

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050522\
 Data File : VN072345.D
 Acq On : 05 May 2022 17:50
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 06 01:36:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/06/2022
 Supervised By : Mahesh Dadoda 05/06/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	225847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	371163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	344539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	151909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	166454	48.007	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.020%		
35) Dibromofluoromethane	8.016	113	123270	51.889	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.780%		
50) Toluene-d8	10.439	98	479826	51.401	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	102.800%		
62) 4-Bromofluorobenzene	12.727	95	165729	53.488	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	106.980%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	112482	44.417	ug/l	95
3) Chloromethane	2.299	50	112036	39.268	ug/l	97
4) Vinyl Chloride	2.440	62	93961	36.957	ug/l	98
5) Bromomethane	2.828	94	55364	45.280	ug/l	98
6) Chloroethane	2.999	64	58750	40.569	ug/l	100
7) Trichlorofluoromethane	3.369	101	194932	43.887	ug/l	97
8) Diethyl Ether	3.822	74	75241	46.781	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.210	101	112276	48.122	ug/l	98
10) Methyl Iodide	4.416	142	131837	46.551	ug/l #	89
11) Tert butyl alcohol	5.369	59	130285	228.654	ug/l	98
12) 1,1-Dichloroethene	4.175	96	97767	45.325	ug/l	94
13) Acrolein	4.040	56	97367	169.802	ug/l	94
14) Allyl chloride	4.840	41	208303	46.510	ug/l	95
15) Acrylonitrile	5.546	53	398958	232.028	ug/l	99
16) Acetone	4.281	43	336433	225.058	ug/l	98
17) Carbon Disulfide	4.528	76	202413	39.957	ug/l	99
18) Methyl Acetate	4.851	43	200762	48.039	ug/l	91
19) Methyl tert-butyl Ether	5.610	73	423768	50.119	ug/l	99
20) Methylene Chloride	5.093	84	125917	43.944	ug/l	91
21) trans-1,2-Dichloroethene	5.598	96	106612	44.822	ug/l	90
22) Diisopropyl ether	6.493	45	458454	49.697	ug/l	96
23) Vinyl Acetate	6.428	43	1904899	245.868	ug/l #	93
24) 1,1-Dichloroethane	6.387	63	234940	45.530	ug/l	99
25) 2-Butanone	7.328	43	550525	231.246	ug/l	93
26) 2,2-Dichloropropane	7.322	77	198917	49.350	ug/l	97
27) cis-1,2-Dichloroethene	7.322	96	137810	47.526	ug/l	93
28) Bromochloromethane	7.651	49	108010	46.746	ug/l	85
29) Tetrahydrofuran	7.681	42	357367	228.734	ug/l	89
30) Chloroform	7.810	83	243357	46.971	ug/l	97
31) Cyclohexane	8.092	56	190790	41.183	ug/l	90
32) 1,1,1-Trichloroethane	8.010	97	214629	48.679	ug/l	100
36) 1,1-Dichloropropene	8.216	75	166523	48.157	ug/l	97
37) Ethyl Acetate	7.404	43	217317	47.323	ug/l	97
38) Carbon Tetrachloride	8.204	117	181261	48.943	ug/l	100
39) Methylcyclohexane	9.457	83	188756	48.806	ug/l	95
40) Benzene	8.457	78	503978	46.987	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	125105	53.852	ug/l #	84
42) 1,2-Dichloroethane	8.522	62	202518	49.319	ug/l	98
43) Isopropyl Acetate	8.551	43	340562	47.277	ug/l	95
44) Trichloroethene	9.210	130	124719	49.987	ug/l	93
45) 1,2-Dichloropropane	9.486	63	141066	48.673	ug/l	94
46) Dibromomethane	9.569	93	93264	51.368	ug/l	90
47) Bromodichloromethane	9.757	83	195818	51.402	ug/l	100
48) Methyl methacrylate	9.557	41	151291	49.875	ug/l	93
49) 1,4-Dioxane	9.563	88	52471	984.723	ug/l #	89
51) 4-Methyl-2-Pentanone	10.328	43	1127791	260.287	ug/l	93
52) Toluene	10.504	92	320790	50.029	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	206114	53.823	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	216828	52.355	ug/l	93
55) 1,1,2-Trichloroethane	10.892	97	135679	50.466	ug/l	98
56) Ethyl methacrylate	10.757	69	219844	46.848	ug/l	91
57) 1,3-Dichloropropane	11.039	76	239034	50.666	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	280725	223.622	ug/l	95
59) 2-Hexanone	11.080	43	799066	261.754	ug/l	91
60) Dibromochloromethane	11.233	129	147372	53.605	ug/l	99
61) 1,2-Dibromoethane	11.339	107	134451	50.850	ug/l	99
64) Tetrachloroethene	10.975	164	106778	51.486	ug/l	95
65) Chlorobenzene	11.763	112	345265	49.596	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	135022	51.474	ug/l	99
67) Ethyl Benzene	11.839	91	622916	51.309	ug/l	99
68) m/p-Xylenes	11.951	106	472571	104.824	ug/l	94
69) o-Xylene	12.275	106	235417	53.865	ug/l	96
70) Styrene	12.292	104	385413	55.985	ug/l	98
71) Bromoform	12.457	173	104543	53.586	ug/l	100
73) Isopropylbenzene	12.575	105	619520	46.175	ug/l	100
74) N-amyl acetate	12.386	43	233293	46.413	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.822	83	209104	46.633	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	156092m	44.723	ug/l	
77) Bromobenzene	12.857	156	139456	43.954	ug/l	89
78) n-propylbenzene	12.916	91	701295	47.448	ug/l	97
79) 2-Chlorotoluene	13.004	91	430047	44.297	ug/l	96
80) 1,3,5-Trimethylbenzene	13.057	105	517977	46.358	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.622	75	61760	47.009	ug/l	95
82) 4-Chlorotoluene	13.098	91	413709	45.778	ug/l	96
83) tert-Butylbenzene	13.322	119	462238	47.117	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	498678	46.128	ug/l	99
85) sec-Butylbenzene	13.498	105	636675	49.779	ug/l	97
86) p-Isopropyltoluene	13.610	119	520466	52.196	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	252451	49.161	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	249833	50.028	ug/l	98
89) n-Butylbenzene	13.939	91	392780	51.426	ug/l	98
90) Hexachloroethane	14.204	117	94207	43.522	ug/l	86
91) 1,2-Dichlorobenzene	13.986	146	250413	49.476	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.598	75	40575	43.727	ug/l	85
93) 1,2,4-Trichlorobenzene	15.257	180	106949	45.917	ug/l	97
94) Hexachlorobutadiene	15.368	225	64486	47.547	ug/l	99
95) Naphthalene	15.504	128	319314	41.393	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	106975	46.095	ug/l	99

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VSTDCCC050EC

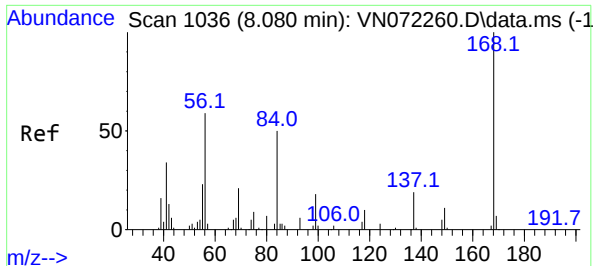
Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 05/06/2022

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Quant Title : SW846 8260
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Response via : Initial Calibration

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



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

Instrument :

MSVOA_N

ClientSampleId :

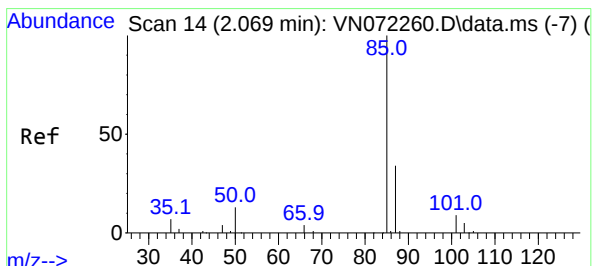
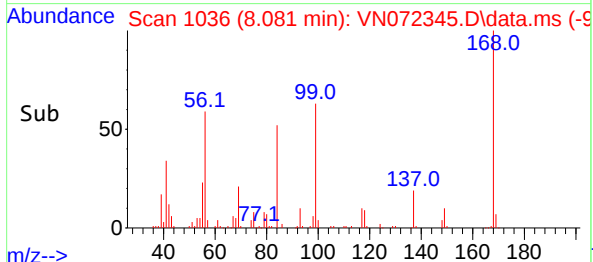
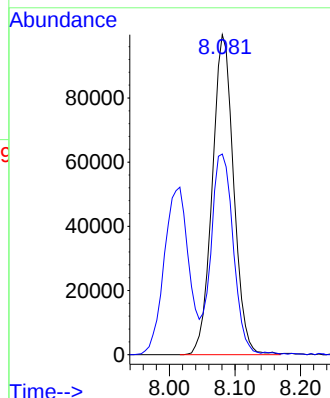
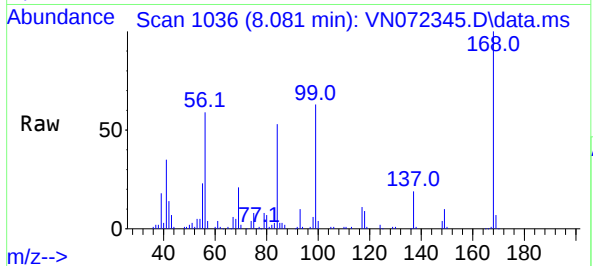
VSTDCCC050EC

Tgt Ion:168 Resp: 22584
Ion Ratio Lower Upper
168 100
99 62.5 42.3 63.5

Manual Integrations

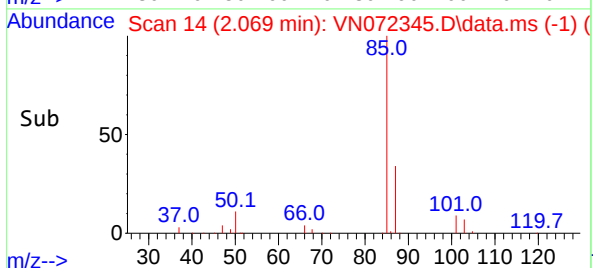
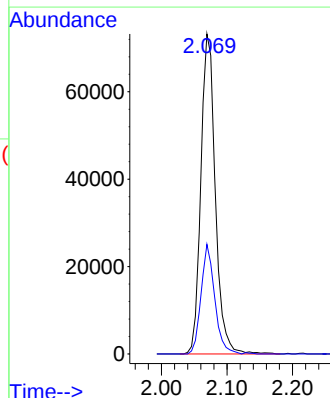
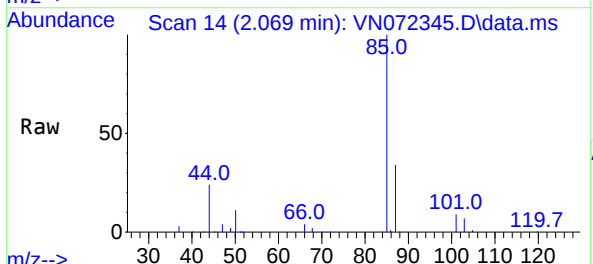
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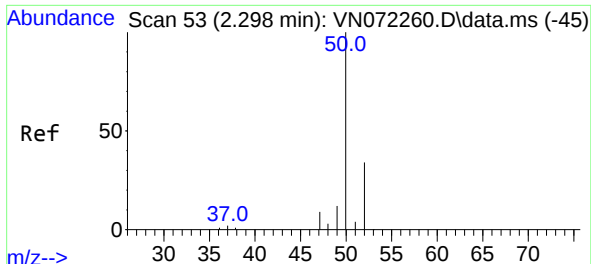
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022



#2
Dichlorodifluoromethane
Concen: 44.417 ug/l
RT: 2.069 min Scan# 14
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

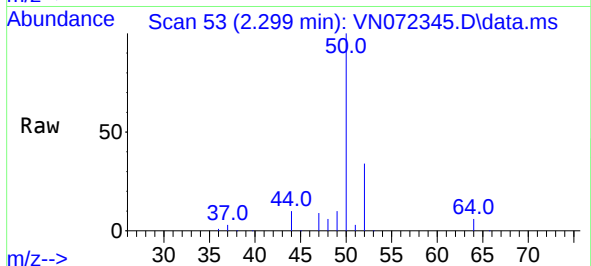
Tgt Ion: 85 Resp: 112482
Ion Ratio Lower Upper
85 100
87 34.2 15.7 47.1





#3
Chloromethane
Concen: 39.268 ug/l
RT: 2.299 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

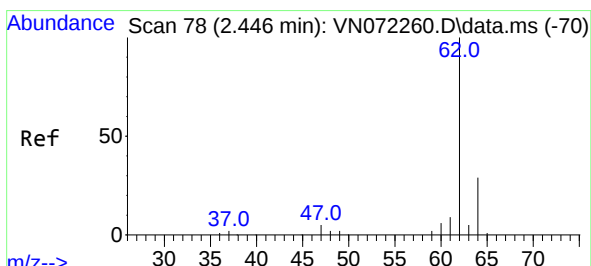
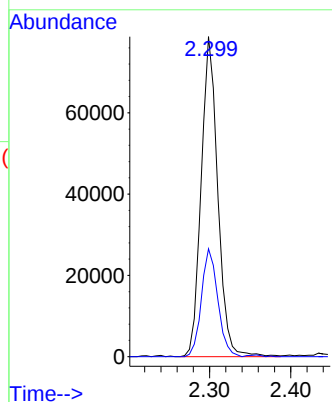
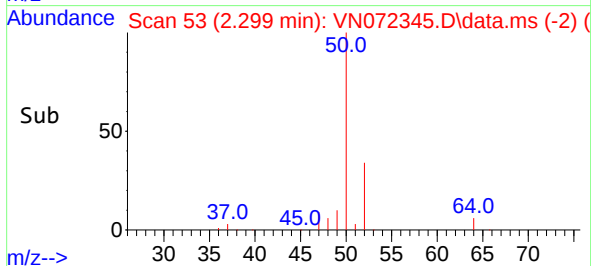
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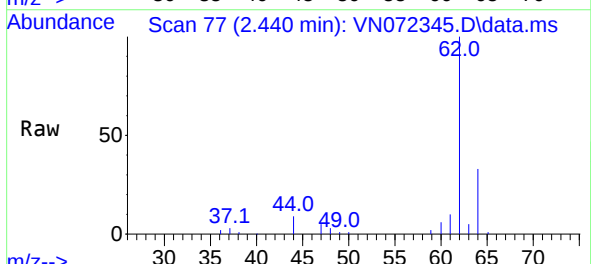
Tgt Ion: 50 Resp: 112036
Ion Ratio Lower Upper
50 100
52 33.7 25.7 38.5

