

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060722\
 Data File : VN072693.D
 Acq On : 07 Jun 2022 17:30
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/08/2022
 Supervised By : Mahesh Dadoda 06/08/2022

Quant Time: Jun 08 09:53:31 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	34338	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.963	114	210053	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.739	117	191109	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.434	65	120651	30.808	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 102.700%			
60) 4-Bromofluorobenzene	12.727	95	110748	28.175	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 93.933%			
63) Toluene-d8	10.439	98	320283	30.254	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 100.833%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	49131	19.100	ug/l	94
3) Chloromethane	2.293	50	52720	18.847	ug/l	98
4) Vinyl Chloride	2.434	62	50013	19.829	ug/l	99
5) Bromomethane	2.846	94	23928	18.346	ug/l	96
6) Chloroethane	3.016	64	36205	21.529	ug/l	99
7) Trichlorofluoromethane	3.363	101	86291	18.925	ug/l	96
8) Diethyl Ether	3.816	74	33120	18.735	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.204	101	46955	19.548	ug/l	75
10) 1,1-Dichloroethene	4.181	96	42237	18.617	ug/l	85
11) Methyl Iodide	4.422	142	41676	18.348	ug/l	96
12) Methyl Acetate	4.851	43	95880	20.484	ug/l	93
13) Acrolein	4.040	56	37609	91.788	ug/l	100
14) Acrylonitrile	5.545	53	195430	102.427	ug/l	99
15) Acetone	4.281	58	51386	99.470	ug/l	90
16) Carbon Disulfide	4.522	76	99218	17.348	ug/l	98
17) Allyl chloride	4.834	41	93258	19.028	ug/l	90
18) Methylene Chloride	5.087	84	54876	19.264	ug/l	95
19) trans-1,2-Dichloroethene	5.593	96	44895	18.286	ug/l	# 78
20) Diisopropyl ether	6.487	45	197121	20.309	ug/l	94
21) 1,1-Dichloroethane	6.387	63	106751	19.796	ug/l	97
22) cis-1,2-Dichloroethene	7.322	96	58166	18.914	ug/l	88
23) tert-Butyl Alcohol	5.363	59	85940	96.791	ug/l	# 100
24) Methyl tert-Butyl Ether	5.616	73	194896	19.316	ug/l	95
25) Chloroform	7.816	83	108004	19.497	ug/l	99
26) Cyclohexane	8.092	56	86337	19.203	ug/l	# 93
29) 1,1-Dichloropropene	8.216	75	73080	18.251	ug/l	96
30) 2-Butanone	7.334	43	283455	97.818	ug/l	94
31) 2,2-Dichloropropane	7.316	77	93515	17.254	ug/l	96
32) 1,1,1-Trichloroethane	8.010	97	96148	18.352	ug/l	96
33) Carbon Tetrachloride	8.204	117	79427	17.580	ug/l	94
34) Benzene	8.457	78	224612	18.961	ug/l	97
35) Methacrylonitrile	7.628	41	57163	20.118	ug/l	91
36) 1,2-Dichloroethane	8.528	62	93453	18.673	ug/l	100
37) Trichloroethene	9.216	130	53188	18.625	ug/l	88
38) Methylcyclohexane	9.457	83	88954	18.609	ug/l	93
39) 1,2-Dichloropropane	9.486	63	61962	19.039	ug/l	100
40) Dibromomethane	9.575	93	42305	18.936	ug/l	93
41) Bromodichloromethane	9.757	83	89278	18.682	ug/l	# 96
42) Vinyl Acetate	6.428	43	895967	94.973	ug/l	98

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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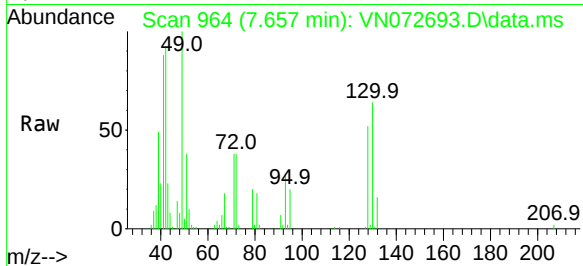
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.404	43	103418	18.627	ug/l #	80
44) Isopropyl Acetate	8.557	43	174470	18.945	ug/l	97
45) 1,4-Dioxane	9.563	88	30562	403.823	ug/l	89
46) Methyl methacrylate	9.557	41	73945	17.957	ug/l	88
47) n-amyl Acetate	12.386	43	122798	17.416	ug/l	98
48) t-1,3-Dichloropropene	10.716	75	94446	17.314	ug/l	99
49) cis-1,3-Dichloropropene	10.186	75	98604	17.802	ug/l	100
50) 1,1,2-Trichloroethane	10.892	97	58241	18.439	ug/l	95
51) Ethyl methacrylate	10.757	69	104927	18.340	ug/l	92
52) 1,3-Dichloropropane	11.039	76	107573	19.138	ug/l	98
53) Dibromochloromethane	11.233	129	62268	17.868	ug/l	99
54) 1,2-Dibromoethane	11.345	107	61913	18.642	ug/l	98
55) 2-Chloroethyl vinyl ether	10.039	63	221281	98.752	ug/l	98
56) Bromoform	12.457	173	43313	17.838	ug/l #	100
58) 4-Methyl-2-Pentanone	10.327	43	572912	99.949	ug/l	98
59) 2-Hexanone	11.080	43	430322	99.022	ug/l	99
61) Tetrachloroethene	10.975	164	47252	19.979	ug/l	96
62) Toluene	10.504	91	247891	19.130	ug/l	97
64) Chlorobenzene	11.769	112	146468	18.565	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.839	131	59065	18.989	ug/l	99
66) Ethyl Benzene	11.839	91	282983	19.021	ug/l	99
67) m/p-Xylenes	11.951	106	203644	37.529	ug/l	94
68) o-Xylene	12.274	106	105049	18.977	ug/l	95
69) Styrene	12.292	104	160552	18.270	ug/l	95
70) Isopropylbenzene	12.574	105	272727	18.854	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.821	83	96970	19.804	ug/l	97
72) 1,2,3-Trichloropropane	12.874	75	93830m	21.958	ug/l	
73) Bromobenzene	12.857	156	53072	18.048	ug/l	71
74) n-propylbenzene	12.916	91	304133	18.374	ug/l	98
75) 2-Chlorotoluene	13.004	91	195205	19.026	ug/l	91
76) 1,3,5-Trimethylbenzene	13.057	105	224349	18.896	ug/l	100
77) t-1,4-Dichloro-2-butene	12.627	75	30589	16.984	ug/l	88
78) 4-Chlorotoluene	13.098	91	173213	17.870	ug/l	92
79) tert-butylbenzene	13.321	119	192964	18.205	ug/l	95
80) 1,2,4-Trimethylbenzene	13.498	105	265110	18.519	ug/l	100
81) sec-Butylbenzene	13.498	105	265110	18.519	ug/l	100
82) p-Isopropyltoluene	13.610	119	211895	18.542	ug/l	98
83) 1,3-Dichlorobenzene	13.610	146	95611	18.573	ug/l	99
84) 1,4-Dichlorobenzene	13.692	146	89880	17.982	ug/l	96
85) n-Butylbenzene	13.939	91	170645	17.611	ug/l	95
86) Hexachloroethane	14.210	117	44834	17.729	ug/l	89
87) 1,2-Dichlorobenzene	13.986	146	92206	18.098	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.598	75	21932	17.864	ug/l	87
89) 1,2,4-Trichlorobenzene	15.262	180	45069	17.555	ug/l	94
90) Hexachlorobutadiene	15.368	225	21458	18.630	ug/l	97
91) Naphthalene	15.504	128	170809	16.674	ug/l	98
92) 1,2,3-Trichlorobenzene	15.698	180	44988	17.225	ug/l	98

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



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.657 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

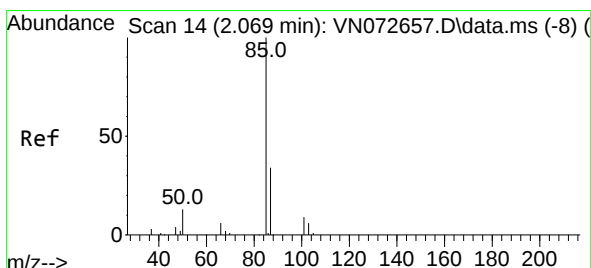
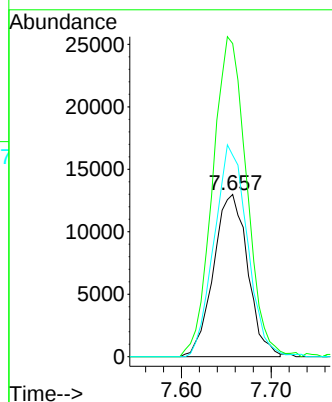
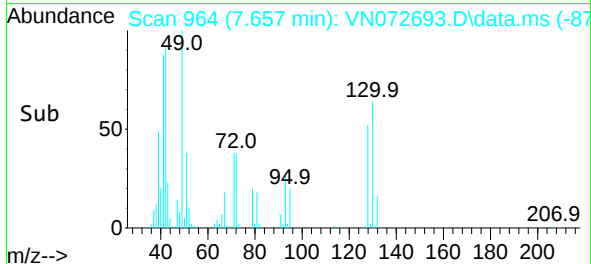
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 128 Resp: 34338
Ion Ratio Lower Upper
128 100
49 195.2 0.0 392.3
130 126.6 0.0 320.2

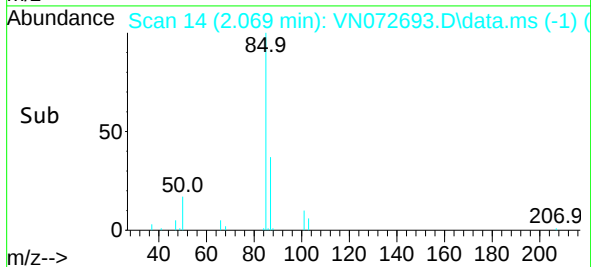
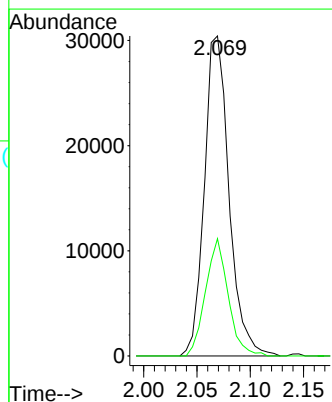
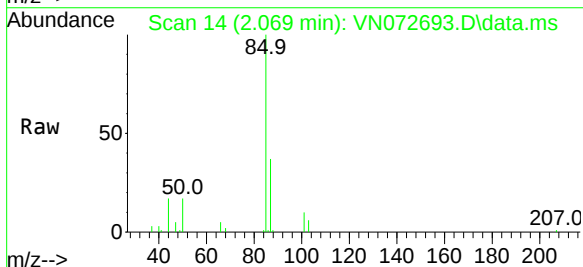
Manual Integrations
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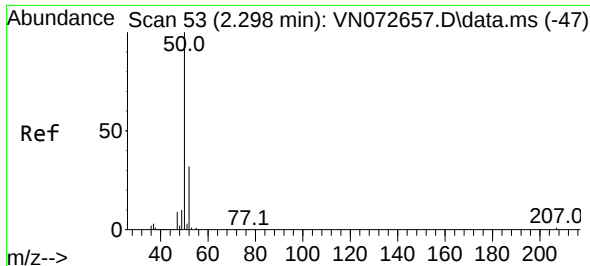
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#2
Dichlorodifluoromethane
Concen: 19.100 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

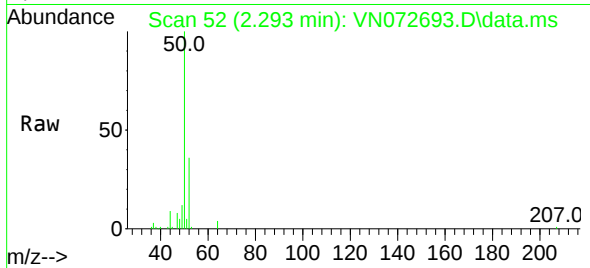
Tgt Ion: 85 Resp: 49131
Ion Ratio Lower Upper
85 100
87 36.7 16.6 49.7





#3
Chloromethane
Concen: 18.847 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

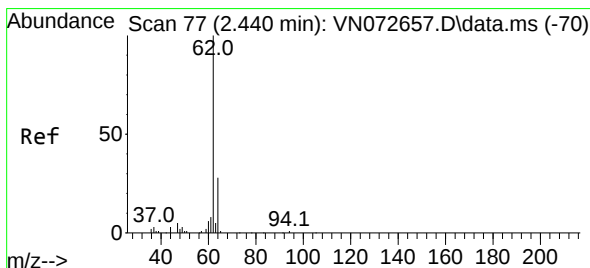
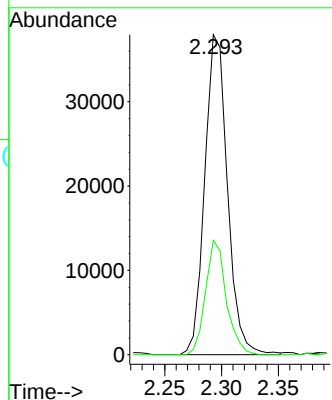
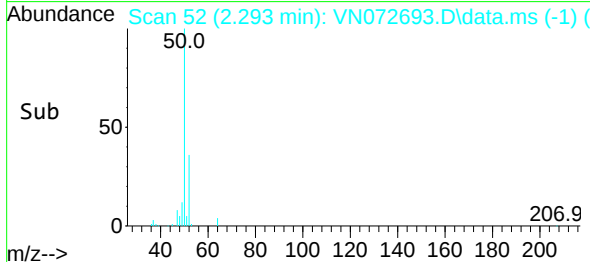
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 50 Resp: 52720
Ion Ratio Lower Upper
50 100
52 35.7 27.8 41.6

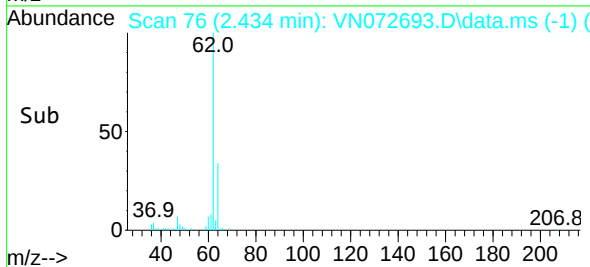
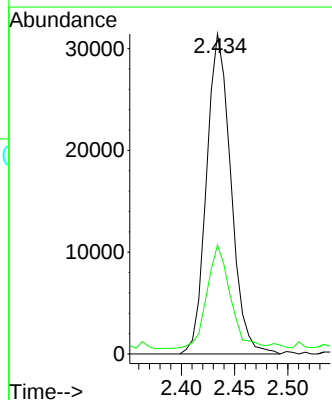
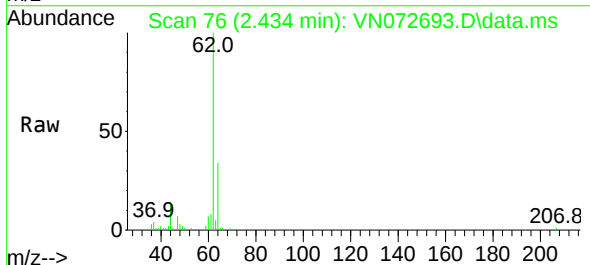
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Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#4
Vinyl Chloride
Concen: 19.829 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.006 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

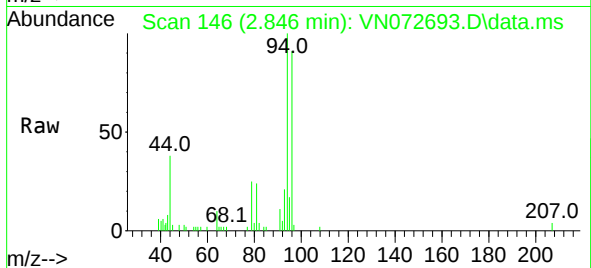
Tgt Ion: 62 Resp: 50013
Ion Ratio Lower Upper
62 100
64 32.1 25.1 37.7





#5
Bromomethane
Concen: 18.346 ug/l
RT: 2.846 min Scan# 147
Delta R.T. -0.006 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

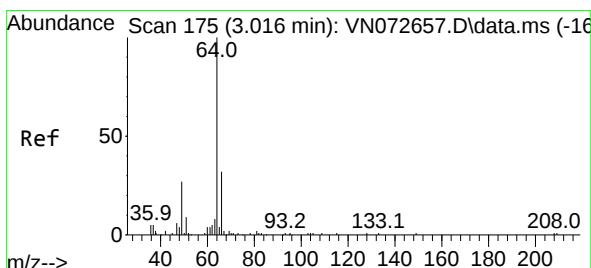
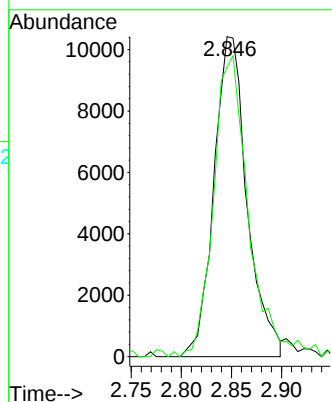
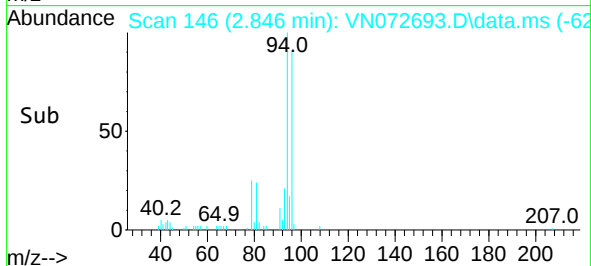
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 94 Resp: 23928
Ion Ratio Lower Upper
94 100
96 90.6 75.2 112.8

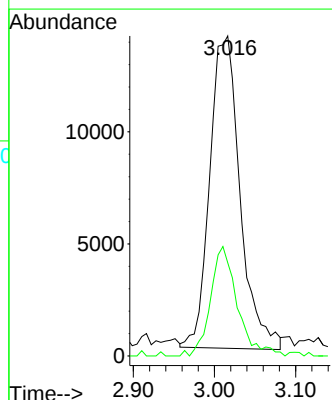
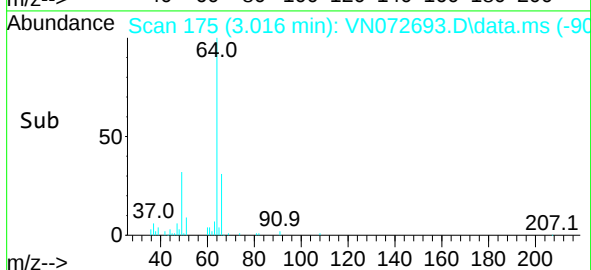
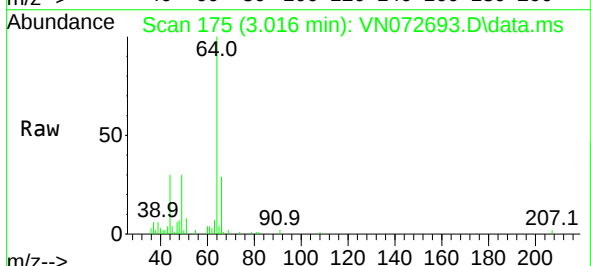
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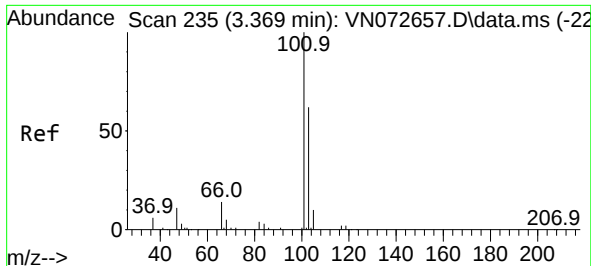
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#6
Chloroethane
Concen: 21.529 ug/l
RT: 3.016 min Scan# 175
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

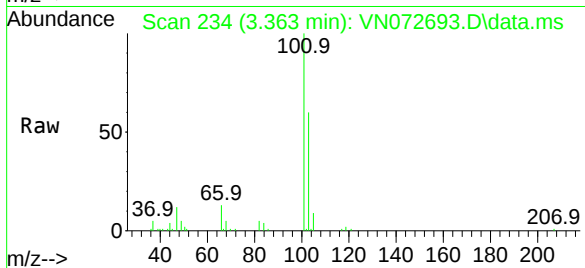
Tgt Ion: 64 Resp: 36205
Ion Ratio Lower Upper
64 100
66 30.3 24.6 36.8





#7
 Trichlorofluoromethane
 Concen: 18.925 ug/l
 RT: 3.363 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN072693.D
 Acq: 07 Jun 2022 17:30

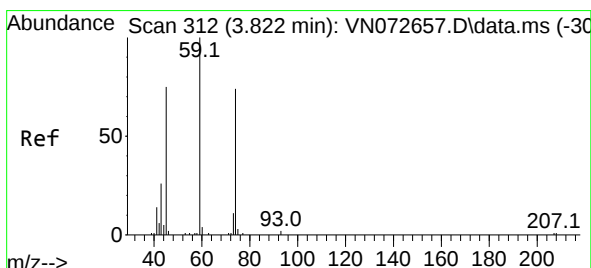
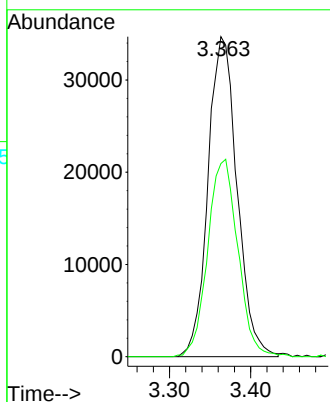
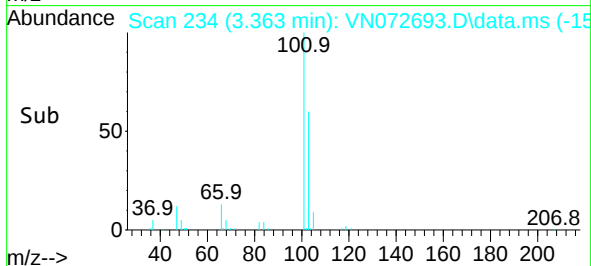
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion:101 Resp: 8629
 Ion Ratio Lower Upper
 101 100
 103 59.8 50.1 75.1

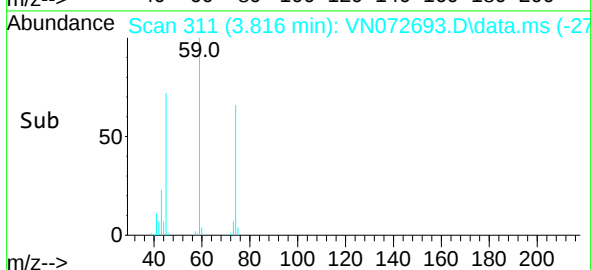
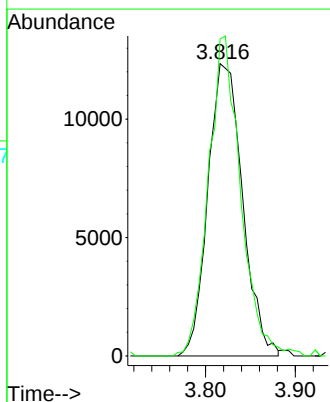
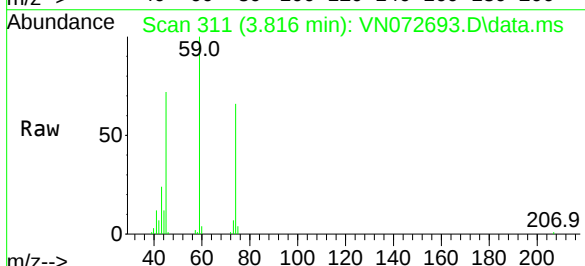
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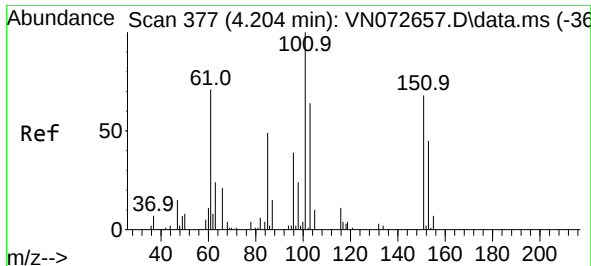
Reviewed By :John Carlone 06/08/2022
 Supervised By :Mahesh Dadoda 06/08/2022



#8
 Diethyl Ether
 Concen: 18.735 ug/l
 RT: 3.816 min Scan# 311
 Delta R.T. -0.006 min
 Lab File: VN072693.D
 Acq: 07 Jun 2022 17:30

Tgt Ion: 74 Resp: 33120
 Ion Ratio Lower Upper
 74 100
 45 101.1 17.6 158.8





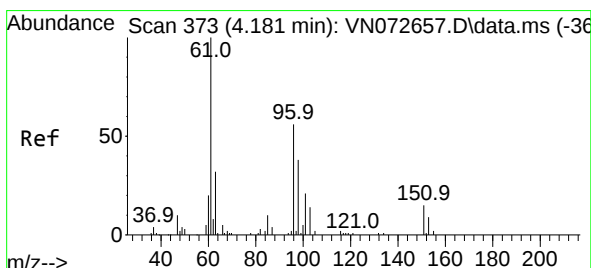
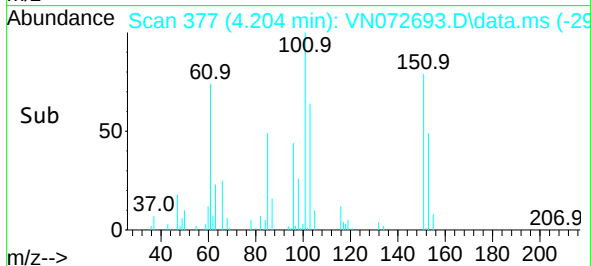
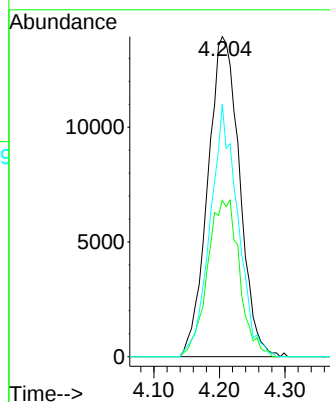
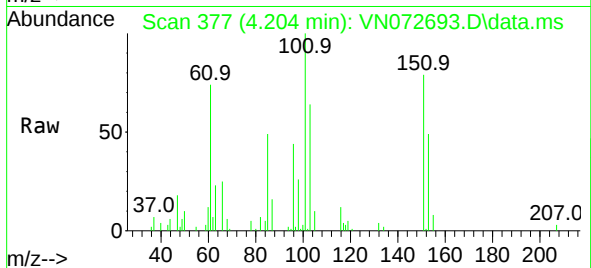
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.548 ug/l
RT: 4.204 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:101 Resp: 4695
Ion Ratio Lower Upper
101 100
85 49.1 0.0 94.0
151 68.5 0.0 74.6

