

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
 Data File : VN072615.D
 Acq On : 25 May 2022 02:57
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2022
 Supervised By : Mahesh Dadoda 05/25/2022

Quant Time: May 25 09:26:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N052422W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 25 09:15:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	104537	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	168745	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	218394	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	103388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.428	65	67890	57.092	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 114.180%			
35) Dibromofluoromethane	8.016	113	52476	47.981	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.960%			
50) Toluene-d8	10.439	98	193358	46.302	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 92.600%			
62) 4-Bromofluorobenzene	12.727	95	105723	77.840	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 155.680%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.063	85	57030	57.903	ug/l	99
3) Chloromethane	2.293	50	70471	62.932	ug/l	99
4) Vinyl Chloride	2.434	62	76581	78.690	ug/l	100
5) Bromomethane	2.810	94	35121	63.823	ug/l	99
6) Chloroethane	2.981	64	48800	84.803	ug/l	97
7) Trichlorofluoromethane	3.351	101	89902	54.604	ug/l	99
8) Diethyl Ether	3.816	74	36591	55.556	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.204	101	49058	49.304	ug/l	98
10) Methyl Iodide	4.410	142	40085	34.230	ug/l	90
11) Tert butyl alcohol	5.369	59	71151	317.754	ug/l	99
12) 1,1-Dichloroethene	4.169	96	47213	51.266	ug/l	95
13) Acrolein	4.034	56	33842	247.247	ug/l	94
14) Allyl chloride	4.834	41	93740	54.672	ug/l	93
15) Acrylonitrile	5.545	53	192453	270.286	ug/l	98
16) Acetone	4.275	43	178183	304.855	ug/l #	88
17) Carbon Disulfide	4.516	76	117913	50.521	ug/l	96
18) Methyl Acetate	4.845	43	95419	60.069	ug/l	90
19) Methyl tert-butyl Ether	5.610	73	193004	59.226	ug/l	97
20) Methylene Chloride	5.087	84	59265	50.634	ug/l	92
21) trans-1,2-Dichloroethene	5.592	96	50907	51.082	ug/l	95
22) Diisopropyl ether	6.487	45	208288	57.170	ug/l	97
23) Vinyl Acetate	6.428	43	936485	302.656	ug/l	94
24) 1,1-Dichloroethane	6.381	63	108198	55.062	ug/l	98
25) 2-Butanone	7.328	43	285278	289.262	ug/l #	87
26) 2,2-Dichloropropane	7.316	77	69717	46.076	ug/l	98
27) cis-1,2-Dichloroethene	7.316	96	64410	51.232	ug/l	97
28) Bromochloromethane	7.651	49	46175	56.959	ug/l	88
29) Tetrahydrofuran	7.675	42	182652	297.653	ug/l	88
30) Chloroform	7.816	83	112605	54.513	ug/l	93
31) Cyclohexane	8.086	56	93083	49.416	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	98675	57.034	ug/l	99
36) 1,1-Dichloropropene	8.216	75	78162	50.514	ug/l	98
37) Ethyl Acetate	7.404	43	111410	55.081	ug/l #	94
38) Carbon Tetrachloride	8.204	117	81564	49.938	ug/l	99
39) Methylcyclohexane	9.457	83	93332	48.951	ug/l	97
40) Benzene	8.457	78	243809	48.831	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	53445	52.516	ug/l	90
42) 1,2-Dichloroethane	8.528	62	90173	55.743	ug/l	97
43) Isopropyl Acetate	8.557	43	170472	59.436	ug/l	93
44) Trichloroethene	9.216	130	60386	47.035	ug/l	100
45) 1,2-Dichloropropane	9.486	63	63737	49.191	ug/l	100
46) Dibromomethane	9.575	93	43697	50.527	ug/l	97
47) Bromodichloromethane	9.757	83	89405	53.051	ug/l	100
48) Methyl methacrylate	9.557	41	84179	60.337	ug/l	88
49) 1,4-Dioxane	9.563	88	26311	988.134	ug/l #	93
51) 4-Methyl-2-Pentanone	10.327	43	561012	285.721	ug/l	91
52) Toluene	10.504	92	146096	46.206	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	90629	52.608	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	97669	50.348	ug/l #	89
55) 1,1,2-Trichloroethane	10.892	97	61496	46.881	ug/l	97
56) Ethyl methacrylate	10.757	69	105212	52.069	ug/l #	84
57) 1,3-Dichloropropane	11.039	76	109289	49.433	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	225346	260.642	ug/l	93
59) 2-Hexanone	11.080	43	397984	285.914	ug/l	89
60) Dibromochloromethane	11.233	129	66308	47.226	ug/l	98
61) 1,2-Dibromoethane	11.339	107	64792	47.375	ug/l	99
64) Tetrachloroethene	10.974	164	53187	32.963	ug/l	94
65) Chlorobenzene	11.763	112	222605	45.554	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	86786	46.973	ug/l	99
67) Ethyl Benzene	11.839	91	412341	49.572	ug/l	100
68) m/p-Xylenes	11.951	106	303485	95.721	ug/l	99
69) o-Xylene	12.274	106	185686	60.585	ug/l	97
70) Styrene	12.292	104	302105	60.908	ug/l	98
71) Bromoform	12.451	173	87633	57.706	ug/l #	99
73) Isopropylbenzene	12.574	105	479064	52.018	ug/l	100
74) N-amyl acetate	12.380	43	187015	56.574	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.821	83	149757	46.046	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	133860m	47.689	ug/l	
77) Bromobenzene	12.857	156	116125	50.829	ug/l	96
78) n-propylbenzene	12.916	91	523555	51.270	ug/l	99
79) 2-Chlorotoluene	13.004	91	312960	49.608	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	357882	49.960	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.621	75	45332	47.395	ug/l	96
82) 4-Chlorotoluene	13.098	91	285669	49.518	ug/l	99
83) tert-Butylbenzene	13.315	119	348318	52.216	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	361664	51.486	ug/l	99
85) sec-Butylbenzene	13.498	105	468040	52.467	ug/l	100
86) p-Isopropyltoluene	13.610	119	371540	52.824	ug/l	97
87) 1,3-Dichlorobenzene	13.610	146	187231	48.558	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	181516	47.983	ug/l	98
89) n-Butylbenzene	13.939	91	283195	49.901	ug/l	99
90) Hexachloroethane	14.204	117	68173	49.028	ug/l	94
91) 1,2-Dichlorobenzene	13.986	146	184120	49.849	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	28248	50.952	ug/l	93
93) 1,2,4-Trichlorobenzene	15.257	180	85736	44.068	ug/l	99
94) Hexachlorobutadiene	15.362	225	43266	37.685	ug/l	99
95) Naphthalene	15.498	128	269316	41.856	ug/l	99
96) 1,2,3-Trichlorobenzene	15.698	180	57666	27.684	ug/l	99

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QLast Update : Wed May 25 09:15:20 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

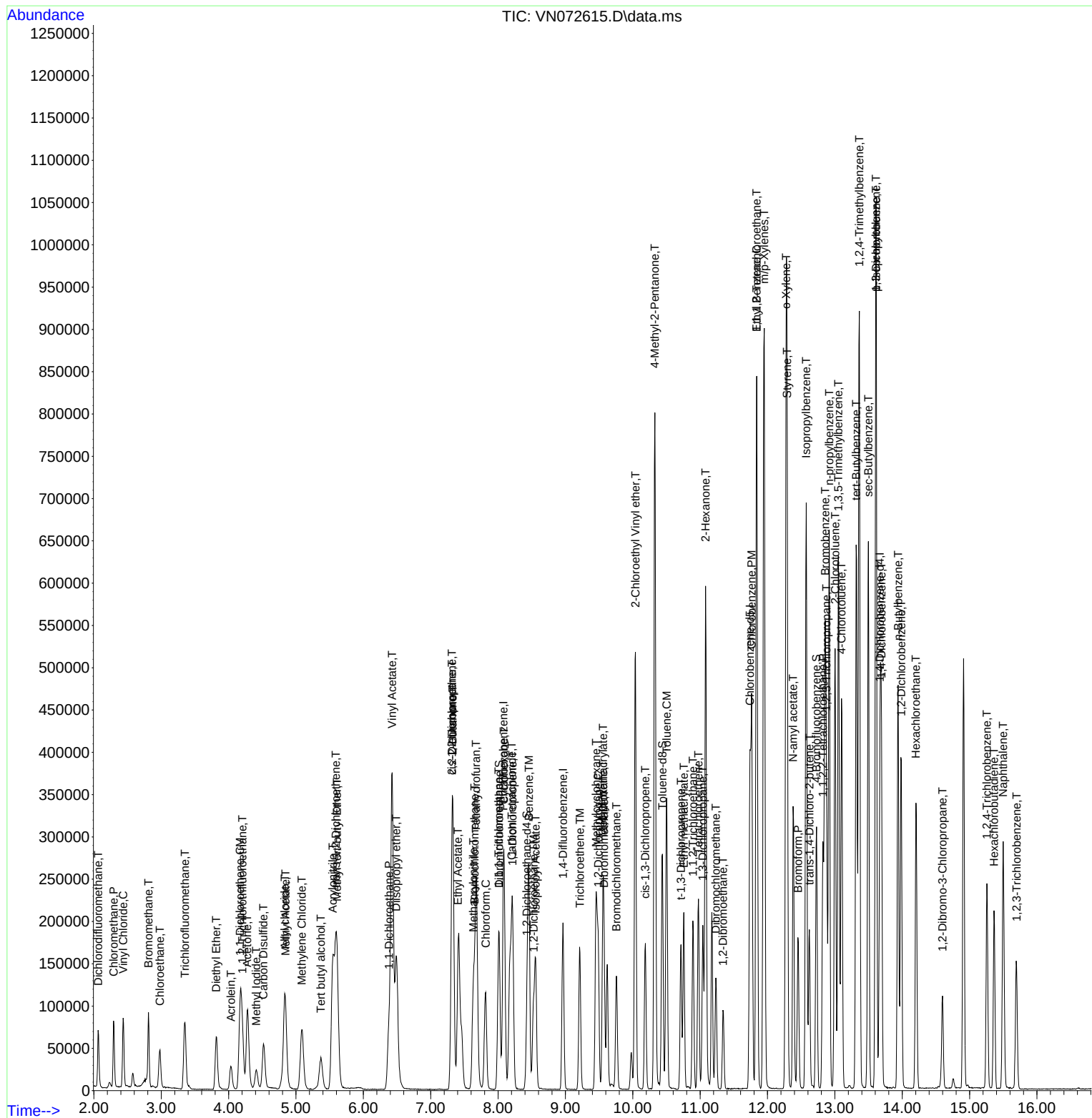
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052422\
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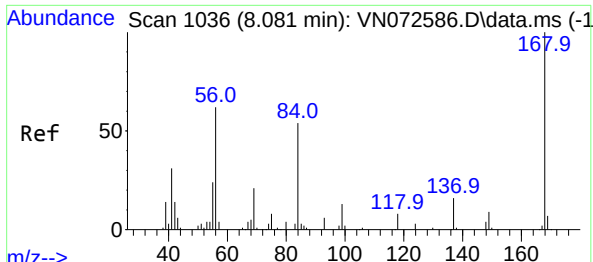
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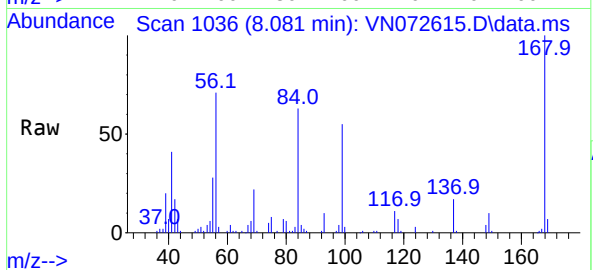
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

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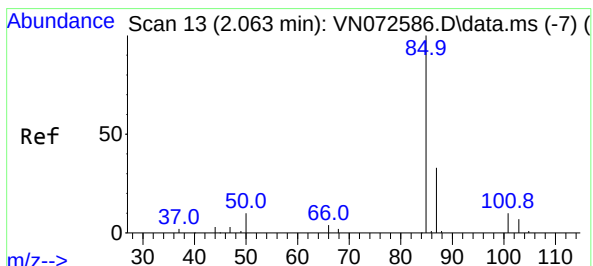
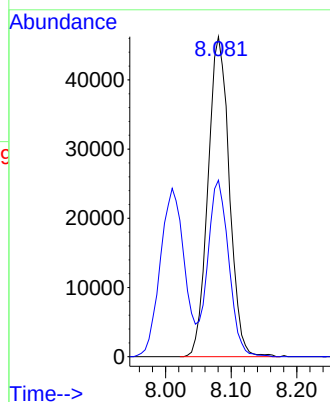
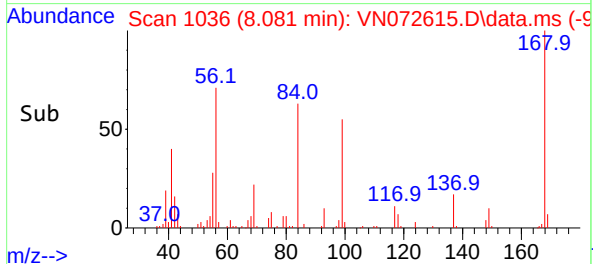


Tgt Ion:168 Resp: 10453
Ion Ratio Lower Upper
168 100
99 55.2 42.3 63.5

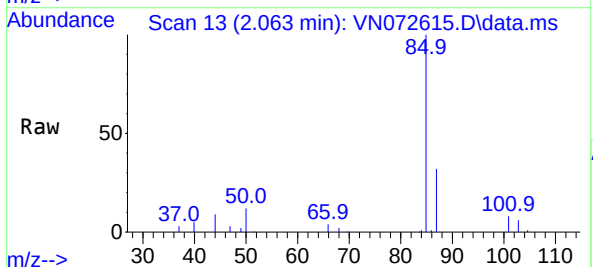
Manual Integrations

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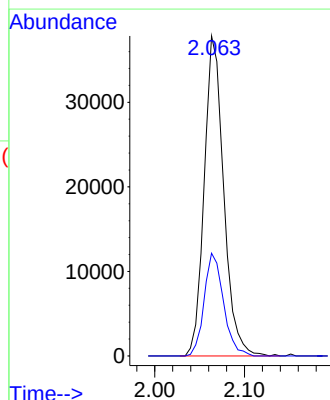
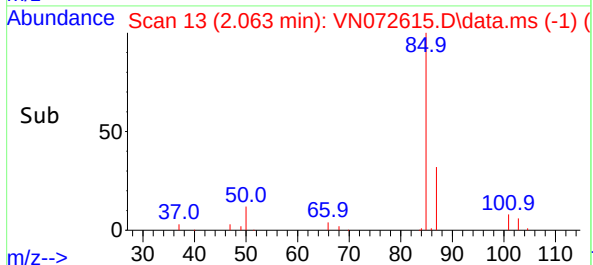
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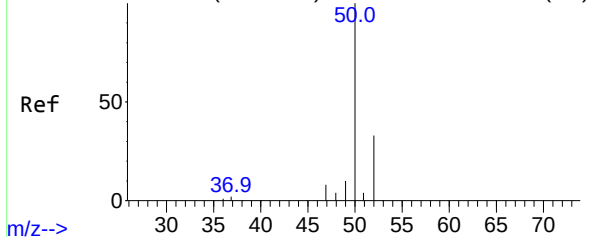
#2
Dichlorodifluoromethane
Concen: 57.903 ug/l
RT: 2.063 min Scan# 13
Delta R.T. 0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57



Tgt Ion: 85 Resp: 57030
Ion Ratio Lower Upper
85 100
87 32.1 15.7 47.1



Abundance Scan 52 (2.293 min): VN072586.D\data.ms (-46)



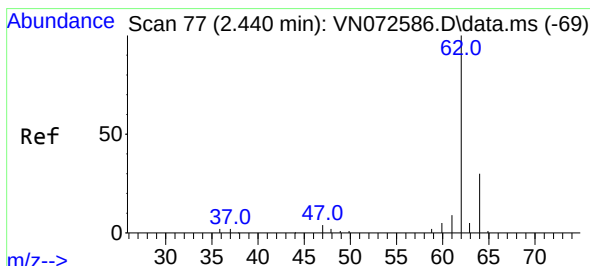
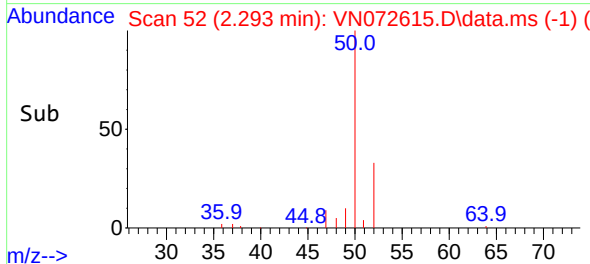
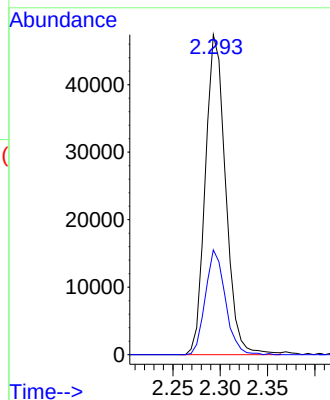
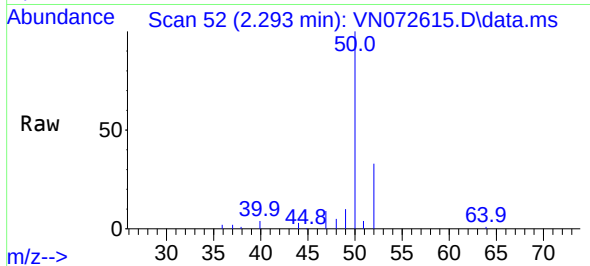
#3
Chloromethane
Concen: 62.932 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

Instrument :
MSVOA_N
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Tgt Ion: 50 Resp: 7047
Ion Ratio Lower Upper
50 100
52 32.7 25.7 38.5

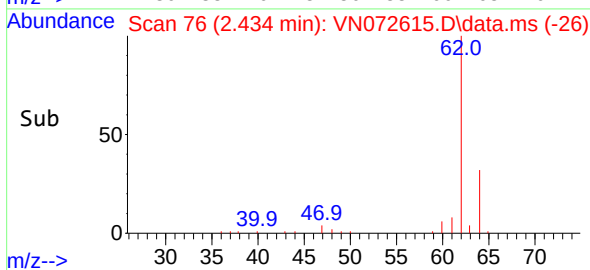
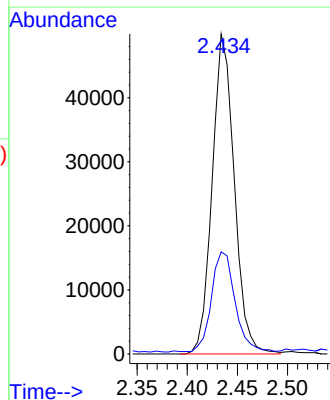
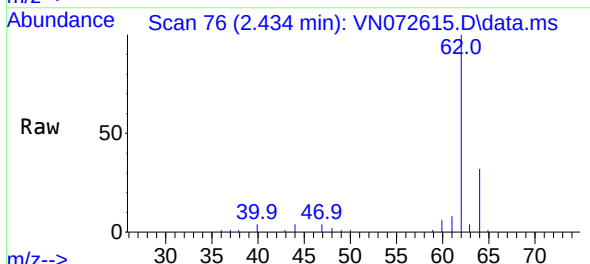
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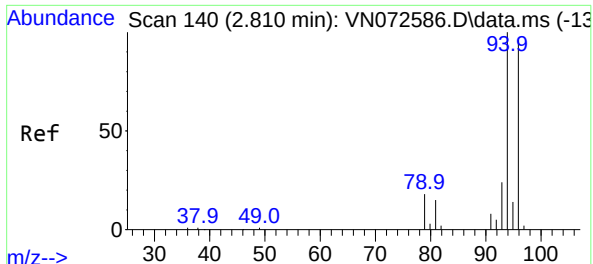
Reviewed By :John Carlone 05/25/2022
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#4
Vinyl Chloride
Concen: 78.690 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.006 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

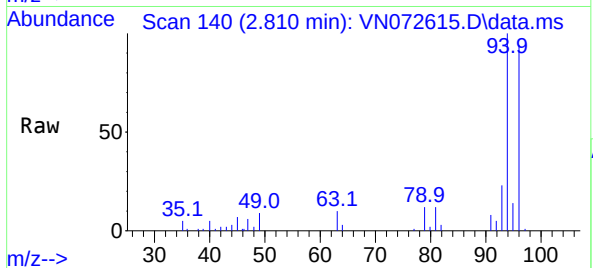
Tgt Ion: 62 Resp: 76581
Ion Ratio Lower Upper
62 100
64 31.2 25.0 37.4





#5
Bromomethane
Concen: 63.823 ug/l
RT: 2.810 min Scan# 140
Delta R.T. 0.000 min
Lab File: VN072615.D
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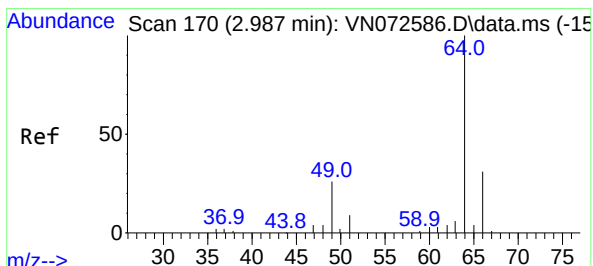
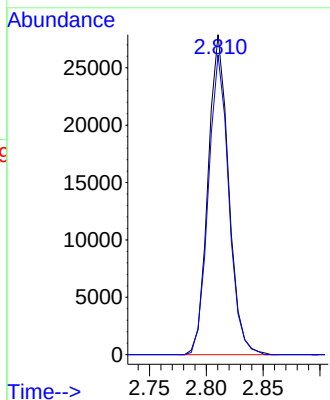
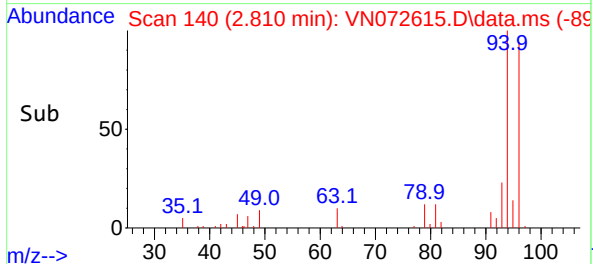
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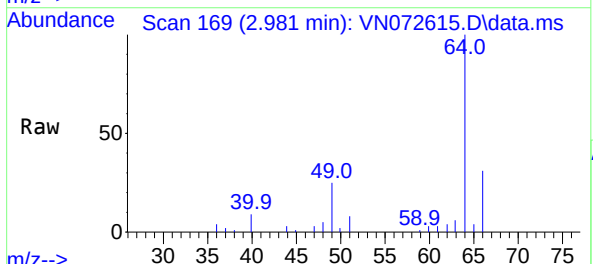
Tgt Ion: 94 Resp: 3512
Ion Ratio Lower Upper
94 100
96 93.7 76.0 114.0

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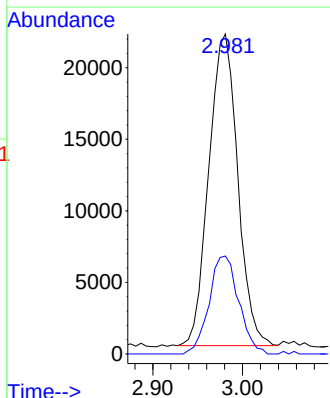
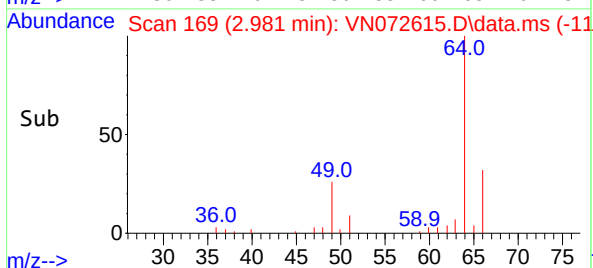
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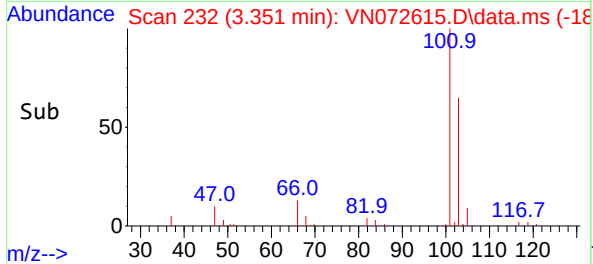
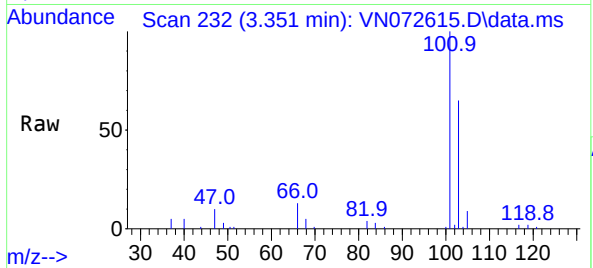
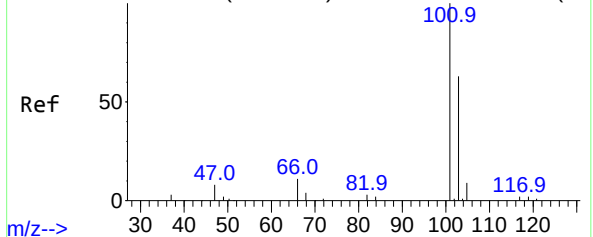
#6
Chloroethane
Concen: 84.803 ug/l
RT: 2.981 min Scan# 169
Delta R.T. -0.006 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57



Tgt Ion: 64 Resp: 48800
Ion Ratio Lower Upper
64 100
66 31.4 26.2 39.4



Abundance Scan 233 (3.357 min): VN072586.D\data.ms (-22



#7
Trichlorofluoromethane
Concen: 54.604 ug/l
RT: 3.351 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

Tgt Ion: 101 Resp: 89902
Ion Ratio Lower Upper
101 100
103 65.3 51.5 77.3

Instrument :

MSVOA_N

ClientSampleId :

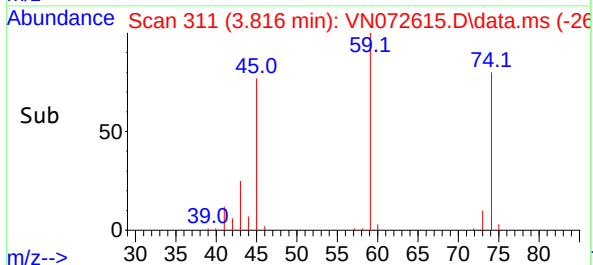
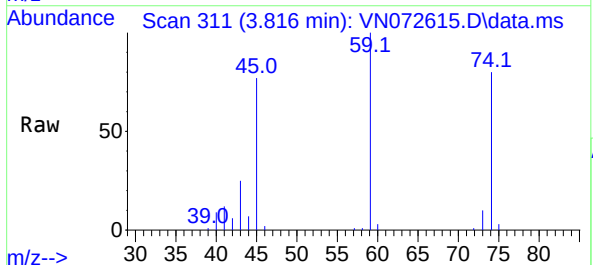
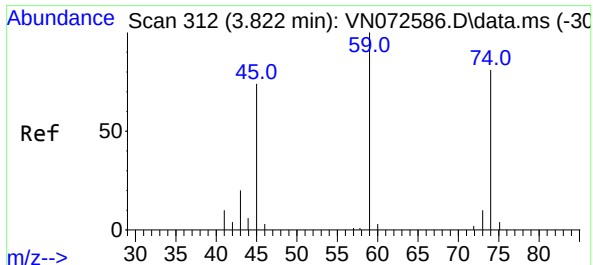
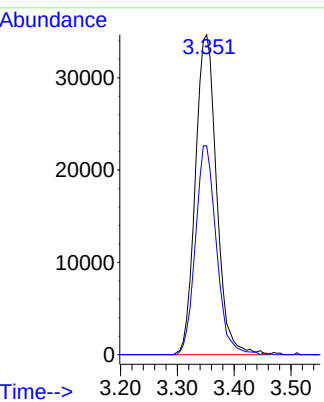
VSTDCCC050EC

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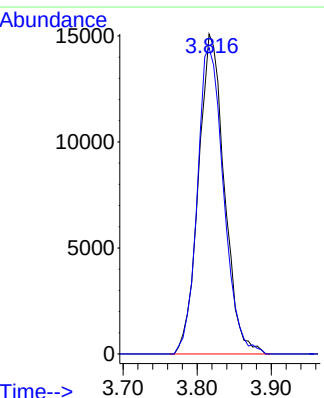
Reviewed By :John Carlone 05/25/2022

