

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061322\
 Data File : VN072807.D
 Acq On : 13 Jun 2022 20:31
 Operator : JC\MD
 Sample : VN0613WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613WBS01

Quant Time: Jun 14 05:21:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061322W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 13 17:28:28 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	144804	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	268965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.745	117	274123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	119969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	215361	53.119	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.240%			
35) Dibromofluoromethane	8.016	113	139335	52.016	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.040%			
50) Toluene-d8	10.439	98	554819	51.574	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 103.140%			
62) 4-Bromofluorobenzene	12.727	95	176829	46.514	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.020%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	42555	18.810	ug/l	94
3) Chloromethane	2.293	50	49080	21.569	ug/l	99
4) Vinyl Chloride	2.434	62	50207	19.294	ug/l	99
5) Bromomethane	2.840	94	24295	23.245	ug/l	97
6) Chloroethane	3.004	64	36620	21.388	ug/l	99
7) Trichlorofluoromethane	3.363	101	76986	19.039	ug/l	95
8) Diethyl Ether	3.822	74	30982	19.546	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.204	101	41325	18.501	ug/l	87
10) Methyl Iodide	4.410	142	31999	20.802	ug/l #	87
11) Tert butyl alcohol	5.369	59	88658	22.255	ug/l #	85
12) 1,1-Dichloroethene	4.175	96	36984	18.377	ug/l	89
13) Acrolein	4.034	56	17320	88.599	ug/l	99
14) Allyl chloride	4.839	41	88469	18.904	ug/l #	89
15) Acrylonitrile	5.551	53	205375	108.874	ug/l	99
16) Acetone	4.287	43	199876	108.561	ug/l	89
17) Carbon Disulfide	4.522	76	76201	18.310	ug/l	97
18) Methyl Acetate	4.857	43	104859	21.668	ug/l	90
19) Methyl tert-butyl Ether	5.616	73	186733	19.899	ug/l	99
20) Methylene Chloride	5.087	84	53258	20.544	ug/l #	83
21) trans-1,2-Dichloroethene	5.587	96	41402	20.144	ug/l	90
22) Diisopropyl ether	6.492	45	201934	20.605	ug/l	96
23) Vinyl Acetate	6.428	43	909611	102.592	ug/l #	93
24) 1,1-Dichloroethane	6.381	63	102707	20.040	ug/l	99
25) 2-Butanone	7.333	43	321941	111.481	ug/l #	87
26) 2,2-Dichloropropane	7.322	77	73980	15.597	ug/l	93
27) cis-1,2-Dichloroethene	7.322	96	57636	20.157	ug/l	91
28) Bromochloromethane	7.657	49	53857	21.836	ug/l #	71
29) Tetrahydrofuran	7.680	42	197572	110.441	ug/l	89
30) Chloroform	7.810	83	102563	19.270	ug/l	99
31) Cyclohexane	8.098	56	80822	19.471	ug/l	87
32) 1,1,1-Trichloroethane	8.016	97	89976	19.116	ug/l	95
36) 1,1-Dichloropropene	8.222	75	68496	18.351	ug/l	94
37) Ethyl Acetate	7.410	43	116795	20.480	ug/l	95
38) Carbon Tetrachloride	8.198	117	72386	18.502	ug/l	97
39) Methylcyclohexane	9.457	83	75230	17.784	ug/l #	88
40) Benzene	8.457	78	218702	19.776	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	57896	21.199	ug/l #	87
42) 1,2-Dichloroethane	8.527	62	97501	20.407	ug/l	93
43) Isopropyl Acetate	8.557	43	180266	20.419	ug/l #	92
44) Trichloroethene	9.210	130	47095	18.717	ug/l	87
45) 1,2-Dichloropropane	9.486	63	61999	19.931	ug/l	98
46) Dibromomethane	9.574	93	42491	20.359	ug/l #	81
47) Bromodichloromethane	9.763	83	86241	19.883	ug/l	96
48) Methyl methacrylate	9.557	41	84898	20.723	ug/l #	81
49) 1,4-Dioxane	9.563	88	32916	470.265	ug/l #	89
51) 4-Methyl-2-Pentanone	10.327	43	640877	109.442	ug/l	90
52) Toluene	10.504	92	137186	19.543	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	87884	19.095	ug/l	95
54) cis-1,3-Dichloropropene	10.186	75	92798	18.998	ug/l #	82
55) 1,1,2-Trichloroethane	10.892	97	60415	20.315	ug/l	98
56) Ethyl methacrylate	10.757	69	102831	19.794	ug/l #	77
57) 1,3-Dichloropropane	11.045	76	108524	20.319	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	236169	107.492	ug/l	91
59) 2-Hexanone	11.080	43	466885	107.636	ug/l	88
60) Dibromochloromethane	11.239	129	60275	19.496	ug/l	99
61) 1,2-Dibromoethane	11.339	107	59910	19.956	ug/l	99
64) Tetrachloroethene	10.980	164	39313	18.736	ug/l	89
65) Chlorobenzene	11.768	112	137954	19.087	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.839	131	56666	20.561	ug/l	98
67) Ethyl Benzene	11.839	91	259087	19.194	ug/l	97
68) m/p-Xylenes	11.951	106	182621	37.830	ug/l	88
69) o-Xylene	12.280	106	94111	19.367	ug/l	90
70) Styrene	12.292	104	146282	18.909	ug/l	93
71) Bromoform	12.457	173	39353	19.632	ug/l #	95
73) Isopropylbenzene	12.574	105	244135	19.965	ug/l	97
74) N-amyl acetate	12.386	43	121408	20.703	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.821	83	95578	22.152	ug/l	97
76) 1,2,3-Trichloropropane	12.880	75	81350m	19.757	ug/l	
77) Bromobenzene	12.857	156	48242	19.666	ug/l	65
78) n-propylbenzene	12.915	91	271258	19.923	ug/l	94
79) 2-Chlorotoluene	13.004	91	172607	20.236	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	197845	20.012	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.621	75	23480	17.380	ug/l #	79
82) 4-Chlorotoluene	13.104	91	155970	19.626	ug/l	93
83) tert-Butylbenzene	13.321	119	174256	19.784	ug/l	88
84) 1,2,4-Trimethylbenzene	13.368	105	192236	20.250	ug/l	94
85) sec-Butylbenzene	13.498	105	233959	19.838	ug/l	96
86) p-Isopropyltoluene	13.615	119	181460	19.753	ug/l	93
87) 1,3-Dichlorobenzene	13.615	146	82243	19.550	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	79831	19.228	ug/l	94
89) n-Butylbenzene	13.939	91	143730	18.447	ug/l	95
90) Hexachloroethane	14.204	117	38454	19.579	ug/l	72
91) 1,2-Dichlorobenzene	13.986	146	83324	19.999	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.604	75	20852	22.038	ug/l	69
93) 1,2,4-Trichlorobenzene	15.262	180	37702	19.947	ug/l	94
94) Hexachlorobutadiene	15.368	225	17565	19.324	ug/l	98
95) Naphthalene	15.504	128	156527	20.991	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	39581	20.119	ug/l	95

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MSVOA_N
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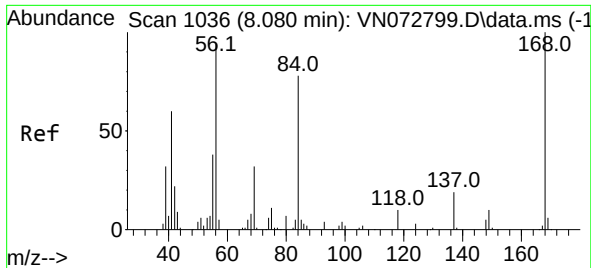
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 06/14/2022

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Quant Title : SW846 8260
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Response via : Initial Calibration

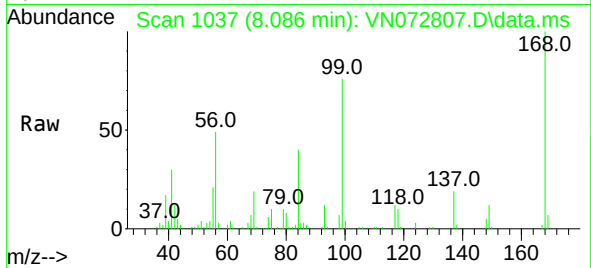
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

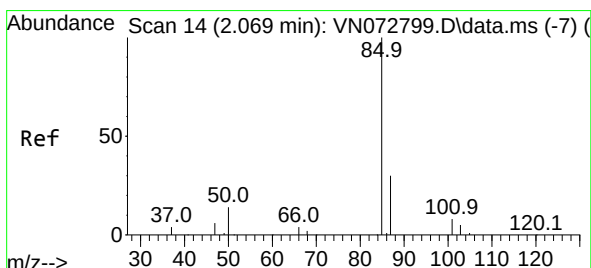
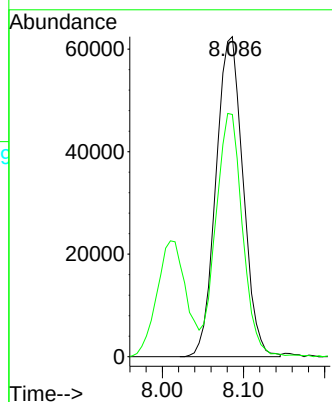
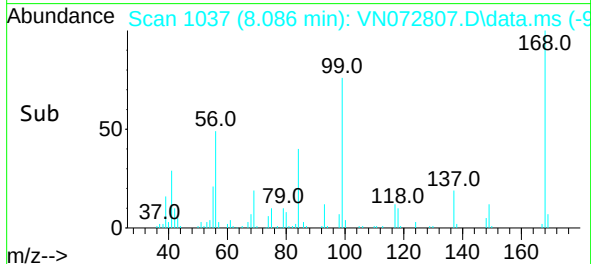
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01



Tgt Ion:168 Resp: 144804
Ion Ratio Lower Upper
168 100
99 74.9 42.3 63.5

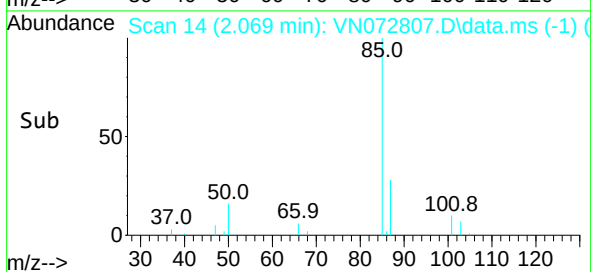
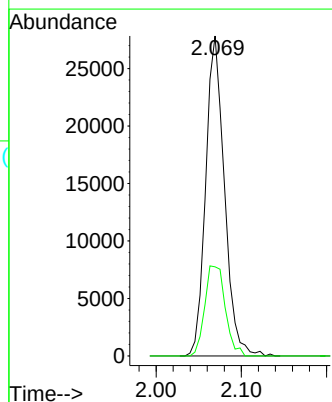
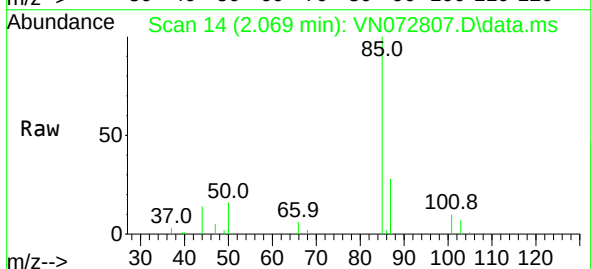
Manual Integrations
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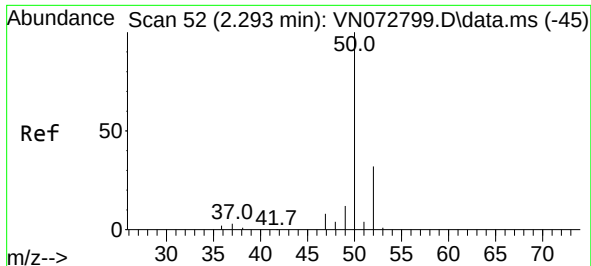
Reviewed By :John Carlone 06/14/2022
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#2
Dichlorodifluoromethane
Concen: 18.810 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

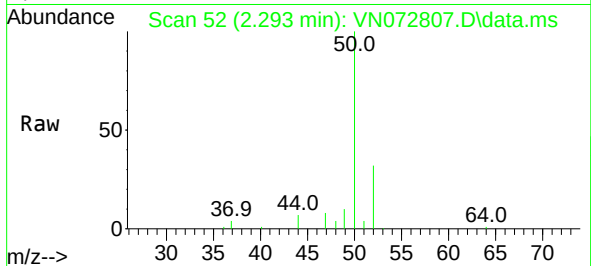
Tgt Ion: 85 Resp: 42555
Ion Ratio Lower Upper
85 100
87 27.8 15.7 47.1





#3
Chloromethane
Concen: 21.569 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

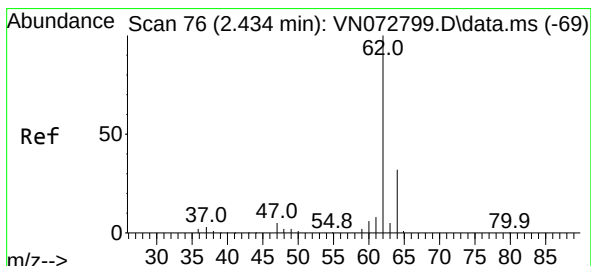
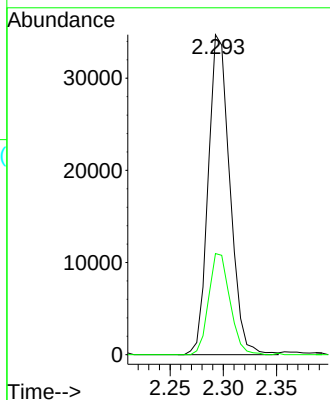
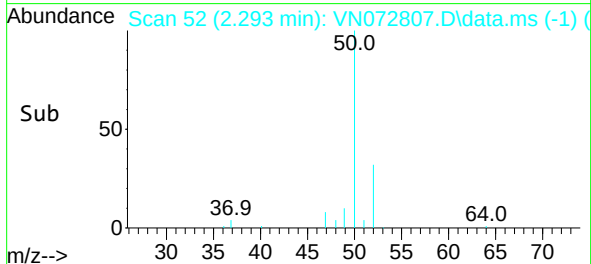
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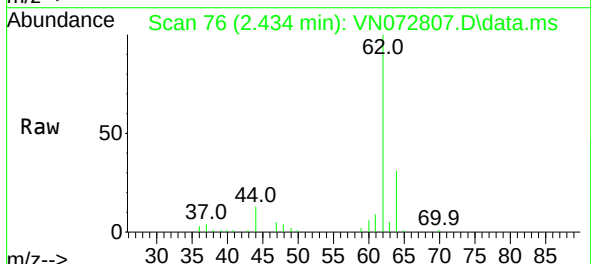
Tgt Ion: 50 Resp: 49080
Ion Ratio Lower Upper
50 100
52 31.6 25.7 38.5

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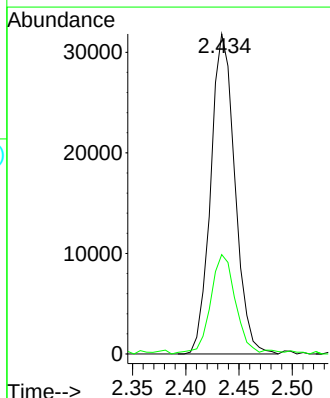
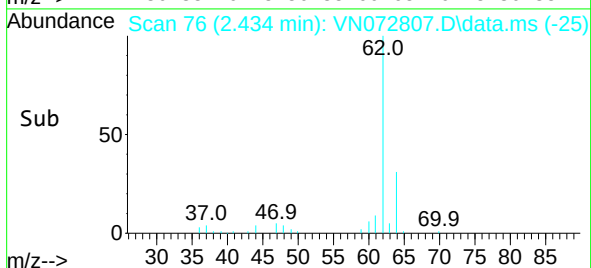
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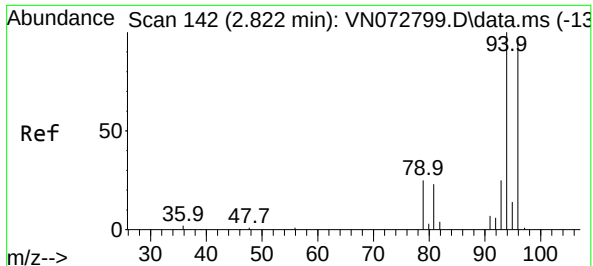


#4
Vinyl Chloride
Concen: 19.294 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31



Tgt Ion: 62 Resp: 50207
Ion Ratio Lower Upper
62 100
64 30.6 25.0 37.4





#5

Bromomethane

Concen: 23.245 ug/l

RT: 2.840 min Scan# 14

Delta R.T. 0.018 min

Lab File: VN072807.D

Acq: 13 Jun 2022 20:31

Instrument :

MSVOA_N

ClientSampleId :

VN0613WBS01

Tgt Ion: 94 Resp: 2429

Ion Ratio Lower Upper

94 100

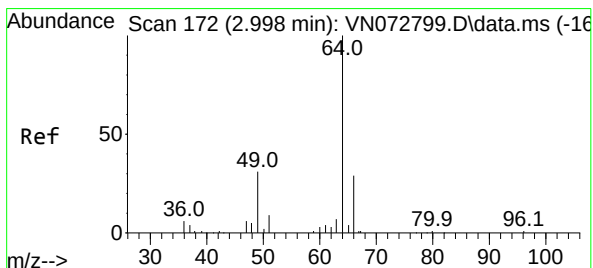
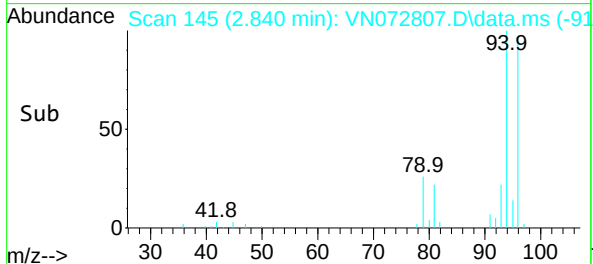
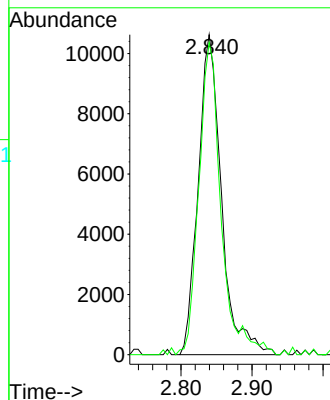
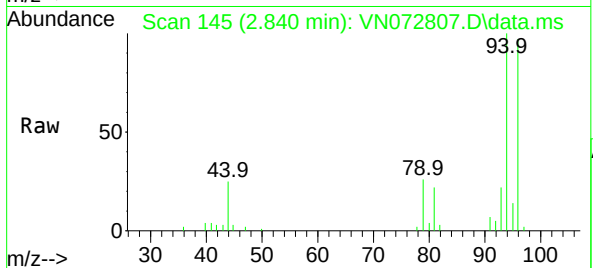
96 97.5 76.0 114.0

Manual Integrations

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#6

Chloroethane

Concen: 21.388 ug/l

RT: 3.004 min Scan# 173

Delta R.T. 0.006 min

Lab File: VN072807.D

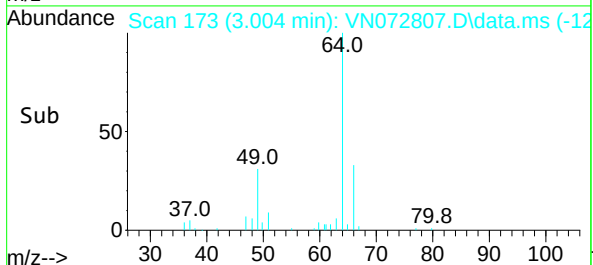
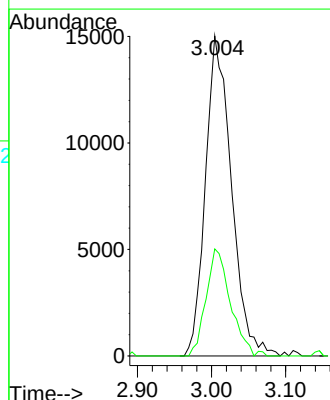
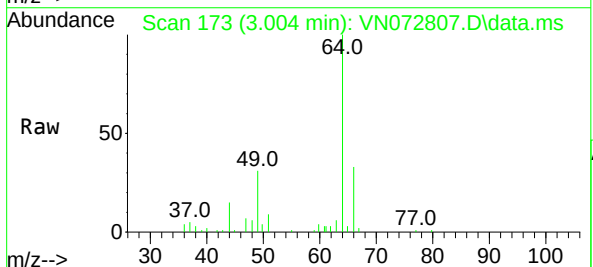
Acq: 13 Jun 2022 20:31

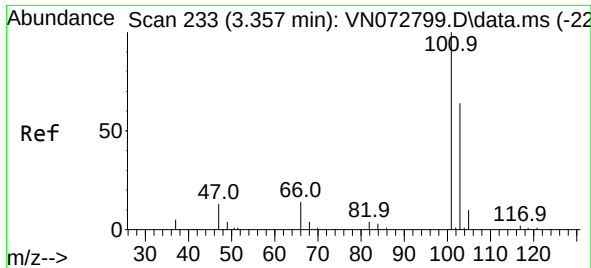
Tgt Ion: 64 Resp: 36620

Ion Ratio Lower Upper

64 100

66 33.4 26.2 39.4





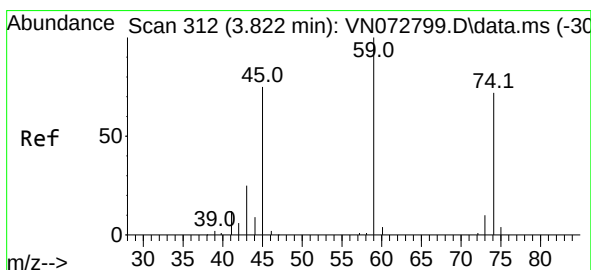
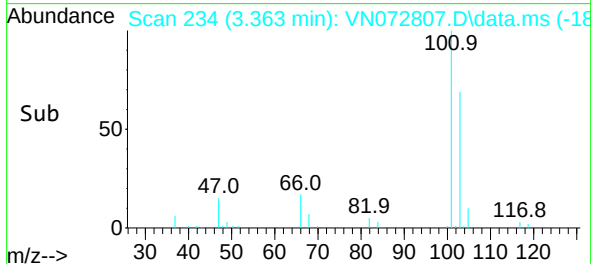
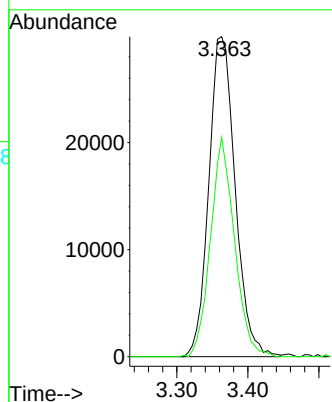
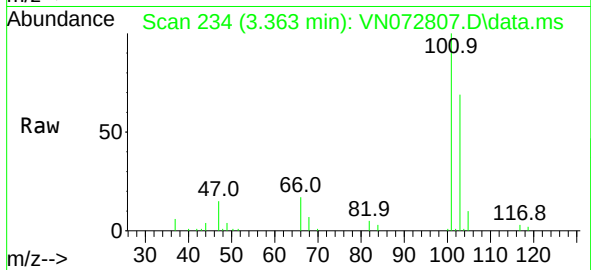
#7
Trichlorofluoromethane
Concen: 19.039 ug/l
RT: 3.363 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

Tgt Ion:101 Resp: 76980
Ion Ratio Lower Upper
101 100
103 68.5 51.5 77.3

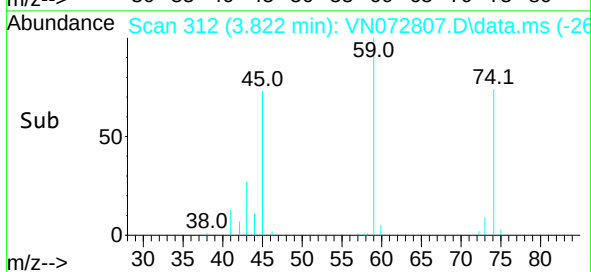
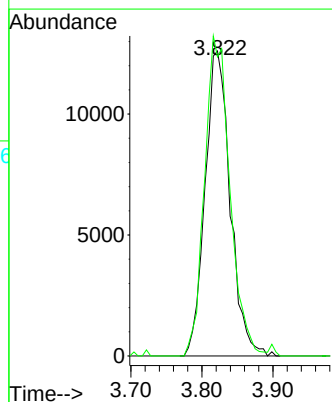
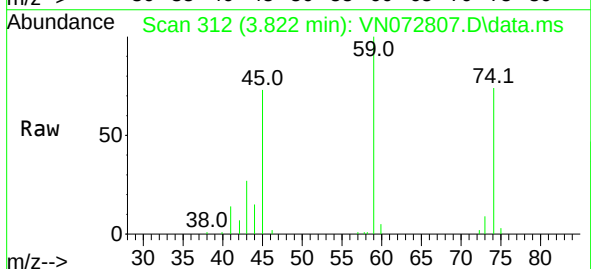
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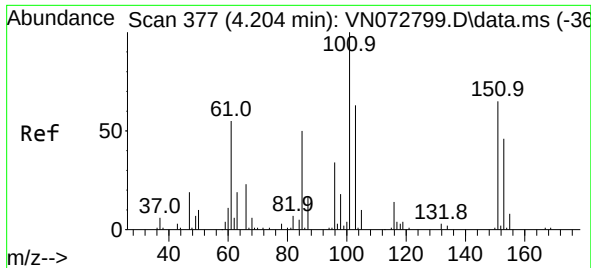
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#8
Diethyl Ether
Concen: 19.546 ug/l
RT: 3.822 min Scan# 312
Delta R.T. -0.000 min
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Acq: 13 Jun 2022 20:31

Tgt Ion: 74 Resp: 30982
Ion Ratio Lower Upper
74 100
45 105.8 42.9 128.5





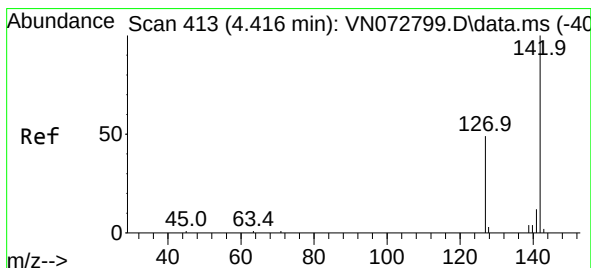
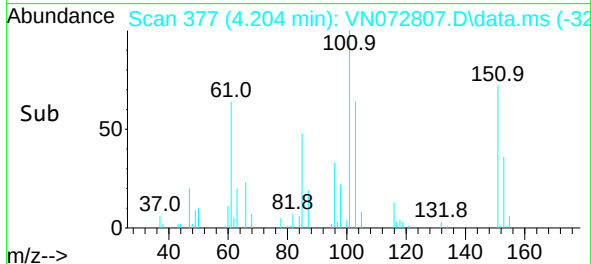
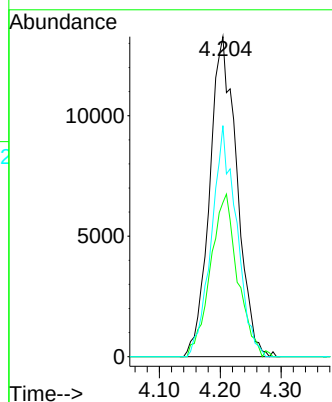
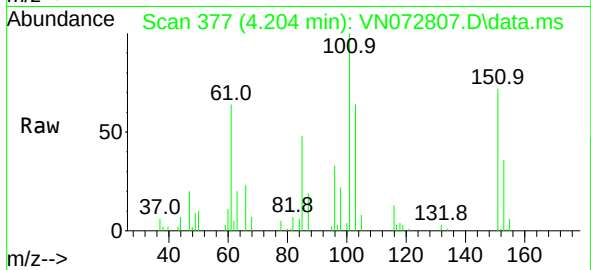
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.501 ug/l
RT: 4.204 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

Tgt Ion:101 Resp: 4132
Ion Ratio Lower Upper
101 100
85 50.6 34.7 52.1
151 66.5 63.0 94.4