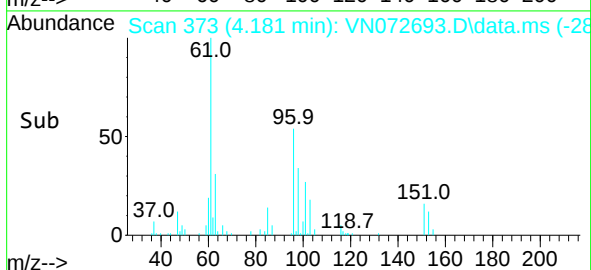
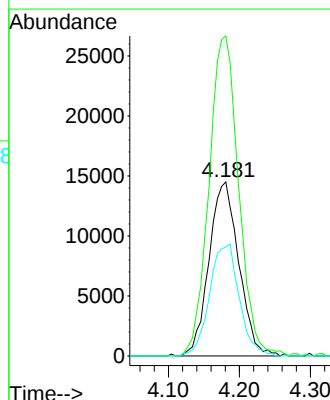
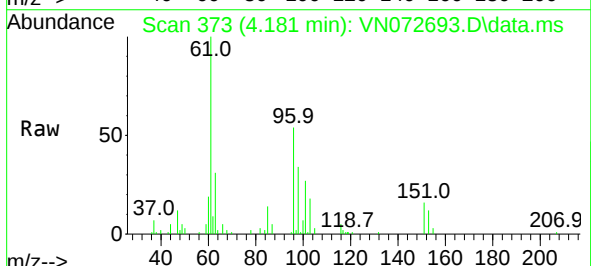
Manual Integrations
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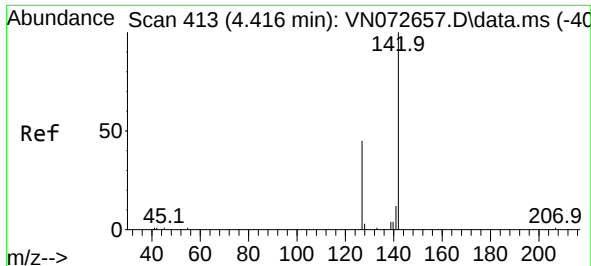
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#10
1,1-Dichloroethene
Concen: 18.617 ug/l
RT: 4.181 min Scan# 373
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

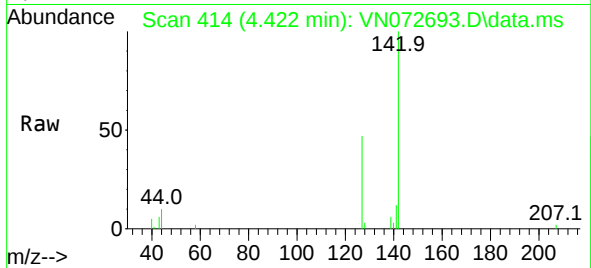
Tgt Ion: 96 Resp: 42237
Ion Ratio Lower Upper
96 100
61 183.8 126.2 189.4
98 62.5 50.9 76.3





#11
Methyl Iodide
Concen: 18.348 ug/l
RT: 4.422 min Scan# 413
Delta R.T. 0.006 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

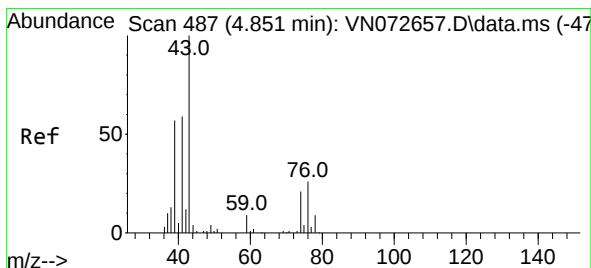
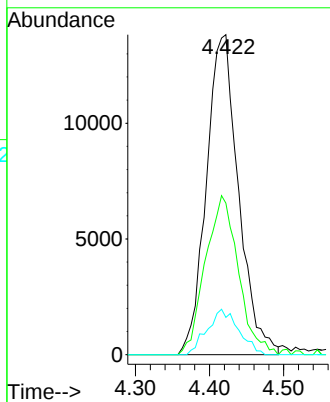
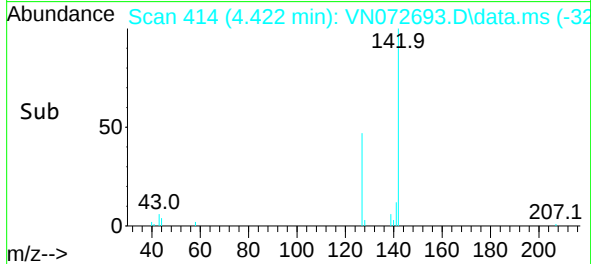
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:142 Resp: 41670
Ion Ratio Lower Upper
142 100
127 47.9 24.0 72.0
141 10.6 8.4 25.2

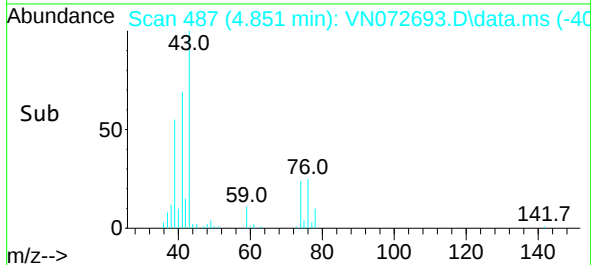
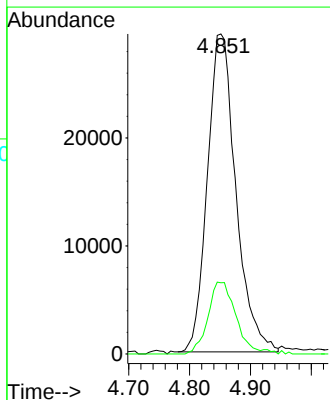
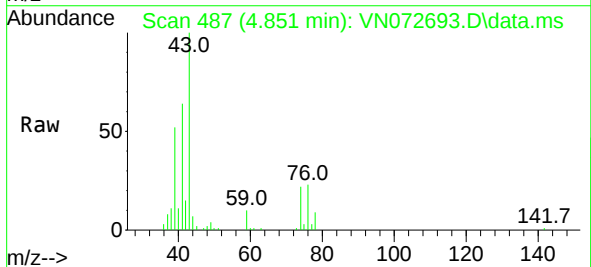
Manual Integrations
APPROVED

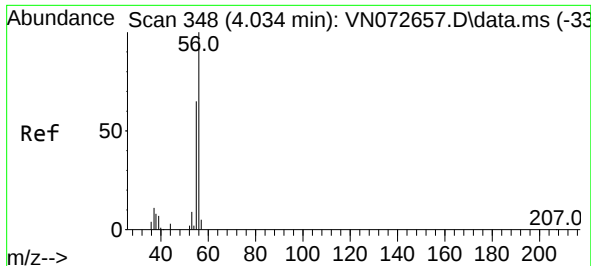
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#12
Methyl Acetate
Concen: 20.484 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

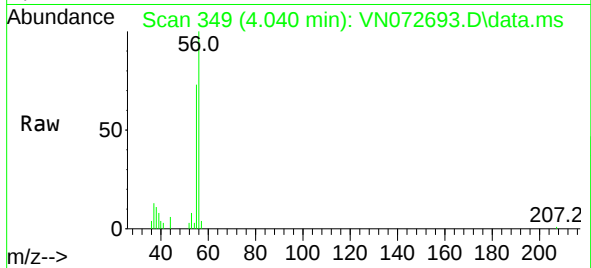
Tgt Ion: 43 Resp: 95880
Ion Ratio Lower Upper
43 100
74 22.5 20.8 31.2





#13
Acrolein
Concen: 91.788 ug/l
RT: 4.040 min Scan# 348
Delta R.T. 0.006 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

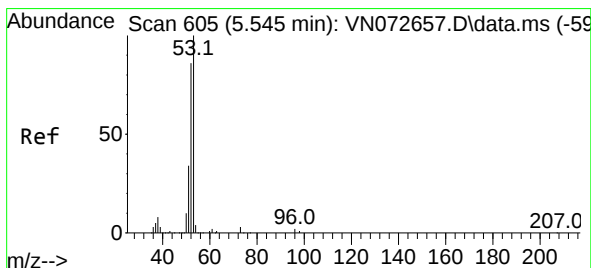
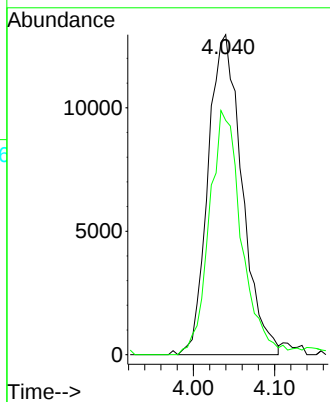
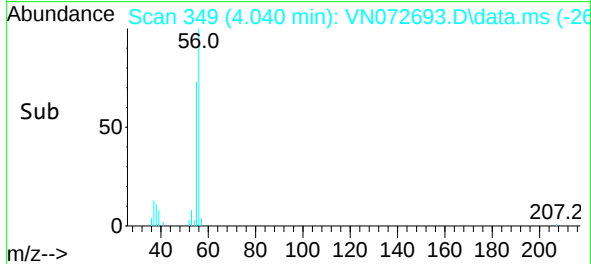
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



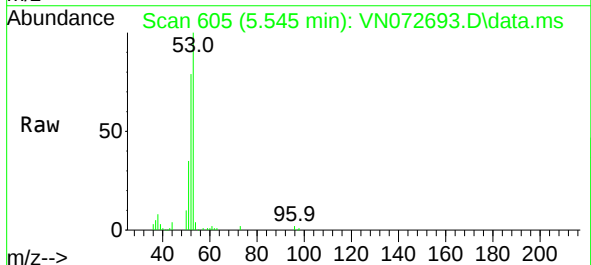
Tgt Ion: 56 Resp: 37609
Ion Ratio Lower Upper
56 100
55 72.3 57.6 86.4

Manual Integrations
APPROVED

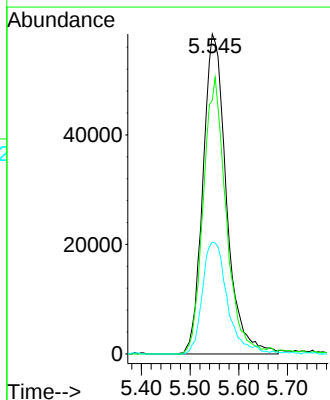
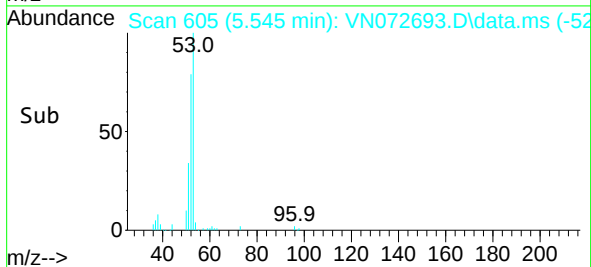
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

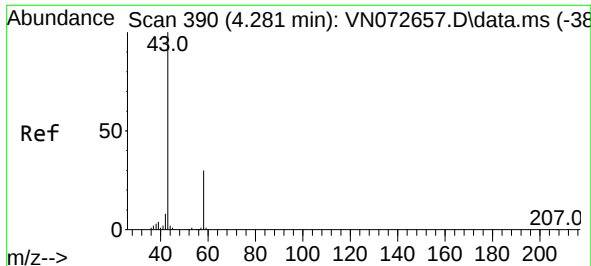


#14
Acrylonitrile
Concen: 102.427 ug/l
RT: 5.545 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30



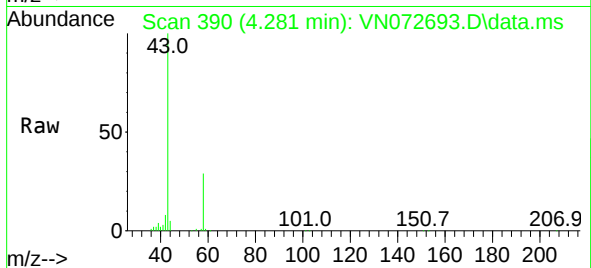
Tgt Ion: 53 Resp: 195430
Ion Ratio Lower Upper
53 100
52 83.8 41.8 125.4
51 36.3 19.0 57.0





#15
Acetone
Concen: 99.470 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

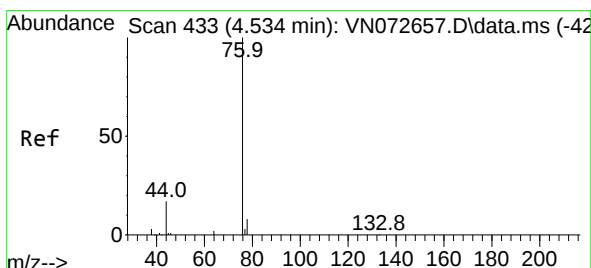
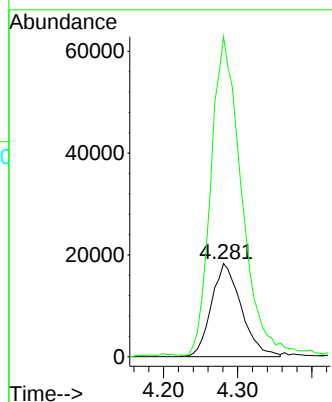
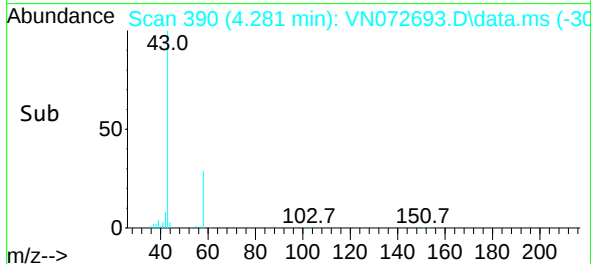
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 58 Resp: 51380
Ion Ratio Lower Upper
58 100
43 341.7 256.6 384.8

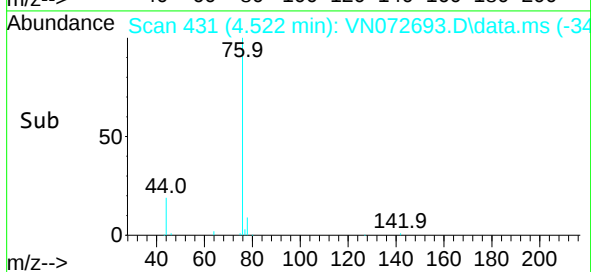
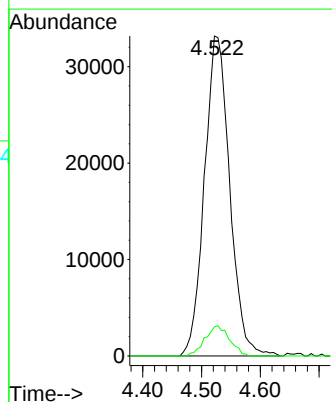
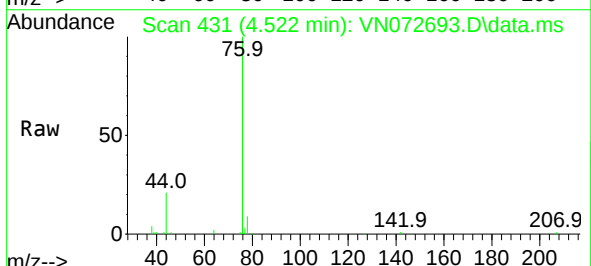
Manual Integrations
APPROVED

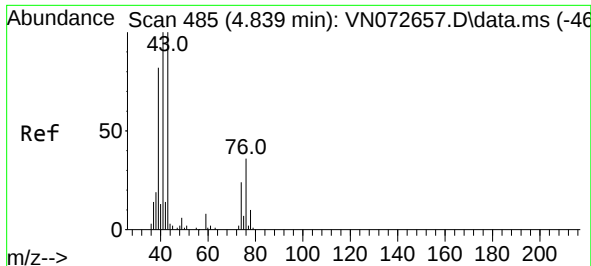
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#16
Carbon Disulfide
Concen: 17.348 ug/l
RT: 4.522 min Scan# 431
Delta R.T. -0.012 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

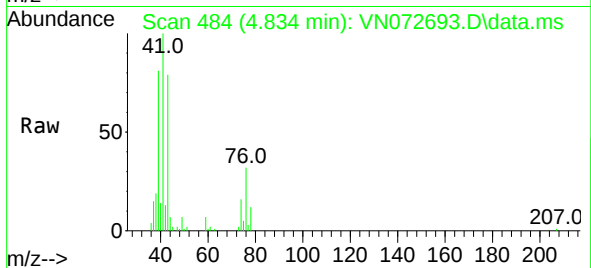
Tgt Ion: 76 Resp: 99218
Ion Ratio Lower Upper
76 100
78 9.1 7.8 11.8





#17
 Allyl chloride
 Concen: 19.028 ug/l
 RT: 4.834 min Scan# 41
 Delta R.T. -0.006 min
 Lab File: VN072693.D
 Acq: 07 Jun 2022 17:30

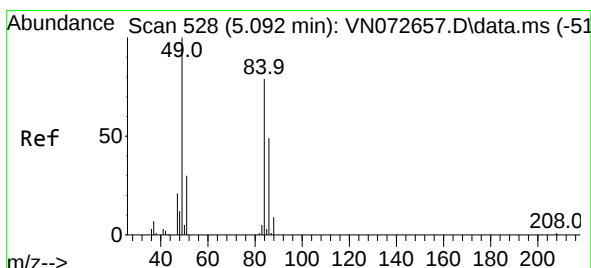
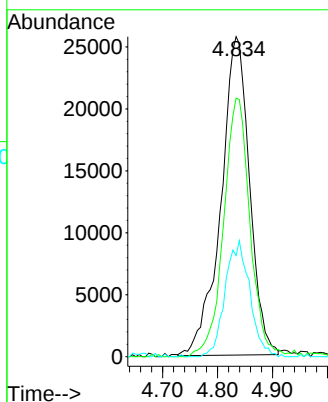
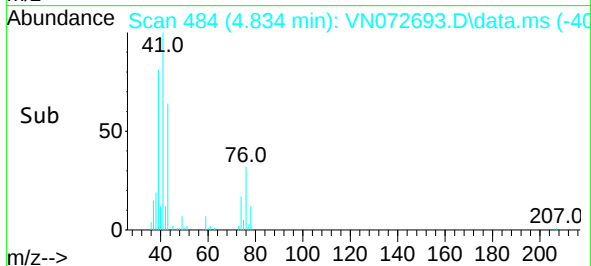
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 41 Resp: 93258
 Ion Ratio Lower Upper
 41 100
 39 81.3 44.6 134.0
 76 31.8 19.6 58.7

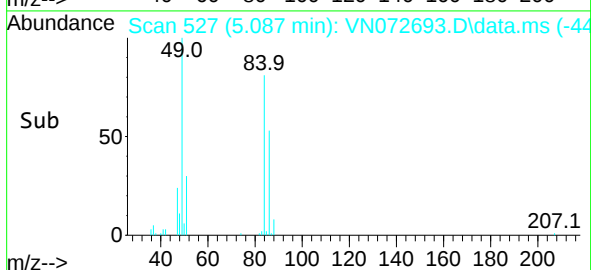
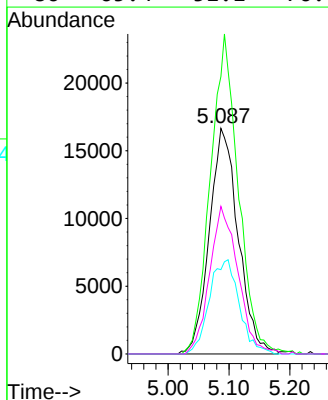
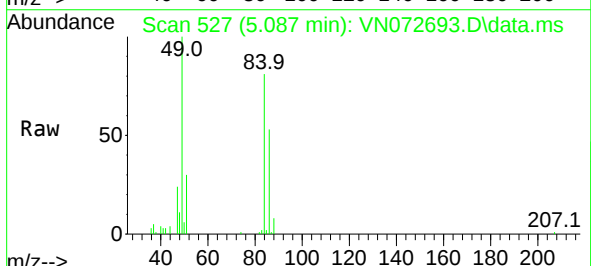
Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/08/2022
 Supervised By :Mahesh Dadoda 06/08/2022



#18
 Methylene Chloride
 Concen: 19.264 ug/l
 RT: 5.087 min Scan# 527
 Delta R.T. -0.006 min
 Lab File: VN072693.D
 Acq: 07 Jun 2022 17:30

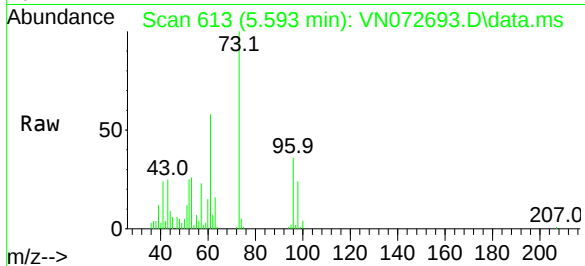
Tgt Ion: 84 Resp: 54876
 Ion Ratio Lower Upper
 84 100
 49 123.0 91.4 137.0
 51 37.4 29.4 44.0
 86 65.4 51.1 76.7





#19
trans-1,2-Dichloroethene
Concen: 18.286 ug/l
RT: 5.593 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

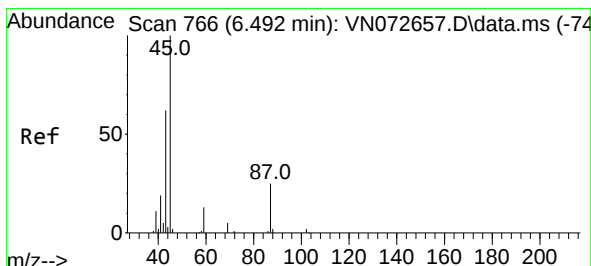
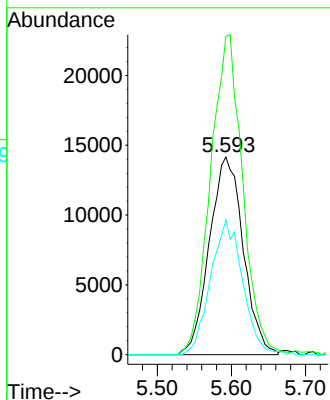
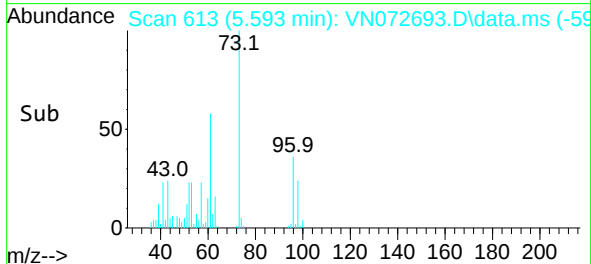
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 96 Resp: 4489
Ion Ratio Lower Upper
96 100
61 161.1 102.8 154.2
98 68.2 49.3 73.9

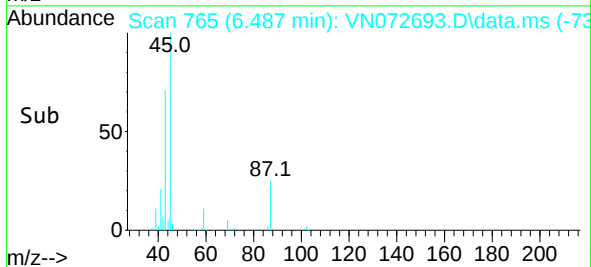
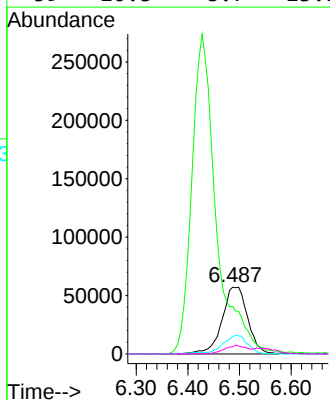
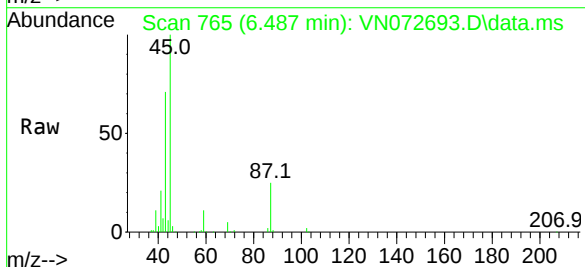
Manual Integrations
APPROVED

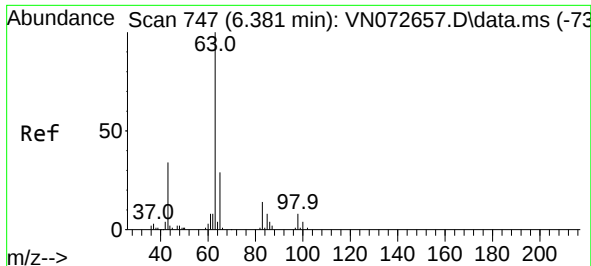
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#20
Diisopropyl ether
Concen: 20.309 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.006 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

Tgt Ion: 45 Resp: 197121
Ion Ratio Lower Upper
45 100
43 66.8 51.0 76.4
87 25.1 25.0 37.4
59 10.3 8.7 13.1





