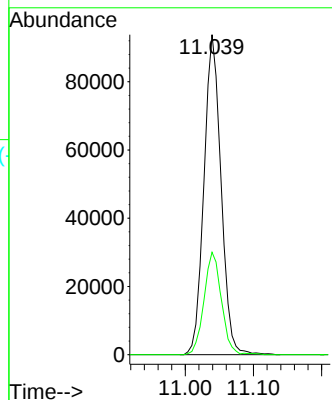
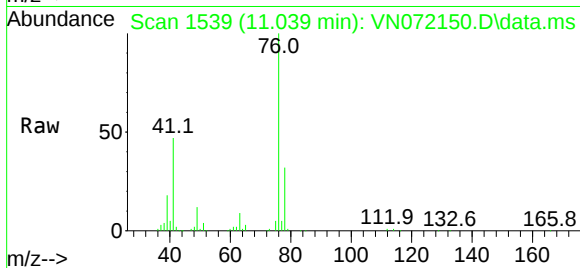
78 32.7 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#58

2-Chloroethyl Vinyl ether

Concen: 81.590 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.005 min

Lab File: VN072150.D

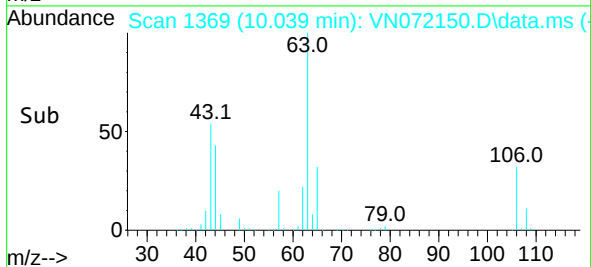
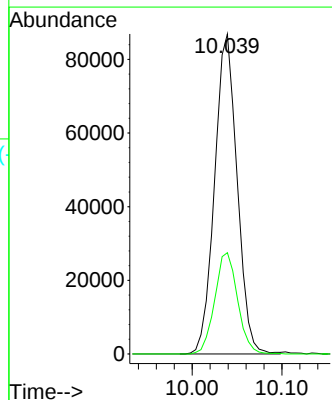
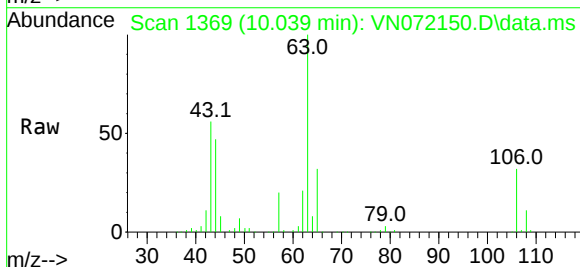
Acq: 22 Apr 2022 12:23

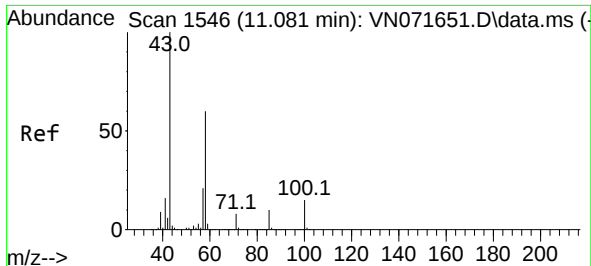
Tgt Ion: 63 Resp: 151483

Ion Ratio Lower Upper

63 100

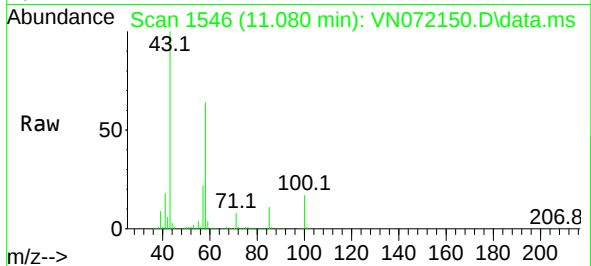
106 32.1 24.6 36.8





#59
2-Hexanone
Concen: 92.702 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

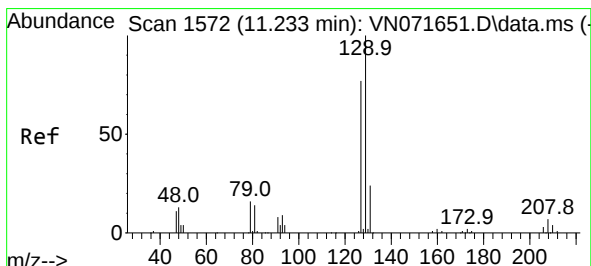
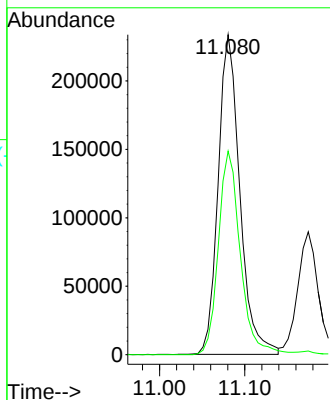
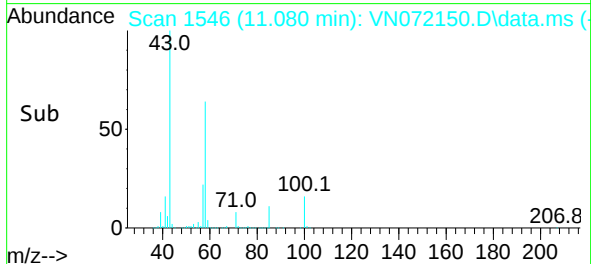
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01



Tgt Ion: 43 Resp: 41356
Ion Ratio Lower Upper
43 100
58 64.4 29.7 89.1

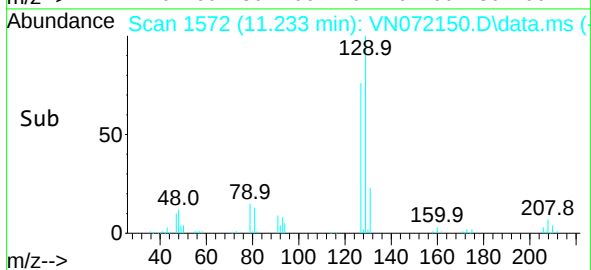
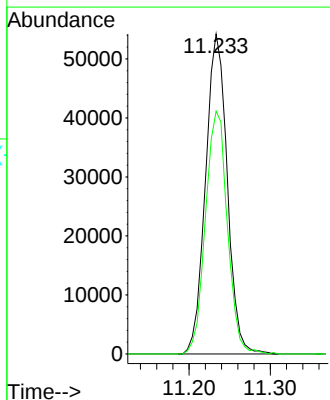
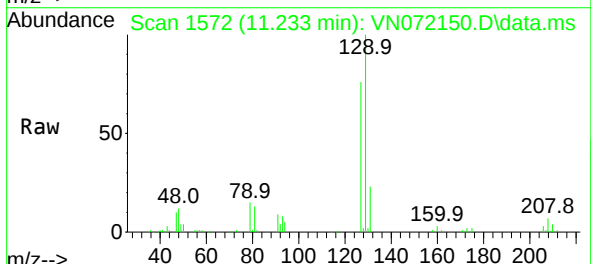
Manual Integrations
APPROVED

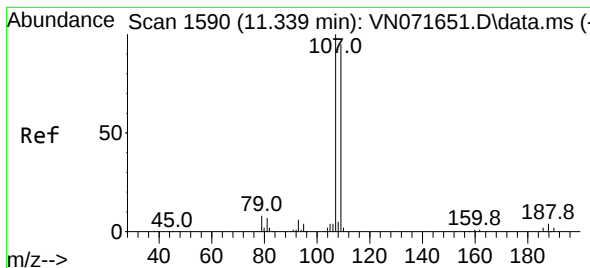
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#60
Dibromochloromethane
Concen: 20.741 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

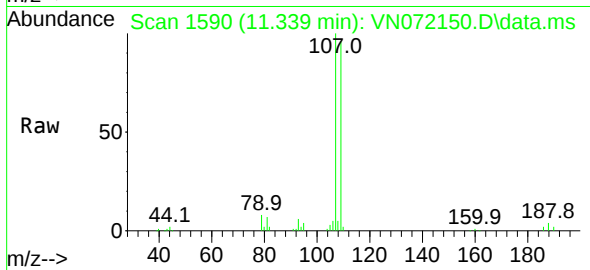
Tgt Ion:129 Resp: 100614
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.4





#61
1,2-Dibromoethane
Concen: 20.681 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

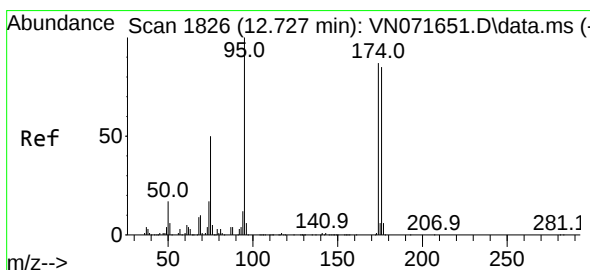
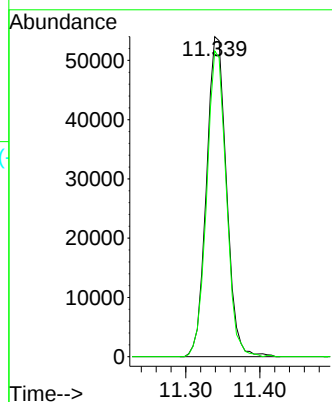
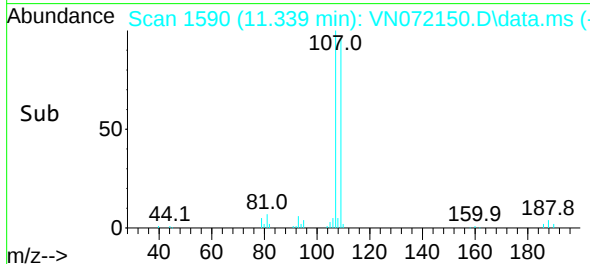
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01



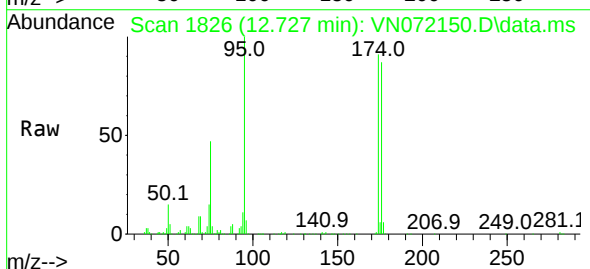
Tgt Ion:107 Resp: 101279
Ion Ratio Lower Upper
107 100
109 93.3 75.0 112.6