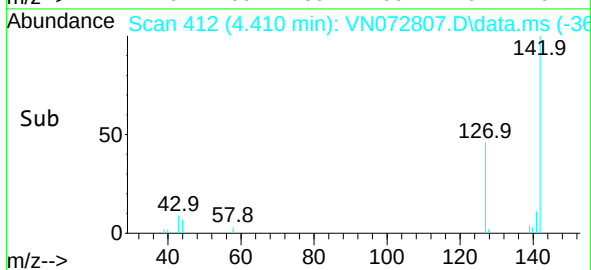
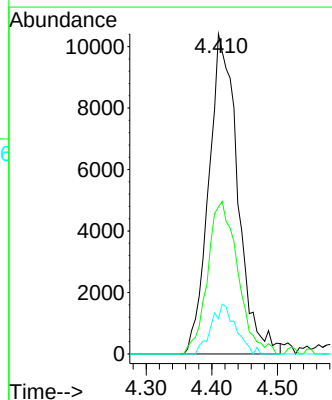
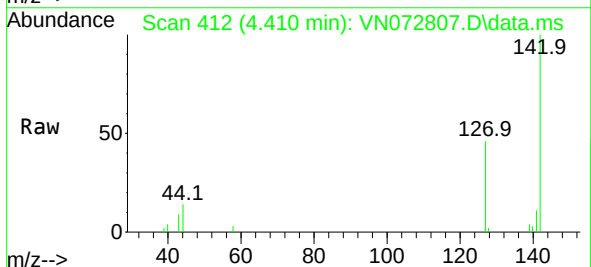
Manual Integrations
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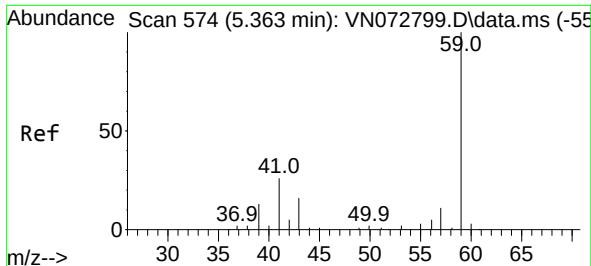
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#10
Methyl Iodide
Concen: 20.802 ug/l
RT: 4.410 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

Tgt Ion:142 Resp: 31999
Ion Ratio Lower Upper
142 100
127 49.6 31.3 46.9#
141 13.0 11.2 16.8





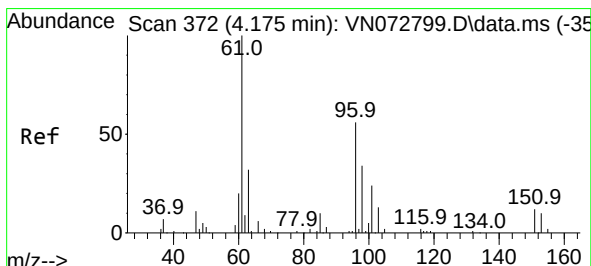
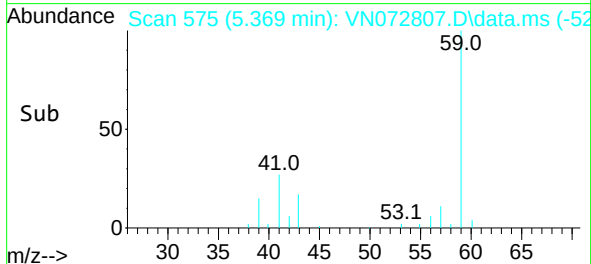
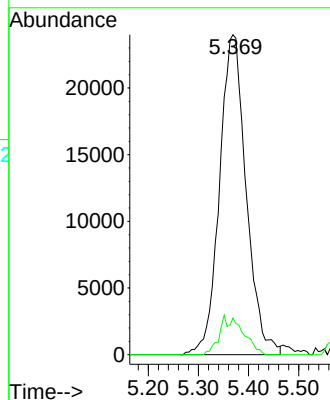
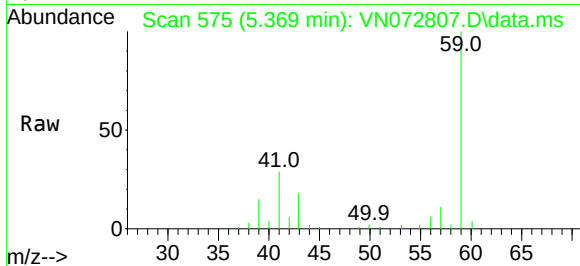
#11
Tert butyl alcohol
Concen: 22.255 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

Tgt Ion: 59 Resp: 88658
Ion Ratio Lower Upper
59 100
57 4.9 8.3 12.5

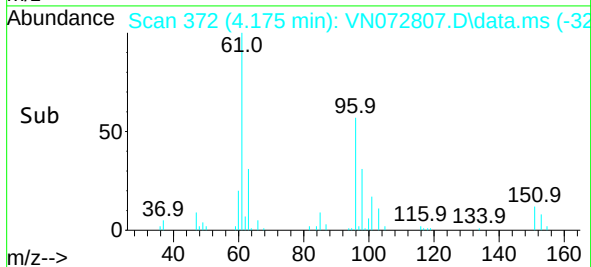
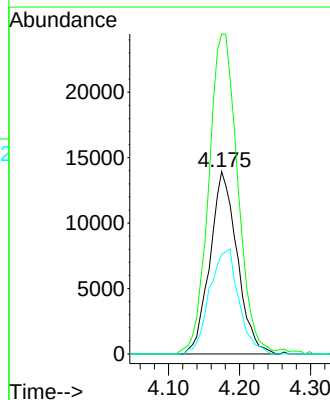
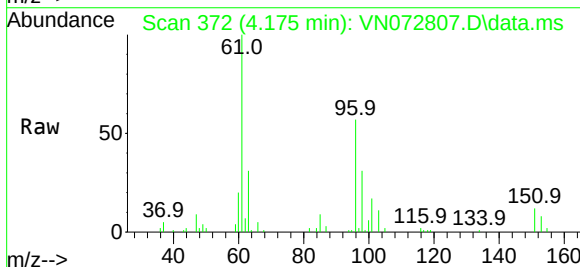
Manual Integrations
APPROVED

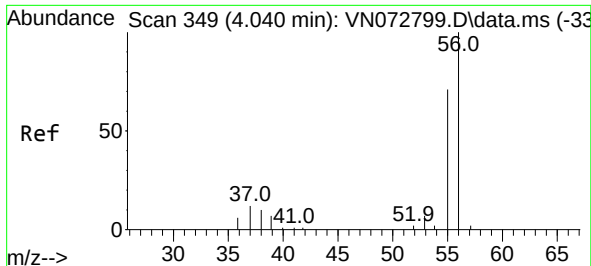
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#12
1,1-Dichloroethene
Concen: 18.377 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

Tgt Ion: 96 Resp: 36984
Ion Ratio Lower Upper
96 100
61 174.0 127.6 191.4
98 54.6 51.2 76.8





#13

Acrolein

Concen: 88.599 ug/l

RT: 4.034 min Scan# 34

Delta R.T. -0.006 min

Lab File: VN072807.D

Acq: 13 Jun 2022 20:31

Instrument :

MSVOA_N

ClientSampleId :

VN0613WBS01

Tgt Ion: 56 Resp: 17320

Ion Ratio Lower Upper

56 100

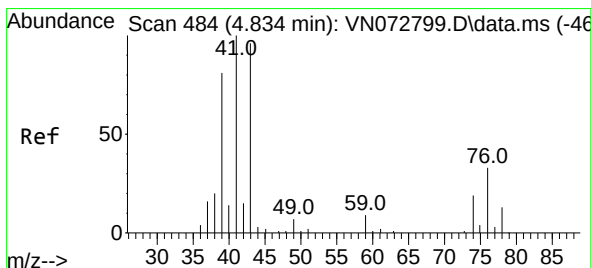
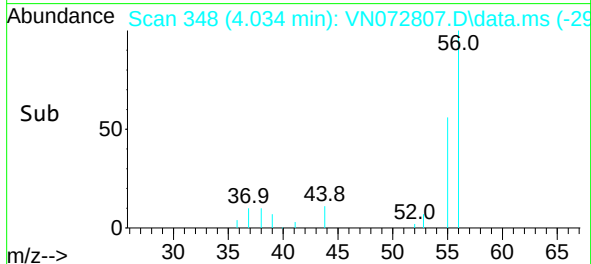
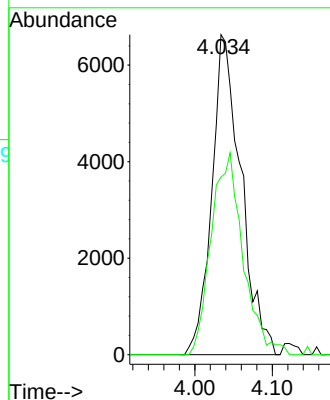
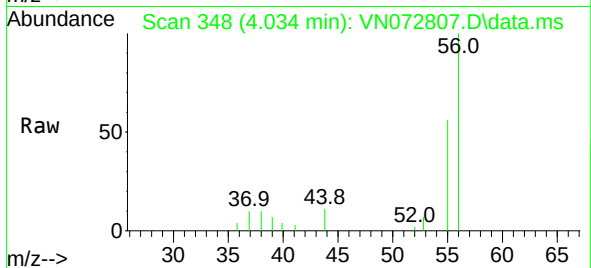
55 69.0 54.8 82.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#14

Allyl chloride

Concen: 18.904 ug/l

RT: 4.839 min Scan# 485

Delta R.T. 0.005 min

Lab File: VN072807.D

Acq: 13 Jun 2022 20:31

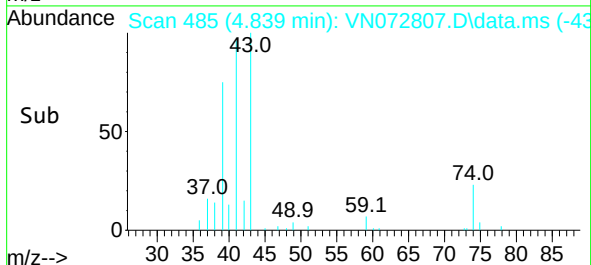
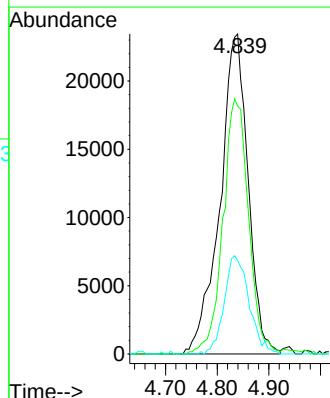
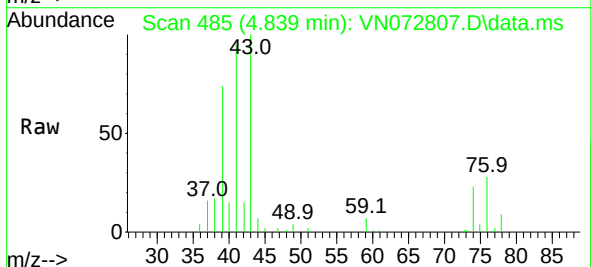
Tgt Ion: 41 Resp: 88469

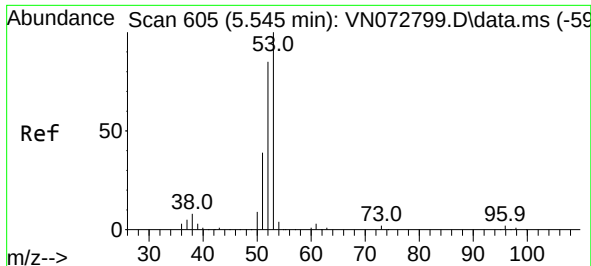
Ion Ratio Lower Upper

41 100

39 72.4 53.2 79.8

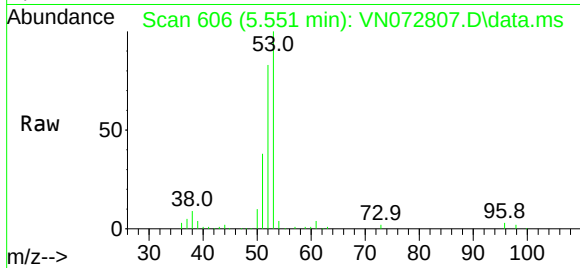
76 27.2 29.9 44.9#





#15
Acrylonitrile
Concen: 108.874 ug/l
RT: 5.551 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

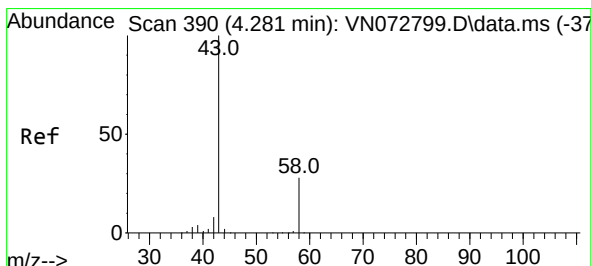
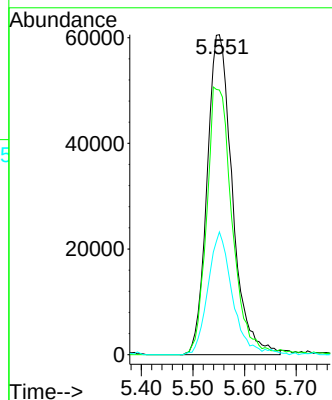
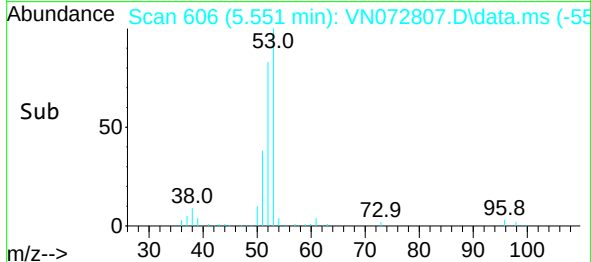
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01



Tgt Ion: 53 Resp: 205379
Ion Ratio Lower Upper
53 100
52 83.8 66.4 99.6
51 36.5 28.5 42.7

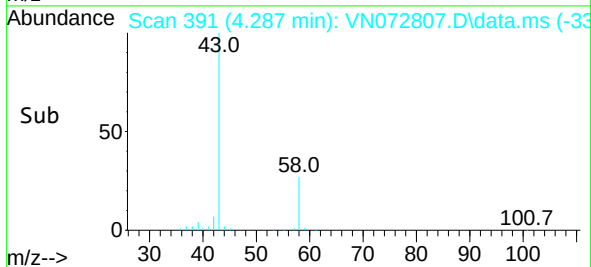
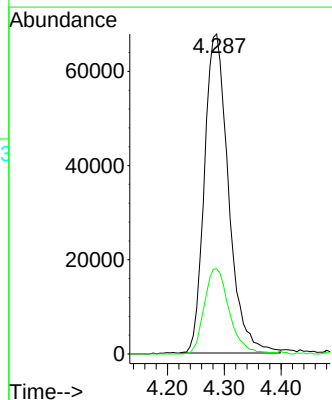
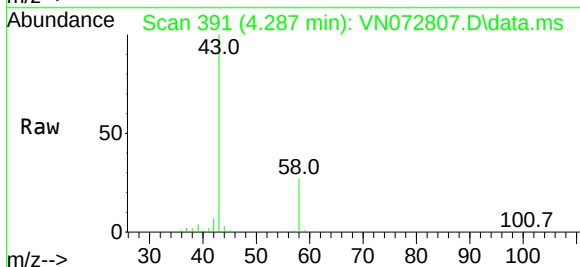
Manual Integrations
APPROVED

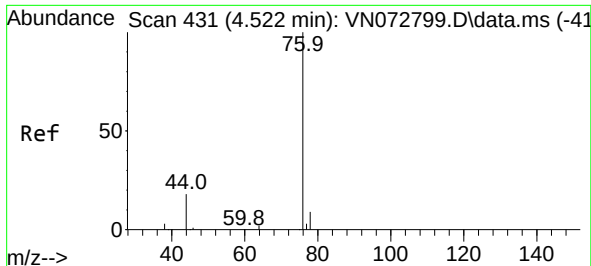
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#16
Acetone
Concen: 108.561 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

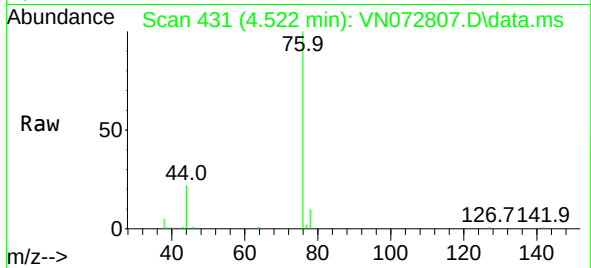
Tgt Ion: 43 Resp: 199876
Ion Ratio Lower Upper
43 100
58 26.4 26.0 39.0





#17
Carbon Disulfide
Concen: 18.310 ug/l
RT: 4.522 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

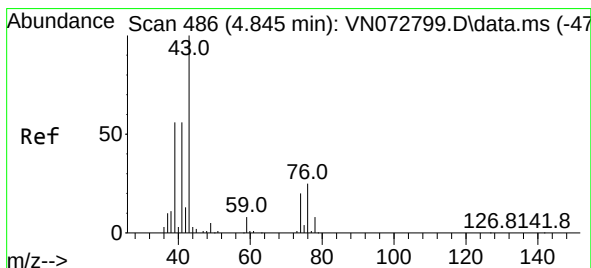
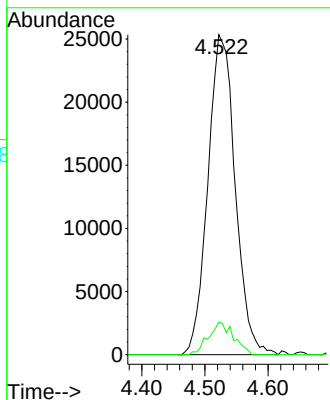
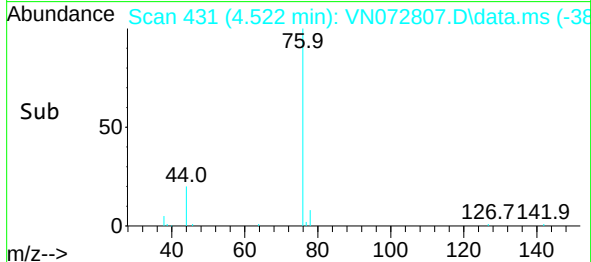
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01



Tgt Ion: 76 Resp: 7620
Ion Ratio Lower Upper
76 100
78 10.1 7.2 10.8

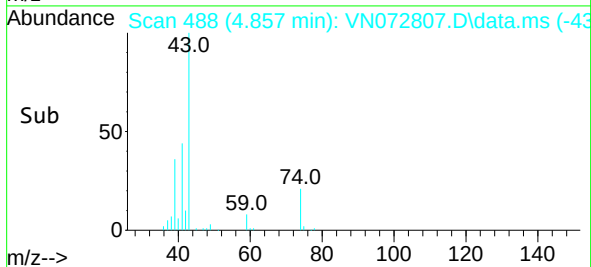
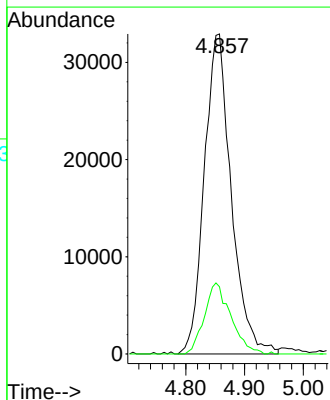
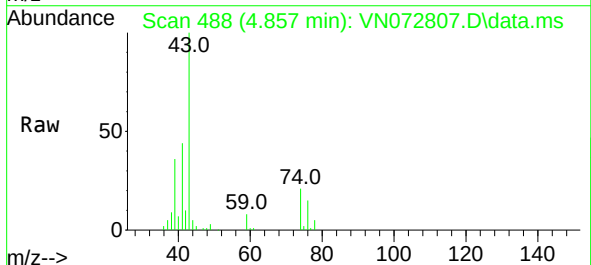
Manual Integrations
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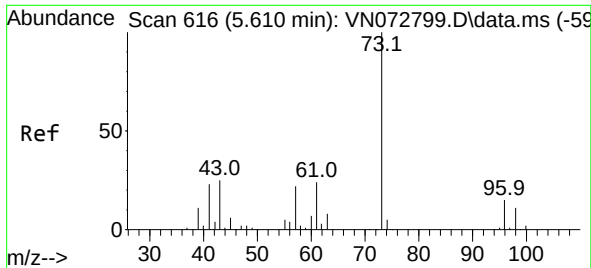
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#18
Methyl Acetate
Concen: 21.668 ug/l
RT: 4.857 min Scan# 488
Delta R.T. 0.012 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

Tgt Ion: 43 Resp: 104859
Ion Ratio Lower Upper
43 100
74 21.8 21.6 32.4





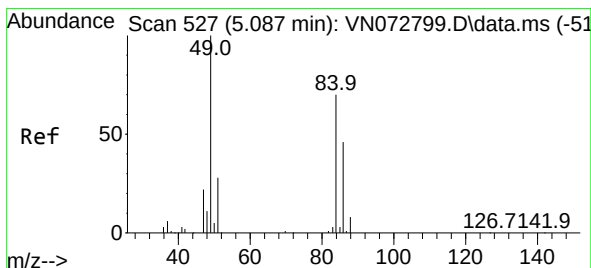
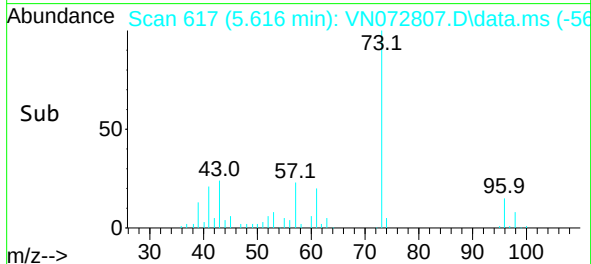
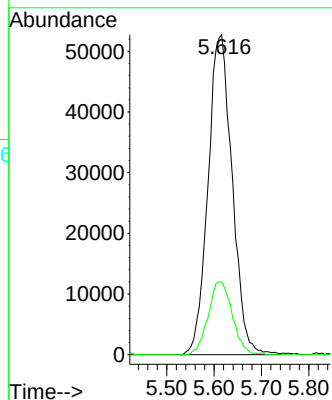
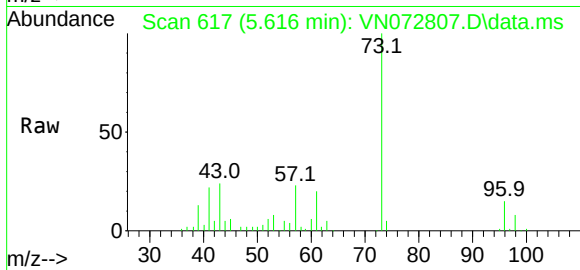
#19
Methyl tert-butyl Ether
Concen: 19.899 ug/l
RT: 5.616 min Scan# 616
Delta R.T. 0.006 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

Tgt Ion: 73 Resp: 18673
Ion Ratio Lower Upper
73 100
57 22.7 17.6 26.4

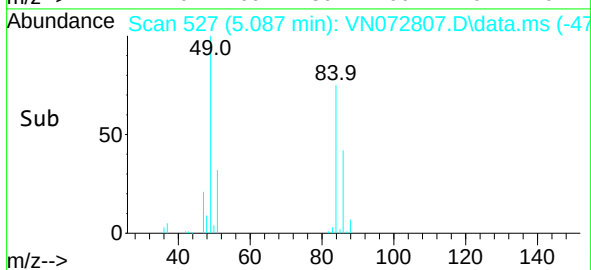
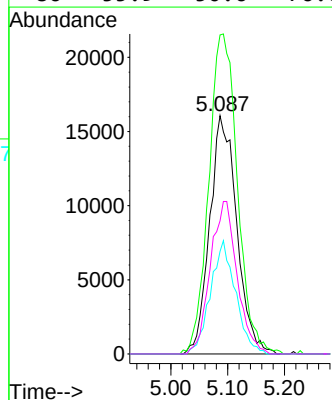
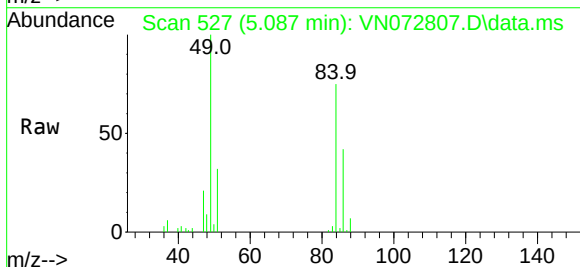
Manual Integrations
APPROVED

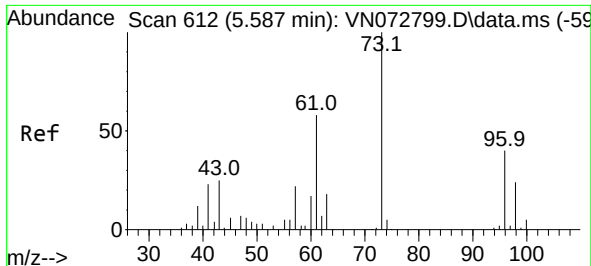
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#20
Methylene Chloride
Concen: 20.544 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

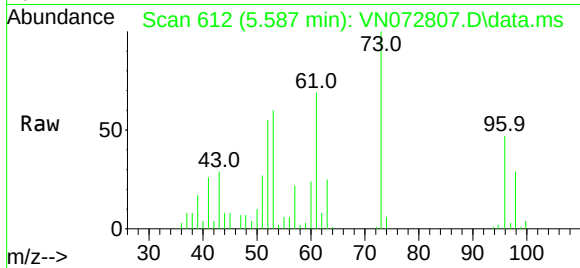
Tgt Ion: 84 Resp: 53258
Ion Ratio Lower Upper
84 100
49 133.9 88.3 132.5#
51 43.0 28.2 42.2#
86 55.9 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 20.144 ug/l
RT: 5.587 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

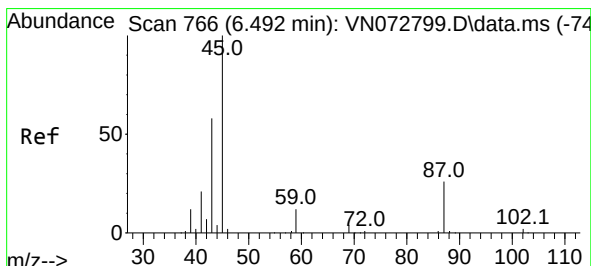
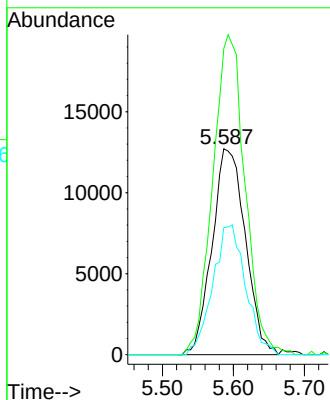
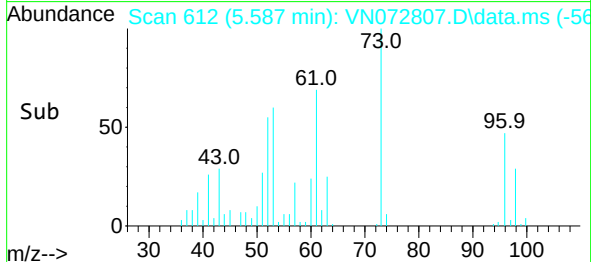
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01



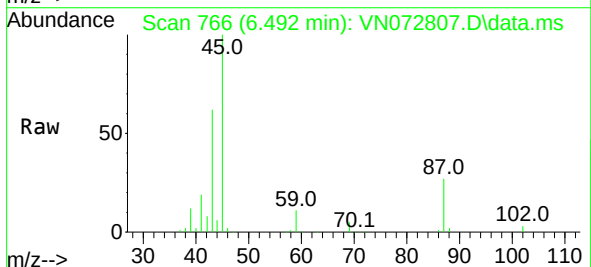
Tgt Ion: 96 Resp: 41402
Ion Ratio Lower Upper
96 100
61 148.6 105.8 158.8
98 61.7 50.3 75.5