#21

1,1-Dichloroethane

Concen: 19.796 ug/l

RT: 6.387 min Scan# 74

Delta R.T. 0.006 min

Lab File: VN072693.D

Acq: 07 Jun 2022 17:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

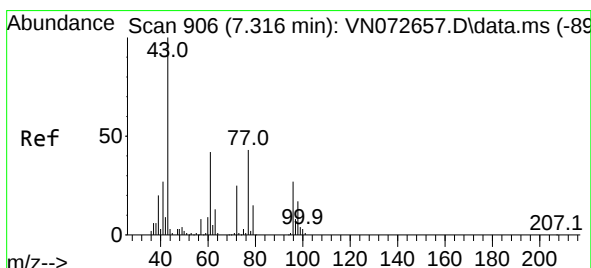
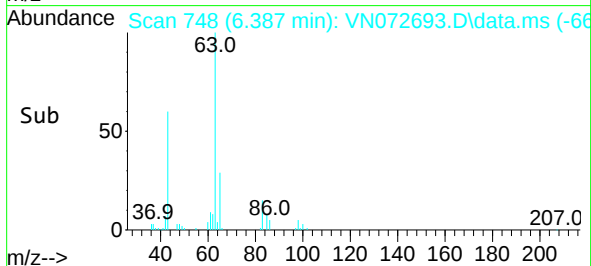
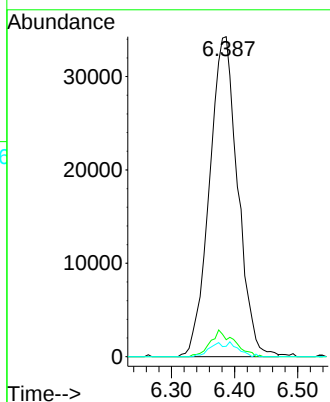
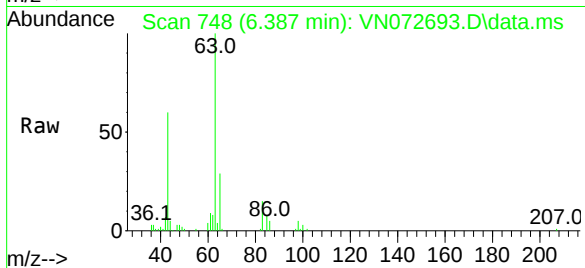
Tgt Ion:	63	Resp:	10675
Ion Ratio	Lower	Upper	
63	100		
98	5.3	3.2	9.6
100	3.3	2.1	6.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#22

cis-1,2-Dichloroethene

Concen: 18.914 ug/l

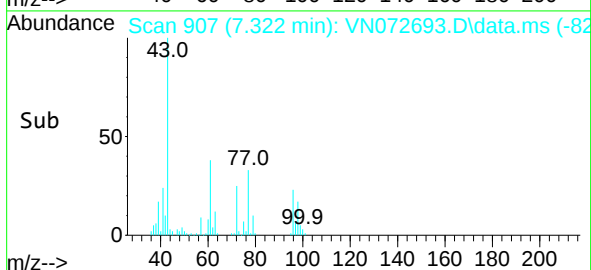
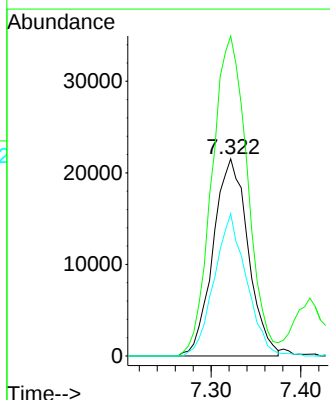
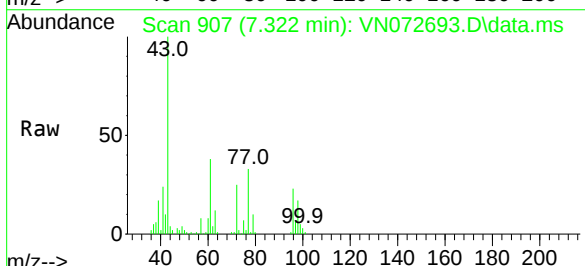
RT: 7.322 min Scan# 907

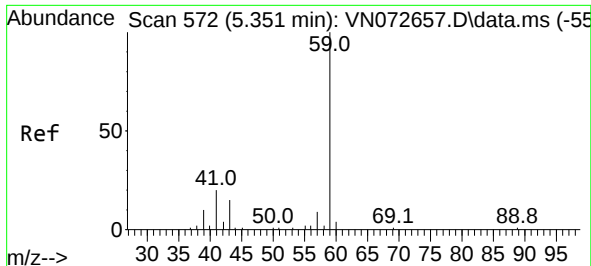
Delta R.T. 0.006 min

Lab File: VN072693.D

Acq: 07 Jun 2022 17:30

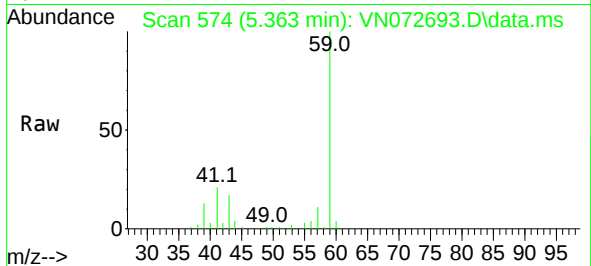
Tgt Ion:	96	Resp:	58166
Ion Ratio	Lower	Upper	
96	100		
61	165.0	115.7	173.5
98	66.3	51.6	77.4





#23
tert-Butyl Alcohol
Concen: 96.791 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

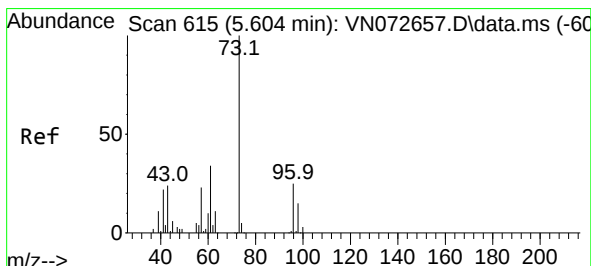
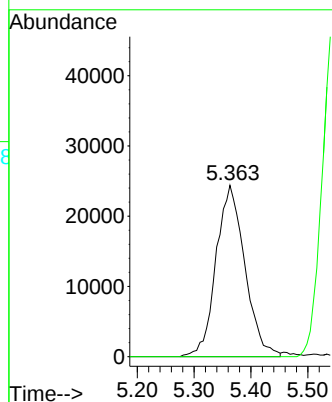
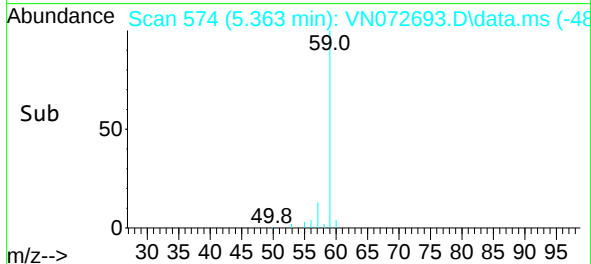
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 59 Resp: 85940
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

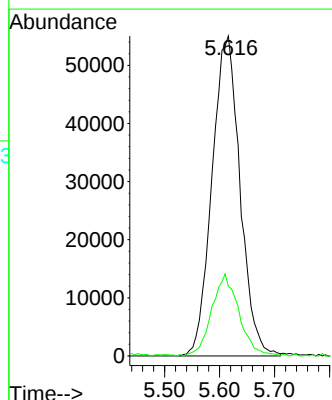
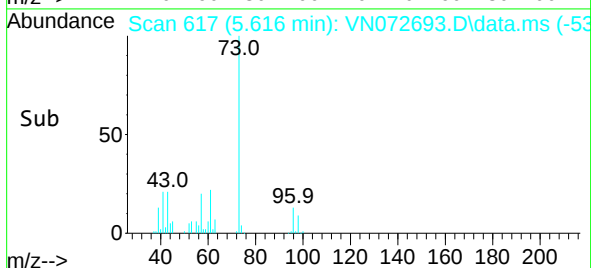
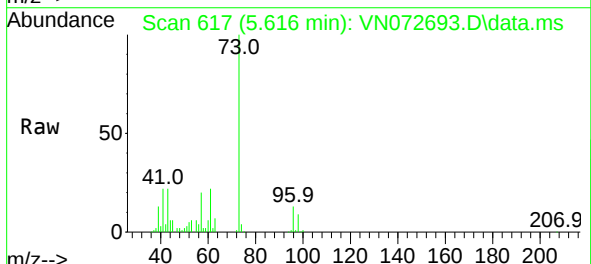
Manual Integrations
APPROVED

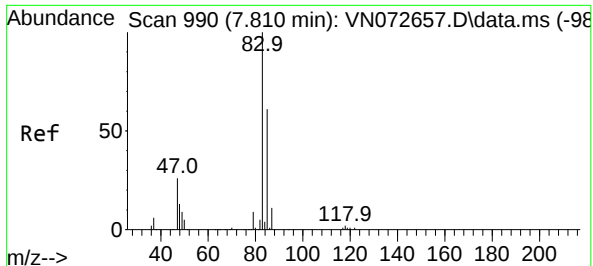
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#24
Methyl tert-Butyl Ether
Concen: 19.316 ug/l
RT: 5.616 min Scan# 617
Delta R.T. 0.012 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

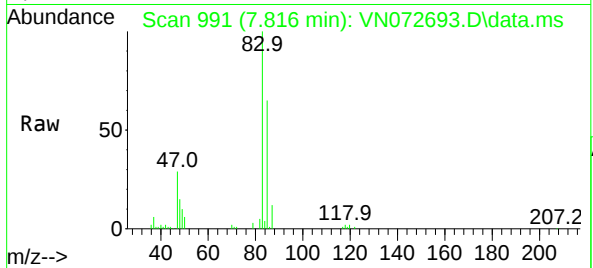
Tgt Ion: 73 Resp: 194896
Ion Ratio Lower Upper
73 100
43 24.8 18.1 27.1





#25
Chloroform
Concen: 19.497 ug/l
RT: 7.816 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

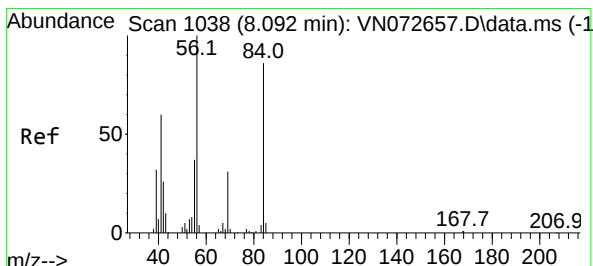
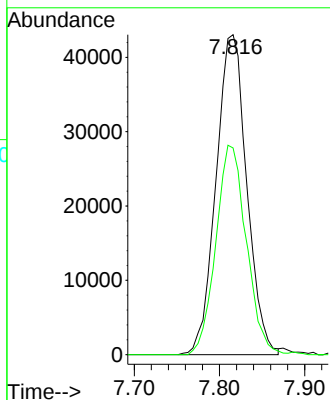
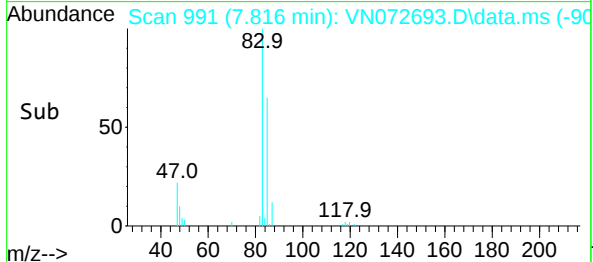
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



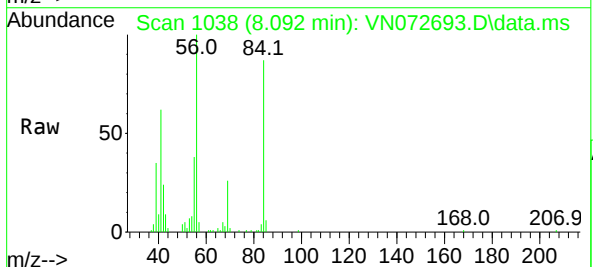
Tgt Ion: 83 Resp: 108004
Ion Ratio Lower Upper
83 100
85 64.6 51.3 76.9

Manual Integrations
APPROVED

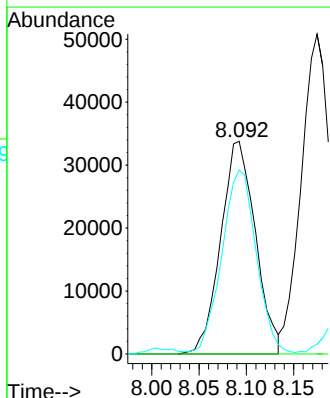
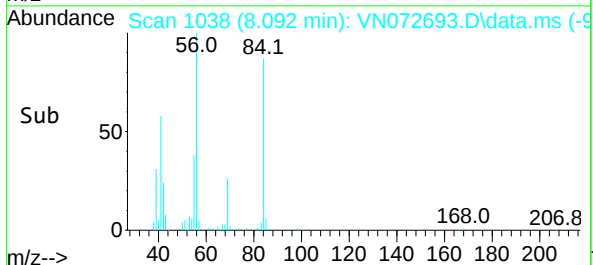
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

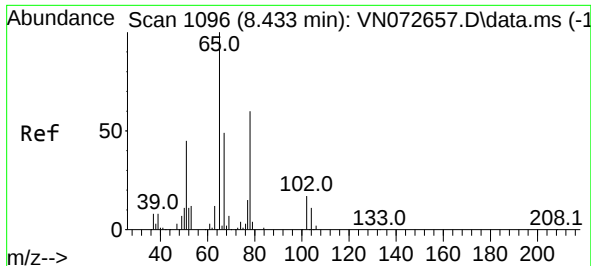


#26
Cyclohexane
Concen: 19.203 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30



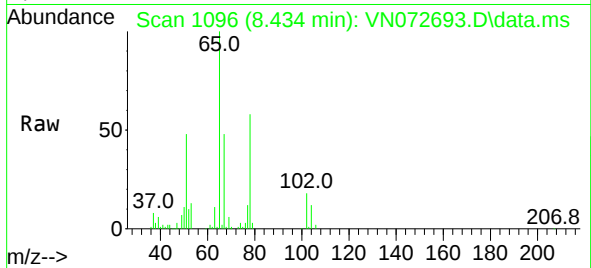
Tgt Ion: 56 Resp: 86337
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 86.2 74.6 111.8





#27
1,2-Dichloroethane-d4
Concen: 30.808 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

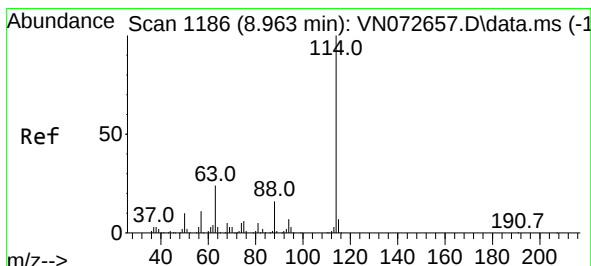
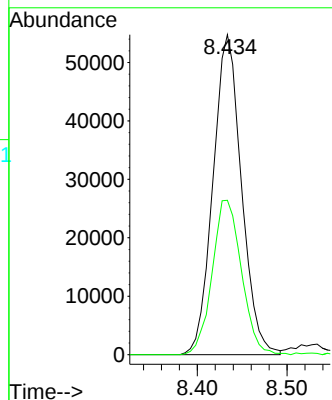
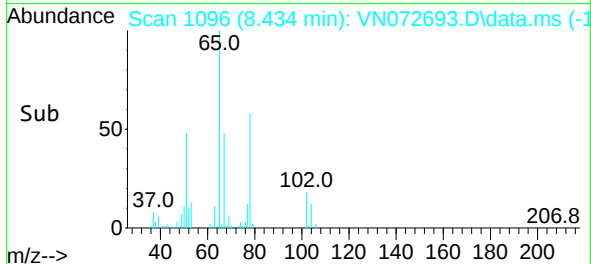
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



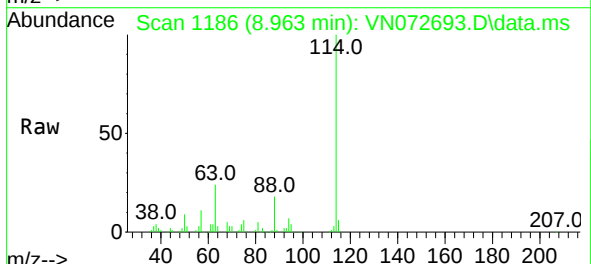
Tgt Ion: 65 Resp: 120653
Ion Ratio Lower Upper
65 100
67 49.5 40.2 60.2

Manual Integrations
APPROVED

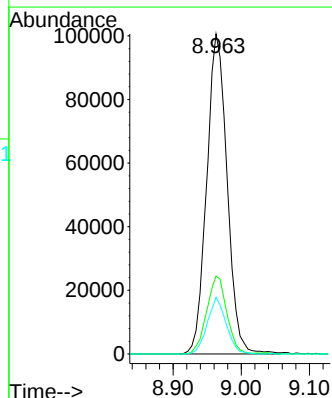
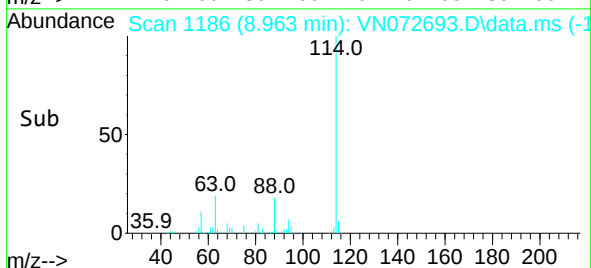
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

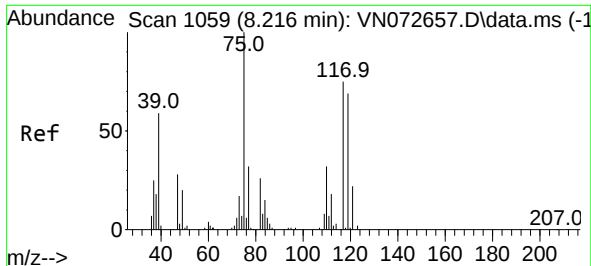


#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30



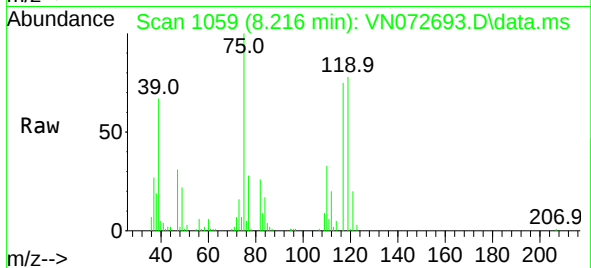
Tgt Ion:114 Resp: 210053
Ion Ratio Lower Upper
114 100
63 24.0 15.8 23.6#
88 16.2 11.6 17.4





#29
1,1-Dichloropropene
Concen: 18.251 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

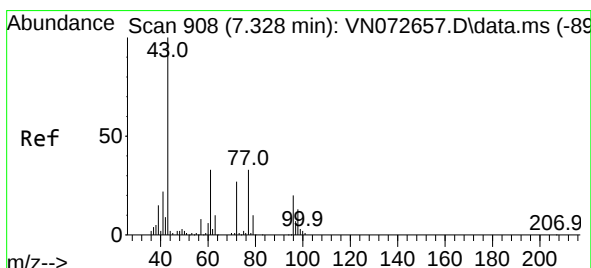
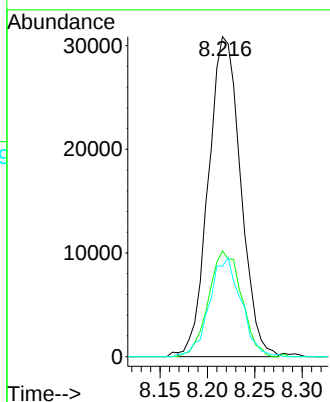
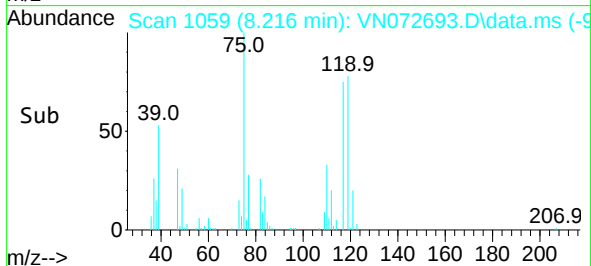
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



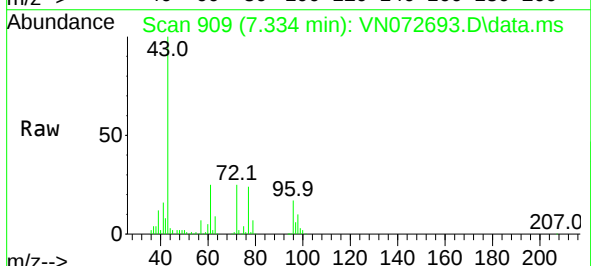
Tgt Ion: 75 Resp: 73080
Ion Ratio Lower Upper
75 100
110 33.7 0.0 74.2
77 30.4 0.0 63.2

Manual Integrations
APPROVED

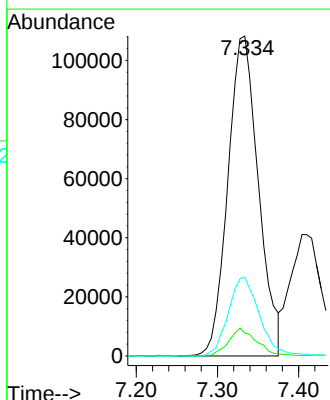
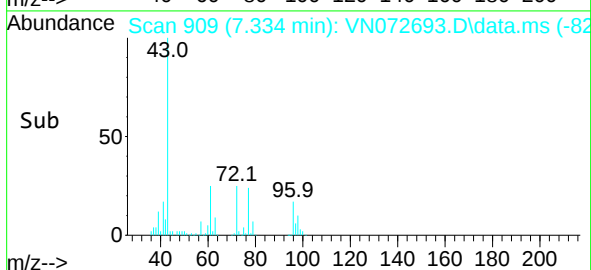
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#30
2-Butanone
Concen: 97.818 ug/l
RT: 7.334 min Scan# 909
Delta R.T. 0.006 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30



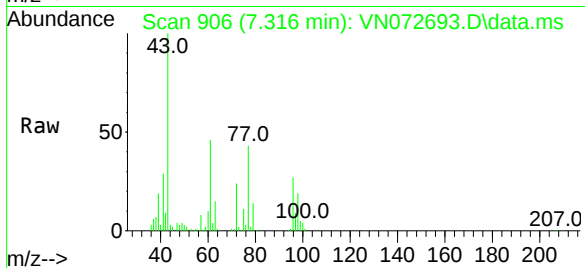
Tgt Ion: 43 Resp: 283455
Ion Ratio Lower Upper
43 100
57 8.0 6.7 10.1
72 25.2 23.2 34.8





#31
2,2-Dichloropropane
Concen: 17.254 ug/l
RT: 7.316 min Scan# 906
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

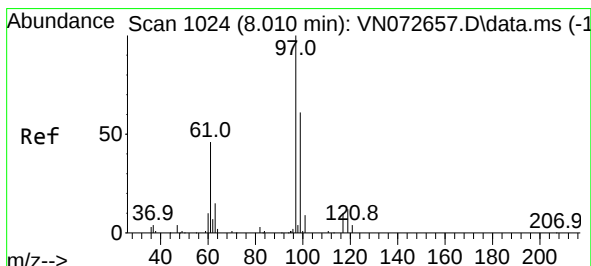
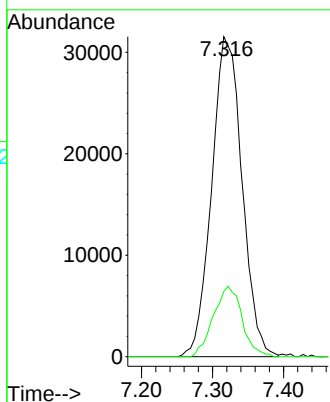
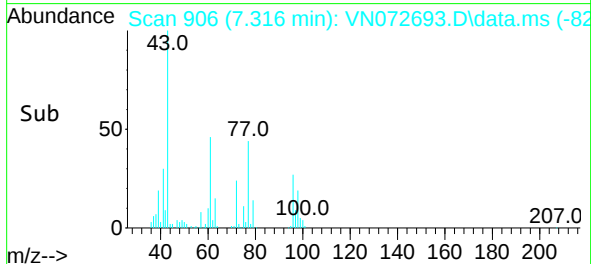
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



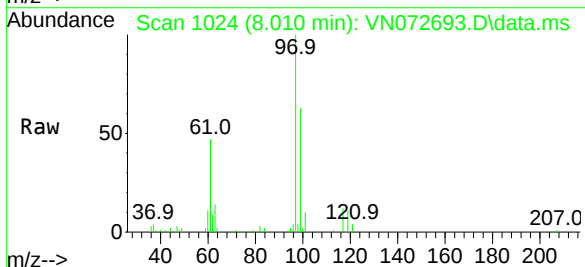
Tgt Ion: 77 Resp: 9351
Ion Ratio Lower Upper
77 100
97 20.8 18.3 27.5

Manual Integrations
APPROVED

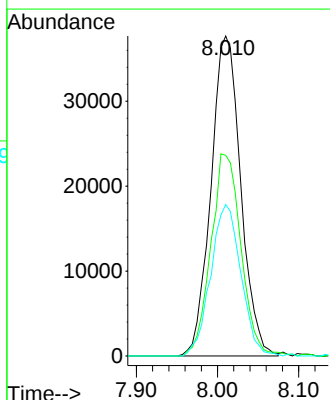
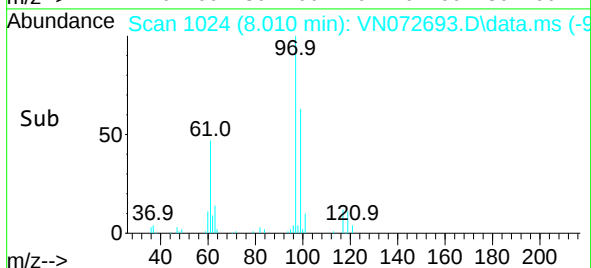
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

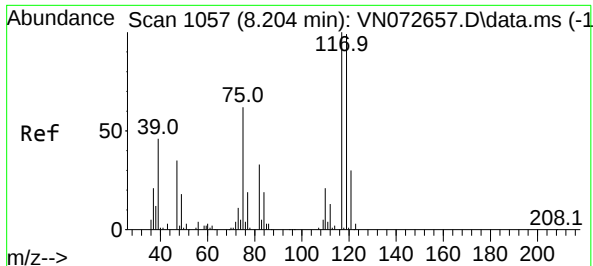


#32
1,1,1-Trichloroethane
Concen: 18.352 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30



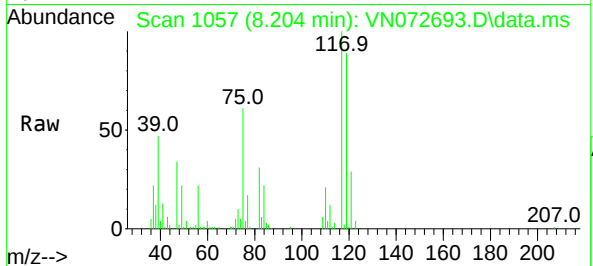
Tgt Ion: 97 Resp: 96148
Ion Ratio Lower Upper
97 100
99 63.8 50.4 75.6
61 47.9 34.6 51.8





#33
Carbon Tetrachloride
Concen: 17.580 ug/l
RT: 8.204 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

