

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061122\
 Data File : VN072794.D
 Acq On : 11 Jun 2022 17:43
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/13/2022
 Supervised By : Mahesh Dadoda 06/13/2022

Quant Time: Jun 13 01:20:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 06 14:10:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.657	128	33805	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	200785	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.739	117	178408	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.433	65	123753	32.099	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 107.000%			
60) 4-Bromofluorobenzene	12.727	95	101259	27.595	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 92.000%			
63) Toluene-d8	10.439	98	317381	32.114	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 107.033%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.069	85	41419	16.356	ug/l	97
3) Chloromethane	2.293	50	42877	15.570	ug/l	94
4) Vinyl Chloride	2.434	62	48910	19.698	ug/l	98
5) Bromomethane	2.846	94	18221	14.190	ug/l	91
6) Chloroethane	3.010	64	33051	19.963	ug/l	99
7) Trichlorofluoromethane	3.369	101	77551	17.276	ug/l	91
8) Diethyl Ether	3.822	74	31684	18.205	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.210	101	40950	17.317	ug/l	77
10) 1,1-Dichloroethene	4.181	96	38438	17.210	ug/l	91
11) Methyl Iodide	4.422	142	22752	10.174	ug/l	98
12) Methyl Acetate	4.851	43	93254	20.237	ug/l	92
13) Acrolein	4.040	56	33596	83.287	ug/l	100
14) Acrylonitrile	5.551	53	184730	98.346	ug/l	99
15) Acetone	4.287	58	48161	94.697	ug/l	100
16) Carbon Disulfide	4.528	76	77360	13.740	ug/l	99
17) Allyl chloride	4.840	41	84444	17.501	ug/l	95
18) Methylene Chloride	5.087	84	50823	18.122	ug/l	90
19) trans-1,2-Dichloroethene	5.598	96	40840	16.897	ug/l	91
20) Diisopropyl ether	6.492	45	194794	20.386	ug/l	# 94
21) 1,1-Dichloroethane	6.381	63	95658	18.018	ug/l	99
22) cis-1,2-Dichloroethene	7.322	96	55749	18.414	ug/l	93
23) tert-Butyl Alcohol	5.363	59	75793	86.708	ug/l	# 100
24) Methyl tert-Butyl Ether	5.616	73	182311	18.354	ug/l	95
25) Chloroform	7.810	83	102913	18.871	ug/l	99
26) Cyclohexane	8.098	56	77069	17.411	ug/l	# 89
29) 1,1-Dichloropropene	8.216	75	67628	17.669	ug/l	93
30) 2-Butanone	7.328	43	279846	101.030	ug/l	93
31) 2,2-Dichloropropane	7.322	77	71305	13.763	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	86093	17.191	ug/l	93
33) Carbon Tetrachloride	8.198	117	70866	16.409	ug/l	99
34) Benzene	8.457	78	209134	18.469	ug/l	# 94
35) Methacrylonitrile	7.634	41	49736	18.312	ug/l	88
36) 1,2-Dichloroethane	8.528	62	89157	18.637	ug/l	97
37) Trichloroethene	9.210	130	46901	17.181	ug/l	87
38) Methylcyclohexane	9.457	83	76468	16.736	ug/l	91
39) 1,2-Dichloropropane	9.486	63	60041	19.301	ug/l	98
40) Dibromomethane	9.575	93	40283	18.864	ug/l	91
41) Bromodichloromethane	9.757	83	81577	17.858	ug/l	95
42) Vinyl Acetate	6.428	43	865990	96.033	ug/l	97

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 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Quant Time: Jun 13 01:20:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N060622W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Manual Integrations
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Reviewed By : John Carlone 06/13/2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.410	43	108728	20.487	ug/l	96
44) Isopropyl Acetate	8.557	43	168861	19.182	ug/l	95
45) 1,4-Dioxane	9.563	88	28709	396.848	ug/l #	84
46) Methyl methacrylate	9.557	41	73775	18.742	ug/l	84
47) n-amyl Acetate	12.386	43	115836	17.187	ug/l	98
48) t-1,3-Dichloropropene	10.716	75	83155	15.948	ug/l	99
49) cis-1,3-Dichloropropene	10.186	75	88314	16.680	ug/l	96
50) 1,1,2-Trichloroethane	10.898	97	56498	18.713	ug/l	96
51) Ethyl methacrylate	10.757	69	99624	18.217	ug/l	96
52) 1,3-Dichloropropane	11.045	76	104246	19.402	ug/l	99
53) Dibromochloromethane	11.233	129	57254	17.188	ug/l	99
54) 1,2-Dibromoethane	11.345	107	58429	18.405	ug/l	100
55) 2-Chloroethyl vinyl ether	10.039	63	242099	113.030	ug/l	97
56) Bromoform	12.457	173	36409	15.687	ug/l #	96
58) 4-Methyl-2-Pentanone	10.327	43	576995	107.828	ug/l	96
59) 2-Hexanone	11.080	43	419346	103.366	ug/l	97
61) Tetrachloroethene	10.974	164	41699	18.887	ug/l	97
62) Toluene	10.504	91	230283	19.036	ug/l	96
64) Chlorobenzene	11.769	112	135029	18.334	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.833	131	53894	18.560	ug/l	100
66) Ethyl Benzene	11.845	91	258435	18.608	ug/l	99
67) m/p-Xylenes	11.951	106	179984	35.530	ug/l	91
68) o-Xylene	12.280	106	92962	17.989	ug/l	89
69) Styrene	12.292	104	146641	17.875	ug/l	94
70) Isopropylbenzene	12.574	105	245940	18.213	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.821	83	90645	19.830	ug/l	98
72) 1,2,3-Trichloropropane	12.880	75	87074m	21.827	ug/l	
73) Bromobenzene	12.857	156	47183	17.188	ug/l	69
74) n-propylbenzene	12.916	91	269461	17.438	ug/l	98
75) 2-Chlorotoluene	13.004	91	173435	18.107	ug/l	92
76) 1,3,5-Trimethylbenzene	13.057	105	200800	18.117	ug/l	99
77) t-1,4-Dichloro-2-butene	12.621	75	22777	13.547	ug/l	85
78) 4-Chlorotoluene	13.104	91	153268	16.938	ug/l	93
79) tert-butylbenzene	13.321	119	176067	17.793	ug/l	96
80) 1,2,4-Trimethylbenzene	13.498	105	240452	17.992	ug/l	100
81) sec-Butylbenzene	13.498	105	240452	17.992	ug/l	98
82) p-Isopropyltoluene	13.610	119	183470	17.197	ug/l	96
83) 1,3-Dichlorobenzene	13.610	146	82356	17.137	ug/l	98
84) 1,4-Dichlorobenzene	13.692	146	79874	17.118	ug/l	97
85) n-Butylbenzene	13.939	91	145864	16.125	ug/l	97
86) Hexachloroethane	14.204	117	37053	15.695	ug/l	87
87) 1,2-Dichlorobenzene	13.986	146	83768	17.613	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.598	75	19344	16.878	ug/l	84
89) 1,2,4-Trichlorobenzene	15.262	180	36930	15.409	ug/l	99
90) Hexachlorobutadiene	15.362	225	17704	16.465	ug/l	99
91) Naphthalene	15.504	128	158405	16.564	ug/l	99
92) 1,2,3-Trichlorobenzene	15.698	180	39610	16.245	ug/l	97

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

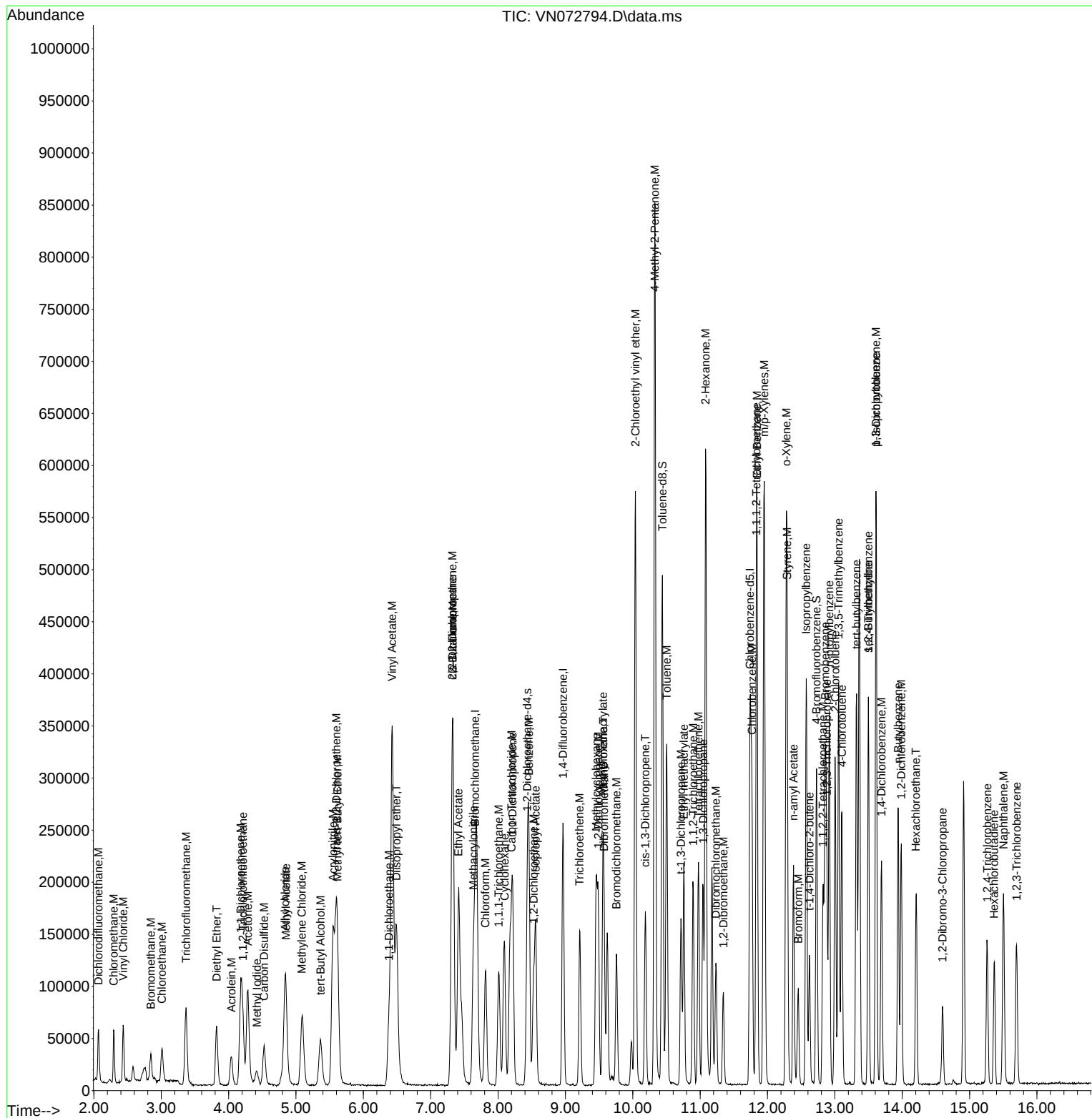
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061122\
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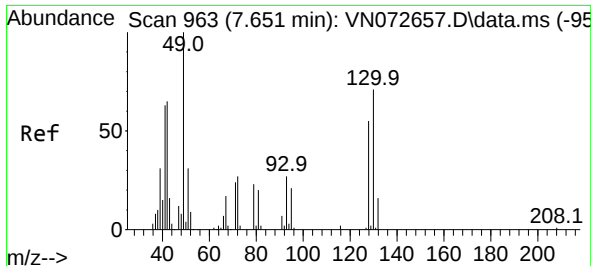
Instrument :
 MSVOA_N
 ClientSampleId :
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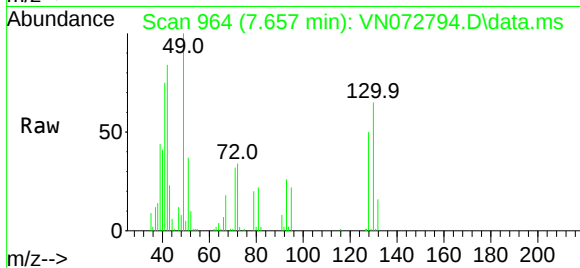
Reviewed By : John Carlone 06/13/2022
 Supervised By : Mahesh Dadoda 06/13/2022





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 964
Delta R.T. 0.006 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

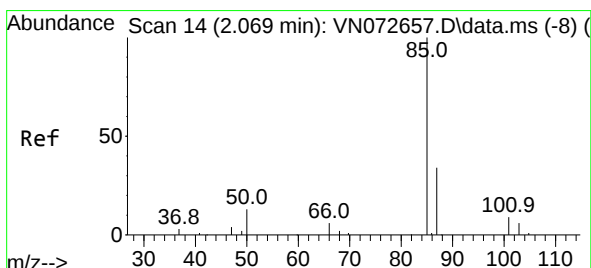
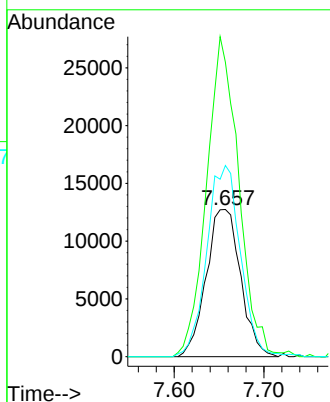
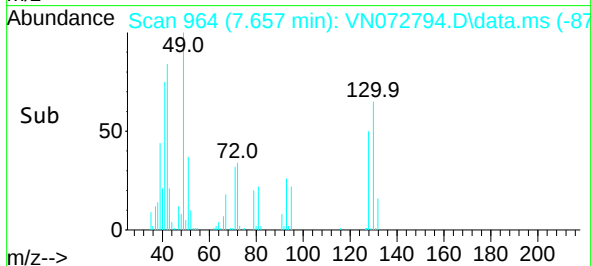
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 128 Resp: 3380
Ion Ratio Lower Upper
128 100
49 202.8 0.0 392.3
130 127.5 0.0 320.2

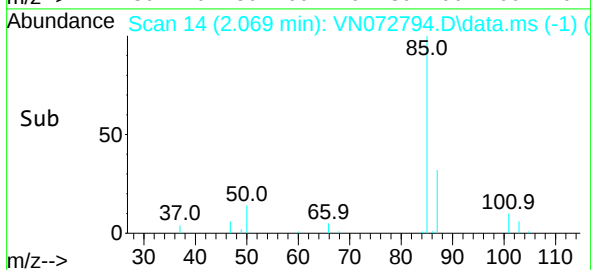
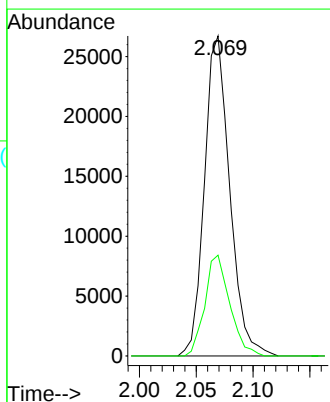
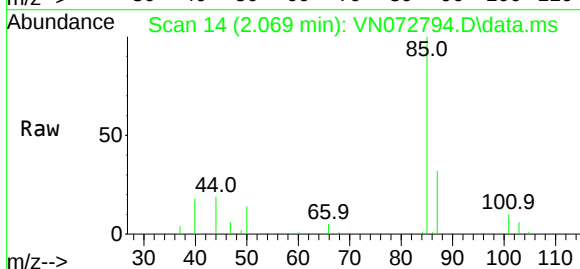
Manual Integrations
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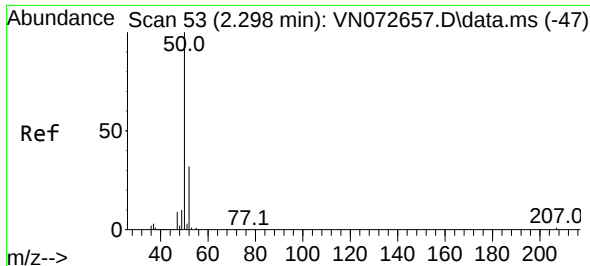
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#2
Dichlorodifluoromethane
Concen: 16.356 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

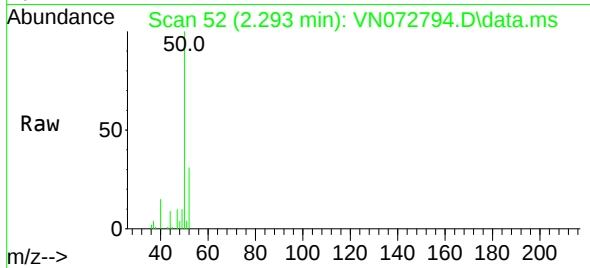
Tgt Ion: 85 Resp: 41419
Ion Ratio Lower Upper
85 100
87 31.5 16.6 49.7





#3
Chloromethane
Concen: 15.570 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

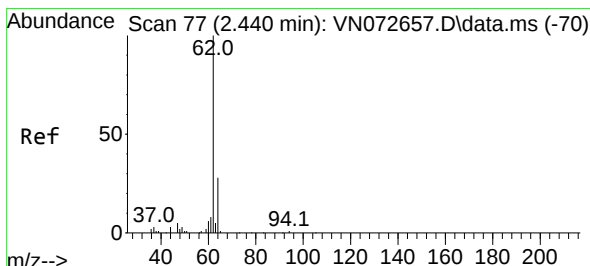
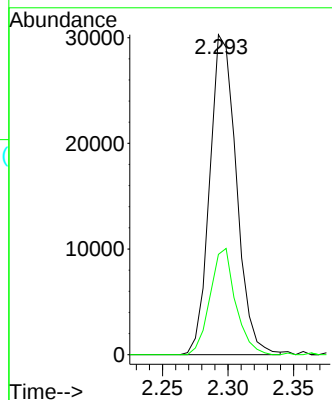
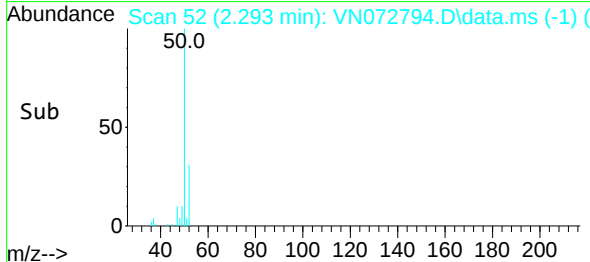
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 50 Resp: 4287
Ion Ratio Lower Upper
50 100
52 31.4 27.8 41.6

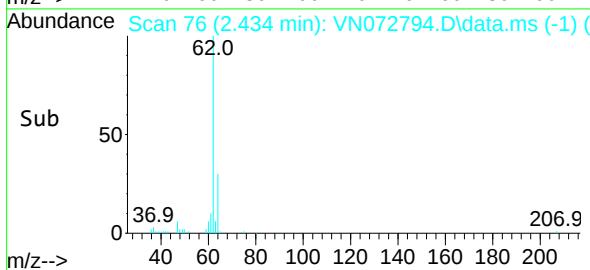
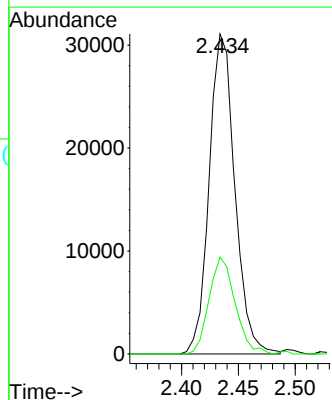
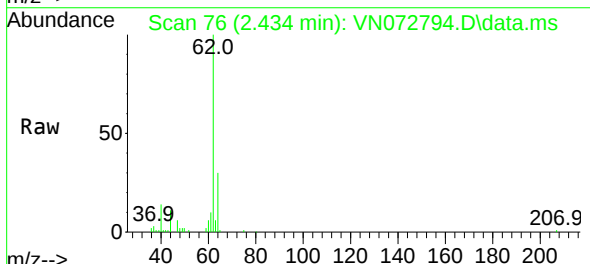
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#4
Vinyl Chloride
Concen: 19.698 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.006 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

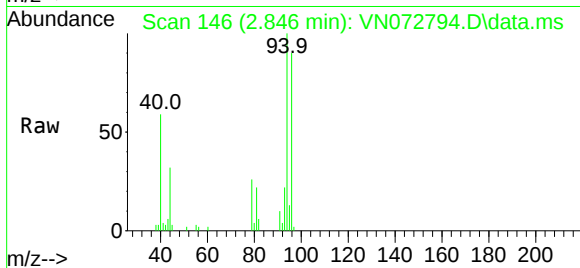
Tgt Ion: 62 Resp: 48910
Ion Ratio Lower Upper
62 100
64 30.3 25.1 37.7





#5
Bromomethane
Concen: 14.190 ug/l
RT: 2.846 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

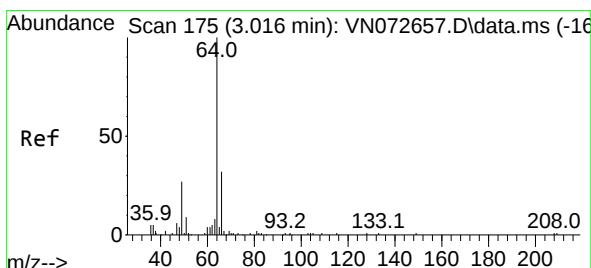
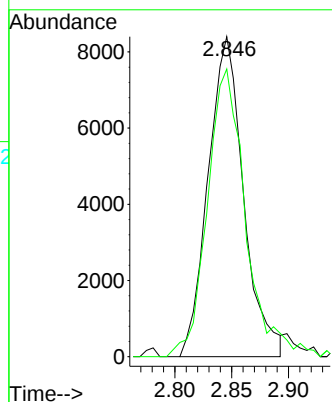
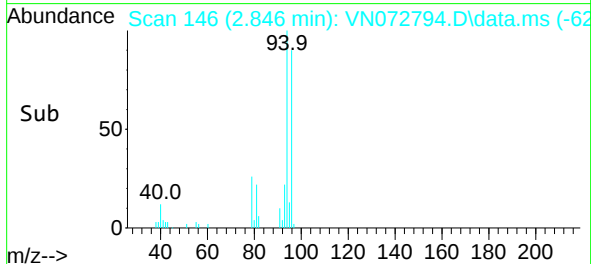
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 1822
Ion Ratio Lower Upper
94 100
96 85.4 75.2 112.8

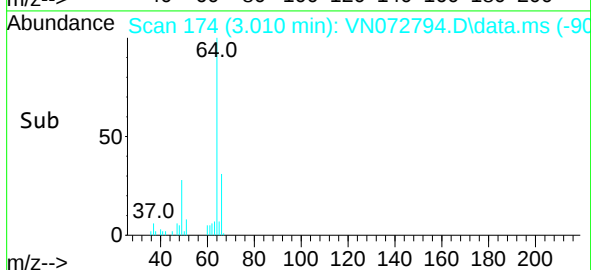
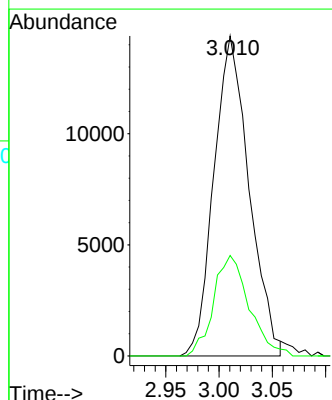
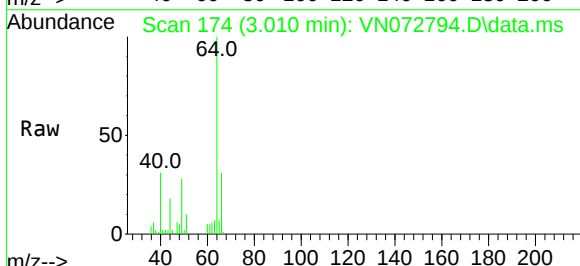
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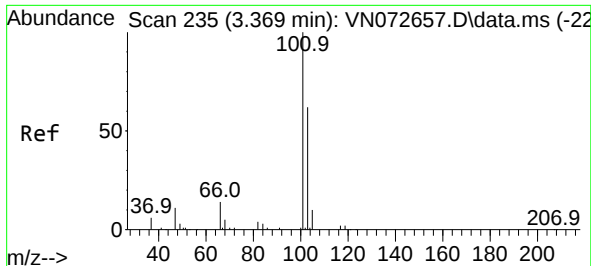
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#6
Chloroethane
Concen: 19.963 ug/l
RT: 3.010 min Scan# 174
Delta R.T. -0.006 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

Tgt Ion: 64 Resp: 33051
Ion Ratio Lower Upper
64 100
66 31.4 24.6 36.8





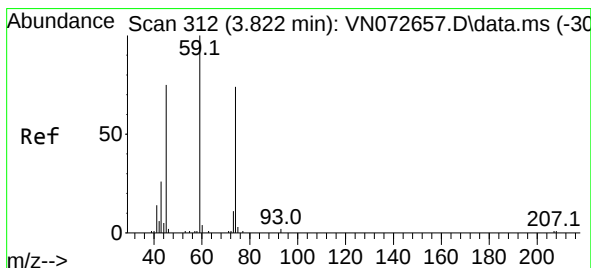
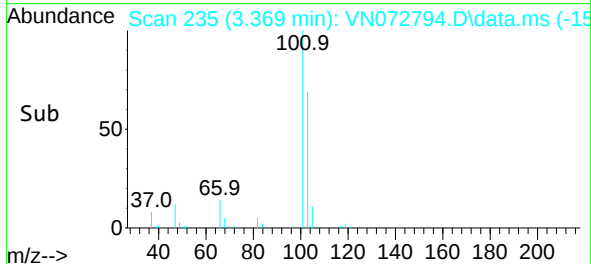
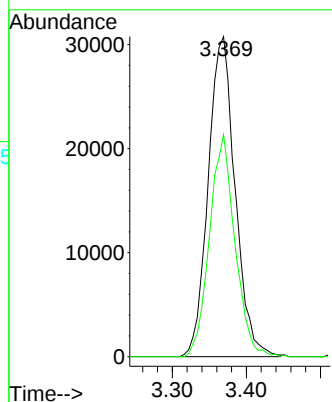
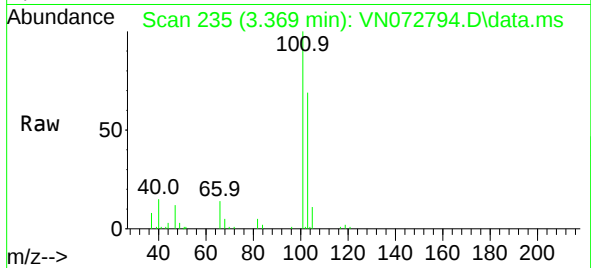
#7
 Trichlorofluoromethane
 Concen: 17.276 ug/l
 RT: 3.369 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN072794.D
 Acq: 11 Jun 2022 17:43

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Tgt Ion:101 Resp: 7755
 Ion Ratio Lower Upper
 101 100
 103 69.4 50.1 75.1