Manual Integrations
APPROVED

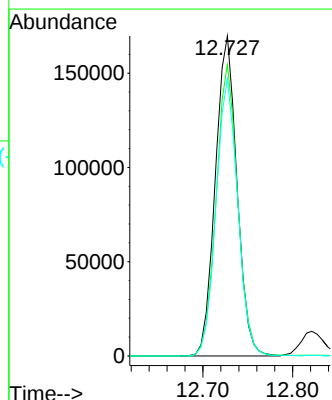
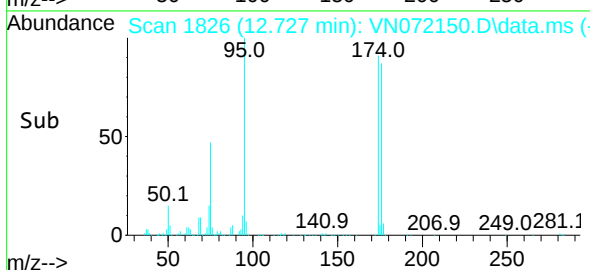
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

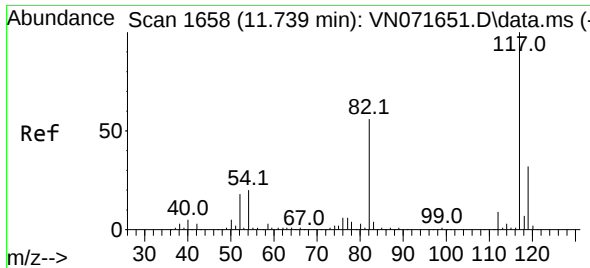


#62
4-Bromofluorobenzene
Concen: 49.530 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23



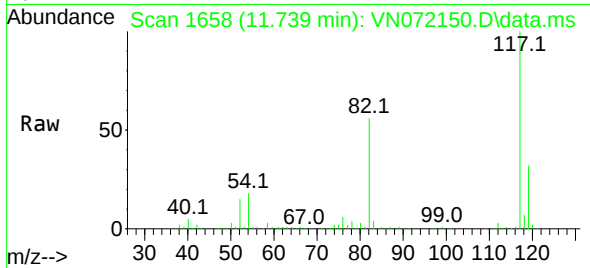
Tgt Ion: 95 Resp: 284071
Ion Ratio Lower Upper
95 100
174 90.6 0.0 167.6
176 86.7 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

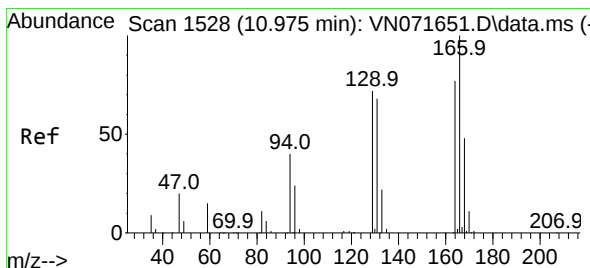
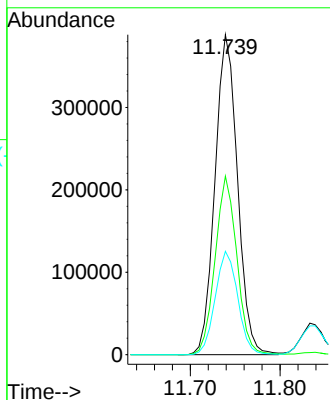
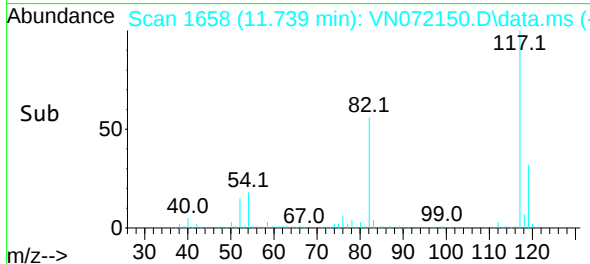
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01



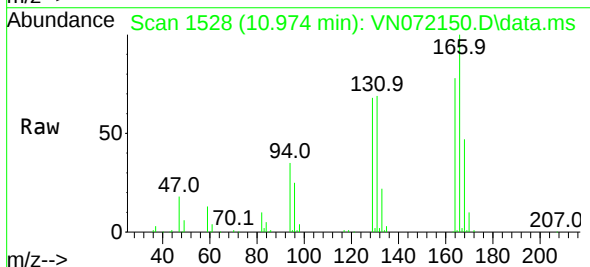
Tgt Ion:117 Resp: 677349
Ion Ratio Lower Upper
117 100
82 55.8 44.2 66.2
119 32.3 25.4 38.0

Manual Integrations
APPROVED

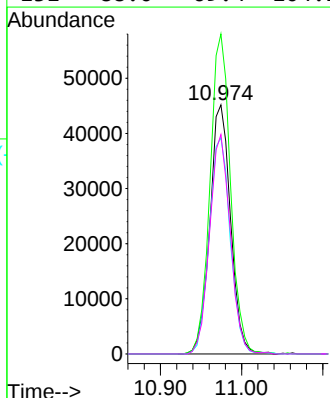
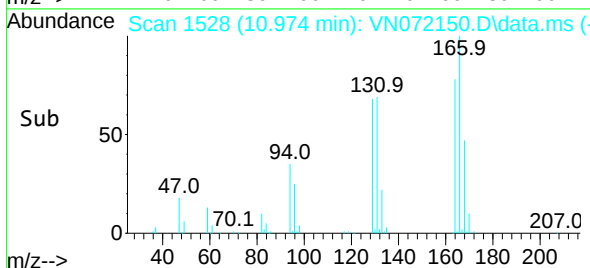
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

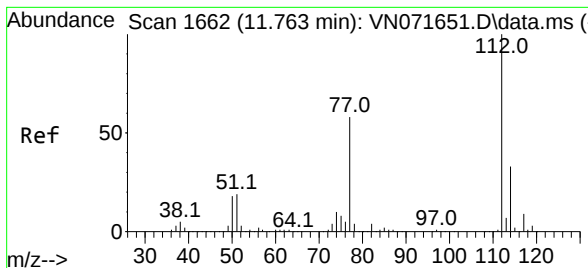


#64
Tetrachloroethene
Concen: 17.939 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. -0.001 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23



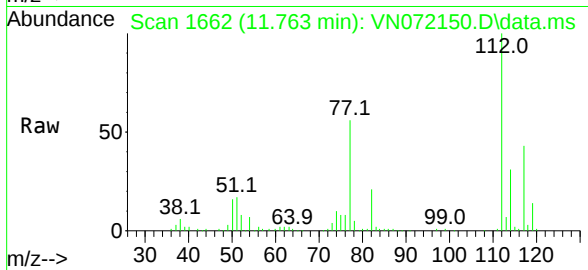
Tgt Ion:164 Resp: 80238
Ion Ratio Lower Upper
164 100
166 128.5 104.2 156.2
129 86.8 73.9 110.9
131 88.0 69.4 104.2





#65
Chlorobenzene
Concen: 18.608 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

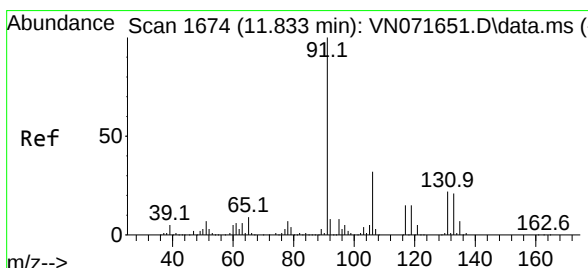
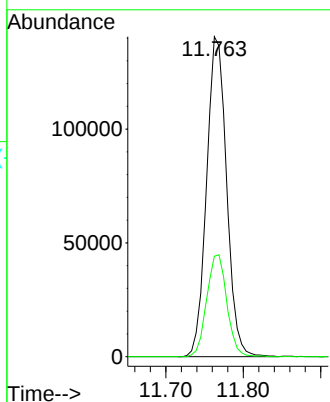
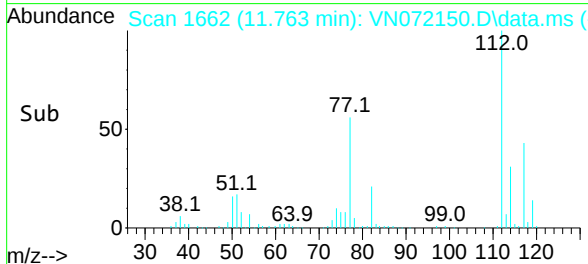
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01



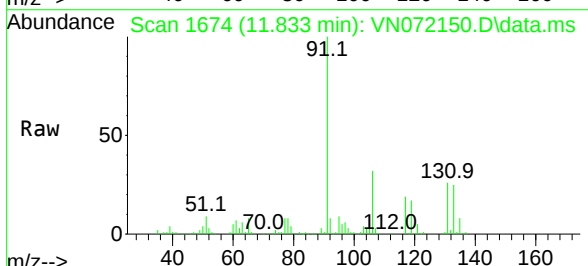
Tgt Ion:112 Resp: 25238
Ion Ratio Lower Upper
112 100
114 31.4 25.4 38.2

Manual Integrations
APPROVED

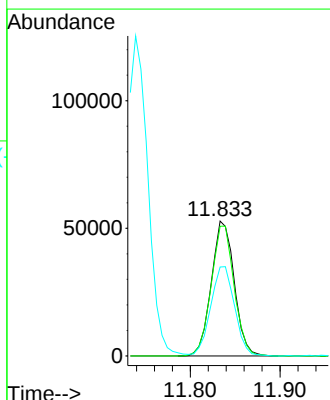
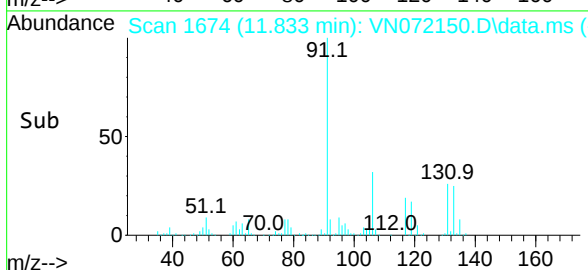
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

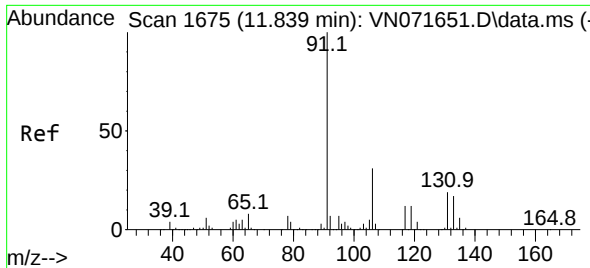


#66
1,1,1,2-Tetrachloroethane
Concen: 19.167 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23



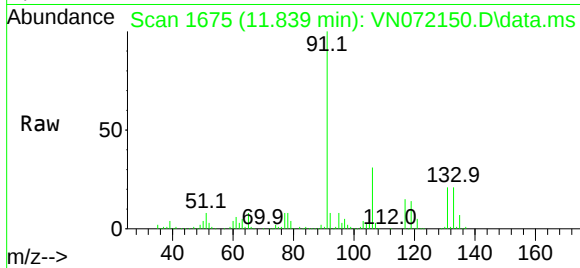
Tgt Ion:131 Resp: 93808
Ion Ratio Lower Upper
131 100
133 96.6 47.8 143.4
119 68.8 33.4 100.2





#67
Ethyl Benzene
Concen: 17.821 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