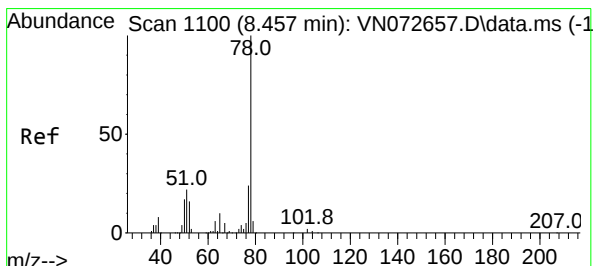
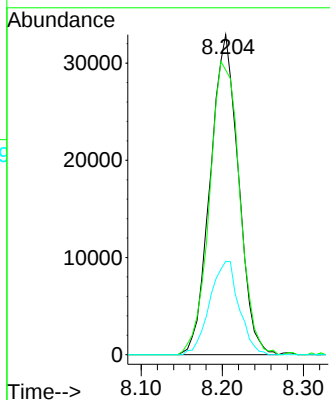
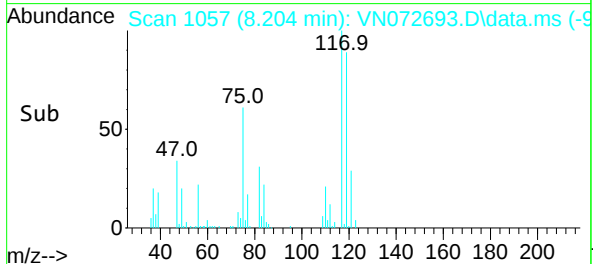
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:117 Resp: 7942
Ion Ratio Lower Upper
117 100
119 89.0 77.5 116.3
121 29.2 23.5 35.3

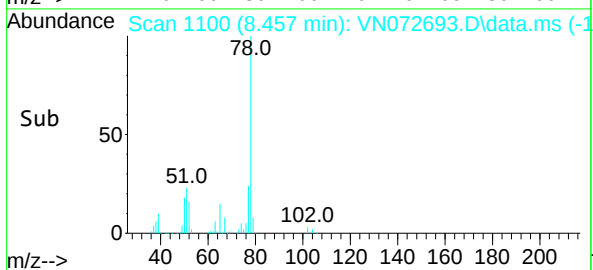
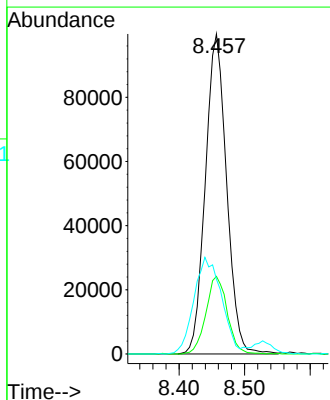
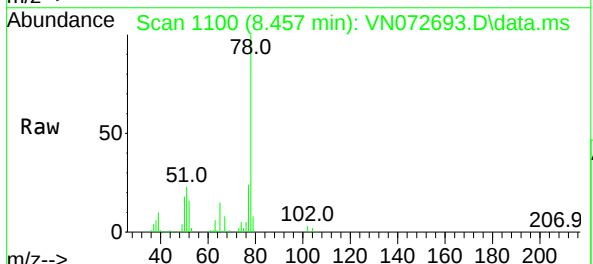
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#34
Benzene
Concen: 18.961 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

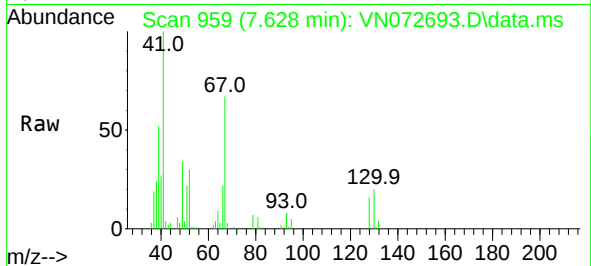
Tgt Ion: 78 Resp: 224612
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7
51 22.3 16.0 24.0





#35
Methacrylonitrile
Concen: 20.118 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

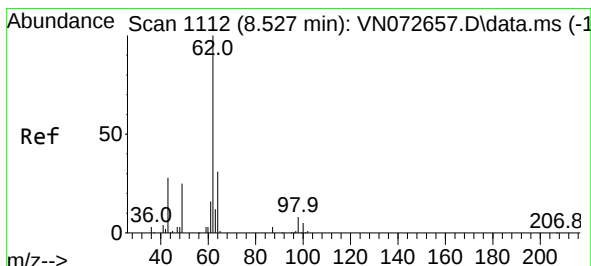
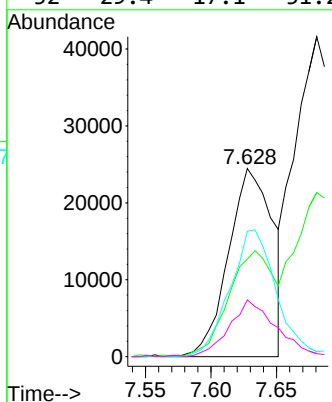
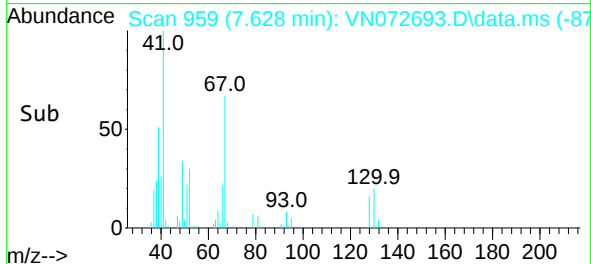
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



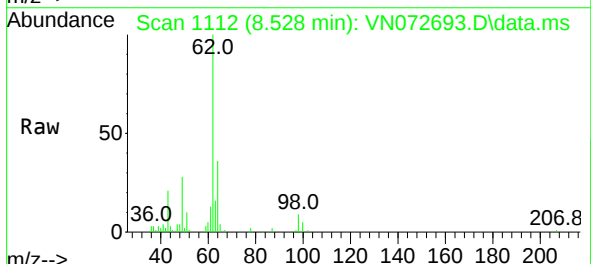
Tgt Ion:	41	Resp:	5716
Ion Ratio	Lower	Upper	
41	100		
39	51.2	28.0	83.9
67	66.6	37.7	113.1
52	29.4	17.1	51.2

Manual Integrations
APPROVED

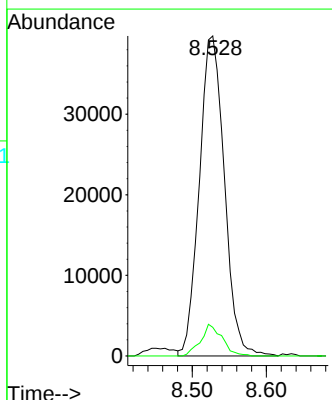
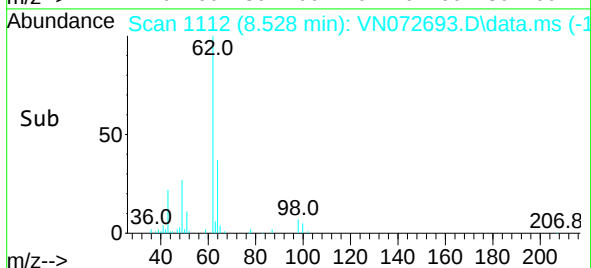
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

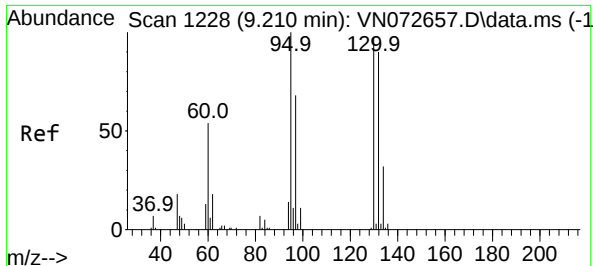


#36
1,2-Dichloroethane
Concen: 18.673 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30



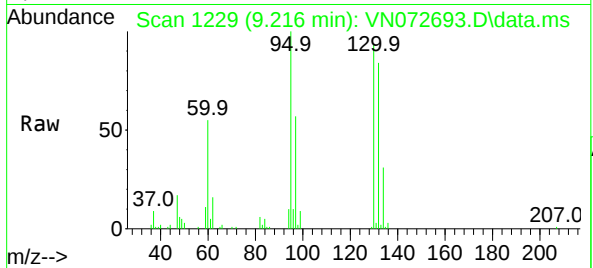
Tgt Ion:	62	Resp:	93453
Ion Ratio	Lower	Upper	
62	100		
98	8.5	6.6	10.0





#37
Trichloroethene
Concen: 18.625 ug/l
RT: 9.216 min Scan# 1228
Delta R.T. 0.006 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

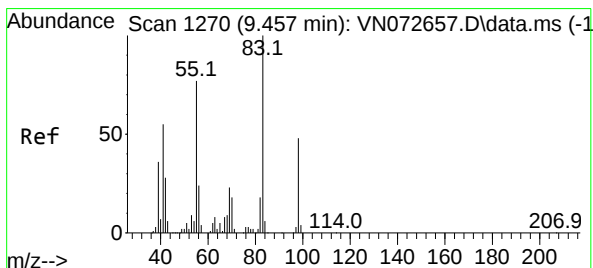
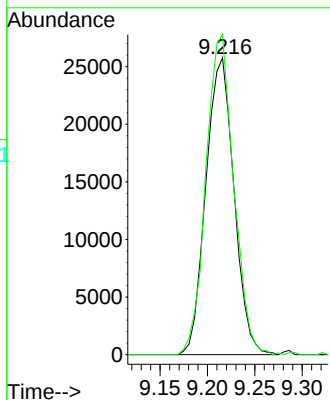
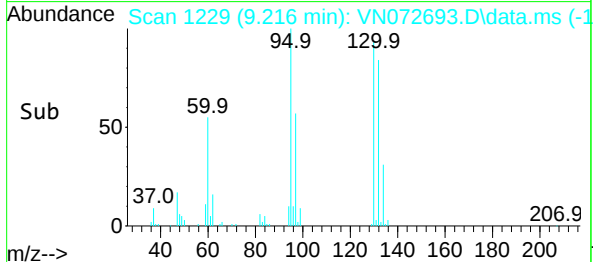
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



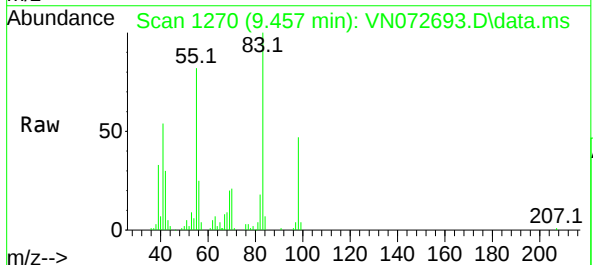
Tgt Ion:130 Resp: 5318
Ion Ratio Lower Upper
130 100
95 107.8 76.6 115.0

Manual Integrations
APPROVED

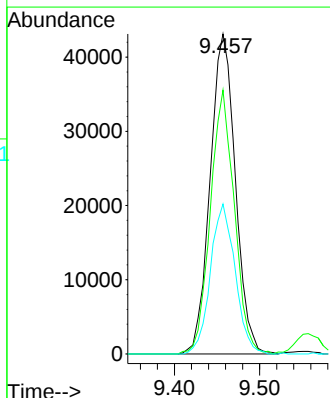
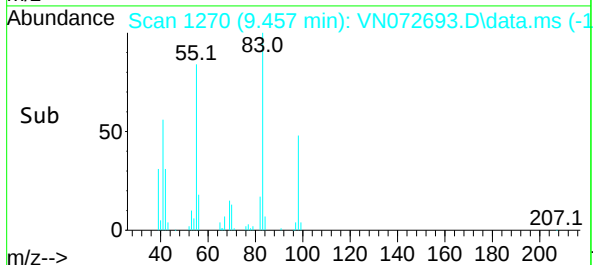
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

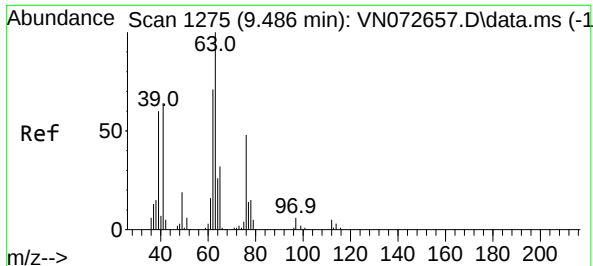


#38
Methylcyclohexane
Concen: 18.609 ug/l
RT: 9.457 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30



Tgt Ion: 83 Resp: 88954
Ion Ratio Lower Upper
83 100
55 78.4 35.1 105.3
98 45.8 23.4 70.2





#39

1,2-Dichloropropane

Concen: 19.039 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072693.D

Acq: 07 Jun 2022 17:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

Tgt Ion: 63 Resp: 61962

Ion Ratio Lower Upper

63 100

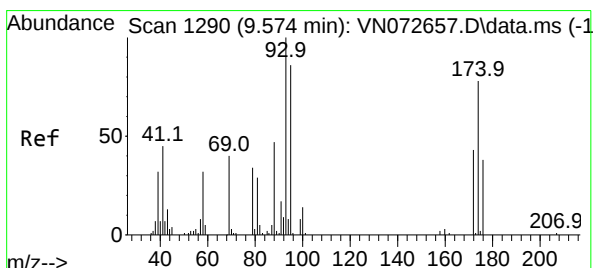
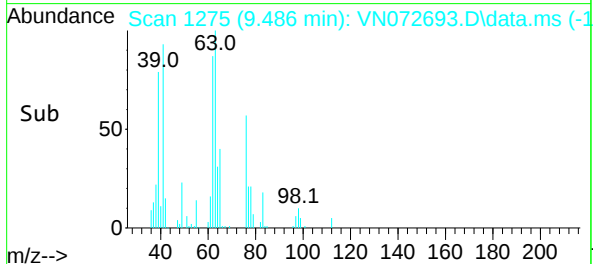
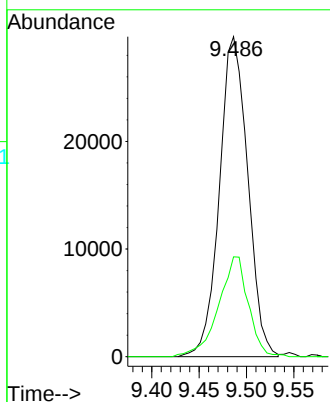
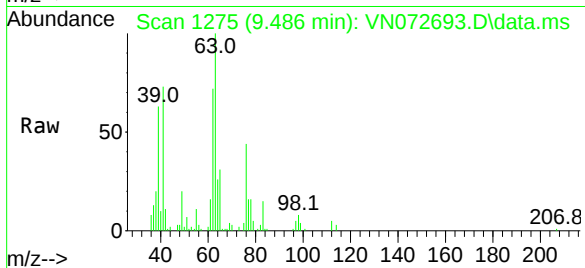
65 30.6 24.2 36.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#40

Dibromomethane

Concen: 18.936 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.000 min

Lab File: VN072693.D

Acq: 07 Jun 2022 17:30

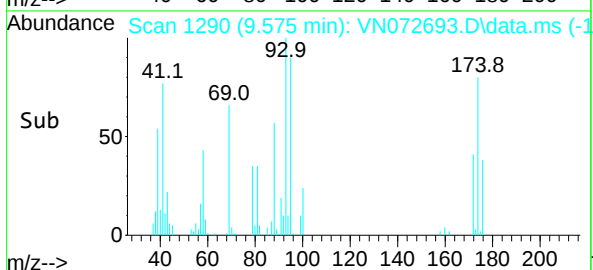
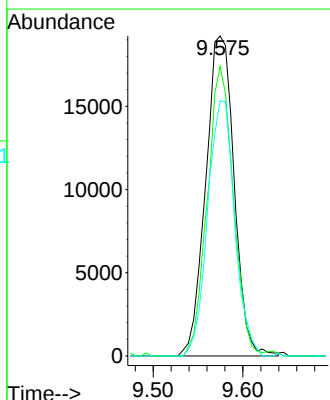
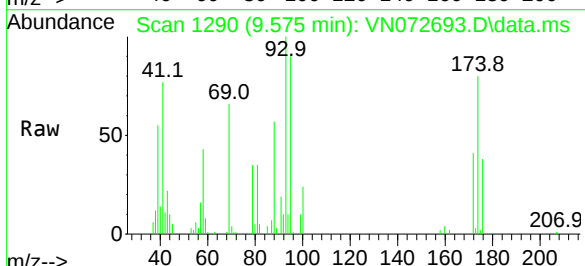
Tgt Ion: 93 Resp: 42305

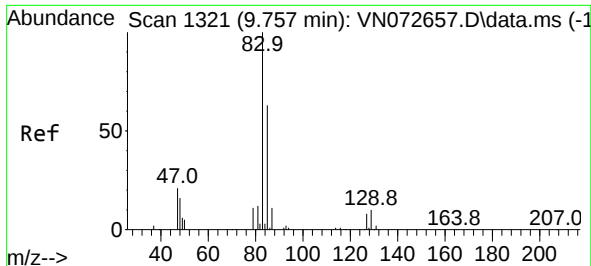
Ion Ratio Lower Upper

93 100

95 82.9 0.0 168.8

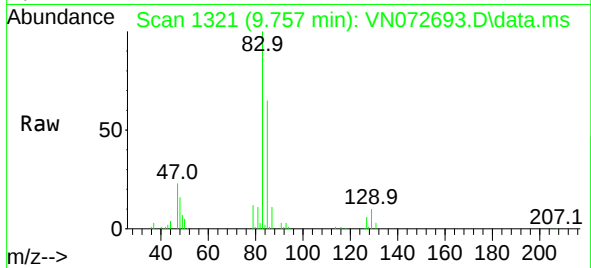
174 75.6 0.0 173.6





#41
Bromodichloromethane
Concen: 18.682 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

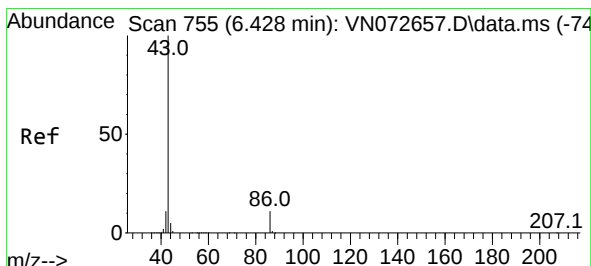
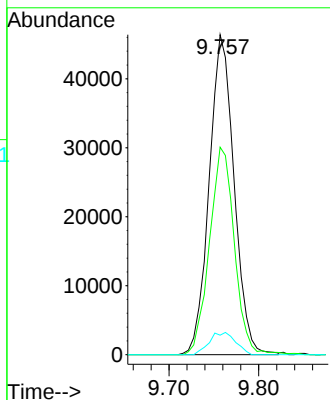
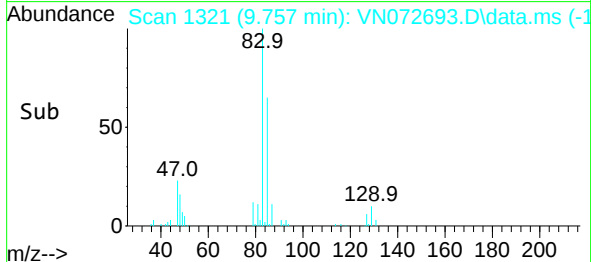
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



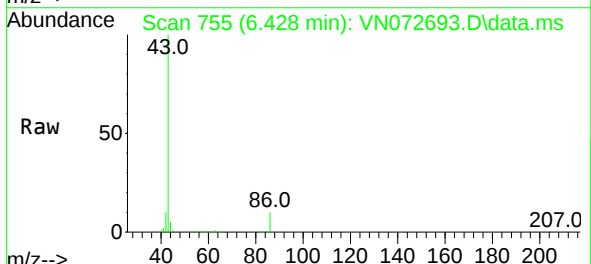
Tgt Ion: 83 Resp: 89278
Ion Ratio Lower Upper
83 100
85 64.8 54.1 81.1
127 7.2 7.6 11.4

Manual Integrations
APPROVED

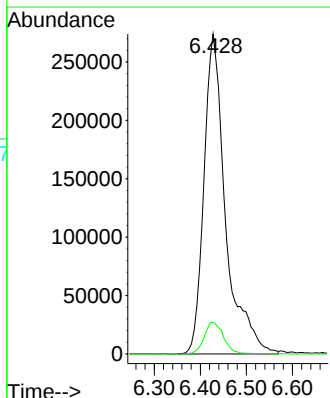
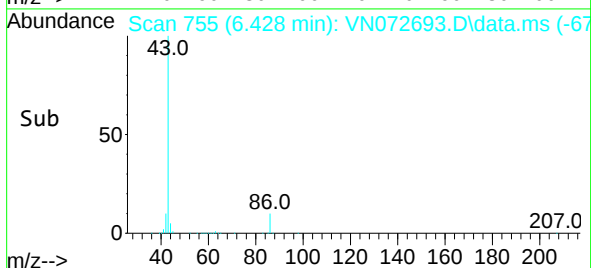
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

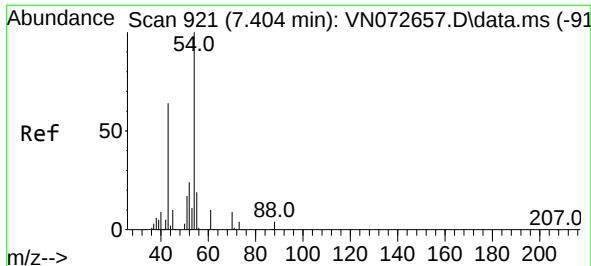


#42
Vinyl Acetate
Concen: 94.973 ug/l
RT: 6.428 min Scan# 755
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30



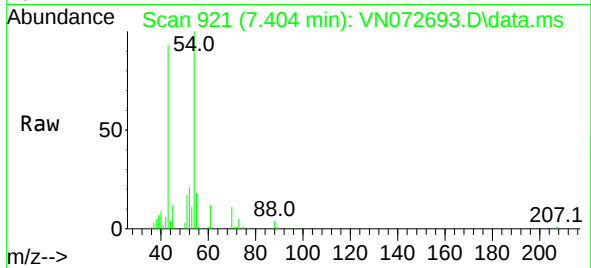
Tgt Ion: 43 Resp: 895967
Ion Ratio Lower Upper
43 100
86 8.8 7.5 11.3





#43
Ethyl Acetate
Concen: 18.627 ug/l
RT: 7.404 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

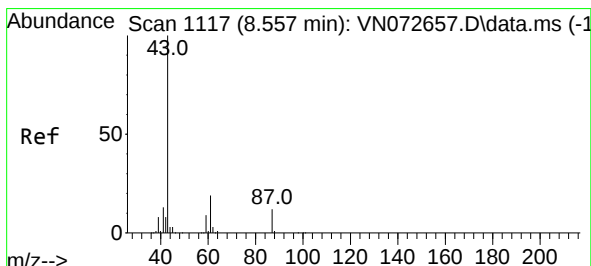
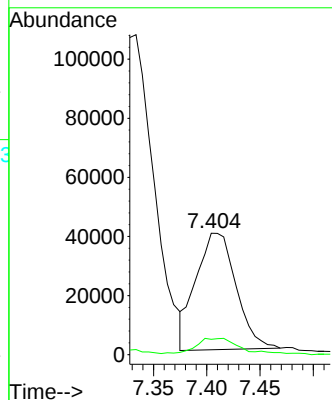
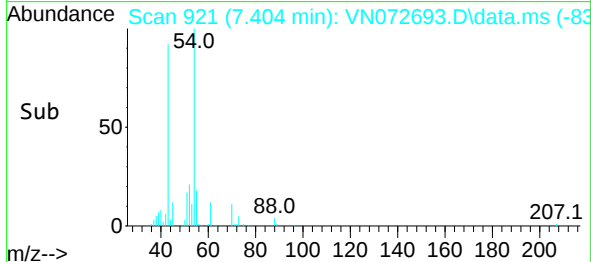
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



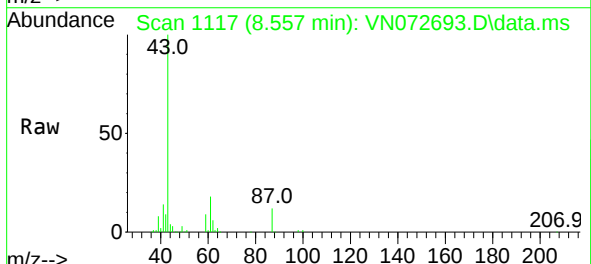
Tgt Ion: 43 Resp: 103418
Ion Ratio Lower Upper
43 100
45 5.2 10.6 16.0

Manual Integrations
APPROVED

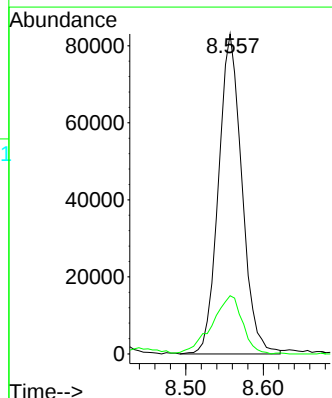
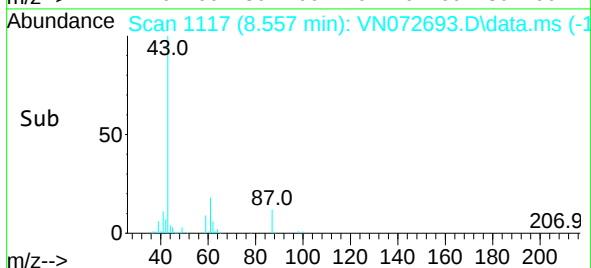
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

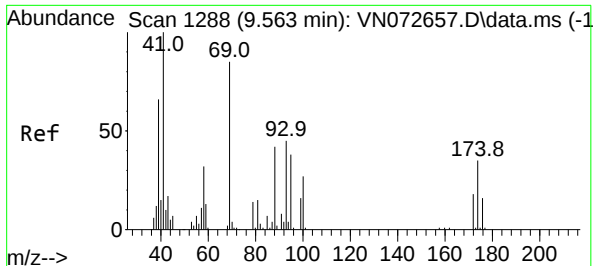


#44
Isopropyl Acetate
Concen: 18.945 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30



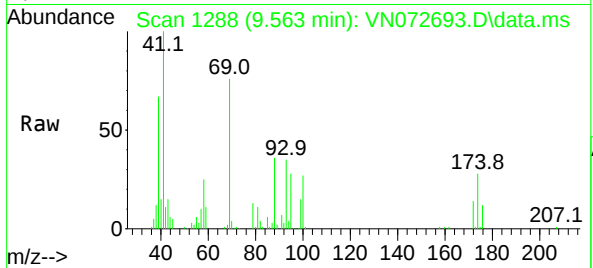
Tgt Ion: 43 Resp: 174470
Ion Ratio Lower Upper
43 100
61 23.8 20.1 30.1





#45
1,4-Dioxane
Concen: 403.823 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

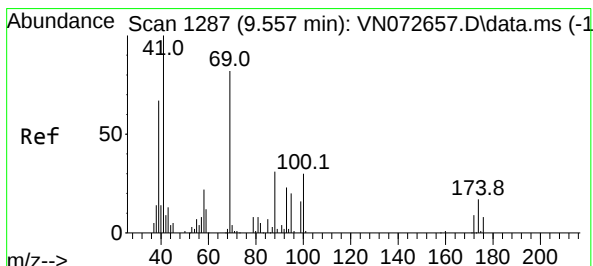
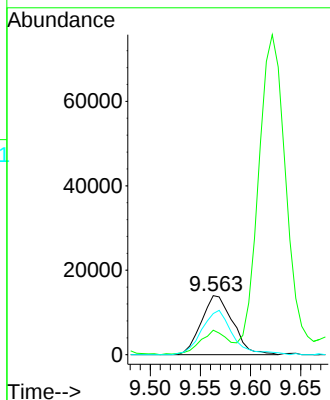
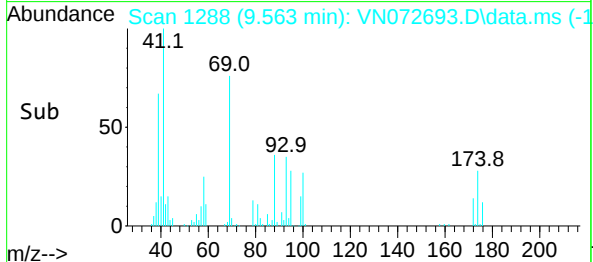
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