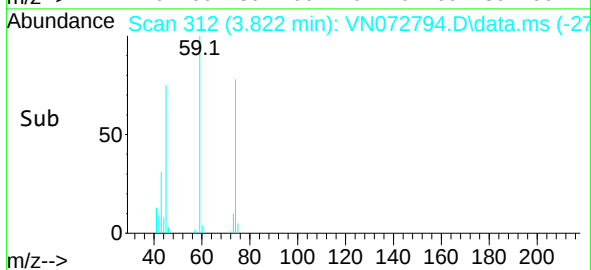
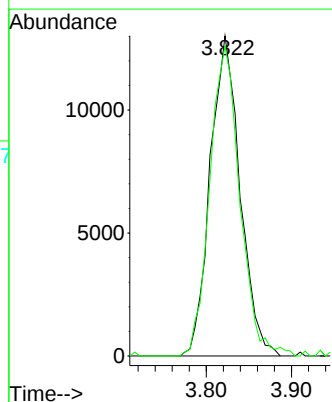
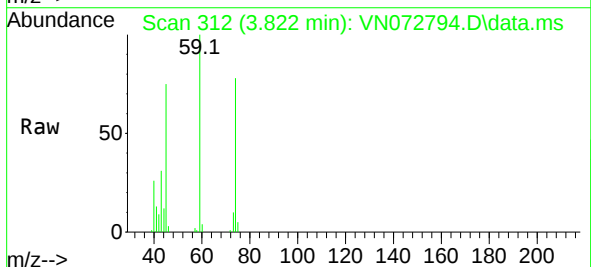
Manual Integrations
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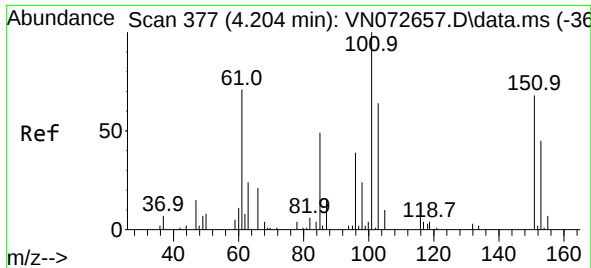
Reviewed By :John Carlone 06/13/2022
 Supervised By :Mahesh Dadoda 06/13/2022



#8
 Diethyl Ether
 Concen: 18.205 ug/l
 RT: 3.822 min Scan# 312
 Delta R.T. 0.000 min
 Lab File: VN072794.D
 Acq: 11 Jun 2022 17:43

Tgt Ion: 74 Resp: 31684
 Ion Ratio Lower Upper
 74 100
 45 96.9 17.6 158.8





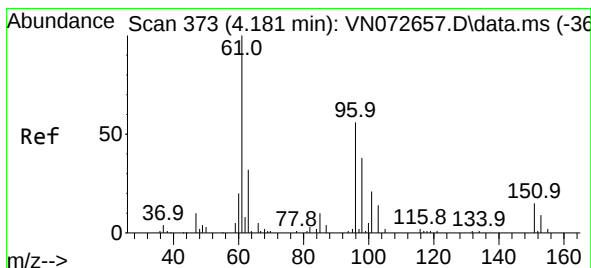
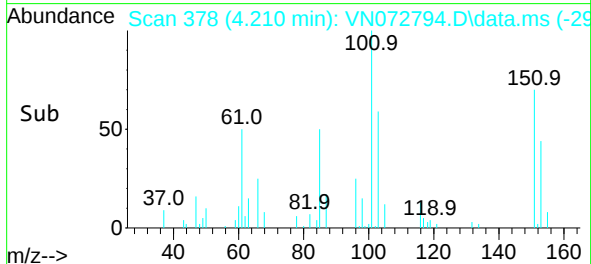
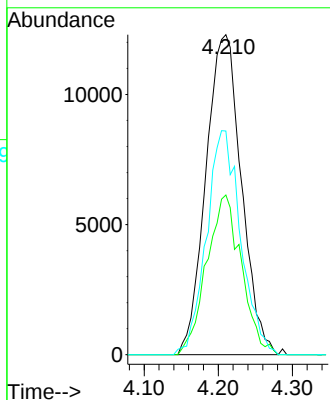
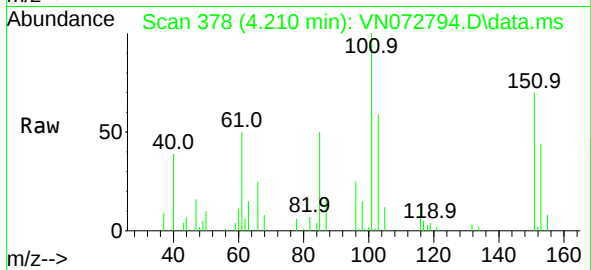
#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.317 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 40950
Ion Ratio Lower Upper
101 100
85 48.4 0.0 94.0
151 67.0 0.0 74.6

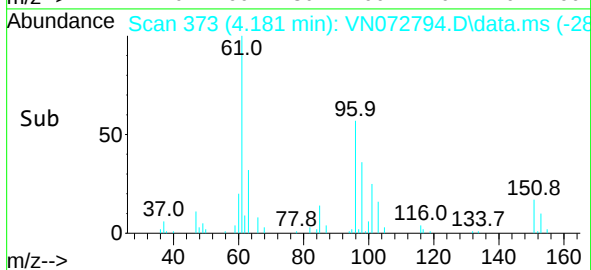
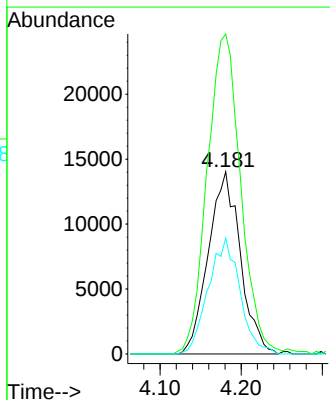
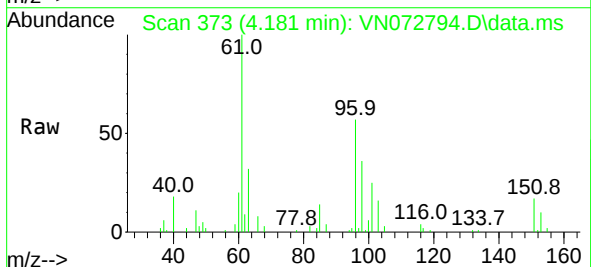
Manual Integrations
APPROVED

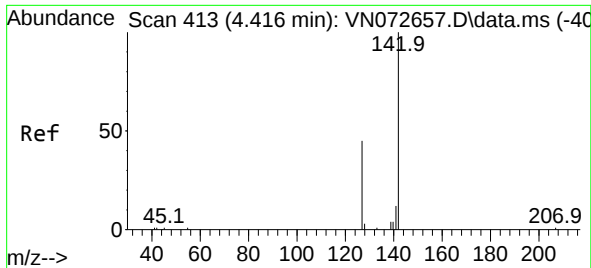
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#10
1,1-Dichloroethene
Concen: 17.210 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

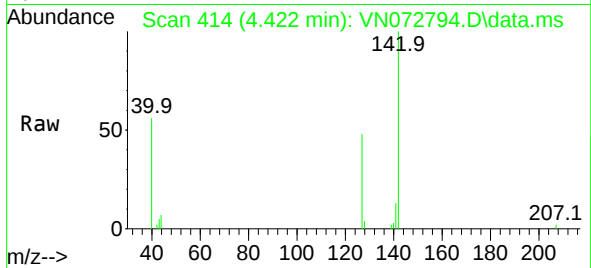
Tgt Ion: 96 Resp: 38438
Ion Ratio Lower Upper
96 100
61 174.0 126.2 189.4
98 63.7 50.9 76.3





#11
Methyl Iodide
Concen: 10.174 ug/l
RT: 4.422 min Scan# 413
Delta R.T. 0.006 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

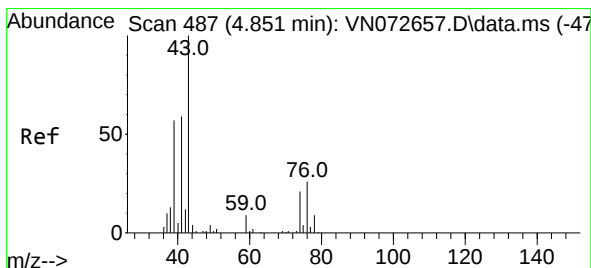
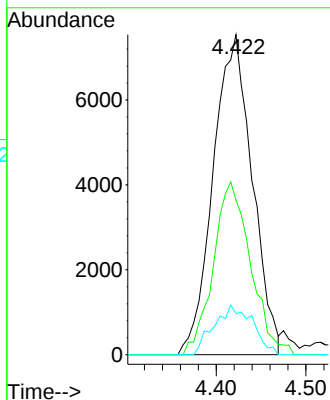
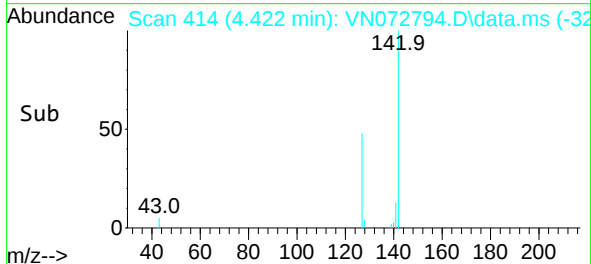
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 22752
Ion Ratio Lower Upper
142 100
127 48.1 24.0 72.0
141 13.3 8.4 25.2

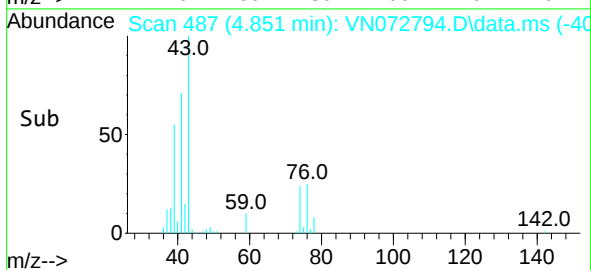
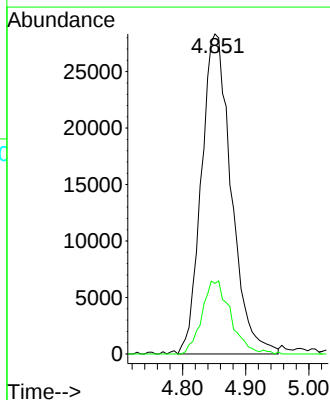
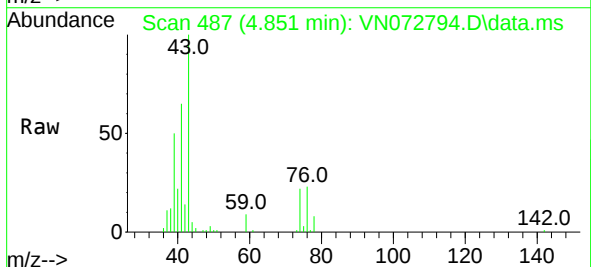
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#12
Methyl Acetate
Concen: 20.237 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

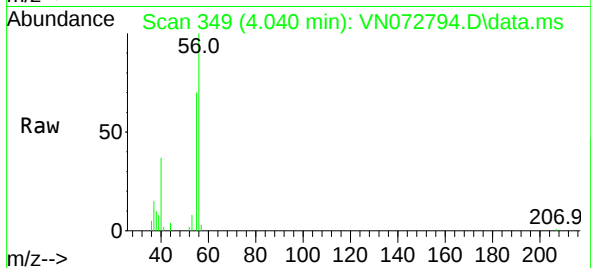
Tgt Ion: 43 Resp: 93254
Ion Ratio Lower Upper
43 100
74 21.9 20.8 31.2





#13
Acrolein
Concen: 83.287 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

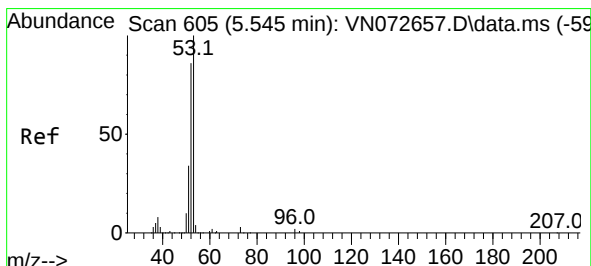
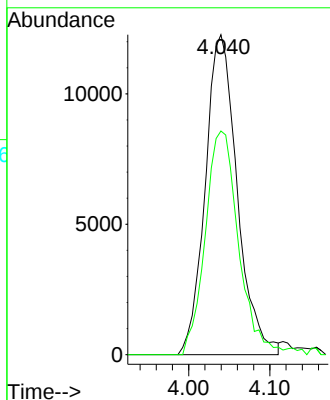
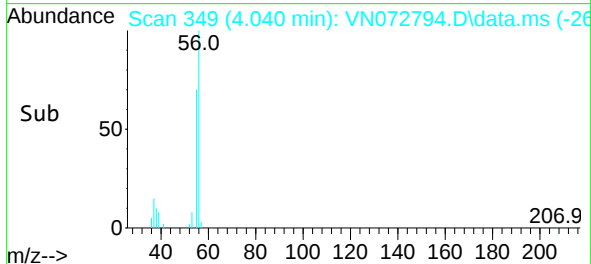
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



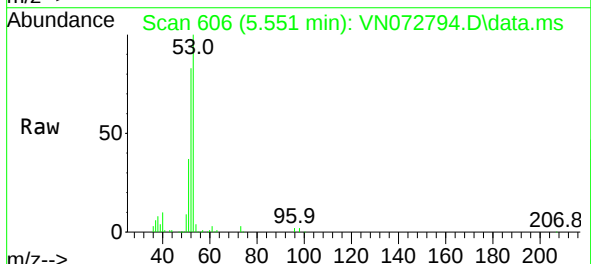
Tgt Ion: 56 Resp: 33590
Ion Ratio Lower Upper
56 100
55 72.4 57.6 86.4

Manual Integrations
APPROVED

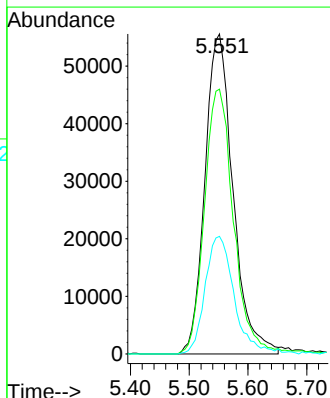
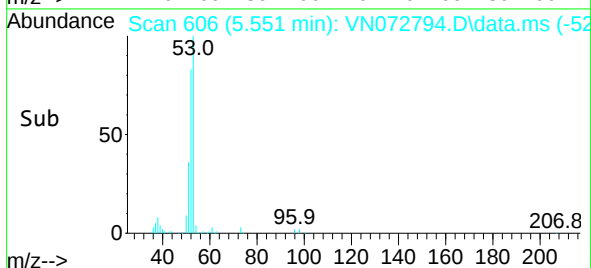
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

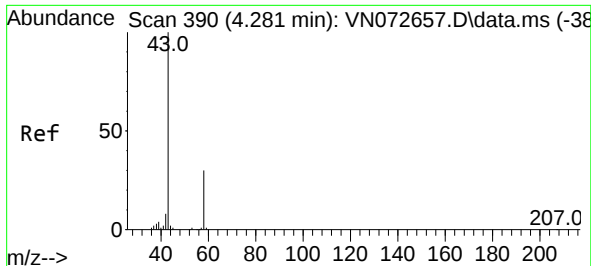


#14
Acrylonitrile
Concen: 98.346 ug/l
RT: 5.551 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43



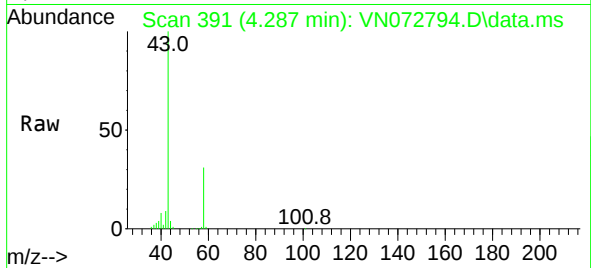
Tgt Ion: 53 Resp: 184730
Ion Ratio Lower Upper
53 100
52 85.1 41.8 125.4
51 37.6 19.0 57.0





#15
Acetone
Concen: 94.697 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

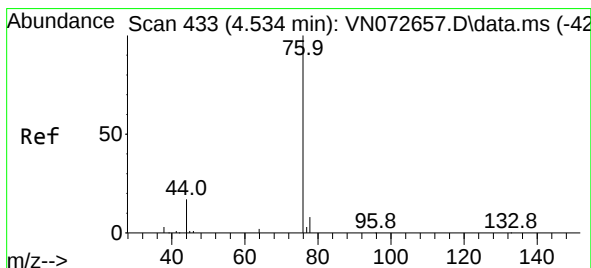
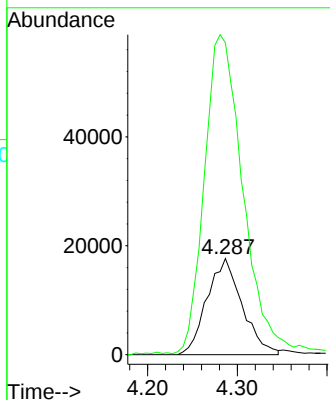
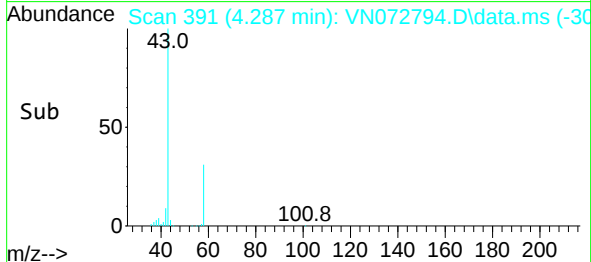
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 4816
Ion Ratio Lower Upper
58 100
43 320.9 256.6 384.8

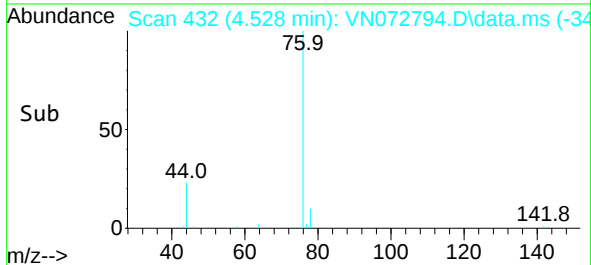
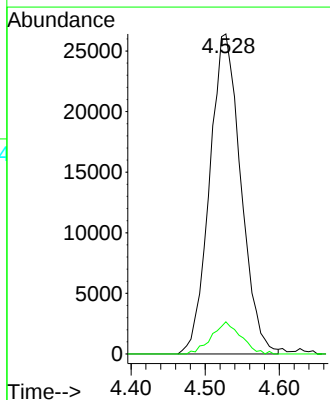
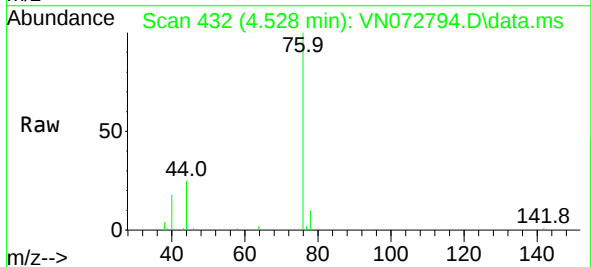
Manual Integrations
APPROVED

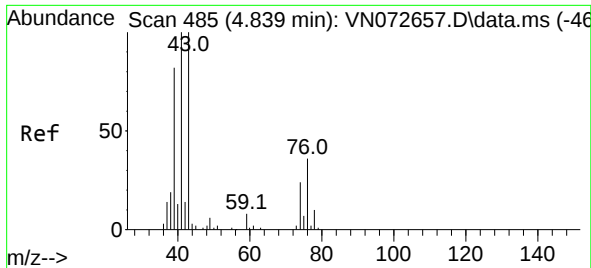
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#16
Carbon Disulfide
Concen: 13.740 ug/l
RT: 4.528 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

Tgt Ion: 76 Resp: 77360
Ion Ratio Lower Upper
76 100
78 10.0 7.8 11.8





#17

Allyl chloride

Concen: 17.501 ug/l

RT: 4.840 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN072794.D

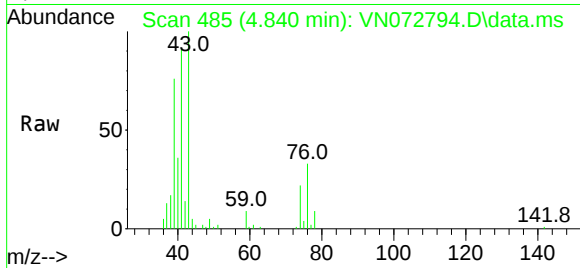
Acq: 11 Jun 2022 17:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



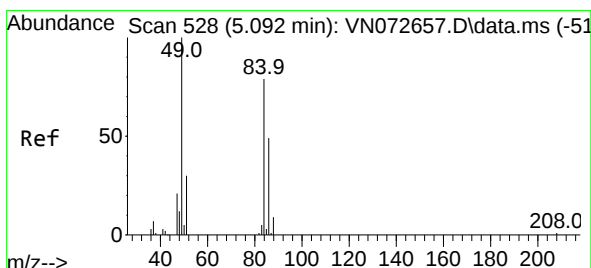
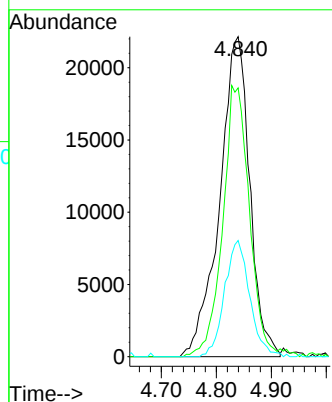
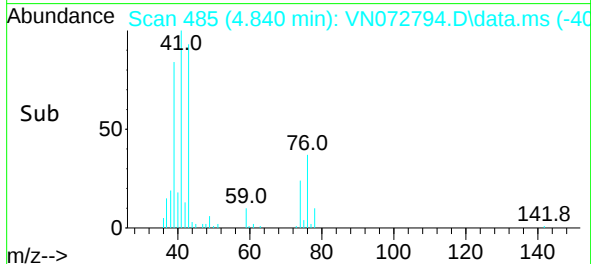
Tgt Ion:	41	Resp:	8444
Ion	Ratio	Lower	Upper
41	100		
39	84.0	44.6	134.0
76	36.3	19.6	58.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2022

Supervised By :Mahesh Dadoda 06/13/2022



#18

Methylene Chloride

Concen: 18.122 ug/l

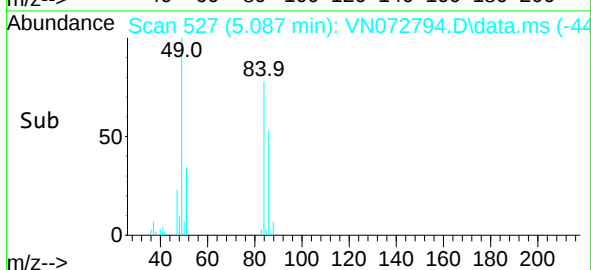
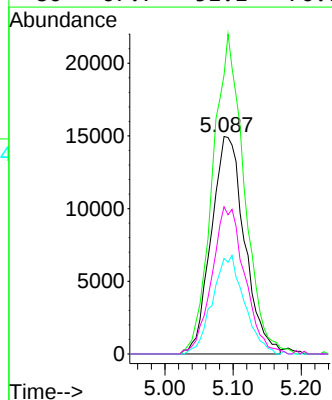
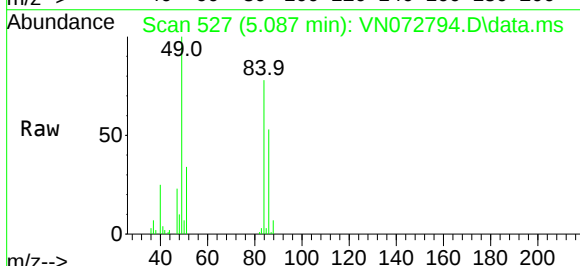
RT: 5.087 min Scan# 527

Delta R.T. -0.006 min

Lab File: VN072794.D

Acq: 11 Jun 2022 17:43

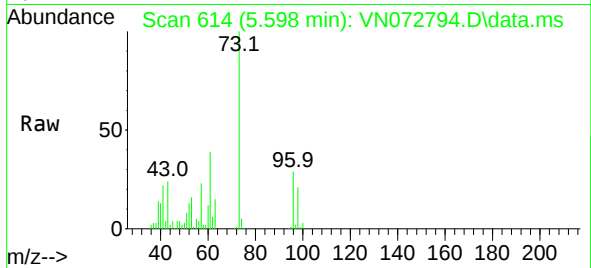
Tgt Ion:	84	Resp:	50823
Ion	Ratio	Lower	Upper
84	100		
49	128.3	91.4	137.0
51	43.9	29.4	44.0
86	67.7	51.1	76.7





#19
trans-1,2-Dichloroethene
Concen: 16.897 ug/l
RT: 5.598 min Scan# 613
Delta R.T. 0.006 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

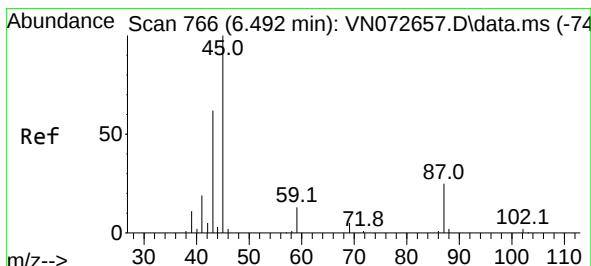
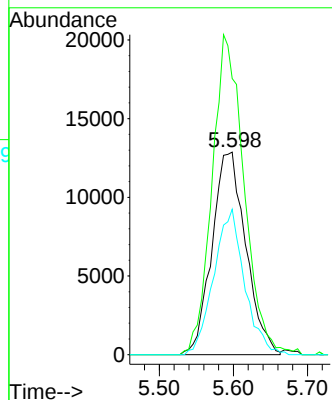
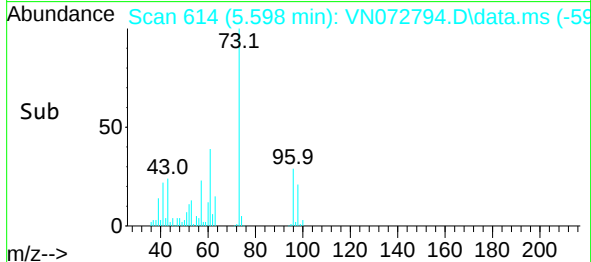
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 40840
Ion Ratio Lower Upper
96 100
61 136.4 102.8 154.2
98 71.8 49.3 73.9

