

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042122\
 Data File : VN072118.D
 Acq On : 21 Apr 2022 11:52
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 22 01:21:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/22/2022
 Supervised By : Mahesh Dadoda 04/22/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	493690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	740764	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	676616	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	288419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	269509	47.819	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.640%		
35) Dibromofluoromethane	8.016	113	235445	54.014	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	108.020%		
50) Toluene-d8	10.433	98	923054	51.765	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	103.540%		
62) 4-Bromofluorobenzene	12.727	95	313672	54.391	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	108.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	249607	63.596	ug/l	95
3) Chloromethane	2.299	50	241217	48.501	ug/l	100
4) Vinyl Chloride	2.440	62	253097	46.340	ug/l	95
5) Bromomethane	2.828	94	166150	46.797	ug/l	99
6) Chloroethane	2.999	64	177919	45.282	ug/l	100
7) Trichlorofluoromethane	3.363	101	365682	52.625	ug/l	100
8) Diethyl Ether	3.822	74	159609	54.350	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.210	101	237384	55.435	ug/l	98
10) Methyl Iodide	4.422	142	322610	53.895	ug/l	99
11) Tert butyl alcohol	5.363	59	217606	237.915	ug/l	99
12) 1,1-Dichloroethene	4.181	96	221773	54.424	ug/l	93
13) Acrolein	4.034	56	227767	204.235	ug/l	100
14) Allyl chloride	4.840	41	333896	50.483	ug/l	93
15) Acrylonitrile	5.545	53	693442	260.835	ug/l	99
16) Acetone	4.281	43	517351	214.789	ug/l	92
17) Carbon Disulfide	4.528	76	536592	57.392	ug/l	99
18) Methyl Acetate	4.851	43	310271	52.082	ug/l	98
19) Methyl tert-butyl Ether	5.610	73	783491	51.755	ug/l	99
20) Methylene Chloride	5.093	84	271125	53.405	ug/l	97
21) trans-1,2-Dichloroethene	5.593	96	239039	53.436	ug/l	97
22) Diisopropyl ether	6.492	45	750565	52.128	ug/l	95
23) Vinyl Acetate	6.428	43	3129251	273.296	ug/l	98
24) 1,1-Dichloroethane	6.381	63	453457	53.646	ug/l	98
25) 2-Butanone	7.328	43	865469	249.245	ug/l	98
26) 2,2-Dichloropropane	7.322	77	361149	49.735	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	300911	54.855	ug/l	96
28) Bromochloromethane	7.657	49	171991	50.441	ug/l	95
29) Tetrahydrofuran	7.681	42	572367	254.567	ug/l	96
30) Chloroform	7.810	83	468820	52.527	ug/l	100
31) Cyclohexane	8.092	56	403922	52.699	ug/l	99
32) 1,1,1-Trichloroethane	8.010	97	402352	52.695	ug/l	97
36) 1,1-Dichloropropene	8.216	75	342655	56.292	ug/l	99
37) Ethyl Acetate	7.404	43	345026	51.785	ug/l	96
38) Carbon Tetrachloride	8.198	117	334231	56.025	ug/l	99
39) Methylcyclohexane	9.451	83	441378	60.914	ug/l	96
40) Benzene	8.457	78	1087768	56.569	ug/l	99

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Manual Integrations
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Reviewed By : John Carlone 04/22/2022
 Supervised By : Mahesh Dadoda 04/22/2022

Quant Time: Apr 22 01:21:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	167130	51.231	ug/l	93
42) 1,2-Dichloroethane	8.522	62	345755	51.980	ug/l	96
43) Isopropyl Acetate	8.557	43	555564	50.132	ug/l	97
44) Trichloroethene	9.210	130	280691	56.660	ug/l	99
45) 1,2-Dichloropropane	9.486	63	269382	56.077	ug/l	99
46) Dibromomethane	9.569	93	182729	56.025	ug/l	97
47) Bromodichloromethane	9.757	83	365122	56.870	ug/l	96
48) Methyl methacrylate	9.557	41	254132	55.274	ug/l	91
49) 1,4-Dioxane	9.563	88	114476	1050.213	ug/l	99
51) 4-Methyl-2-Pentanone	10.327	43	1773393	278.333	ug/l	95
52) Toluene	10.498	92	714755	58.803	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	382381	56.827	ug/l	100
54) cis-1,3-Dichloropropene	10.186	75	436402	58.697	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	277080	55.387	ug/l	99
56) Ethyl methacrylate	10.757	69	436962	61.229	ug/l	91
57) 1,3-Dichloropropane	11.039	76	456602	54.590	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	599988	271.518	ug/l	100
59) 2-Hexanone	11.080	43	1217821	271.480	ug/l	95
60) Dibromochloromethane	11.233	129	285993	58.631	ug/l	100
61) 1,2-Dibromoethane	11.339	107	280625	56.988	ug/l	99
64) Tetrachloroethene	10.975	164	246471	55.164	ug/l	97
65) Chlorobenzene	11.763	112	756270	55.820	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	275109	56.273	ug/l	99
67) Ethyl Benzene	11.839	91	1331743	58.065	ug/l	98
68) m/p-Xylenes	11.945	106	1048279	118.956	ug/l	99
69) o-Xylene	12.274	106	518655	59.296	ug/l	97
70) Styrene	12.286	104	827947	62.474	ug/l	99
71) Bromoform	12.451	173	227110	61.002	ug/l #	99
73) Isopropylbenzene	12.574	105	1320319	54.325	ug/l	99
74) N-amyl acetate	12.380	43	371638	53.368	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.821	83	407587	50.262	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	291646m	43.650	ug/l	
77) Bromobenzene	12.857	156	319357	52.416	ug/l	96
78) n-propylbenzene	12.916	91	1424968	55.737	ug/l	100
79) 2-Chlorotoluene	13.004	91	876443	53.455	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	1072267	55.683	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	117512	54.504	ug/l	96
82) 4-Chlorotoluene	13.098	91	830835	54.669	ug/l	100
83) tert-Butylbenzene	13.316	119	964659	54.802	ug/l	98
84) 1,2,4-Trimethylbenzene	13.363	105	1048741	55.818	ug/l	100
85) sec-Butylbenzene	13.498	105	1270129	55.662	ug/l	99
86) p-Isopropyltoluene	13.610	119	1066091	58.595	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	526885	54.282	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	512697	54.141	ug/l	98
89) n-Butylbenzene	13.939	91	787144	58.331	ug/l	100
90) Hexachloroethane	14.204	117	190478	57.191	ug/l	95
91) 1,2-Dichlorobenzene	13.980	146	518800	54.444	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	66317	52.723	ug/l	93
93) 1,2,4-Trichlorobenzene	15.257	180	240660	52.328	ug/l	99
94) Hexachlorobutadiene	15.362	225	147094	52.338	ug/l	99
95) Naphthalene	15.498	128	680644	51.685	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	239070	53.584	ug/l	99

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

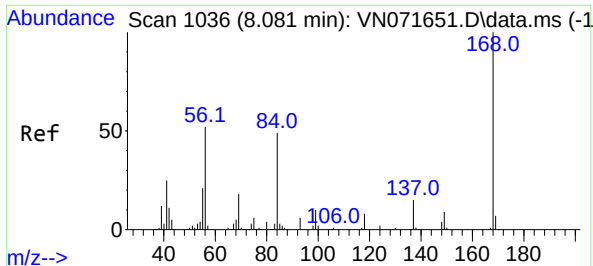
Manual Integrations
APPROVED

Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

Quant Time: Apr 22 01:21:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 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



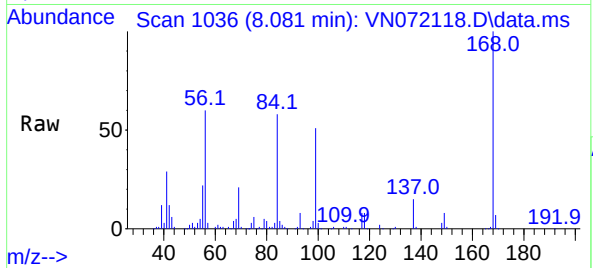
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

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VSTDCCC050

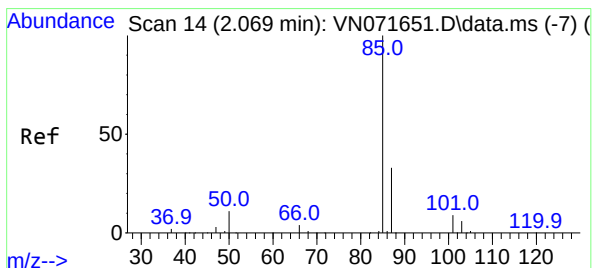
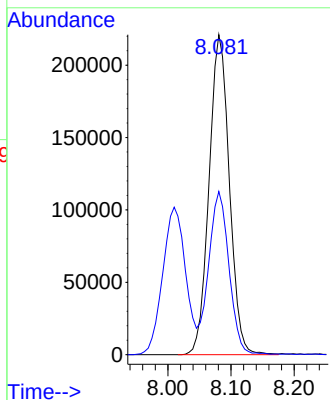
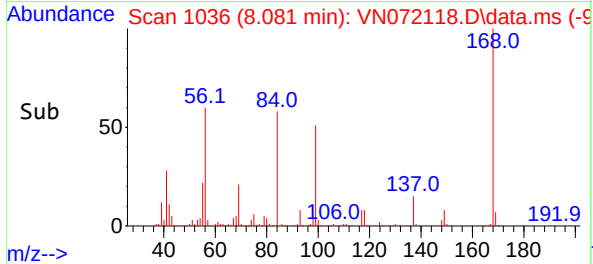


Tgt Ion:168 Resp: 493690
Ion Ratio Lower Upper
168 100
99 50.8 42.3 63.5

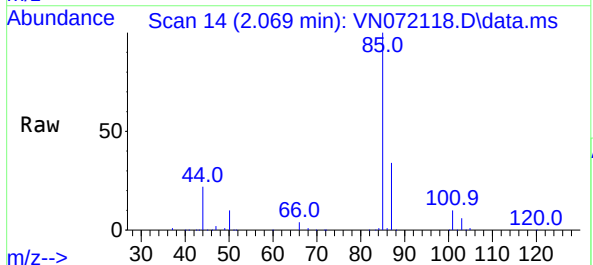
Manual Integrations

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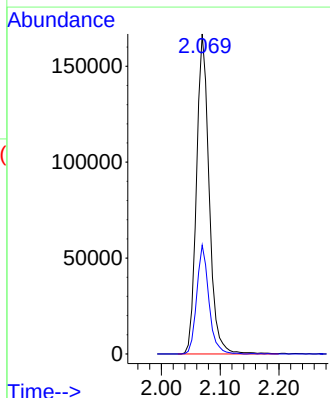
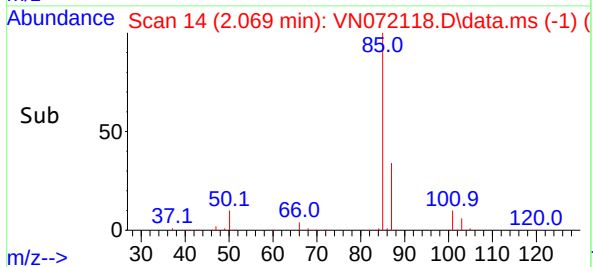
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

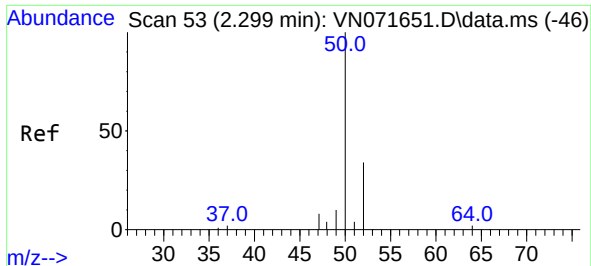


#2
Dichlorodifluoromethane
Concen: 63.596 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52



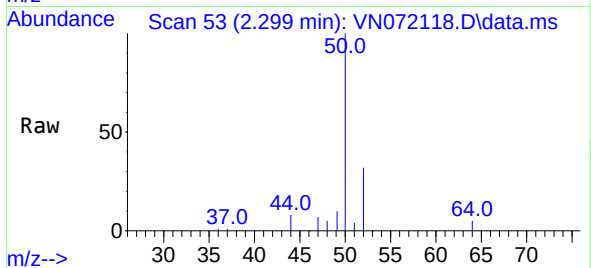
Tgt Ion: 85 Resp: 249607
Ion Ratio Lower Upper
85 100
87 34.0 15.7 47.1





#3
Chloromethane
Concen: 48.501 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

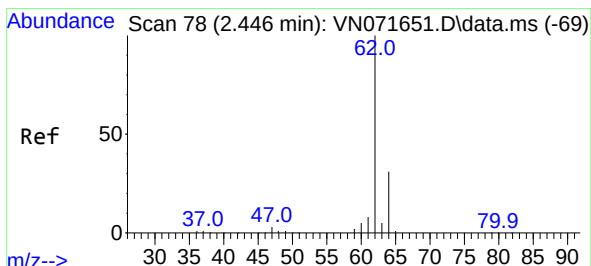
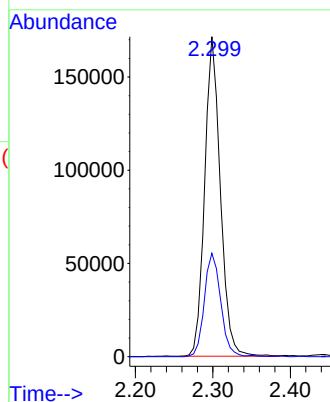
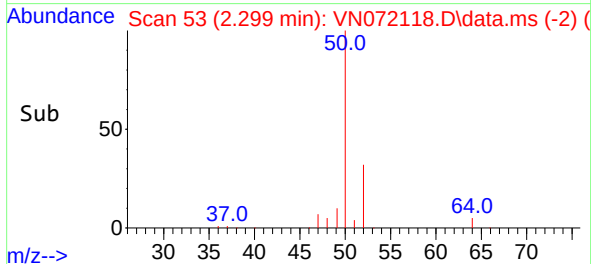
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 50 Resp: 24121
Ion Ratio Lower Upper
50 100
52 32.3 25.7 38.5

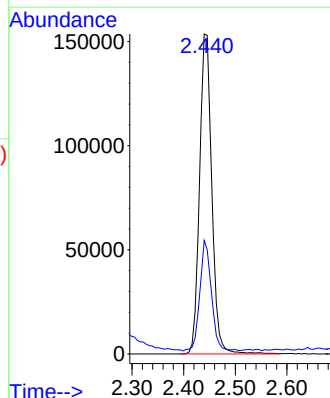
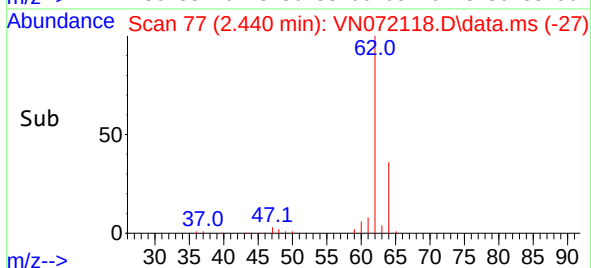
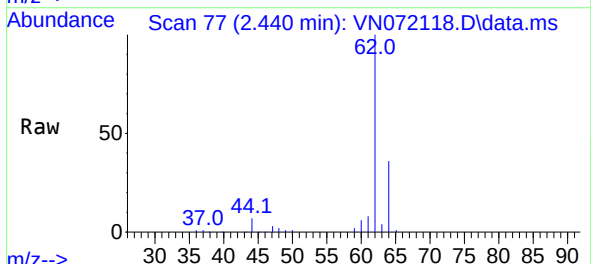
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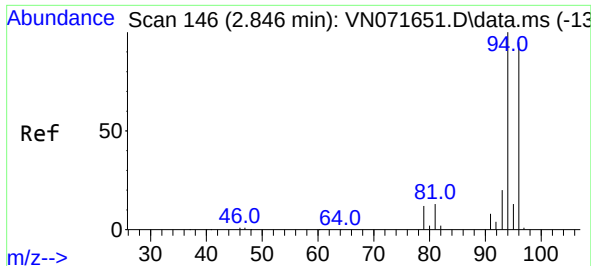
Reviewed By :John Carlone 04/22/2022
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#4
Vinyl Chloride
Concen: 46.340 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.006 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

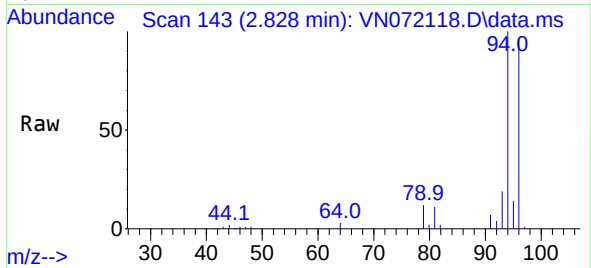
Tgt Ion: 62 Resp: 253097
Ion Ratio Lower Upper
62 100
64 34.2 25.0 37.4





#5
Bromomethane
Concen: 46.797 ug/l
RT: 2.828 min Scan# 14
Delta R.T. -0.018 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

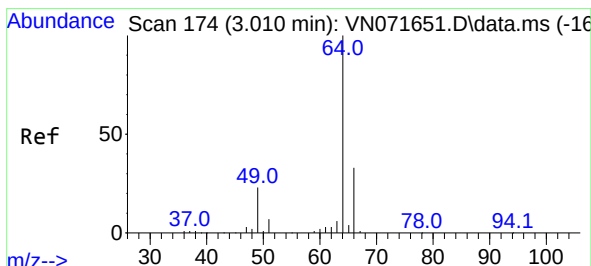
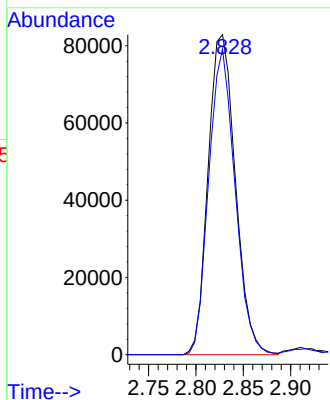
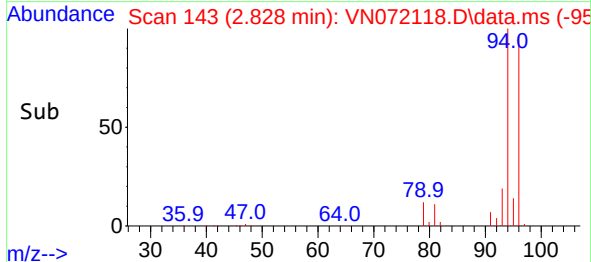
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



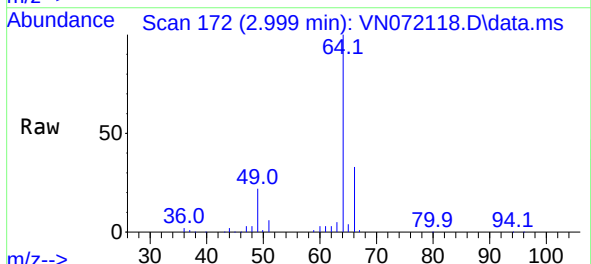
Tgt Ion: 94 Resp: 166150
Ion Ratio Lower Upper
94 100
96 95.5 76.0 114.0

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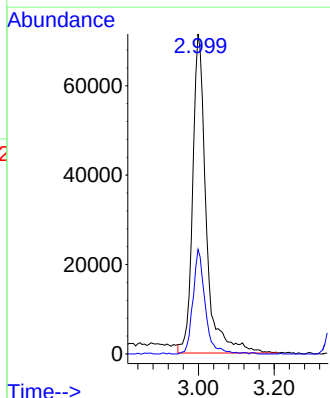
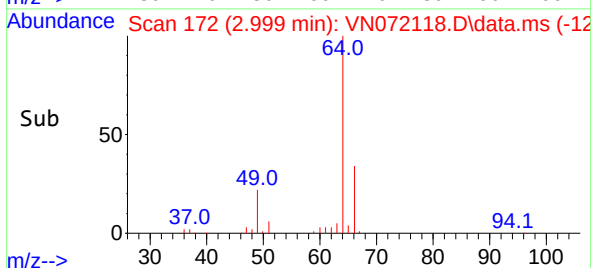
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



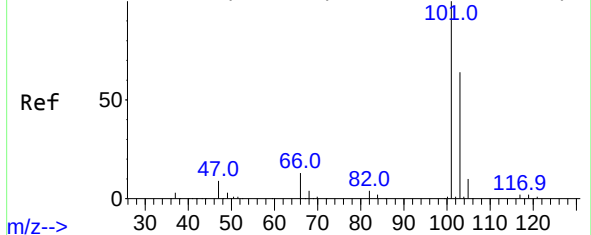
#6
Chloroethane
Concen: 45.282 ug/l
RT: 2.999 min Scan# 172
Delta R.T. -0.011 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52



Tgt Ion: 64 Resp: 177919
Ion Ratio Lower Upper
64 100
66 32.8 26.2 39.4



Abundance Scan 236 (3.375 min): VN071651.D\data.ms (-22



#7

Trichlorofluoromethane

Concen: 52.625 ug/l

RT: 3.363 min Scan# 21

Delta R.T. -0.012 min

Lab File: VN072118.D

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Instrument :

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ClientSampleId :

VSTDCCC050

Tgt Ion:101 Resp: 36568

Ion Ratio Lower Upper

101 100

103 64.0 51.5 77.3

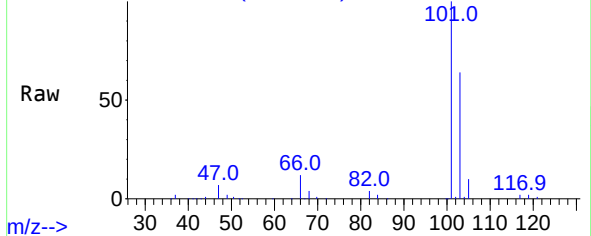
Manual Integrations

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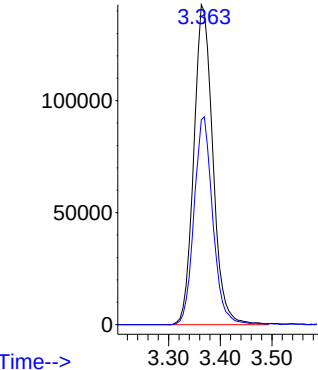
Reviewed By :John Carlone 04/22/2022

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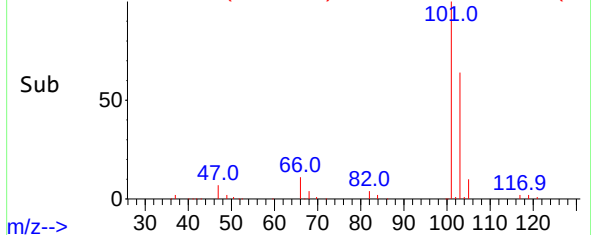
Abundance Scan 234 (3.363 min): VN072118.D\data.ms



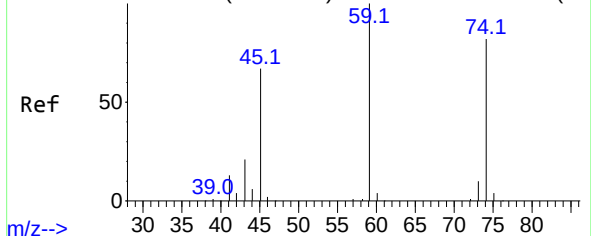
Abundance



Abundance Scan 234 (3.363 min): VN072118.D\data.ms (-18



Abundance Scan 313 (3.828 min): VN071651.D\data.ms (-30



#8

Diethyl Ether

Concen: 54.350 ug/l

RT: 3.822 min Scan# 312

Delta R.T. -0.006 min

Lab File: VN072118.D

Acq: 21 Apr 2022 11:52

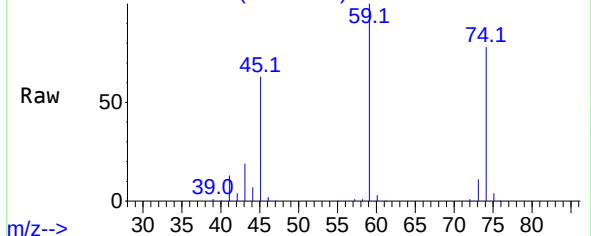
Tgt Ion: 74 Resp: 159609

Ion Ratio Lower Upper

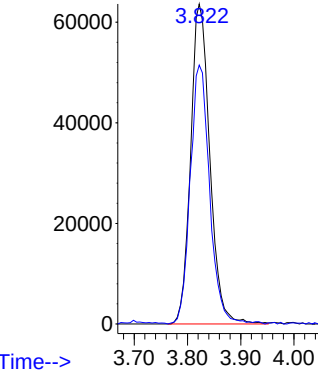
74 100

45 81.6 42.9 128.5

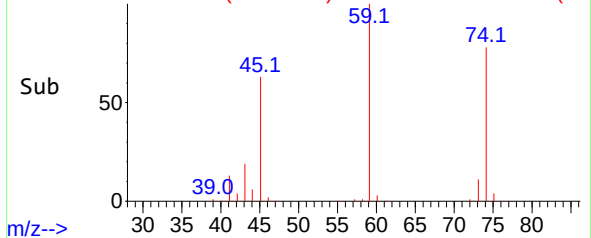
Abundance Scan 312 (3.822 min): VN072118.D\data.ms

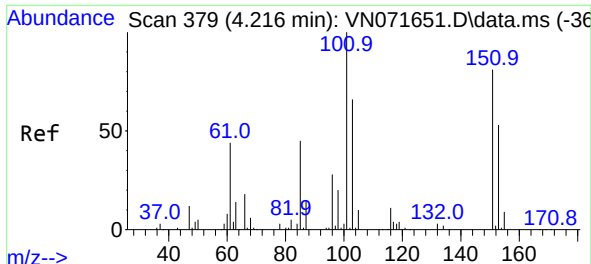


Abundance



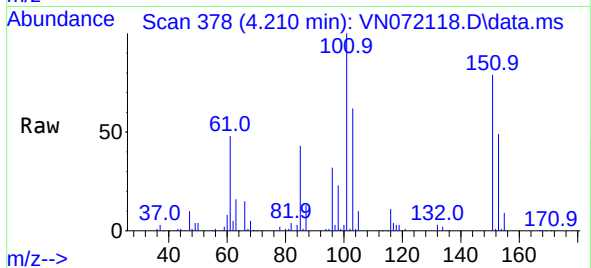
Abundance Scan 312 (3.822 min): VN072118.D\data.ms (-26





#9
1,1,2-Trichlorotrifluoroethane
Concen: 55.435 ug/l
RT: 4.210 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

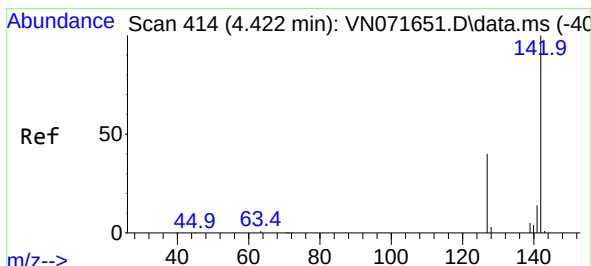
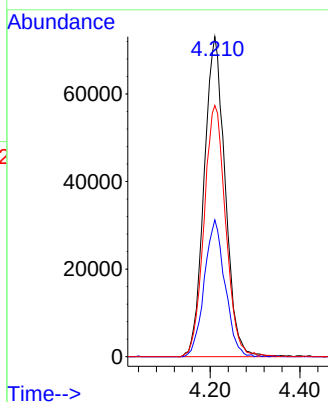
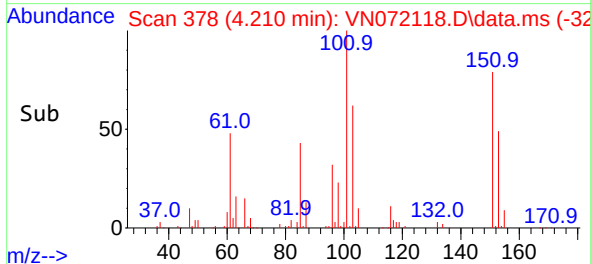
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:101 Resp: 237384
Ion Ratio Lower Upper
101 100
85 42.0 34.7 52.1
151 81.0 63.0 94.4

