

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061322\
 Data File : VN072796.D
 Acq On : 13 Jun 2022 10:29
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/14/2022
 Supervised By :Mahesh Dadoda 06/14/2022

Quant Time: Jun 13 13:33:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061322W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 13 13:32:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	151078	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	275985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	276026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	111267	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.069	85	2714	1.378	ug/l	87
3) Chloromethane	2.299	50	3850	1.813	ug/l #	80
4) Vinyl Chloride	2.440	62	3297	1.863	ug/l	99
6) Chloroethane	3.010	64	2522	2.151	ug/l	98
7) Trichlorofluoromethane	3.369	101	4500	1.414	ug/l	86
8) Diethyl Ether	3.816	74	1697m	1.460	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.216	101	2667	1.533	ug/l #	83
12) 1,1-Dichloroethene	4.175	96	2499	1.554	ug/l #	67
14) Allyl chloride	4.828	41	5621	1.791	ug/l	89
15) Acrylonitrile	5.557	53	9644	8.117	ug/l #	90
16) Acetone	4.287	43	11736	10.875	ug/l #	84
17) Carbon Disulfide	4.522	76	6868	1.710	ug/l	98
18) Methyl Acetate	4.840	43	5709	1.849	ug/l #	77
19) Methyl tert-butyl Ether	5.616	73	10314	1.674	ug/l	98
20) Methylene Chloride	5.087	84	4182	2.053	ug/l	96
21) trans-1,2-Dichloroethene	5.598	96	2845	1.685	ug/l #	86
22) Diisopropyl ether	6.487	45	10573	1.626	ug/l #	82
23) Vinyl Acetate	6.428	43	46573	8.408	ug/l #	91
24) 1,1-Dichloroethane	6.387	63	5855	1.636	ug/l #	91
25) 2-Butanone	7.339	43	16111	9.396	ug/l #	89
26) 2,2-Dichloropropane	7.304	77	6319	2.065	ug/l #	69
27) cis-1,2-Dichloroethene	7.322	96	3300	1.580	ug/l	78
28) Bromochloromethane	7.657	49	2388	1.498	ug/l #	79
29) Tetrahydrofuran	7.686	42	9275	8.454	ug/l	92
30) Chloroform	7.816	83	5823	1.585	ug/l	92
32) 1,1,1-Trichloroethane	8.004	97	5487	1.646	ug/l	94
36) 1,1-Dichloropropene	8.210	75	4583	1.637	ug/l	93
37) Ethyl Acetate	7.410	43	6696	1.861	ug/l #	87
38) Carbon Tetrachloride	8.204	117	4298	1.380	ug/l #	82
39) Methylcyclohexane	9.457	83	4985	1.592	ug/l #	91
40) Benzene	8.457	78	12269	1.456	ug/l	92
41) Methacrylonitrile	7.645	41	2698	1.481	ug/l	88
42) 1,2-Dichloroethane	8.528	62	5203	1.503	ug/l	92
43) Isopropyl Acetate	8.557	43	9379	1.686	ug/l #	86
44) Trichloroethene	9.210	130	2728	1.299	ug/l	46
45) 1,2-Dichloropropane	9.486	63	3536	1.617	ug/l #	77

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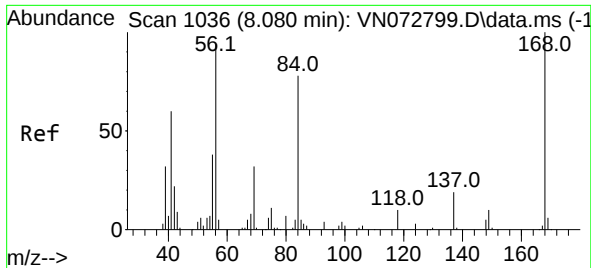
Manual Integrations
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Quant Time: Jun 13 13:33:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061322W.M
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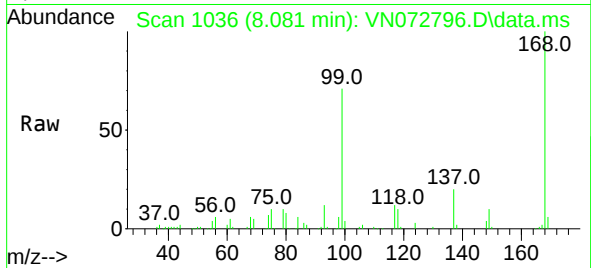
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.575	93	2214	1.450	ug/l #	77
47) Bromodichloromethane	9.757	83	4215	1.348	ug/l #	98
48) Methyl methacrylate	9.557	41	4213	1.649	ug/l #	78
49) 1,4-Dioxane	9.575	88	1081	24.050	ug/l #	69
51) 4-Methyl-2-Pentanone	10.328	43	26760	7.565	ug/l	93
52) Toluene	10.498	92	7040	1.350	ug/l	88
53) t-1,3-Dichloropropene	10.710	75	4235	1.318	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	4885	1.439	ug/l #	74
55) 1,1,2-Trichloroethane	10.892	97	3107	1.410	ug/l #	91
56) Ethyl methacrylate	10.751	69	4867	1.482	ug/l #	76
57) 1,3-Dichloropropane	11.039	76	5651	1.500	ug/l	94
58) 2-Chloroethyl Vinyl ether	10.039	63	8575	9.732	ug/l	98
59) 2-Hexanone	11.080	43	19196	7.578	ug/l	91
60) Dibromochloromethane	11.239	129	2923	1.253	ug/l	100
61) 1,2-Dibromoethane	11.339	107	2836	1.293	ug/l	93
64) Tetrachloroethene	10.969	164	2343	1.162	ug/l #	75
65) Chlorobenzene	11.769	112	8107	1.371	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	2867	1.207	ug/l #	57
67) Ethyl Benzene	11.845	91	13901	1.345	ug/l	91
68) m/p-Xylenes	11.951	106	9920	2.572	ug/l	91
69) o-Xylene	12.274	106	4840	1.268	ug/l	83
70) Styrene	12.292	104	7103	1.209	ug/l	93
71) Bromoform	12.457	173	1811	1.043	ug/l #	91
73) Isopropylbenzene	12.574	105	12632	1.334	ug/l	94
74) N-amyl acetate	12.392	43	5118	1.402	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.821	83	4575	1.303	ug/l #	93
76) 1,2,3-Trichloropropane	12.874	75	4515m	1.455	ug/l	
77) Bromobenzene	12.863	156	2594	1.176	ug/l	75
78) n-propylbenzene	12.916	91	12528	1.228	ug/l	97
79) 2-Chlorotoluene	13.004	91	8714	1.307	ug/l	95
80) 1,3,5-Trimethylbenzene	13.057	105	9690	1.258	ug/l	95
82) 4-Chlorotoluene	13.098	91	7704	1.223	ug/l	96
83) tert-Butylbenzene	13.321	119	9045	1.339	ug/l	90
84) 1,2,4-Trimethylbenzene	13.368	105	8698	1.155	ug/l	96
85) sec-Butylbenzene	13.498	105	10878	1.198	ug/l	92
86) p-Isopropyltoluene	13.610	119	7493	1.064	ug/l	92
87) 1,3-Dichlorobenzene	13.610	146	4249	1.115	ug/l	89
88) 1,4-Dichlorobenzene	13.686	146	4230m	1.111	ug/l	
89) n-Butylbenzene	13.939	91	6663	1.211	ug/l	94
90) Hexachloroethane	14.215	117	2022	1.404	ug/l	67
91) 1,2-Dichlorobenzene	13.986	146	4269	1.121	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.598	75	769	1.220	ug/l	84
93) 1,2,4-Trichlorobenzene	15.268	180	1477	1.005	ug/l	94
94) Hexachlorobutadiene	15.368	225	919	0.983	ug/l	84
95) Naphthalene	15.504	128	5455	1.196	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.698	180	1556	1.047	ug/l	81

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

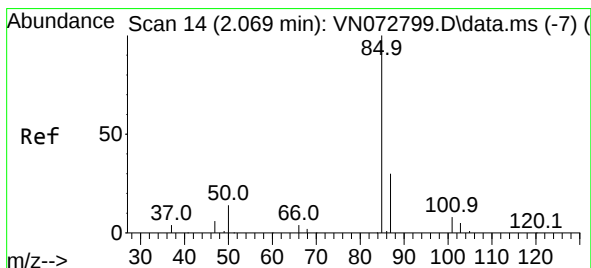
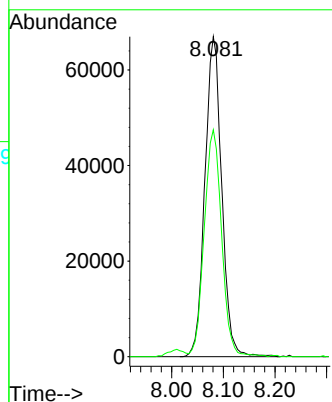
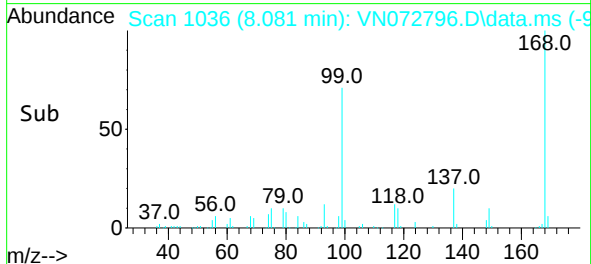
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:168 Resp: 151078
Ion Ratio Lower Upper
168 100
99 70.9 42.3 63.5

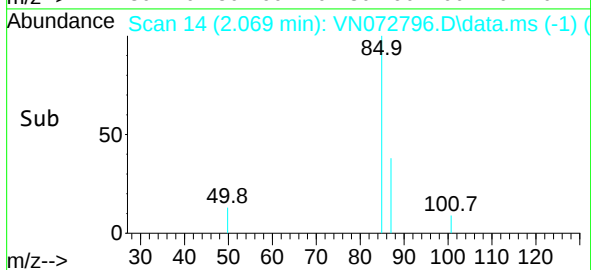
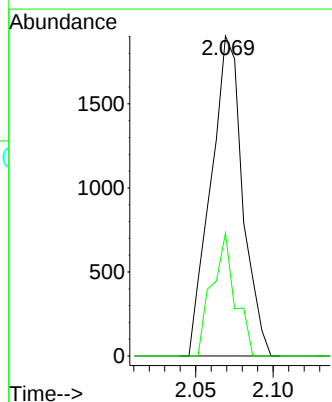
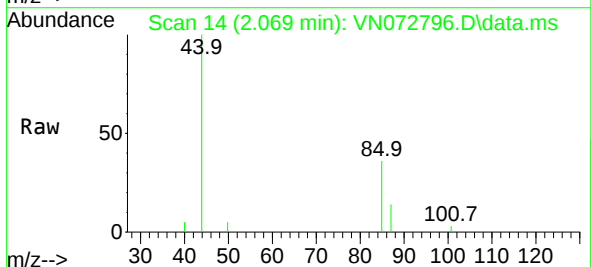
Manual Integrations
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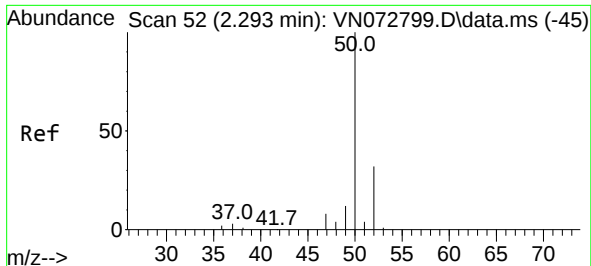
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#2
Dichlorodifluoromethane
Concen: 1.378 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

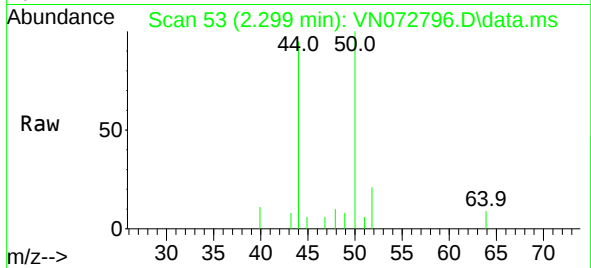
Tgt Ion: 85 Resp: 2714
Ion Ratio Lower Upper
85 100
87 38.4 15.7 47.1





#3
Chloromethane
Concen: 1.813 ug/l
RT: 2.299 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

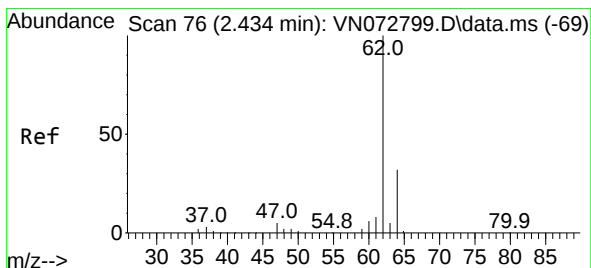
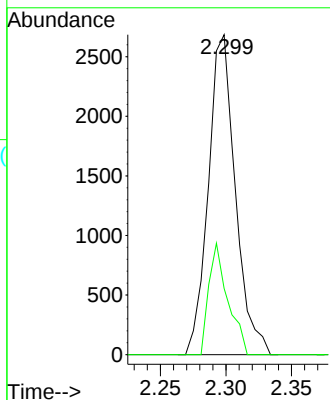
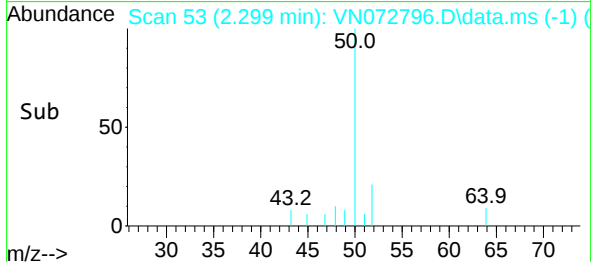
Instrument :
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ClientSampleId :
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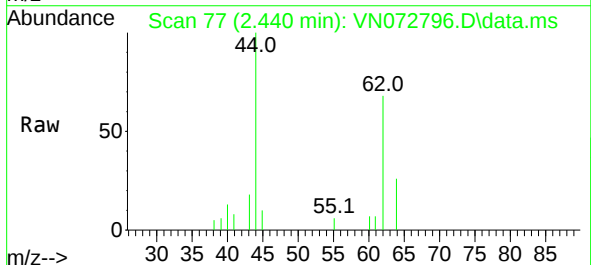
Tgt Ion: 50 Resp: 3850
Ion Ratio Lower Upper
50 100
52 20.7 25.7 38.5

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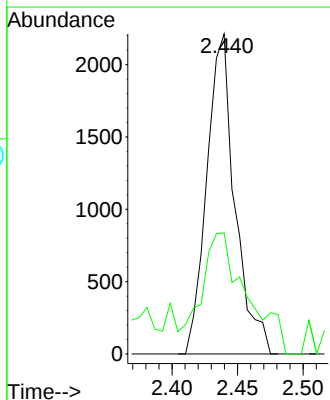
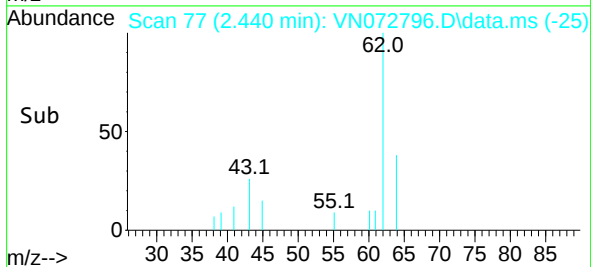
Reviewed By :John Carlone 06/14/2022
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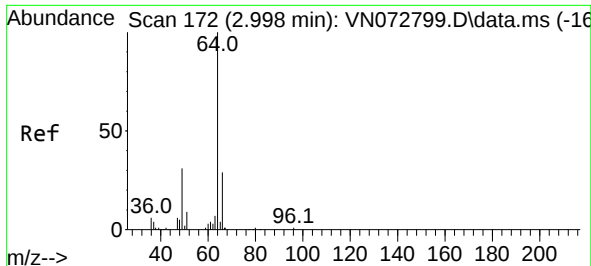


#4
Vinyl Chloride
Concen: 1.863 ug/l
RT: 2.440 min Scan# 77
Delta R.T. 0.006 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29



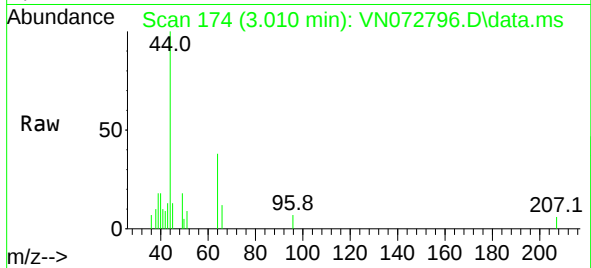
Tgt Ion: 62 Resp: 3297
Ion Ratio Lower Upper
62 100
64 30.9 25.0 37.4





#6
Chloroethane
Concen: 2.151 ug/l
RT: 3.010 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

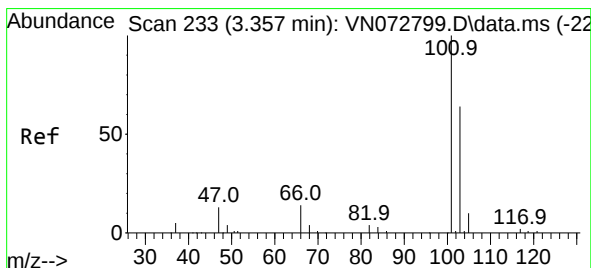
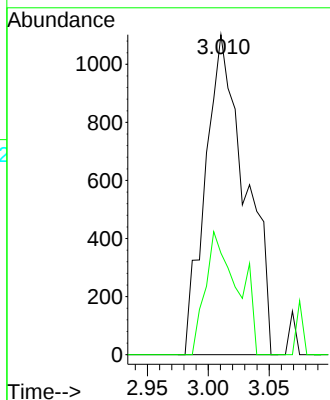
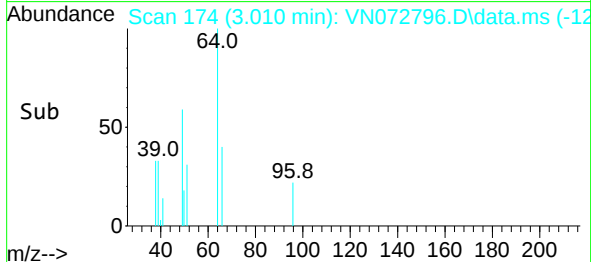
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



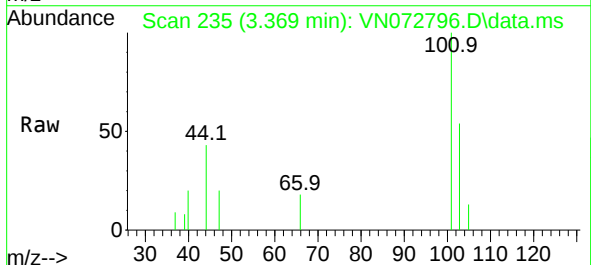
Tgt Ion: 64 Resp: 252
Ion Ratio Lower Upper
64 100
66 31.8 26.2 39.4

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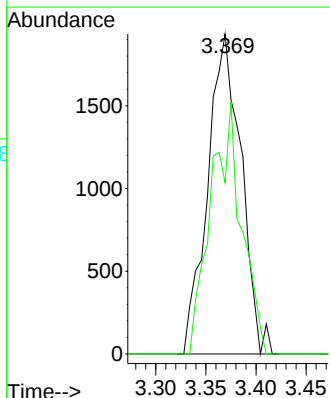
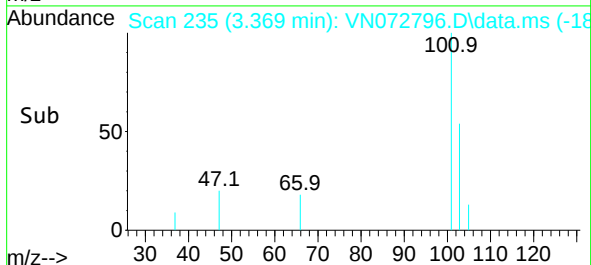
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

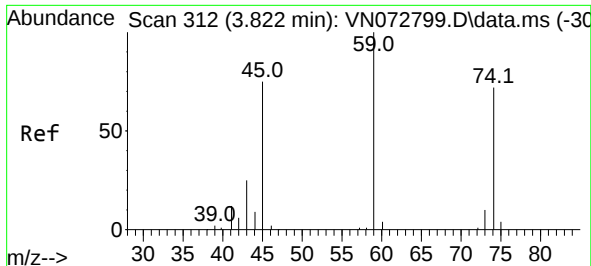


#7
Trichlorofluoromethane
Concen: 1.414 ug/l
RT: 3.369 min Scan# 235
Delta R.T. 0.012 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29



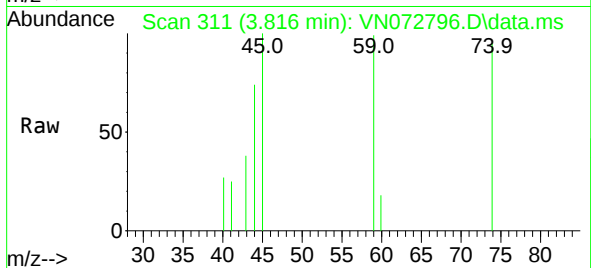
Tgt Ion:101 Resp: 4500
Ion Ratio Lower Upper
101 100
103 53.5 51.5 77.3





#8
Diethyl Ether
Concen: 1.460 ug/l m
RT: 3.816 min Scan# 311
Delta R.T. -0.006 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

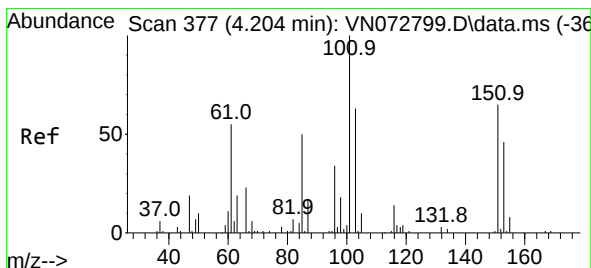
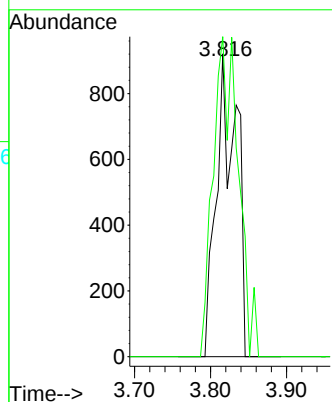
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 74 Resp: 169
Ion Ratio Lower Upper
74 100
45 132.2 42.9 128.5

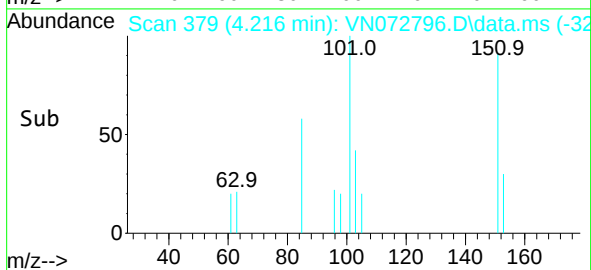
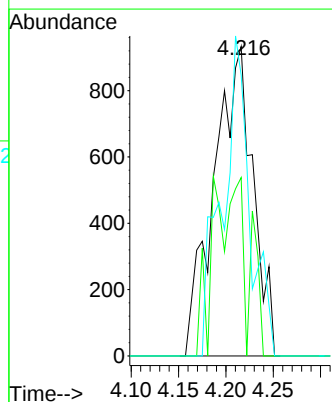
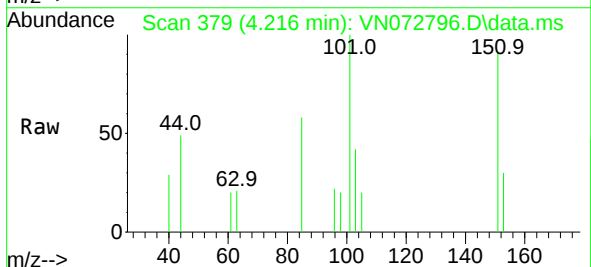
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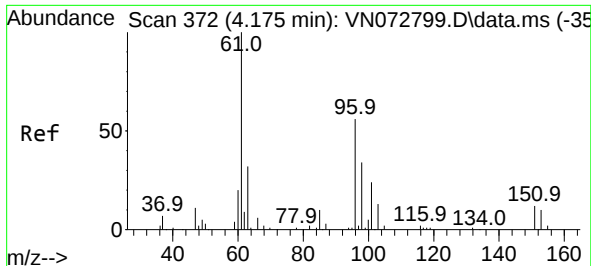
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.533 ug/l
RT: 4.216 min Scan# 379
Delta R.T. 0.012 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

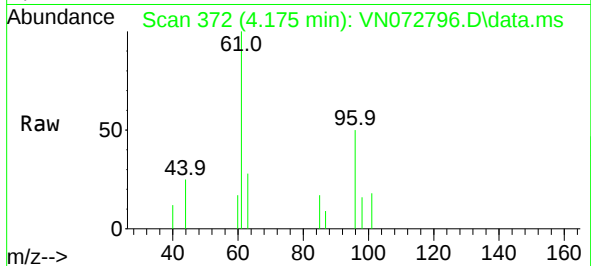
Tgt Ion:101 Resp: 2667
Ion Ratio Lower Upper
101 100
85 19.8 34.7 52.1#
151 73.6 63.0 94.4





#12
1,1-Dichloroethene
Concen: 1.554 ug/l
RT: 4.175 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