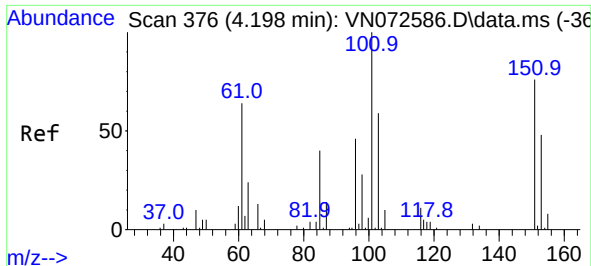
Supervised By :Mahesh Dadoda 05/25/2022



#8
Diethyl Ether
Concen: 55.556 ug/l
RT: 3.816 min Scan# 311
Delta R.T. -0.006 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

Tgt Ion: 74 Resp: 36591
Ion Ratio Lower Upper
74 100
45 97.3 42.9 128.5





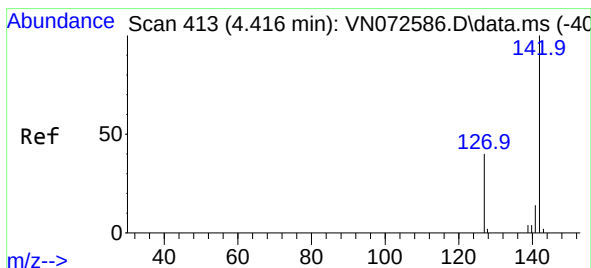
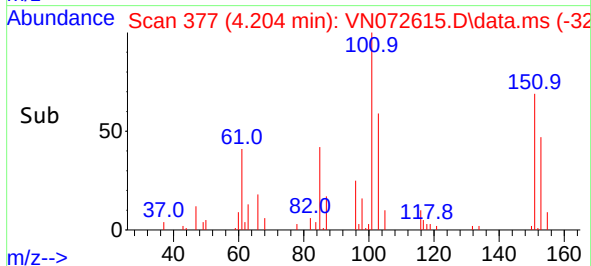
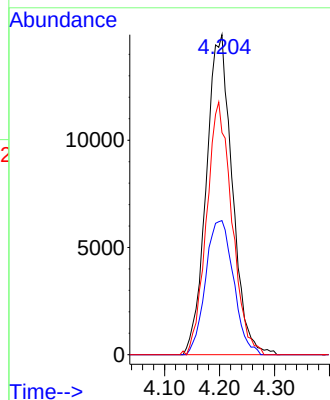
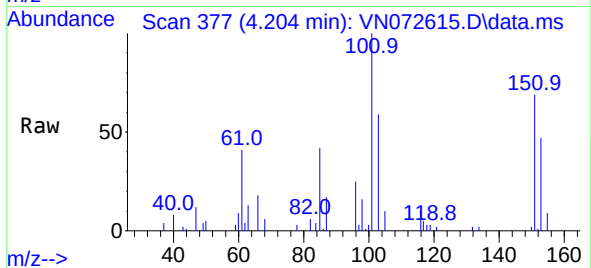
#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.304 ug/l
RT: 4.204 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 49058
Ion Ratio Lower Upper
101 100
85 44.9 34.7 52.1
151 77.1 63.0 94.4

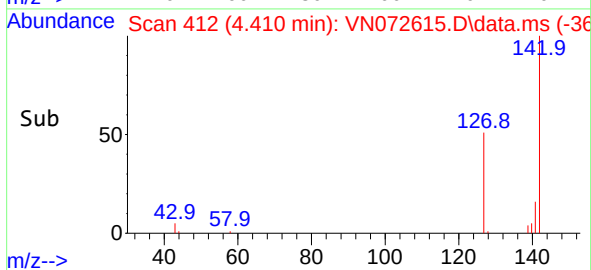
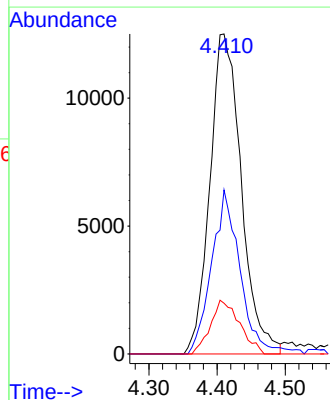
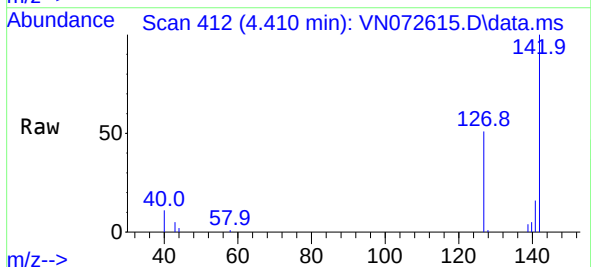
Manual Integrations
APPROVED

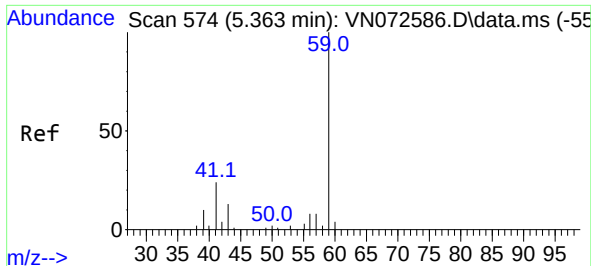
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#10
Methyl Iodide
Concen: 34.230 ug/l
RT: 4.410 min Scan# 412
Delta R.T. -0.006 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

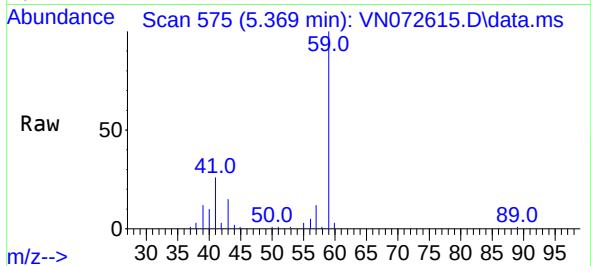
Tgt Ion:142 Resp: 40085
Ion Ratio Lower Upper
142 100
127 46.6 31.3 46.9
141 15.6 11.2 16.8





#11
Tert butyl alcohol
Concen: 317.754 ug/l
RT: 5.369 min Scan# 511
Delta R.T. 0.006 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

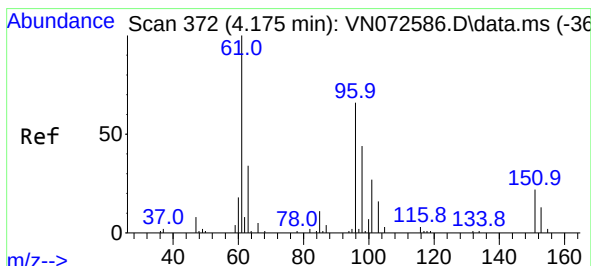
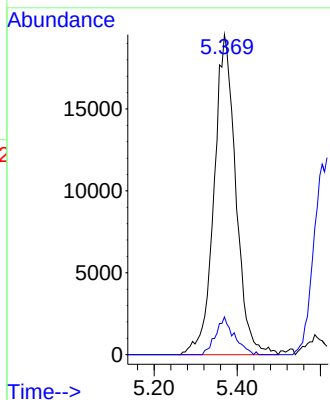
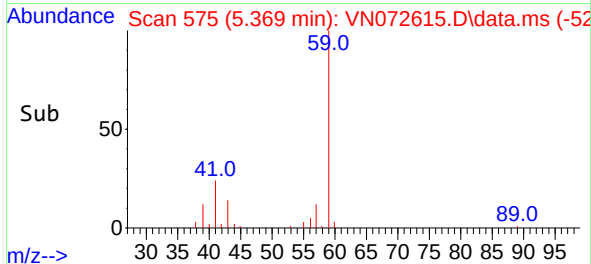
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



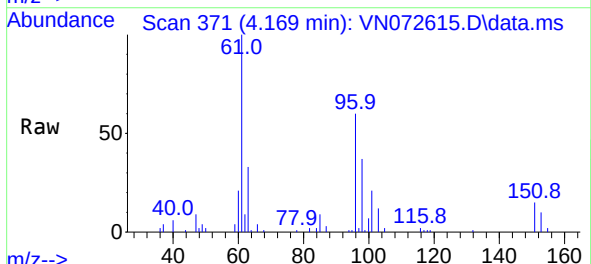
Tgt Ion: 59 Resp: 7115
Ion Ratio Lower Upper
59 100
57 10.0 8.3 12.5

Manual Integrations
APPROVED

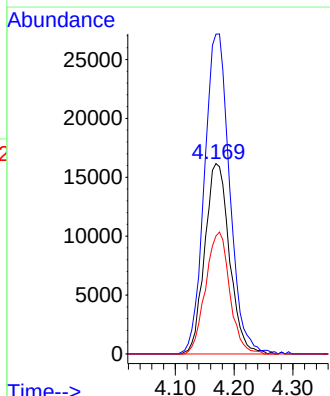
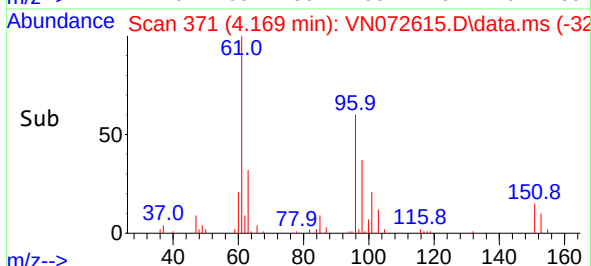
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

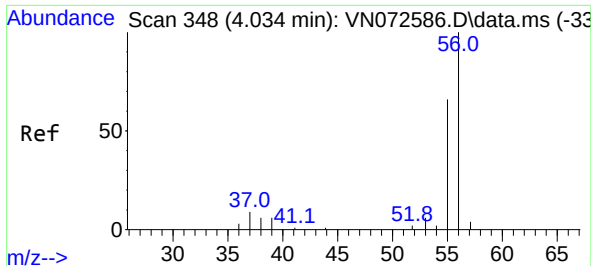


#12
1,1-Dichloroethene
Concen: 51.266 ug/l
RT: 4.169 min Scan# 371
Delta R.T. -0.006 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57



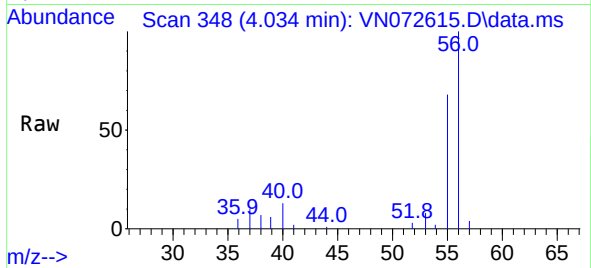
Tgt Ion: 96 Resp: 47213
Ion Ratio Lower Upper
96 100
61 167.9 127.6 191.4
98 61.9 51.2 76.8





#13
Acrolein
Concen: 247.247 ug/l
RT: 4.034 min Scan# 348
Delta R.T. -0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

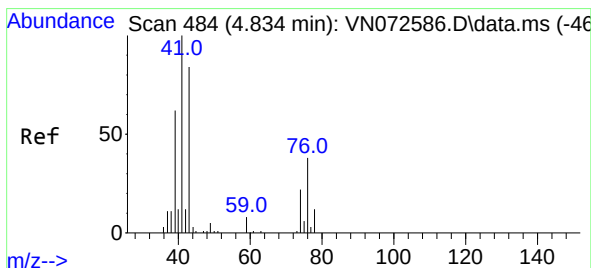
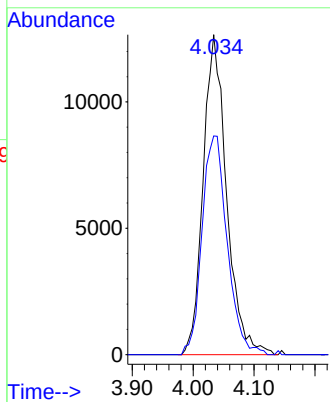
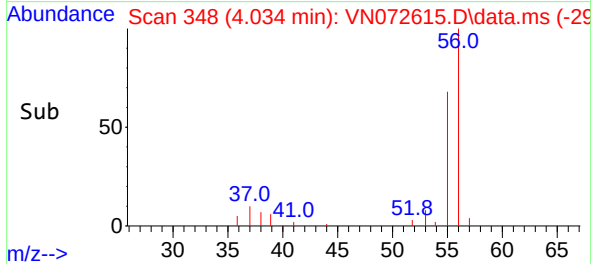
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



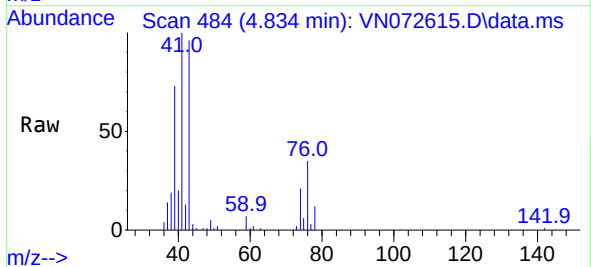
Tgt Ion: 56 Resp: 3384
Ion Ratio Lower Upper
56 100
55 73.5 54.8 82.2

Manual Integrations
APPROVED

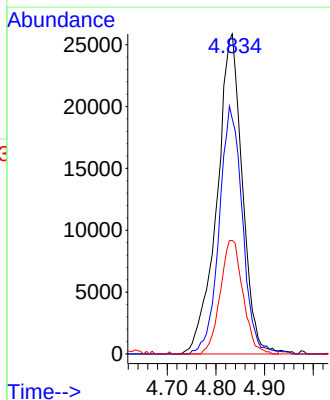
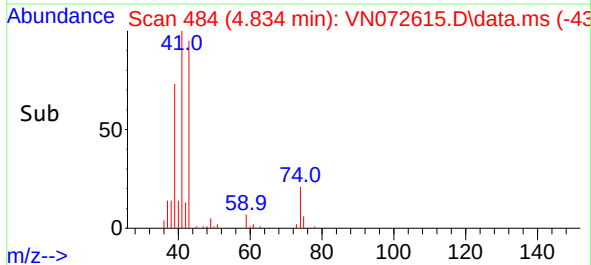
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

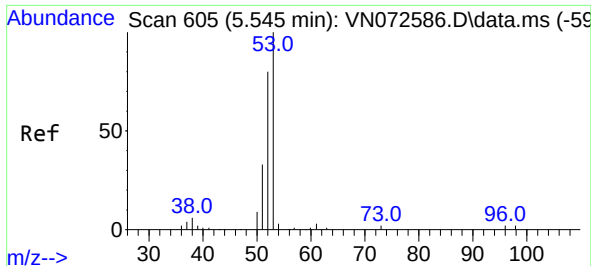


#14
Allyl chloride
Concen: 54.672 ug/l
RT: 4.834 min Scan# 484
Delta R.T. -0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57



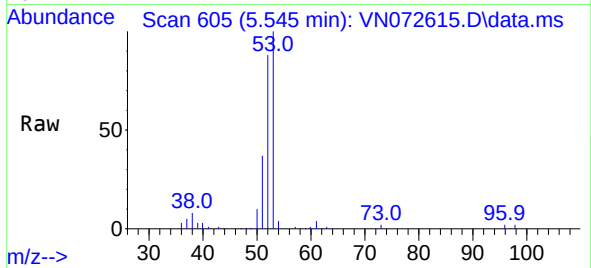
Tgt Ion: 41 Resp: 93740
Ion Ratio Lower Upper
41 100
39 70.8 53.2 79.8
76 31.7 29.9 44.9





#15
Acrylonitrile
Concen: 270.286 ug/l
RT: 5.545 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

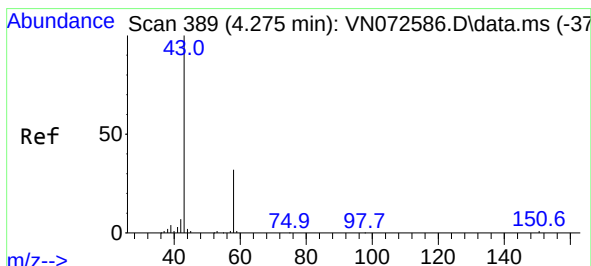
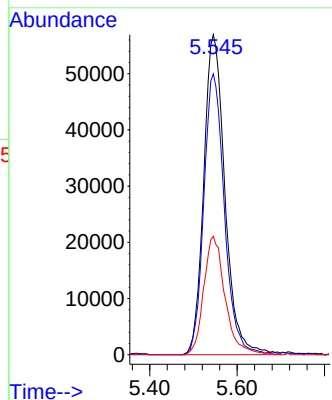
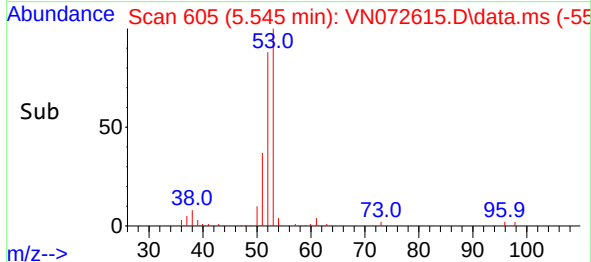
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



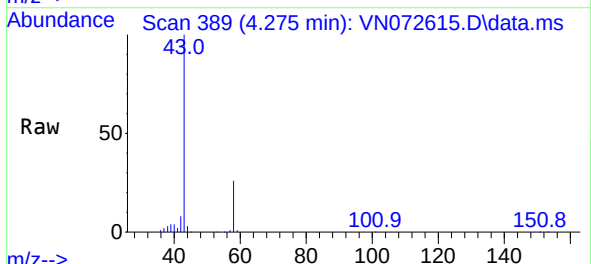
Tgt Ion: 53 Resp: 19245
Ion Ratio Lower Upper
53 100
52 85.0 66.4 99.6
51 37.2 28.5 42.7

Manual Integrations
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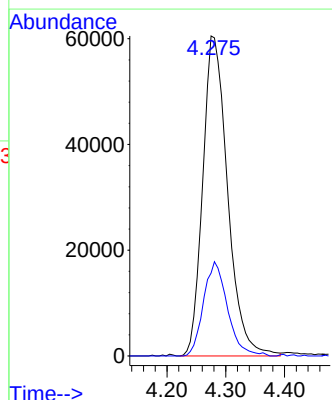
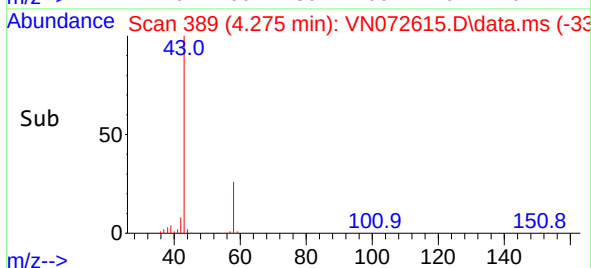
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

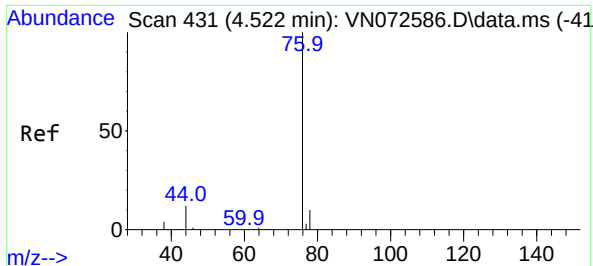


#16
Acetone
Concen: 304.855 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57



Tgt Ion: 43 Resp: 178183
Ion Ratio Lower Upper
43 100
58 25.9 26.0 39.0#





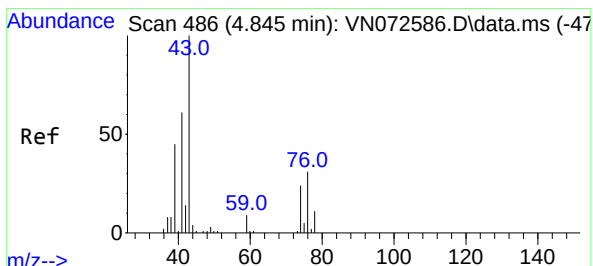
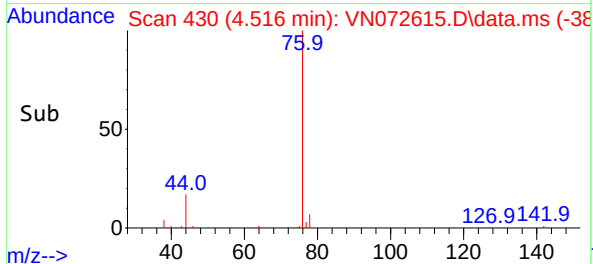
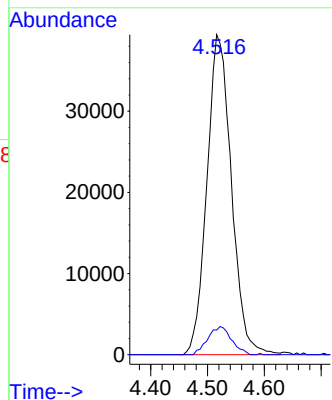
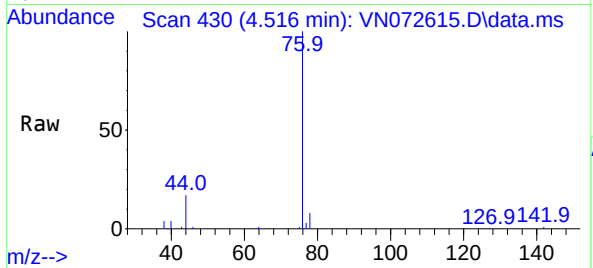
#17
Carbon Disulfide
Concen: 50.521 ug/l
RT: 4.516 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 76 Resp: 11791
Ion Ratio Lower Upper
76 100
78 7.7 7.2 10.8

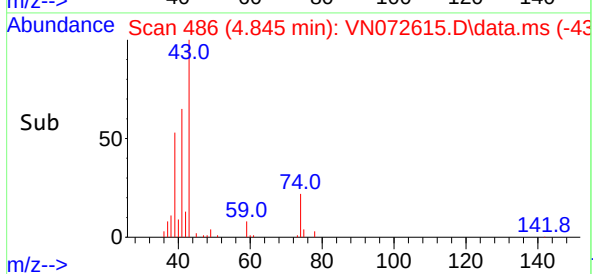
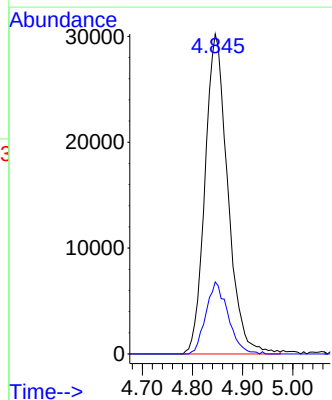
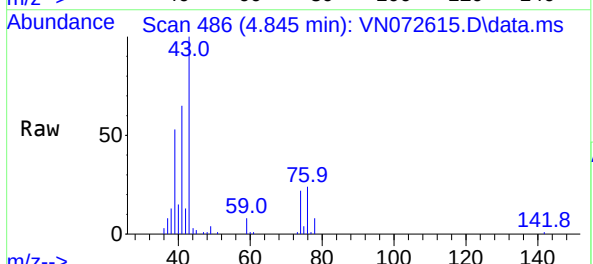
Manual Integrations
APPROVED

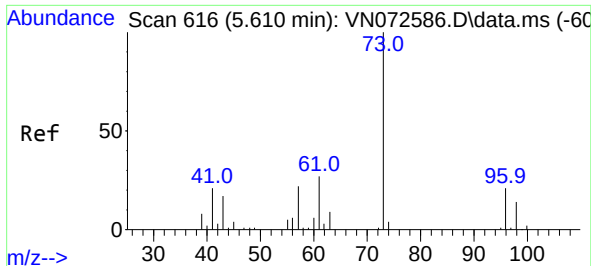
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#18
Methyl Acetate
Concen: 60.069 ug/l
RT: 4.845 min Scan# 486
Delta R.T. 0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

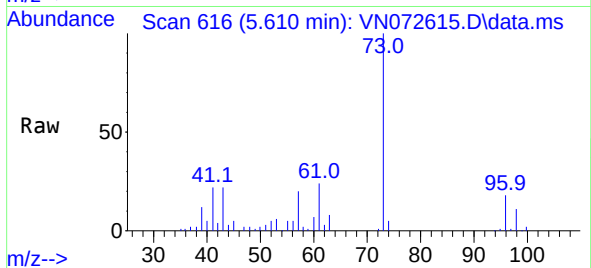
Tgt Ion: 43 Resp: 95419
Ion Ratio Lower Upper
43 100
74 21.8 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 59.226 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

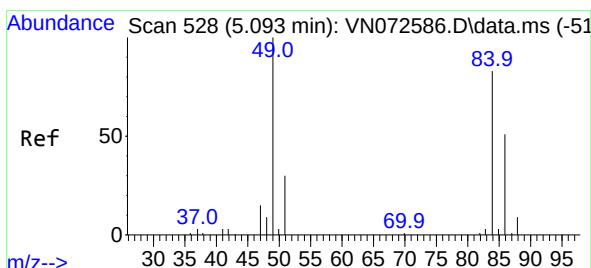
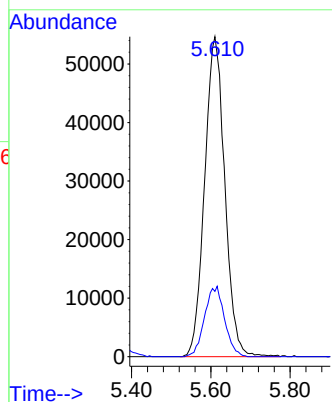
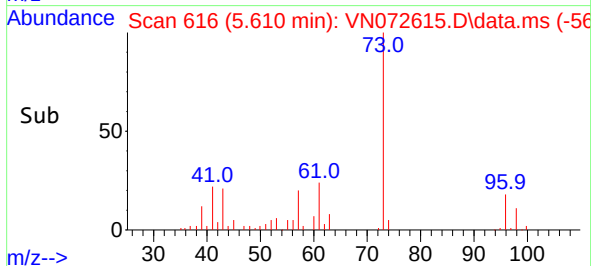
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



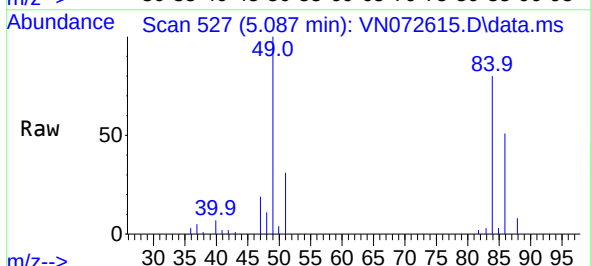
Tgt Ion: 73 Resp: 193004
Ion Ratio Lower Upper
73 100
57 20.4 17.6 26.4

Manual Integrations
APPROVED

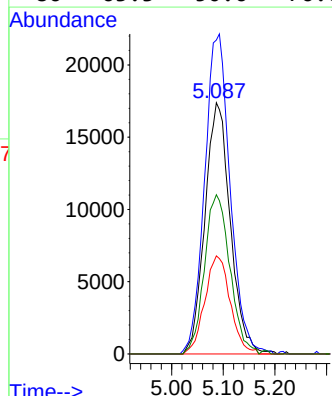
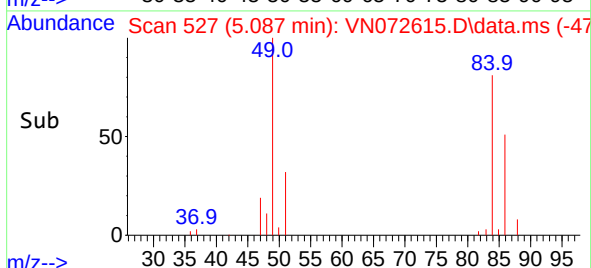
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

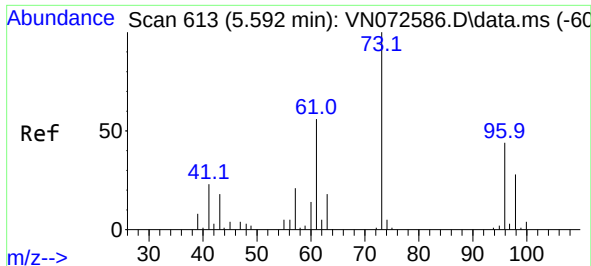


#20
Methylene Chloride
Concen: 50.634 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.006 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57



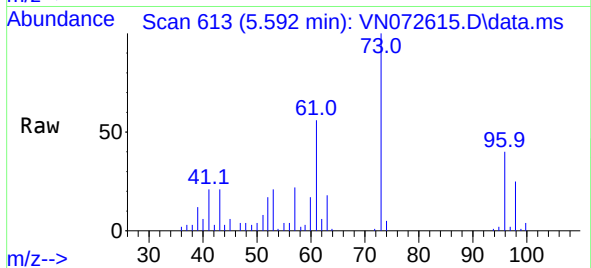
Tgt Ion: 84 Resp: 59265
Ion Ratio Lower Upper
84 100
49 125.0 88.3 132.5
51 39.0 28.2 42.2
86 63.3 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 51.082 ug/l
RT: 5.592 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