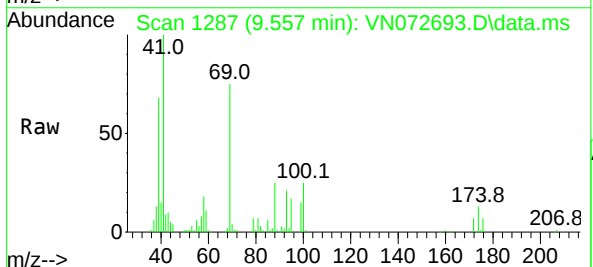
Tgt Ion: 88 Resp: 30562
Ion Ratio Lower Upper
88 100
43 36.3 25.0 37.6
58 70.8 49.4 74.2

Manual Integrations
APPROVED

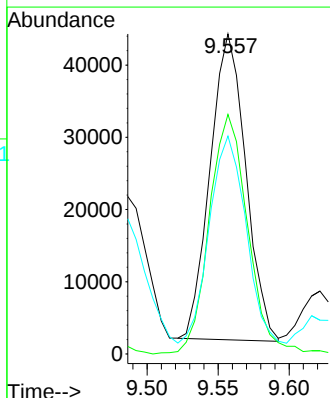
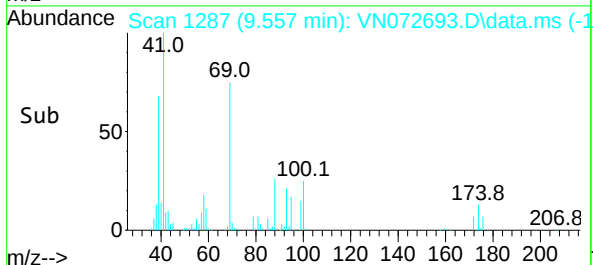
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

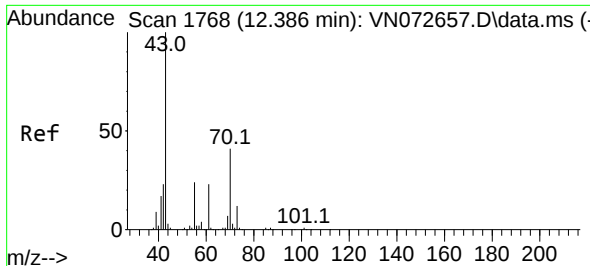


#46
Methyl methacrylate
Concen: 17.957 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30



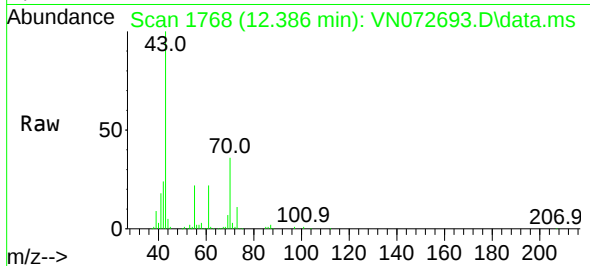
Tgt Ion: 41 Resp: 73945
Ion Ratio Lower Upper
41 100
69 77.9 44.4 133.2
39 68.0 39.9 119.6





#47
n-amy1 Acetate
Concen: 17.416 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

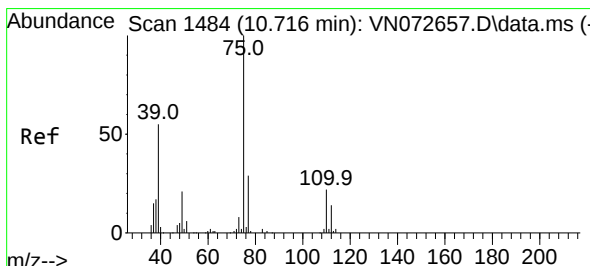
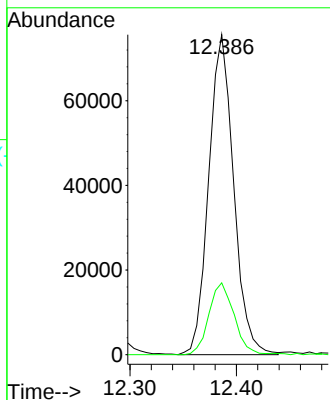
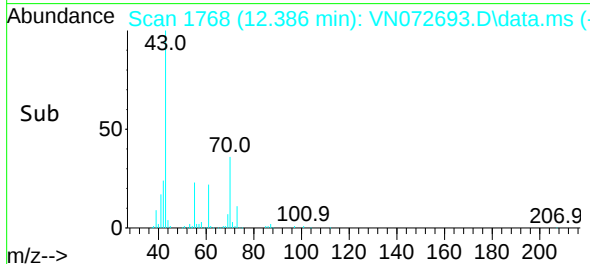
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 122798
Ion Ratio Lower Upper
43 100
55 22.6 19.0 28.6

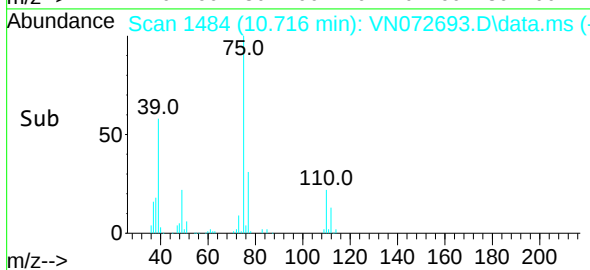
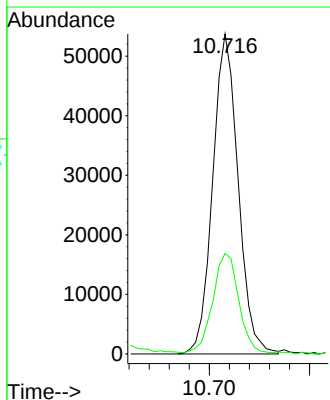
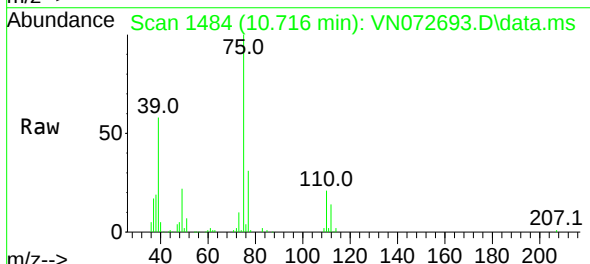
Manual Integrations
APPROVED

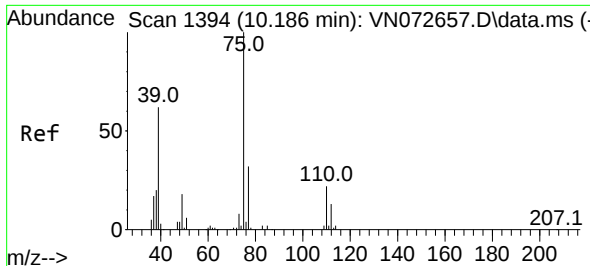
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#48
t-1,3-Dichloropropene
Concen: 17.314 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

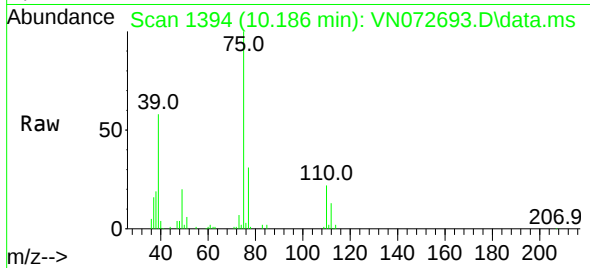
Tgt Ion: 75 Resp: 94446
Ion Ratio Lower Upper
75 100
77 30.9 25.3 37.9





#49
 cis-1,3-Dichloropropene
 Concen: 17.802 ug/l
 RT: 10.186 min Scan# 1394
 Delta R.T. 0.000 min
 Lab File: VN072693.D
 Acq: 07 Jun 2022 17:30

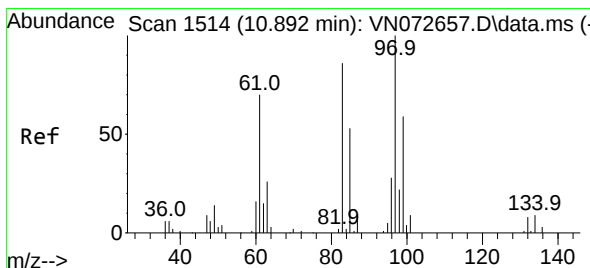
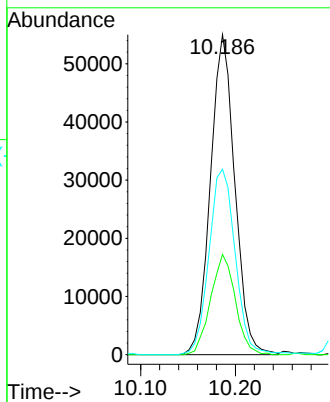
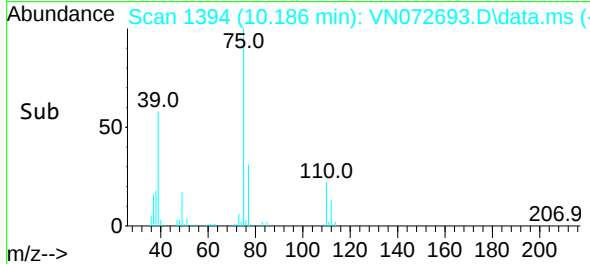
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



Tgt Ion: 75 Resp: 98604
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.3 37.9
 39 58.0 46.2 69.4

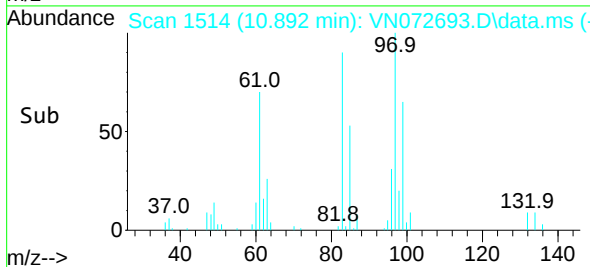
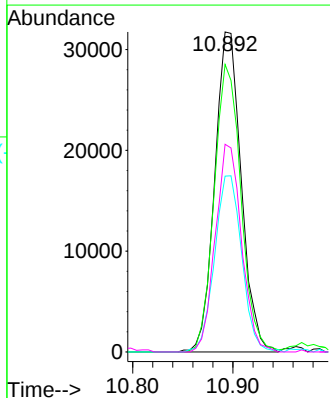
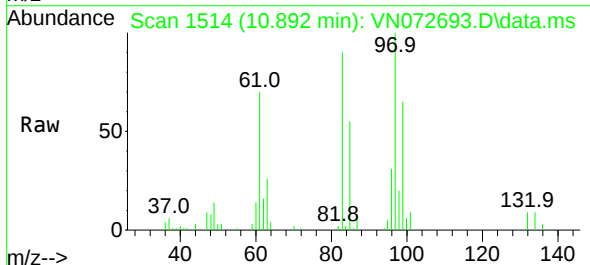
Manual Integrations
 APPROVED

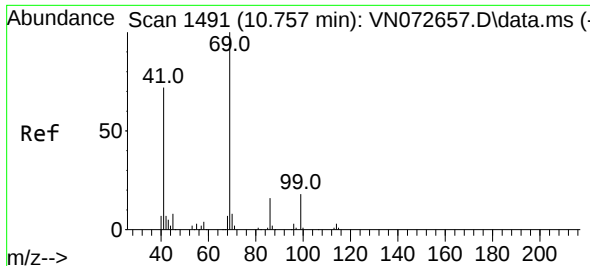
Reviewed By :John Carlone 06/08/2022
 Supervised By :Mahesh Dadoda 06/08/2022



#50
 1,1,2-Trichloroethane
 Concen: 18.439 ug/l
 RT: 10.892 min Scan# 1514
 Delta R.T. 0.000 min
 Lab File: VN072693.D
 Acq: 07 Jun 2022 17:30

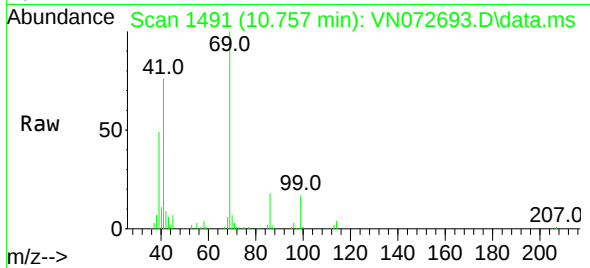
Tgt Ion: 97 Resp: 58241
 Ion Ratio Lower Upper
 97 100
 83 89.8 67.2 100.8
 85 55.0 43.0 64.4
 99 64.9 49.0 73.4





#51
Ethyl methacrylate
Concen: 18.340 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

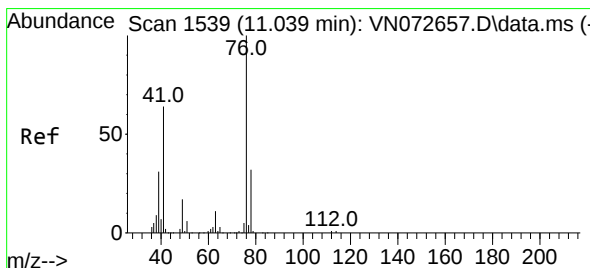
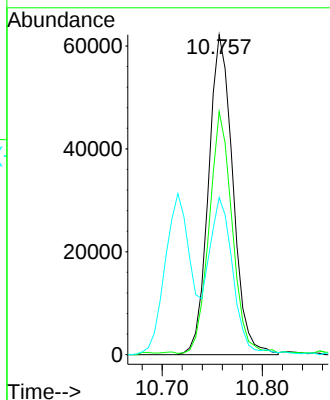
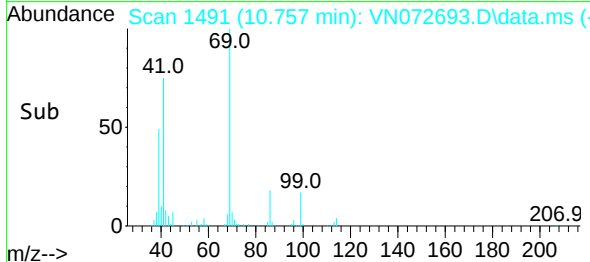
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 69 Resp: 104927
Ion Ratio Lower Upper
69 100
41 75.5 33.0 98.9
39 48.5 25.4 76.4

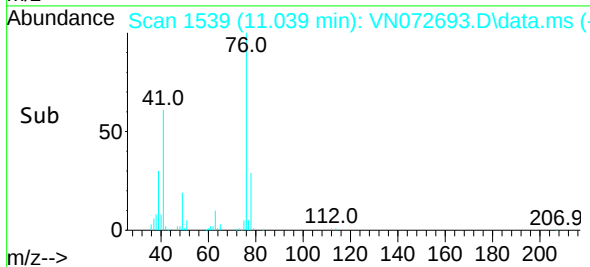
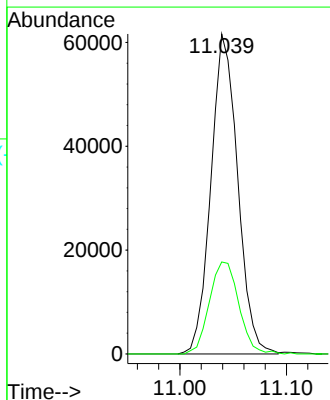
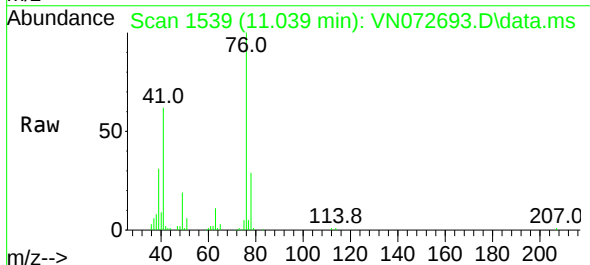
Manual Integrations
APPROVED

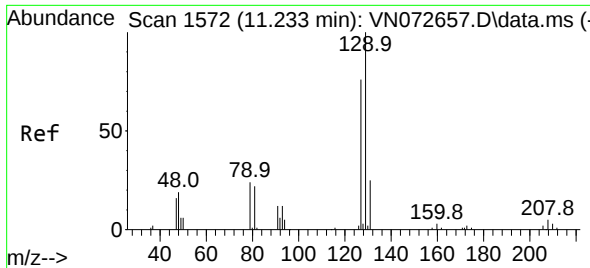
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#52
1,3-Dichloropropane
Concen: 19.138 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

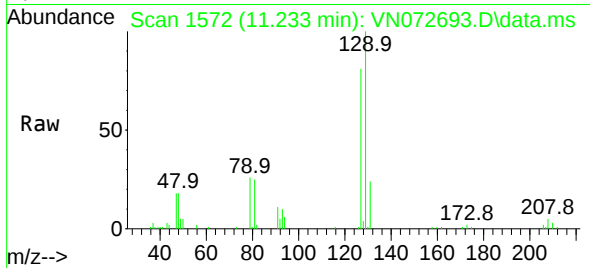
Tgt Ion: 76 Resp: 107573
Ion Ratio Lower Upper
76 100
78 31.6 0.0 65.4





#53
Dibromochloromethane
Concen: 17.868 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

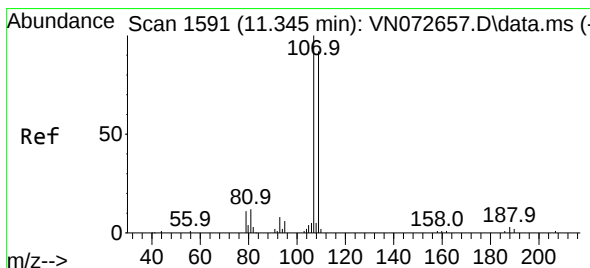
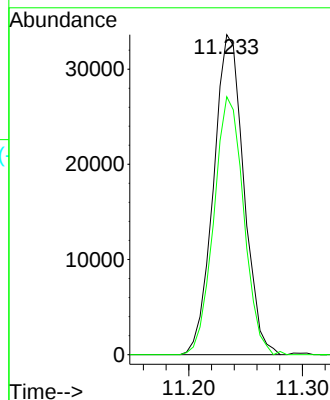
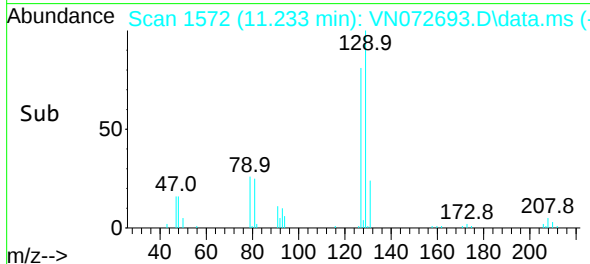
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



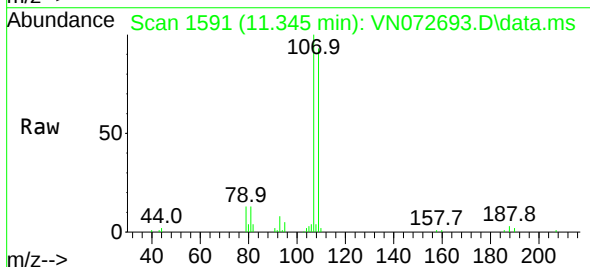
Tgt Ion:129 Resp: 62268
Ion Ratio Lower Upper
129 100
127 79.3 39.0 117.0

Manual Integrations
APPROVED

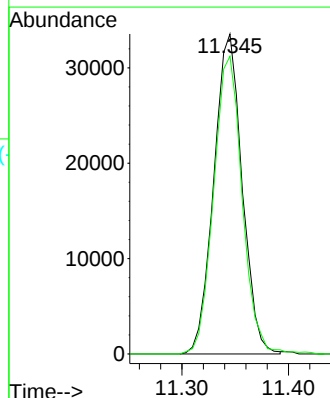
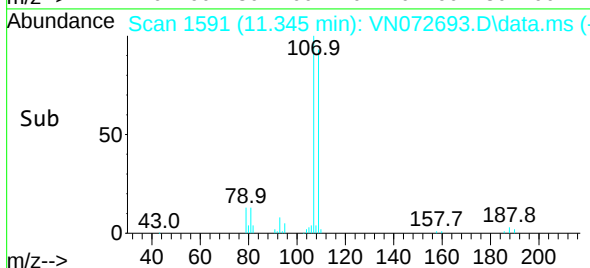
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

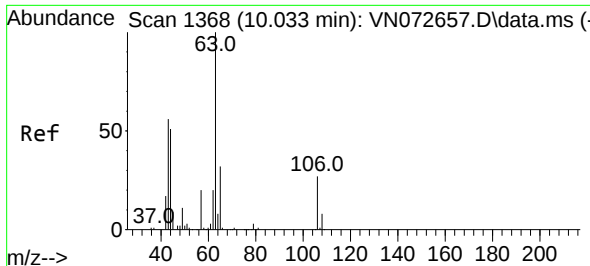


#54
1,2-Dibromoethane
Concen: 18.642 ug/l
RT: 11.345 min Scan# 1591
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30



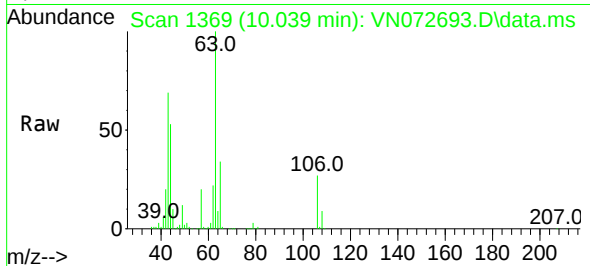
Tgt Ion:107 Resp: 61913
Ion Ratio Lower Upper
107 100
109 93.2 72.8 109.2





#55
2-Chloroethyl vinyl ether
Concen: 98.752 ug/l
RT: 10.039 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

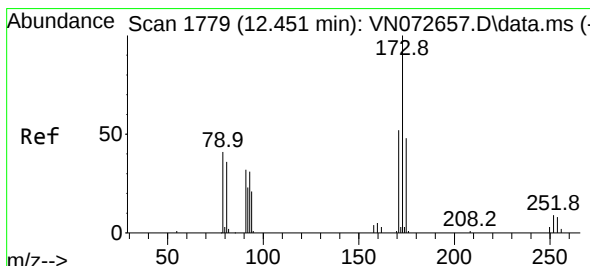
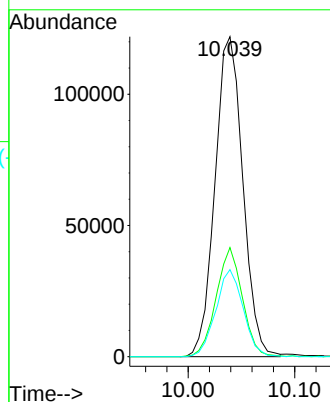
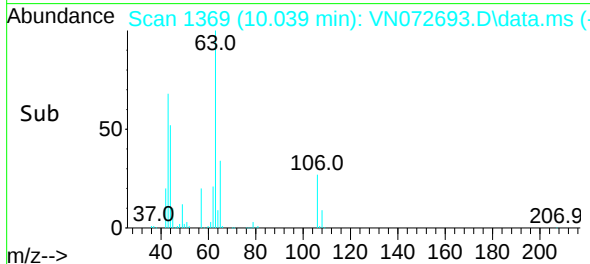
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 63 Resp: 22128
Ion Ratio Lower Upper
63 100
65 32.1 25.4 38.0
106 26.7 23.2 34.8

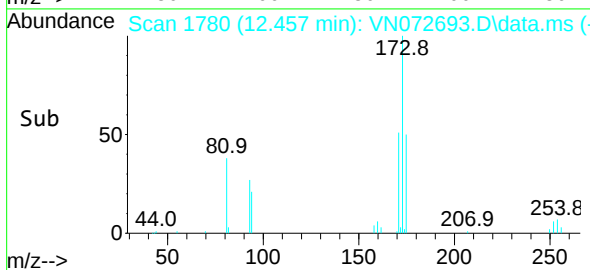
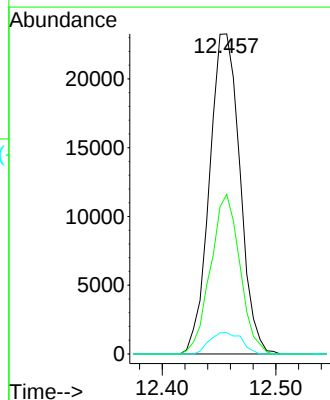
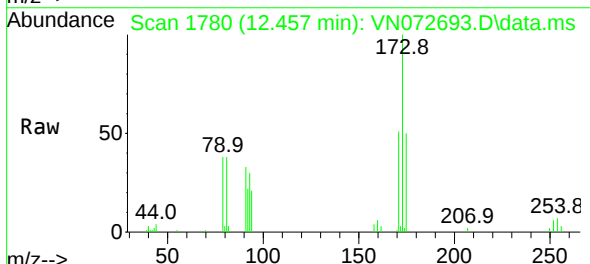
Manual Integrations
APPROVED

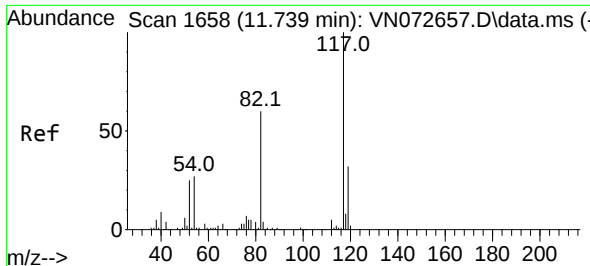
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#56
Bromoform
Concen: 17.838 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. 0.006 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

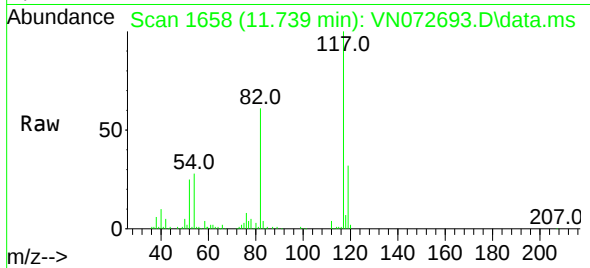
Tgt Ion:173 Resp: 43313
Ion Ratio Lower Upper
173 100
175 48.0 38.6 58.0
254 7.1 0.0 0.0#