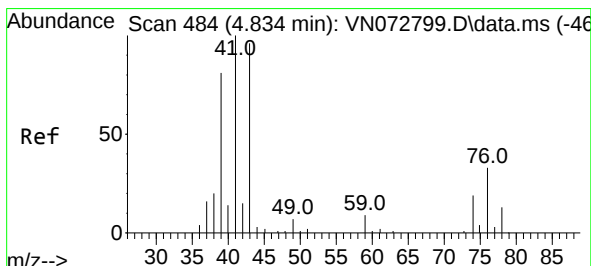
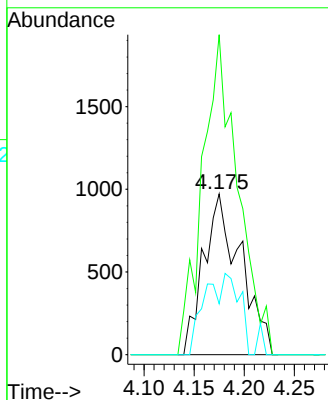
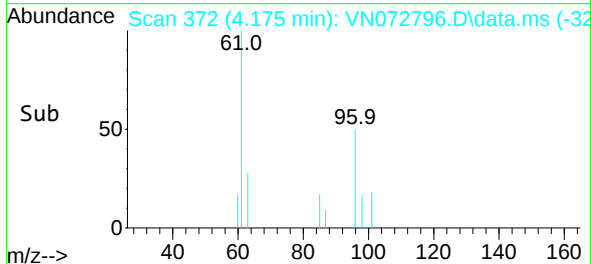
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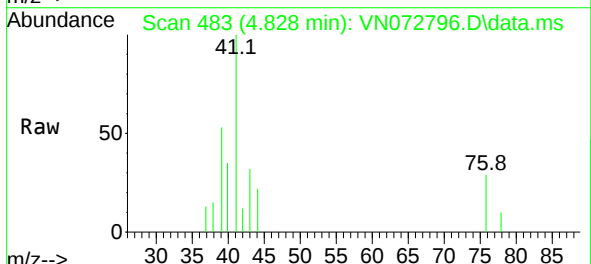
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Ion Ratio Lower Upper
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98 31.7 51.2 76.8

Manual Integrations
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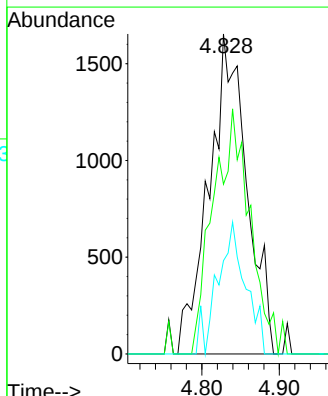
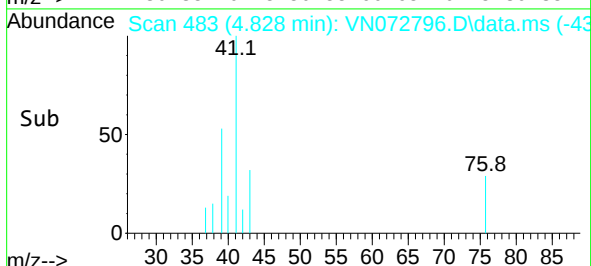
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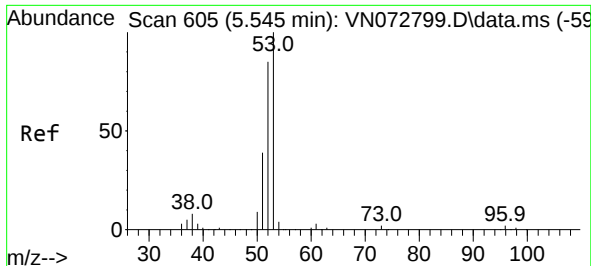


#14
Allyl chloride
Concen: 1.791 ug/l
RT: 4.828 min Scan# 483
Delta R.T. -0.006 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29



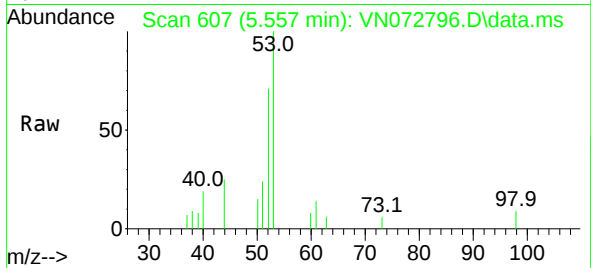
Tgt Ion: 41 Resp: 5621
Ion Ratio Lower Upper
41 100
39 74.5 53.2 79.8
76 30.4 29.9 44.9





#15
Acrylonitrile
Concen: 8.117 ug/l
RT: 5.557 min Scan# 605
Delta R.T. 0.012 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

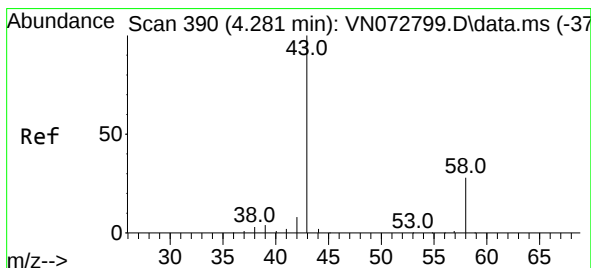
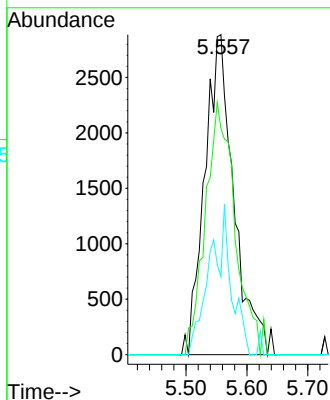
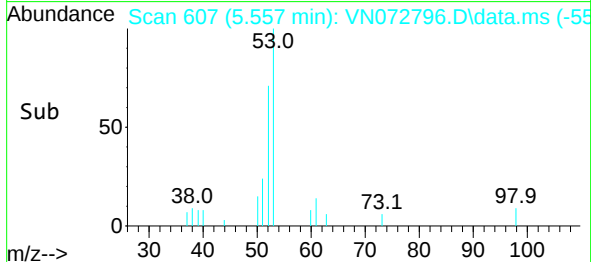
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



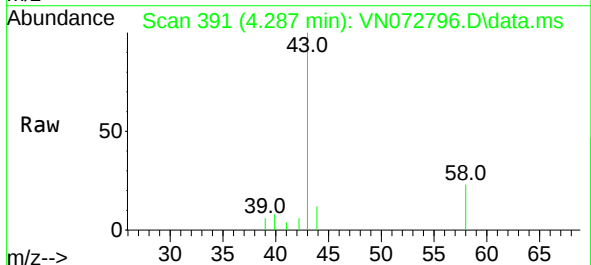
Tgt Ion: 53 Resp: 9644
Ion Ratio Lower Upper
53 100
52 80.3 66.4 99.6
51 19.6 28.5 42.7

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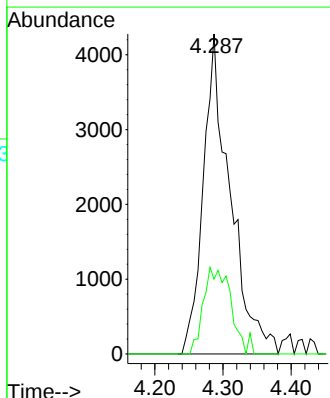
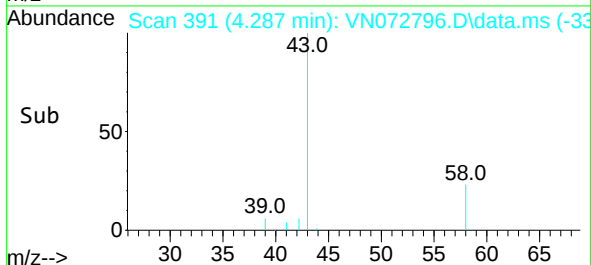
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

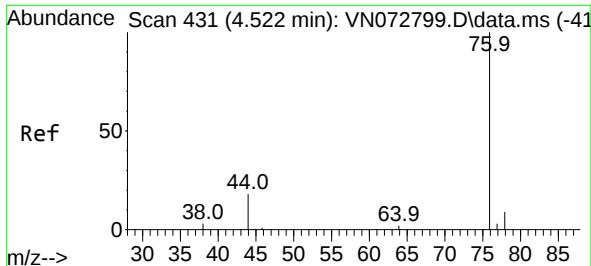


#16
Acetone
Concen: 10.875 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29



Tgt Ion: 43 Resp: 11736
Ion Ratio Lower Upper
43 100
58 23.4 26.0 39.0





#17

Carbon Disulfide

Concen: 1.710 ug/l

RT: 4.522 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN072796.D

Acq: 13 Jun 2022 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 76 Resp: 686

Ion Ratio Lower Upper

76 100

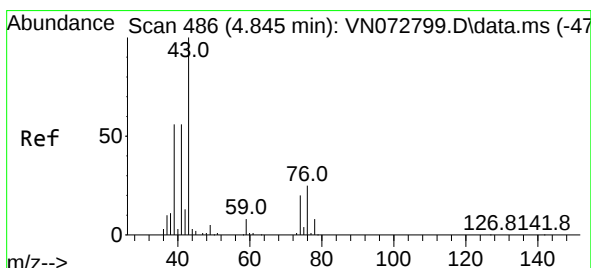
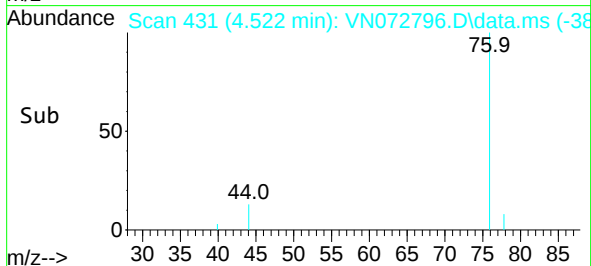
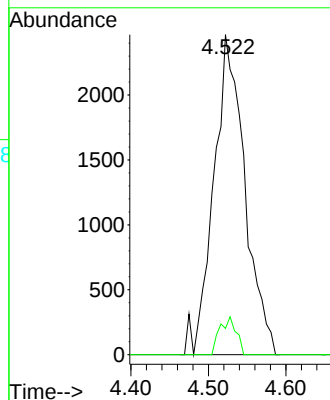
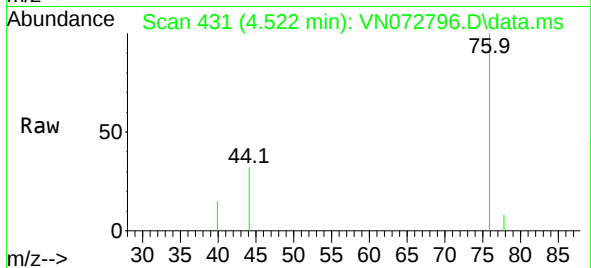
78 8.2 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#18

Methyl Acetate

Concen: 1.849 ug/l

RT: 4.840 min Scan# 485

Delta R.T. -0.006 min

Lab File: VN072796.D

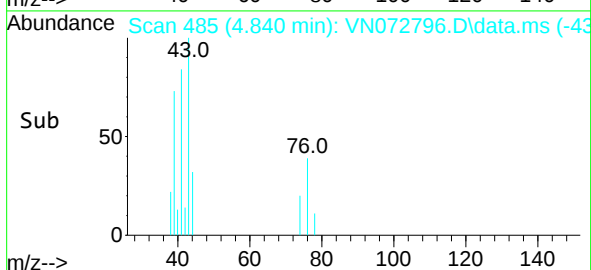
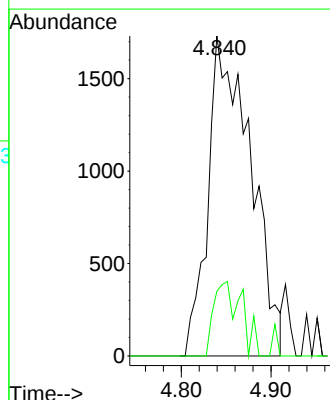
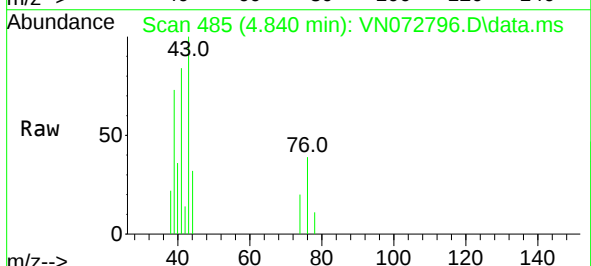
Acq: 13 Jun 2022 10:29

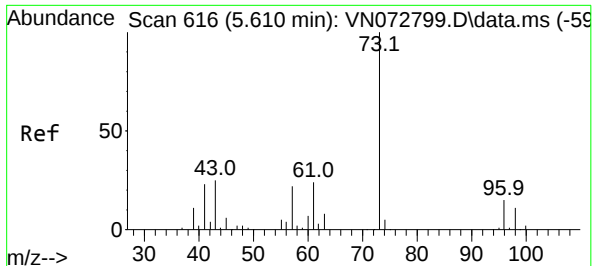
Tgt Ion: 43 Resp: 5709

Ion Ratio Lower Upper

43 100

74 15.0 21.6 32.4#





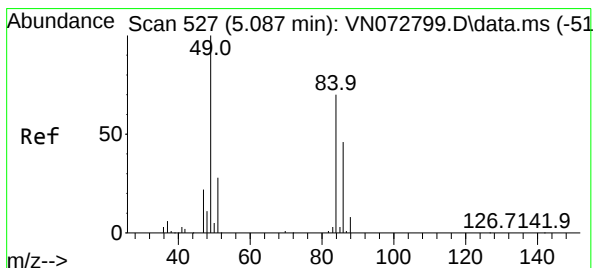
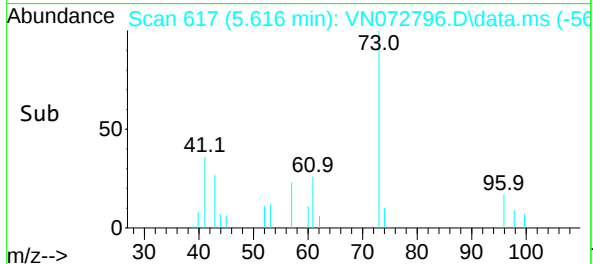
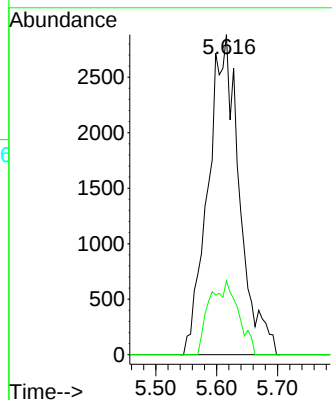
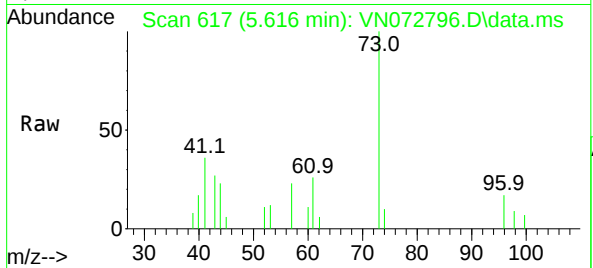
#19
Methyl tert-butyl Ether
Concen: 1.674 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 73 Resp: 10314
Ion Ratio Lower Upper
73 100
57 23.1 17.6 26.4

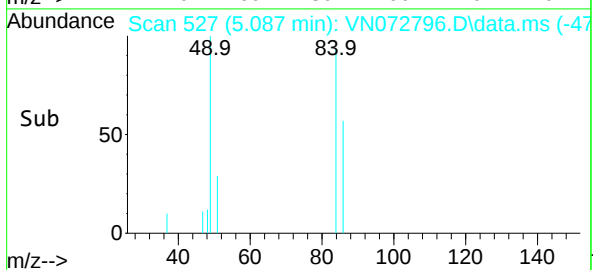
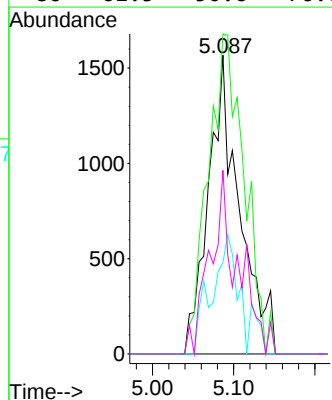
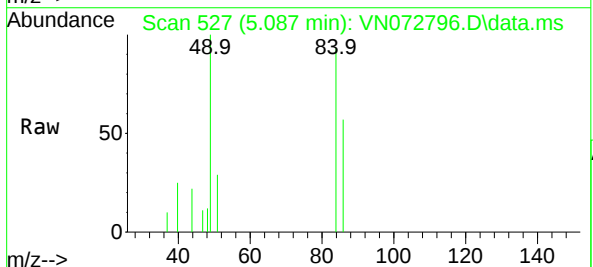
Manual Integrations
APPROVED

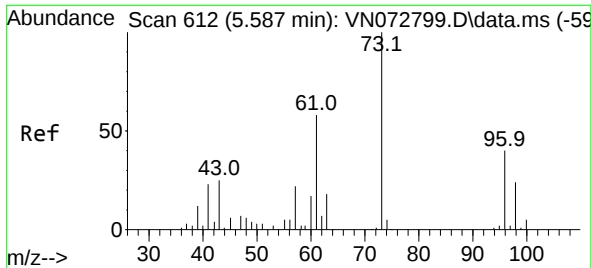
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#20
Methylene Chloride
Concen: 2.053 ug/l
RT: 5.087 min Scan# 527
Delta R.T. 0.000 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

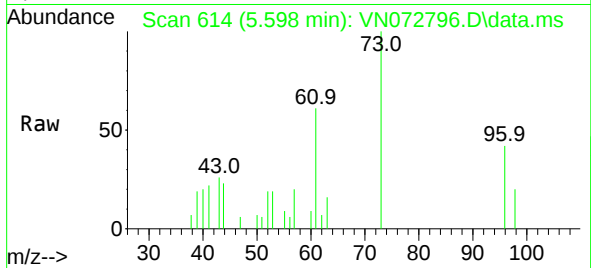
Tgt Ion: 84 Resp: 4182
Ion Ratio Lower Upper
84 100
49 107.1 88.3 132.5
51 30.6 28.2 42.2
86 61.5 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 1.685 ug/l
RT: 5.598 min Scan# 612
Delta R.T. 0.012 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

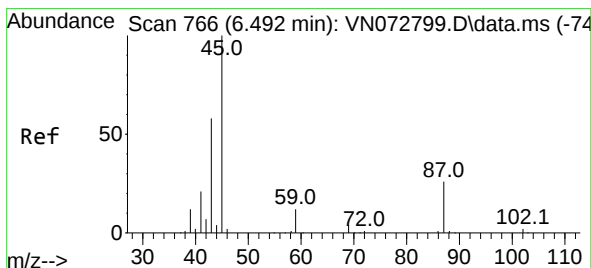
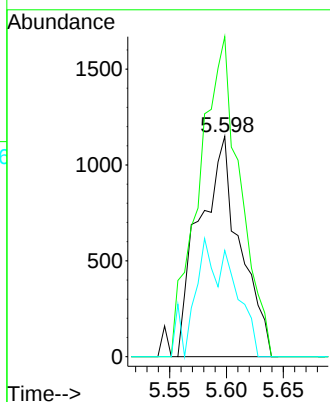
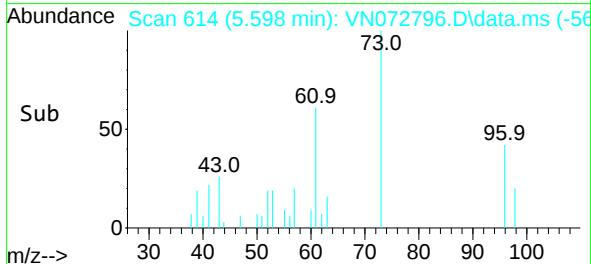
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 96 Resp: 2849
Ion Ratio Lower Upper
96 100
61 145.3 105.8 158.8
98 48.2 50.3 75.5

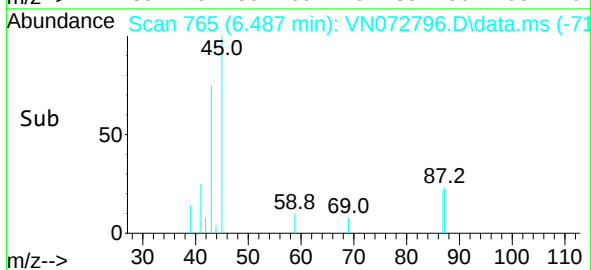
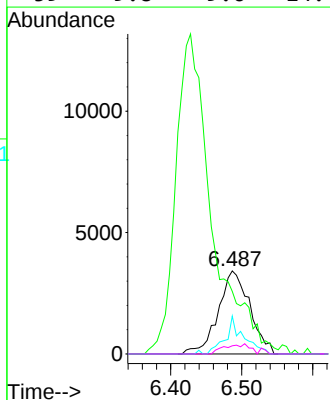
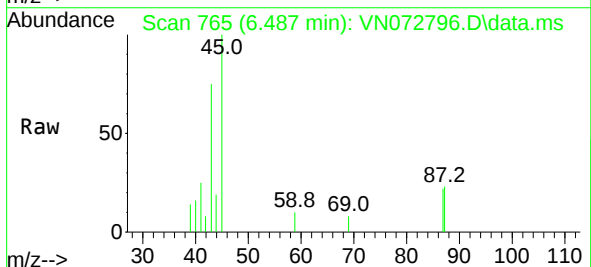
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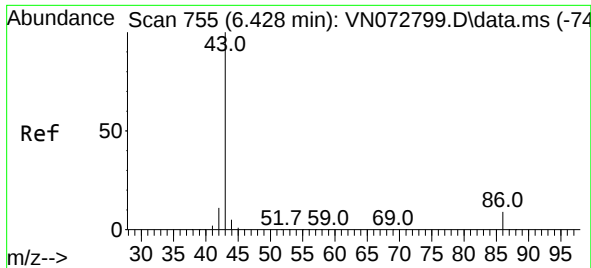
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#22
Diisopropyl ether
Concen: 1.626 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

Tgt Ion: 45 Resp: 10573
Ion Ratio Lower Upper
45 100
43 70.3 46.6 70.0#
87 45.7 24.3 36.5#
59 9.8 9.6 14.4





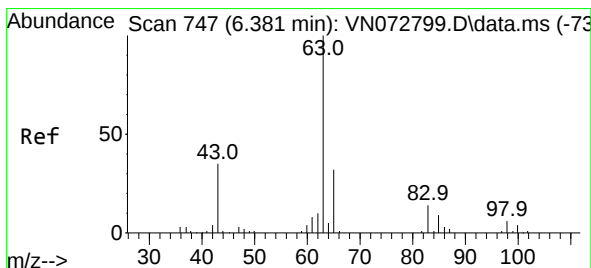
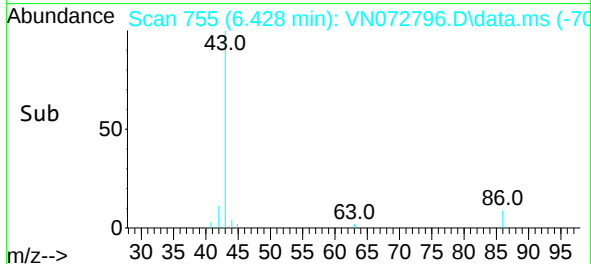
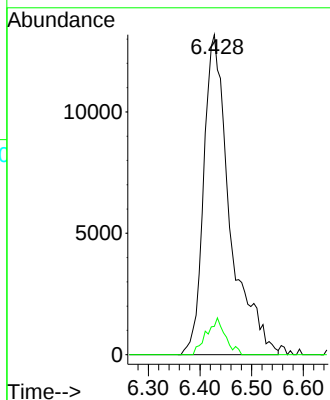
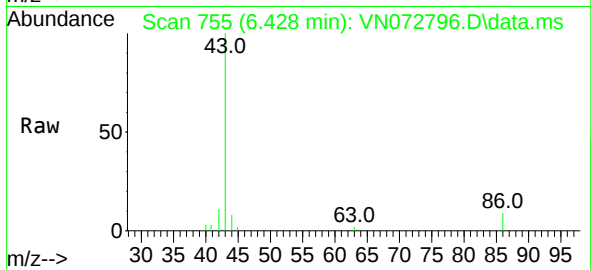
#23
 Vinyl Acetate
 Concen: 8.408 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. 0.000 min
 Lab File: VN072796.D
 Acq: 13 Jun 2022 10:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 43 Resp: 4657
 Ion Ratio Lower Upper
 43 100
 86 8.8 10.0 15.0

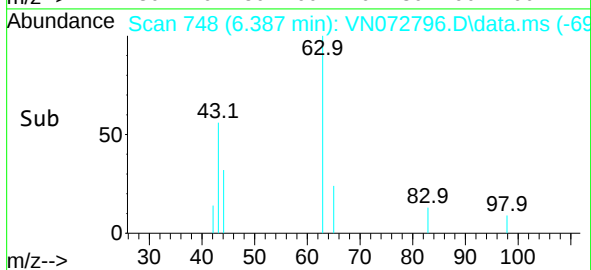
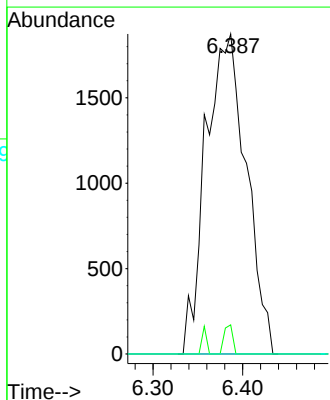
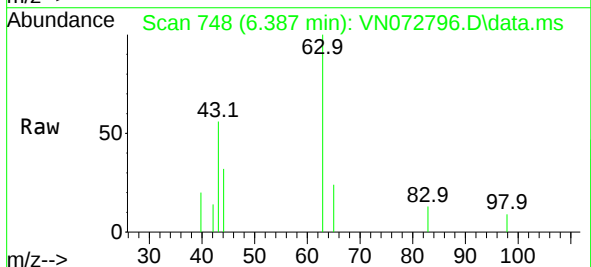
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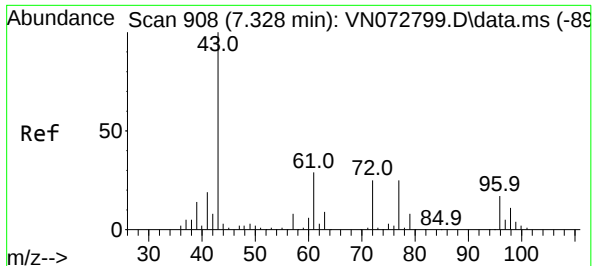
Reviewed By :John Carlone 06/14/2022
 Supervised By :Mahesh Dadoda 06/14/2022



#24
 1,1-Dichloroethane
 Concen: 1.636 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. 0.006 min
 Lab File: VN072796.D
 Acq: 13 Jun 2022 10:29

Tgt Ion: 63 Resp: 5855
 Ion Ratio Lower Upper
 63 100
 98 9.1 3.5 10.4
 100 0.0 2.3 6.8