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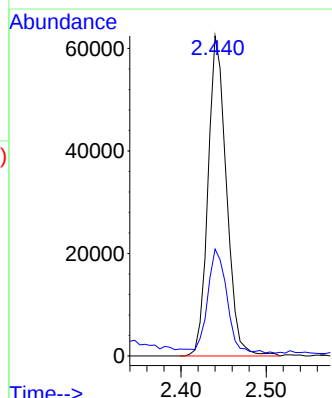
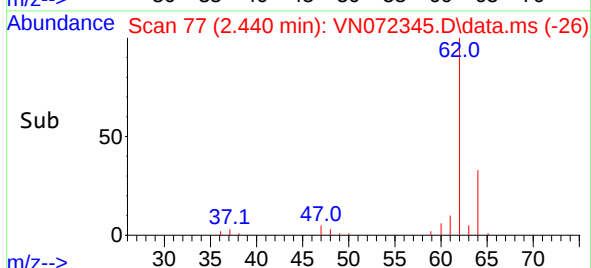
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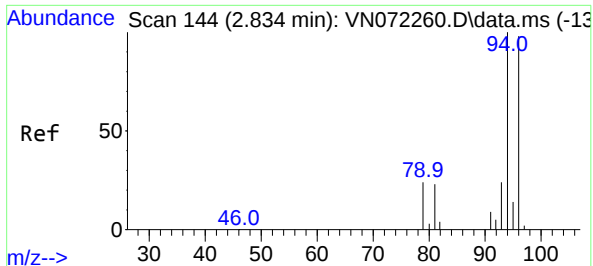


#4
Vinyl Chloride
Concen: 36.957 ug/l
RT: 2.440 min Scan# 77
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50



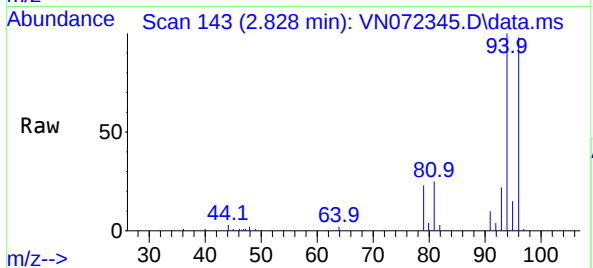
Tgt Ion: 62 Resp: 93961
Ion Ratio Lower Upper
62 100
64 32.3 25.0 37.4





#5
Bromomethane
Concen: 45.280 ug/l
RT: 2.828 min Scan# 144
Delta R.T. -0.006 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

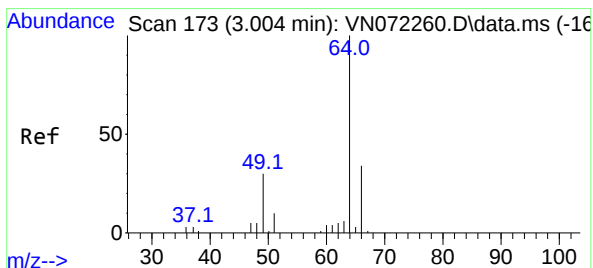
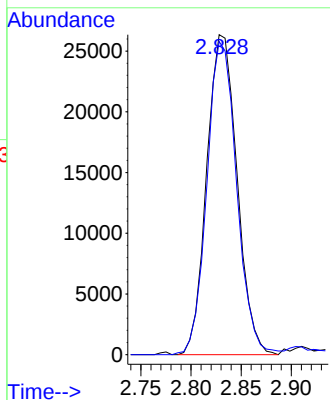
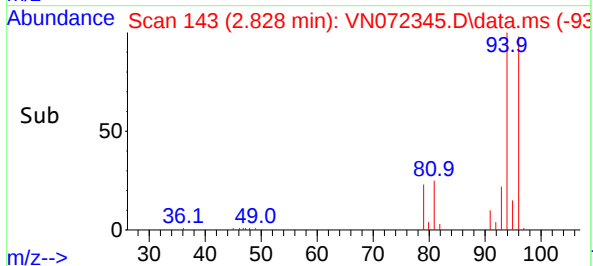
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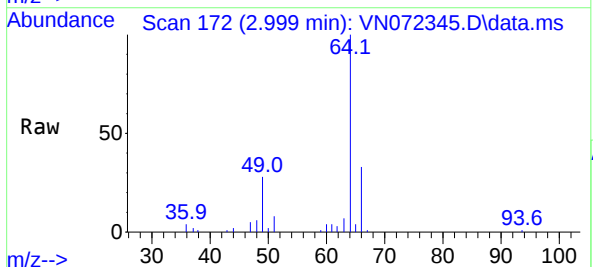
Tgt Ion: 94 Resp: 55364
Ion Ratio Lower Upper
94 100
96 97.3 76.0 114.0

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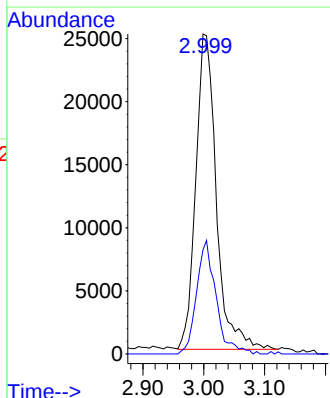
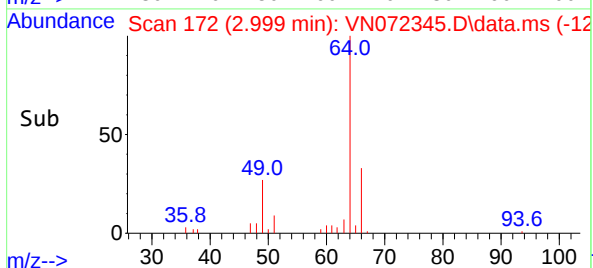
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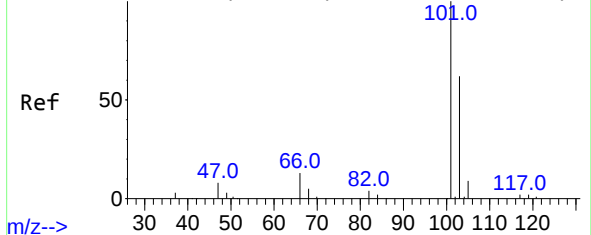
#6
Chloroethane
Concen: 40.569 ug/l
RT: 2.999 min Scan# 172
Delta R.T. -0.006 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50



Tgt Ion: 64 Resp: 58750
Ion Ratio Lower Upper
64 100
66 33.0 26.2 39.4



Abundance Scan 235 (3.369 min): VN072260.D\data.ms (-22



#7
Trichlorofluoromethane
Concen: 43.887 ug/l
RT: 3.369 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

Instrument :

MSVOA_N

ClientSampleId :

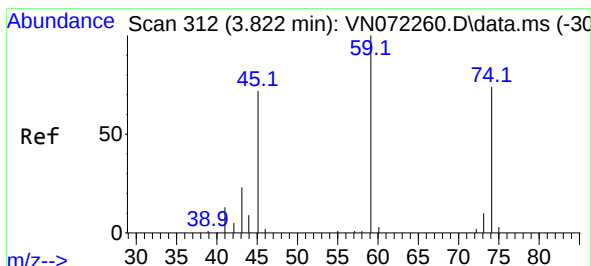
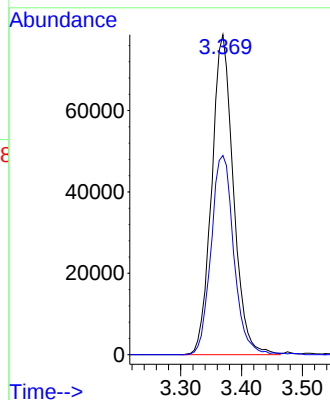
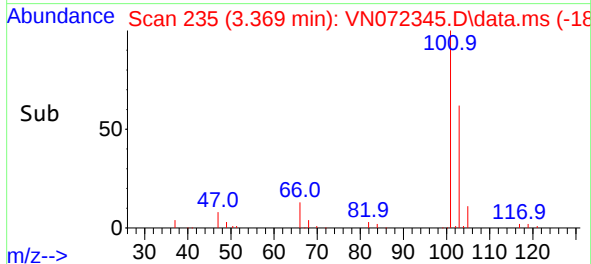
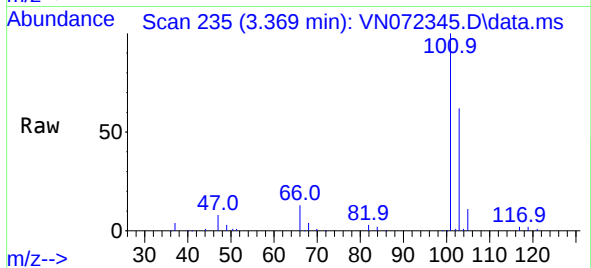
VSTDCCC050EC

Tgt Ion:101 Resp: 19493
Ion Ratio Lower Upper
101 100
103 62.3 51.5 77.3

Manual Integrations

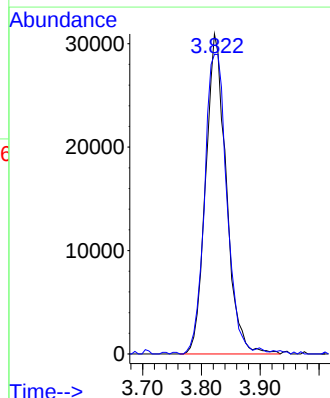
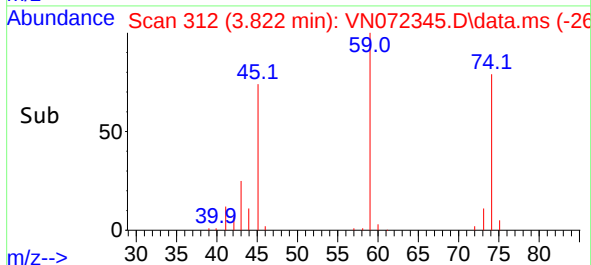
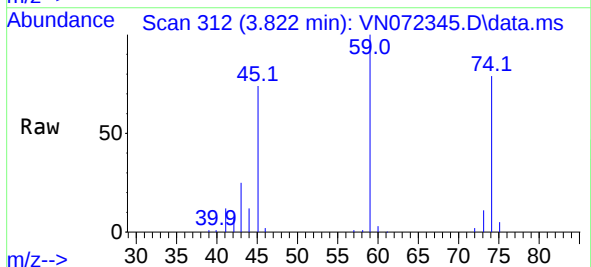
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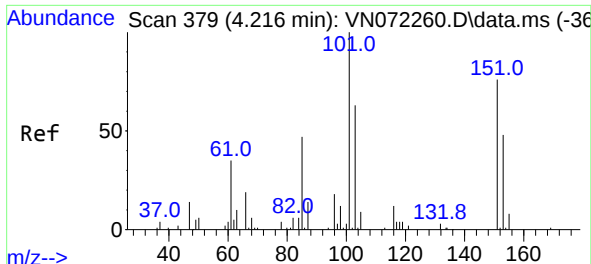
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022



#8
Diethyl Ether
Concen: 46.781 ug/l
RT: 3.822 min Scan# 312
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

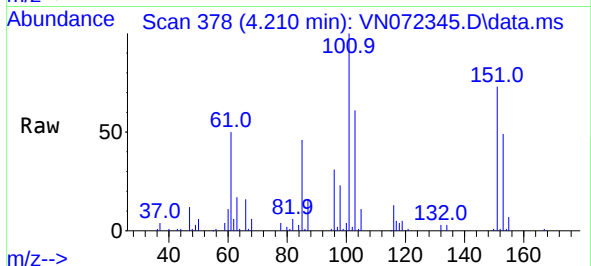
Tgt Ion: 74 Resp: 75241
Ion Ratio Lower Upper
74 100
45 101.1 42.9 128.5





#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.122 ug/l
RT: 4.210 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

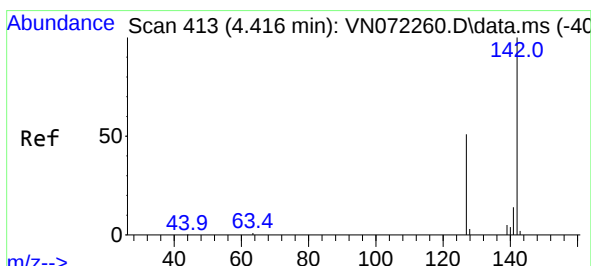
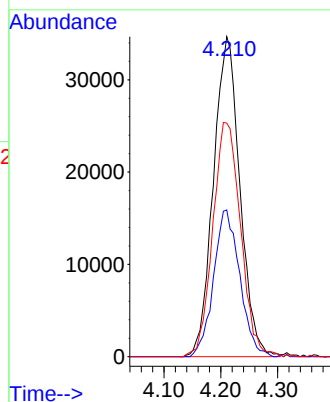
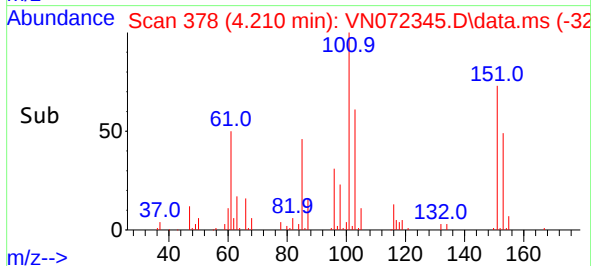
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