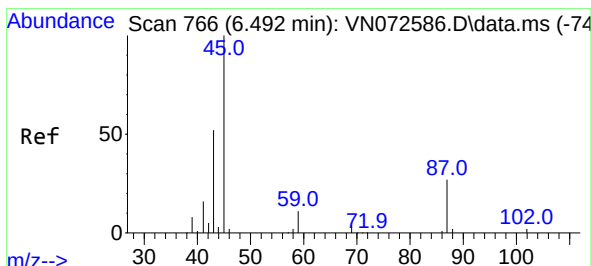
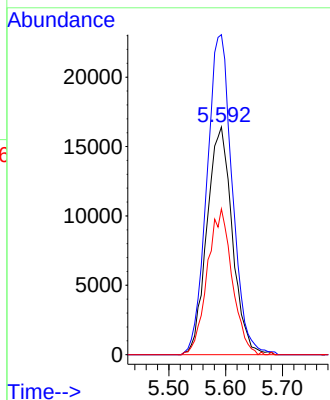
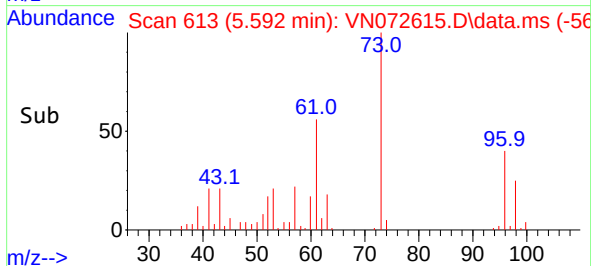
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



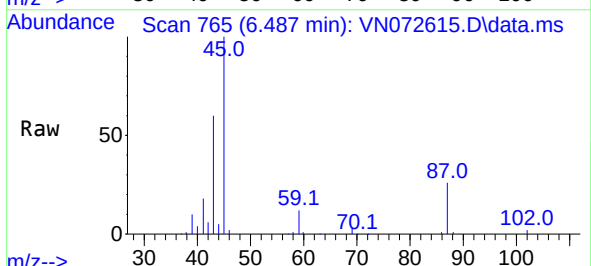
Tgt Ion: 96 Resp: 5090
Ion Ratio Lower Upper
96 100
61 140.5 105.8 158.8
98 64.0 50.3 75.5

Manual Integrations
APPROVED

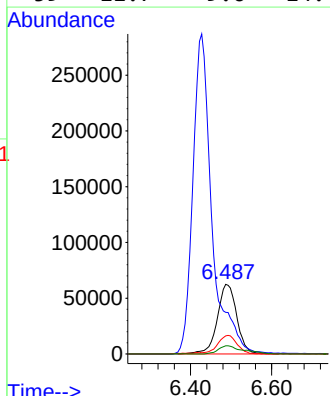
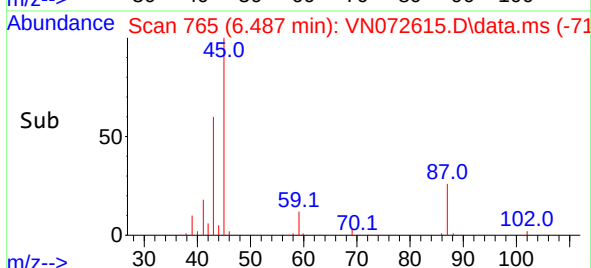
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

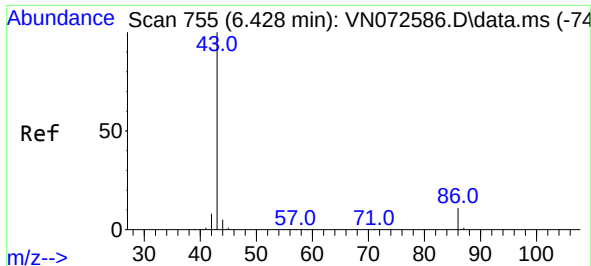


#22
Diisopropyl ether
Concen: 57.170 ug/l
RT: 6.487 min Scan# 765
Delta R.T. -0.005 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57



Tgt Ion: 45 Resp: 208288
Ion Ratio Lower Upper
45 100
43 58.4 46.6 70.0
87 25.9 24.3 36.5
59 11.7 9.6 14.4





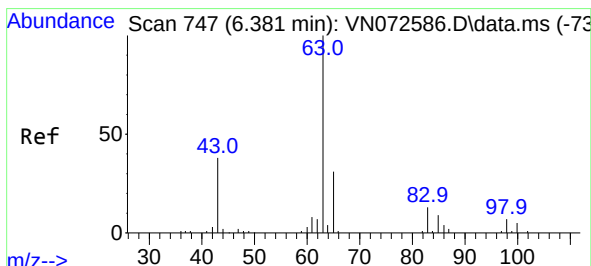
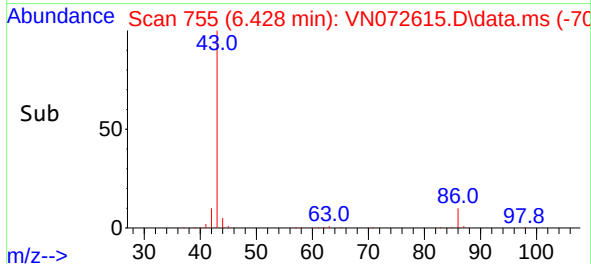
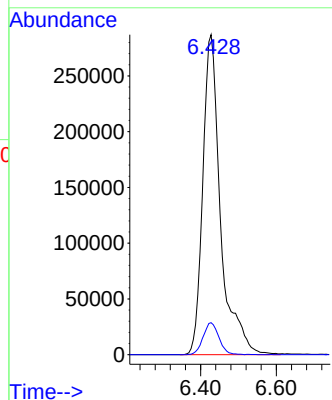
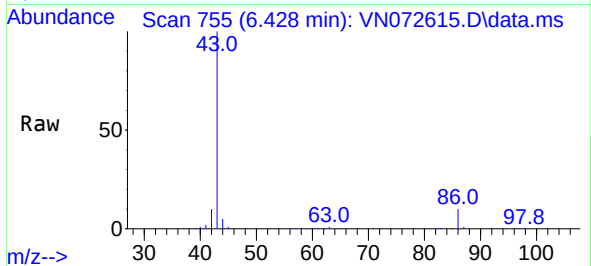
#23
 Vinyl Acetate
 Concen: 302.656 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072615.D
 Acq: 25 May 2022 02:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 93648
 Ion Ratio Lower Upper
 43 100
 86 10.0 10.0 15.0

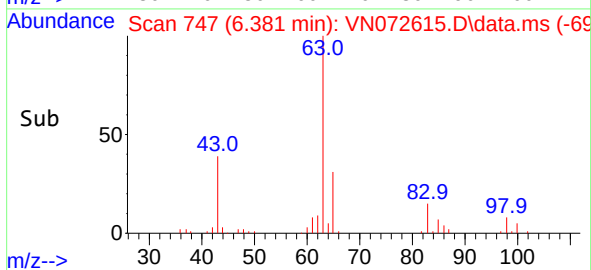
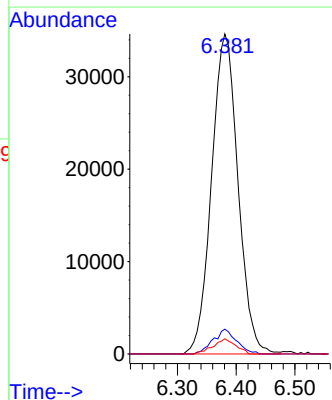
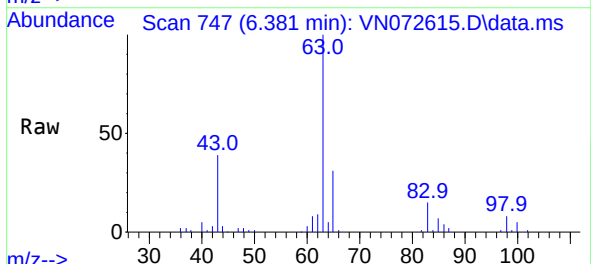
Manual Integrations
 APPROVED

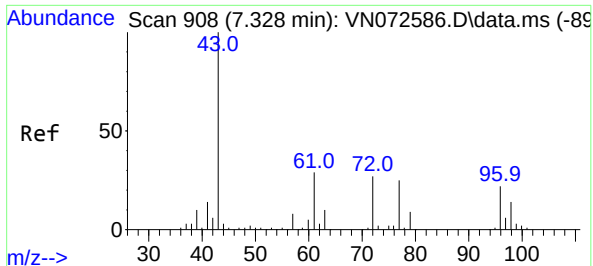
Reviewed By :John Carlone 05/25/2022
 Supervised By :Mahesh Dadoda 05/25/2022



#24
 1,1-Dichloroethane
 Concen: 55.062 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.000 min
 Lab File: VN072615.D
 Acq: 25 May 2022 02:57

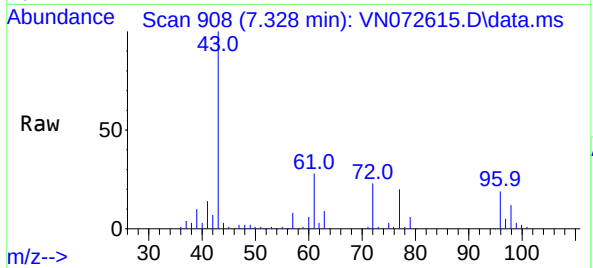
Tgt Ion: 63 Resp: 108198
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.4
 100 4.8 2.3 6.8





#25
2-Butanone
Concen: 289.262 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

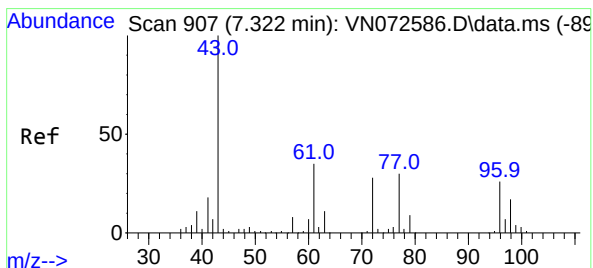
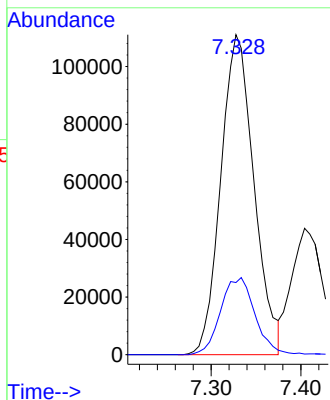
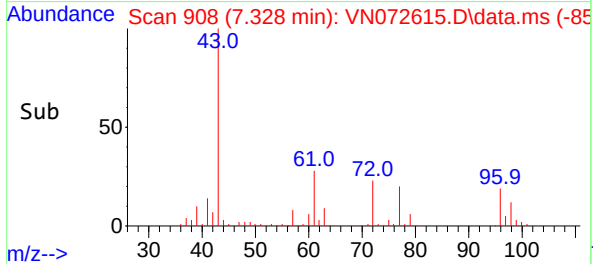
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



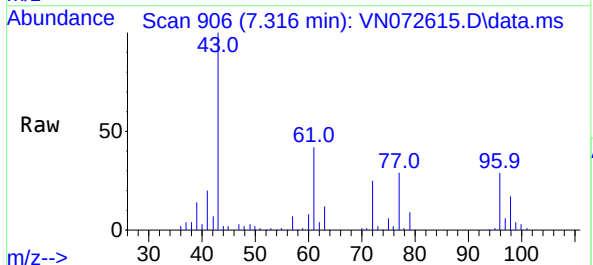
Tgt Ion: 43 Resp: 285278
Ion Ratio Lower Upper
43 100
72 22.6 23.7 35.5

Manual Integrations
APPROVED

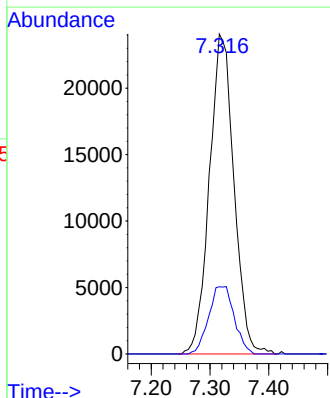
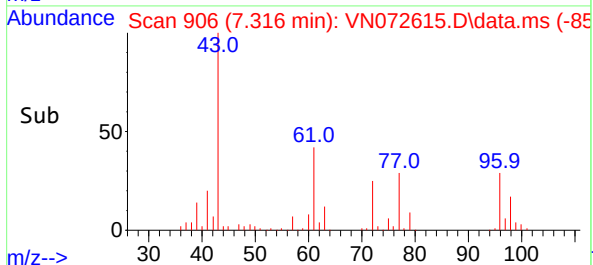
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

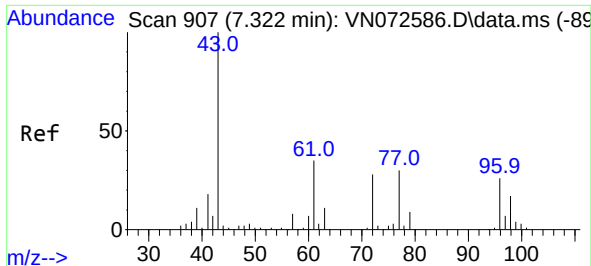


#26
2,2-Dichloropropane
Concen: 46.076 ug/l
RT: 7.316 min Scan# 906
Delta R.T. -0.006 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57



Tgt Ion: 77 Resp: 69717
Ion Ratio Lower Upper
77 100
97 21.9 11.4 34.2





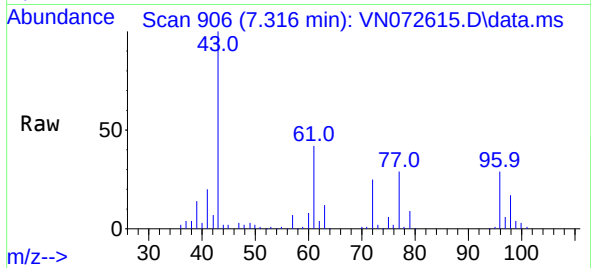
#27
cis-1,2-Dichloroethene
Concen: 51.232 ug/l
RT: 7.316 min Scan# 907
Delta R.T. -0.006 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

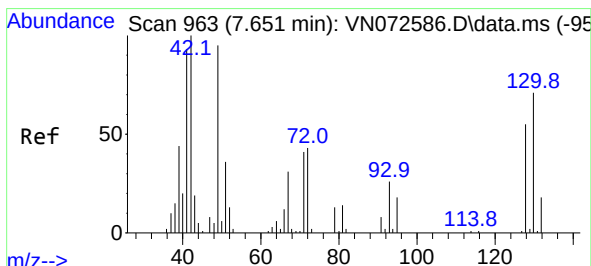
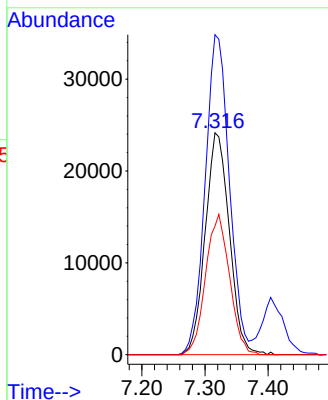
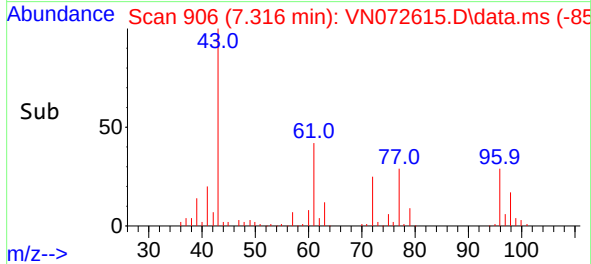


Tgt Ion: 96 Resp: 64410
Ion Ratio Lower Upper
96 100
61 143.8 0.0 280.6
98 62.6 0.0 128.4

Manual Integrations

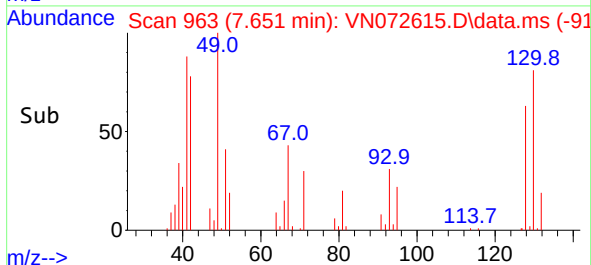
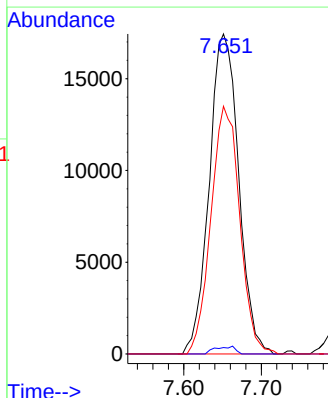
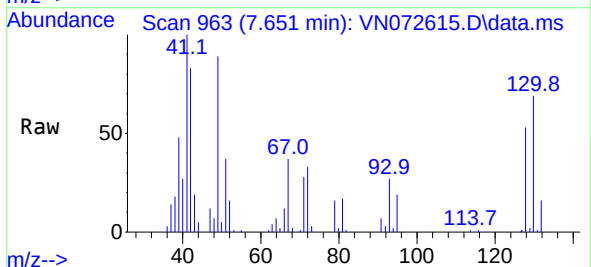
APPROVED

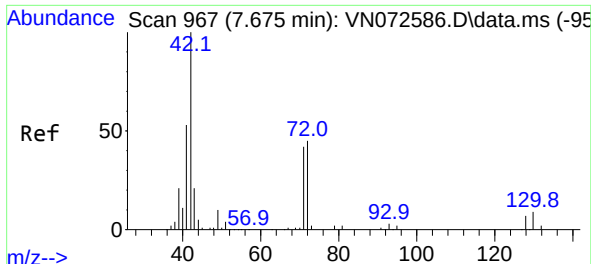
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#28
Bromochloromethane
Concen: 56.959 ug/l
RT: 7.651 min Scan# 963
Delta R.T. 0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

Tgt Ion: 49 Resp: 46175
Ion Ratio Lower Upper
49 100
129 1.6 0.0 4.6
130 75.5 69.7 104.5





#29

Tetrahydrofuran

Concen: 297.653 ug/l

RT: 7.675 min Scan# 90

Delta R.T. -0.000 min

Lab File: VN072615.D

Acq: 25 May 2022 02:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 182652

Ion Ratio Lower Upper

42 100

72 40.7 39.7 59.5

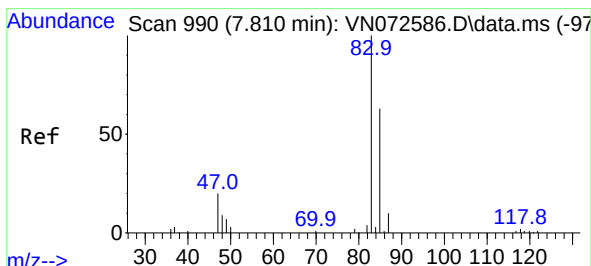
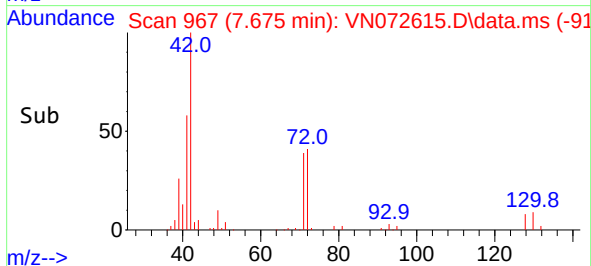
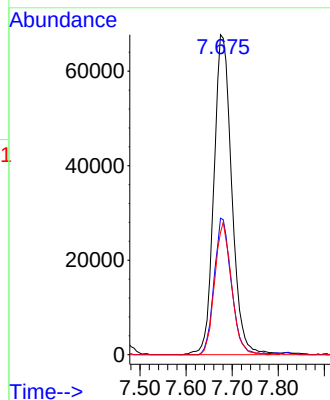
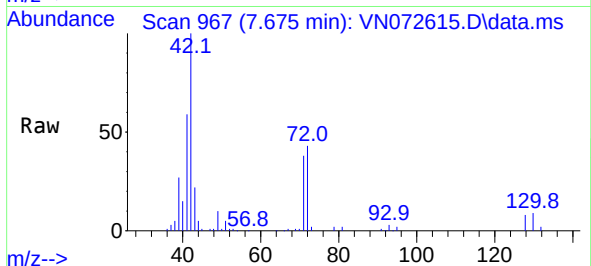
71 38.9 36.6 55.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#30

Chloroform

Concen: 54.513 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.006 min

Lab File: VN072615.D

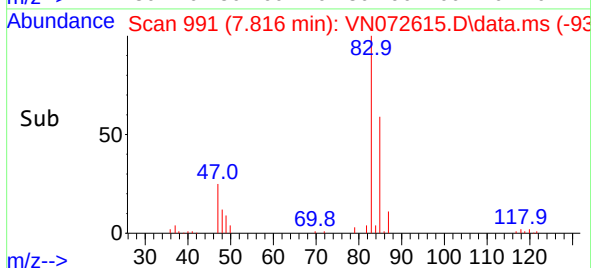
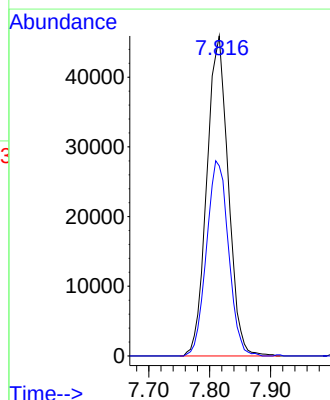
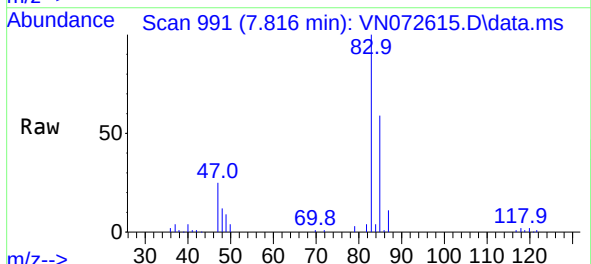
Acq: 25 May 2022 02:57

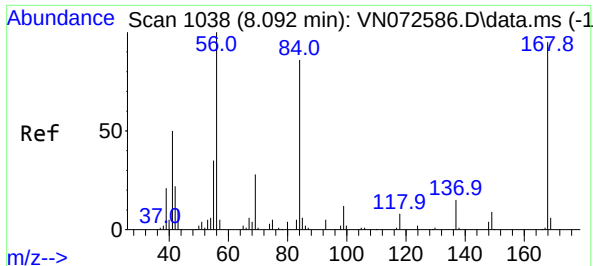
Tgt Ion: 83 Resp: 112605

Ion Ratio Lower Upper

83 100

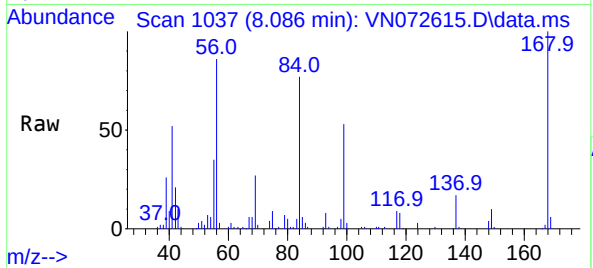
85 59.4 51.8 77.8





#31
Cyclohexane
Concen: 49.416 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

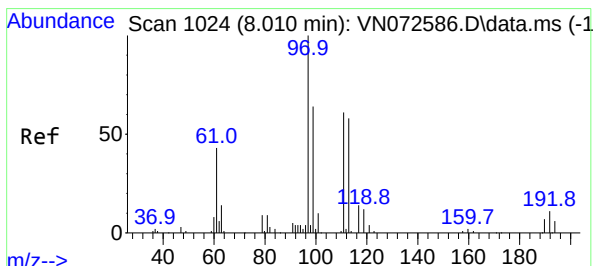
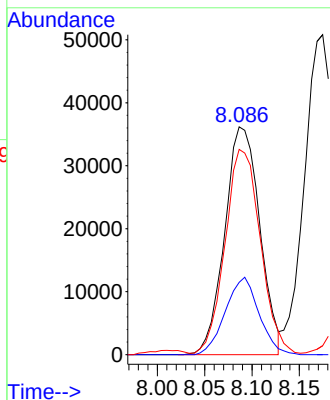
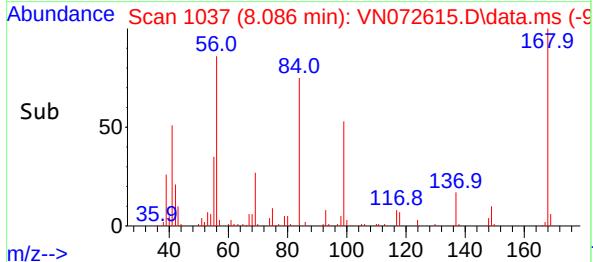
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



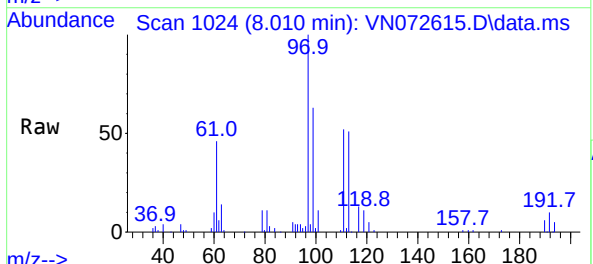
Tgt Ion: 56 Resp: 9308
Ion Ratio Lower Upper
56 100
69 31.7 27.8 41.8
84 88.2 76.9 115.3

Manual Integrations
APPROVED

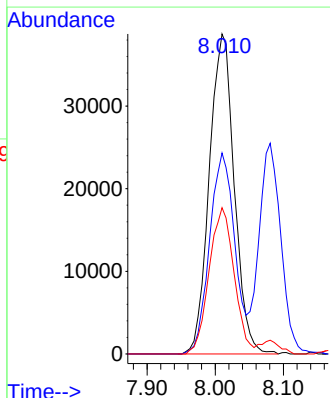
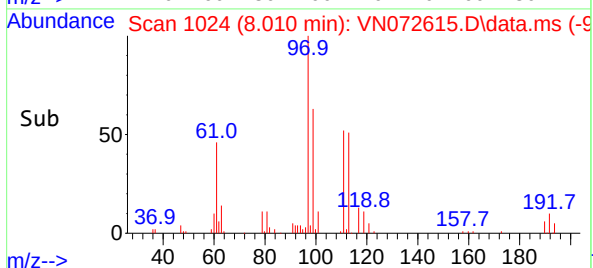
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

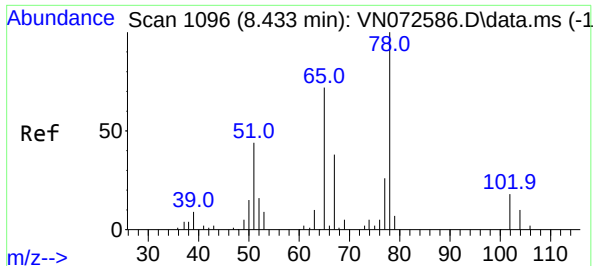


#32
1,1,1-Trichloroethane
Concen: 57.034 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57



Tgt Ion: 97 Resp: 98675
Ion Ratio Lower Upper
97 100
99 63.0 50.6 76.0
61 45.8 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 57.092 ug/l
RT: 8.428 min Scan# 1095
Delta R.T. -0.005 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

Instrument :

MSVOA_N

ClientSampleId :