#25

2-Butanone

Concen: 9.396 ug/l

RT: 7.339 min Scan# 910

Delta R.T. 0.012 min

Lab File: VN072796.D

Acq: 13 Jun 2022 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 43 Resp: 1611

Ion Ratio Lower Upper

43 100

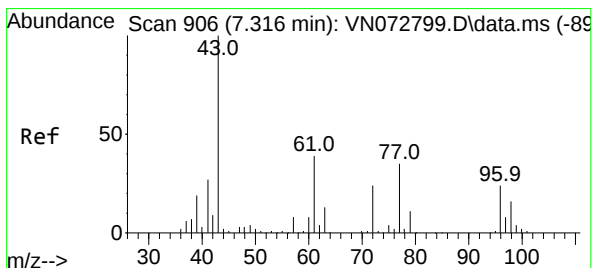
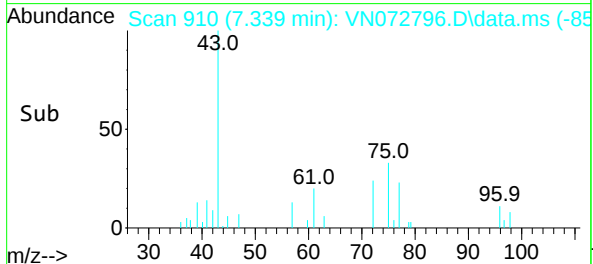
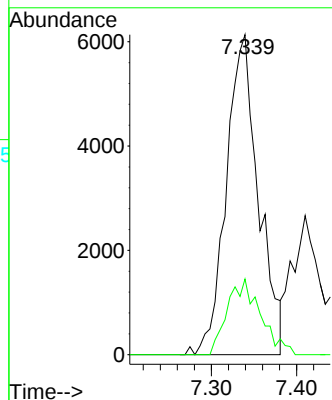
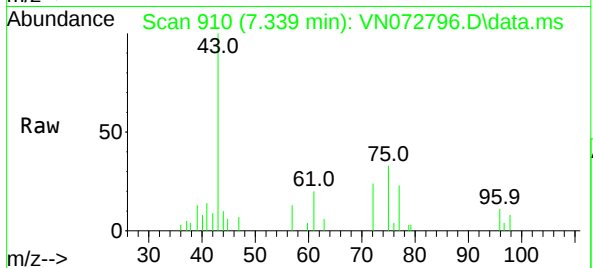
72 23.6 23.7 35.5

Manual Integrations

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Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#26

2,2-Dichloropropane

Concen: 2.065 ug/l

RT: 7.304 min Scan# 904

Delta R.T. -0.012 min

Lab File: VN072796.D

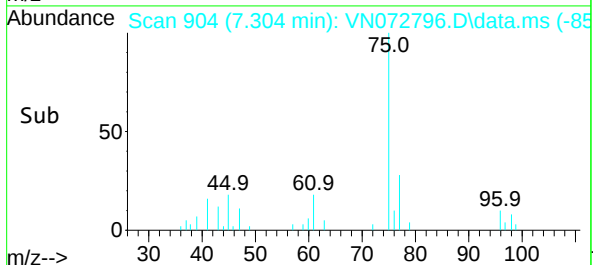
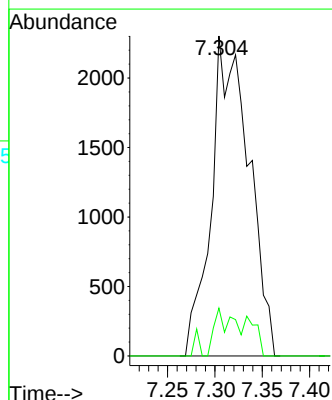
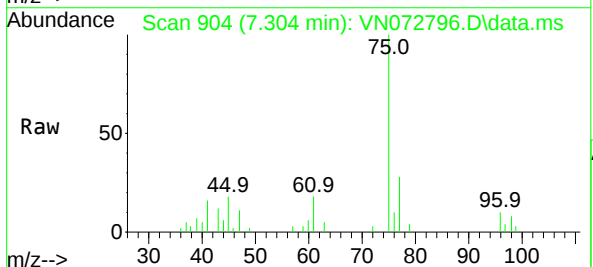
Acq: 13 Jun 2022 10:29

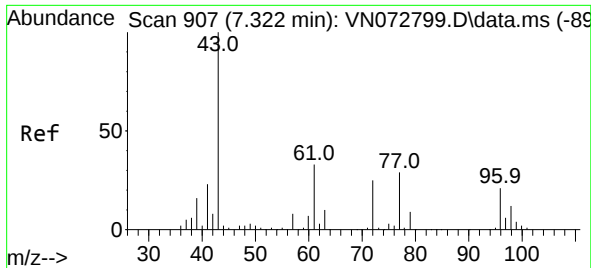
Tgt Ion: 77 Resp: 6319

Ion Ratio Lower Upper

77 100

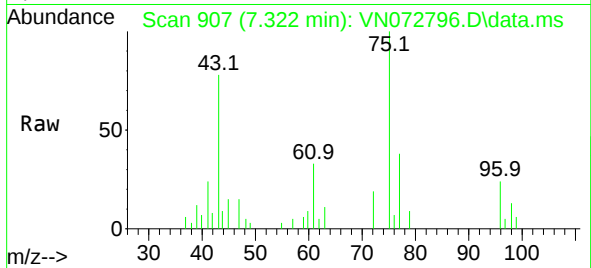
97 7.9 11.4 34.2#





#27
 cis-1,2-Dichloroethene
 Concen: 1.580 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VN072796.D
 Acq: 13 Jun 2022 10:29

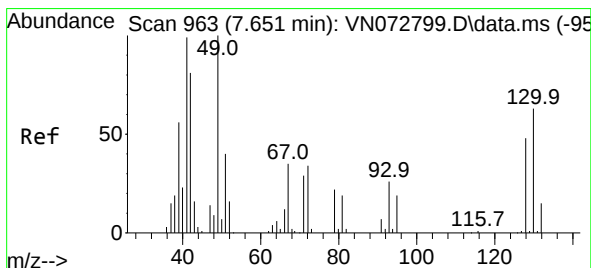
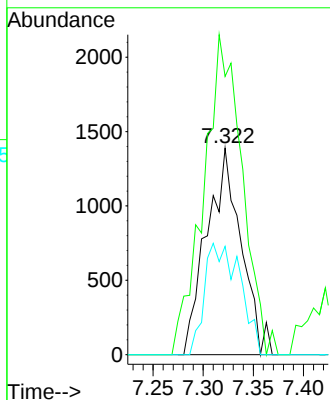
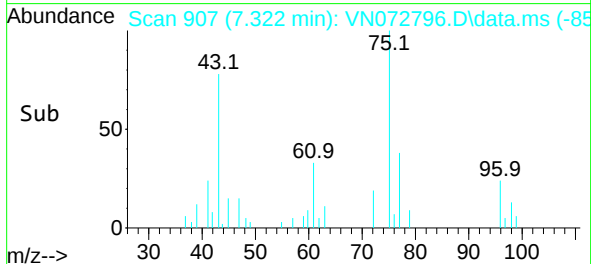
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



Tgt Ion: 96 Resp: 3300
 Ion Ratio Lower Upper
 96 100
 61 174.1 0.0 280.6
 98 55.6 0.0 128.4

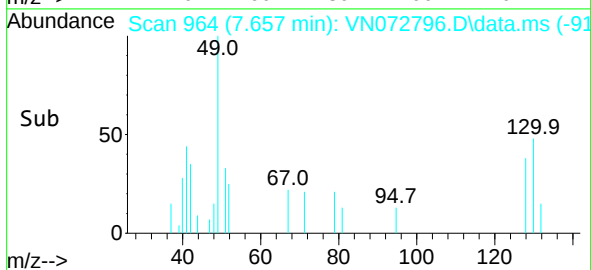
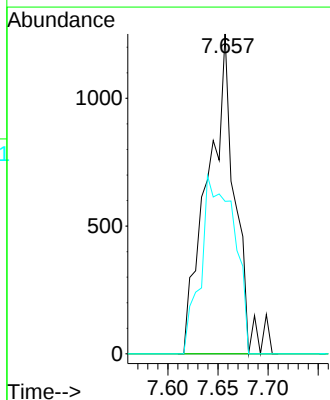
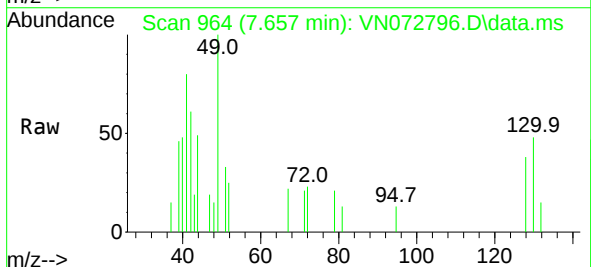
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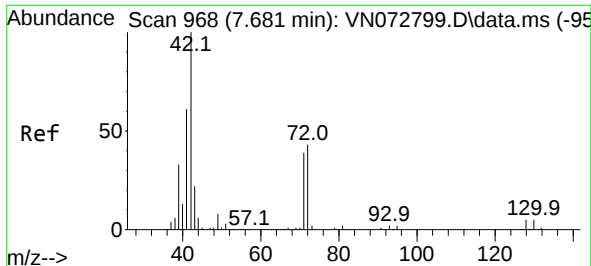
Reviewed By :John Carlone 06/14/2022
 Supervised By :Mahesh Dadoda 06/14/2022



#28
 Bromochloromethane
 Concen: 1.498 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. 0.006 min
 Lab File: VN072796.D
 Acq: 13 Jun 2022 10:29

Tgt Ion: 49 Resp: 2388
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.6
 130 67.5 69.7 104.5#





#29

Tetrahydrofuran

Concen: 8.454 ug/l

RT: 7.686 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN072796.D

Acq: 13 Jun 2022 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

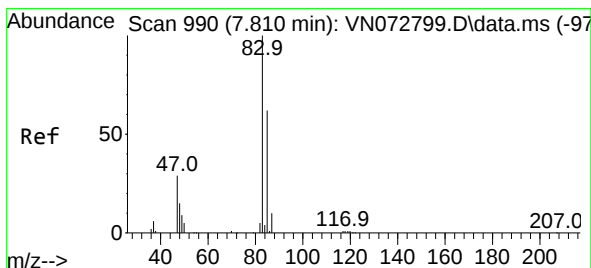
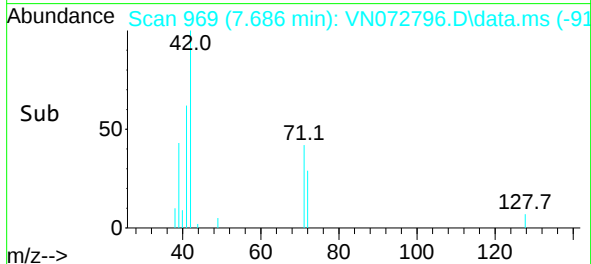
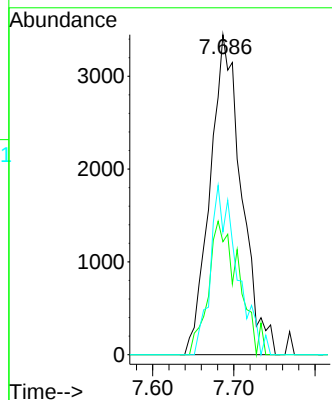
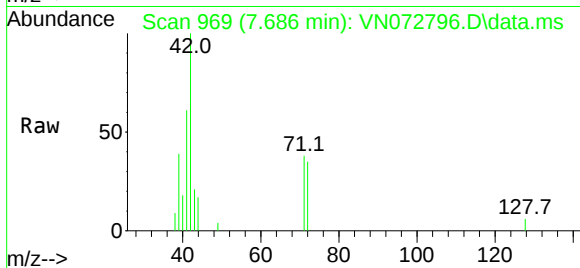
Tgt Ion:	42	Resp:	927
Ion	Ratio	Lower	Upper
42	100		
72	40.3	39.7	59.5
71	44.9	36.6	55.0

Manual Integrations

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Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#30

Chloroform

Concen: 1.585 ug/l

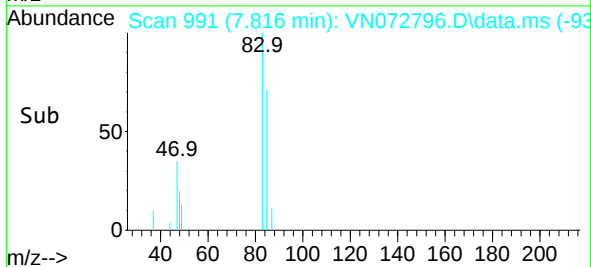
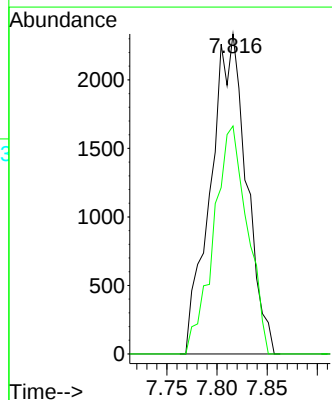
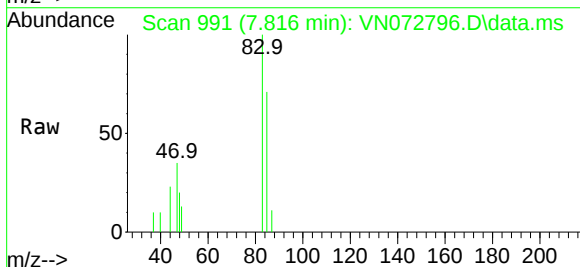
RT: 7.816 min Scan# 991

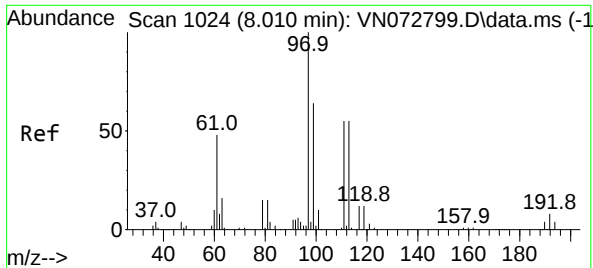
Delta R.T. 0.006 min

Lab File: VN072796.D

Acq: 13 Jun 2022 10:29

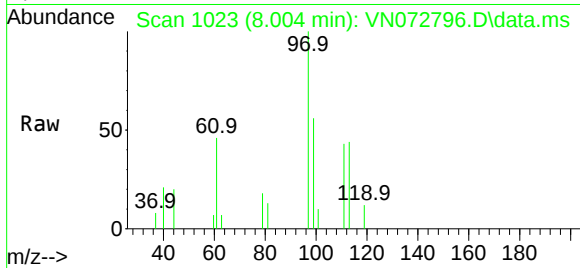
Tgt Ion:	83	Resp:	5823
Ion	Ratio	Lower	Upper
83	100		
85	71.3	51.8	77.8





#32
1,1,1-Trichloroethane
Concen: 1.646 ug/l
RT: 8.004 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

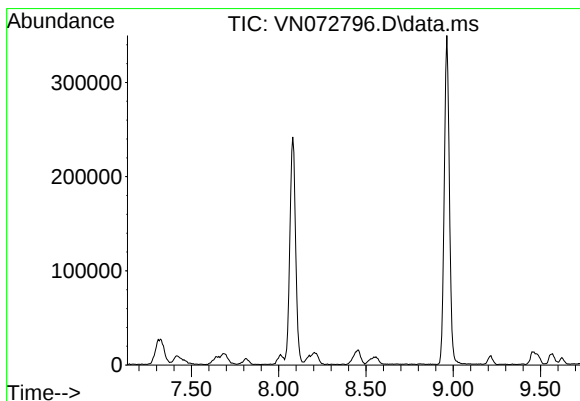
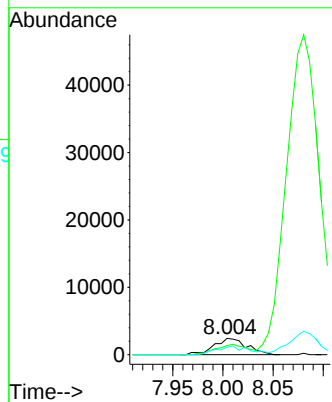
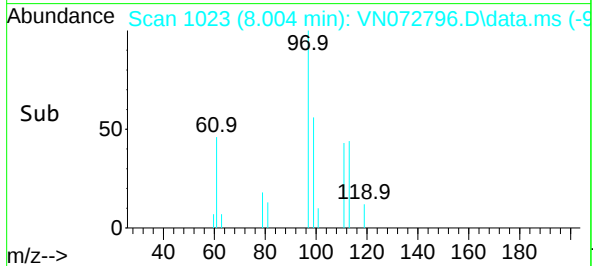
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



Tgt Ion: 97 Resp: 548
Ion Ratio Lower Upper
97 100
99 61.3 50.6 76.0
61 52.6 36.0 54.0

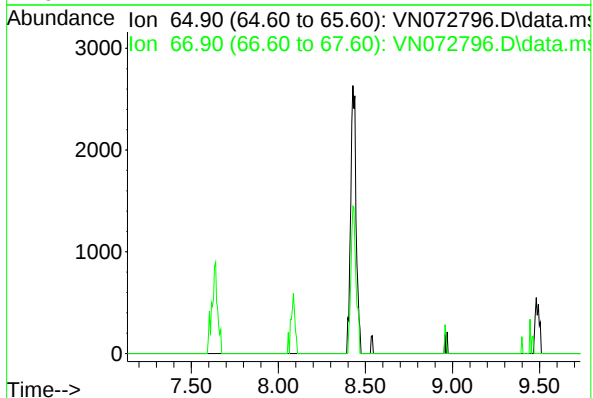
Manual Integrations
APPROVED

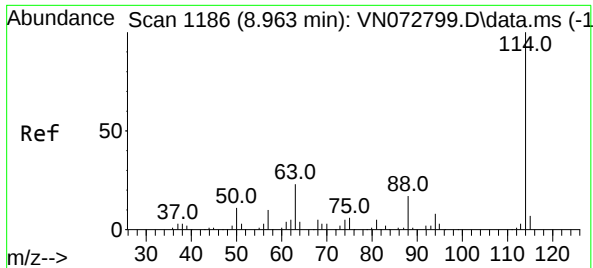
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.43 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

Tgt Ion: 65
Sig Exp Ratio
65 100
67 52.4





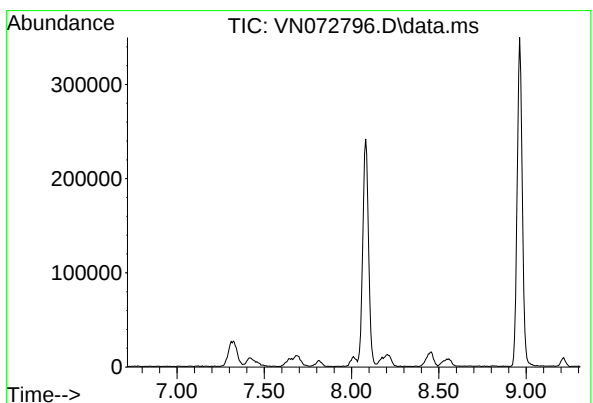
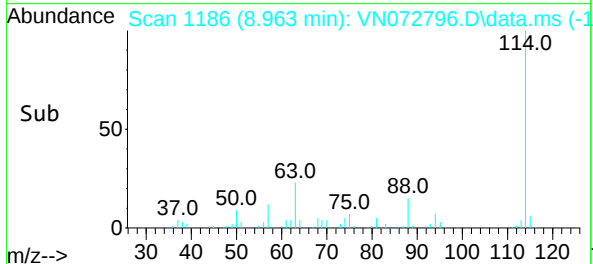
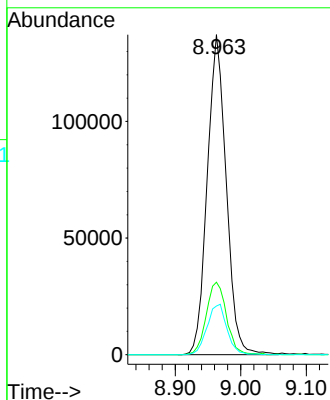
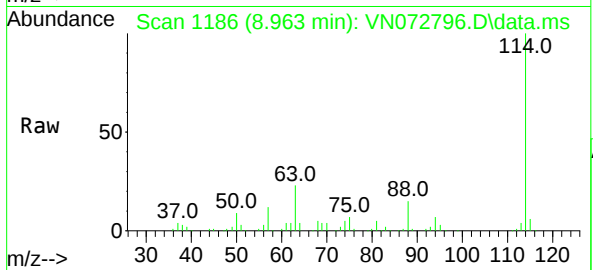
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion:114 Resp: 27598
Ion Ratio Lower Upper
114 100
63 22.6 0.0 40.0
88 15.2 0.0 32.6

Manual Integrations
APPROVED

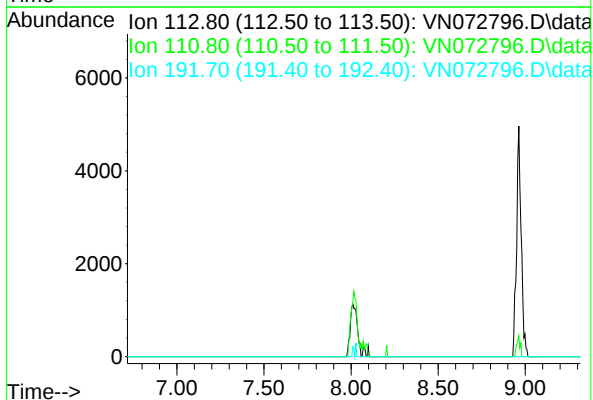
Reviewed By :John Carbone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 8.02 min

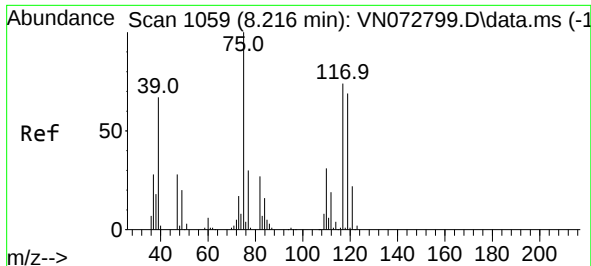
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

Tgt Ion: 113
Sig Exp Ratio
113 100
111 101.7
192 21.3



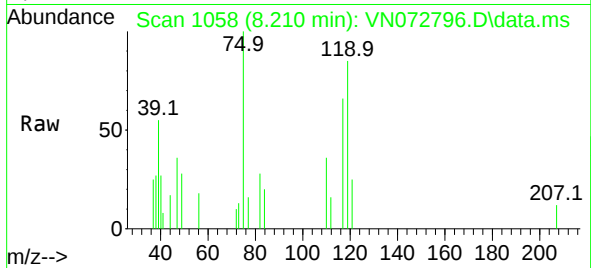
Ion 110.80 (110.50 to 111.50): VN072796.D\data.ms

Ion 191.70 (191.40 to 192.40): VN072796.D\data.ms



#36
1,1-Dichloropropene
Concen: 1.637 ug/l
RT: 8.210 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

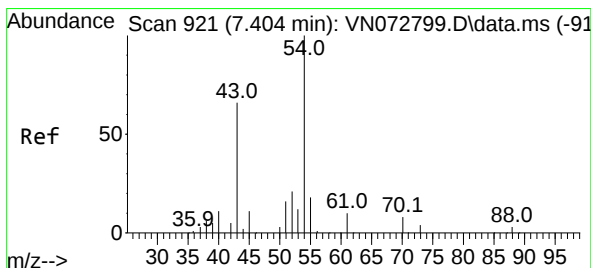
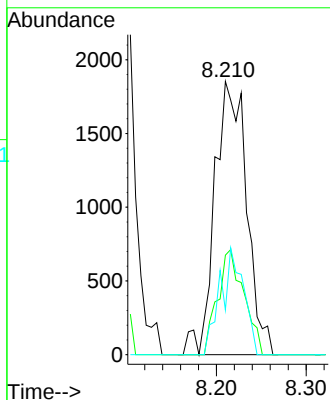
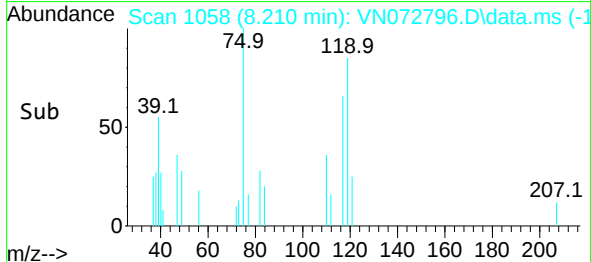
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



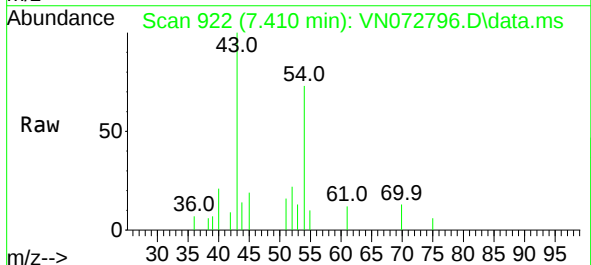
Tgt Ion: 75 Resp: 458
Ion Ratio Lower Upper
75 100
110 31.6 18.3 54.8
77 28.5 25.1 37.7

Manual Integrations
APPROVED

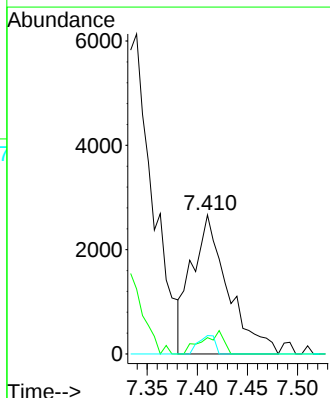
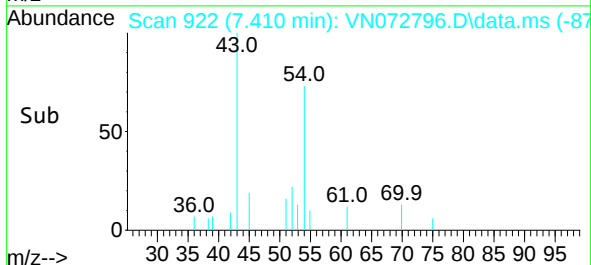
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

