

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061822\
 Data File : VN072921.D
 Acq On : 18 Jun 2022 06:50
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/20/2022
 Supervised By : Mahesh Dadoda 06/20/2022

Quant Time: Jun 20 08:00:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 06:22:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	344887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	580114	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	512560	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	236814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.363	65	216085	46.342	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.680%		
35) Dibromofluoromethane	7.945	113	173664	48.433	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.860%		
50) Toluene-d8	10.375	98	655659	49.142	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.280%		
62) 4-Bromofluorobenzene	12.663	95	237566	49.517	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	172378	52.494	ug/l	100
3) Chloromethane	2.269	50	167422	47.460	ug/l	100
4) Vinyl Chloride	2.410	62	147114	49.956	ug/l	99
5) Bromomethane	2.793	94	71314	61.517	ug/l	97
6) Chloroethane	2.963	64	89008	48.312	ug/l	99
7) Trichlorofluoromethane	3.316	101	271878	56.693	ug/l	98
8) Diethyl Ether	3.763	74	116220	46.958	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.146	101	166610	50.261	ug/l	100
10) Methyl Iodide	4.346	142	181214	47.693	ug/l	98
11) Tert butyl alcohol	5.281	59	233659	193.995	ug/l	99
12) 1,1-Dichloroethene	4.116	96	159121	48.189	ug/l	99
13) Acrolein	3.981	56	95378	201.064	ug/l	98
14) Allyl chloride	4.757	41	324265	45.964	ug/l #	94
15) Acrylonitrile	5.475	53	595965	214.644	ug/l	100
16) Acetone	4.222	43	511608	199.605	ug/l	95
17) Carbon Disulfide	4.457	76	406494	48.047	ug/l	100
18) Methyl Acetate	4.775	43	277350	40.635	ug/l	93
19) Methyl tert-butyl Ether	5.528	73	591596	47.705	ug/l	99
20) Methylene Chloride	5.010	84	184437	46.375	ug/l	90
21) trans-1,2-Dichloroethene	5.510	96	170038	47.340	ug/l	93
22) Diisopropyl ether	6.410	45	628907	47.819	ug/l	97
23) Vinyl Acetate	6.345	43	2890376	238.077	ug/l	94
24) 1,1-Dichloroethane	6.304	63	326756	47.390	ug/l	98
25) 2-Butanone	7.257	43	846141	208.038	ug/l	91
26) 2,2-Dichloropropane	7.245	77	293395	51.275	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	206508	48.123	ug/l	99
28) Bromochloromethane	7.581	49	138955	48.729	ug/l	90
29) Tetrahydrofuran	7.610	42	563676	209.869	ug/l	89
30) Chloroform	7.745	83	332993	47.705	ug/l	98
31) Cyclohexane	8.016	56	296664	47.035	ug/l	92
32) 1,1,1-Trichloroethane	7.939	97	296495	48.404	ug/l	99
36) 1,1-Dichloropropene	8.145	75	239324	49.327	ug/l	100
37) Ethyl Acetate	7.334	43	327908	42.254	ug/l	97
38) Carbon Tetrachloride	8.128	117	251008	49.185	ug/l	100
39) Methylcyclohexane	9.386	83	307797	52.632	ug/l	97
40) Benzene	8.386	78	747557	49.027	ug/l	98

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Quant Time: Jun 20 08:00:32 2022
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 Quant Title : SW846 8260
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Manual Integrations
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Reviewed By : John Carlone 06/20/2022
 Supervised By : Mahesh Dadoda 06/20/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	162118	44.053	ug/l	91
42) 1,2-Dichloroethane	8.457	62	266295	49.170	ug/l	98
43) Isopropyl Acetate	8.492	43	520771	46.945	ug/l	94
44) Trichloroethene	9.145	130	189844	49.130	ug/l	94
45) 1,2-Dichloropropane	9.422	63	191938	49.246	ug/l	98
46) Dibromomethane	9.510	93	131881	50.042	ug/l	94
47) Bromodichloromethane	9.692	83	264523	50.506	ug/l	97
48) Methyl methacrylate	9.492	41	246464	48.662	ug/l	91
49) 1,4-Dioxane	9.498	88	89359	784.126	ug/l #	91
51) 4-Methyl-2-Pentanone	10.263	43	1629694	225.284	ug/l	92
52) Toluene	10.439	92	479687	51.241	ug/l	97
53) t-1,3-Dichloropropene	10.651	75	299149	53.110	ug/l	98
54) cis-1,3-Dichloropropene	10.122	75	316954	51.516	ug/l	92
55) 1,1,2-Trichloroethane	10.833	97	191116	46.495	ug/l	99
56) Ethyl methacrylate	10.698	69	323577	49.114	ug/l	89
57) 1,3-Dichloropropane	10.980	76	323551	47.446	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.975	63	737073	253.403	ug/l	97
59) 2-Hexanone	11.022	43	1241986	221.980	ug/l	91
60) Dibromochloromethane	11.175	129	205211	52.825	ug/l	100
61) 1,2-Dibromoethane	11.280	107	203636	50.253	ug/l	99
64) Tetrachloroethene	10.910	164	157701	50.576	ug/l	97
65) Chlorobenzene	11.704	112	497075	49.658	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.774	131	189136	49.643	ug/l	97
67) Ethyl Benzene	11.780	91	912853	51.804	ug/l	100
68) m/p-Xylenes	11.886	106	699301	101.182	ug/l	98
69) o-Xylene	12.216	106	346088	50.113	ug/l	99
70) Styrene	12.227	104	573213	51.685	ug/l	99
71) Bromoform	12.392	173	150503	52.391	ug/l #	100
73) Isopropylbenzene	12.516	105	905281	49.413	ug/l	100
74) N-amyl acetate	12.322	43	439197	46.196	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.763	83	295235	44.746	ug/l	99
76) 1,2,3-Trichloropropane	12.816	75	258972m	45.105	ug/l	
77) Bromobenzene	12.792	156	212773	48.479	ug/l	92
78) n-propylbenzene	12.857	91	1060854	52.644	ug/l	98
79) 2-Chlorotoluene	12.939	91	636798	48.799	ug/l	97
80) 1,3,5-Trimethylbenzene	12.992	105	763064	50.706	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.563	75	105838	49.783	ug/l	99
82) 4-Chlorotoluene	13.039	91	620538	50.261	ug/l	99
83) tert-Butylbenzene	13.257	119	658673	47.791	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	748682	49.949	ug/l	99
85) sec-Butylbenzene	13.433	105	945482	51.425	ug/l	99
86) p-Isopropyltoluene	13.551	119	780862	52.459	ug/l	99
87) 1,3-Dichlorobenzene	13.545	146	384620	49.085	ug/l	100
88) 1,4-Dichlorobenzene	13.627	146	386311	48.710	ug/l	98
89) n-Butylbenzene	13.874	91	674503	55.494	ug/l	99
90) Hexachloroethane	14.145	117	144113	51.355	ug/l	90
91) 1,2-Dichlorobenzene	13.921	146	391579	47.919	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.533	75	70906	42.603	ug/l	96
93) 1,2,4-Trichlorobenzene	15.192	180	229650	50.781	ug/l	98
94) Hexachlorobutadiene	15.292	225	98429	50.015	ug/l	99
95) Naphthalene	15.427	128	823633	45.021	ug/l	99
96) 1,2,3-Trichlorobenzene	15.621	180	230652	47.762	ug/l	98

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VSTDCCC050

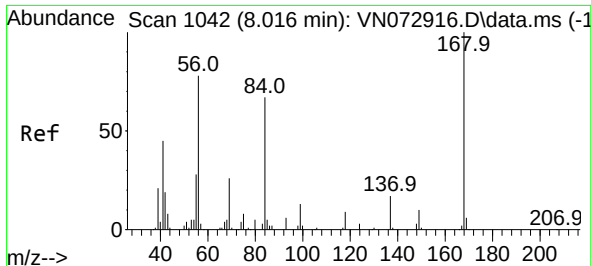
Manual Integrations
APPROVED

Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022

Quant Time: Jun 20 08:00:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 18 06:22:45 2022
Response via : Initial Calibration

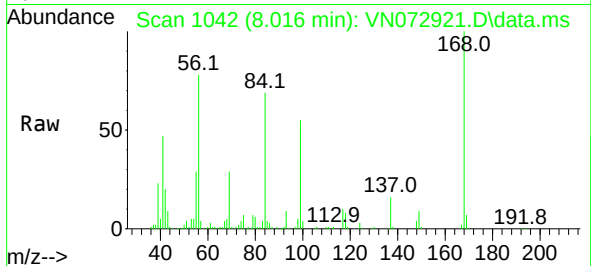
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VN072921.D
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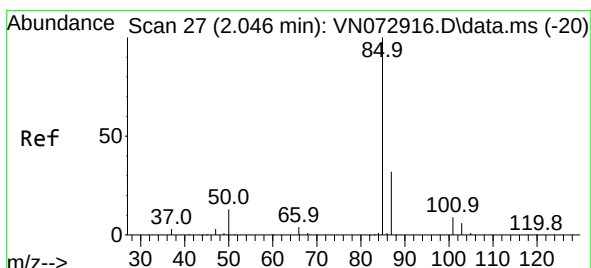
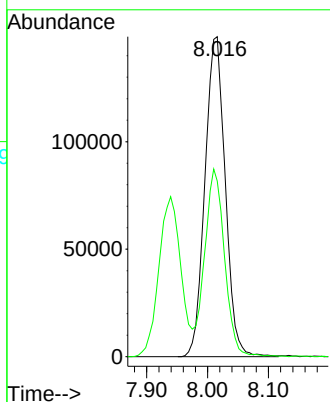
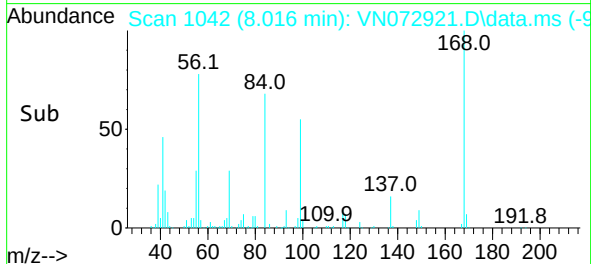
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:168 Resp: 34488
Ion Ratio Lower Upper
168 100
99 54.8 42.3 63.5

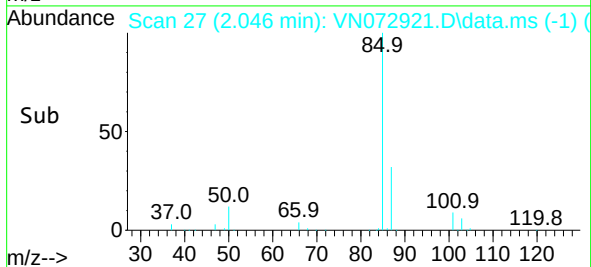
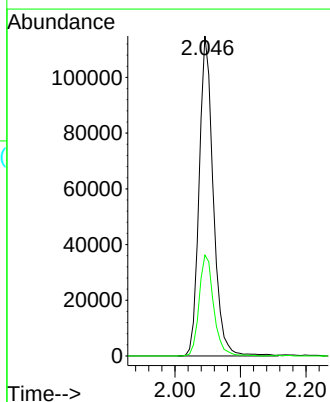
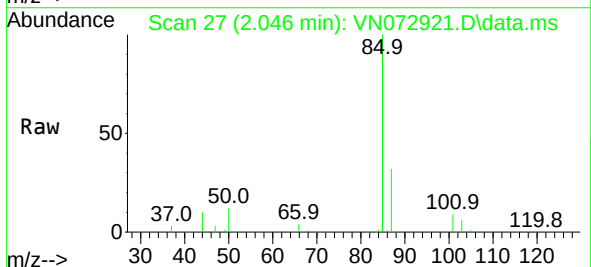
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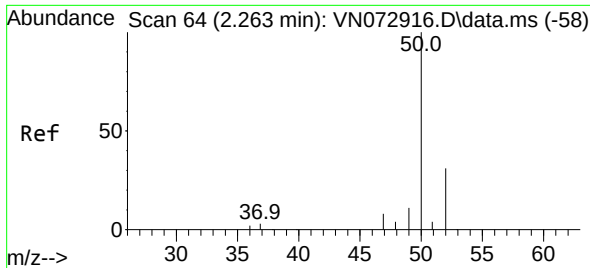
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022



#2
Dichlorodifluoromethane
Concen: 52.494 ug/l
RT: 2.046 min Scan# 27
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

Tgt Ion: 85 Resp: 172378
Ion Ratio Lower Upper
85 100
87 31.5 15.7 47.1





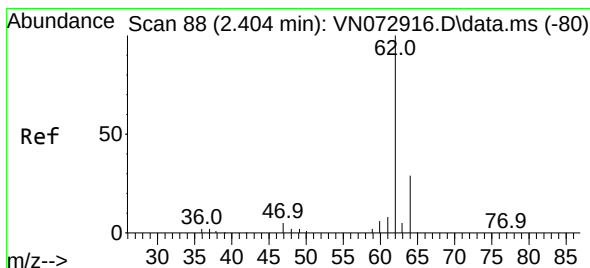
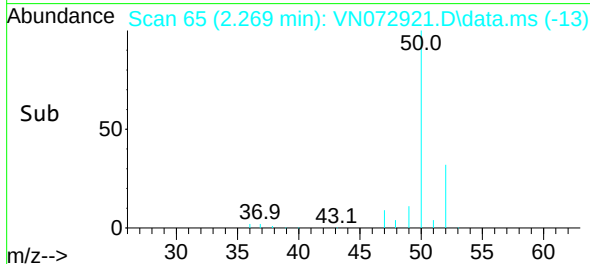
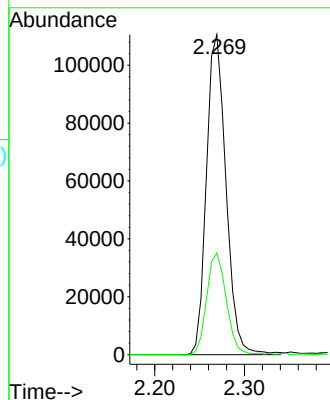
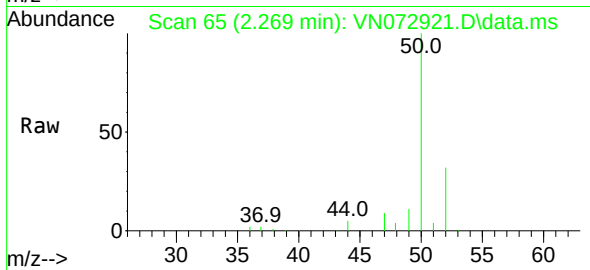
#3
Chloromethane
Concen: 47.460 ug/l
RT: 2.269 min Scan# 64
Delta R.T. 0.006 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

Instrument :
MSVOA_N
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VSTDCCC050

Tgt Ion: 50 Resp: 16742
Ion Ratio Lower Upper
50 100
52 31.9 25.7 38.5

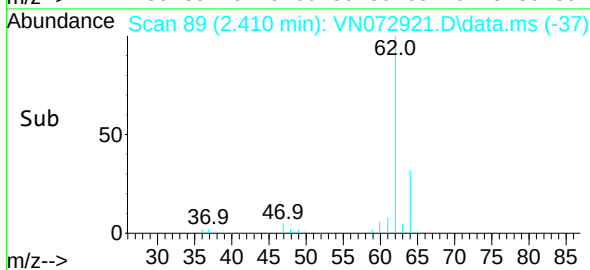
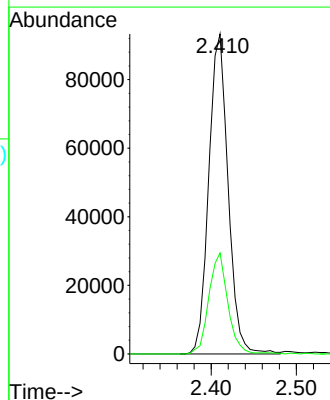
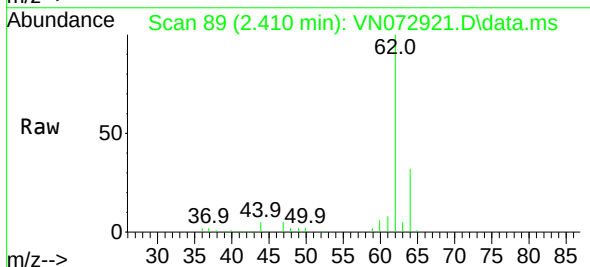
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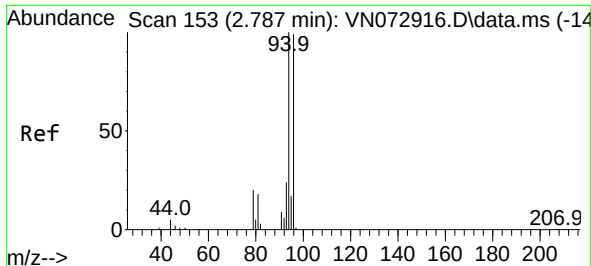
Reviewed By :John Carlone 06/20/2022
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#4
Vinyl Chloride
Concen: 49.956 ug/l
RT: 2.410 min Scan# 89
Delta R.T. 0.006 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

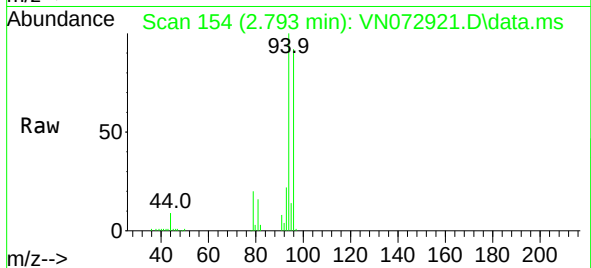
Tgt Ion: 62 Resp: 147114
Ion Ratio Lower Upper
62 100
64 31.6 25.0 37.4





#5
Bromomethane
Concen: 61.517 ug/l
RT: 2.793 min Scan# 114
Delta R.T. 0.006 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

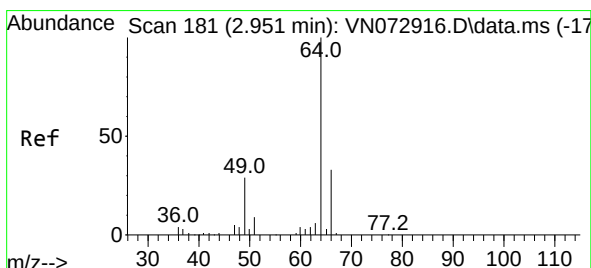
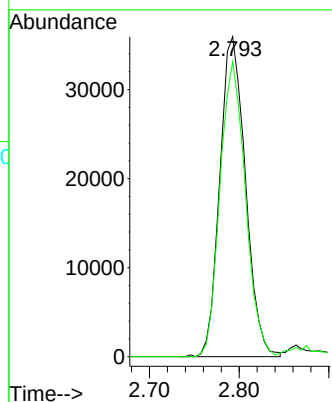
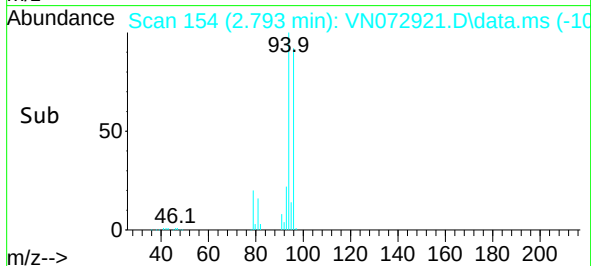
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 94 Resp: 71314
Ion Ratio Lower Upper
94 100
96 92.2 76.0 114.0

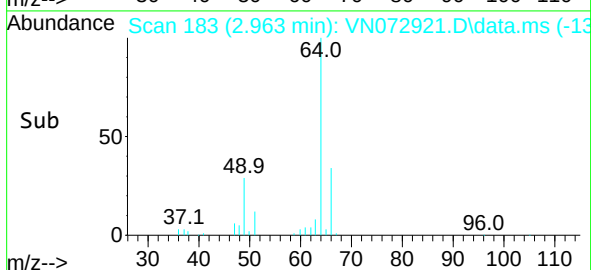
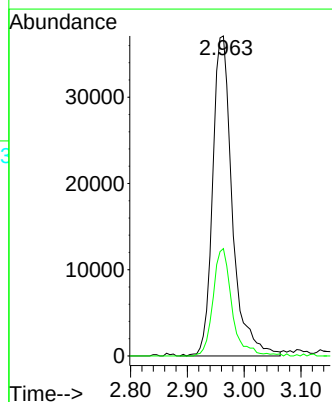
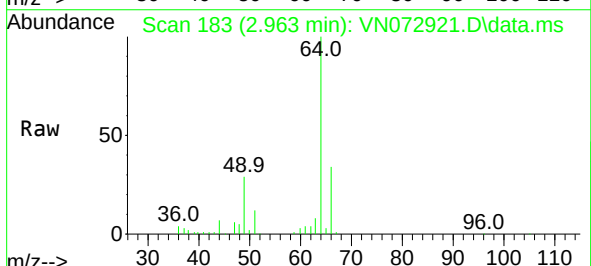
Manual Integrations
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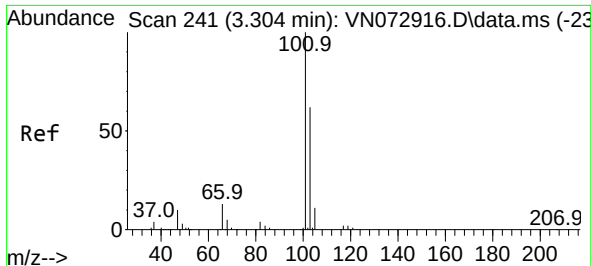
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022



#6
Chloroethane
Concen: 48.312 ug/l
RT: 2.963 min Scan# 183
Delta R.T. 0.012 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

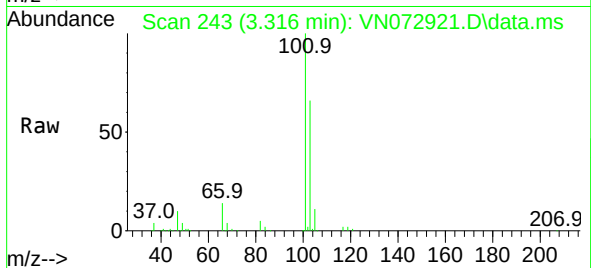
Tgt Ion: 64 Resp: 89008
Ion Ratio Lower Upper
64 100
66 33.6 26.2 39.4





#7
Trichlorofluoromethane
Concen: 56.693 ug/l
RT: 3.316 min Scan# 241
Delta R.T. 0.012 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

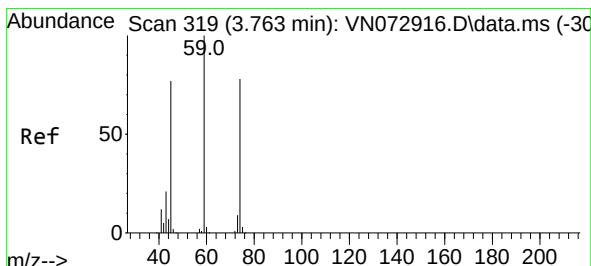
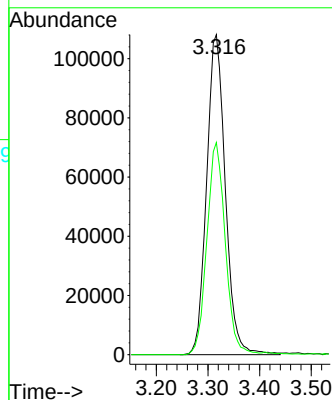
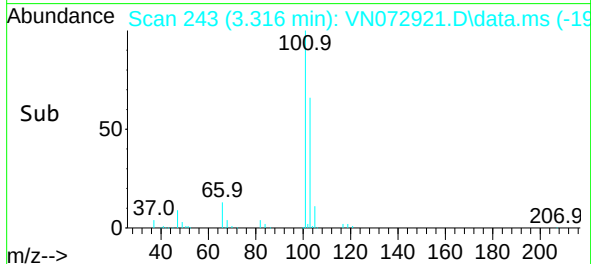
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 271878
Ion Ratio Lower Upper
101 100
103 66.3 51.5 77.3

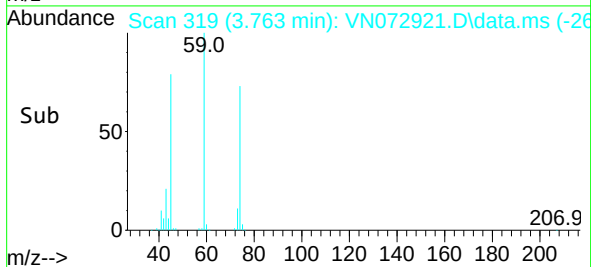
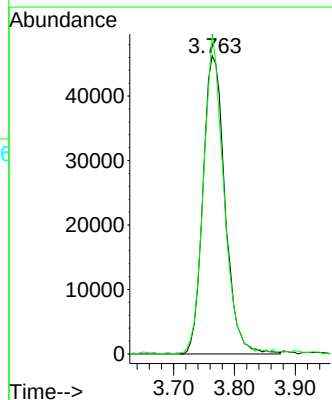
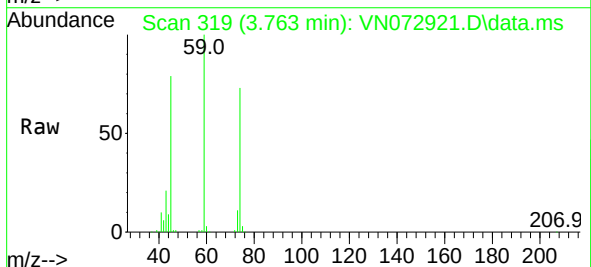
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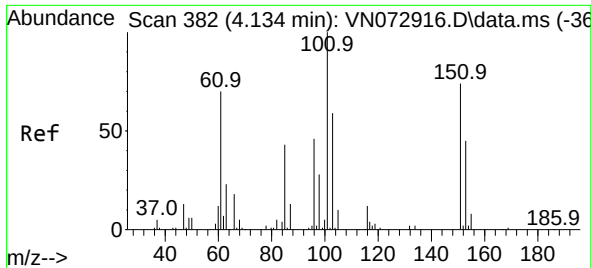
Reviewed By :John Carlone 06/20/2022
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#8
Diethyl Ether
Concen: 46.958 ug/l
RT: 3.763 min Scan# 319
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

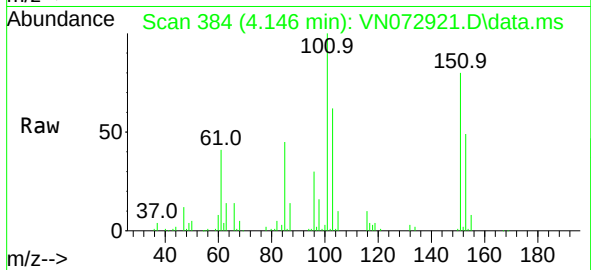
Tgt Ion: 74 Resp: 116220
Ion Ratio Lower Upper
74 100
45 98.9 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.261 ug/l
RT: 4.146 min Scan# 382
Delta R.T. 0.012 min
Lab File: VN072921.D
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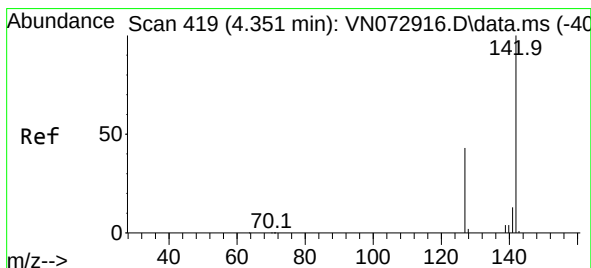
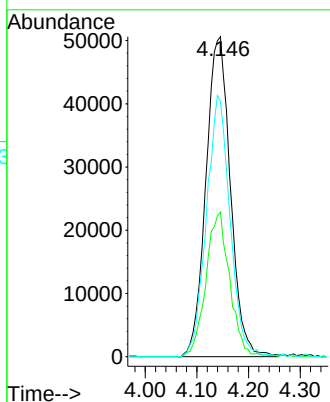
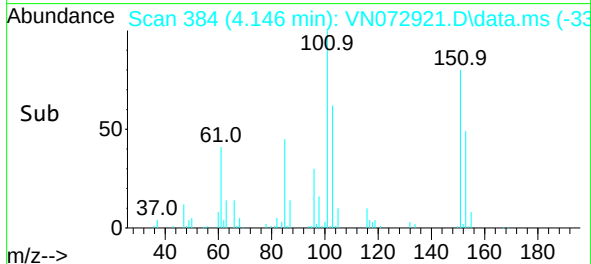
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 166610
Ion Ratio Lower Upper
101 100
85 43.7 34.7 52.1
151 78.4 63.0 94.4