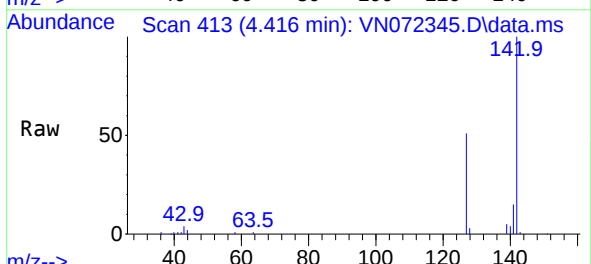
Tgt Ion:101 Resp: 112270
Ion Ratio Lower Upper
101 100
85 45.3 34.7 52.1
151 76.8 63.0 94.4

Manual Integrations
APPROVED

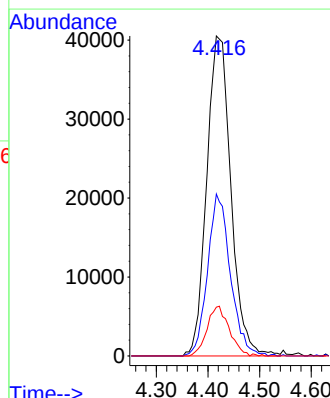
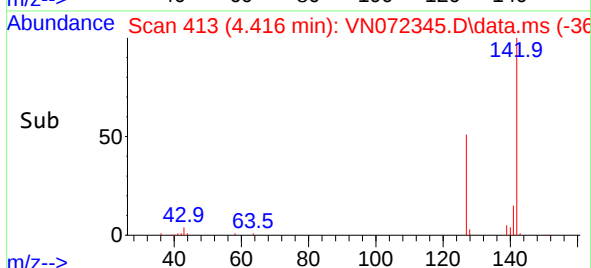
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

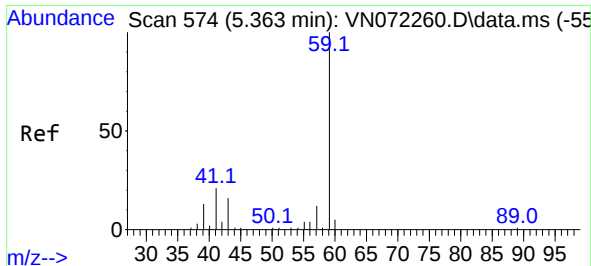


#10
Methyl Iodide
Concen: 46.551 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50



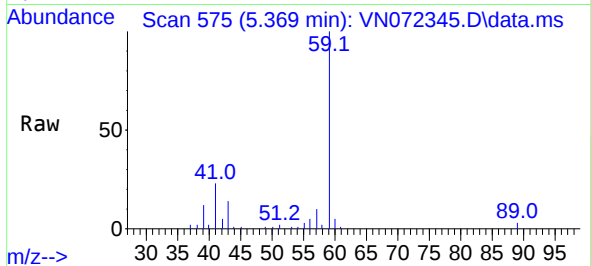
Tgt Ion:142 Resp: 131837
Ion Ratio Lower Upper
142 100
127 47.7 31.3 46.9#
141 14.4 11.2 16.8





#11
Tert butyl alcohol
Concen: 228.654 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

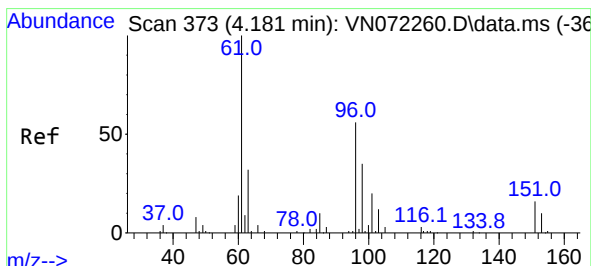
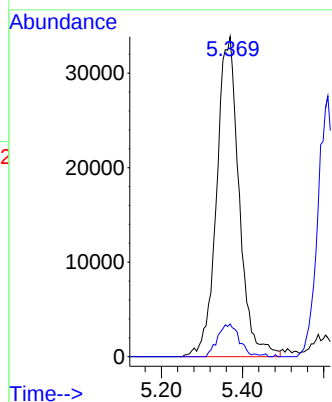
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



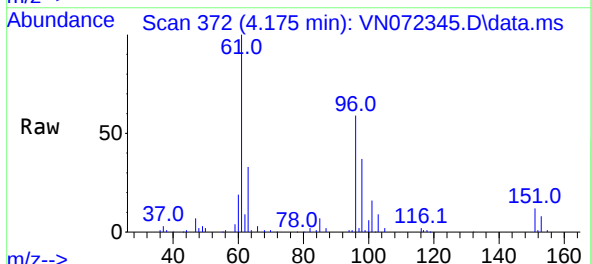
Tgt Ion: 59 Resp: 130285
Ion Ratio Lower Upper
59 100
57 9.8 8.3 12.5

Manual Integrations
APPROVED

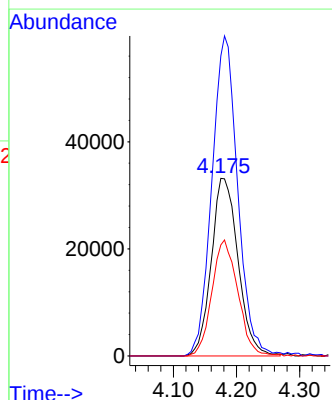
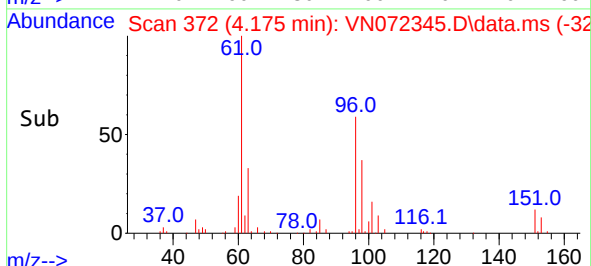
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

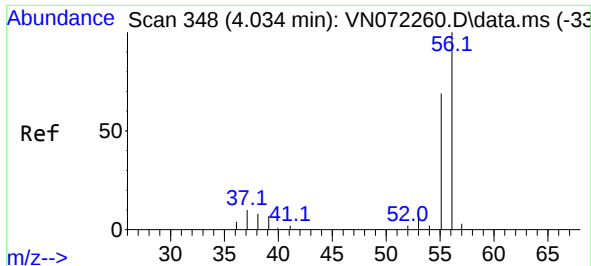


#12
1,1-Dichloroethene
Concen: 45.325 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.006 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50



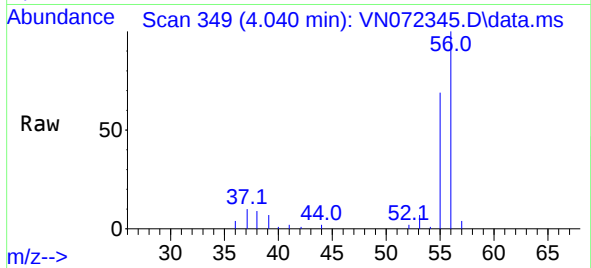
Tgt Ion: 96 Resp: 97767
Ion Ratio Lower Upper
96 100
61 168.9 127.6 191.4
98 62.6 51.2 76.8





#13
Acrolein
Concen: 169.802 ug/l
RT: 4.040 min Scan# 348
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

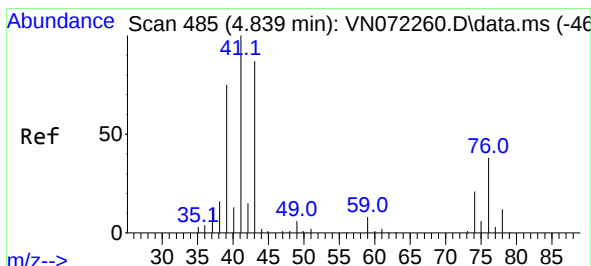
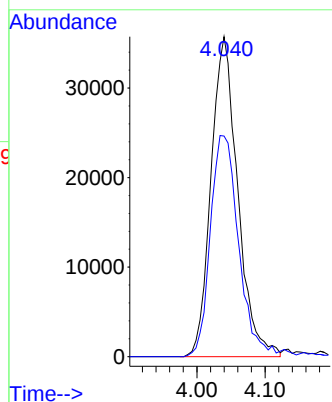
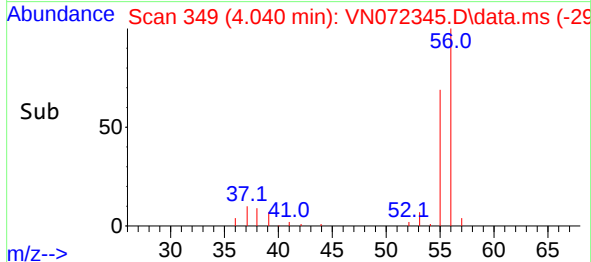
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



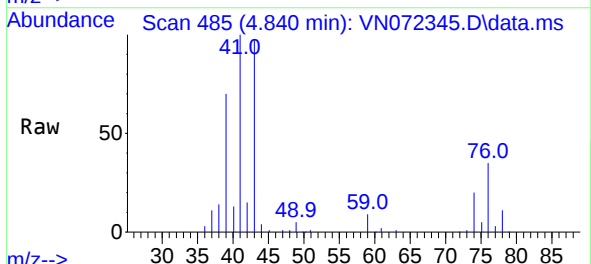
Tgt Ion: 56 Resp: 9736
Ion Ratio Lower Upper
56 100
55 73.1 54.8 82.2

Manual Integrations
APPROVED

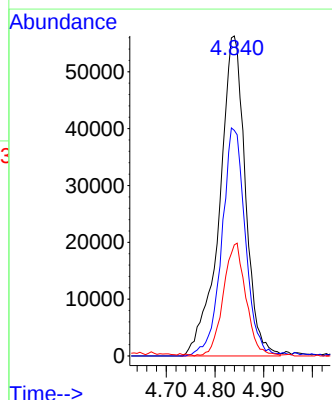
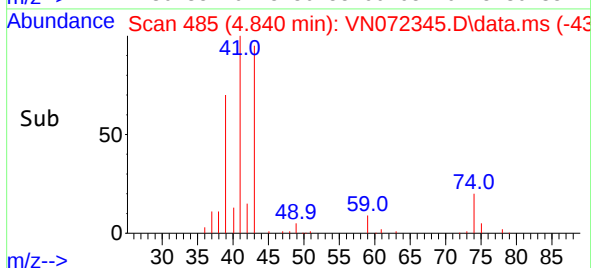
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

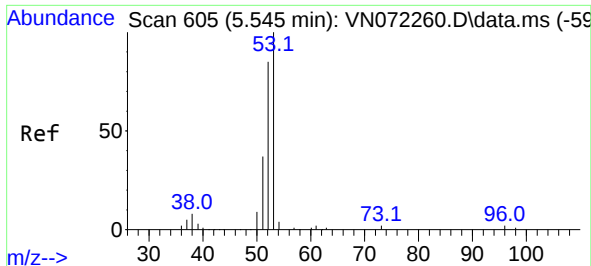


#14
Allyl chloride
Concen: 46.510 ug/l
RT: 4.840 min Scan# 485
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50



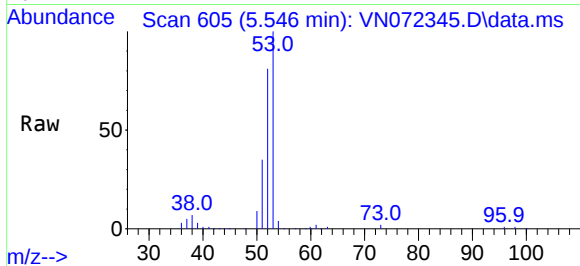
Tgt Ion: 41 Resp: 208303
Ion Ratio Lower Upper
41 100
39 64.7 53.2 79.8
76 30.8 29.9 44.9





#15
Acrylonitrile
Concen: 232.028 ug/l
RT: 5.546 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

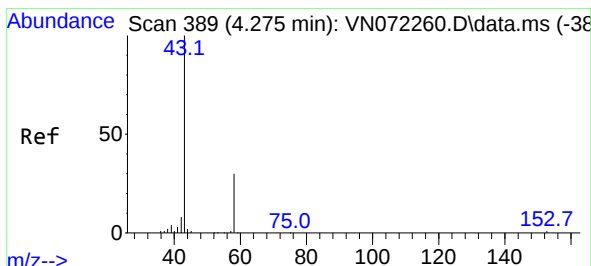
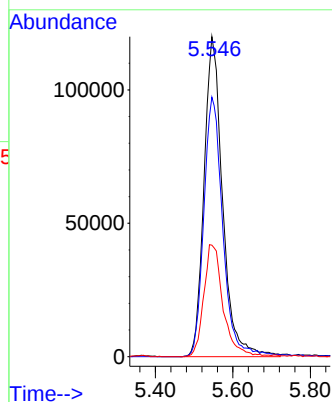
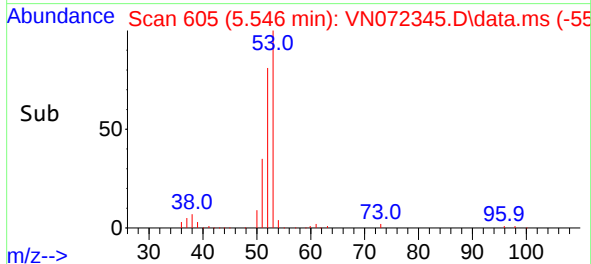
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