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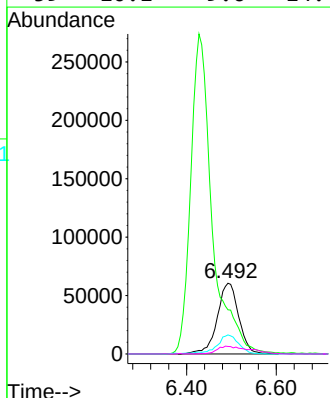
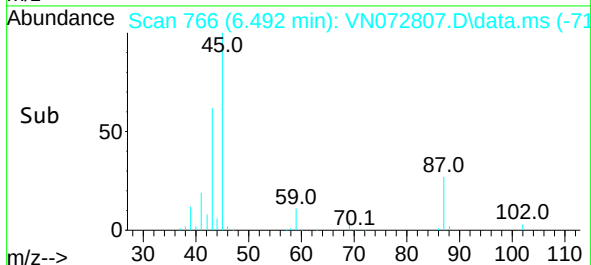
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

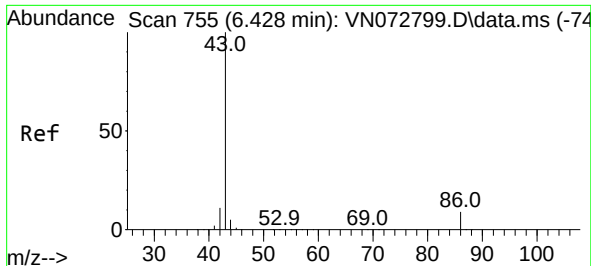


#22
Diisopropyl ether
Concen: 20.605 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31



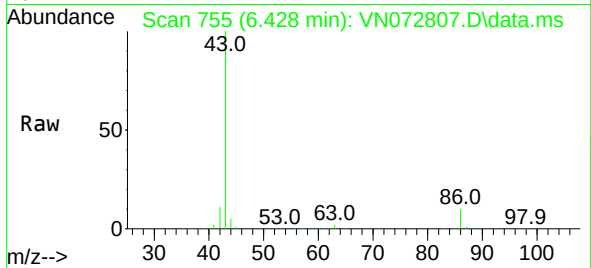
Tgt Ion: 45 Resp: 201934
Ion Ratio Lower Upper
45 100
43 60.7 46.6 70.0
87 26.9 24.3 36.5
59 10.1 9.6 14.4





#23
 Vinyl Acetate
 Concen: 102.592 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072807.D
 Acq: 13 Jun 2022 20:31

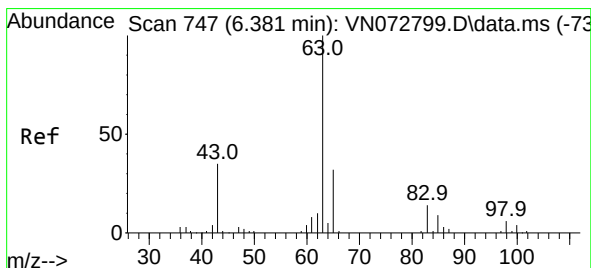
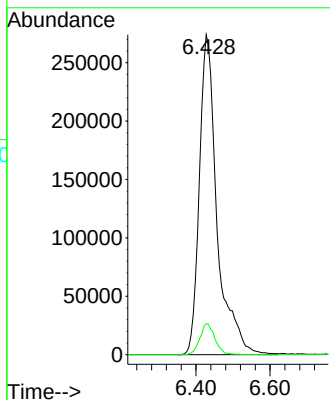
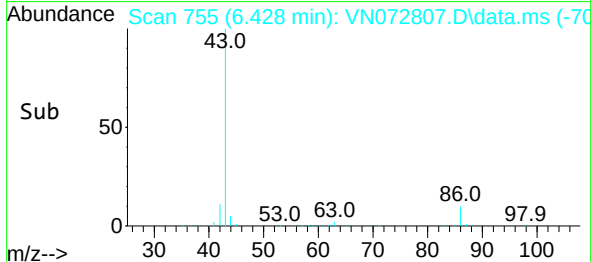
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613WBS01



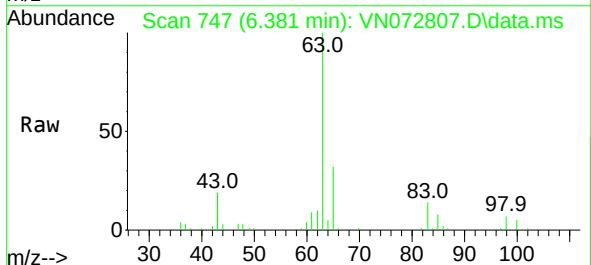
Tgt Ion: 43 Resp: 90961
 Ion Ratio Lower Upper
 43 100
 86 9.7 10.0 15.0

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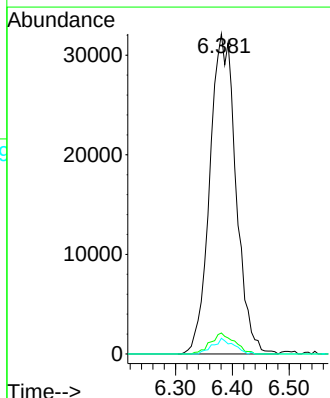
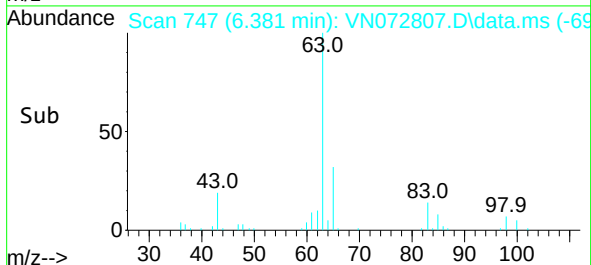
Reviewed By :John Carlone 06/14/2022
 Supervised By :Mahesh Dadoda 06/14/2022

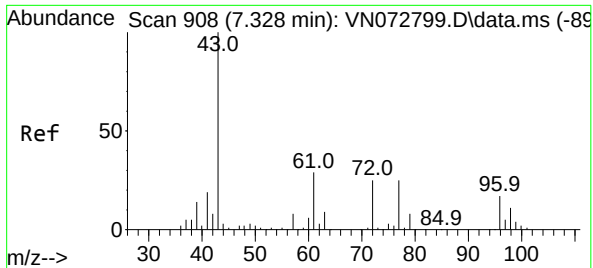


#24
 1,1-Dichloroethane
 Concen: 20.040 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.000 min
 Lab File: VN072807.D
 Acq: 13 Jun 2022 20:31



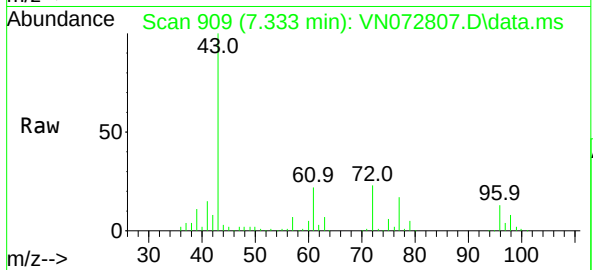
Tgt Ion: 63 Resp: 102707
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 4.9 2.3 6.8





#25
2-Butanone
Concen: 111.481 ug/l
RT: 7.333 min Scan# 909
Delta R.T. 0.005 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

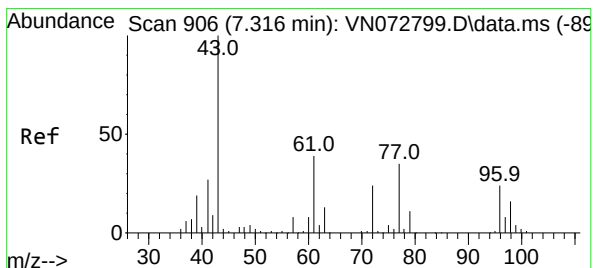
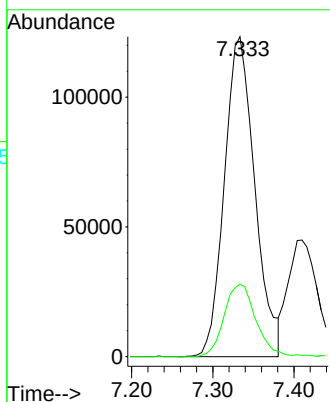
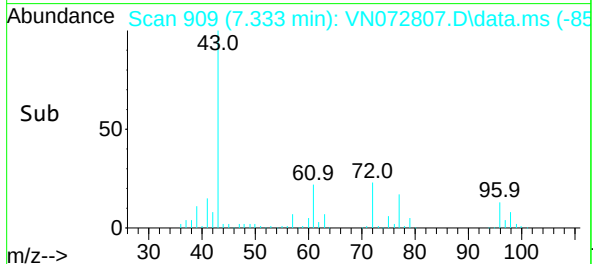
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01



Tgt Ion: 43 Resp: 32194
Ion Ratio Lower Upper
43 100
72 22.7 23.7 35.5

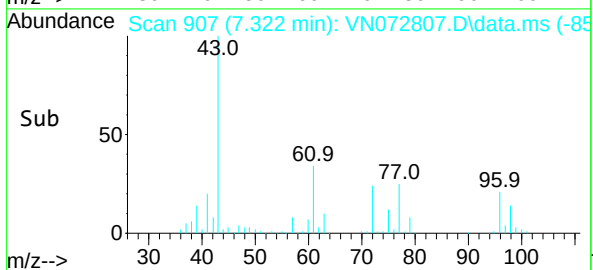
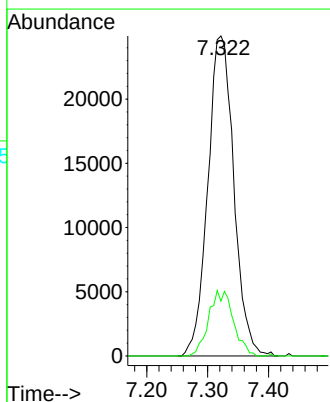
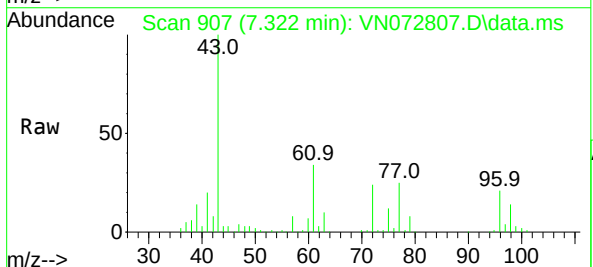
Manual Integrations
APPROVED

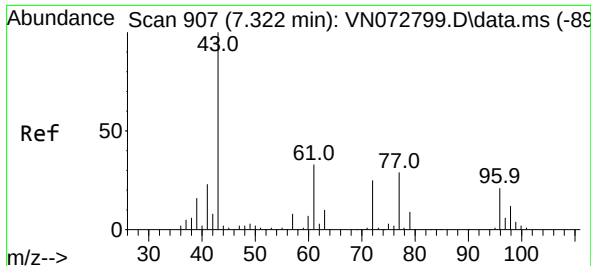
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#26
2,2-Dichloropropane
Concen: 15.597 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

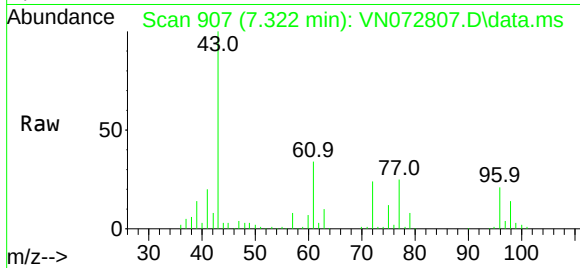
Tgt Ion: 77 Resp: 73980
Ion Ratio Lower Upper
77 100
97 19.4 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 20.157 ug/l
 RT: 7.322 min Scan# 907
 Delta R.T. -0.000 min
 Lab File: VN072807.D
 Acq: 13 Jun 2022 20:31

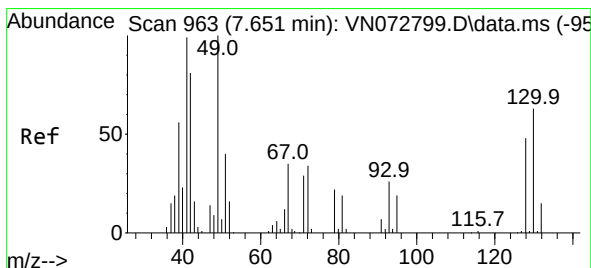
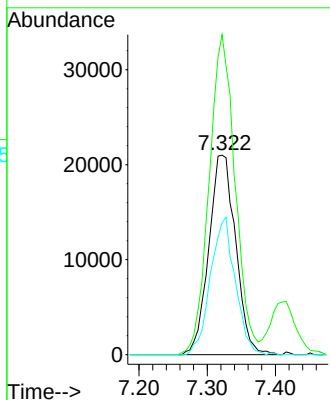
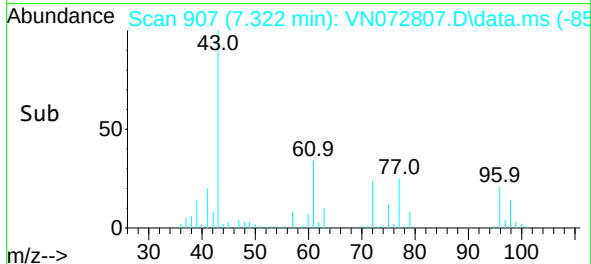
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613WBS01



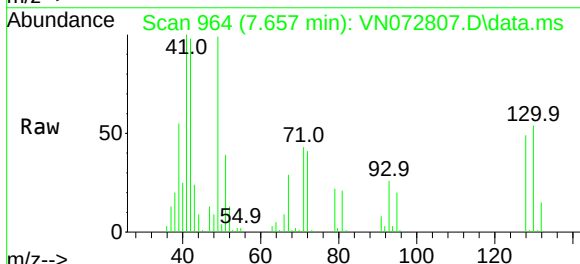
Tgt Ion: 96 Resp: 57630
 Ion Ratio Lower Upper
 96 100
 61 155.0 0.0 280.6
 98 63.5 0.0 128.4

Manual Integrations
 APPROVED

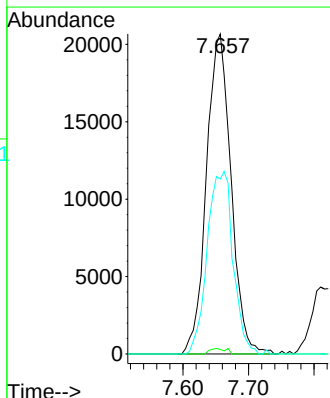
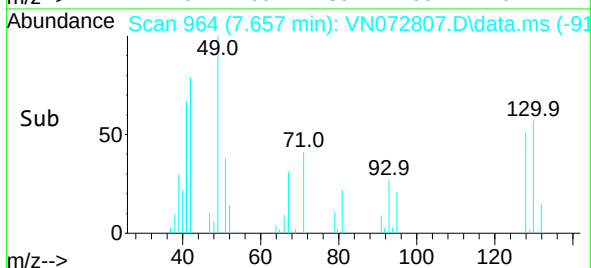
Reviewed By :John Carlone 06/14/2022
 Supervised By :Mahesh Dadoda 06/14/2022

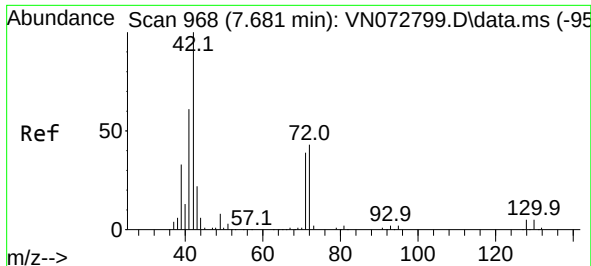


#28
 Bromochloromethane
 Concen: 21.836 ug/l
 RT: 7.657 min Scan# 964
 Delta R.T. 0.006 min
 Lab File: VN072807.D
 Acq: 13 Jun 2022 20:31



Tgt Ion: 49 Resp: 53857
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.6
 130 59.6 69.7 104.5#





#29

Tetrahydrofuran

Concen: 110.441 ug/l

RT: 7.680 min Scan# 90

Delta R.T. -0.001 min

Lab File: VN072807.D

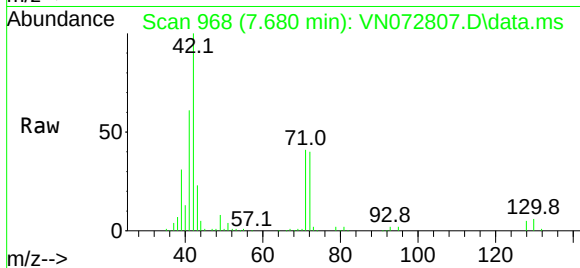
Acq: 13 Jun 2022 20:31

Instrument :

MSVOA_N

ClientSampleId :

VN0613WBS01



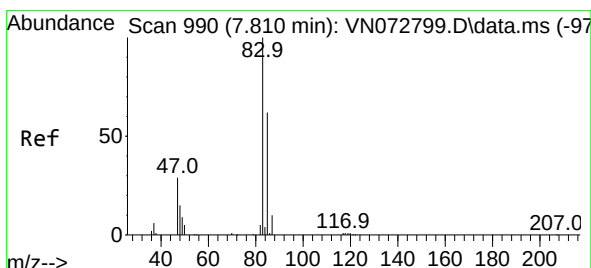
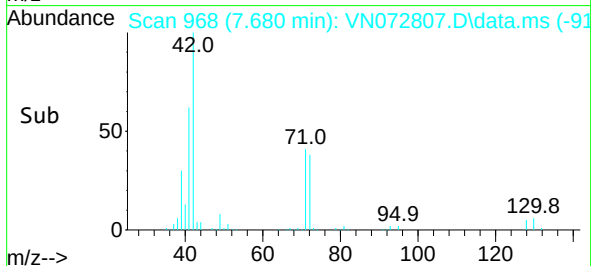
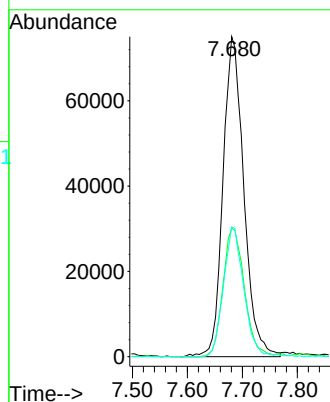
Tgt Ion:	42	Resp:	197572
Ion	Ratio	Lower	Upper
42	100		
72	41.2	39.7	59.5
71	39.6	36.6	55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#30

Chloroform

Concen: 19.270 ug/l

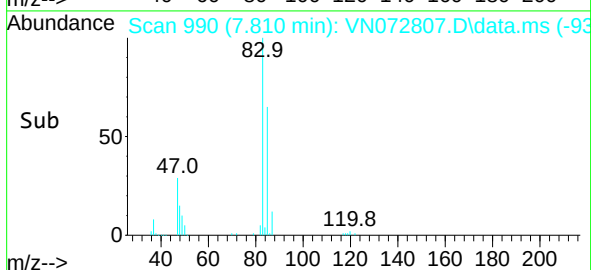
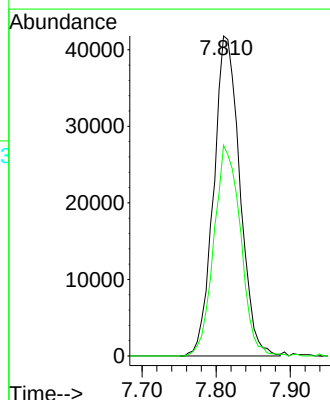
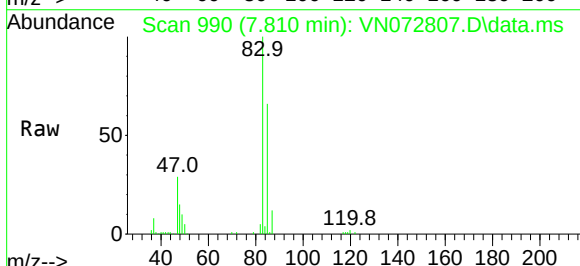
RT: 7.810 min Scan# 990

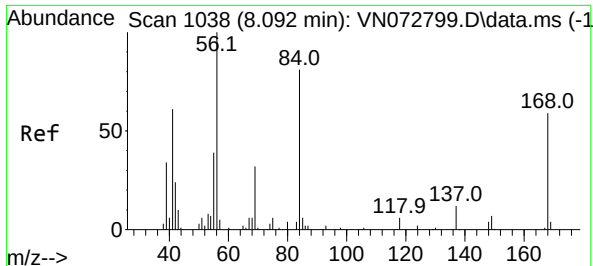
Delta R.T. -0.000 min

Lab File: VN072807.D

Acq: 13 Jun 2022 20:31

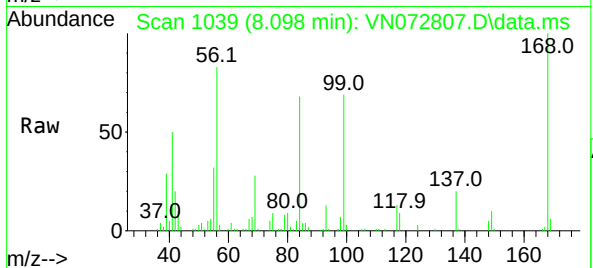
Tgt Ion:	83	Resp:	102563
Ion	Ratio	Lower	Upper
83	100		
85	65.8	51.8	77.8





#31
Cyclohexane
Concen: 19.471 ug/l
RT: 8.098 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

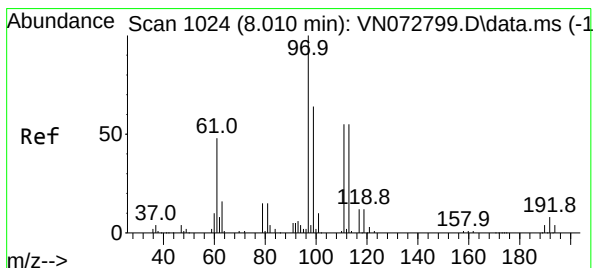
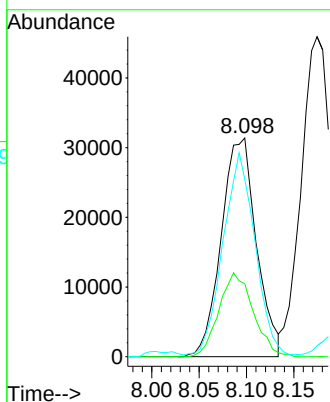
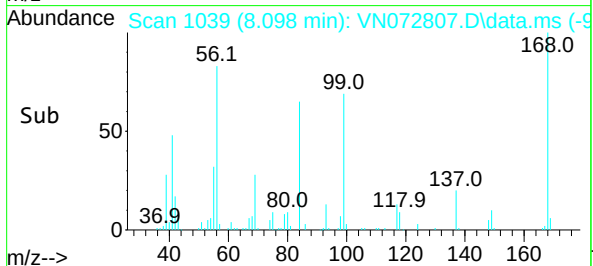
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01



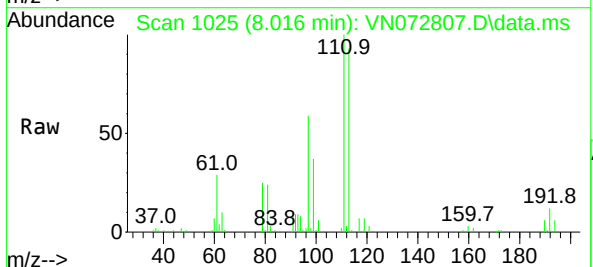
Tgt Ion: 56 Resp: 8082
Ion Ratio Lower Upper
56 100
69 33.4 27.8 41.8
84 79.8 76.9 115.3

Manual Integrations
APPROVED

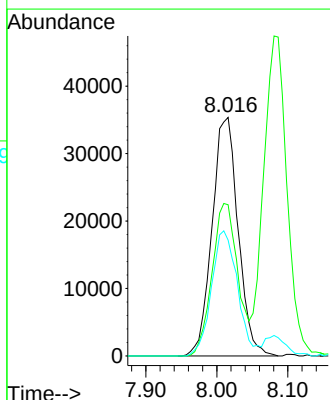
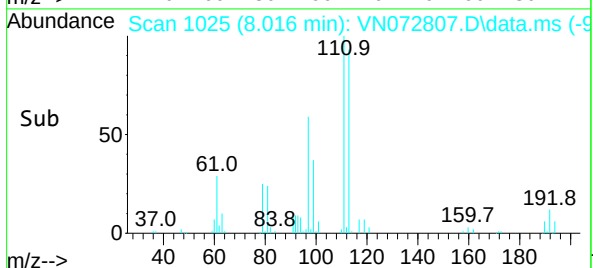
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

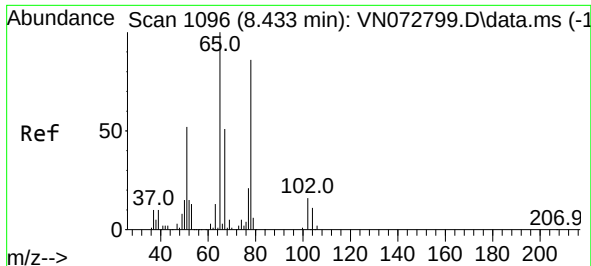


#32
1,1,1-Trichloroethane
Concen: 19.116 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. 0.006 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31



Tgt Ion: 97 Resp: 89976
Ion Ratio Lower Upper
97 100
99 63.2 50.6 76.0
61 52.9 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 53.119 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN072807.D

Acq: 13 Jun 2022 20:31

Instrument :

MSVOA_N

ClientSampleId :

VN0613WBS01

Tgt Ion: 65 Resp: 21536

Ion Ratio Lower Upper

65 100

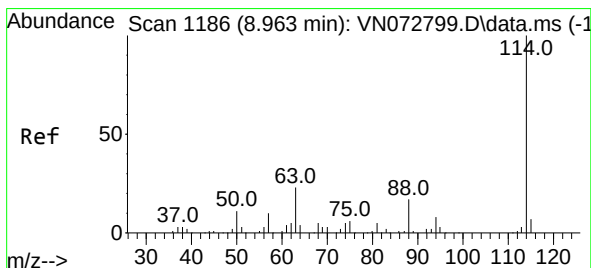
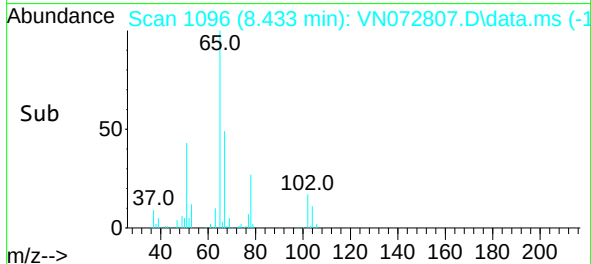
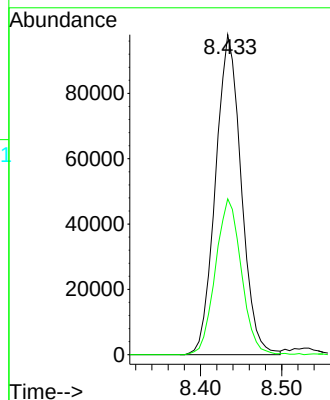
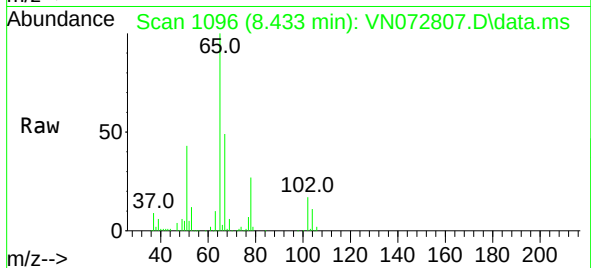
67 49.2 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072807.D