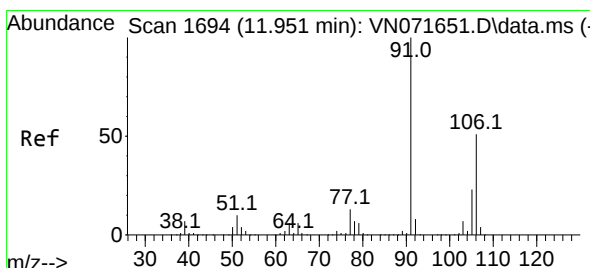
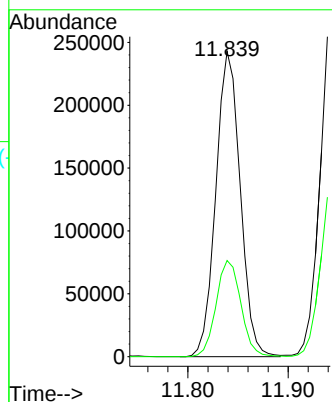
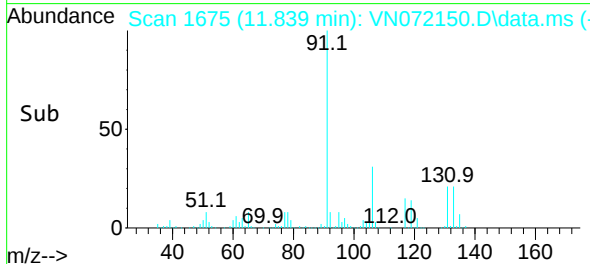
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01



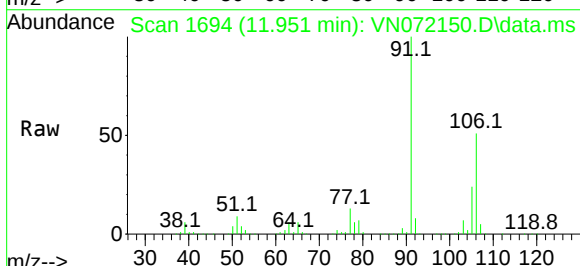
Tgt Ion: 91 Resp: 409184
Ion Ratio Lower Upper
91 100
106 31.5 24.9 37.3

Manual Integrations
APPROVED

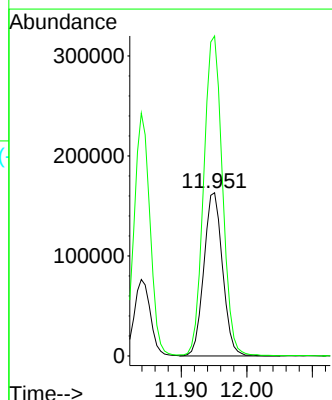
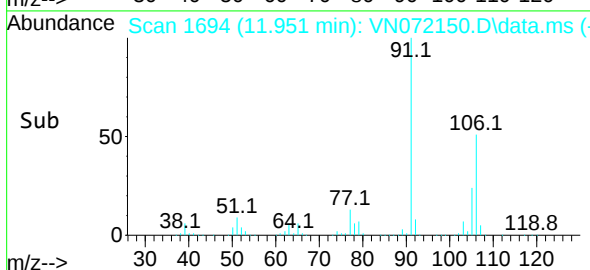
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

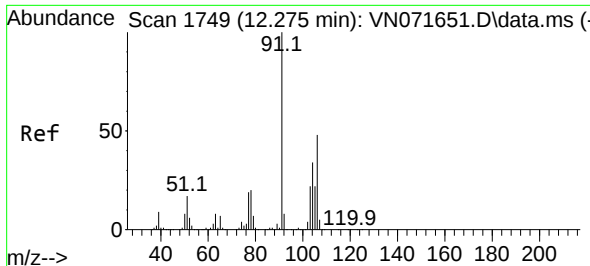


#68
m/p-Xylenes
Concen: 36.697 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23



Tgt Ion:106 Resp: 323739
Ion Ratio Lower Upper
106 100
91 196.8 158.9 238.3





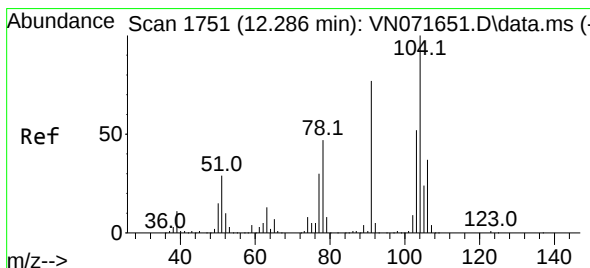
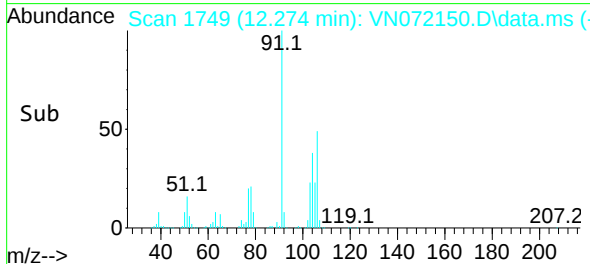
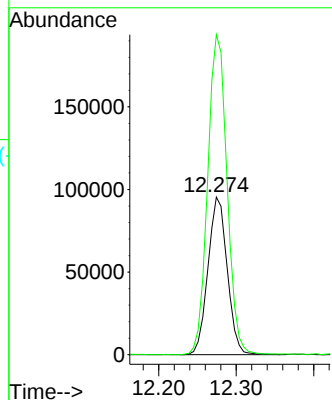
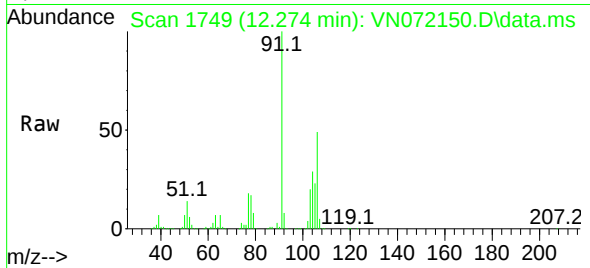
#69
o-Xylene
Concen: 18.812 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01

Tgt Ion:106 Resp: 164720
Ion Ratio Lower Upper
106 100
91 204.5 106.0 318.0

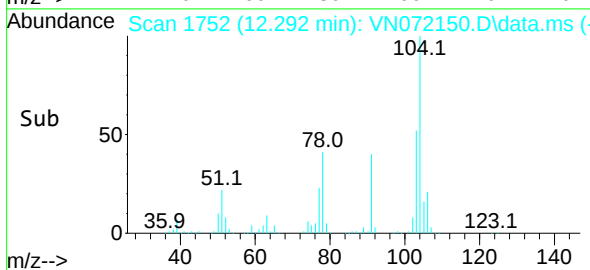
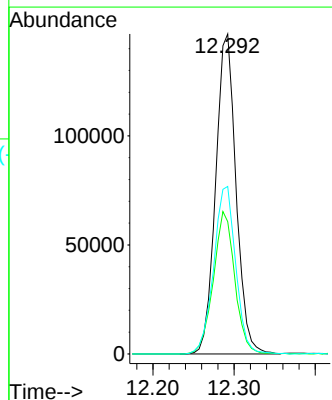
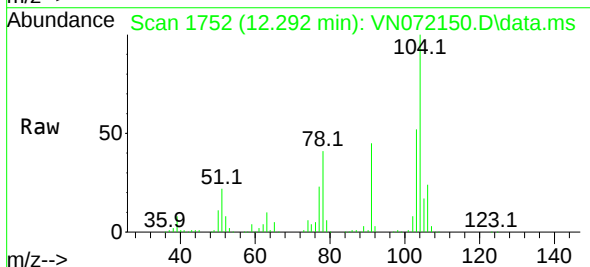
Manual Integrations
APPROVED

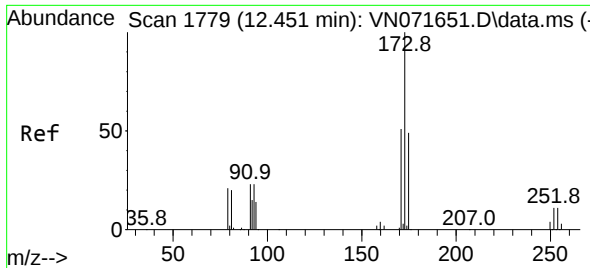
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#70
Styrene
Concen: 19.303 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

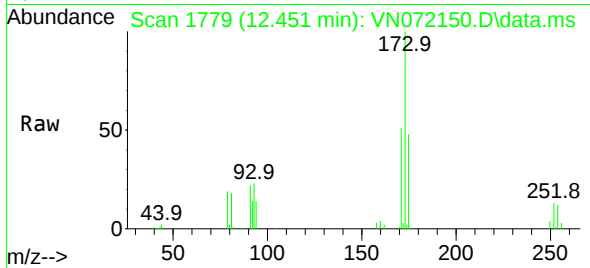
Tgt Ion:104 Resp: 256096
Ion Ratio Lower Upper
104 100
78 47.0 39.5 59.3
103 56.6 44.0 66.0





#71
Bromoform
Concen: 20.914 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

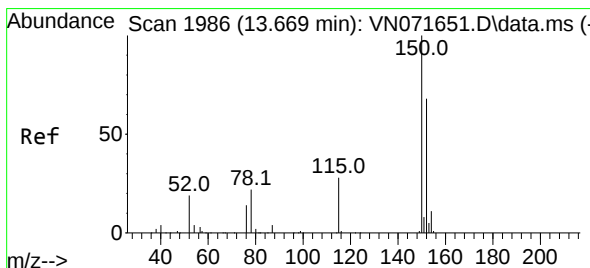
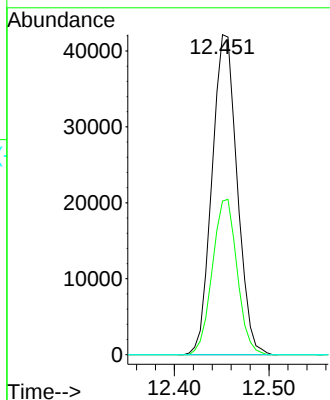
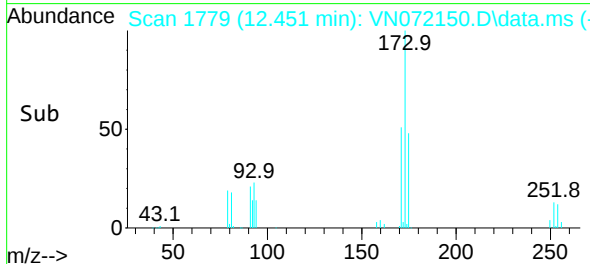
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01



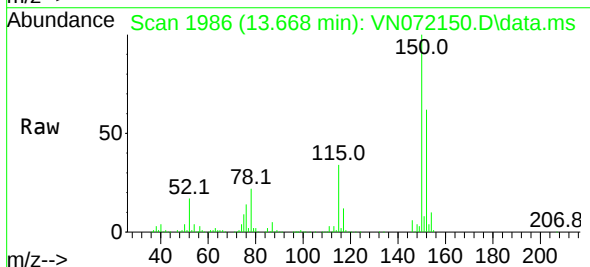
Tgt Ion:173 Resp: 77940
Ion Ratio Lower Upper
173 100
175 47.7 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