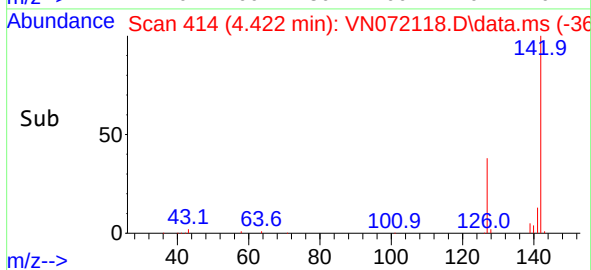
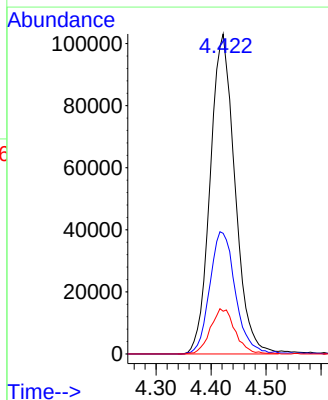
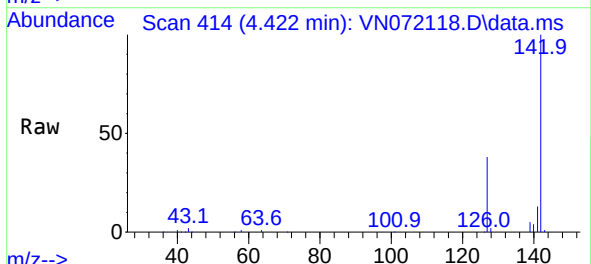
Manual Integrations
APPROVED

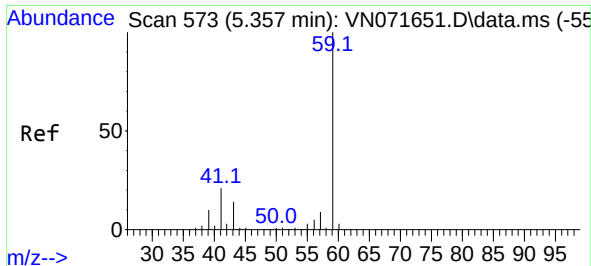
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#10
Methyl Iodide
Concen: 53.895 ug/l
RT: 4.422 min Scan# 414
Delta R.T. -0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

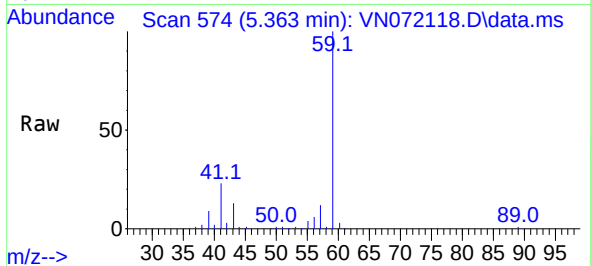
Tgt Ion:142 Resp: 322610
Ion Ratio Lower Upper
142 100
127 39.7 31.3 46.9
141 14.1 11.2 16.8





#11
Tert butyl alcohol
Concen: 237.915 ug/l
RT: 5.363 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

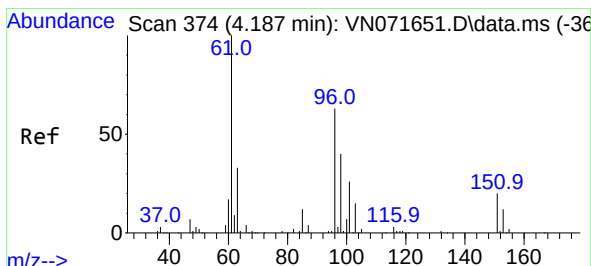
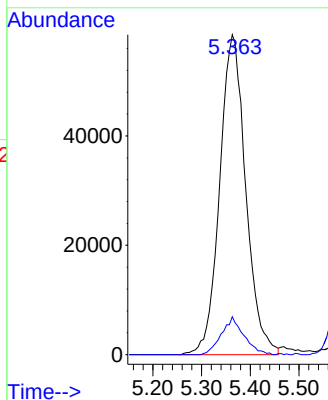
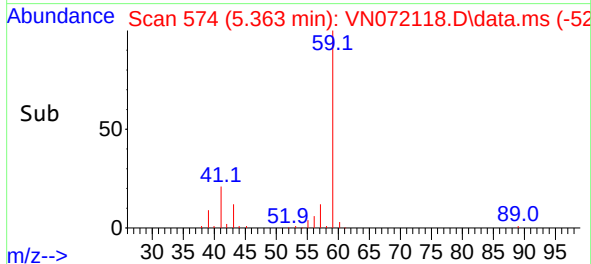
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



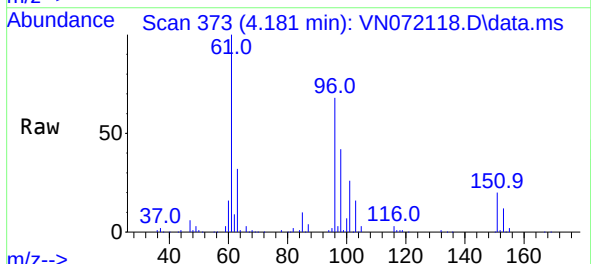
Tgt Ion: 59 Resp: 217600
Ion Ratio Lower Upper
59 100
57 10.2 8.3 12.5

Manual Integrations
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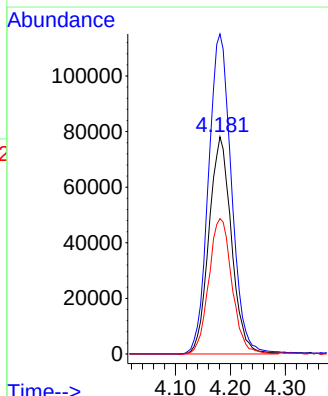
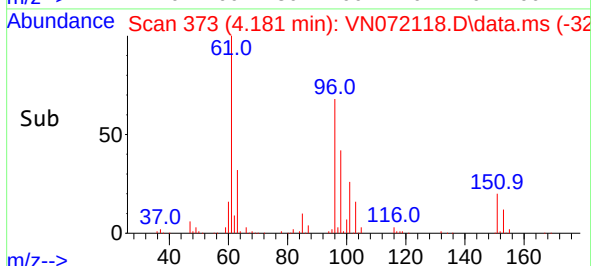
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

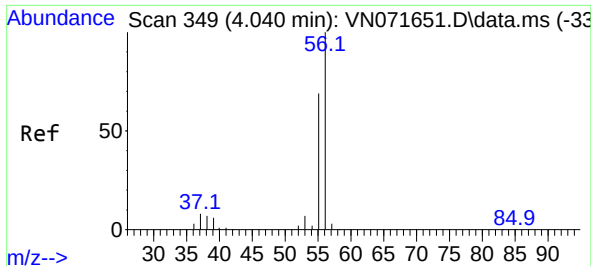


#12
1,1-Dichloroethene
Concen: 54.424 ug/l
RT: 4.181 min Scan# 373
Delta R.T. -0.006 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52



Tgt Ion: 96 Resp: 221773
Ion Ratio Lower Upper
96 100
61 147.3 127.6 191.4
98 62.3 51.2 76.8





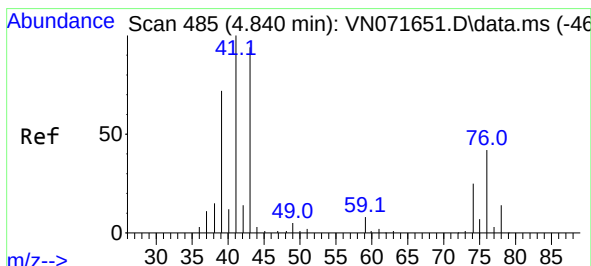
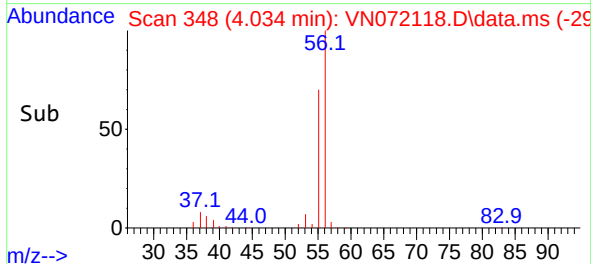
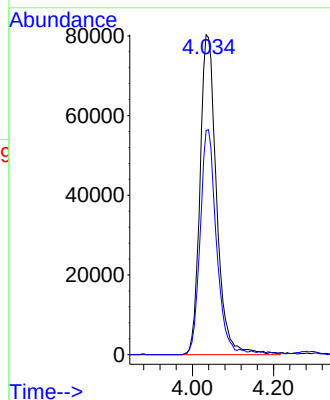
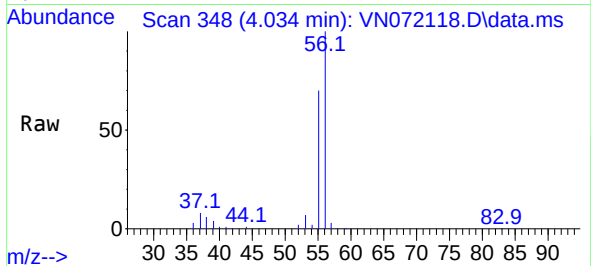
#13
Acrolein
Concen: 204.235 ug/l
RT: 4.034 min Scan# 349
Delta R.T. -0.006 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 22776
Ion Ratio Lower Upper
56 100
55 68.4 54.8 82.2

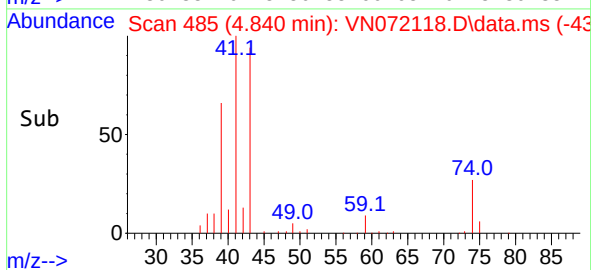
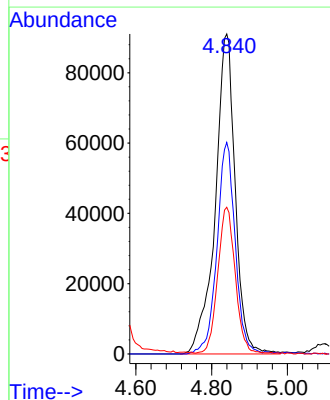
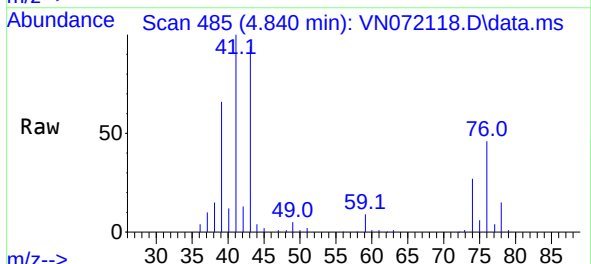
Manual Integrations
APPROVED

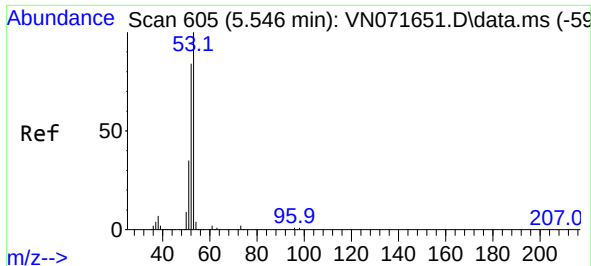
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#14
Allyl chloride
Concen: 50.483 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

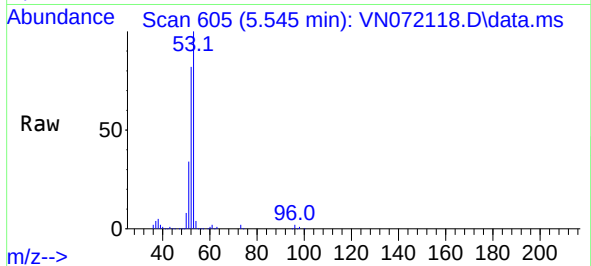
Tgt Ion: 41 Resp: 333896
Ion Ratio Lower Upper
41 100
39 60.1 53.2 79.8
76 39.8 29.9 44.9





#15
Acrylonitrile
Concen: 260.835 ug/l
RT: 5.545 min Scan# 605
Delta R.T. -0.001 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

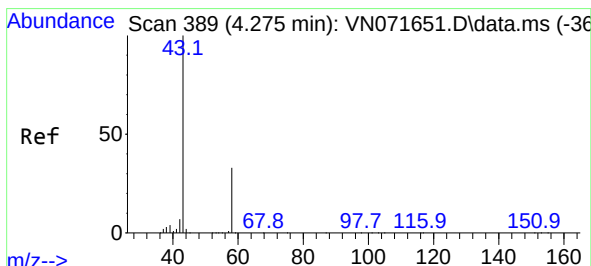
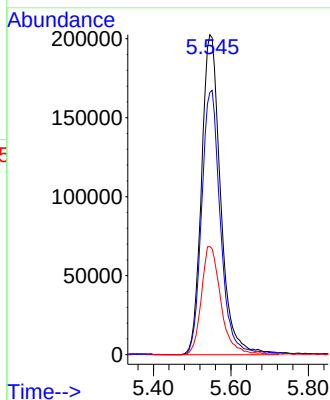
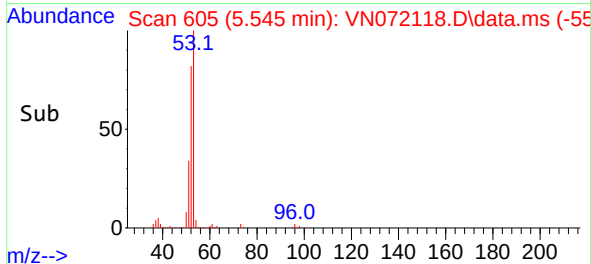
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



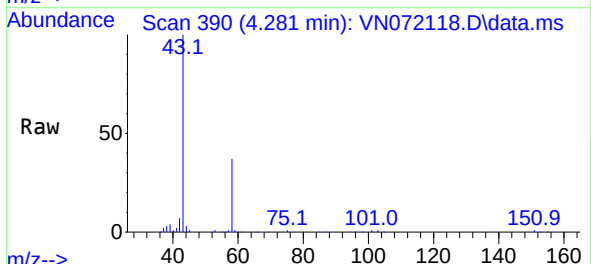
Tgt Ion: 53 Resp: 69344
Ion Ratio Lower Upper
53 100
52 81.8 66.4 99.6
51 34.6 28.5 42.7

Manual Integrations
APPROVED

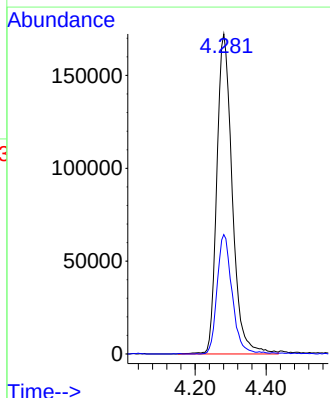
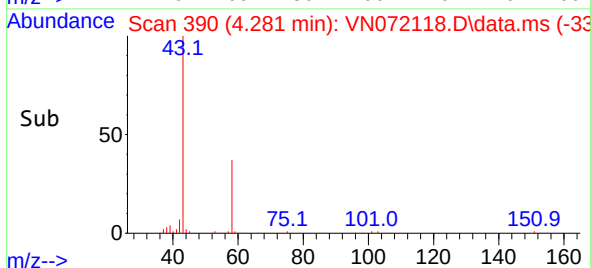
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

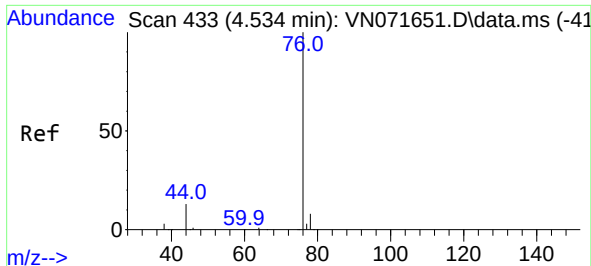


#16
Acetone
Concen: 214.789 ug/l
RT: 4.281 min Scan# 390
Delta R.T. 0.006 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52



Tgt Ion: 43 Resp: 517351
Ion Ratio Lower Upper
43 100
58 37.2 26.0 39.0





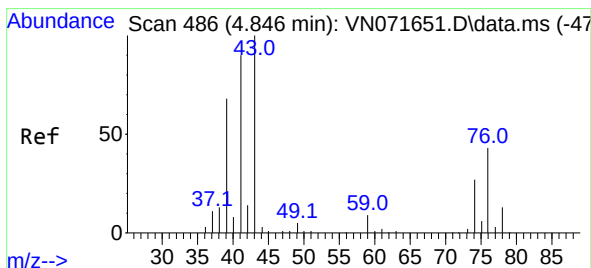
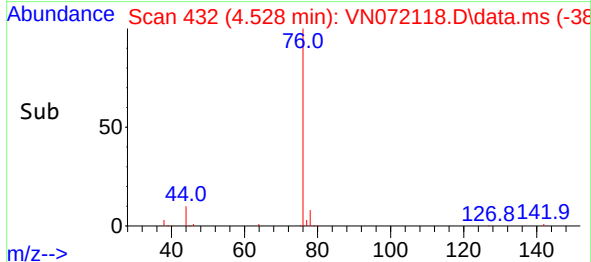
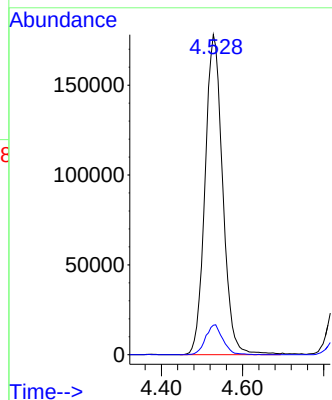
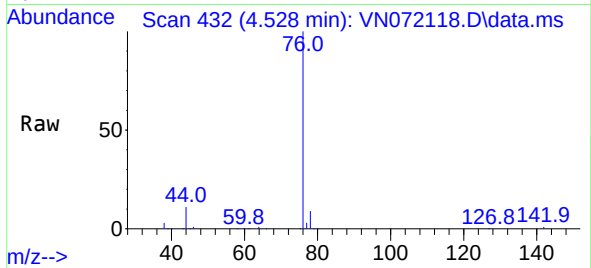
#17
Carbon Disulfide
Concen: 57.392 ug/l
RT: 4.528 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 536592
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

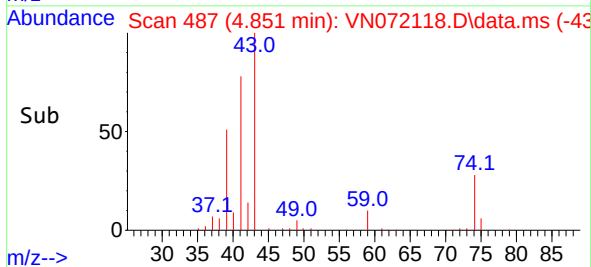
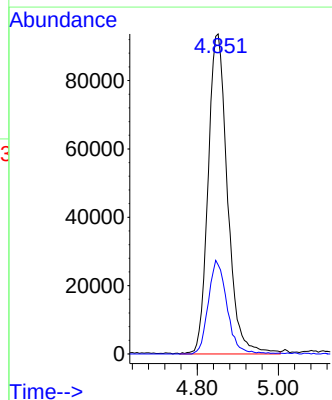
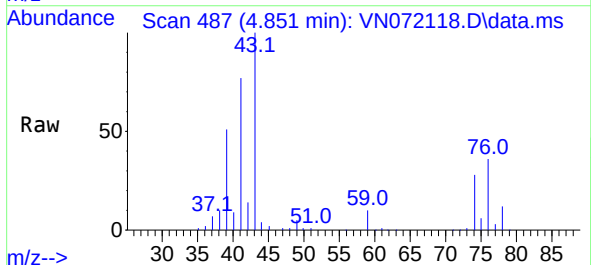
Manual Integrations
APPROVED

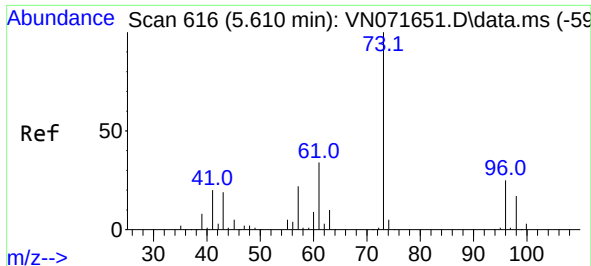
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#18
Methyl Acetate
Concen: 52.082 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.005 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

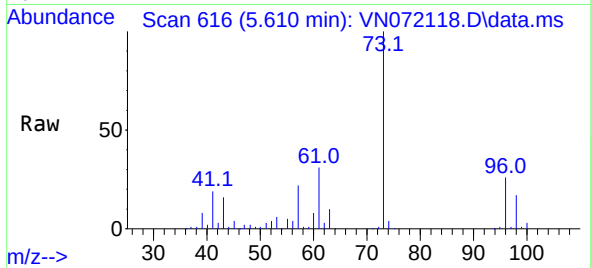
Tgt Ion: 43 Resp: 310271
Ion Ratio Lower Upper
43 100
74 27.9 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 51.755 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

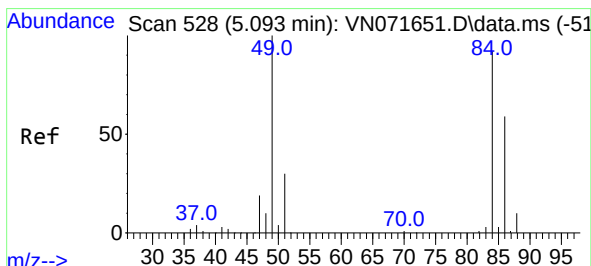
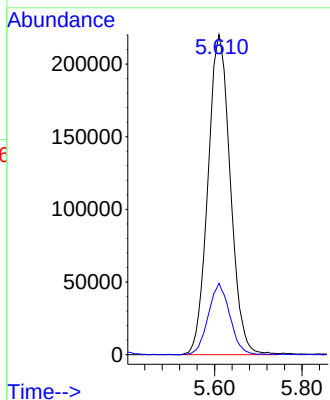
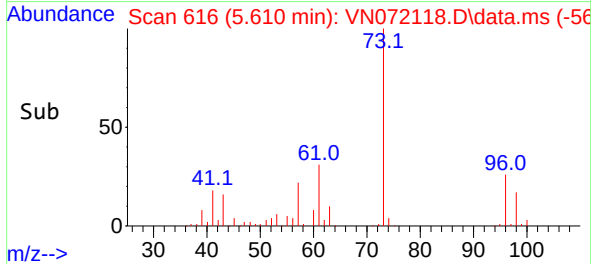
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



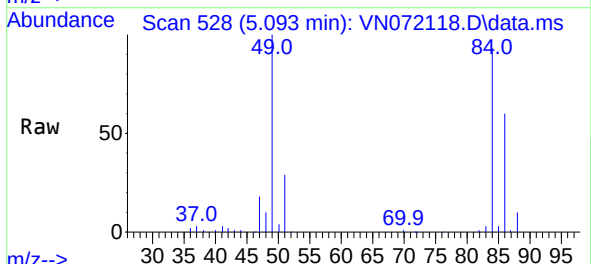
Tgt Ion: 73 Resp: 78349
Ion Ratio Lower Upper
73 100
57 22.3 17.6 26.4

Manual Integrations
APPROVED

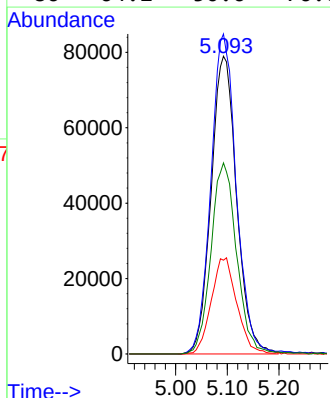
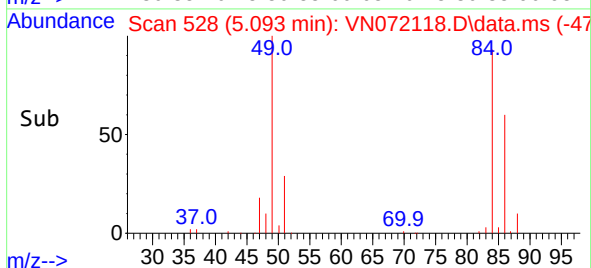
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

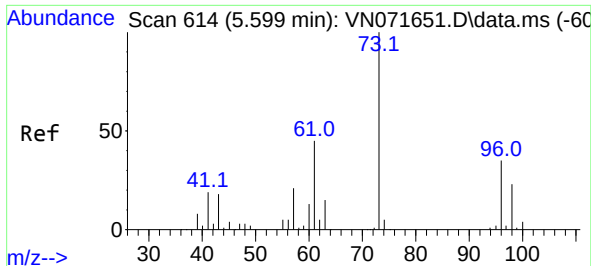


#20
Methylene Chloride
Concen: 53.405 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52



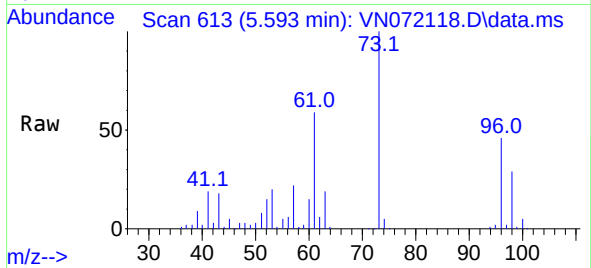
Tgt Ion: 84 Resp: 271125
Ion Ratio Lower Upper
84 100
49 107.5 88.3 132.5
51 31.5 28.2 42.2
86 64.2 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 53.436 ug/l
RT: 5.593 min Scan# 614
Delta R.T. -0.006 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

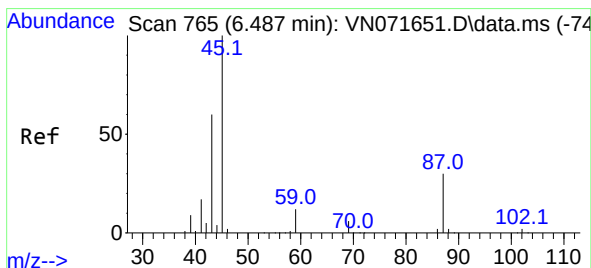
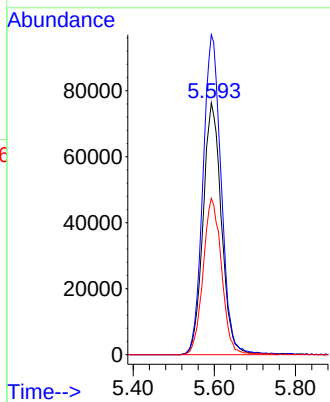
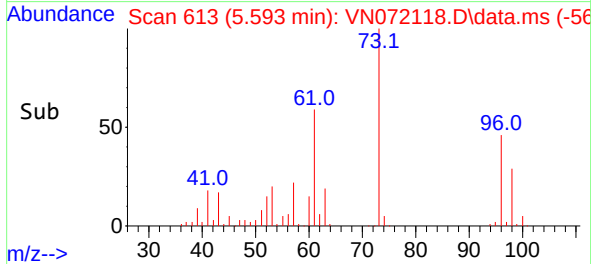
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



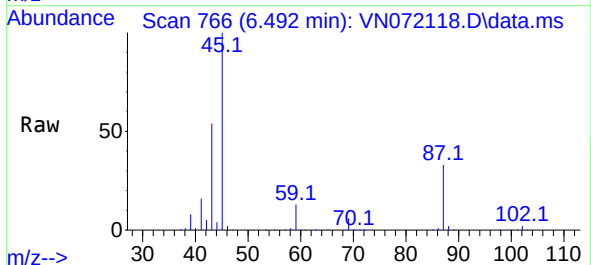
Tgt Ion: 96 Resp: 239039
Ion Ratio Lower Upper
96 100
61 127.1 105.8 158.8
98 62.1 50.3 75.5