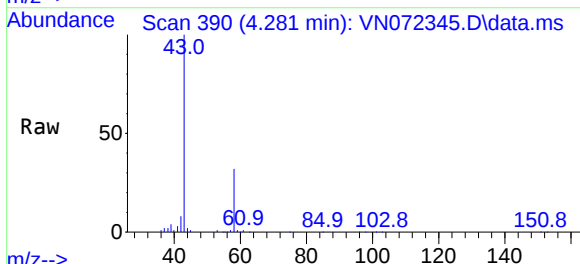
Tgt Ion: 53 Resp: 398958
Ion Ratio Lower Upper
53 100
52 83.1 66.4 99.6
51 36.5 28.5 42.7

Manual Integrations
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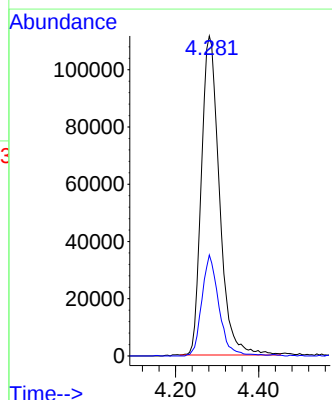
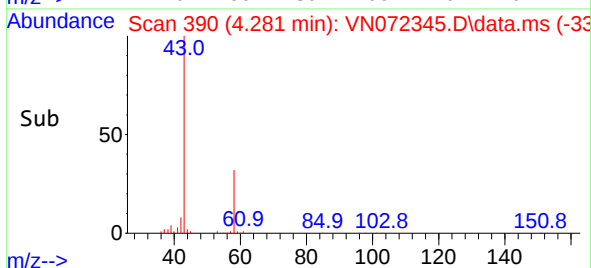
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

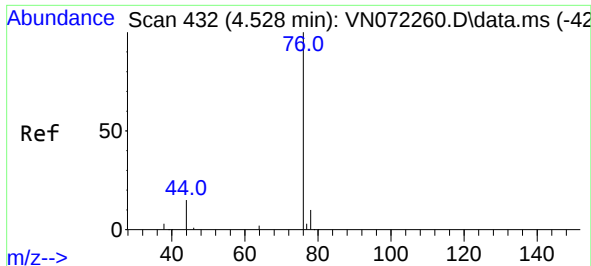


#16
Acetone
Concen: 225.058 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50



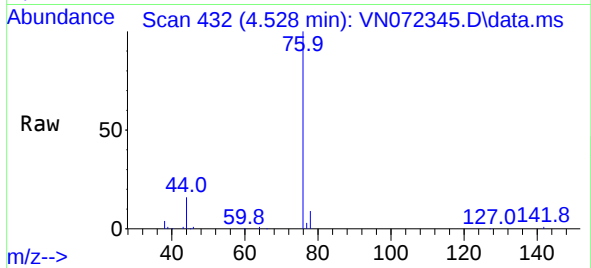
Tgt Ion: 43 Resp: 336433
Ion Ratio Lower Upper
43 100
58 31.6 26.0 39.0





#17
Carbon Disulfide
Concen: 39.957 ug/l
RT: 4.528 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

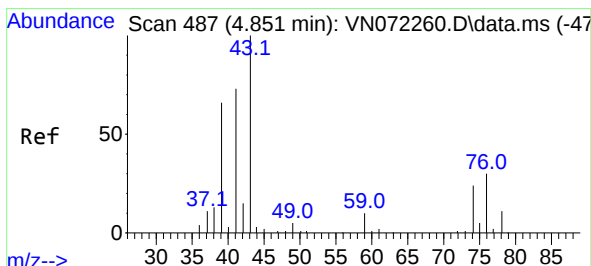
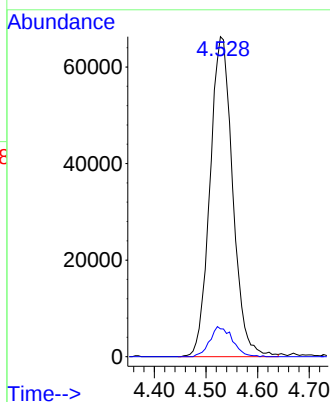
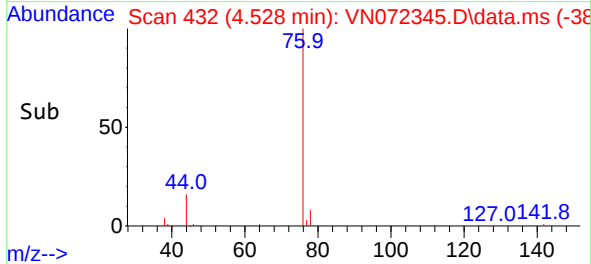
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



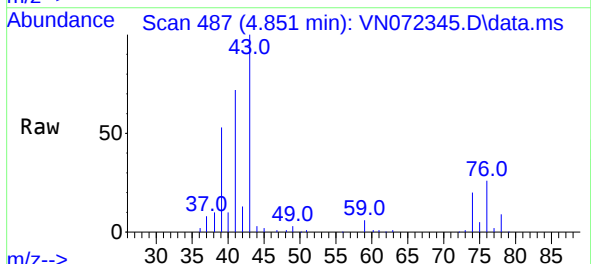
Tgt Ion: 76 Resp: 202411
Ion Ratio Lower Upper
76 100
78 8.7 7.2 10.8

Manual Integrations
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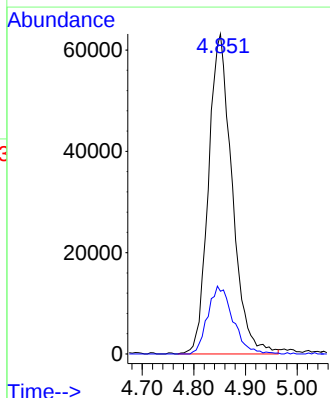
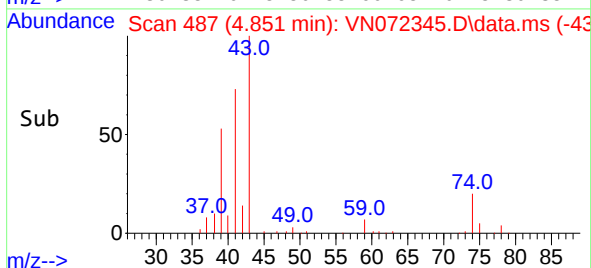
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

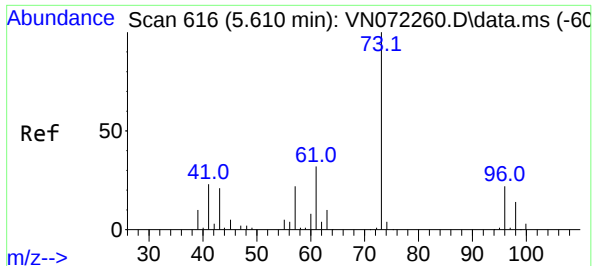


#18
Methyl Acetate
Concen: 48.039 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50



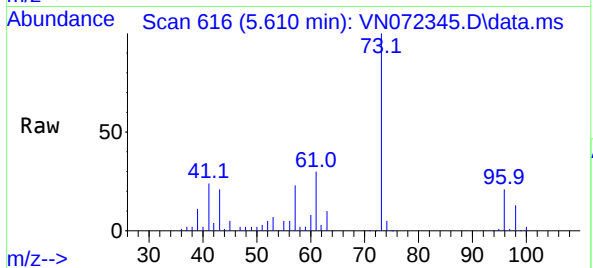
Tgt Ion: 43 Resp: 200762
Ion Ratio Lower Upper
43 100
74 22.6 21.6 32.4





#19
Methyl tert-butyl Ether
Concen: 50.119 ug/l
RT: 5.610 min Scan# 616
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

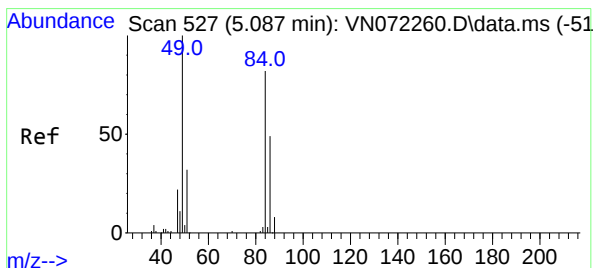
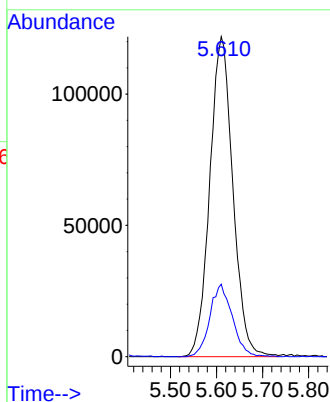
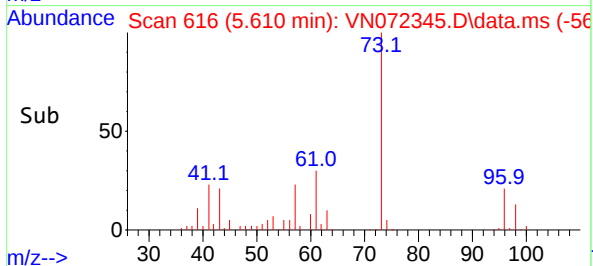
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



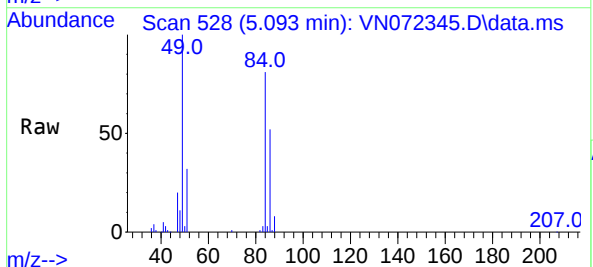
Tgt Ion: 73 Resp: 423768
Ion Ratio Lower Upper
73 100
57 22.6 17.6 26.4

Manual Integrations
APPROVED

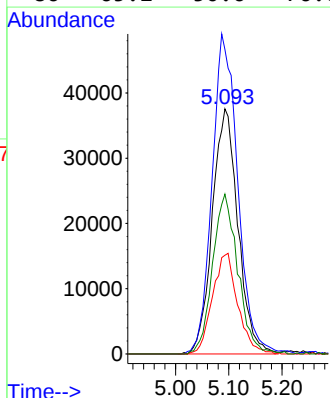
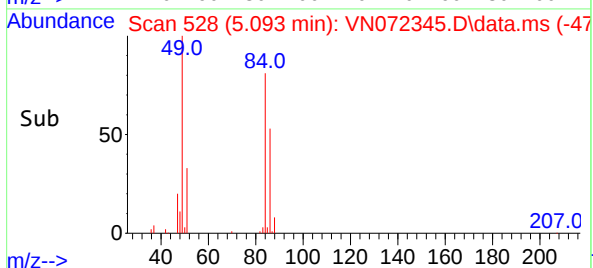
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

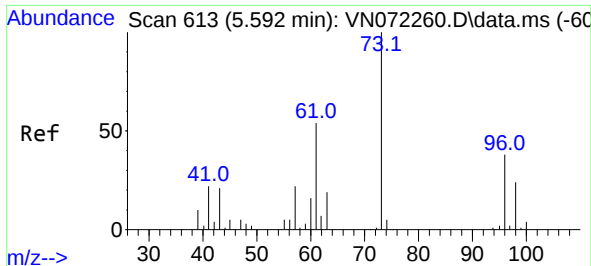


#20
Methylene Chloride
Concen: 43.944 ug/l
RT: 5.093 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50



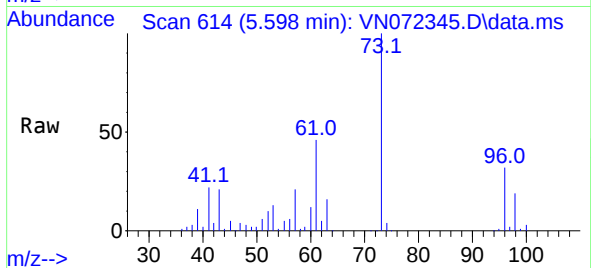
Tgt Ion: 84 Resp: 125917
Ion Ratio Lower Upper
84 100
49 124.2 88.3 132.5
51 40.3 28.2 42.2
86 65.2 50.6 76.0





#21
trans-1,2-Dichloroethene
Concen: 44.822 ug/l
RT: 5.598 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

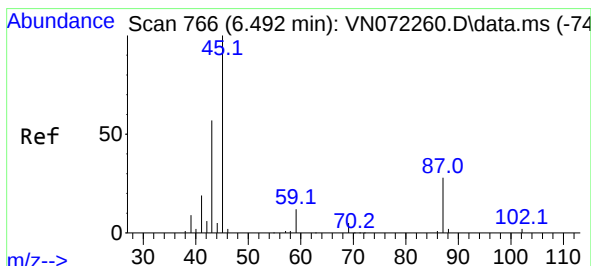
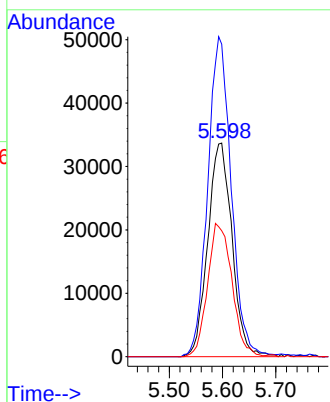
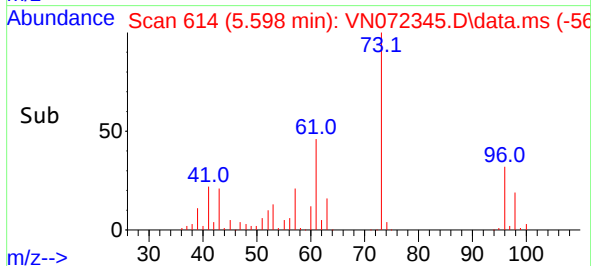
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