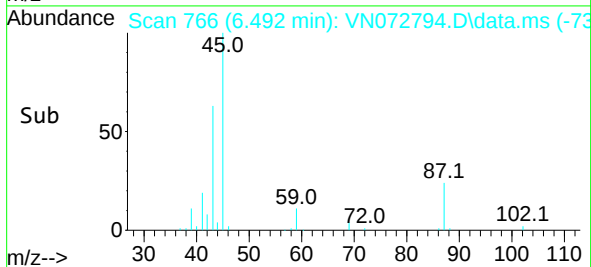
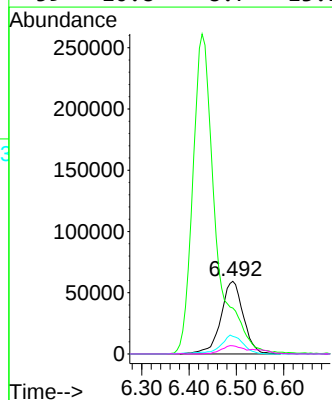
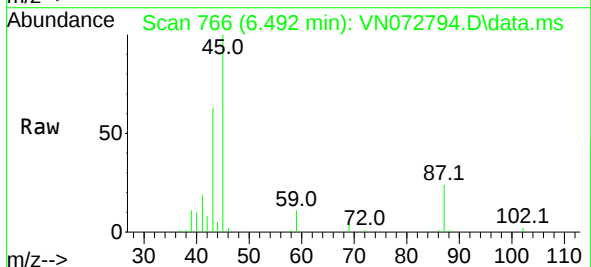
Manual Integrations
APPROVED

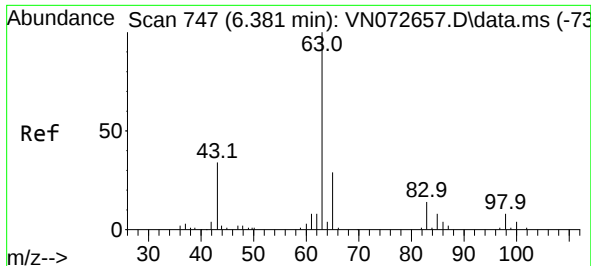
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#20
Diisopropyl ether
Concen: 20.386 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

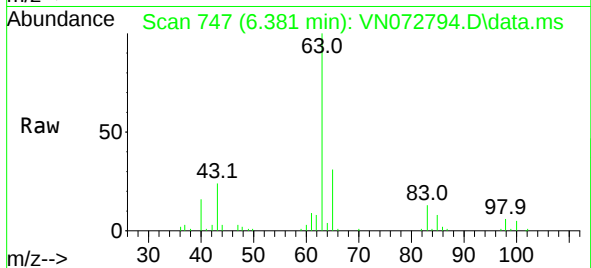
Tgt Ion: 45 Resp: 194794
Ion Ratio Lower Upper
45 100
43 60.7 51.0 76.4
87 24.3 25.0 37.4#
59 10.8 8.7 13.1





#21
1,1-Dichloroethane
Concen: 18.018 ug/l
RT: 6.381 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

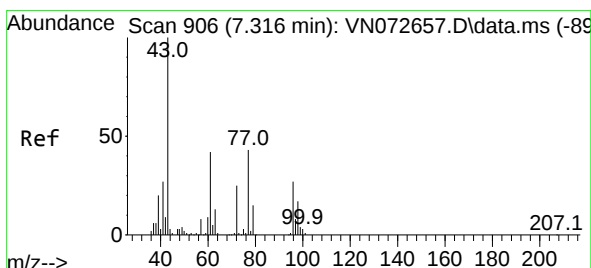
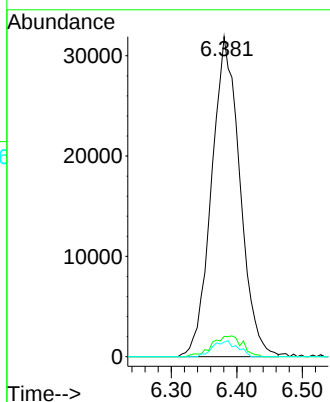
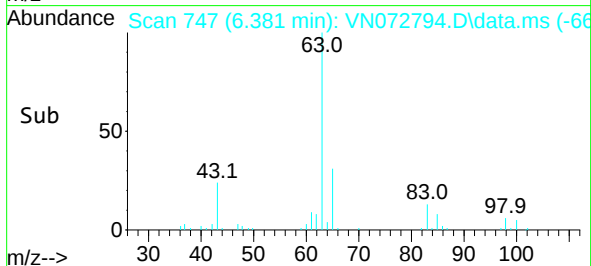
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



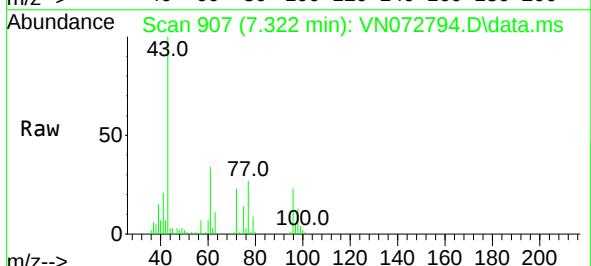
Tgt Ion: 63 Resp: 95658
Ion Ratio Lower Upper
63 100
98 6.3 3.2 9.6
100 4.6 2.1 6.2

Manual Integrations
APPROVED

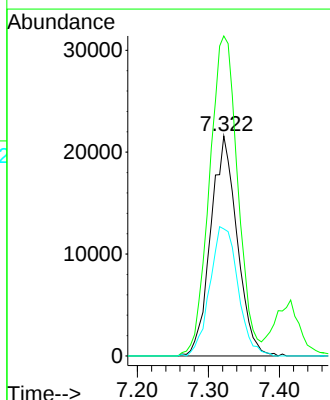
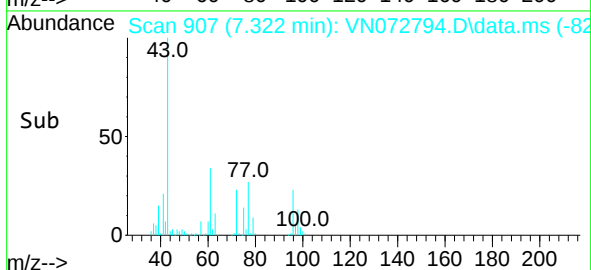
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

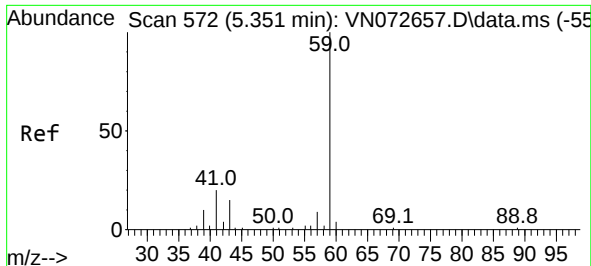


#22
cis-1,2-Dichloroethene
Concen: 18.414 ug/l
RT: 7.322 min Scan# 907
Delta R.T. 0.006 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43



Tgt Ion: 96 Resp: 55749
Ion Ratio Lower Upper
96 100
61 156.0 115.7 173.5
98 62.5 51.6 77.4





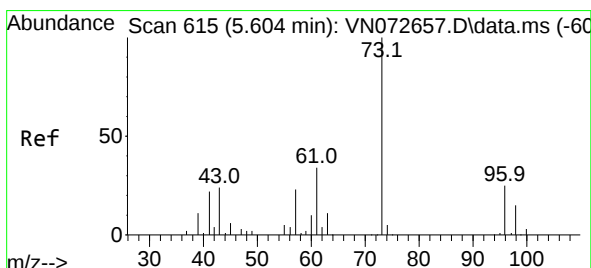
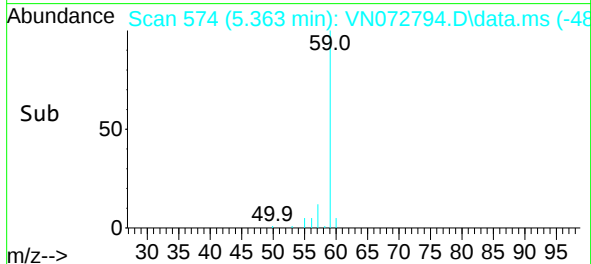
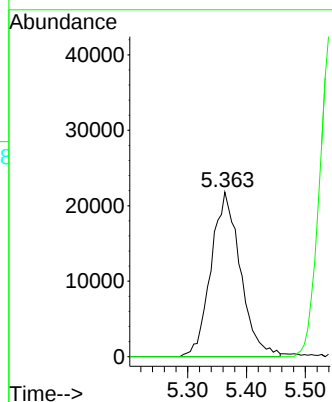
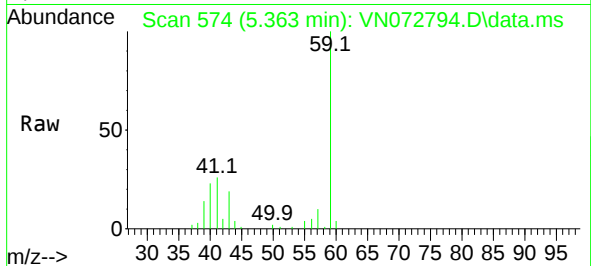
#23
tert-Butyl Alcohol
Concen: 86.708 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 59 Resp: 7579
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

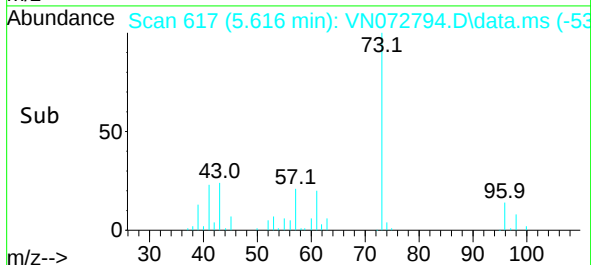
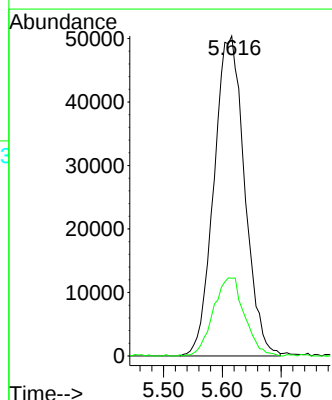
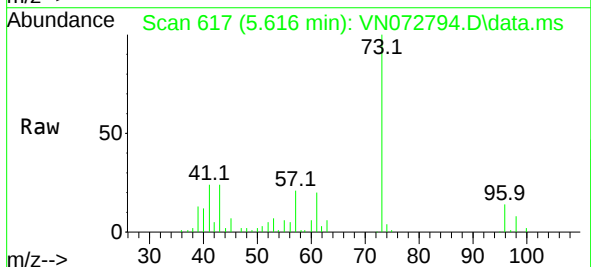
Manual Integrations
APPROVED

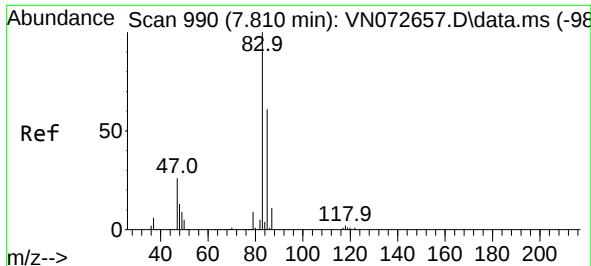
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#24
Methyl tert-Butyl Ether
Concen: 18.354 ug/l
RT: 5.616 min Scan# 617
Delta R.T. 0.012 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

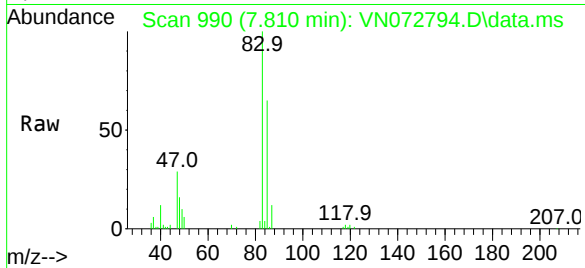
Tgt Ion: 73 Resp: 182311
Ion Ratio Lower Upper
73 100
43 24.9 18.1 27.1





#25
Chloroform
Concen: 18.871 ug/l
RT: 7.810 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

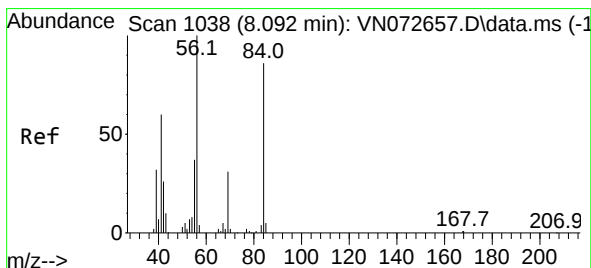
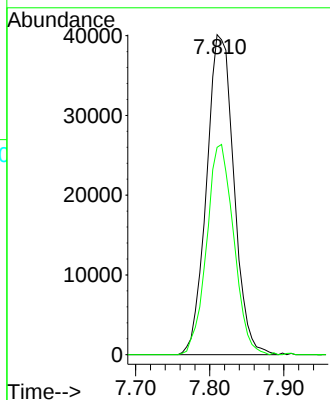
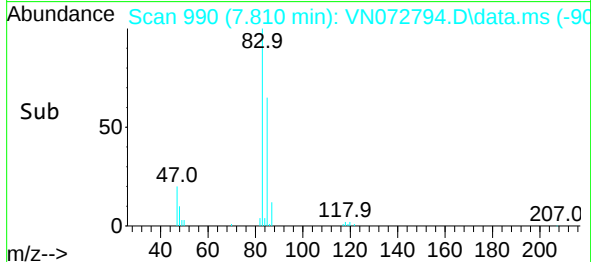
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



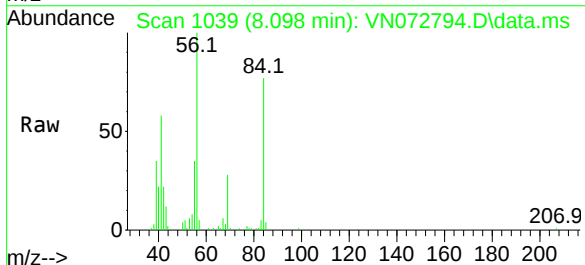
Tgt Ion: 83 Resp: 10291
Ion Ratio Lower Upper
83 100
85 64.8 51.3 76.9

Manual Integrations
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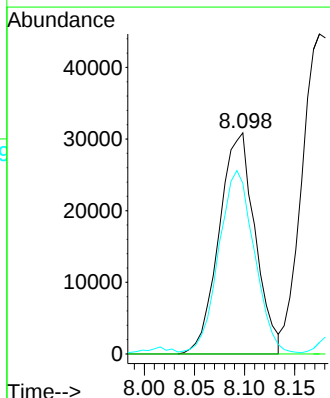
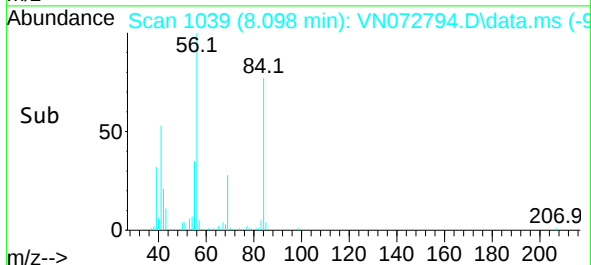
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

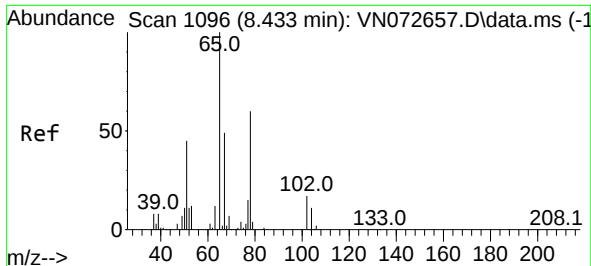


#26
Cyclohexane
Concen: 17.411 ug/l
RT: 8.098 min Scan# 1039
Delta R.T. 0.006 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43



Tgt Ion: 56 Resp: 77069
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 82.8 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 32.099 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. 0.000 min

Lab File: VN072794.D

Acq: 11 Jun 2022 17:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 65 Resp: 12375

Ion Ratio Lower Upper

65 100

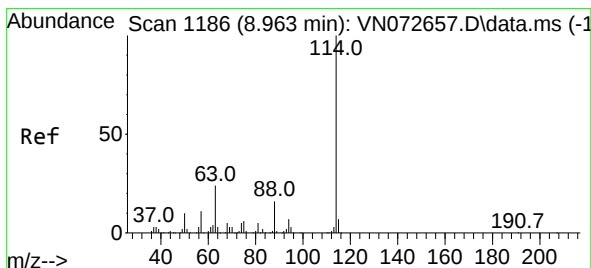
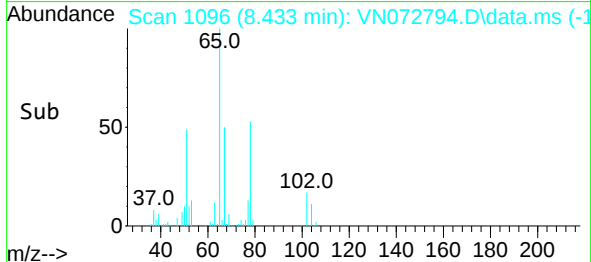
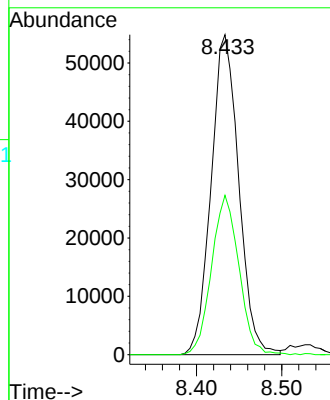
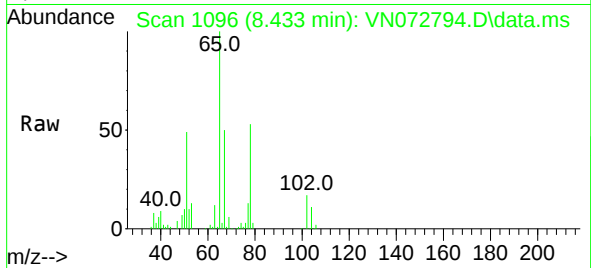
67 48.9 40.2 60.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2022

Supervised By :Mahesh Dadoda 06/13/2022



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN072794.D

Acq: 11 Jun 2022 17:43

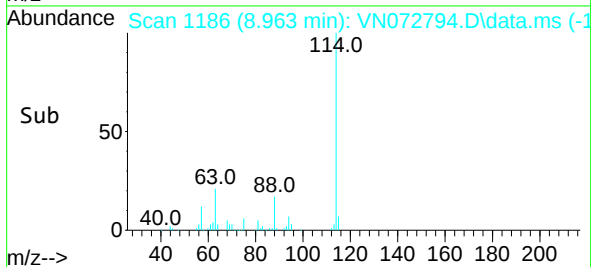
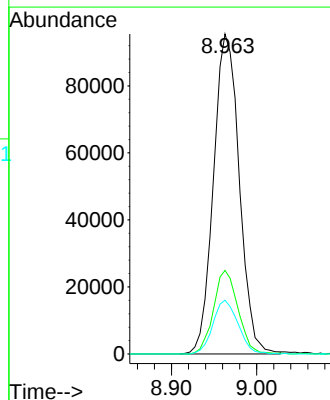
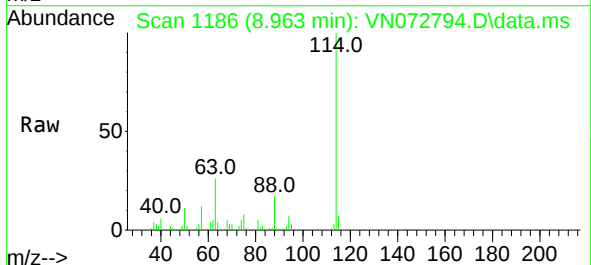
Tgt Ion:114 Resp: 200785

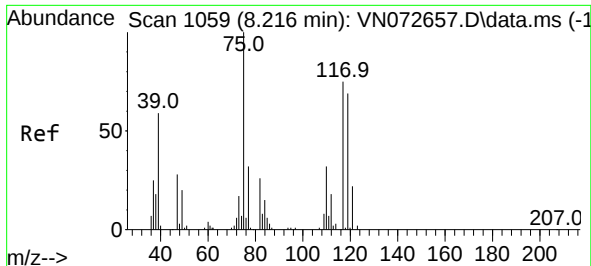
Ion Ratio Lower Upper

114 100

63 24.9 15.8 23.6#

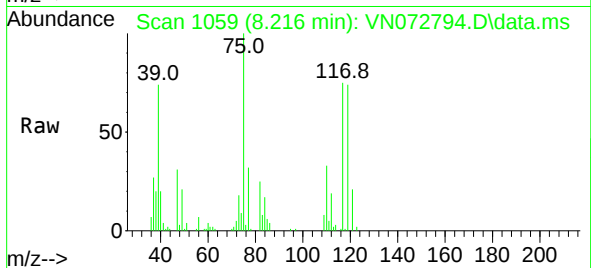
88 16.3 11.6 17.4





#29
1,1-Dichloropropene
Concen: 17.669 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

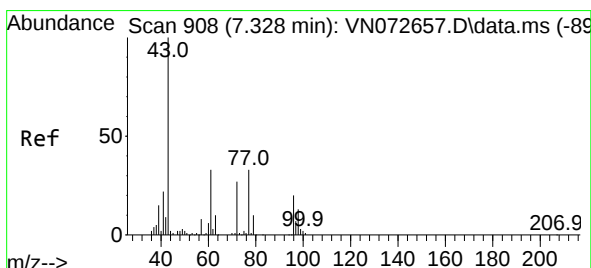
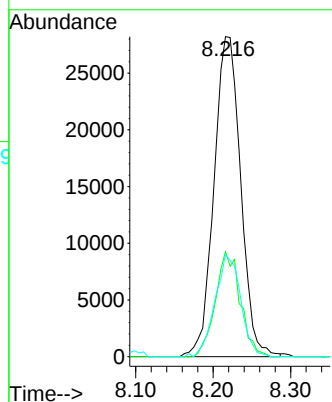
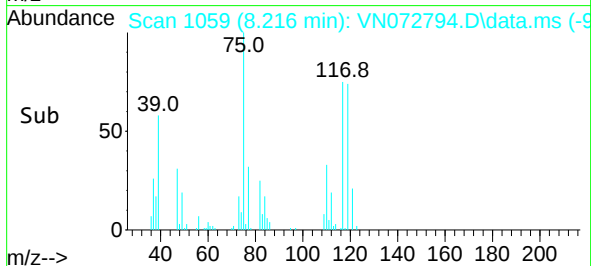
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



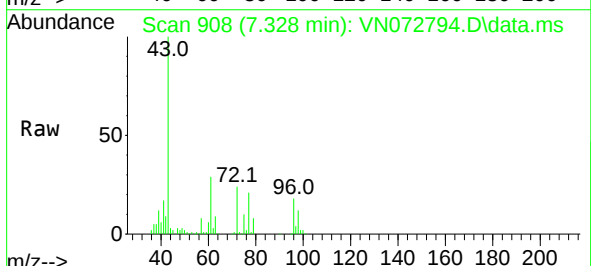
Tgt Ion: 75 Resp: 67628
Ion Ratio Lower Upper
75 100
110 30.6 0.0 74.2
77 30.5 0.0 63.2

Manual Integrations
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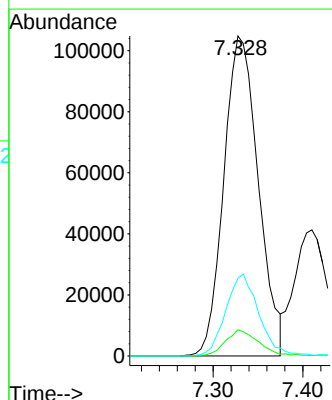
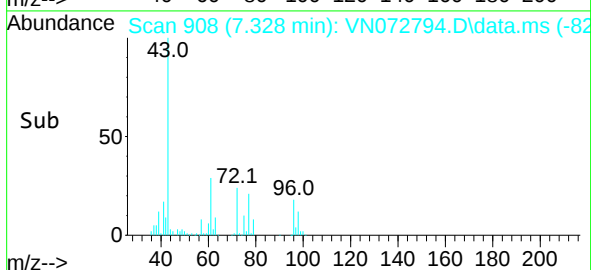
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#30
2-Butanone
Concen: 101.030 ug/l
RT: 7.328 min Scan# 908
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43



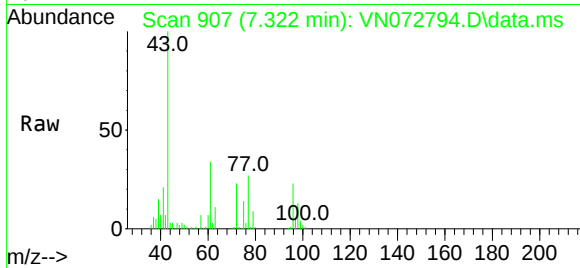
Tgt Ion: 43 Resp: 279846
Ion Ratio Lower Upper
43 100
57 7.9 6.7 10.1
72 24.6 23.2 34.8





#31
2,2-Dichloropropane
Concen: 13.763 ug/l
RT: 7.322 min Scan# 906
Delta R.T. 0.006 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

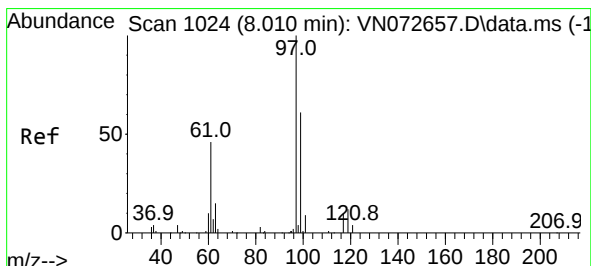
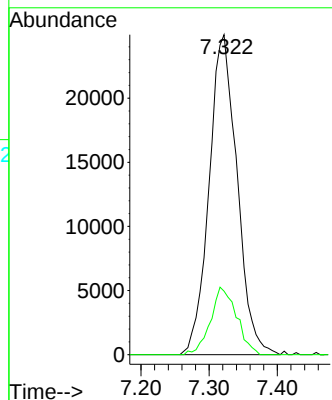
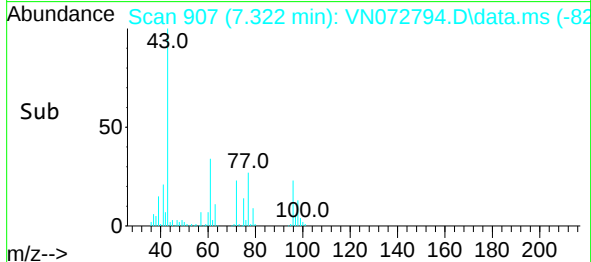
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 77 Resp: 7130
Ion Ratio Lower Upper
77 100
97 19.5 18.3 27.5

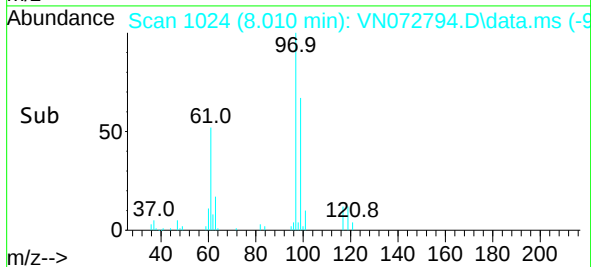
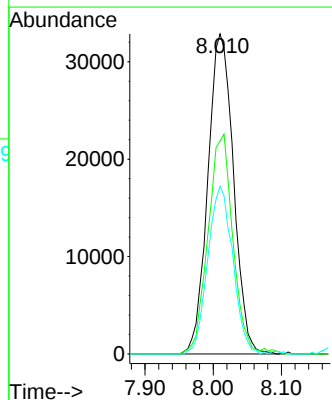
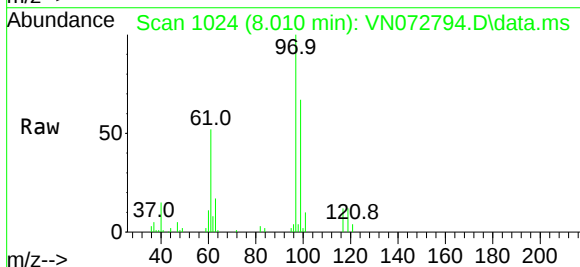
Manual Integrations
APPROVED