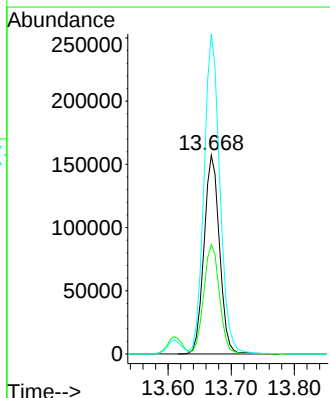
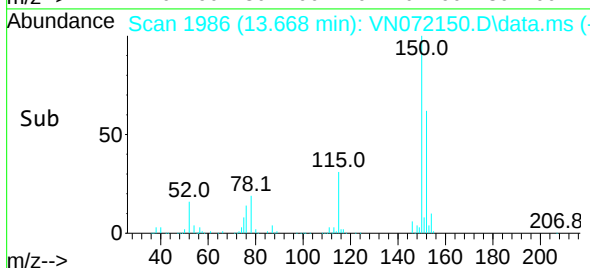
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

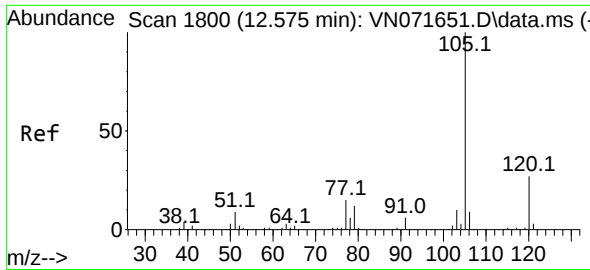


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23



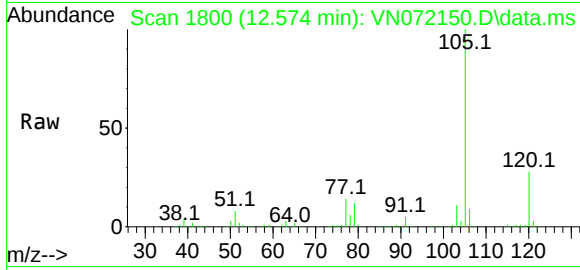
Tgt Ion:152 Resp: 267902
Ion Ratio Lower Upper
152 100
115 56.1 28.9 86.7
150 165.1 0.0 356.2





#73
Isopropylbenzene
Concen: 17.456 ug/l
RT: 12.574 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

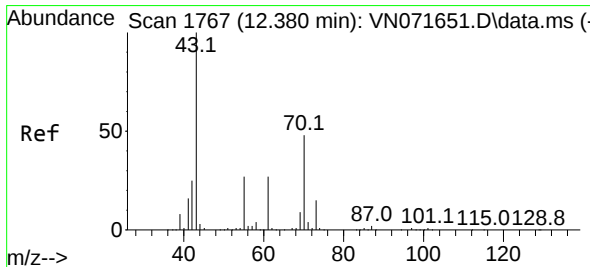
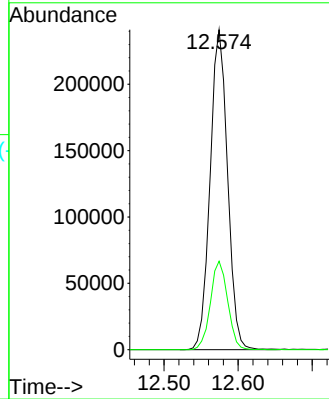
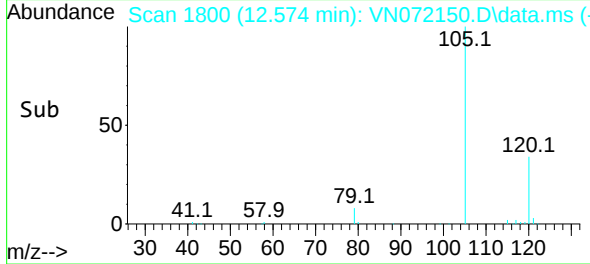
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01



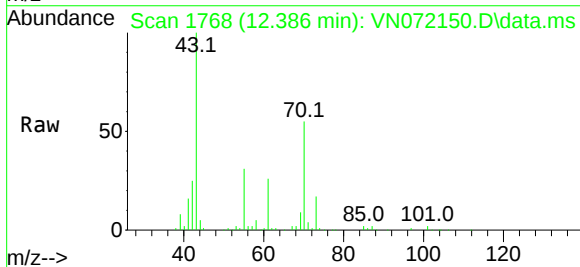
Tgt Ion:105 Resp: 394068
Ion Ratio Lower Upper
105 100
120 27.3 13.5 40.4

Manual Integrations
APPROVED

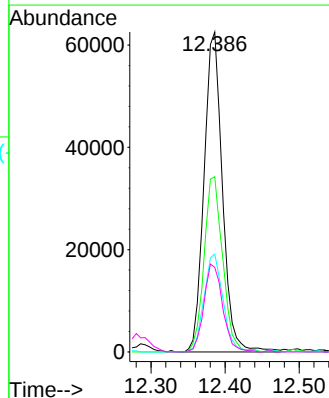
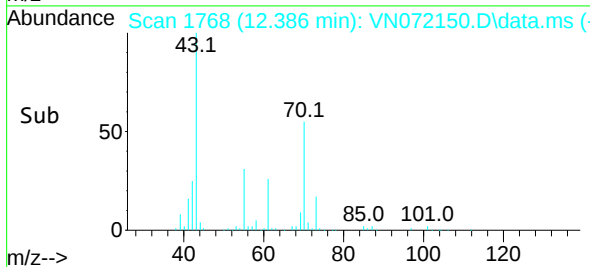
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

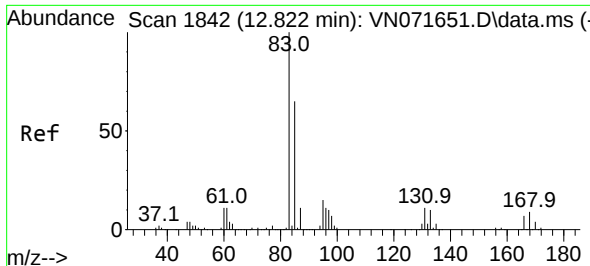


#74
N-ethyl acetate
Concen: 16.724 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23



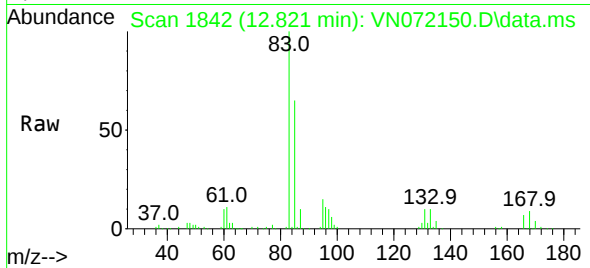
Tgt Ion: 43 Resp: 108178
Ion Ratio Lower Upper
43 100
70 55.3 39.0 58.4
55 31.6 21.1 31.7
61 28.0 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 19.521 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

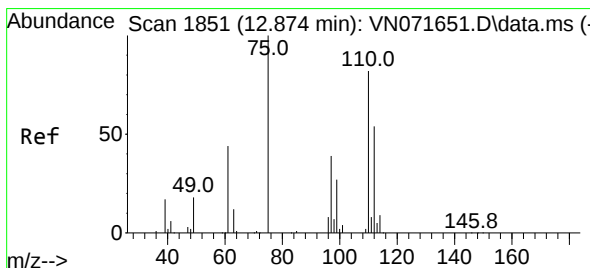
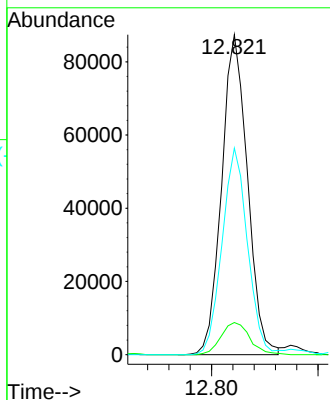
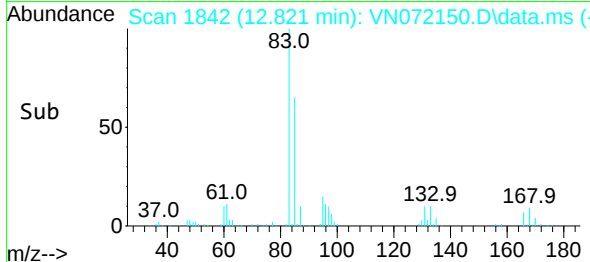
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01



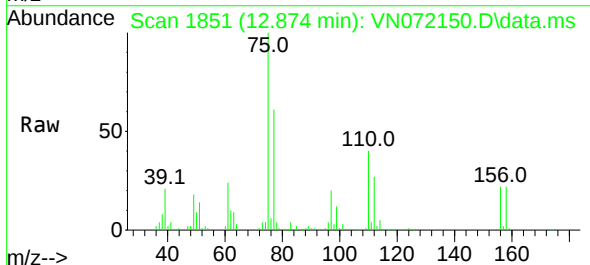
Tgt Ion: 83 Resp: 147040
Ion Ratio Lower Upper
83 100
131 11.2 5.3 15.9
85 63.8 32.3 96.9

Manual Integrations
APPROVED

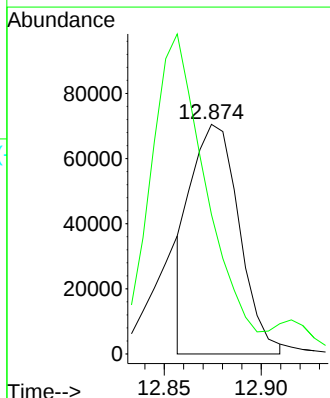
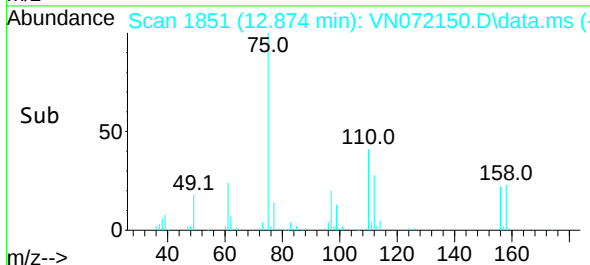
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

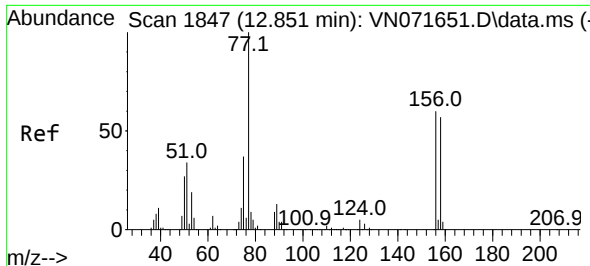


#76
1,2,3-Trichloropropane
Concen: 19.790 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23



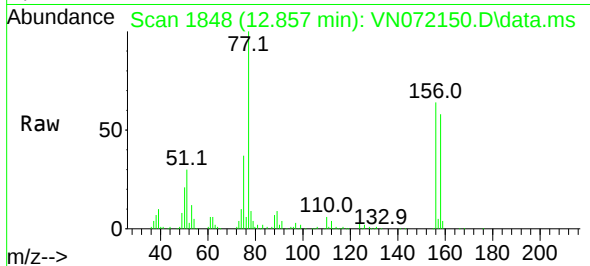
Tgt Ion: 75 Resp: 122821
Ion Ratio Lower Upper
75 100
77 161.5 98.5 295.5