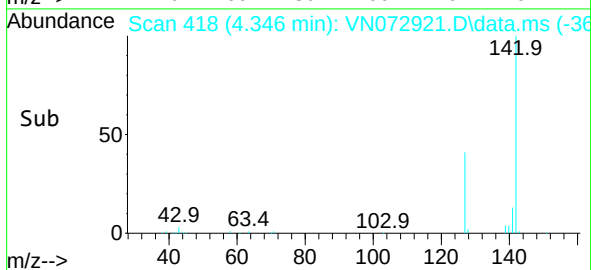
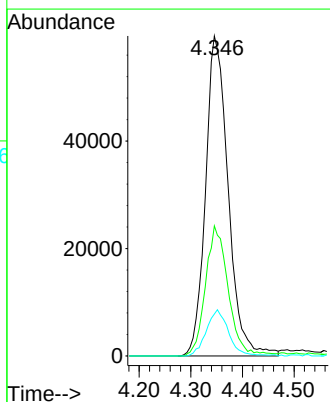
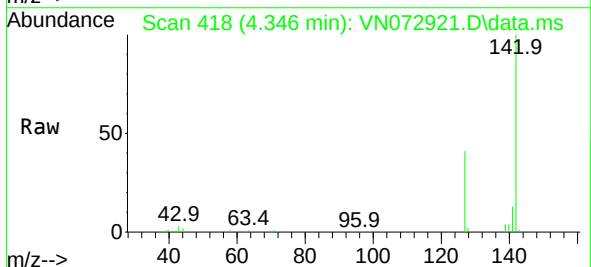
Manual Integrations
APPROVED

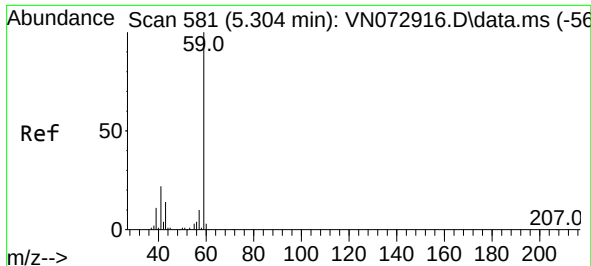
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022



#10
Methyl Iodide
Concen: 47.693 ug/l
RT: 4.346 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

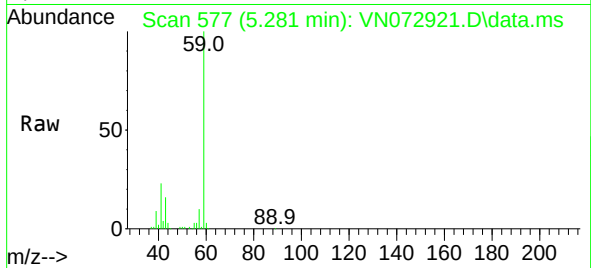
Tgt Ion:142 Resp: 181214
Ion Ratio Lower Upper
142 100
127 40.8 31.3 46.9
141 14.2 11.2 16.8





#11
Tert butyl alcohol
Concen: 193.995 ug/l
RT: 5.281 min Scan# 51
Delta R.T. -0.023 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

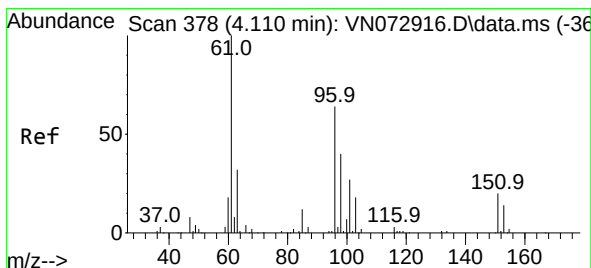
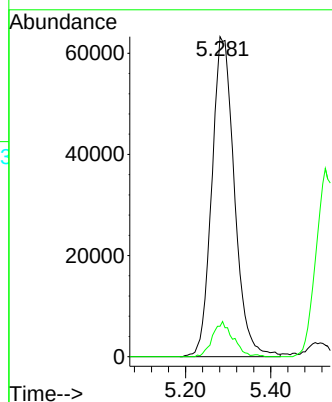
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



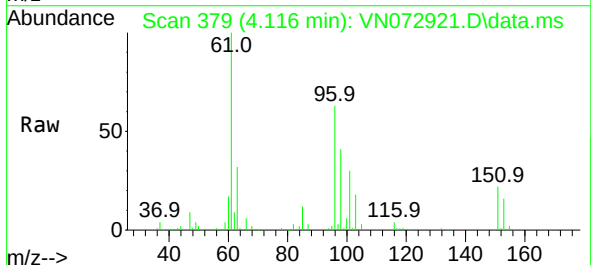
Tgt Ion: 59 Resp: 233659
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5

Manual Integrations
APPROVED

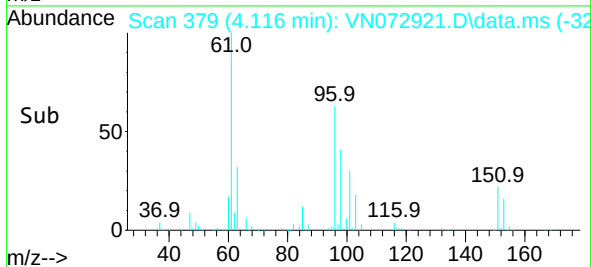
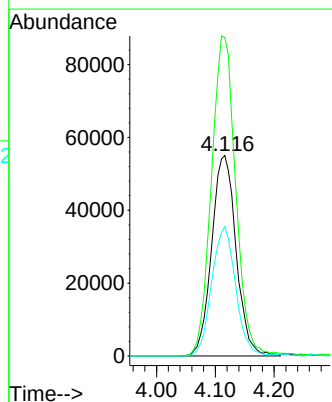
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022

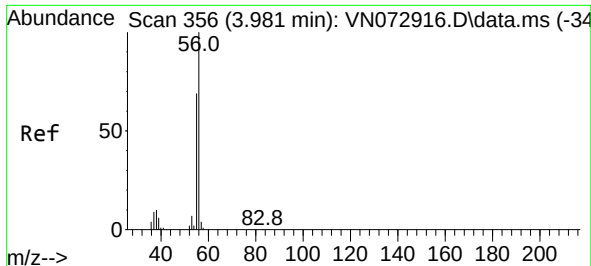


#12
1,1-Dichloroethene
Concen: 48.189 ug/l
RT: 4.116 min Scan# 379
Delta R.T. 0.006 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50



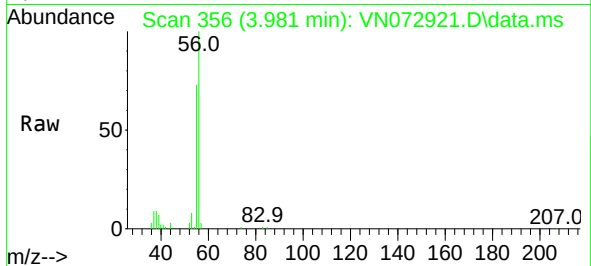
Tgt Ion: 96 Resp: 159121
Ion Ratio Lower Upper
96 100
61 158.8 127.6 191.4
98 64.6 51.2 76.8





#13
Acrolein
Concen: 201.064 ug/l
RT: 3.981 min Scan# 356
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

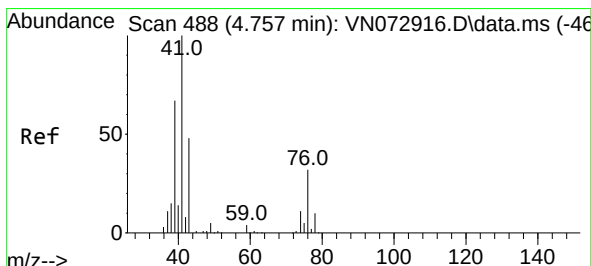
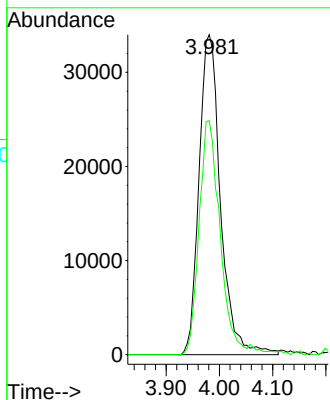
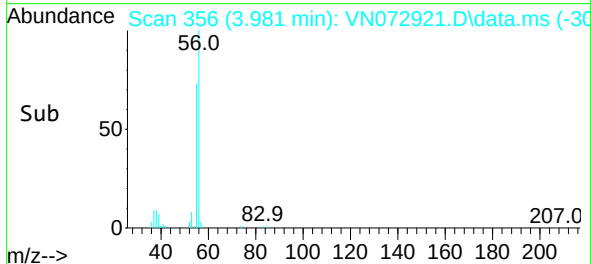
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 95378
Ion Ratio Lower Upper
56 100
55 70.5 54.8 82.2

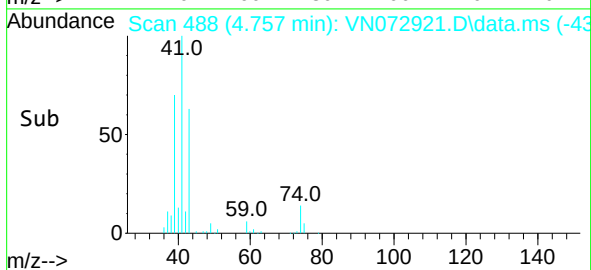
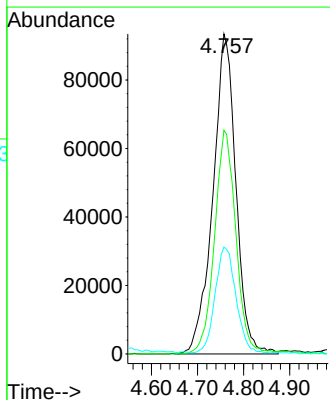
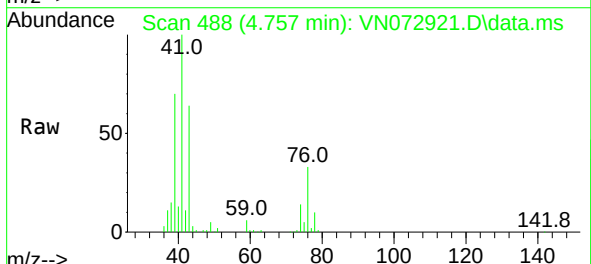
Manual Integrations
APPROVED

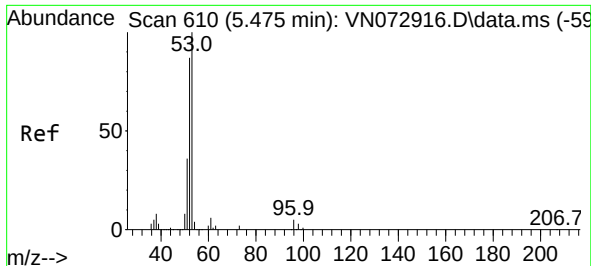
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022



#14
Allyl chloride
Concen: 45.964 ug/l
RT: 4.757 min Scan# 488
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

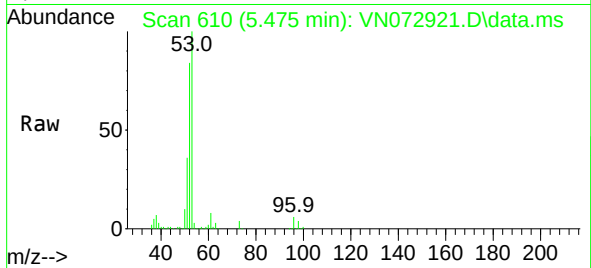
Tgt Ion: 41 Resp: 324265
Ion Ratio Lower Upper
41 100
39 64.8 53.2 79.8
76 29.6 29.9 44.9





#15
Acrylonitrile
Concen: 214.644 ug/l
RT: 5.475 min Scan# 610
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

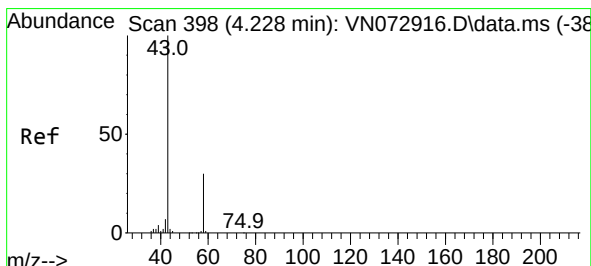
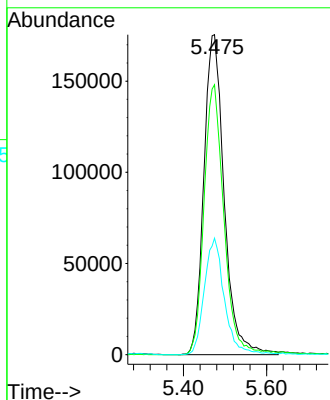
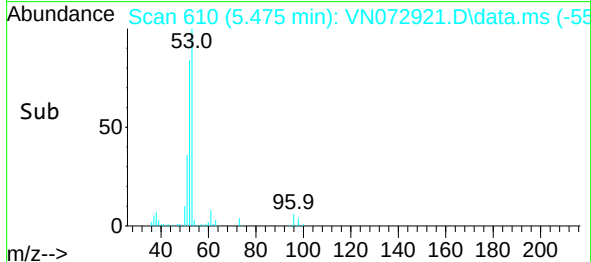
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



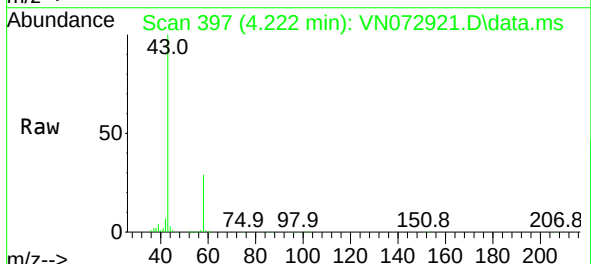
Tgt Ion: 53 Resp: 59596
Ion Ratio Lower Upper
53 100
52 82.7 66.4 99.6
51 35.7 28.5 42.7

Manual Integrations
APPROVED

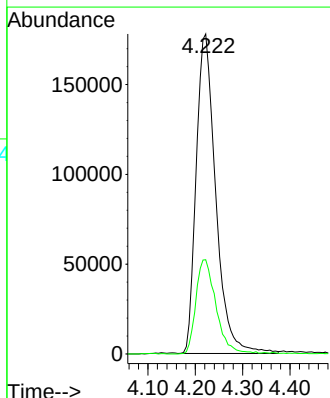
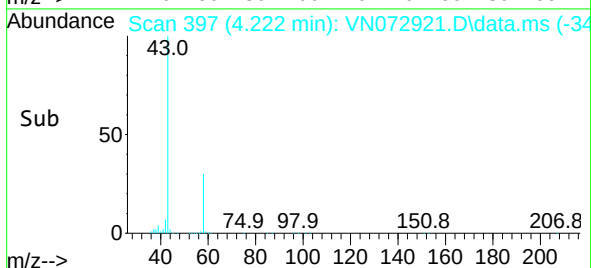
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022

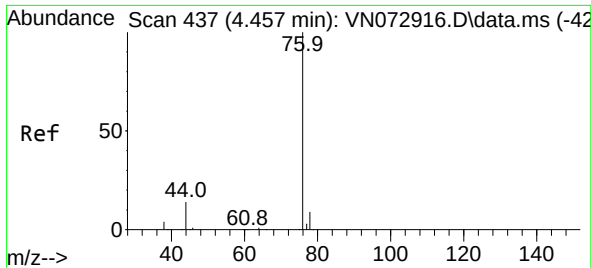


#16
Acetone
Concen: 199.605 ug/l
RT: 4.222 min Scan# 397
Delta R.T. -0.006 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50



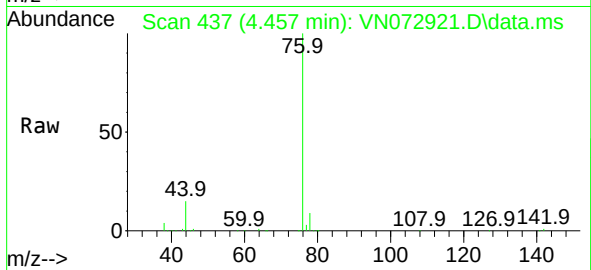
Tgt Ion: 43 Resp: 511608
Ion Ratio Lower Upper
43 100
58 29.5 26.0 39.0





#17
Carbon Disulfide
Concen: 48.047 ug/l
RT: 4.457 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

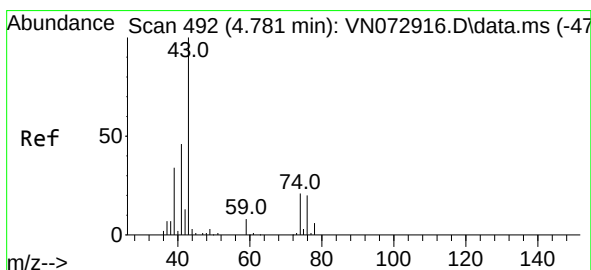
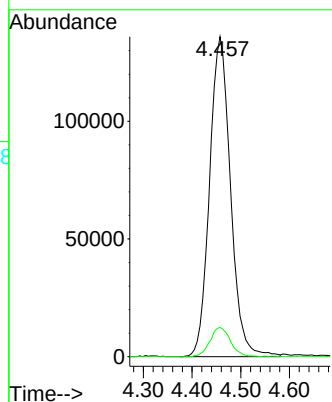
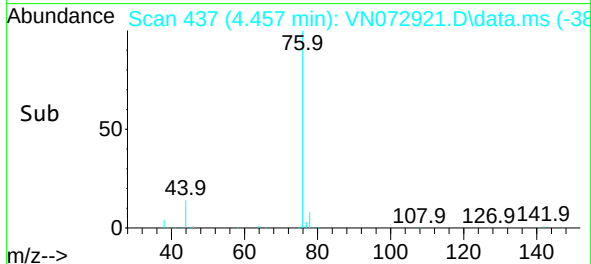
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 406494
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

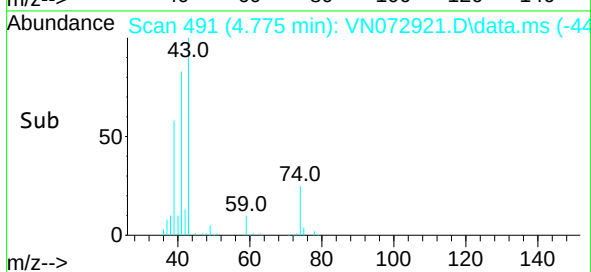
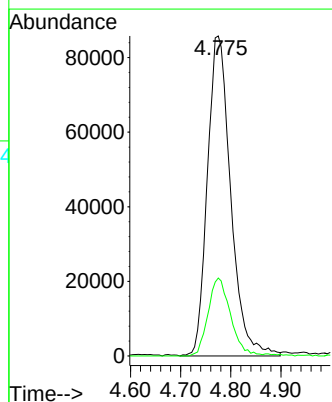
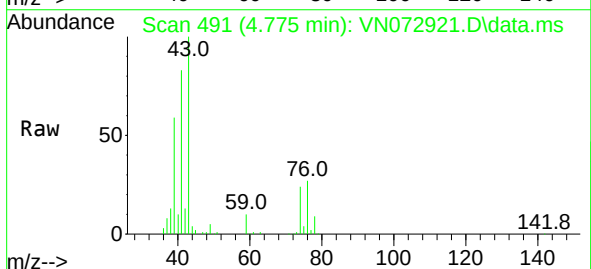
Manual Integrations
APPROVED

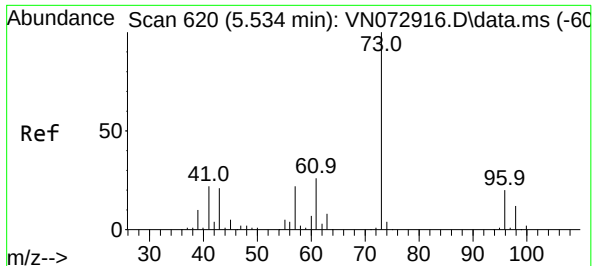
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022



#18
Methyl Acetate
Concen: 40.635 ug/l
RT: 4.775 min Scan# 491
Delta R.T. -0.006 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

Tgt Ion: 43 Resp: 277350
Ion Ratio Lower Upper
43 100
74 23.4 21.6 32.4





#19

Methyl tert-butyl Ether

Concen: 47.705 ug/l

RT: 5.528 min Scan# 619

Delta R.T. -0.006 min

Lab File: VN072921.D

Acq: 18 Jun 2022 06:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 73 Resp: 591590

Ion Ratio Lower Upper

73 100

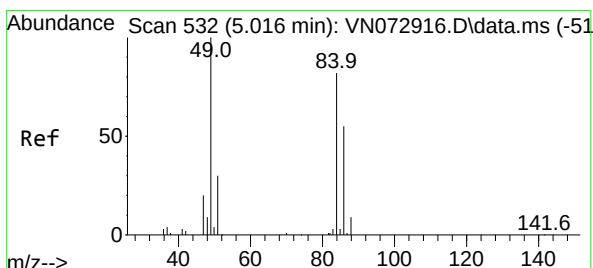
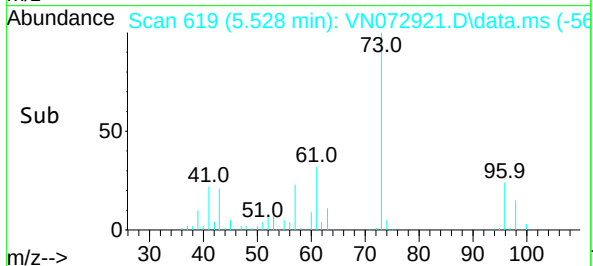
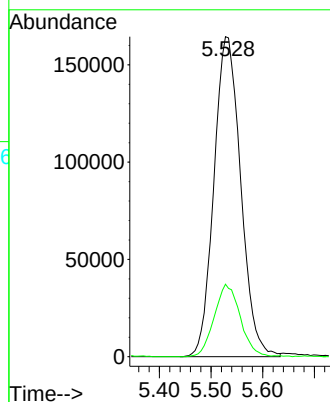
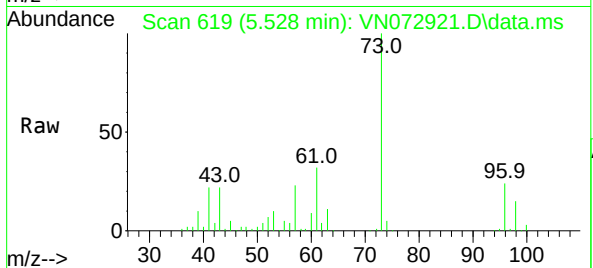
57 22.7 17.6 26.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/20/2022



#20

Methylene Chloride

Concen: 46.375 ug/l

RT: 5.010 min Scan# 531

Delta R.T. -0.006 min

Lab File: VN072921.D

Acq: 18 Jun 2022 06:50

Tgt Ion: 84 Resp: 184437

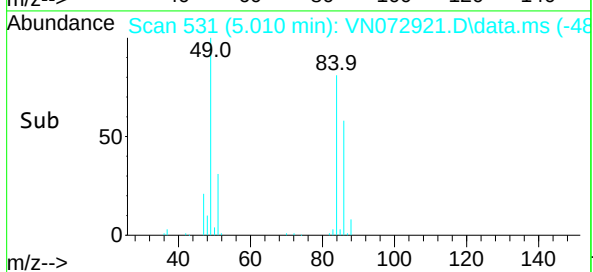
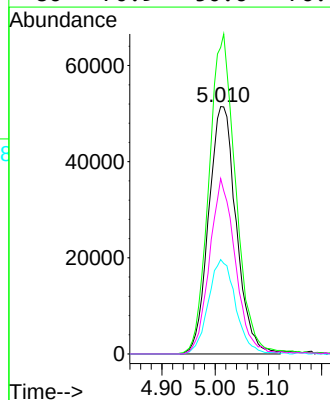
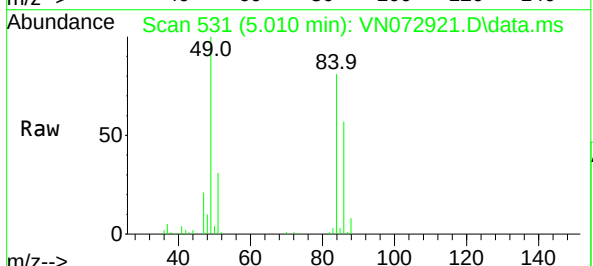
Ion Ratio Lower Upper

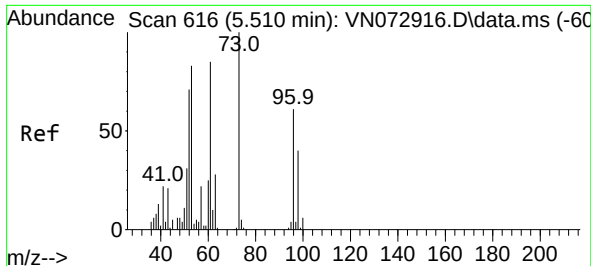
84 100

49 123.6 88.3 132.5

51 38.1 28.2 42.2

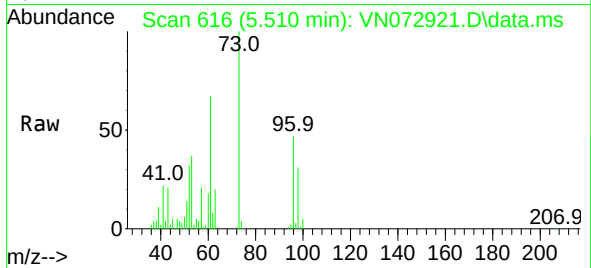
86 70.9 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 47.340 ug/l
RT: 5.510 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

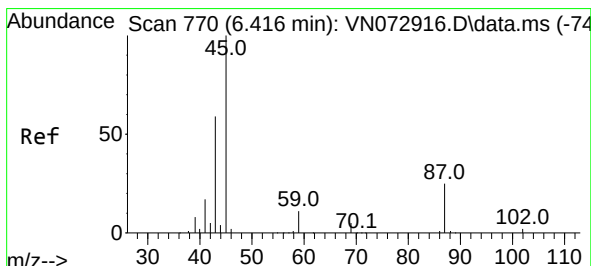
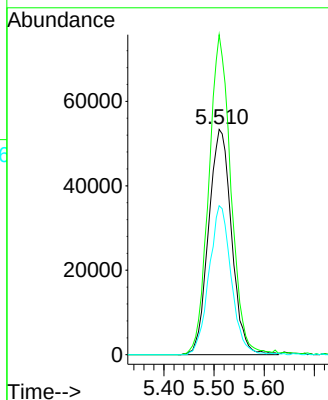
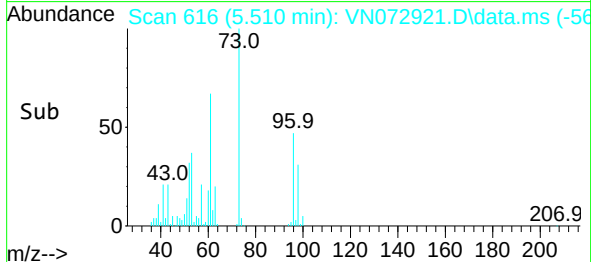
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



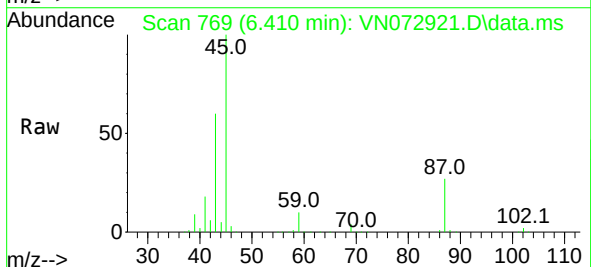
Tgt Ion: 96 Resp: 170038
Ion Ratio Lower Upper
96 100
61 142.0 105.8 158.8
98 66.1 50.3 75.5

Manual Integrations
APPROVED

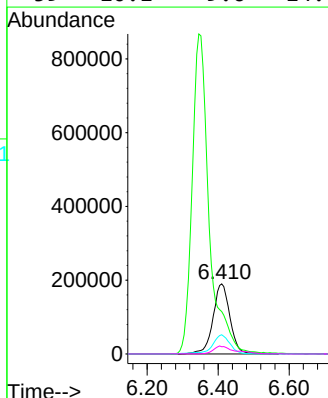
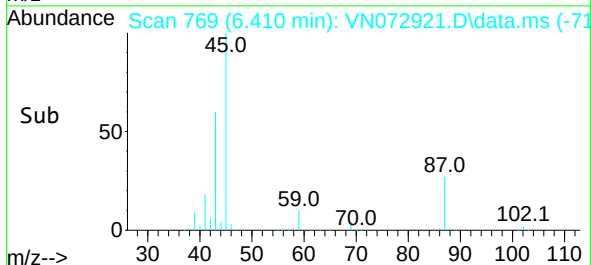
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022