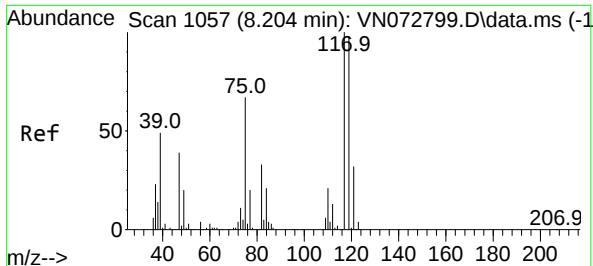


#37
Ethyl Acetate
Concen: 1.861 ug/l
RT: 7.410 min Scan# 922
Delta R.T. 0.006 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29



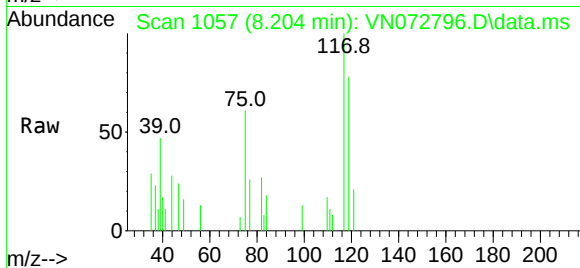
Tgt Ion: 43 Resp: 6696
Ion Ratio Lower Upper
43 100
61 9.8 11.8 17.6#
70 6.1 9.3 13.9#





#38
Carbon Tetrachloride
Concen: 1.380 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

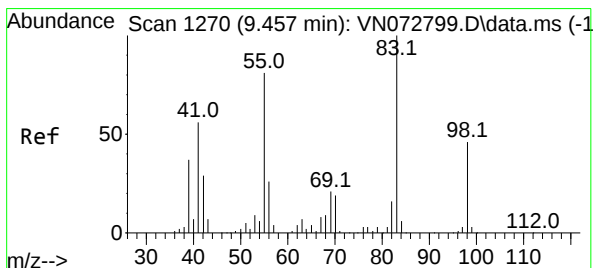
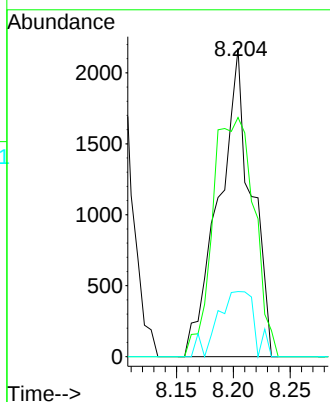
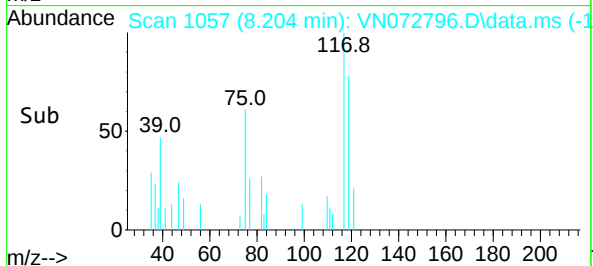
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



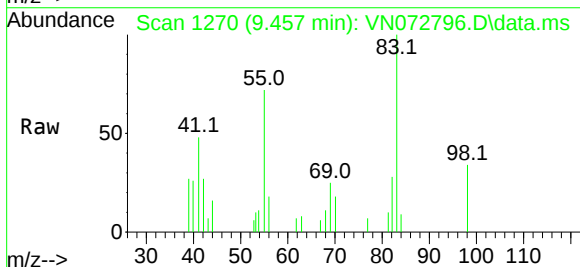
Tgt Ion: 117 Resp: 4298
Ion Ratio Lower Upper
117 100
119 77.6 75.8 113.8
121 21.1 24.6 37.0

Manual Integrations
APPROVED

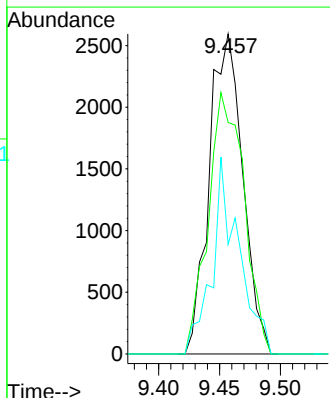
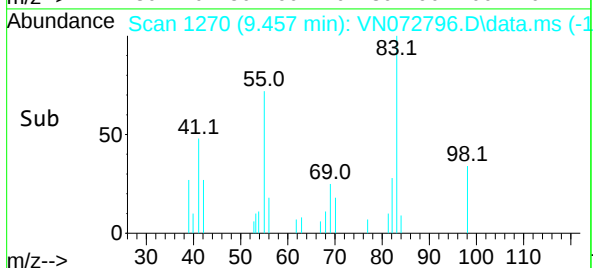
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

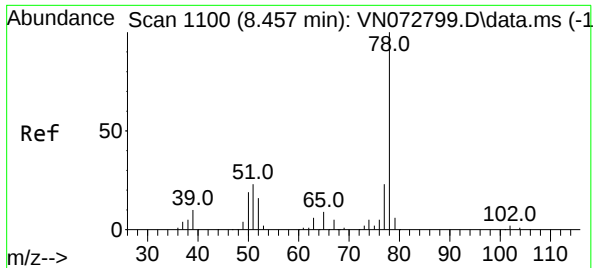


#39
Methylcyclohexane
Concen: 1.592 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29



Tgt Ion: 83 Resp: 4985
Ion Ratio Lower Upper
83 100
55 72.4 57.8 86.8
98 34.2 39.4 59.2





#40

Benzene

Concen: 1.456 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN072796.D

Acq: 13 Jun 2022 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

Tgt Ion: 78 Resp: 12269

Ion Ratio Lower Upper

78 100

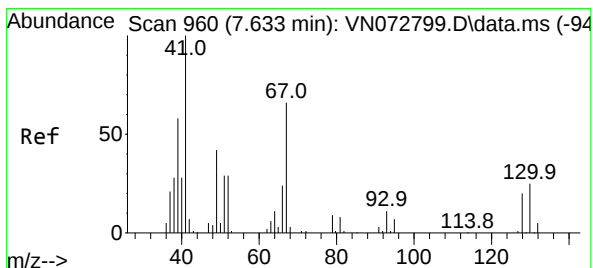
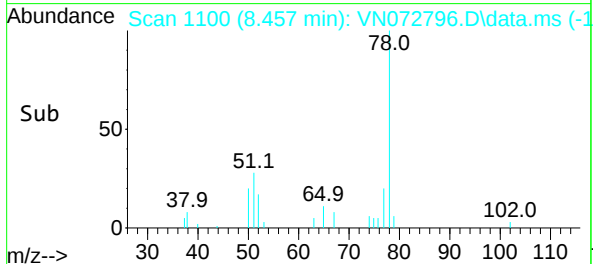
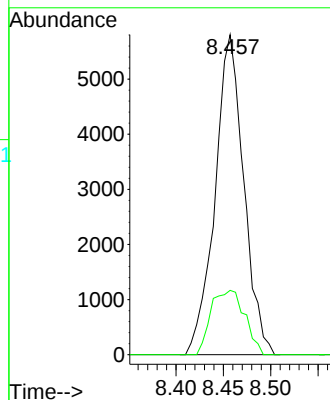
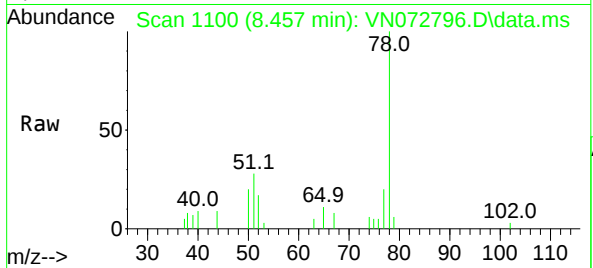
77 20.1 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#41

Methacrylonitrile

Concen: 1.481 ug/l

RT: 7.645 min Scan# 962

Delta R.T. 0.012 min

Lab File: VN072796.D

Acq: 13 Jun 2022 10:29

Tgt Ion: 41 Resp: 2698

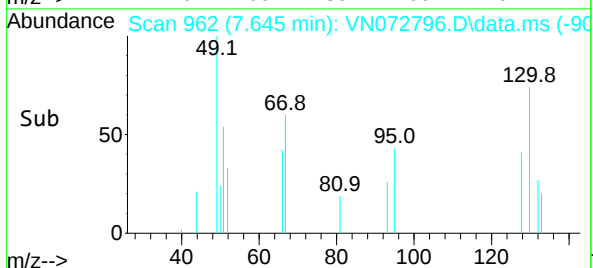
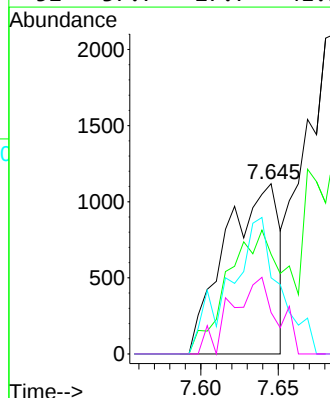
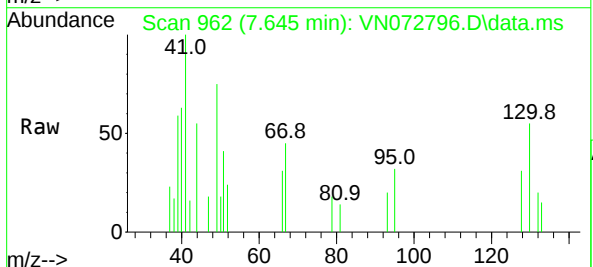
Ion Ratio Lower Upper

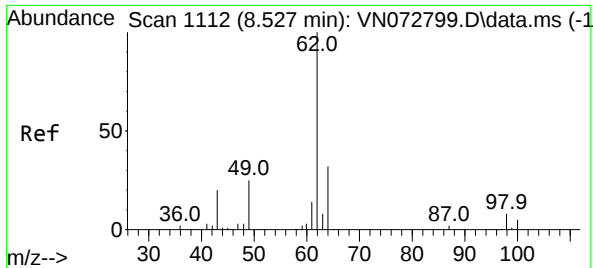
41 100

39 65.9 48.6 73.0

67 74.3 73.4 110.2

52 37.7 27.7 41.5





#42

1,2-Dichloroethane

Concen: 1.503 ug/l

RT: 8.528 min Scan# 1112

Delta R.T. 0.000 min

Lab File: VN072796.D

Acq: 13 Jun 2022 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

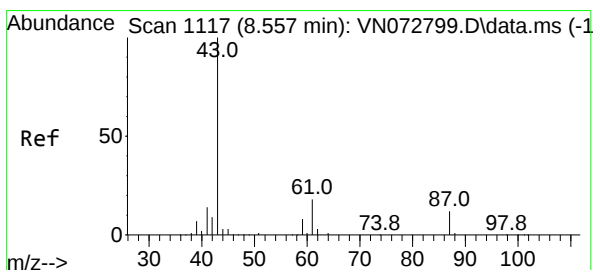
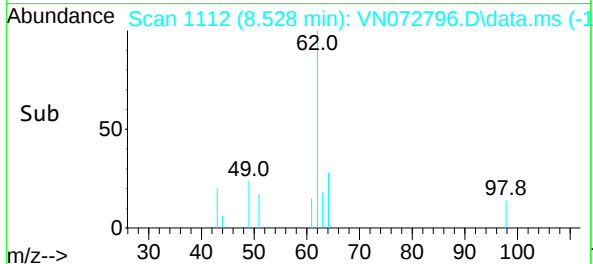
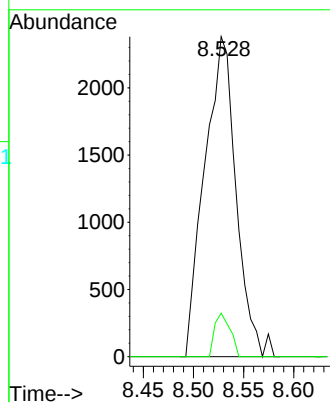
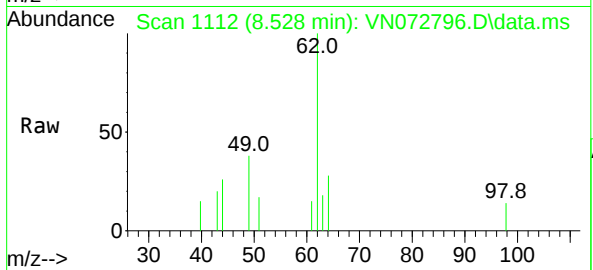
Tgt Ion: 62 Resp: 520
 Ion Ratio Lower Upper
 62 100
 98 6.7 0.0 19.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#43

Isopropyl Acetate

Concen: 1.686 ug/l

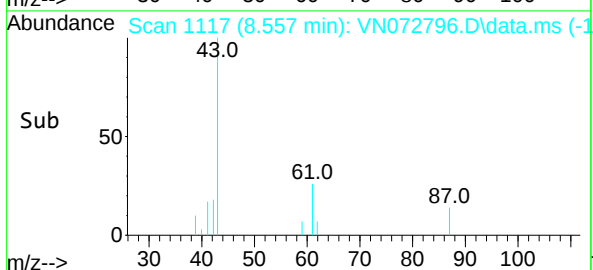
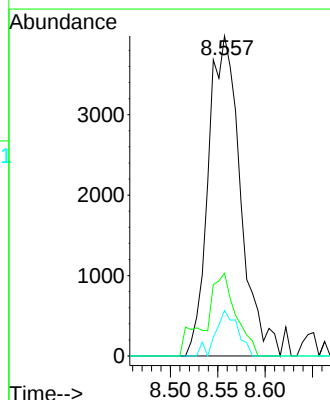
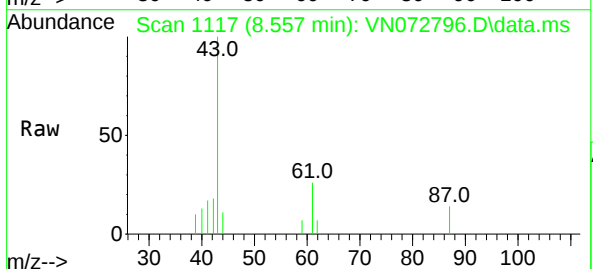
RT: 8.557 min Scan# 1117

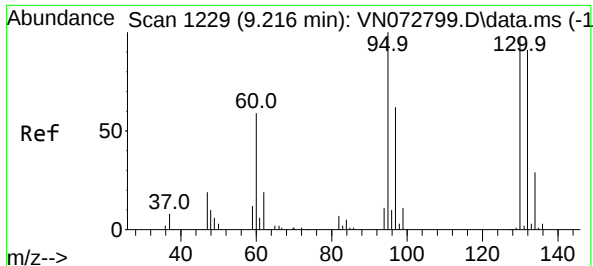
Delta R.T. 0.000 min

Lab File: VN072796.D

Acq: 13 Jun 2022 10:29

Tgt Ion: 43 Resp: 9379
 Ion Ratio Lower Upper
 43 100
 61 19.7 21.9 32.9#
 87 9.9 12.0 18.0#





#44

Trichloroethene

Concen: 1.299 ug/l

RT: 9.210 min Scan# 1228

Delta R.T. -0.006 min

Lab File: VN072796.D

Acq: 13 Jun 2022 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion:130 Resp: 2728

Ion Ratio Lower Upper

130 100

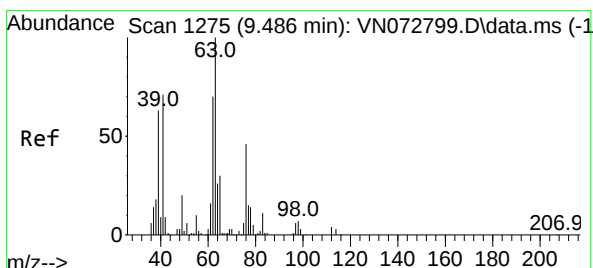
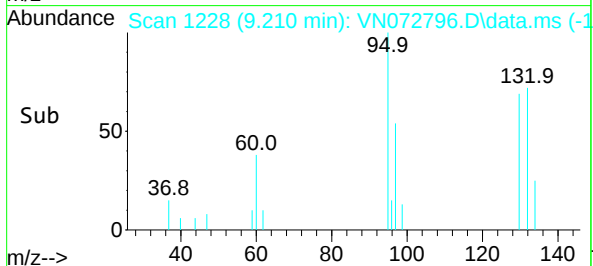
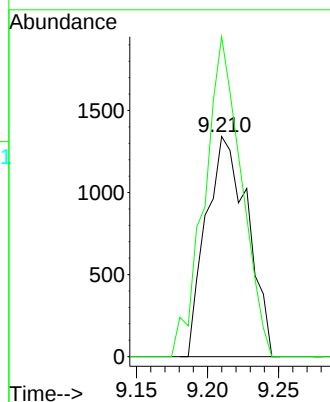
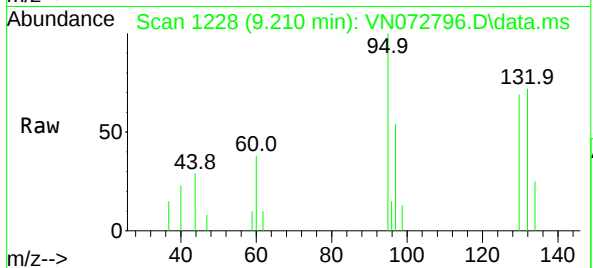
95 145.4 0.0 186.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#45

1,2-Dichloropropane

Concen: 1.617 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072796.D

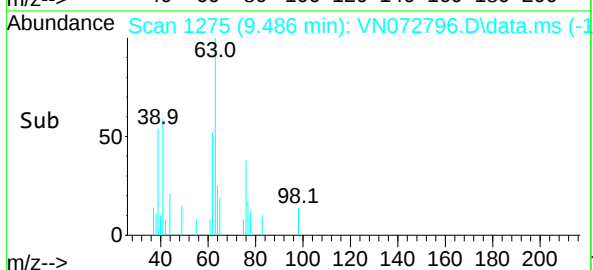
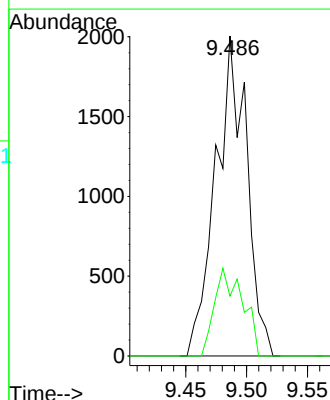
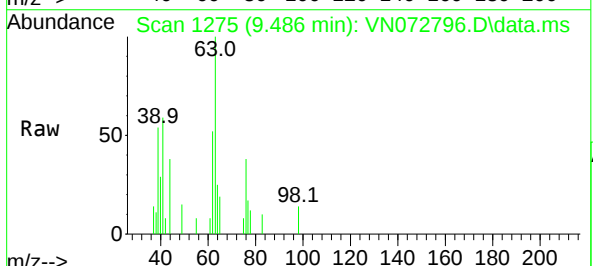
Acq: 13 Jun 2022 10:29

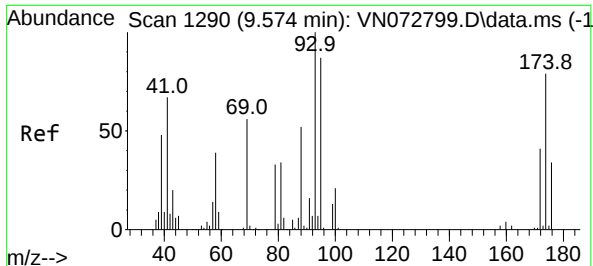
Tgt Ion: 63 Resp: 3536

Ion Ratio Lower Upper

63 100

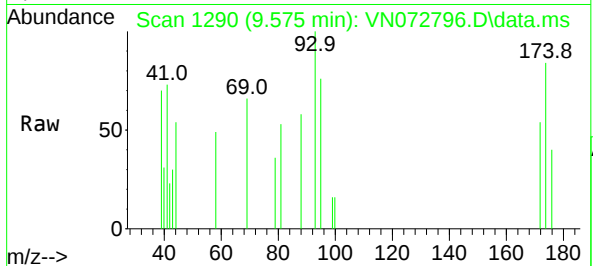
65 18.7 24.9 37.3#





#46
Dibromomethane
Concen: 1.450 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

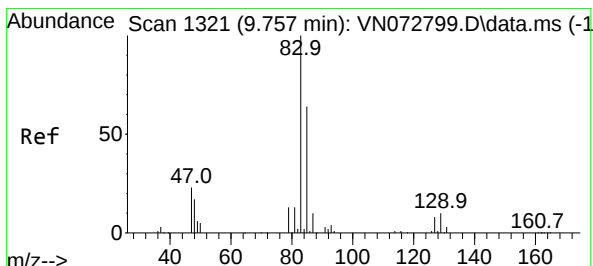
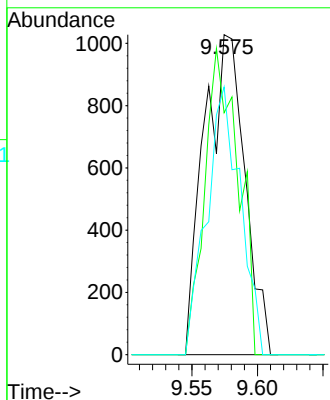
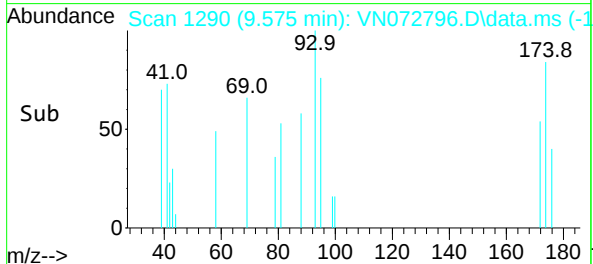
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



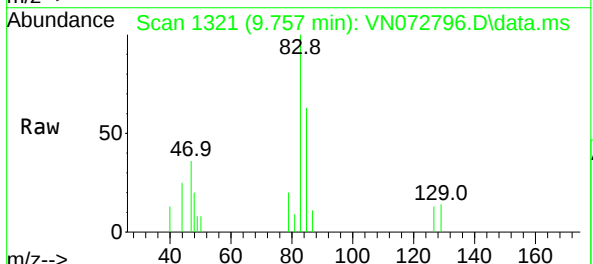
Tgt Ion: 93 Resp: 2214
Ion Ratio Lower Upper
93 100
95 78.7 66.9 100.3
174 69.5 86.6 130.0

Manual Integrations
APPROVED

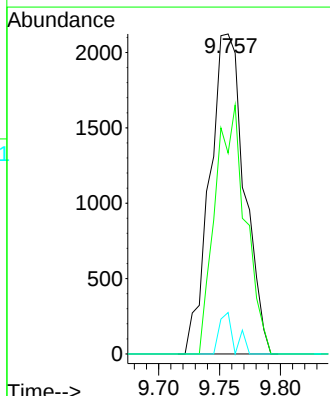
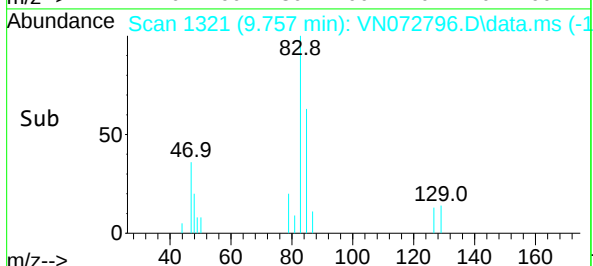
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

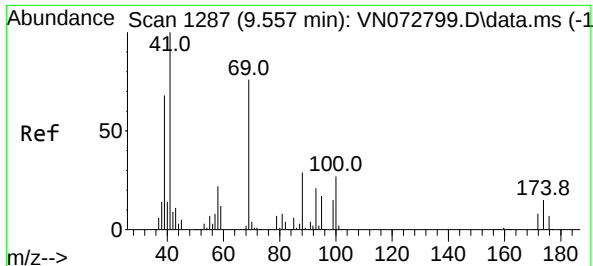


#47
Bromodichloromethane
Concen: 1.348 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29



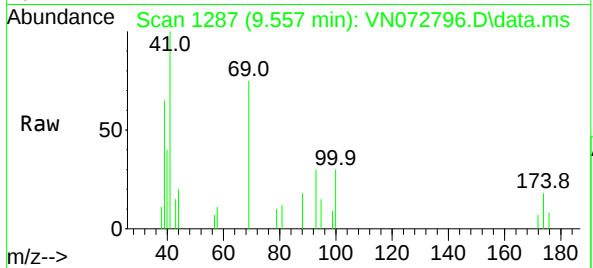
Tgt Ion: 83 Resp: 4215
Ion Ratio Lower Upper
83 100
85 62.7 50.5 75.7
127 13.0 6.8 10.2





#48
Methyl methacrylate
Concen: 1.649 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

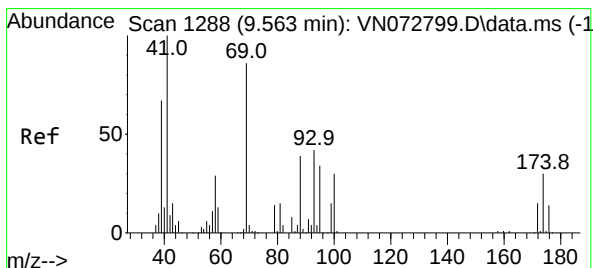
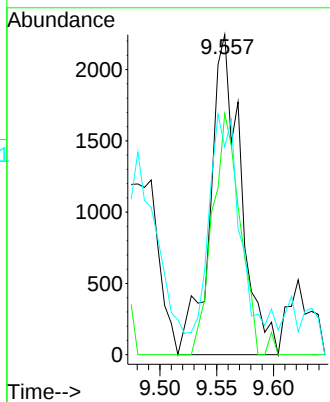
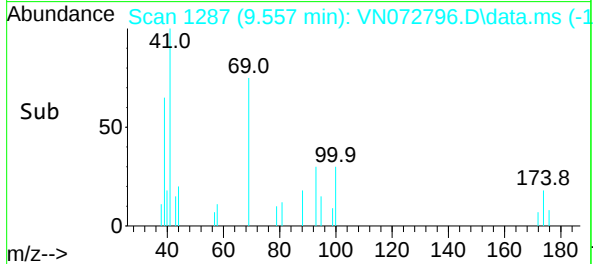
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001



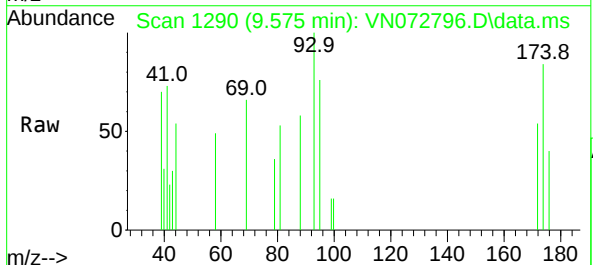
Tgt Ion: 41 Resp: 421
Ion Ratio Lower Upper
41 100
69 67.4 74.7 112.1
39 67.5 45.6 68.4