Acq: 13 Jun 2022 20:31

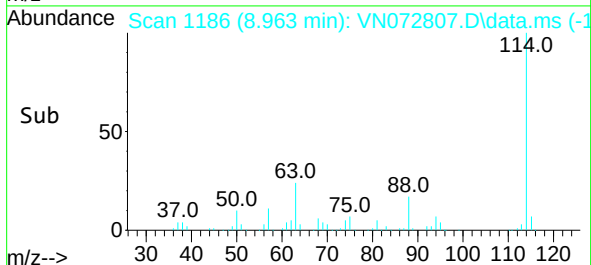
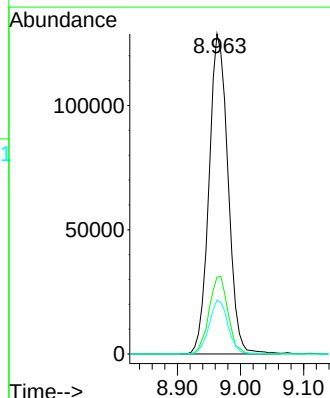
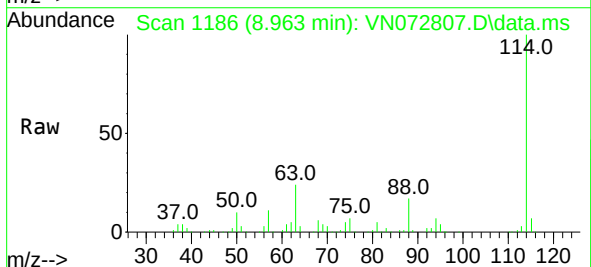
Tgt Ion:114 Resp: 268965

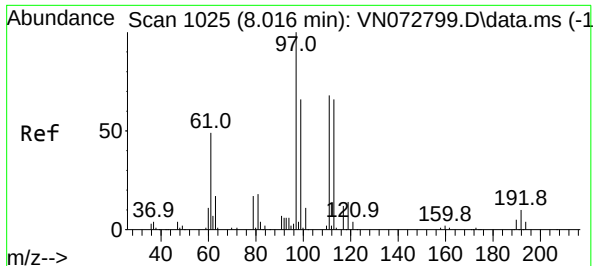
Ion Ratio Lower Upper

114 100

63 24.1 0.0 40.0

88 16.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.016 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072807.D

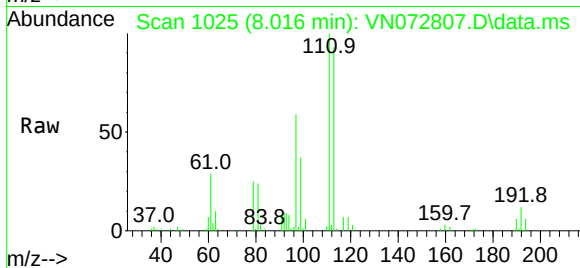
Acq: 13 Jun 2022 20:31

Instrument :

MSVOA_N

ClientSampleId :

VN0613WBS01



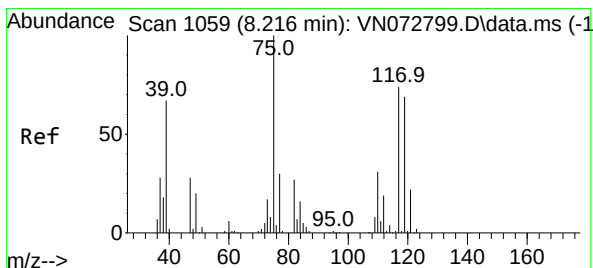
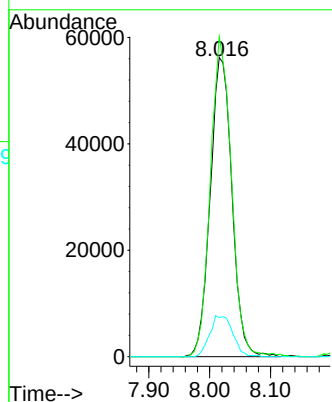
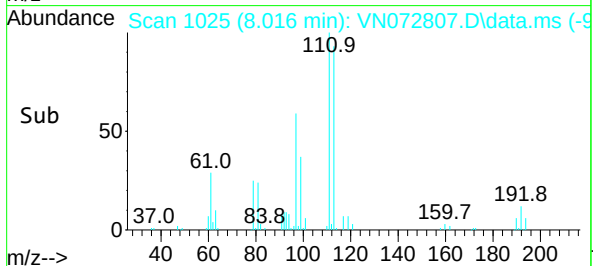
Tgt Ion:	113	Resp:	13933
Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.0
192	14.5	17.0	25.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#36

1,1-Dichloropropene

Concen: 18.351 ug/l

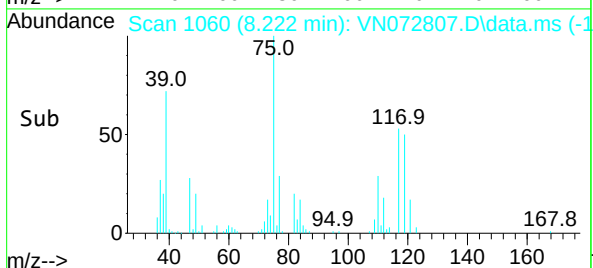
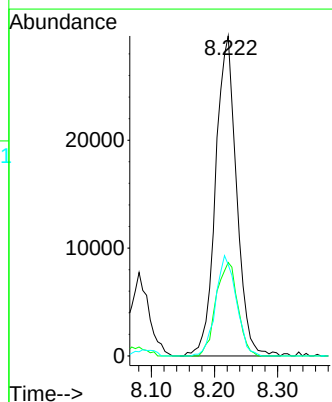
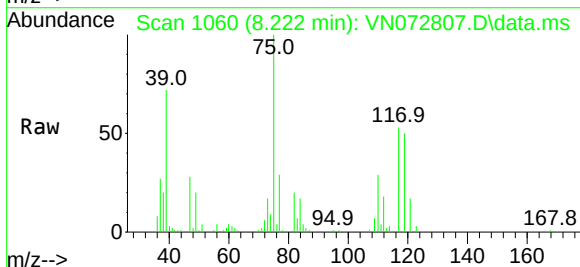
RT: 8.222 min Scan# 1060

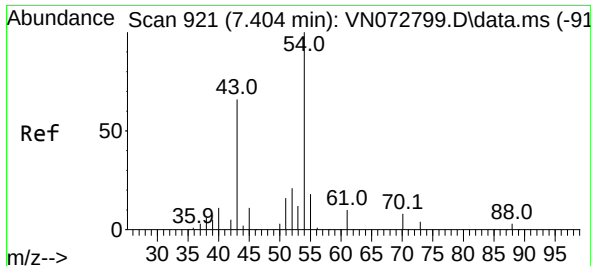
Delta R.T. 0.006 min

Lab File: VN072807.D

Acq: 13 Jun 2022 20:31

Tgt Ion:	75	Resp:	68496
Ion	Ratio	Lower	Upper
75	100		
110	30.2	18.3	54.8
77	31.0	25.1	37.7





#37

Ethyl Acetate

Concen: 20.480 ug/l

RT: 7.410 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN072807.D

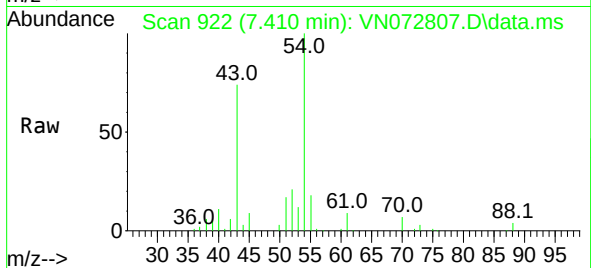
Acq: 13 Jun 2022 20:31

Instrument :

MSVOA_N

ClientSampleId :

VN0613WBS01



Tgt Ion: 43 Resp: 11679

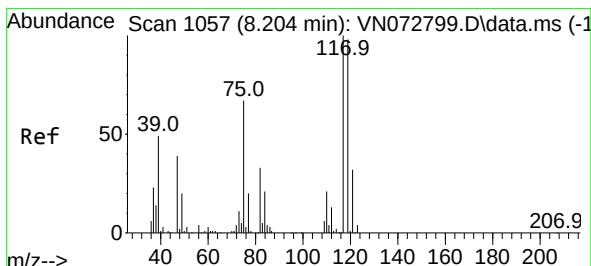
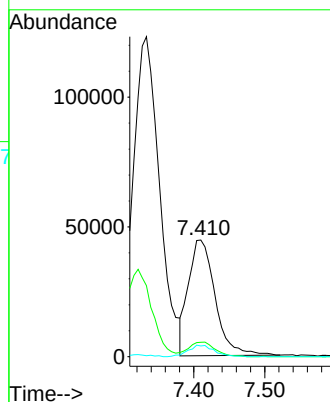
Ion	Ratio	Lower	Upper
43	100		
61	12.8	11.8	17.6
70	9.6	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#38

Carbon Tetrachloride

Concen: 18.502 ug/l

RT: 8.198 min Scan# 1056

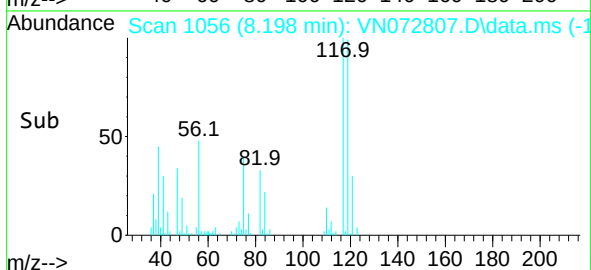
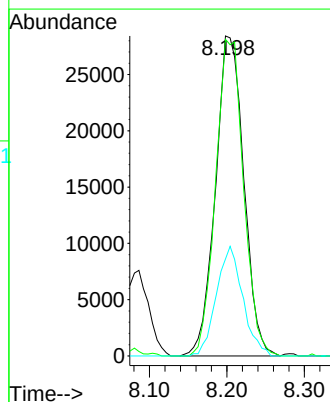
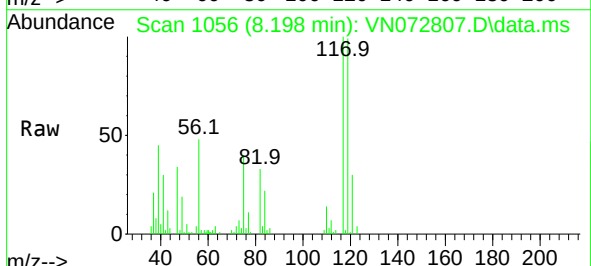
Delta R.T. -0.006 min

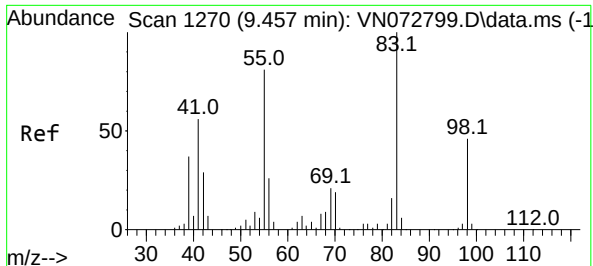
Lab File: VN072807.D

Acq: 13 Jun 2022 20:31

Tgt Ion: 117 Resp: 72386

Ion	Ratio	Lower	Upper
117	100		
119	99.0	75.8	113.8
121	30.3	24.6	37.0





#39

Methylcyclohexane

Concen: 17.784 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072807.D

Acq: 13 Jun 2022 20:31

Instrument :

MSVOA_N

ClientSampleId :

VN0613WBS01

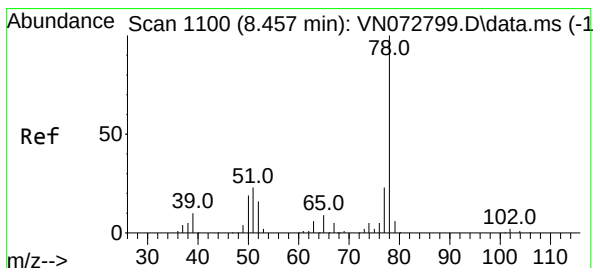
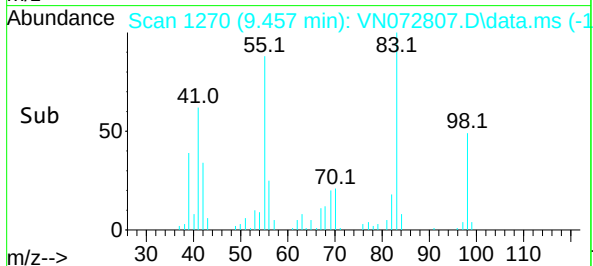
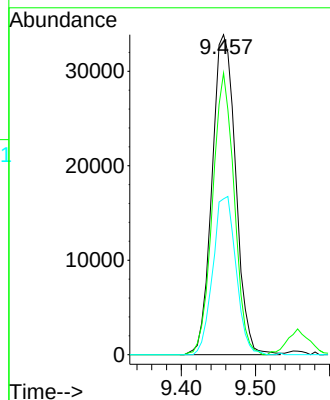
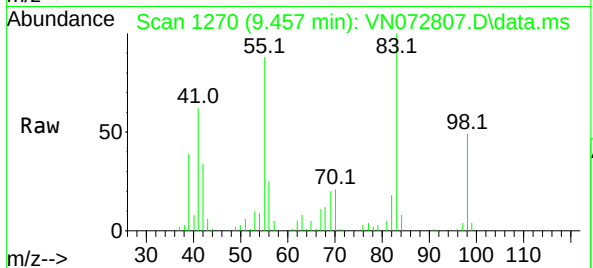
Tgt Ion: 83	Resp: 75230
Ion Ratio	Lower Upper
83	100
55	88.0 57.8 86.8
98	48.7 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#40

Benzene

Concen: 19.776 ug/l

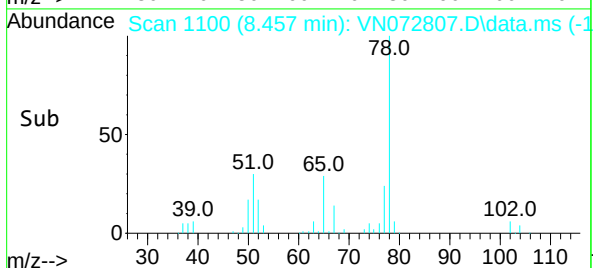
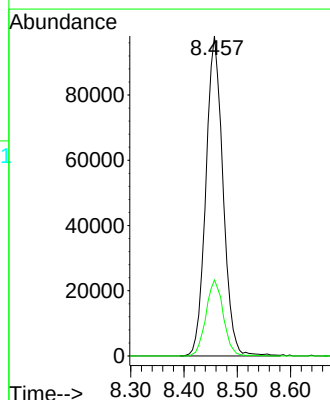
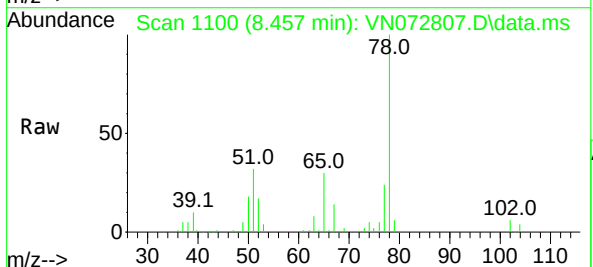
RT: 8.457 min Scan# 1100

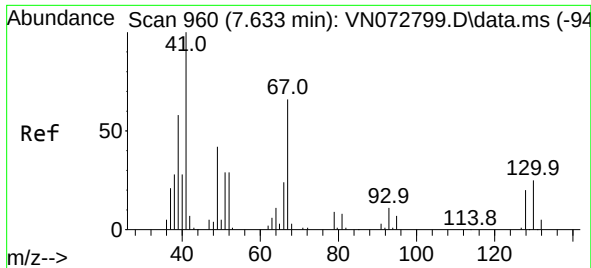
Delta R.T. -0.000 min

Lab File: VN072807.D

Acq: 13 Jun 2022 20:31

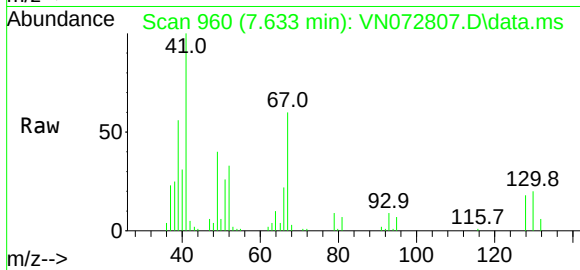
Tgt Ion: 78	Resp: 218702
Ion Ratio	Lower Upper
78	100
77	23.8 19.4 29.0





#41
Methacrylonitrile
Concen: 21.199 ug/l
RT: 7.633 min Scan# 960
Delta R.T. 0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

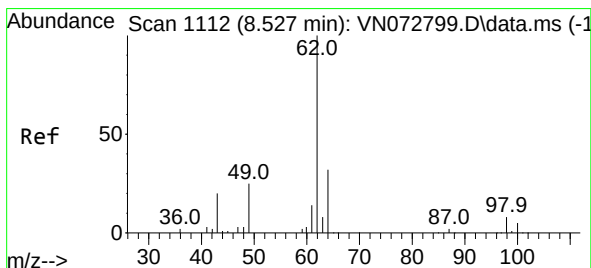
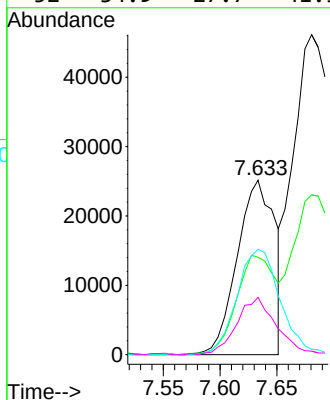
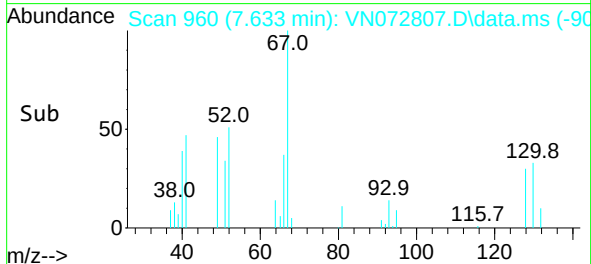
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01



Tgt Ion: 41 Resp: 57890
Ion Ratio Lower Upper
41 100
39 58.4 48.6 73.0
67 69.5 73.4 110.2
52 34.9 27.7 41.5

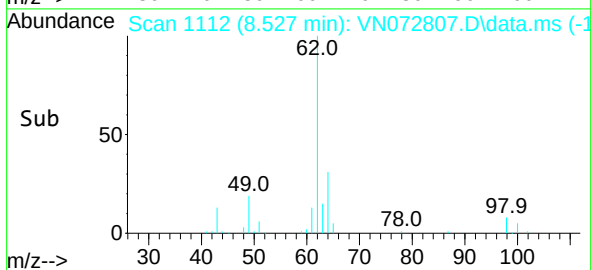
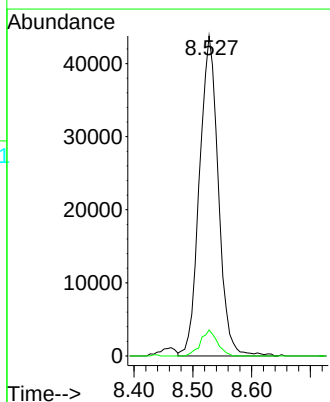
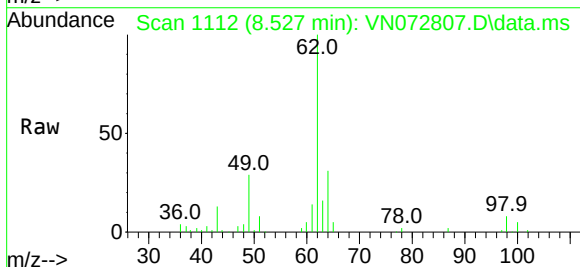
Manual Integrations
APPROVED

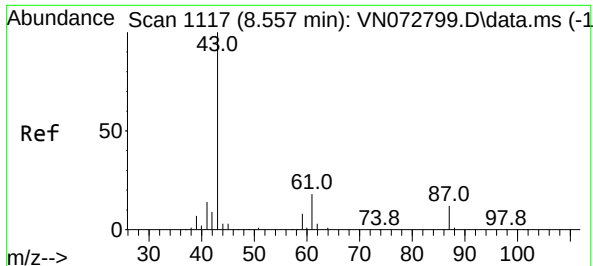
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#42
1,2-Dichloroethane
Concen: 20.407 ug/l
RT: 8.527 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

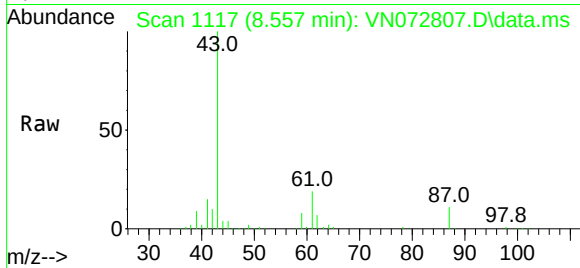
Tgt Ion: 62 Resp: 97501
Ion Ratio Lower Upper
62 100
98 7.2 0.0 19.4





#43
Isopropyl Acetate
Concen: 20.419 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

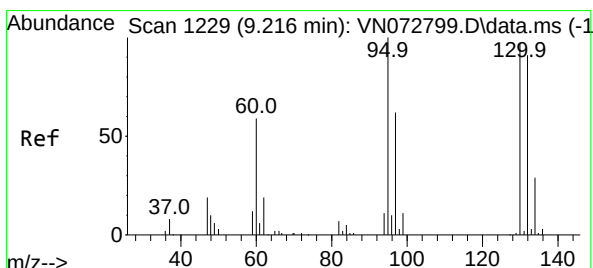
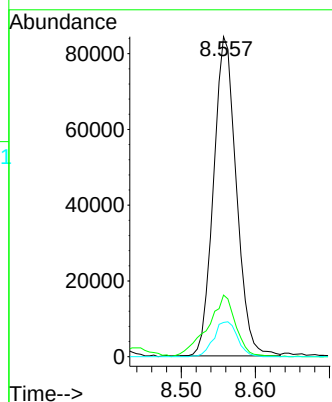
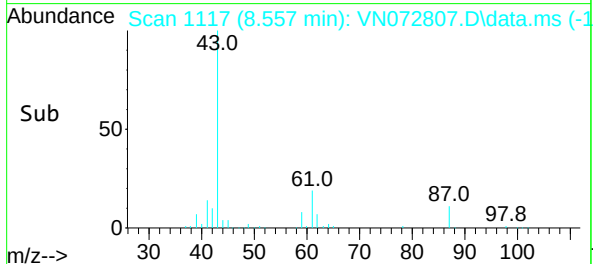
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01



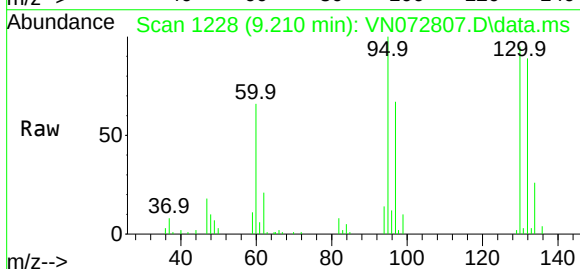
Tgt Ion: 43 Resp: 180260
Ion Ratio Lower Upper
43 100
61 23.8 21.9 32.9
87 11.4 12.0 18.0

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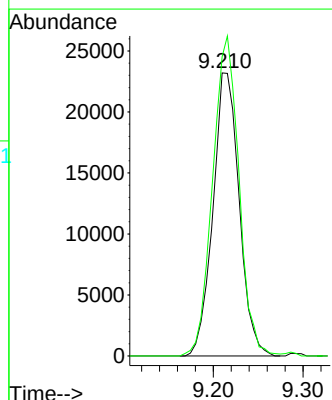
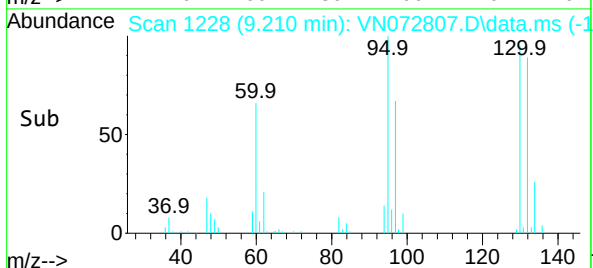
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

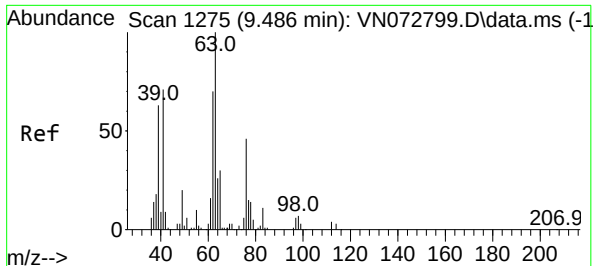


#44
Trichloroethene
Concen: 18.717 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31



Tgt Ion:130 Resp: 47095
Ion Ratio Lower Upper
130 100
95 105.7 0.0 186.8





#45

1,2-Dichloropropane

Concen: 19.931 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072807.D

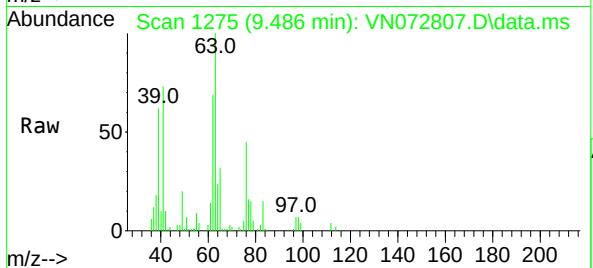
Acq: 13 Jun 2022 20:31

Instrument :

MSVOA_N

ClientSampleId :

VN0613WBS01



Tgt Ion: 63 Resp: 6199

Ion Ratio Lower Upper

63 100

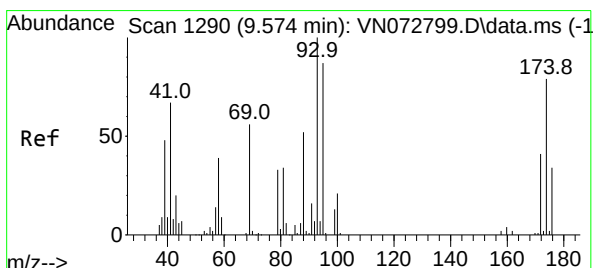
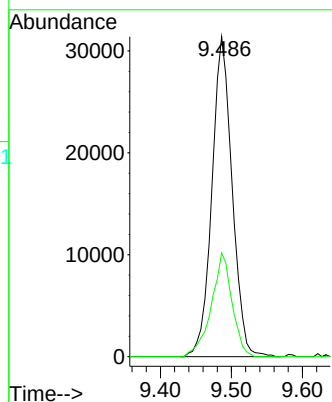
65 32.5 24.9 37.3

Manual Integrations

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Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#46

Dibromomethane

Concen: 20.359 ug/l

RT: 9.574 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VN072807.D

Acq: 13 Jun 2022 20:31

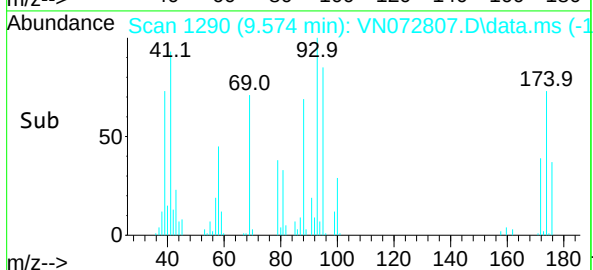
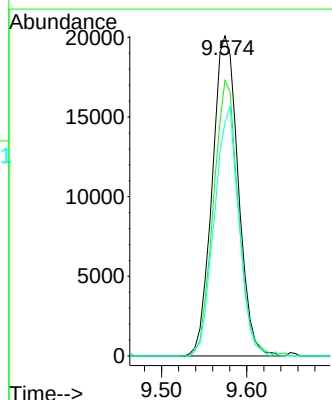
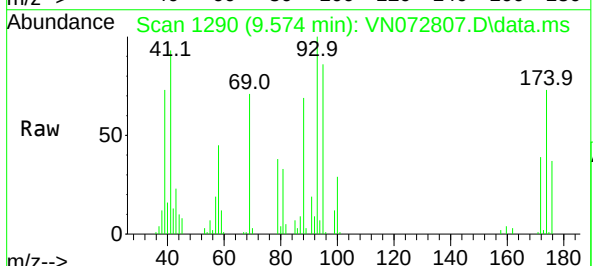
Tgt Ion: 93 Resp: 42491