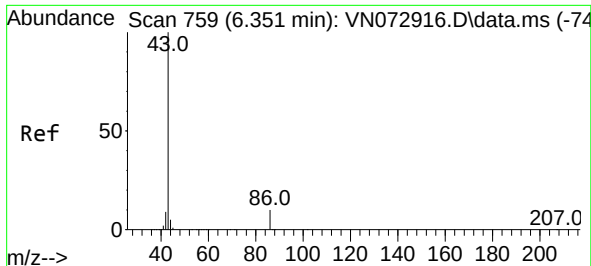


#22
Diisopropyl ether
Concen: 47.819 ug/l
RT: 6.410 min Scan# 769
Delta R.T. -0.006 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50



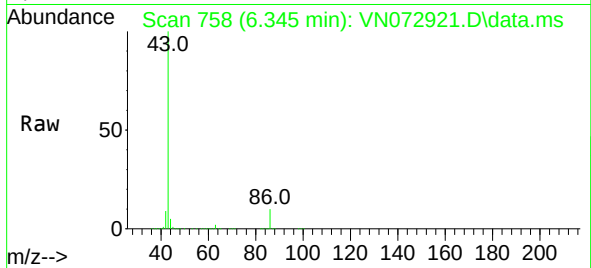
Tgt Ion: 45 Resp: 628907
Ion Ratio Lower Upper
45 100
43 59.4 46.6 70.0
87 27.3 24.3 36.5
59 10.1 9.6 14.4





#23
 Vinyl Acetate
 Concen: 238.077 ug/l
 RT: 6.345 min Scan# 758
 Delta R.T. -0.006 min
 Lab File: VN072921.D
 Acq: 18 Jun 2022 06:50

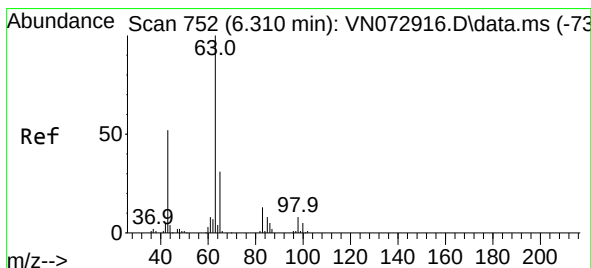
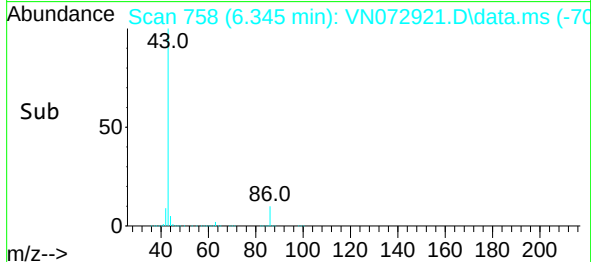
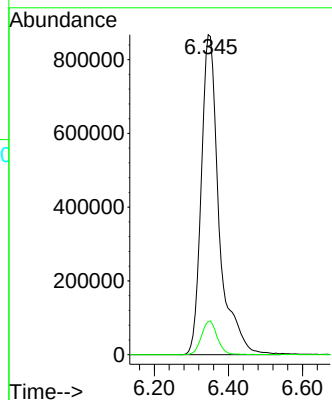
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 43 Resp: 2890370
 Ion Ratio Lower Upper
 43 100
 86 10.3 10.0 15.0

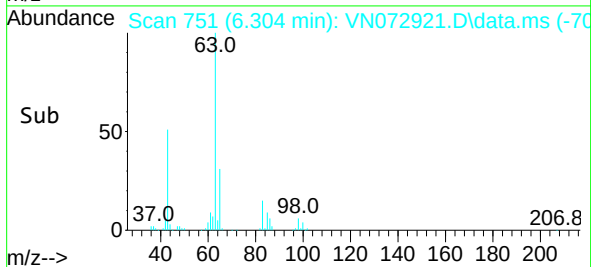
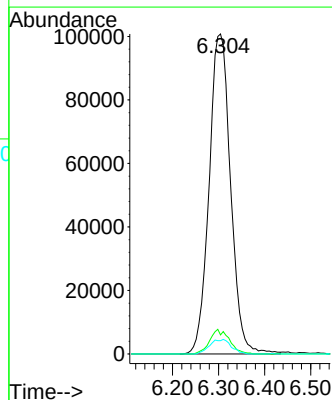
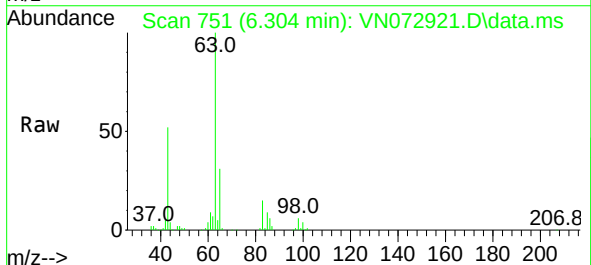
Manual Integrations
 APPROVED

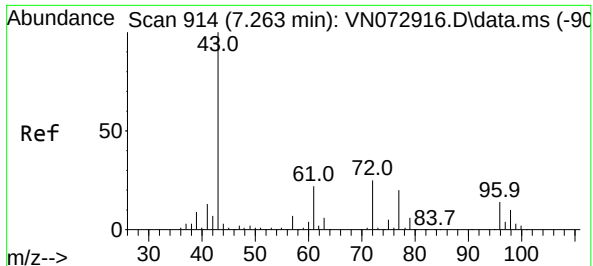
Reviewed By :John Carlone 06/20/2022
 Supervised By :Mahesh Dadoda 06/20/2022



#24
 1,1-Dichloroethane
 Concen: 47.390 ug/l
 RT: 6.304 min Scan# 751
 Delta R.T. -0.006 min
 Lab File: VN072921.D
 Acq: 18 Jun 2022 06:50

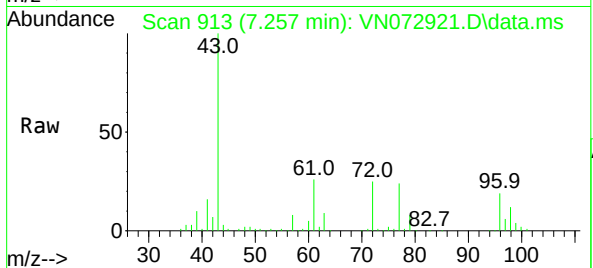
Tgt Ion: 63 Resp: 326756
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.5 10.4
 100 4.2 2.3 6.8





#25
2-Butanone
Concen: 208.038 ug/l
RT: 7.257 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

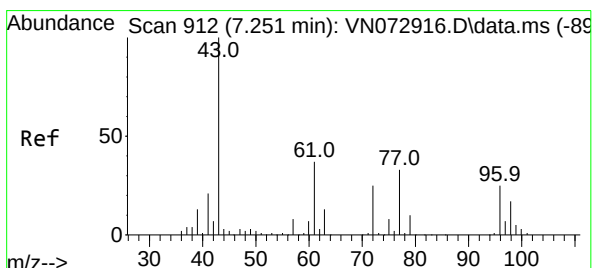
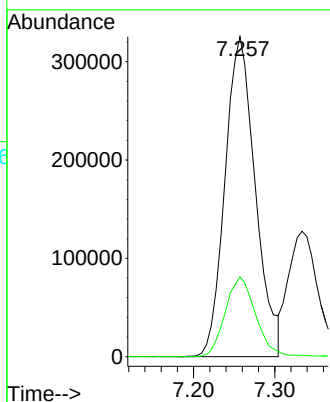
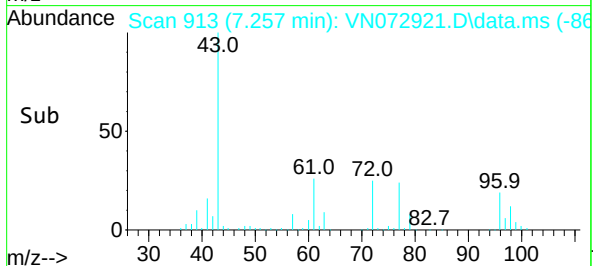
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 84614
Ion Ratio Lower Upper
43 100
72 24.9 23.7 35.5

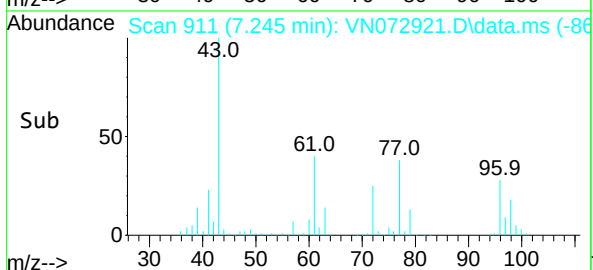
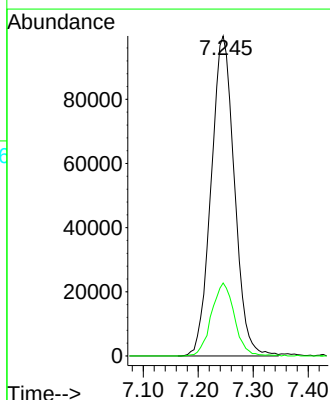
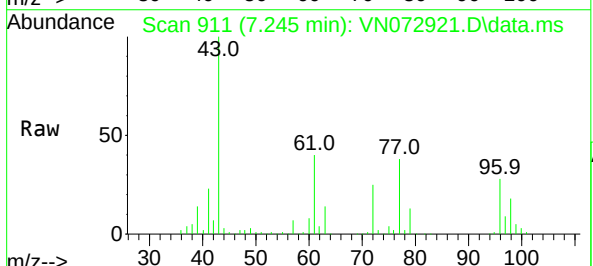
Manual Integrations
APPROVED

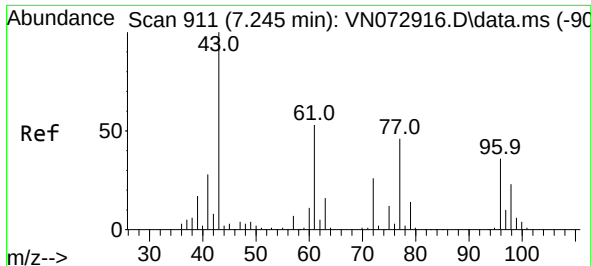
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022



#26
2,2-Dichloropropane
Concen: 51.275 ug/l
RT: 7.245 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

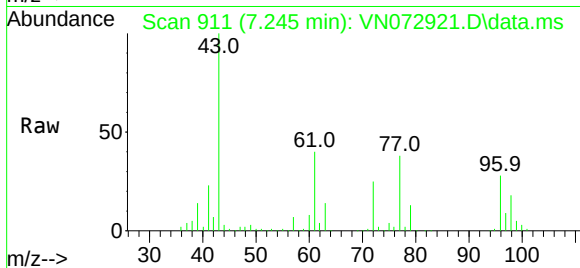
Tgt Ion: 77 Resp: 293395
Ion Ratio Lower Upper
77 100
97 22.5 11.4 34.2





#27
 cis-1,2-Dichloroethene
 Concen: 48.123 ug/l
 RT: 7.245 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VN072921.D
 Acq: 18 Jun 2022 06:50

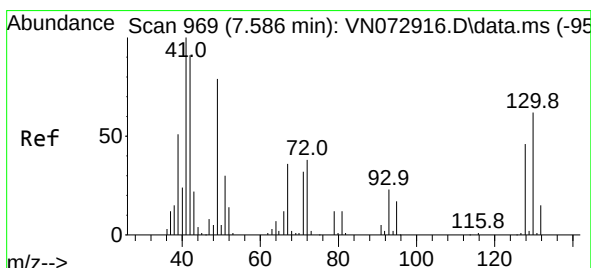
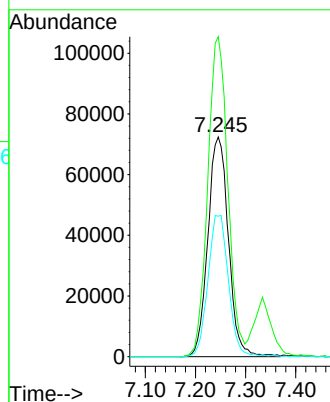
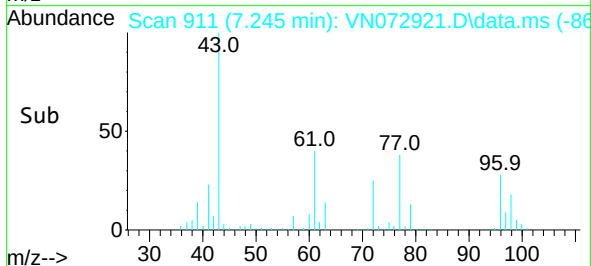
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



Tgt Ion: 96 Resp: 206508
 Ion Ratio Lower Upper
 96 100
 61 141.6 0.0 280.6
 98 63.7 0.0 128.4

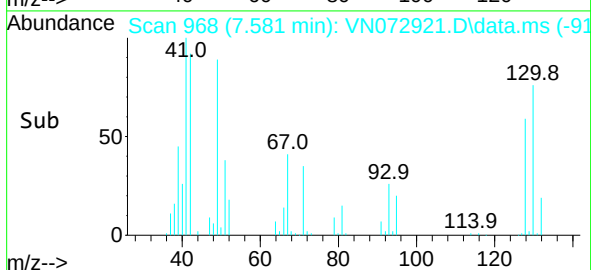
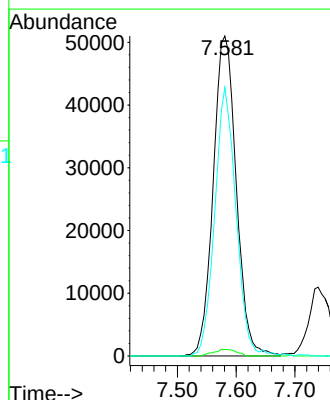
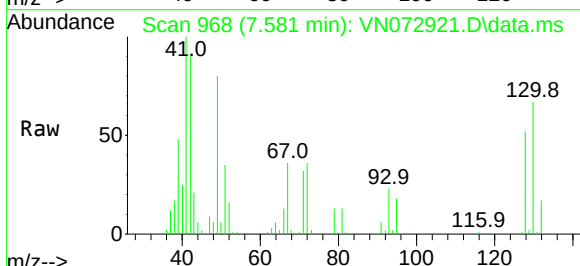
Manual Integrations
 APPROVED

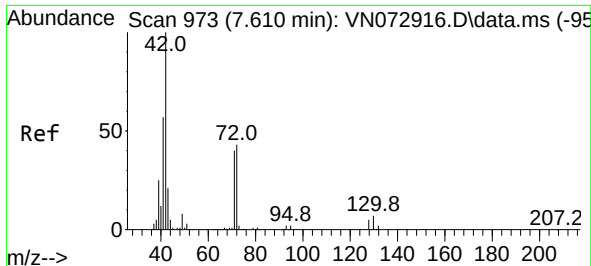
Reviewed By :John Carlone 06/20/2022
 Supervised By :Mahesh Dadoda 06/20/2022



#28
 Bromochloromethane
 Concen: 48.729 ug/l
 RT: 7.581 min Scan# 968
 Delta R.T. -0.006 min
 Lab File: VN072921.D
 Acq: 18 Jun 2022 06:50

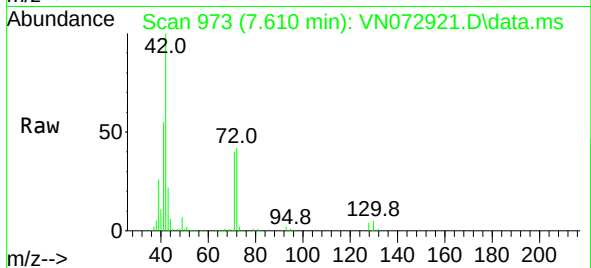
Tgt Ion: 49 Resp: 138955
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.6
 130 77.3 69.7 104.5





#29
Tetrahydrofuran
Concen: 209.869 ug/l
RT: 7.610 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

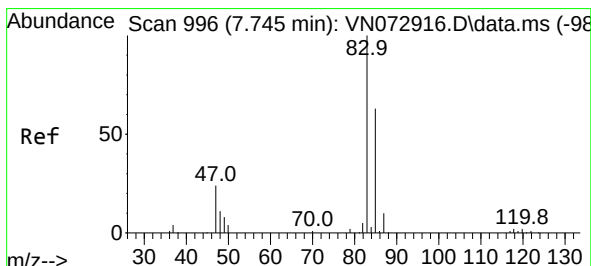
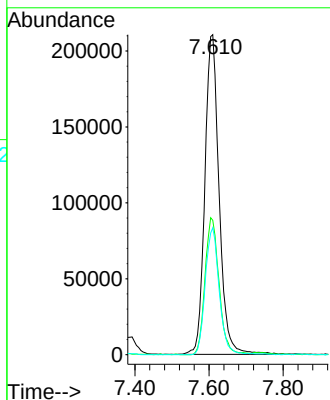
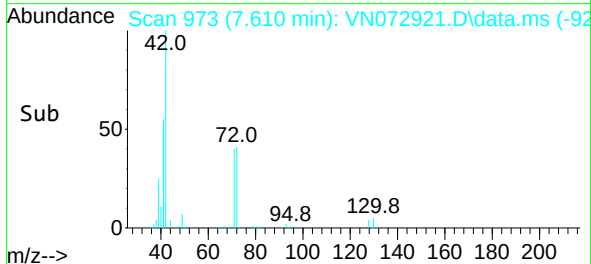
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



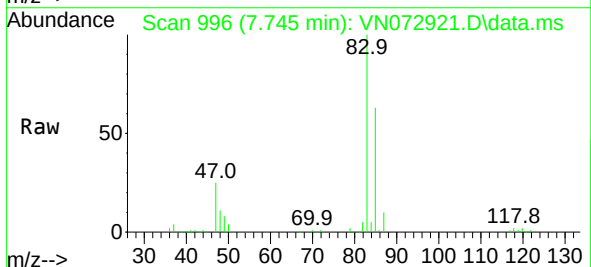
Tgt Ion: 42 Resp: 563670
Ion Ratio Lower Upper
42 100
72 42.1 39.7 59.5
71 38.8 36.6 55.0

Manual Integrations
APPROVED

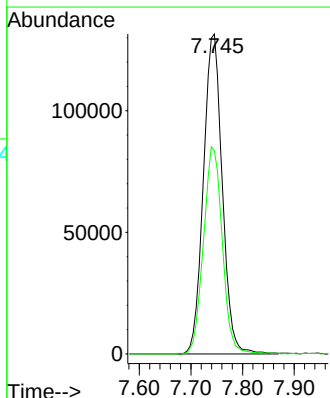
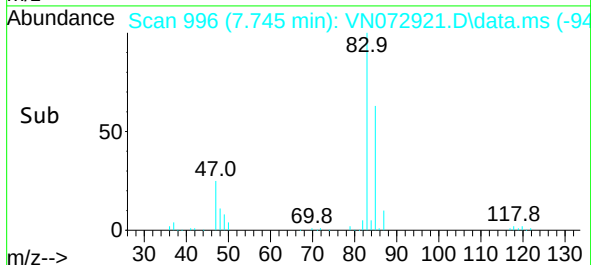
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022

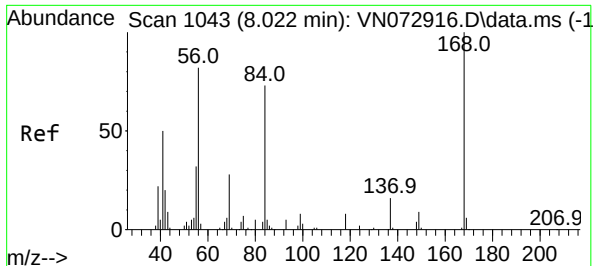


#30
Chloroform
Concen: 47.705 ug/l
RT: 7.745 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50



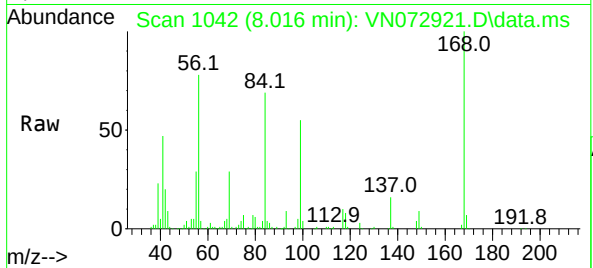
Tgt Ion: 83 Resp: 332993
Ion Ratio Lower Upper
83 100
85 63.5 51.8 77.8





#31
Cyclohexane
Concen: 47.035 ug/l
RT: 8.016 min Scan# 1042
Delta R.T. -0.006 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

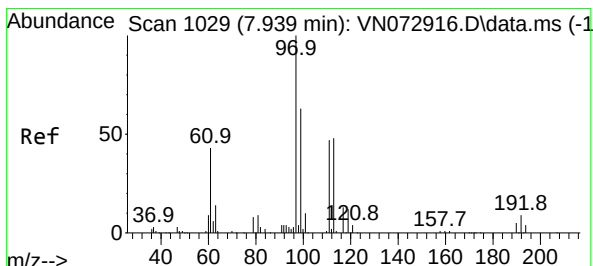
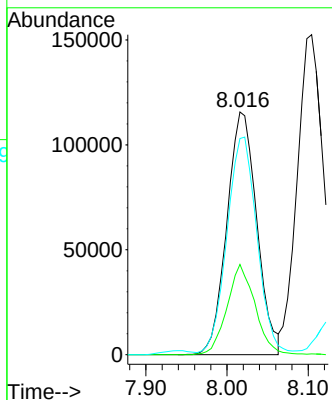
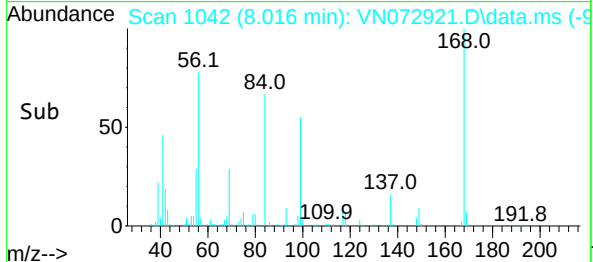
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



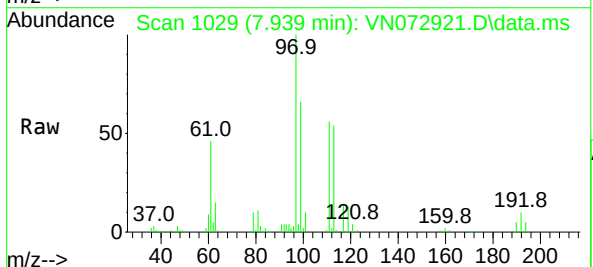
Tgt Ion: 56 Resp: 296664
Ion Ratio Lower Upper
56 100
69 37.2 27.8 41.8
84 87.5 76.9 115.3

Manual Integrations
APPROVED

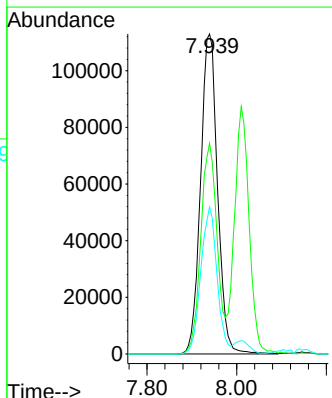
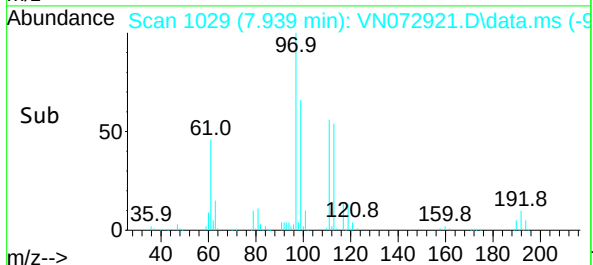
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022

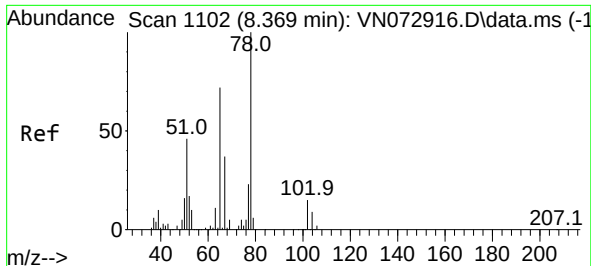


#32
1,1,1-Trichloroethane
Concen: 48.404 ug/l
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50



Tgt Ion: 97 Resp: 296495
Ion Ratio Lower Upper
97 100
99 63.3 50.6 76.0
61 44.0 36.0 54.0





#33

1,2-Dichloroethane-d4

Concen: 46.342 ug/l

RT: 8.363 min Scan# 1102

Delta R.T. -0.006 min

Lab File: VN072921.D

Acq: 18 Jun 2022 06:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 21608

Ion Ratio Lower Upper

65 100

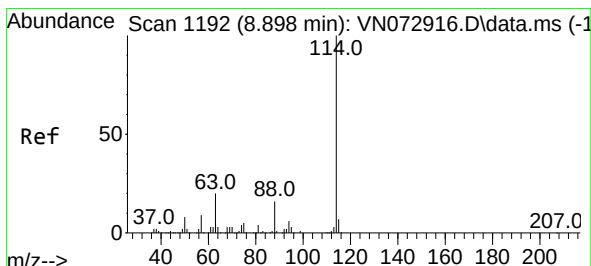
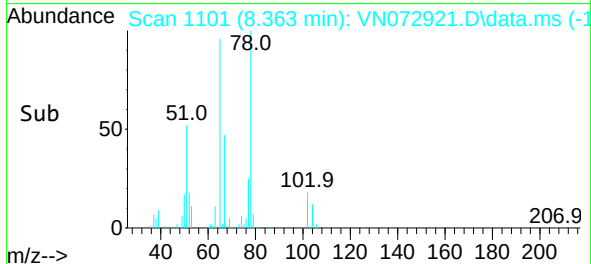
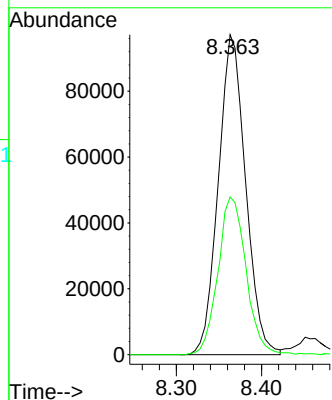
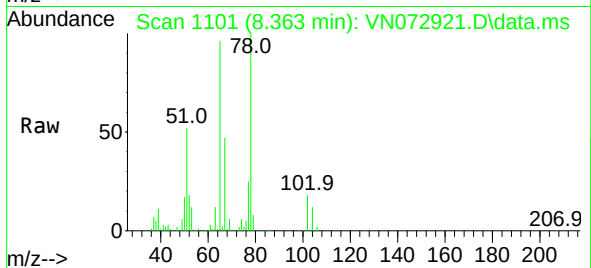
67 50.7 0.0 104.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/20/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.898 min Scan# 1192

Delta R.T. 0.000 min

Lab File: VN072921.D

Acq: 18 Jun 2022 06:50

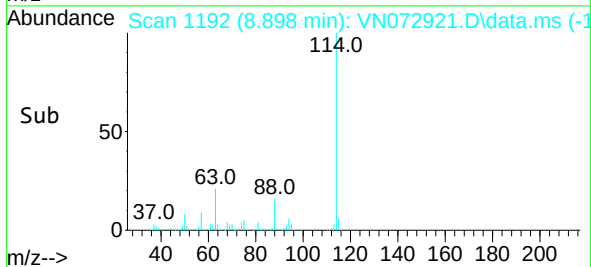
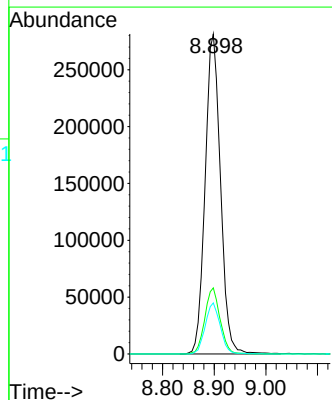
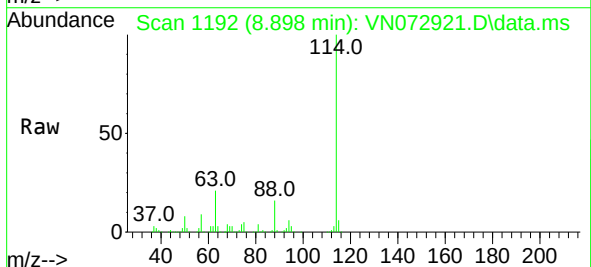
Tgt Ion:114 Resp: 580114