Manual Integrations
APPROVED

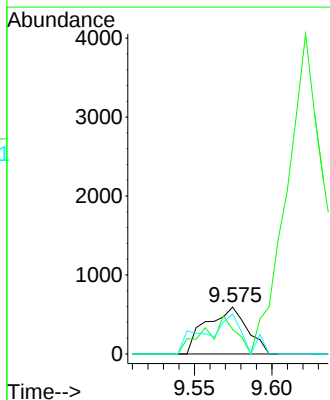
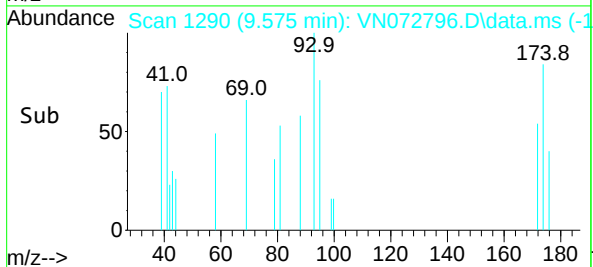
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

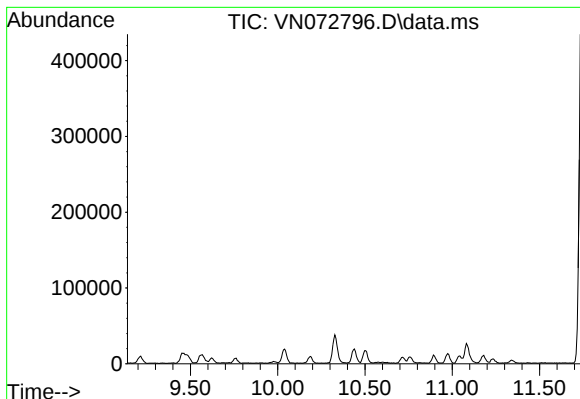


#49
1,4-Dioxane
Concen: 24.050 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.012 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29



Tgt Ion: 88 Resp: 1081
Ion Ratio Lower Upper
88 100
43 62.3 20.2 30.4
58 80.3 54.2 81.4





#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.44 min

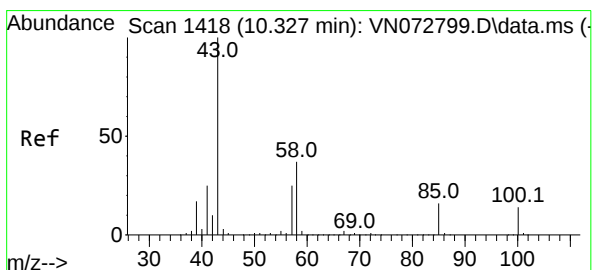
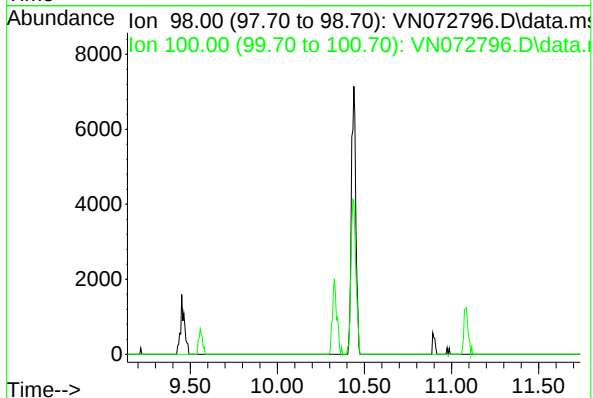
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 98
Sig Exp Ratio
98 100
100 65.7

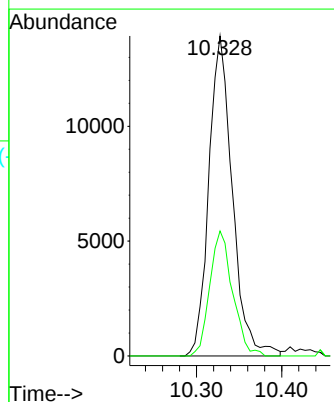
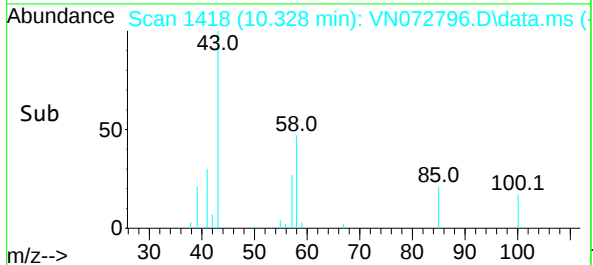
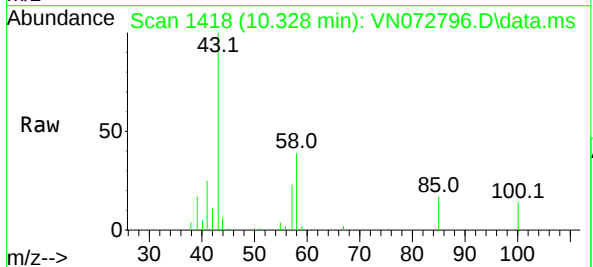
Manual Integrations
APPROVED

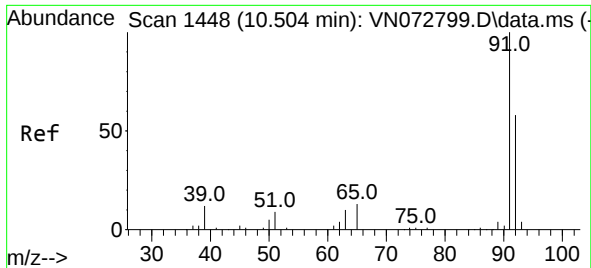
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#51
4-Methyl-2-Pentanone
Concen: 7.565 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

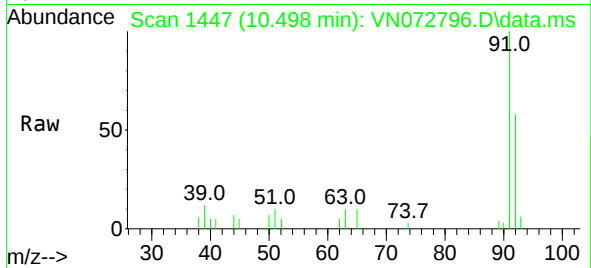
Tgt Ion: 43 Resp: 26760
Ion Ratio Lower Upper
43 100
58 37.9 34.1 51.1





#52
Toluene
Concen: 1.350 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

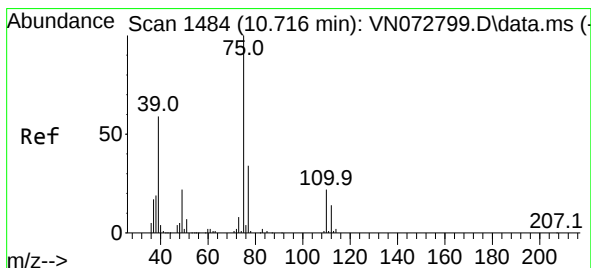
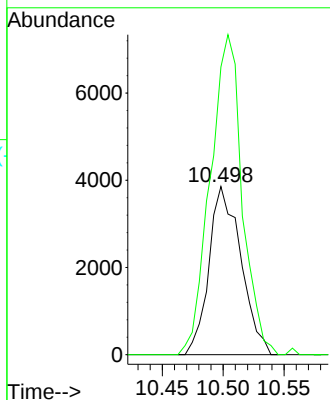
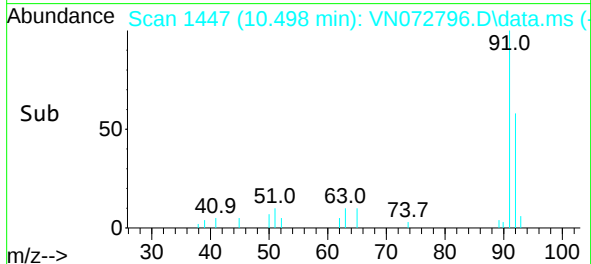
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



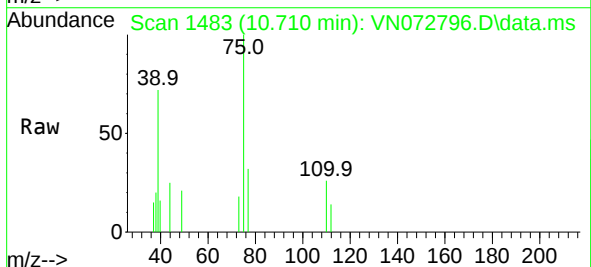
Tgt Ion: 92 Resp: 7040
Ion Ratio Lower Upper
92 100
91 190.5 138.6 207.8

Manual Integrations
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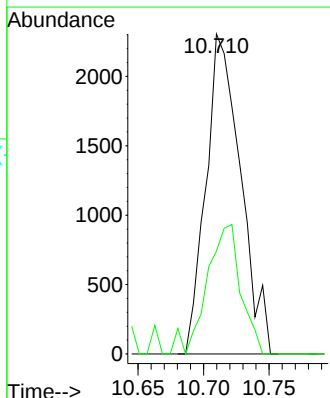
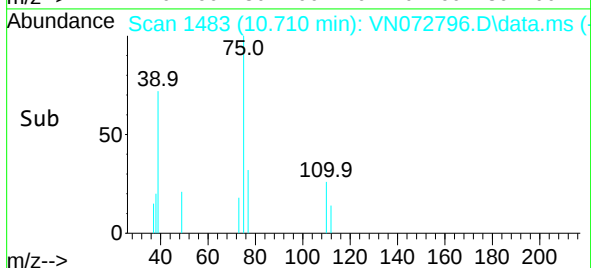
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

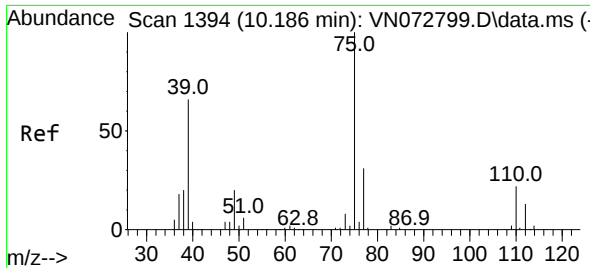


#53
t-1,3-Dichloropropene
Concen: 1.318 ug/l
RT: 10.710 min Scan# 1483
Delta R.T. -0.006 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29



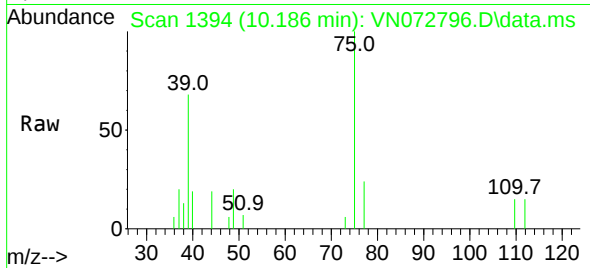
Tgt Ion: 75 Resp: 4235
Ion Ratio Lower Upper
75 100
77 32.1 25.6 38.4





#54
cis-1,3-Dichloropropene
Concen: 1.439 ug/l
RT: 10.186 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

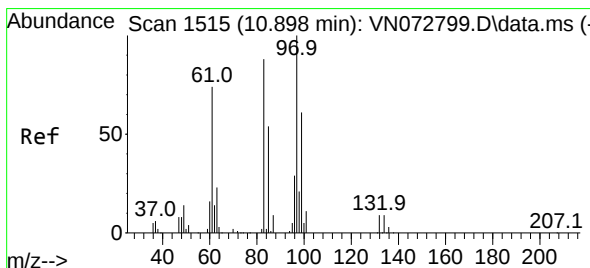
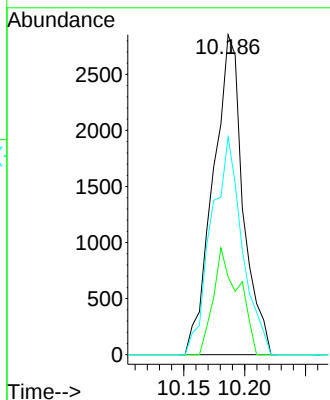
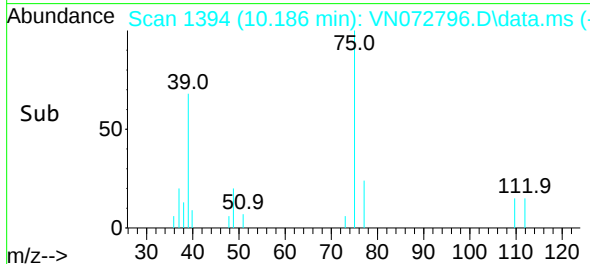
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



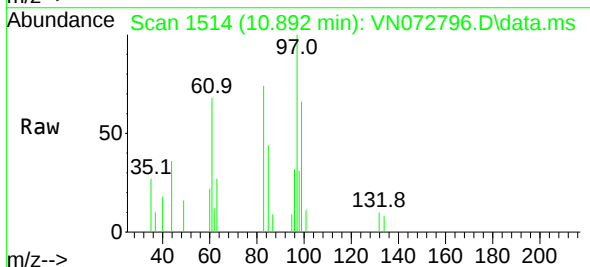
Tgt Ion: 75 Resp: 488
Ion Ratio Lower Upper
75 100
77 24.2 25.2 37.8
39 68.0 35.7 53.5

Manual Integrations
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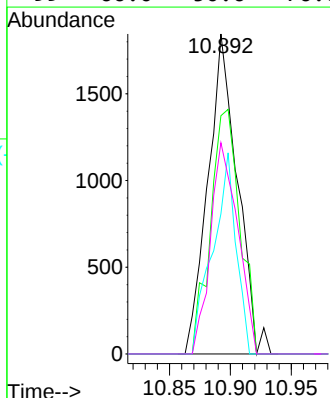
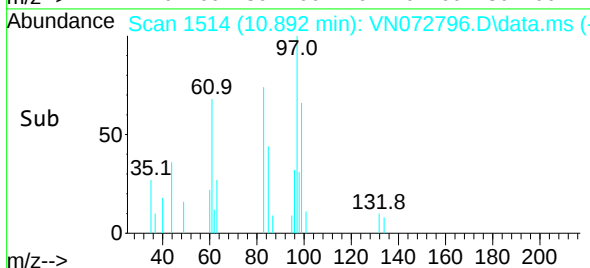
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

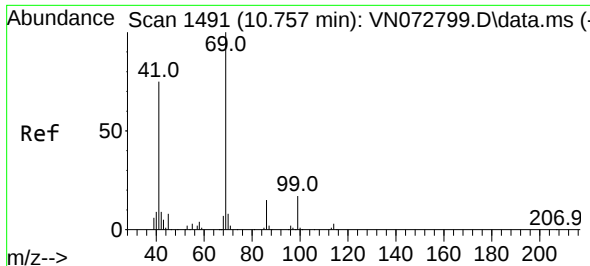


#55
1,1,2-Trichloroethane
Concen: 1.410 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. -0.006 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29



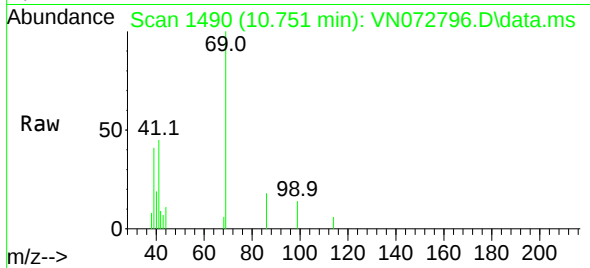
Tgt Ion: 97 Resp: 3107
Ion Ratio Lower Upper
97 100
83 74.5 66.2 99.4
85 43.8 43.9 65.9
99 66.0 50.6 76.0





#56
Ethyl methacrylate
Concen: 1.482 ug/l
RT: 10.751 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

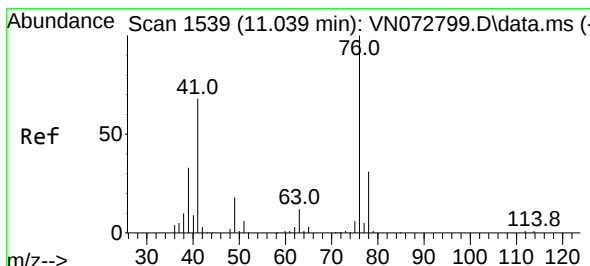
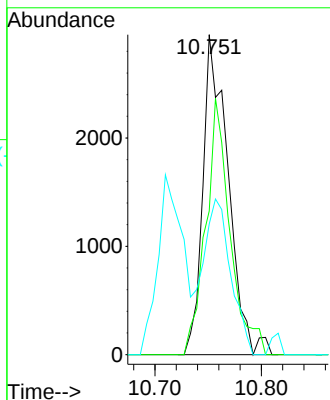
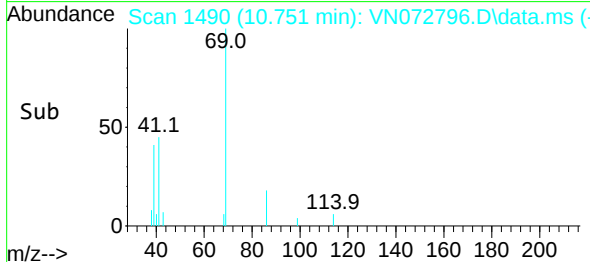
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion: 69 Resp: 486
Ion Ratio Lower Upper
69 100
41 76.8 47.8 71.6
39 49.7 27.3 40.9

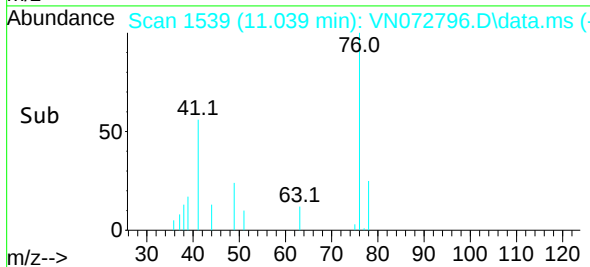
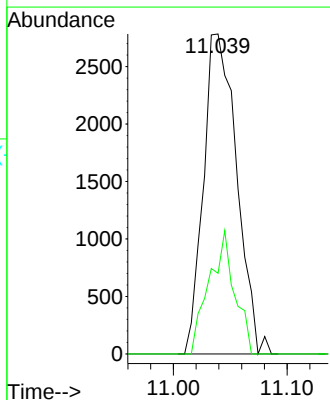
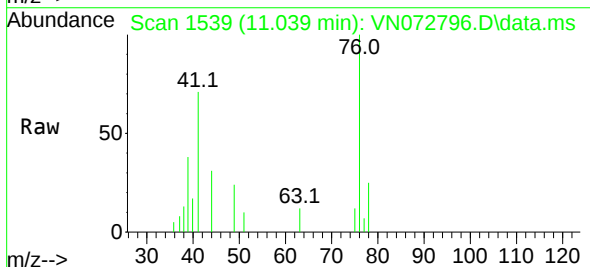
Manual Integrations
APPROVED

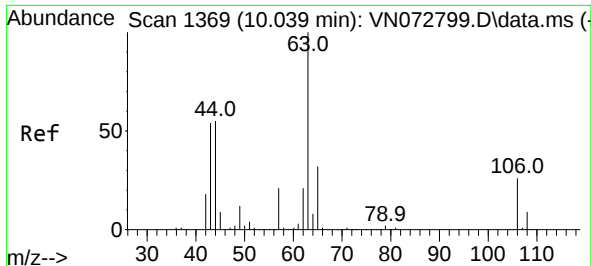
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#57
1,3-Dichloropropane
Concen: 1.500 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

Tgt Ion: 76 Resp: 5651
Ion Ratio Lower Upper
76 100
78 29.6 26.2 39.2





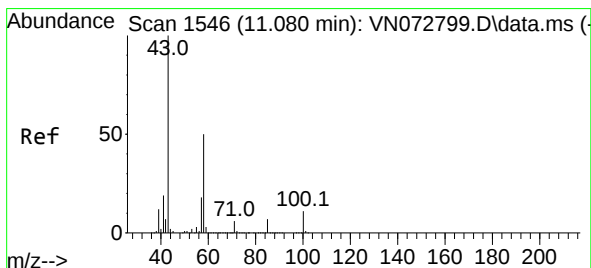
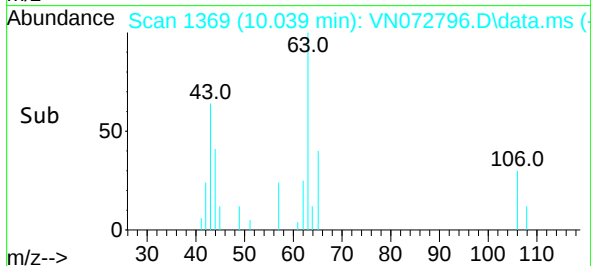
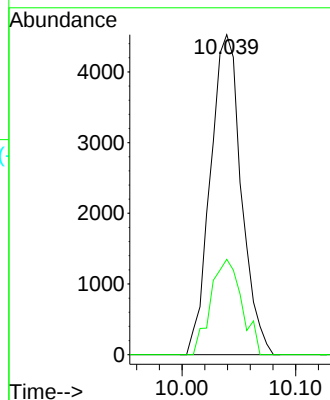
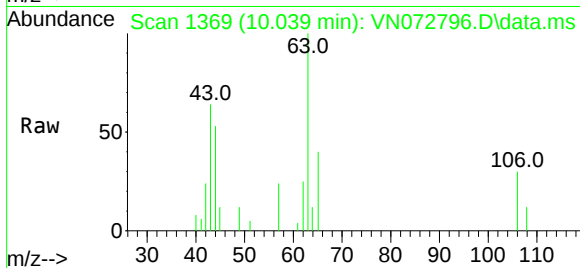
#58
2-Chloroethyl Vinyl ether
Concen: 9.732 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 63 Resp: 857
Ion Ratio Lower Upper
63 100
106 29.7 24.6 36.8

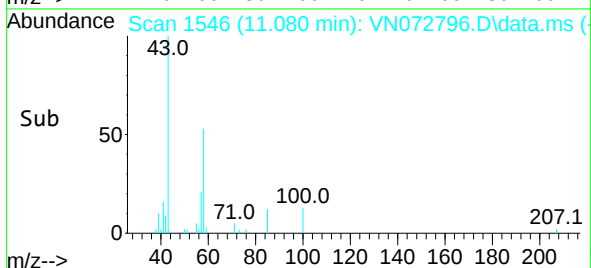
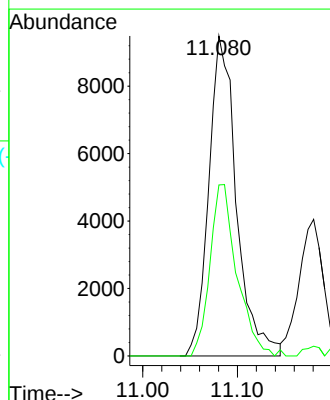
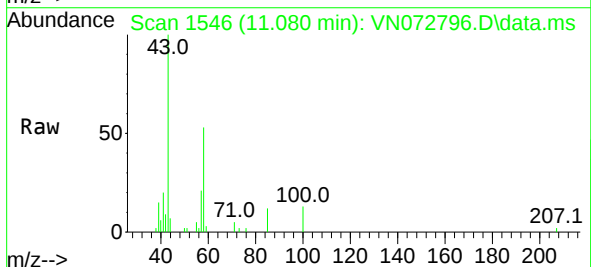
Manual Integrations
APPROVED

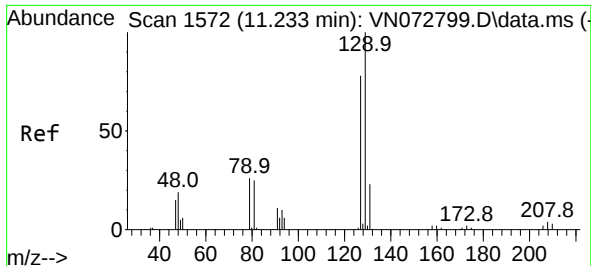
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#59
2-Hexanone
Concen: 7.578 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

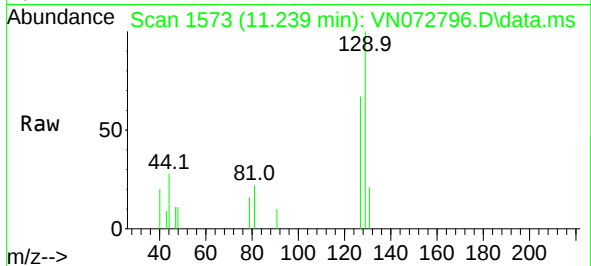
Tgt Ion: 43 Resp: 19196
Ion Ratio Lower Upper
43 100
58 52.4 29.7 89.1





#60
Dibromochloromethane
Concen: 1.253 ug/l
RT: 11.239 min Scan# 1572
Delta R.T. 0.006 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

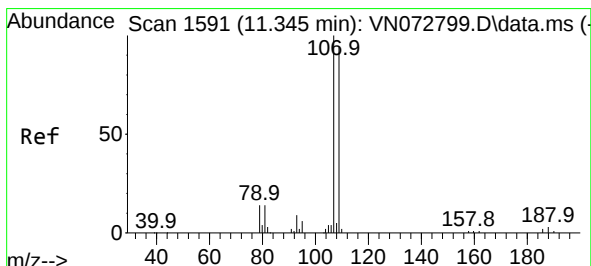
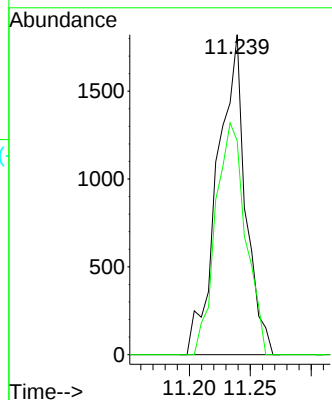
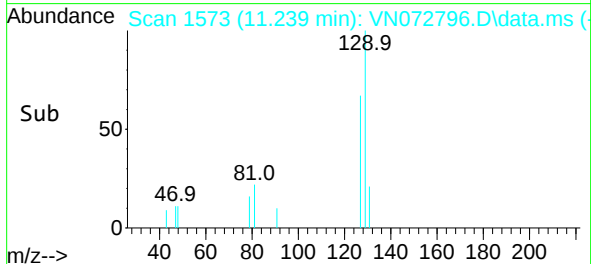
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