Manual Integrations
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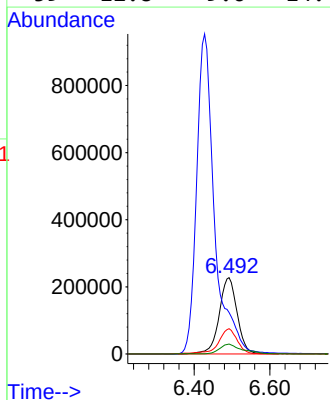
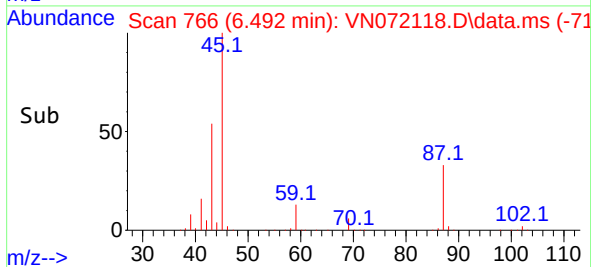
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

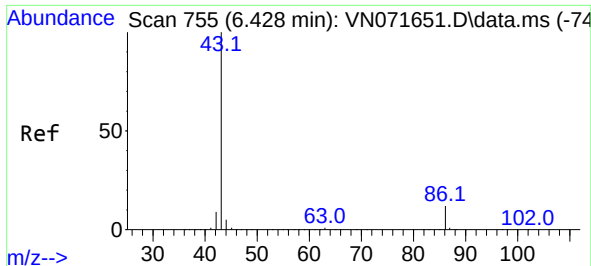


#22
Diisopropyl ether
Concen: 52.128 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.005 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52



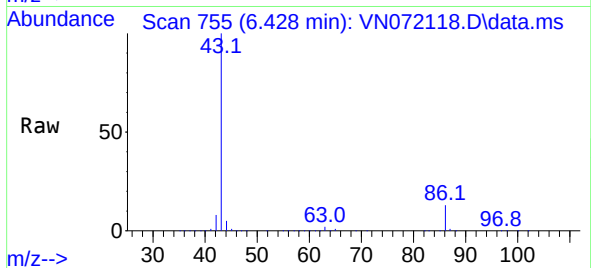
Tgt Ion: 45 Resp: 750565
Ion Ratio Lower Upper
45 100
43 54.1 46.6 70.0
87 33.1 24.3 36.5
59 12.8 9.6 14.4





#23
 Vinyl Acetate
 Concen: 273.296 ug/l
 RT: 6.428 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VN072118.D
 Acq: 21 Apr 2022 11:52

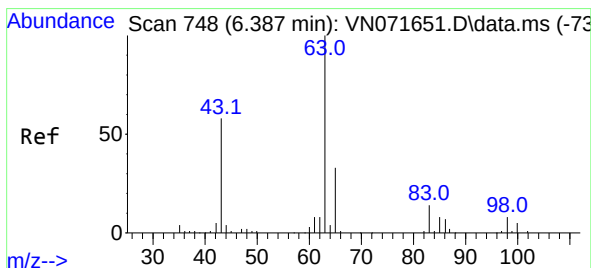
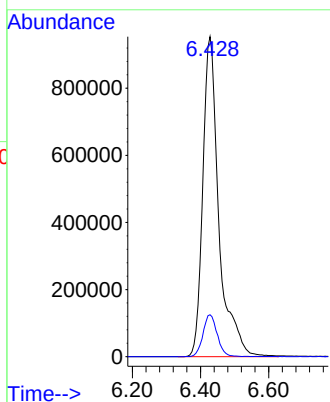
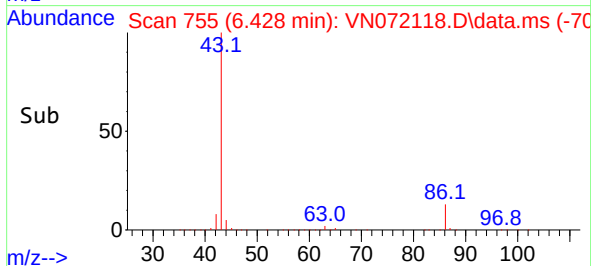
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



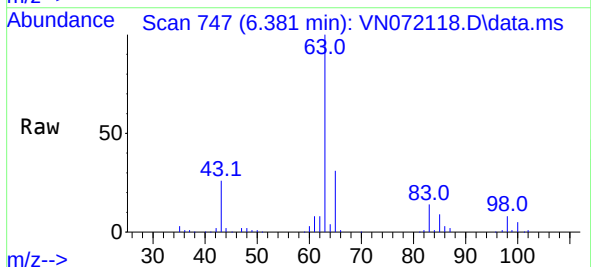
Tgt Ion: 43 Resp: 312925
 Ion Ratio Lower Upper
 43 100
 86 13.1 10.0 15.0

Manual Integrations
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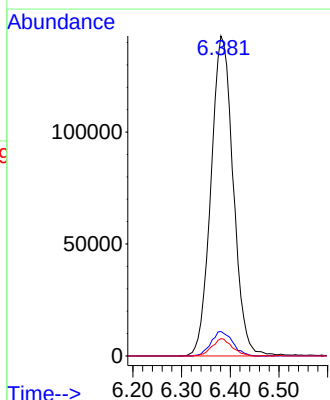
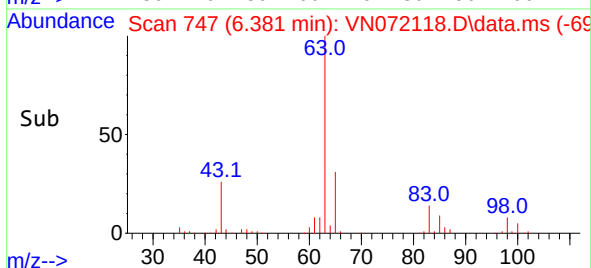
Reviewed By :John Carlone 04/22/2022
 Supervised By :Mahesh Dadoda 04/22/2022

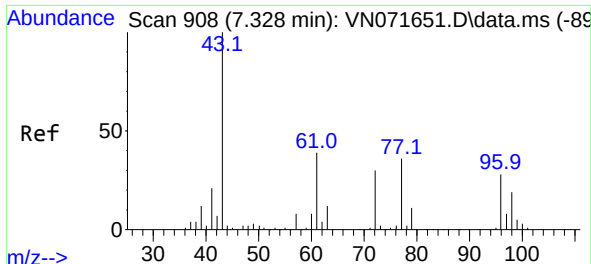


#24
 1,1-Dichloroethane
 Concen: 53.646 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN072118.D
 Acq: 21 Apr 2022 11:52



Tgt Ion: 63 Resp: 453457
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.5 10.4
 100 5.4 2.3 6.8





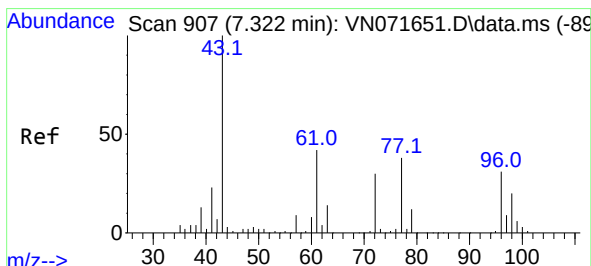
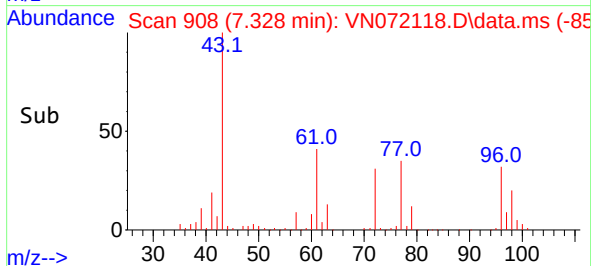
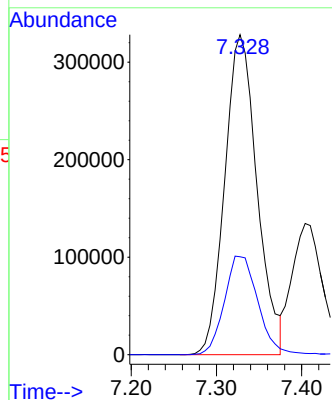
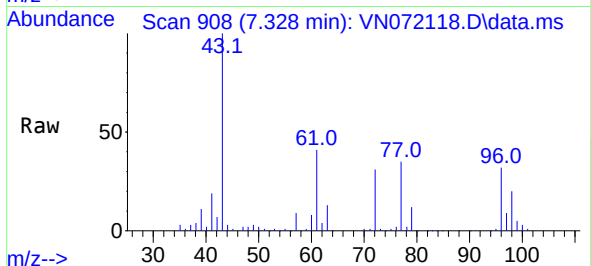
#25
2-Butanone
Concen: 249.245 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 865469
Ion Ratio Lower Upper
43 100
72 30.6 23.7 35.5

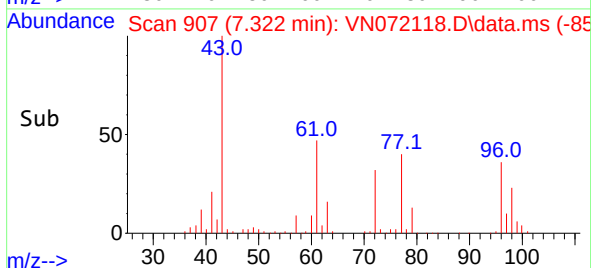
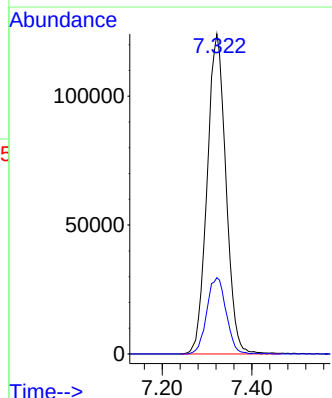
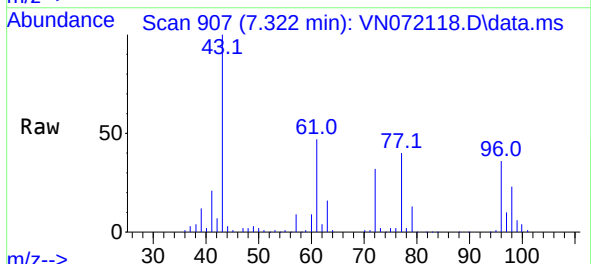
Manual Integrations
APPROVED

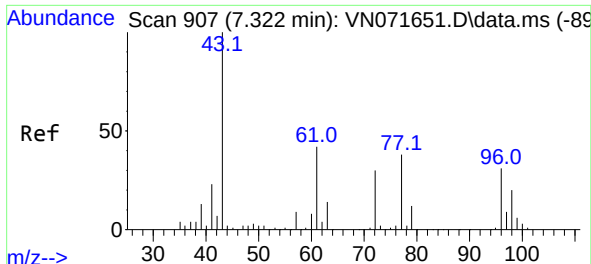
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#26
2,2-Dichloropropane
Concen: 49.735 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

Tgt Ion: 77 Resp: 361149
Ion Ratio Lower Upper
77 100
97 24.5 11.4 34.2





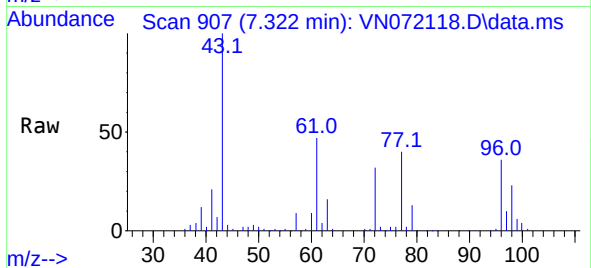
#27
cis-1,2-Dichloroethene
Concen: 54.855 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



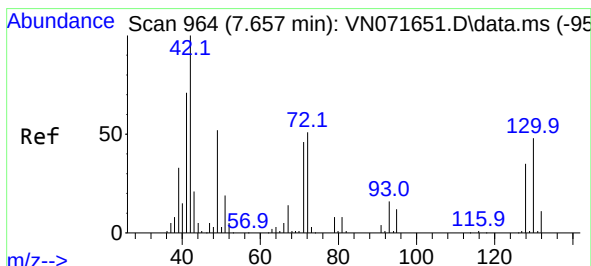
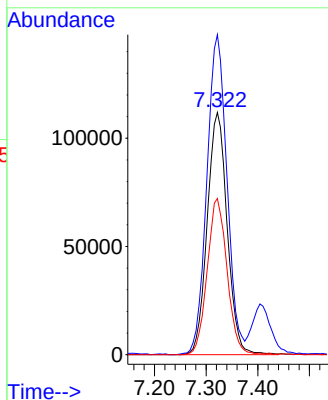
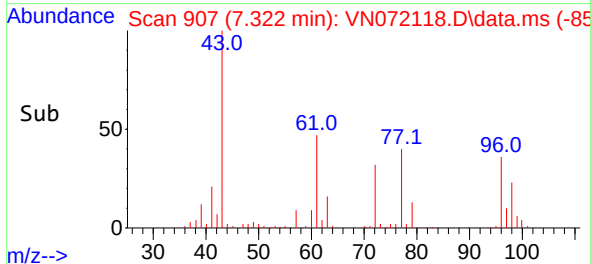
Tgt Ion: 96 Resp: 30091
Ion Ratio Lower Upper
96 100
61 132.9 0.0 280.6
98 64.0 0.0 128.4

Manual Integrations

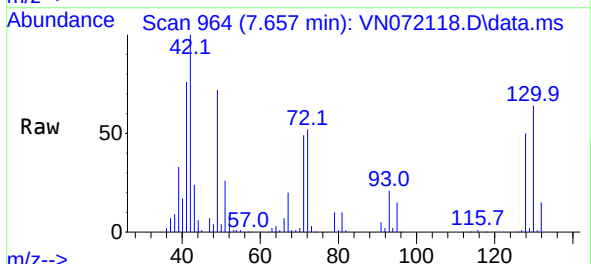
APPROVED

Reviewed By :John Carlone 04/22/2022

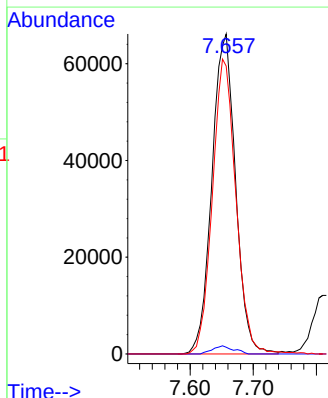
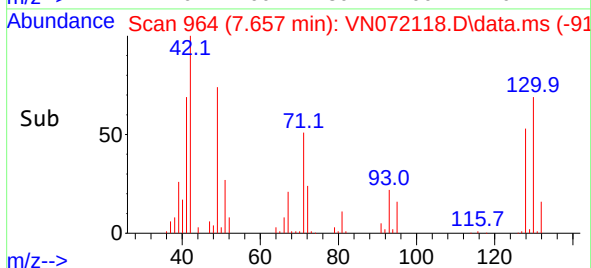
Supervised By :Mahesh Dadoda 04/22/2022

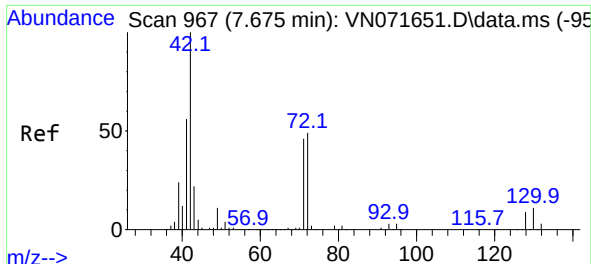


#28
Bromochloromethane
Concen: 50.441 ug/l
RT: 7.657 min Scan# 964
Delta R.T. 0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52



Tgt Ion: 49 Resp: 171991
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.6
130 91.7 69.7 104.5





#29

Tetrahydrofuran

Concen: 254.567 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.006 min

Lab File: VN072118.D

Acq: 21 Apr 2022 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 57236

Ion Ratio Lower Upper

42 100

72 52.2 39.7 59.5

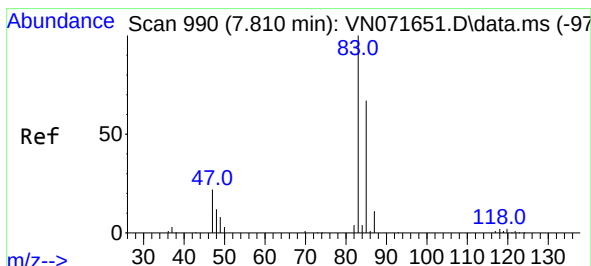
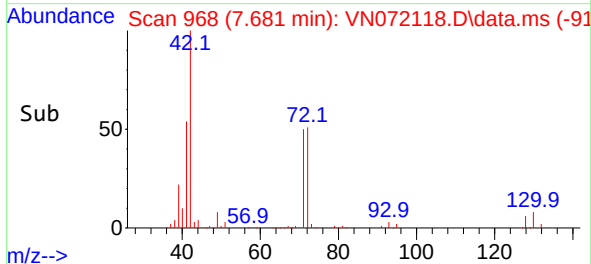
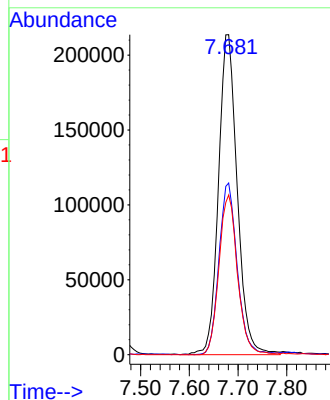
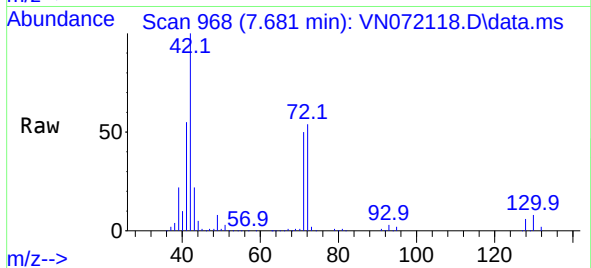
71 49.1 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2022

Supervised By :Mahesh Dadoda 04/22/2022



#30

Chloroform

Concen: 52.527 ug/l

RT: 7.810 min Scan# 990

Delta R.T. 0.000 min

Lab File: VN072118.D

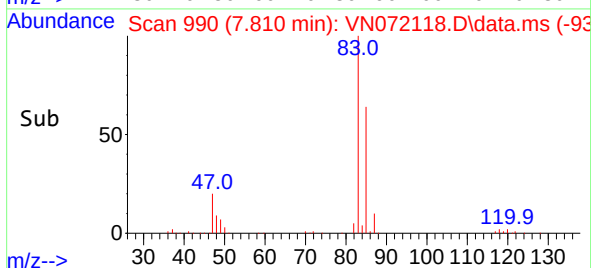
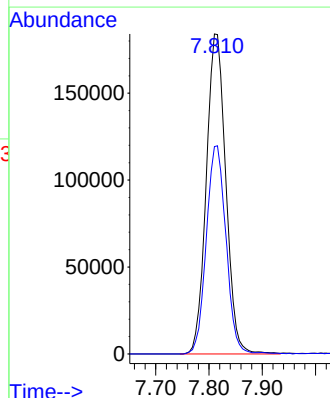
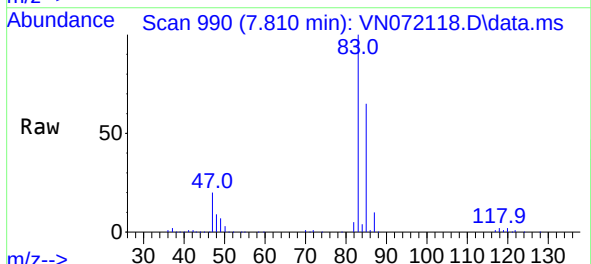
Acq: 21 Apr 2022 11:52

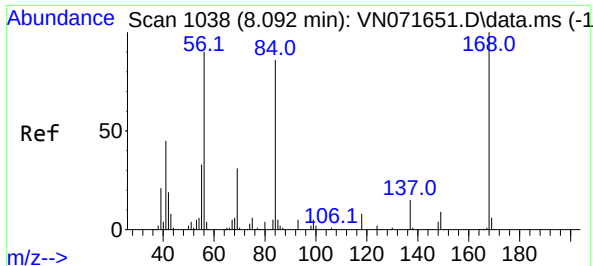
Tgt Ion: 83 Resp: 468820

Ion Ratio Lower Upper

83 100

85 64.8 51.8 77.8





#31

Cyclohexane

Concen: 52.699 ug/l

RT: 8.092 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VN072118.D

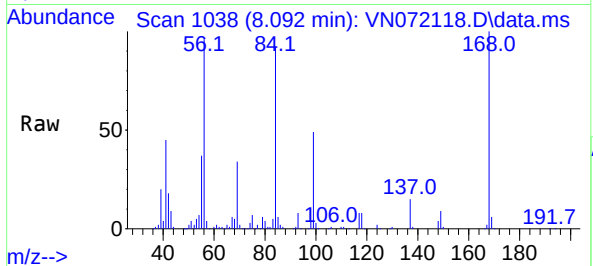
Acq: 21 Apr 2022 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion: 56 Resp: 40392

Ion Ratio Lower Upper

56 100

69 35.0 27.8 41.8

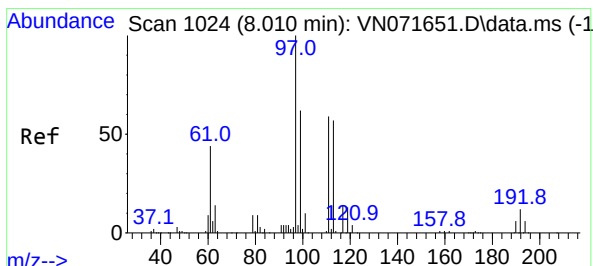
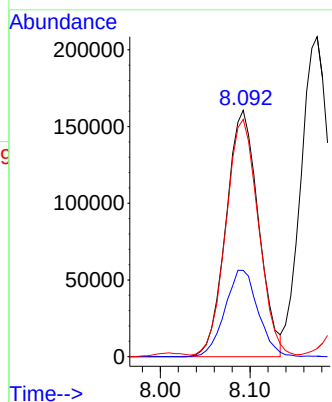
84 95.1 76.9 115.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2022

Supervised By :Mahesh Dadoda 04/22/2022



#32

1,1,1-Trichloroethane

Concen: 52.695 ug/l

RT: 8.010 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN072118.D

Acq: 21 Apr 2022 11:52

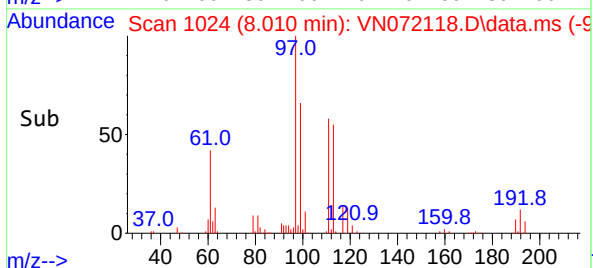
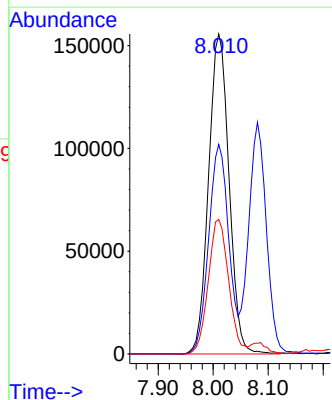
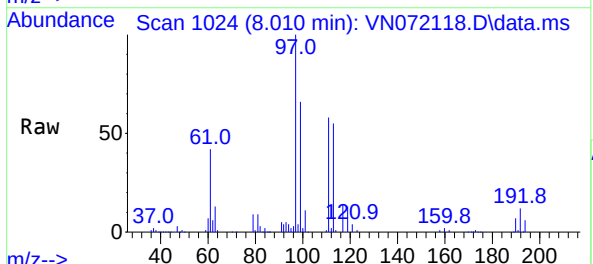
Tgt Ion: 97 Resp: 402352

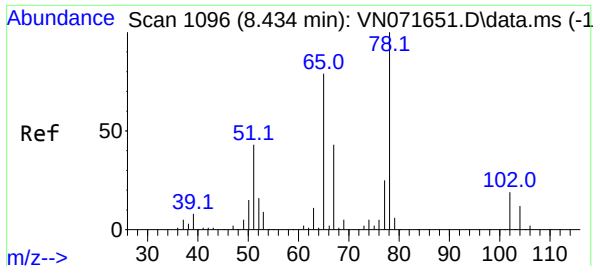
Ion Ratio Lower Upper

97 100

99 64.2 50.6 76.0

61 42.0 36.0 54.0





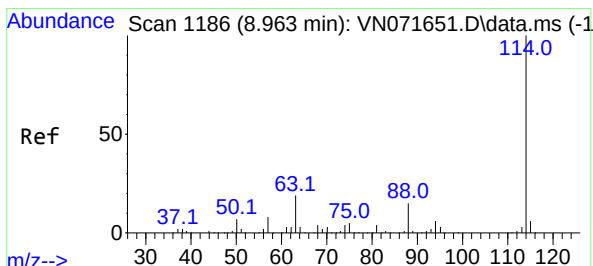
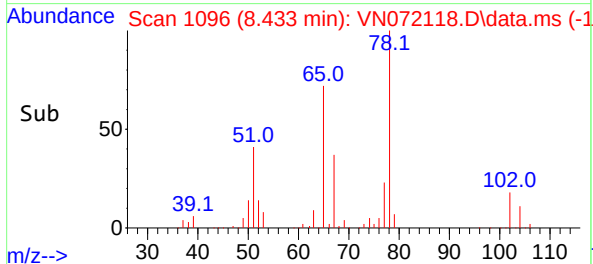
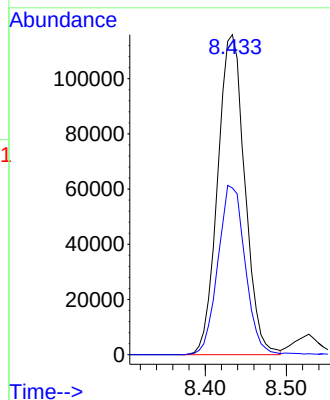
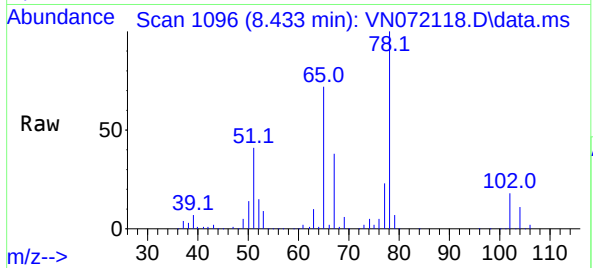
#33
1,2-Dichloroethane-d4
Concen: 47.819 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.001 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 65 Resp: 269509
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.8

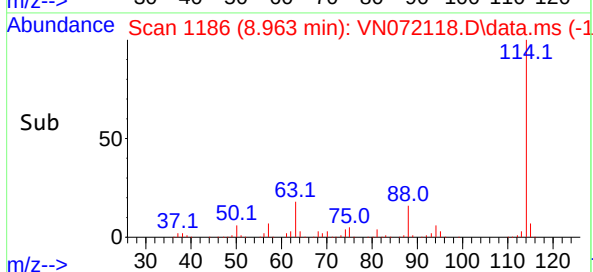
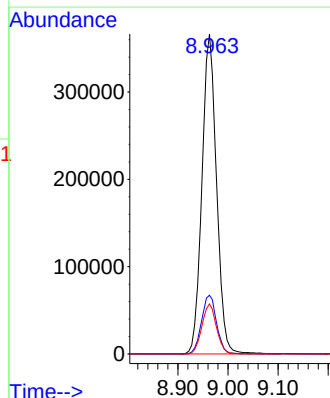
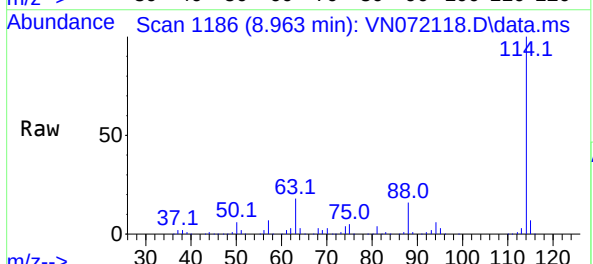
Manual Integrations
APPROVED