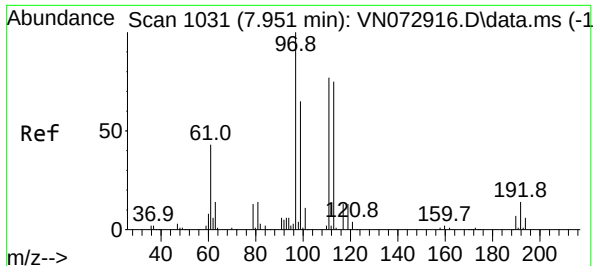
Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.0

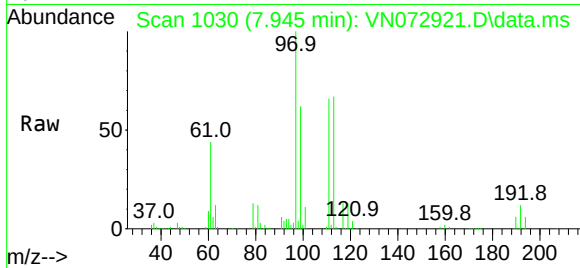
88 16.0 0.0 32.6





#35
Dibromofluoromethane
Concen: 48.433 ug/l
RT: 7.945 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

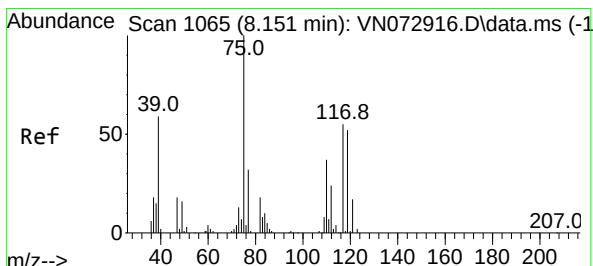
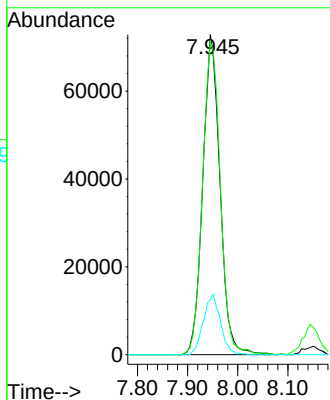
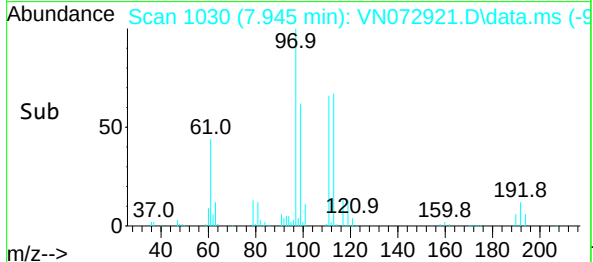
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



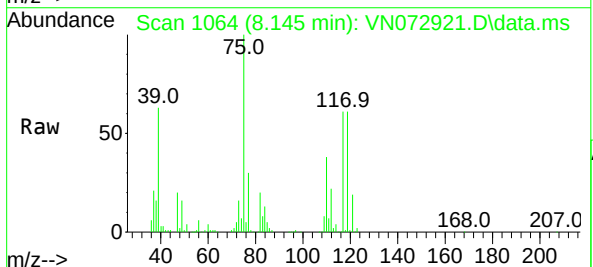
Tgt Ion: 113 Resp: 173664
Ion Ratio Lower Upper
113 100
111 101.0 81.4 122.0
192 18.7 17.0 25.6

Manual Integrations
APPROVED

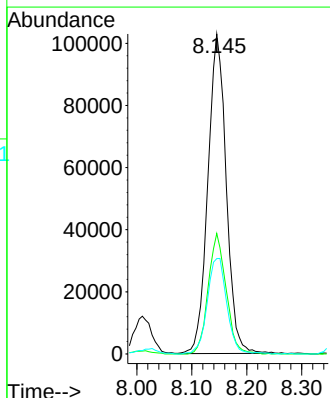
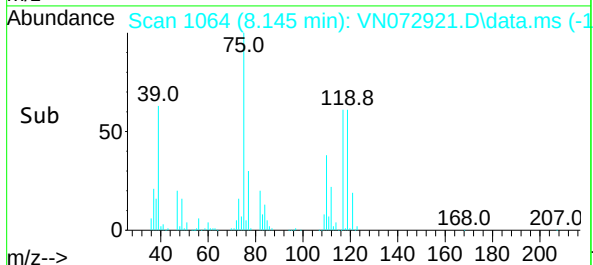
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022

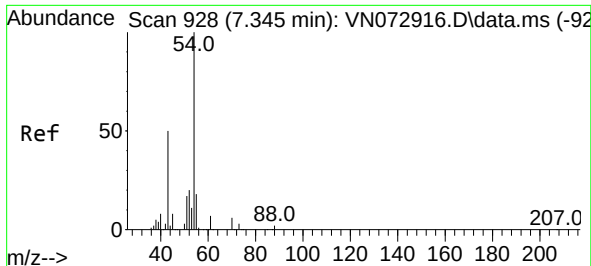


#36
1,1-Dichloropropene
Concen: 49.327 ug/l
RT: 8.145 min Scan# 1064
Delta R.T. -0.006 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50



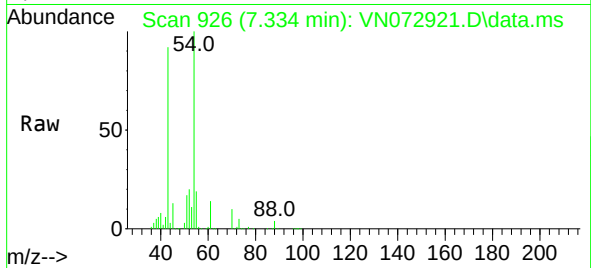
Tgt Ion: 75 Resp: 239324
Ion Ratio Lower Upper
75 100
110 36.7 18.3 54.8
77 31.7 25.1 37.7





#37
Ethyl Acetate
Concen: 42.254 ug/l
RT: 7.334 min Scan# 91
Delta R.T. -0.012 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

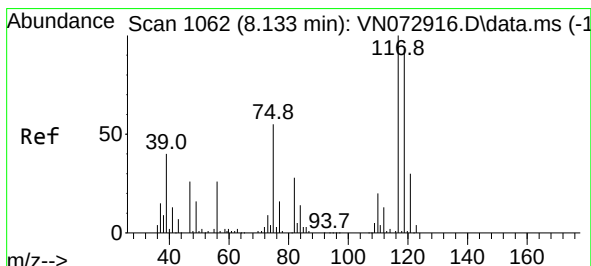
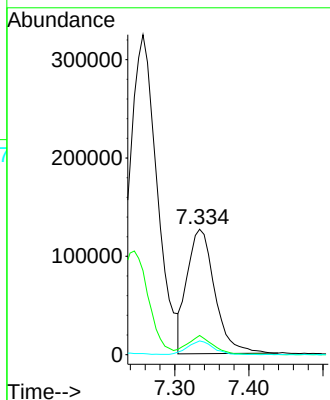
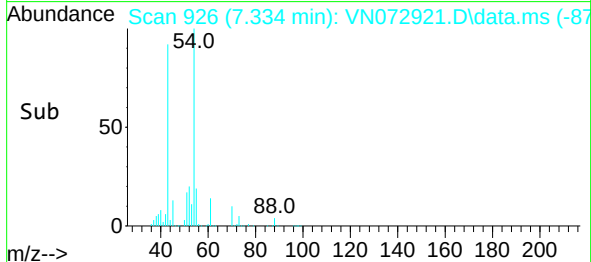
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 327908
Ion Ratio Lower Upper
43 100
61 13.8 11.8 17.6
70 10.3 9.3 13.9

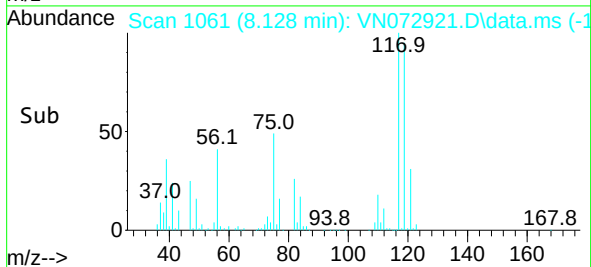
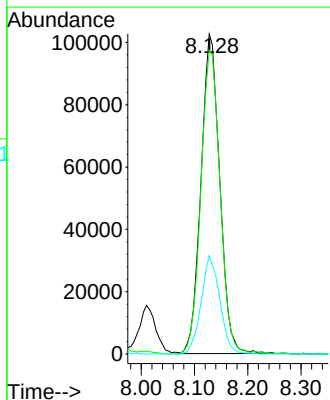
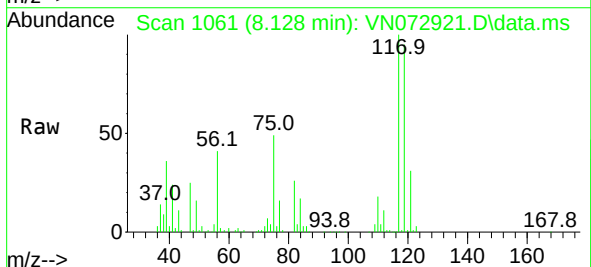
Manual Integrations
APPROVED

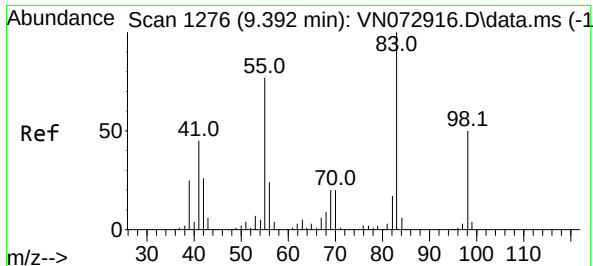
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022



#38
Carbon Tetrachloride
Concen: 49.185 ug/l
RT: 8.128 min Scan# 1061
Delta R.T. -0.006 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

Tgt Ion:117 Resp: 251008
Ion Ratio Lower Upper
117 100
119 95.1 75.8 113.8
121 30.8 24.6 37.0





#39

Methylcyclohexane

Concen: 52.632 ug/l

RT: 9.386 min Scan# 1105

Delta R.T. -0.006 min

Lab File: VN072921.D

Acq: 18 Jun 2022 06:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

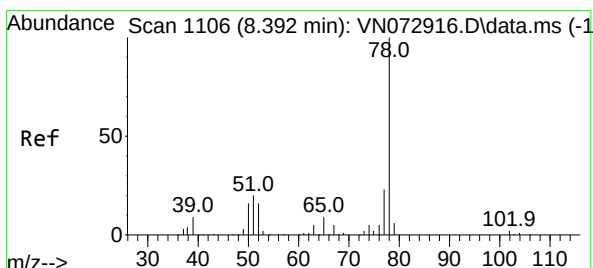
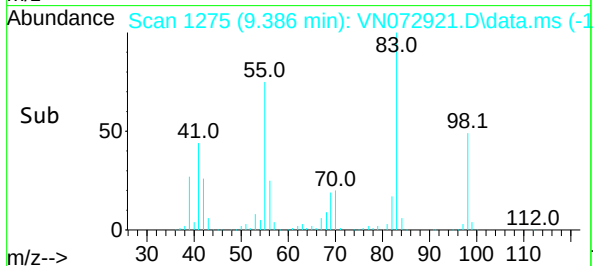
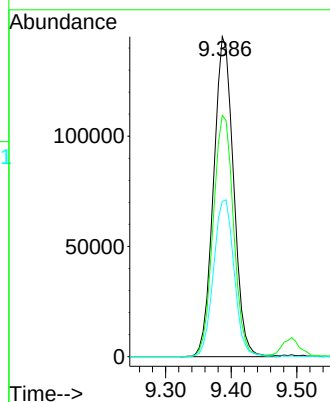
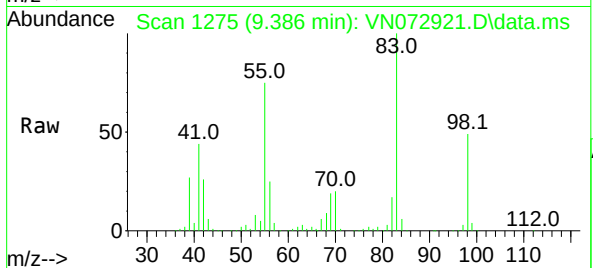
Tgt Ion: 83	Resp: 30779
Ion Ratio	Lower Upper
83	100
55	75.4 57.8 86.8
98	48.5 39.4 59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/20/2022



#40

Benzene

Concen: 49.027 ug/l

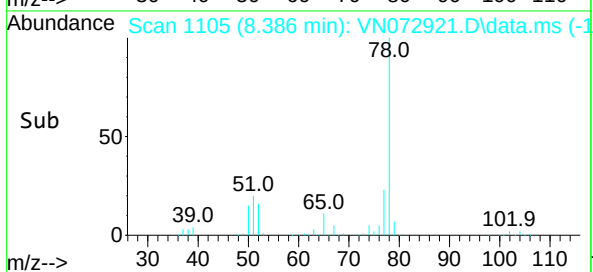
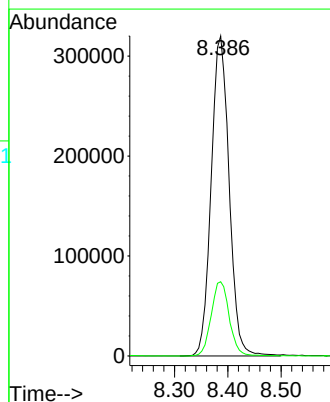
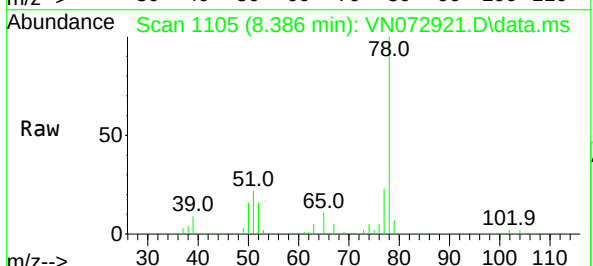
RT: 8.386 min Scan# 1105

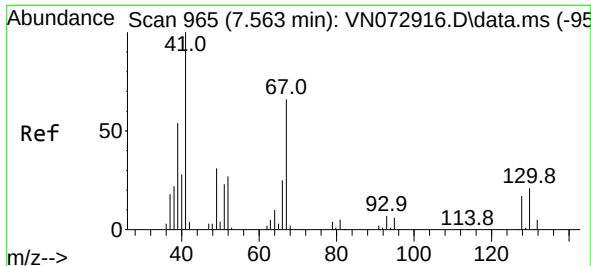
Delta R.T. -0.006 min

Lab File: VN072921.D

Acq: 18 Jun 2022 06:50

Tgt Ion: 78	Resp: 747557
Ion Ratio	Lower Upper
78	100
77	23.2 19.4 29.0





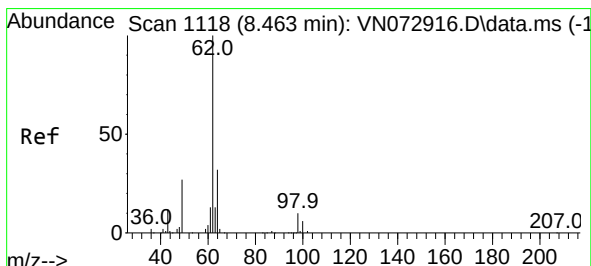
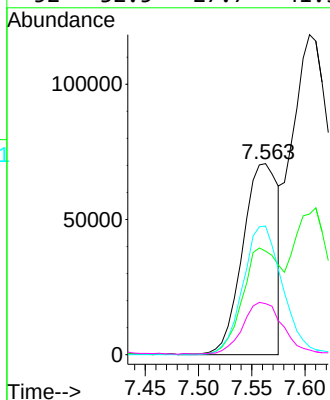
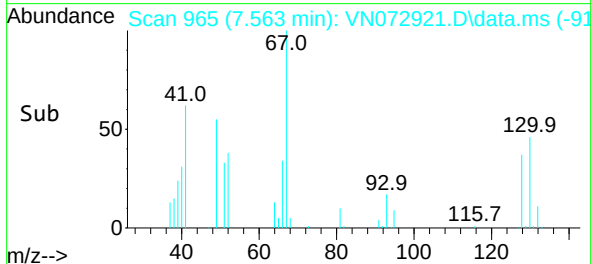
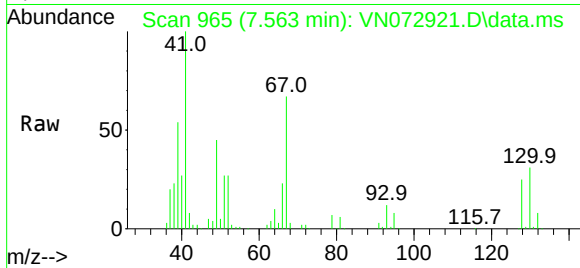
#41
Methacrylonitrile
Concen: 44.053 ug/l
RT: 7.563 min Scan# 965
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 162118
Ion Ratio Lower Upper
41 100
39 61.8 48.6 73.0
67 77.2 73.4 110.2
52 32.5 27.7 41.5

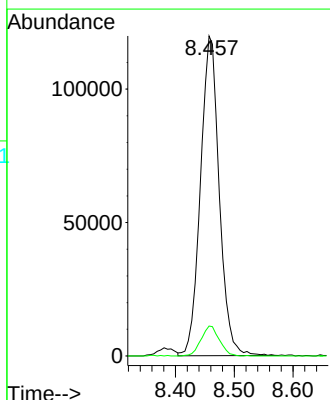
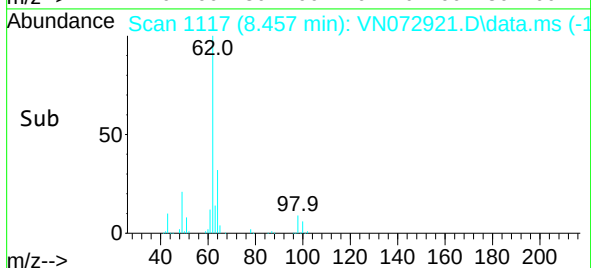
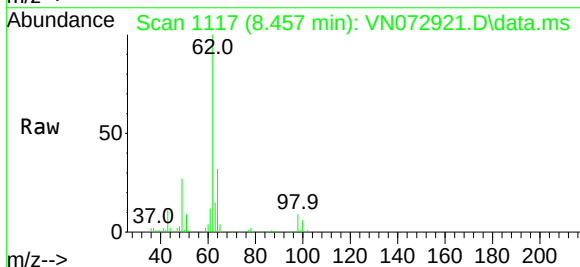
Manual Integrations
APPROVED

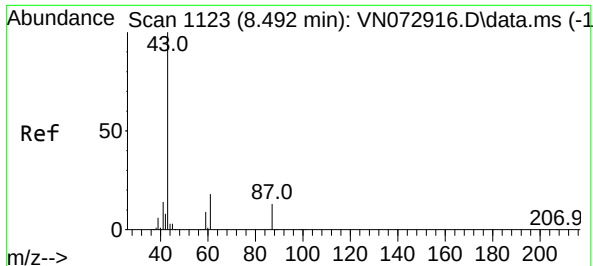
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022



#42
1,2-Dichloroethane
Concen: 49.170 ug/l
RT: 8.457 min Scan# 1117
Delta R.T. -0.006 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

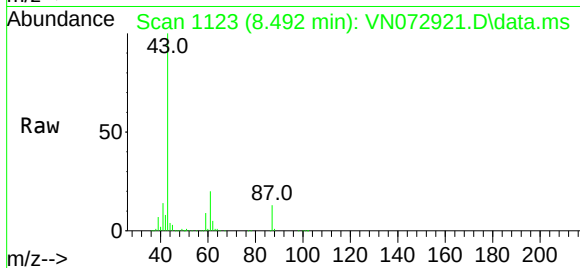
Tgt Ion: 62 Resp: 266295
Ion Ratio Lower Upper
62 100
98 9.1 0.0 19.4





#43
Isopropyl Acetate
Concen: 46.945 ug/l
RT: 8.492 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

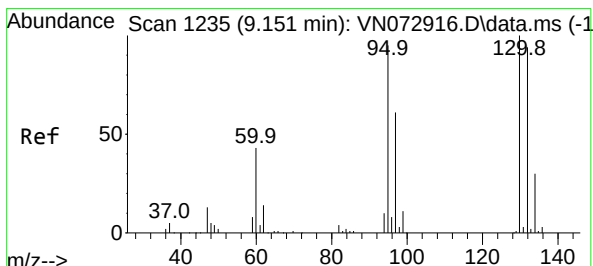
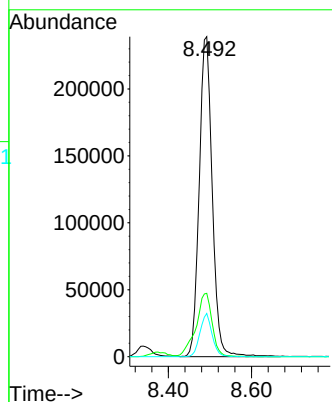
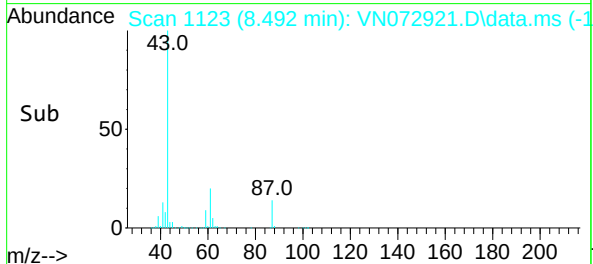
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



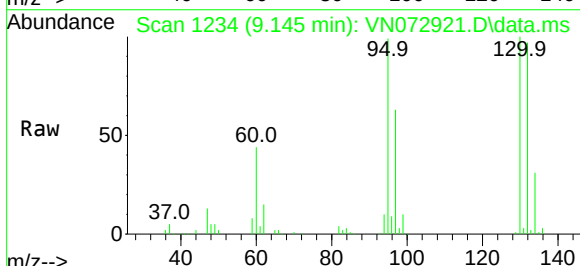
Tgt Ion: 43 Resp: 52077
Ion Ratio Lower Upper
43 100
61 24.3 21.9 32.9
87 12.6 12.0 18.0

Manual Integrations
APPROVED

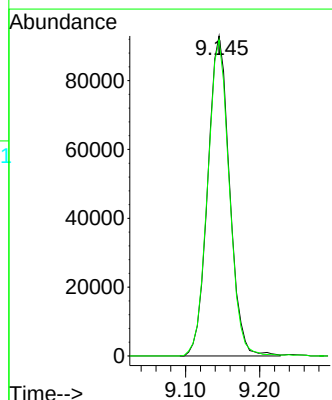
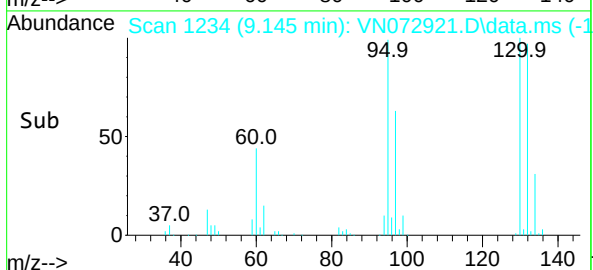
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022

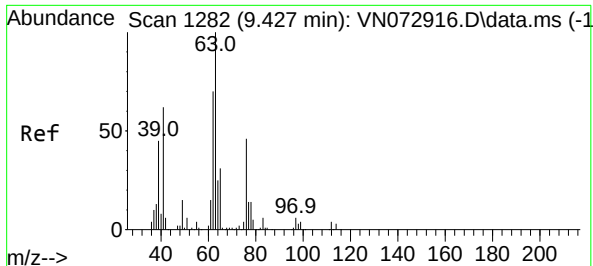


#44
Trichloroethene
Concen: 49.130 ug/l
RT: 9.145 min Scan# 1234
Delta R.T. -0.006 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50



Tgt Ion:130 Resp: 189844
Ion Ratio Lower Upper
130 100
95 98.8 0.0 186.8





#45

1,2-Dichloropropane

Concen: 49.246 ug/l

RT: 9.422 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VN072921.D

Acq: 18 Jun 2022 06:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 191938

Ion Ratio Lower Upper

63 100

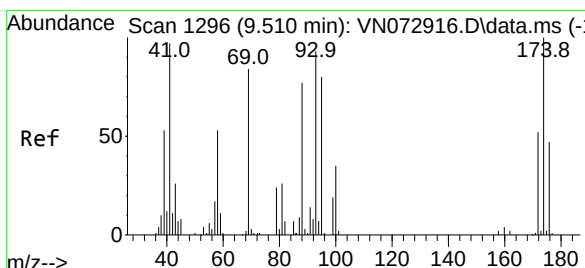
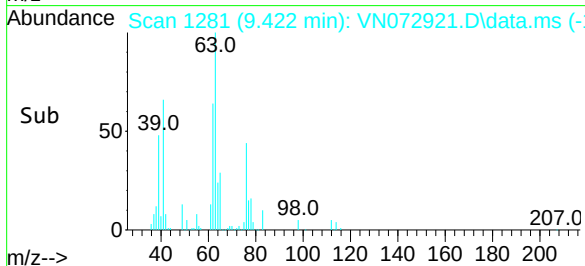
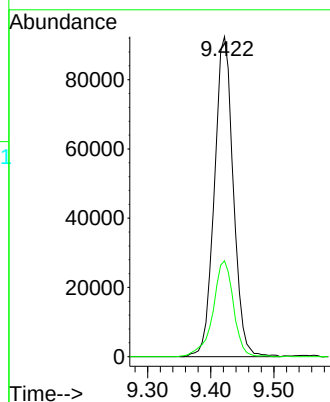
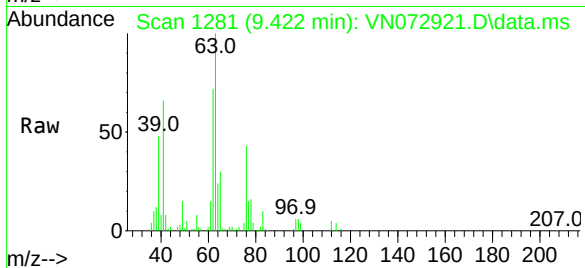
65 29.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/20/2022



#46

Dibromomethane

Concen: 50.042 ug/l

RT: 9.510 min Scan# 1296

Delta R.T. 0.000 min

Lab File: VN072921.D

Acq: 18 Jun 2022 06:50

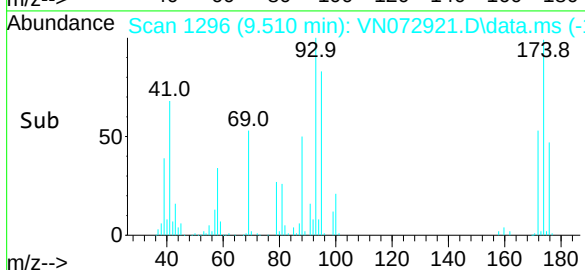
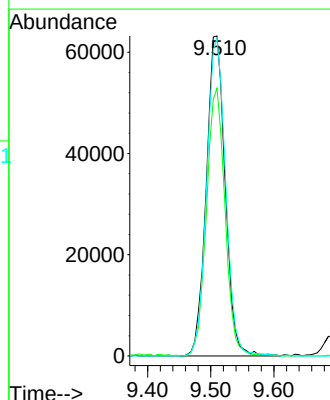
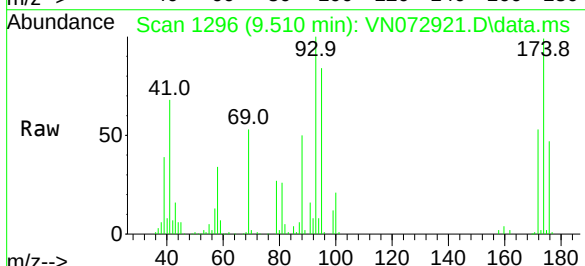
Tgt Ion: 93 Resp: 131881