#77
Bromobenzene
Concen: 18.707 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

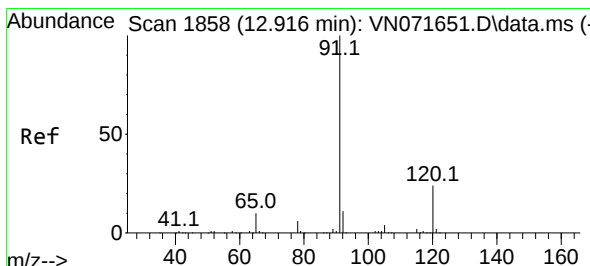
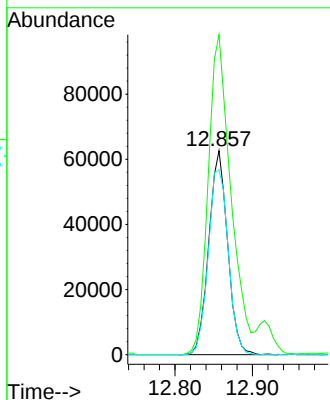
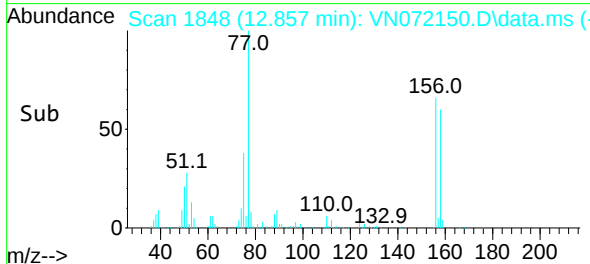
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01



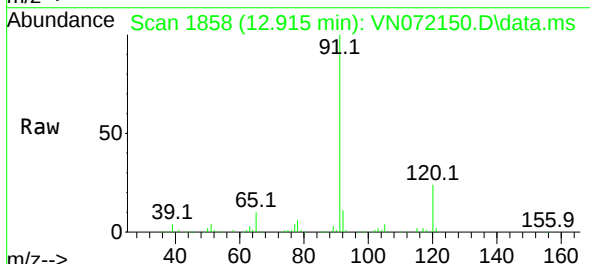
Tgt Ion:156 Resp: 105870
Ion Ratio Lower Upper
156 100
77 187.4 100.5 301.5
158 96.7 48.9 146.6

Manual Integrations
APPROVED

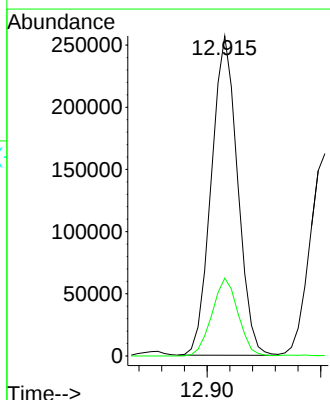
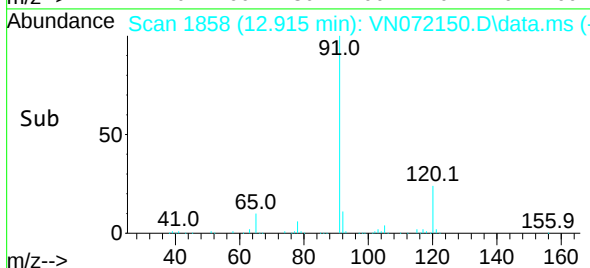
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

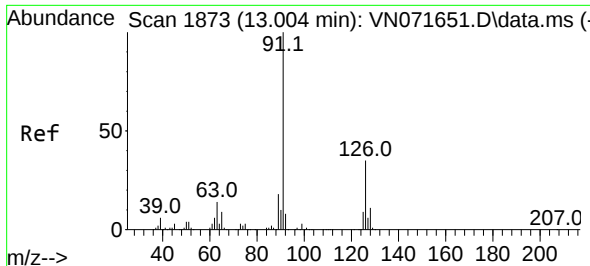


#78
n-propylbenzene
Concen: 17.346 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23



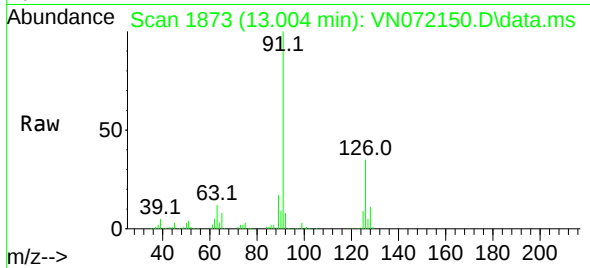
Tgt Ion: 91 Resp: 411921
Ion Ratio Lower Upper
91 100
120 24.2 11.9 35.5





#79
2-Chlorotoluene
Concen: 17.950 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

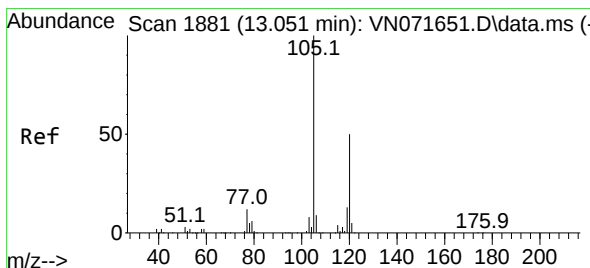
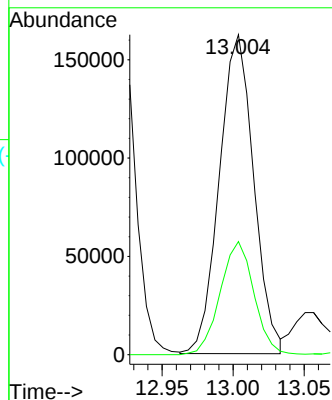
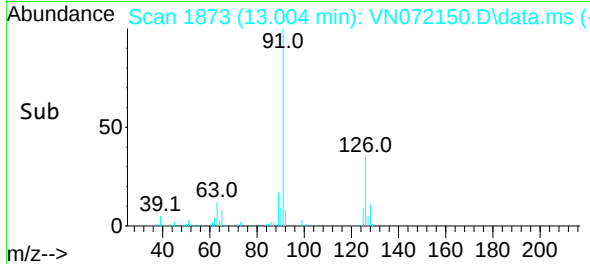
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01



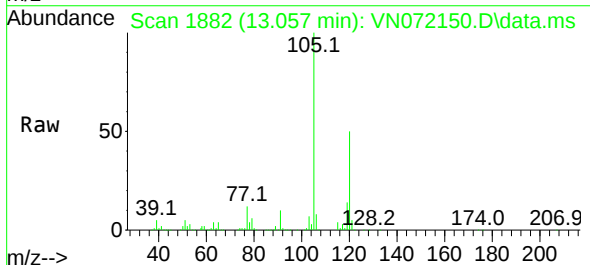
Tgt Ion: 91 Resp: 273372
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.9

Manual Integrations
APPROVED

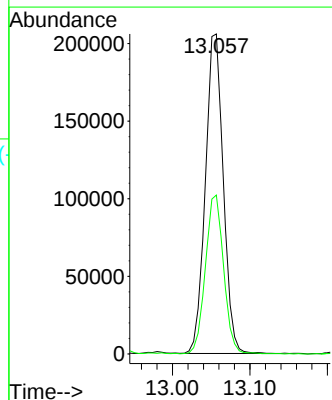
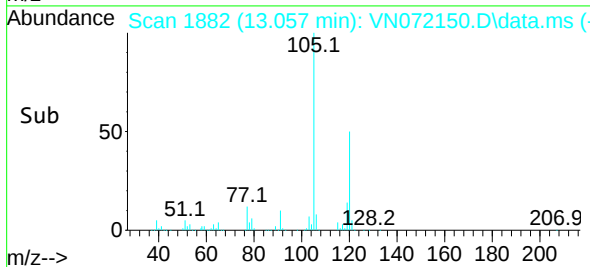
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

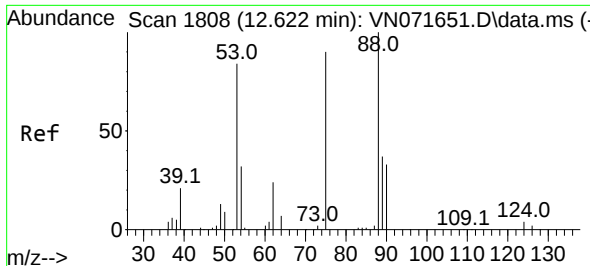


#80
1,3,5-Trimethylbenzene
Concen: 18.477 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23



Tgt Ion:105 Resp: 330502
Ion Ratio Lower Upper
105 100
120 50.7 24.9 74.7





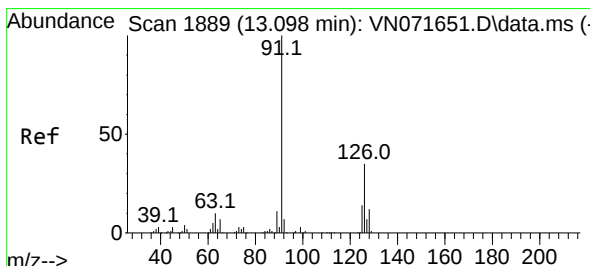
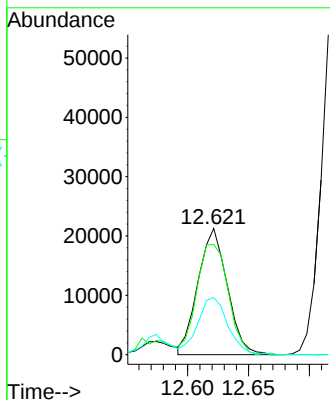
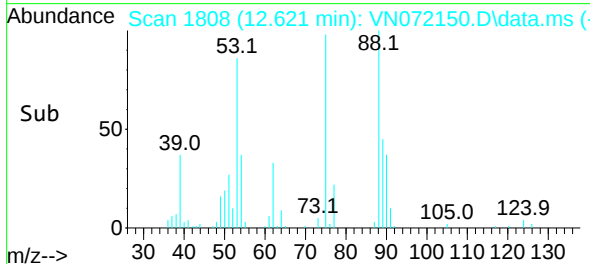
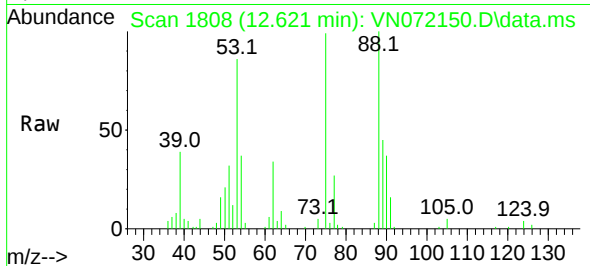
#81
trans-1,4-Dichloro-2-butene
Concen: 17.791 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01