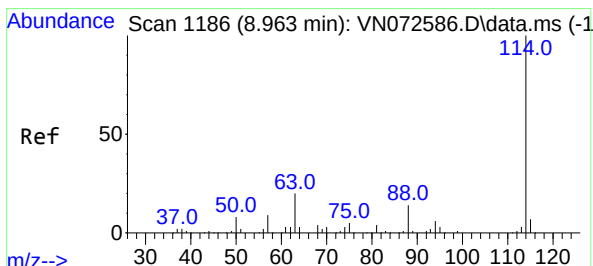
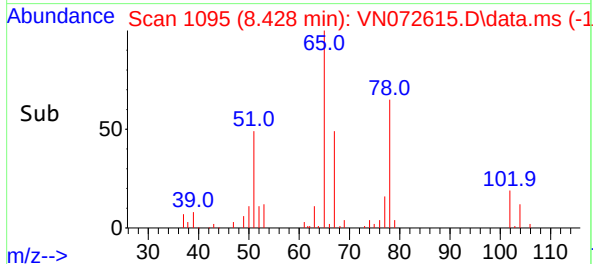
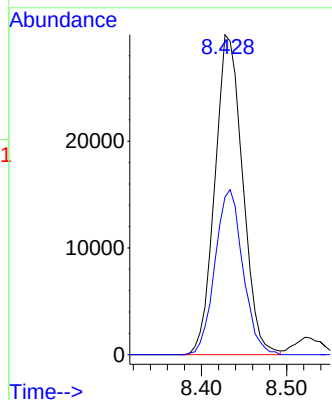
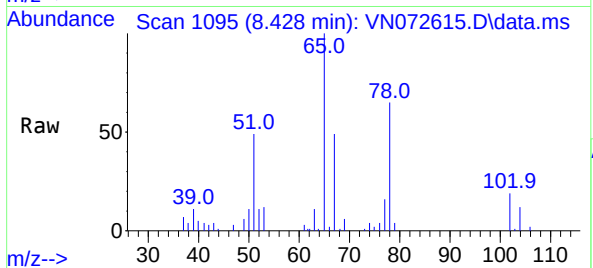
VSTDCCC050EC

Tgt Ion: 65 Resp: 67890
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.8

Manual Integrations

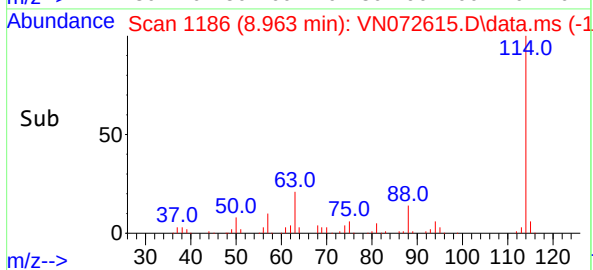
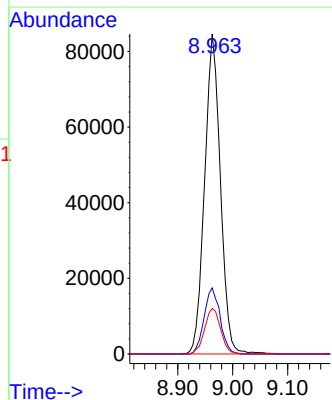
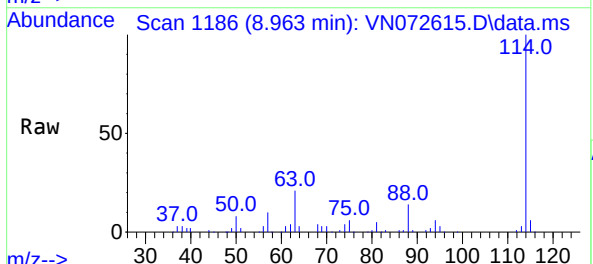
APPROVED

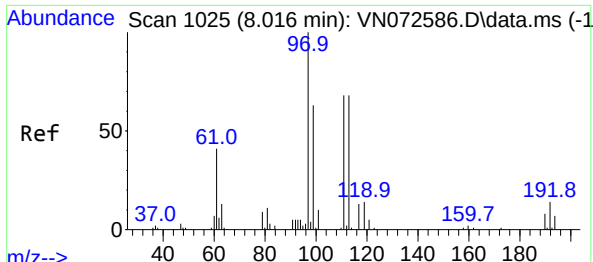
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

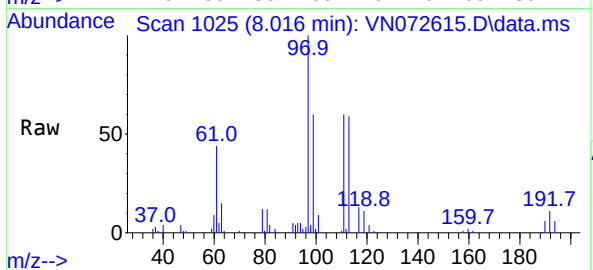
Tgt Ion:114 Resp: 168745
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.0
88 14.2 0.0 32.6





#35
Dibromofluoromethane
Concen: 47.981 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

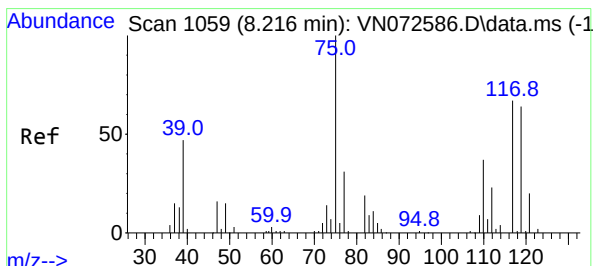
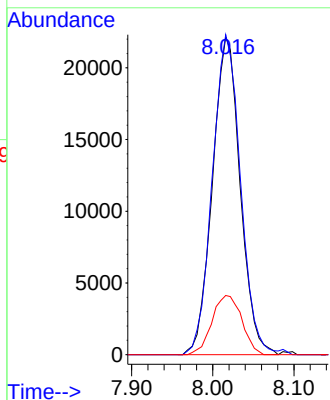
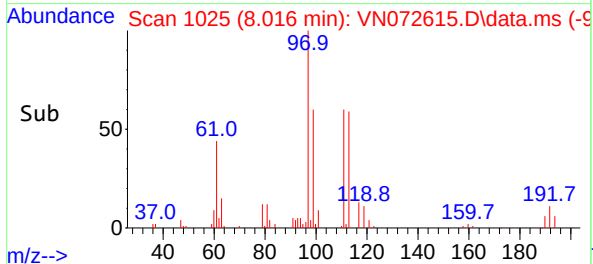
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



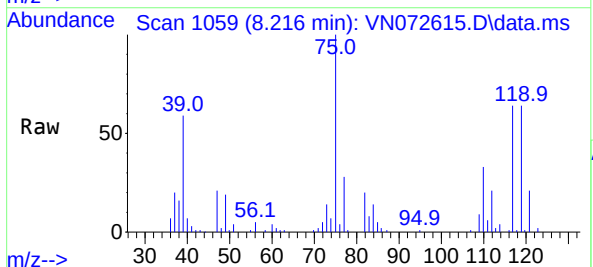
Tgt Ion: 113 Resp: 52470
Ion Ratio Lower Upper
113 100
111 102.7 81.4 122.0
192 20.0 17.0 25.6

Manual Integrations
APPROVED

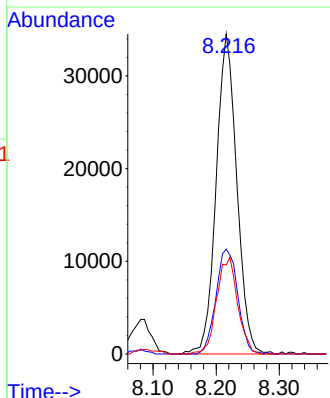
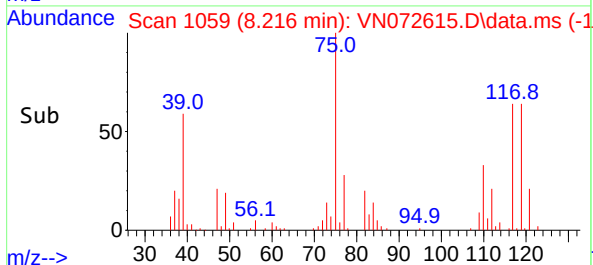
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

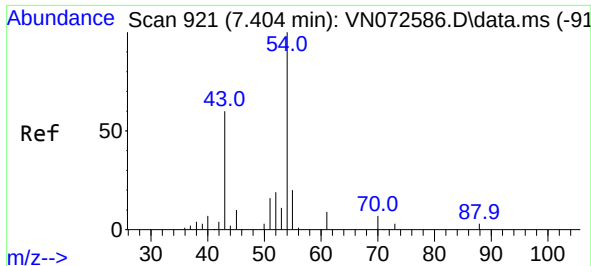


#36
1,1-Dichloropropene
Concen: 50.514 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57



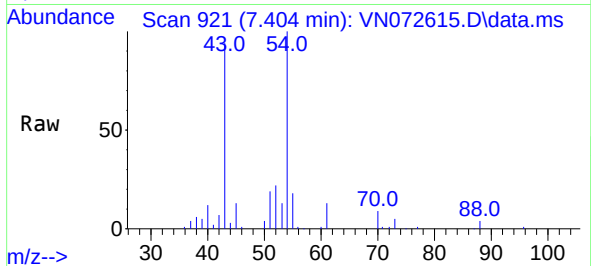
Tgt Ion: 75 Resp: 78162
Ion Ratio Lower Upper
75 100
110 34.6 18.3 54.8
77 30.7 25.1 37.7





#37
Ethyl Acetate
Concen: 55.081 ug/l
RT: 7.404 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

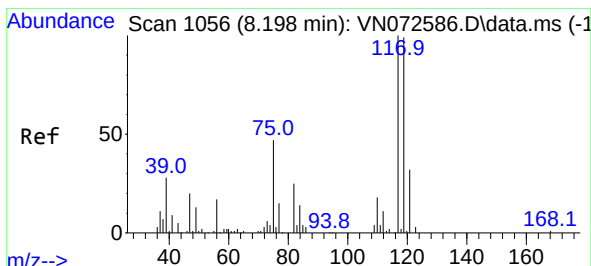
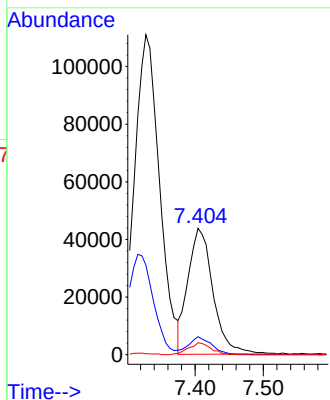
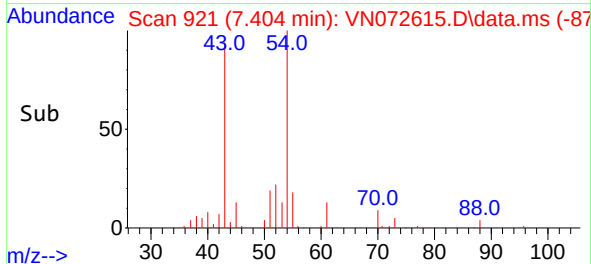
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



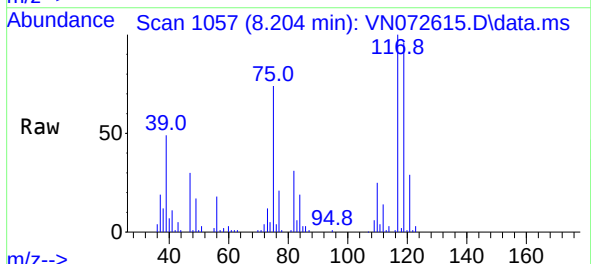
Tgt Ion: 43 Resp: 111410
Ion Ratio Lower Upper
43 100
61 13.1 11.8 17.6
70 8.4 9.3 13.9

Manual Integrations
APPROVED

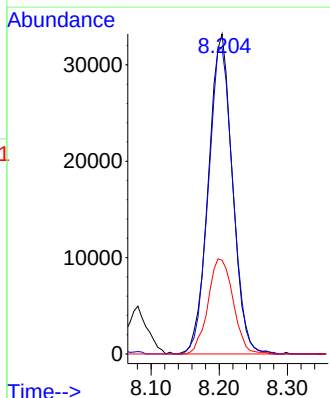
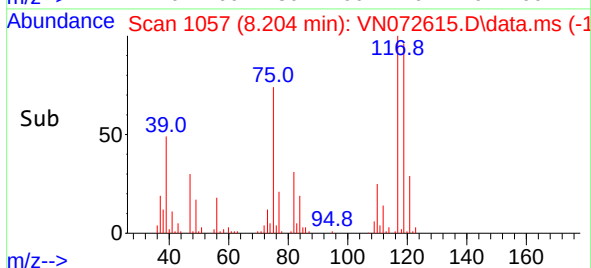
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

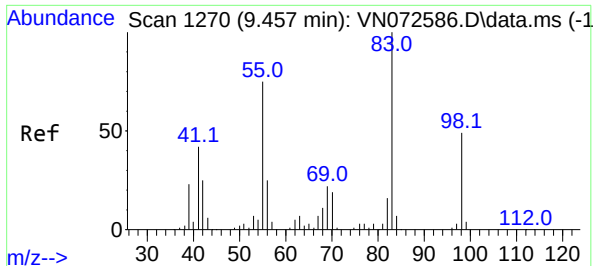


#38
Carbon Tetrachloride
Concen: 49.938 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57



Tgt Ion:117 Resp: 81564
Ion Ratio Lower Upper
117 100
119 95.7 75.8 113.8
121 29.3 24.6 37.0





#39

Methylcyclohexane

Concen: 48.951 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN072615.D

Acq: 25 May 2022 02:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 9333

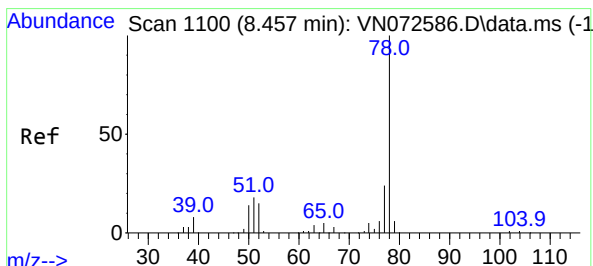
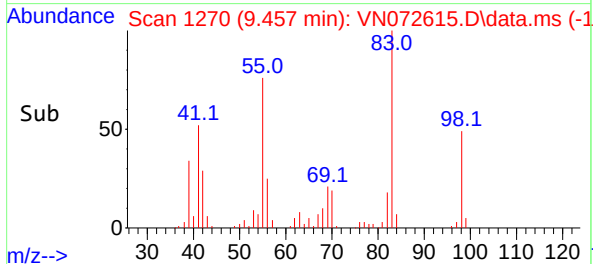
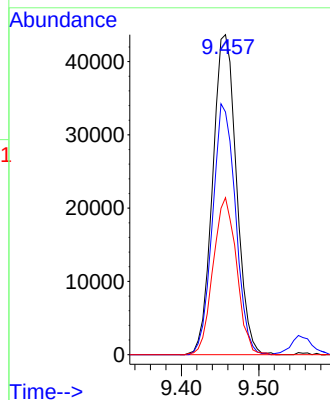
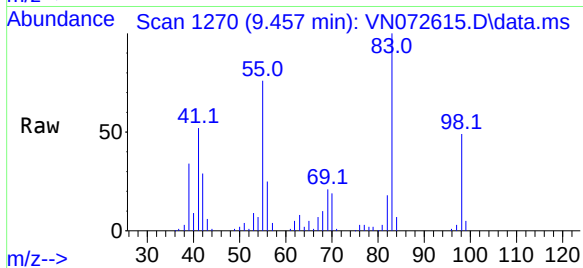
Ion	Ratio	Lower	Upper
83	100		
55	75.8	57.8	86.8
98	49.1	39.4	59.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#40

Benzene

Concen: 48.831 ug/l

RT: 8.457 min Scan# 1100

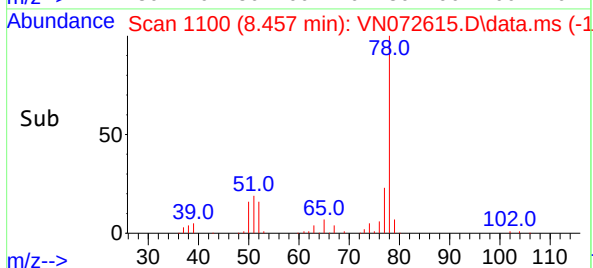
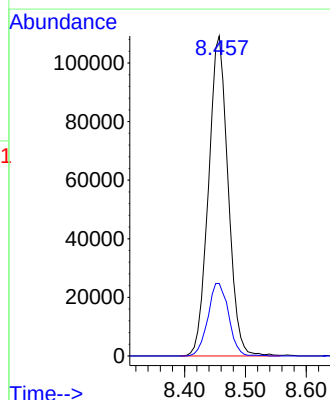
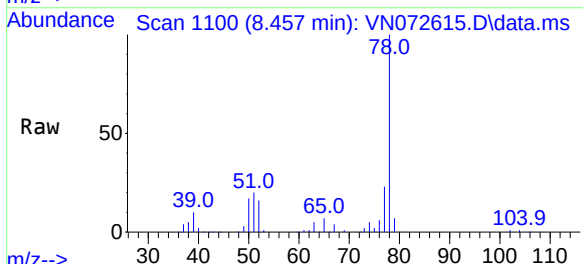
Delta R.T. -0.000 min

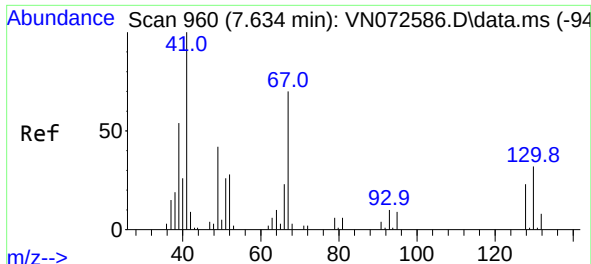
Lab File: VN072615.D

Acq: 25 May 2022 02:57

Tgt Ion: 78 Resp: 243809

Ion	Ratio	Lower	Upper
78	100		
77	22.6	19.4	29.0





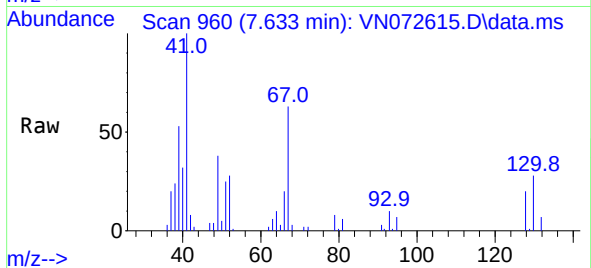
#41
Methacrylonitrile
Concen: 52.516 ug/l
RT: 7.633 min Scan# 90
Delta R.T. -0.001 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



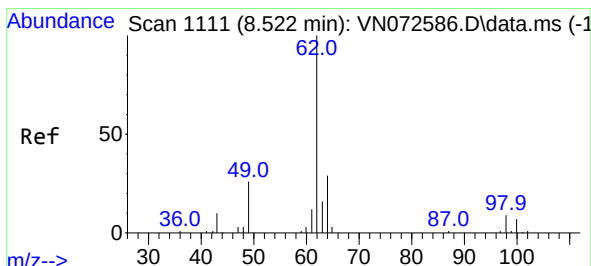
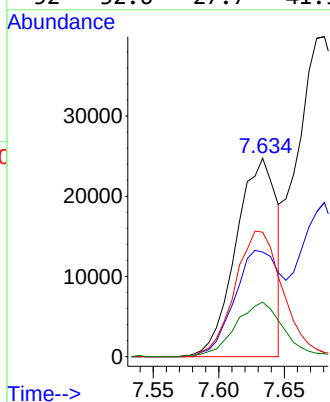
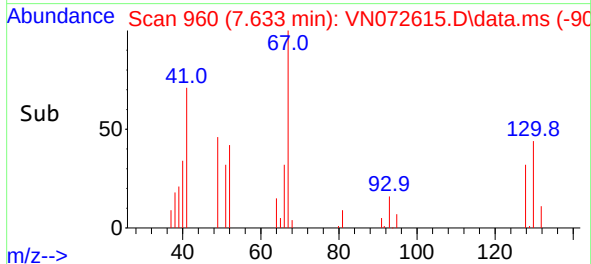
Tgt Ion: 41 Resp: 5344
Ion Ratio Lower Upper
41 100
39 62.1 48.6 73.0
67 75.2 73.4 110.2
52 32.6 27.7 41.5

Manual Integrations

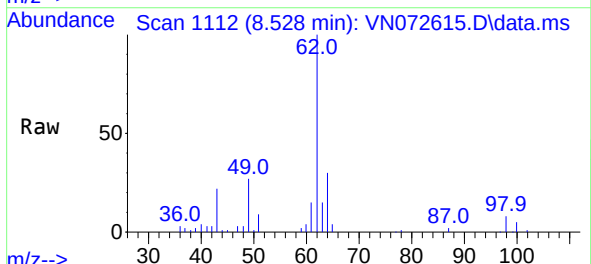
APPROVED

Reviewed By :John Carlone 05/25/2022

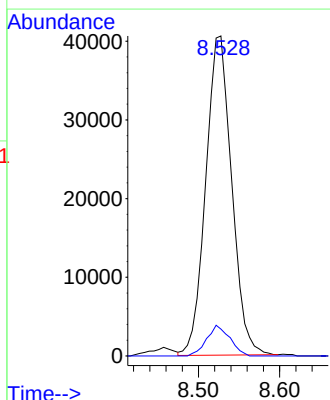
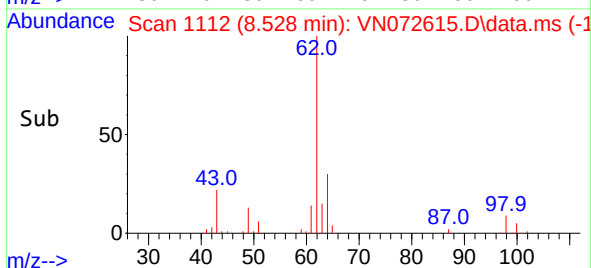
Supervised By :Mahesh Dadoda 05/25/2022

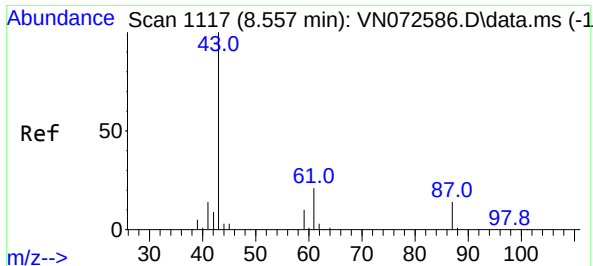


#42
1,2-Dichloroethane
Concen: 55.743 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57



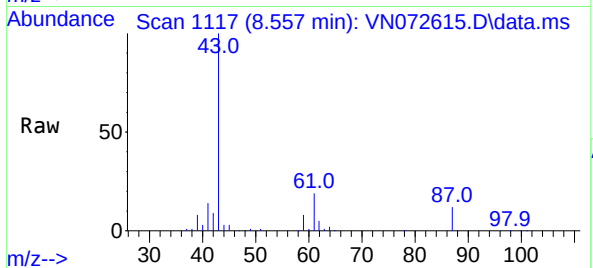
Tgt Ion: 62 Resp: 90173
Ion Ratio Lower Upper
62 100
98 8.6 0.0 19.4





#43
Isopropyl Acetate
Concen: 59.436 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. -0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

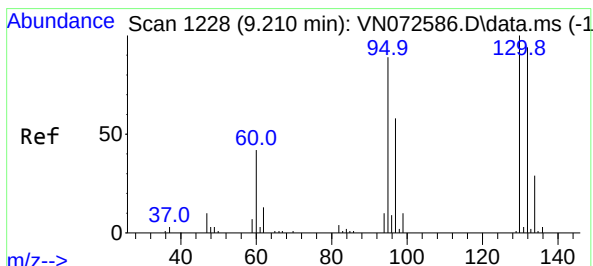
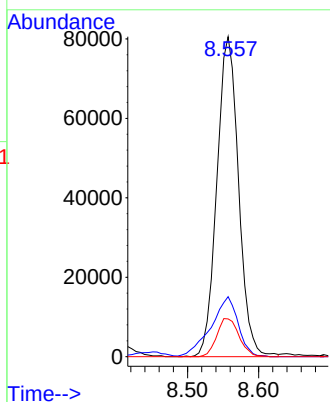
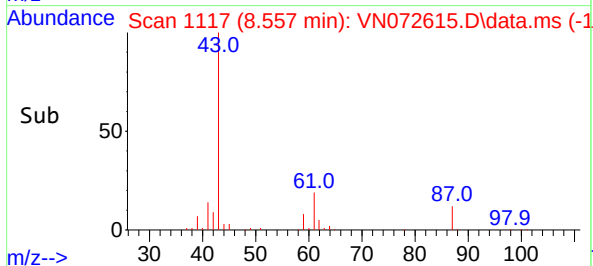
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



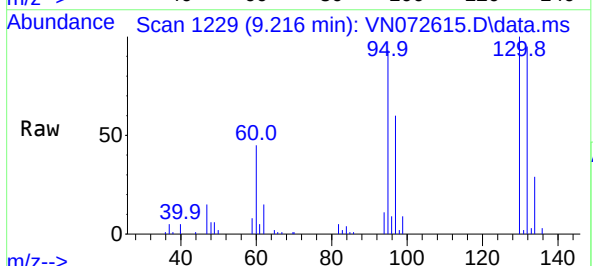
Tgt Ion: 43 Resp: 170472
Ion Ratio Lower Upper
43 100
61 23.5 21.9 32.9
87 12.3 12.0 18.0

Manual Integrations
APPROVED

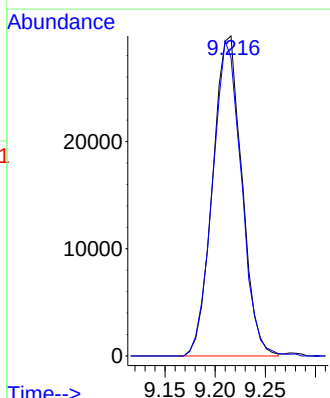
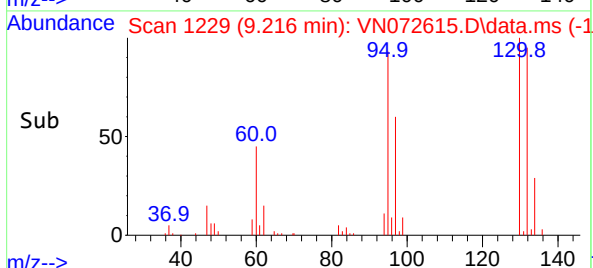
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

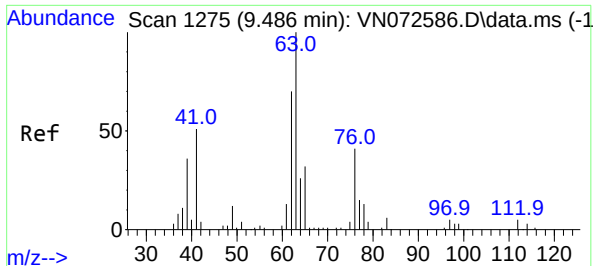


#44
Trichloroethene
Concen: 47.035 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57



Tgt Ion:130 Resp: 60386
Ion Ratio Lower Upper
130 100
95 93.3 0.0 186.8





#45

1,2-Dichloropropane

Concen: 49.191 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072615.D

Acq: 25 May 2022 02:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 6373

Ion Ratio Lower Upper

63 100

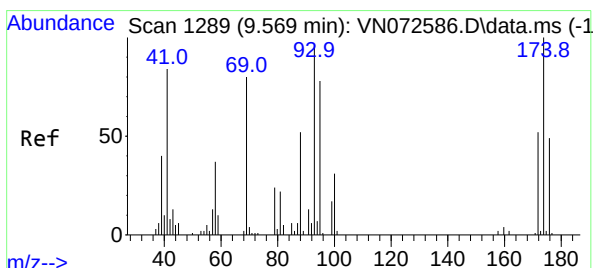
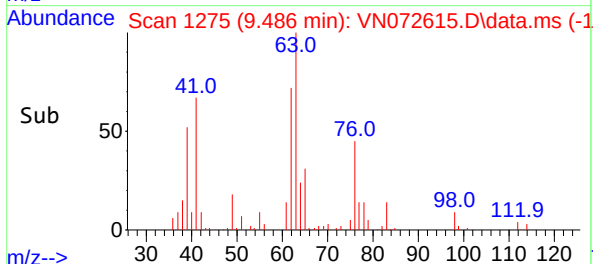
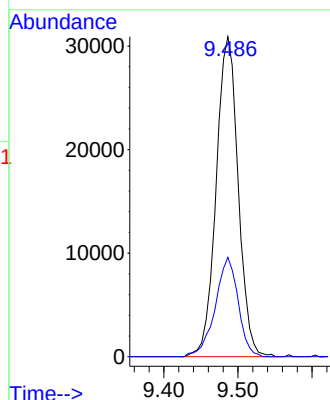
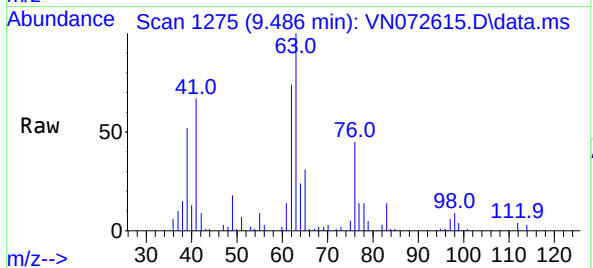
65 31.1 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#46