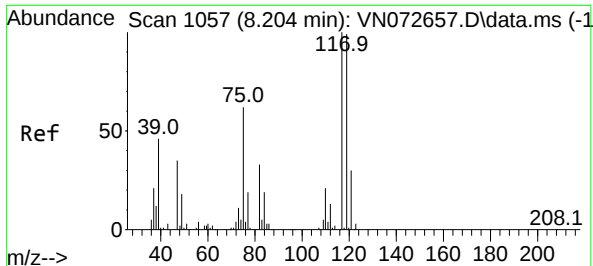
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#32
1,1,1-Trichloroethane
Concen: 17.191 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

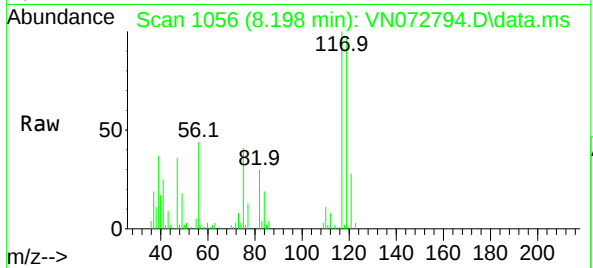
Tgt Ion: 97 Resp: 86093
Ion Ratio Lower Upper
97 100
99 66.1 50.4 75.6
61 51.1 34.6 51.8





#33
Carbon Tetrachloride
Concen: 16.409 ug/l
RT: 8.198 min Scan# 11056
Delta R.T. -0.006 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

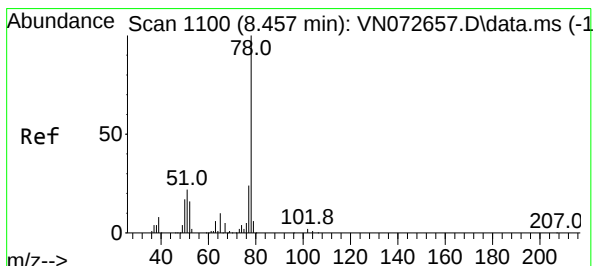
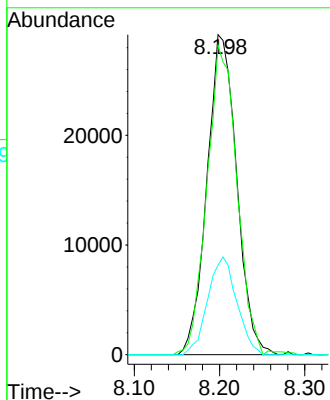
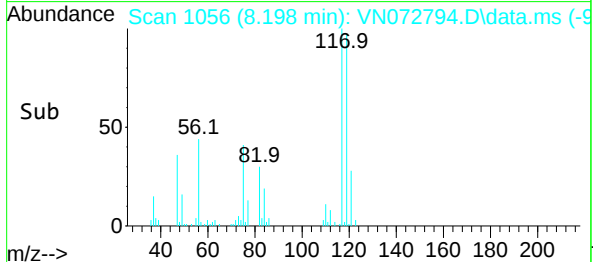
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 70860
Ion Ratio Lower Upper
117 100
119 95.7 77.5 116.3
121 28.0 23.5 35.3

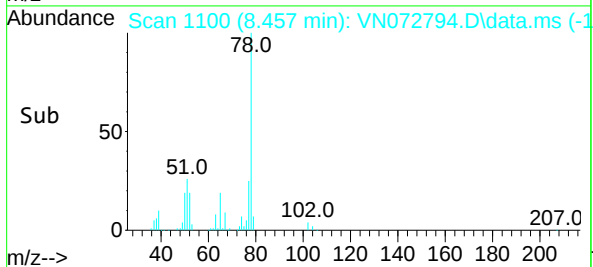
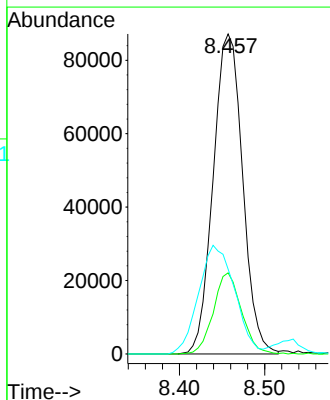
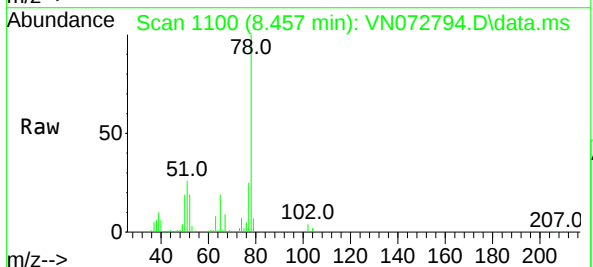
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#34
Benzene
Concen: 18.469 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

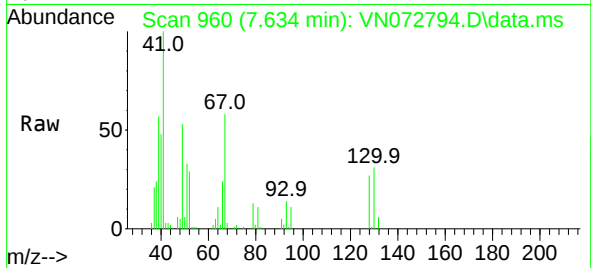
Tgt Ion: 78 Resp: 209134
Ion Ratio Lower Upper
78 100
77 25.3 19.1 28.7
51 24.8 16.0 24.0#





#35
Methacrylonitrile
Concen: 18.312 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

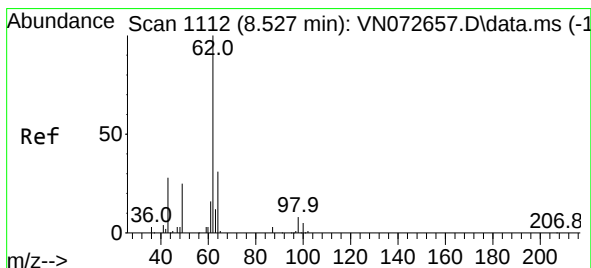
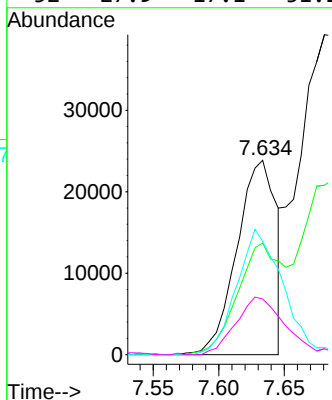
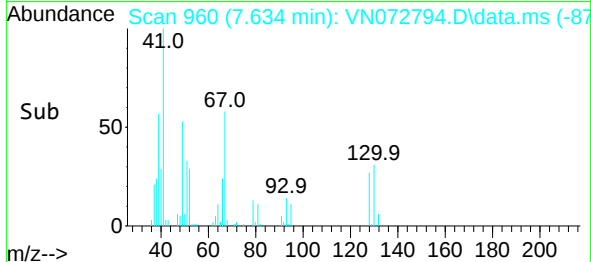
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 41 Resp: 49730
Ion Ratio Lower Upper
41 100
39 57.4 28.0 83.9
67 58.3 37.7 113.1
52 27.9 17.1 51.2

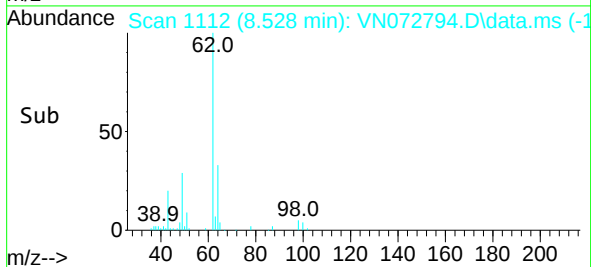
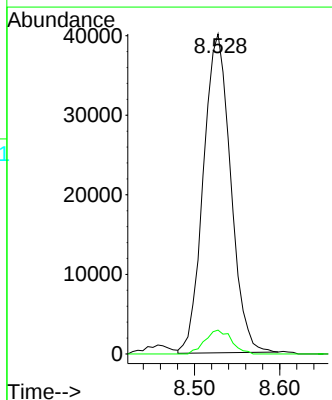
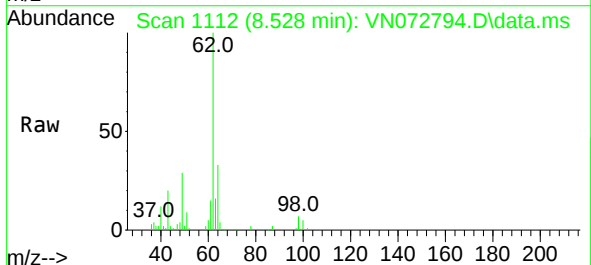
Manual Integrations
APPROVED

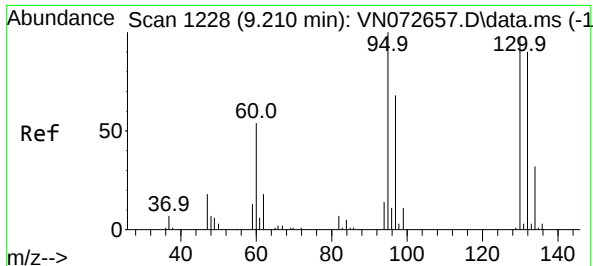
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#36
1,2-Dichloroethane
Concen: 18.637 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

Tgt Ion: 62 Resp: 89157
Ion Ratio Lower Upper
62 100
98 7.3 6.6 10.0





#37

Trichloroethene

Concen: 17.181 ug/l

RT: 9.210 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN072794.D

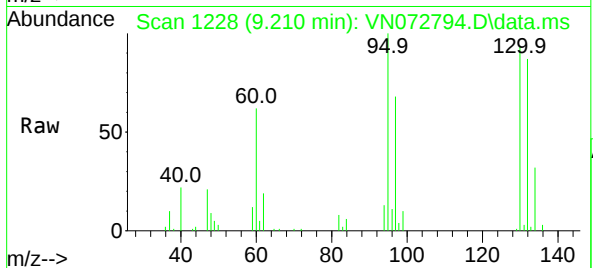
Acq: 11 Jun 2022 17:43

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



Tgt Ion:130 Resp: 4690

Ion Ratio Lower Upper

130 100

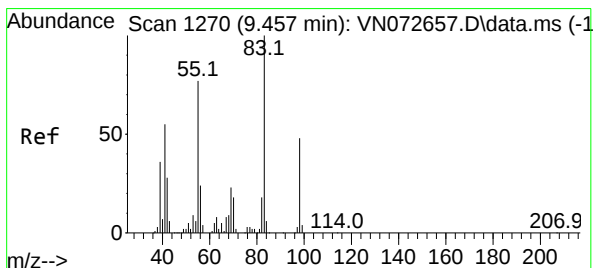
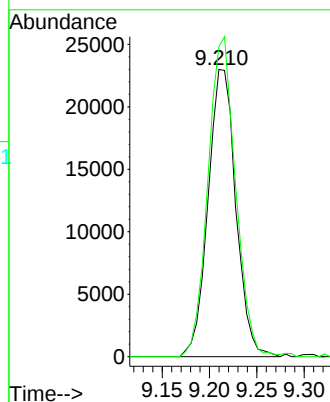
95 108.0 76.6 115.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/13/2022

Supervised By :Mahesh Dadoda 06/13/2022



#38

Methylcyclohexane

Concen: 16.736 ug/l

RT: 9.457 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VN072794.D

Acq: 11 Jun 2022 17:43

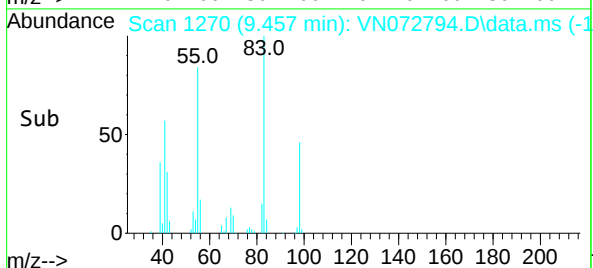
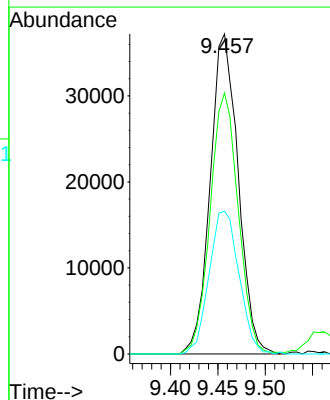
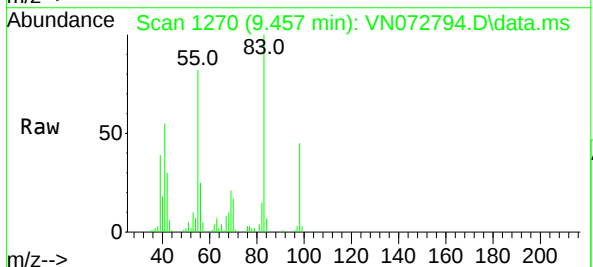
Tgt Ion: 83 Resp: 76468

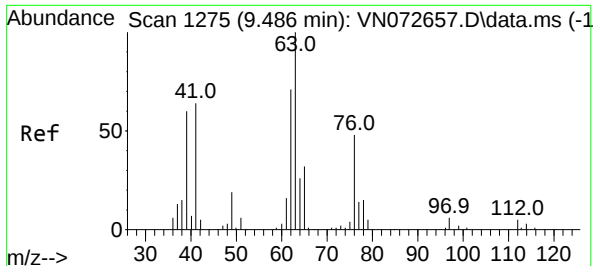
Ion Ratio Lower Upper

83 100

55 82.0 35.1 105.3

98 47.7 23.4 70.2





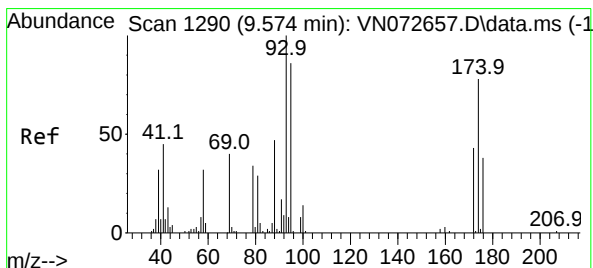
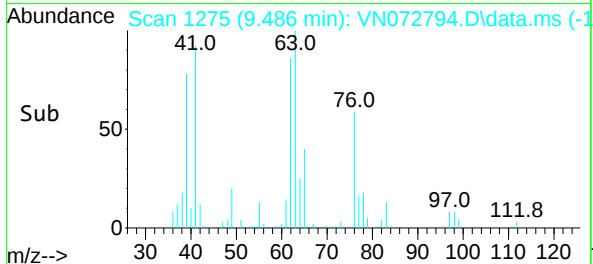
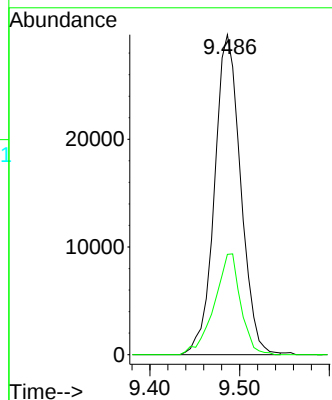
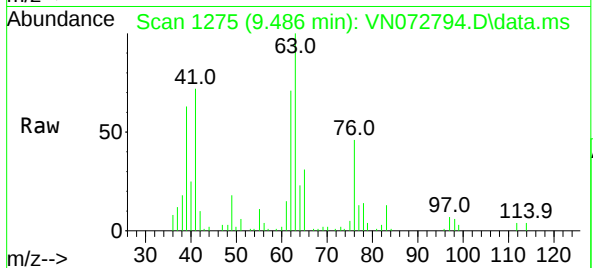
#39
1,2-Dichloropropane
Concen: 19.301 ug/l
RT: 9.486 min Scan# 1275
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 63 Resp: 6004
Ion Ratio Lower Upper
63 100
65 31.4 24.2 36.4

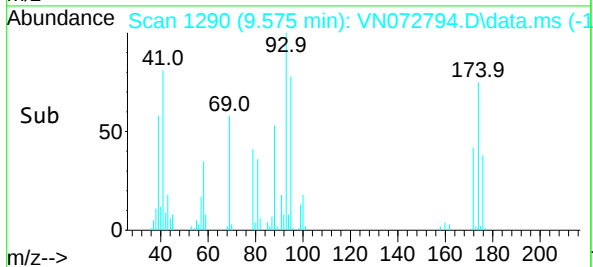
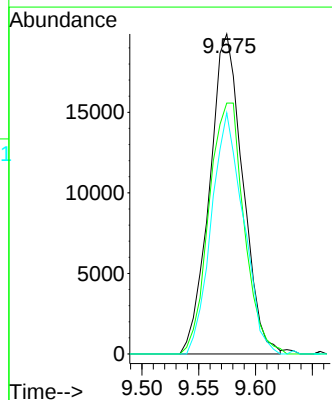
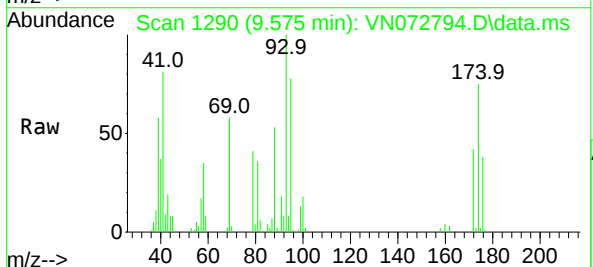
Manual Integrations
APPROVED

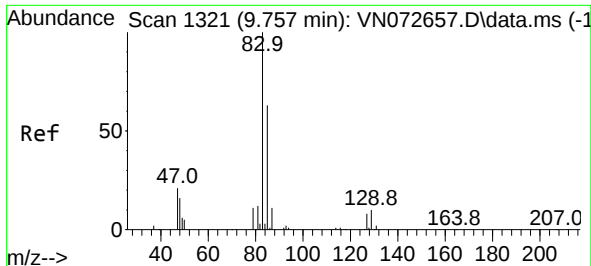
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#40
Dibromomethane
Concen: 18.864 ug/l
RT: 9.575 min Scan# 1290
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

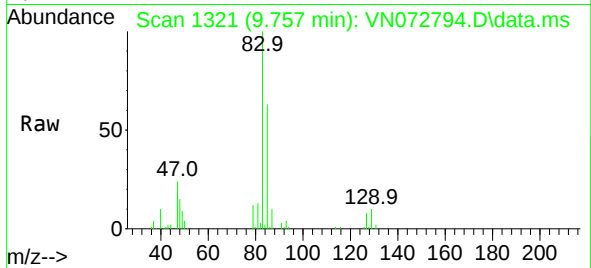
Tgt Ion: 93 Resp: 40283
Ion Ratio Lower Upper
93 100
95 82.9 0.0 168.8
174 72.7 0.0 173.6





#41
Bromodichloromethane
Concen: 17.858 ug/l
RT: 9.757 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

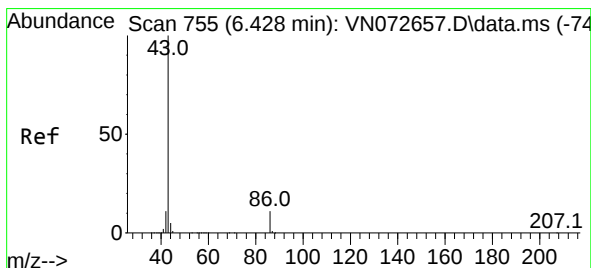
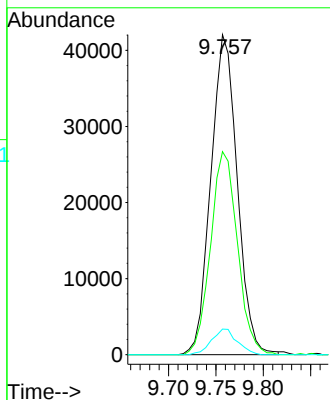
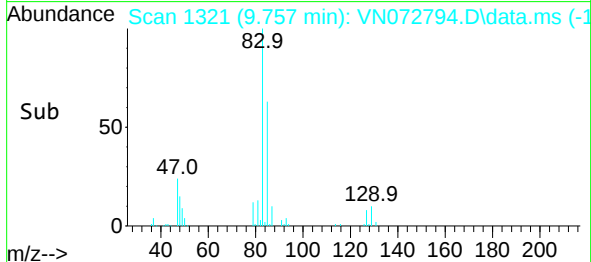
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



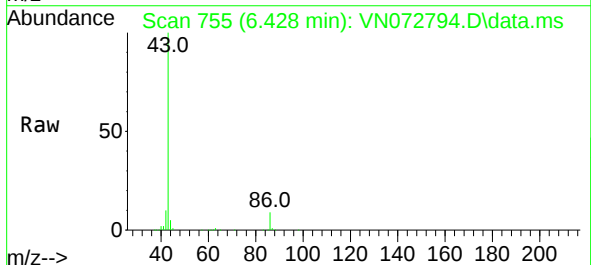
Tgt Ion: 83 Resp: 8157
Ion Ratio Lower Upper
83 100
85 63.5 54.1 81.1
127 8.0 7.6 11.4

Manual Integrations
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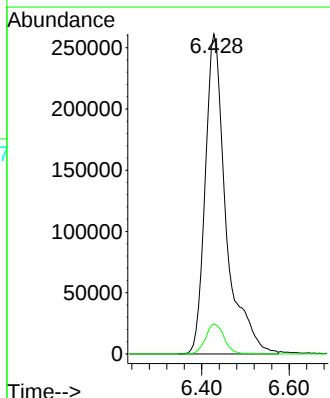
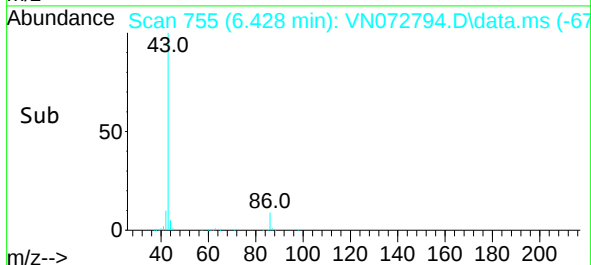
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

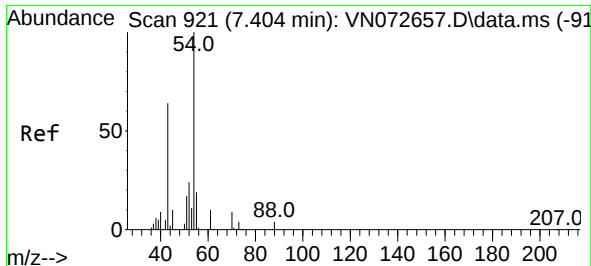


#42
Vinyl Acetate
Concen: 96.033 ug/l
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43



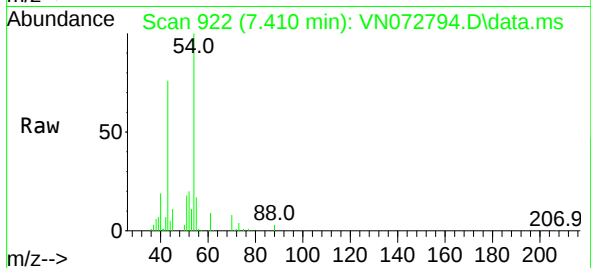
Tgt Ion: 43 Resp: 865990
Ion Ratio Lower Upper
43 100
86 8.3 7.5 11.3





#43
Ethyl Acetate
Concen: 20.487 ug/l
RT: 7.410 min Scan# 911
Delta R.T. 0.006 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

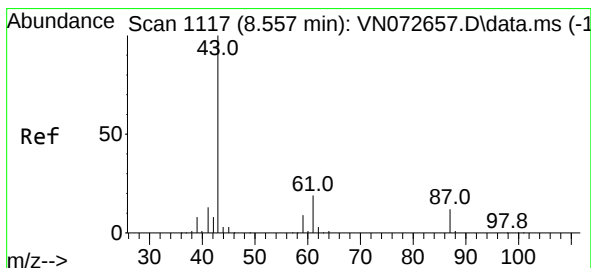
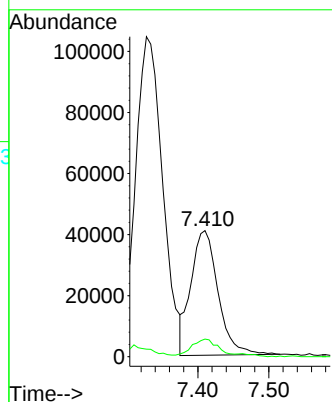
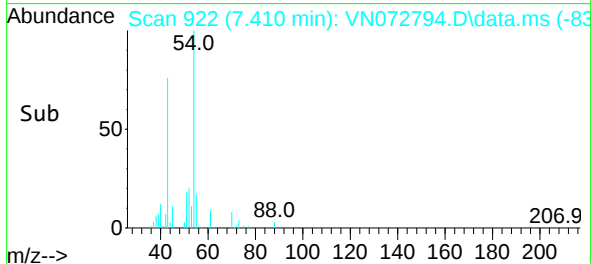
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 108728
Ion Ratio Lower Upper
43 100
45 11.7 10.6 16.0

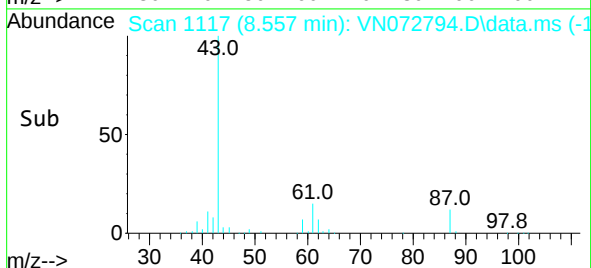
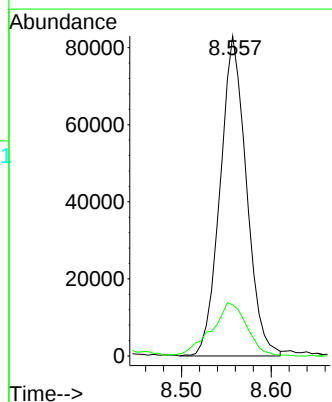
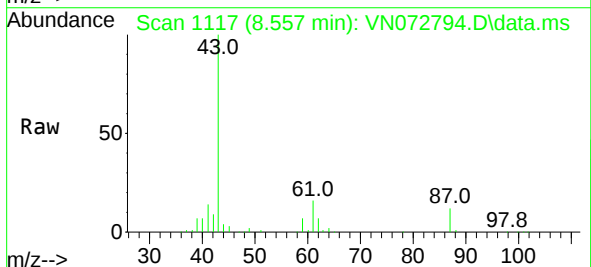
Manual Integrations
APPROVED