Tgt Ion: 75 Resp: 35629
Ion Ratio Lower Upper
75 100
53 94.0 78.0 117.0
89 46.5 37.2 55.8

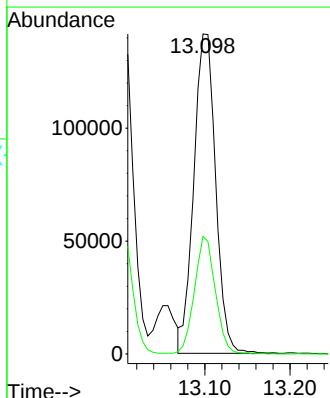
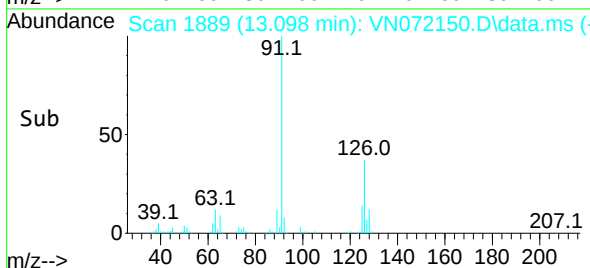
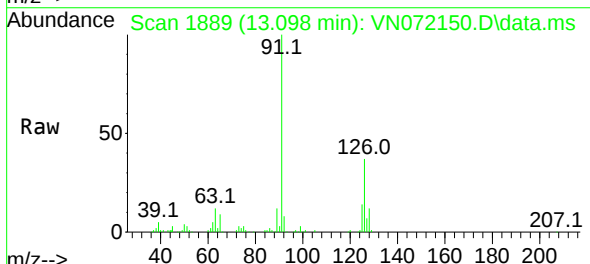
Manual Integrations
APPROVED

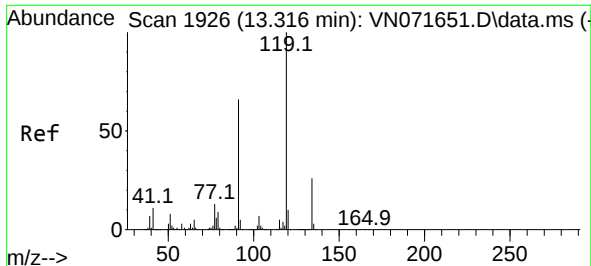
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#82
4-Chlorotoluene
Concen: 17.820 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

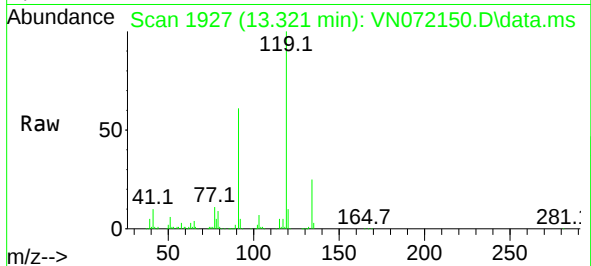
Tgt Ion: 91 Resp: 251557
Ion Ratio Lower Upper
91 100
126 35.4 17.2 51.6





#83
tert-Butylbenzene
Concen: 17.682 ug/l
RT: 13.321 min Scan# 1926
Delta R.T. 0.005 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

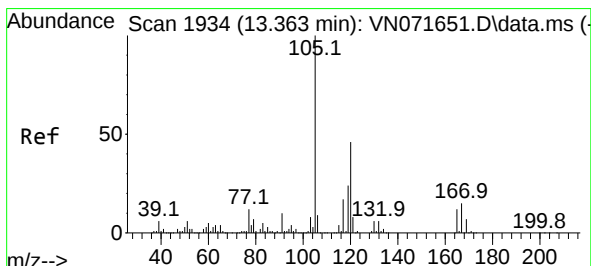
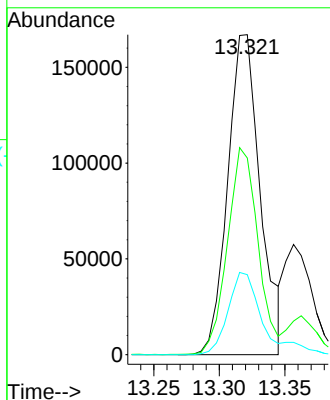
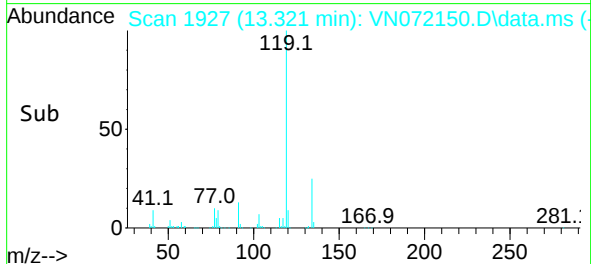
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01



Tgt Ion:119 Resp: 289100
Ion Ratio Lower Upper
119 100
91 60.9 31.6 94.8
134 27.2 13.7 41.1

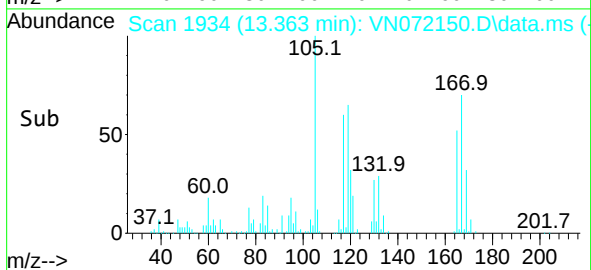
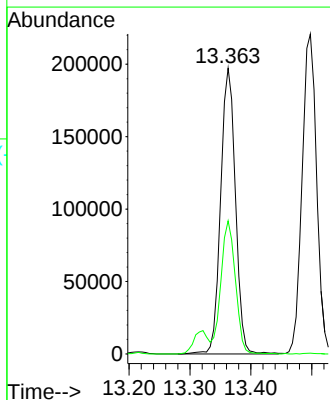
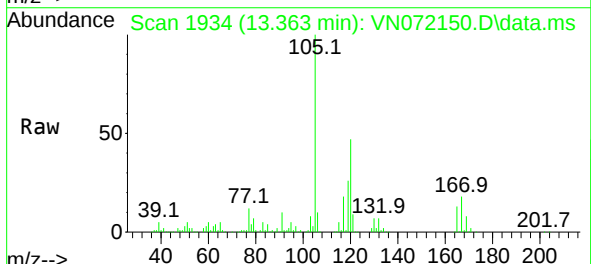
Manual Integrations
APPROVED

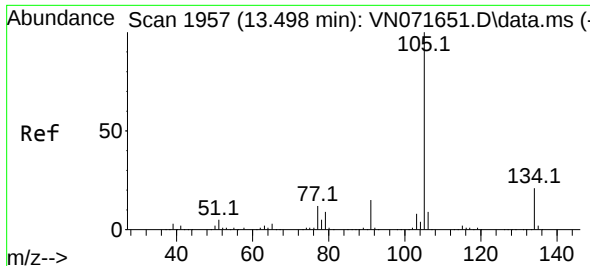
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022



#84
1,2,4-Trimethylbenzene
Concen: 19.087 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

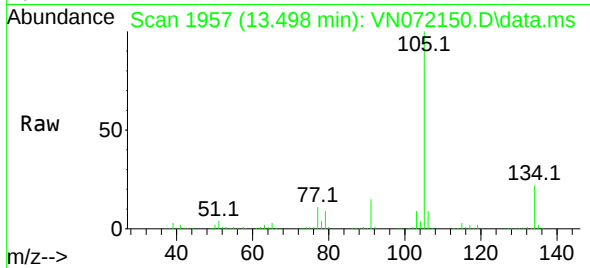
Tgt Ion:105 Resp: 333110
Ion Ratio Lower Upper
105 100
120 45.8 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 17.278 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072150.D
 Acq: 22 Apr 2022 12:23

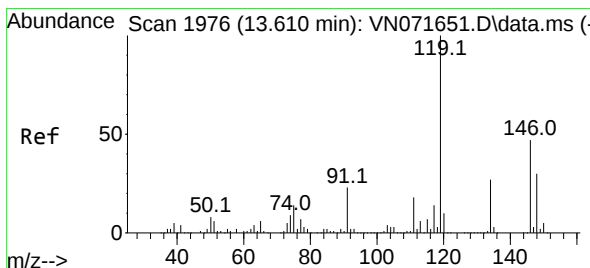
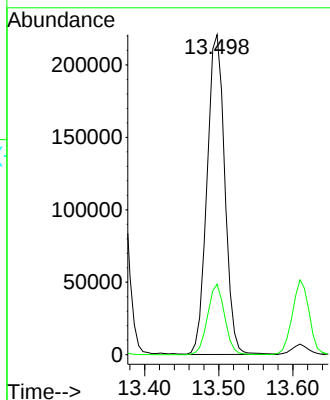
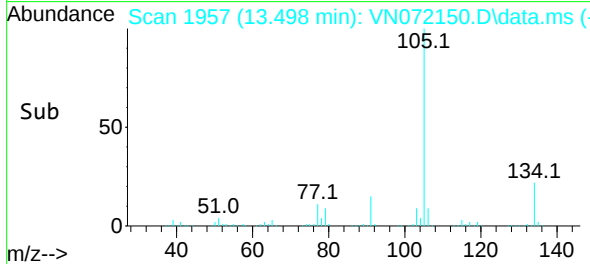
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBS01



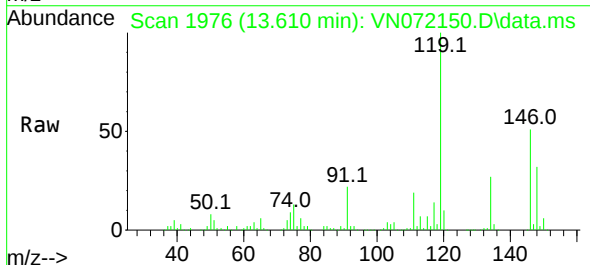
Tgt Ion:105 Resp: 366210
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.4 31.1

Manual Integrations
 APPROVED

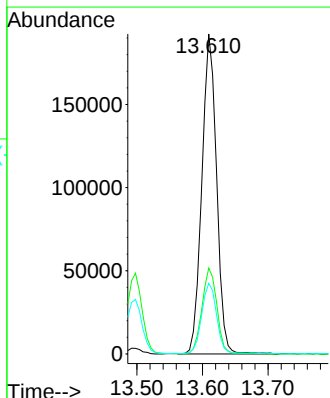
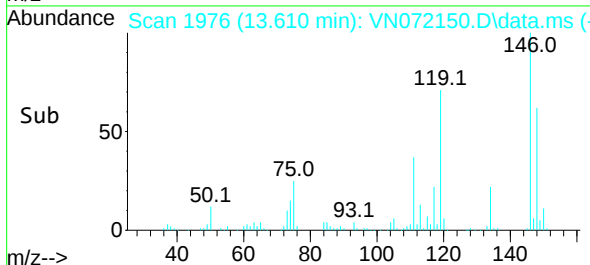
Reviewed By :John Carlone 04/25/2022
 Supervised By :Mahesh Dadoda 04/25/2022