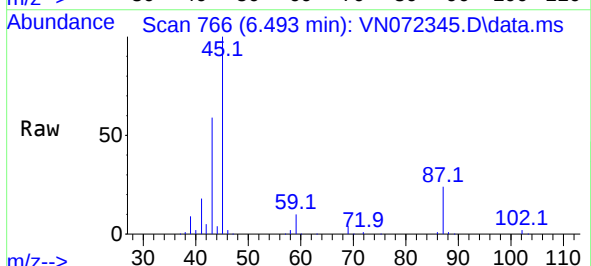
Tgt Ion: 96 Resp: 106612
Ion Ratio Lower Upper
96 100
61 146.3 105.8 158.8
98 59.0 50.3 75.5

Manual Integrations
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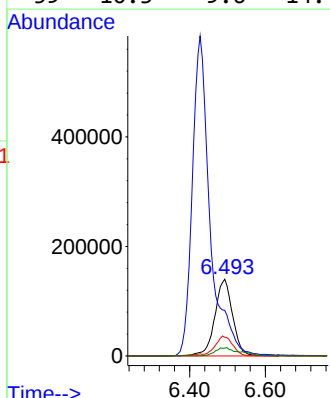
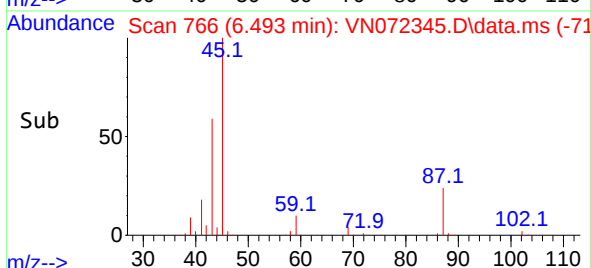
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

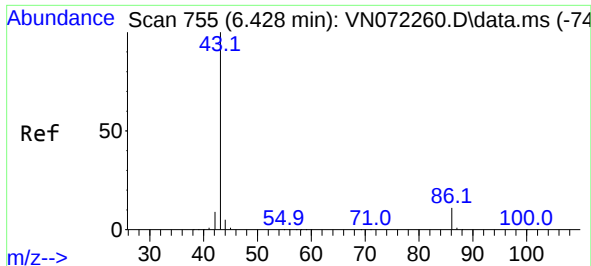


#22
Diisopropyl ether
Concen: 49.697 ug/l
RT: 6.493 min Scan# 766
Delta R.T. 0.006 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50



Tgt Ion: 45 Resp: 458454
Ion Ratio Lower Upper
45 100
43 57.7 46.6 70.0
87 24.4 24.3 36.5
59 10.3 9.6 14.4





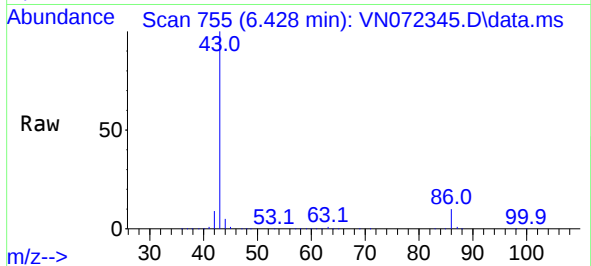
#23
 Vinyl Acetate
 Concen: 245.868 ug/l
 RT: 6.428 min Scan# 755
 Delta R.T. -0.000 min
 Lab File: VN072345.D
 Acq: 05 May 2022 17:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

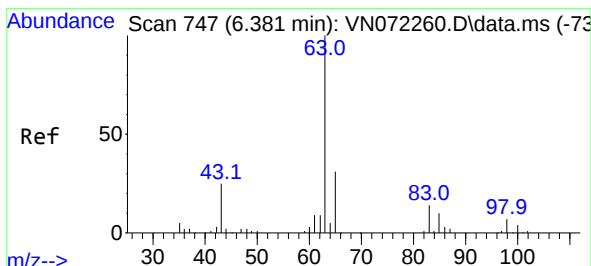
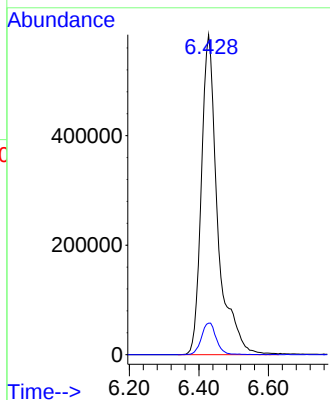
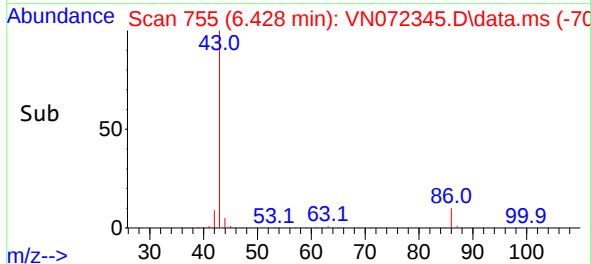


Tgt Ion: 43 Resp: 190489
 Ion Ratio Lower Upper
 43 100
 86 9.9 10.0 15.0

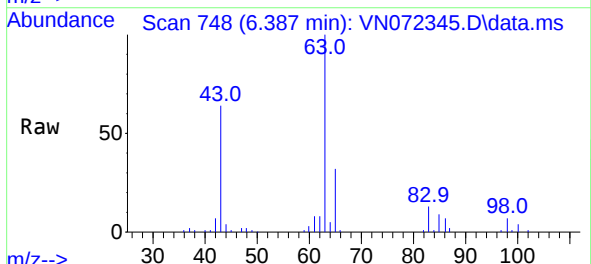
Manual Integrations

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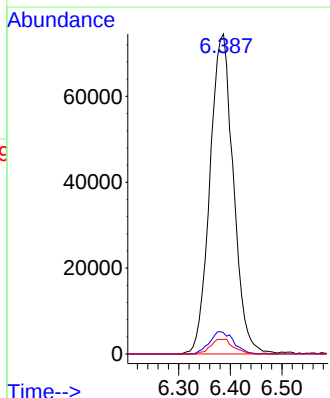
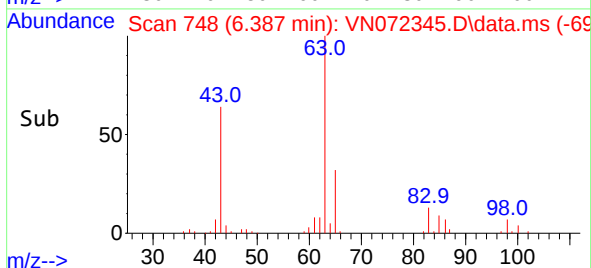
Reviewed By :John Carlone 05/06/2022
 Supervised By :Mahesh Dadoda 05/06/2022

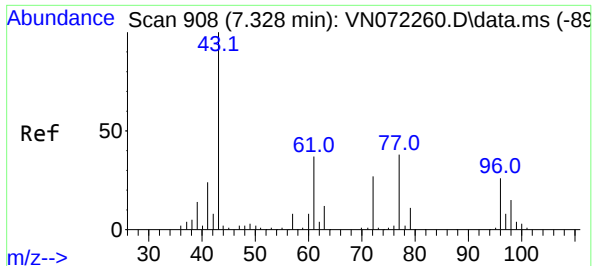


#24
 1,1-Dichloroethane
 Concen: 45.530 ug/l
 RT: 6.387 min Scan# 748
 Delta R.T. -0.000 min
 Lab File: VN072345.D
 Acq: 05 May 2022 17:50



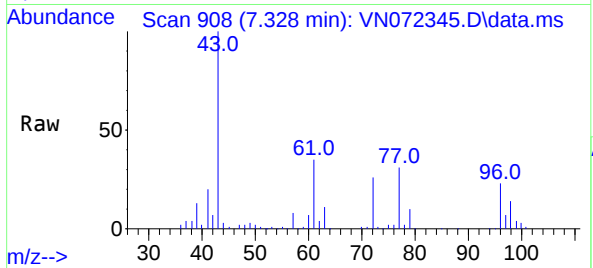
Tgt Ion: 63 Resp: 234940
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.5 10.4
 100 4.5 2.3 6.8





#25
2-Butanone
Concen: 231.246 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

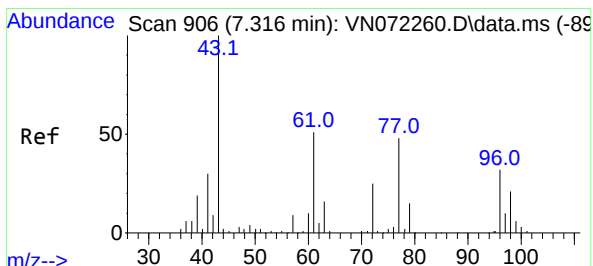
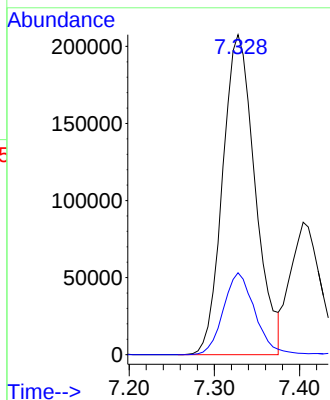
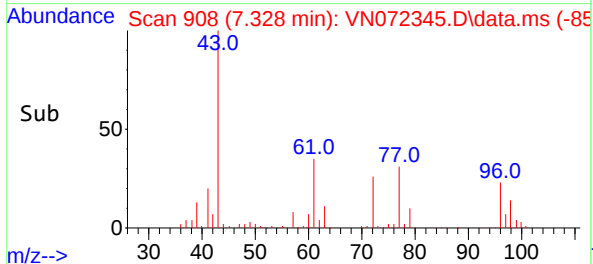
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



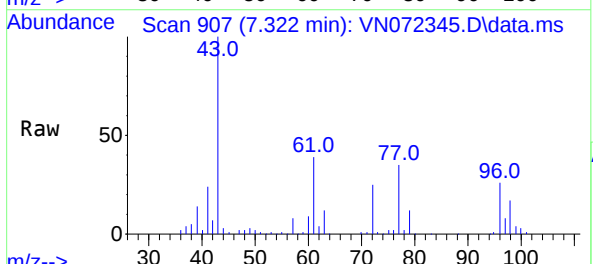
Tgt Ion: 43 Resp: 550529
Ion Ratio Lower Upper
43 100
72 25.6 23.7 35.5

Manual Integrations
APPROVED

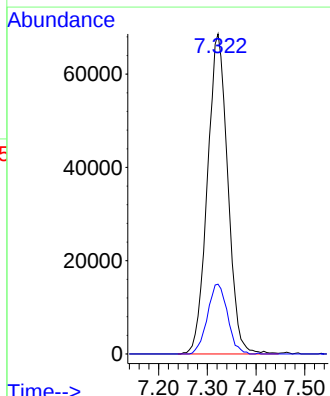
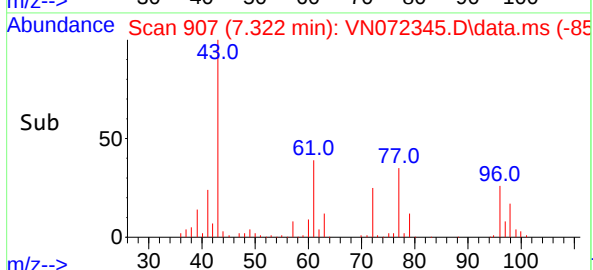
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

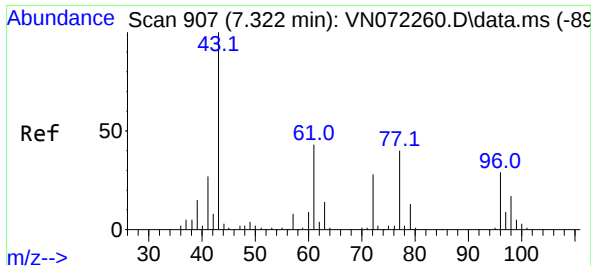


#26
2,2-Dichloropropane
Concen: 49.350 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50



Tgt Ion: 77 Resp: 198917
Ion Ratio Lower Upper
77 100
97 21.6 11.4 34.2





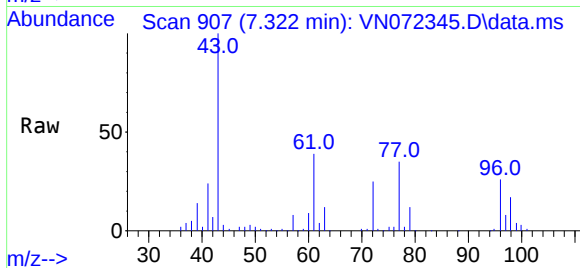
#27
cis-1,2-Dichloroethene
Concen: 47.526 ug/l
RT: 7.322 min Scan# 907
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



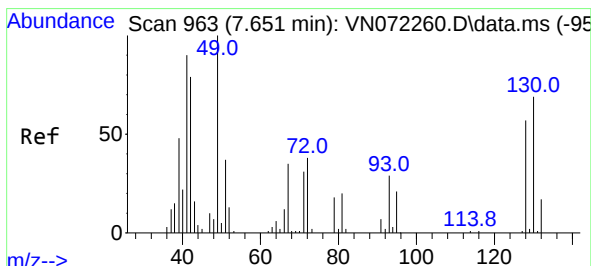
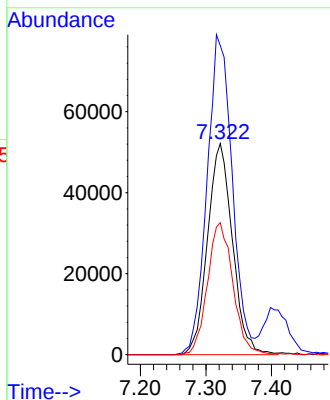
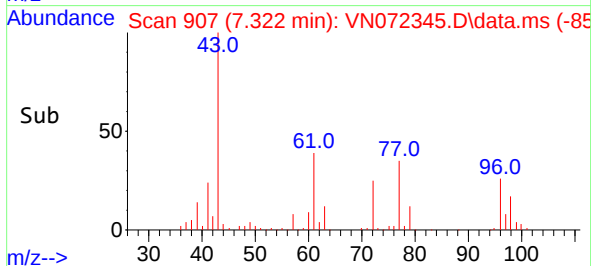
Tgt Ion: 96 Resp: 137810
Ion Ratio Lower Upper
96 100
61 153.2 0.0 280.6
98 64.0 0.0 128.4