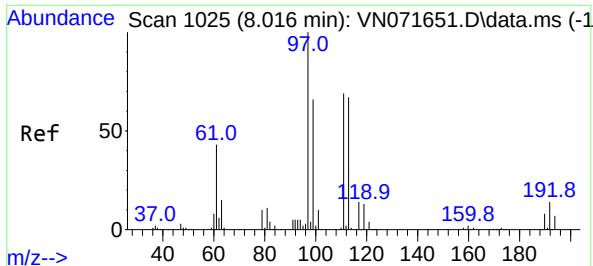
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

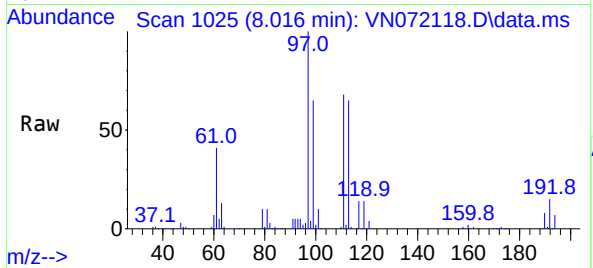
Tgt Ion:114 Resp: 740764
Ion Ratio Lower Upper
114 100
63 18.3 0.0 40.0
88 15.6 0.0 32.6





#35
Dibromofluoromethane
Concen: 54.014 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

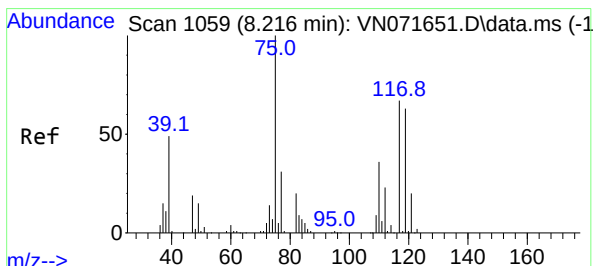
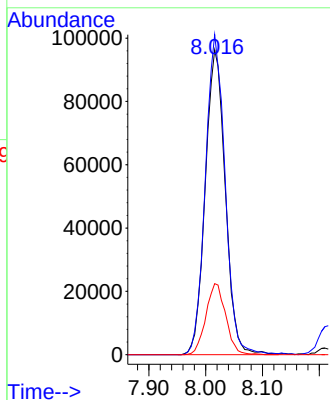
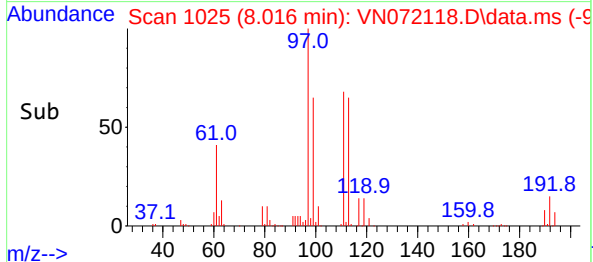
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:113 Resp: 235449
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 23.0 17.0 25.6

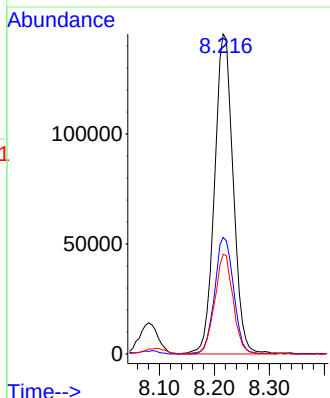
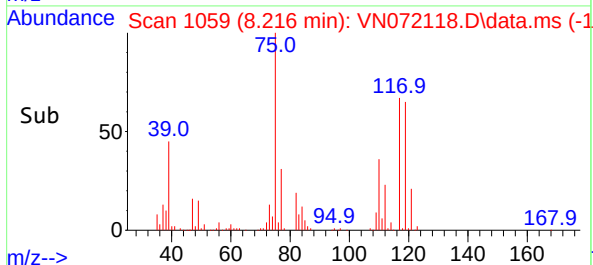
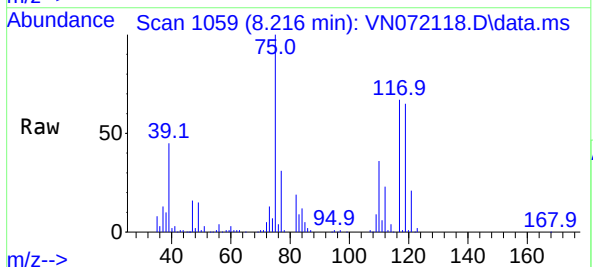
Manual Integrations
APPROVED

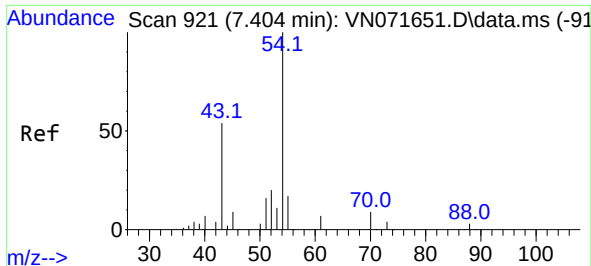
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#36
1,1-Dichloropropene
Concen: 56.292 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

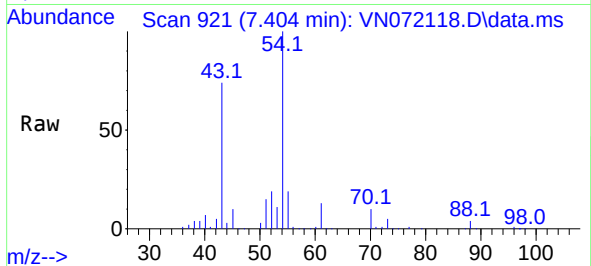
Tgt Ion: 75 Resp: 342655
Ion Ratio Lower Upper
75 100
110 37.0 18.3 54.8
77 30.6 25.1 37.7





#37
Ethyl Acetate
Concen: 51.785 ug/l
RT: 7.404 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

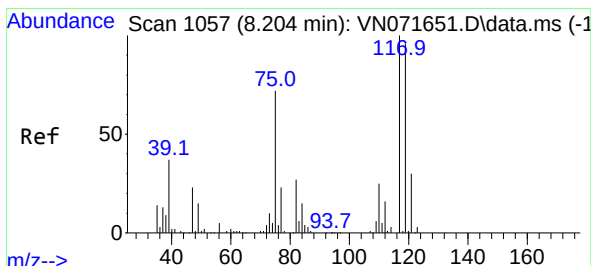
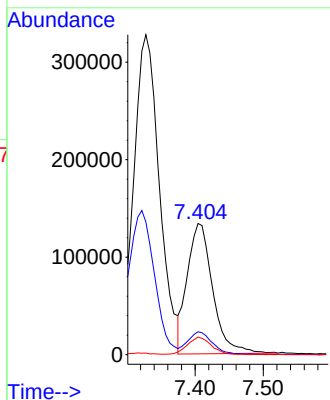
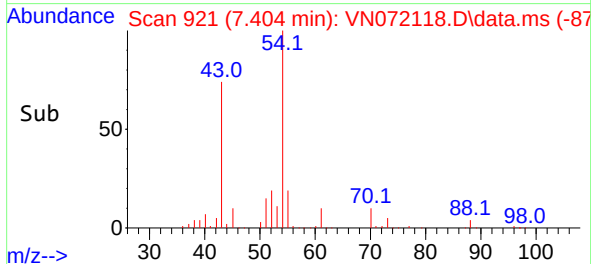
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 345020
Ion Ratio Lower Upper
43 100
61 16.8 11.8 17.6
70 12.9 9.3 13.9

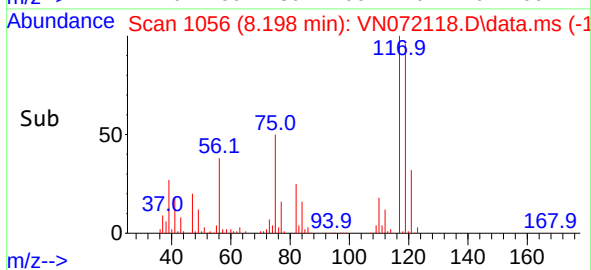
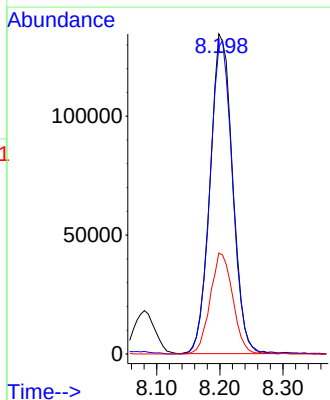
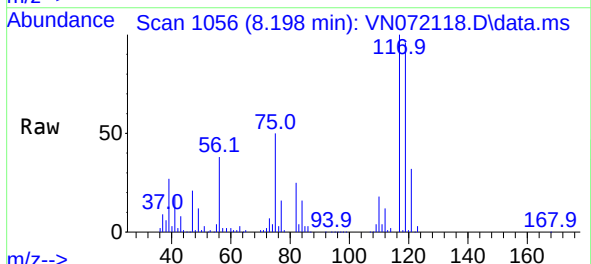
Manual Integrations
APPROVED

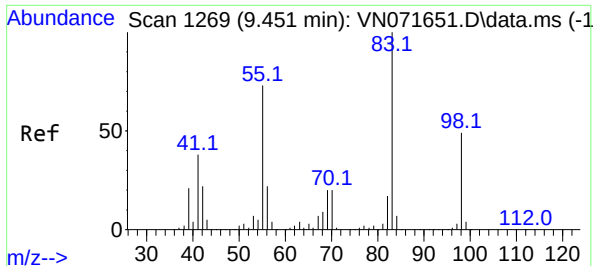
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#38
Carbon Tetrachloride
Concen: 56.025 ug/l
RT: 8.198 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

Tgt Ion:117 Resp: 334231
Ion Ratio Lower Upper
117 100
119 95.9 75.8 113.8
121 31.6 24.6 37.0





#39
Methylcyclohexane
Concen: 60.914 ug/l
RT: 9.451 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

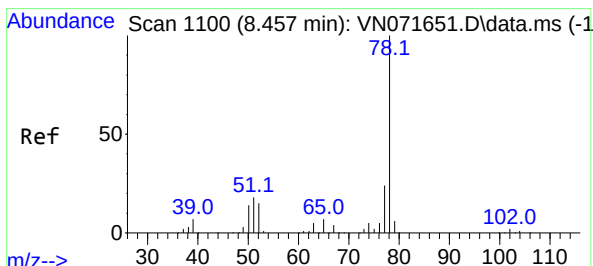
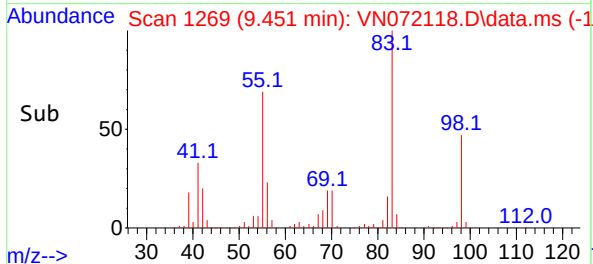
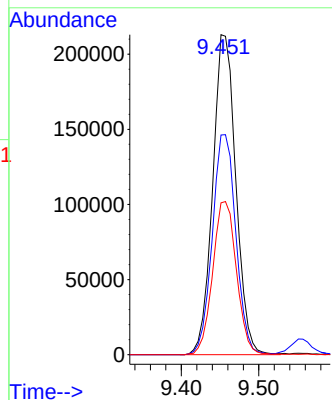
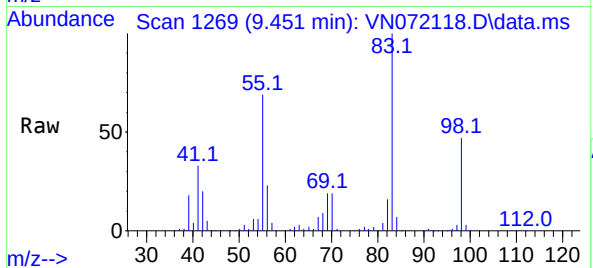
Tgt Ion: 83 Resp: 441378
Ion Ratio Lower Upper
83 100
55 68.6 57.8 86.8
98 47.5 39.4 59.2

Manual Integrations

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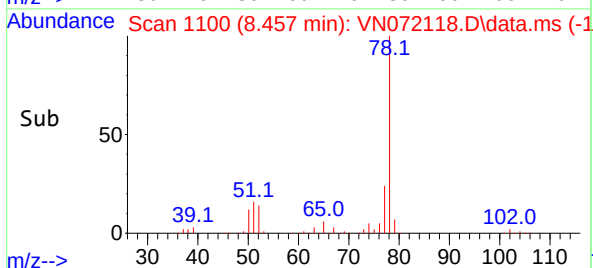
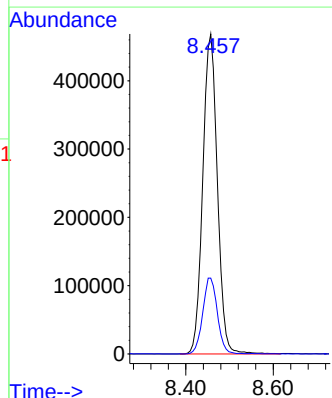
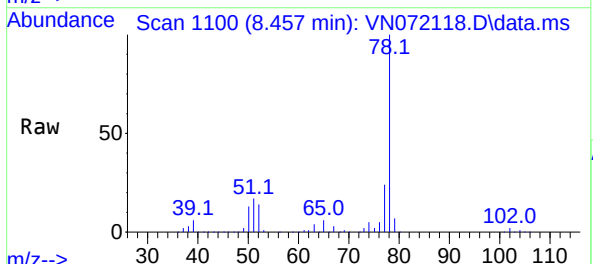
Reviewed By :John Carlone 04/22/2022

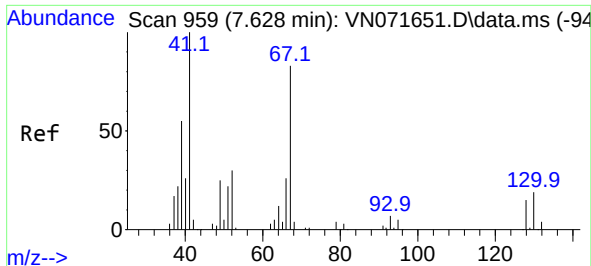
Supervised By :Mahesh Dadoda 04/22/2022



#40
Benzene
Concen: 56.569 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

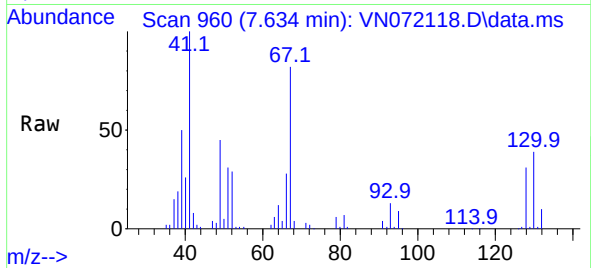
Tgt Ion: 78 Resp: 1087768
Ion Ratio Lower Upper
78 100
77 23.7 19.4 29.0





#41
Methacrylonitrile
Concen: 51.231 ug/l
RT: 7.634 min Scan# 90
Delta R.T. 0.006 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

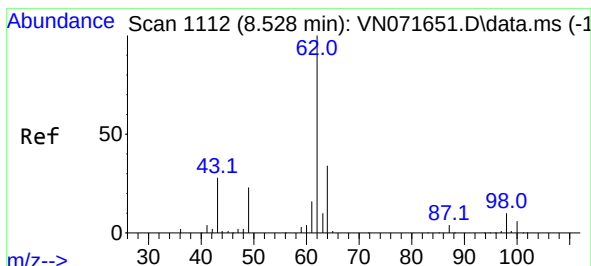
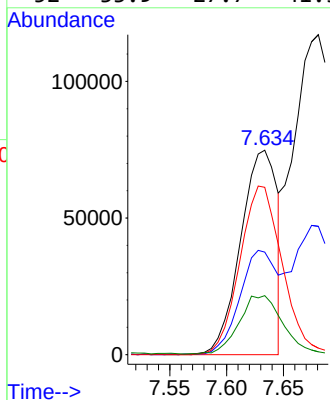
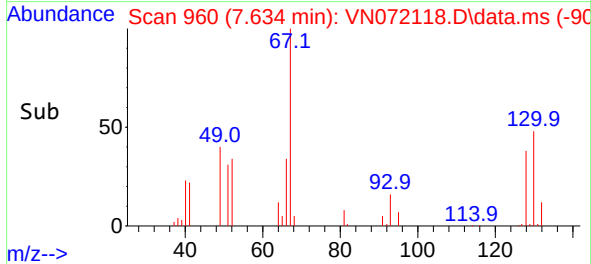
Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050



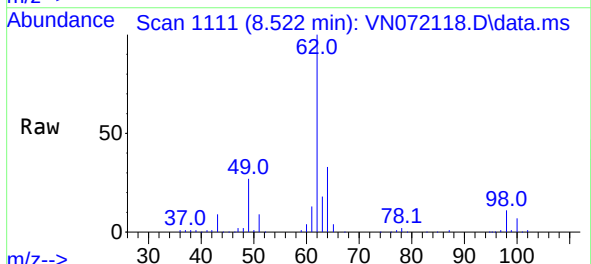
Tgt Ion: 41 Resp: 167130
Ion Ratio Lower Upper
41 100
39 51.1 48.6 73.0
67 97.2 73.4 110.2
52 33.9 27.7 41.5

Manual Integrations
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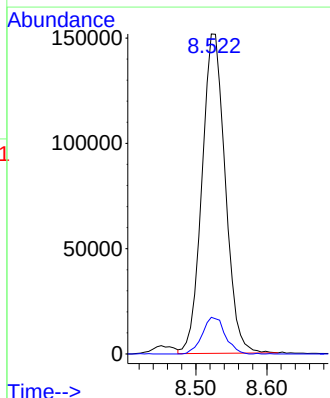
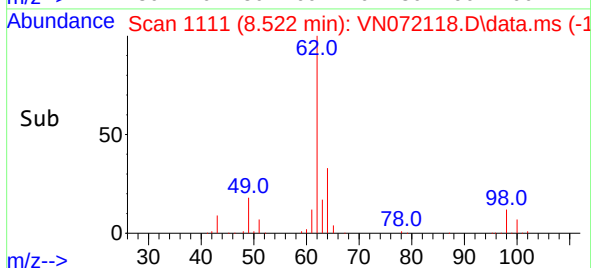
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

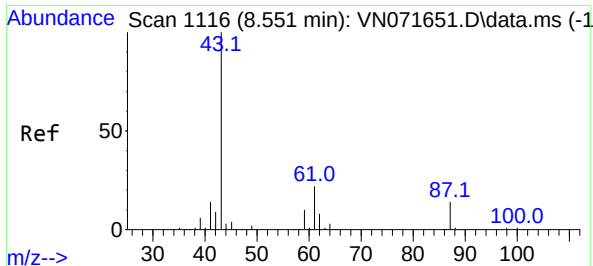


#42
1,2-Dichloroethane
Concen: 51.980 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52



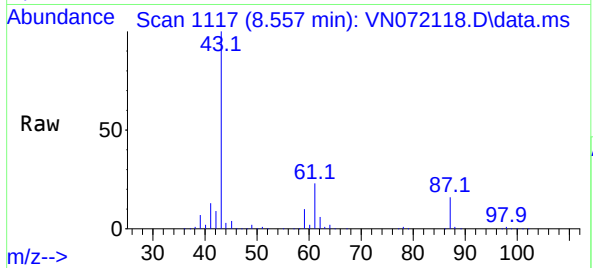
Tgt Ion: 62 Resp: 345755
Ion Ratio Lower Upper
62 100
98 11.2 0.0 19.4





#43
Isopropyl Acetate
Concen: 50.132 ug/l
RT: 8.557 min Scan# 1116
Delta R.T. 0.006 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

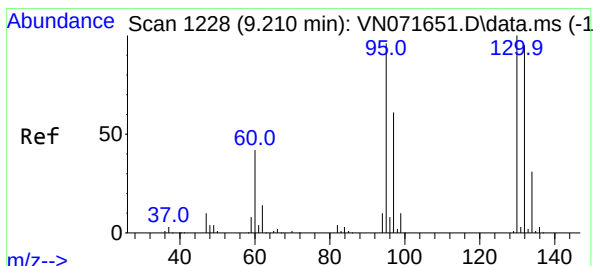
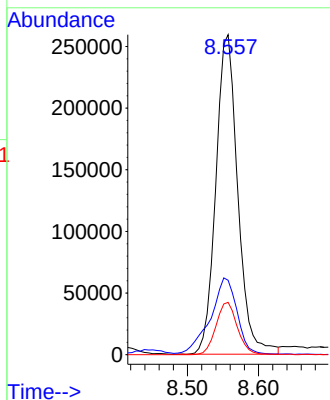
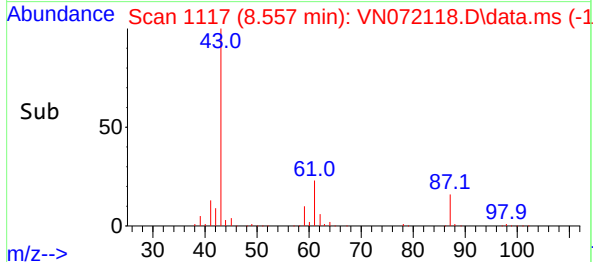
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



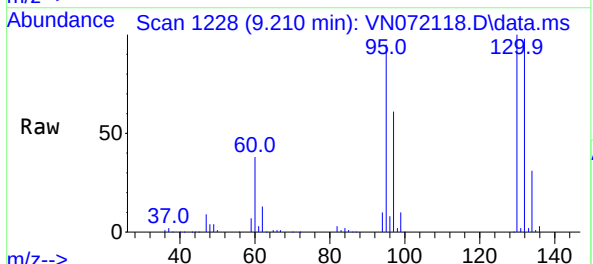
Tgt Ion: 43 Resp: 555564
Ion Ratio Lower Upper
43 100
61 29.3 21.9 32.9
87 16.0 12.0 18.0

Manual Integrations
APPROVED

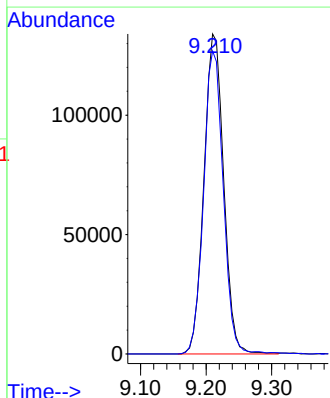
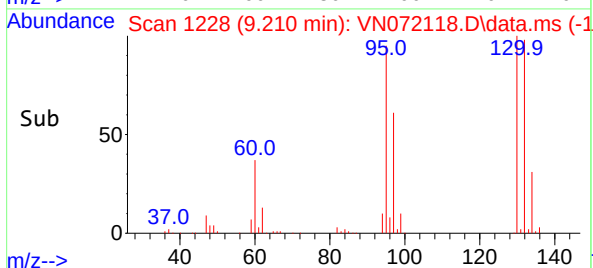
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

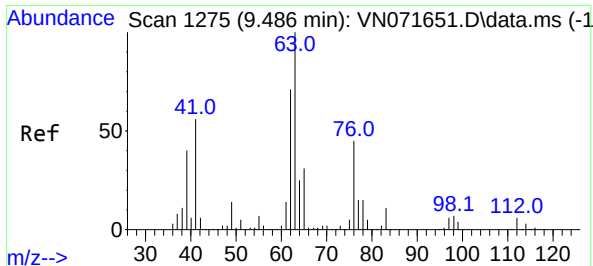


#44
Trichloroethene
Concen: 56.660 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52



Tgt Ion:130 Resp: 280691
Ion Ratio Lower Upper
130 100
95 94.7 0.0 186.8





#45

1,2-Dichloropropane

Concen: 56.077 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072118.D

Acq: 21 Apr 2022 11:52

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 26938

Ion Ratio Lower Upper

63 100

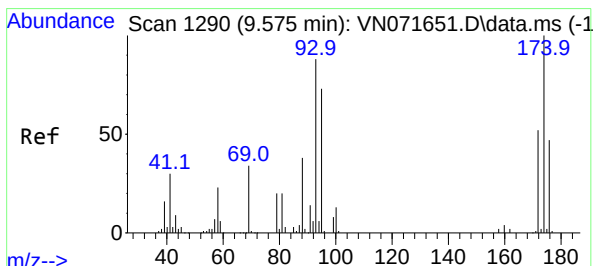
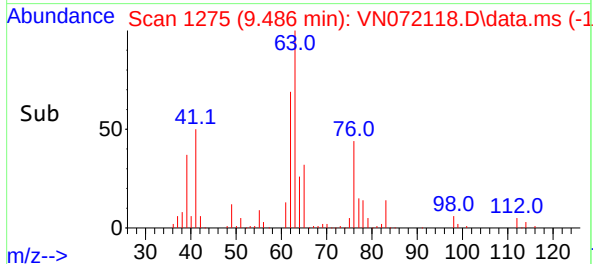
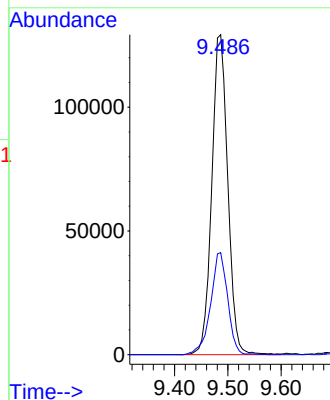
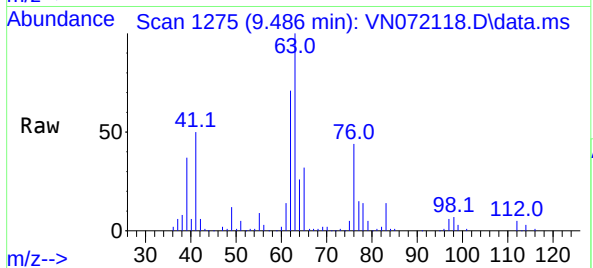
65 31.9 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 04/22/2022

Supervised By :Mahesh Dadoda 04/22/2022



#46

Dibromomethane

Concen: 56.025 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.006 min

Lab File: VN072118.D

Acq: 21 Apr 2022 11:52

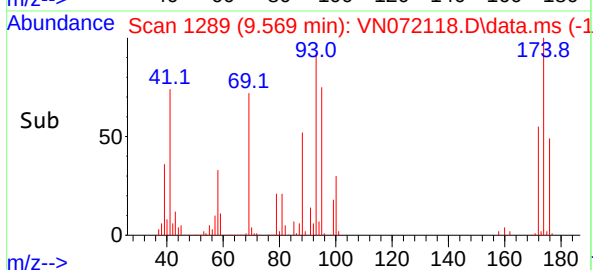
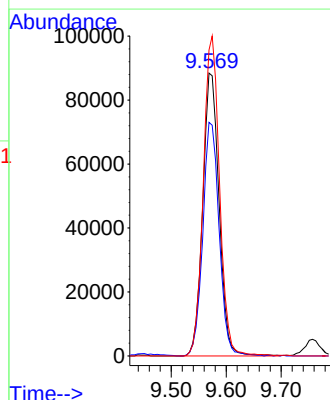
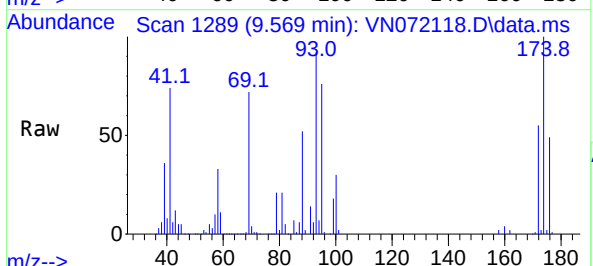
Tgt Ion: 93 Resp: 182729