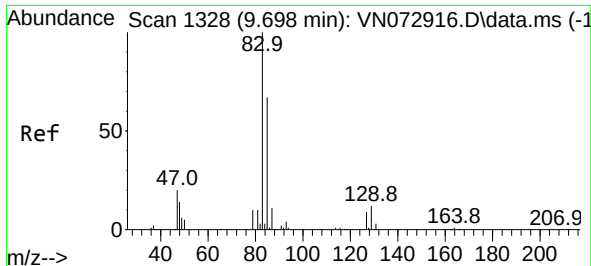
Ion Ratio Lower Upper

93 100

95 81.9 66.9 100.3

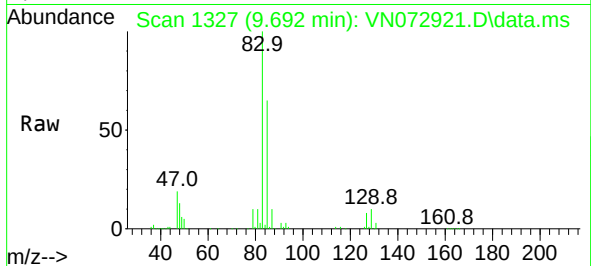
174 99.3 86.6 130.0





#47
Bromodichloromethane
Concen: 50.506 ug/l
RT: 9.692 min Scan# 1327
Delta R.T. -0.006 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

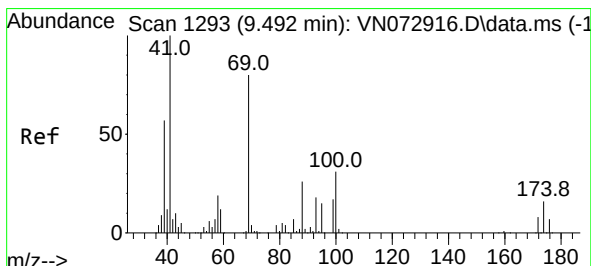
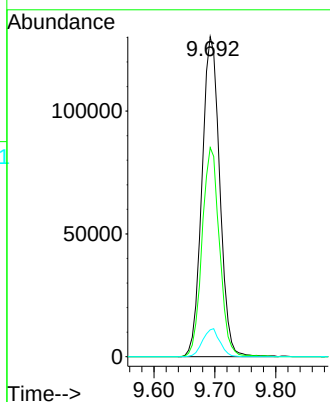
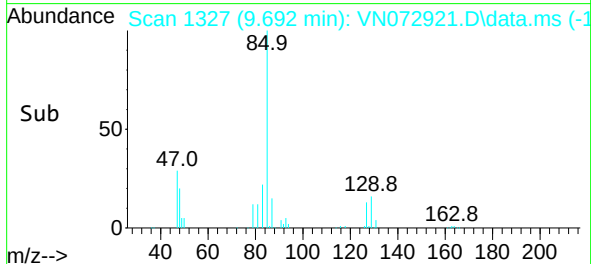
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



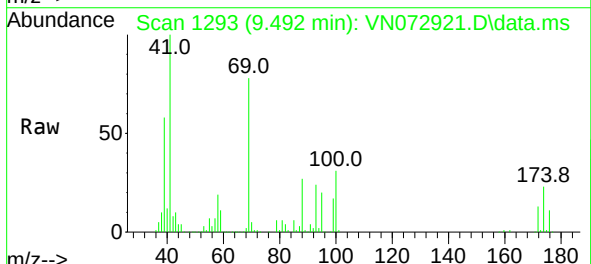
Tgt Ion: 83 Resp: 26452
Ion Ratio Lower Upper
83 100
85 65.3 50.5 75.7
127 8.4 6.8 10.2

Manual Integrations
APPROVED

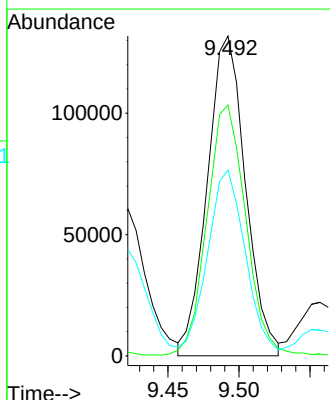
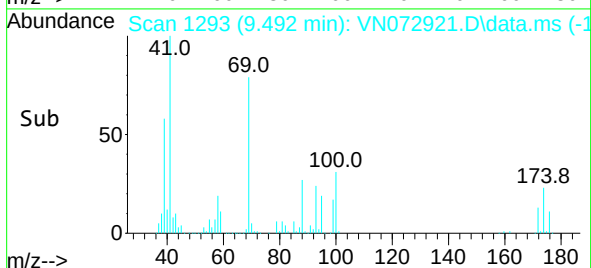
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022

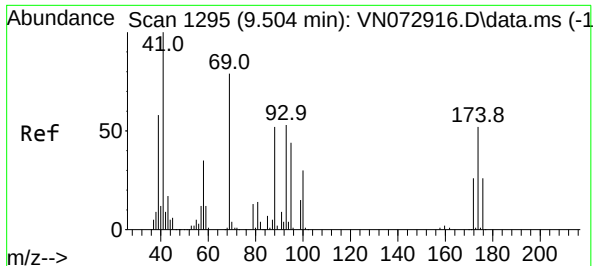


#48
Methyl methacrylate
Concen: 48.662 ug/l
RT: 9.492 min Scan# 1293
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50



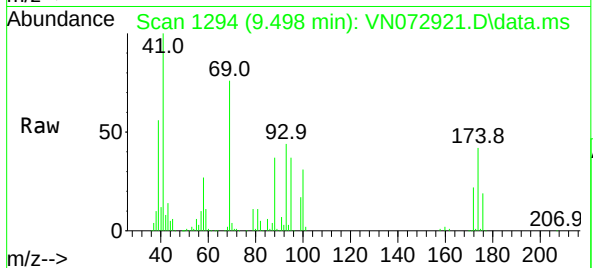
Tgt Ion: 41 Resp: 246464
Ion Ratio Lower Upper
41 100
69 79.9 74.7 112.1
39 57.7 45.6 68.4





#49
1,4-Dioxane
Concen: 784.126 ug/l
RT: 9.498 min Scan# 1295
Delta R.T. -0.006 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

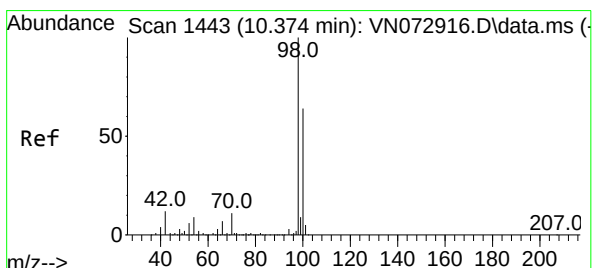
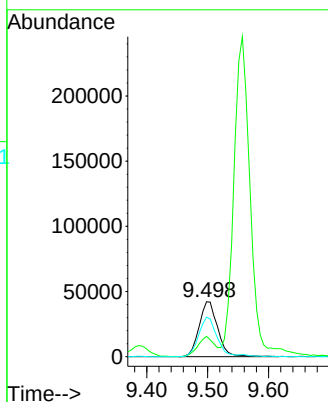
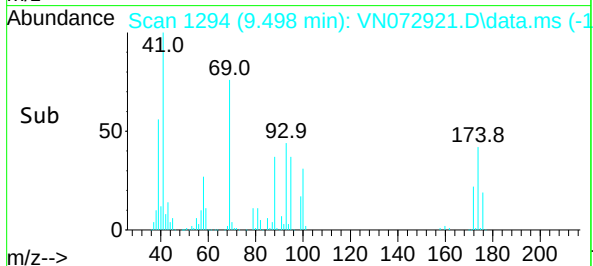
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



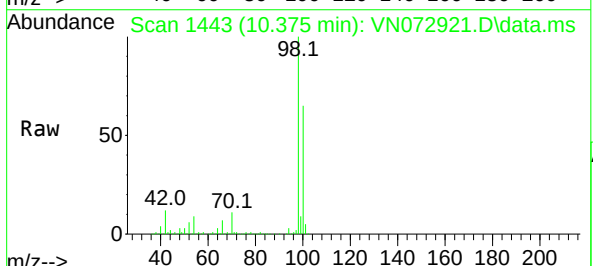
Tgt Ion: 88 Resp: 89359
Ion Ratio Lower Upper
88 100
43 33.9 20.2 30.4
58 72.5 54.2 81.4

Manual Integrations
APPROVED

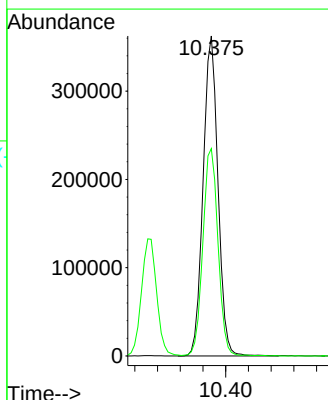
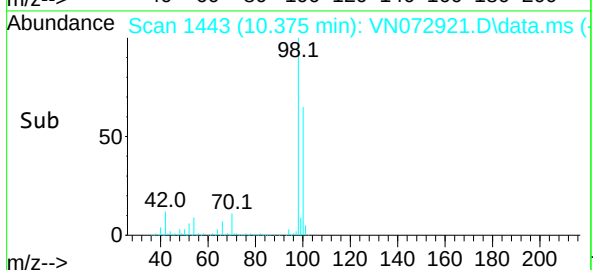
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022

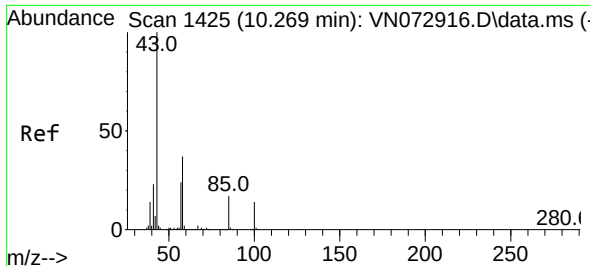


#50
Toluene-d8
Concen: 49.142 ug/l
RT: 10.375 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50



Tgt Ion: 98 Resp: 655659
Ion Ratio Lower Upper
98 100
100 65.7 52.6 78.8





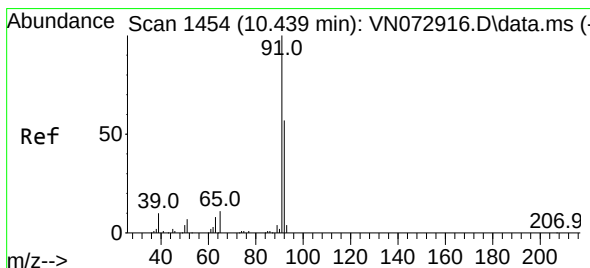
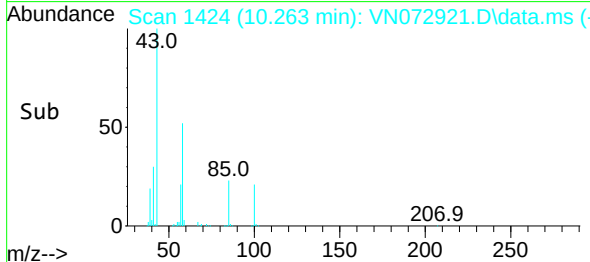
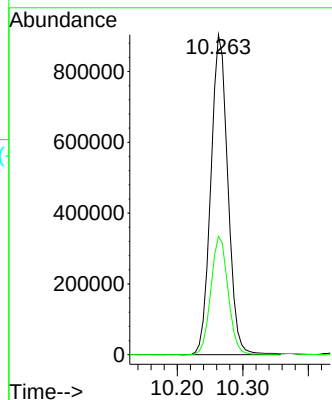
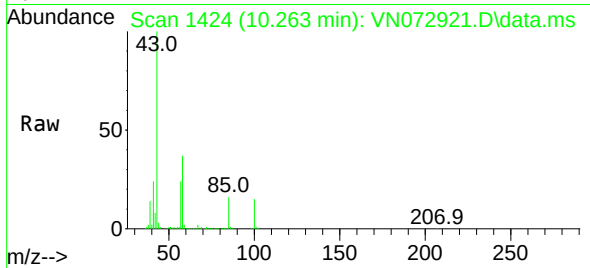
#51
4-Methyl-2-Pentanone
Concen: 225.284 ug/l
RT: 10.263 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1629694
Ion Ratio Lower Upper
43 100
58 37.4 34.1 51.1

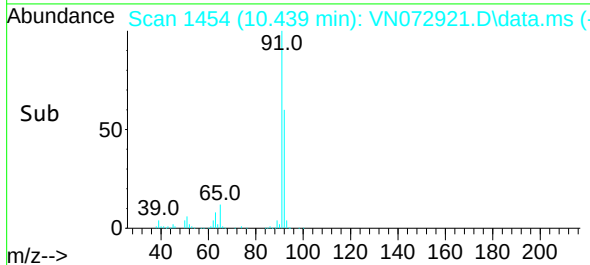
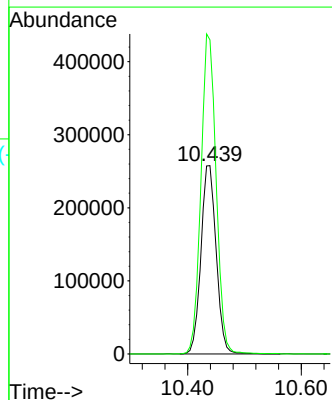
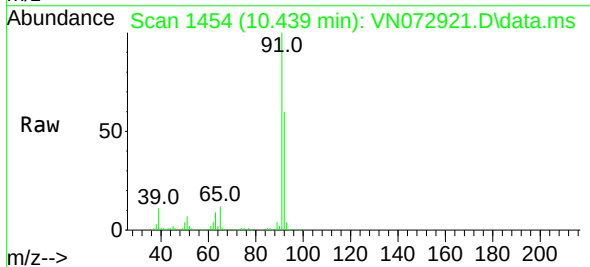
Manual Integrations
APPROVED

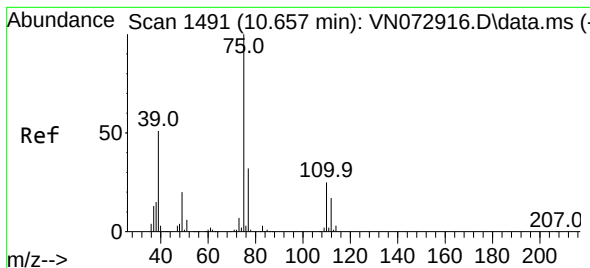
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022



#52
Toluene
Concen: 51.241 ug/l
RT: 10.439 min Scan# 1454
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

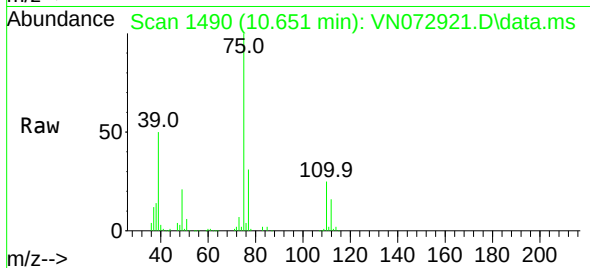
Tgt Ion: 92 Resp: 479687
Ion Ratio Lower Upper
92 100
91 169.3 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 53.110 ug/l
RT: 10.651 min Scan# 1491
Delta R.T. -0.006 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

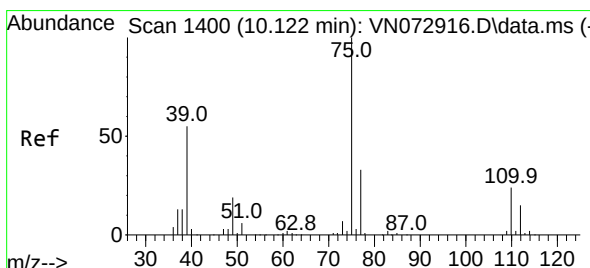
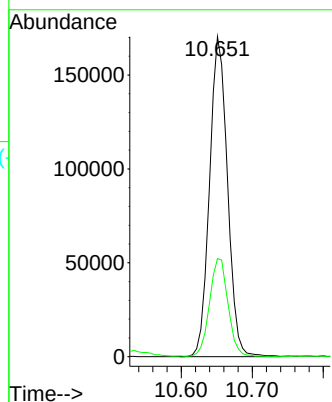
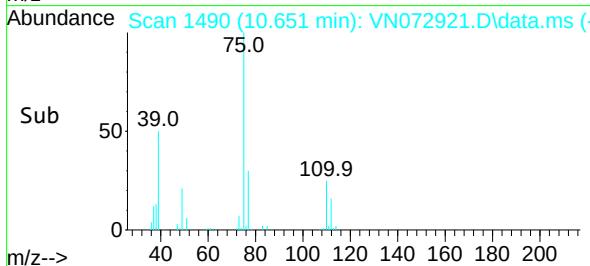
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 299149
Ion Ratio Lower Upper
75 100
77 30.7 25.6 38.4

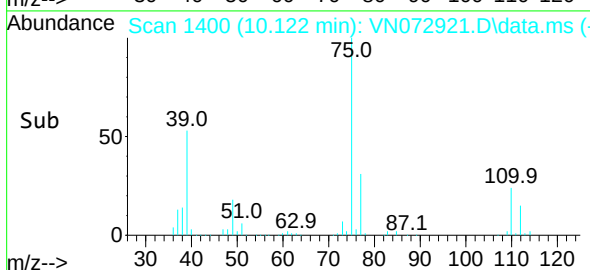
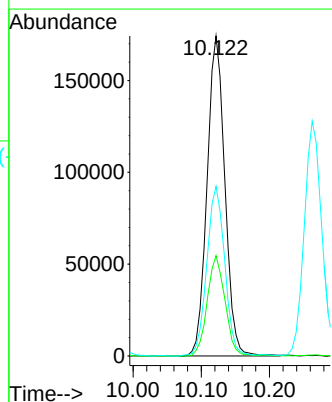
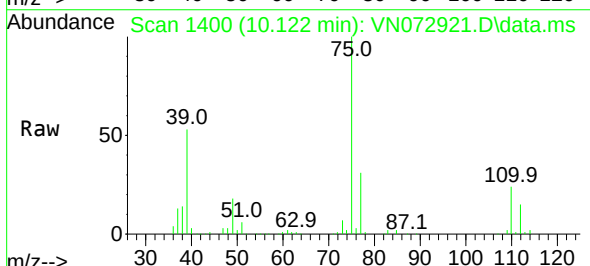
Manual Integrations
APPROVED

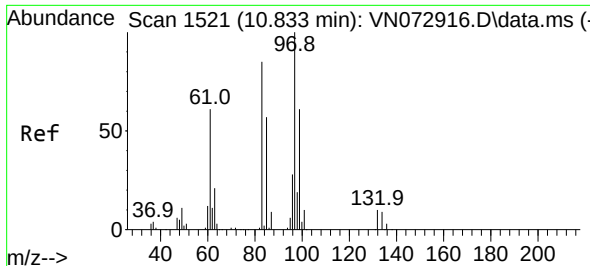
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022



#54
cis-1,3-Dichloropropene
Concen: 51.516 ug/l
RT: 10.122 min Scan# 1400
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

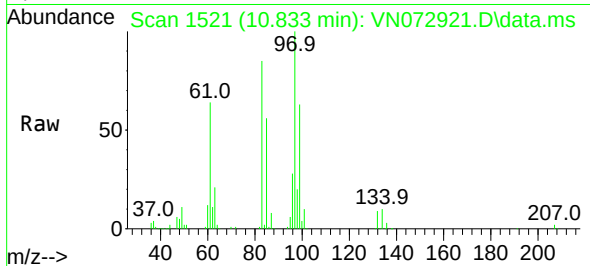
Tgt Ion: 75 Resp: 316954
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8
39 53.0 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 46.495 ug/l
RT: 10.833 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

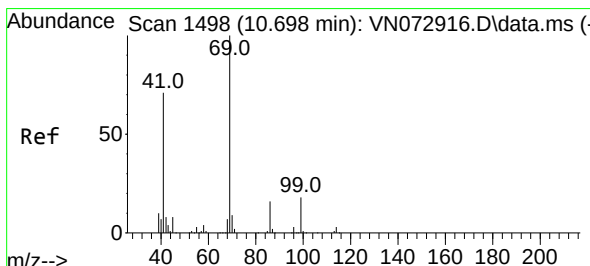
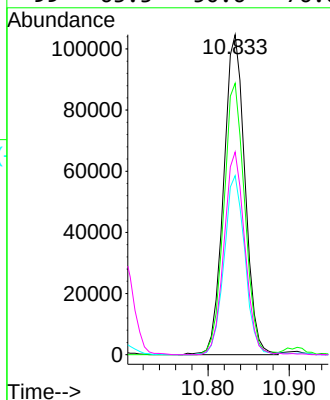
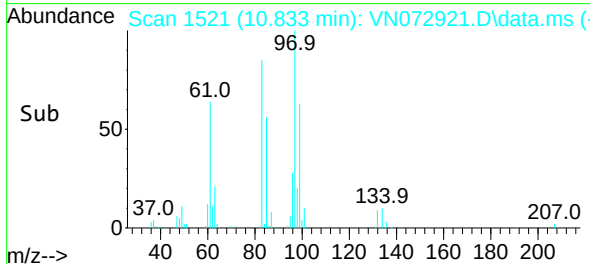
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



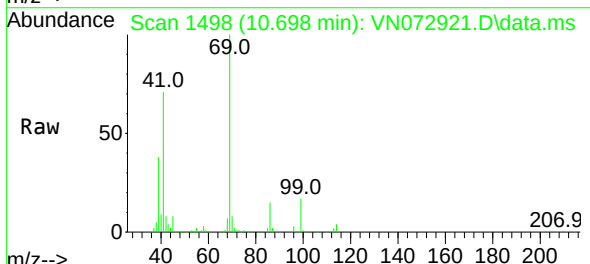
Tgt Ion: 97 Resp: 191110
Ion Ratio Lower Upper
97 100
83 84.8 66.2 99.4
85 56.0 43.9 65.9
99 63.3 50.6 76.0

Manual Integrations
APPROVED

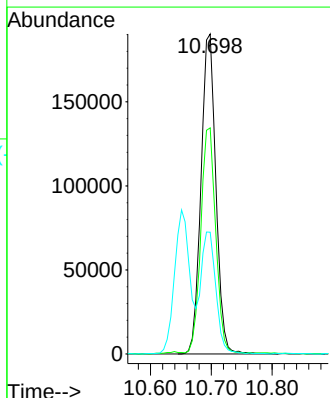
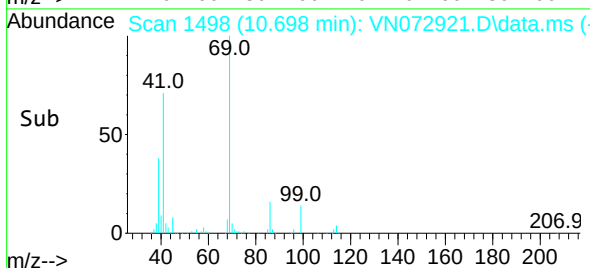
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022

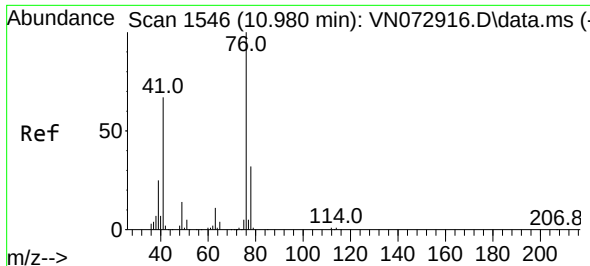


#56
Ethyl methacrylate
Concen: 49.114 ug/l
RT: 10.698 min Scan# 1498
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50



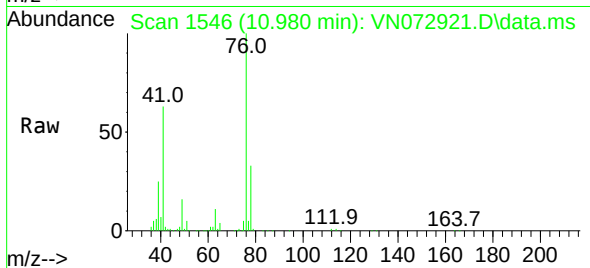
Tgt Ion: 69 Resp: 323577
Ion Ratio Lower Upper
69 100
41 70.4 47.8 71.6
39 37.7 27.3 40.9





#57
1,3-Dichloropropane
Concen: 47.446 ug/l
RT: 10.980 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

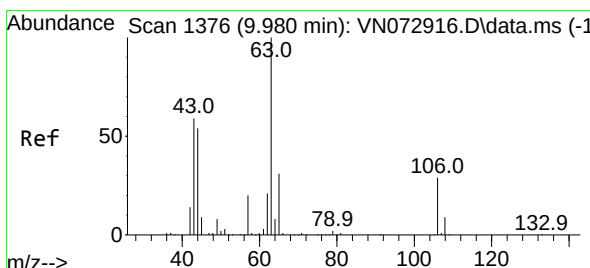
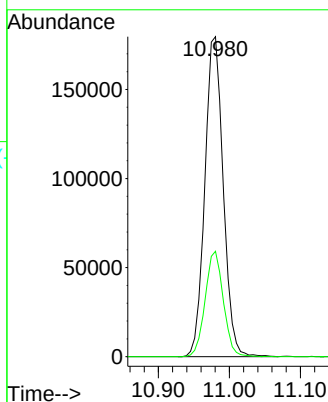
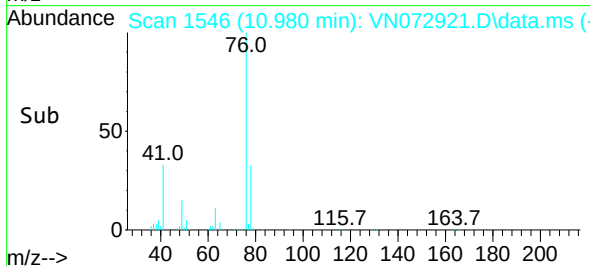
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 76 Resp: 32355
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.2

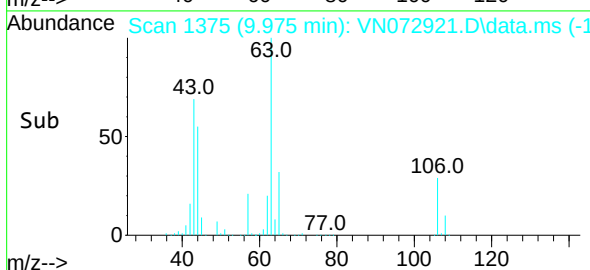
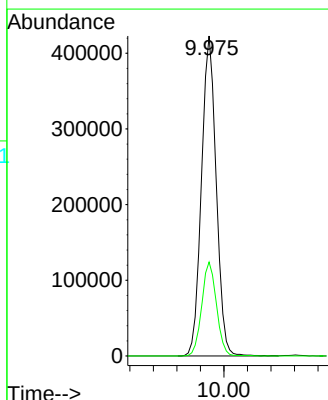
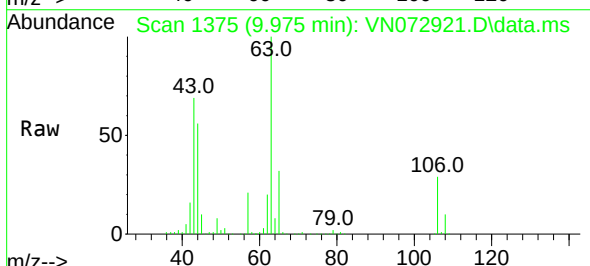
Manual Integrations
APPROVED

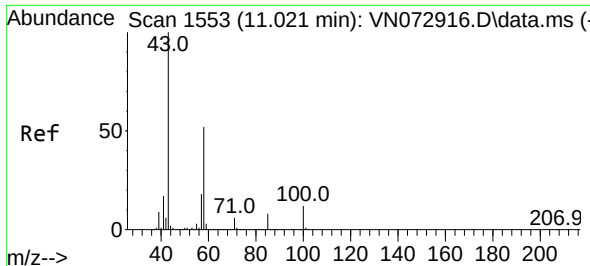
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022



#58
2-Chloroethyl Vinyl ether
Concen: 253.403 ug/l
RT: 9.975 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

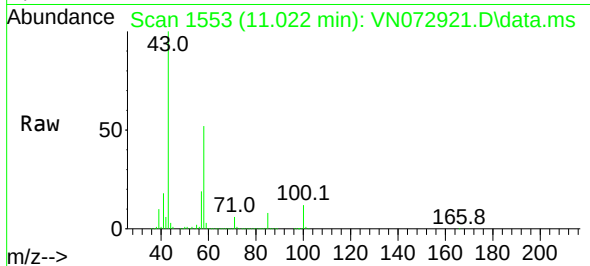
Tgt Ion: 63 Resp: 737073
Ion Ratio Lower Upper
63 100
106 29.2 24.6 36.8