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

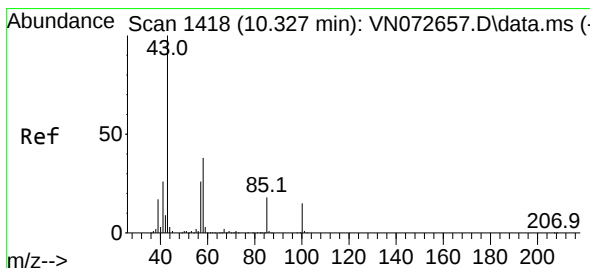
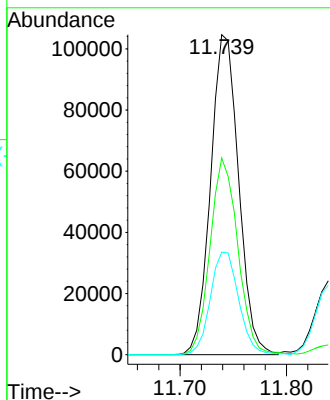
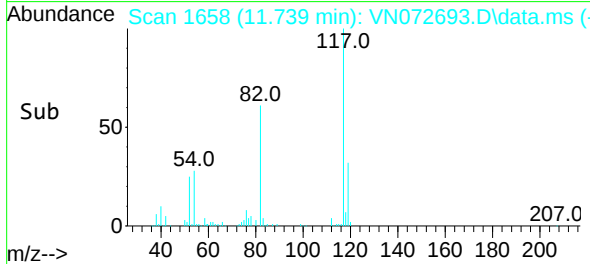
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



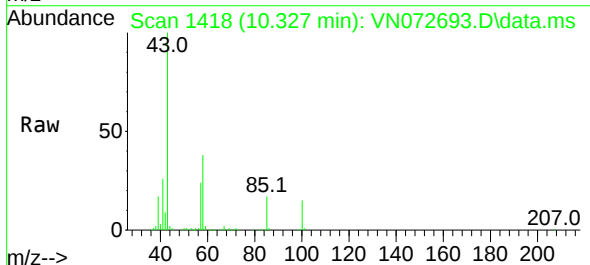
Tgt Ion:117 Resp: 191109
Ion Ratio Lower Upper
117 100
82 61.0 43.6 65.4
119 32.5 25.8 38.6

Manual Integrations
APPROVED

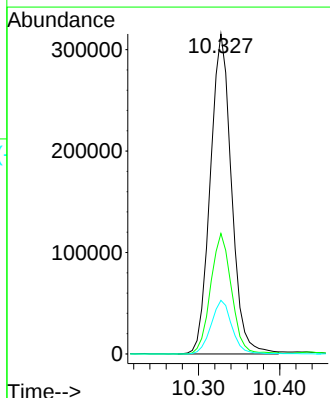
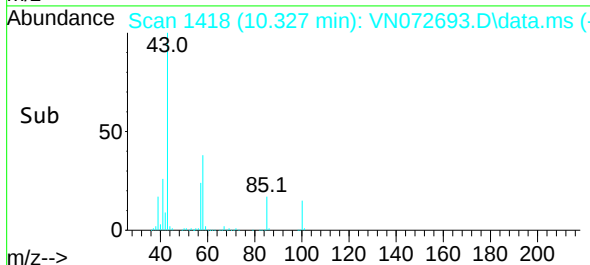
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

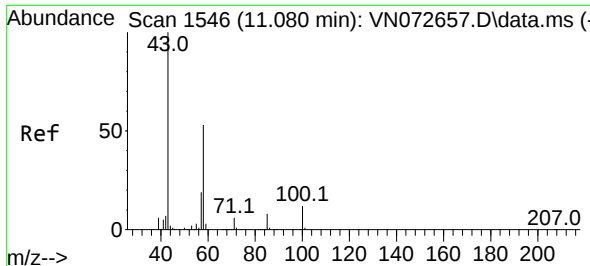


#58
4-Methyl-2-Pentanone
Concen: 99.949 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30



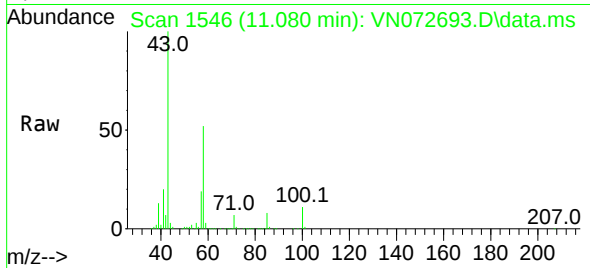
Tgt Ion: 43 Resp: 572912
Ion Ratio Lower Upper
43 100
58 37.3 30.0 45.0
85 16.4 15.0 22.6





#59
2-Hexanone
Concen: 99.022 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

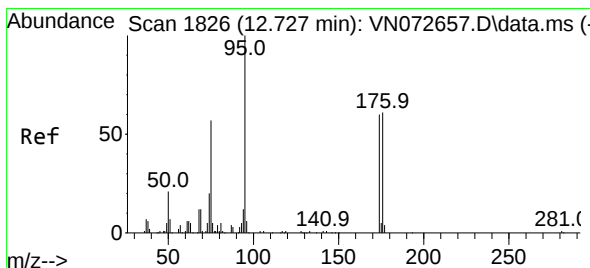
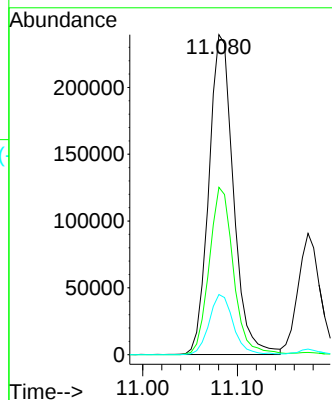
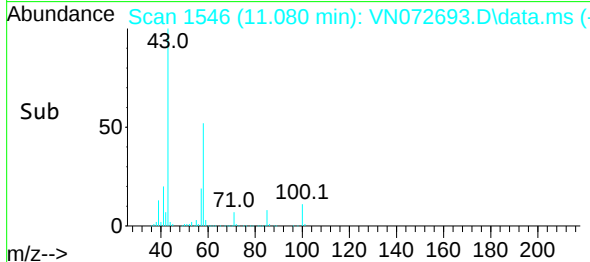
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 43 Resp: 43032
Ion Ratio Lower Upper
43 100
58 51.7 42.2 63.2
57 18.4 15.0 22.4

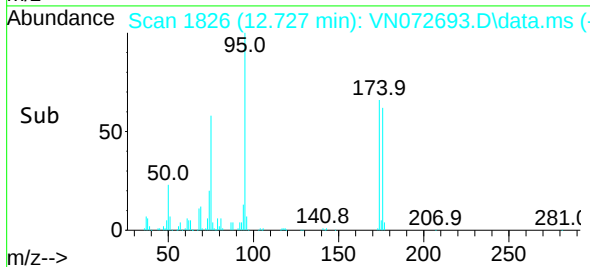
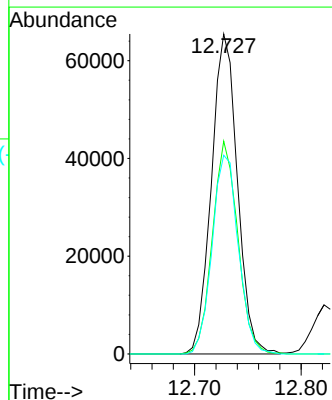
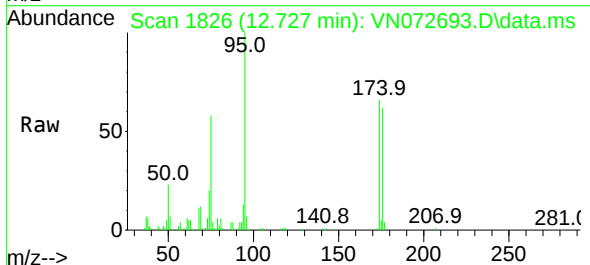
Manual Integrations
APPROVED

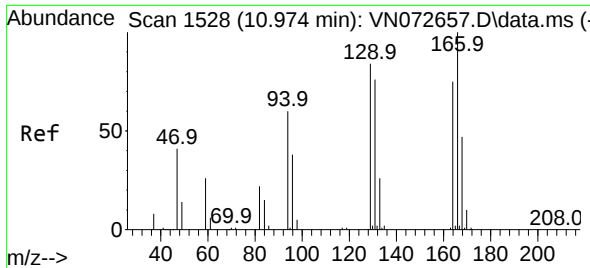
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#60
4-Bromofluorobenzene
Concen: 28.175 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

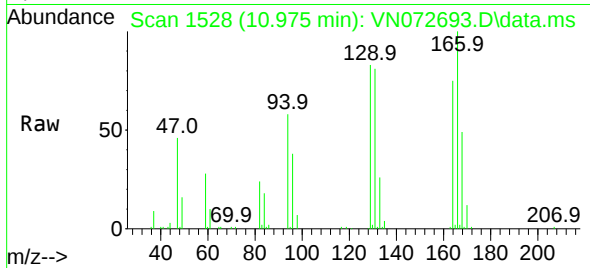
Tgt Ion: 95 Resp: 110748
Ion Ratio Lower Upper
95 100
174 65.2 62.9 94.3
176 62.8 61.0 91.4





#61
Tetrachloroethene
Concen: 19.979 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

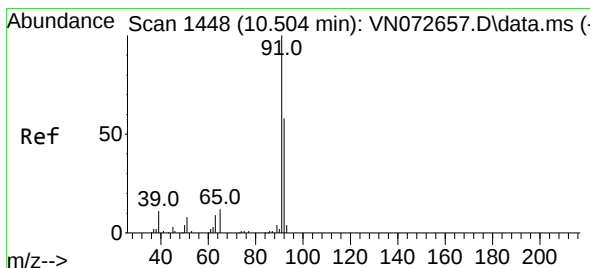
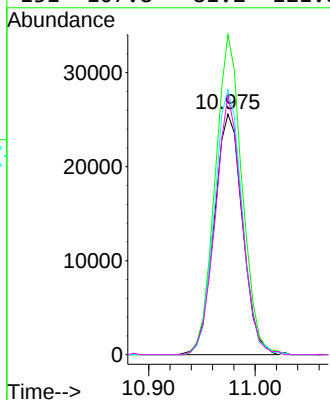
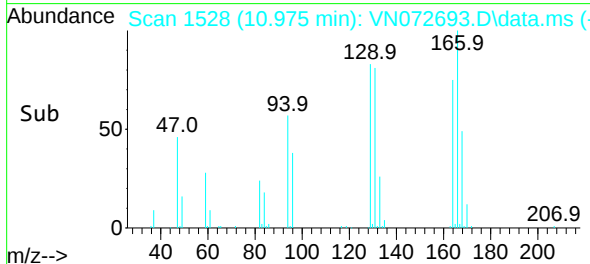
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



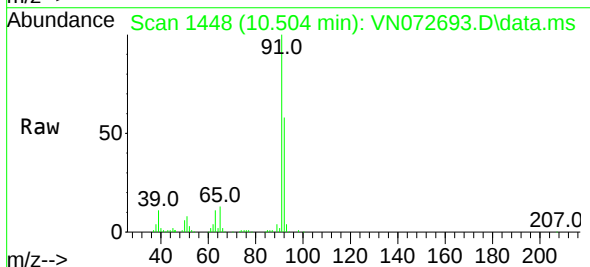
Tgt Ion:164 Resp: 4725
Ion Ratio Lower Upper
164 100
166 133.1 105.8 158.8
129 110.2 82.5 123.7
131 107.8 81.2 121.8

Manual Integrations
APPROVED

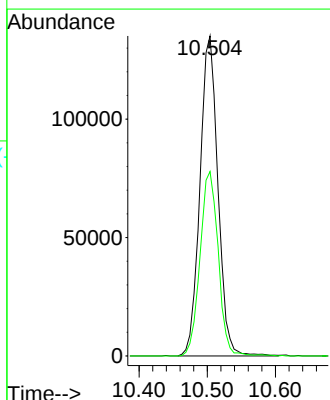
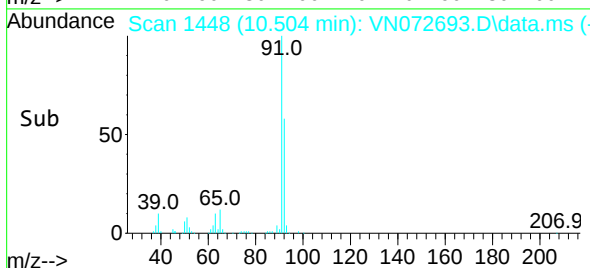
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

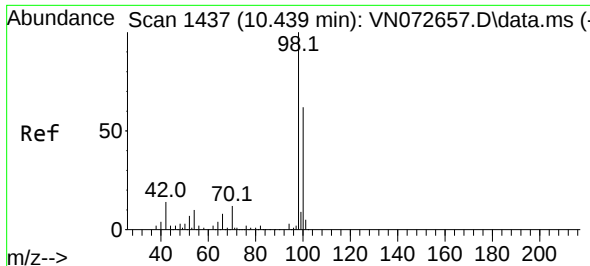


#62
Toluene
Concen: 19.130 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30



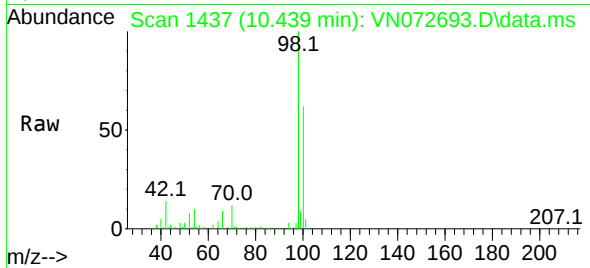
Tgt Ion: 91 Resp: 247891
Ion Ratio Lower Upper
91 100
92 57.7 44.6 67.0





#63
Toluene-d8
Concen: 30.254 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

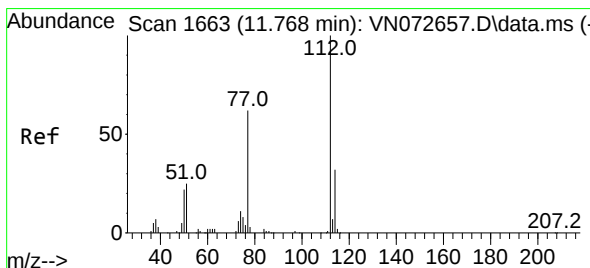
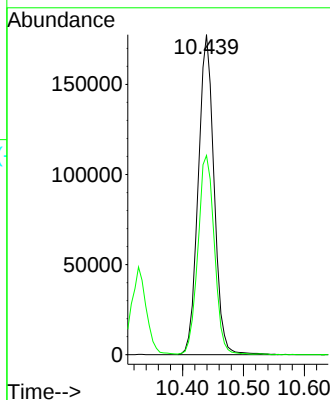
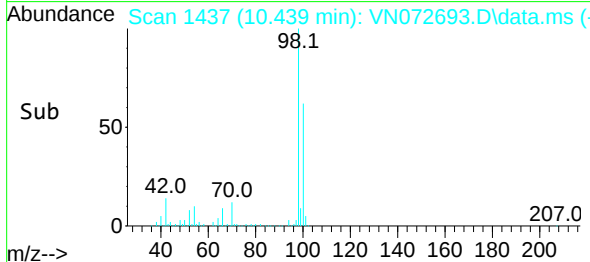
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



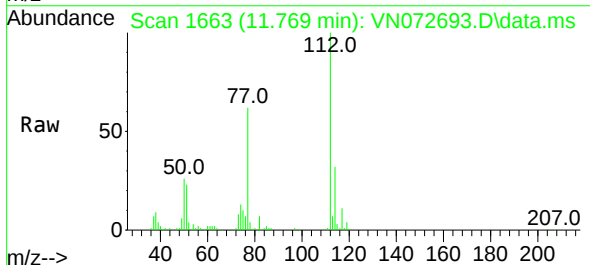
Tgt Ion: 98 Resp: 320283
Ion Ratio Lower Upper
98 100
100 64.8 50.6 76.0

Manual Integrations
APPROVED

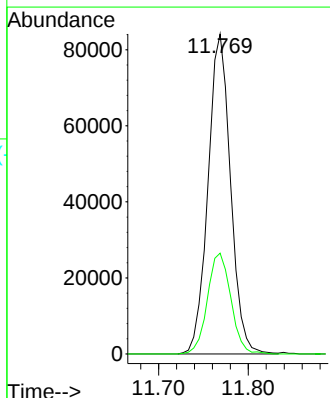
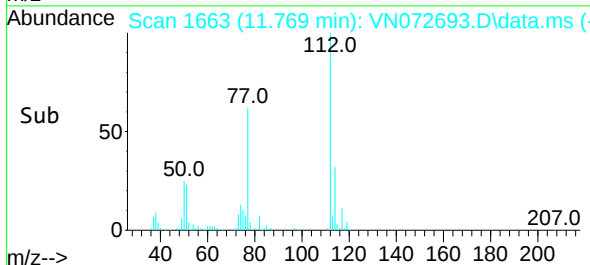
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

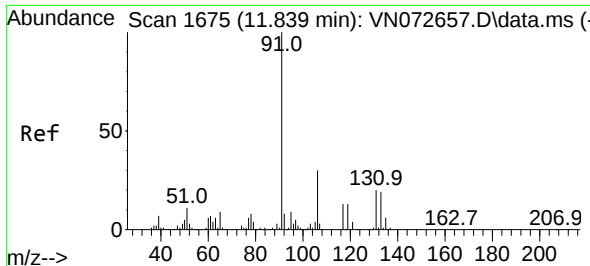


#64
Chlorobenzene
Concen: 18.565 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30



Tgt Ion:112 Resp: 146468
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6





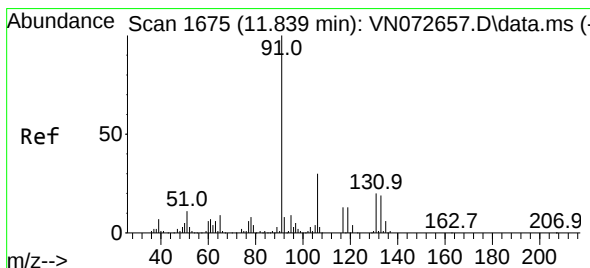
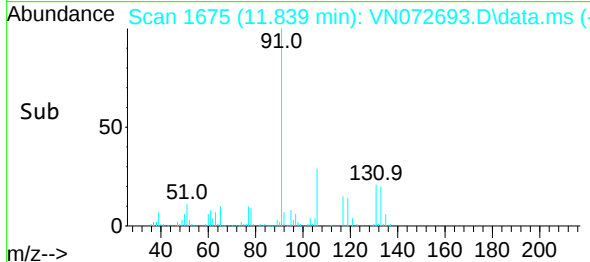
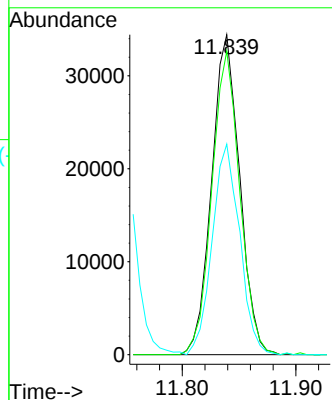
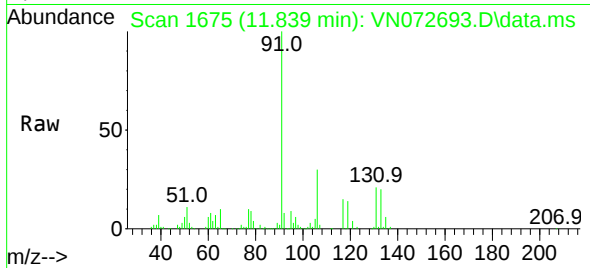
#65
1,1,1,2-Tetrachloroethane
Concen: 18.989 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:131 Resp: 5906
Ion Ratio Lower Upper
131 100
133 94.3 0.0 191.2
119 64.4 0.0 128.8

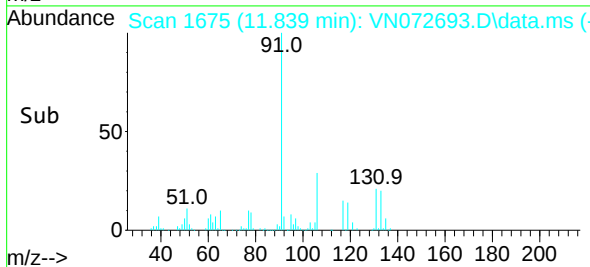
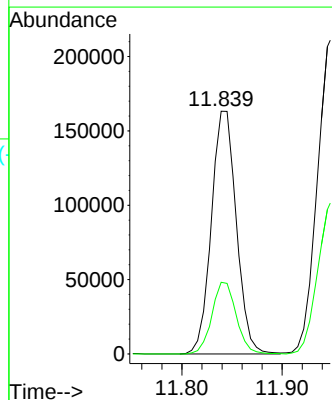
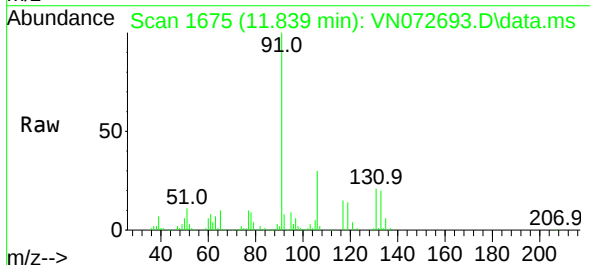
Manual Integrations
APPROVED

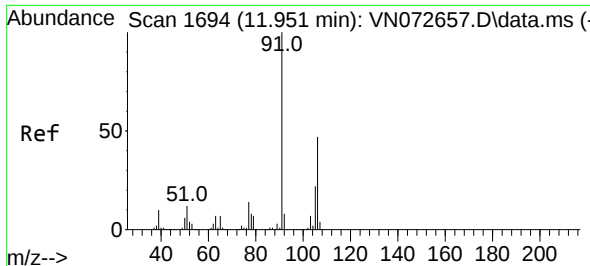
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#66
Ethyl Benzene
Concen: 19.021 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

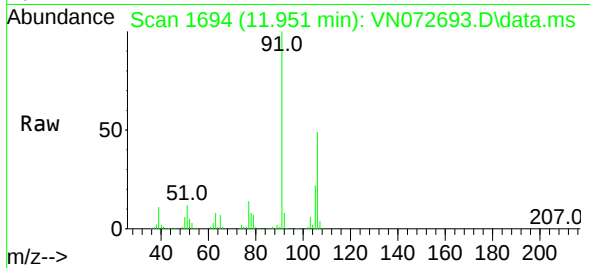
Tgt Ion: 91 Resp: 282983
Ion Ratio Lower Upper
91 100
106 29.6 24.0 36.0





#67
m/p-Xylenes
Concen: 37.529 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

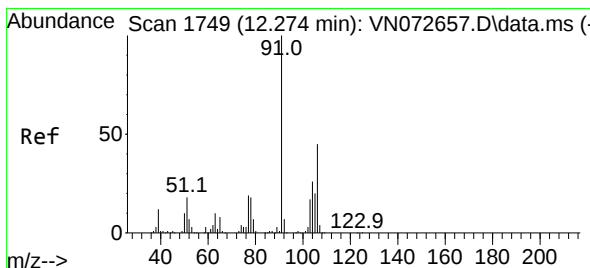
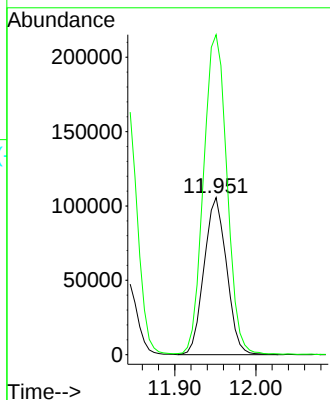
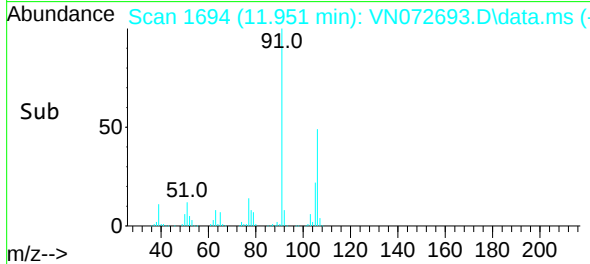
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



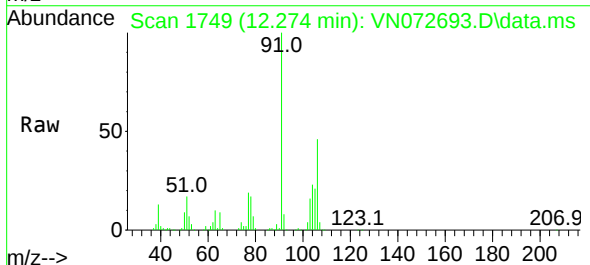
Tgt Ion:106 Resp: 203644
Ion Ratio Lower Upper
106 100
91 212.1 162.9 244.3

Manual Integrations
APPROVED

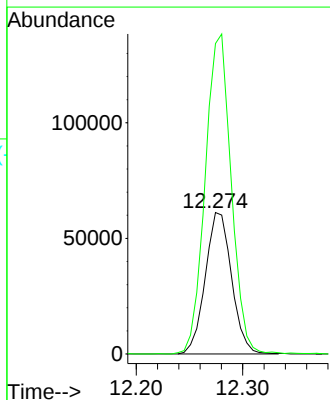
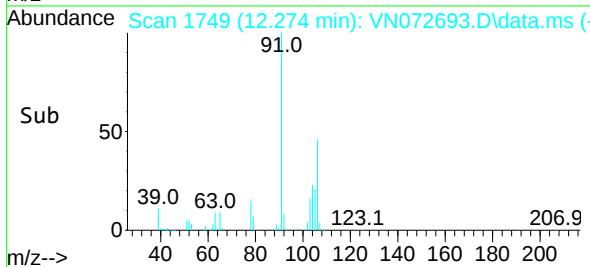
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

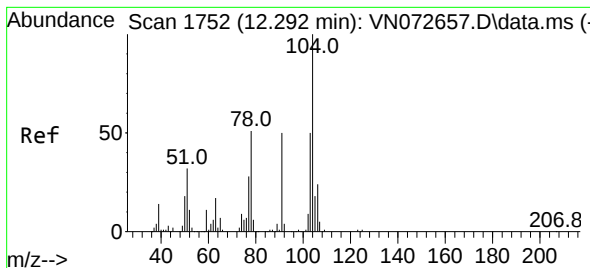


#68
o-Xylene
Concen: 18.977 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30