Manual Integrations

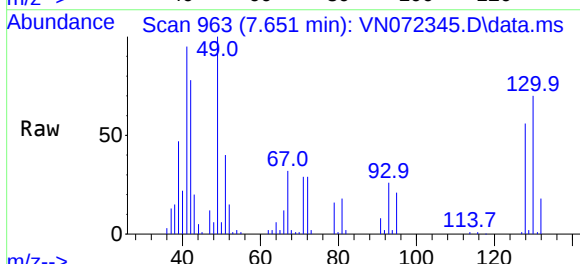
APPROVED

Reviewed By :John Carlone 05/06/2022

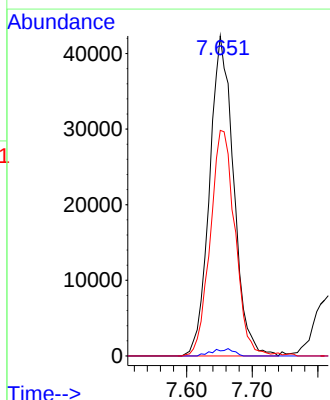
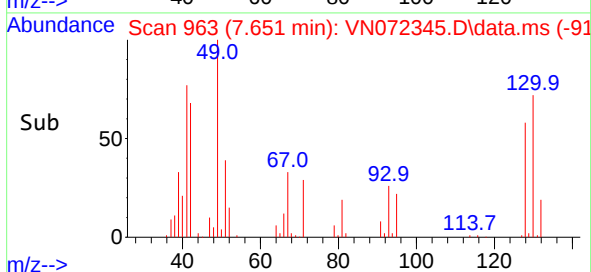
Supervised By :Mahesh Dadoda 05/06/2022

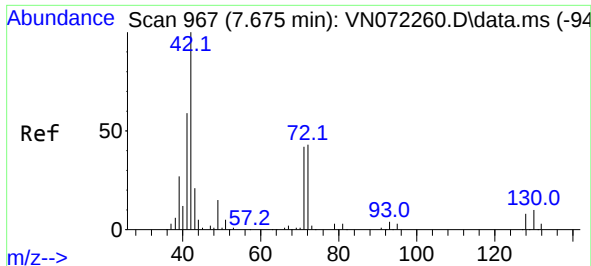


#28
Bromochloromethane
Concen: 46.746 ug/l
RT: 7.651 min Scan# 963
Delta R.T. -0.006 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50



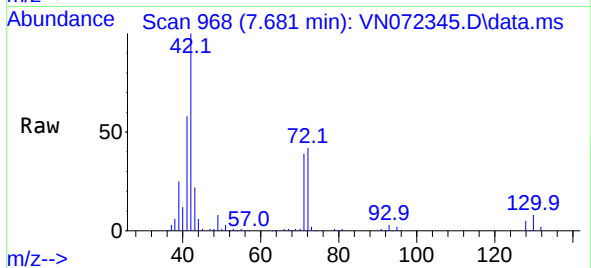
Tgt Ion: 49 Resp: 108010
Ion Ratio Lower Upper
49 100
129 2.0 0.0 4.6
130 72.6 69.7 104.5





#29
Tetrahydrofuran
Concen: 228.734 ug/l
RT: 7.681 min Scan# 90
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

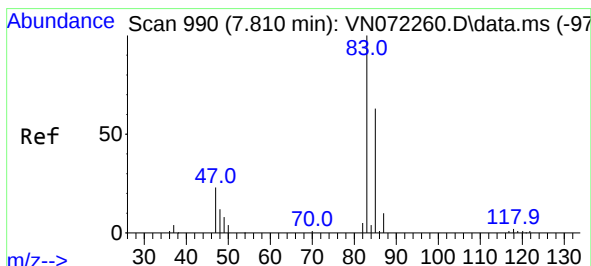
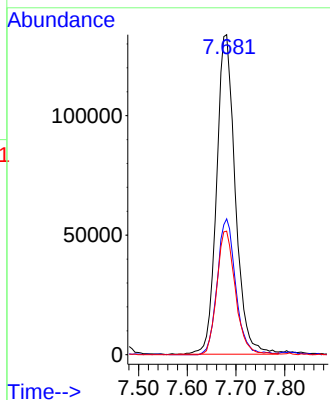
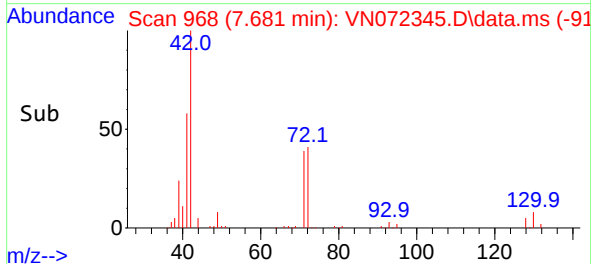
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



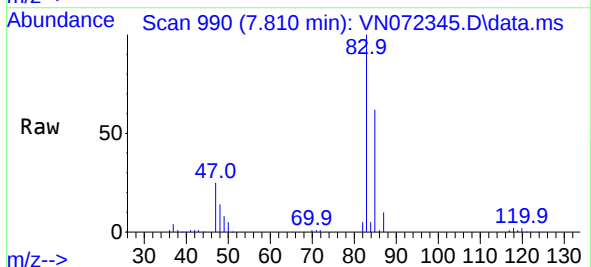
Tgt Ion: 42 Resp: 35736
Ion Ratio Lower Upper
42 100
72 41.5 39.7 59.5
71 38.5 36.6 55.0

Manual Integrations
APPROVED

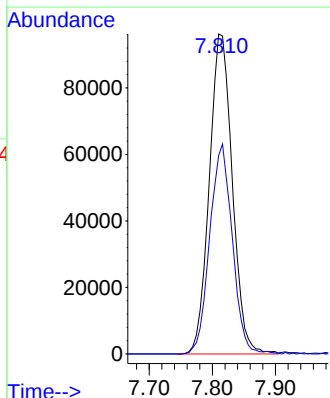
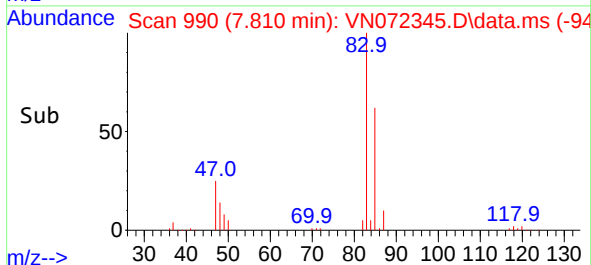
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

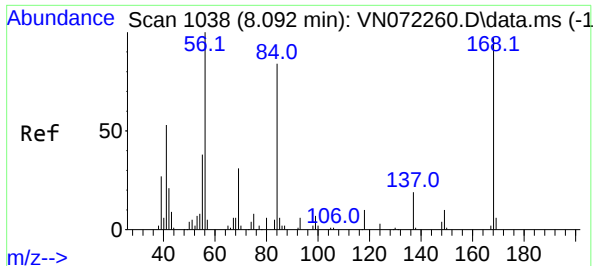


#30
Chloroform
Concen: 46.971 ug/l
RT: 7.810 min Scan# 990
Delta R.T. -0.006 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50



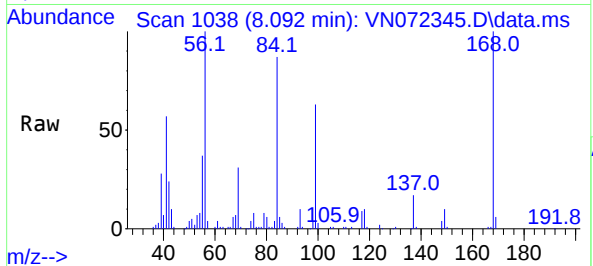
Tgt Ion: 83 Resp: 243357
Ion Ratio Lower Upper
83 100
85 62.1 51.8 77.8





#31
Cyclohexane
Concen: 41.183 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

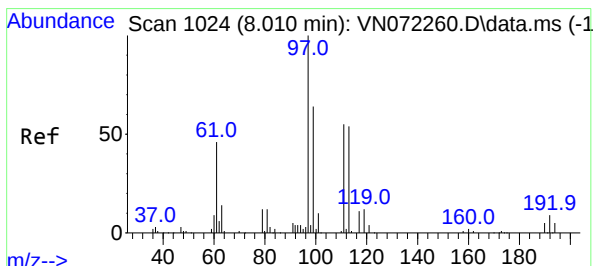
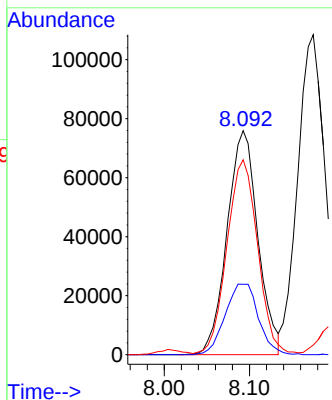
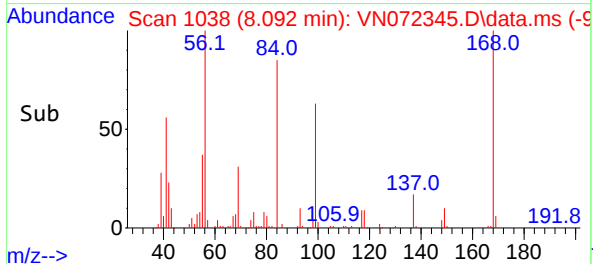
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



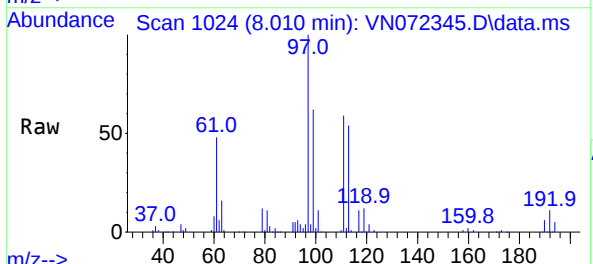
Tgt Ion: 56 Resp: 190790
Ion Ratio Lower Upper
56 100
69 31.4 27.8 41.8
84 85.3 76.9 115.3

Manual Integrations
APPROVED

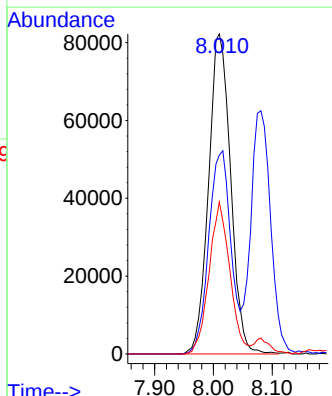
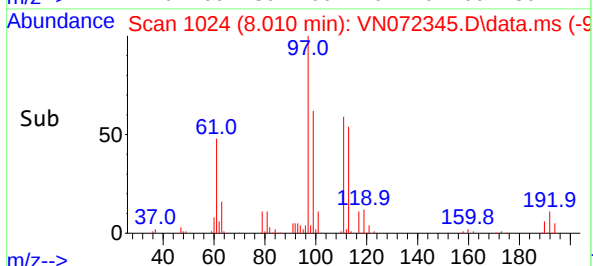
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

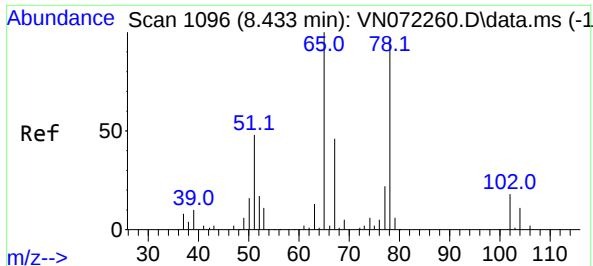


#32
1,1,1-Trichloroethane
Concen: 48.679 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50



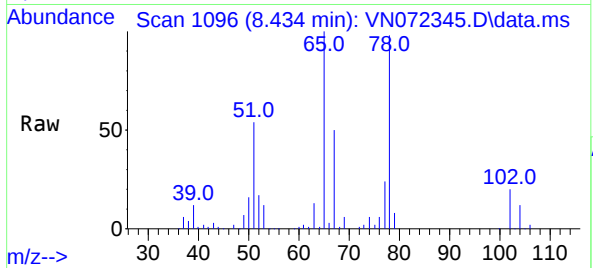
Tgt Ion: 97 Resp: 214629
Ion Ratio Lower Upper
97 100
99 63.6 50.6 76.0
61 45.0 36.0 54.0





#33
1,2-Dichloroethane-d4
Concen: 48.007 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