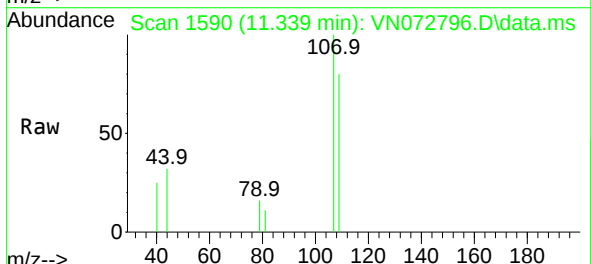
Tgt Ion:129 Resp: 2923
Ion Ratio Lower Upper
129 100
127 77.3 38.8 116.4

Manual Integrations
APPROVED

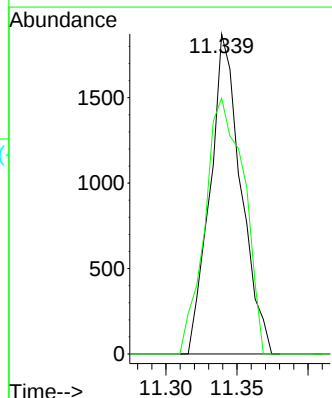
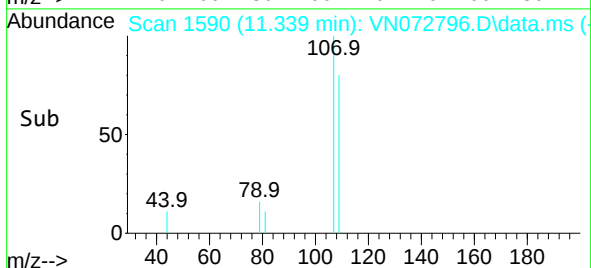
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

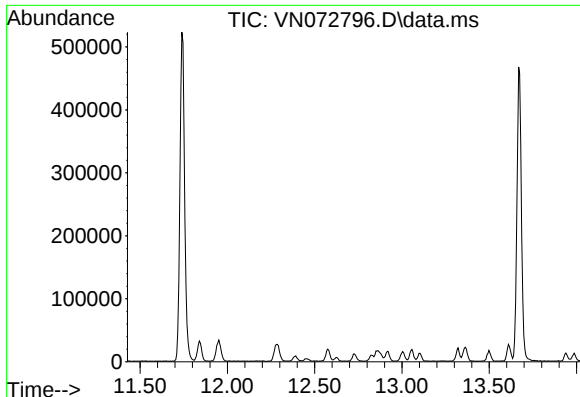


#61
1,2-Dibromoethane
Concen: 1.293 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29



Tgt Ion:107 Resp: 2836
Ion Ratio Lower Upper
107 100
109 100.8 75.0 112.6





#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.73 min
 Lab File: VN072796.D
 Acq: 13 Jun 2022 10:29

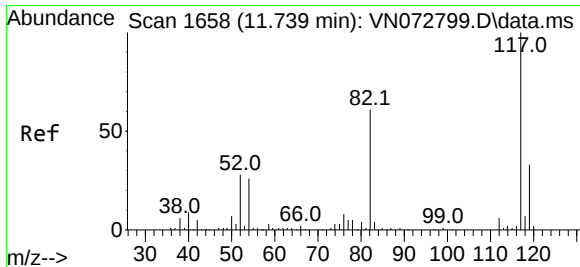
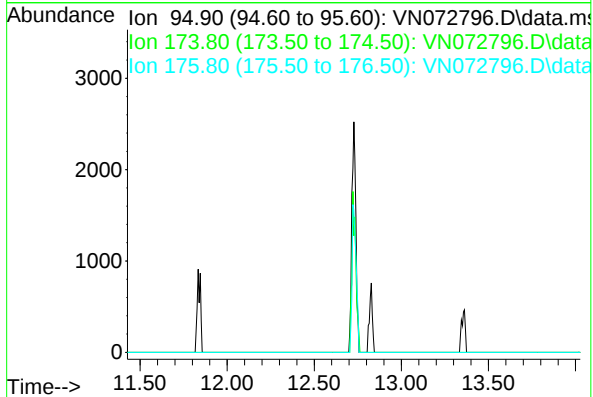
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 95

Sig	Exp Ratio
95	100
174	83.8
176	81.7

Manual Integrations APPROVED

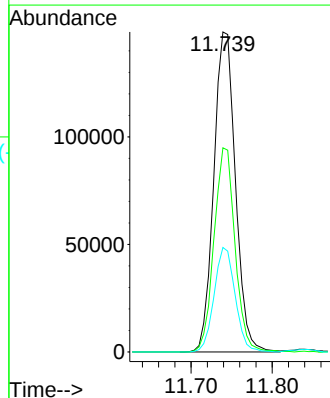
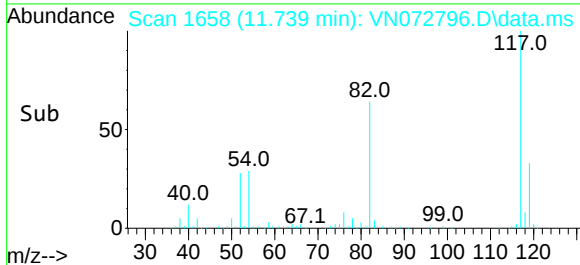
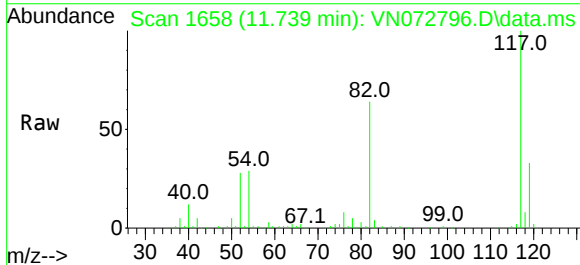
Reviewed By : John Carlone 06/14/2022
 Supervised By : Mahesh Dadoda 06/14/2022

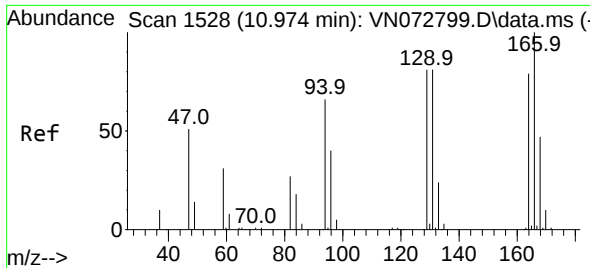


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.739 min Scan# 1658
 Delta R.T. 0.000 min
 Lab File: VN072796.D
 Acq: 13 Jun 2022 10:29

Tgt Ion: 117 Resp: 276026

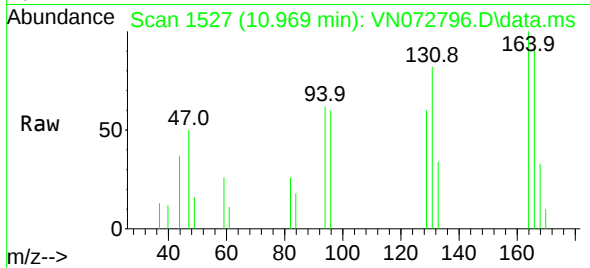
Ion	Ratio	Lower	Upper
117	100		
82	63.8	44.2	66.2
119	32.7	25.4	38.0





#64
Tetrachloroethene
Concen: 1.162 ug/l
RT: 10.969 min Scan# 1527
Delta R.T. -0.006 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

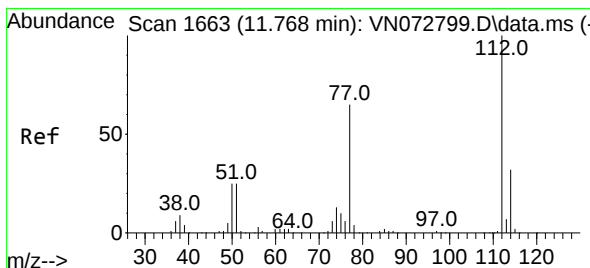
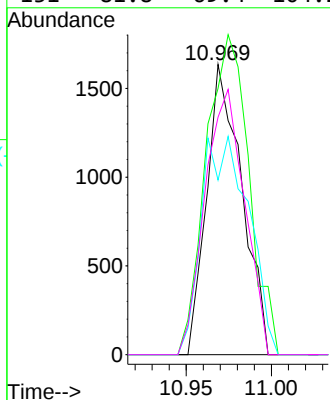
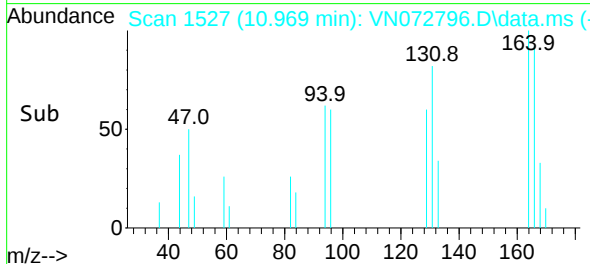
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:164 Resp: 234
Ion Ratio Lower Upper
164 100
166 91.7 104.2 156.2
129 60.2 73.9 110.9
131 81.8 69.4 104.2

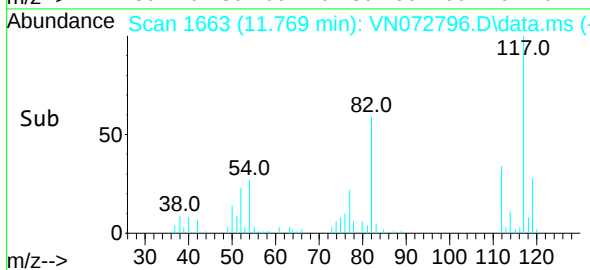
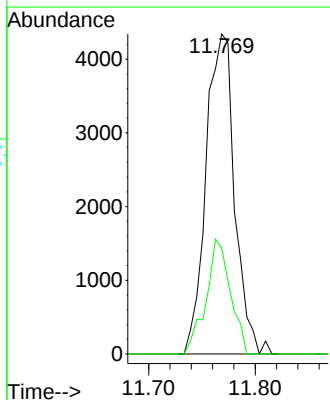
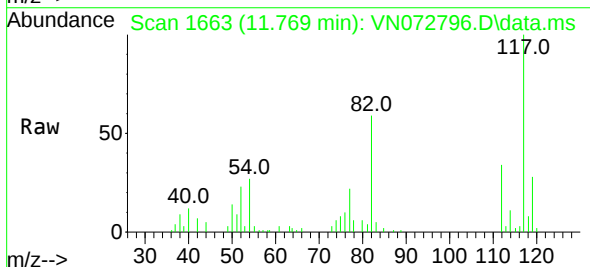
Manual Integrations
APPROVED

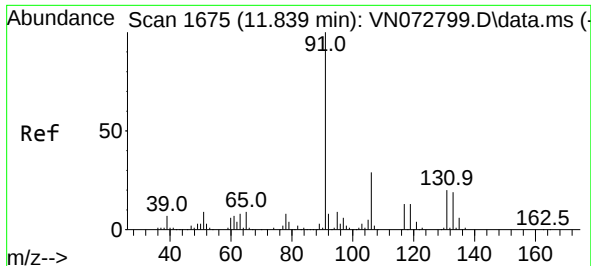
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#65
Chlorobenzene
Concen: 1.371 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

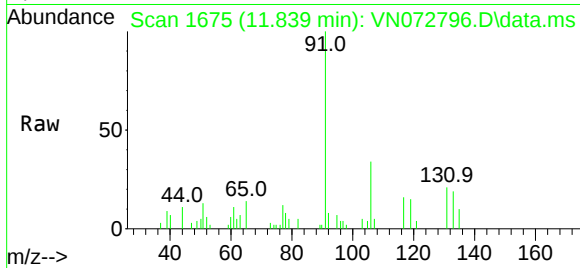
Tgt Ion:112 Resp: 8107
Ion Ratio Lower Upper
112 100
114 33.0 25.4 38.2





#66
1,1,1,2-Tetrachloroethane
Concen: 1.207 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

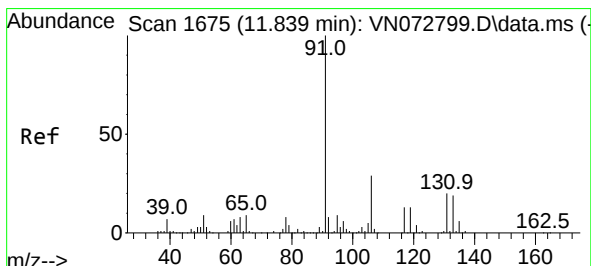
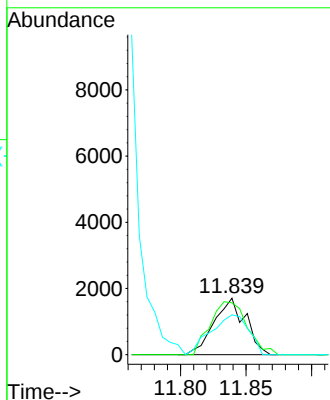
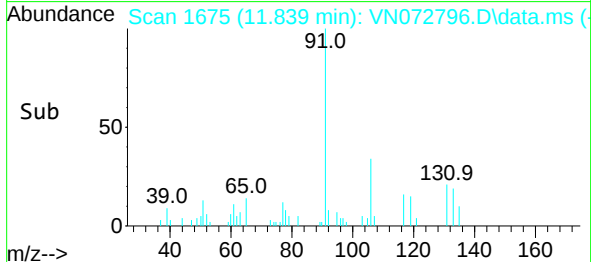
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



Tgt Ion:131 Resp: 286
Ion Ratio Lower Upper
131 100
133 109.2 47.8 143.4
119 0.0 33.4 100.2

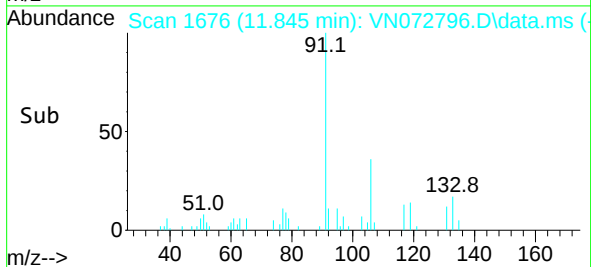
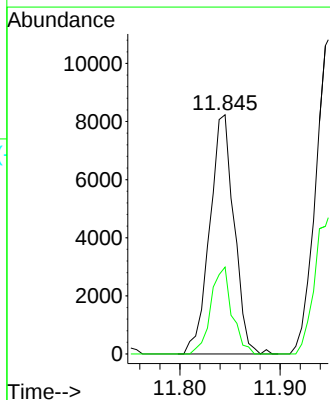
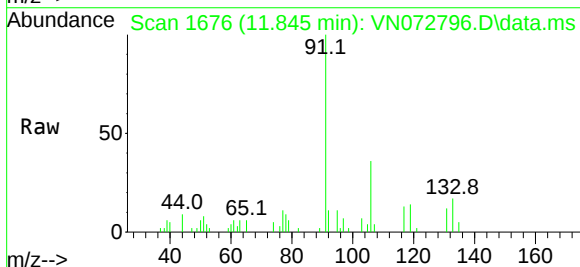
Manual Integrations
APPROVED

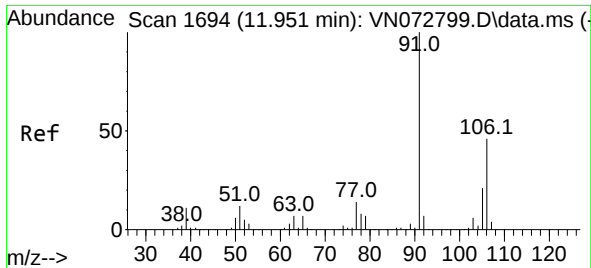
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#67
Ethyl Benzene
Concen: 1.345 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

Tgt Ion: 91 Resp: 13901
Ion Ratio Lower Upper
91 100
106 36.3 24.9 37.3





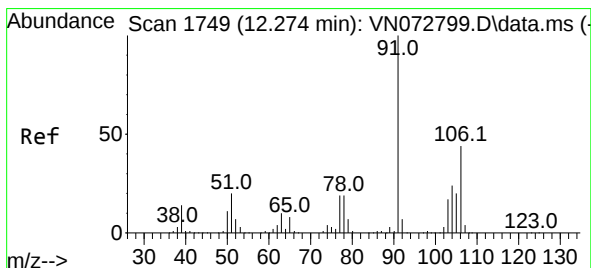
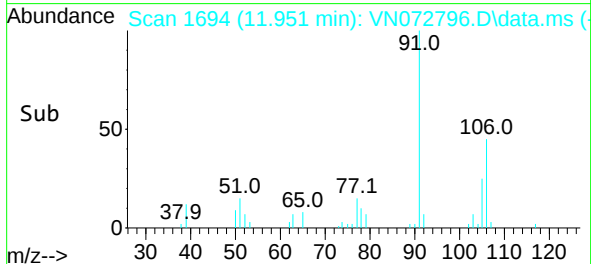
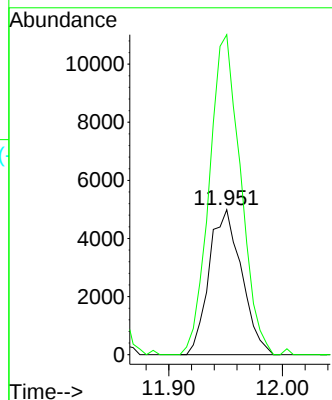
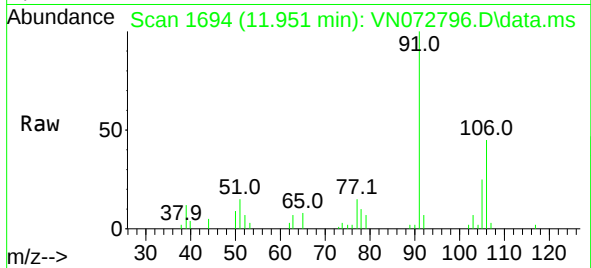
#68
m/p-Xylenes
Concen: 2.572 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:106 Resp: 9920
Ion Ratio Lower Upper
106 100
91 212.6 158.9 238.3

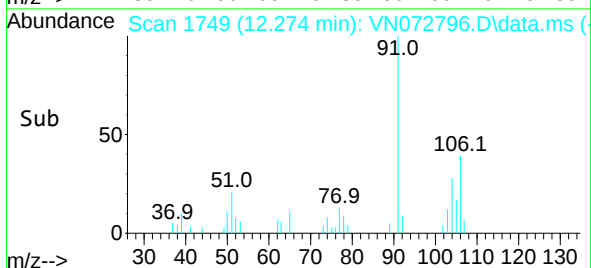
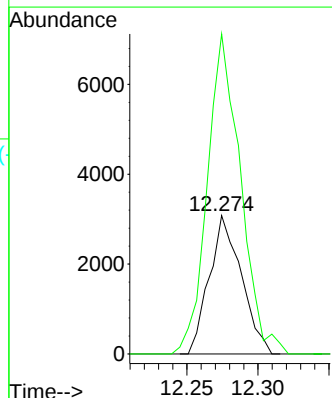
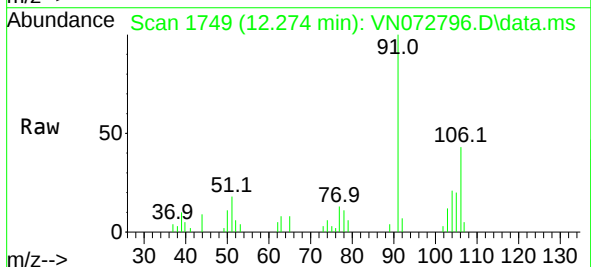
Manual Integrations
APPROVED

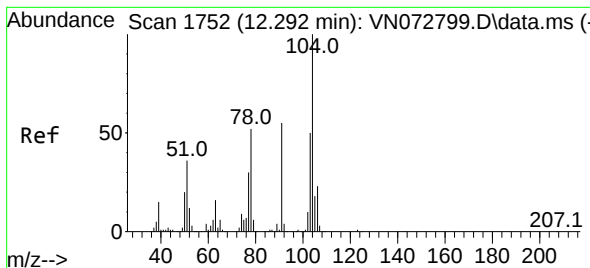
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#69
o-Xylene
Concen: 1.268 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

Tgt Ion:106 Resp: 4840
Ion Ratio Lower Upper
106 100
91 239.4 106.0 318.0





#70

Styrene

Concen: 1.209 ug/l

RT: 12.292 min Scan# 1752

Delta R.T. 0.000 min

Lab File: VN072796.D

Acq: 13 Jun 2022 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

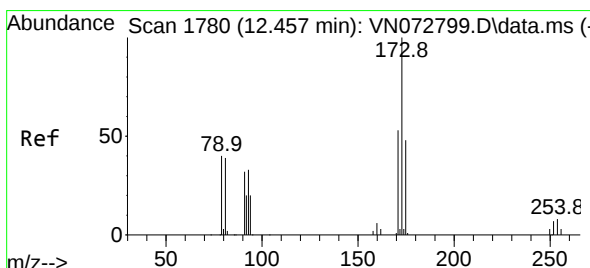
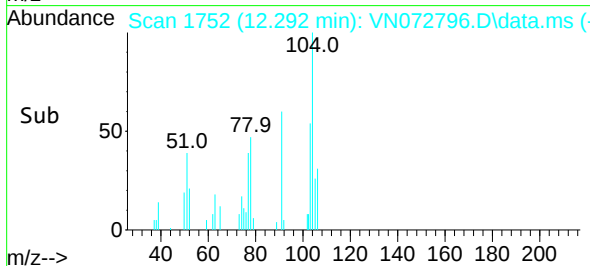
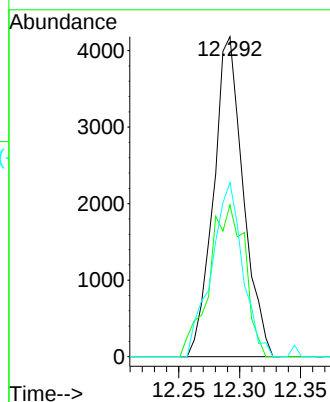
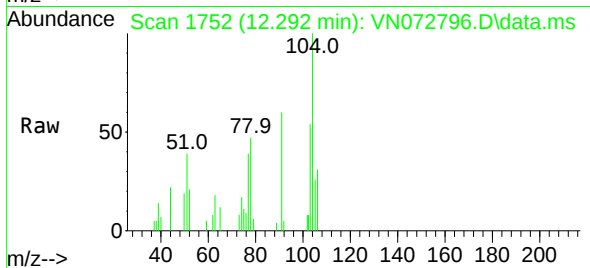
Tgt Ion:	104	Resp:	710
Ion Ratio	Lower	Upper	
104	100		
78	56.8	39.5	59.3
103	57.3	44.0	66.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#71

Bromoform

Concen: 1.043 ug/l

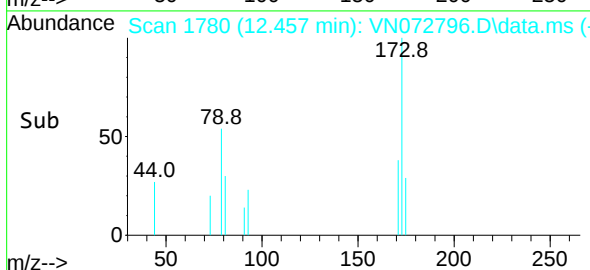
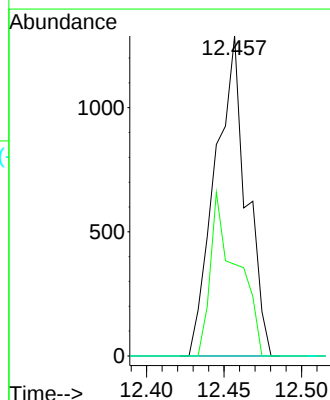
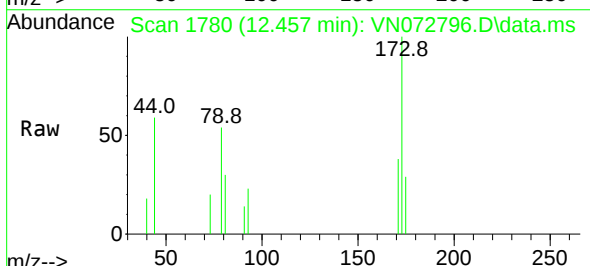
RT: 12.457 min Scan# 1780

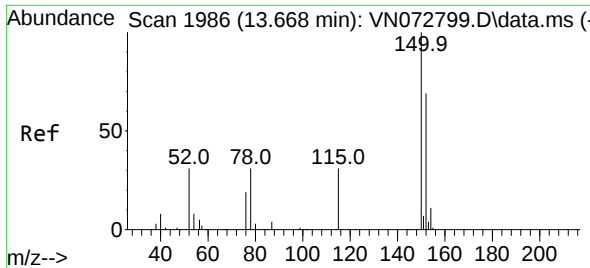
Delta R.T. 0.000 min

Lab File: VN072796.D

Acq: 13 Jun 2022 10:29

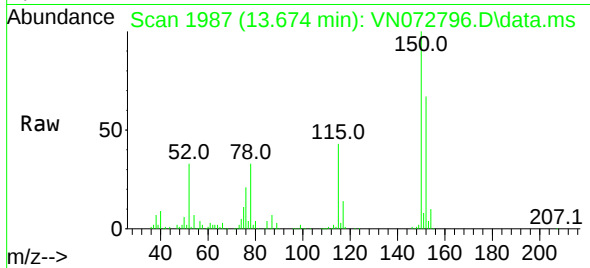
Tgt Ion:	173	Resp:	1811
Ion Ratio	Lower	Upper	
173	100		
175	43.0	24.6	73.6
254	0.0	0.1	0.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

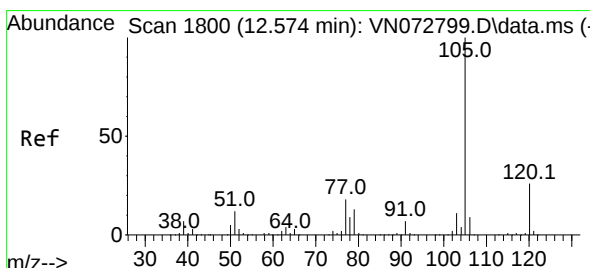
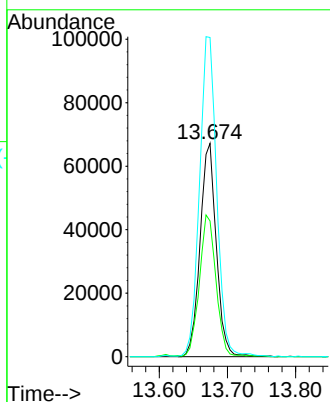
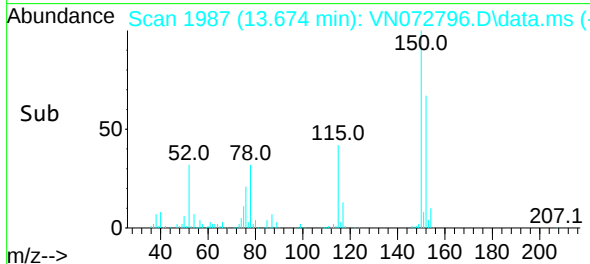
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