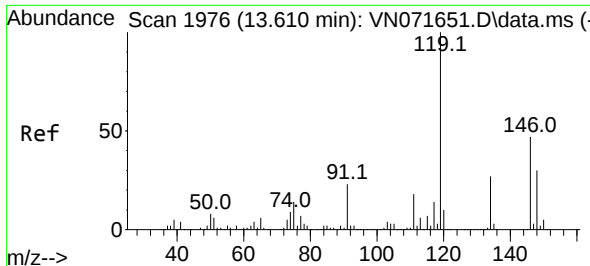


#86
 p-Isopropyltoluene
 Concen: 17.825 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072150.D
 Acq: 22 Apr 2022 12:23



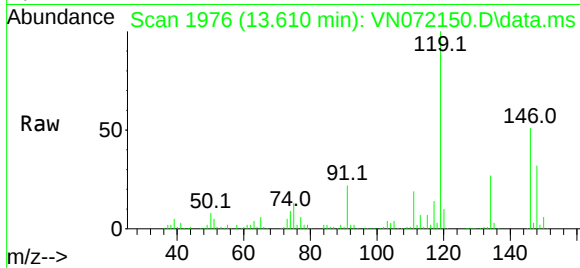
Tgt Ion:119 Resp: 301240
 Ion Ratio Lower Upper
 119 100
 134 27.3 13.3 39.8
 91 22.2 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 18.002 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

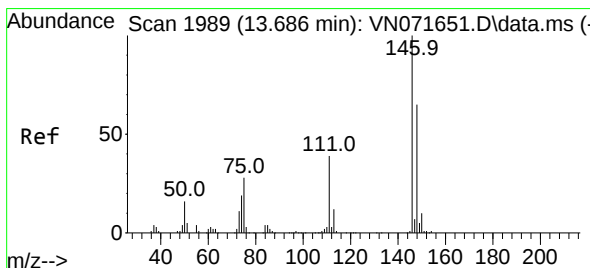
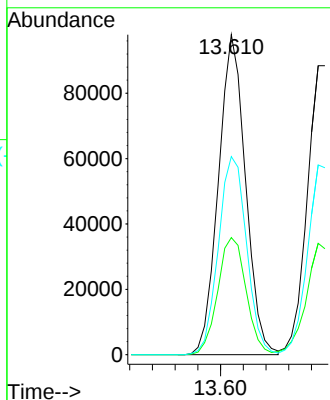
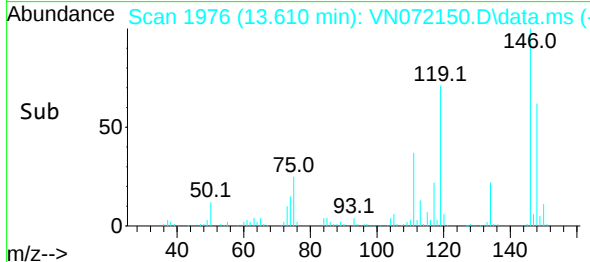
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01



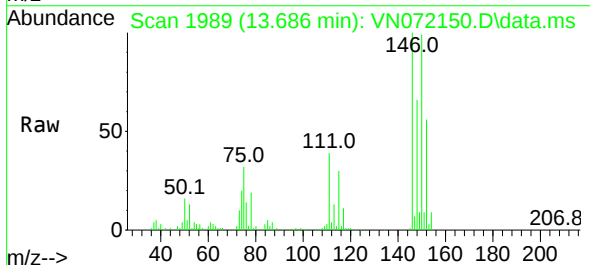
Tgt Ion:146 Resp: 162309
Ion Ratio Lower Upper
146 100
111 38.3 20.0 60.0
148 64.4 32.0 96.0

Manual Integrations
APPROVED

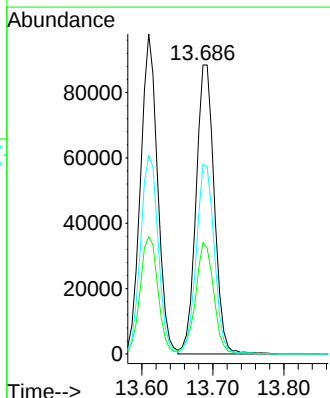
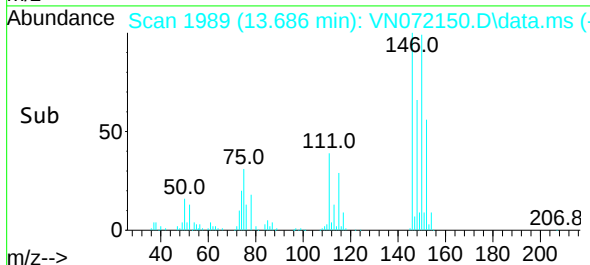
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

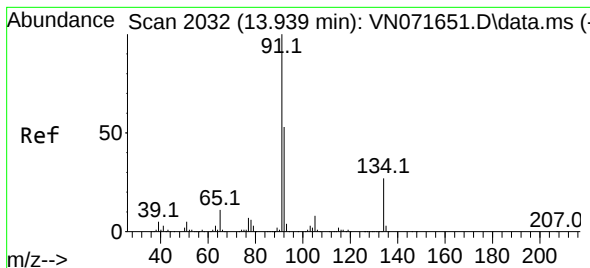


#88
1,4-Dichlorobenzene
Concen: 17.975 ug/l
RT: 13.686 min Scan# 1989
Delta R.T. 0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23



Tgt Ion:146 Resp: 158108
Ion Ratio Lower Upper
146 100
111 38.8 19.1 57.1
148 64.8 31.4 94.3





#89

n-Butylbenzene

Concen: 15.605 ug/l

RT: 13.939 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VN072150.D

Acq: 22 Apr 2022 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01

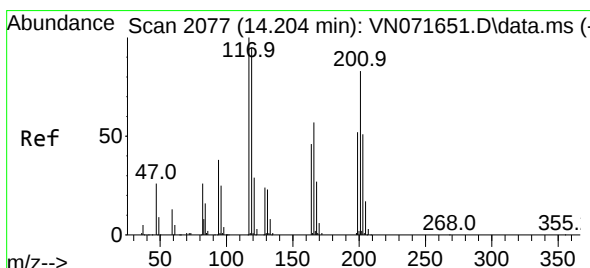
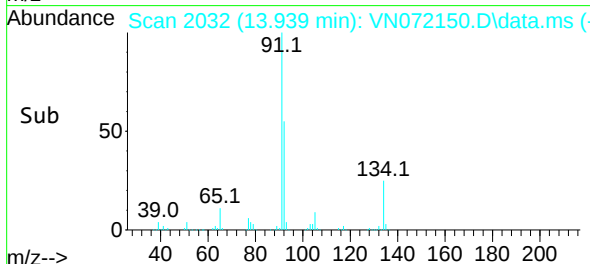
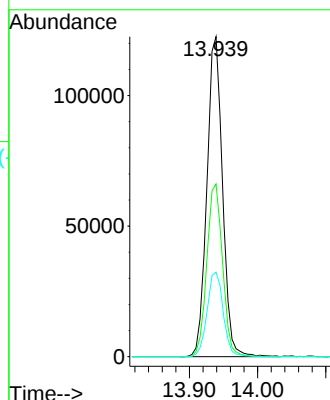
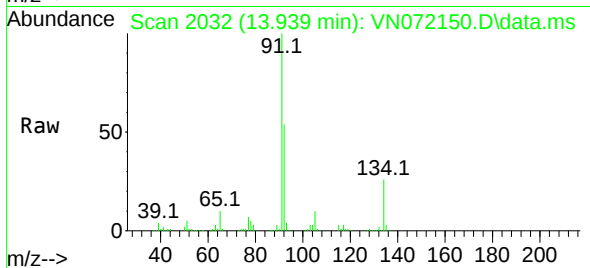
Tgt Ion:	91	Resp:	195594
Ion Ratio	Lower	Upper	
91	100		
92	54.3	26.9	80.7
134	27.2	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#90

Hexachloroethane

Concen: 18.050 ug/l

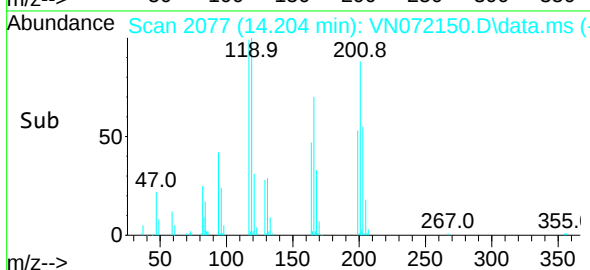
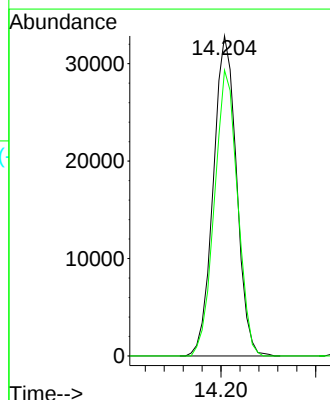
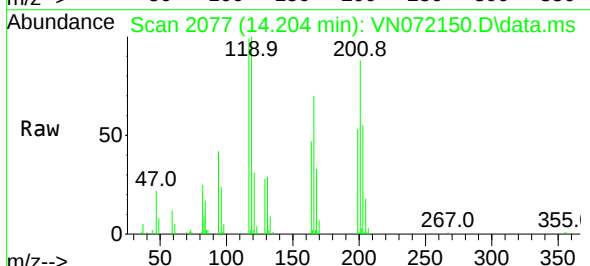
RT: 14.204 min Scan# 2077

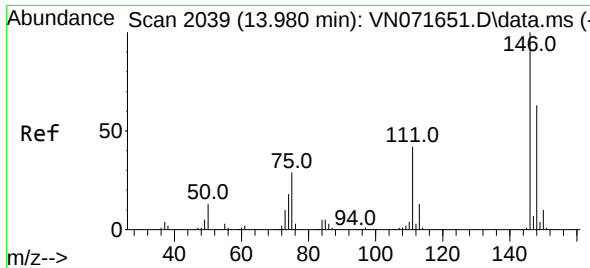
Delta R.T. -0.000 min

Lab File: VN072150.D

Acq: 22 Apr 2022 12:23

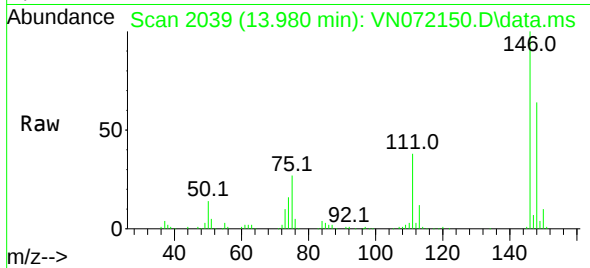
Tgt Ion:	117	Resp:	55839
Ion Ratio	Lower	Upper	
117	100		
201	88.9	40.6	122.0





#91
1,2-Dichlorobenzene
Concen: 18.676 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