#59
2-Hexanone
Concen: 221.980 ug/l
RT: 11.022 min Scan# 1553
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

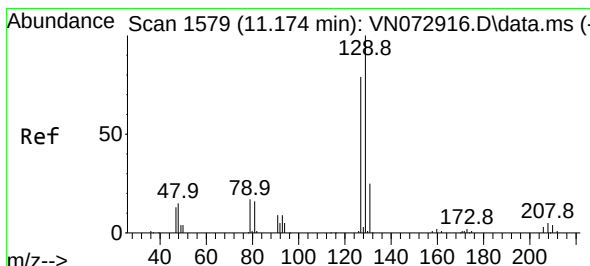
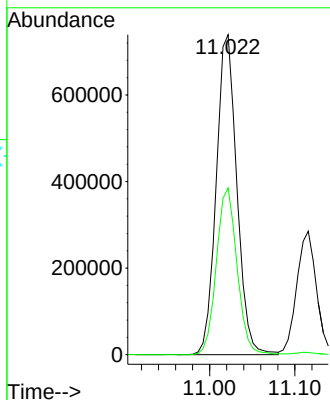
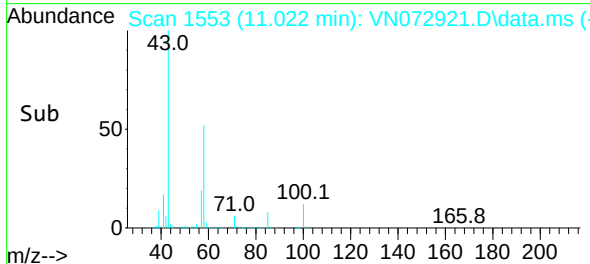
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



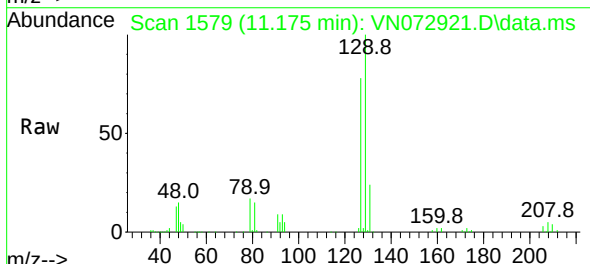
Tgt Ion: 43 Resp: 1241980
Ion Ratio Lower Upper
43 100
58 52.3 29.7 89.1

Manual Integrations
APPROVED

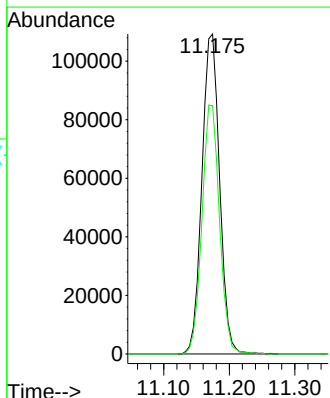
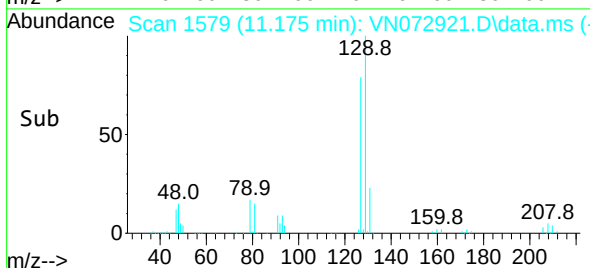
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022

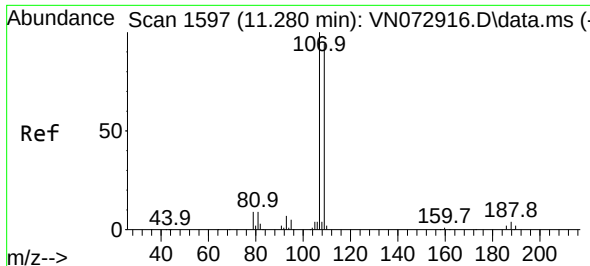


#60
Dibromochloromethane
Concen: 52.825 ug/l
RT: 11.175 min Scan# 1579
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50



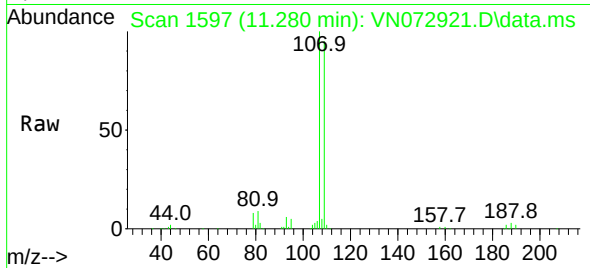
Tgt Ion:129 Resp: 205211
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 50.253 ug/l
RT: 11.280 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

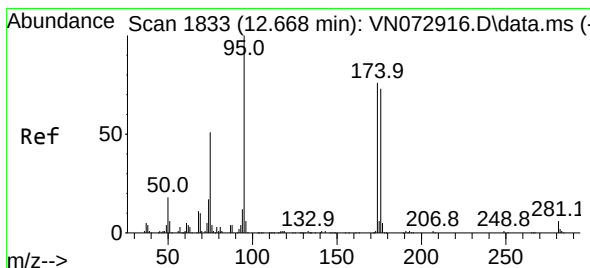
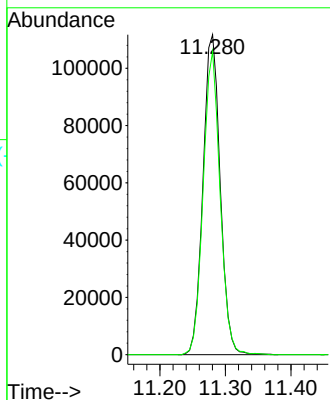
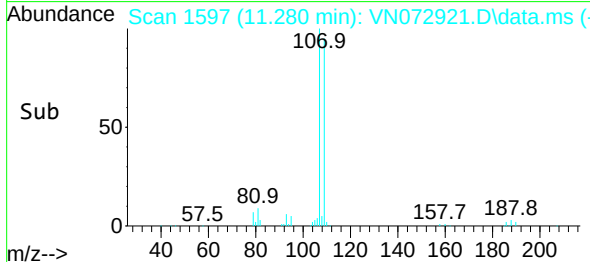
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



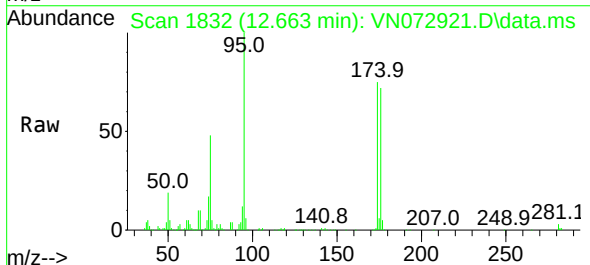
Tgt Ion:107 Resp: 203630
Ion Ratio Lower Upper
107 100
109 93.3 75.0 112.6

Manual Integrations
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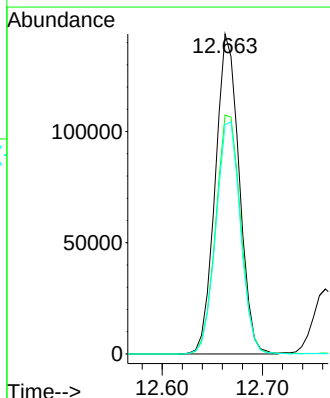
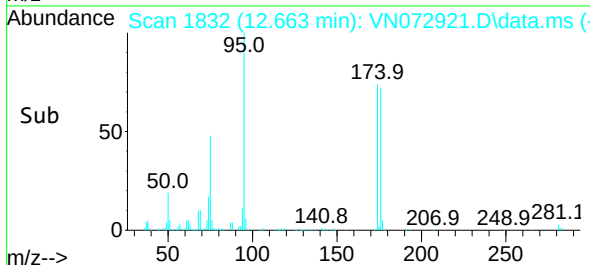
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022

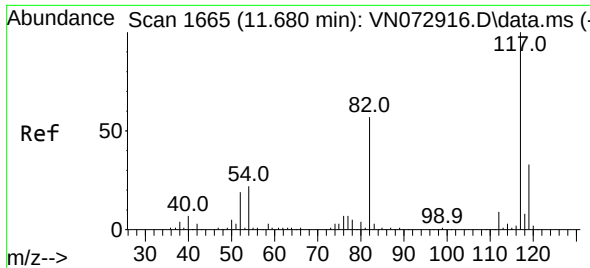


#62
4-Bromofluorobenzene
Concen: 49.517 ug/l
RT: 12.663 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50



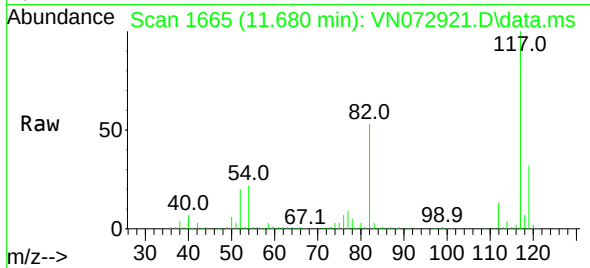
Tgt Ion: 95 Resp: 237566
Ion Ratio Lower Upper
95 100
174 77.8 0.0 167.6
176 74.6 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.680 min Scan# 1165
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

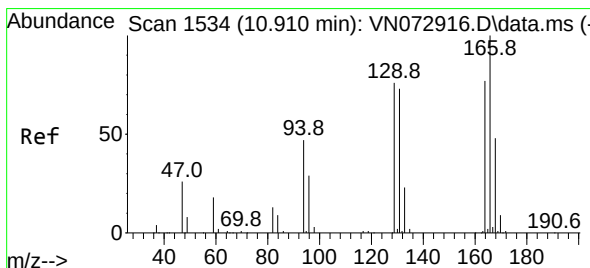
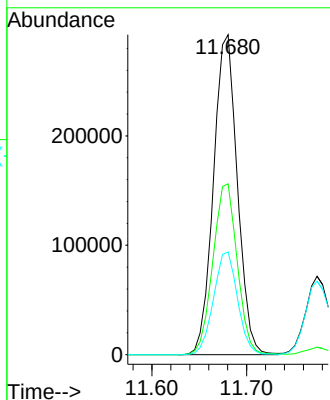
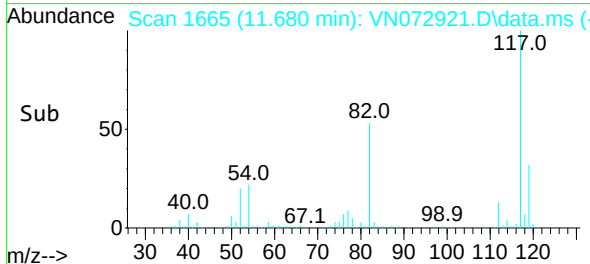
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



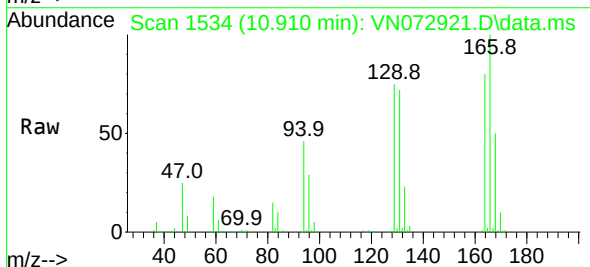
Tgt Ion:117 Resp: 512560
Ion Ratio Lower Upper
117 100
82 53.4 44.2 66.2
119 32.1 25.4 38.0

Manual Integrations
APPROVED

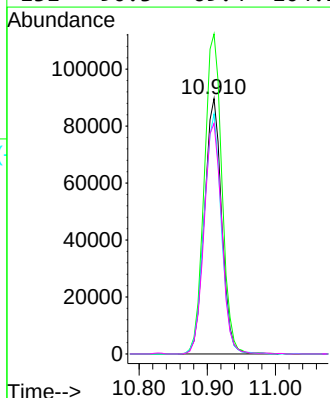
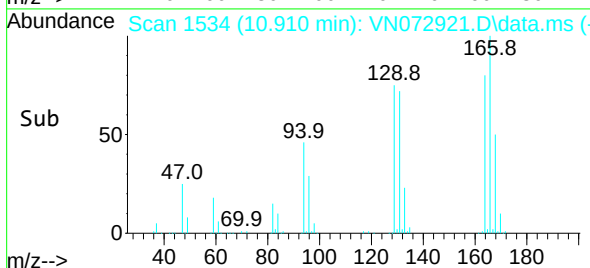
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022

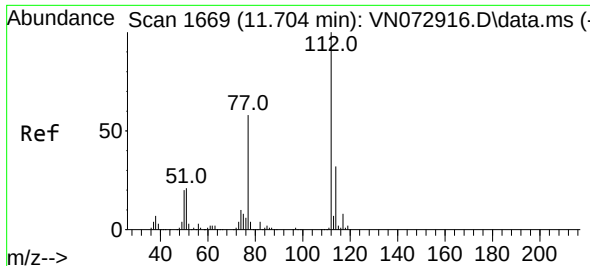


#64
Tetrachloroethene
Concen: 50.576 ug/l
RT: 10.910 min Scan# 1534
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50



Tgt Ion:164 Resp: 157701
Ion Ratio Lower Upper
164 100
166 125.3 104.2 156.2
129 94.1 73.9 110.9
131 90.3 69.4 104.2





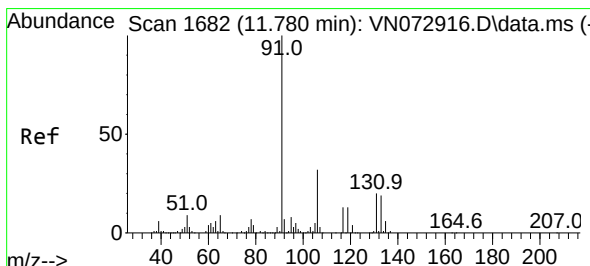
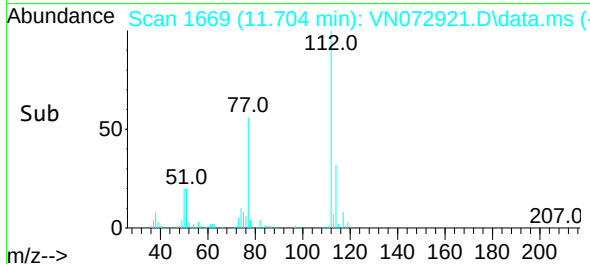
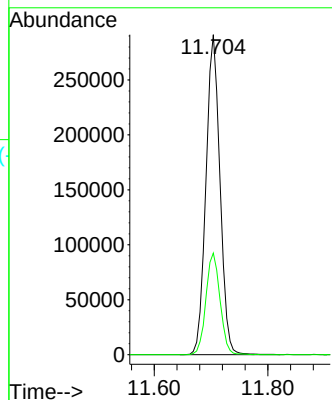
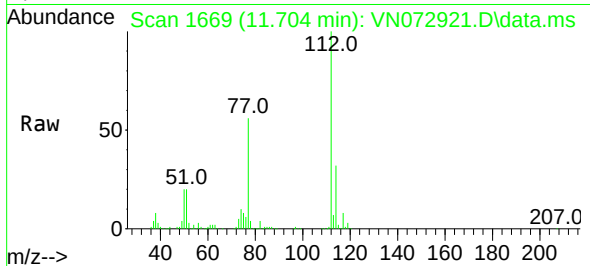
#65
Chlorobenzene
Concen: 49.658 ug/l
RT: 11.704 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 497079
Ion Ratio Lower Upper
112 100
114 31.7 25.4 38.2

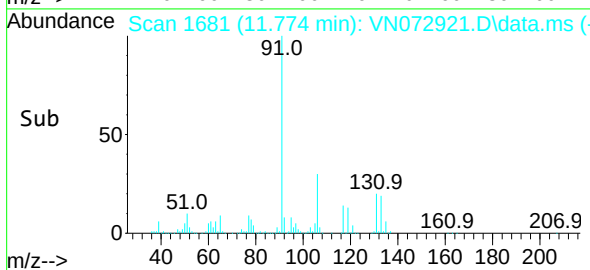
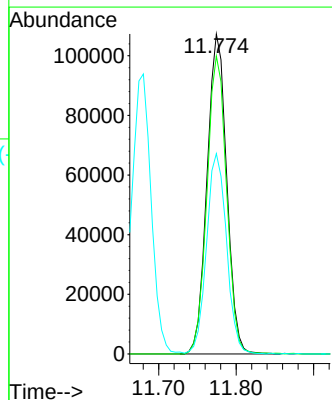
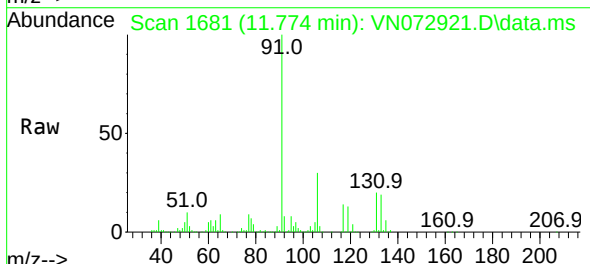
Manual Integrations
APPROVED

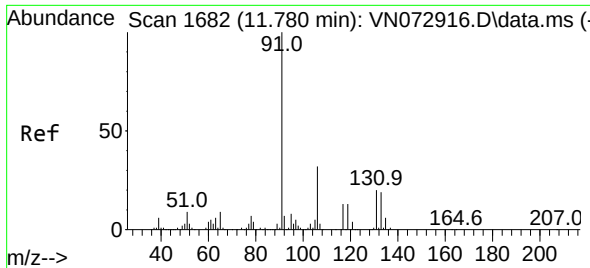
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 49.643 ug/l
RT: 11.774 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

Tgt Ion:131 Resp: 189136
Ion Ratio Lower Upper
131 100
133 93.0 47.8 143.4
119 63.6 33.4 100.2





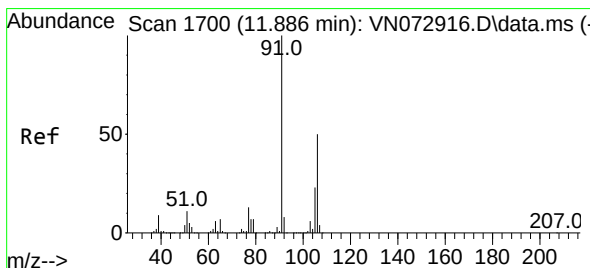
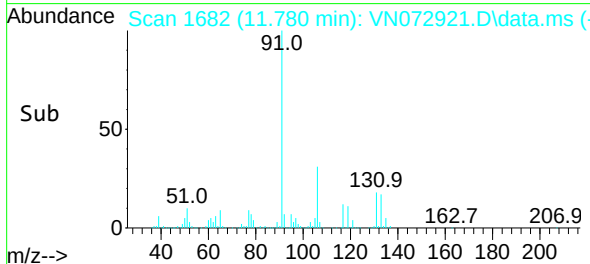
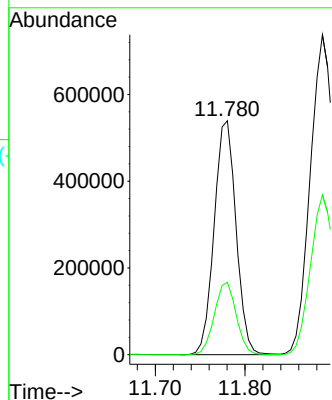
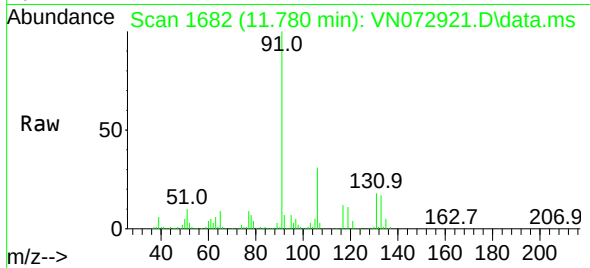
#67
Ethyl Benzene
Concen: 51.804 ug/l
RT: 11.780 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 91285
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3

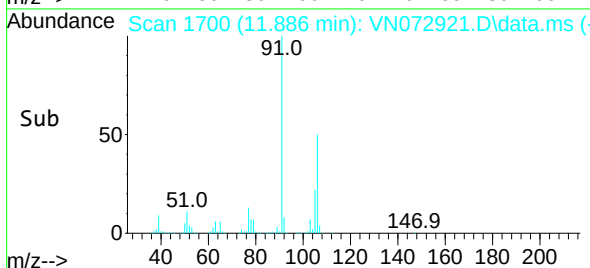
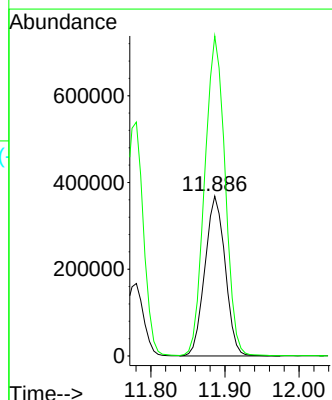
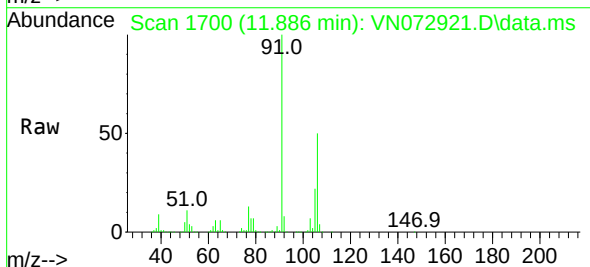
Manual Integrations
APPROVED

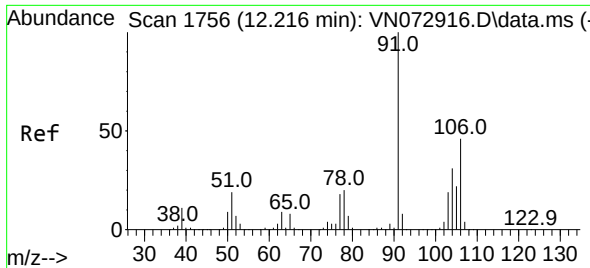
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022



#68
m/p-Xylenes
Concen: 101.182 ug/l
RT: 11.886 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

Tgt Ion:106 Resp: 699301
Ion Ratio Lower Upper
106 100
91 201.7 158.9 238.3





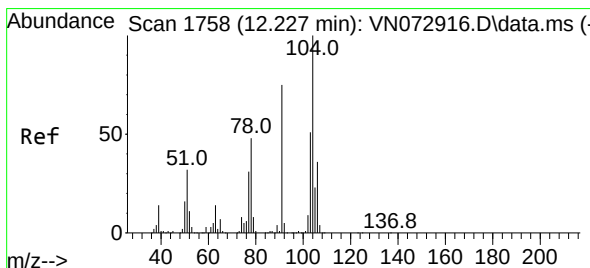
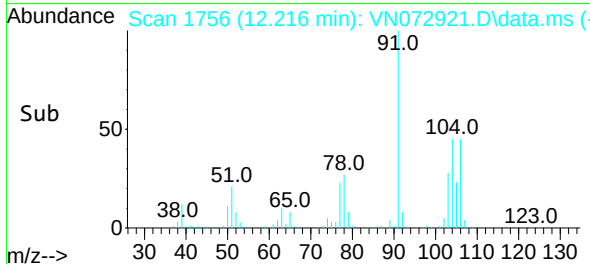
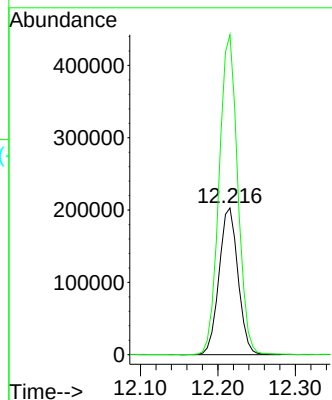
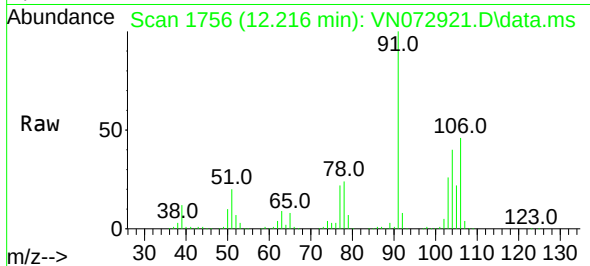
#69
o-Xylene
Concen: 50.113 ug/l
RT: 12.216 min Scan# 1756
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 346088
Ion Ratio Lower Upper
106 100
91 214.0 106.0 318.0

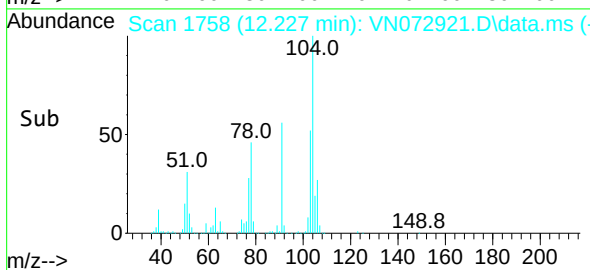
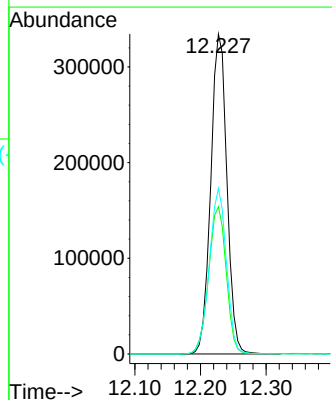
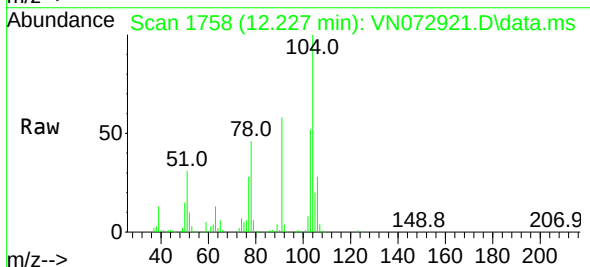
Manual Integrations
APPROVED

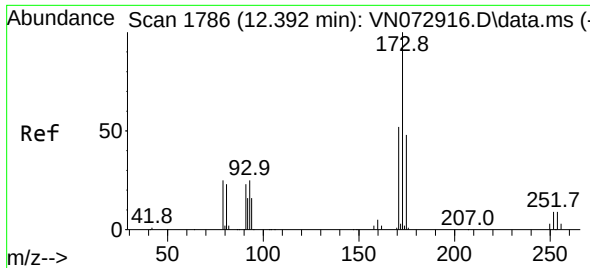
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022



#70
Styrene
Concen: 51.685 ug/l
RT: 12.227 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

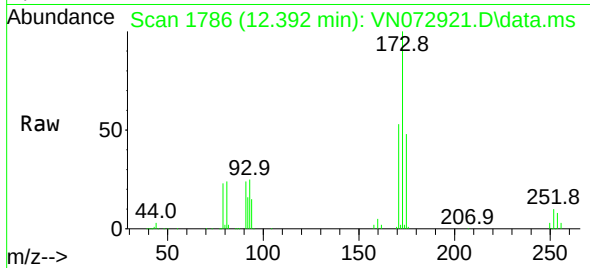
Tgt Ion:104 Resp: 573213
Ion Ratio Lower Upper
104 100
78 50.0 39.5 59.3
103 54.8 44.0 66.0





#71
Bromoform
Concen: 52.391 ug/l
RT: 12.392 min Scan# 1786
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

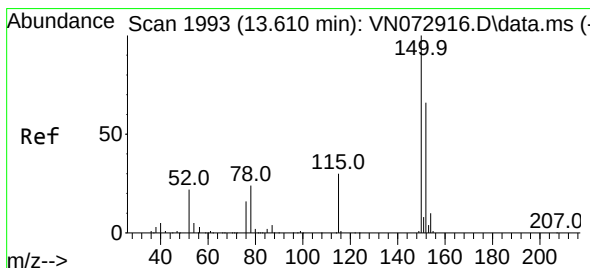
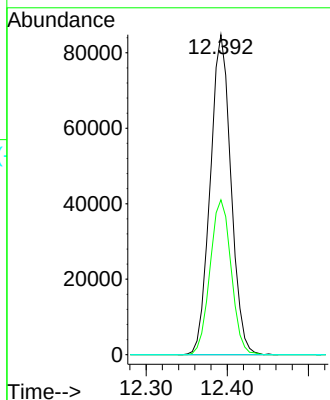
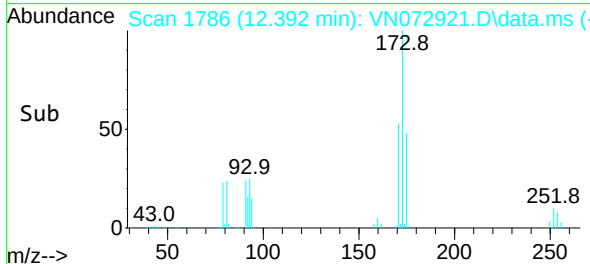
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