Tgt Ion:106 Resp: 105049
Ion Ratio Lower Upper
106 100
91 223.1 107.7 323.1





#69

Styrene

Concen: 18.270 ug/l

RT: 12.292 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN072693.D

Acq: 07 Jun 2022 17:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

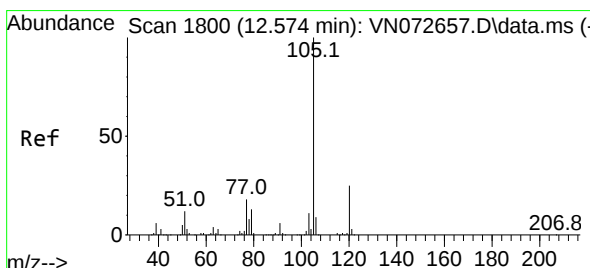
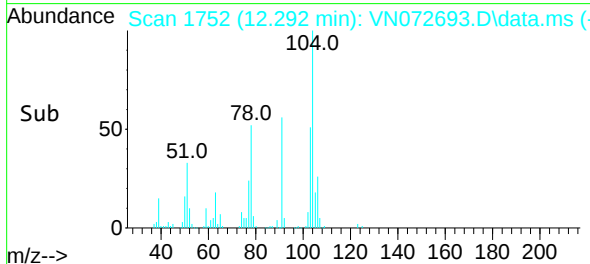
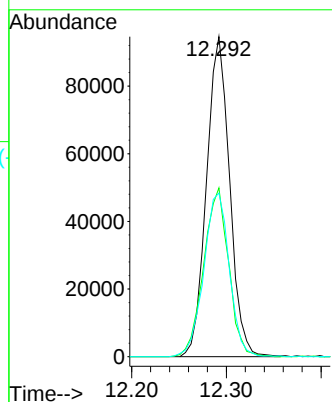
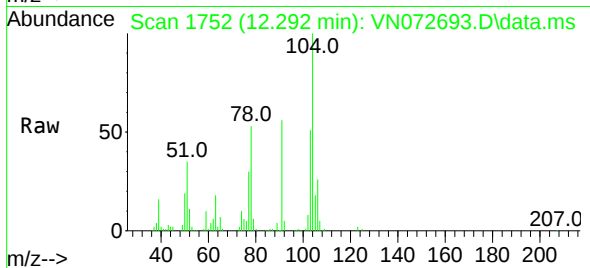
Tgt Ion:104 Resp: 160552
 Ion Ratio Lower Upper
 104 100
 78 56.8 40.7 61.1
 103 56.5 45.8 68.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#70

Isopropylbenzene

Concen: 18.854 ug/l

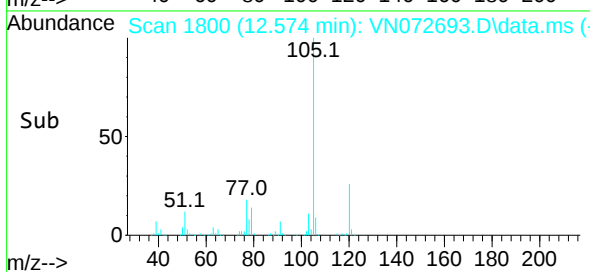
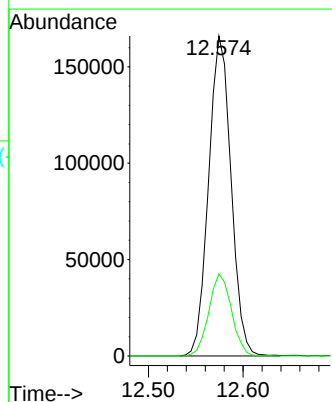
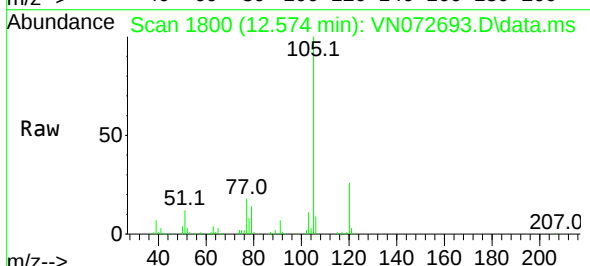
RT: 12.574 min Scan# 1800

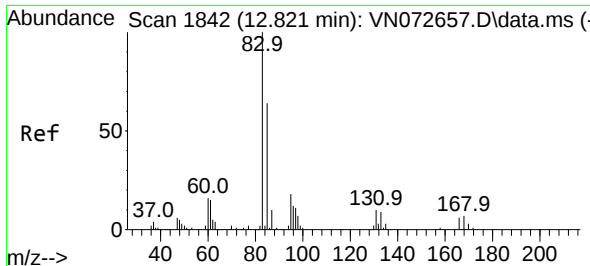
Delta R.T. 0.000 min

Lab File: VN072693.D

Acq: 07 Jun 2022 17:30

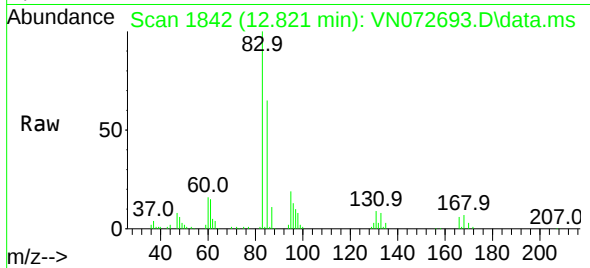
Tgt Ion:105 Resp: 272727
 Ion Ratio Lower Upper
 105 100
 120 25.8 18.3 34.1





#71
1,1,2,2-Tetrachloroethane
Concen: 19.804 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

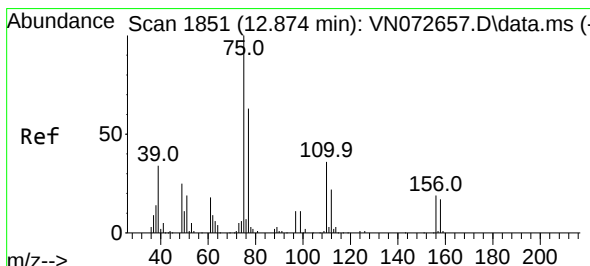
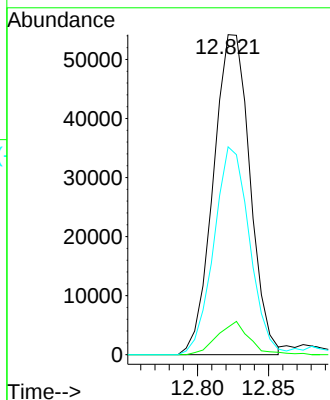
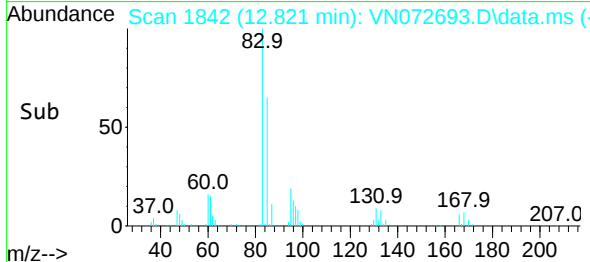
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



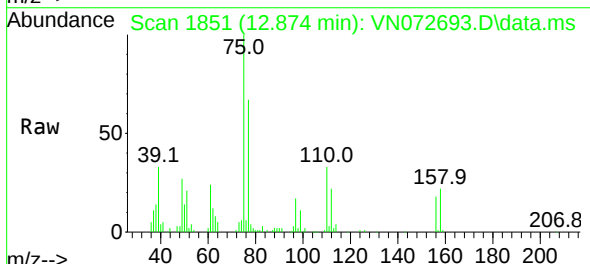
Tgt Ion: 83 Resp: 96970
Ion Ratio Lower Upper
83 100
131 9.1 5.1 15.3
85 63.3 33.1 99.2

Manual Integrations
APPROVED

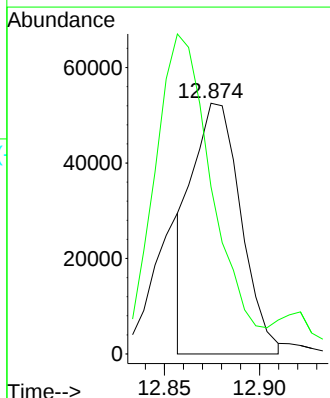
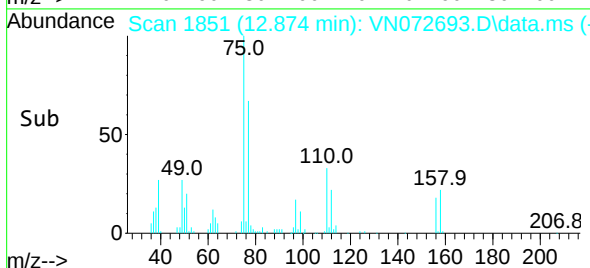
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

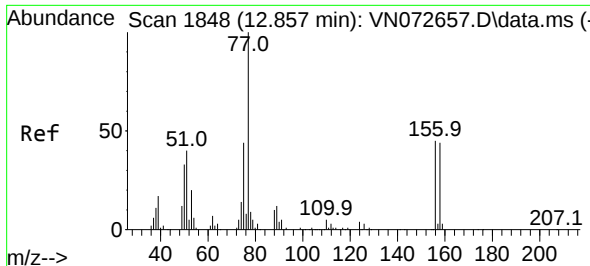


#72
1,2,3-Trichloropropane
Concen: 21.958 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30



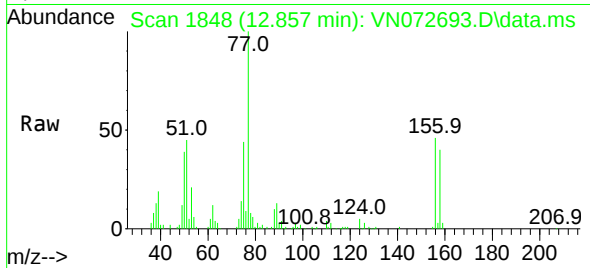
Tgt Ion: 75 Resp: 93830
Ion Ratio Lower Upper
75 100
77 153.4 0.0 378.0





#73
Bromobenzene
Concen: 18.048 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

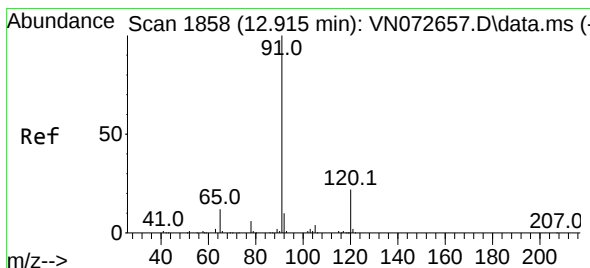
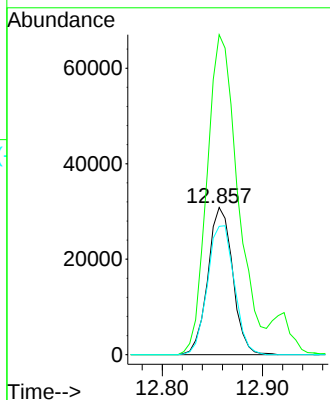
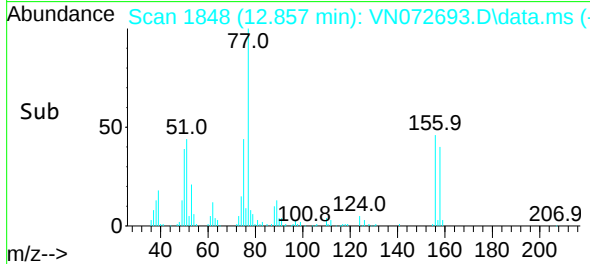
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion:156 Resp: 53072
Ion Ratio Lower Upper
156 100
77 271.3 0.0 416.0
158 94.6 0.0 195.4

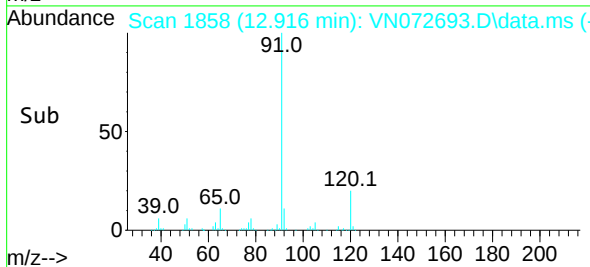
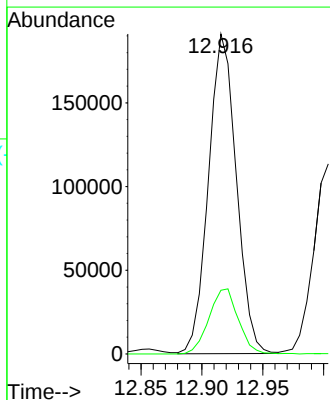
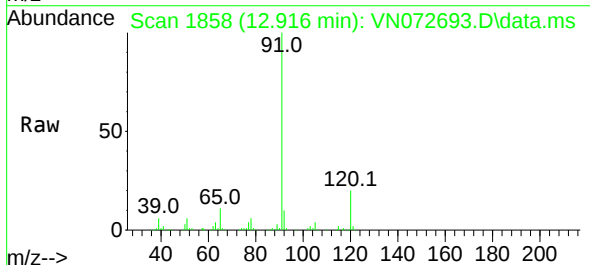
Manual Integrations
APPROVED

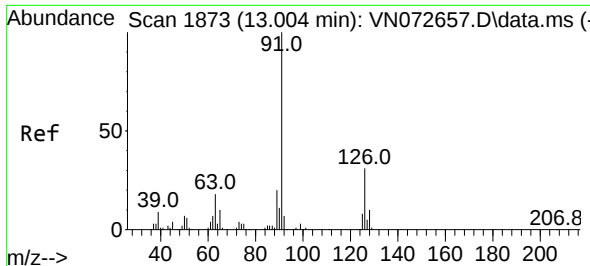
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#74
n-propylbenzene
Concen: 18.374 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

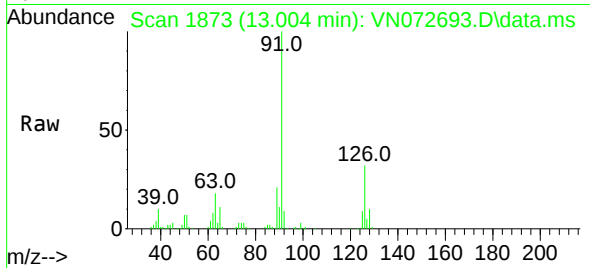
Tgt Ion: 91 Resp: 304133
Ion Ratio Lower Upper
91 100
120 21.4 0.0 45.0





#75
2-Chlorotoluene
Concen: 19.026 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

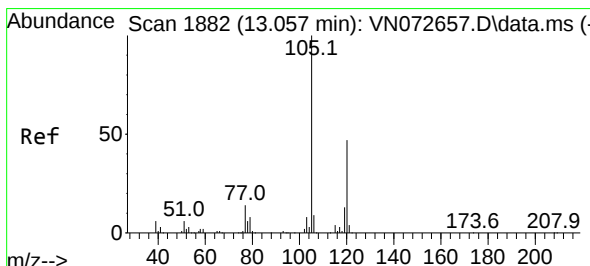
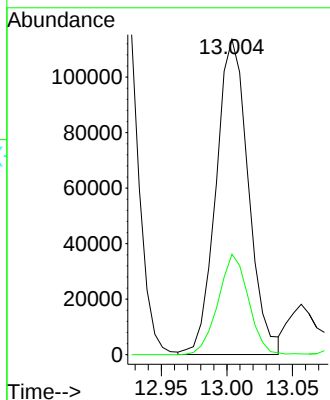
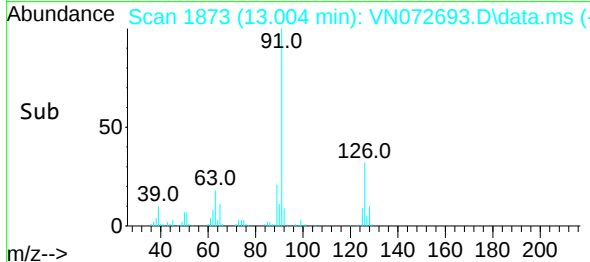
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



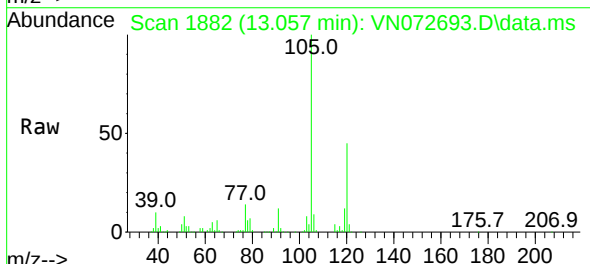
Tgt Ion: 91 Resp: 19520
Ion Ratio Lower Upper
91 100
126 29.7 0.0 69.8

Manual Integrations
APPROVED

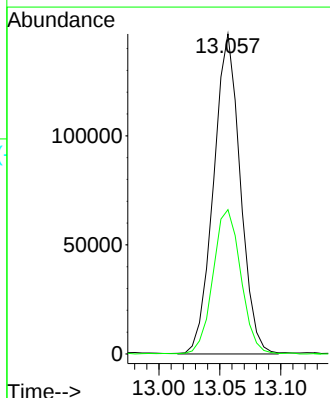
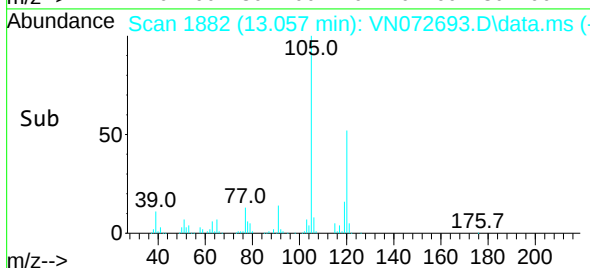
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

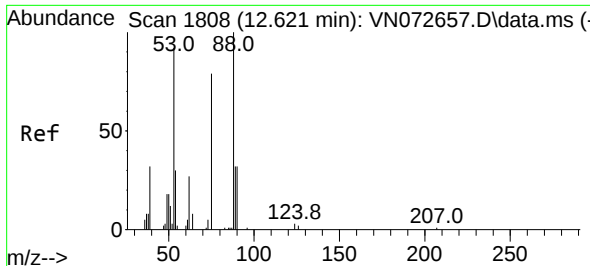


#76
1,3,5-Trimethylbenzene
Concen: 18.896 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30



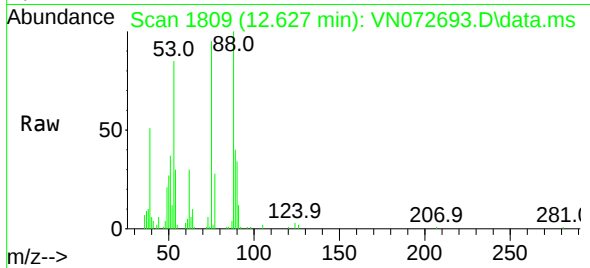
Tgt Ion:105 Resp: 224349
Ion Ratio Lower Upper
105 100
120 46.9 0.0 93.8





#77
t-1,4-Dichloro-2-butene
Concen: 16.984 ug/l
RT: 12.627 min Scan# 1809
Delta R.T. 0.006 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

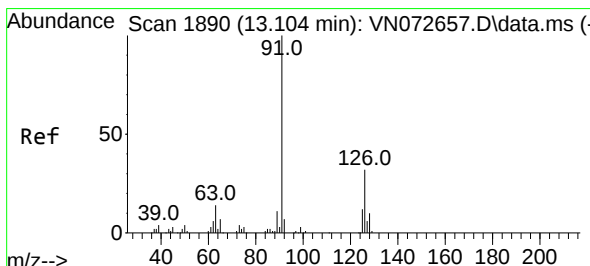
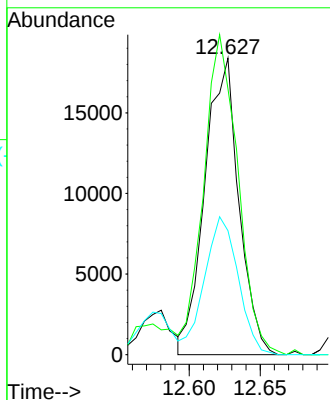
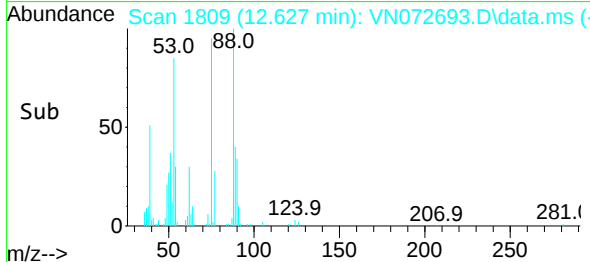
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 75 Resp: 30589
Ion Ratio Lower Upper
75 100
53 88.5 51.8 155.5
89 41.8 22.9 68.7

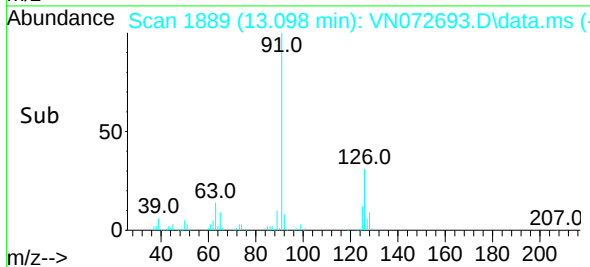
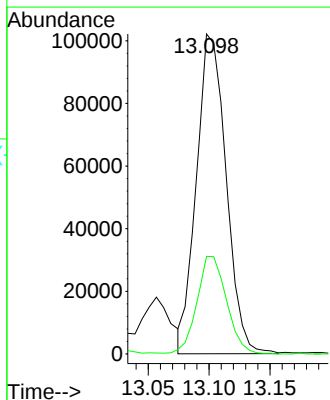
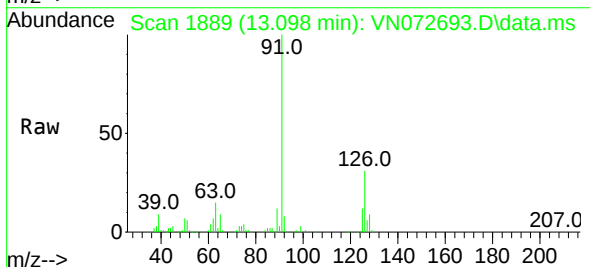
Manual Integrations
APPROVED

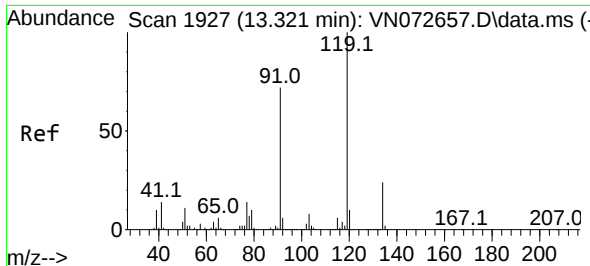
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#78
4-Chlorotoluene
Concen: 17.870 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

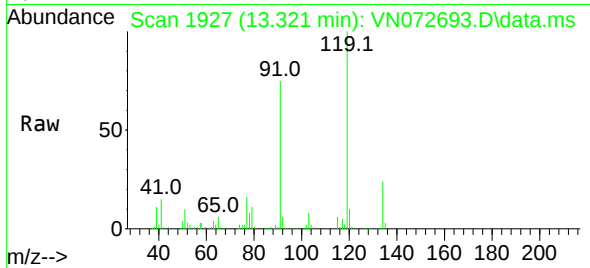
Tgt Ion: 91 Resp: 173213
Ion Ratio Lower Upper
91 100
126 30.5 0.0 70.6





#79
tert-butylbenzene
Concen: 18.205 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

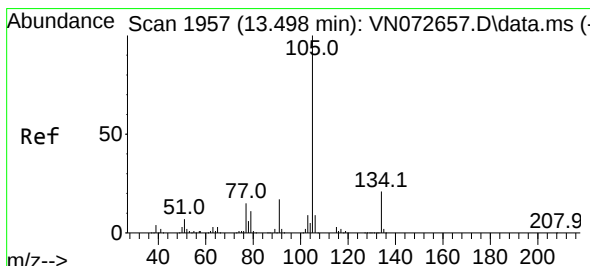
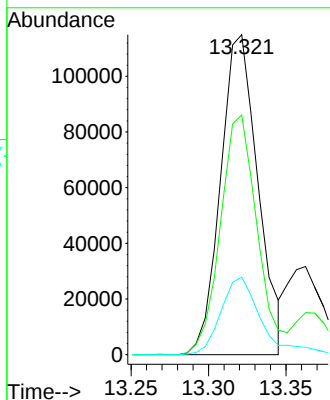
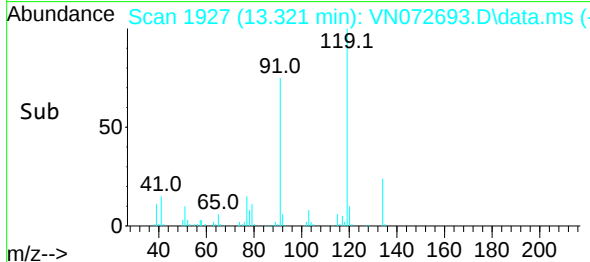
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



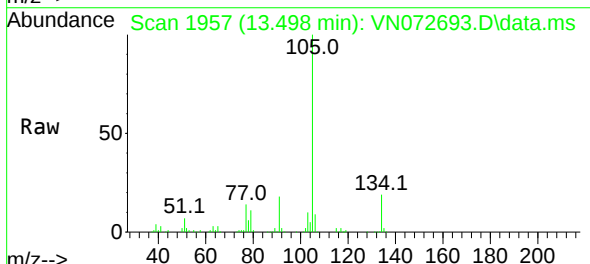
Tgt Ion:119 Resp: 192964
Ion Ratio Lower Upper
119 100
91 73.9 0.0 137.0
134 23.8 0.0 47.6

Manual Integrations
APPROVED

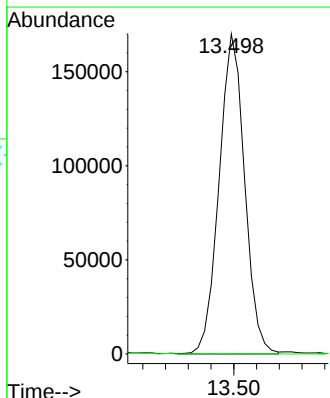
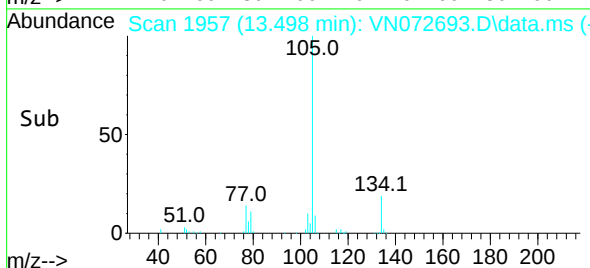
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