Dibromomethane

Concen: 50.527 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. 0.006 min

Lab File: VN072615.D

Acq: 25 May 2022 02:57

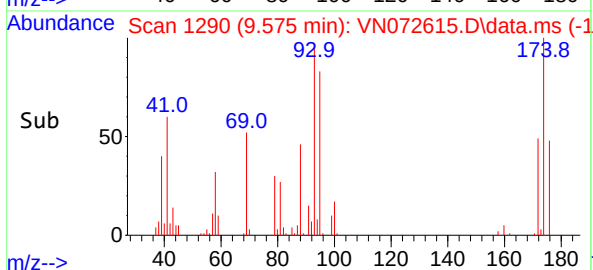
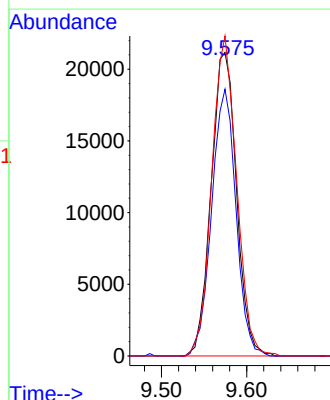
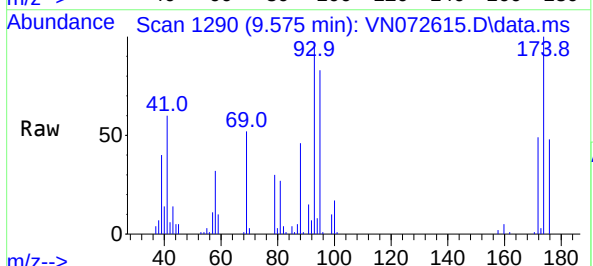
Tgt Ion: 93 Resp: 43697

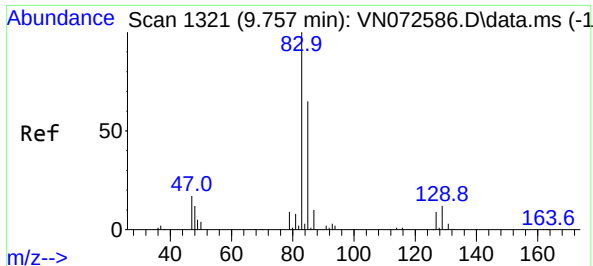
Ion Ratio Lower Upper

93 100

95 84.7 66.9 100.3

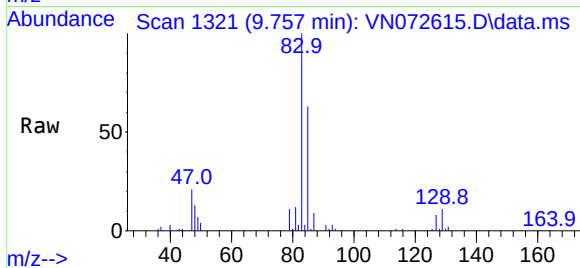
174 103.0 86.6 130.0





#47
Bromodichloromethane
Concen: 53.051 ug/l
RT: 9.757 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

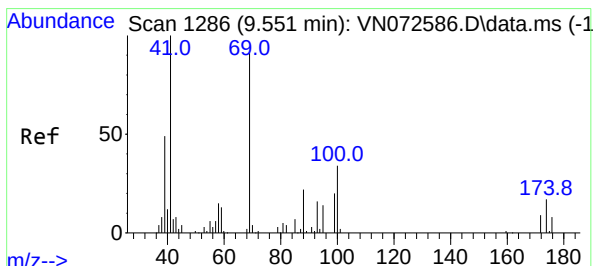
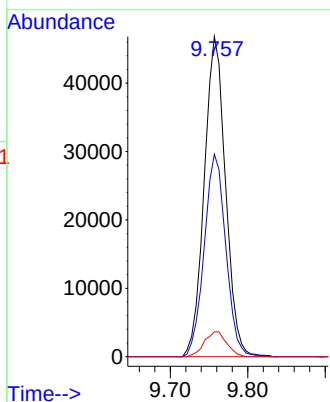
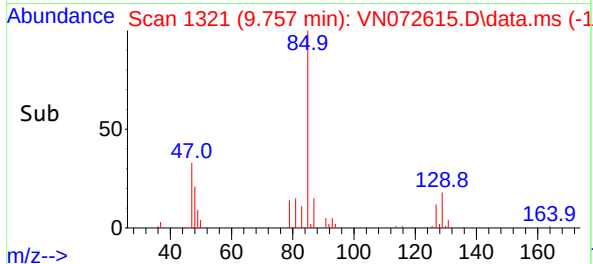
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



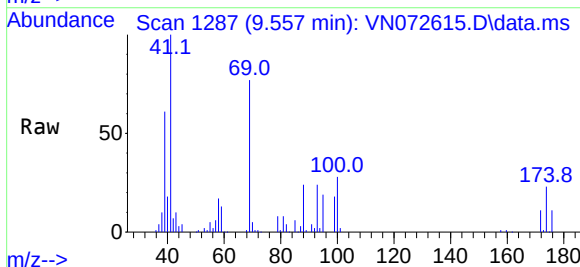
Tgt Ion: 83 Resp: 8940
Ion Ratio Lower Upper
83 100
85 63.2 50.5 75.7
127 7.7 6.8 10.2

Manual Integrations
APPROVED

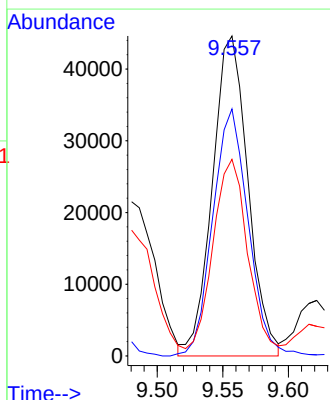
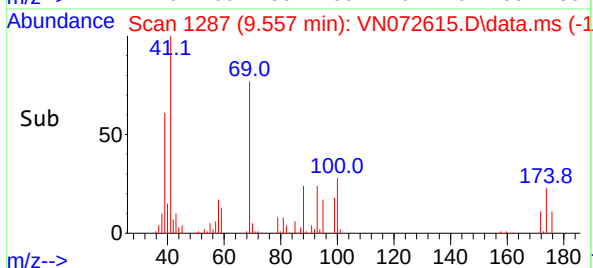
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

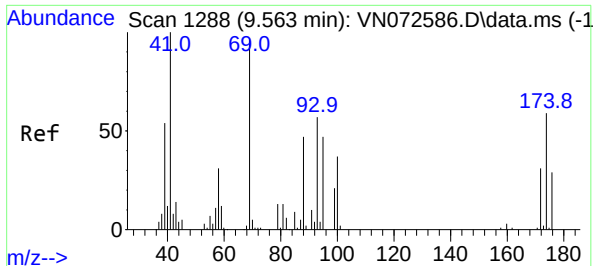


#48
Methyl methacrylate
Concen: 60.337 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.006 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57



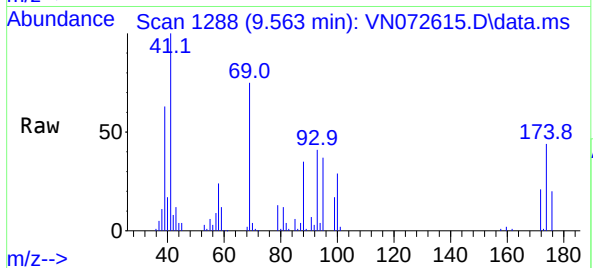
Tgt Ion: 41 Resp: 84179
Ion Ratio Lower Upper
41 100
69 77.1 74.7 112.1
39 60.7 45.6 68.4





#49
1,4-Dioxane
Concen: 988.134 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

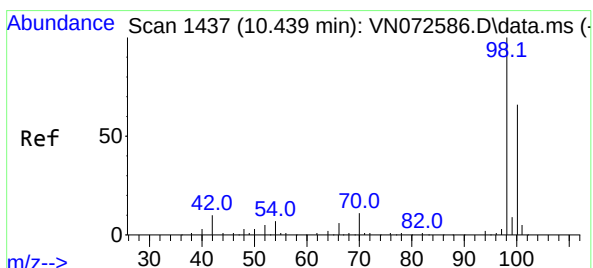
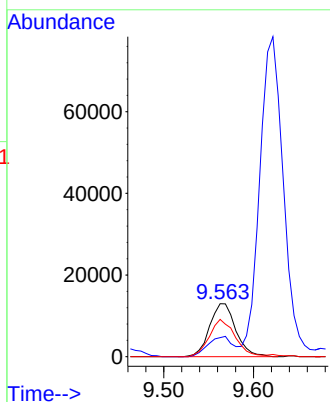
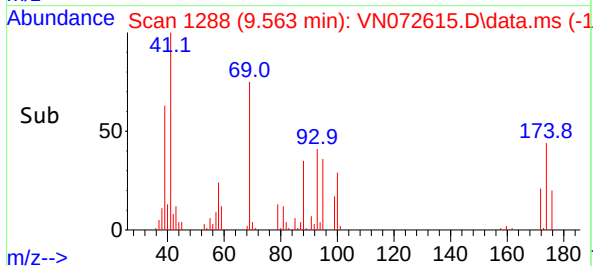
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



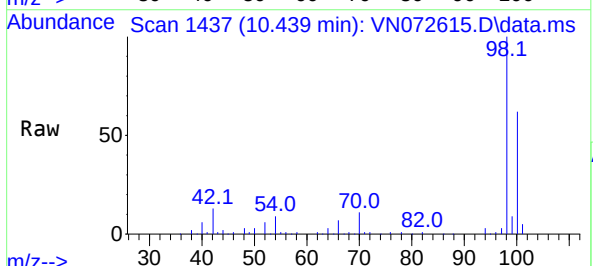
Tgt Ion: 88 Resp: 2631
Ion Ratio Lower Upper
88 100
43 35.4 20.2 30.4
58 69.2 54.2 81.4

Manual Integrations
APPROVED

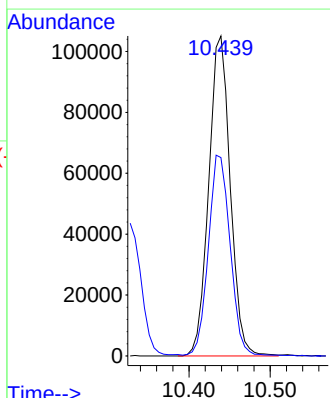
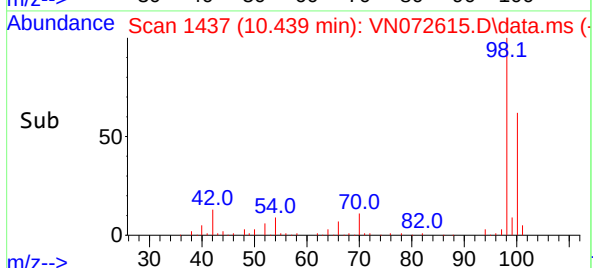
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

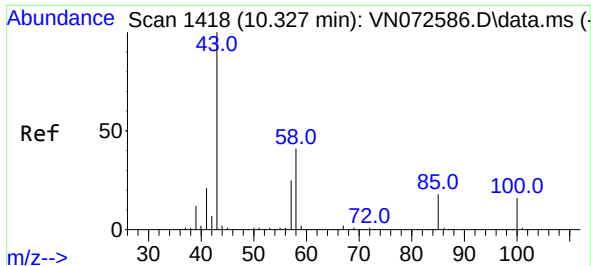


#50
Toluene-d8
Concen: 46.302 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57



Tgt Ion: 98 Resp: 193358
Ion Ratio Lower Upper
98 100
100 63.8 52.6 78.8





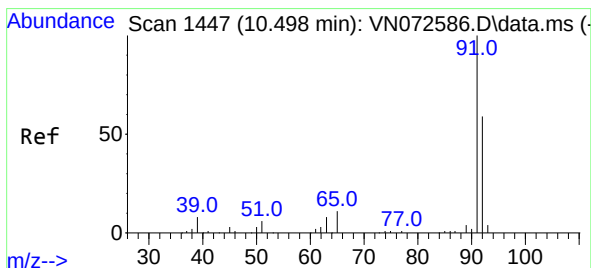
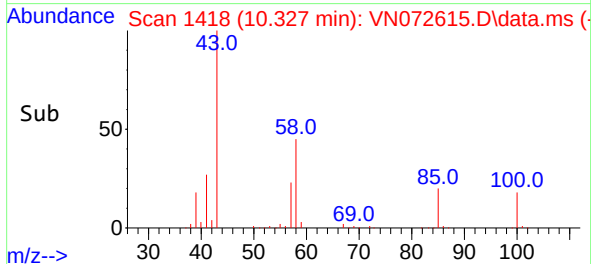
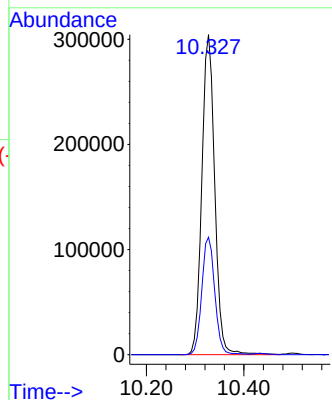
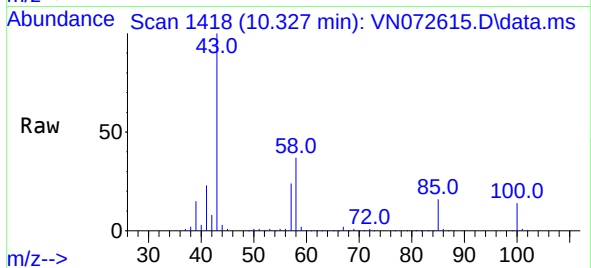
#51
4-Methyl-2-Pentanone
Concen: 285.721 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 56101
Ion Ratio Lower Upper
43 100
58 37.0 34.1 51.1

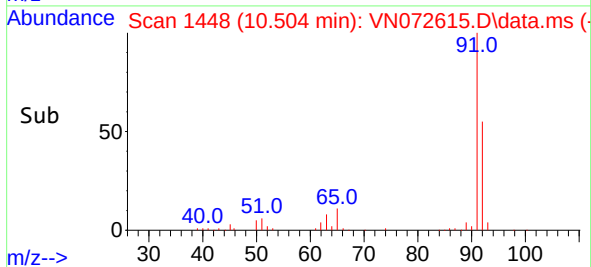
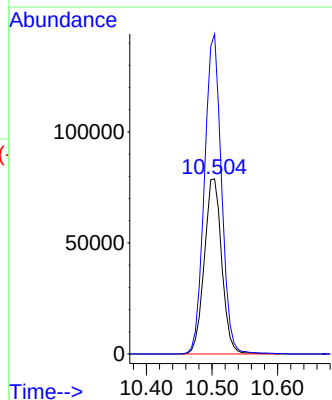
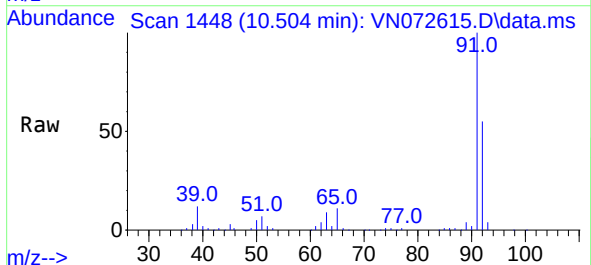
Manual Integrations
APPROVED

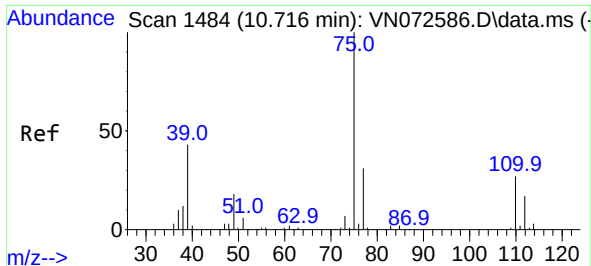
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#52
Toluene
Concen: 46.206 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.006 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

Tgt Ion: 92 Resp: 146096
Ion Ratio Lower Upper
92 100
91 178.6 138.6 207.8





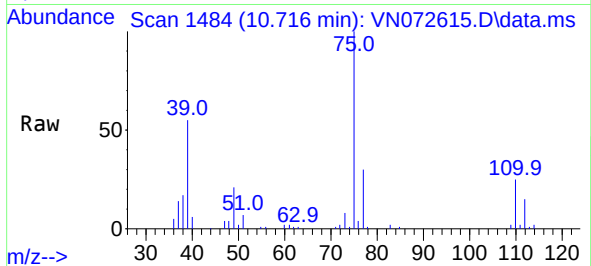
#53
t-1,3-Dichloropropene
Concen: 52.608 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

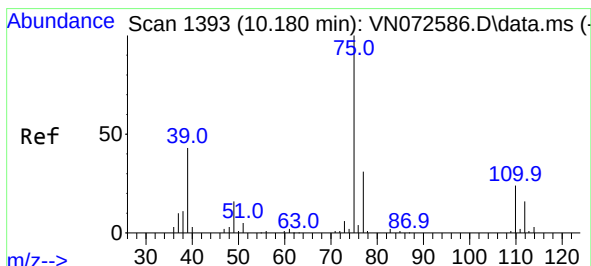
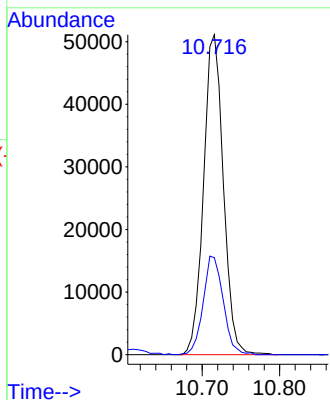
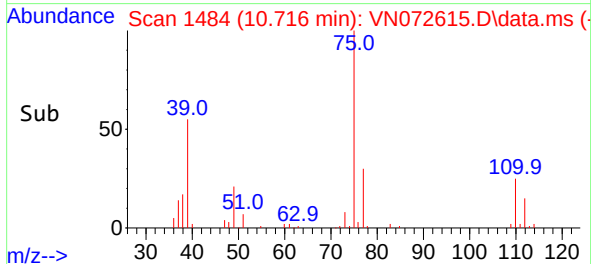


Tgt Ion: 75 Resp: 90629
Ion Ratio Lower Upper
75 100
77 30.3 25.6 38.4

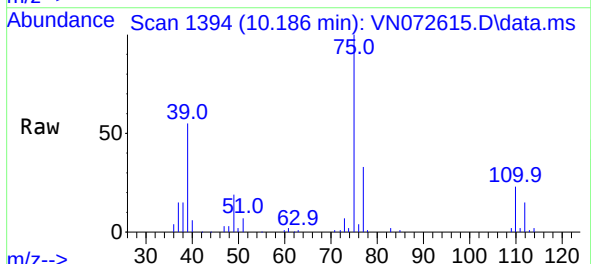
Manual Integrations

APPROVED

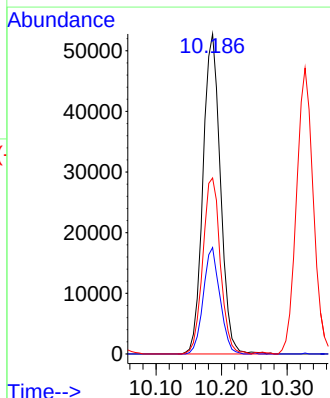
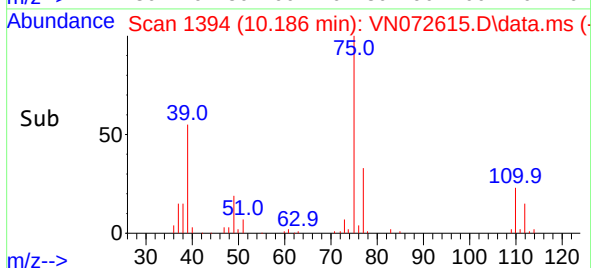
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

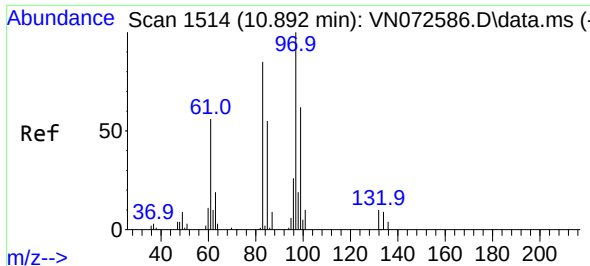


#54
cis-1,3-Dichloropropene
Concen: 50.348 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.006 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57



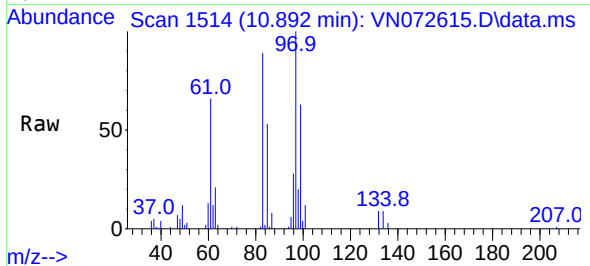
Tgt Ion: 75 Resp: 97669
Ion Ratio Lower Upper
75 100
77 33.2 25.2 37.8
39 55.0 35.7 53.5#





#55
1,1,2-Trichloroethane
Concen: 46.881 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

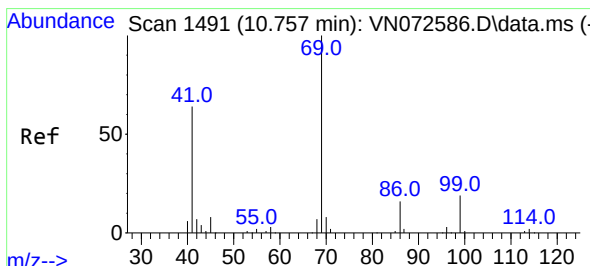
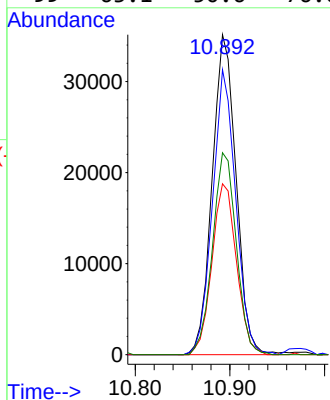
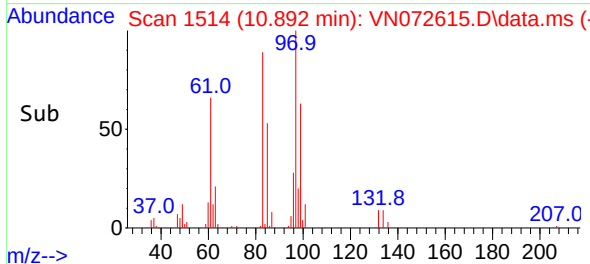


Tgt Ion: 97 Resp: 61490

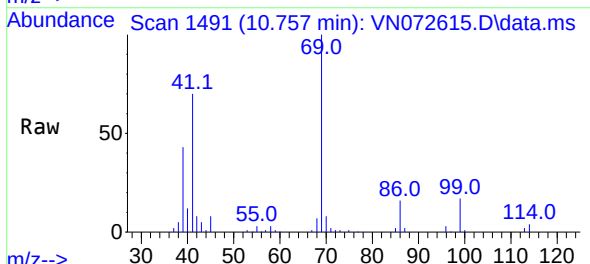
Ion	Ratio	Lower	Upper
97	100		
83	89.0	66.2	99.4
85	53.4	43.9	65.9
99	63.1	50.6	76.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

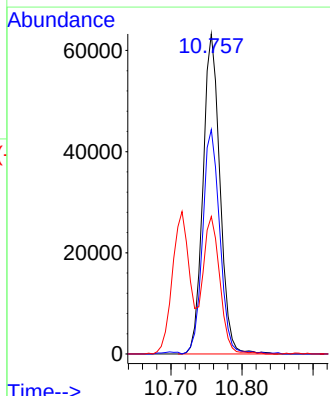
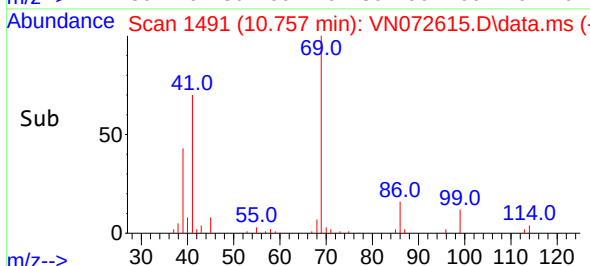


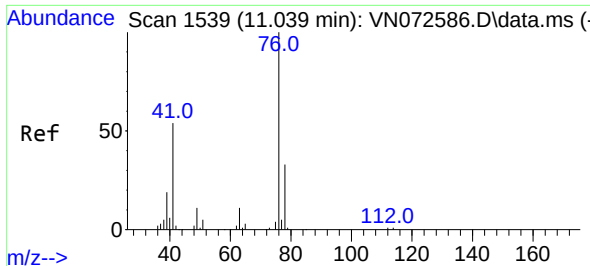
#56
Ethyl methacrylate
Concen: 52.069 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57



Tgt Ion: 69 Resp: 105212

Ion	Ratio	Lower	Upper
69	100		
41	71.3	47.8	71.6
39	43.4	27.3	40.9





#57

1,3-Dichloropropane

Concen: 49.433 ug/l

RT: 11.039 min Scan# 1539

Delta R.T. 0.000 min

Lab File: VN072615.D

Acq: 25 May 2022 02:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 109289

Ion Ratio Lower Upper

76 100

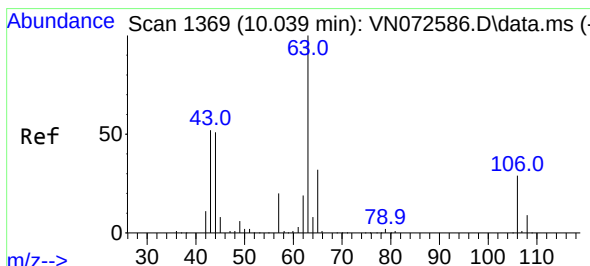
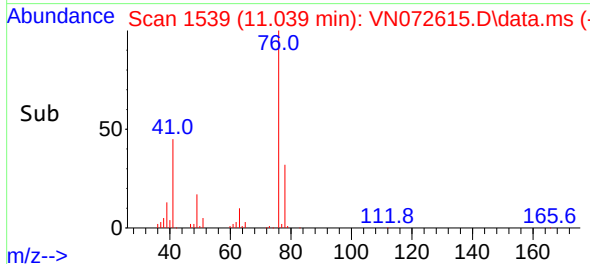
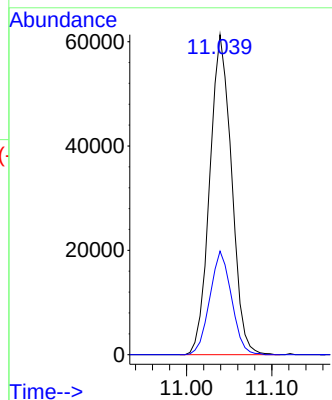
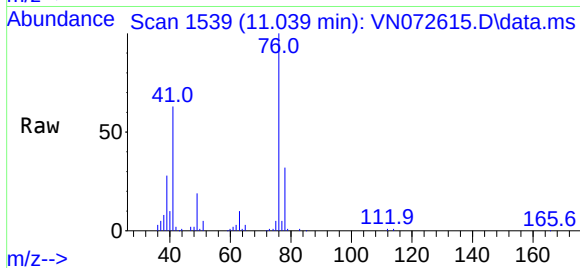
78 32.2 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#58

2-Chloroethyl Vinyl ether

Concen: 260.642 ug/l

RT: 10.039 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VN072615.D

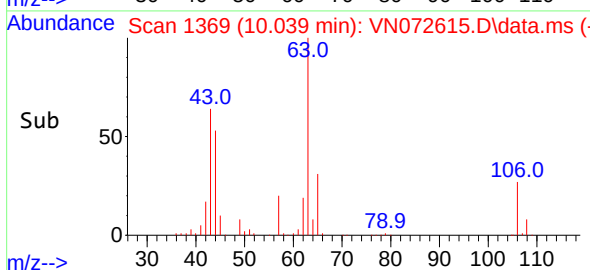
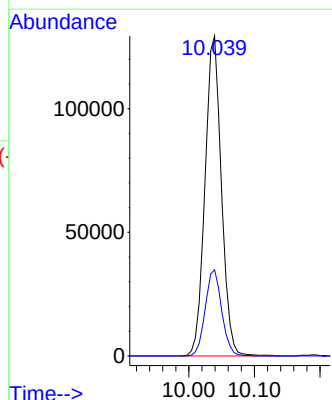
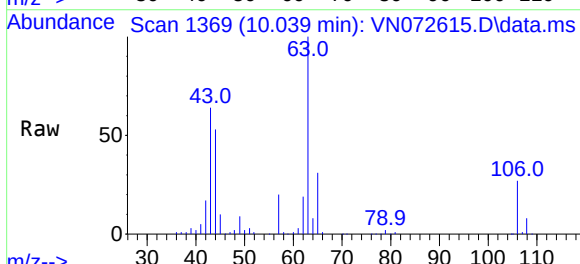
Acq: 25 May 2022 02:57