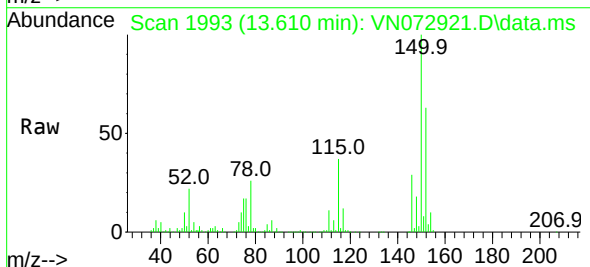
Tgt Ion:173 Resp: 150500
Ion Ratio Lower Upper
173 100
175 49.2 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

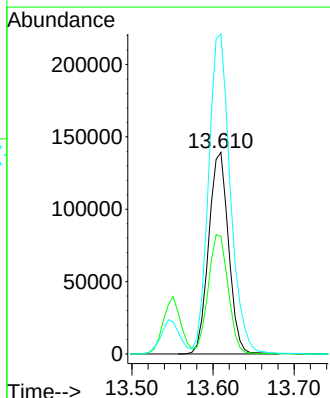
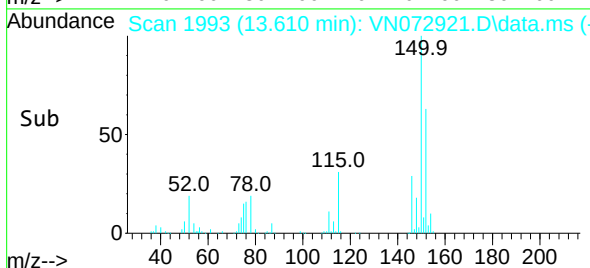
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022

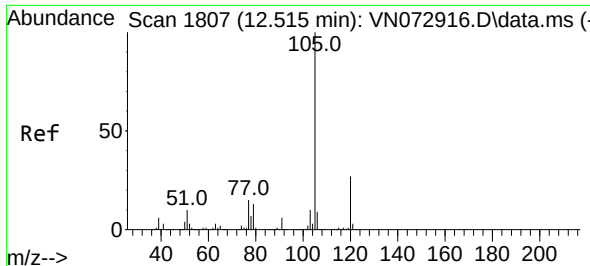


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.610 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50



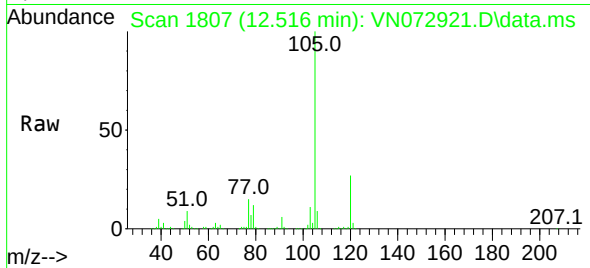
Tgt Ion:152 Resp: 236814
Ion Ratio Lower Upper
152 100
115 59.6 28.9 86.7
150 173.7 0.0 356.2





#73
Isopropylbenzene
Concen: 49.413 ug/l
RT: 12.516 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

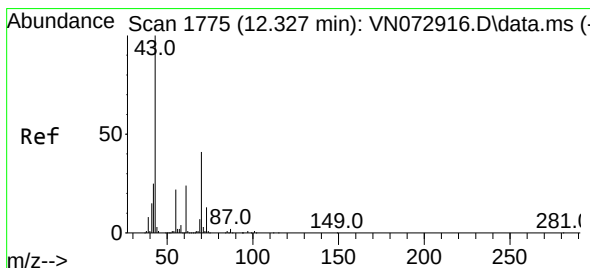
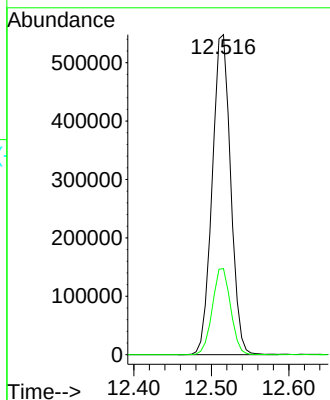
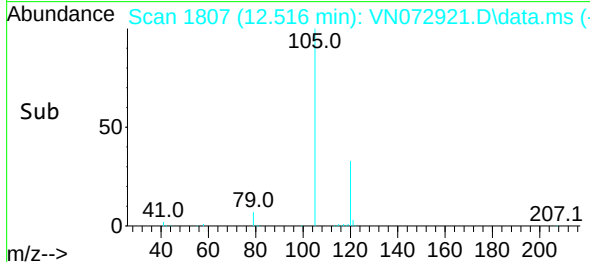
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



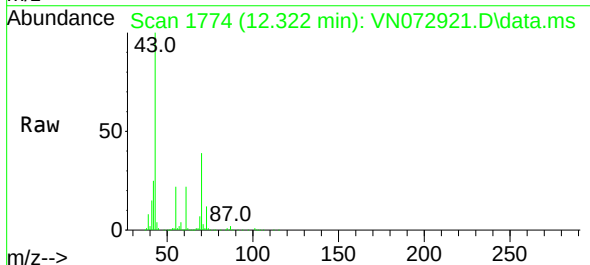
Tgt Ion:105 Resp: 90528
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4

Manual Integrations
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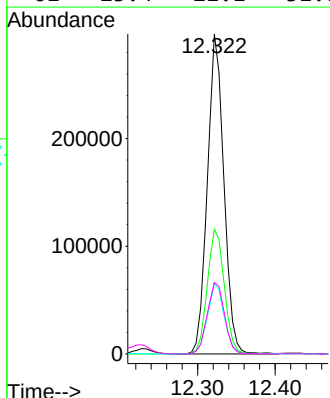
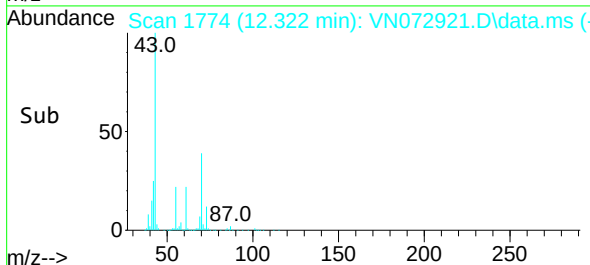
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022

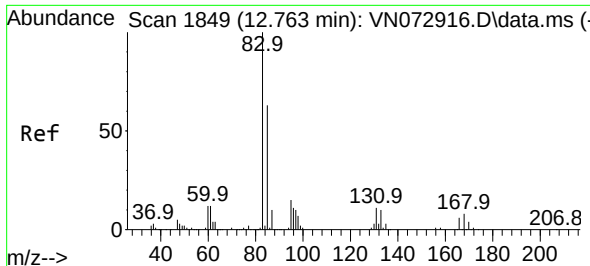


#74
N-ethyl acetate
Concen: 46.196 ug/l
RT: 12.322 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50



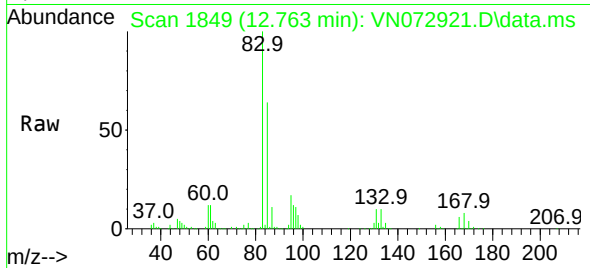
Tgt Ion: 43 Resp: 439197
Ion Ratio Lower Upper
43 100
70 40.3 39.0 58.4
55 22.5 21.1 31.7
61 23.4 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 44.746 ug/l
RT: 12.763 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

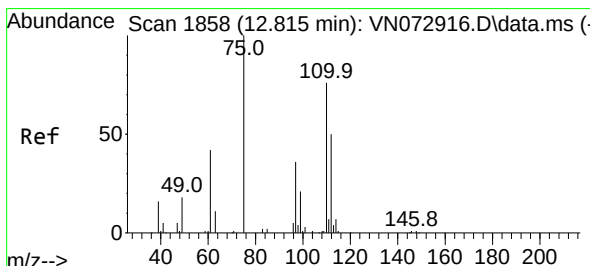
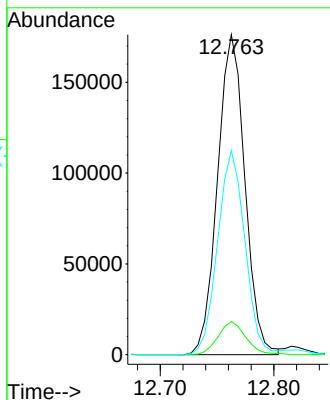
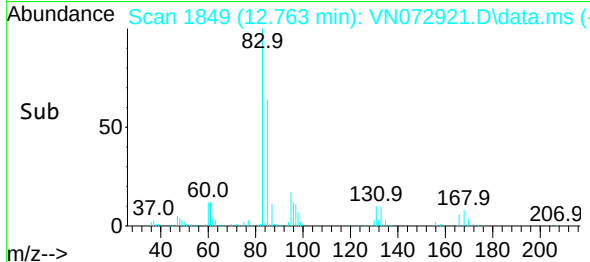
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



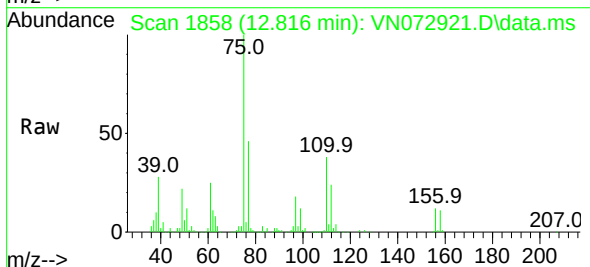
Tgt Ion: 83 Resp: 295238
Ion Ratio Lower Upper
83 100
131 10.5 5.3 15.9
85 63.6 32.3 96.9

Manual Integrations
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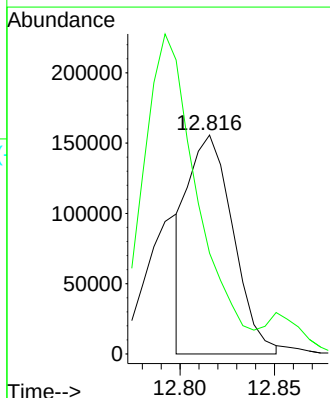
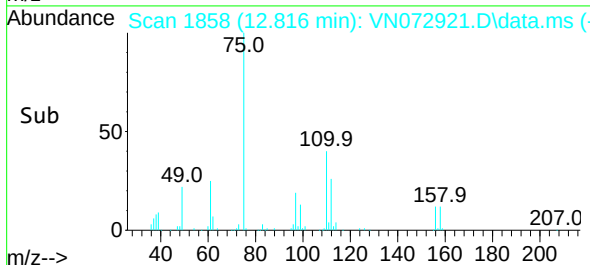
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022

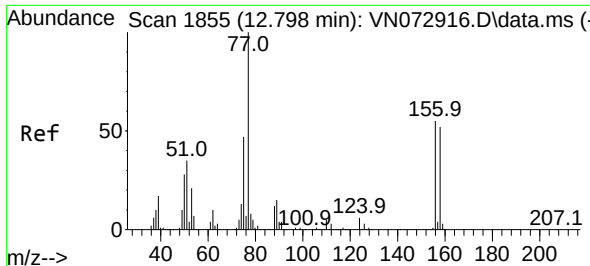


#76
1,2,3-Trichloropropane
Concen: 45.105 ug/l m
RT: 12.816 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50



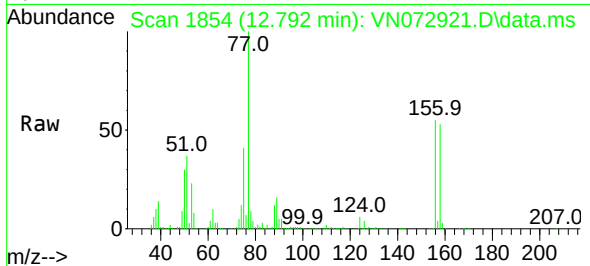
Tgt Ion: 75 Resp: 258972
Ion Ratio Lower Upper
75 100
77 0.0 98.5 295.5#





#77
Bromobenzene
Concen: 48.479 ug/l
RT: 12.792 min Scan# 1854
Delta R.T. -0.006 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

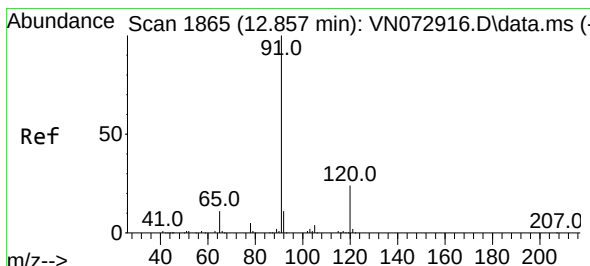
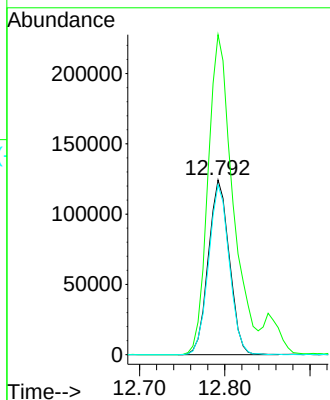
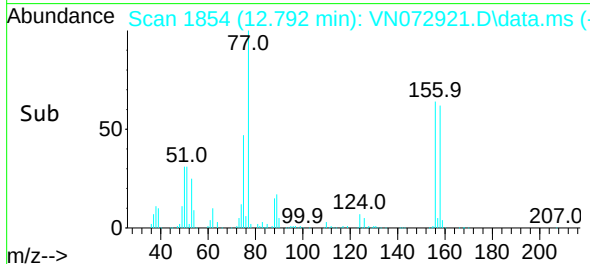
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



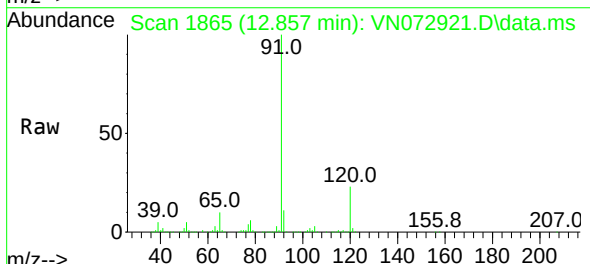
Tgt Ion:156 Resp: 21277
Ion Ratio Lower Upper
156 100
77 216.6 100.5 301.5
158 95.9 48.9 146.6

Manual Integrations
APPROVED

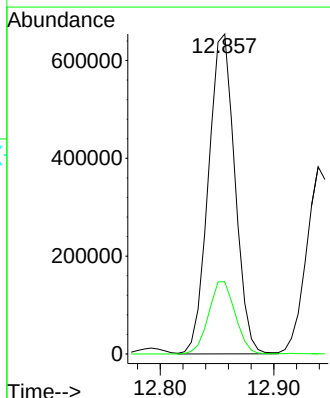
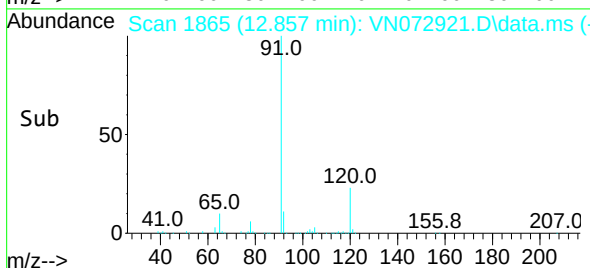
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022

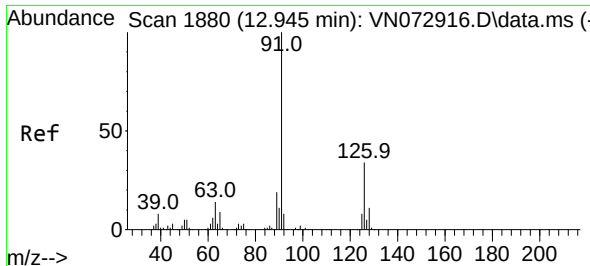


#78
n-propylbenzene
Concen: 52.644 ug/l
RT: 12.857 min Scan# 1865
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50



Tgt Ion: 91 Resp: 1060854
Ion Ratio Lower Upper
91 100
120 22.7 11.9 35.5





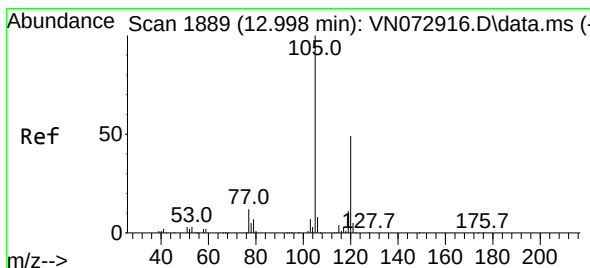
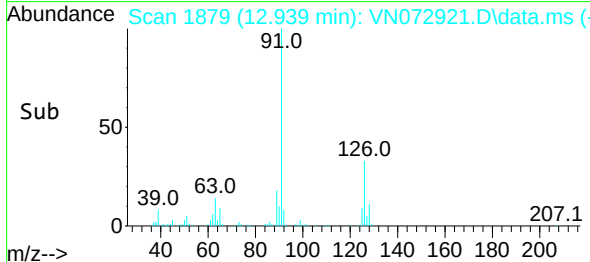
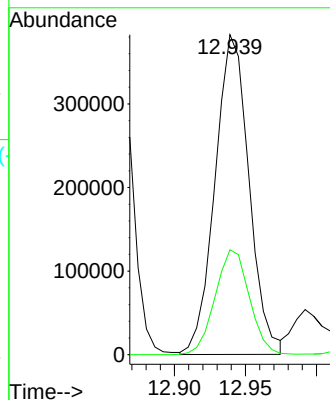
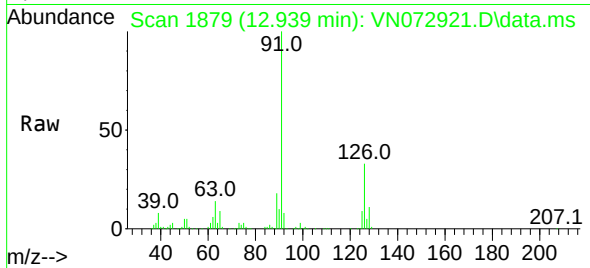
#79
2-Chlorotoluene
Concen: 48.799 ug/l
RT: 12.939 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 636798
Ion Ratio Lower Upper
91 100
126 33.1 17.3 51.9

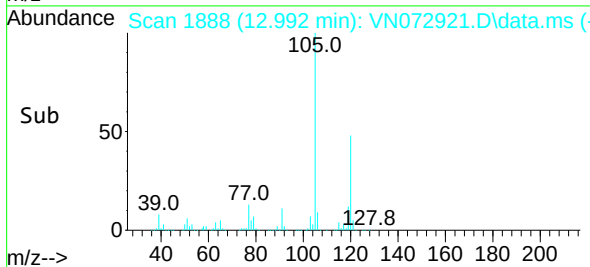
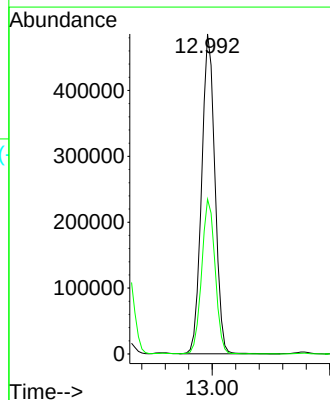
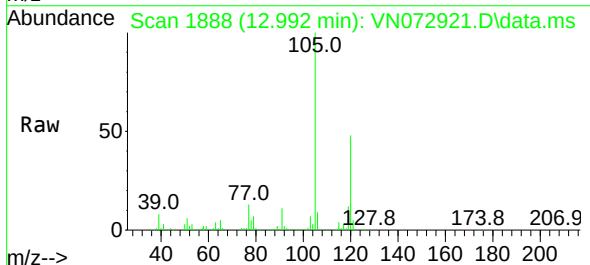
Manual Integrations
APPROVED

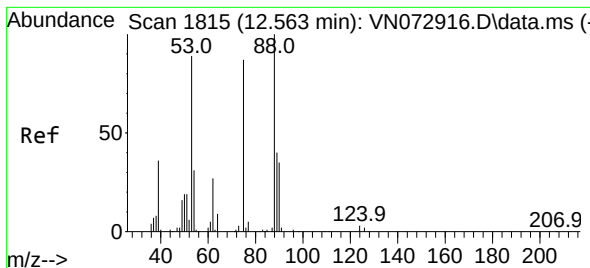
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022



#80
1,3,5-Trimethylbenzene
Concen: 50.706 ug/l
RT: 12.992 min Scan# 1888
Delta R.T. -0.006 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

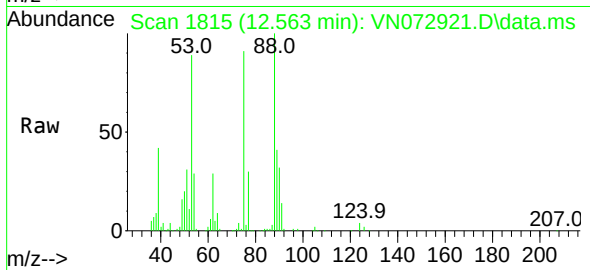
Tgt Ion:105 Resp: 763064
Ion Ratio Lower Upper
105 100
120 48.7 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 49.783 ug/l
RT: 12.563 min Scan# 1815
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

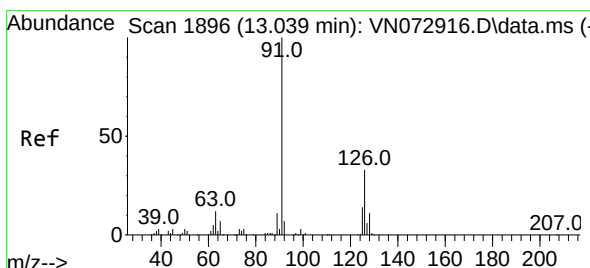
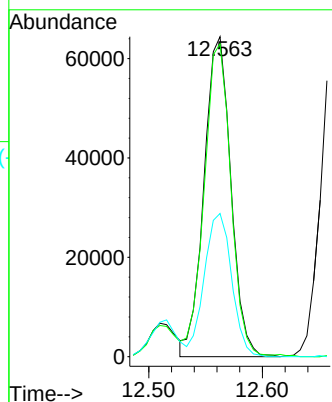
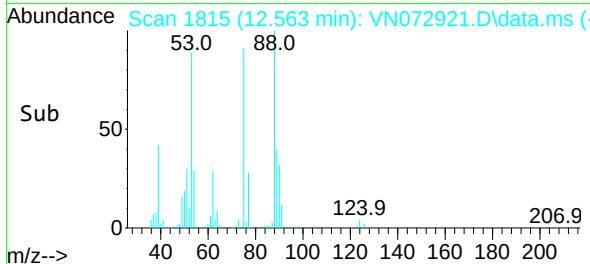
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 75 Resp: 105838
Ion Ratio Lower Upper
75 100
53 97.5 78.0 117.0
89 45.4 37.2 55.8

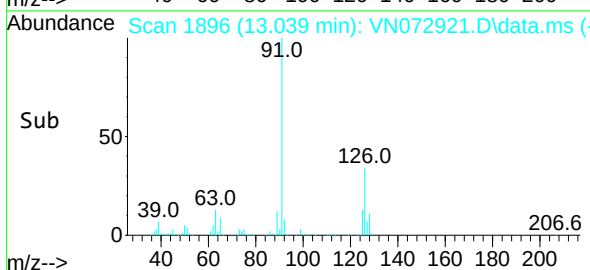
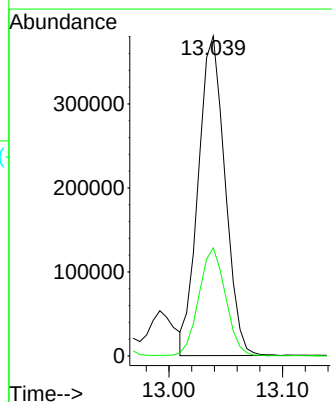
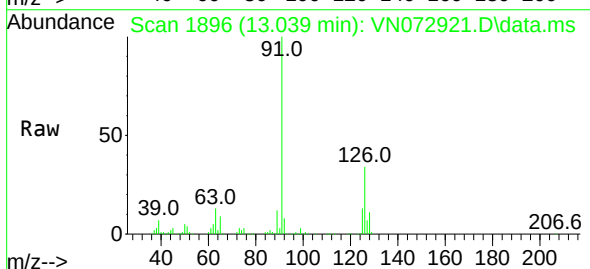
Manual Integrations
APPROVED

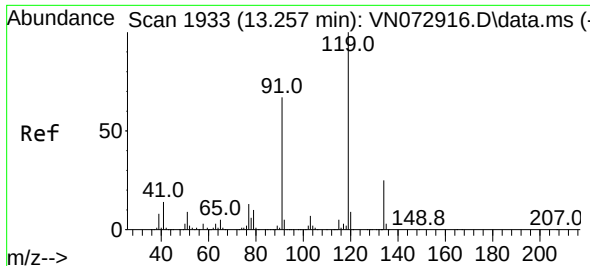
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022



#82
4-Chlorotoluene
Concen: 50.261 ug/l
RT: 13.039 min Scan# 1896
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

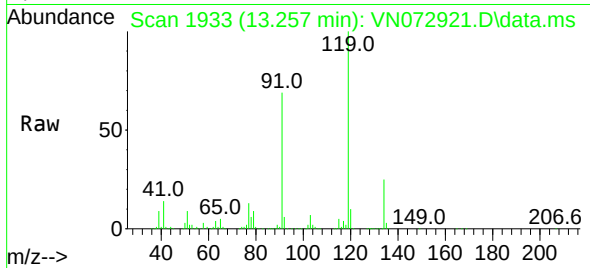
Tgt Ion: 91 Resp: 620538
Ion Ratio Lower Upper
91 100
126 33.6 17.2 51.6





#83
tert-Butylbenzene
Concen: 47.791 ug/l
RT: 13.257 min Scan# 1933
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

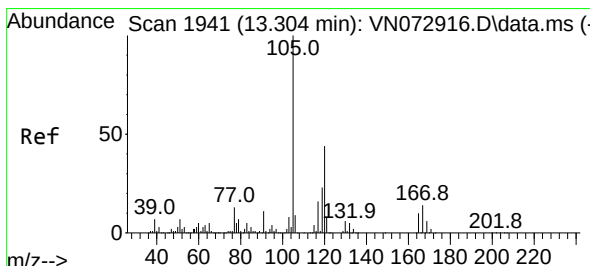
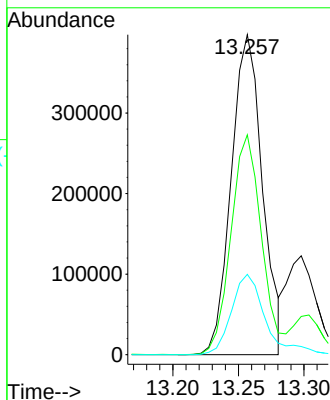
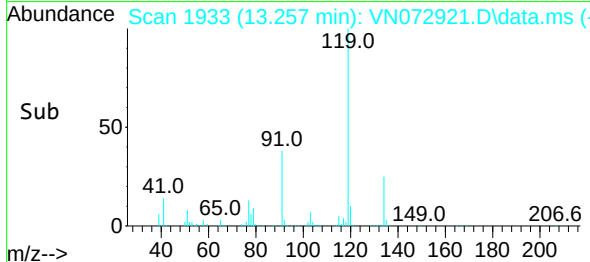
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



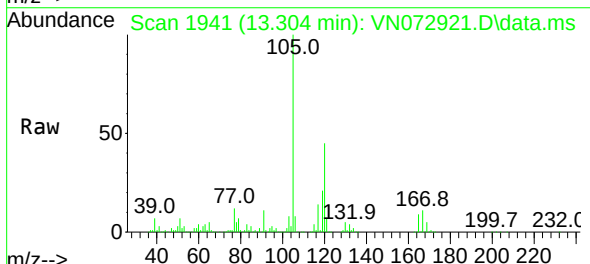
Tgt Ion:119 Resp: 658673
Ion Ratio Lower Upper
119 100
91 67.7 31.6 94.8
134 27.3 13.7 41.1