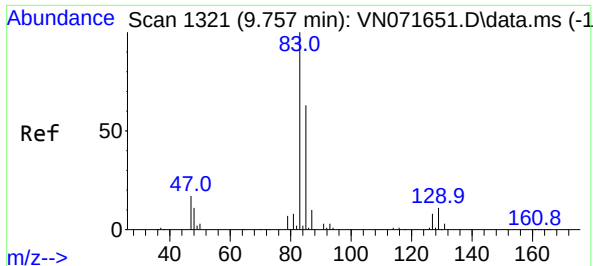
Ion Ratio Lower Upper

93 100

95 82.8 66.9 100.3

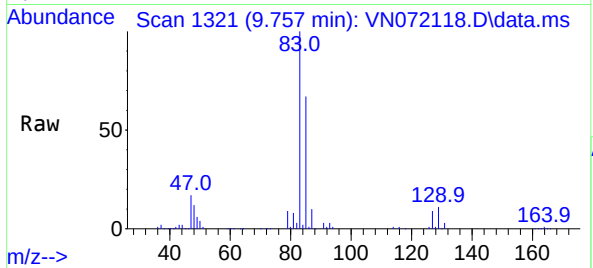
174 112.5 86.6 130.0





#47
Bromodichloromethane
Concen: 56.870 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

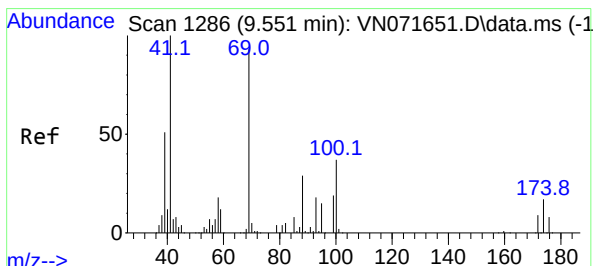
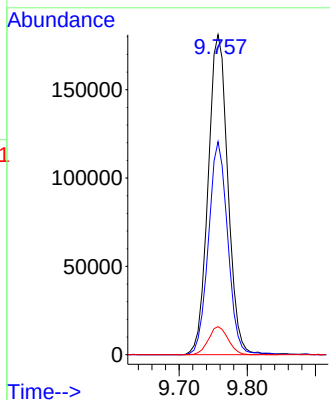
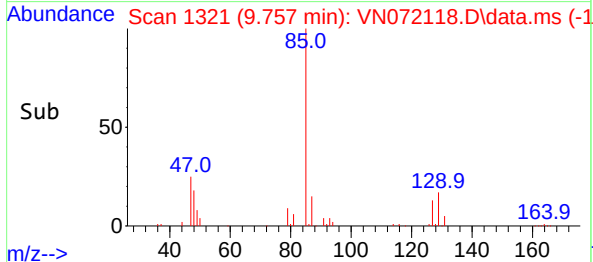
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



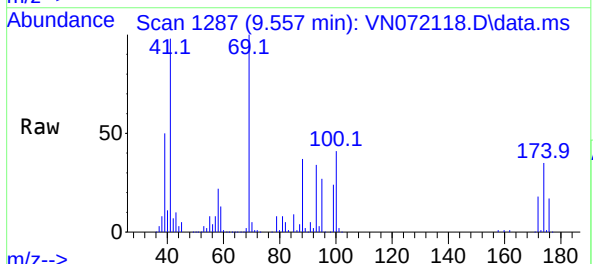
Tgt Ion: 83 Resp: 36512
Ion Ratio Lower Upper
83 100
85 66.5 50.5 75.7
127 8.8 6.8 10.2

Manual Integrations
APPROVED

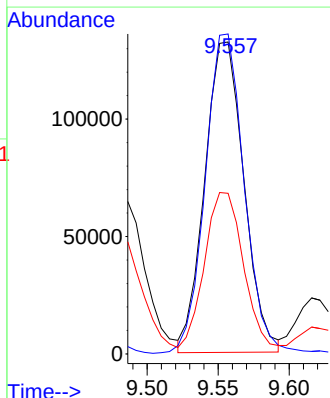
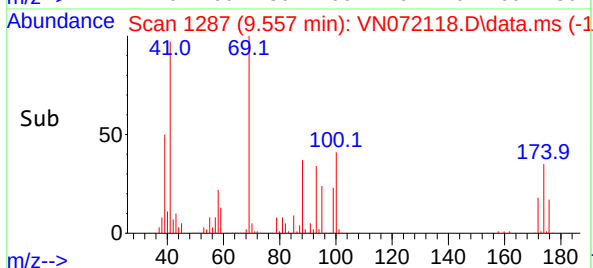
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

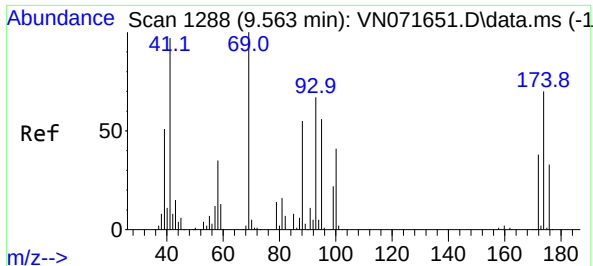


#48
Methyl methacrylate
Concen: 55.274 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52



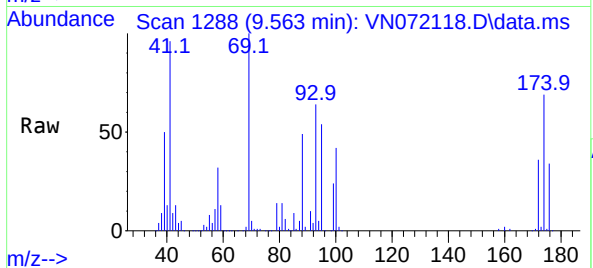
Tgt Ion: 41 Resp: 254132
Ion Ratio Lower Upper
41 100
69 103.1 74.7 112.1
39 52.4 45.6 68.4





#49
1,4-Dioxane
Concen: 1050.213 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

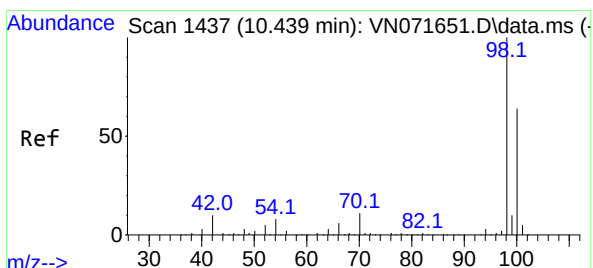
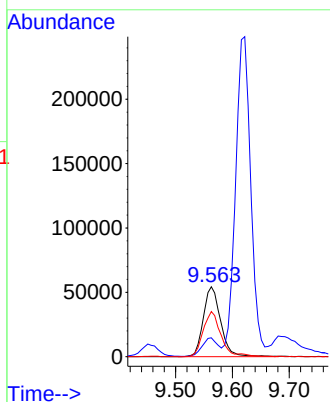
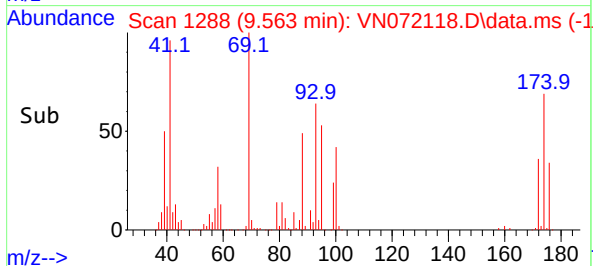
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



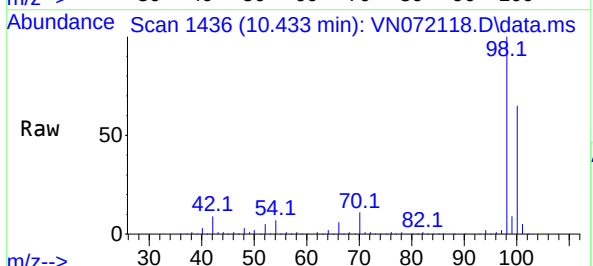
Tgt Ion: 88 Resp: 114470
Ion Ratio Lower Upper
88 100
43 24.2 20.2 30.4
58 66.9 54.2 81.4

Manual Integrations
APPROVED

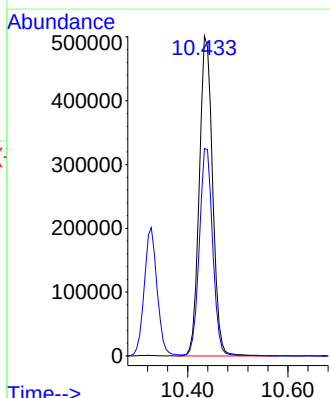
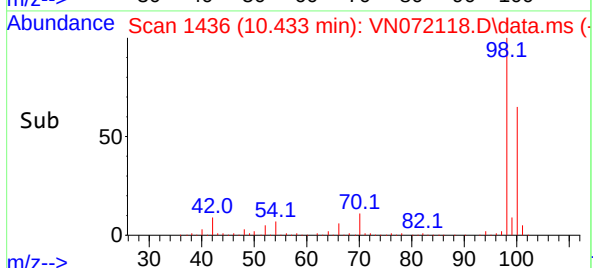
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

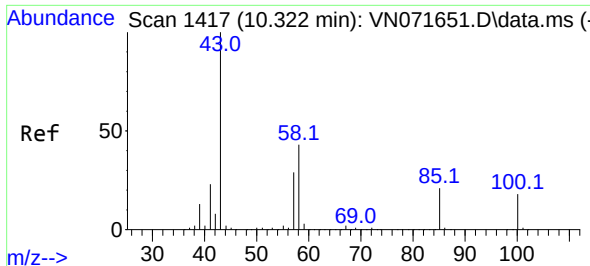


#50
Toluene-d8
Concen: 51.765 ug/l
RT: 10.433 min Scan# 1436
Delta R.T. -0.006 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52



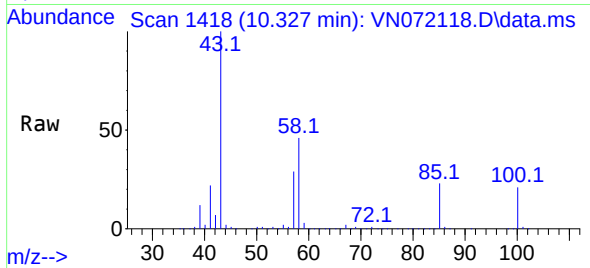
Tgt Ion: 98 Resp: 923054
Ion Ratio Lower Upper
98 100
100 65.2 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 278.333 ug/l
RT: 10.327 min Scan# 1417
Delta R.T. 0.005 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

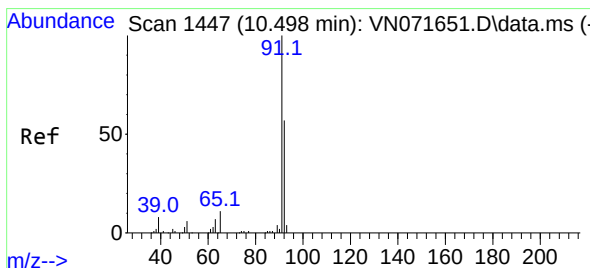
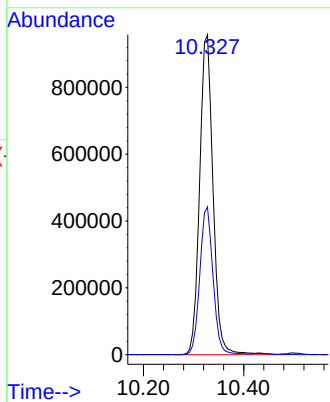
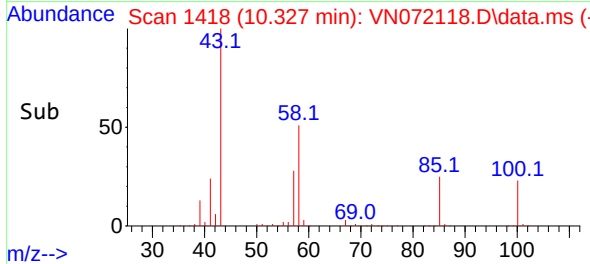
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 177339
Ion Ratio Lower Upper
43 100
58 45.6 34.1 51.1

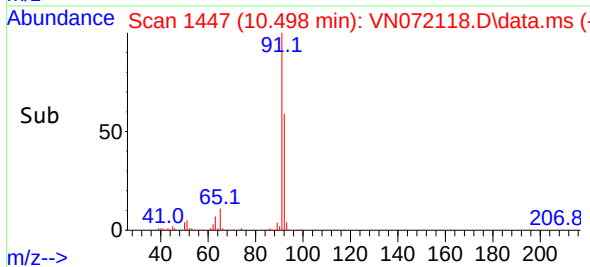
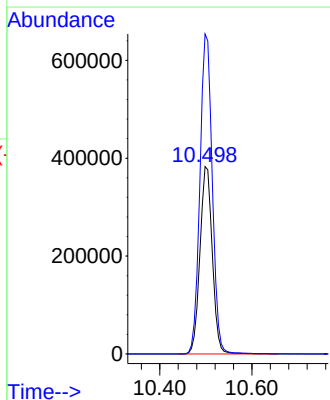
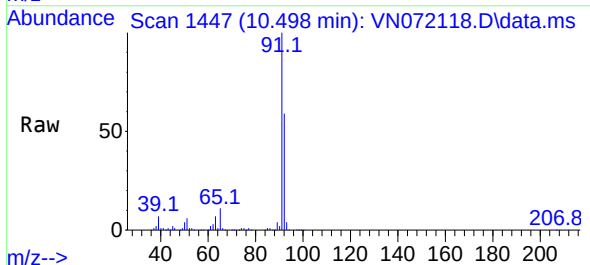
Manual Integrations
APPROVED

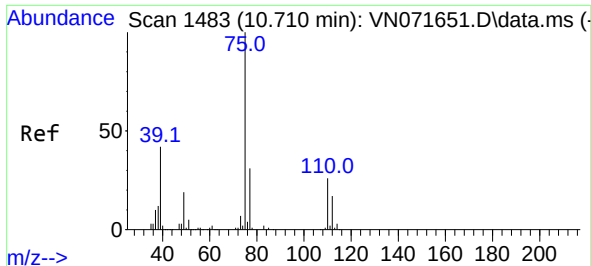
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#52
Toluene
Concen: 58.803 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

Tgt Ion: 92 Resp: 714755
Ion Ratio Lower Upper
92 100
91 171.6 138.6 207.8





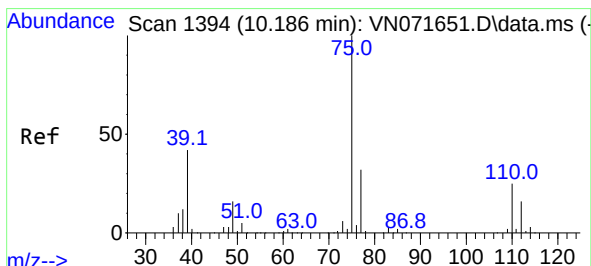
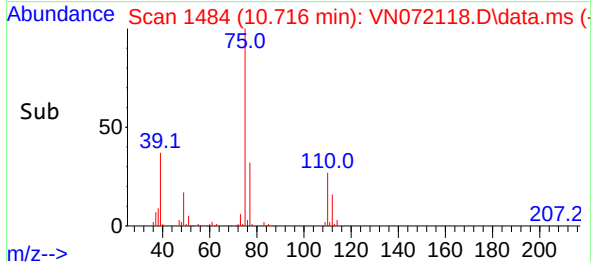
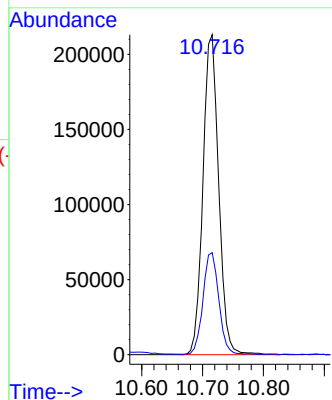
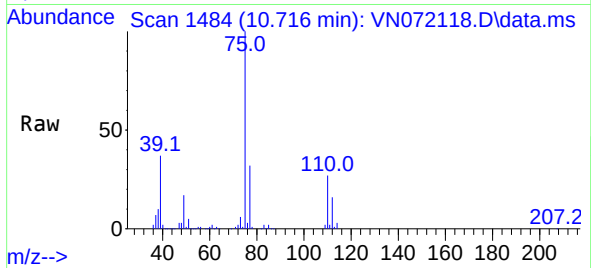
#53
t-1,3-Dichloropropene
Concen: 56.827 ug/l
RT: 10.716 min Scan# 1483
Delta R.T. 0.006 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 38238
Ion Ratio Lower Upper
75 100
77 31.8 25.6 38.4

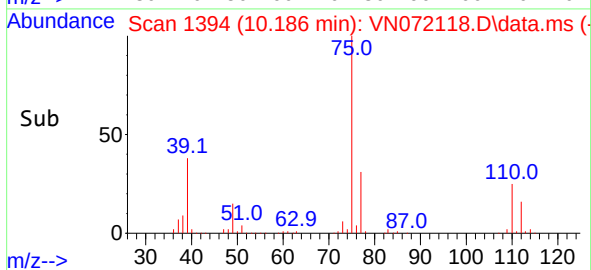
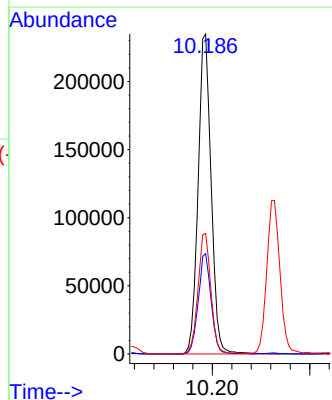
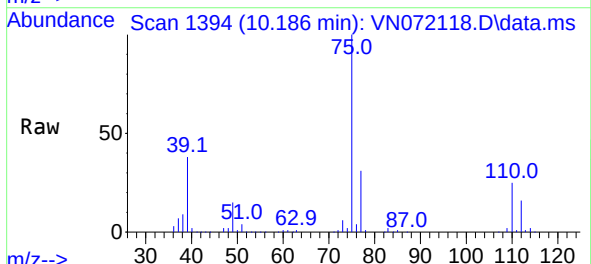
Manual Integrations
APPROVED

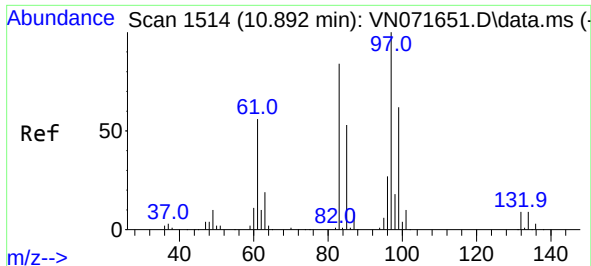
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#54
cis-1,3-Dichloropropene
Concen: 58.697 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

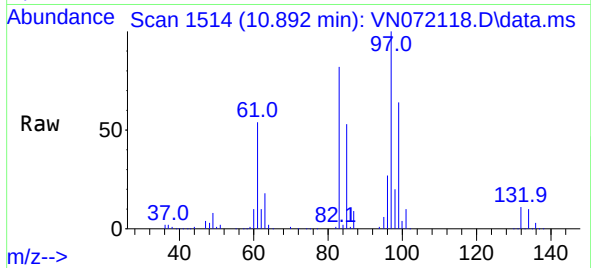
Tgt Ion: 75 Resp: 436402
Ion Ratio Lower Upper
75 100
77 31.3 25.2 37.8
39 37.6 35.7 53.5





#55
1,1,2-Trichloroethane
Concen: 55.387 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

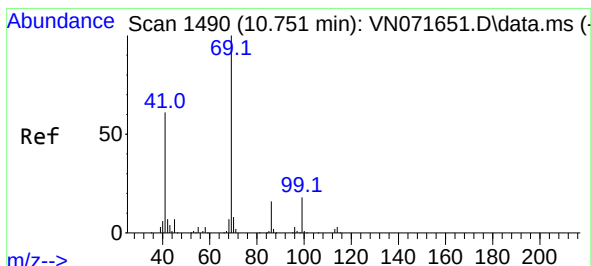
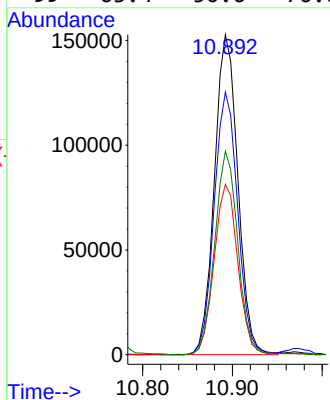
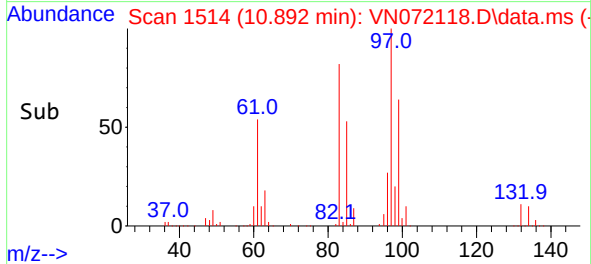


Tgt Ion: 97 Resp: 277080

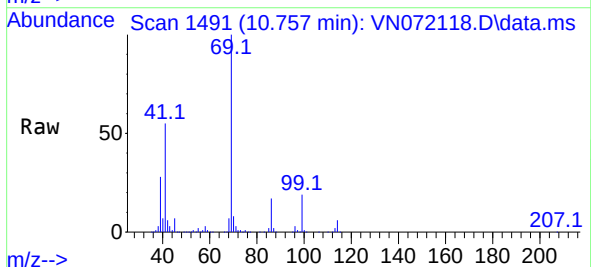
Ion	Ratio	Lower	Upper
97	100		
83	82.1	66.2	99.4
85	53.2	43.9	65.9
99	63.4	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

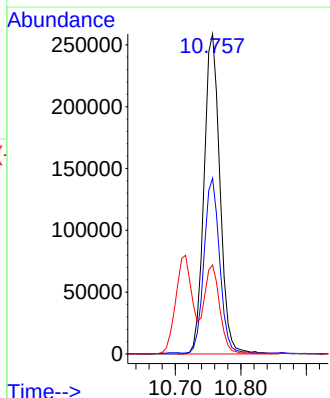
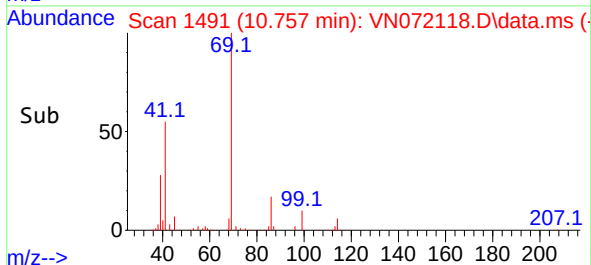


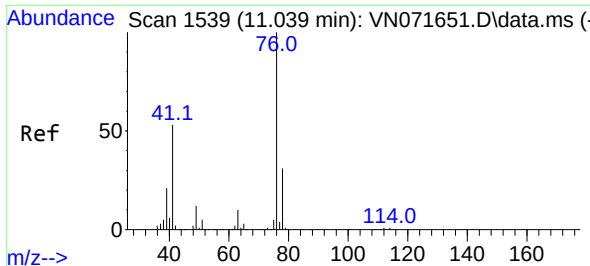
#56
Ethyl methacrylate
Concen: 61.229 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. 0.006 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52



Tgt Ion: 69 Resp: 436962

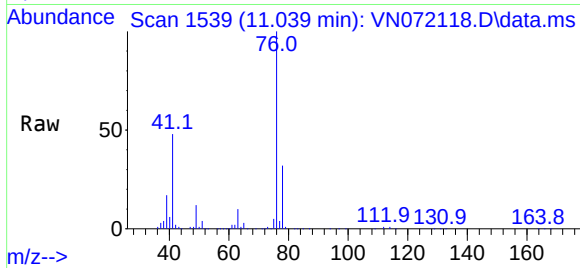
Ion	Ratio	Lower	Upper
69	100		
41	53.5	47.8	71.6
39	27.6	27.3	40.9





#57
1,3-Dichloropropane
Concen: 54.590 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

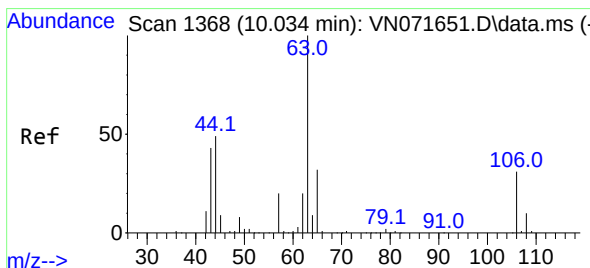
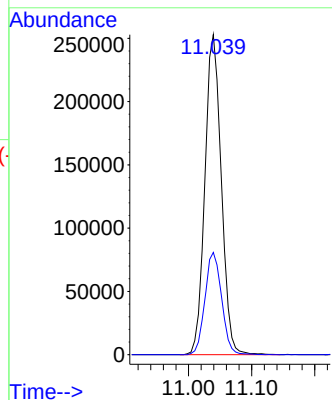
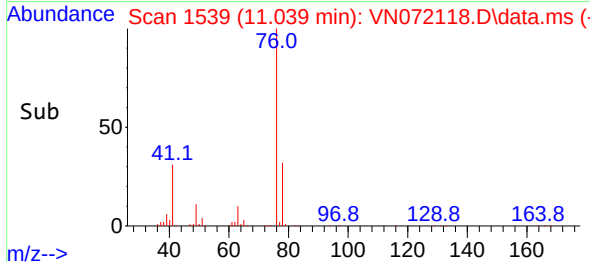
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



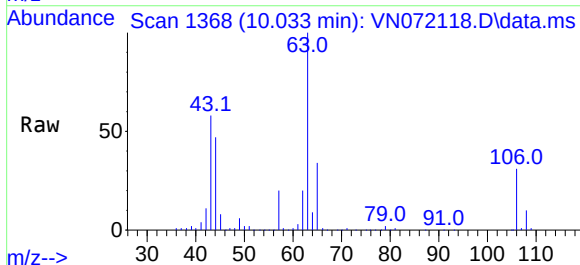
Tgt Ion: 76 Resp: 456602
Ion Ratio Lower Upper
76 100
78 32.5 26.2 39.2

Manual Integrations
APPROVED

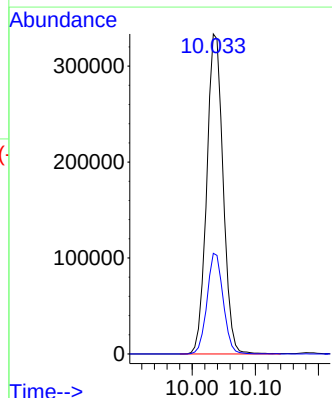
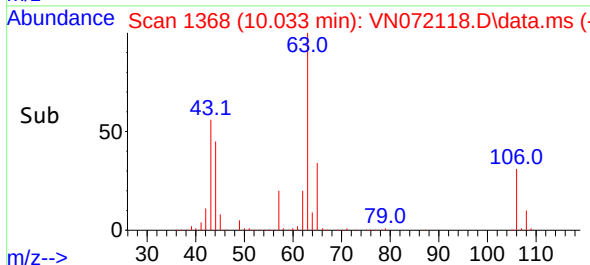
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

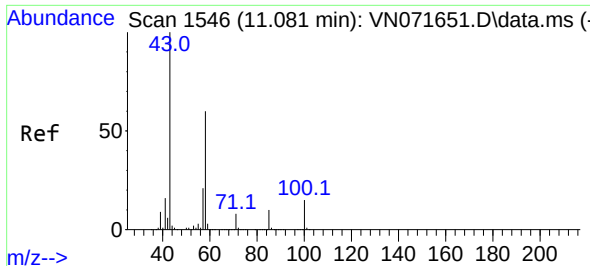


#58
2-Chloroethyl Vinyl ether
Concen: 271.518 ug/l
RT: 10.033 min Scan# 1368
Delta R.T. -0.001 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52



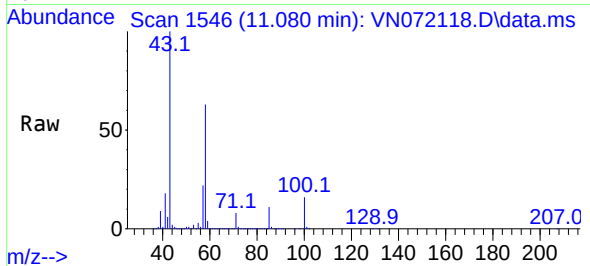
Tgt Ion: 63 Resp: 599988
Ion Ratio Lower Upper
63 100
106 30.9 24.6 36.8