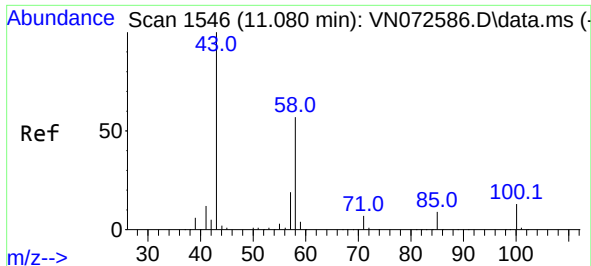
Tgt Ion: 63 Resp: 225346

Ion Ratio Lower Upper

63 100

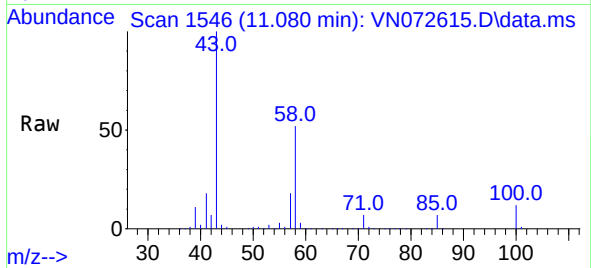
106 27.0 24.6 36.8





#59
2-Hexanone
Concen: 285.914 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

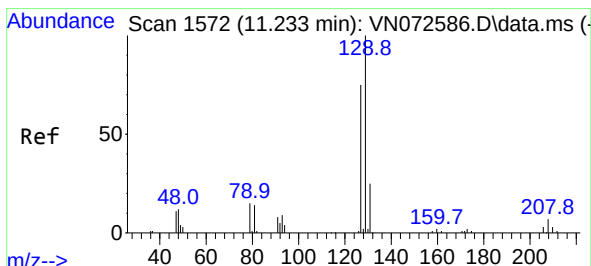
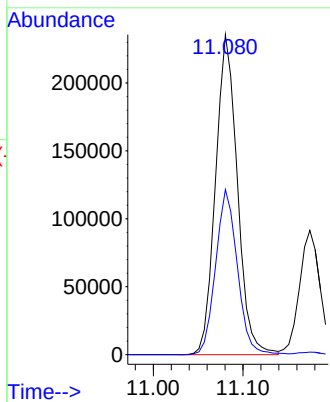
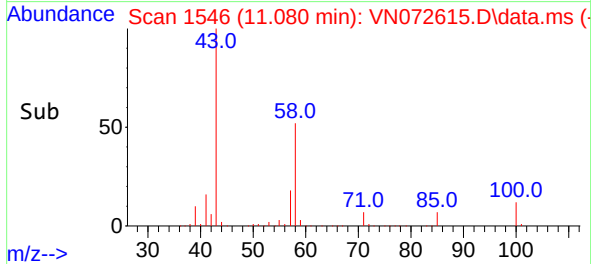
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



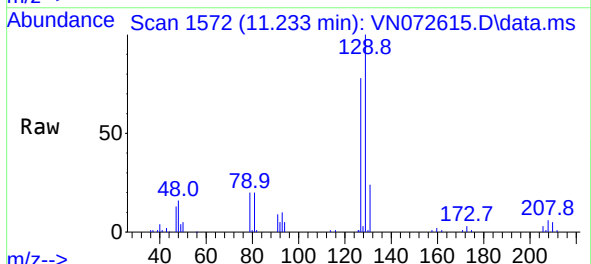
Tgt Ion: 43 Resp: 397984
Ion Ratio Lower Upper
43 100
58 51.3 29.7 89.1

Manual Integrations
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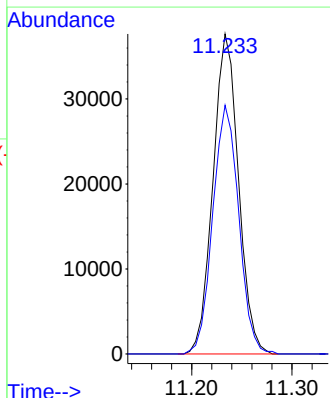
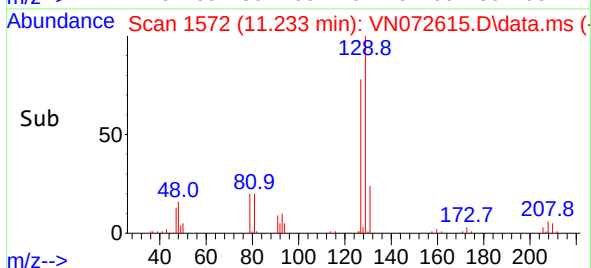
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

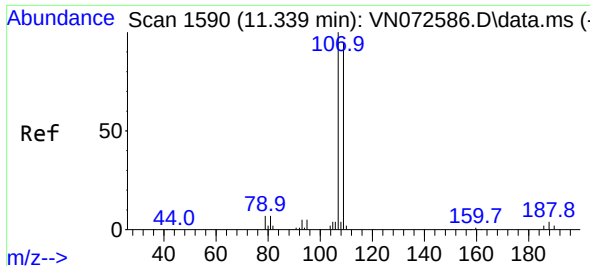


#60
Dibromochloromethane
Concen: 47.226 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57



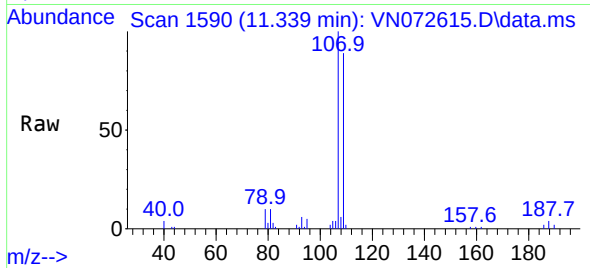
Tgt Ion:129 Resp: 66308
Ion Ratio Lower Upper
129 100
127 79.2 38.8 116.4





#61
1,2-Dibromoethane
Concen: 47.375 ug/l
RT: 11.339 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

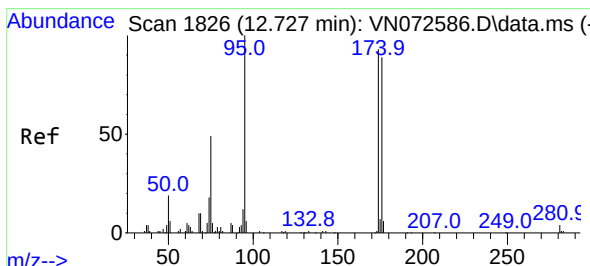
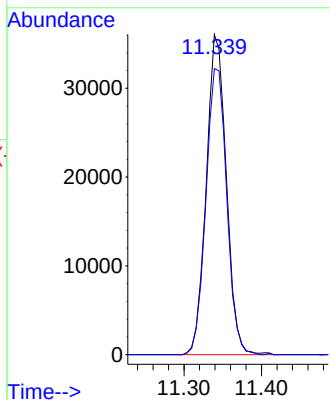
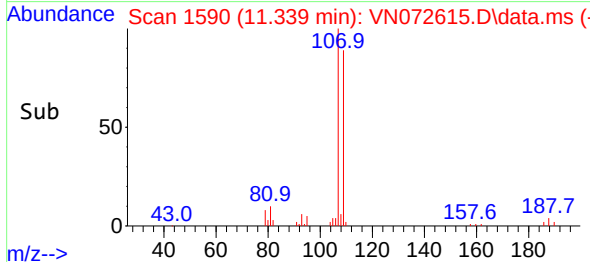
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



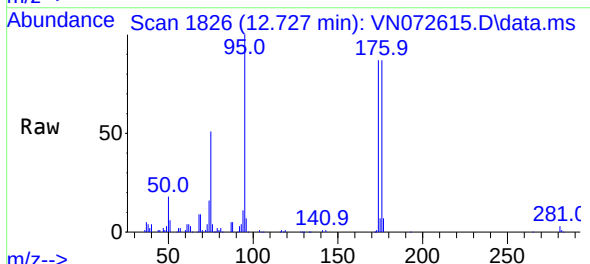
Tgt Ion:107 Resp: 64792
Ion Ratio Lower Upper
107 100
109 92.8 75.0 112.6

Manual Integrations
APPROVED

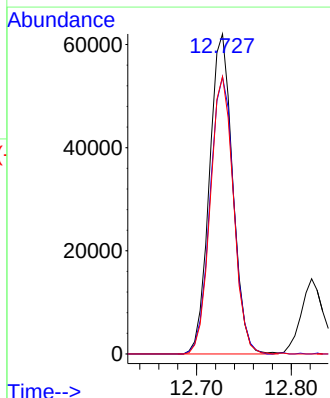
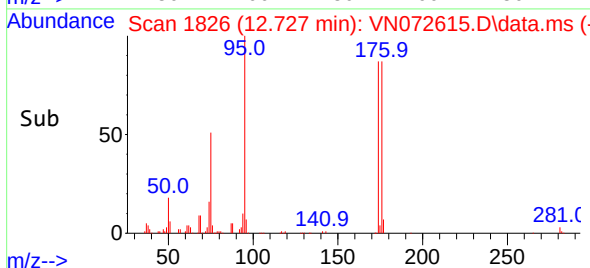
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

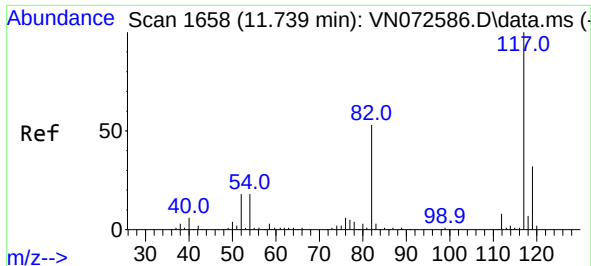


#62
4-Bromofluorobenzene
Concen: 77.840 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57



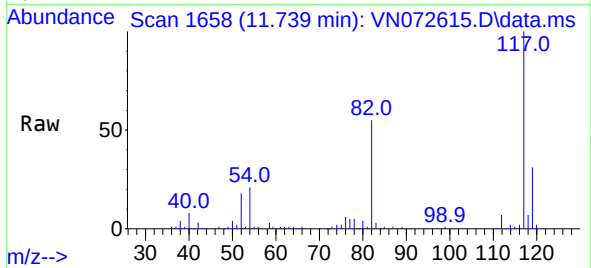
Tgt Ion: 95 Resp: 105723
Ion Ratio Lower Upper
95 100
174 88.4 0.0 167.6
176 86.1 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

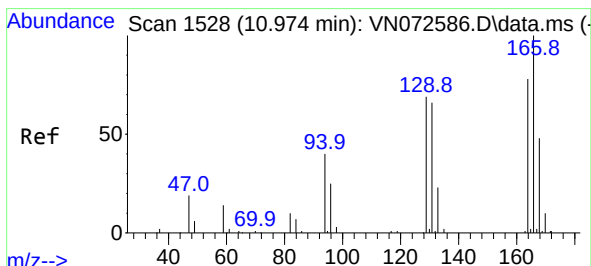
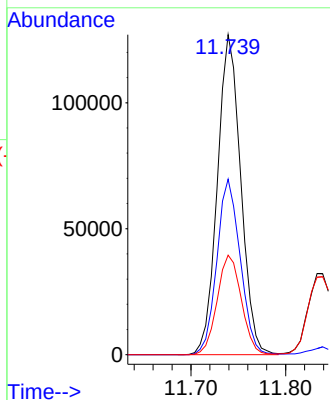
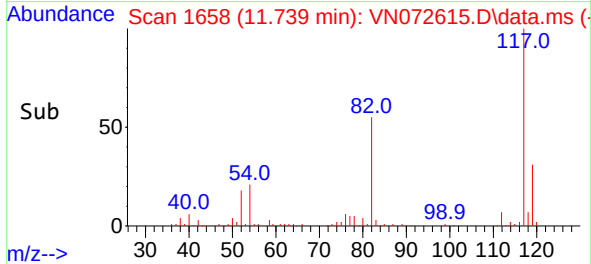
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



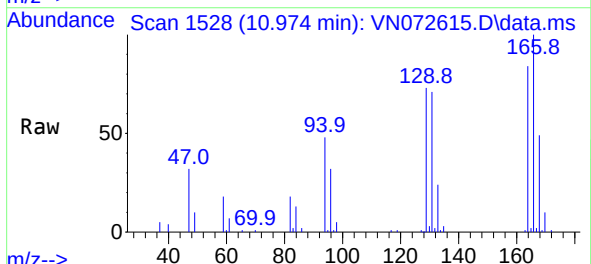
Tgt Ion:117 Resp: 218394
Ion Ratio Lower Upper
117 100
82 54.9 44.2 66.2
119 31.1 25.4 38.0

Manual Integrations
APPROVED

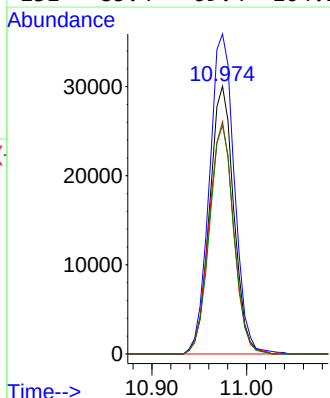
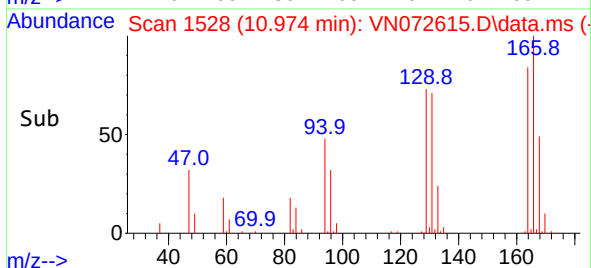
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

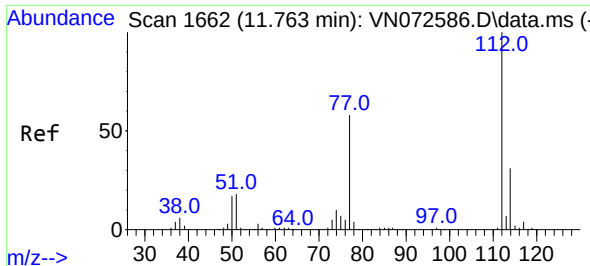


#64
Tetrachloroethene
Concen: 32.963 ug/l
RT: 10.974 min Scan# 1528
Delta R.T. 0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57



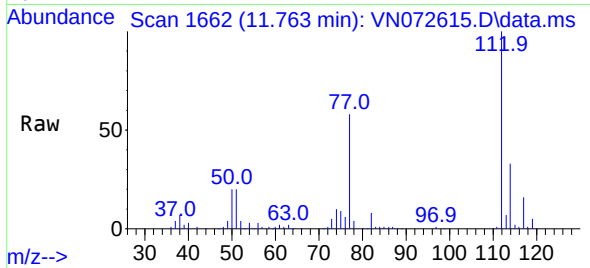
Tgt Ion:164 Resp: 53187
Ion Ratio Lower Upper
164 100
166 119.5 104.2 156.2
129 86.7 73.9 110.9
131 85.4 69.4 104.2





#65
Chlorobenzene
Concen: 45.554 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

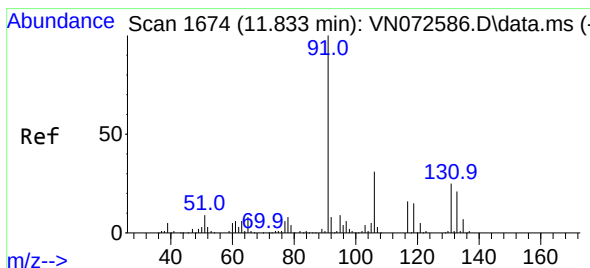
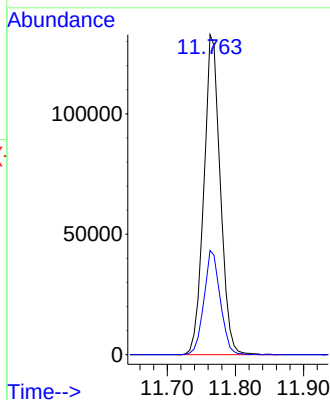
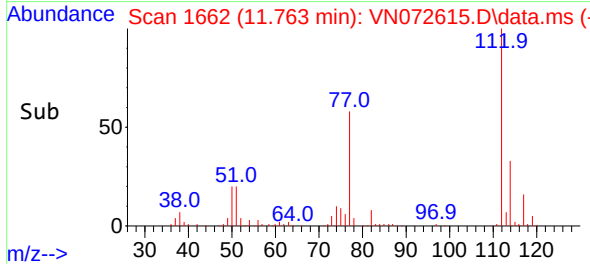
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



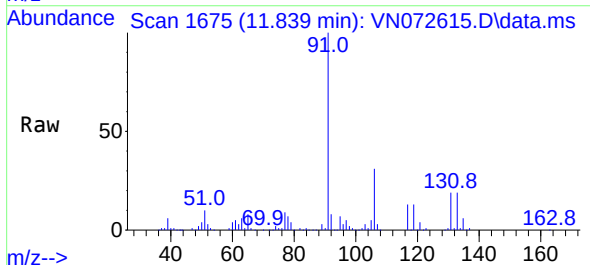
Tgt Ion:112 Resp: 22260
Ion Ratio Lower Upper
112 100
114 32.6 25.4 38.2

Manual Integrations
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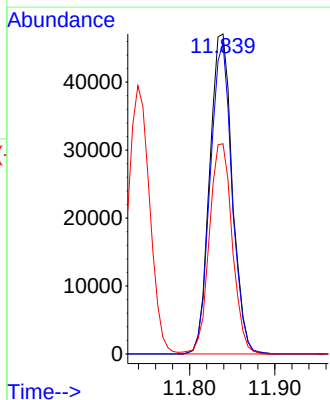
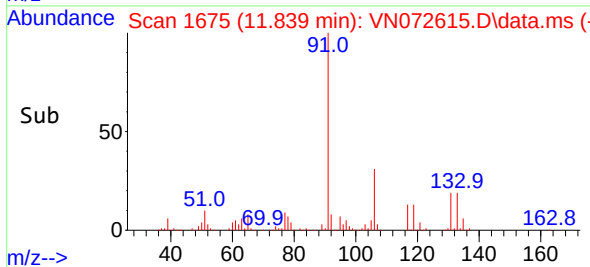
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

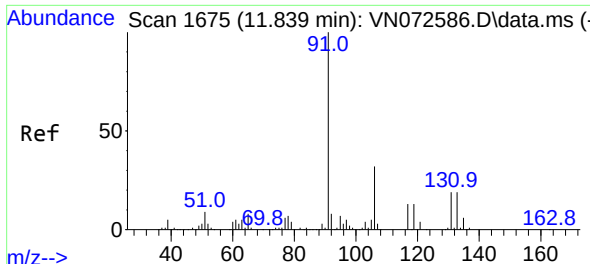


#66
1,1,1,2-Tetrachloroethane
Concen: 46.973 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57



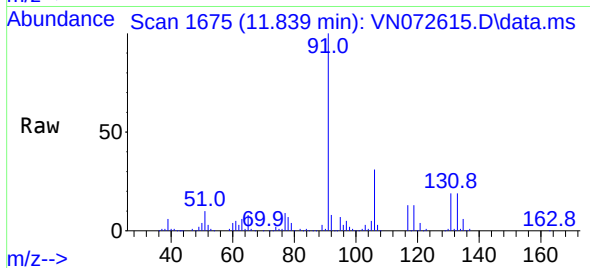
Tgt Ion:131 Resp: 86786
Ion Ratio Lower Upper
131 100
133 94.1 47.8 143.4
119 66.7 33.4 100.2





#67
Ethyl Benzene
Concen: 49.572 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

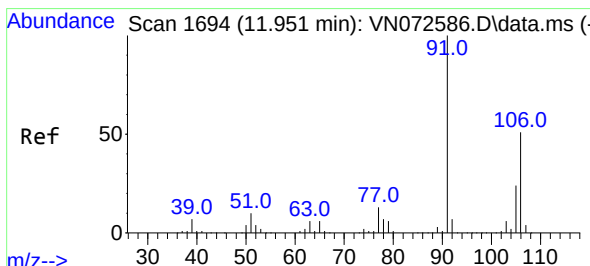
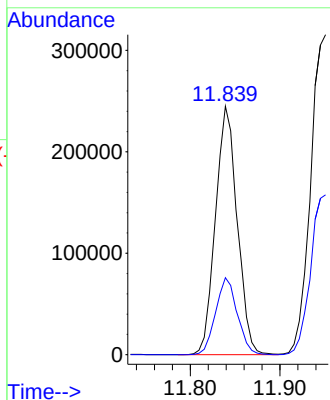
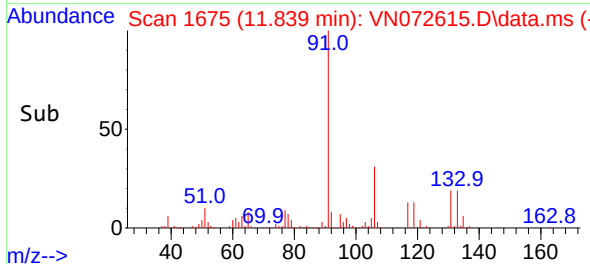
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



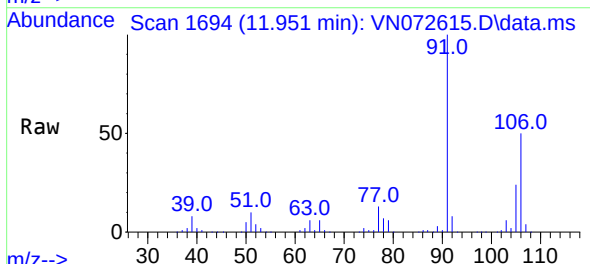
Tgt Ion: 91 Resp: 41234
Ion Ratio Lower Upper
91 100
106 30.9 24.9 37.3

Manual Integrations
APPROVED

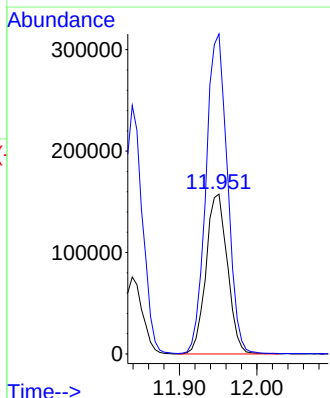
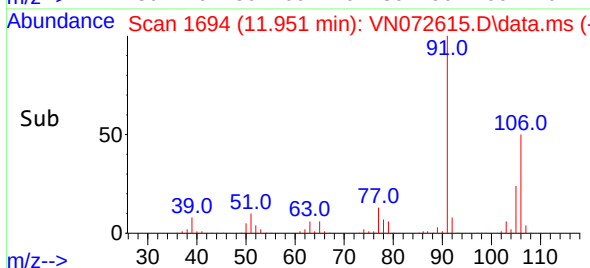
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

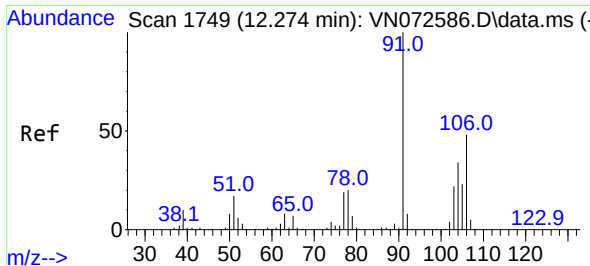


#68
m/p-Xylenes
Concen: 95.721 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57



Tgt Ion:106 Resp: 303485
Ion Ratio Lower Upper
106 100
91 199.8 158.9 238.3





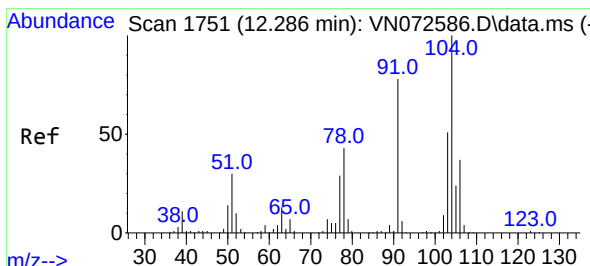
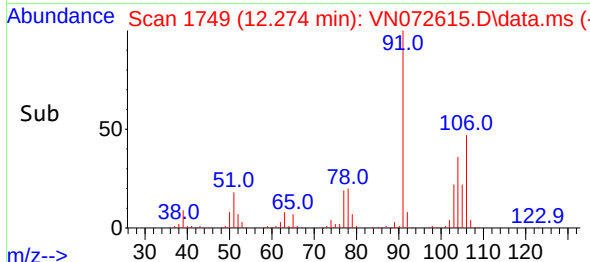
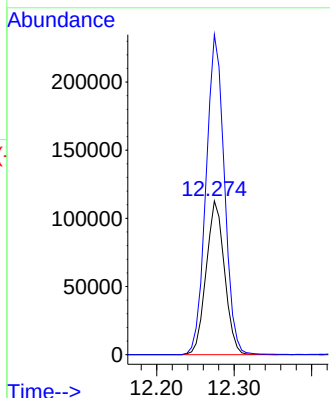
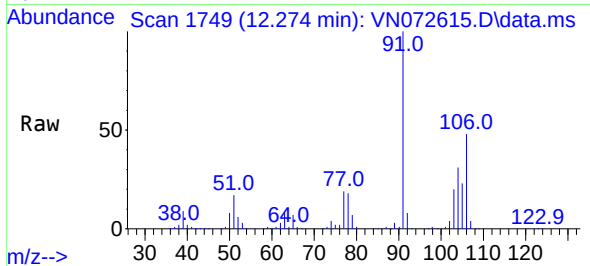
#69
o-Xylene
Concen: 60.585 ug/l
RT: 12.274 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 185680
Ion Ratio Lower Upper
106 100
91 208.1 106.0 318.0

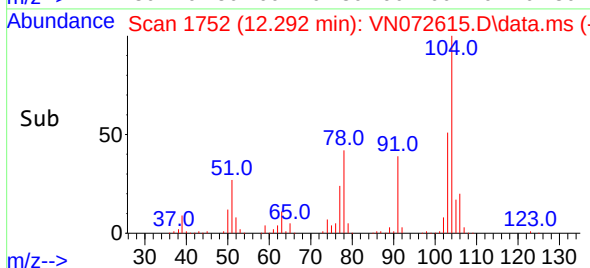
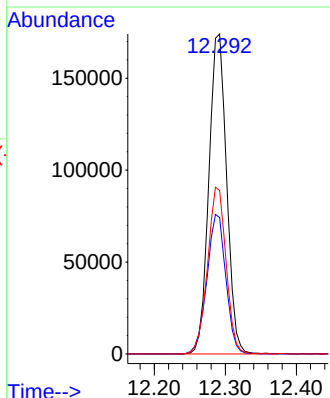
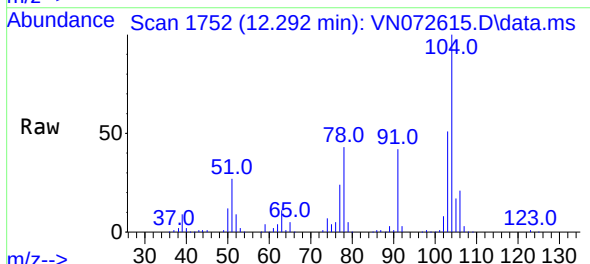
Manual Integrations
APPROVED

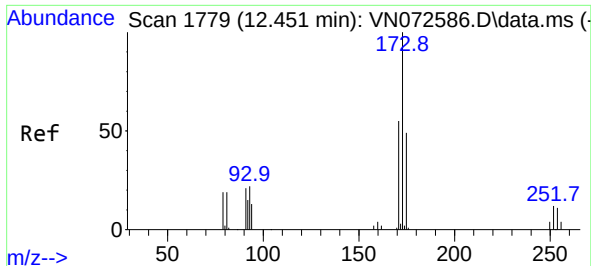
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#70
Styrene
Concen: 60.908 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.006 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

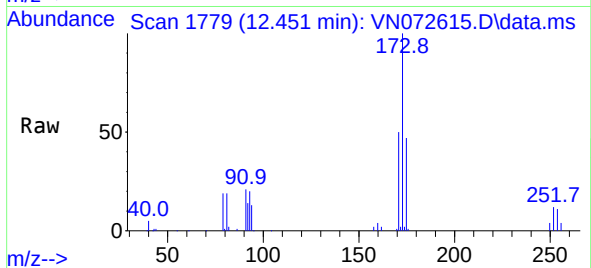
Tgt Ion:104 Resp: 302105
Ion Ratio Lower Upper
104 100
78 46.6 39.5 59.3
103 54.6 44.0 66.0





#71
Bromoform
Concen: 57.706 ug/l
RT: 12.451 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