Manual Integrations
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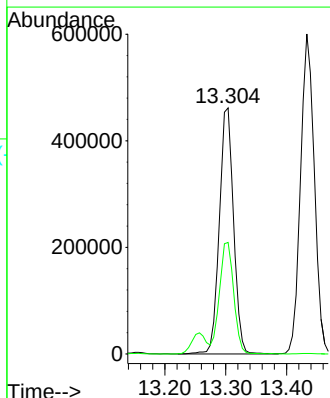
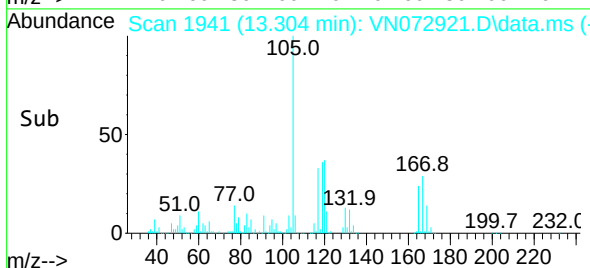
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022

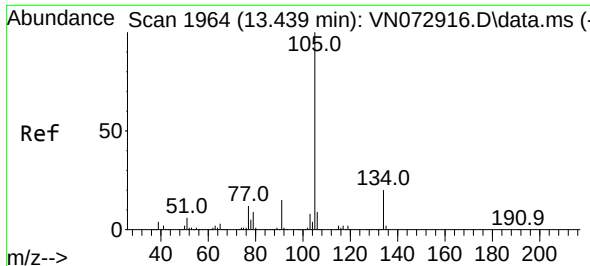


#84
1,2,4-Trimethylbenzene
Concen: 49.949 ug/l
RT: 13.304 min Scan# 1941
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50



Tgt Ion:105 Resp: 748682
Ion Ratio Lower Upper
105 100
120 45.6 23.3 69.8





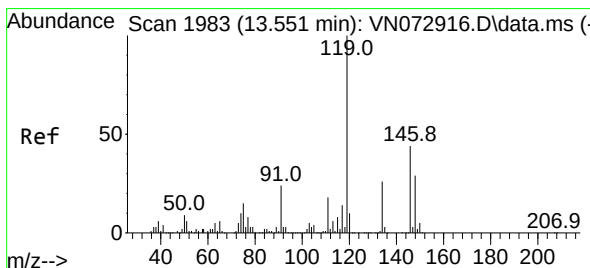
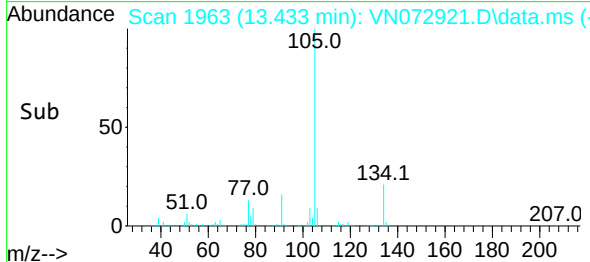
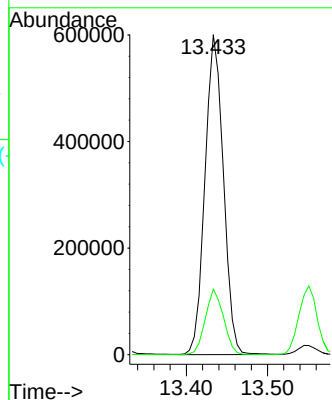
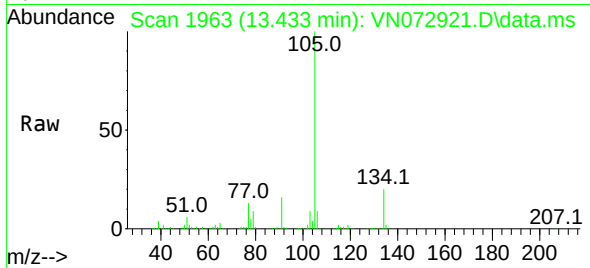
#85
 sec-Butylbenzene
 Concen: 51.425 ug/l
 RT: 13.433 min Scan# 1963
 Delta R.T. -0.006 min
 Lab File: VN072921.D
 Acq: 18 Jun 2022 06:50

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 94548
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1

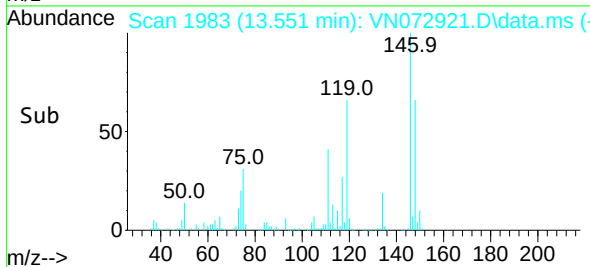
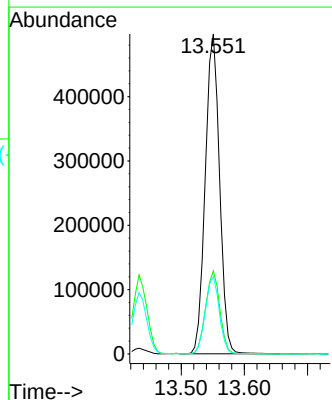
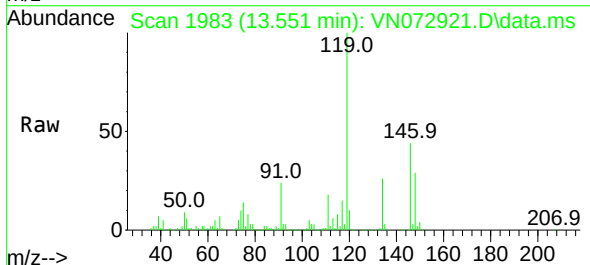
Manual Integrations
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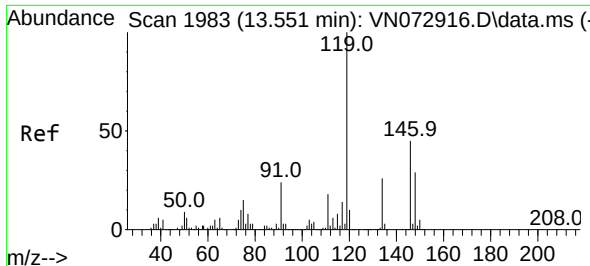
Reviewed By :John Carlone 06/20/2022
 Supervised By :Mahesh Dadoda 06/20/2022



#86
 p-Isopropyltoluene
 Concen: 52.459 ug/l
 RT: 13.551 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN072921.D
 Acq: 18 Jun 2022 06:50

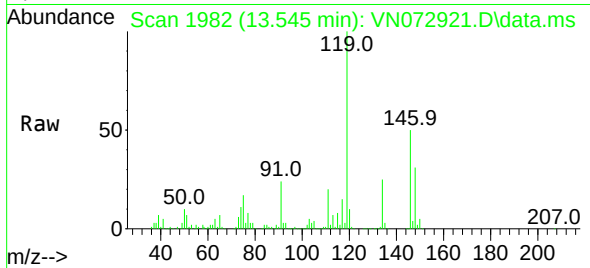
Tgt Ion:119 Resp: 780862
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.3 39.8
 91 23.5 11.3 33.9





#87
1,3-Dichlorobenzene
Concen: 49.085 ug/l
RT: 13.545 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

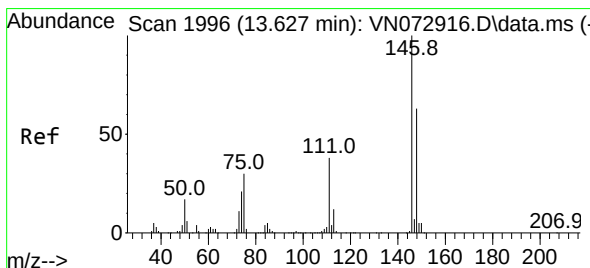
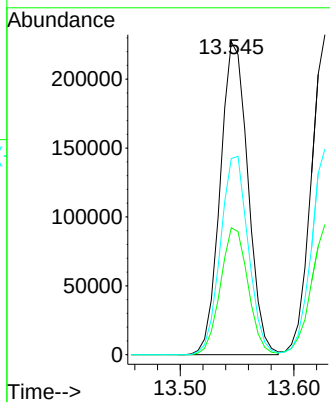
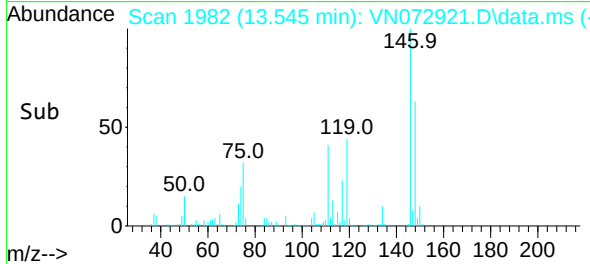
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



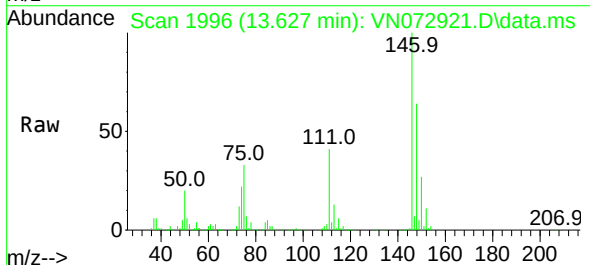
Tgt Ion:146 Resp: 384620
Ion Ratio Lower Upper
146 100
111 40.3 20.0 60.0
148 63.8 32.0 96.0

Manual Integrations
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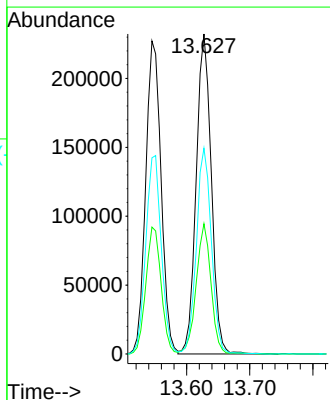
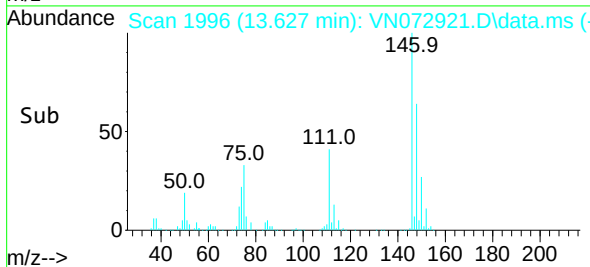
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022

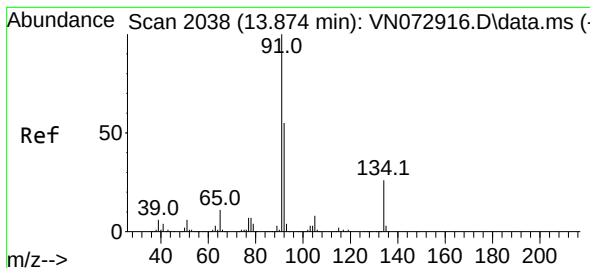


#88
1,4-Dichlorobenzene
Concen: 48.710 ug/l
RT: 13.627 min Scan# 1996
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50



Tgt Ion:146 Resp: 386311
Ion Ratio Lower Upper
146 100
111 39.9 19.1 57.1
148 63.9 31.4 94.3





#89

n-Butylbenzene

Concen: 55.494 ug/l

RT: 13.874 min Scan# 2038

Delta R.T. 0.000 min

Lab File: VN072921.D

Acq: 18 Jun 2022 06:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

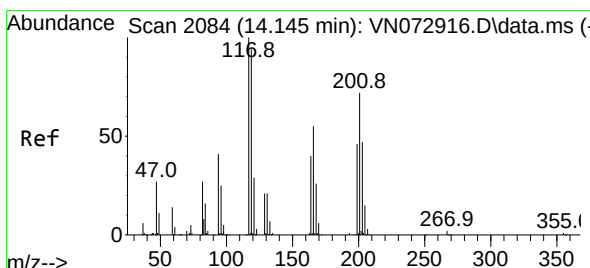
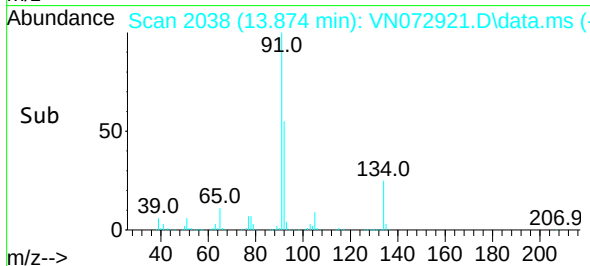
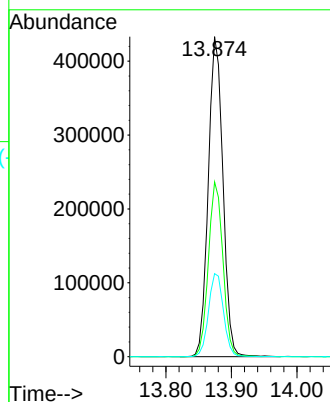
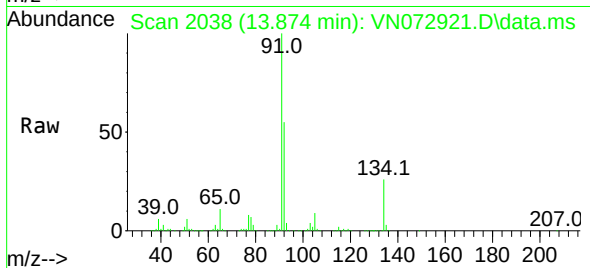
Tgt Ion:	91	Resp:	67450
Ion Ratio	Lower	Upper	
91	100		
92	54.2	26.9	80.7
134	26.5	13.6	40.8

Manual Integrations

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Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/20/2022



#90

Hexachloroethane

Concen: 51.355 ug/l

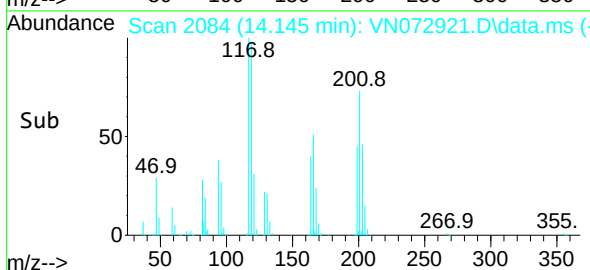
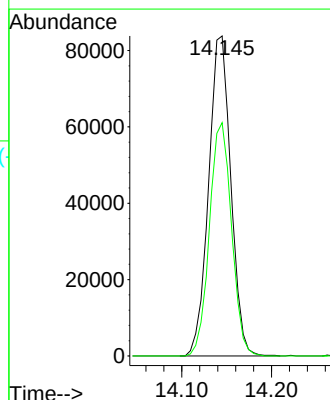
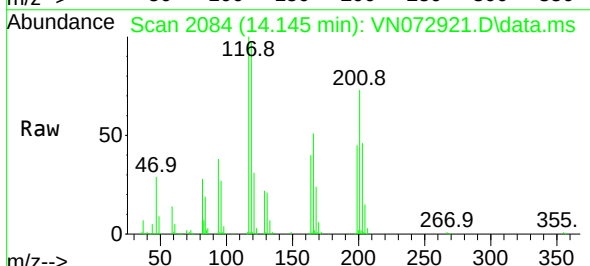
RT: 14.145 min Scan# 2084

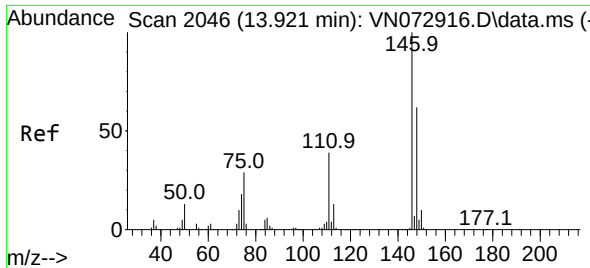
Delta R.T. 0.000 min

Lab File: VN072921.D

Acq: 18 Jun 2022 06:50

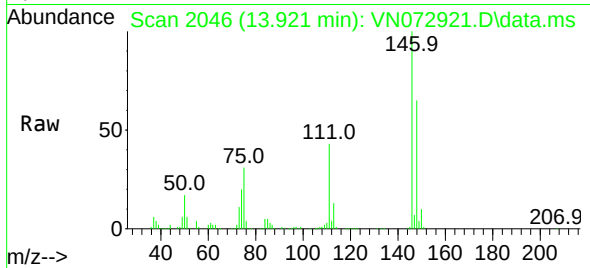
Tgt Ion:	117	Resp:	144113
Ion Ratio	Lower	Upper	
117	100		
201	72.4	40.6	122.0





#91
1,2-Dichlorobenzene
Concen: 47.919 ug/l
RT: 13.921 min Scan# 2046
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

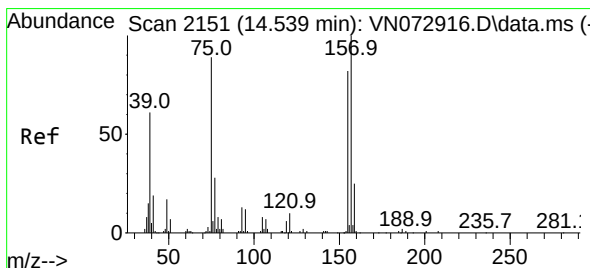
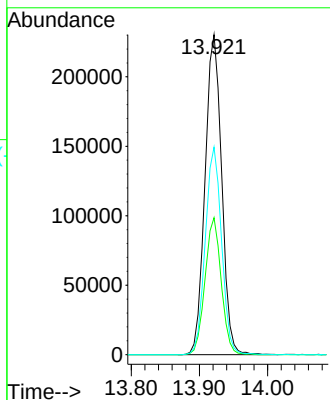
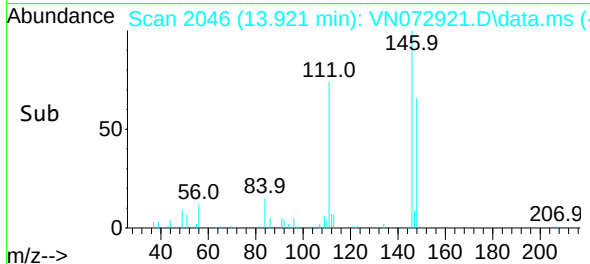
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



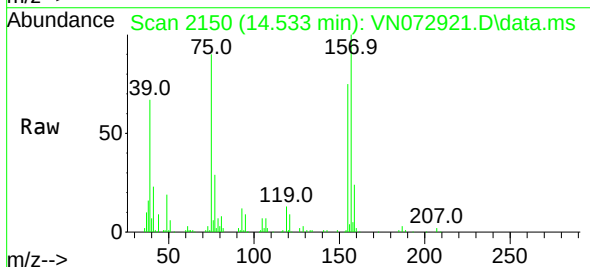
Tgt Ion:146 Resp: 391579
Ion Ratio Lower Upper
146 100
111 41.7 20.9 62.8
148 63.6 32.1 96.3

Manual Integrations
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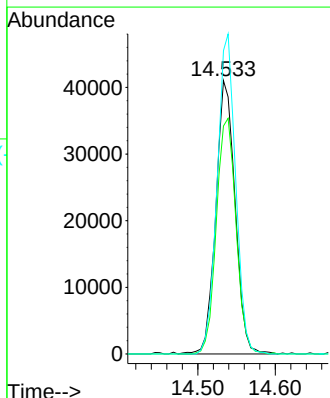
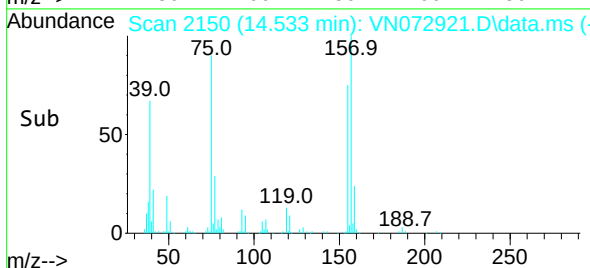
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022

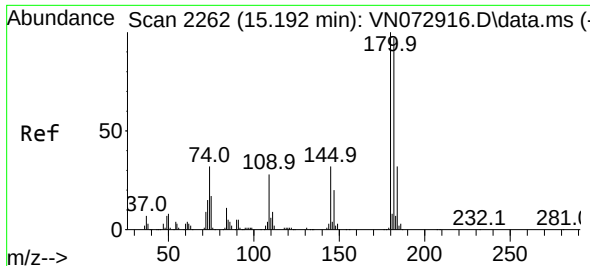


#92
1,2-Dibromo-3-Chloropropane
Concen: 42.603 ug/l
RT: 14.533 min Scan# 2150
Delta R.T. -0.006 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50



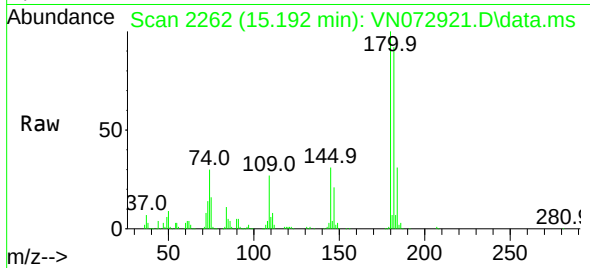
Tgt Ion: 75 Resp: 70906
Ion Ratio Lower Upper
75 100
155 87.8 44.9 134.5
157 112.2 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 50.781 ug/l
RT: 15.192 min Scan# 2262
Delta R.T. 0.000 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50

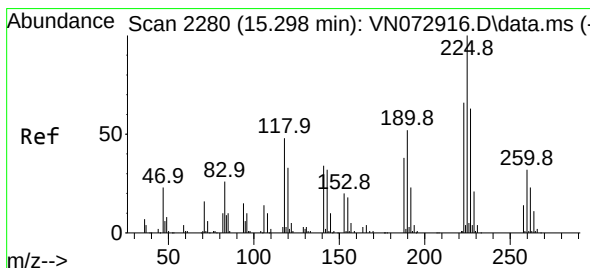
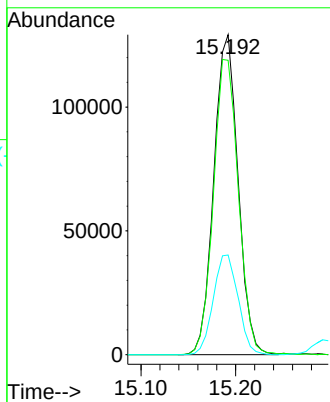
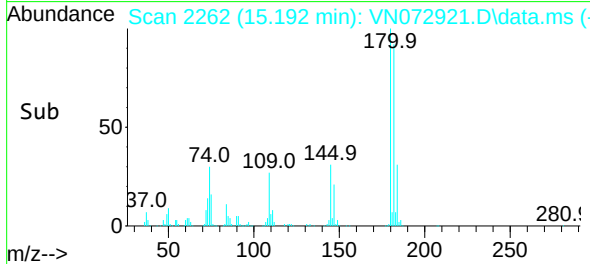
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



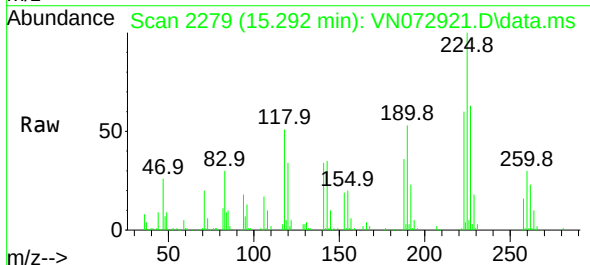
Tgt Ion:180 Resp: 229650
Ion Ratio Lower Upper
180 100
182 95.5 47.5 142.5
145 32.0 14.5 43.5

Manual Integrations
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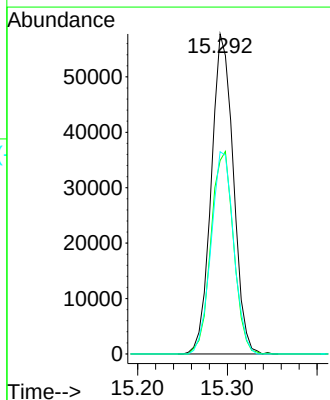
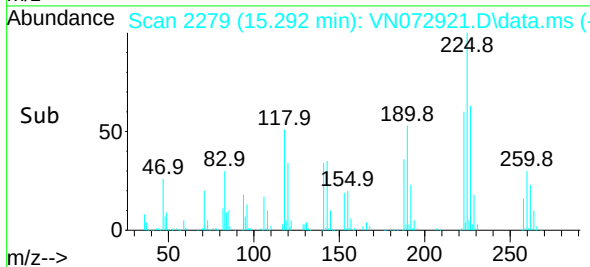
Reviewed By :John Carlone 06/20/2022
Supervised By :Mahesh Dadoda 06/20/2022

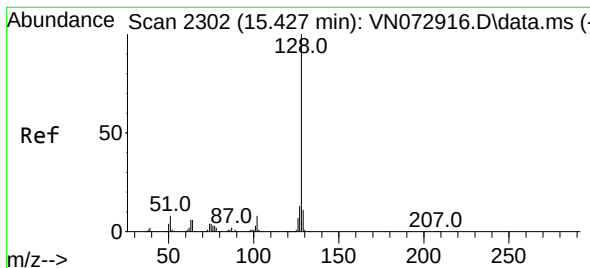


#94
Hexachlorobutadiene
Concen: 50.015 ug/l
RT: 15.292 min Scan# 2279
Delta R.T. -0.006 min
Lab File: VN072921.D
Acq: 18 Jun 2022 06:50



Tgt Ion:225 Resp: 98429
Ion Ratio Lower Upper
225 100
223 64.9 32.4 97.2
227 64.7 31.8 95.4





#95

Naphthalene

Concen: 45.021 ug/l

RT: 15.427 min Scan# 2302

Delta R.T. 0.000 min

Lab File: VN072921.D

Acq: 18 Jun 2022 06:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion:128 Resp: 82363

Ion Ratio Lower Upper

128 100

127 12.8 10.3 15.5

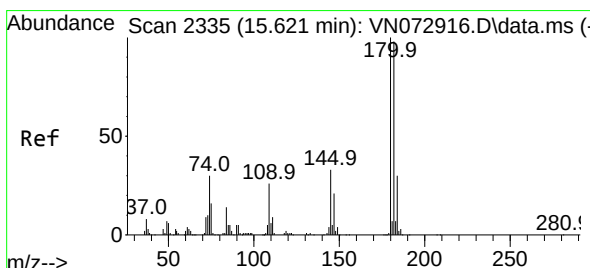
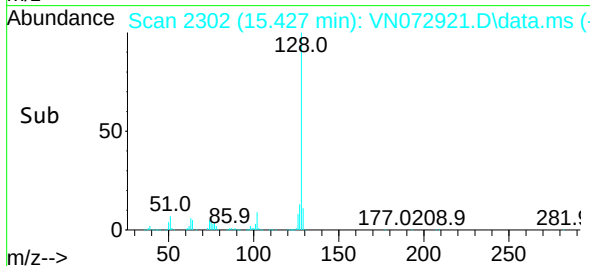
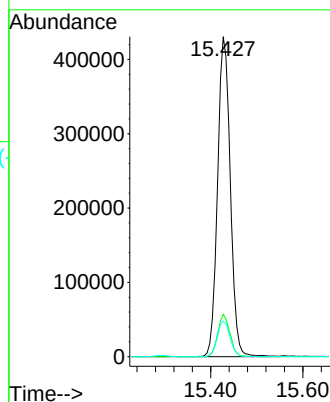
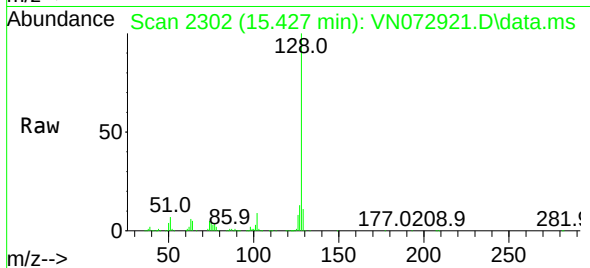
129 11.1 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 06/20/2022

Supervised By :Mahesh Dadoda 06/20/2022



#96

1,2,3-Trichlorobenzene

Concen: 47.762 ug/l

RT: 15.621 min Scan# 2335

Delta R.T. 0.000 min

Lab File: VN072921.D

Acq: 18 Jun 2022 06:50

Tgt Ion:180 Resp: 230652

Ion Ratio Lower Upper

180 100

182 96.6 47.8 143.3

145 32.6 15.5 46.5