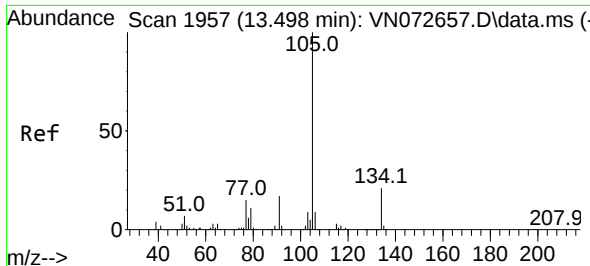


#80
1,2,4-Trimethylbenzene
Concen: 18.519 ug/l
RT: 13.498 min Scan# 1957
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30



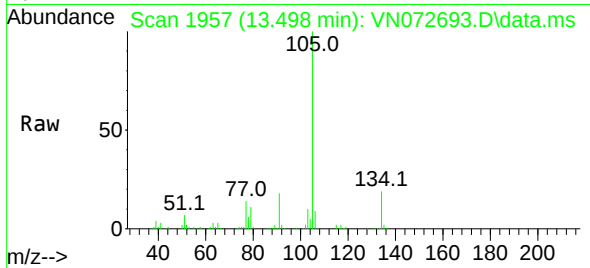
Tgt Ion:105 Resp: 265110
Ion Ratio Lower Upper
105 100
120 0.1 0.0 0.2





#81
 sec-Butylbenzene
 Concen: 18.519 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN072693.D
 Acq: 07 Jun 2022 17:30

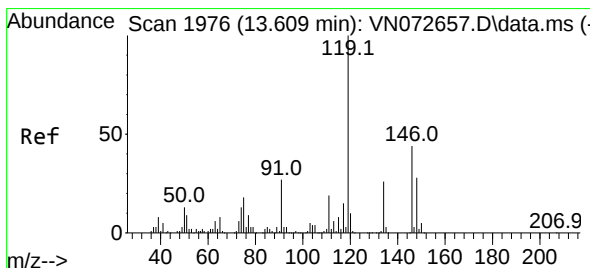
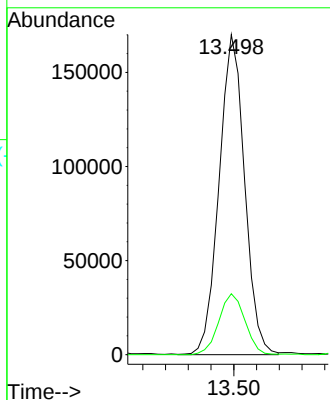
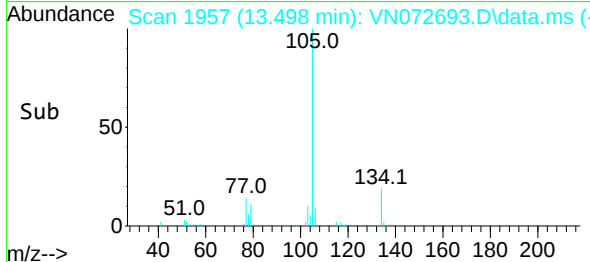
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC



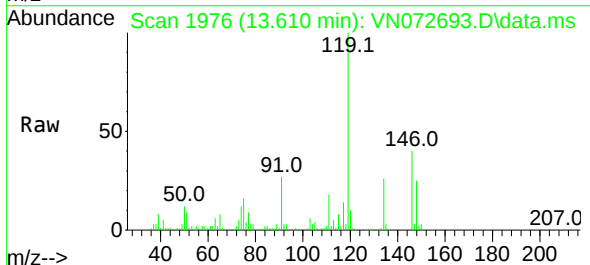
Tgt Ion:105 Resp: 265110
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 39.4

Manual Integrations
 APPROVED

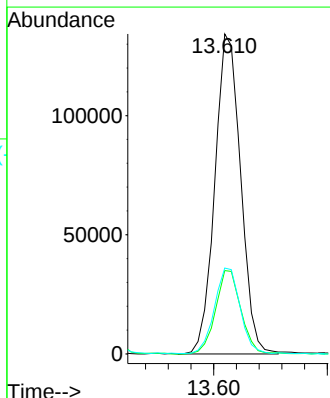
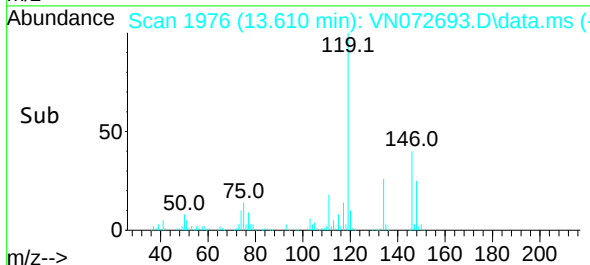
Reviewed By :John Carlone 06/08/2022
 Supervised By :Mahesh Dadoda 06/08/2022

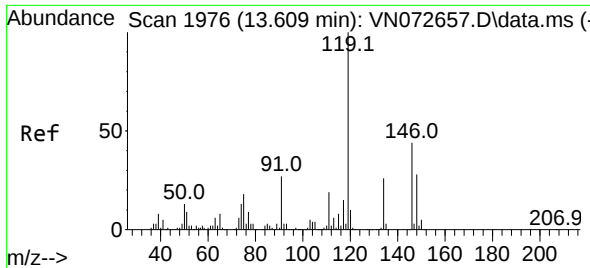


#82
 p-Isopropyltoluene
 Concen: 18.542 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN072693.D
 Acq: 07 Jun 2022 17:30



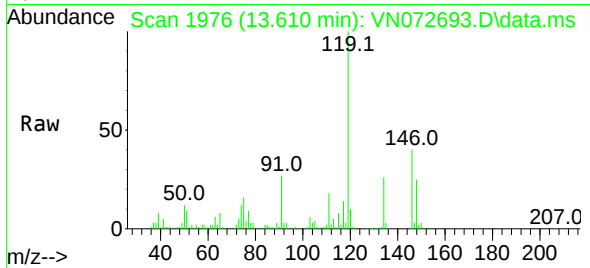
Tgt Ion:119 Resp: 211895
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 51.8
 91 26.6 0.0 50.4





#83
1,3-Dichlorobenzene
Concen: 18.573 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

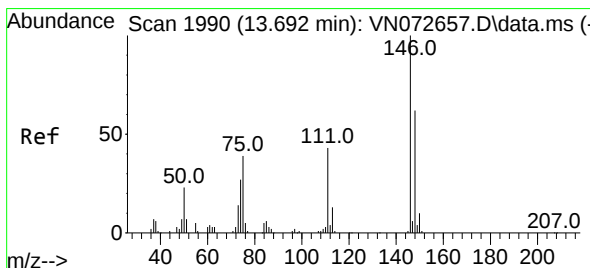
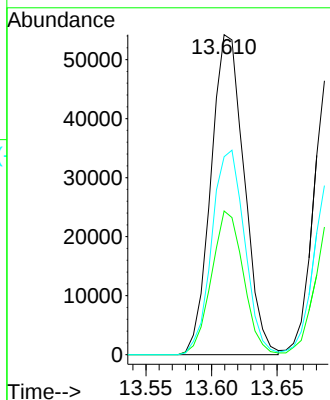
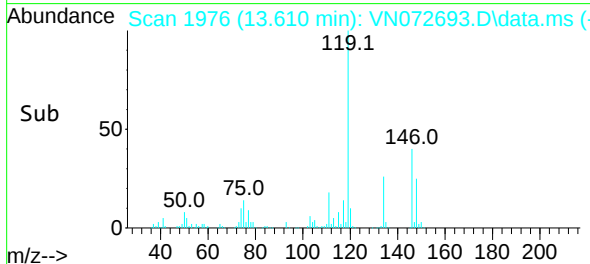
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



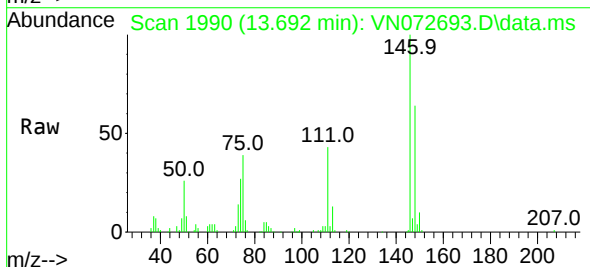
Tgt Ion:146 Resp: 9561
Ion Ratio Lower Upper
146 100
111 43.3 20.8 62.2
148 63.1 31.4 94.3

Manual Integrations
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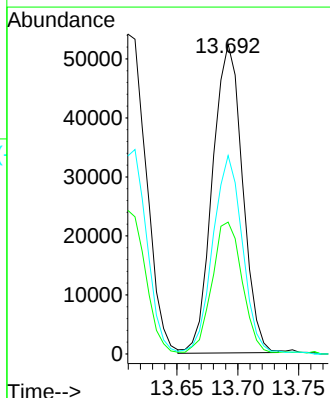
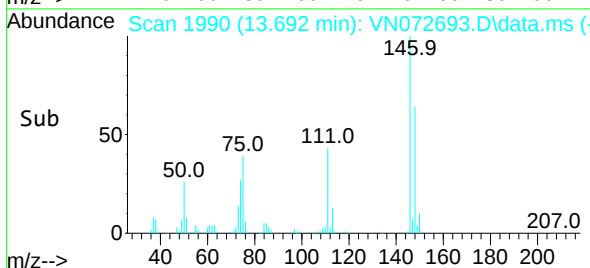
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022

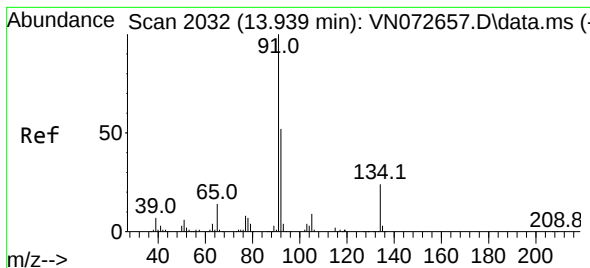


#84
1,4-Dichlorobenzene
Concen: 17.982 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30



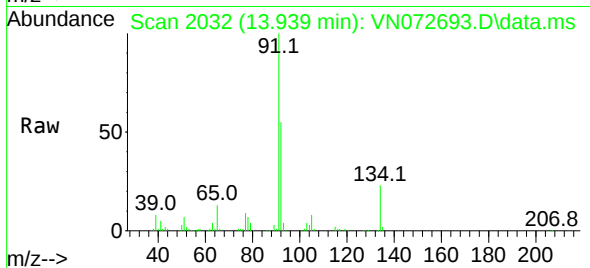
Tgt Ion:146 Resp: 89880
Ion Ratio Lower Upper
146 100
111 43.3 19.5 58.5
148 63.6 31.1 93.5





#85
n-Butylbenzene
Concen: 17.611 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

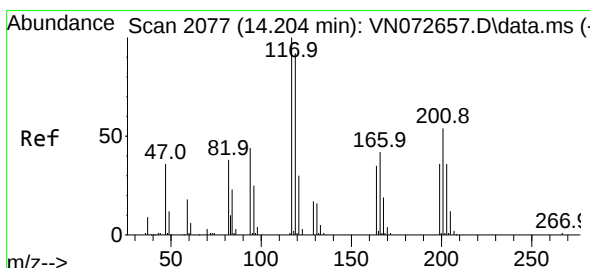
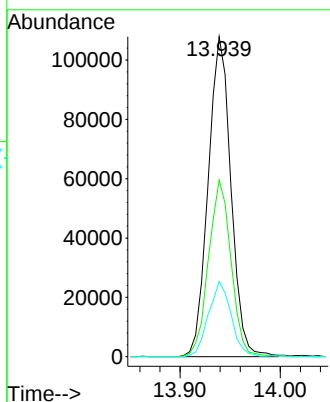
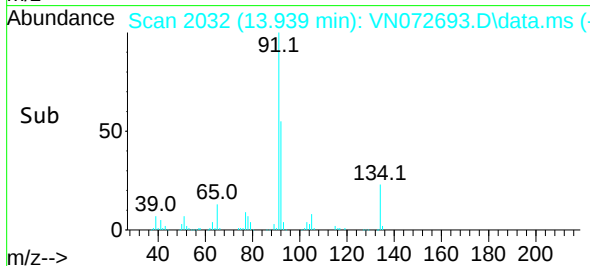
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



Tgt Ion: 91 Resp: 170649
Ion Ratio Lower Upper
91 100
92 54.4 0.0 100.6
134 23.3 0.0 50.2

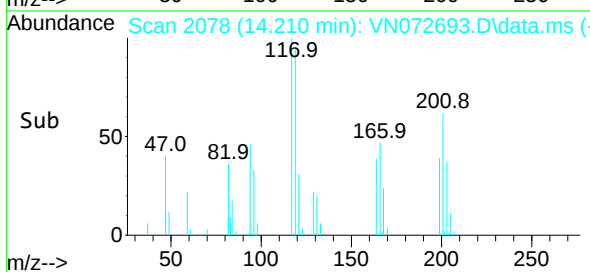
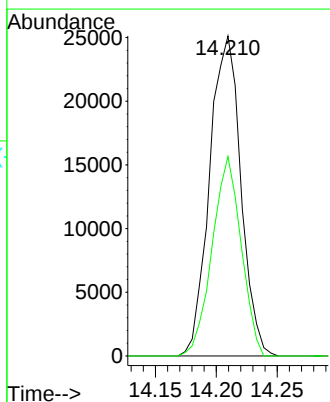
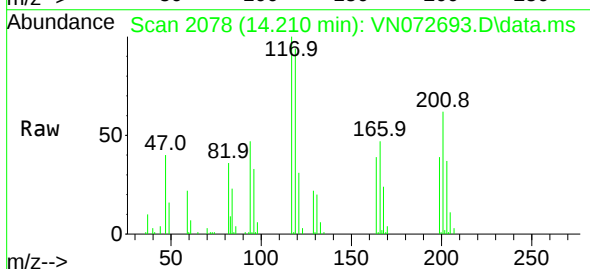
Manual Integrations
APPROVED

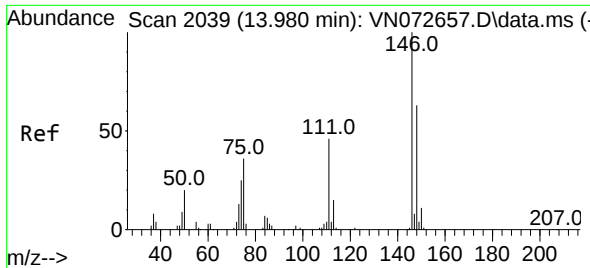
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#86
Hexachloroethane
Concen: 17.729 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.006 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

Tgt Ion:117 Resp: 44834
Ion Ratio Lower Upper
117 100
201 57.7 33.3 99.8





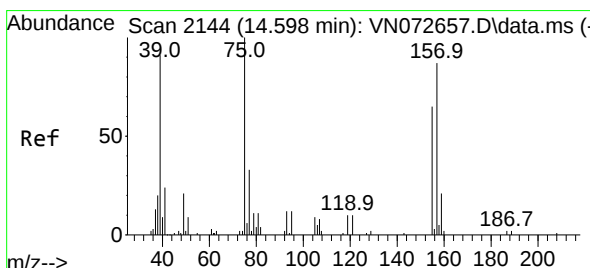
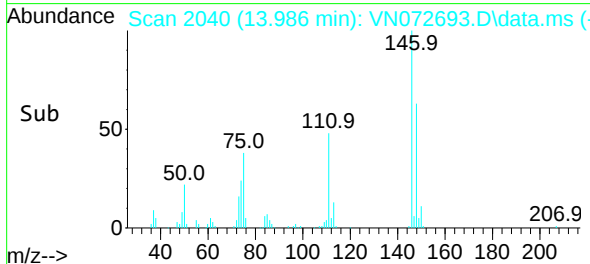
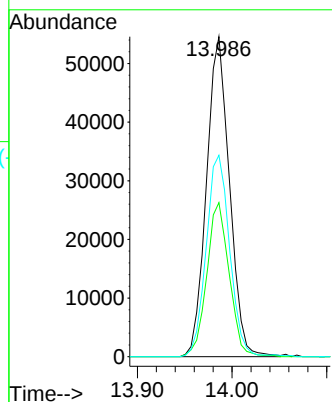
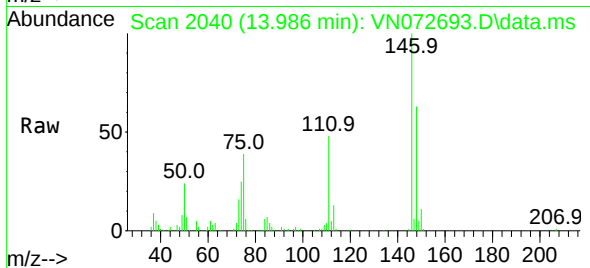
#87
1,2-Dichlorobenzene
Concen: 18.098 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion:146 Resp: 92200
Ion Ratio Lower Upper
146 100
111 46.9 21.4 64.2
148 63.8 32.5 97.4

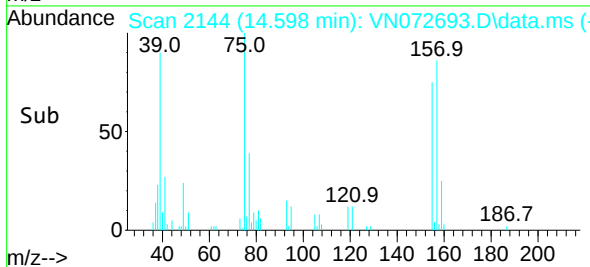
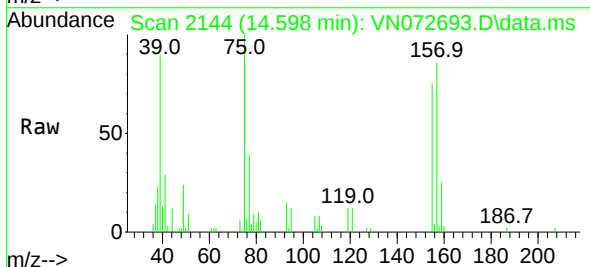
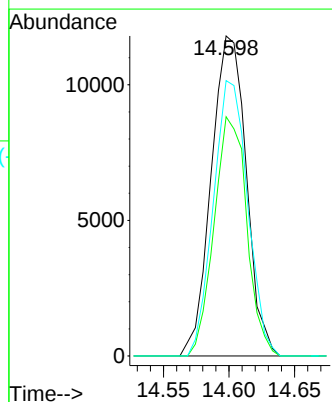
Manual Integrations
APPROVED

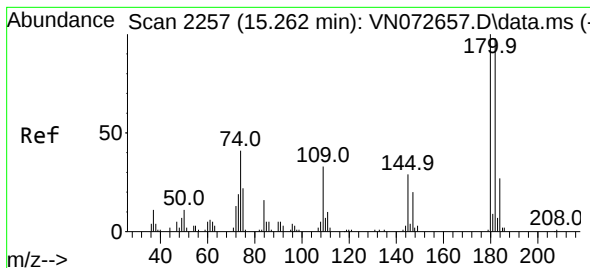
Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#88
1,2-Dibromo-3-Chloropropane
Concen: 17.864 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

Tgt Ion: 75 Resp: 21932
Ion Ratio Lower Upper
75 100
155 69.5 63.8 95.8
157 84.1 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 17.555 ug/l

RT: 15.262 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN072693.D

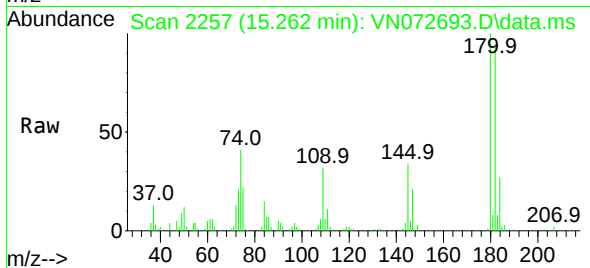
Acq: 07 Jun 2022 17:30

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC



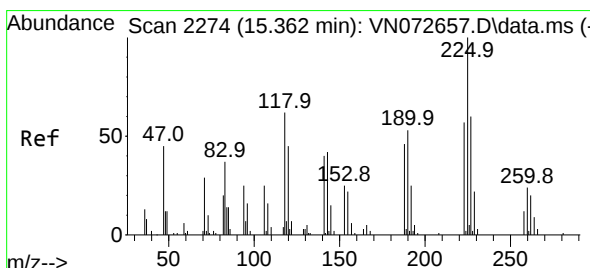
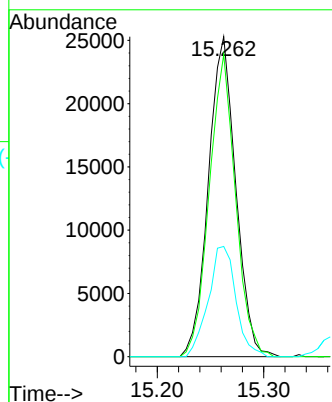
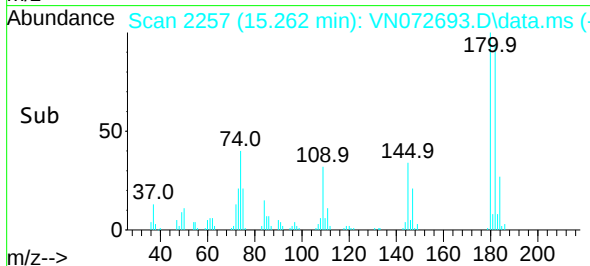
Tgt Ion:	180	Resp:	45069
Ion Ratio	Lower	Upper	
180	100		
182	90.8	77.7	116.5
145	34.8	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/08/2022

Supervised By :Mahesh Dadoda 06/08/2022



#90

Hexachlorobutadiene

Concen: 18.630 ug/l

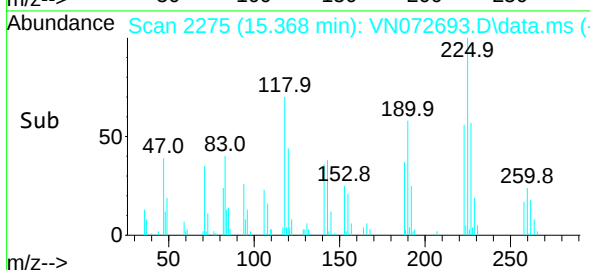
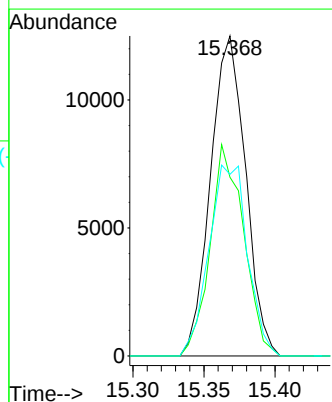
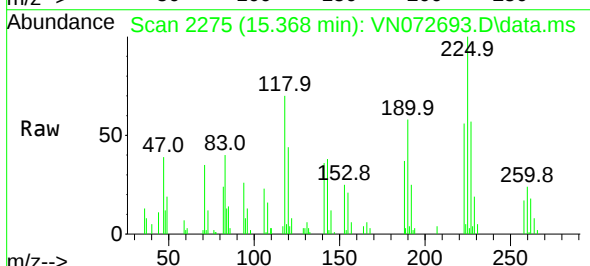
RT: 15.368 min Scan# 2275

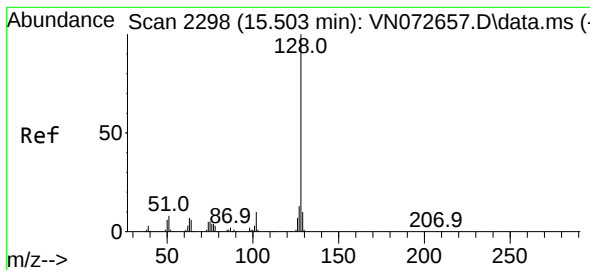
Delta R.T. 0.006 min

Lab File: VN072693.D

Acq: 07 Jun 2022 17:30

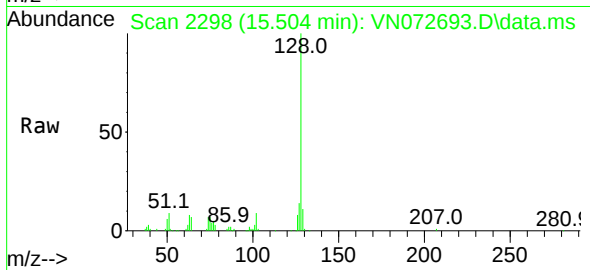
Tgt Ion:	225	Resp:	21458
Ion Ratio	Lower	Upper	
225	100		
223	63.2	0.0	126.8
227	65.7	0.0	123.0





#91
Naphthalene
Concen: 16.674 ug/l
RT: 15.504 min Scan# 2298
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30

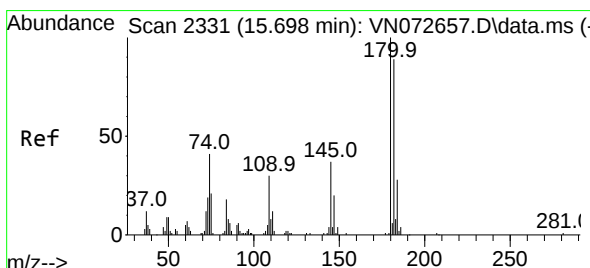
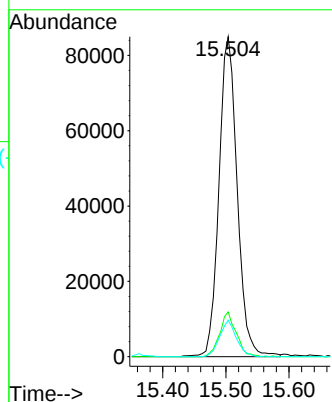
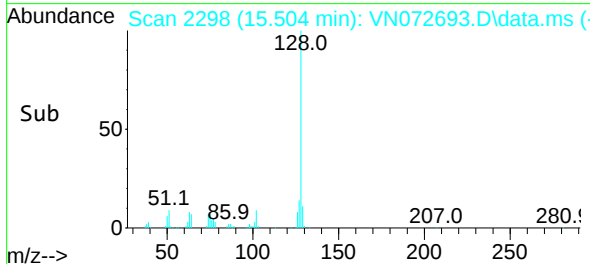
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC



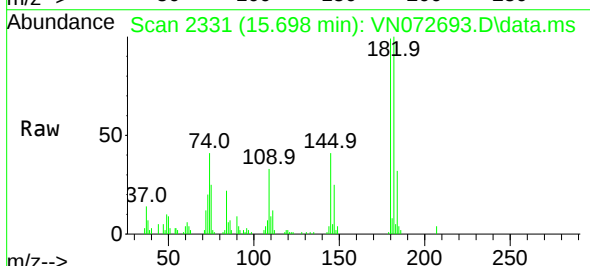
Tgt Ion:128 Resp: 170809
Ion Ratio Lower Upper
128 100
127 12.6 10.7 16.1
129 10.4 9.0 13.6

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/08/2022
Supervised By :Mahesh Dadoda 06/08/2022



#92
1,2,3-Trichlorobenzene
Concen: 17.225 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.000 min
Lab File: VN072693.D
Acq: 07 Jun 2022 17:30



Tgt Ion:180 Resp: 44988
Ion Ratio Lower Upper
180 100
182 95.0 0.0 190.0
145 38.6 0.0 67.8