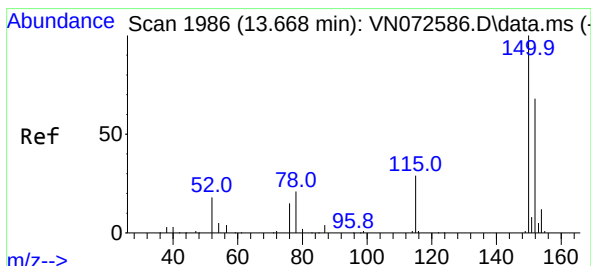
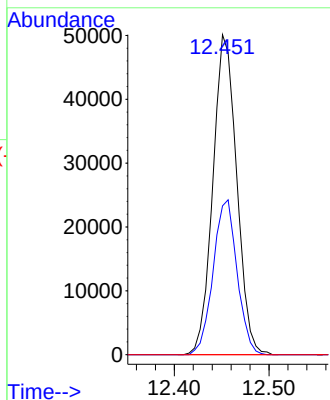
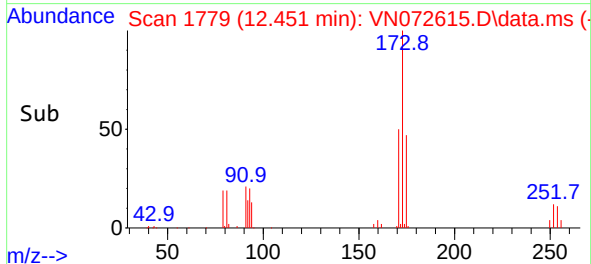
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



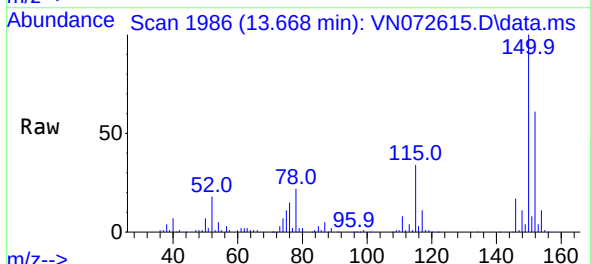
Tgt Ion:173 Resp: 8763
Ion Ratio Lower Upper
173 100
175 48.6 24.6 73.6
254 0.0 0.1 0.1

Manual Integrations
APPROVED

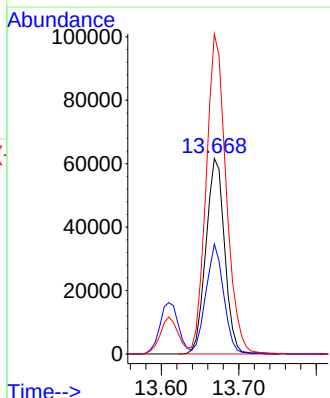
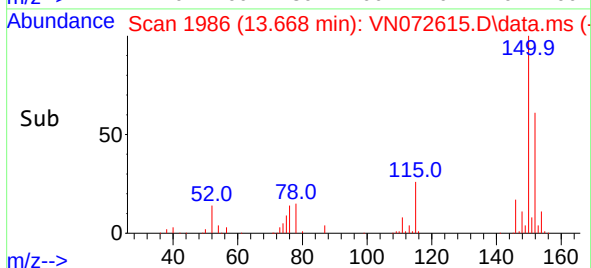
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

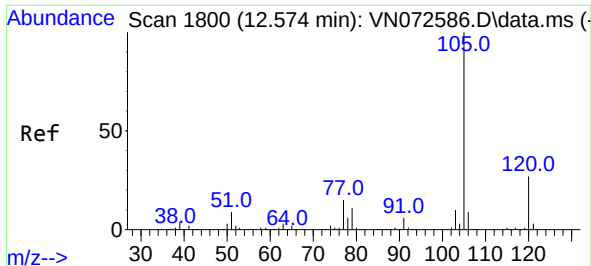


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57



Tgt Ion:152 Resp: 103388
Ion Ratio Lower Upper
152 100
115 53.6 28.9 86.7
150 175.2 0.0 356.2





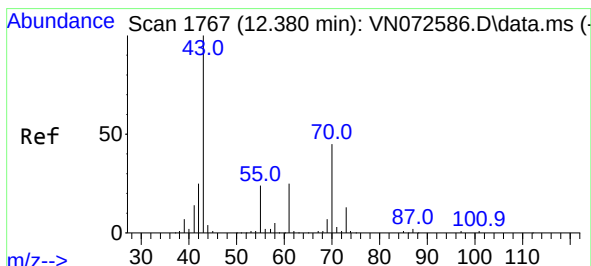
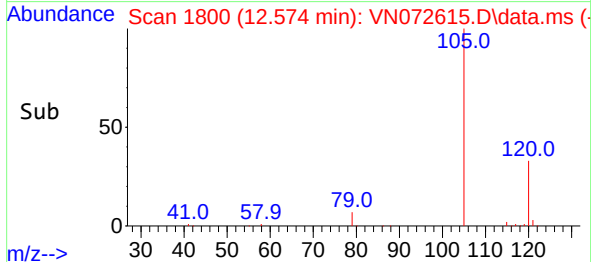
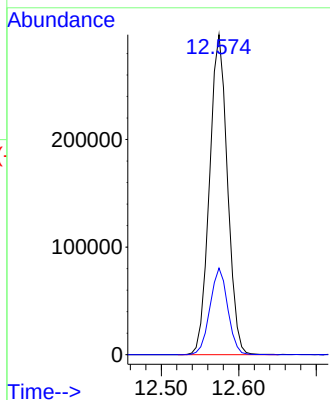
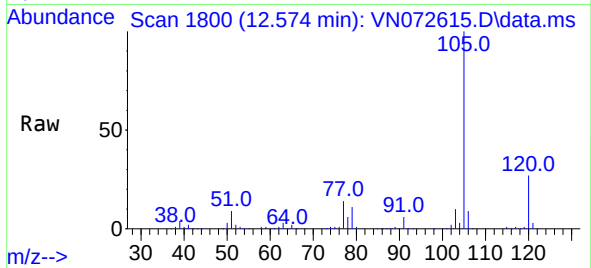
#73
Isopropylbenzene
Concen: 52.018 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:105 Resp: 479064
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4

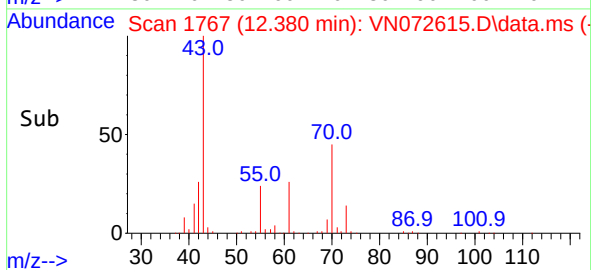
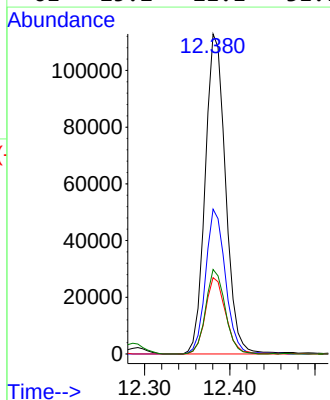
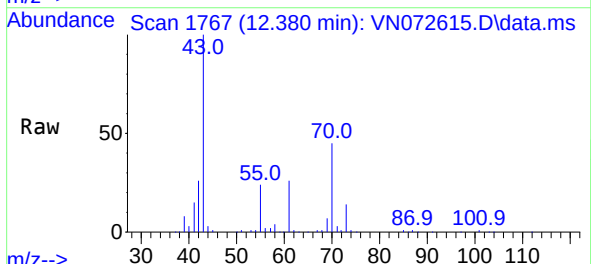
Manual Integrations
APPROVED

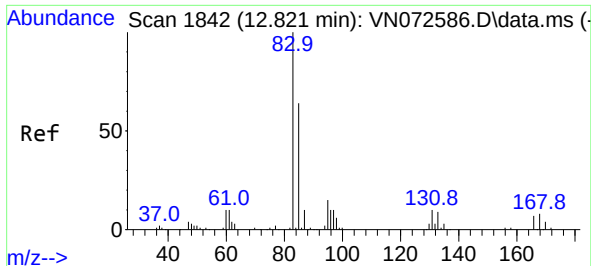
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#74
N-ethyl acetate
Concen: 56.574 ug/l
RT: 12.380 min Scan# 1767
Delta R.T. 0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

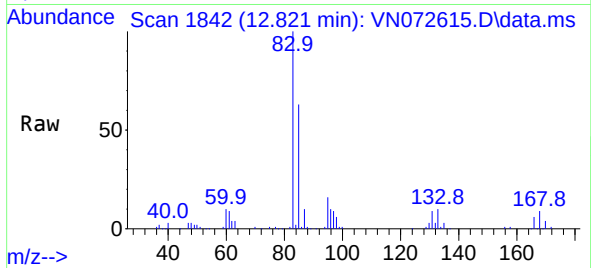
Tgt Ion: 43 Resp: 187015
Ion Ratio Lower Upper
43 100
70 44.2 39.0 58.4
55 23.8 21.1 31.7
61 25.2 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 46.046 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

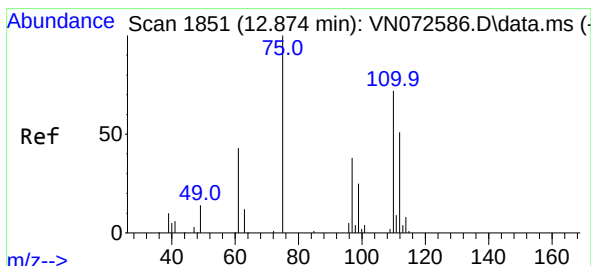
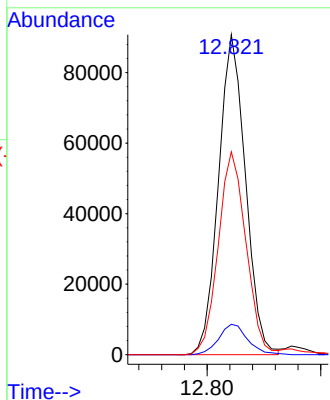
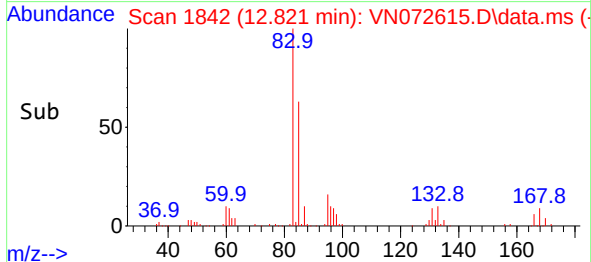
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



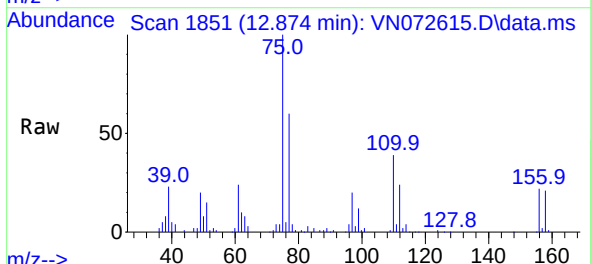
Tgt Ion: 83 Resp: 14975
Ion Ratio Lower Upper
83 100
131 10.2 5.3 15.9
85 65.1 32.3 96.9

Manual Integrations
APPROVED

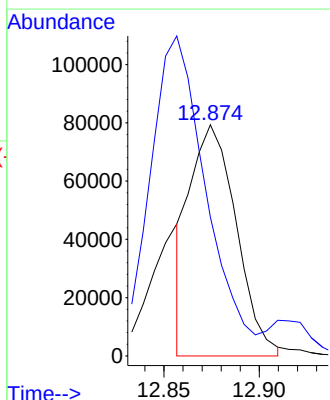
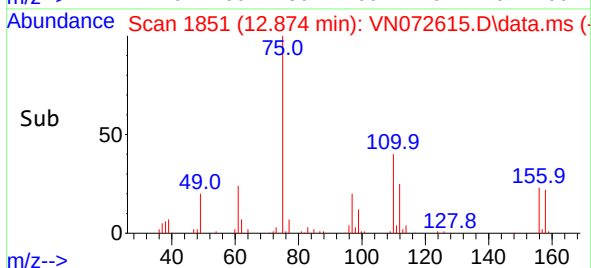
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

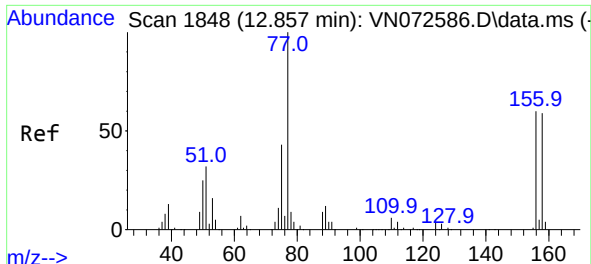


#76
1,2,3-Trichloropropane
Concen: 47.689 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57



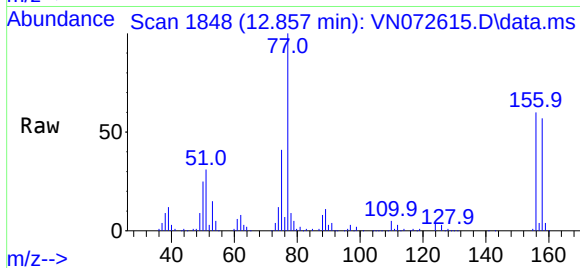
Tgt Ion: 75 Resp: 133860
Ion Ratio Lower Upper
75 100
77 167.8 98.5 295.5





#77
Bromobenzene
Concen: 50.829 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

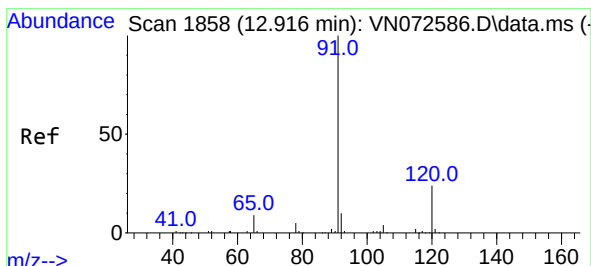
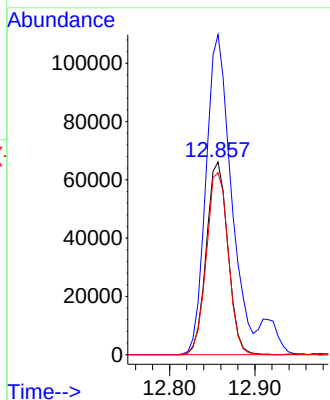
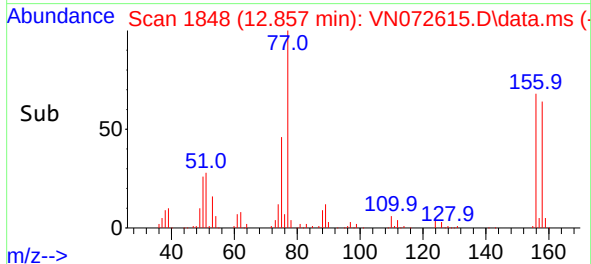
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



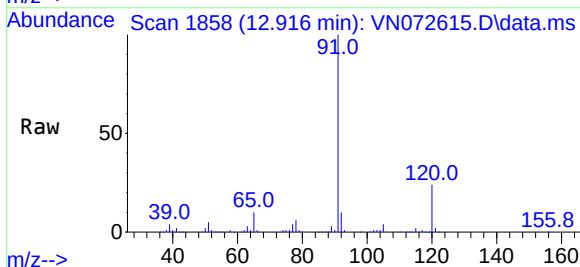
Tgt Ion:156 Resp: 116125
Ion Ratio Lower Upper
156 100
77 193.4 100.5 301.5
158 95.9 48.9 146.6

Manual Integrations
APPROVED

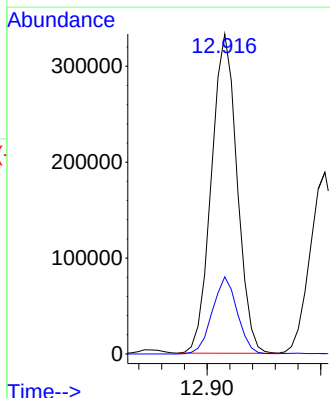
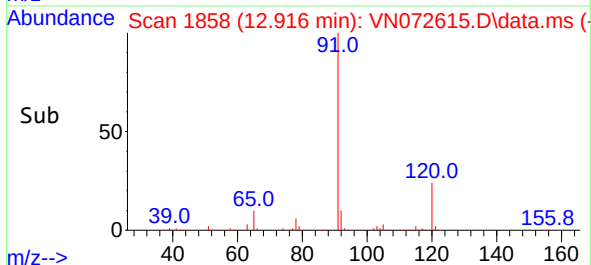
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

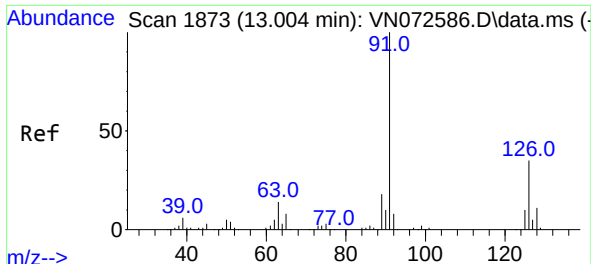


#78
n-propylbenzene
Concen: 51.270 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.001 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57



Tgt Ion: 91 Resp: 523555
Ion Ratio Lower Upper
91 100
120 23.4 11.9 35.5





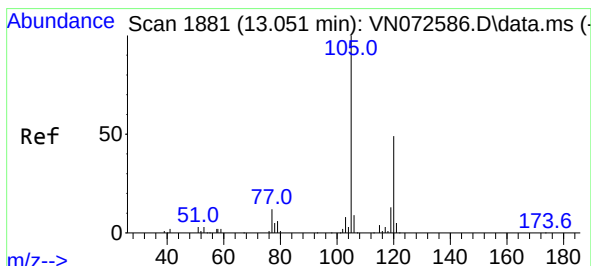
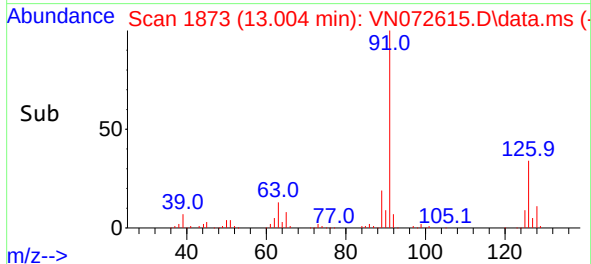
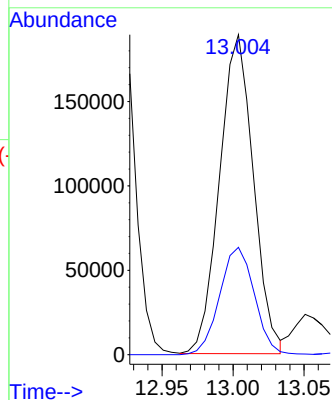
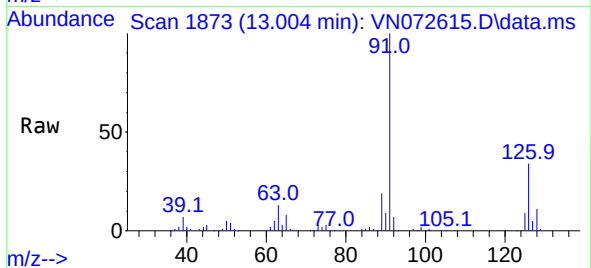
#79
2-Chlorotoluene
Concen: 49.608 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 312960
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.9

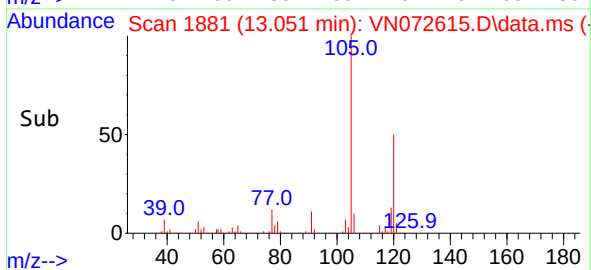
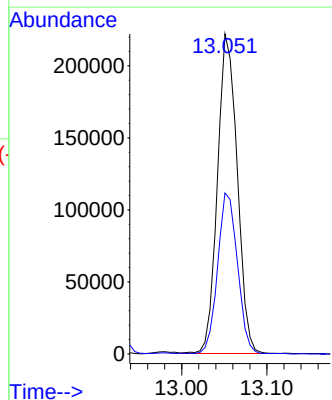
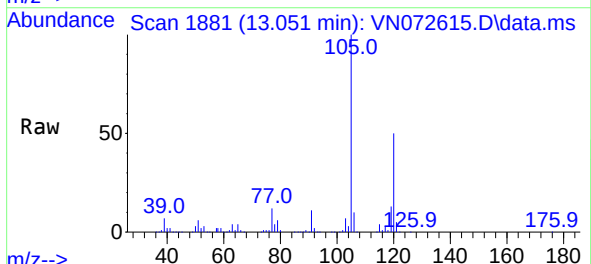
Manual Integrations
APPROVED

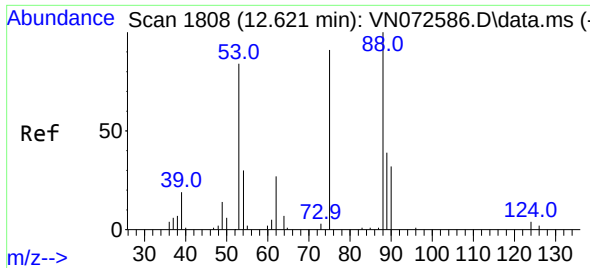
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#80
1,3,5-Trimethylbenzene
Concen: 49.960 ug/l
RT: 13.051 min Scan# 1881
Delta R.T. -0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

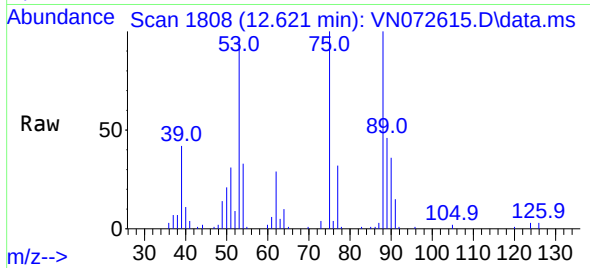
Tgt Ion:105 Resp: 357882
Ion Ratio Lower Upper
105 100
120 50.8 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 47.395 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

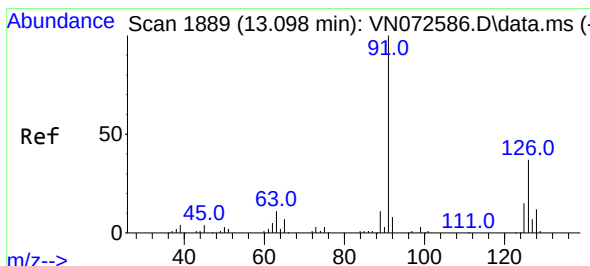
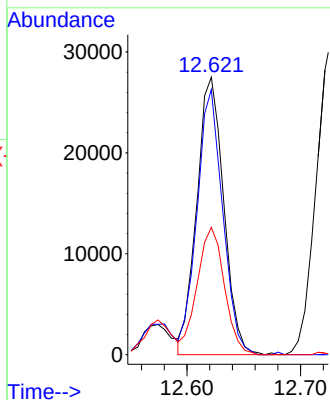
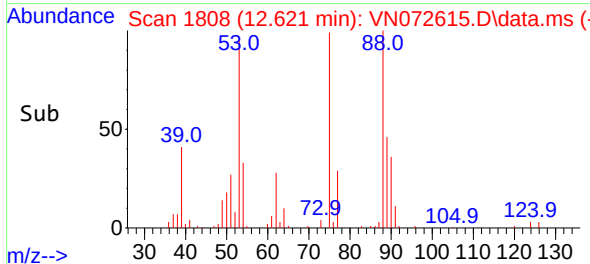
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



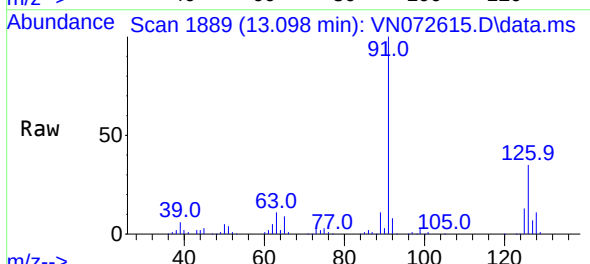
Tgt Ion: 75 Resp: 45332
Ion Ratio Lower Upper
75 100
53 91.4 78.0 117.0
89 46.6 37.2 55.8

Manual Integrations
APPROVED

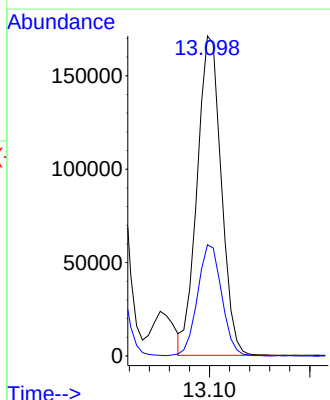
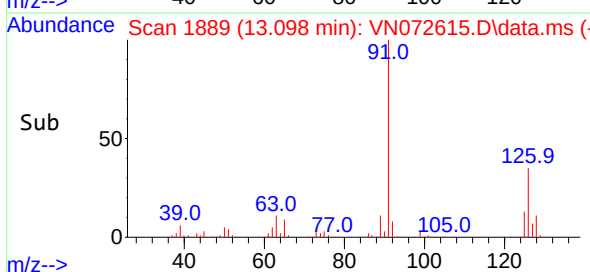
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

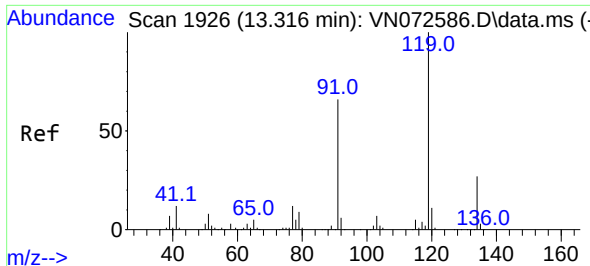


#82
4-Chlorotoluene
Concen: 49.518 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57



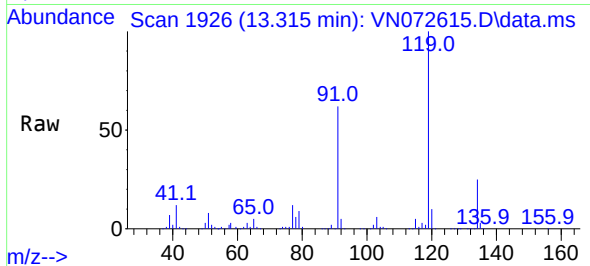
Tgt Ion: 91 Resp: 285669
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6





#83
tert-Butylbenzene
Concen: 52.216 ug/l
RT: 13.315 min Scan# 1926
Delta R.T. -0.001 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

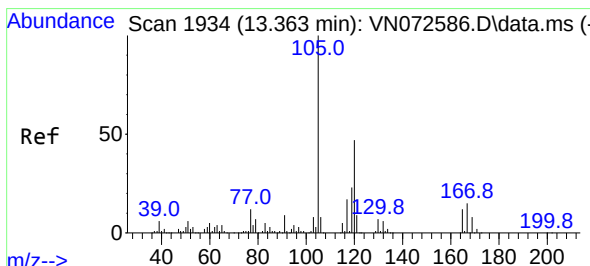
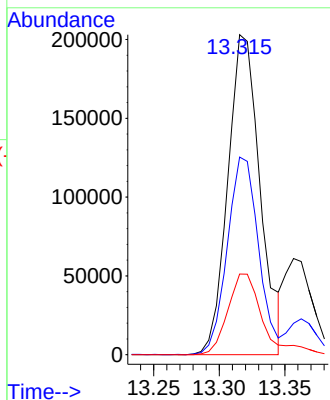
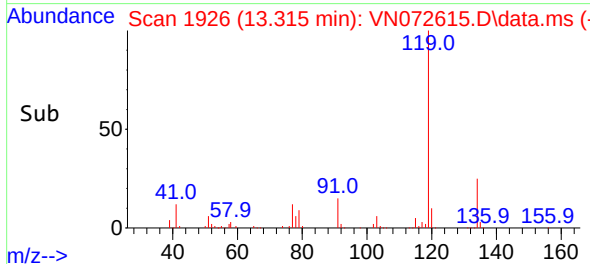
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