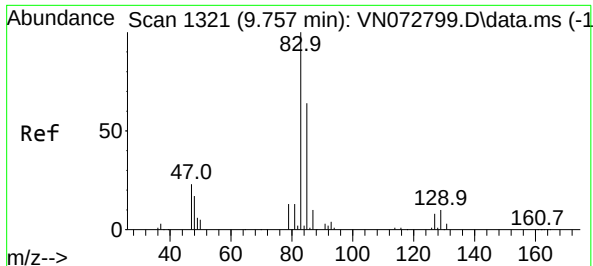
Ion Ratio Lower Upper

93 100

95 82.4 66.9 100.3

174 73.8 86.6 130.0





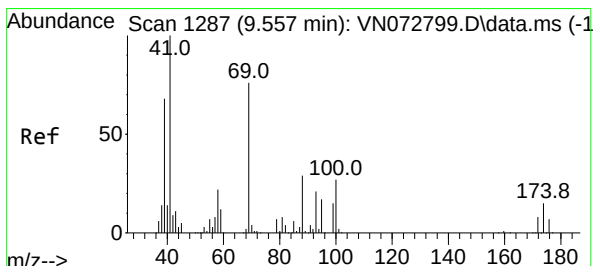
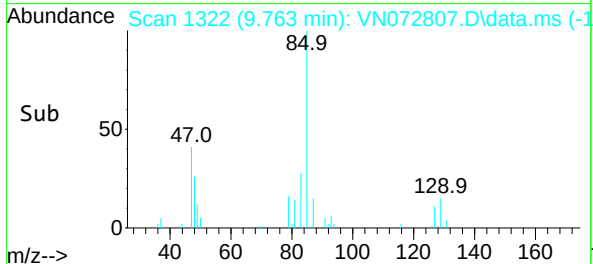
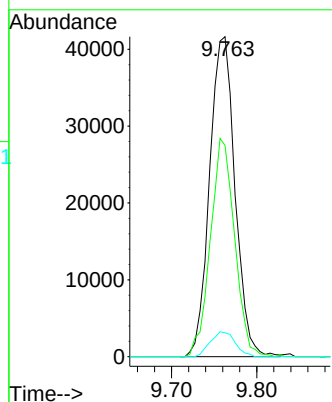
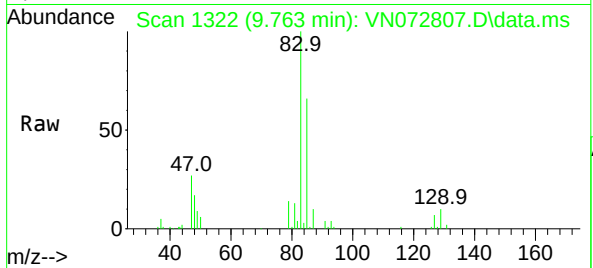
#47
Bromodichloromethane
Concen: 19.883 ug/l
RT: 9.763 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

Tgt Ion: 83 Resp: 8624
Ion Ratio Lower Upper
83 100
85 66.1 50.5 75.7
127 7.5 6.8 10.2

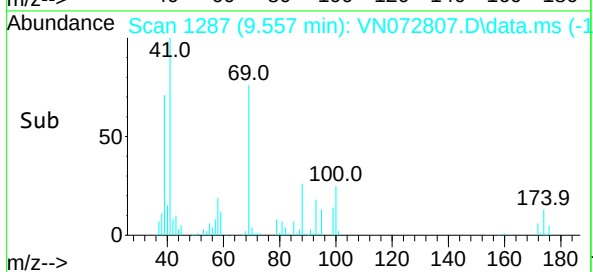
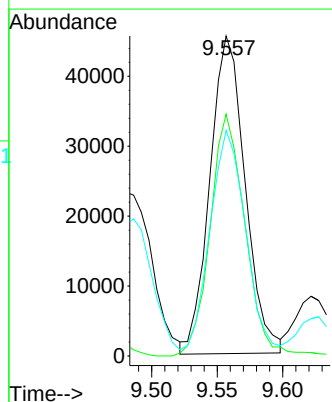
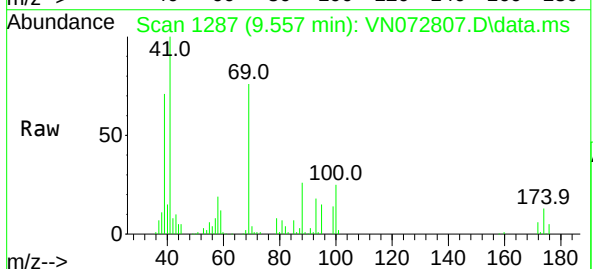
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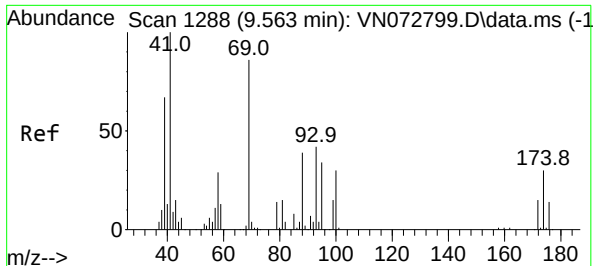
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#48
Methyl methacrylate
Concen: 20.723 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

Tgt Ion: 41 Resp: 84898
Ion Ratio Lower Upper
41 100
69 75.7 74.7 112.1
39 72.3 45.6 68.4#





#49

1,4-Dioxane

Concen: 470.265 ug/l

RT: 9.563 min Scan# 1288

Delta R.T. -0.000 min

Lab File: VN072807.D

Acq: 13 Jun 2022 20:31

Instrument :

MSVOA_N

ClientSampleId :

VN0613WBS01

Tgt Ion: 88 Resp: 32910

Ion Ratio Lower Upper

88 100

43 36.0 20.2 30.4

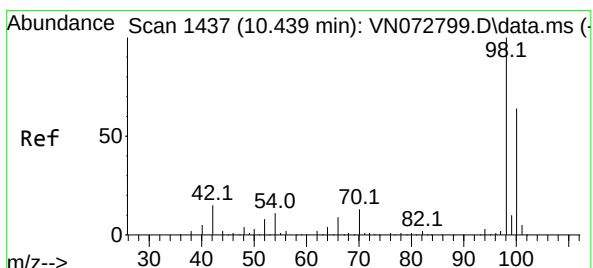
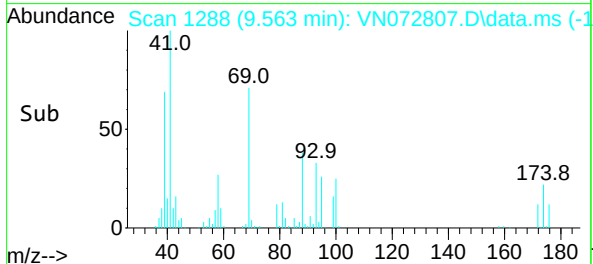
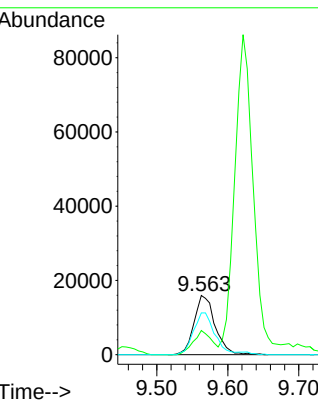
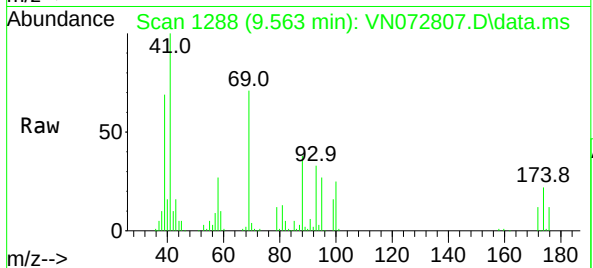
58 73.6 54.2 81.4

Manual Integrations

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Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#50

Toluene-d8

Concen: 51.574 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072807.D

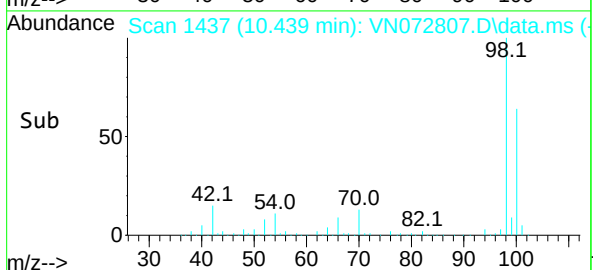
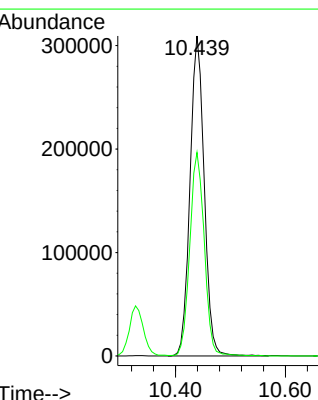
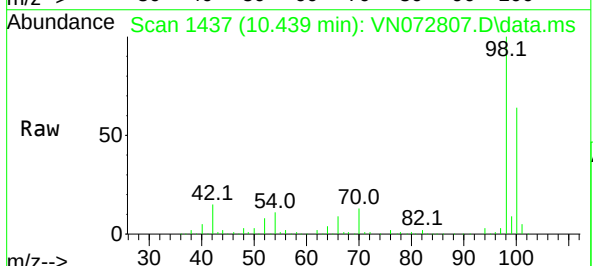
Acq: 13 Jun 2022 20:31

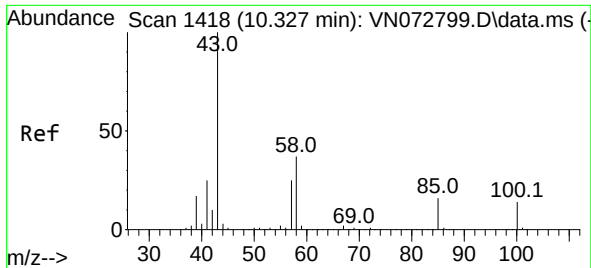
Tgt Ion: 98 Resp: 554819

Ion Ratio Lower Upper

98 100

100 65.1 52.6 78.8





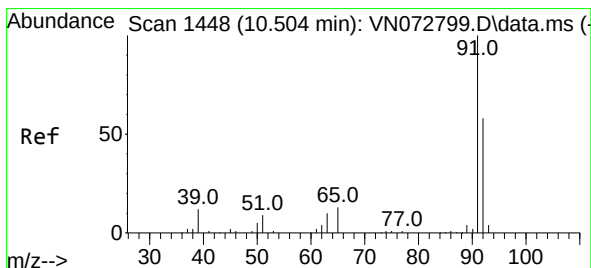
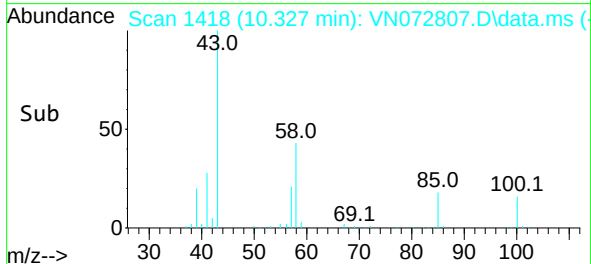
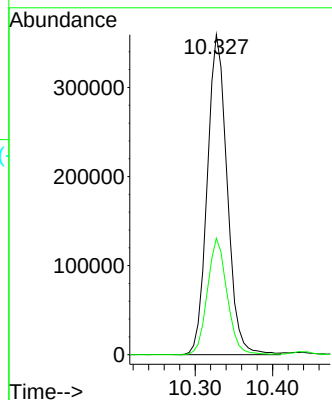
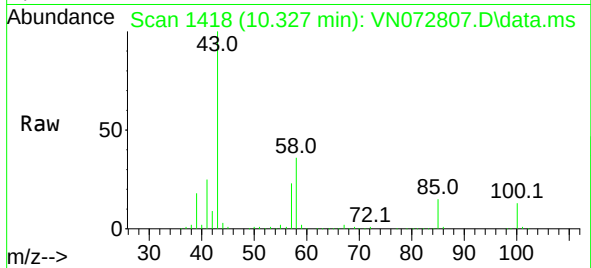
#51
4-Methyl-2-Pentanone
Concen: 109.442 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

Tgt Ion: 43 Resp: 64087
Ion Ratio Lower Upper
43 100
58 36.0 34.1 51.1

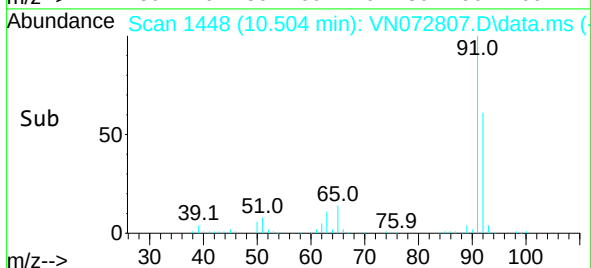
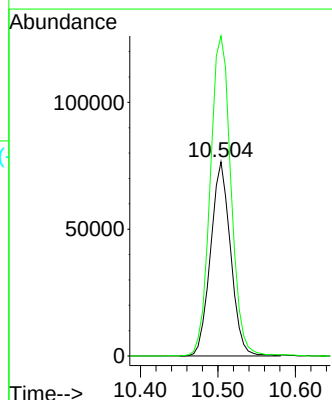
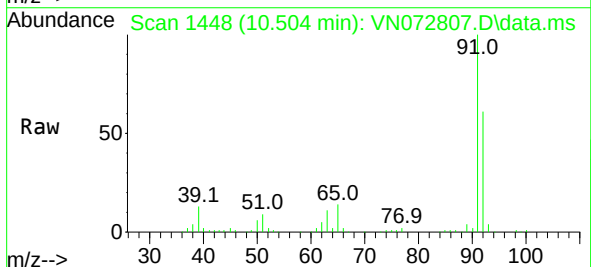
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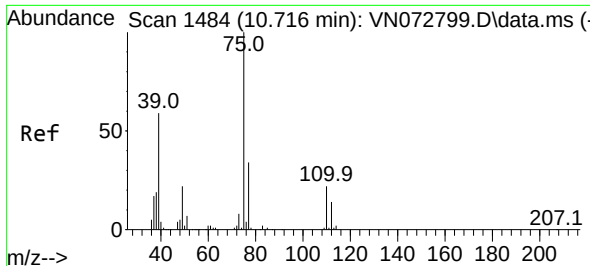
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#52
Toluene
Concen: 19.543 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

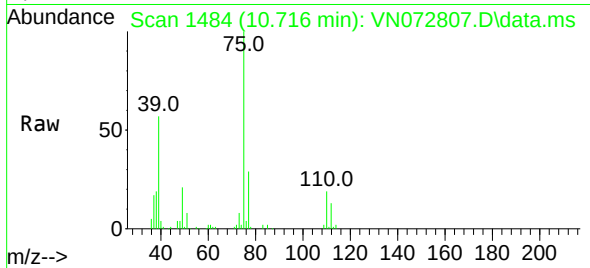
Tgt Ion: 92 Resp: 137186
Ion Ratio Lower Upper
92 100
91 171.6 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 19.095 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

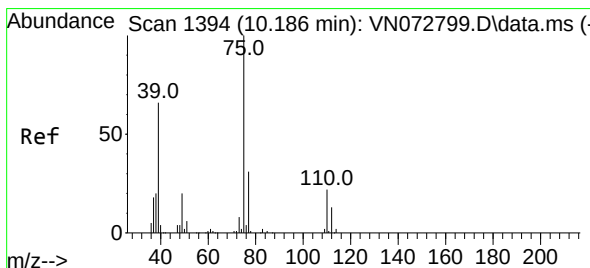
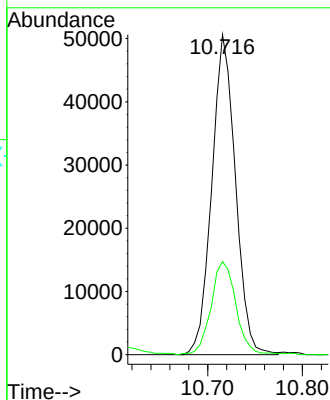
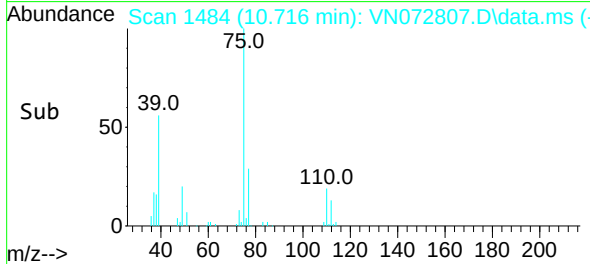
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01



Tgt Ion: 75 Resp: 87884
Ion Ratio Lower Upper
75 100
77 29.1 25.6 38.4

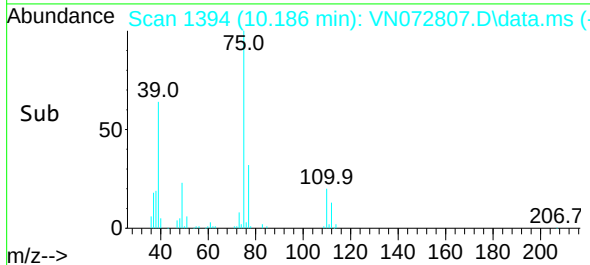
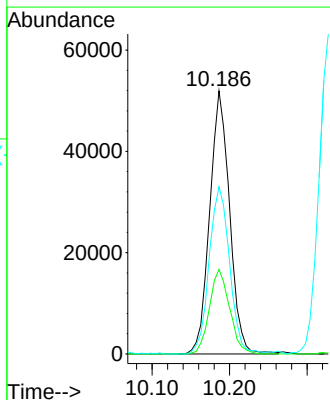
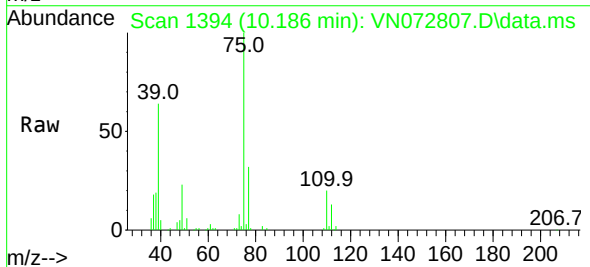
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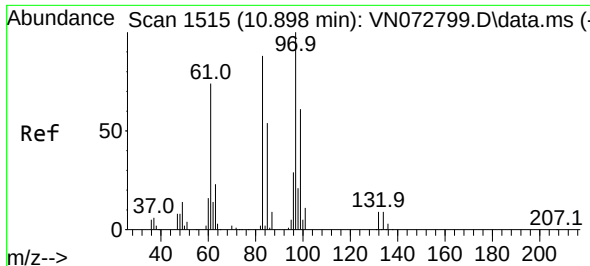
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#54
cis-1,3-Dichloropropene
Concen: 18.998 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

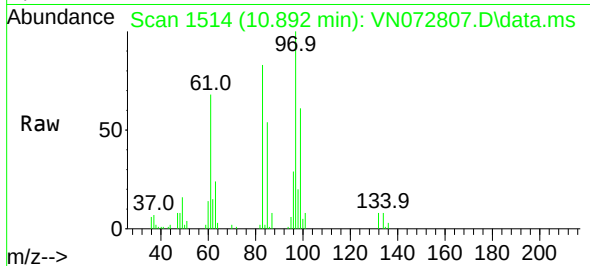
Tgt Ion: 75 Resp: 92798
Ion Ratio Lower Upper
75 100
77 32.2 25.2 37.8
39 63.6 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 20.315 ug/l
RT: 10.892 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

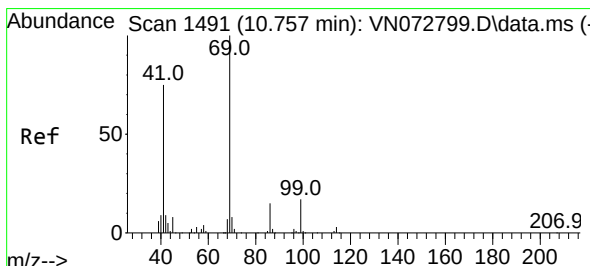
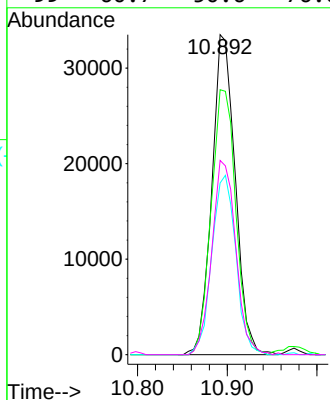
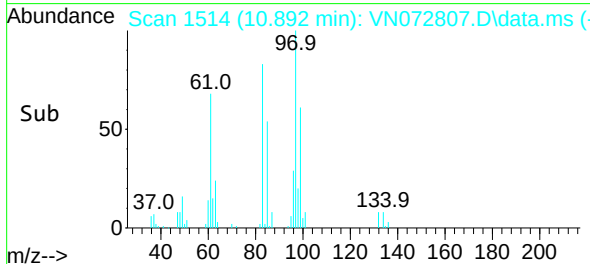
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01



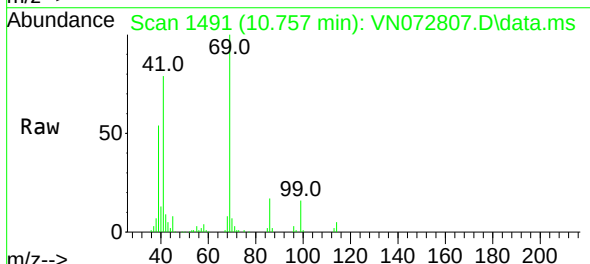
Tgt Ion	Ratio	Lower	Upper
97	100		
83	82.8	66.2	99.4
85	53.7	43.9	65.9
99	60.7	50.6	76.0

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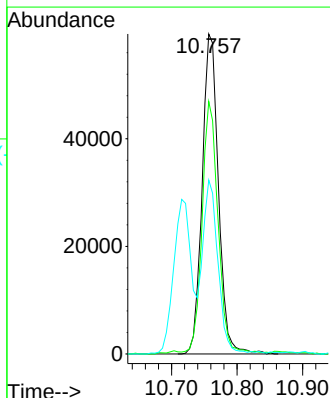
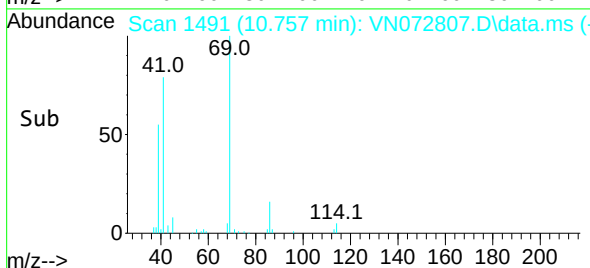
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

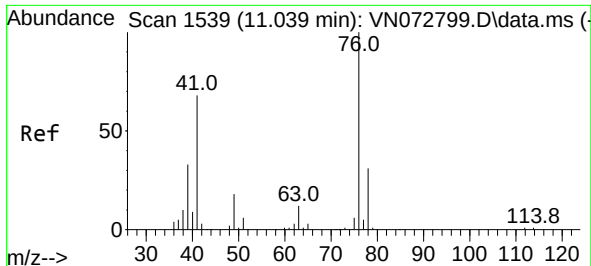


#56
Ethyl methacrylate
Concen: 19.794 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31



Tgt Ion	Ratio	Lower	Upper
69	100		
41	75.9	47.8	71.6#
39	49.5	27.3	40.9#





#57

1,3-Dichloropropane

Concen: 20.319 ug/l

RT: 11.045 min Scan# 1539

Delta R.T. 0.006 min

Lab File: VN072807.D

Acq: 13 Jun 2022 20:31

Instrument :

MSVOA_N

ClientSampleId :

VN0613WBS01

Tgt Ion: 76 Resp: 108524

Ion Ratio Lower Upper

76 100

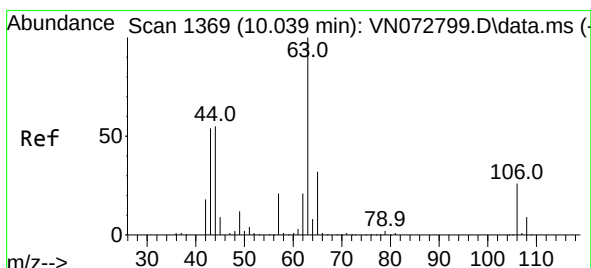
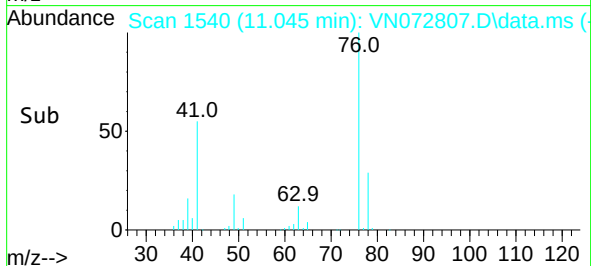
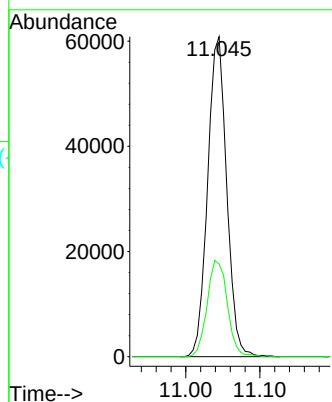
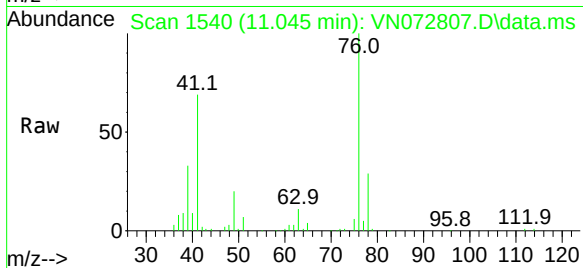
78 32.0 26.2 39.2

Manual Integrations

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Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#58

2-Chloroethyl Vinyl ether

Concen: 107.492 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN072807.D

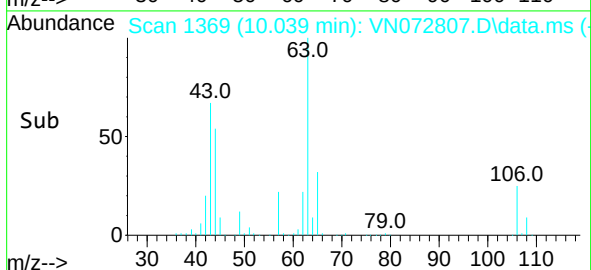
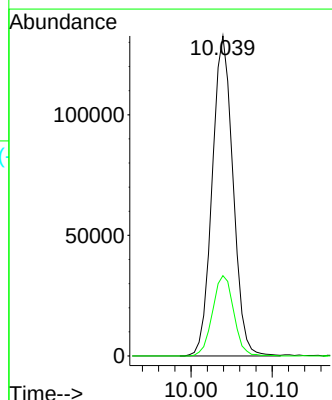
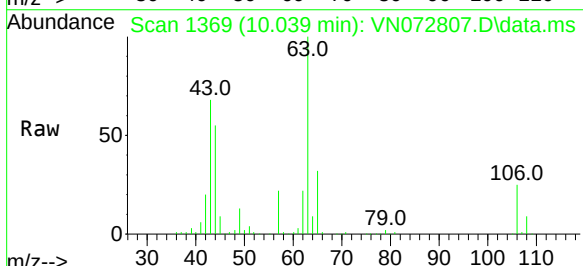
Acq: 13 Jun 2022 20:31

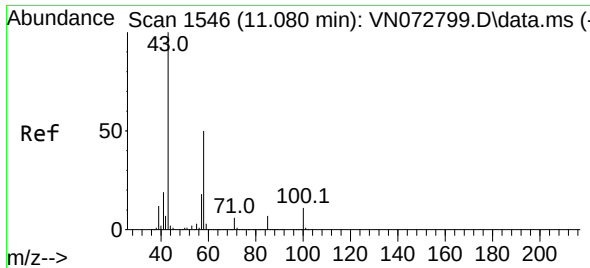
Tgt Ion: 63 Resp: 236169

Ion Ratio Lower Upper

63 100

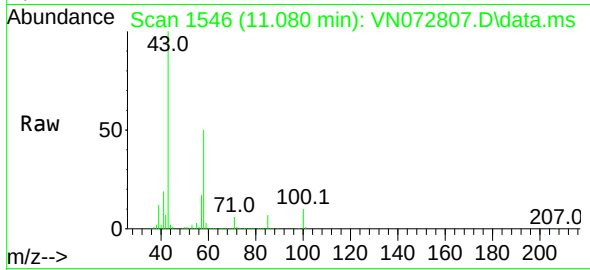
106 25.6 24.6 36.8





#59
2-Hexanone
Concen: 107.636 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