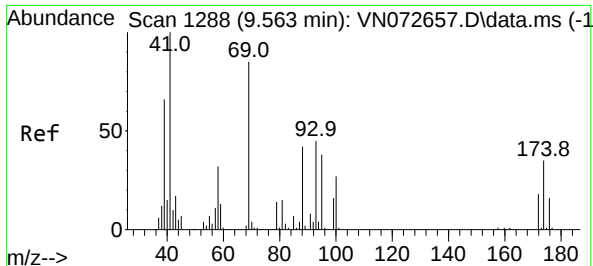
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#44
Isopropyl Acetate
Concen: 19.182 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

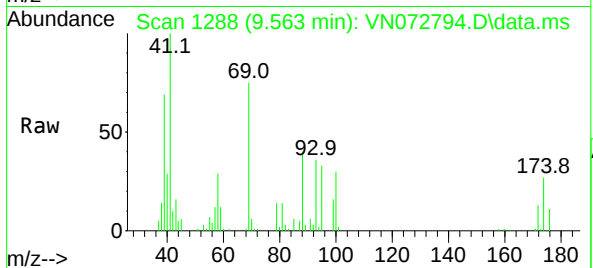
Tgt Ion: 43 Resp: 168861
Ion Ratio Lower Upper
43 100
61 22.6 20.1 30.1





#45
1,4-Dioxane
Concen: 396.848 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

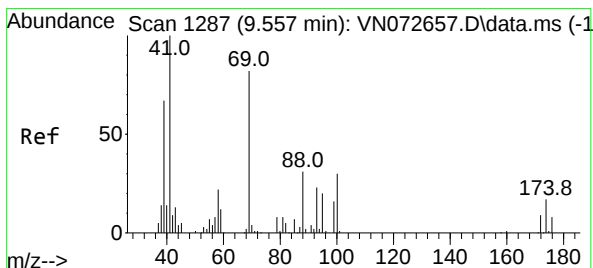
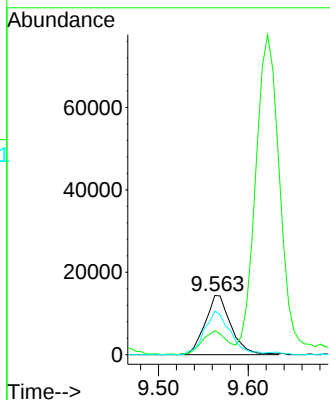
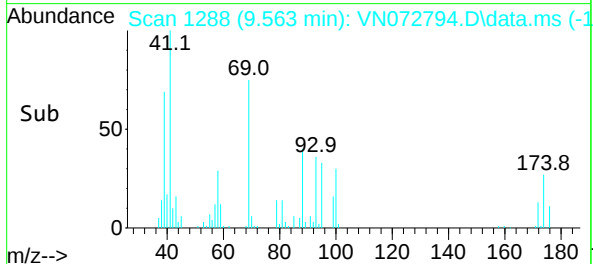
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



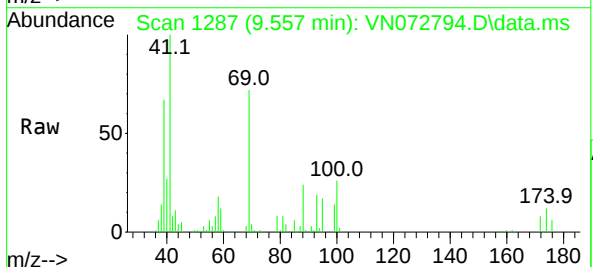
Tgt Ion: 88 Resp: 28709
Ion Ratio Lower Upper
88 100
43 40.2 25.0 37.6
58 73.6 49.4 74.2

Manual Integrations
APPROVED

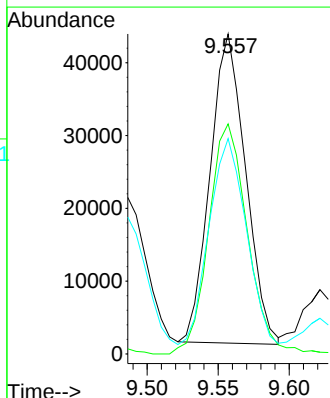
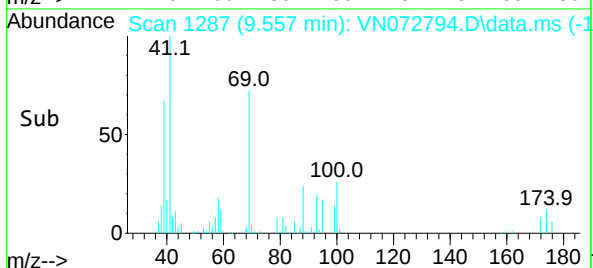
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

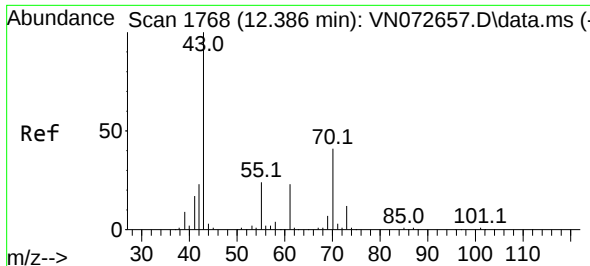


#46
Methyl methacrylate
Concen: 18.742 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43



Tgt Ion: 41 Resp: 73775
Ion Ratio Lower Upper
41 100
69 72.7 44.4 133.2
39 66.9 39.9 119.6





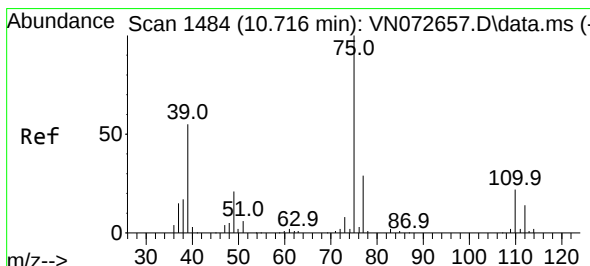
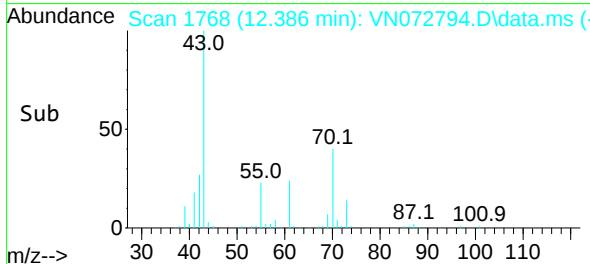
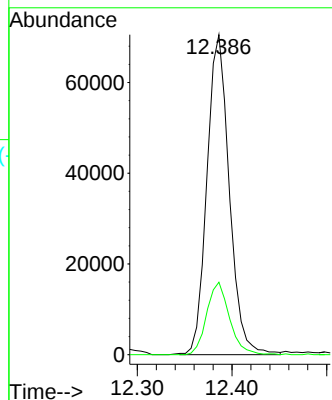
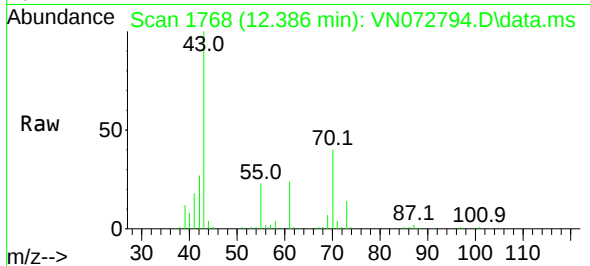
#47
n-amy1 Acetate
Concen: 17.187 ug/l
RT: 12.386 min Scan# 115836
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 43 Resp: 115836
Ion Ratio Lower Upper
43 100
55 23.0 19.0 28.6

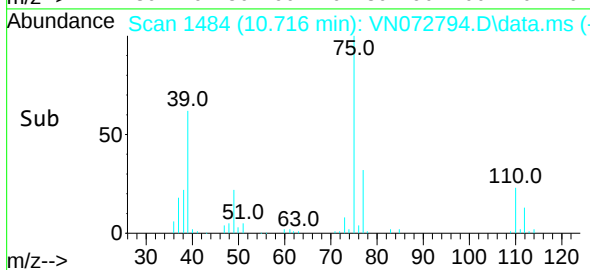
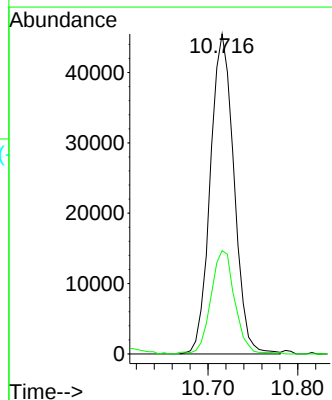
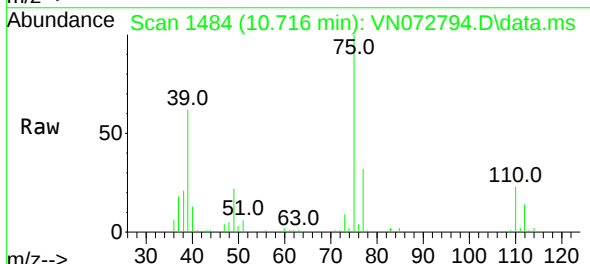
Manual Integrations
APPROVED

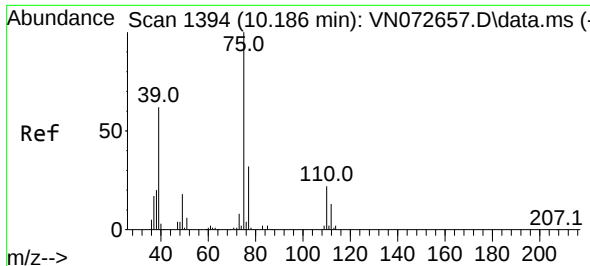
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#48
t-1,3-Dichloropropene
Concen: 15.948 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

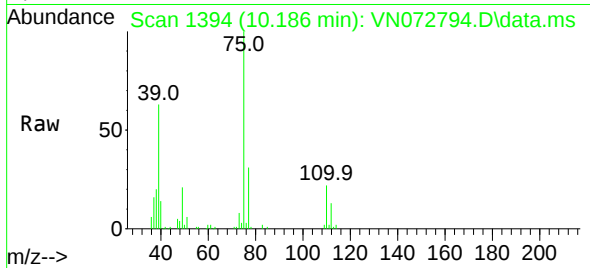
Tgt Ion: 75 Resp: 83155
Ion Ratio Lower Upper
75 100
77 31.9 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 16.680 ug/l
 RT: 10.186 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN072794.D
 Acq: 11 Jun 2022 17:43

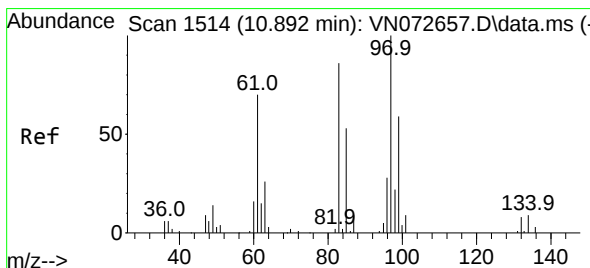
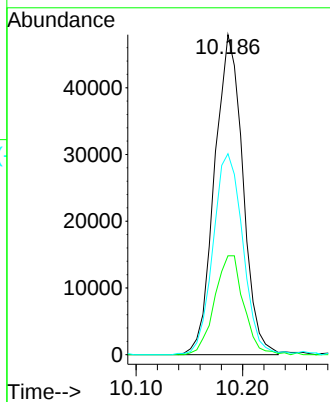
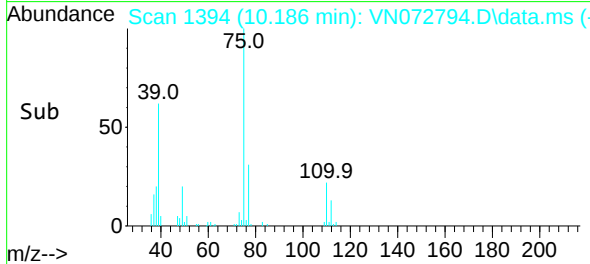
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 75 Resp: 88314
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.3 37.9
 39 62.4 46.2 69.4

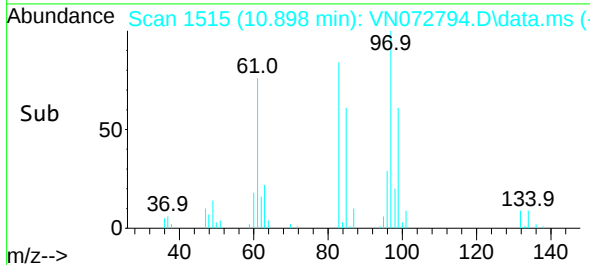
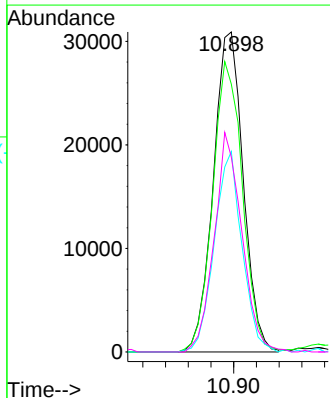
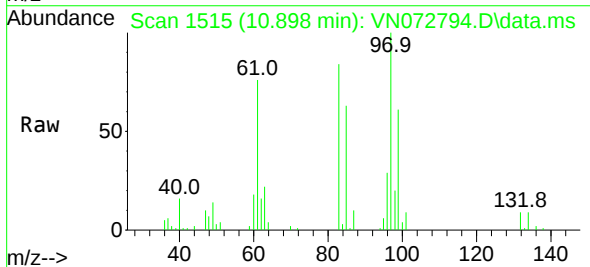
Manual Integrations
 APPROVED

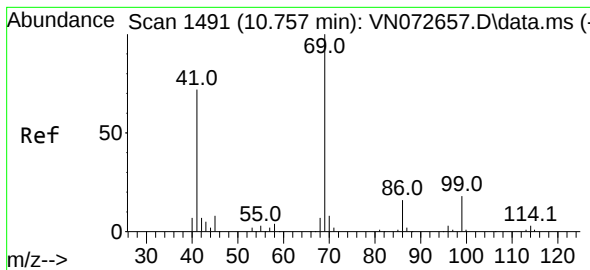
Reviewed By :John Carlone 06/13/2022
 Supervised By :Mahesh Dadoda 06/13/2022



#50
 1,1,2-Trichloroethane
 Concen: 18.713 ug/l
 RT: 10.898 min Scan# 1515
 Delta R.T. 0.006 min
 Lab File: VN072794.D
 Acq: 11 Jun 2022 17:43

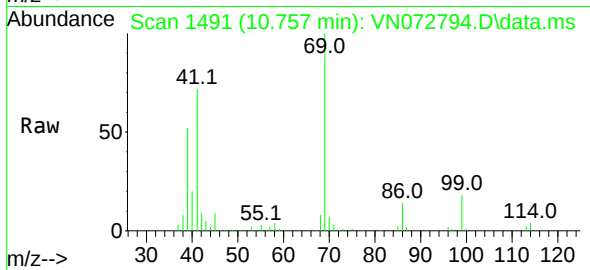
Tgt Ion: 97 Resp: 56498
 Ion Ratio Lower Upper
 97 100
 83 83.7 67.2 100.8
 85 62.6 43.0 64.4
 99 60.9 49.0 73.4





#51
Ethyl methacrylate
Concen: 18.217 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

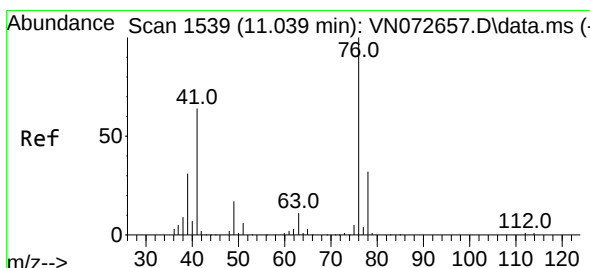
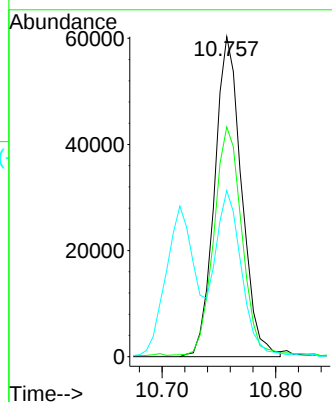
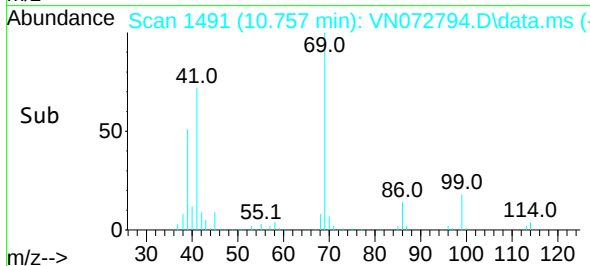
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



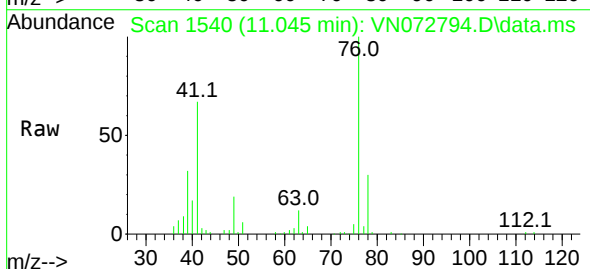
Tgt Ion: 69 Resp: 99624
Ion Ratio Lower Upper
69 100
41 71.2 33.0 98.9
39 50.8 25.4 76.4

Manual Integrations
APPROVED

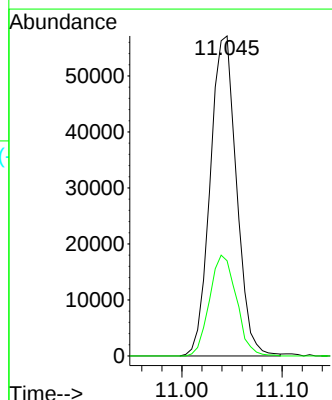
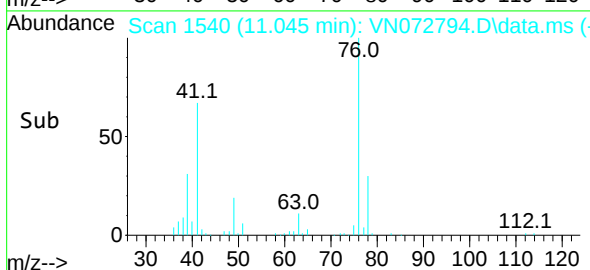
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

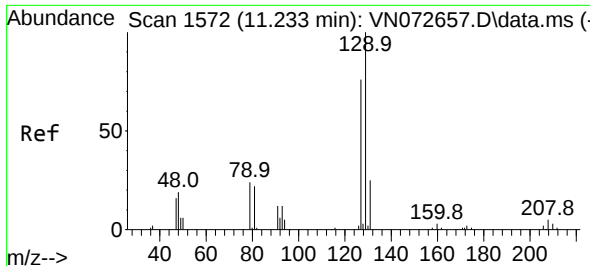


#52
1,3-Dichloropropane
Concen: 19.402 ug/l
RT: 11.045 min Scan# 1540
Delta R.T. 0.006 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43



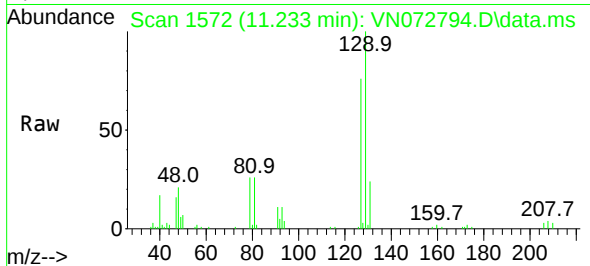
Tgt Ion: 76 Resp: 104246
Ion Ratio Lower Upper
76 100
78 32.1 0.0 65.4





#53
Dibromochloromethane
Concen: 17.188 ug/l
RT: 11.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

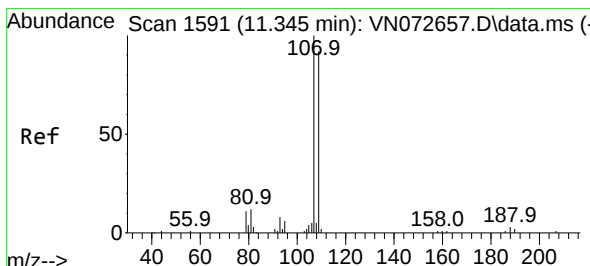
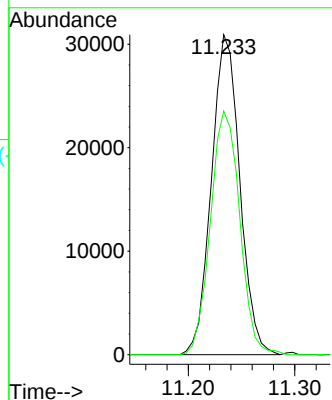
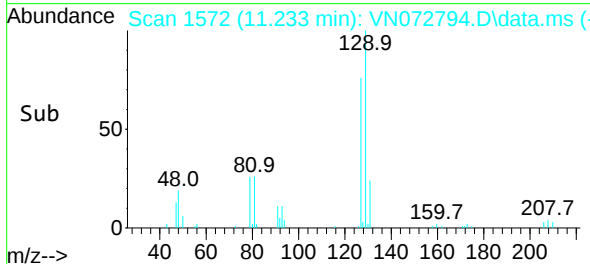
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



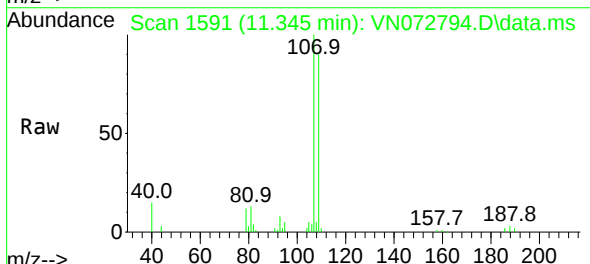
Tgt Ion:129 Resp: 57254
Ion Ratio Lower Upper
129 100
127 78.5 39.0 117.0

Manual Integrations
APPROVED

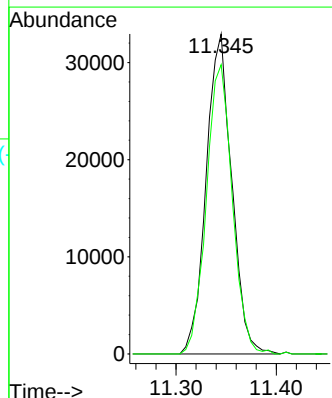
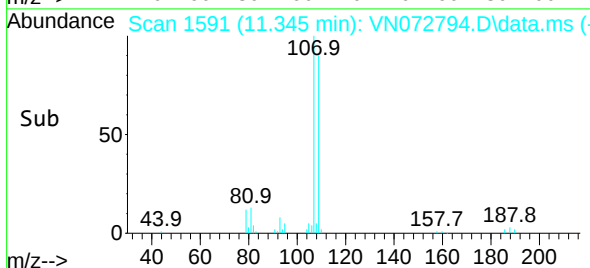
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

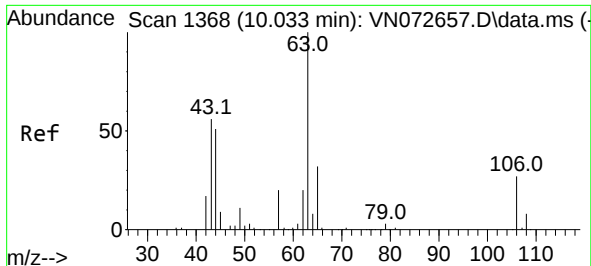


#54
1,2-Dibromoethane
Concen: 18.405 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43



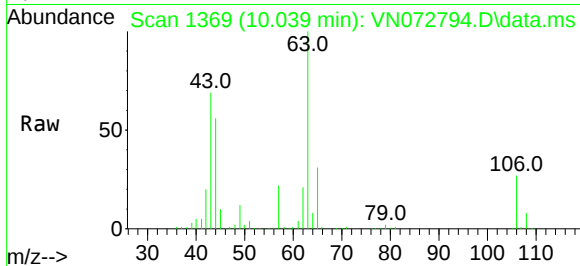
Tgt Ion:107 Resp: 58429
Ion Ratio Lower Upper
107 100
109 91.4 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 113.030 ug/l
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

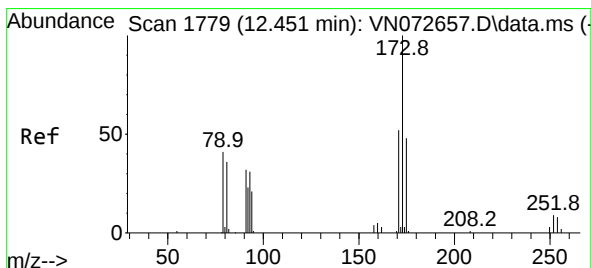
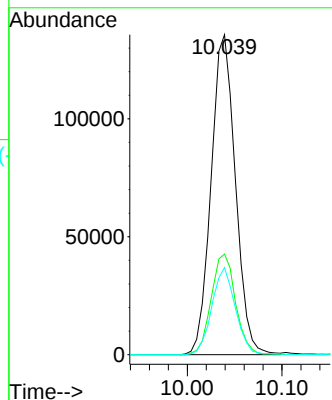
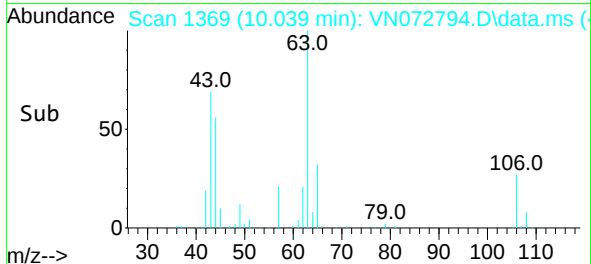
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 242099
Ion Ratio Lower Upper
63 100
65 31.4 25.4 38.0
106 26.4 23.2 34.8

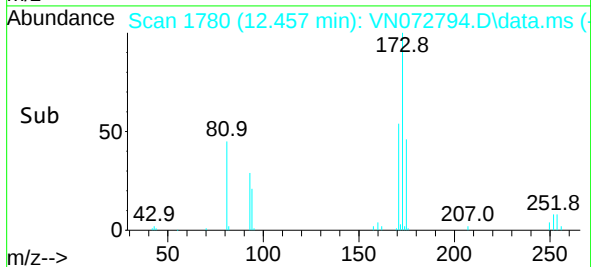
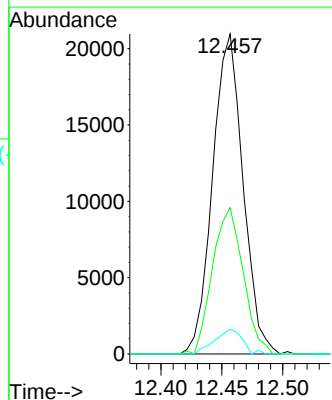
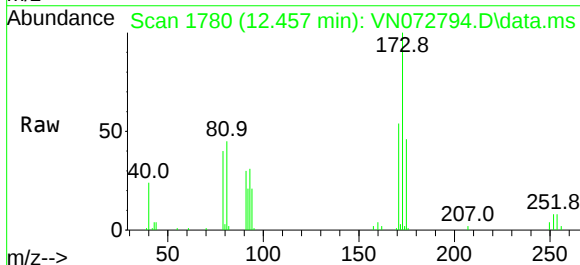
Manual Integrations
APPROVED