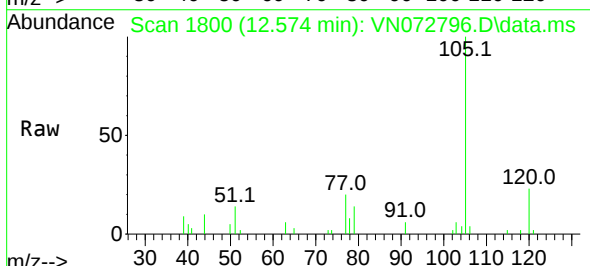
Tgt Ion:152 Resp: 11126
Ion Ratio Lower Upper
152 100
115 68.4 28.9 86.7
150 159.0 0.0 356.2

Manual Integrations
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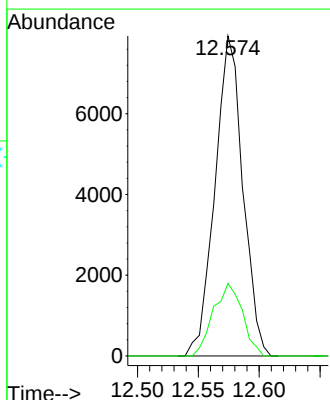
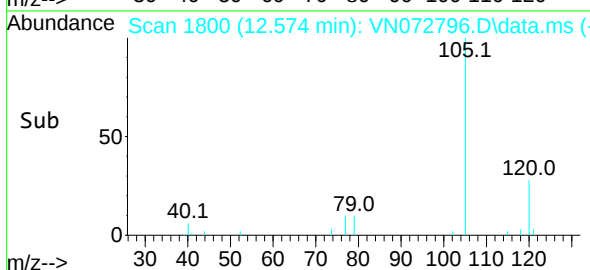
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

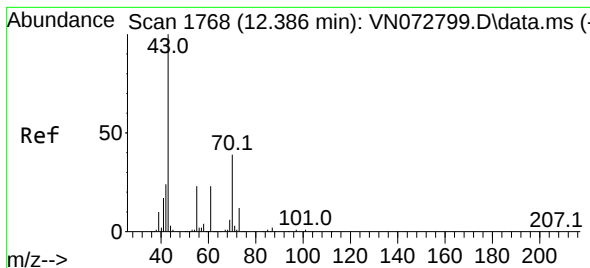


#73
Isopropylbenzene
Concen: 1.334 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29



Tgt Ion:105 Resp: 12632
Ion Ratio Lower Upper
105 100
120 23.6 13.5 40.4





#74

N-amy1 acetate

Concen: 1.402 ug/l

RT: 12.392 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VN072796.D

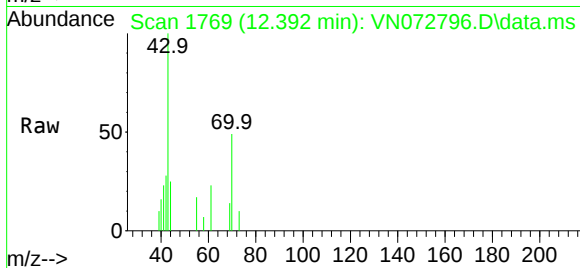
Acq: 13 Jun 2022 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001



Tgt Ion: 43 Resp: 5118

Ion Ratio Lower Upper

43 100

70 38.1 39.0 58.4

55 18.2 21.1 31.7

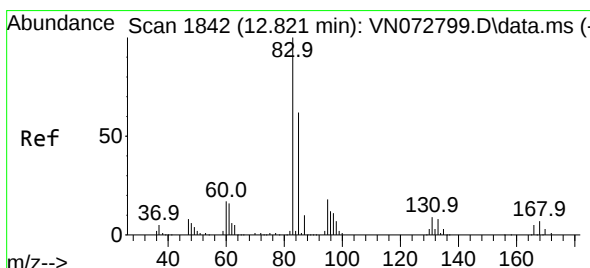
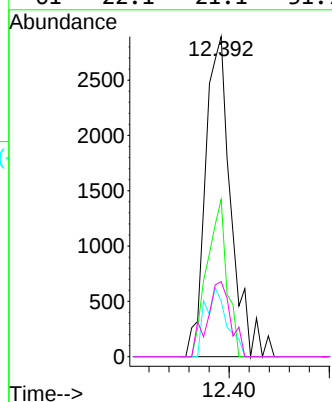
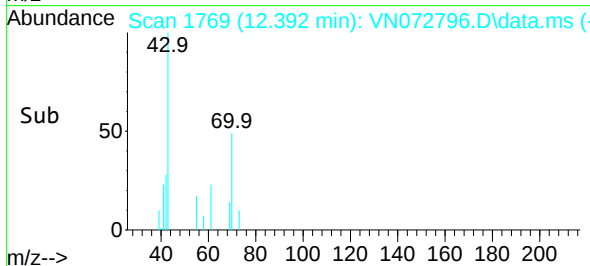
61 22.1 21.1 31.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#75

1,1,2,2-Tetrachloroethane

Concen: 1.303 ug/l

RT: 12.821 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VN072796.D

Acq: 13 Jun 2022 10:29

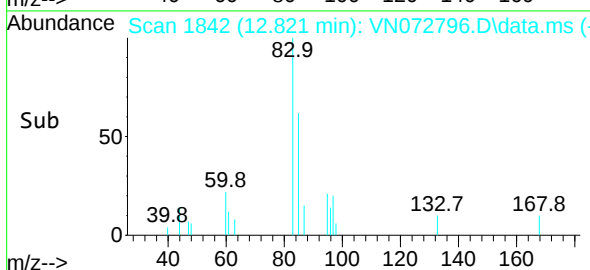
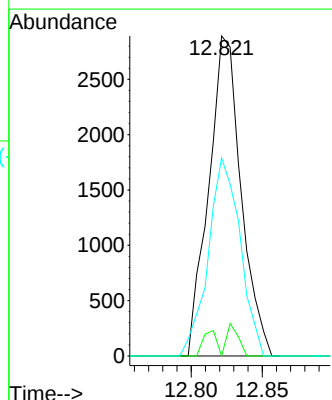
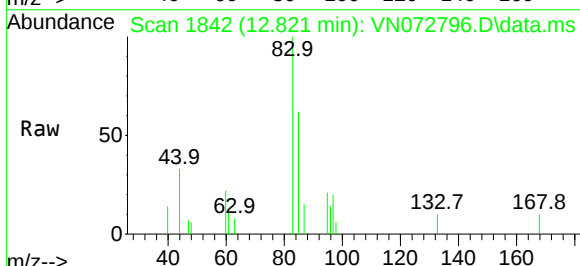
Tgt Ion: 83 Resp: 4575

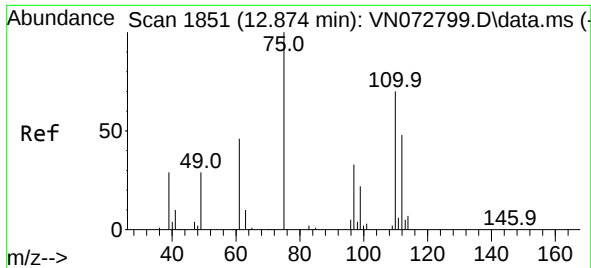
Ion Ratio Lower Upper

83 100

131 3.6 5.3 15.9

85 60.9 32.3 96.9





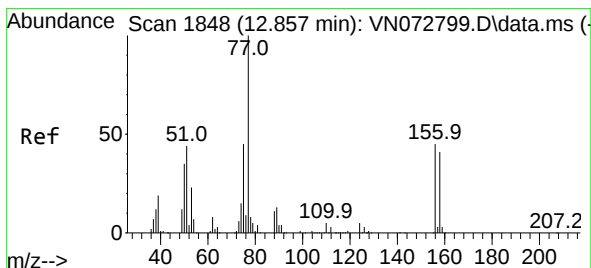
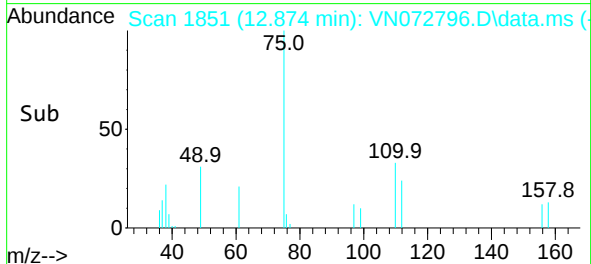
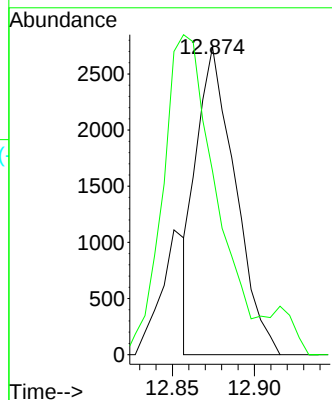
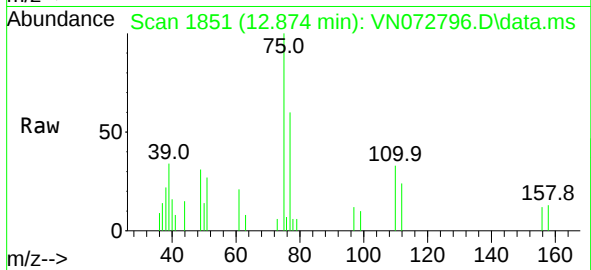
#76
1,2,3-Trichloropropane
Concen: 1.455 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion: 75 Resp: 451
Ion Ratio Lower Upper
75 100
77 145.4 98.5 295.5

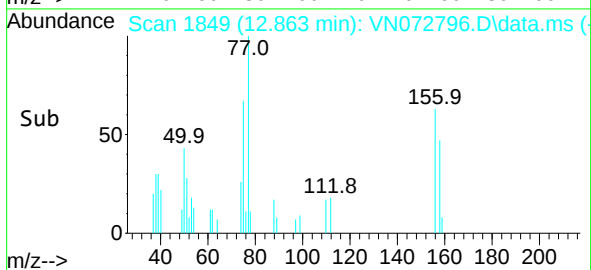
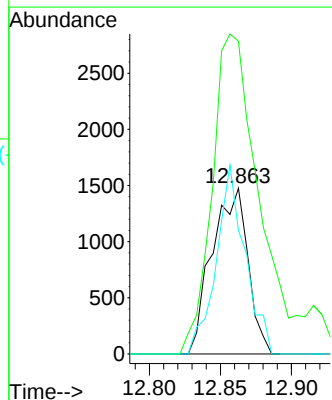
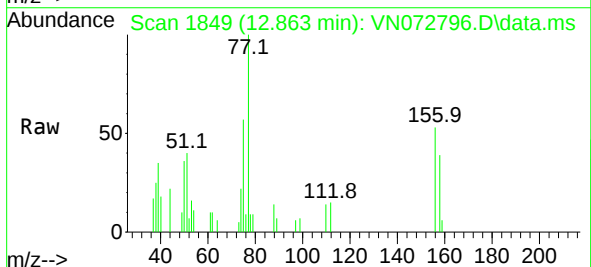
Manual Integrations
APPROVED

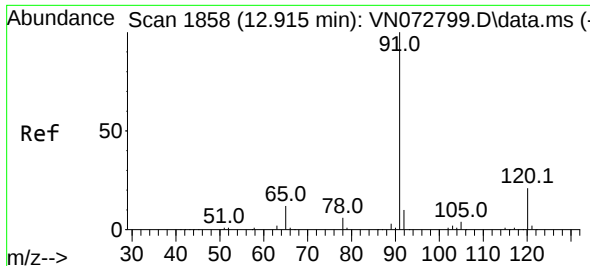
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#77
Bromobenzene
Concen: 1.176 ug/l
RT: 12.863 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

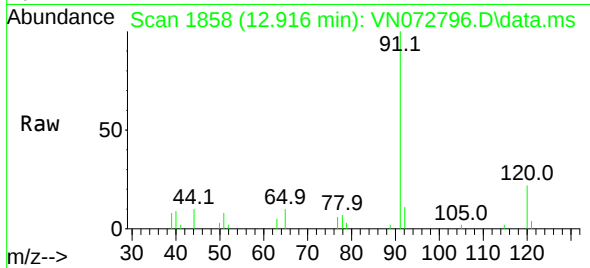
Tgt Ion:156 Resp: 2594
Ion Ratio Lower Upper
156 100
77 253.1 100.5 301.5
158 91.2 48.9 146.6





#78
n-propylbenzene
Concen: 1.228 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

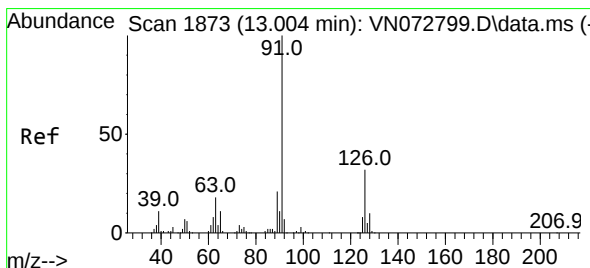
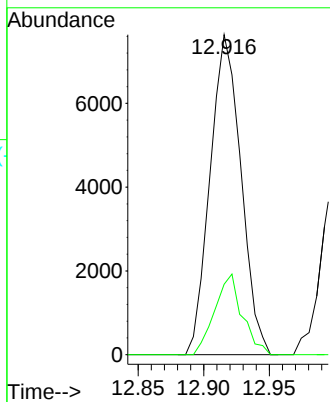
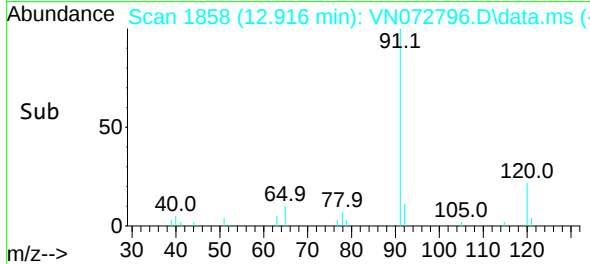
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



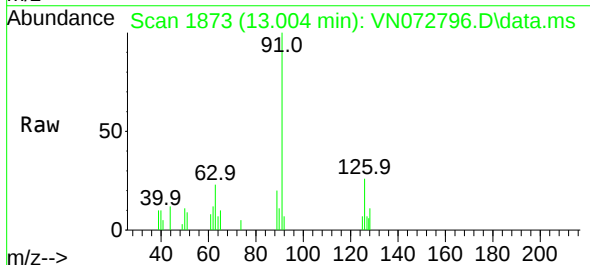
Tgt Ion: 91 Resp: 12528
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.5

Manual Integrations
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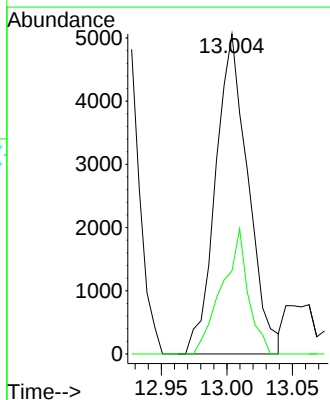
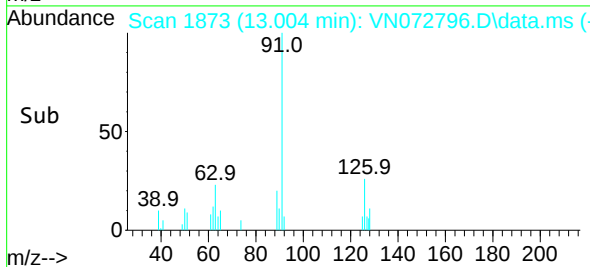
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

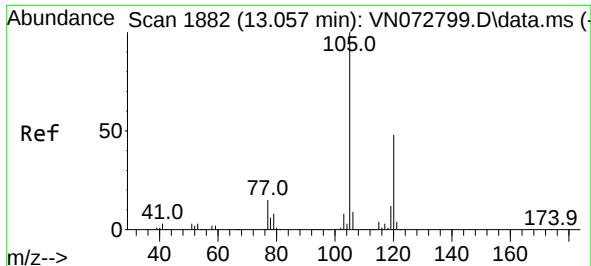


#79
2-Chlorotoluene
Concen: 1.307 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29



Tgt Ion: 91 Resp: 8714
Ion Ratio Lower Upper
91 100
126 31.5 17.3 51.9





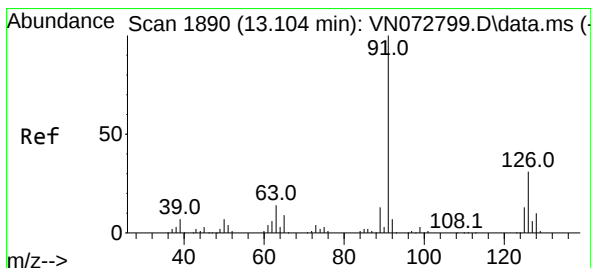
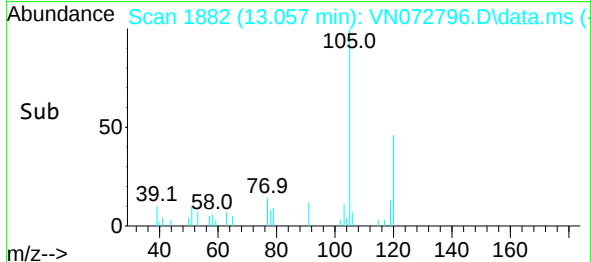
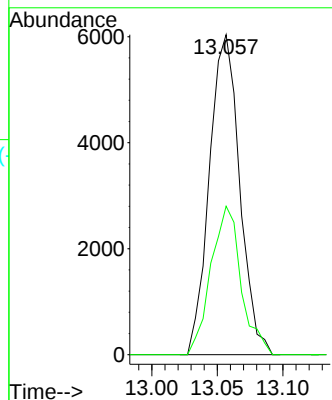
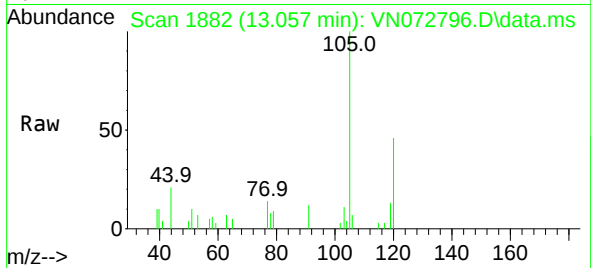
#80
1,3,5-Trimethylbenzene
Concen: 1.258 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:105 Resp: 9690
Ion Ratio Lower Upper
105 100
120 46.2 24.9 74.7

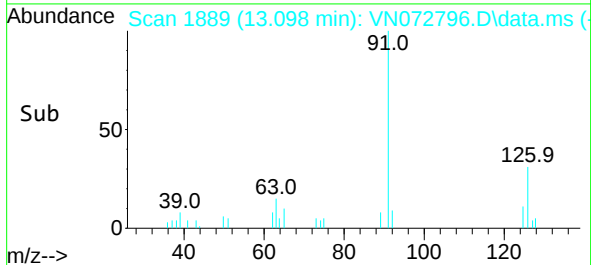
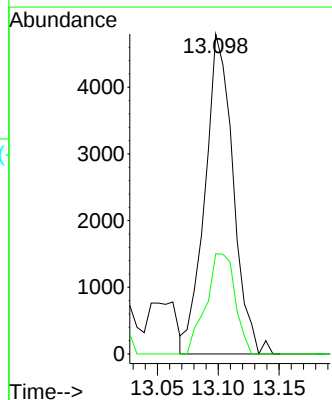
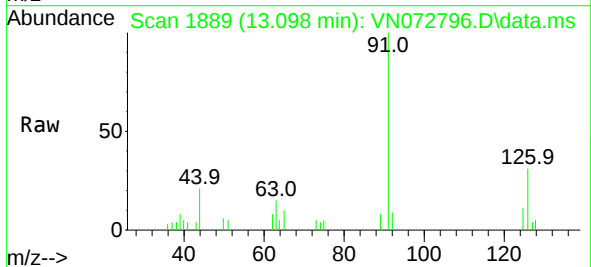
Manual Integrations
APPROVED

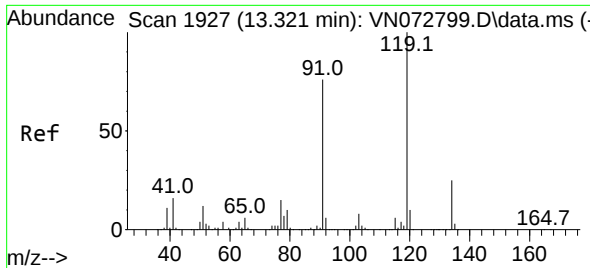
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#82
4-Chlorotoluene
Concen: 1.223 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

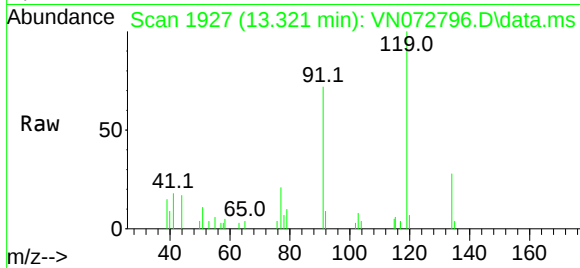
Tgt Ion: 91 Resp: 7704
Ion Ratio Lower Upper
91 100
126 32.2 17.2 51.6





#83
 tert-Butylbenzene
 Concen: 1.339 ug/l
 RT: 13.321 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: VN072796.D
 Acq: 13 Jun 2022 10:29

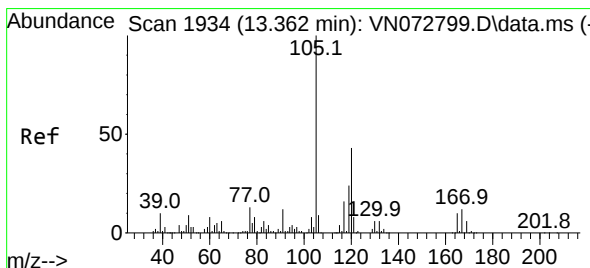
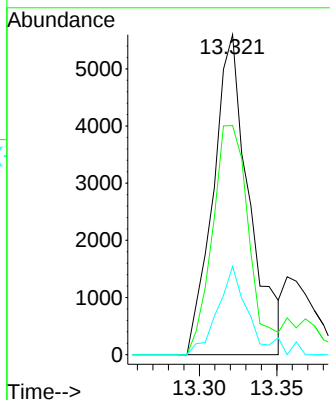
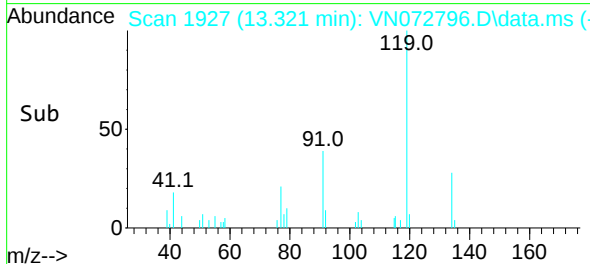
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001



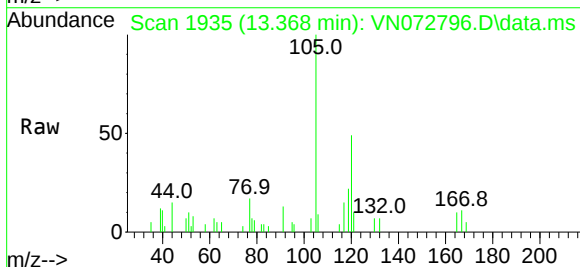
Tgt Ion:119 Resp: 9045
 Ion Ratio Lower Upper
 119 100
 91 72.7 31.6 94.8
 134 24.1 13.7 41.1

Manual Integrations
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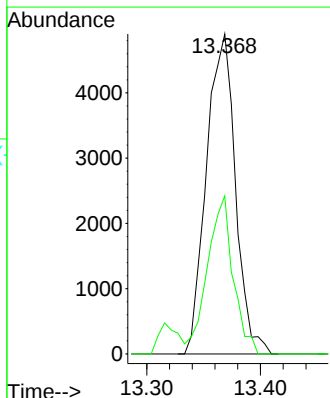
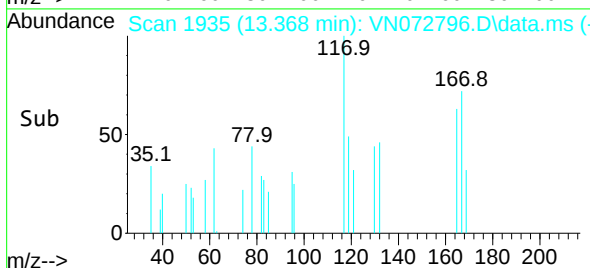
Reviewed By :John Carbone 06/14/2022
 Supervised By :Mahesh Dadoda 06/14/2022

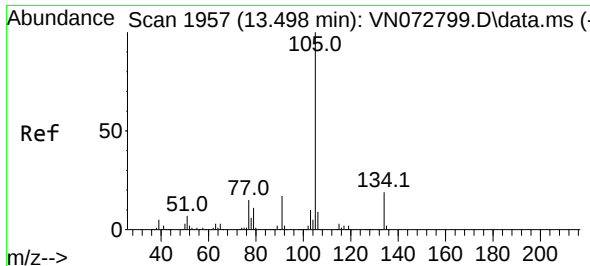


#84
 1,2,4-Trimethylbenzene
 Concen: 1.155 ug/l
 RT: 13.368 min Scan# 1935
 Delta R.T. 0.006 min
 Lab File: VN072796.D
 Acq: 13 Jun 2022 10:29