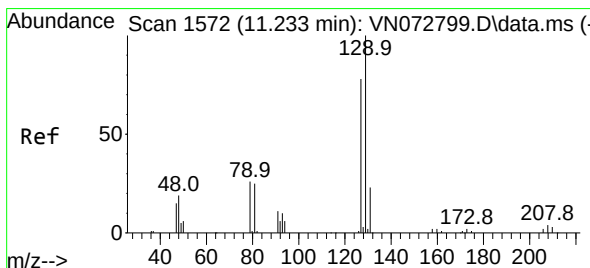
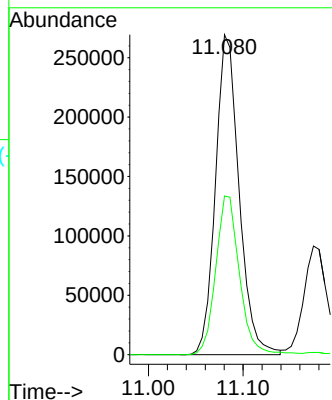
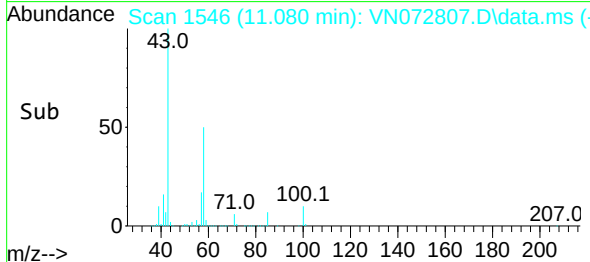
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01



Tgt Ion: 43 Resp: 46688
Ion Ratio Lower Upper
43 100
58 50.0 29.7 89.1

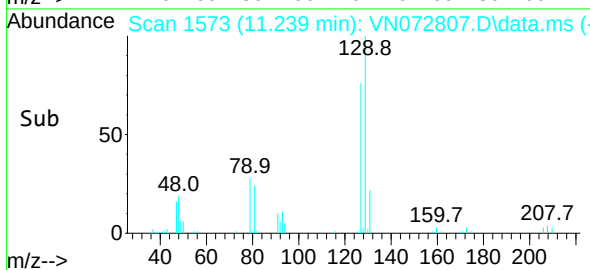
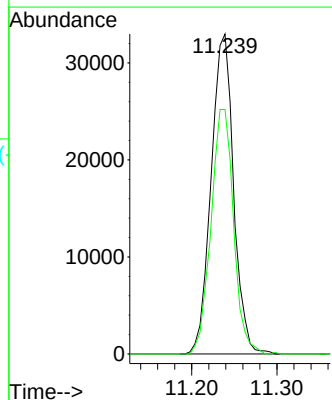
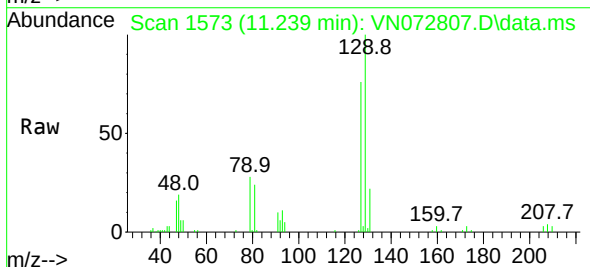
Manual Integrations
APPROVED

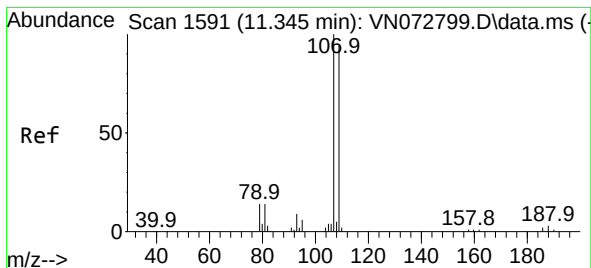
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#60
Dibromochloromethane
Concen: 19.496 ug/l
RT: 11.239 min Scan# 1573
Delta R.T. 0.006 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

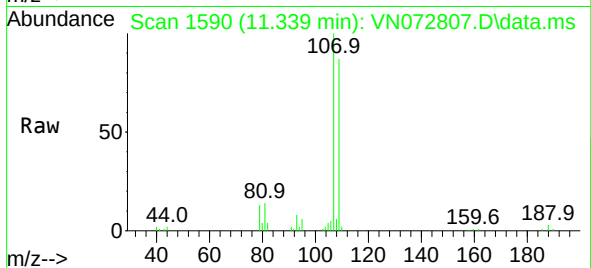
Tgt Ion:129 Resp: 60275
Ion Ratio Lower Upper
129 100
127 77.0 38.8 116.4





#61
1,2-Dibromoethane
Concen: 19.956 ug/l
RT: 11.339 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

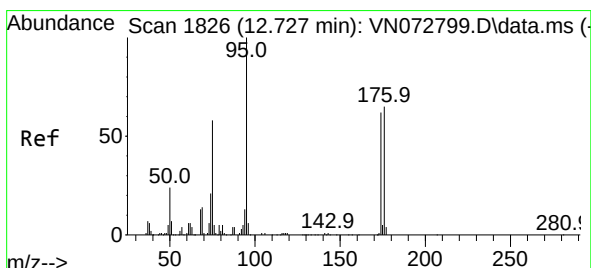
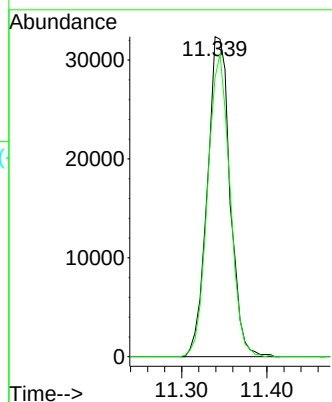
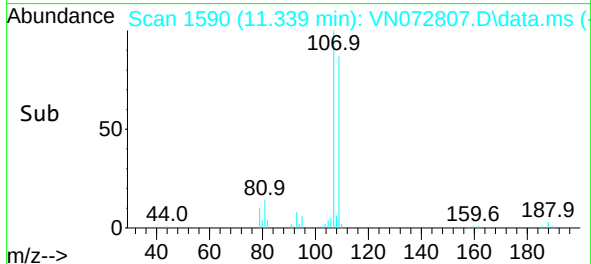
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01



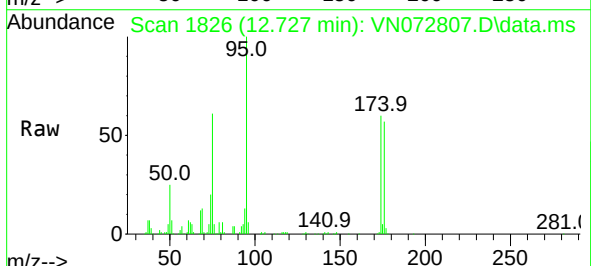
Tgt Ion:107 Resp: 59910
Ion Ratio Lower Upper
107 100
109 92.8 75.0 112.6

Manual Integrations
APPROVED

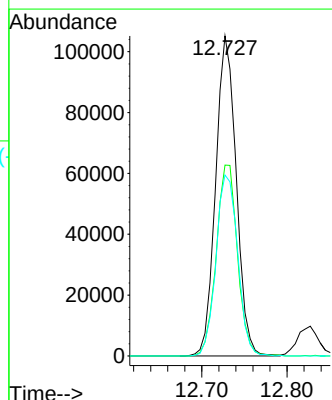
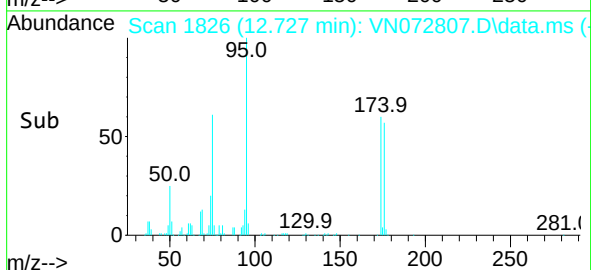
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

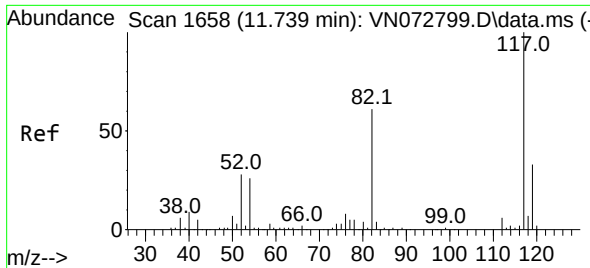


#62
4-Bromofluorobenzene
Concen: 46.514 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31



Tgt Ion: 95 Resp: 176829
Ion Ratio Lower Upper
95 100
174 61.5 0.0 167.6
176 59.6 0.0 163.4





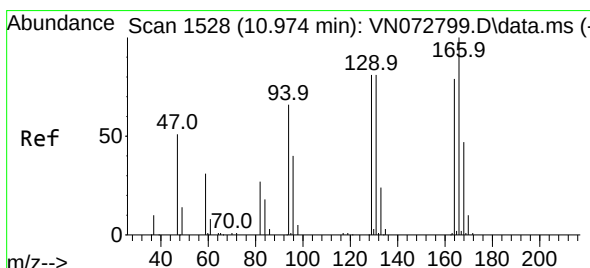
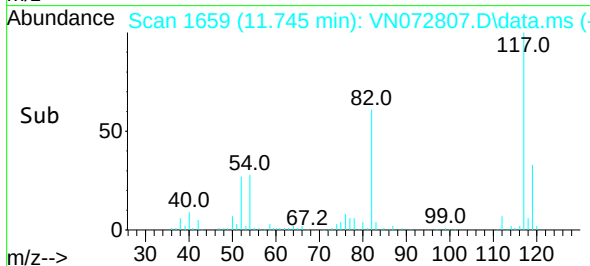
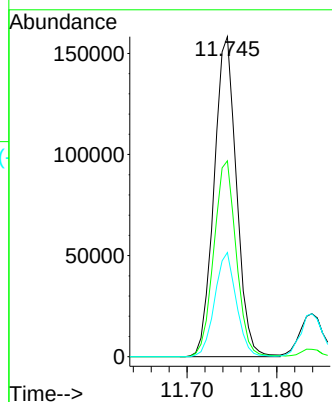
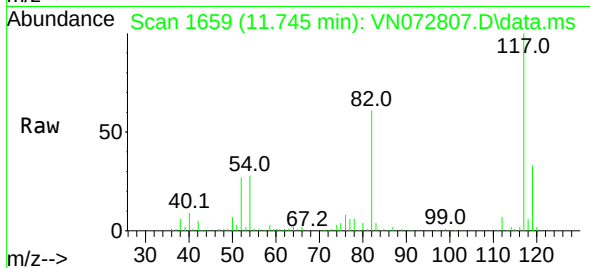
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.745 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

Tgt Ion:117 Resp: 27412
Ion Ratio Lower Upper
117 100
82 61.2 44.2 66.2
119 32.5 25.4 38.0

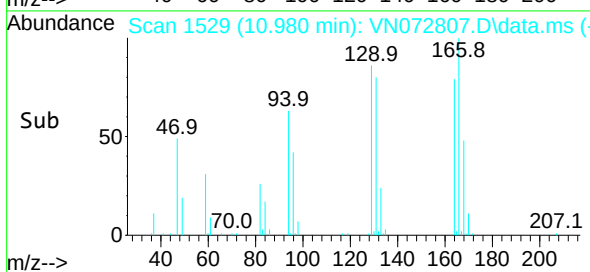
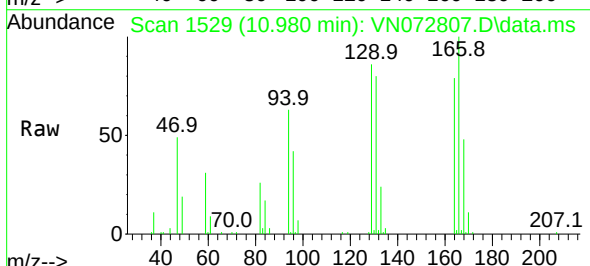
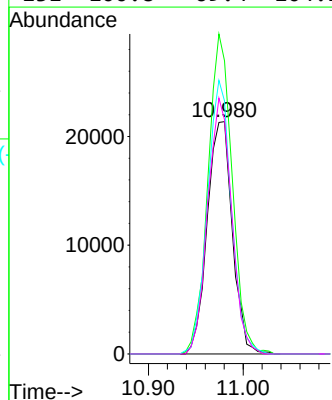
Manual Integrations
APPROVED

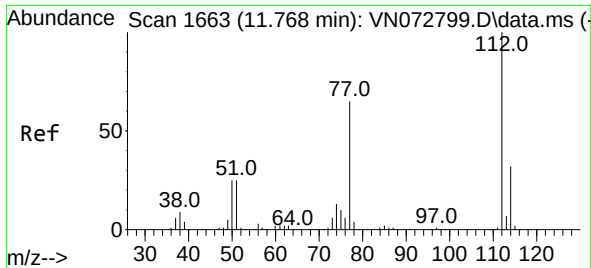
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#64
Tetrachloroethene
Concen: 18.736 ug/l
RT: 10.980 min Scan# 1529
Delta R.T. 0.006 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

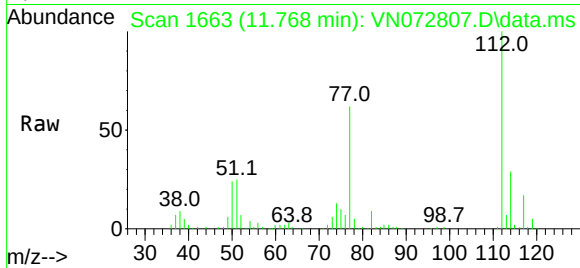
Tgt Ion:164 Resp: 39313
Ion Ratio Lower Upper
164 100
166 126.2 104.2 156.2
129 108.8 73.9 110.9
131 100.8 69.4 104.2





#65
Chlorobenzene
Concen: 19.087 ug/l
RT: 11.768 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

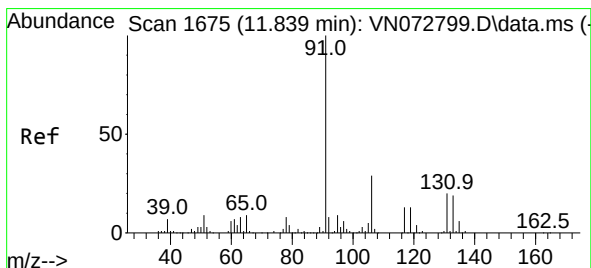
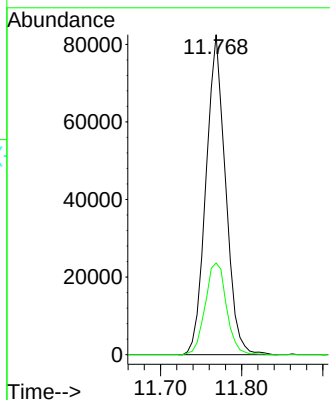
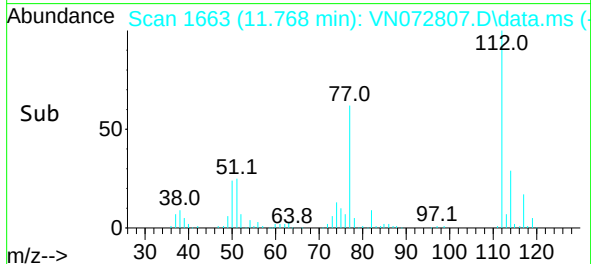
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01



Tgt Ion:112 Resp: 137954
Ion Ratio Lower Upper
112 100
114 28.7 25.4 38.2

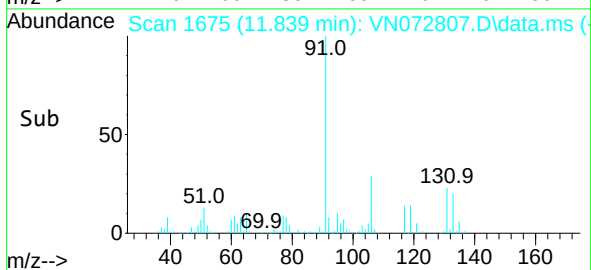
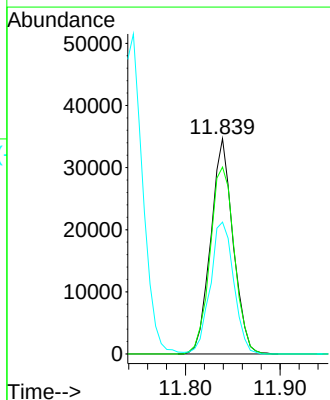
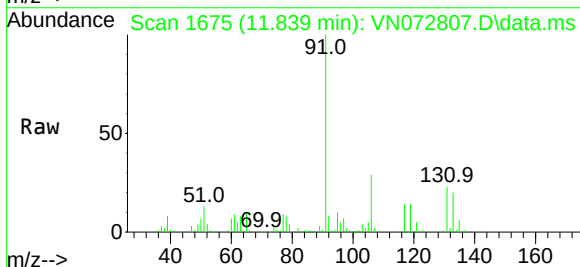
Manual Integrations
APPROVED

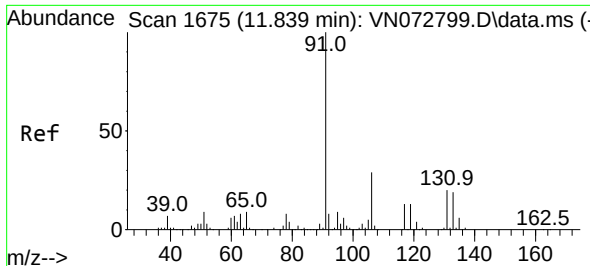
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 20.561 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

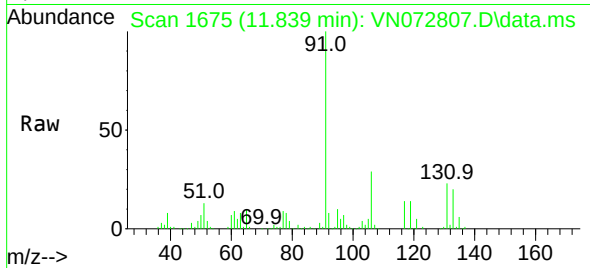
Tgt Ion:131 Resp: 56666
Ion Ratio Lower Upper
131 100
133 94.5 47.8 143.4
119 64.6 33.4 100.2





#67
Ethyl Benzene
Concen: 19.194 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

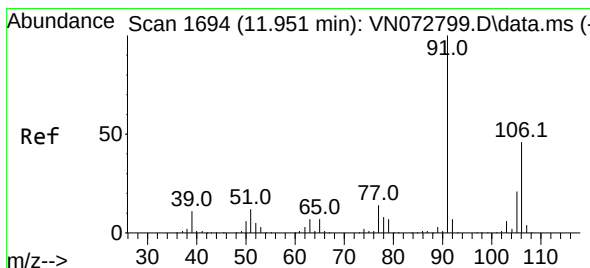
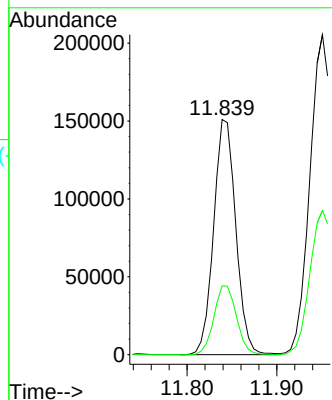
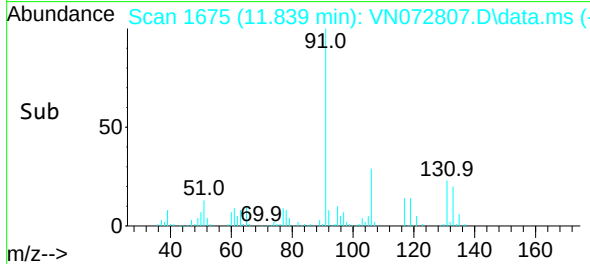
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01



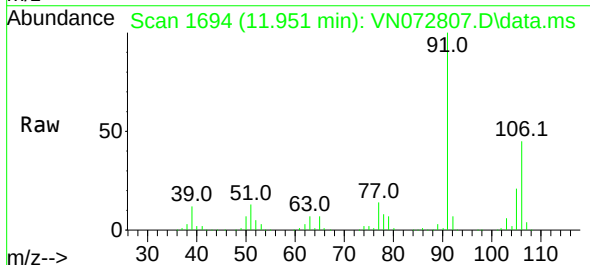
Tgt Ion: 91 Resp: 25908
Ion Ratio Lower Upper
91 100
106 29.3 24.9 37.3

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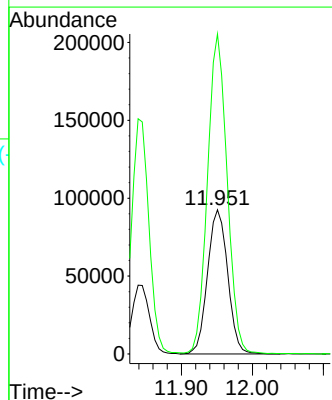
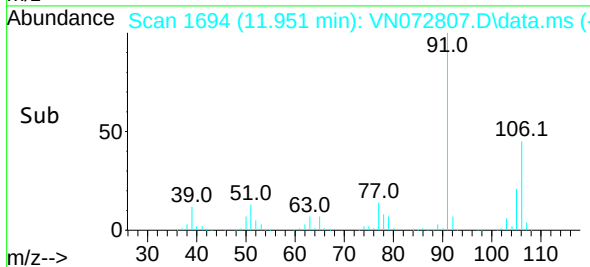
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

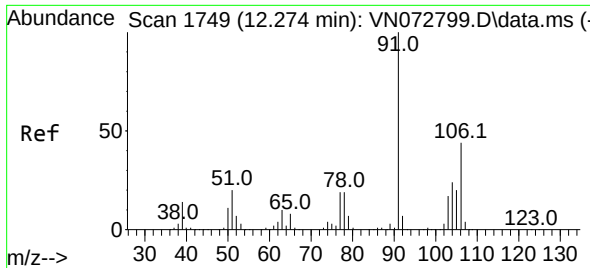


#68
m/p-Xylenes
Concen: 37.830 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31



Tgt Ion:106 Resp: 182621
Ion Ratio Lower Upper
106 100
91 216.3 158.9 238.3





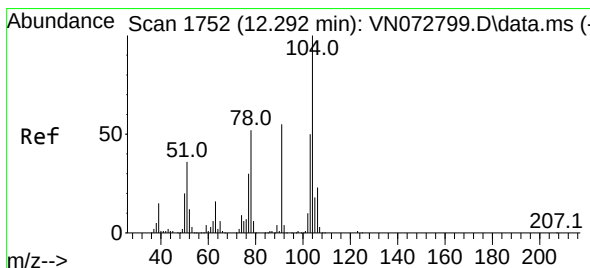
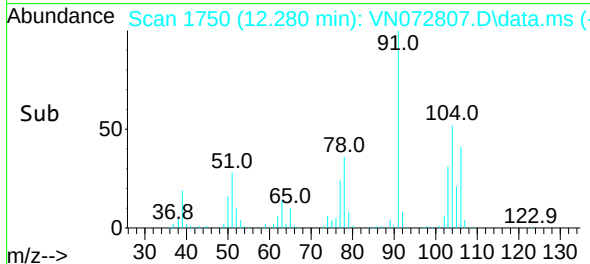
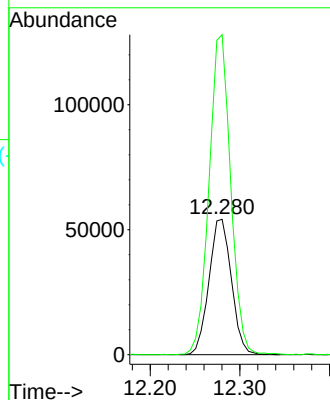
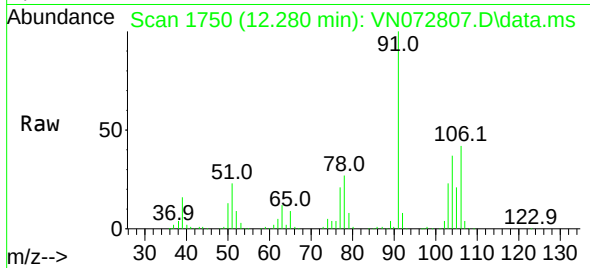
#69
o-Xylene
Concen: 19.367 ug/l
RT: 12.280 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01

Tgt Ion:106 Resp: 9411
Ion Ratio Lower Upper
106 100
91 228.3 106.0 318.0

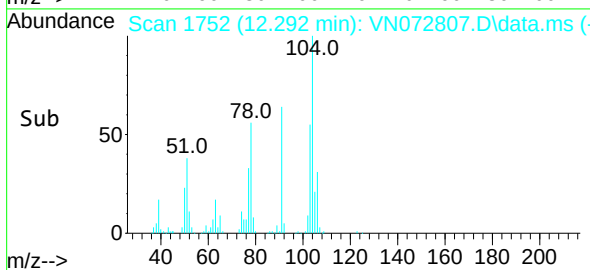
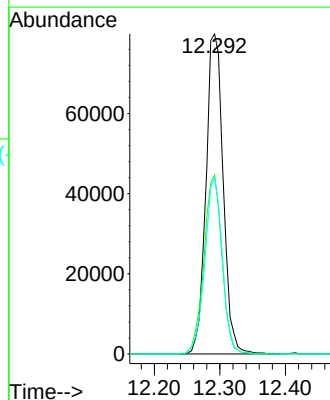
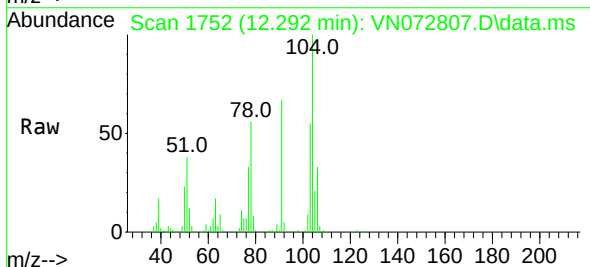
Manual Integrations
APPROVED

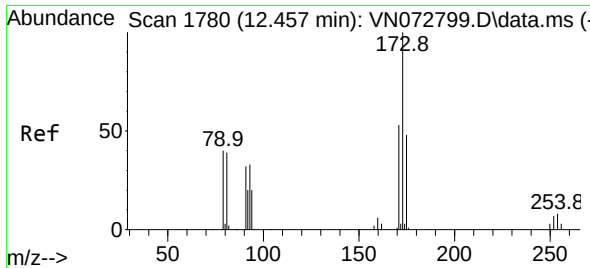
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#70
Styrene
Concen: 18.909 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. -0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

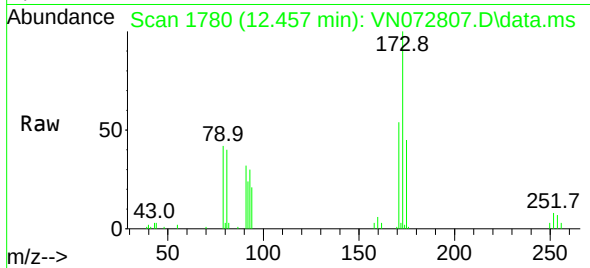
Tgt Ion:104 Resp: 146282
Ion Ratio Lower Upper
104 100
78 58.3 39.5 59.3
103 55.8 44.0 66.0





#71
Bromoform
Concen: 19.632 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