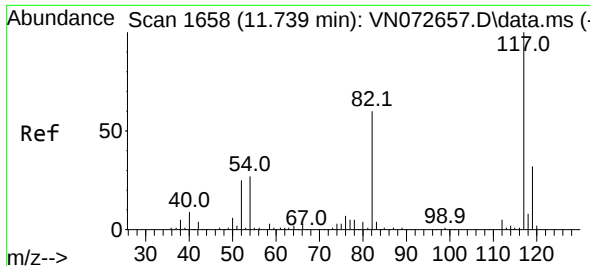
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#56
Bromoform
Concen: 15.687 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

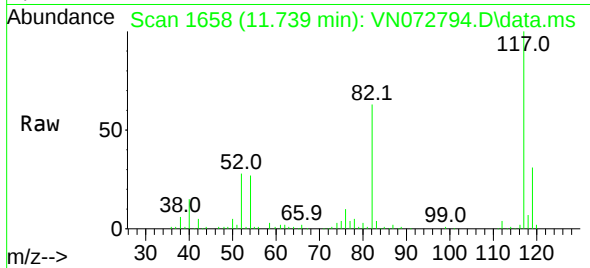
Tgt Ion:173 Resp: 36409
Ion Ratio Lower Upper
173 100
175 45.9 38.6 58.0
254 6.8 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

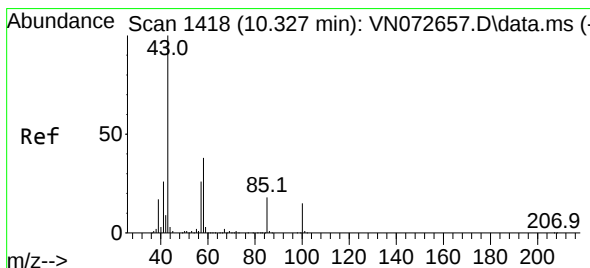
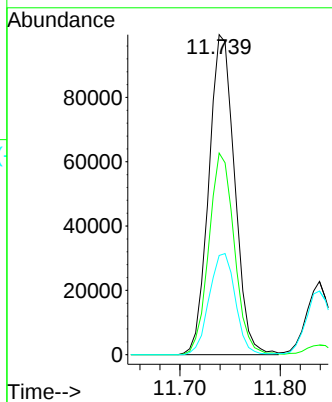
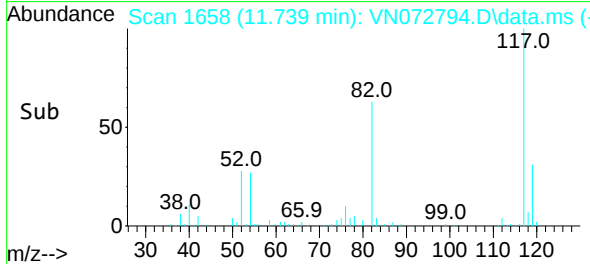
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 117 Resp: 178408
Ion Ratio Lower Upper
117 100
82 62.2 43.6 65.4
119 31.9 25.8 38.6

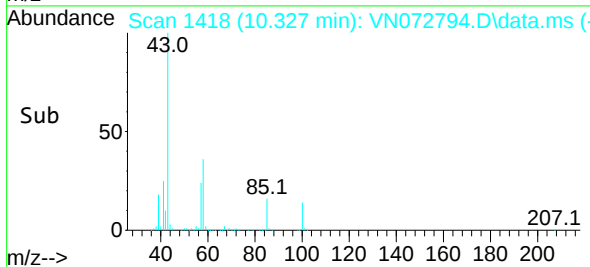
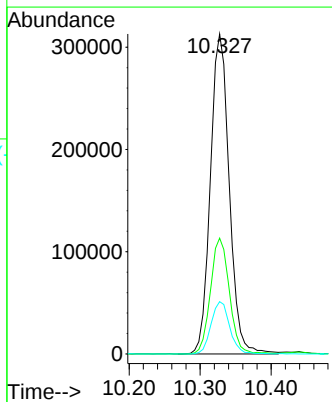
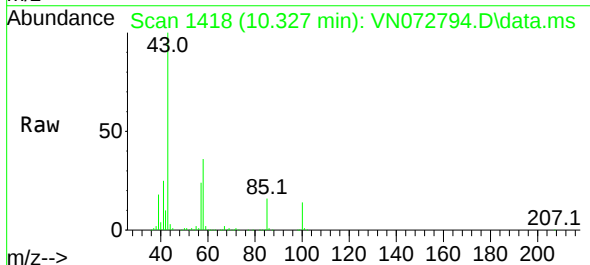
Manual Integrations
APPROVED

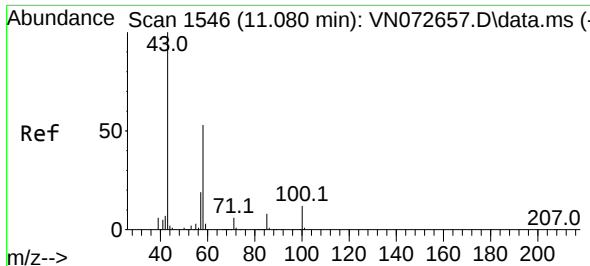
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#58
4-Methyl-2-Pentanone
Concen: 107.828 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

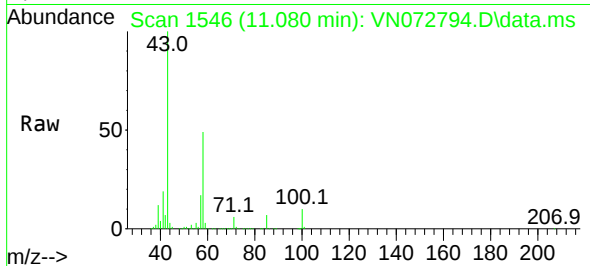
Tgt Ion: 43 Resp: 576995
Ion Ratio Lower Upper
43 100
58 36.0 30.0 45.0
85 16.1 15.0 22.6





#59
2-Hexanone
Concen: 103.366 ug/l
RT: 11.080 min Scan# 1154
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

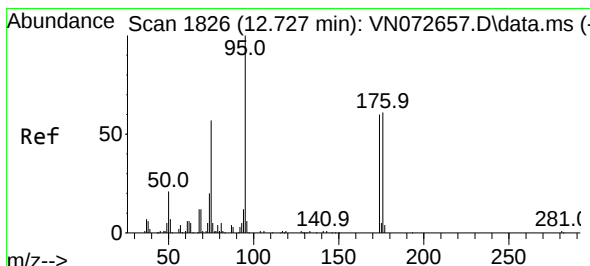
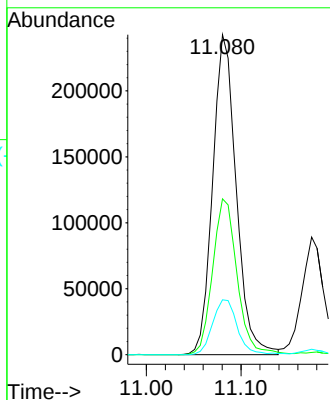
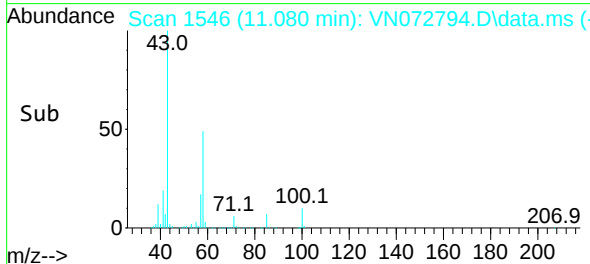
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



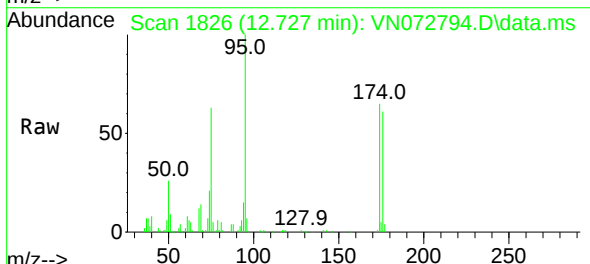
Tgt Ion: 43 Resp: 419340
Ion Ratio Lower Upper
43 100
58 50.6 42.2 63.2
57 17.9 15.0 22.4

Manual Integrations
APPROVED

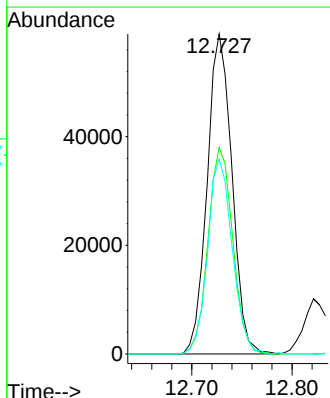
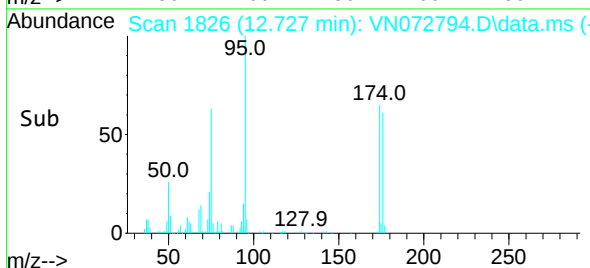
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

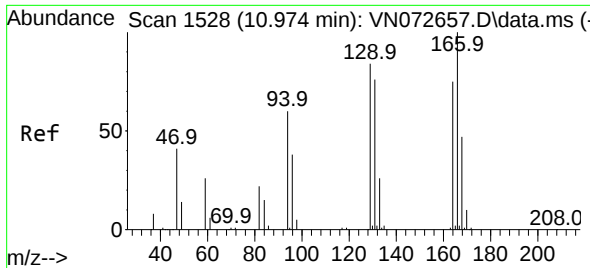


#60
4-Bromofluorobenzene
Concen: 27.595 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43



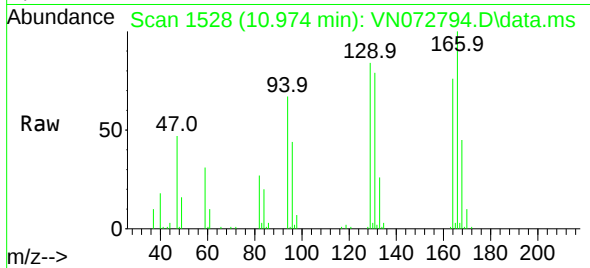
Tgt Ion: 95 Resp: 101259
Ion Ratio Lower Upper
95 100
174 64.5 62.9 94.3
176 60.4 61.0 91.4#





#61
Tetrachloroethene
Concen: 18.887 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

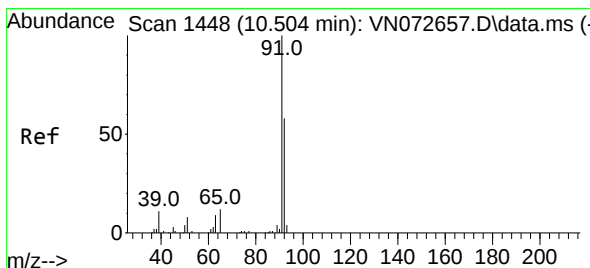
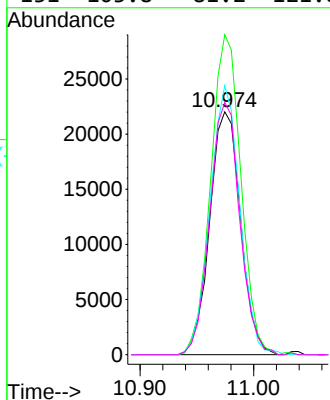
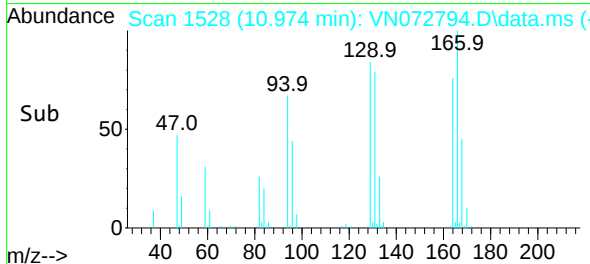
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



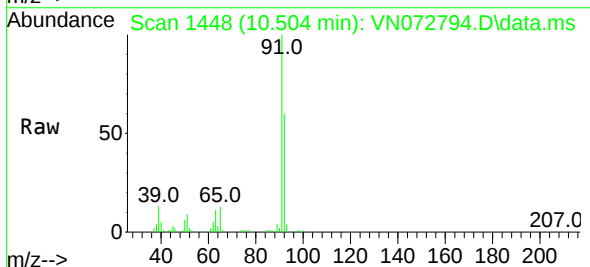
Tgt Ion:164 Resp: 41699
Ion Ratio Lower Upper
164 100
166 131.7 105.8 158.8
129 110.8 82.5 123.7
131 103.8 81.2 121.8

Manual Integrations
APPROVED

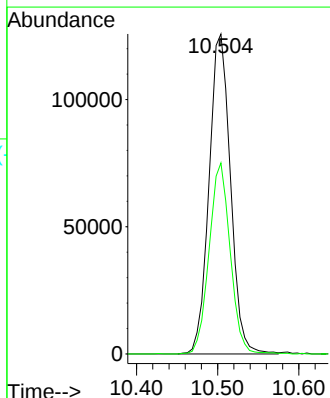
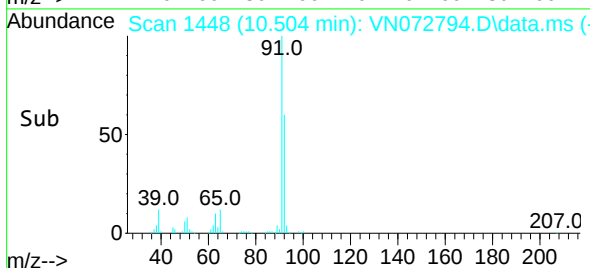
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

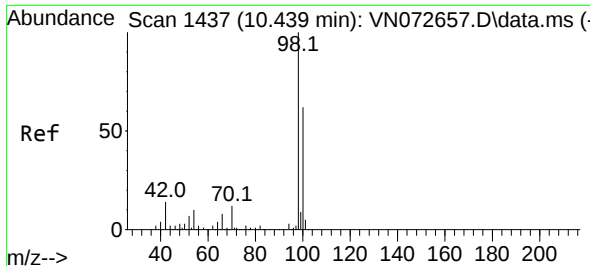


#62
Toluene
Concen: 19.036 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43



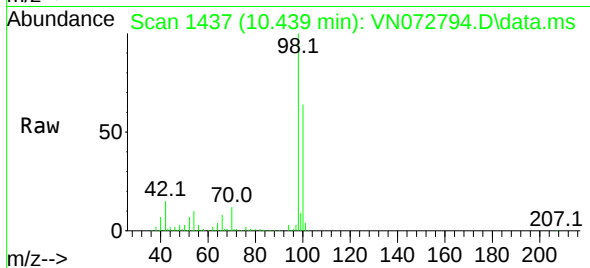
Tgt Ion: 91 Resp: 230283
Ion Ratio Lower Upper
91 100
92 58.8 44.6 67.0





#63
Toluene-d8
Concen: 32.114 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

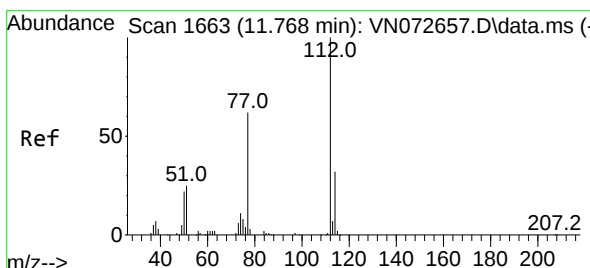
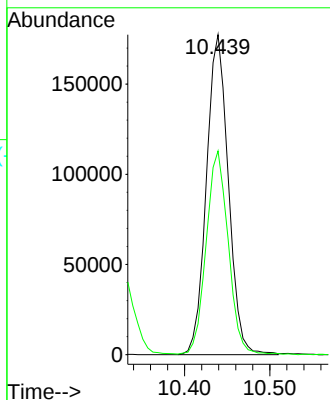
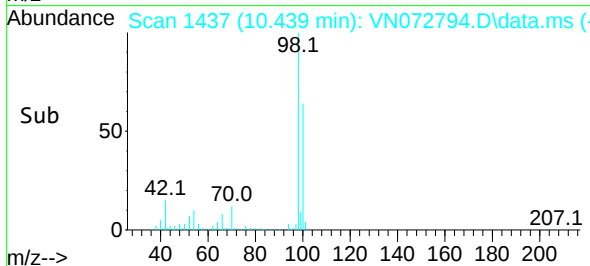
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



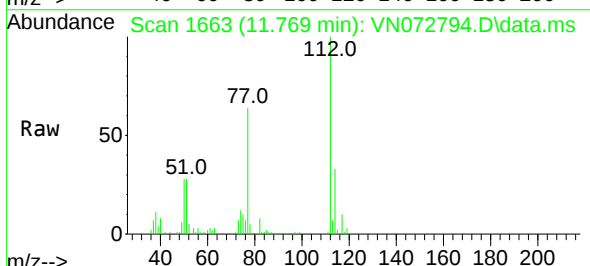
Tgt Ion: 98 Resp: 31738
Ion Ratio Lower Upper
98 100
100 63.3 50.6 76.0

Manual Integrations
APPROVED

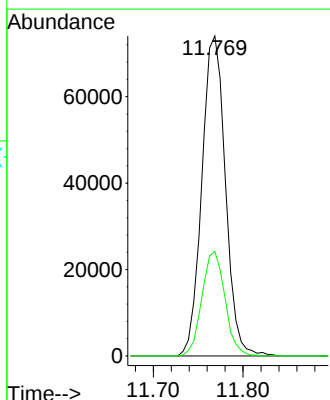
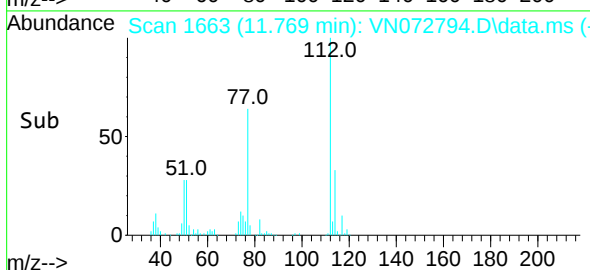
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

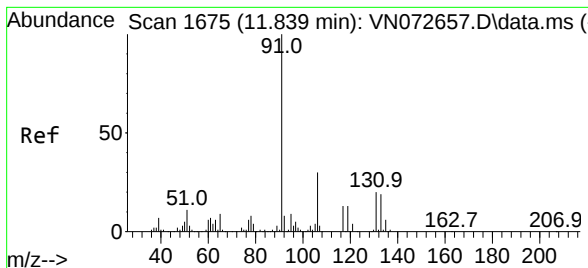


#64
Chlorobenzene
Concen: 18.334 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43



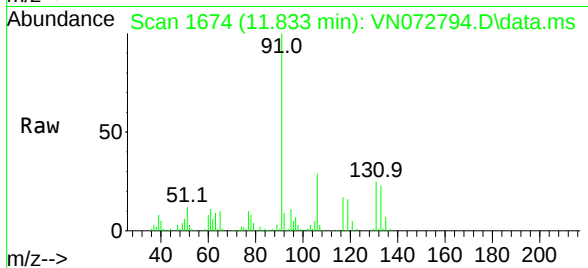
Tgt Ion:112 Resp: 135029
Ion Ratio Lower Upper
112 100
114 32.7 25.8 38.6





#65
1,1,1,2-Tetrachloroethane
Concen: 18.560 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

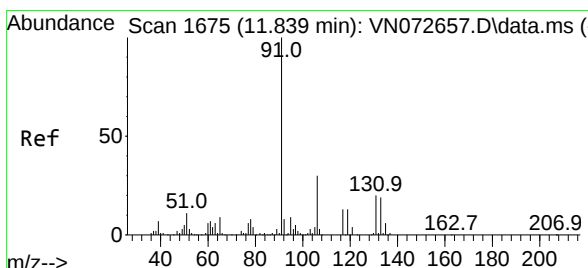
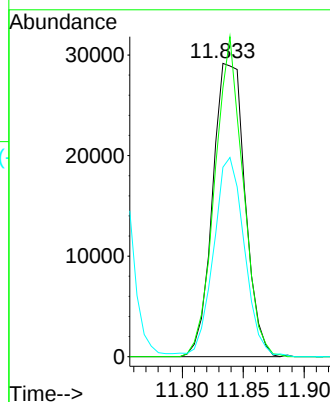
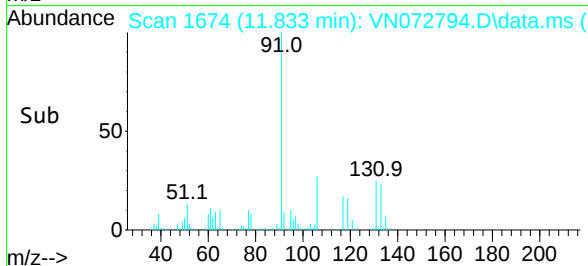
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



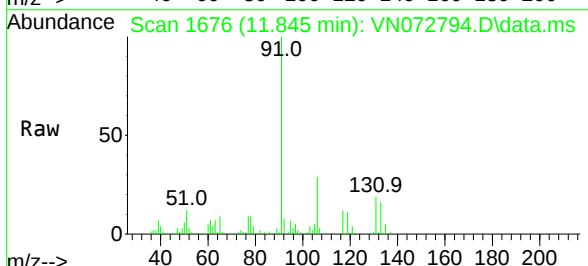
Tgt Ion:131 Resp: 53894
Ion Ratio Lower Upper
131 100
133 95.6 0.0 191.2
119 64.1 0.0 128.8

Manual Integrations
APPROVED

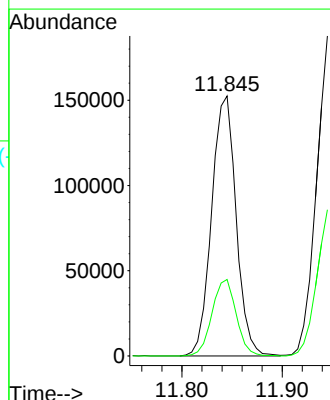
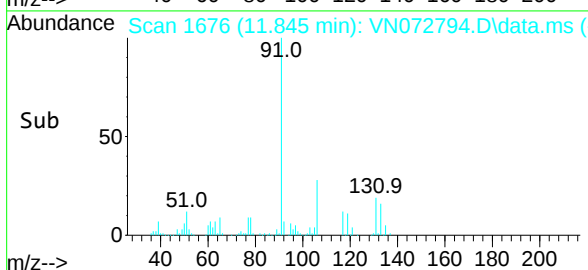
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

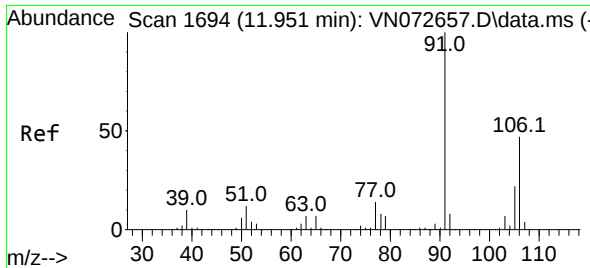


#66
Ethyl Benzene
Concen: 18.608 ug/l
RT: 11.845 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43



Tgt Ion: 91 Resp: 258435
Ion Ratio Lower Upper
91 100
106 29.4 24.0 36.0





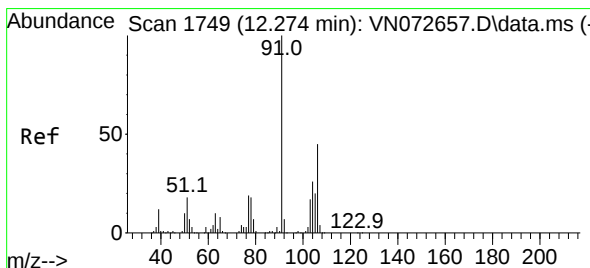
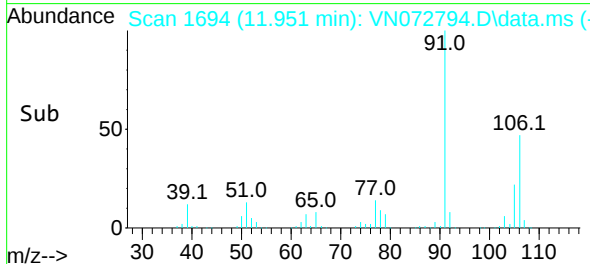
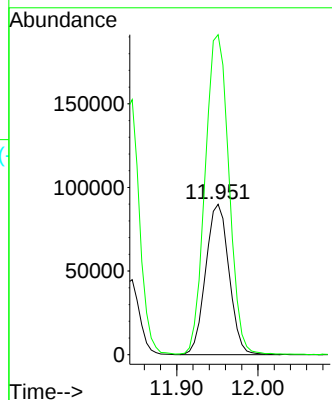
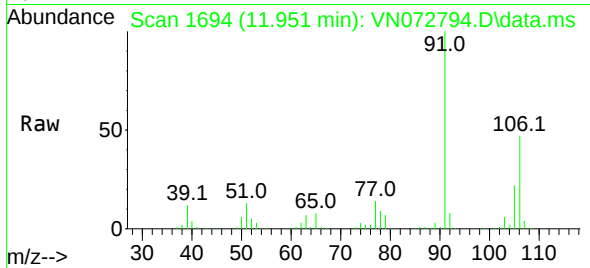
#67
m/p-Xylenes
Concen: 35.530 ug/l
RT: 11.951 min Scan# 11984
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:106 Resp: 179984
Ion Ratio Lower Upper
106 100
91 217.2 162.9 244.3

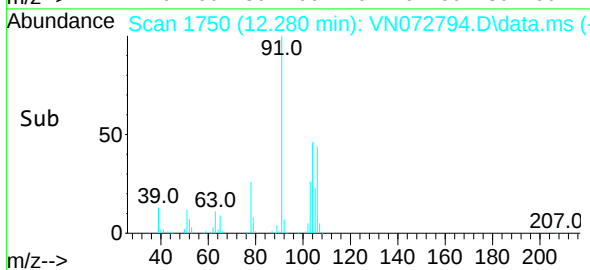
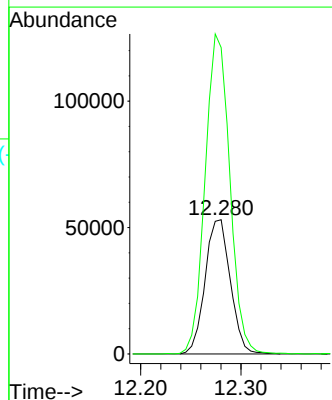
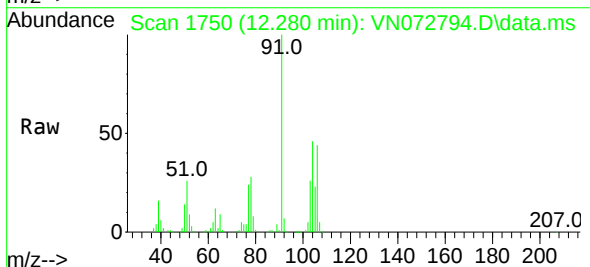
Manual Integrations
APPROVED