#59
2-Hexanone
Concen: 271.480 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

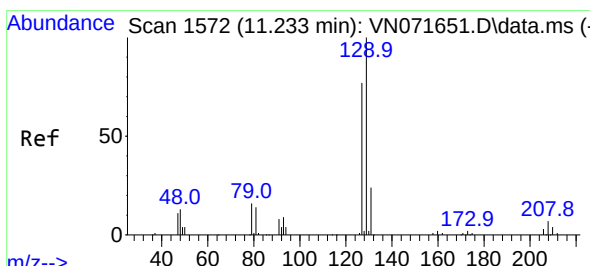
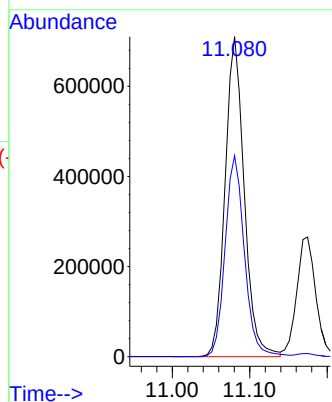
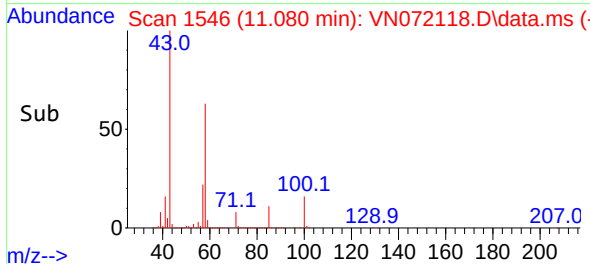
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 43 Resp: 121782
Ion Ratio Lower Upper
43 100
58 63.4 29.7 89.1

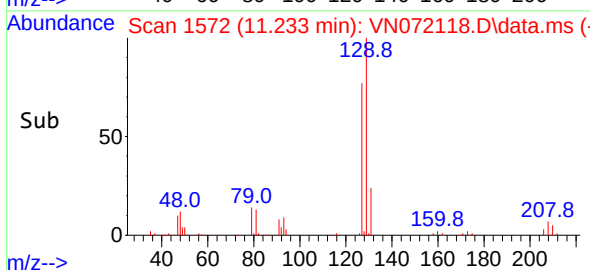
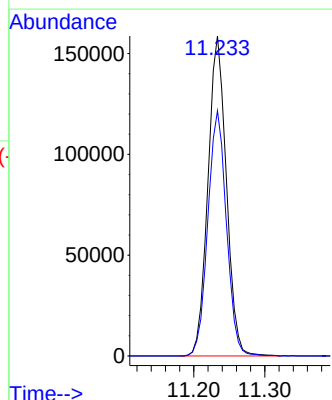
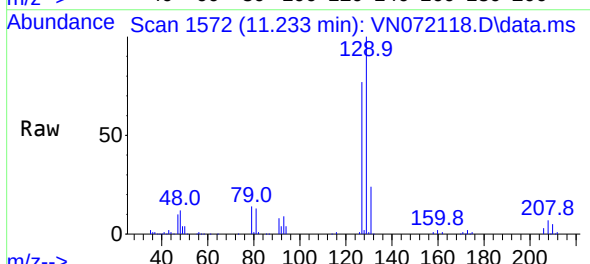
Manual Integrations
APPROVED

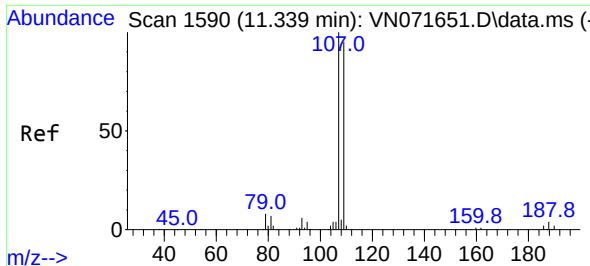
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#60
Dibromochloromethane
Concen: 58.631 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

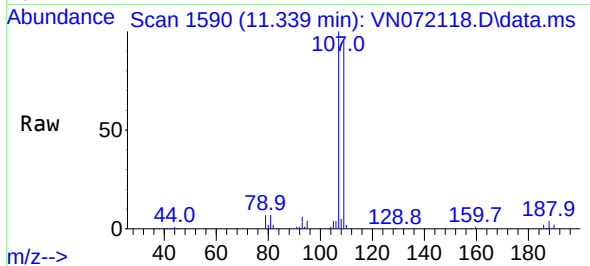
Tgt Ion:129 Resp: 285993
Ion Ratio Lower Upper
129 100
127 77.4 38.8 116.4





#61
1,2-Dibromoethane
Concen: 56.988 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

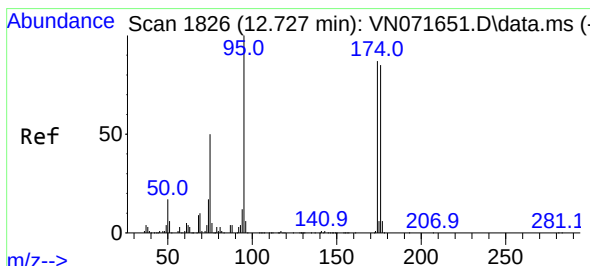
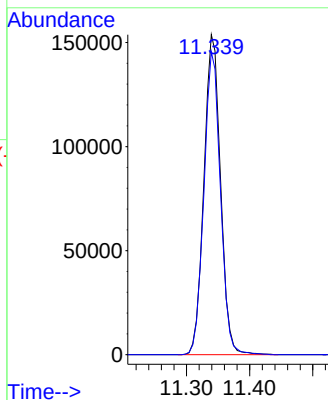
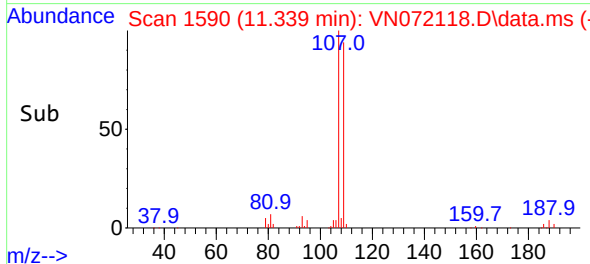
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



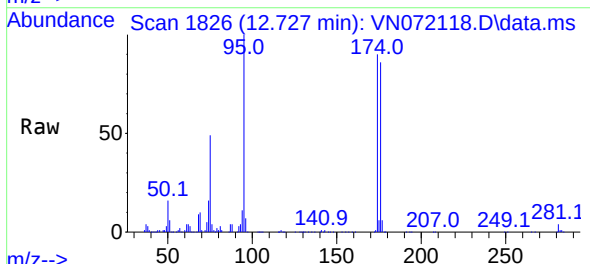
Tgt Ion:107 Resp: 280625
Ion Ratio Lower Upper
107 100
109 94.5 75.0 112.6

Manual Integrations
APPROVED

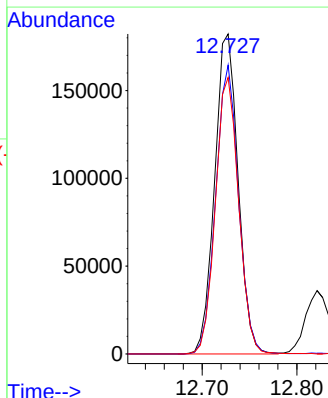
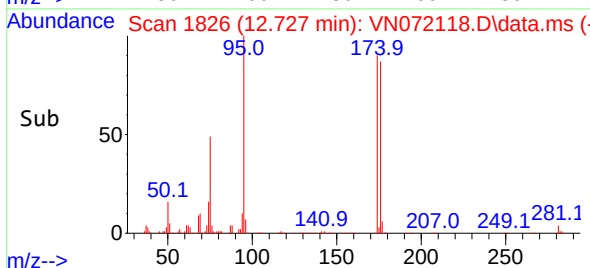
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

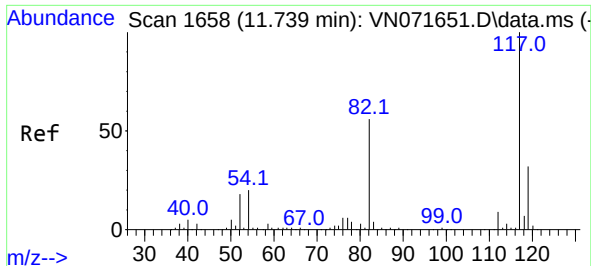


#62
4-Bromofluorobenzene
Concen: 54.391 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52



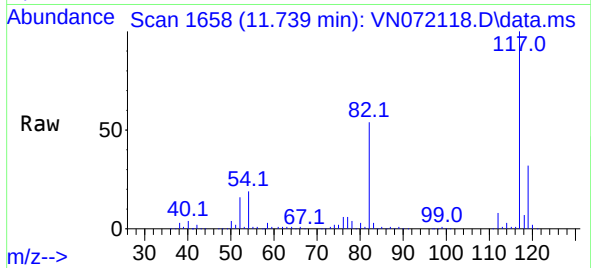
Tgt Ion: 95 Resp: 313672
Ion Ratio Lower Upper
95 100
174 87.9 0.0 167.6
176 85.5 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

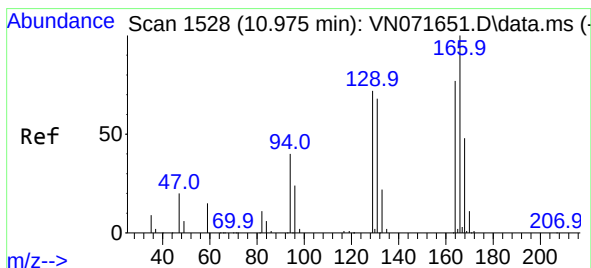
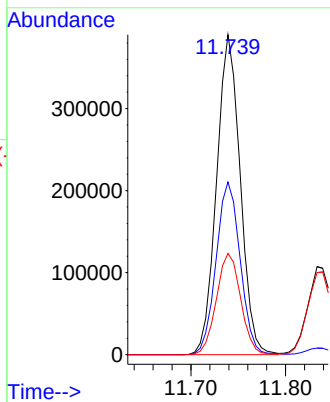
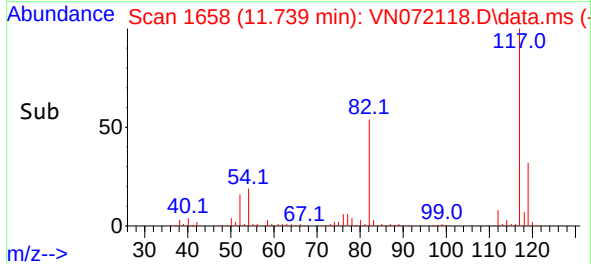
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



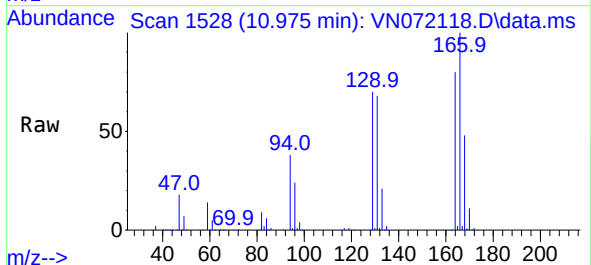
Tgt Ion:117 Resp: 676610
Ion Ratio Lower Upper
117 100
82 53.9 44.2 66.2
119 31.6 25.4 38.0

Manual Integrations
APPROVED

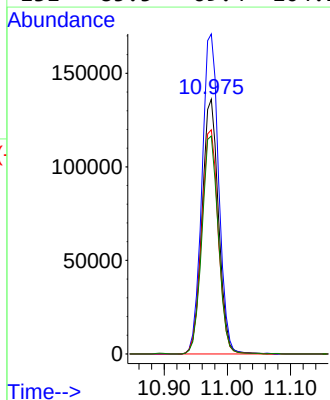
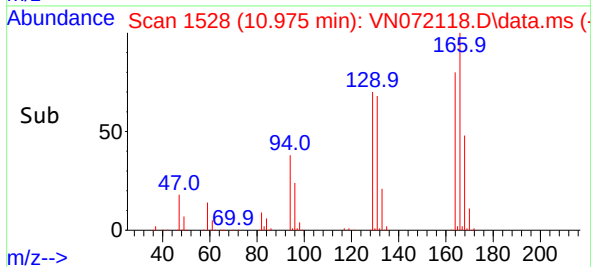
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

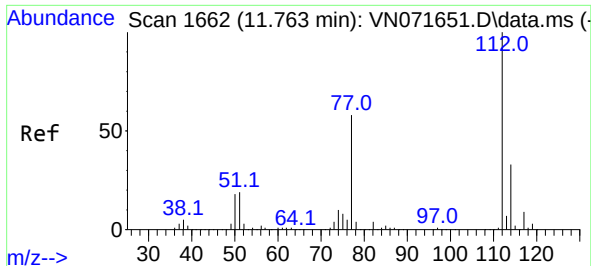


#64
Tetrachloroethene
Concen: 55.164 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52



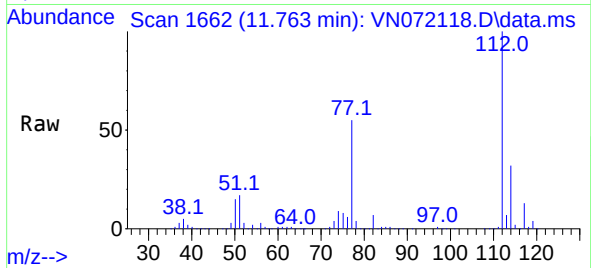
Tgt Ion:164 Resp: 246471
Ion Ratio Lower Upper
164 100
166 125.6 104.2 156.2
129 88.0 73.9 110.9
131 85.5 69.4 104.2





#65
Chlorobenzene
Concen: 55.820 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

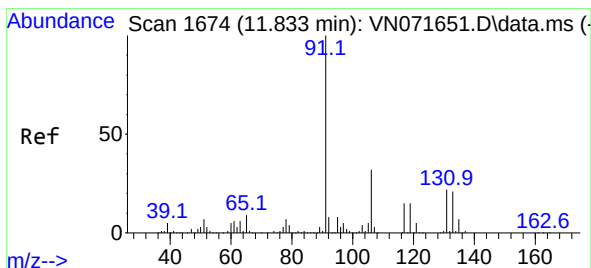
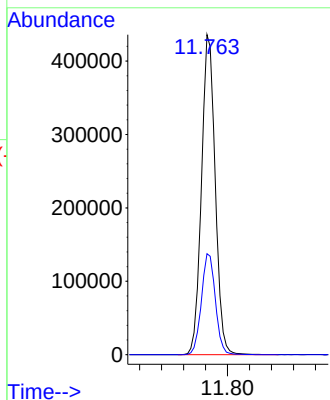
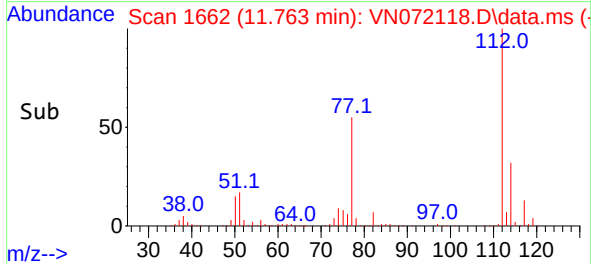
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



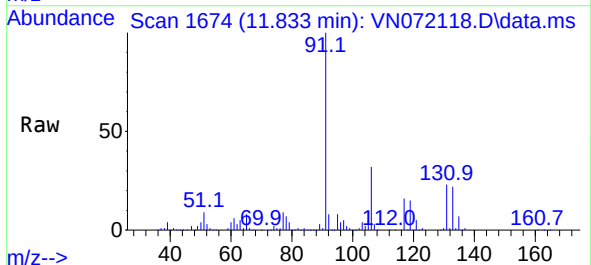
Tgt Ion:112 Resp: 756270
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2

Manual Integrations
APPROVED

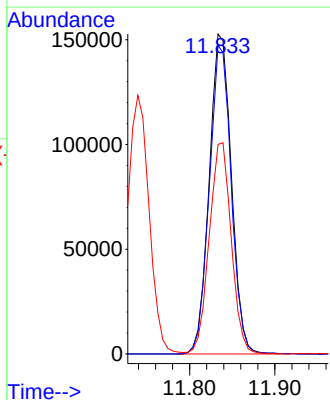
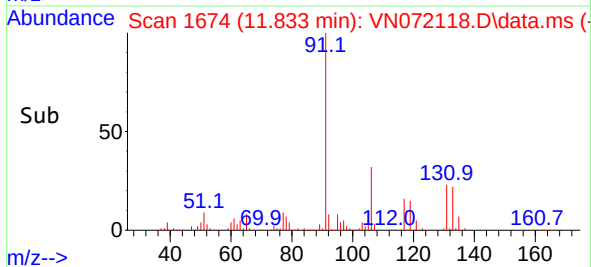
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

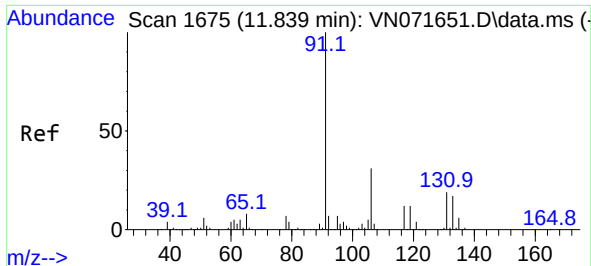


#66
1,1,1,2-Tetrachloroethane
Concen: 56.273 ug/l
RT: 11.833 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52



Tgt Ion:131 Resp: 275109
Ion Ratio Lower Upper
131 100
133 95.5 47.8 143.4
119 65.8 33.4 100.2





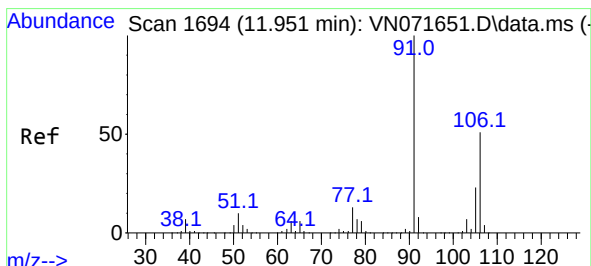
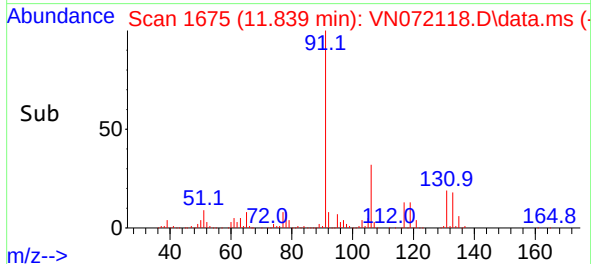
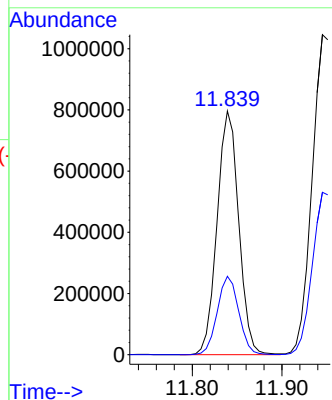
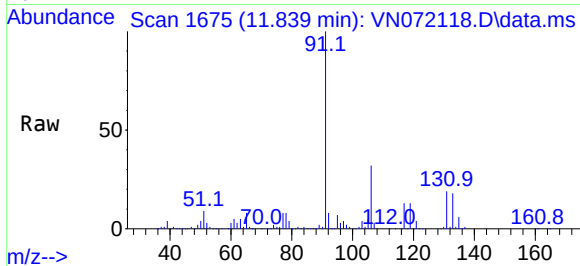
#67
Ethyl Benzene
Concen: 58.065 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 133174
Ion Ratio Lower Upper
91 100
106 32.2 24.9 37.3

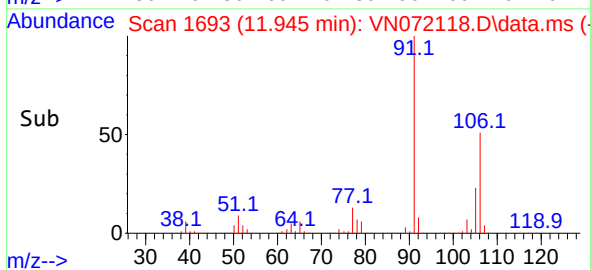
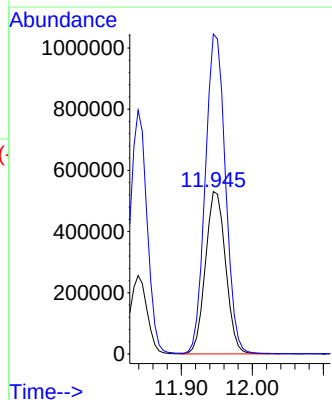
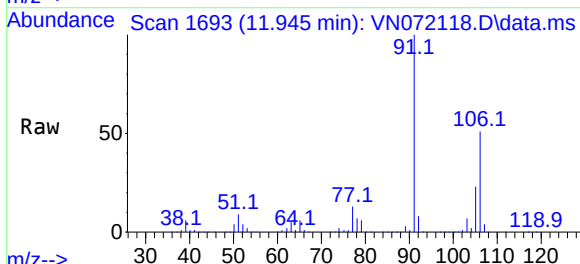
Manual Integrations
APPROVED

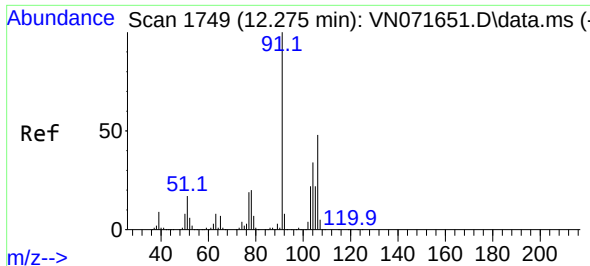
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#68
m/p-Xylenes
Concen: 118.956 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. -0.006 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

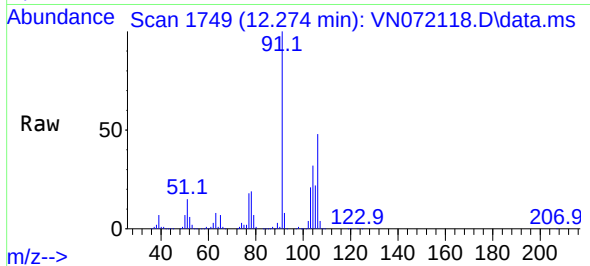
Tgt Ion:106 Resp: 1048279
Ion Ratio Lower Upper
106 100
91 197.2 158.9 238.3





#69
o-Xylene
Concen: 59.296 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. -0.001 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

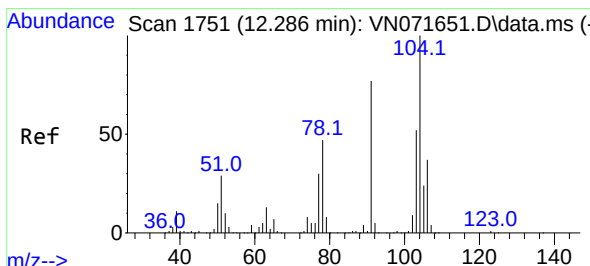
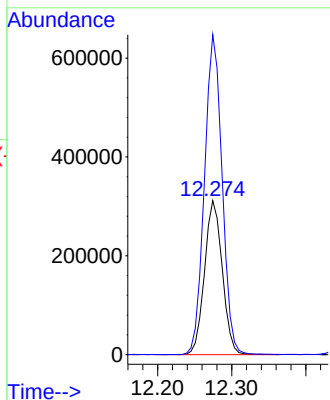
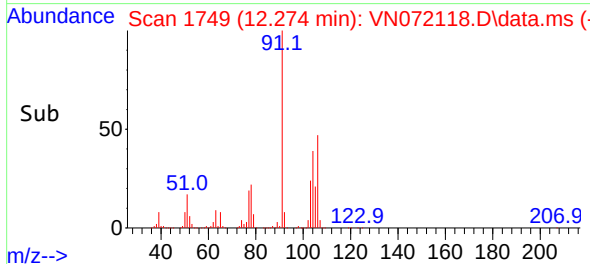
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion:106 Resp: 51865
Ion Ratio Lower Upper
106 100
91 207.1 106.0 318.0

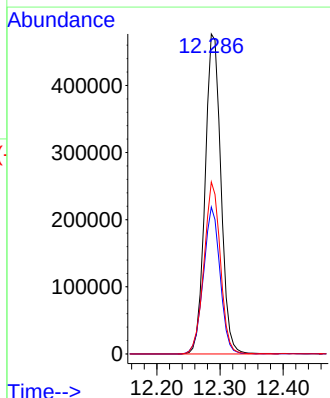
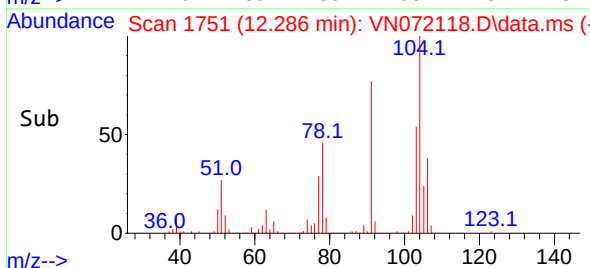
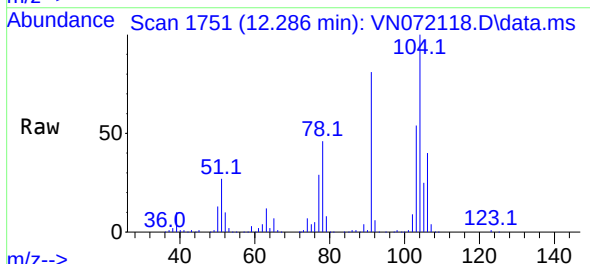
Manual Integrations
APPROVED

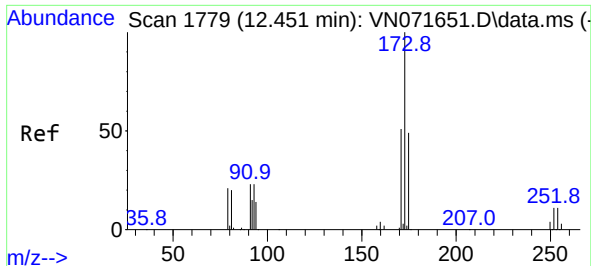
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#70
Styrene
Concen: 62.474 ug/l
RT: 12.286 min Scan# 1751
Delta R.T. 0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

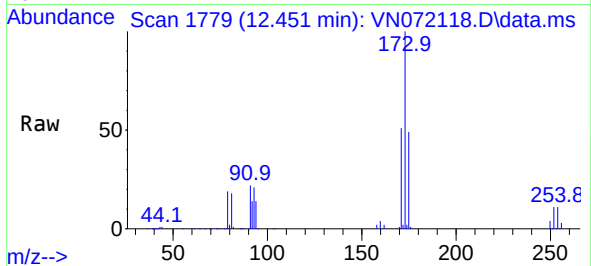
Tgt Ion:104 Resp: 827947
Ion Ratio Lower Upper
104 100
78 48.0 39.5 59.3
103 55.4 44.0 66.0





#71
Bromoform
Concen: 61.002 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