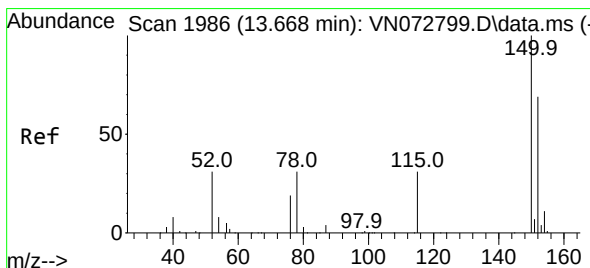
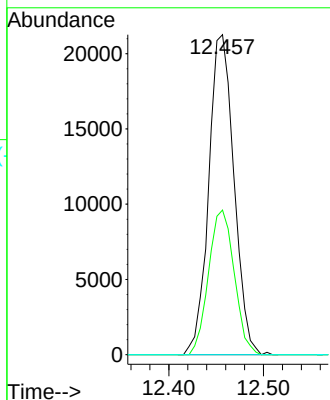
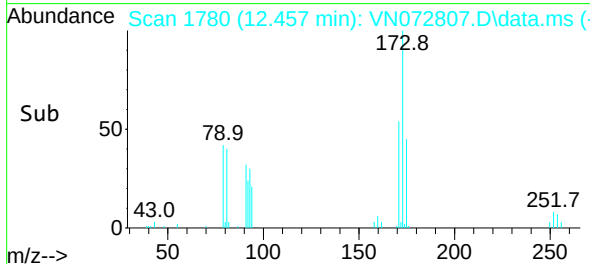
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01



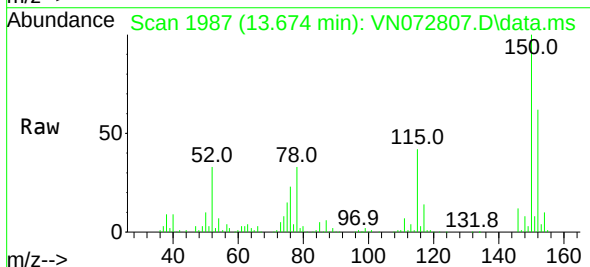
Tgt Ion:173 Resp: 3935
Ion Ratio Lower Upper
173 100
175 46.0 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

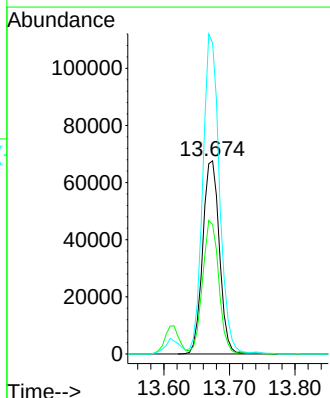
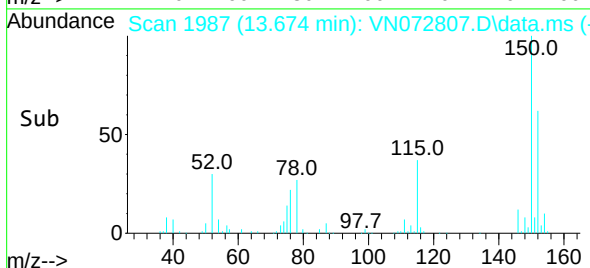
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

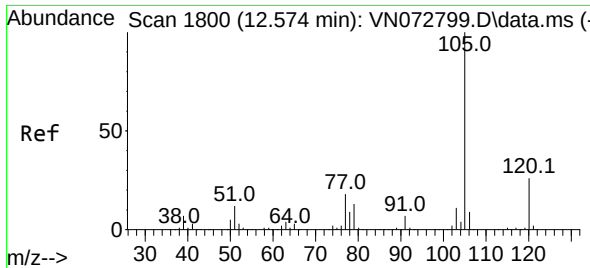


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31



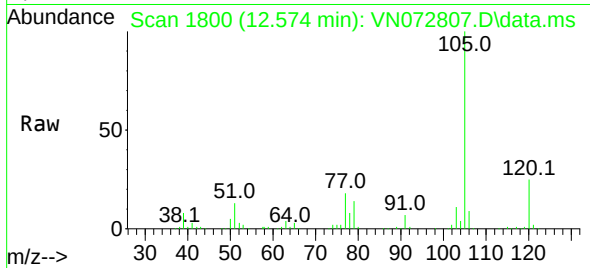
Tgt Ion:152 Resp: 119969
Ion Ratio Lower Upper
152 100
115 67.5 28.9 86.7
150 163.4 0.0 356.2





#73
Isopropylbenzene
Concen: 19.965 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

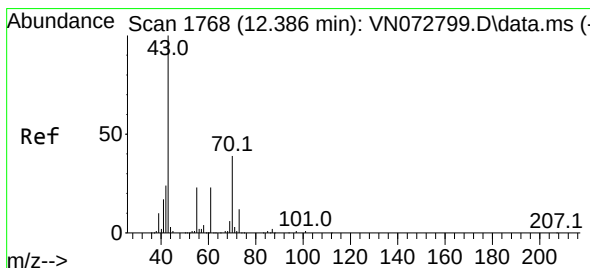
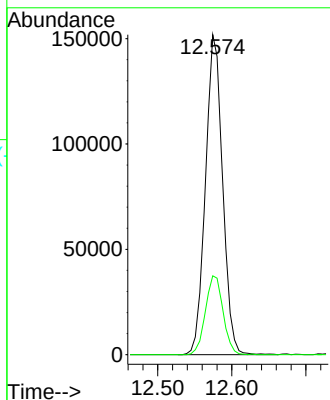
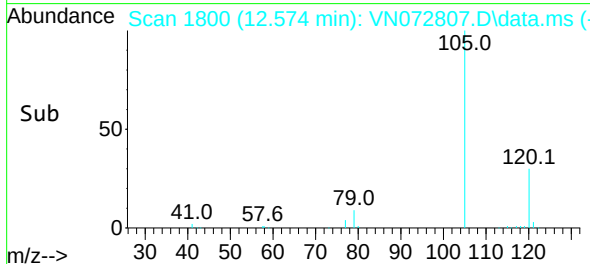
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01



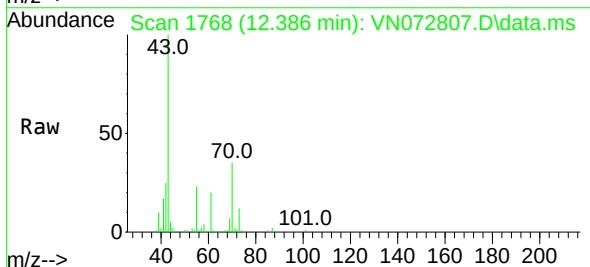
Tgt Ion: 105 Resp: 244135
Ion Ratio Lower Upper
105 100
120 25.3 13.5 40.4

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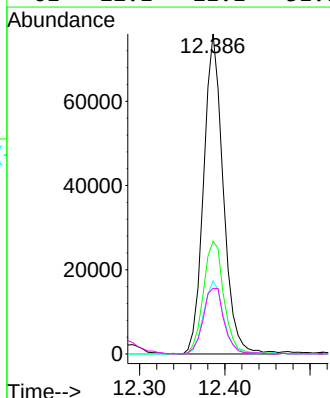
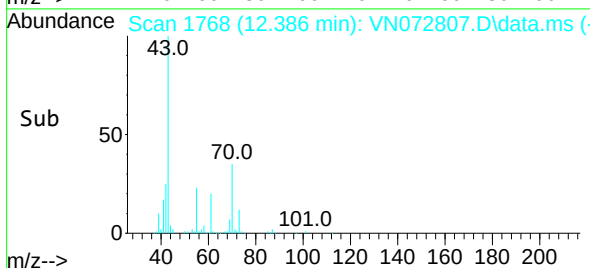
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

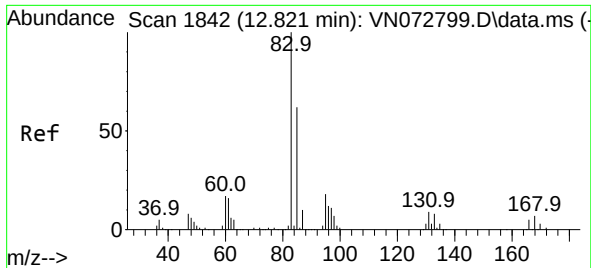


#74
N-ethyl acetate
Concen: 20.703 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31



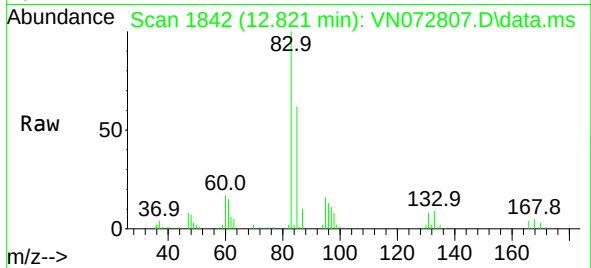
Tgt Ion: 43 Resp: 121408
Ion Ratio Lower Upper
43 100
70 36.8 39.0 58.4#
55 23.2 21.1 31.7
61 22.1 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 22.152 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

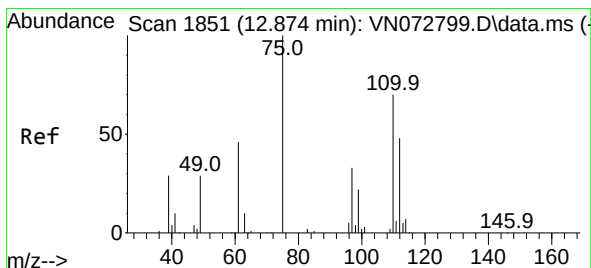
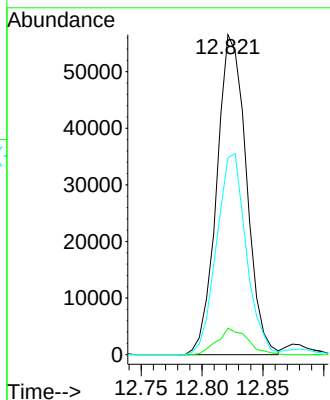
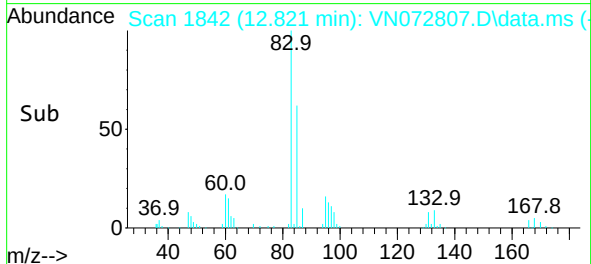
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01



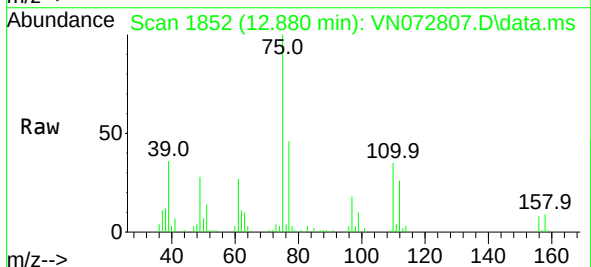
Tgt Ion: 83 Resp: 95578
Ion Ratio Lower Upper
83 100
131 8.5 5.3 15.9
85 63.0 32.3 96.9

Manual Integrations
APPROVED

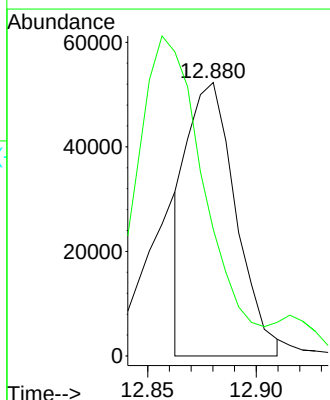
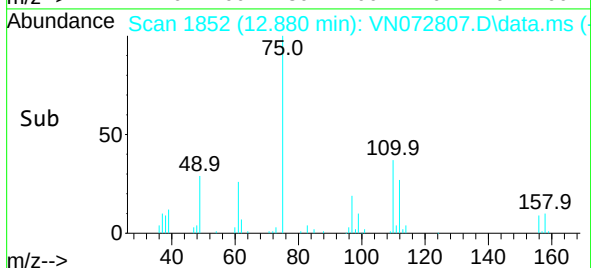
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

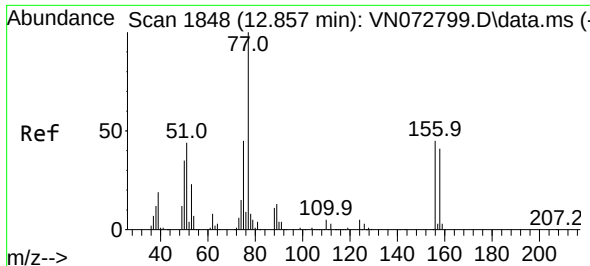


#76
1,2,3-Trichloropropane
Concen: 19.757 ug/l m
RT: 12.880 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31



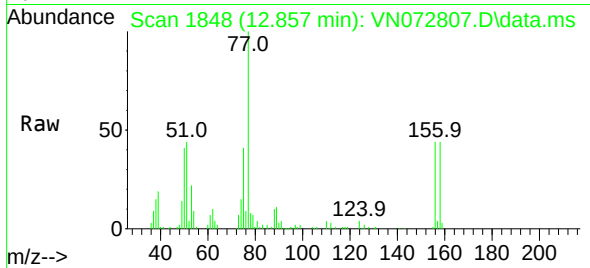
Tgt Ion: 75 Resp: 81350
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 19.666 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

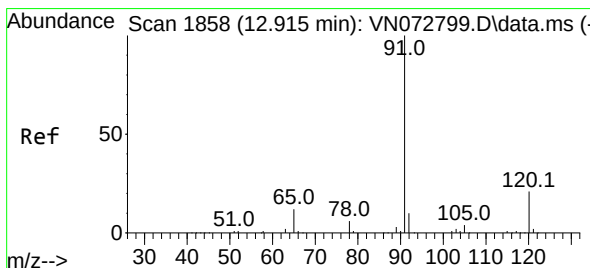
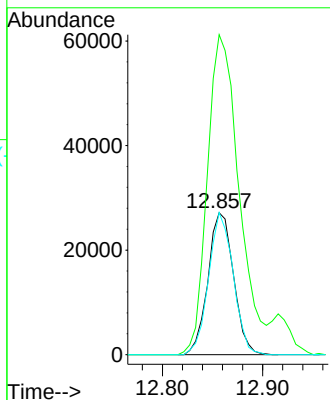
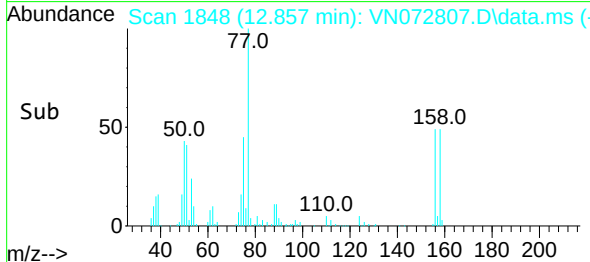
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01



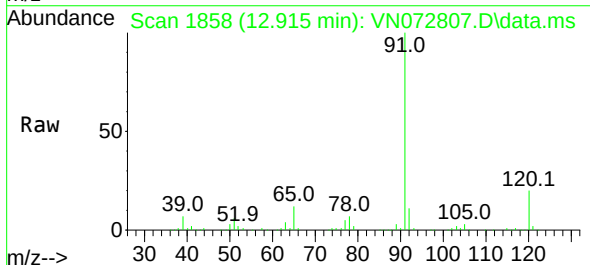
Tgt Ion:156 Resp: 4824
Ion Ratio Lower Upper
156 100
77 278.4 100.5 301.5
158 95.8 48.9 146.6

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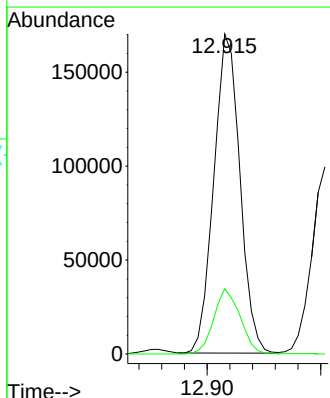
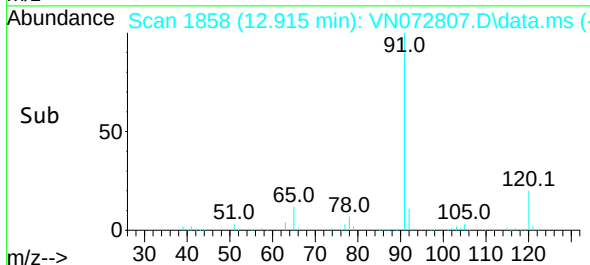
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

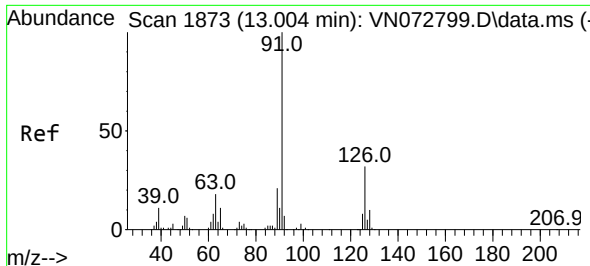


#78
n-propylbenzene
Concen: 19.923 ug/l
RT: 12.915 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31



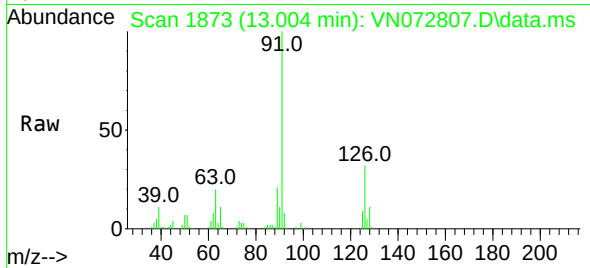
Tgt Ion: 91 Resp: 271258
Ion Ratio Lower Upper
91 100
120 20.6 11.9 35.5





#79
2-Chlorotoluene
Concen: 20.236 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

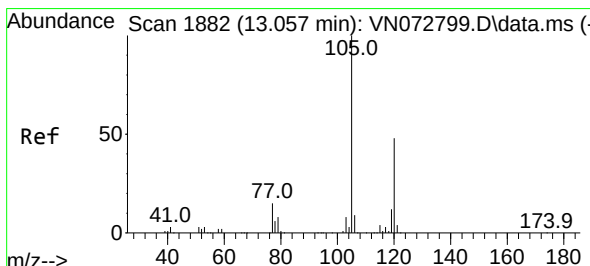
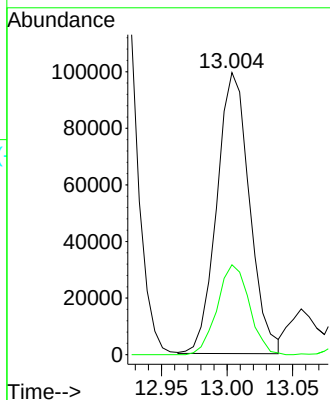
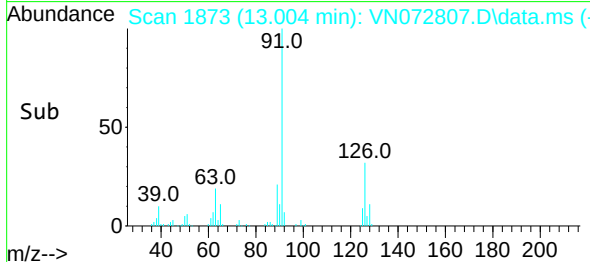
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01



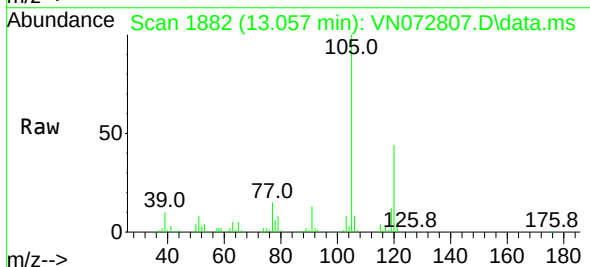
Tgt Ion: 91 Resp: 17260
Ion Ratio Lower Upper
91 100
126 31.2 17.3 51.9

Manual Integrations
APPROVED

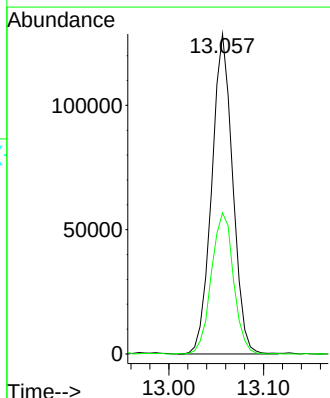
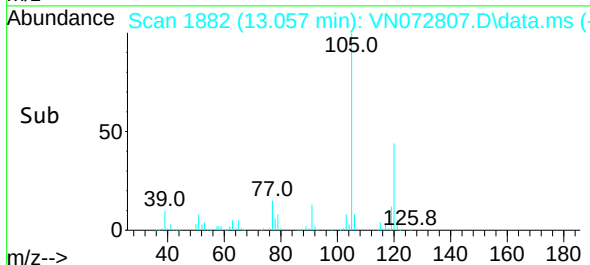
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

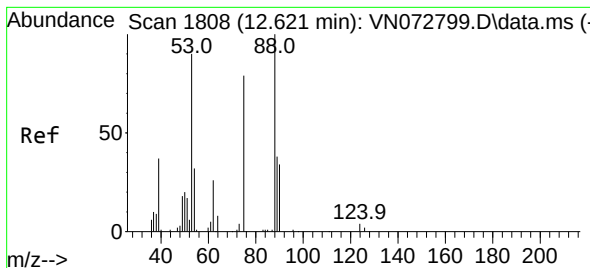


#80
1,3,5-Trimethylbenzene
Concen: 20.012 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31



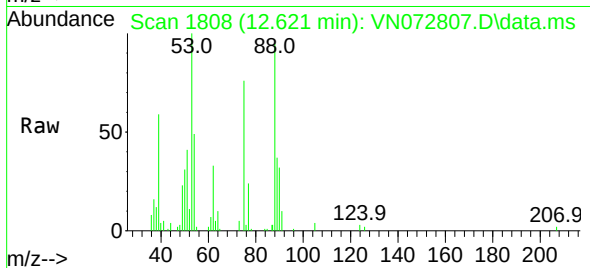
Tgt Ion:105 Resp: 197845
Ion Ratio Lower Upper
105 100
120 46.4 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 17.380 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

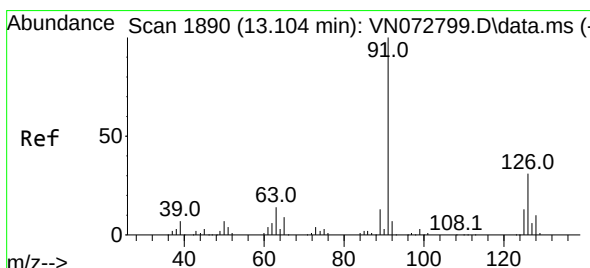
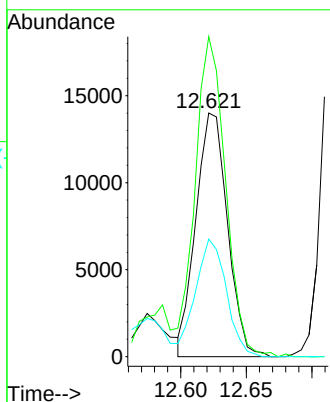
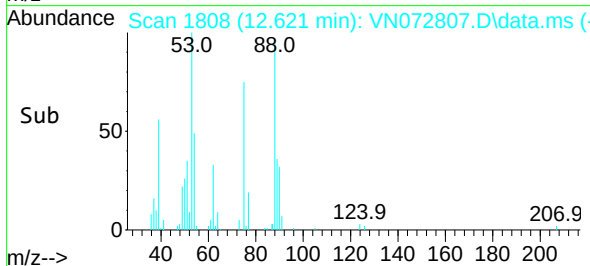
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01



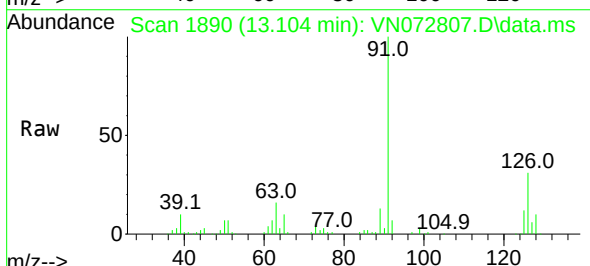
Tgt Ion: 75 Resp: 23480
Ion Ratio Lower Upper
75 100
53 127.8 78.0 117.0
89 47.0 37.2 55.8

Manual Integrations
APPROVED

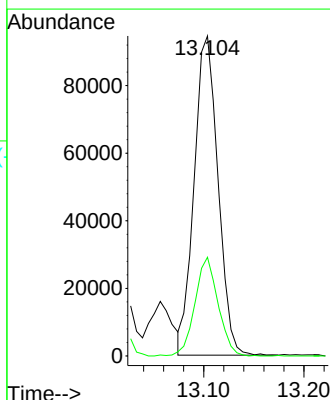
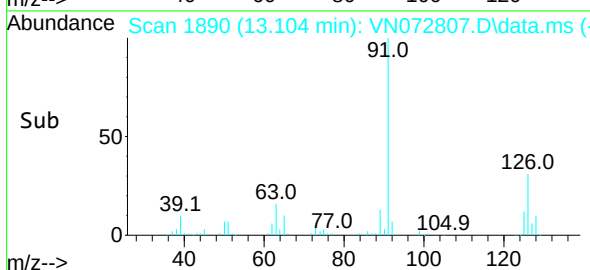
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

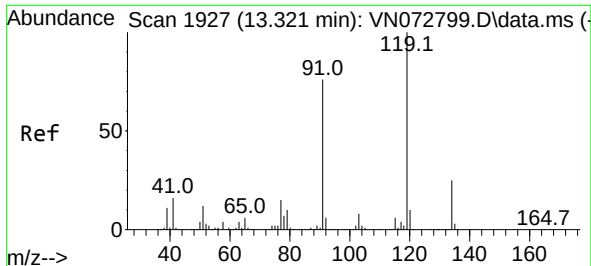


#82
4-Chlorotoluene
Concen: 19.626 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. -0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31



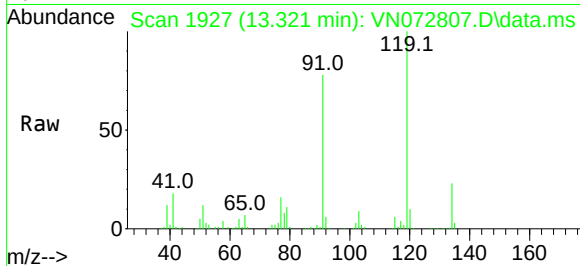
Tgt Ion: 91 Resp: 155970
Ion Ratio Lower Upper
91 100
126 30.1 17.2 51.6





#83
tert-Butylbenzene
Concen: 19.784 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

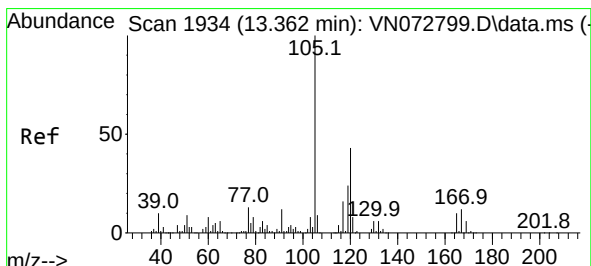
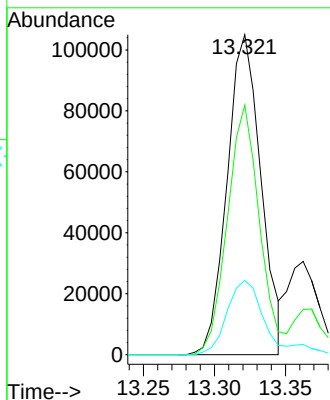
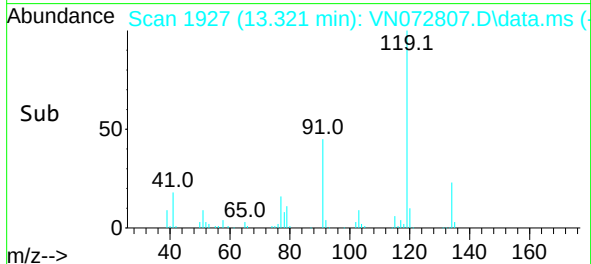
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01