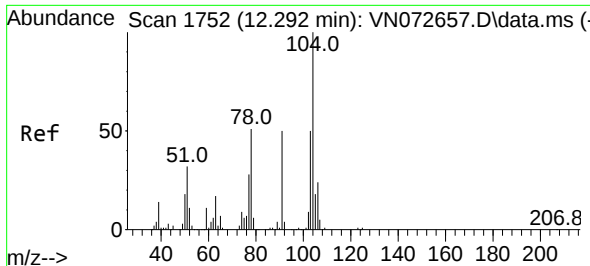
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#68
o-Xylene
Concen: 17.989 ug/l
RT: 12.280 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

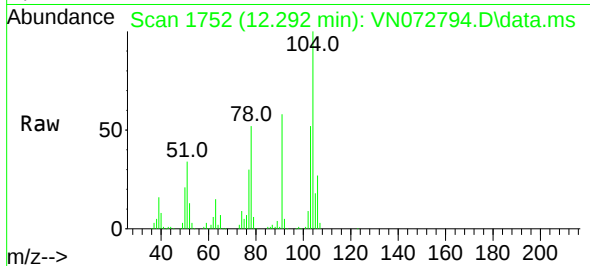
Tgt Ion:106 Resp: 92962
Ion Ratio Lower Upper
106 100
91 232.6 107.7 323.1





#69
Styrene
Concen: 17.875 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

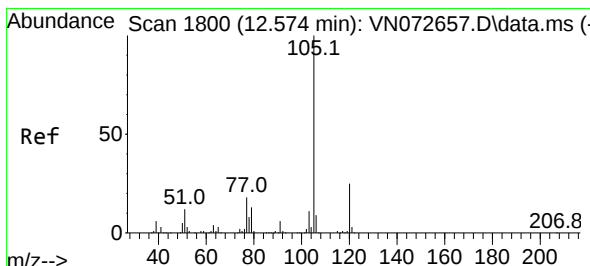
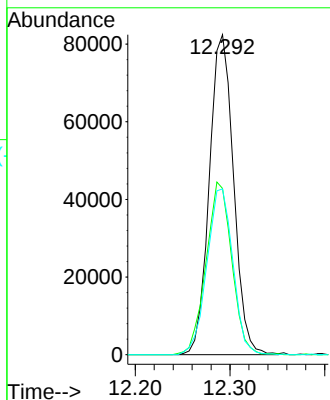
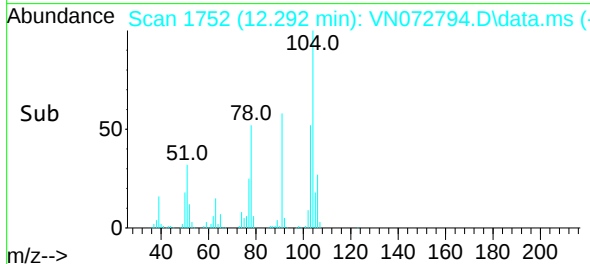
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



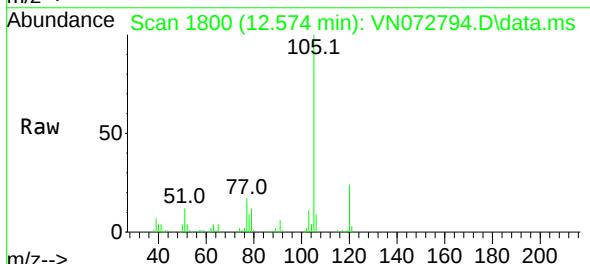
Tgt Ion:104 Resp: 14664
Ion Ratio Lower Upper
104 100
78 57.1 40.7 61.1
103 55.4 45.8 68.8

Manual Integrations
APPROVED

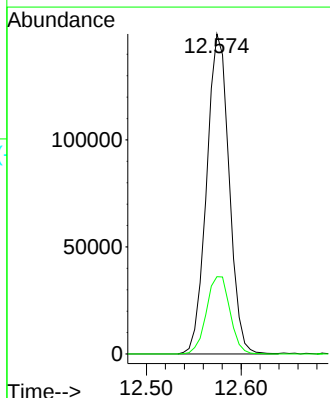
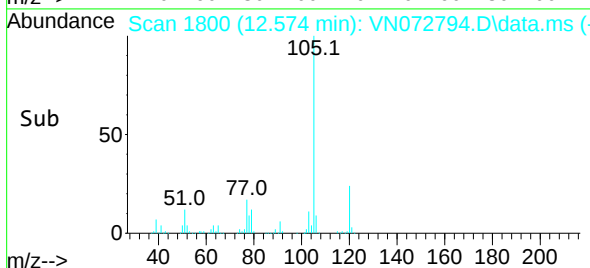
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

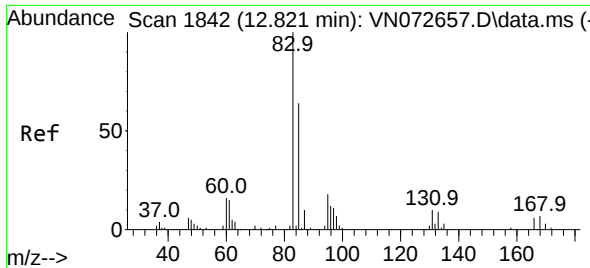


#70
Isopropylbenzene
Concen: 18.213 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43



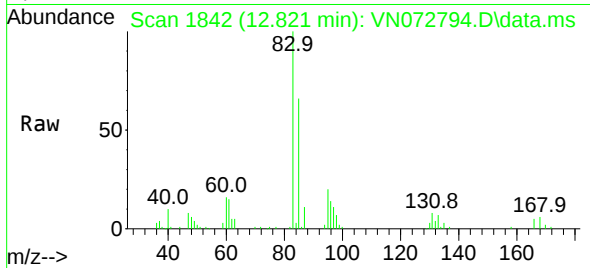
Tgt Ion:105 Resp: 245940
Ion Ratio Lower Upper
105 100
120 25.3 18.3 34.1





#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.830 ug/l
 RT: 12.821 min Scan# 1842
 Delta R.T. 0.000 min
 Lab File: VN072794.D
 Acq: 11 Jun 2022 17:43

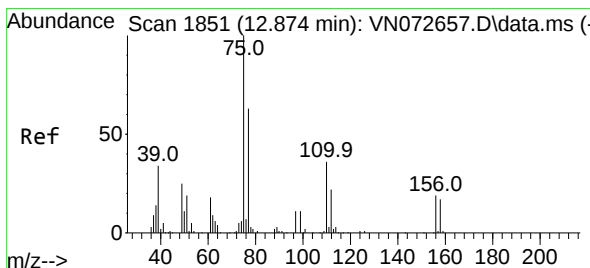
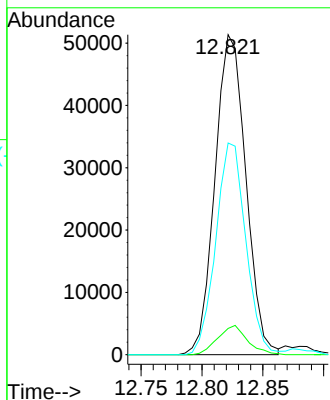
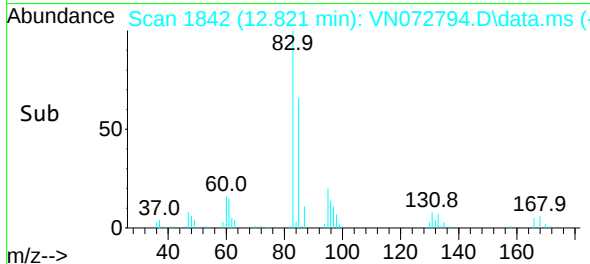
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 83 Resp: 90645
 Ion Ratio Lower Upper
 83 100
 131 8.8 5.1 15.3
 85 64.4 33.1 99.2

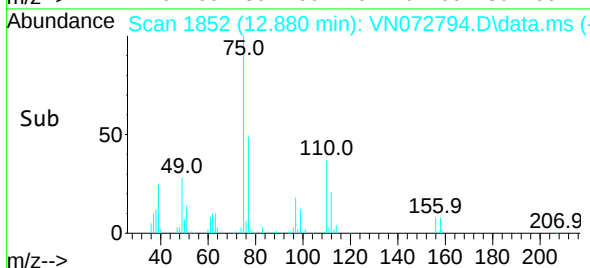
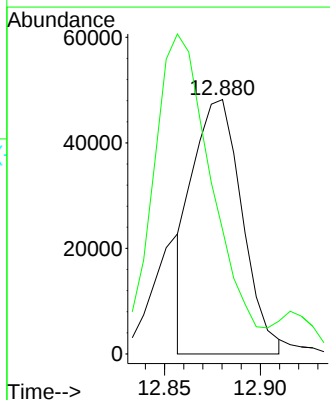
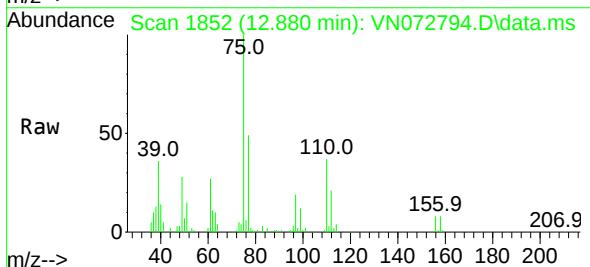
Manual Integrations
 APPROVED

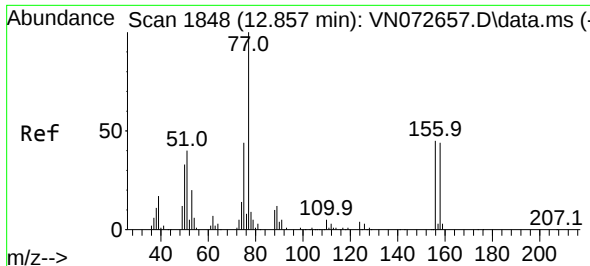
Reviewed By :John Carlone 06/13/2022
 Supervised By :Mahesh Dadoda 06/13/2022



#72
 1,2,3-Trichloropropane
 Concen: 21.827 ug/l m
 RT: 12.880 min Scan# 1852
 Delta R.T. 0.006 min
 Lab File: VN072794.D
 Acq: 11 Jun 2022 17:43

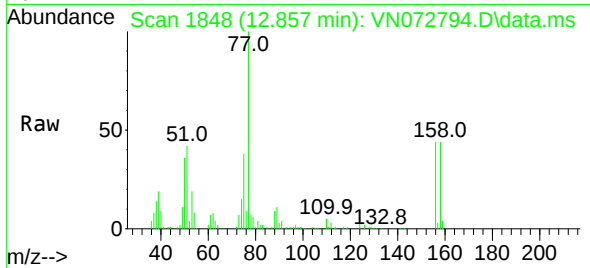
Tgt Ion: 75 Resp: 87074
 Ion Ratio Lower Upper
 75 100
 77 151.2 0.0 378.0





#73
Bromobenzene
Concen: 17.188 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

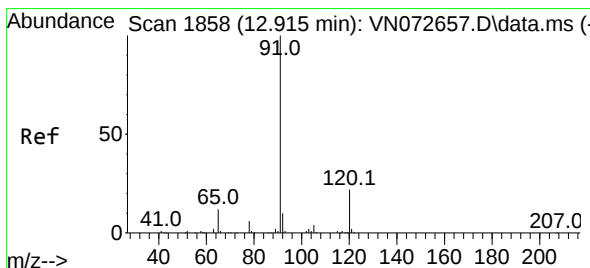
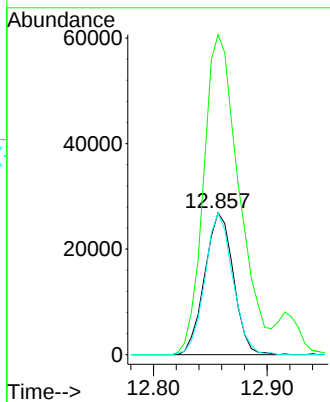
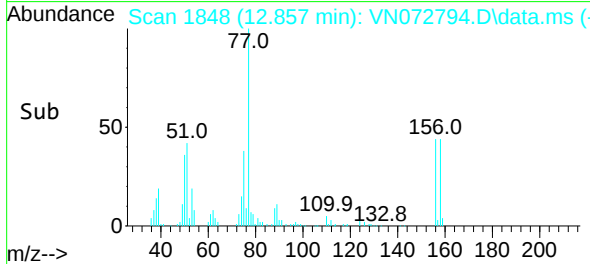
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



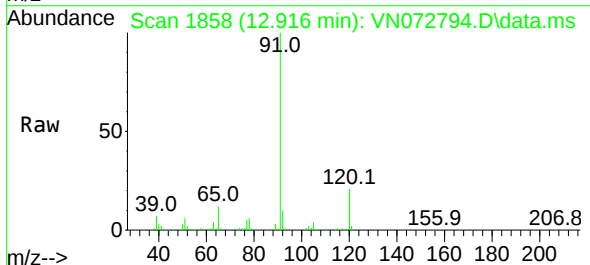
Tgt Ion:156 Resp: 47183
Ion Ratio Lower Upper
156 100
77 279.0 0.0 416.0
158 96.9 0.0 195.4

Manual Integrations
APPROVED

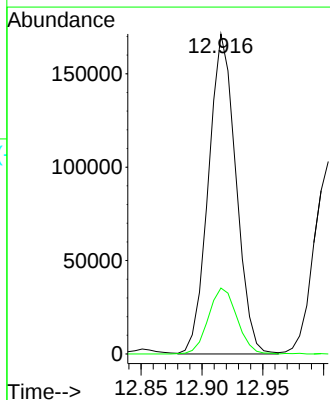
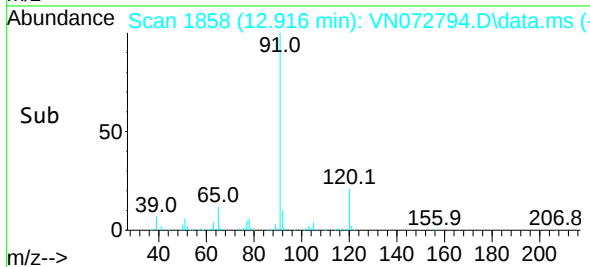
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

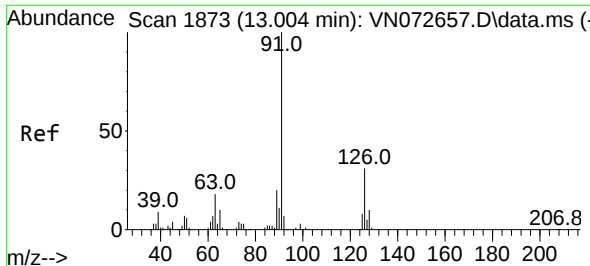


#74
n-propylbenzene
Concen: 17.438 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43



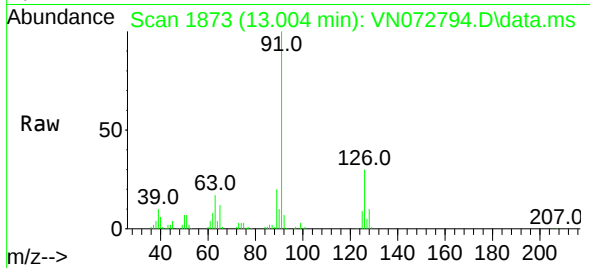
Tgt Ion: 91 Resp: 269461
Ion Ratio Lower Upper
91 100
120 21.3 0.0 45.0





#75
2-Chlorotoluene
Concen: 18.107 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

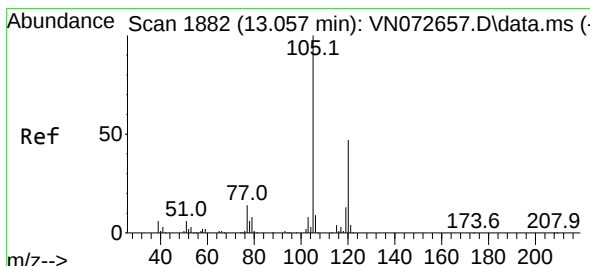
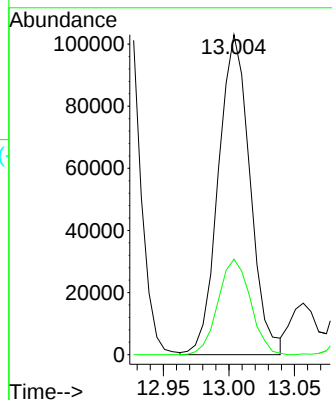
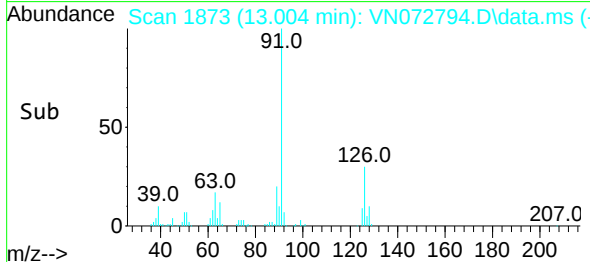
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



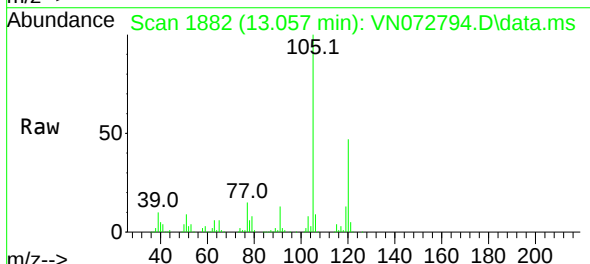
Tgt Ion: 91 Resp: 17343
Ion Ratio Lower Upper
91 100
126 30.3 0.0 69.8

Manual Integrations
APPROVED

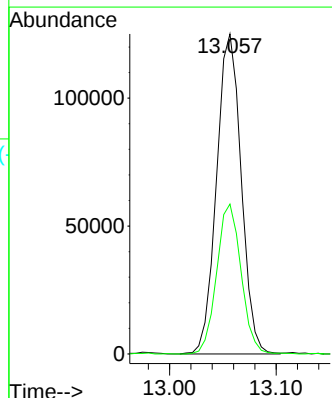
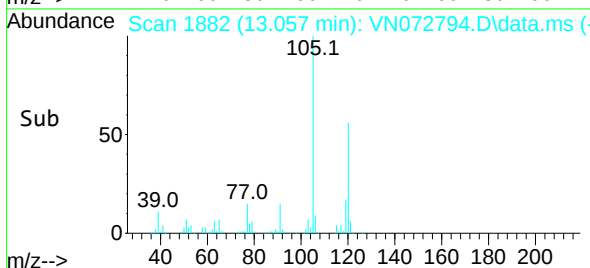
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

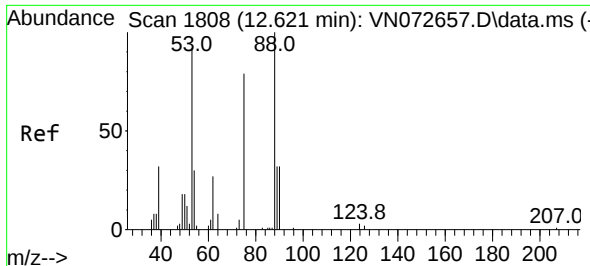


#76
1,3,5-Trimethylbenzene
Concen: 18.117 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43



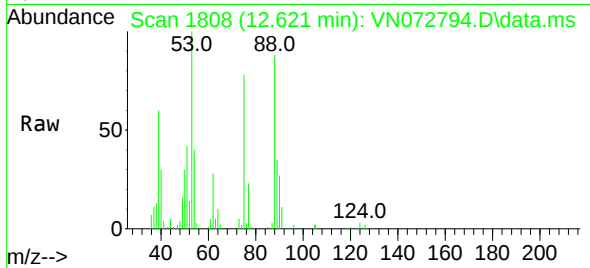
Tgt Ion:105 Resp: 200800
Ion Ratio Lower Upper
105 100
120 46.3 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 13.547 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

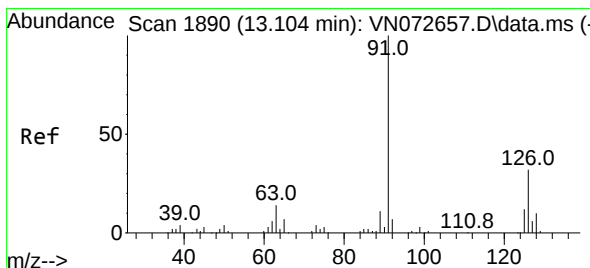
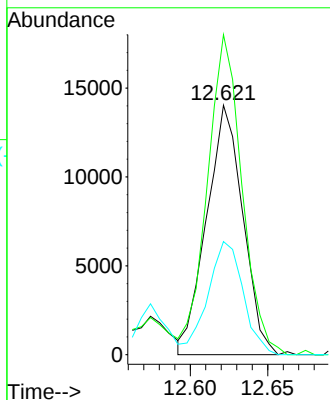
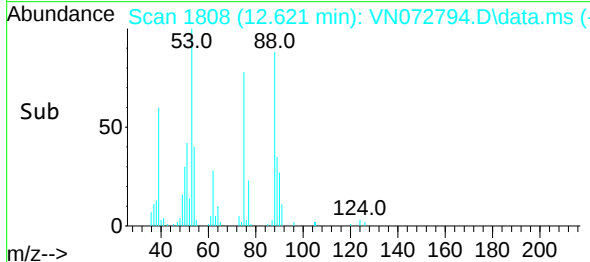
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 2277
Ion Ratio Lower Upper
75 100
53 125.4 51.8 155.5
89 45.4 22.9 68.7

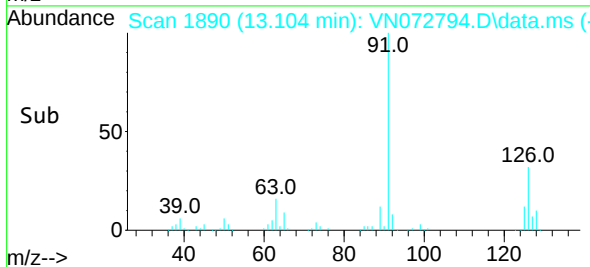
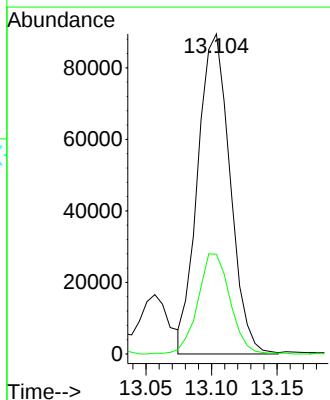
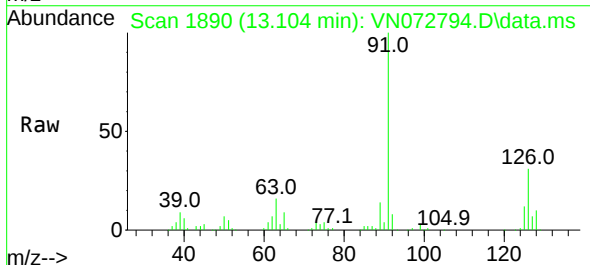
Manual Integrations
APPROVED

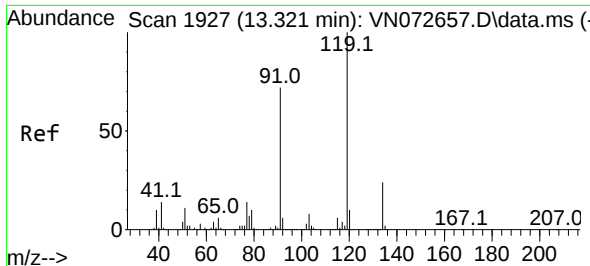
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#78
4-Chlorotoluene
Concen: 16.938 ug/l
RT: 13.104 min Scan# 1890
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

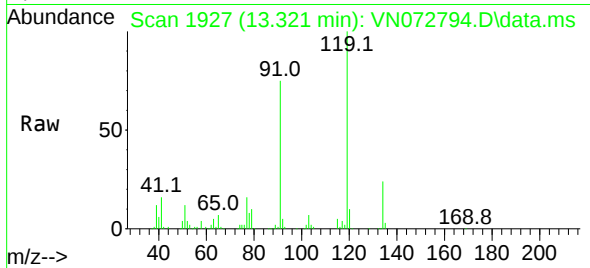
Tgt Ion: 91 Resp: 153268
Ion Ratio Lower Upper
91 100
126 31.3 0.0 70.6





#79
tert-butylbenzene
Concen: 17.793 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

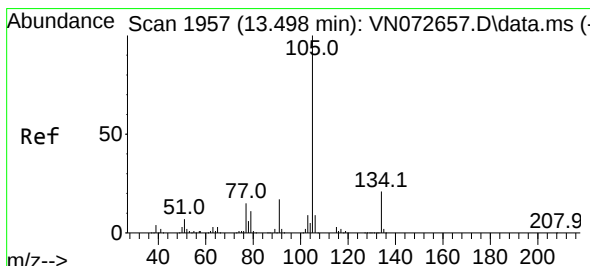
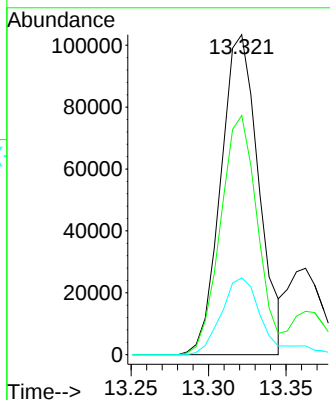
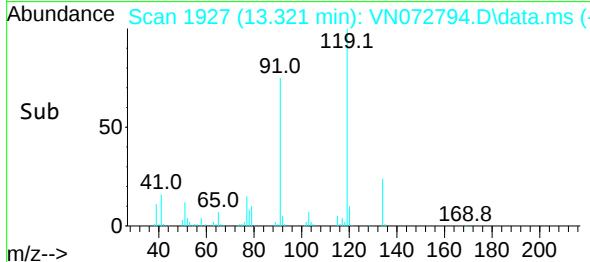
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



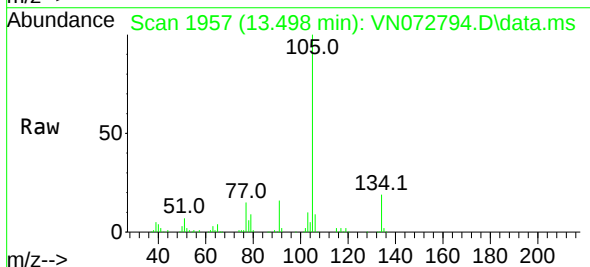
Tgt Ion:119 Resp: 17606
Ion Ratio Lower Upper
119 100
91 72.3 0.0 137.0
134 24.3 0.0 47.6