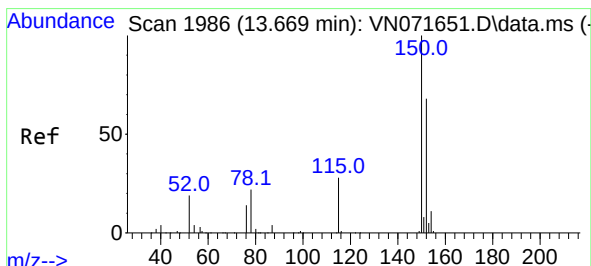
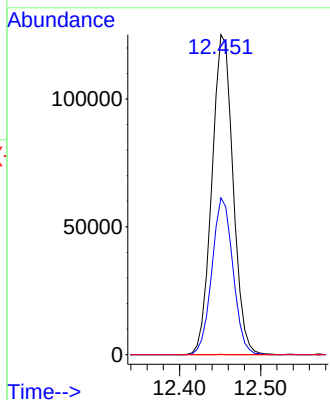
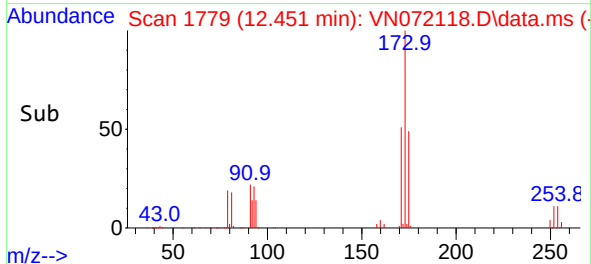
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



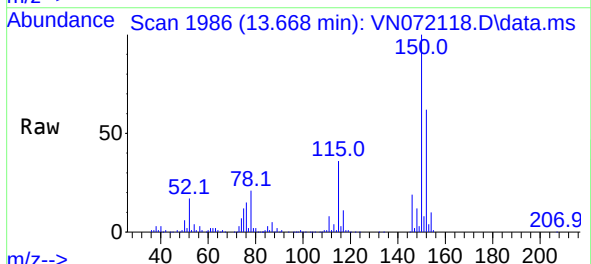
Tgt Ion:173 Resp: 227110
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

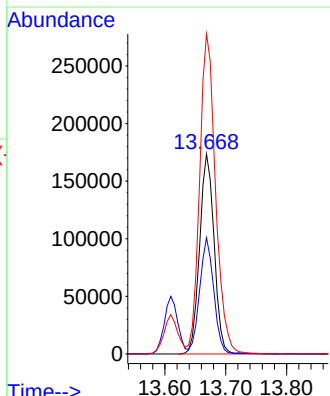
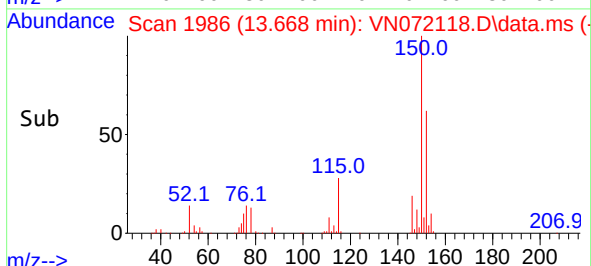
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

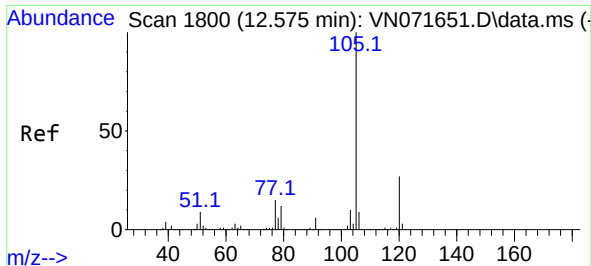


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52



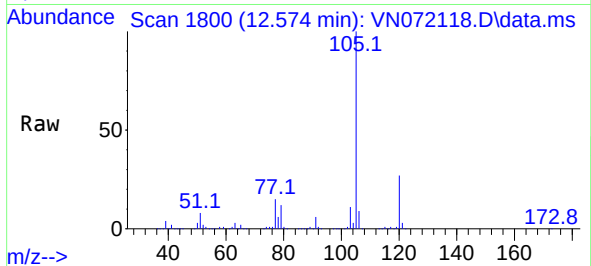
Tgt Ion:152 Resp: 288419
Ion Ratio Lower Upper
152 100
115 56.3 28.9 86.7
150 175.6 0.0 356.2





#73
Isopropylbenzene
Concen: 54.325 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. -0.001 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

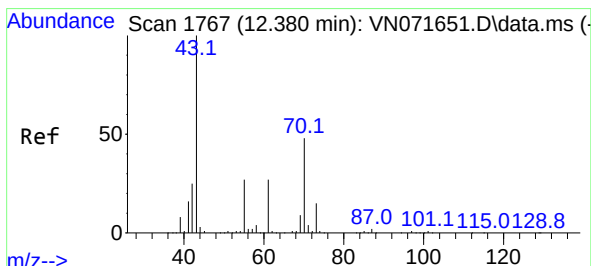
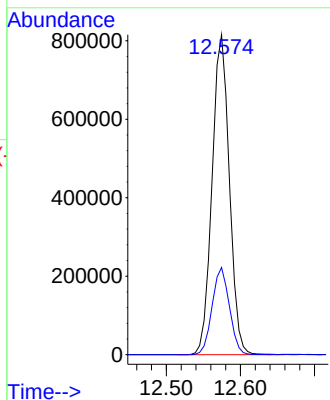
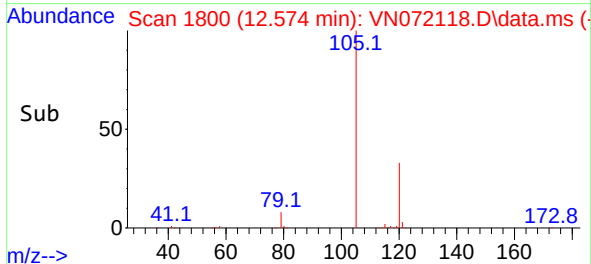
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



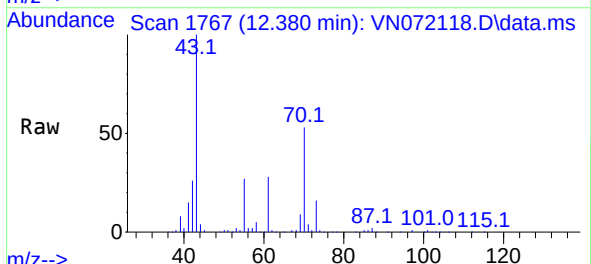
Tgt Ion:105 Resp: 1320319
Ion Ratio Lower Upper
105 100
120 27.2 13.5 40.4

Manual Integrations
APPROVED

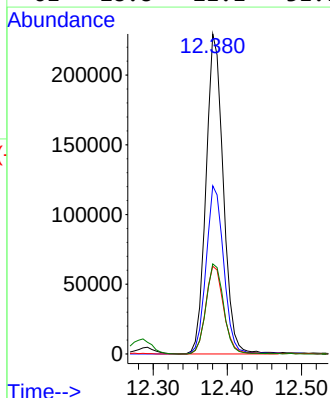
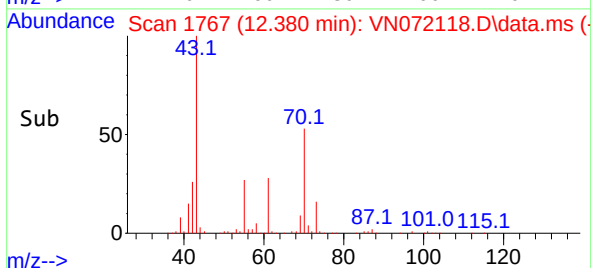
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

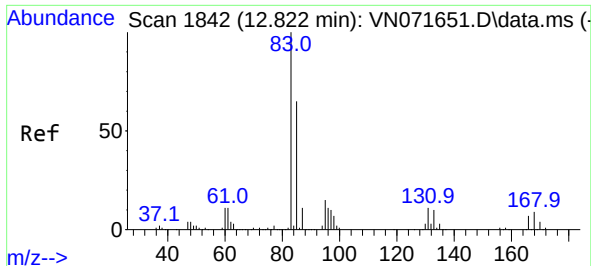


#74
N-ethyl acetate
Concen: 53.368 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52



Tgt Ion: 43 Resp: 371638
Ion Ratio Lower Upper
43 100
70 53.5 39.0 58.4
55 28.4 21.1 31.7
61 28.8 21.1 31.7





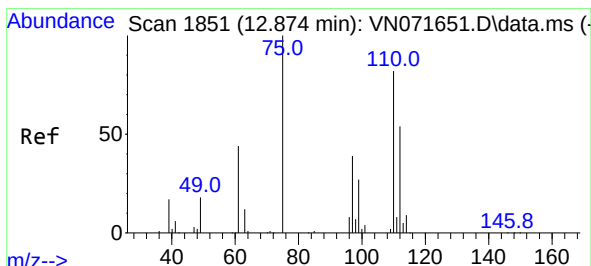
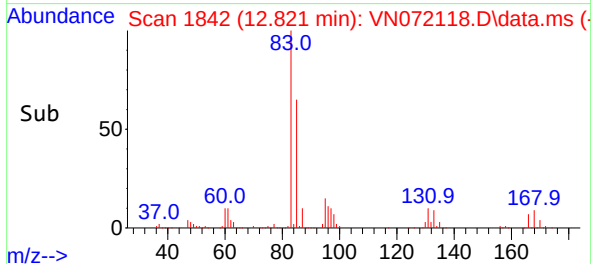
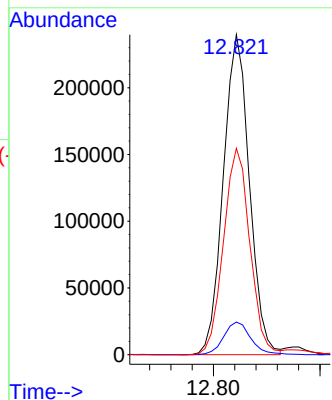
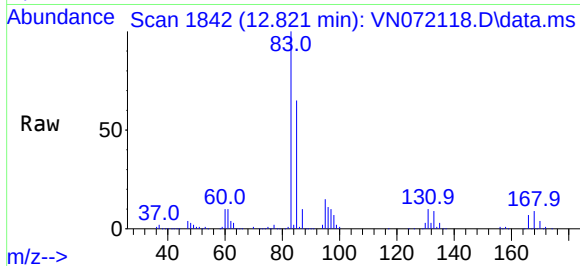
#75
1,1,2,2-Tetrachloroethane
Concen: 50.262 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. -0.001 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 83 Resp: 40758
Ion Ratio Lower Upper
83 100
131 10.6 5.3 15.9
85 65.1 32.3 96.9

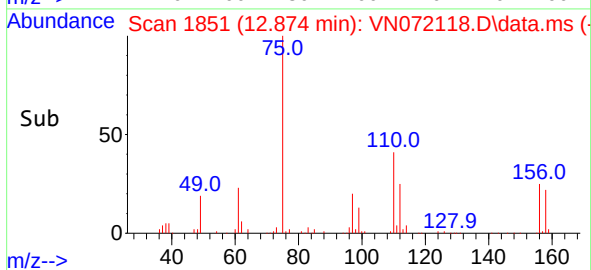
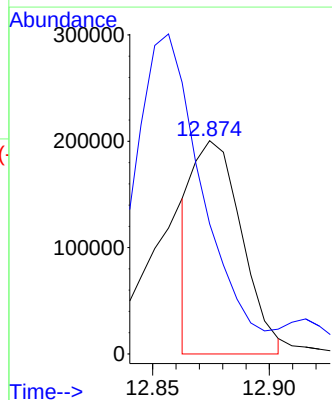
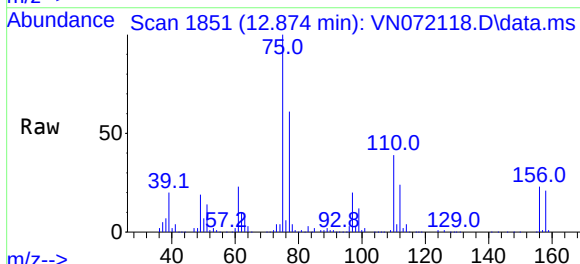
Manual Integrations
APPROVED

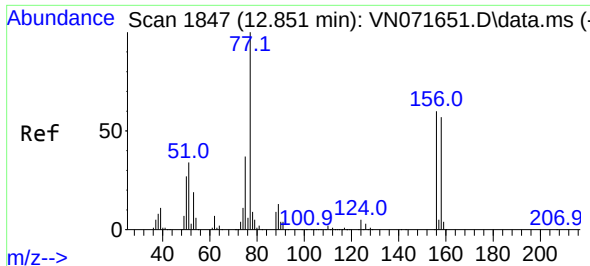
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#76
1,2,3-Trichloropropane
Concen: 43.650 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

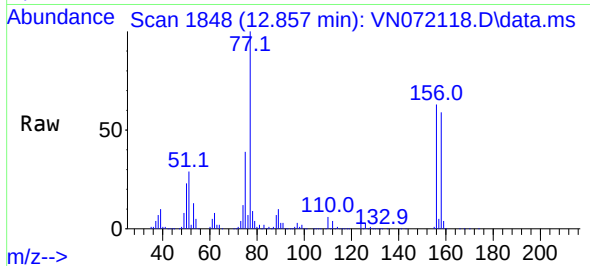
Tgt Ion: 75 Resp: 291646
Ion Ratio Lower Upper
75 100
77 210.2 98.5 295.5





#77
Bromobenzene
Concen: 52.416 ug/l
RT: 12.857 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

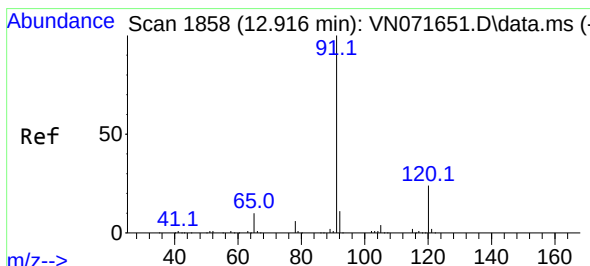
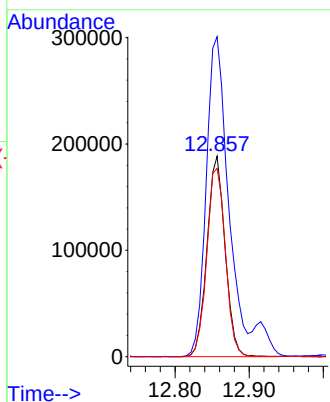
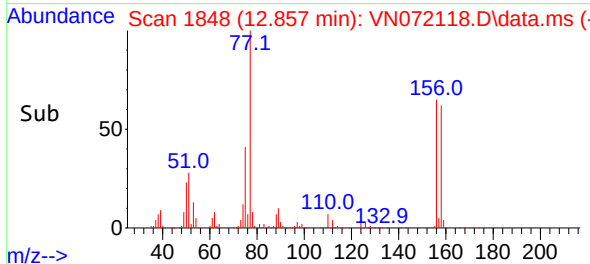
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



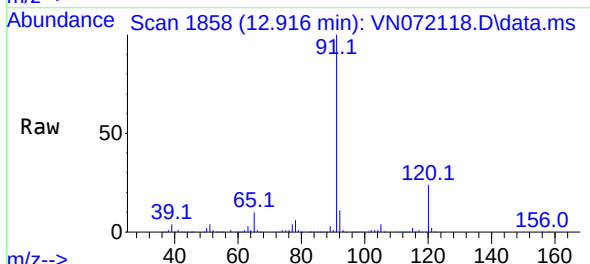
Tgt Ion:156 Resp: 31935
Ion Ratio Lower Upper
156 100
77 192.0 100.5 301.5
158 96.9 48.9 146.6

Manual Integrations
APPROVED

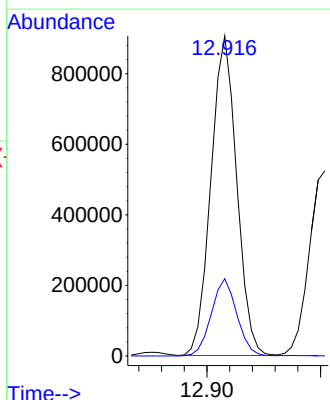
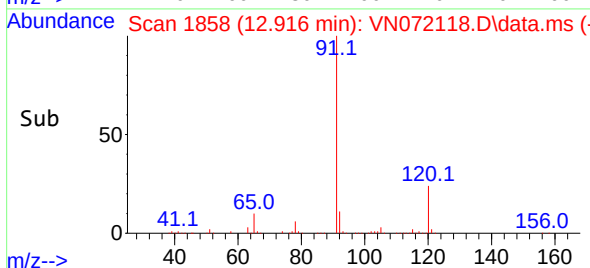
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

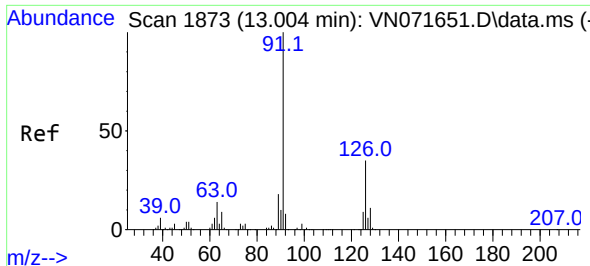


#78
n-propylbenzene
Concen: 55.737 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52



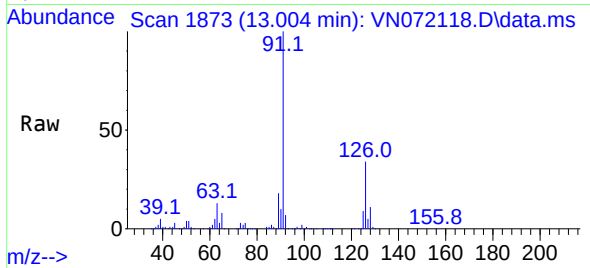
Tgt Ion: 91 Resp: 1424968
Ion Ratio Lower Upper
91 100
120 23.9 11.9 35.5





#79
2-Chlorotoluene
Concen: 53.455 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

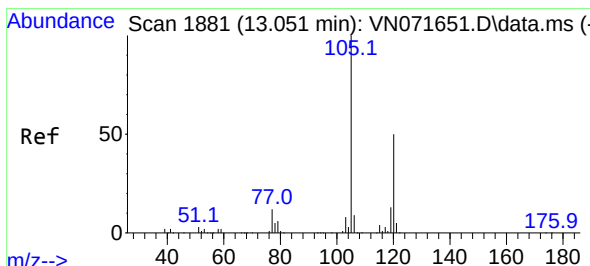
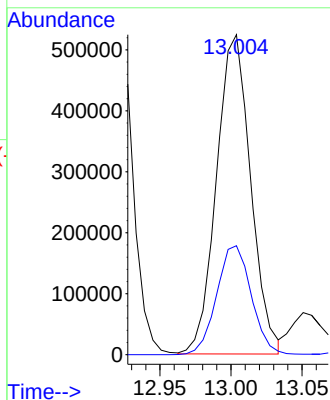
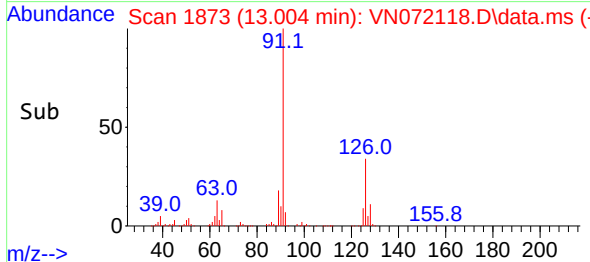
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



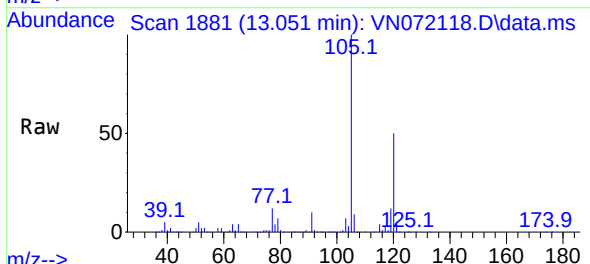
Tgt Ion: 91 Resp: 87644
Ion Ratio Lower Upper
91 100
126 34.7 17.3 51.9

Manual Integrations
APPROVED

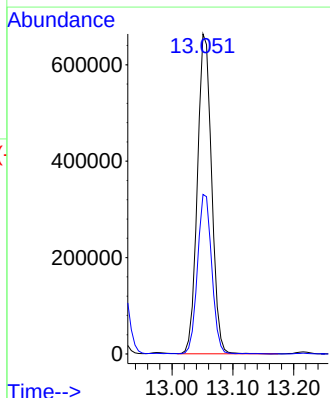
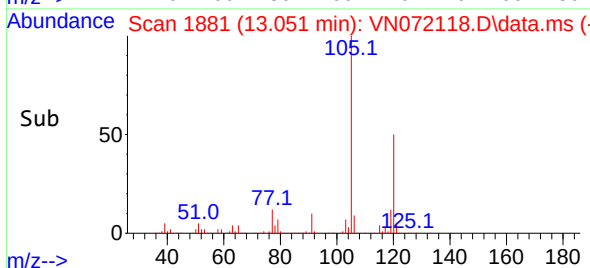
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

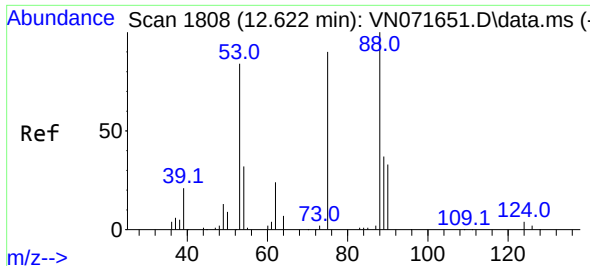


#80
1,3,5-Trimethylbenzene
Concen: 55.683 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52



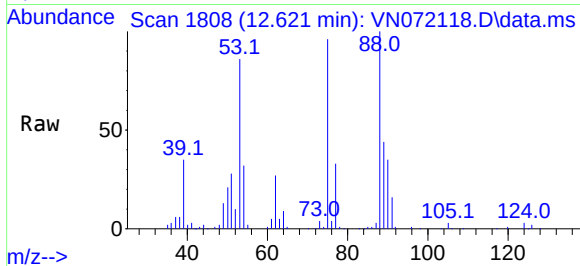
Tgt Ion:105 Resp: 1072267
Ion Ratio Lower Upper
105 100
120 50.1 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 54.504 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. -0.001 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

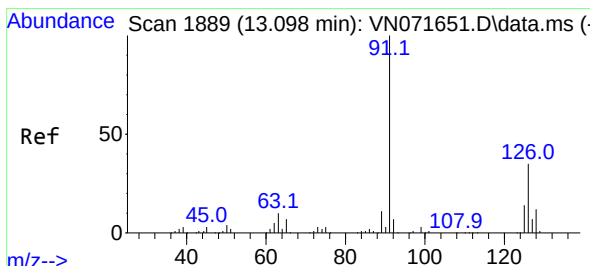
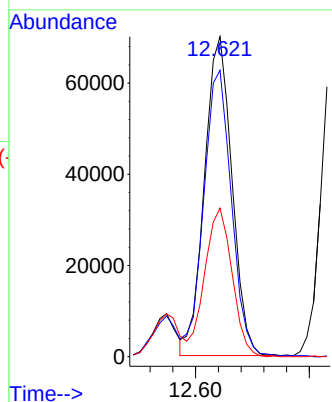
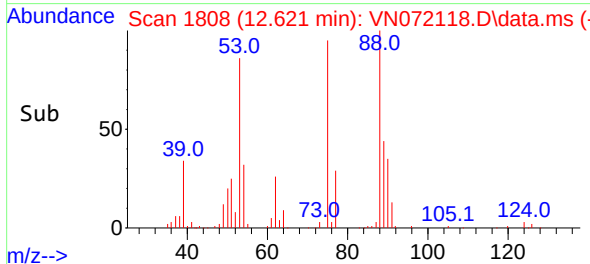
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



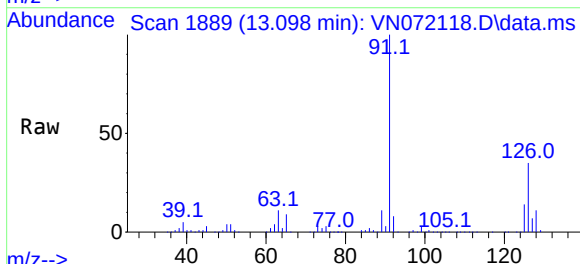
Tgt Ion: 75 Resp: 117512
Ion Ratio Lower Upper
75 100
53 91.2 78.0 117.0
89 46.2 37.2 55.8

Manual Integrations
APPROVED

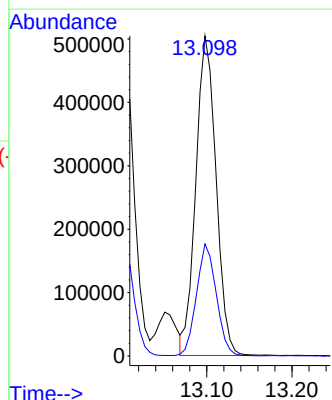
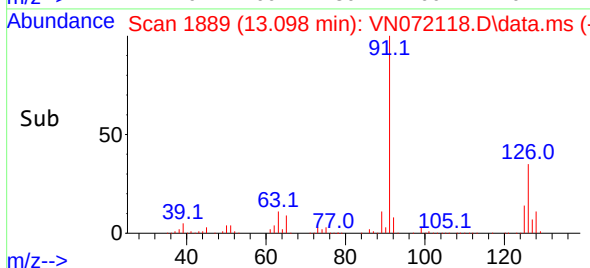
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

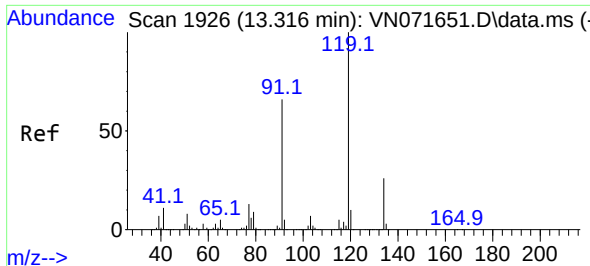


#82
4-Chlorotoluene
Concen: 54.669 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52



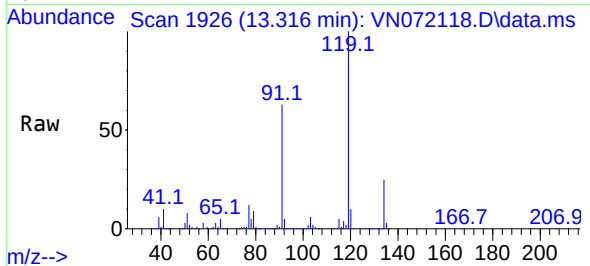
Tgt Ion: 91 Resp: 830835
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





#83
tert-Butylbenzene
Concen: 54.802 ug/l
RT: 13.316 min Scan# 1926
Delta R.T. -0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

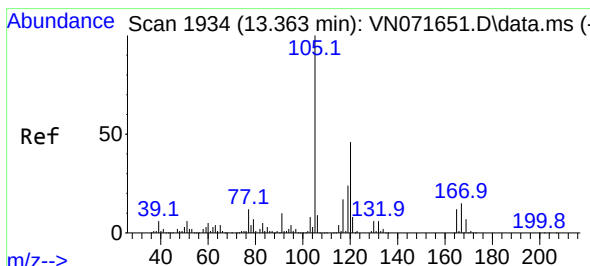
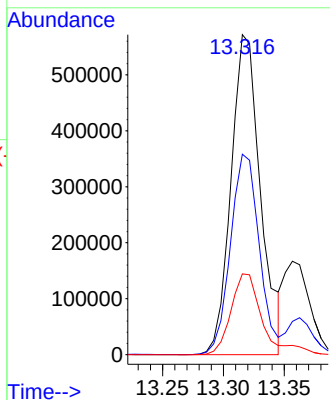
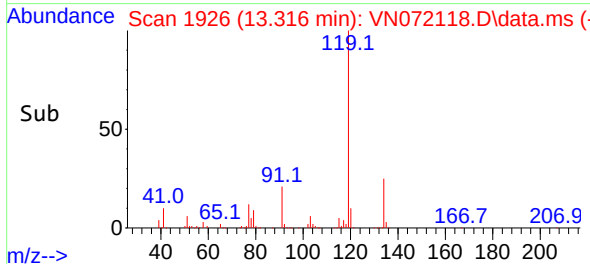
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