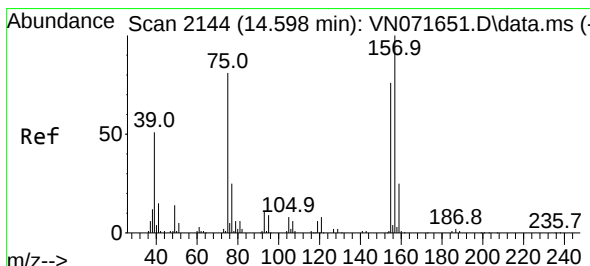
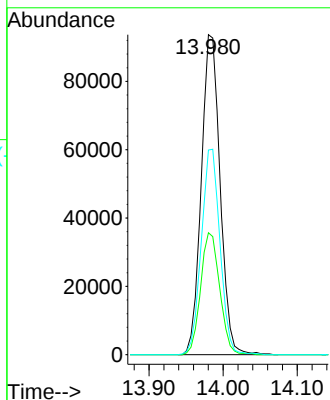
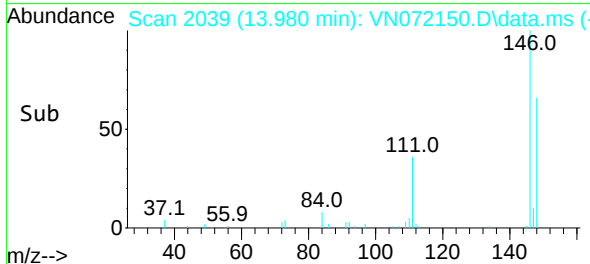
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01



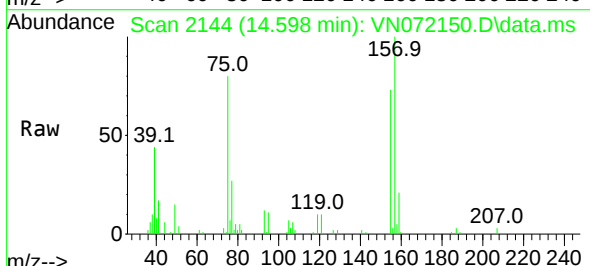
Tgt Ion:146 Resp: 165310
Ion Ratio Lower Upper
146 100
111 38.6 20.9 62.8
148 63.9 32.1 96.3

Manual Integrations
APPROVED

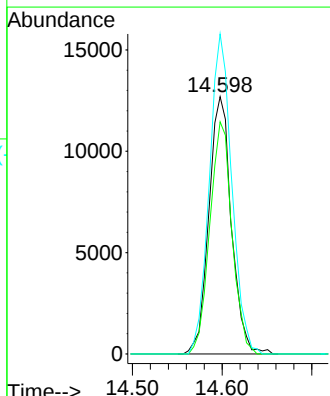
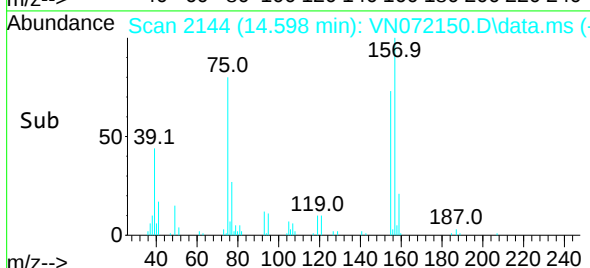
Reviewed By :John Carbone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

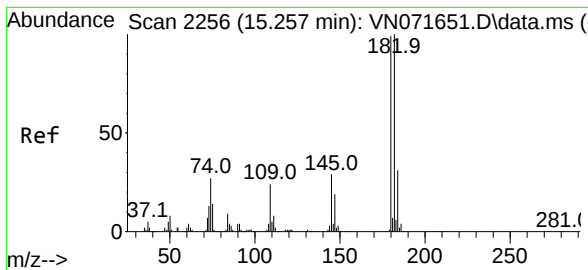


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.959 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23



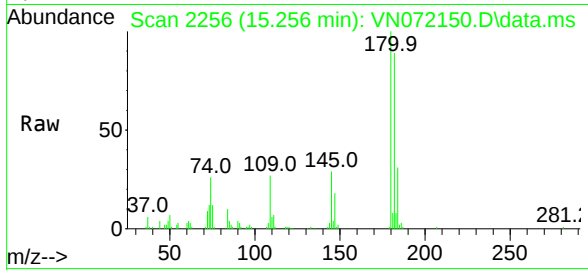
Tgt Ion: 75 Resp: 22151
Ion Ratio Lower Upper
75 100
155 88.3 44.9 134.5
157 123.9 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 16.848 ug/l
RT: 15.256 min Scan# 21
Delta R.T. -0.001 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23

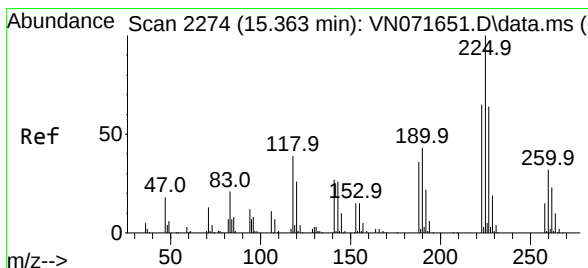
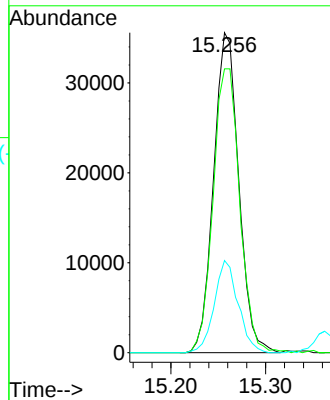
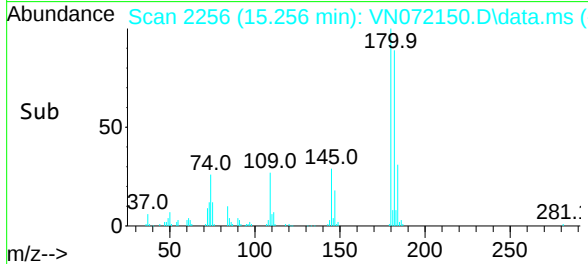
Instrument :
MSVOA_N
ClientSampleId :
VN0422WBS01



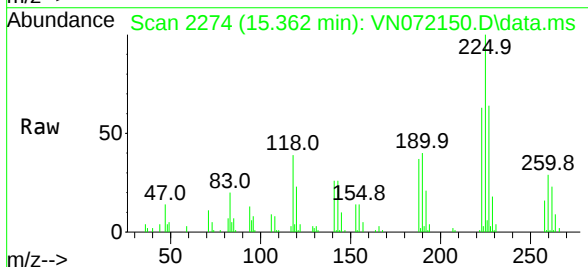
Tgt Ion:180 Resp: 6568
Ion Ratio Lower Upper
180 100
182 94.0 47.5 142.5
145 27.4 14.5 43.5

Manual Integrations
APPROVED

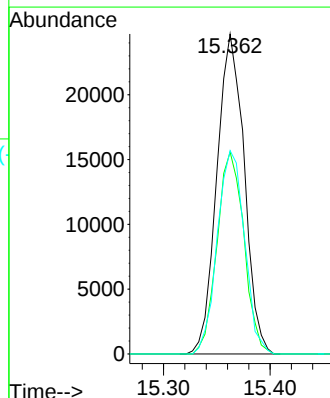
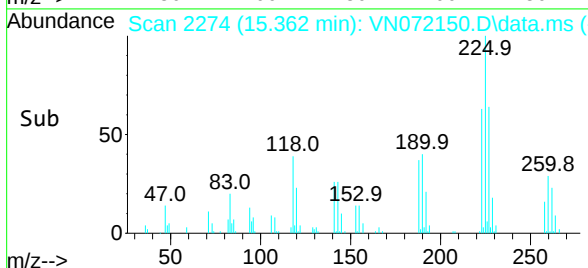
Reviewed By :John Carlone 04/25/2022
Supervised By :Mahesh Dadoda 04/25/2022

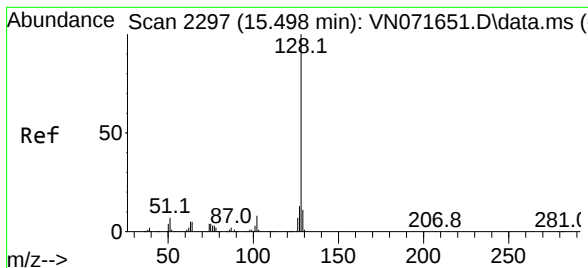


#94
Hexachlorobutadiene
Concen: 16.883 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.001 min
Lab File: VN072150.D
Acq: 22 Apr 2022 12:23



Tgt Ion:225 Resp: 44074
Ion Ratio Lower Upper
225 100
223 61.8 32.4 97.2
227 63.2 31.8 95.4





#95

Naphthalene

Concen: 16.346 ug/l

RT: 15.504 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VN072150.D

Acq: 22 Apr 2022 12:23

Instrument :

MSVOA_N

ClientSampleId :

VN0422WBS01

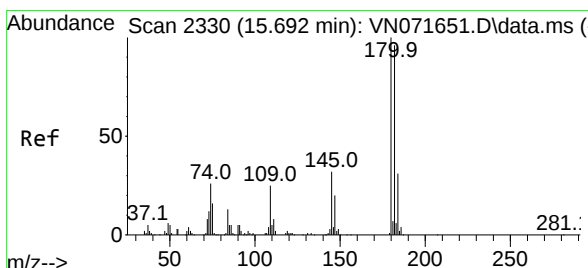
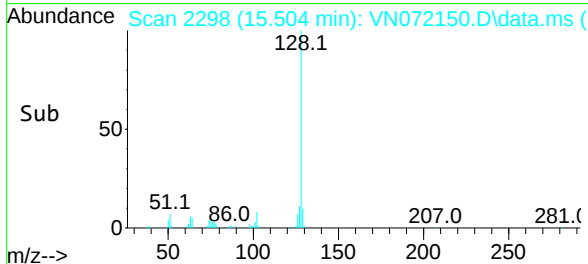
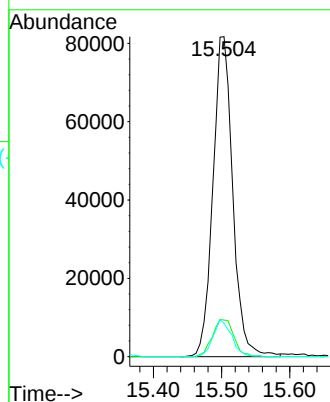
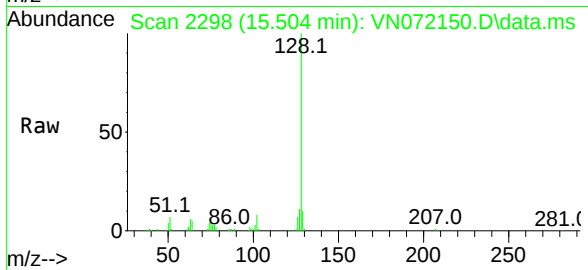
Tgt Ion:	128	Resp:	16561
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/25/2022

Supervised By :Mahesh Dadoda 04/25/2022



#96

1,2,3-Trichlorobenzene

Concen: 17.757 ug/l

RT: 15.692 min Scan# 2330

Delta R.T. -0.000 min

Lab File: VN072150.D

Acq: 22 Apr 2022 12:23

Tgt Ion:	180	Resp:	66584
Ion Ratio	Lower	Upper	
180	100		
182	95.8	47.8	143.3
145	30.2	15.5	46.5