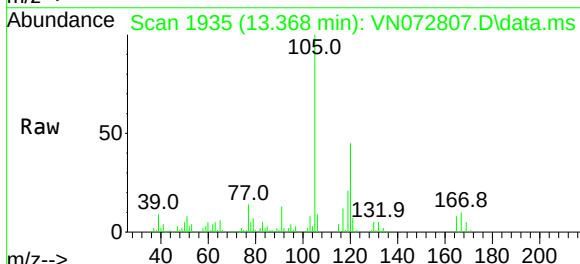
Tgt Ion:119 Resp: 174250
Ion Ratio Lower Upper
119 100
91 74.5 31.6 94.8
134 24.1 13.7 41.1

Manual Integrations
APPROVED

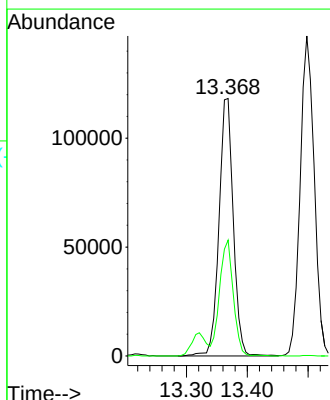
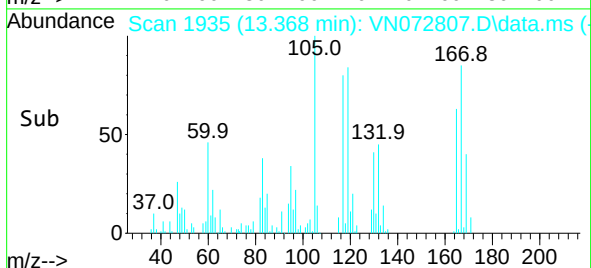
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

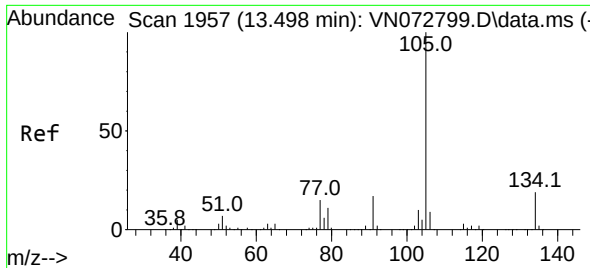


#84
1,2,4-Trimethylbenzene
Concen: 20.250 ug/l
RT: 13.368 min Scan# 1935
Delta R.T. 0.006 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31



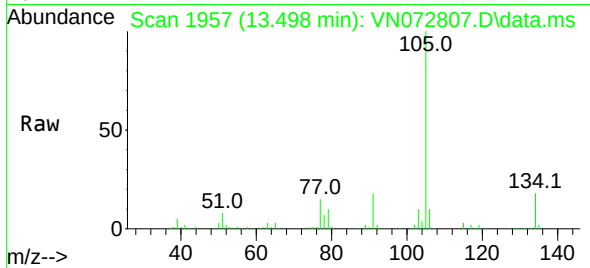
Tgt Ion:105 Resp: 192236
Ion Ratio Lower Upper
105 100
120 42.7 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 19.838 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072807.D
 Acq: 13 Jun 2022 20:31

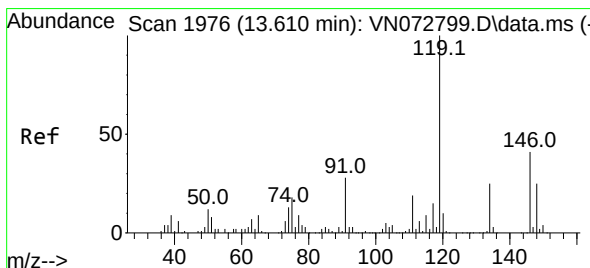
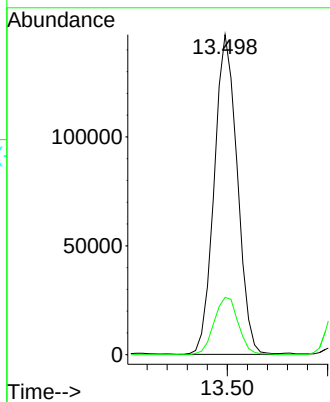
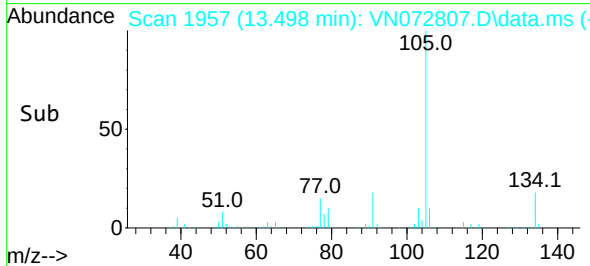
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0613WBS01



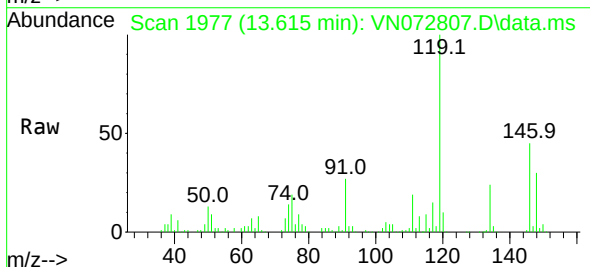
Tgt Ion:105 Resp: 233959
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.4 31.1

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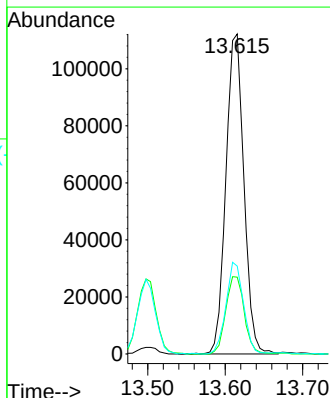
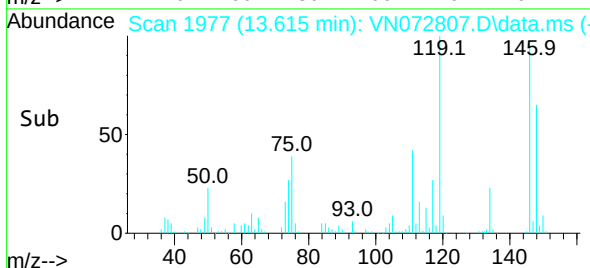
Reviewed By :John Carlone 06/14/2022
 Supervised By :Mahesh Dadoda 06/14/2022

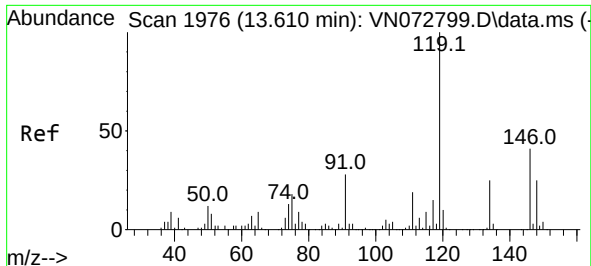


#86
 p-Isopropyltoluene
 Concen: 19.753 ug/l
 RT: 13.615 min Scan# 1977
 Delta R.T. 0.005 min
 Lab File: VN072807.D
 Acq: 13 Jun 2022 20:31



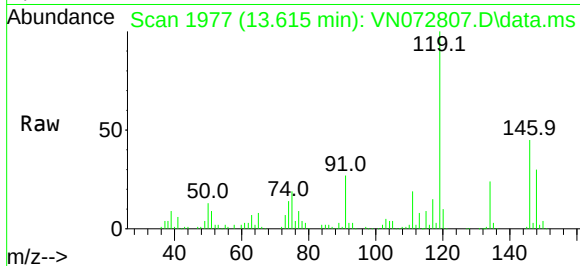
Tgt Ion:119 Resp: 181460
 Ion Ratio Lower Upper
 119 100
 134 24.7 13.3 39.8
 91 28.0 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 19.550 ug/l
RT: 13.615 min Scan# 1976
Delta R.T. 0.005 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

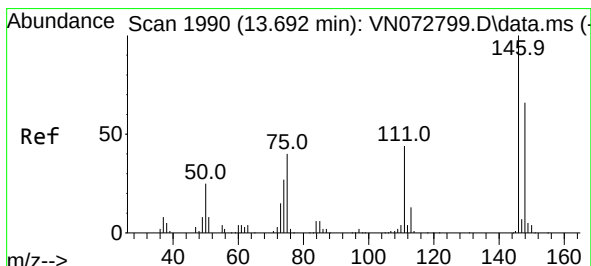
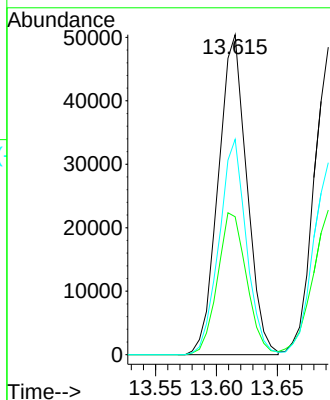
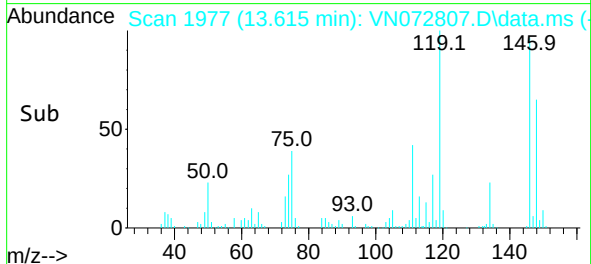
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01



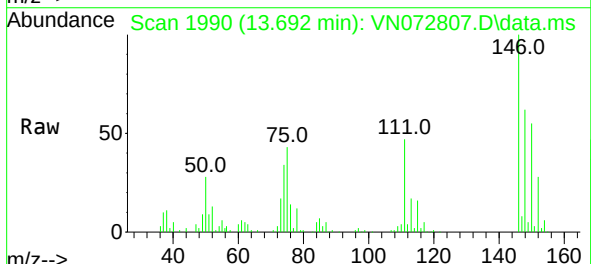
Tgt Ion:146 Resp: 8224
Ion Ratio Lower Upper
146 100
111 45.2 20.0 60.0
148 64.1 32.0 96.0

Manual Integrations
APPROVED

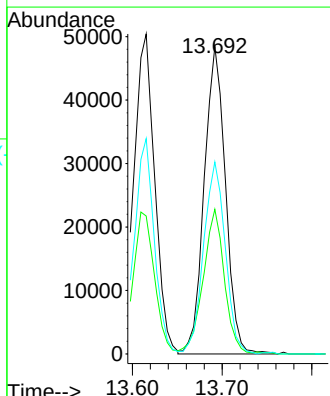
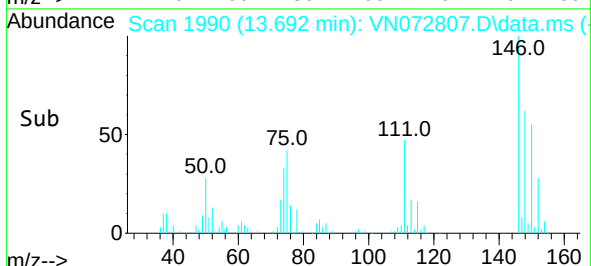
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

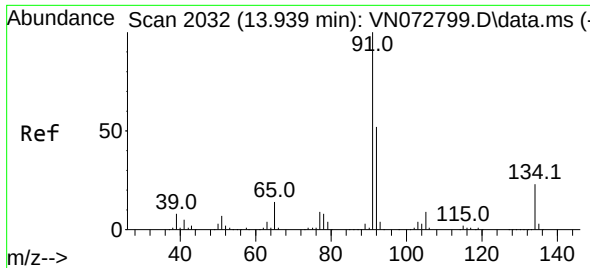


#88
1,4-Dichlorobenzene
Concen: 19.228 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. -0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31



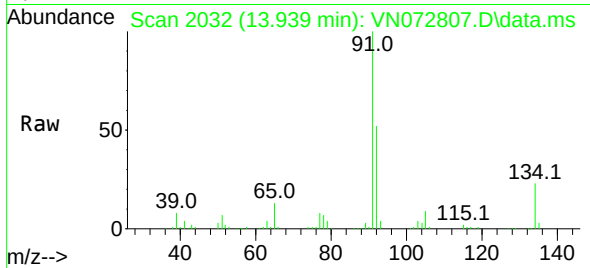
Tgt Ion:146 Resp: 79831
Ion Ratio Lower Upper
146 100
111 46.1 19.1 57.1
148 63.8 31.4 94.3





#89
n-Butylbenzene
Concen: 18.447 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

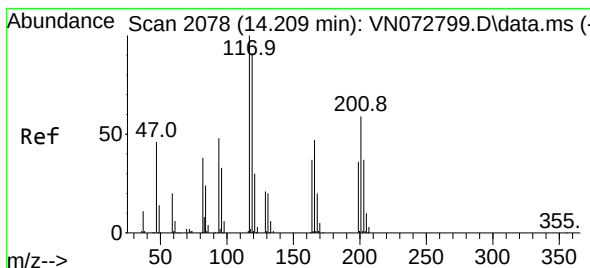
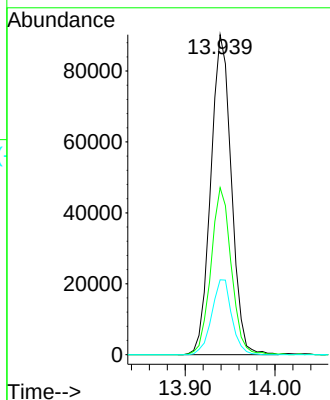
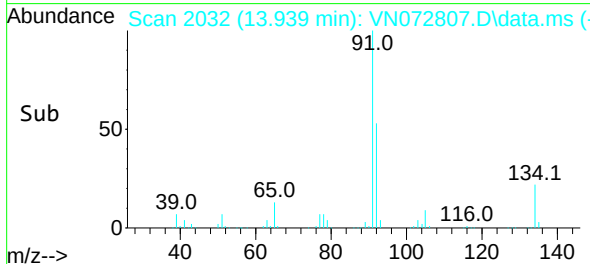
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01



Tgt Ion: 91 Resp: 143730
Ion Ratio Lower Upper
91 100
92 51.7 26.9 80.7
134 22.8 13.6 40.8

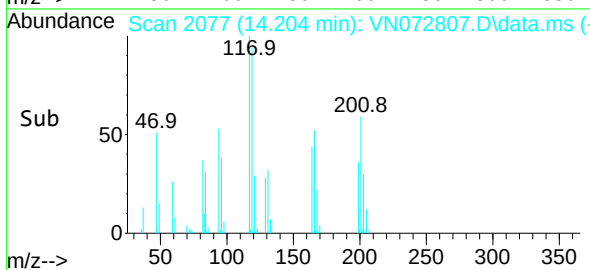
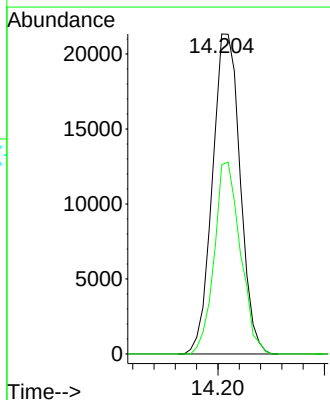
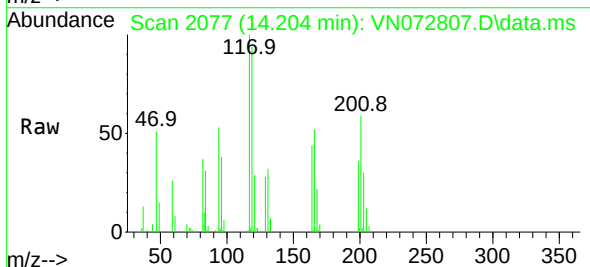
Manual Integrations
APPROVED

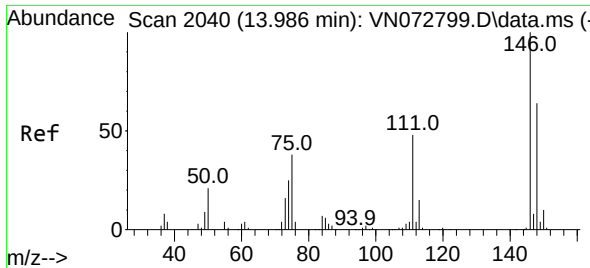
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022



#90
Hexachloroethane
Concen: 19.579 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.005 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

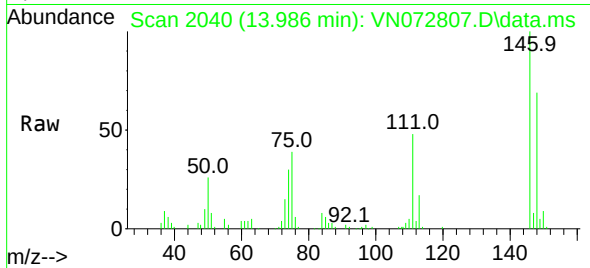
Tgt Ion:117 Resp: 38454
Ion Ratio Lower Upper
117 100
201 56.6 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 19.999 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. -0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

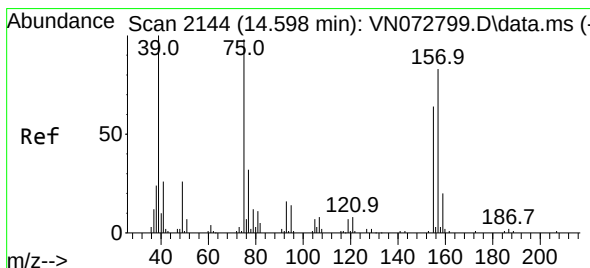
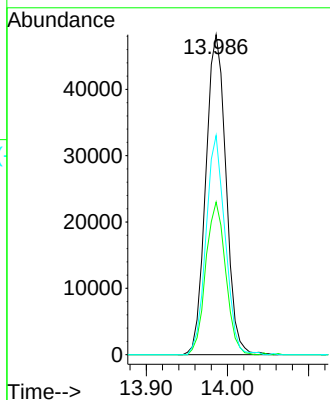
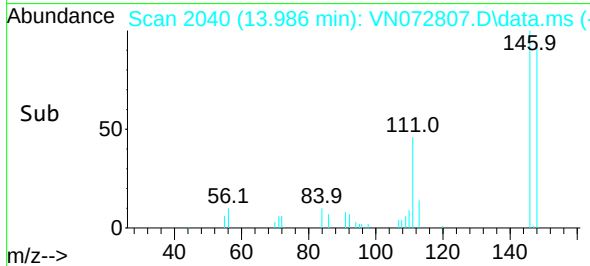
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01



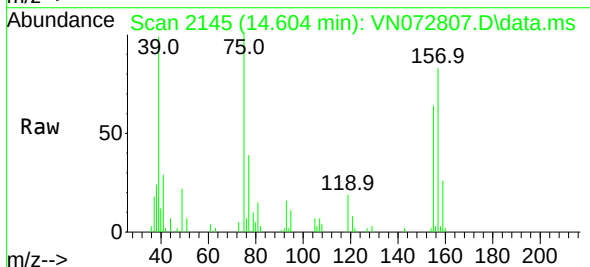
Tgt Ion:146 Resp: 83324
Ion Ratio Lower Upper
146 100
111 46.9 20.9 62.8
148 64.8 32.1 96.3

Manual Integrations
APPROVED

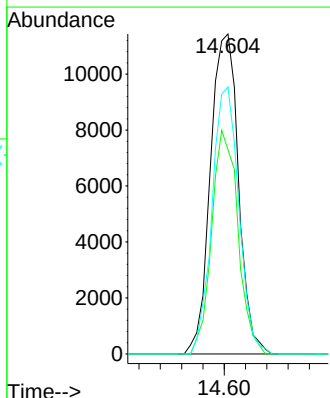
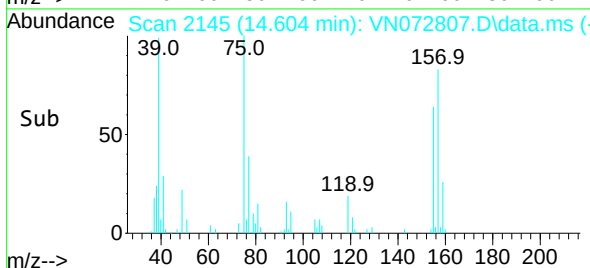
Reviewed By :John Carlone 06/14/2022
Supervised By :Mahesh Dadoda 06/14/2022

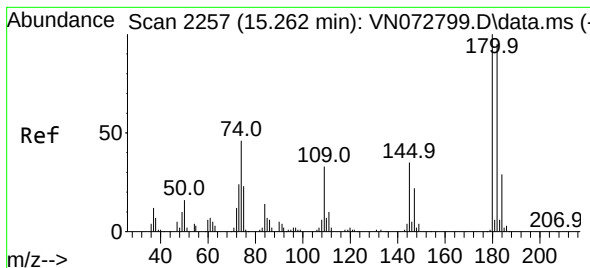


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.038 ug/l
RT: 14.604 min Scan# 2145
Delta R.T. 0.006 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31



Tgt Ion: 75 Resp: 20852
Ion Ratio Lower Upper
75 100
155 65.6 44.9 134.5
157 79.9 59.0 176.8





#93

1,2,4-Trichlorobenzene

Concen: 19.947 ug/l

RT: 15.262 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN072807.D

Acq: 13 Jun 2022 20:31

Instrument :

MSVOA_N

ClientSampleId :

VN0613WBS01

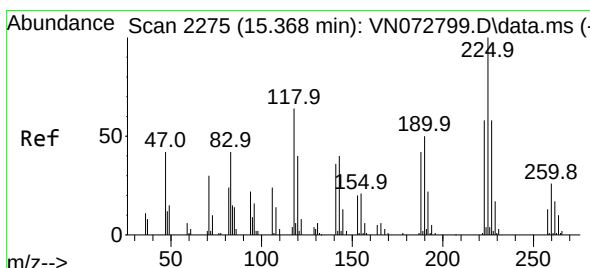
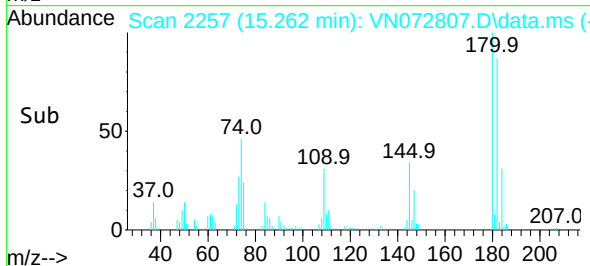
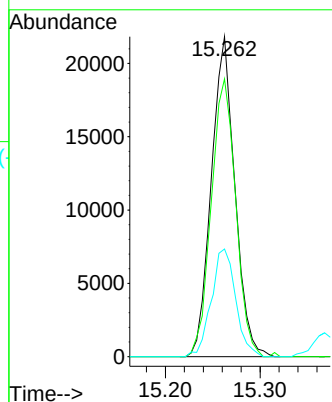
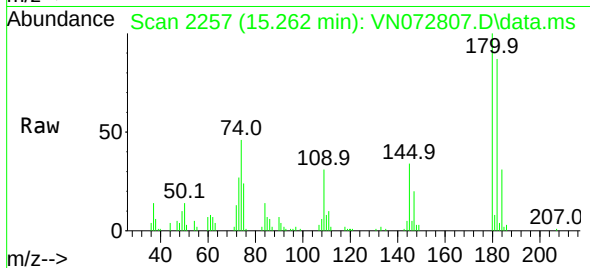
Tgt Ion:	180	Resp:	3770
Ion Ratio	Lower	Upper	
180	100		
182	90.1	47.5	142.5
145	34.8	14.5	43.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/14/2022

Supervised By :Mahesh Dadoda 06/14/2022



#94

Hexachlorobutadiene

Concen: 19.324 ug/l

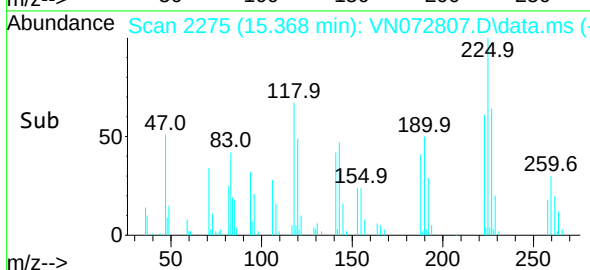
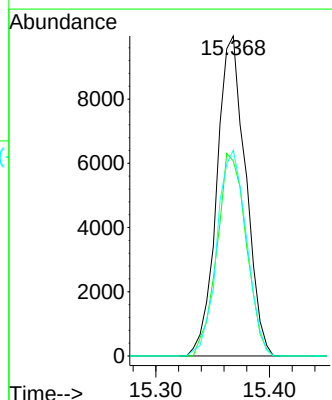
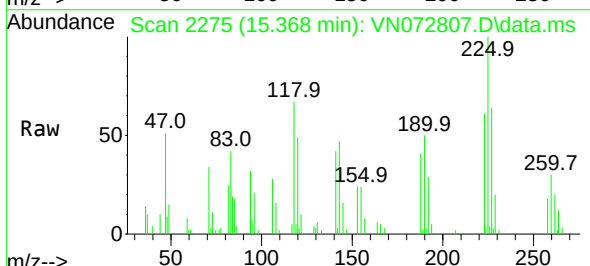
RT: 15.368 min Scan# 2275

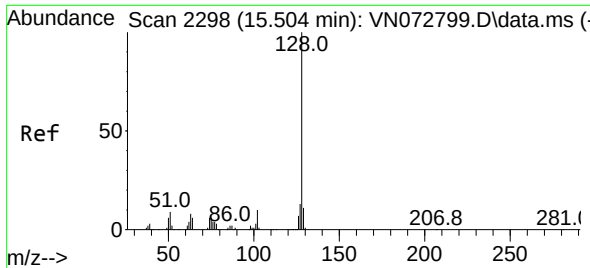
Delta R.T. 0.000 min

Lab File: VN072807.D

Acq: 13 Jun 2022 20:31

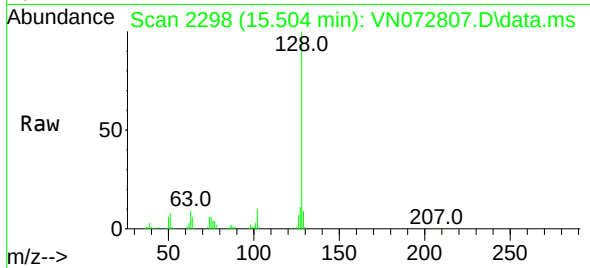
Tgt Ion:	225	Resp:	17565
Ion Ratio	Lower	Upper	
225	100		
223	64.4	32.4	97.2
227	65.8	31.8	95.4





#95
Naphthalene
Concen: 20.991 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

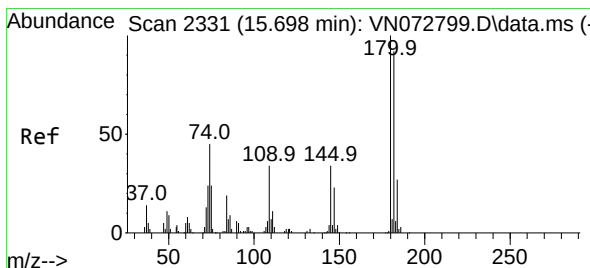
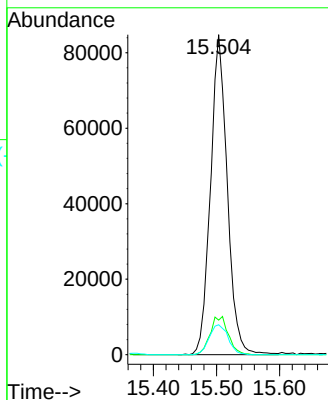
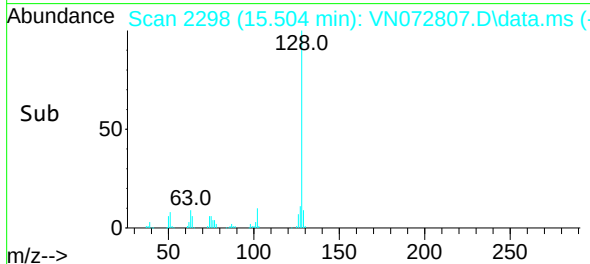
Instrument :
MSVOA_N
ClientSampleId :
VN0613WBS01



Tgt Ion:128 Resp: 15652
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.5 8.6 13.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 20.119 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN072807.D
Acq: 13 Jun 2022 20:31

Tgt Ion:180 Resp: 39581
Ion Ratio Lower Upper
180 100
182 97.8 47.8 143.3
145 38.8 15.5 46.5