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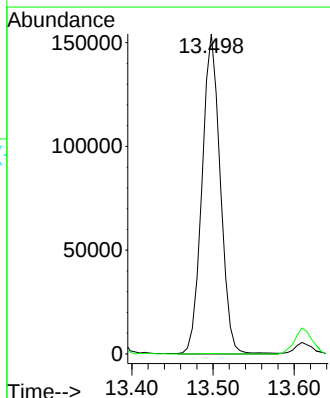
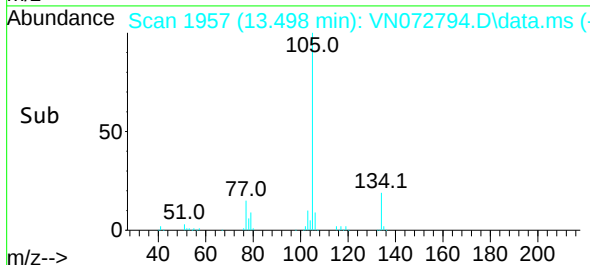
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

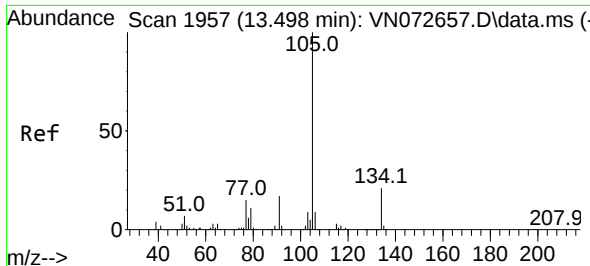


#80
1,2,4-Trimethylbenzene
Concen: 17.992 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43



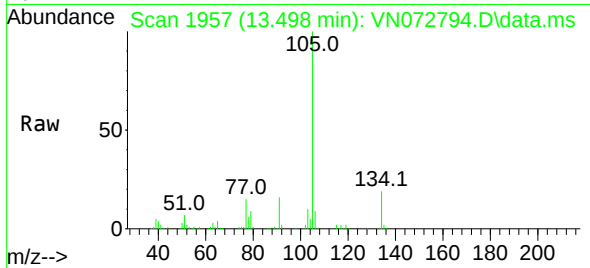
Tgt Ion:105 Resp: 240452
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 17.992 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072794.D
 Acq: 11 Jun 2022 17:43

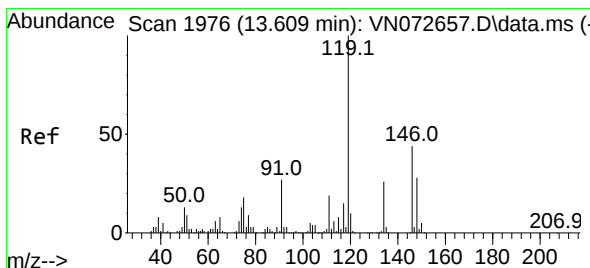
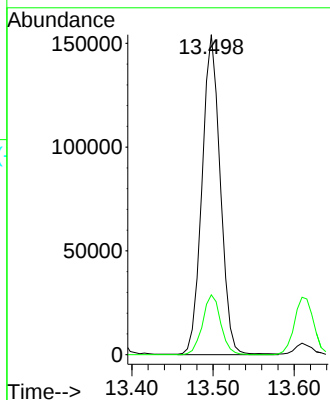
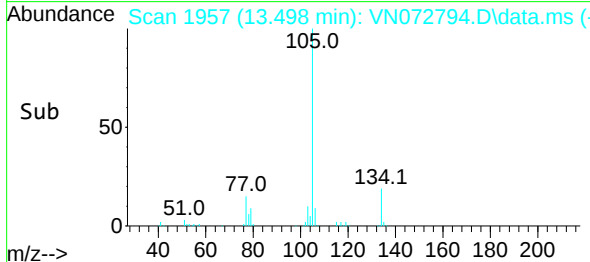
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



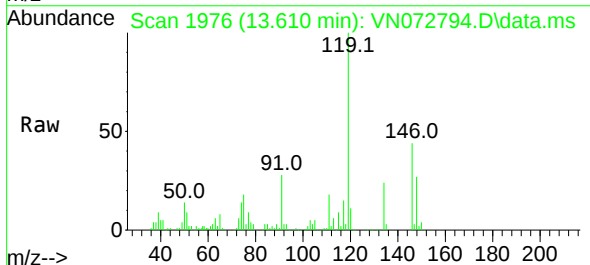
Tgt Ion:105 Resp: 240452
 Ion Ratio Lower Upper
 105 100
 134 18.6 0.0 39.4

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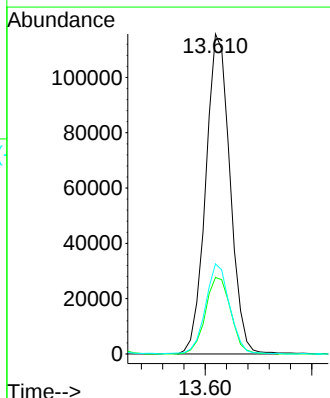
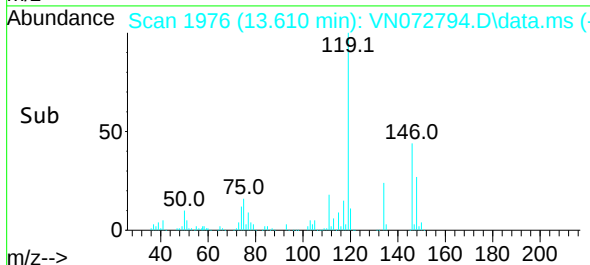
Reviewed By :John Carlone 06/13/2022
 Supervised By :Mahesh Dadoda 06/13/2022

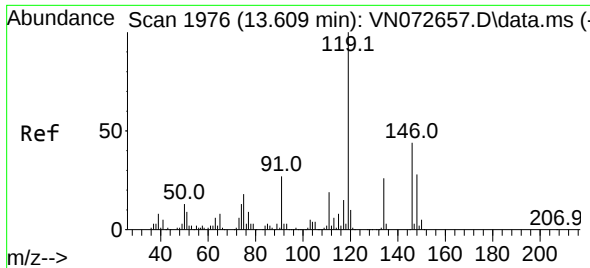


#82
 p-Isopropyltoluene
 Concen: 17.197 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072794.D
 Acq: 11 Jun 2022 17:43



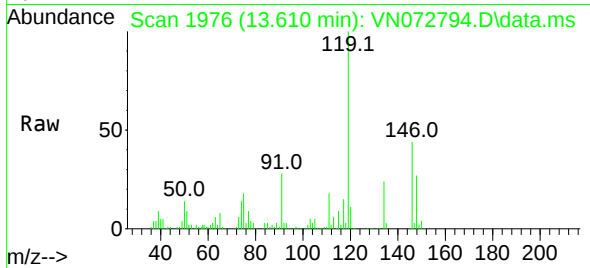
Tgt Ion:119 Resp: 183470
 Ion Ratio Lower Upper
 119 100
 134 24.9 0.0 51.8
 91 28.0 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 17.137 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

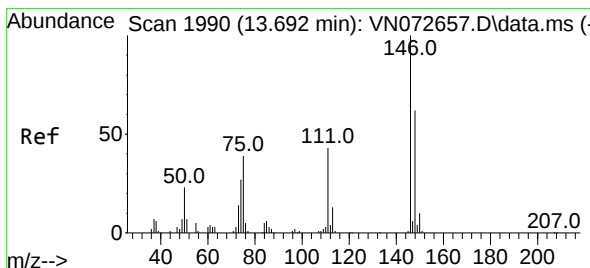
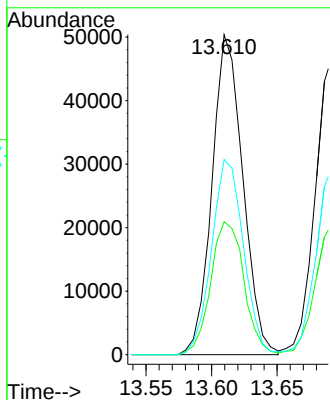
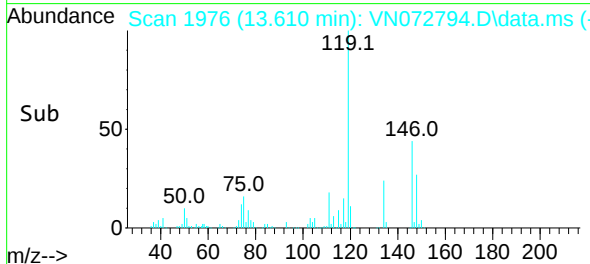
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



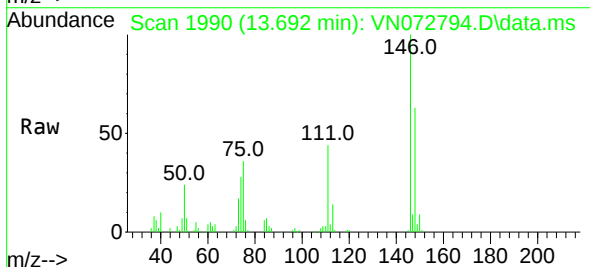
Tgt Ion:146 Resp: 82350
Ion Ratio Lower Upper
146 100
111 44.8 20.8 62.2
148 63.1 31.4 94.3

Manual Integrations
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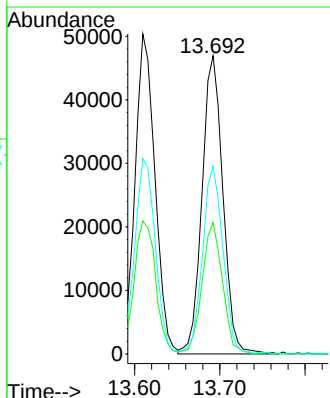
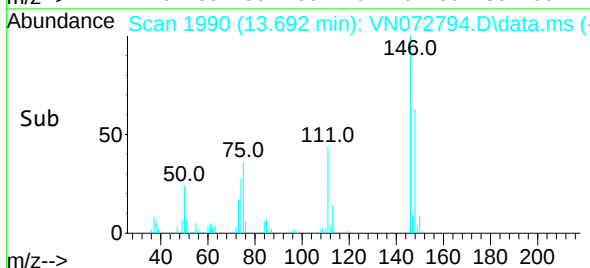
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

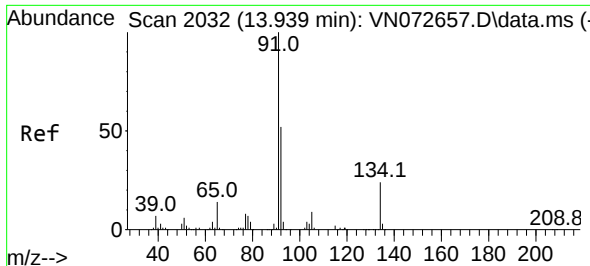


#84
1,4-Dichlorobenzene
Concen: 17.118 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43



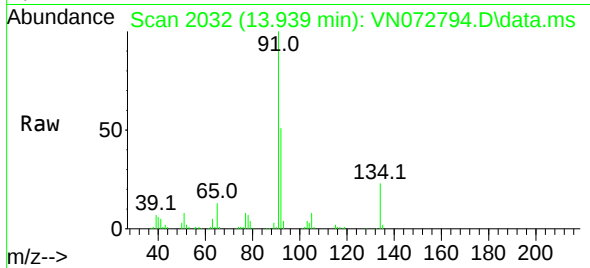
Tgt Ion:146 Resp: 79874
Ion Ratio Lower Upper
146 100
111 43.2 19.5 58.5
148 61.8 31.1 93.5





#85
n-Butylbenzene
Concen: 16.125 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

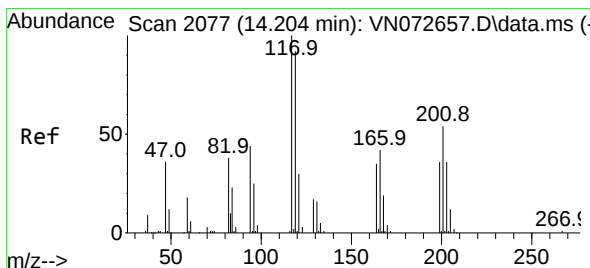
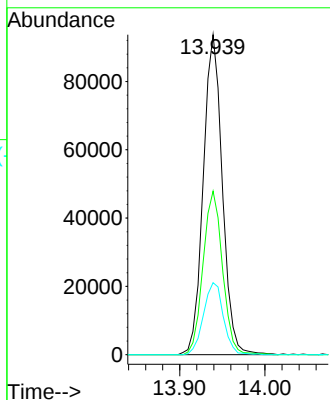
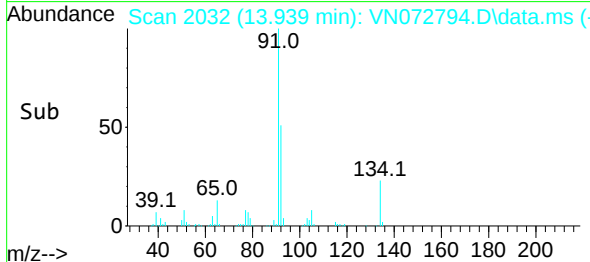
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 145864
Ion Ratio Lower Upper
91 100
92 52.0 0.0 100.6
134 23.3 0.0 50.2

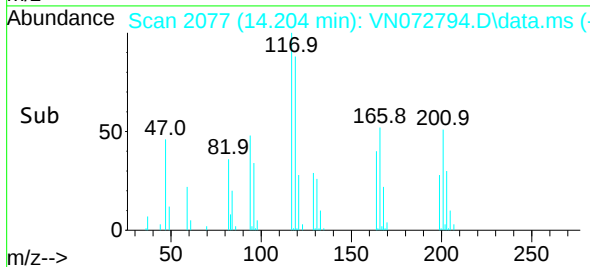
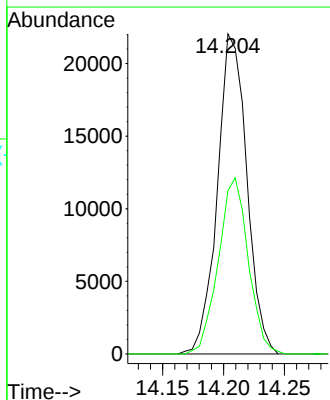
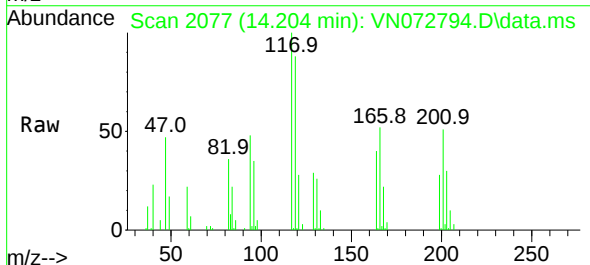
Manual Integrations
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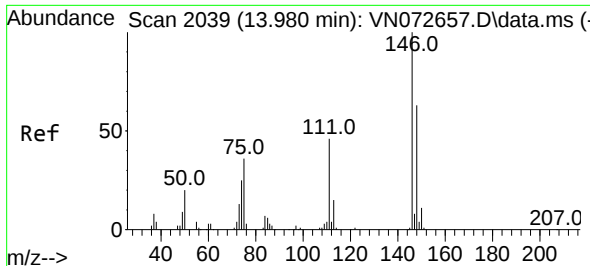
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#86
Hexachloroethane
Concen: 15.695 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

Tgt Ion:117 Resp: 37053
Ion Ratio Lower Upper
117 100
201 56.0 33.3 99.8





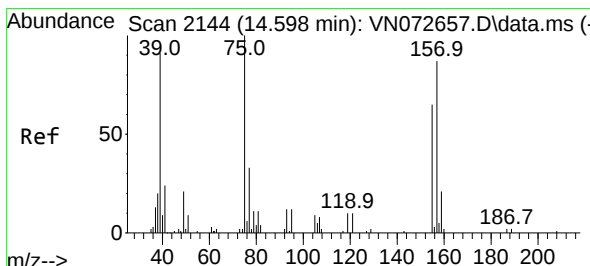
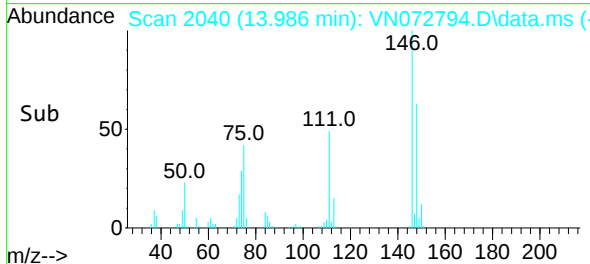
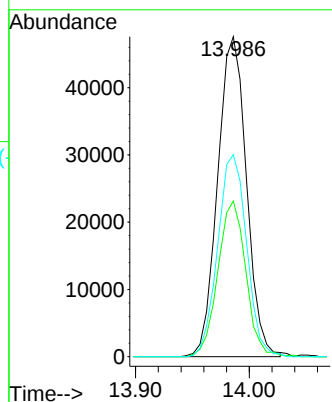
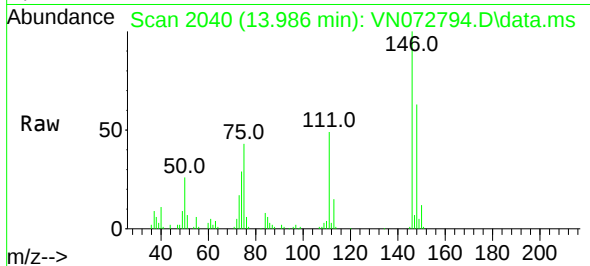
#87
1,2-Dichlorobenzene
Concen: 17.613 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:146 Resp: 8376
Ion Ratio Lower Upper
146 100
111 47.1 21.4 64.2
148 63.4 32.5 97.4

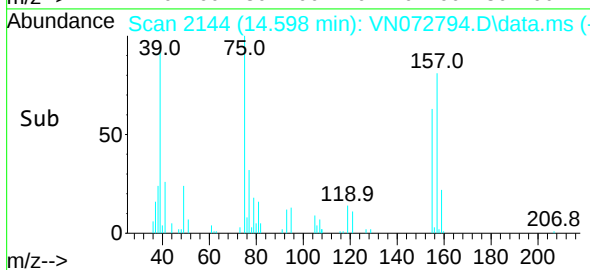
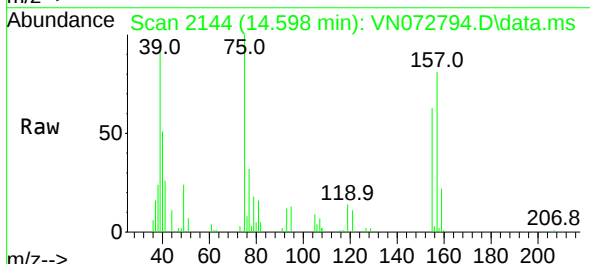
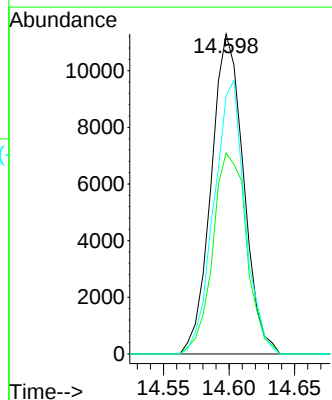
Manual Integrations
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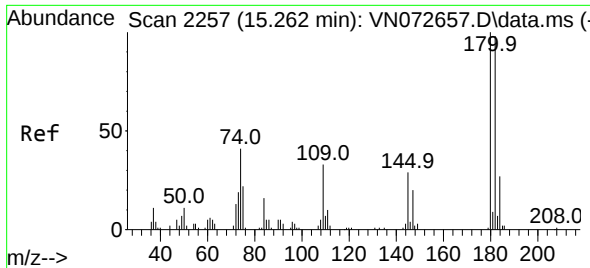
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 16.878 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

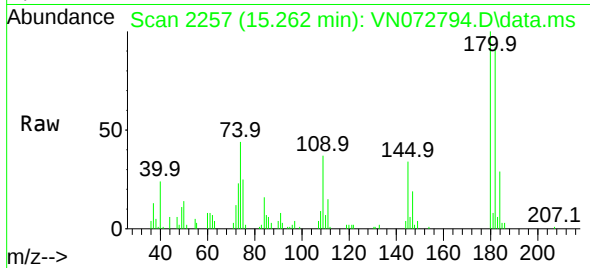
Tgt Ion: 75 Resp: 19344
Ion Ratio Lower Upper
75 100
155 65.8 63.8 95.8
157 81.7 77.9 116.9





#89
1,2,4-Trichlorobenzene
Concen: 15.409 ug/l
RT: 15.262 min Scan# 2257
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

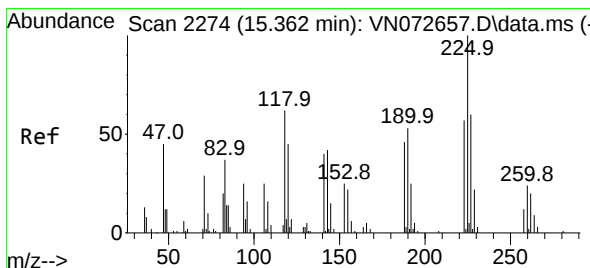
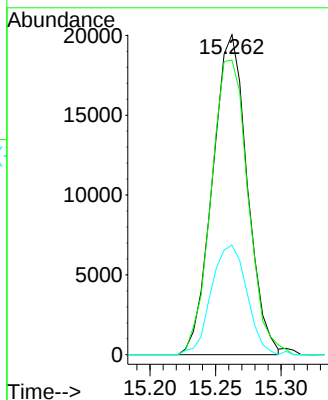
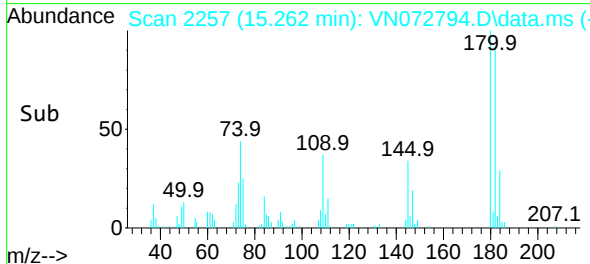
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



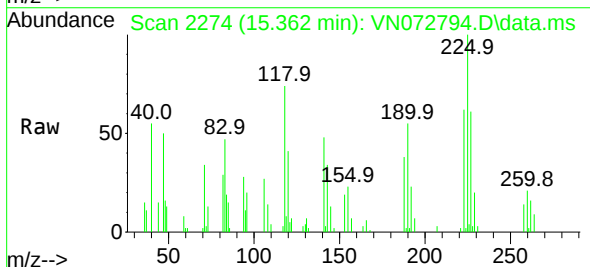
Tgt Ion:180 Resp: 36930
Ion Ratio Lower Upper
180 100
182 97.5 77.7 116.5
145 34.8 26.6 39.8

Manual Integrations
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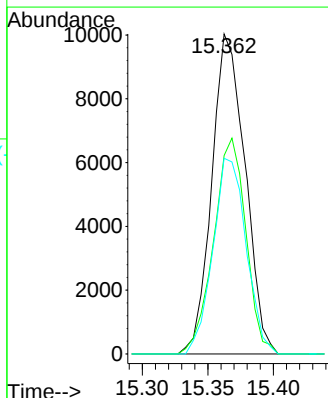
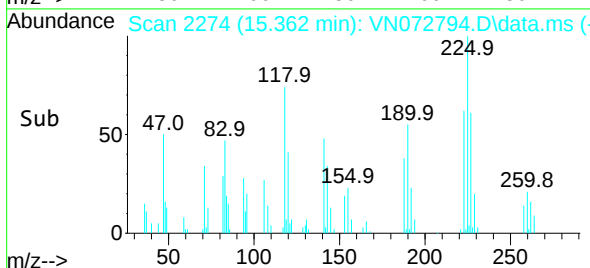
Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022

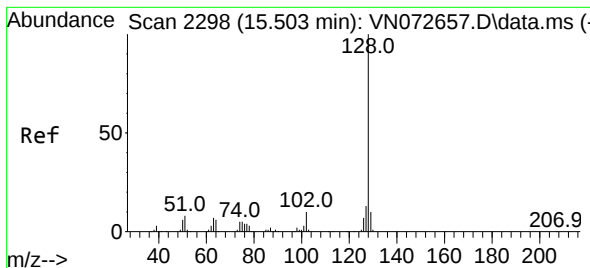


#90
Hexachlorobutadiene
Concen: 16.465 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43



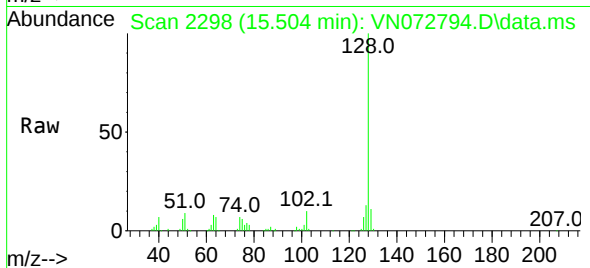
Tgt Ion:225 Resp: 17704
Ion Ratio Lower Upper
225 100
223 65.4 0.0 126.8
227 61.2 0.0 123.0





#91
Naphthalene
Concen: 16.564 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

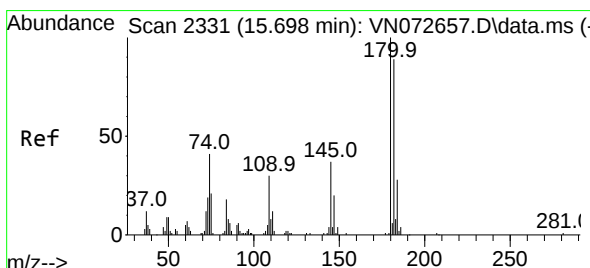
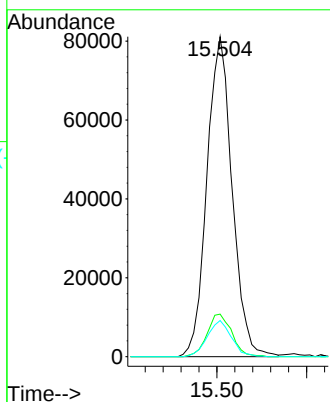
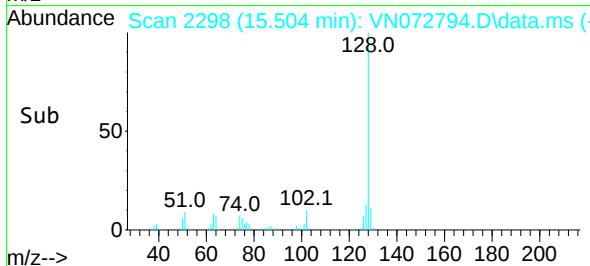
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:128 Resp: 15840
Ion Ratio Lower Upper
128 100
127 13.0 10.7 16.1
129 10.8 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/13/2022
Supervised By :Mahesh Dadoda 06/13/2022



#92
1,2,3-Trichlorobenzene
Concen: 16.245 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN072794.D
Acq: 11 Jun 2022 17:43

Tgt Ion:180 Resp: 39610
Ion Ratio Lower Upper
180 100
182 93.0 0.0 190.0
145 37.8 0.0 67.8