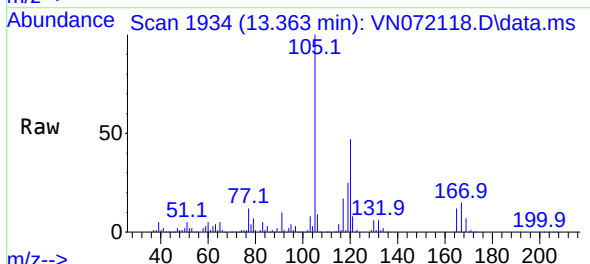
Tgt Ion:119 Resp: 964659
Ion Ratio Lower Upper
119 100
91 61.1 31.6 94.8
134 27.0 13.7 41.1

Manual Integrations
APPROVED

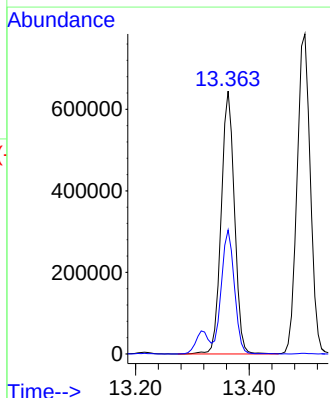
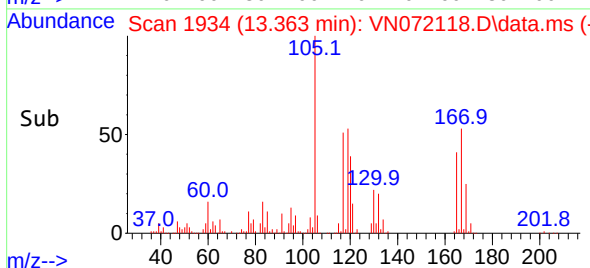
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

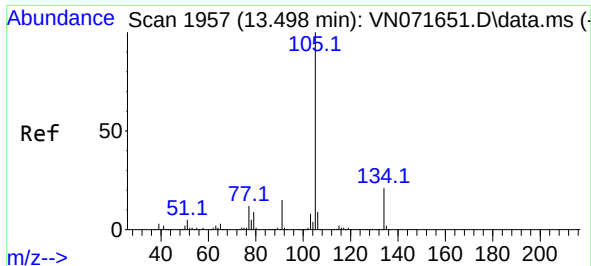


#84
1,2,4-Trimethylbenzene
Concen: 55.818 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52



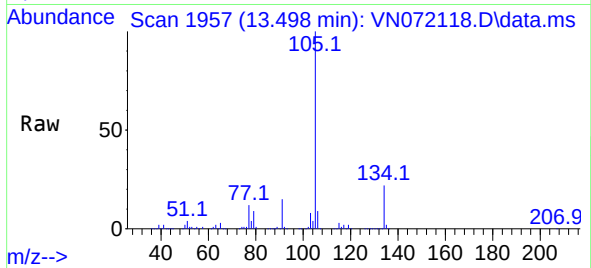
Tgt Ion:105 Resp: 1048741
Ion Ratio Lower Upper
105 100
120 46.6 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 55.662 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072118.D
 Acq: 21 Apr 2022 11:52

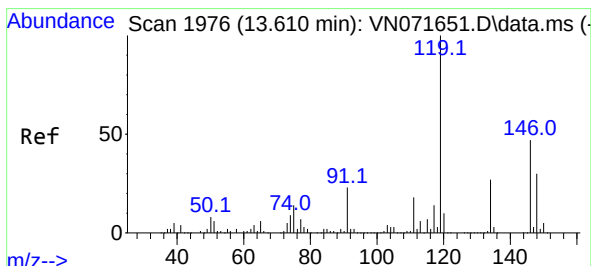
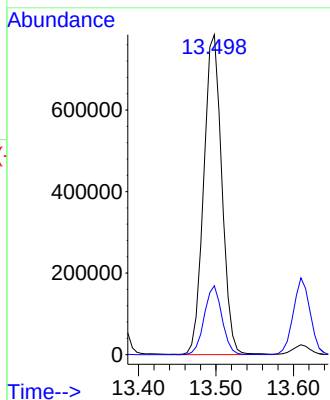
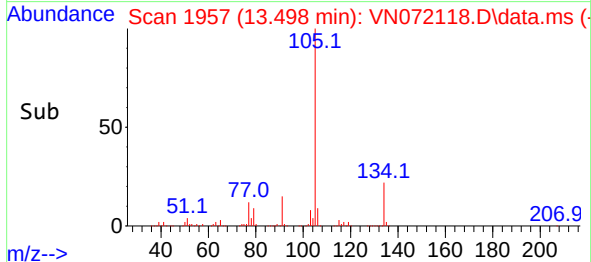
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



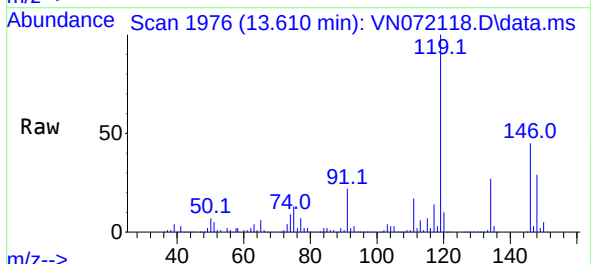
Tgt Ion:105 Resp: 1270129
 Ion Ratio Lower Upper
 105 100
 134 21.1 10.4 31.1

Manual Integrations
 APPROVED

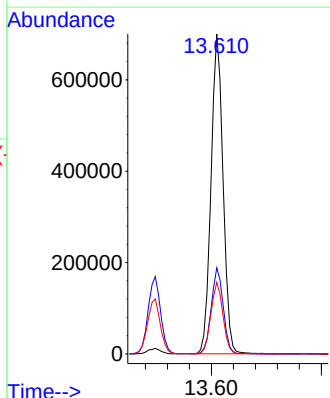
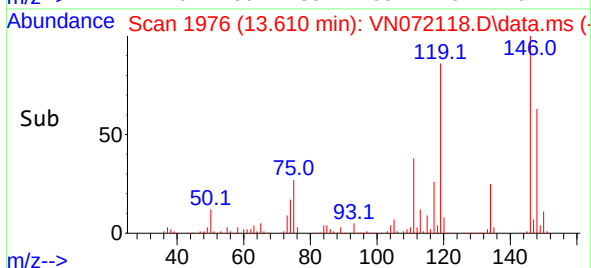
Reviewed By :John Carlone 04/22/2022
 Supervised By :Mahesh Dadoda 04/22/2022

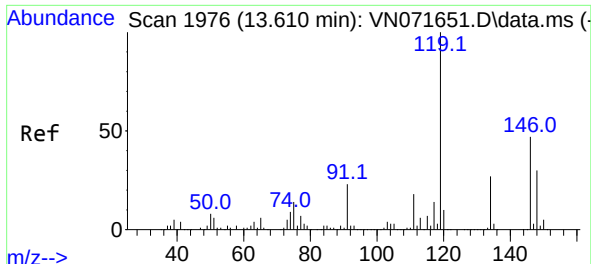


#86
 p-Isopropyltoluene
 Concen: 58.595 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072118.D
 Acq: 21 Apr 2022 11:52



Tgt Ion:119 Resp: 1066091
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 22.1 11.3 33.9





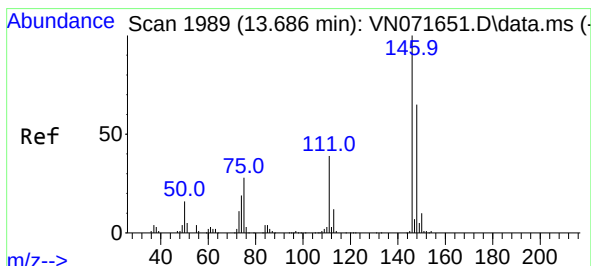
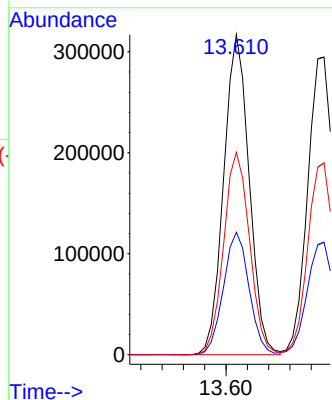
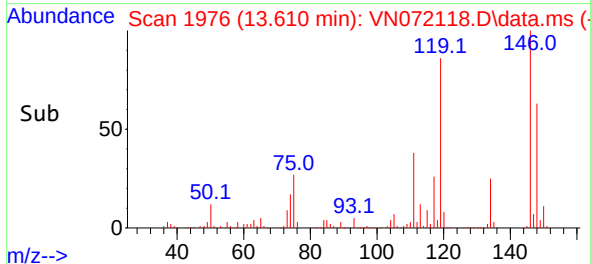
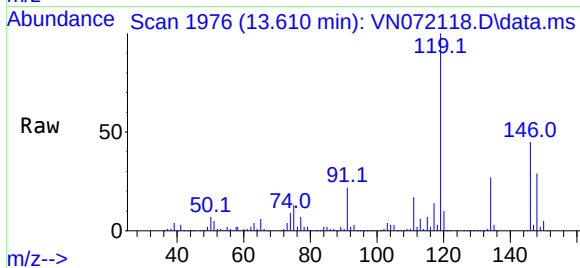
#87
1,3-Dichlorobenzene
Concen: 54.282 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050

Tgt Ion:146 Resp: 52688
Ion Ratio Lower Upper
146 100
111 38.5 20.0 60.0
148 64.5 32.0 96.0

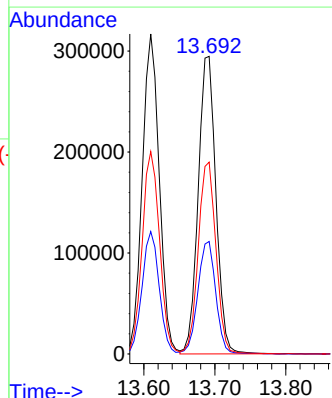
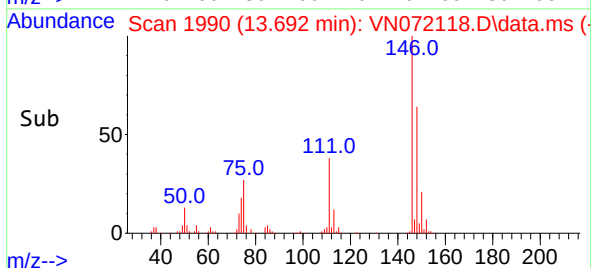
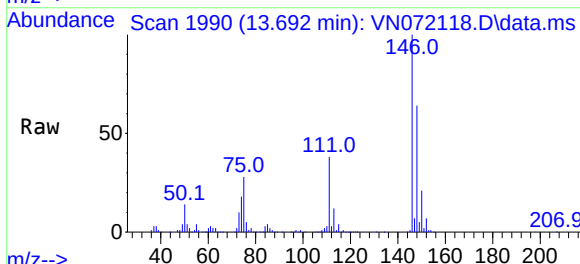
Manual Integrations
APPROVED

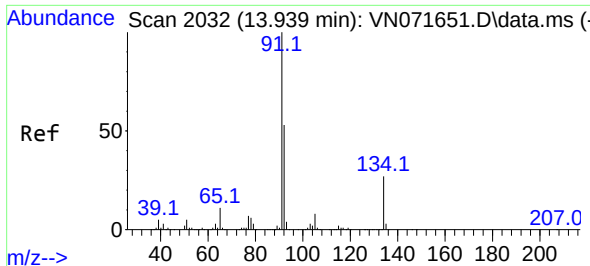
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#88
1,4-Dichlorobenzene
Concen: 54.141 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.006 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

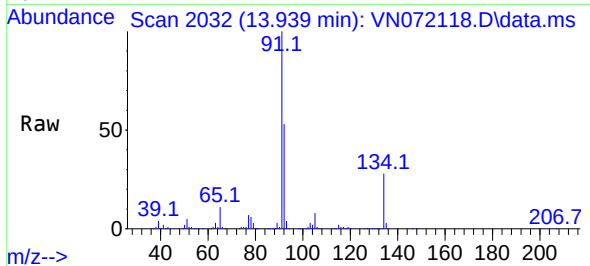
Tgt Ion:146 Resp: 512697
Ion Ratio Lower Upper
146 100
111 38.5 19.1 57.1
148 64.7 31.4 94.3





#89
n-Butylbenzene
Concen: 58.331 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

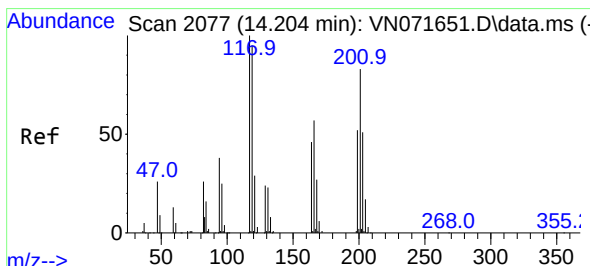
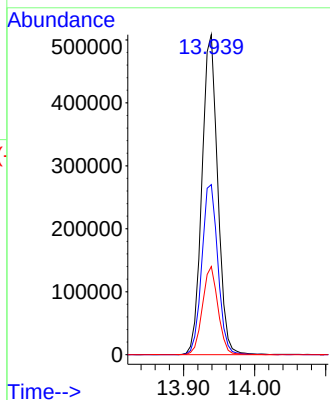
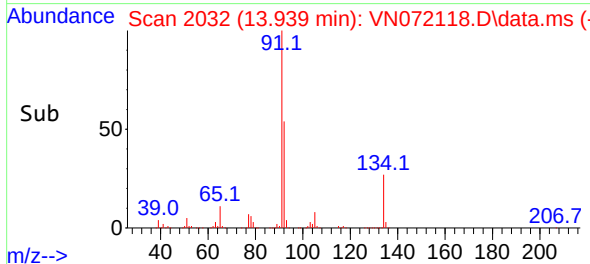
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



Tgt Ion: 91 Resp: 787144
Ion Ratio Lower Upper
91 100
92 54.2 26.9 80.7
134 27.2 13.6 40.8

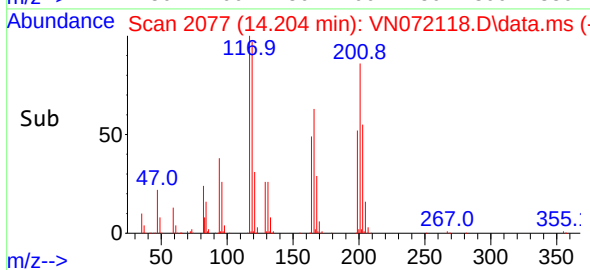
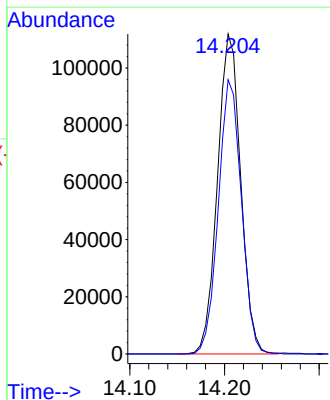
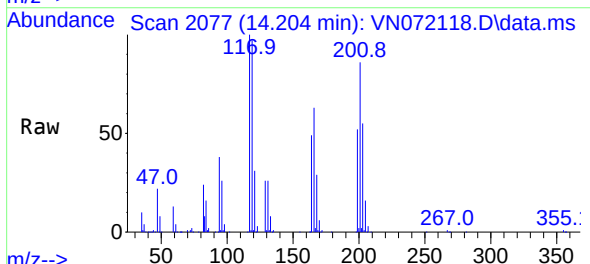
Manual Integrations
APPROVED

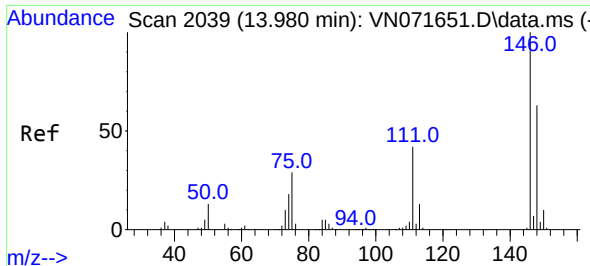
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#90
Hexachloroethane
Concen: 57.191 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

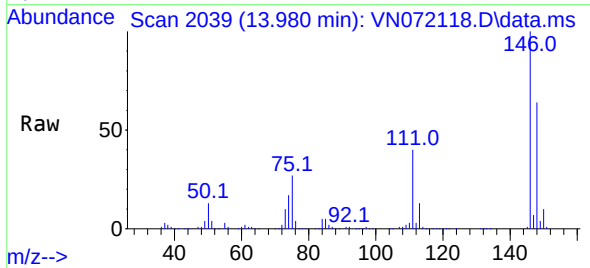
Tgt Ion:117 Resp: 190478
Ion Ratio Lower Upper
117 100
201 85.3 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 54.444 ug/l
RT: 13.980 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

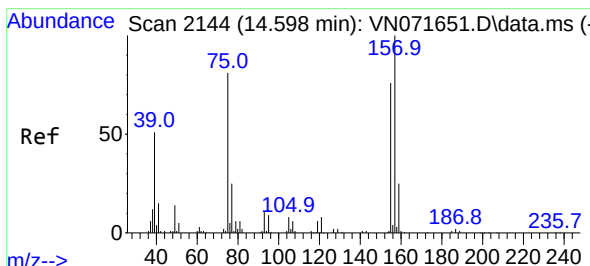
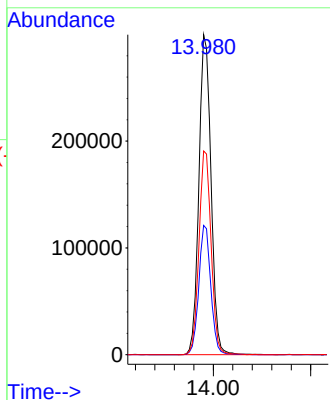
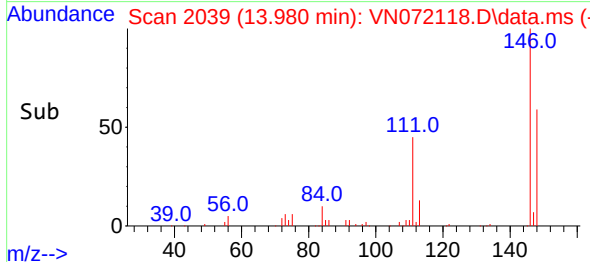
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



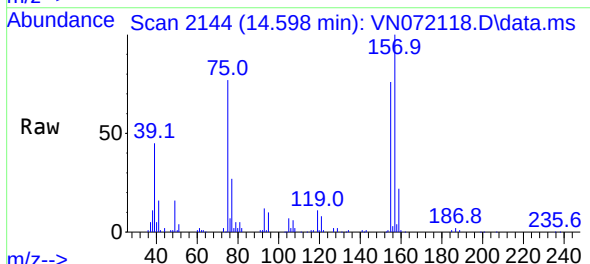
Tgt Ion:146 Resp: 518800
Ion Ratio Lower Upper
146 100
111 40.0 20.9 62.8
148 63.8 32.1 96.3

Manual Integrations
APPROVED

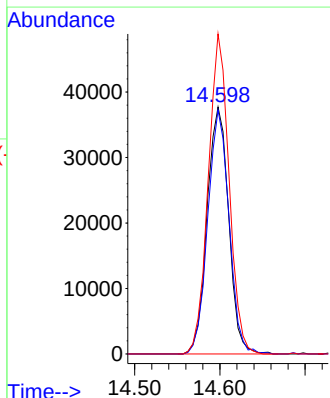
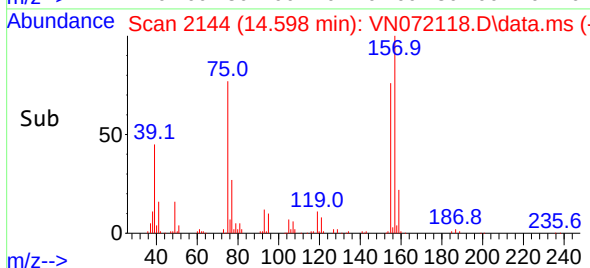
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

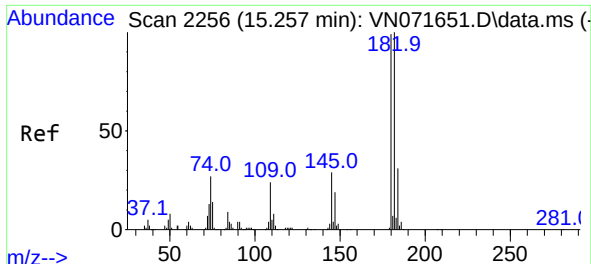


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.723 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52



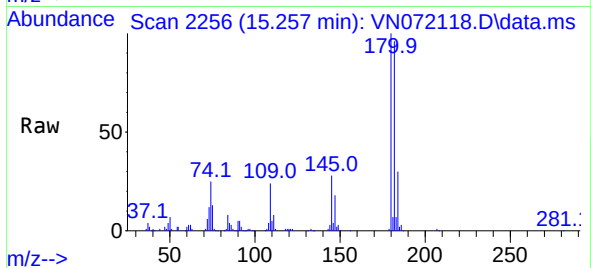
Tgt Ion: 75 Resp: 66317
Ion Ratio Lower Upper
75 100
155 97.2 44.9 134.5
157 124.9 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 52.328 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

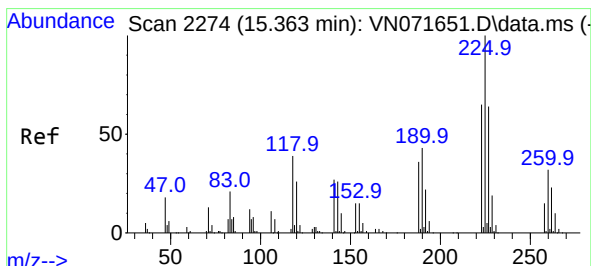
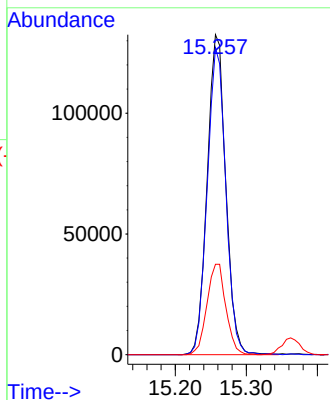
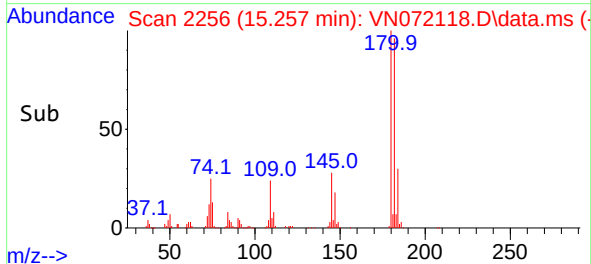
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



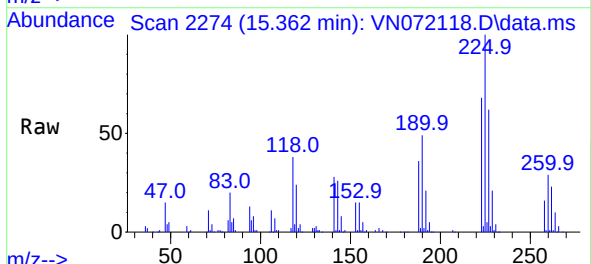
Tgt Ion:180 Resp: 240660
Ion Ratio Lower Upper
180 100
182 95.6 47.5 142.5
145 28.8 14.5 43.5

Manual Integrations
APPROVED

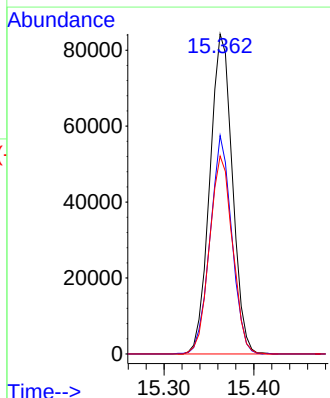
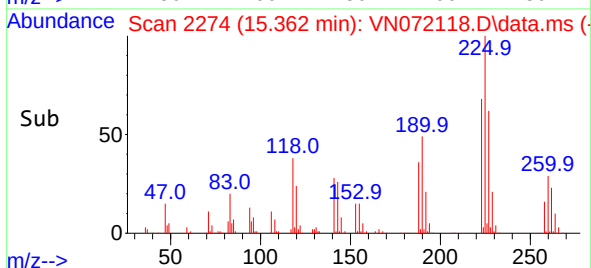
Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022

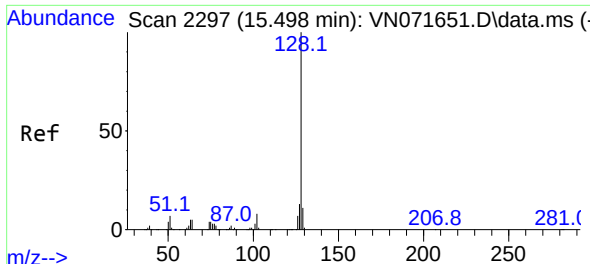


#94
Hexachlorobutadiene
Concen: 52.338 ug/l
RT: 15.362 min Scan# 2274
Delta R.T. -0.001 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52



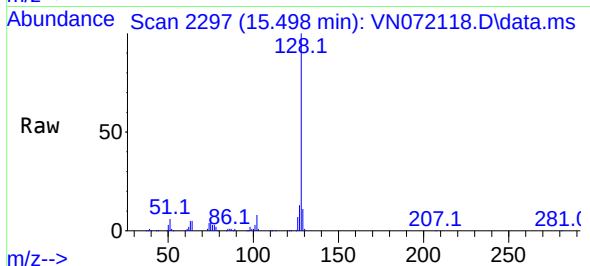
Tgt Ion:225 Resp: 147094
Ion Ratio Lower Upper
225 100
223 65.4 32.4 97.2
227 63.1 31.8 95.4





#95
Naphthalene
Concen: 51.685 ug/l
RT: 15.498 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52

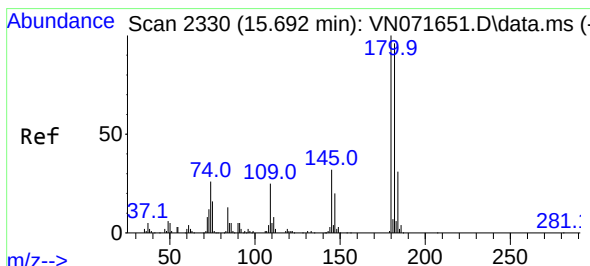
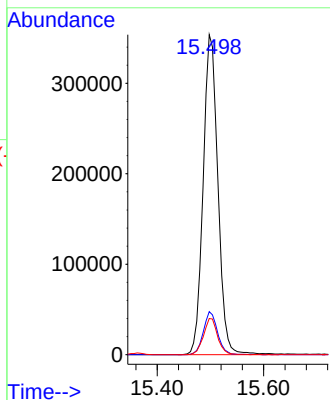
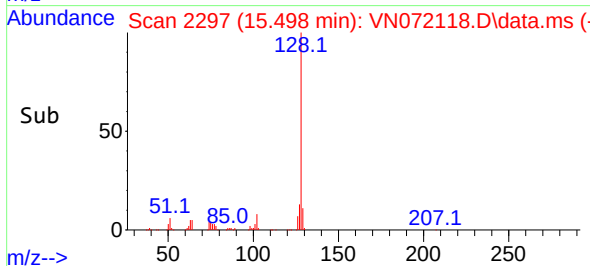
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



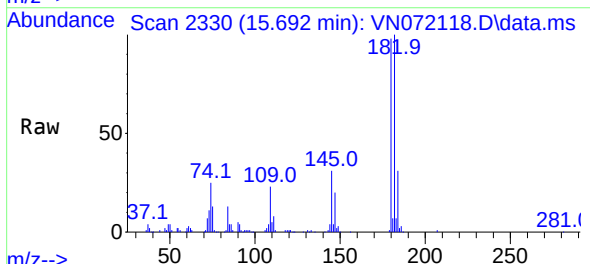
Tgt Ion:128 Resp: 680644
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 10.9 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/22/2022
Supervised By :Mahesh Dadoda 04/22/2022



#96
1,2,3-Trichlorobenzene
Concen: 53.584 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN072118.D
Acq: 21 Apr 2022 11:52



Tgt Ion:180 Resp: 239070
Ion Ratio Lower Upper
180 100
182 96.7 47.8 143.3
145 30.7 15.5 46.5