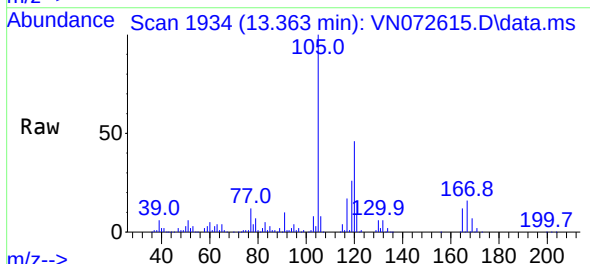
Tgt Ion:119 Resp: 348318
Ion Ratio Lower Upper
119 100
91 59.7 31.6 94.8
134 27.2 13.7 41.1

Manual Integrations
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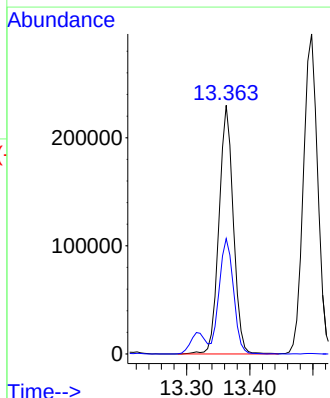
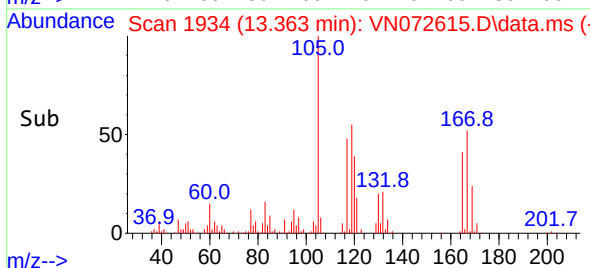
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

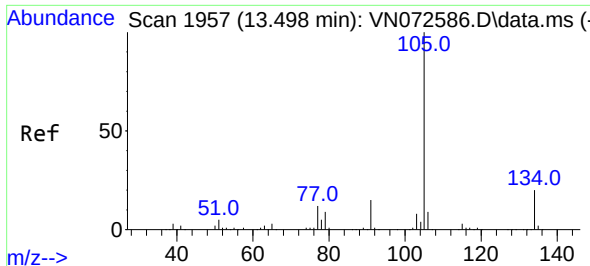


#84
1,2,4-Trimethylbenzene
Concen: 51.486 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57



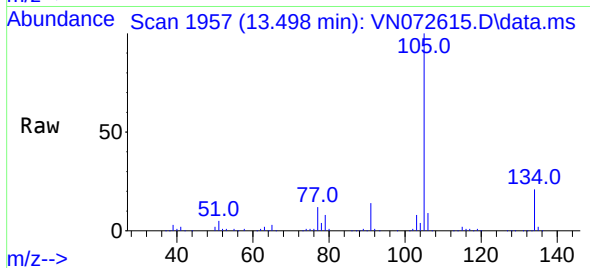
Tgt Ion:105 Resp: 361664
Ion Ratio Lower Upper
105 100
120 46.9 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 52.467 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072615.D
 Acq: 25 May 2022 02:57

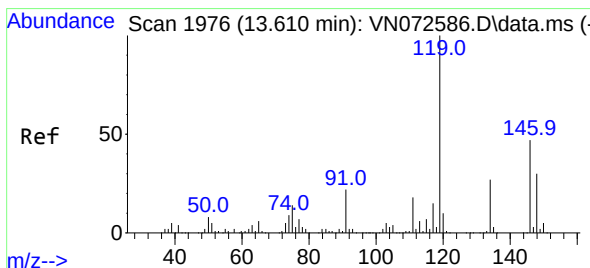
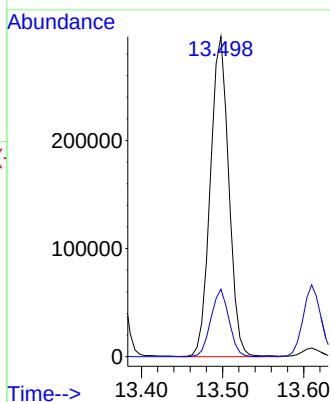
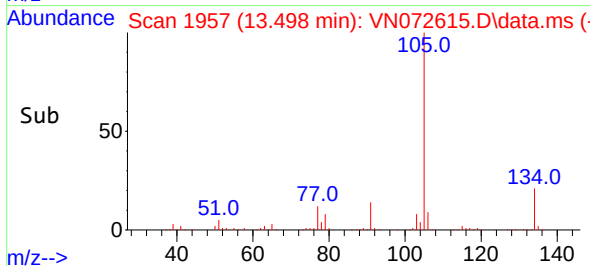
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



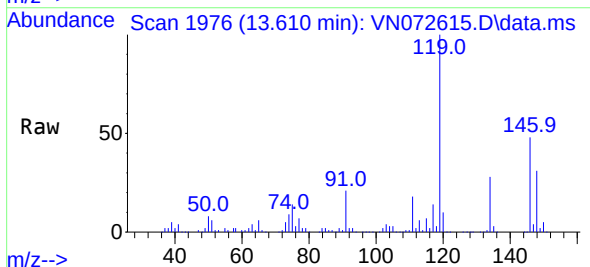
Tgt Ion:105 Resp: 468040
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.4 31.1

Manual Integrations
 APPROVED

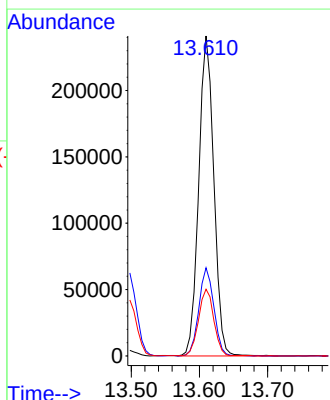
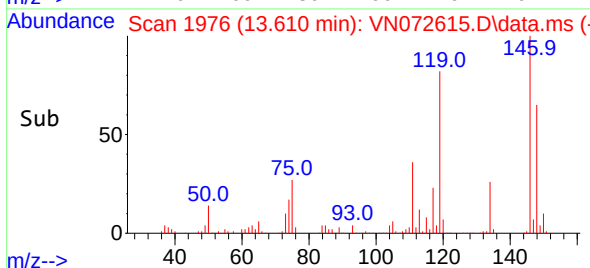
Reviewed By :John Carlone 05/25/2022
 Supervised By :Mahesh Dadoda 05/25/2022

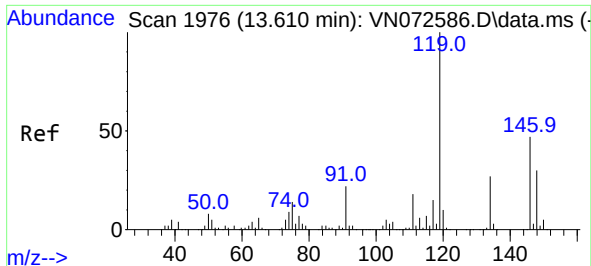


#86
 p-Isopropyltoluene
 Concen: 52.824 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072615.D
 Acq: 25 May 2022 02:57



Tgt Ion:119 Resp: 371540
 Ion Ratio Lower Upper
 119 100
 134 27.4 13.3 39.8
 91 20.9 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 48.558 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN072615.D

Acq: 25 May 2022 02:57

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 18723

Ion Ratio Lower Upper

146 100

111 37.0 20.0 60.0

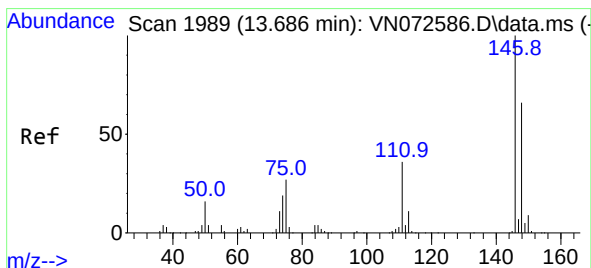
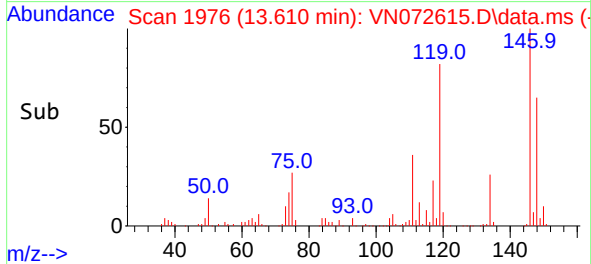
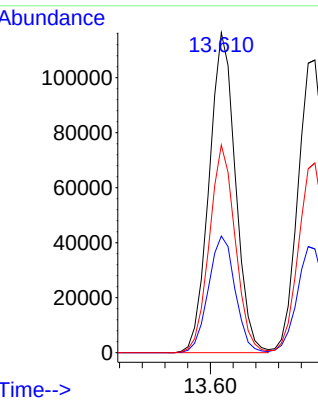
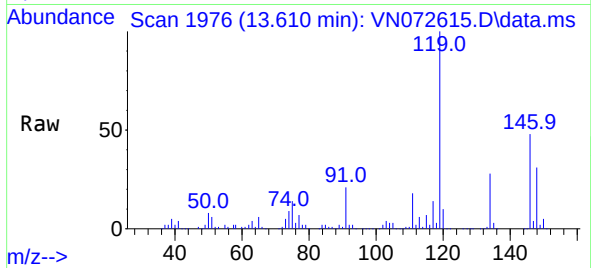
148 63.7 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/25/2022

Supervised By :Mahesh Dadoda 05/25/2022



#88

1,4-Dichlorobenzene

Concen: 47.983 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. 0.006 min

Lab File: VN072615.D

Acq: 25 May 2022 02:57

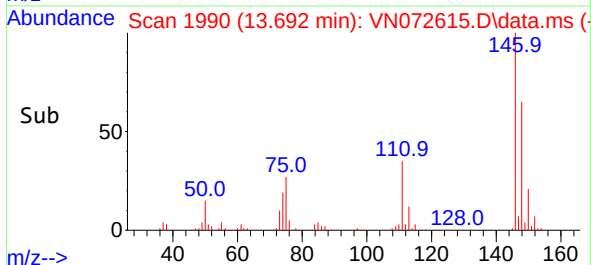
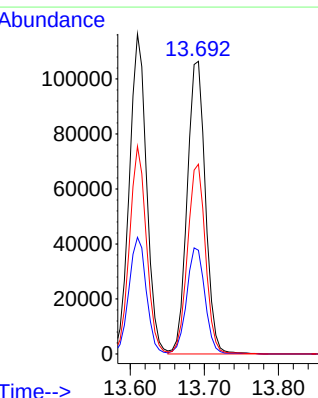
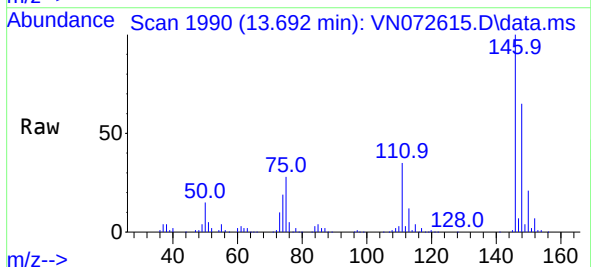
Tgt Ion:146 Resp: 181516

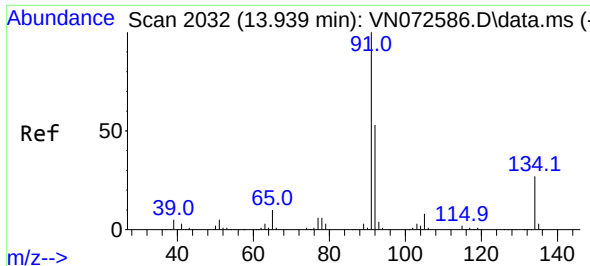
Ion Ratio Lower Upper

146 100

111 36.6 19.1 57.1

148 64.1 31.4 94.3





#89
n-Butylbenzene
Concen: 49.901 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

Instrument :

MSVOA_N

ClientSampleId :

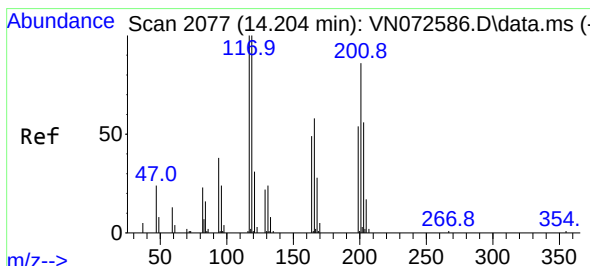
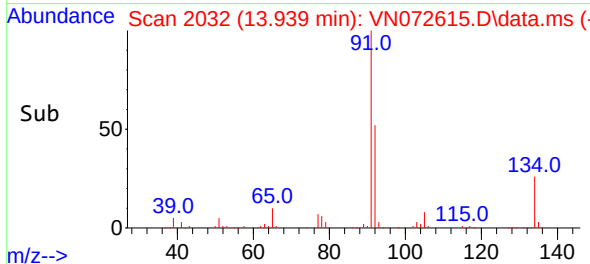
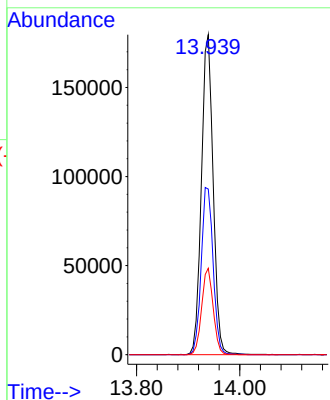
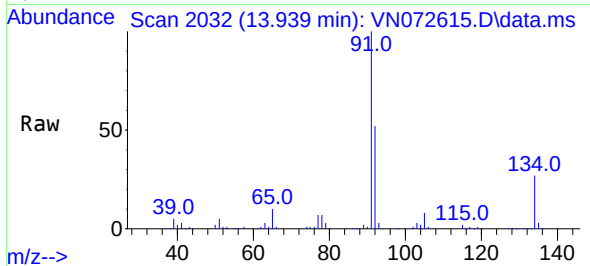
VSTDCCC050EC

Tgt Ion: 91 Resp: 28319
Ion Ratio Lower Upper
91 100
92 53.0 26.9 80.7
134 26.5 13.6 40.8

Manual Integrations

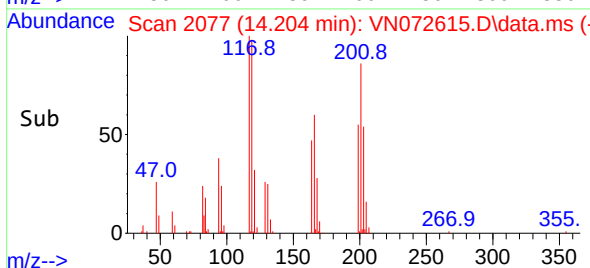
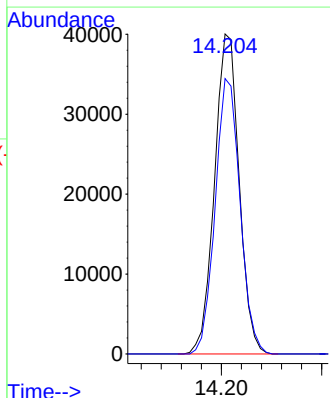
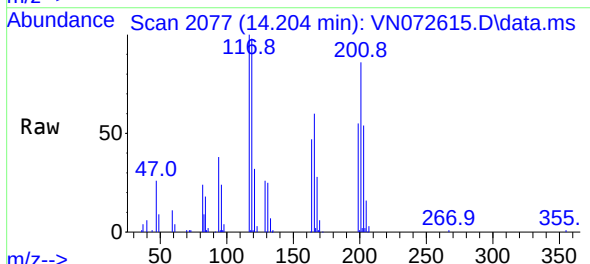
APPROVED

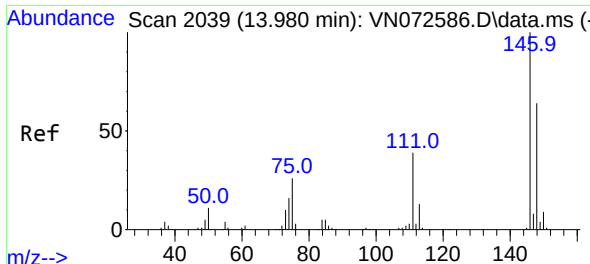
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#90
Hexachloroethane
Concen: 49.028 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

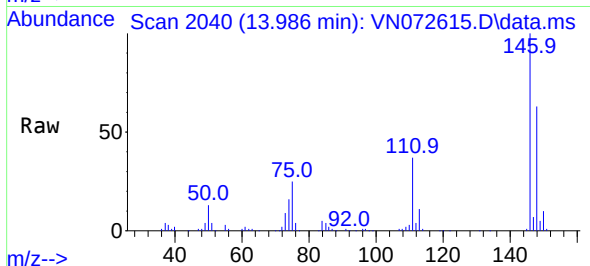
Tgt Ion:117 Resp: 68173
Ion Ratio Lower Upper
117 100
201 87.0 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 49.849 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.006 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

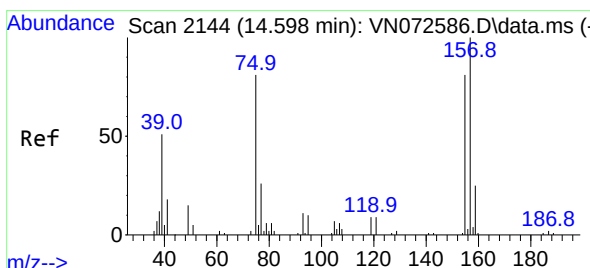
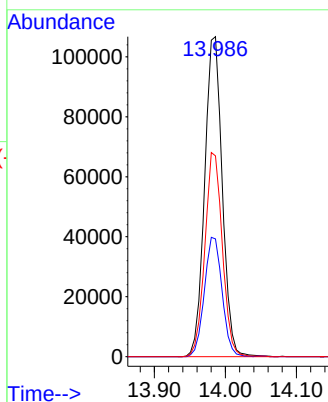
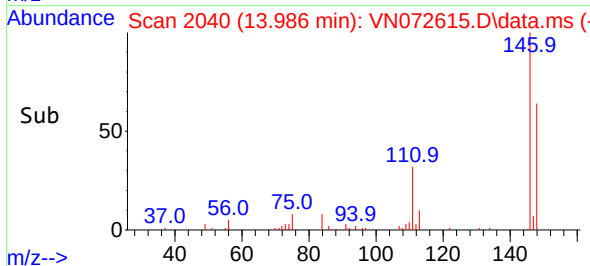
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



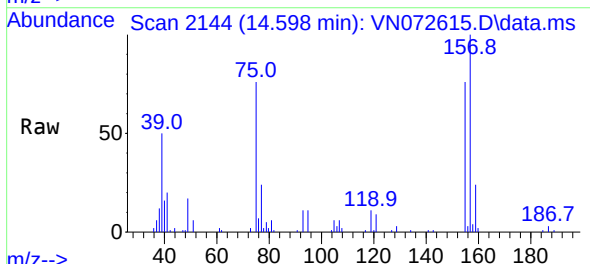
Tgt Ion:146 Resp: 184120
Ion Ratio Lower Upper
146 100
111 37.5 20.9 62.8
148 63.4 32.1 96.3

Manual Integrations
APPROVED

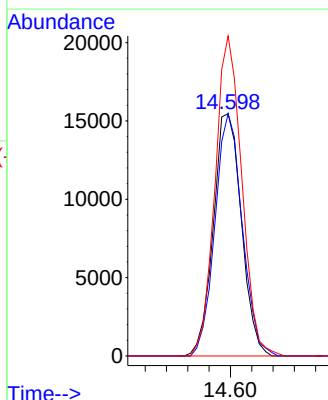
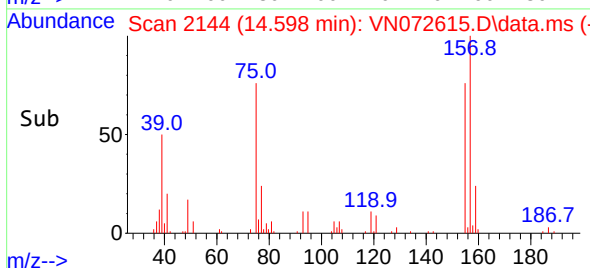
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

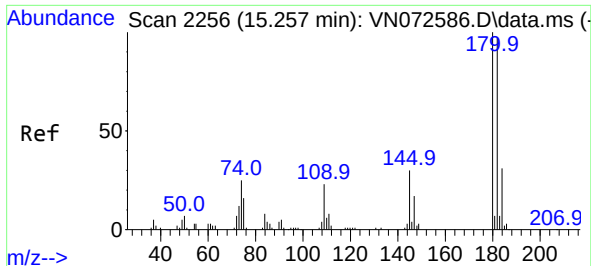


#92
1,2-Dibromo-3-Chloropropane
Concen: 50.952 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57



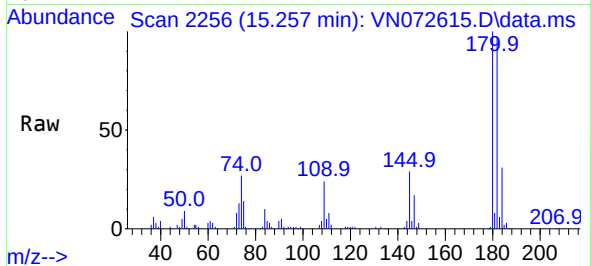
Tgt Ion: 75 Resp: 28248
Ion Ratio Lower Upper
75 100
155 97.2 44.9 134.5
157 125.5 59.0 176.8





#93
 1,2,4-Trichlorobenzene
 Concen: 44.068 ug/l
 RT: 15.257 min Scan# 2115
 Delta R.T. -0.000 min
 Lab File: VN072615.D
 Acq: 25 May 2022 02:57

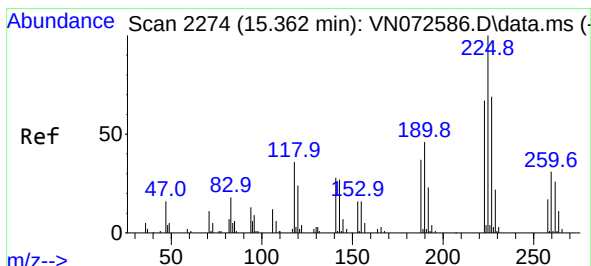
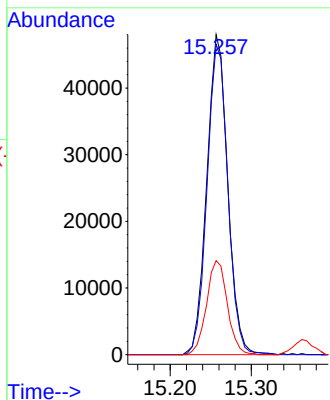
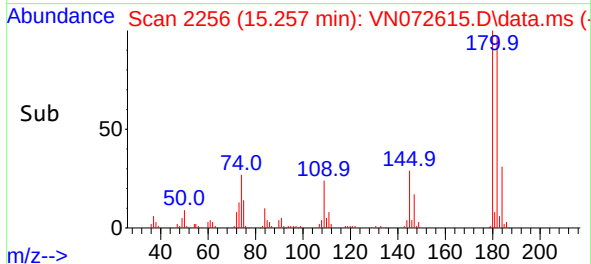
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



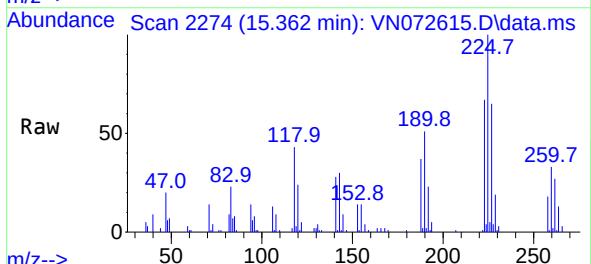
Tgt Ion:180 Resp: 85730
 Ion Ratio Lower Upper
 180 100
 182 96.4 47.5 142.5
 145 29.3 14.5 43.5

Manual Integrations
 APPROVED

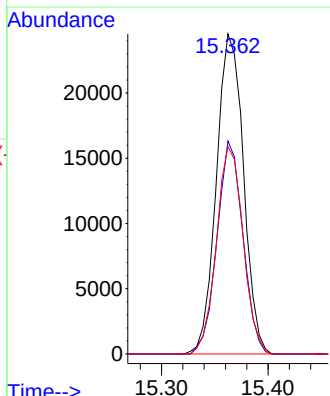
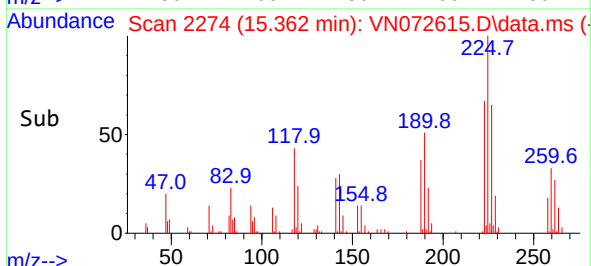
Reviewed By :John Carlone 05/25/2022
 Supervised By :Mahesh Dadoda 05/25/2022

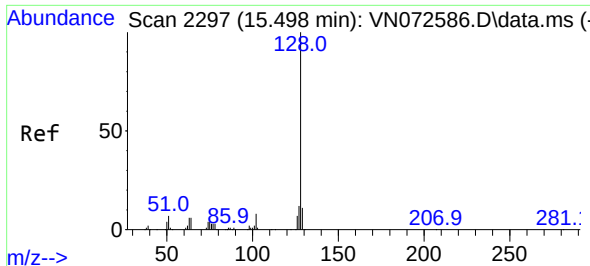


#94
 Hexachlorobutadiene
 Concen: 37.685 ug/l
 RT: 15.362 min Scan# 2274
 Delta R.T. 0.000 min
 Lab File: VN072615.D
 Acq: 25 May 2022 02:57



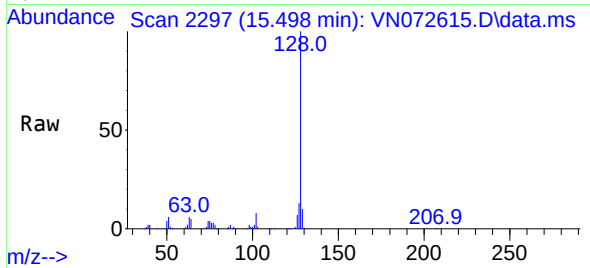
Tgt Ion:225 Resp: 43266
 Ion Ratio Lower Upper
 225 100
 223 63.6 32.4 97.2
 227 63.8 31.8 95.4





#95
Naphthalene
Concen: 41.856 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57

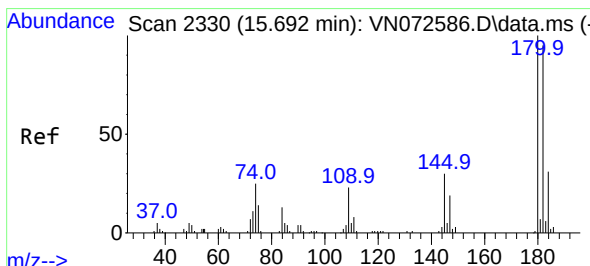
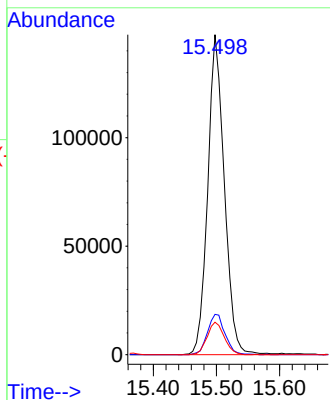
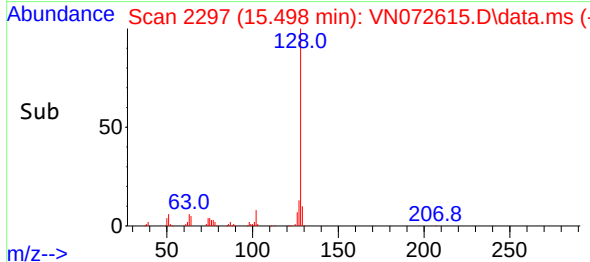
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



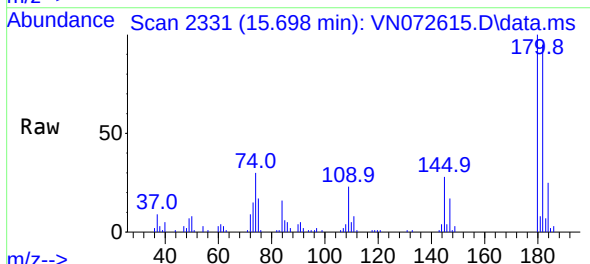
Tgt Ion:128 Resp: 269310
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 10.5 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#96
1,2,3-Trichlorobenzene
Concen: 27.684 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. 0.006 min
Lab File: VN072615.D
Acq: 25 May 2022 02:57



Tgt Ion:180 Resp: 57666
Ion Ratio Lower Upper
180 100
182 95.5 47.8 143.3
145 29.1 15.5 46.5