Tgt Ion:105 Resp: 8698
 Ion Ratio Lower Upper
 105 100
 120 43.6 23.3 69.8





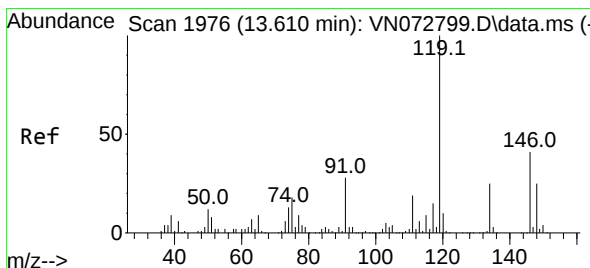
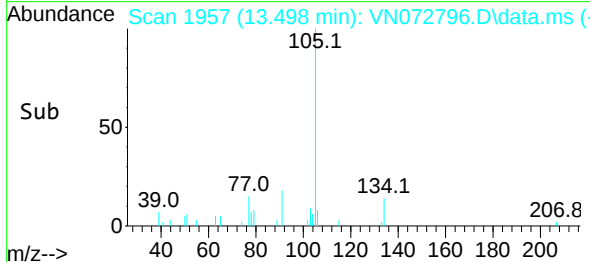
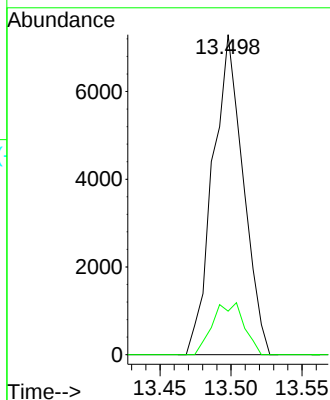
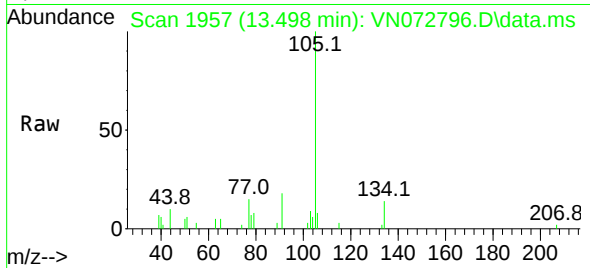
#85
 sec-Butylbenzene
 Concen: 1.198 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072796.D
 Acq: 13 Jun 2022 10:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion:105 Resp: 10878
 Ion Ratio Lower Upper
 105 100
 134 16.7 10.4 31.1

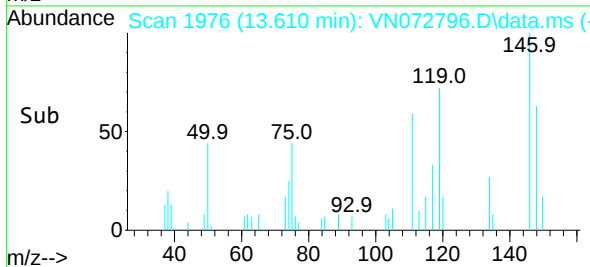
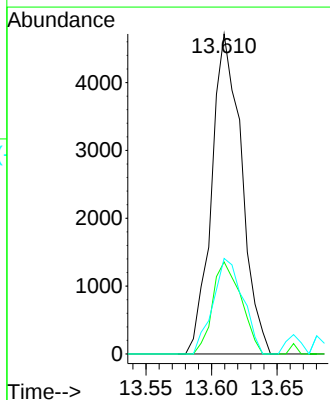
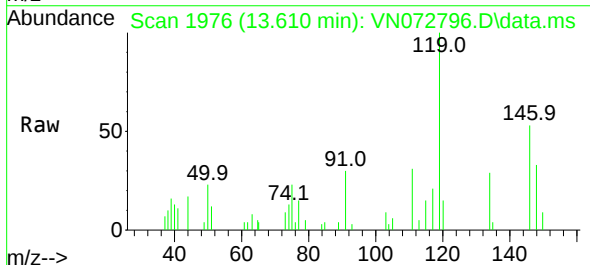
Manual Integrations
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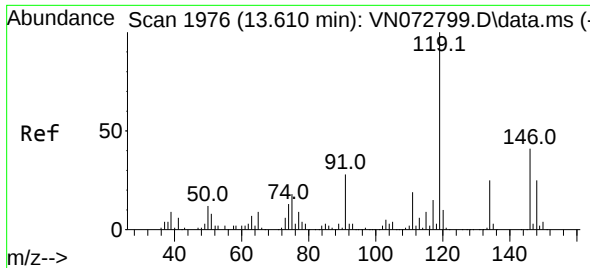
Reviewed By :John Carlone 06/14/2022
 Supervised By :Mahesh Dadoda 06/14/2022



#86
 p-Isopropyltoluene
 Concen: 1.064 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072796.D
 Acq: 13 Jun 2022 10:29

Tgt Ion:119 Resp: 7493
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.3 39.8
 91 29.9 11.3 33.9





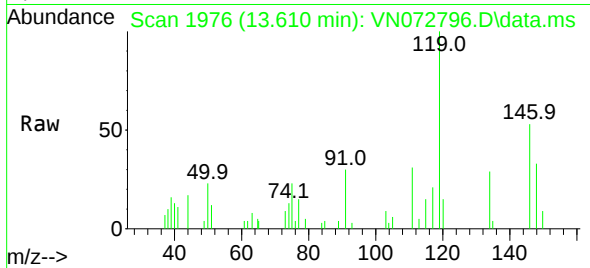
#87
 1,3-Dichlorobenzene
 Concen: 1.115 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072796.D
 Acq: 13 Jun 2022 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

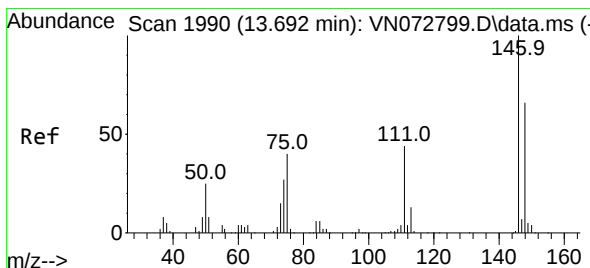
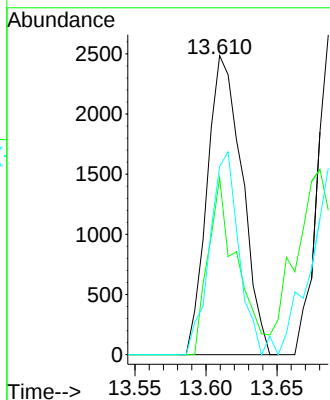
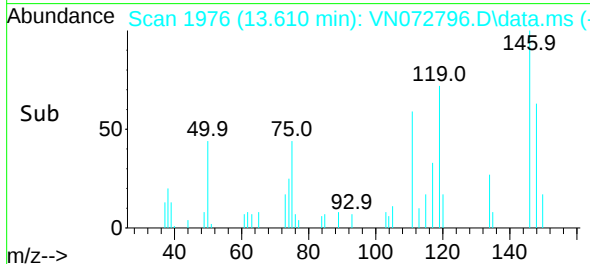


Tgt Ion:146 Resp: 4249
 Ion Ratio Lower Upper
 146 100
 111 49.5 20.0 60.0
 148 57.4 32.0 96.0

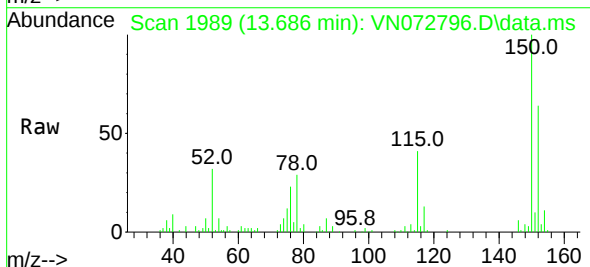
Manual Integrations

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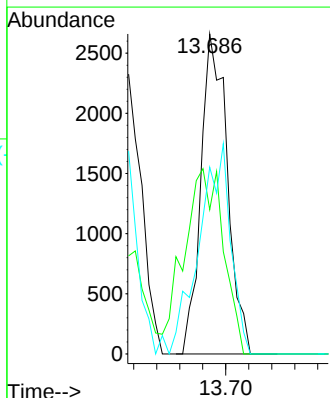
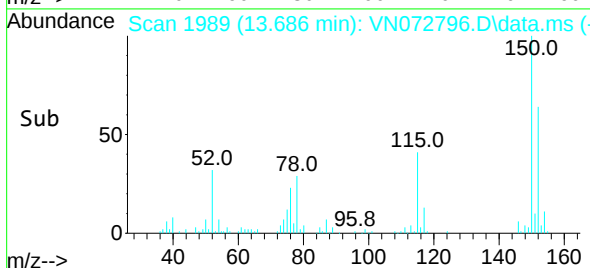
Reviewed By :John Carlone 06/14/2022
 Supervised By :Mahesh Dadoda 06/14/2022

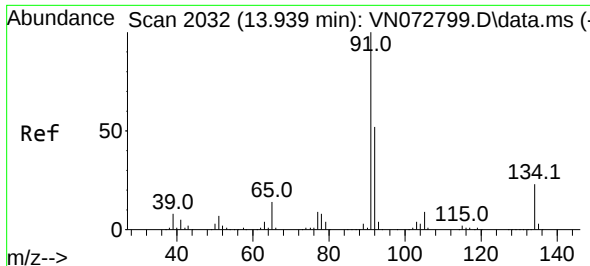


#88
 1,4-Dichlorobenzene
 Concen: 1.111 ug/l m
 RT: 13.686 min Scan# 1989
 Delta R.T. -0.006 min
 Lab File: VN072796.D
 Acq: 13 Jun 2022 10:29



Tgt Ion:146 Resp: 4230
 Ion Ratio Lower Upper
 146 100
 111 49.7 19.1 57.1
 148 57.6 31.4 94.3





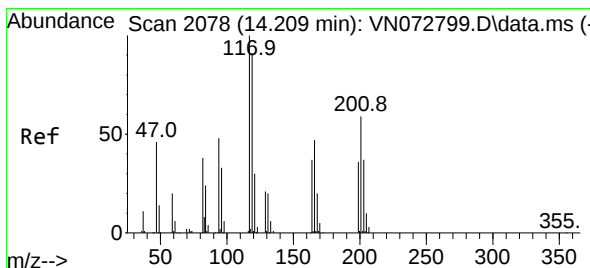
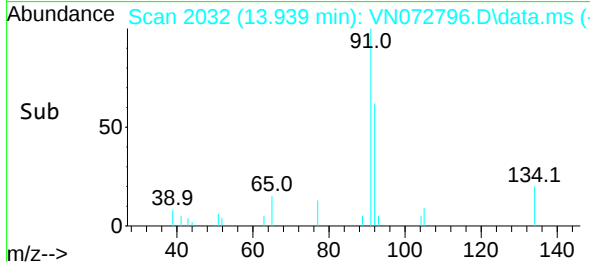
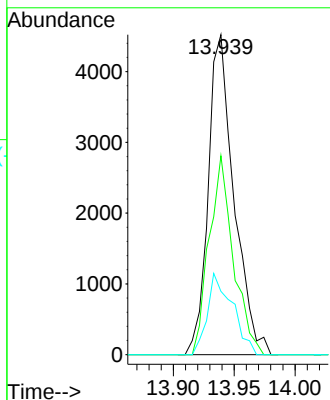
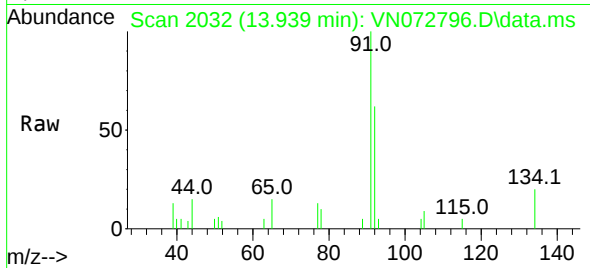
#89
n-Butylbenzene
Concen: 1.211 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

Tgt Ion: 91 Resp: 666
Ion Ratio Lower Upper
91 100
92 58.5 26.9 80.7
134 24.6 13.6 40.8

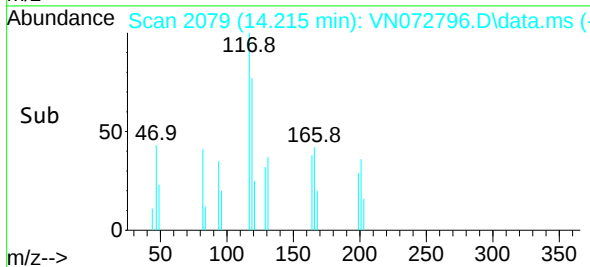
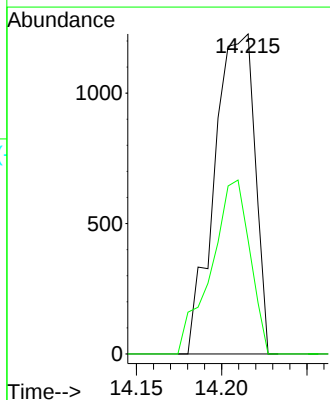
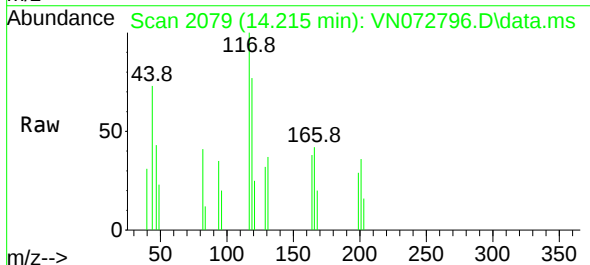
Manual Integrations
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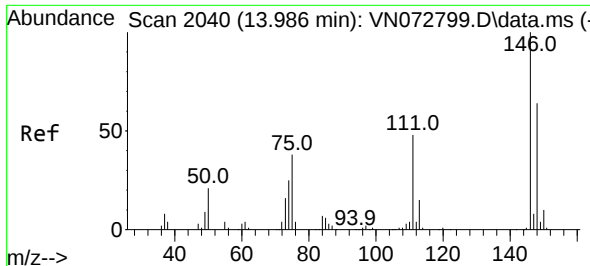
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#90
Hexachloroethane
Concen: 1.404 ug/l
RT: 14.215 min Scan# 2079
Delta R.T. 0.006 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

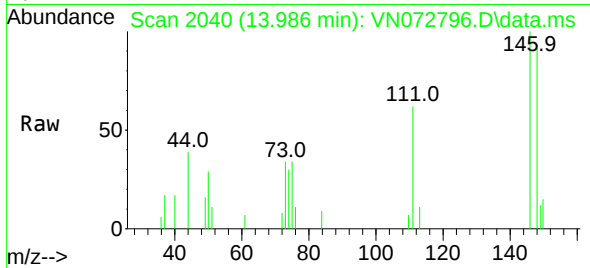
Tgt Ion:117 Resp: 2022
Ion Ratio Lower Upper
117 100
201 52.0 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 1.121 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

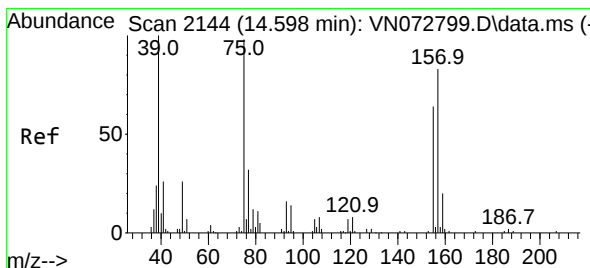
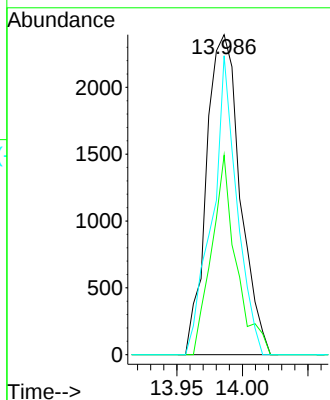
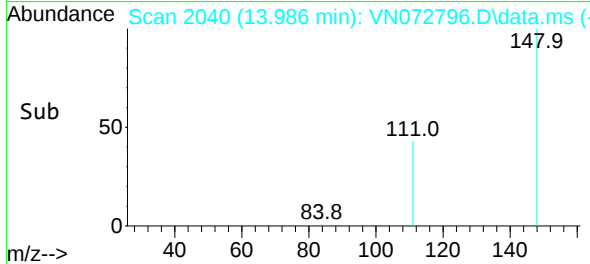
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



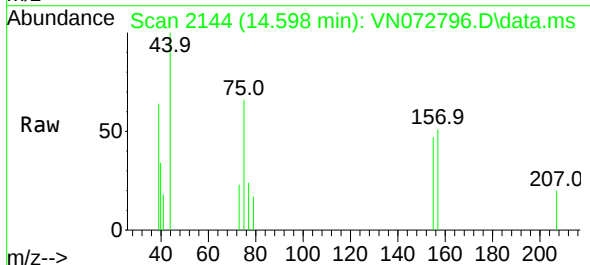
Tgt Ion:146 Resp: 4269
Ion Ratio Lower Upper
146 100
111 45.5 20.9 62.8
148 68.7 32.1 96.3

Manual Integrations
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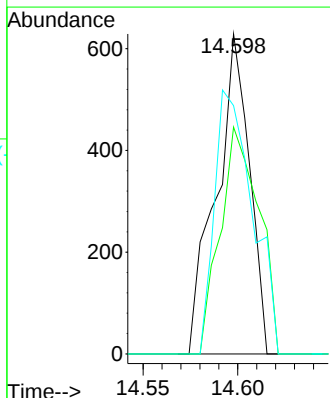
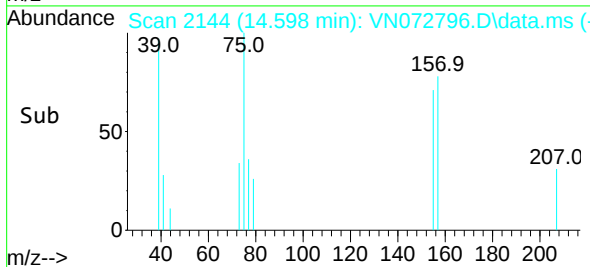
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

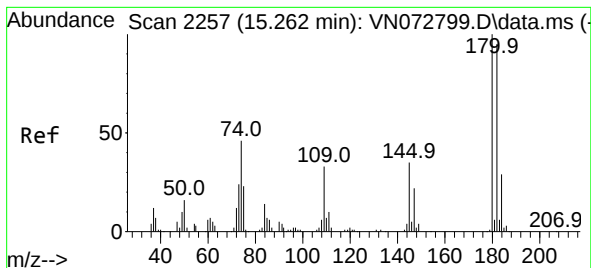


#92
1,2-Dibromo-3-Chloropropane
Concen: 1.220 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29



Tgt Ion: 75 Resp: 769
Ion Ratio Lower Upper
75 100
155 82.3 44.9 134.5
157 94.1 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 1.005 ug/l

RT: 15.268 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN072796.D

Acq: 13 Jun 2022 10:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

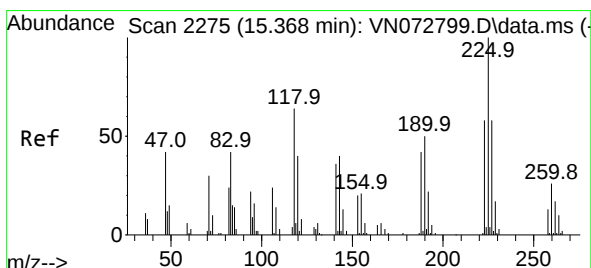
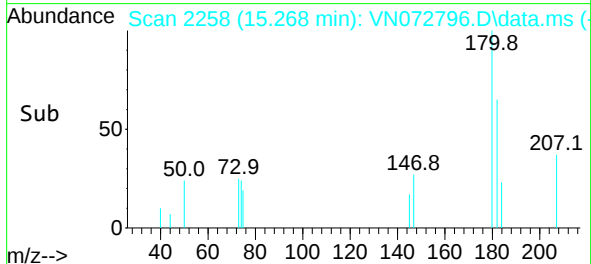
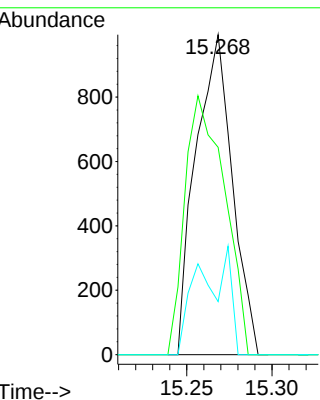
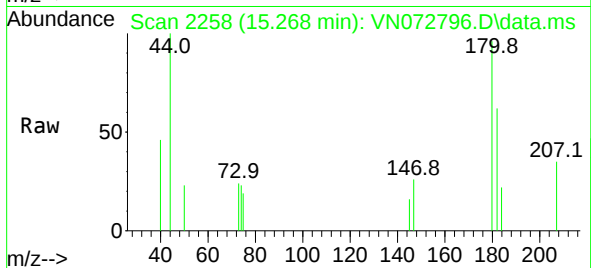
Tgt Ion:	180	Resp:	147
Ion Ratio	Lower	Upper	
180	100		
182	88.2	47.5	142.5
145	28.4	14.5	43.5

Manual Integrations

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Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#94

Hexachlorobutadiene

Concen: 0.983 ug/l

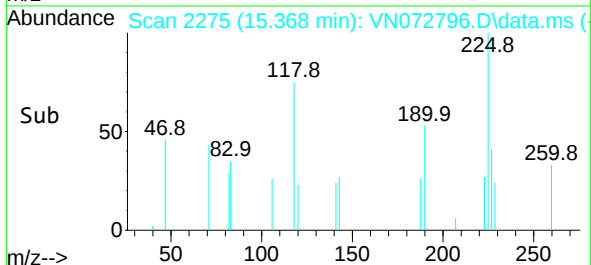
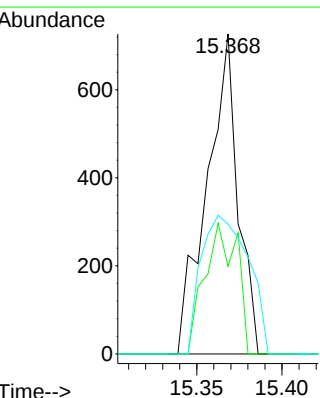
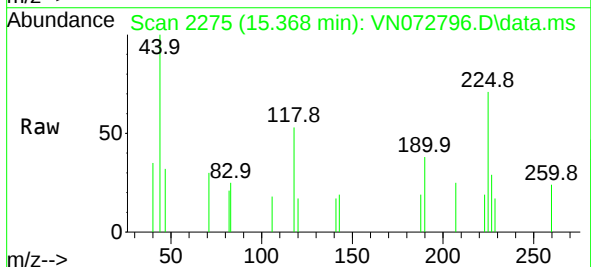
RT: 15.368 min Scan# 2275

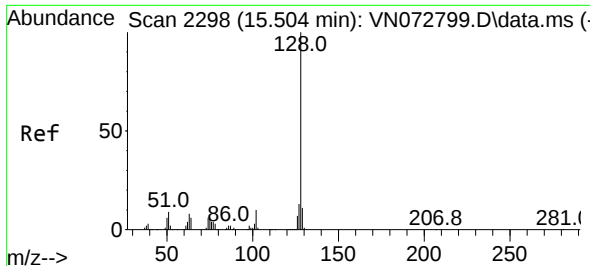
Delta R.T. 0.000 min

Lab File: VN072796.D

Acq: 13 Jun 2022 10:29

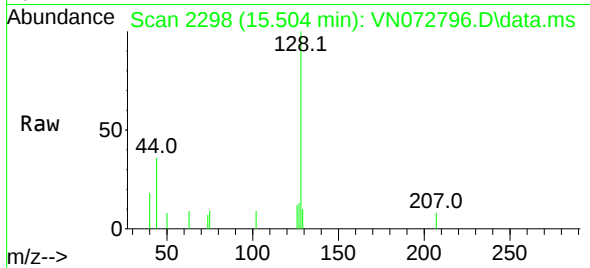
Tgt Ion:	225	Resp:	919
Ion Ratio	Lower	Upper	
225	100		
223	42.4	32.4	97.2
227	66.1	31.8	95.4





#95
Naphthalene
Concen: 1.196 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29

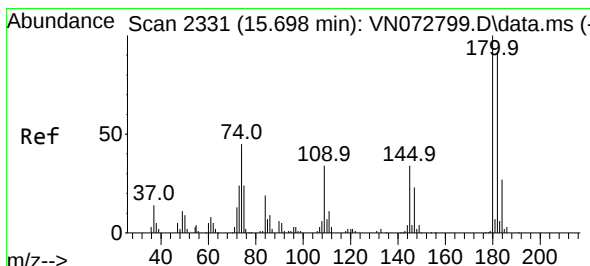
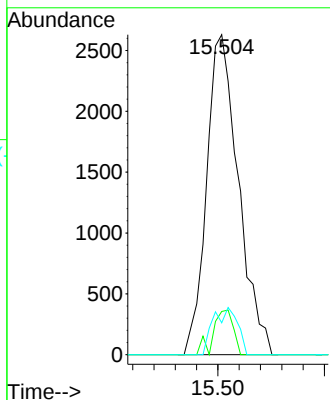
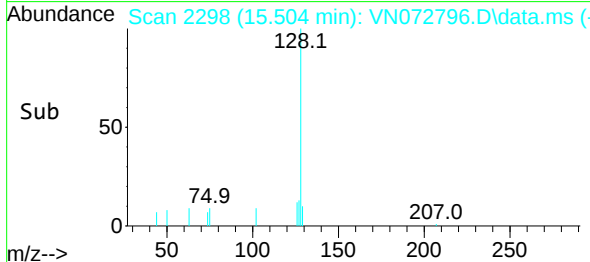
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001



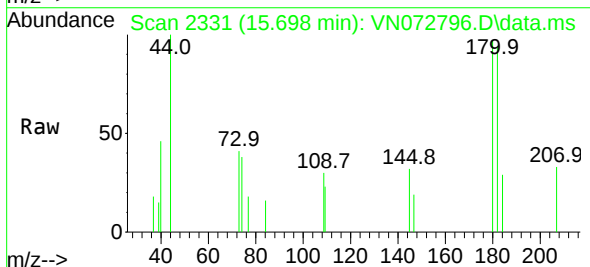
Tgt Ion:128 Resp: 545
Ion Ratio Lower Upper
128 100
127 8.7 10.3 15.5
129 11.3 8.6 13.0

Manual Integrations
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Reviewed By :John Carbone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#96
1,2,3-Trichlorobenzene
Concen: 1.047 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN072796.D
Acq: 13 Jun 2022 10:29



Tgt Ion:180 Resp: 1556
Ion Ratio Lower Upper
180 100
182 120.0 47.8 143.3
145 30.0 15.5 46.5