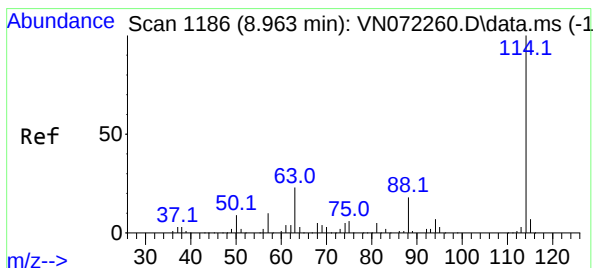
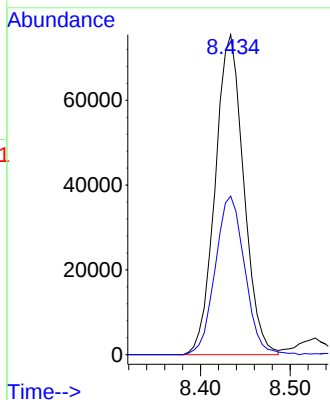
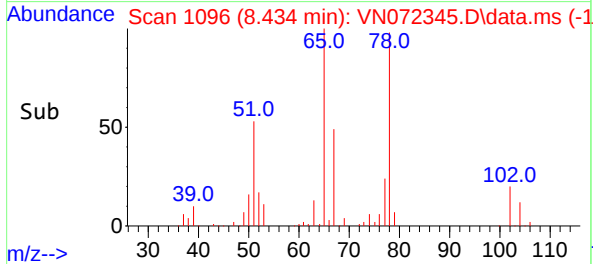
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



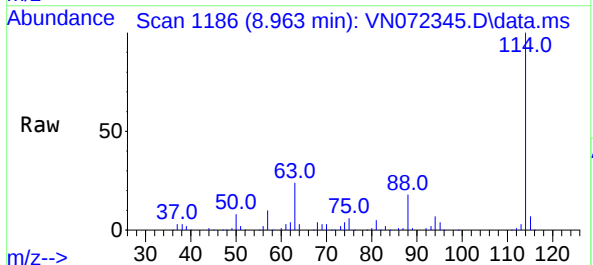
Tgt Ion: 65 Resp: 166454
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.8

Manual Integrations
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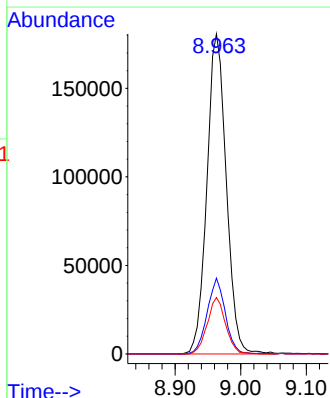
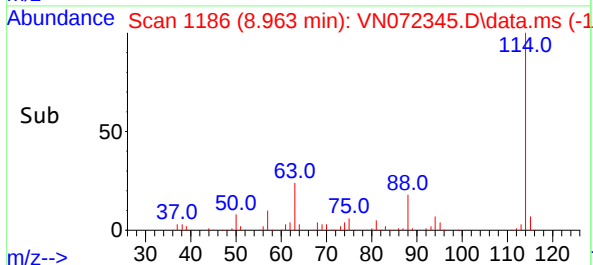
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

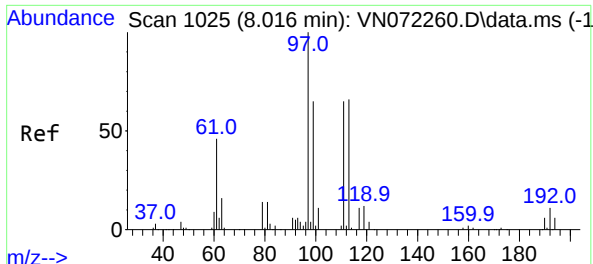


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50



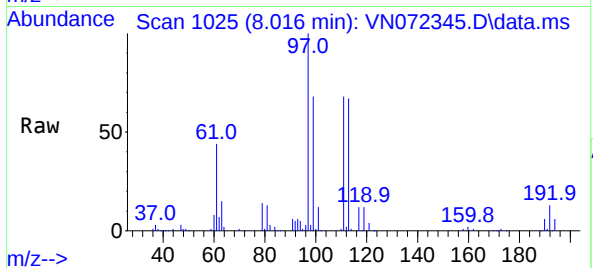
Tgt Ion:114 Resp: 371163
Ion Ratio Lower Upper
114 100
63 23.7 0.0 40.0
88 17.6 0.0 32.6





#35
Dibromofluoromethane
Concen: 51.889 ug/l
RT: 8.016 min Scan# 1025
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

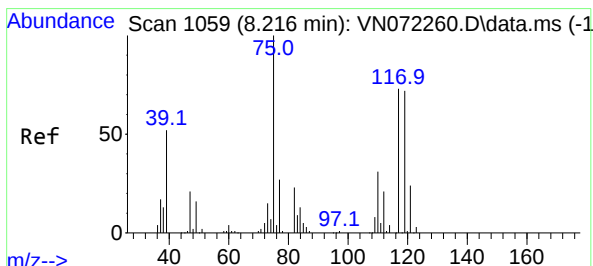
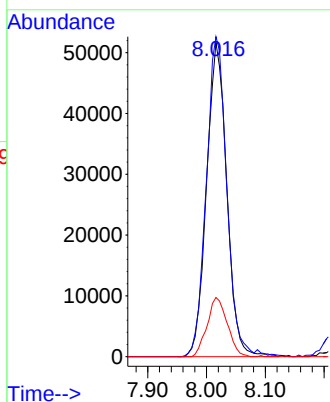
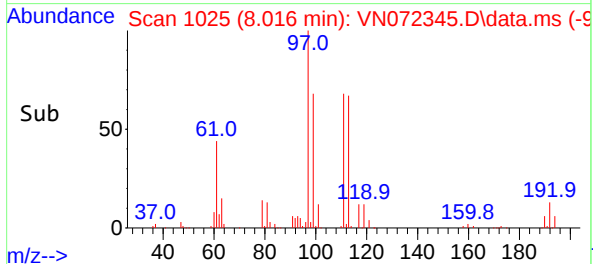
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



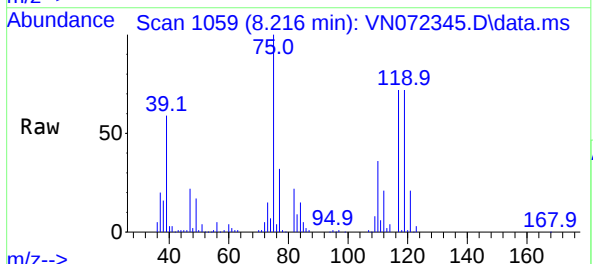
Tgt Ion: 113 Resp: 123270
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 18.8 17.0 25.6

Manual Integrations
APPROVED

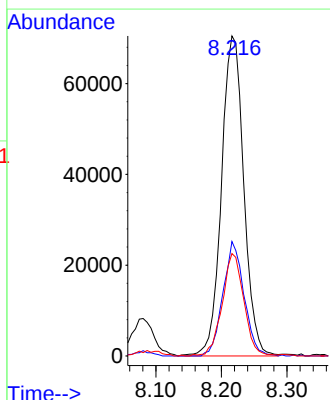
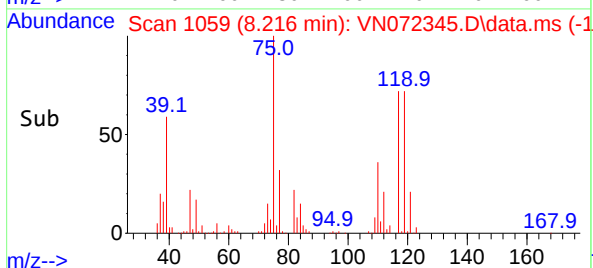
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

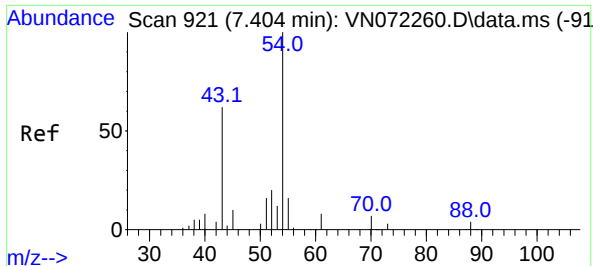


#36
1,1-Dichloropropene
Concen: 48.157 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50



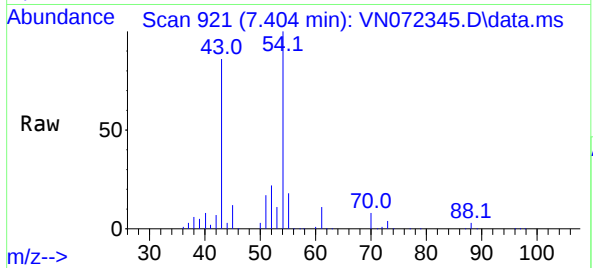
Tgt Ion: 75 Resp: 166523
Ion Ratio Lower Upper
75 100
110 33.8 18.3 54.8
77 31.0 25.1 37.7





#37
Ethyl Acetate
Concen: 47.323 ug/l
RT: 7.404 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

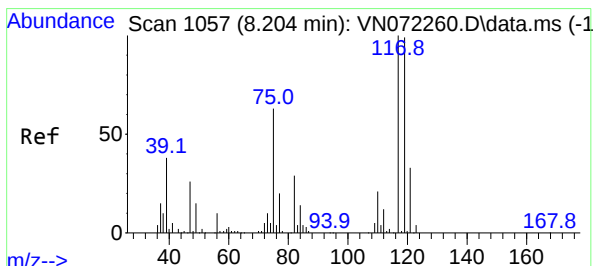
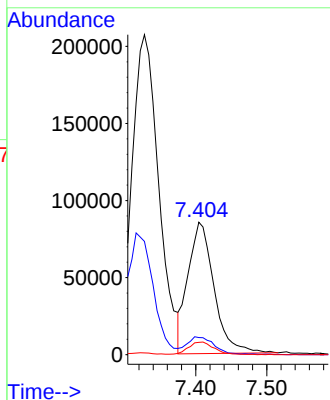
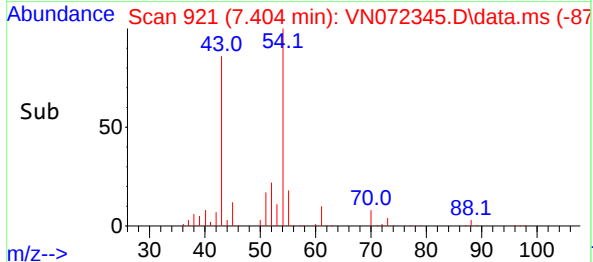
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



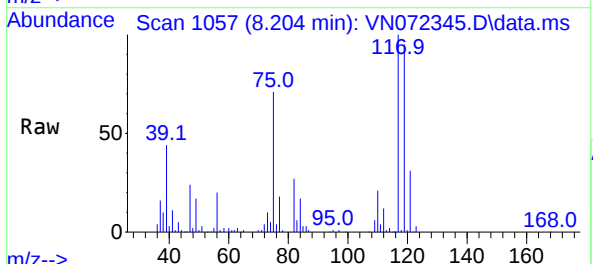
Tgt Ion: 43 Resp: 21731
Ion Ratio Lower Upper
43 100
61 13.9 11.8 17.6
70 9.6 9.3 13.9

Manual Integrations
APPROVED

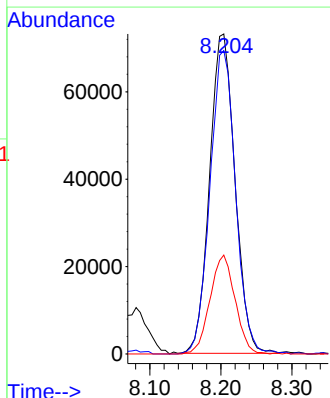
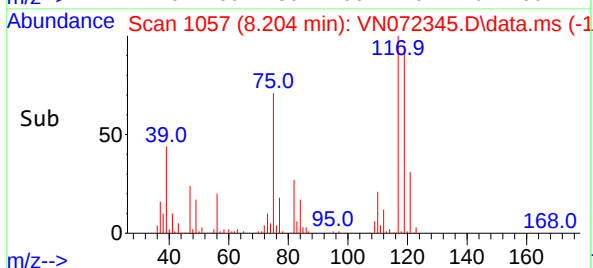
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

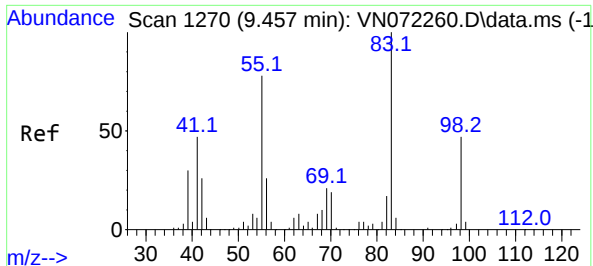


#38
Carbon Tetrachloride
Concen: 48.943 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50



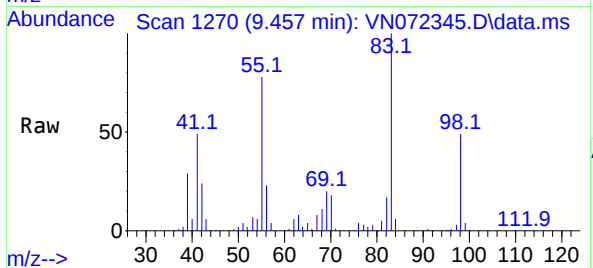
Tgt Ion:117 Resp: 181261
Ion Ratio Lower Upper
117 100
119 95.0 75.8 113.8
121 31.0 24.6 37.0





#39
Methylcyclohexane
Concen: 48.806 ug/l
RT: 9.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

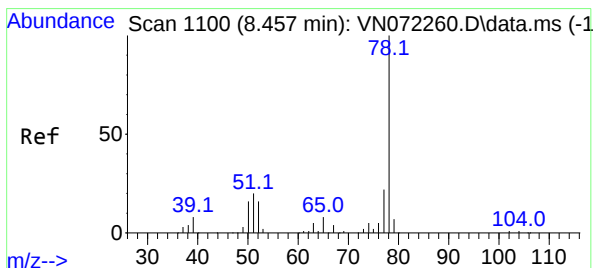
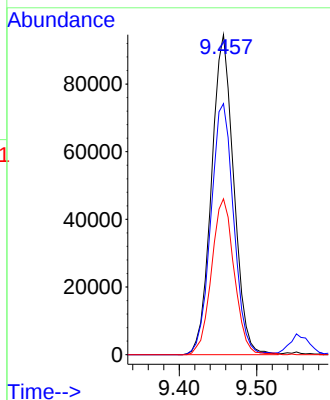
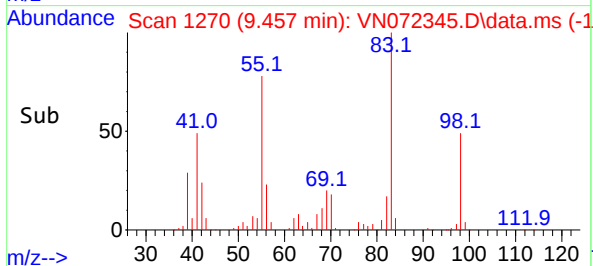
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



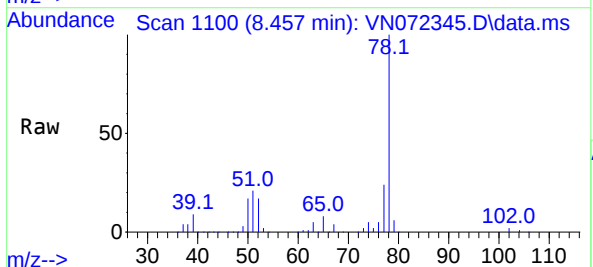
Tgt Ion: 83 Resp: 188750
Ion Ratio Lower Upper
83 100
55 78.5 57.8 86.8
98 48.7 39.4 59.2

Manual Integrations
APPROVED

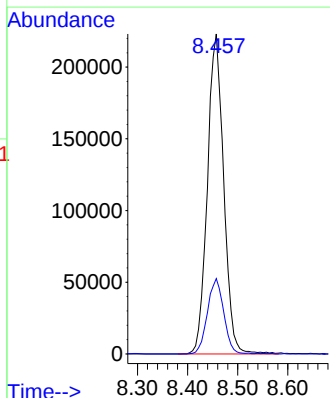
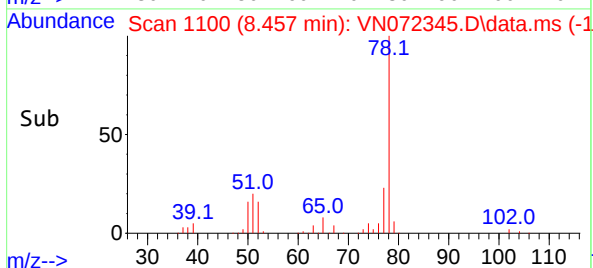
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

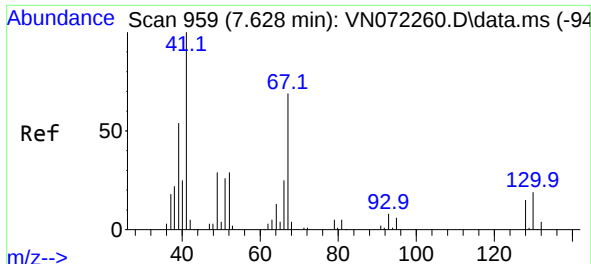


#40
Benzene
Concen: 46.987 ug/l
RT: 8.457 min Scan# 1100
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50



Tgt Ion: 78 Resp: 503978
Ion Ratio Lower Upper
78 100
77 23.5 19.4 29.0





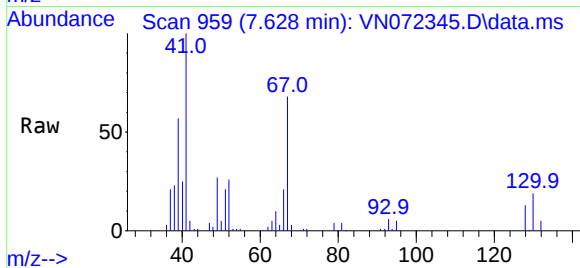
#41
Methacrylonitrile
Concen: 53.852 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.006 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



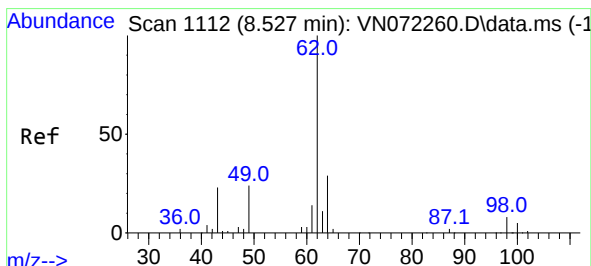
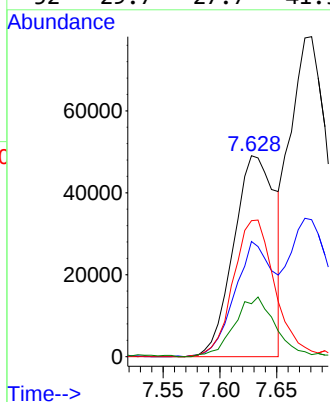
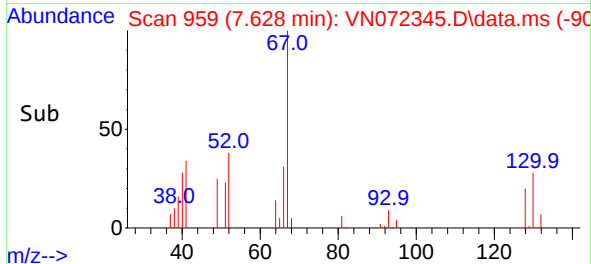
Tgt Ion: 41 Resp: 12510
Ion Ratio Lower Upper
41 100
39 53.6 48.6 73.0
67 68.9 73.4 110.2
52 29.7 27.7 41.5

Manual Integrations

APPROVED

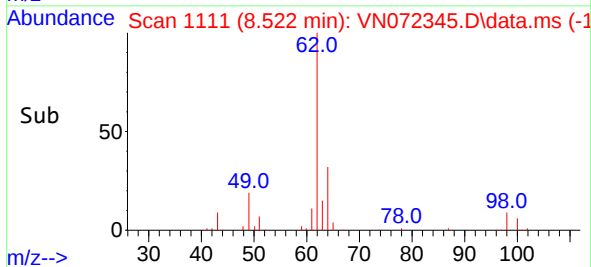
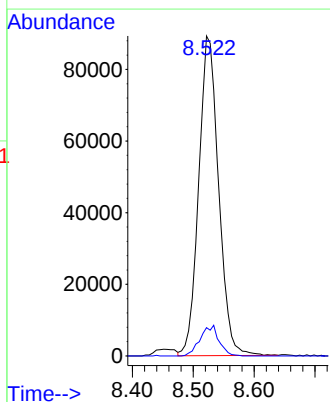
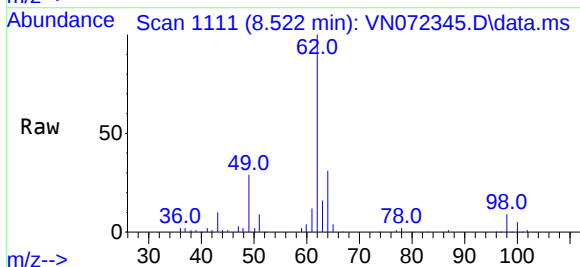
Reviewed By :John Carlone 05/06/2022

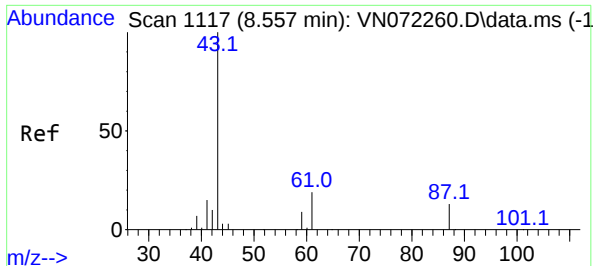
Supervised By :Mahesh Dadoda 05/06/2022



#42
1,2-Dichloroethane
Concen: 49.319 ug/l
RT: 8.522 min Scan# 1111
Delta R.T. -0.006 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

Tgt Ion: 62 Resp: 202518
Ion Ratio Lower Upper
62 100
98 9.0 0.0 19.4





#43
Isopropyl Acetate
Concen: 47.277 ug/l
RT: 8.551 min Scan# 1116
Delta R.T. -0.006 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

Instrument :

MSVOA_N

ClientSampleId :

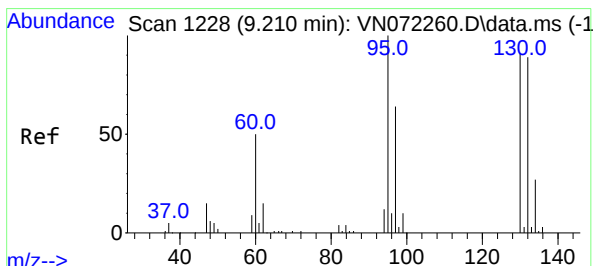
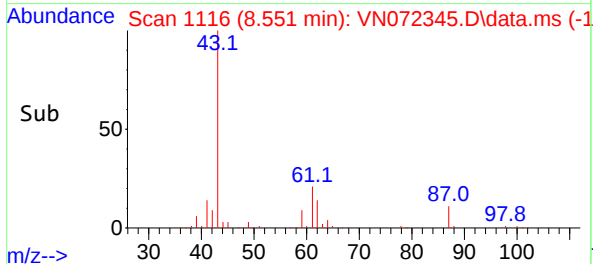
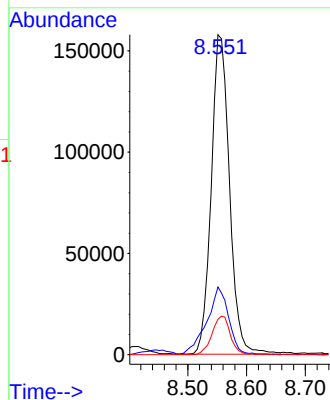
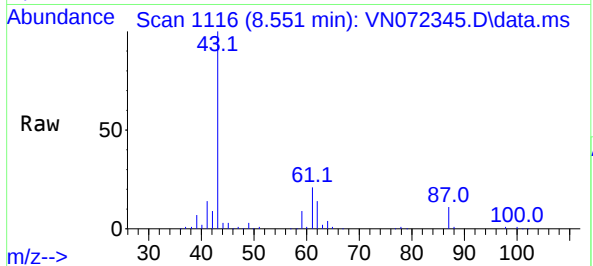
VSTDCCC050EC

Tgt Ion: 43 Resp: 340562
Ion Ratio Lower Upper
43 100
61 25.5 21.9 32.9
87 12.1 12.0 18.0

Manual Integrations

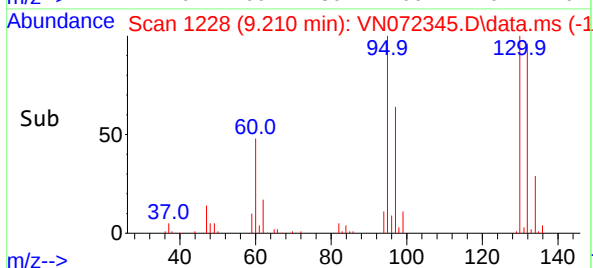
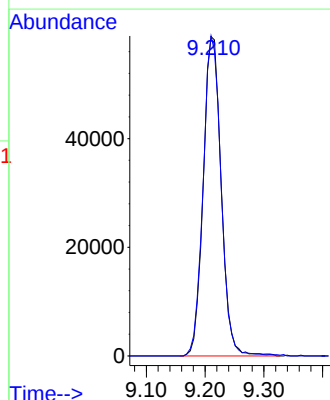
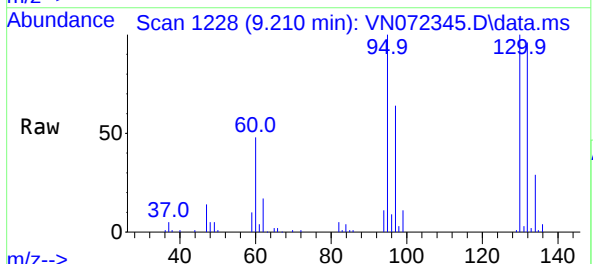
APPROVED

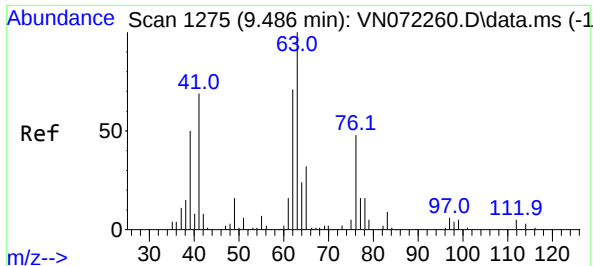
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022



#44
Trichloroethene
Concen: 49.987 ug/l
RT: 9.210 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

Tgt Ion:130 Resp: 124719
Ion Ratio Lower Upper
130 100
95 100.2 0.0 186.8





#45

1,2-Dichloropropane

Concen: 48.673 ug/l

RT: 9.486 min Scan# 1275

Delta R.T. 0.000 min

Lab File: VN072345.D

Acq: 05 May 2022 17:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 14106

Ion Ratio Lower Upper

63 100

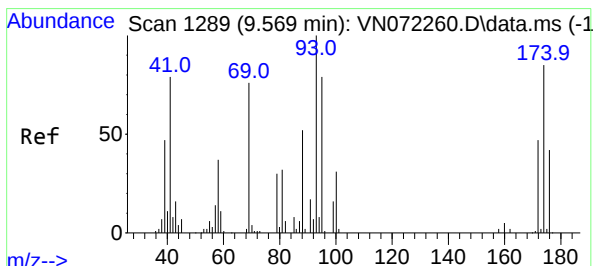
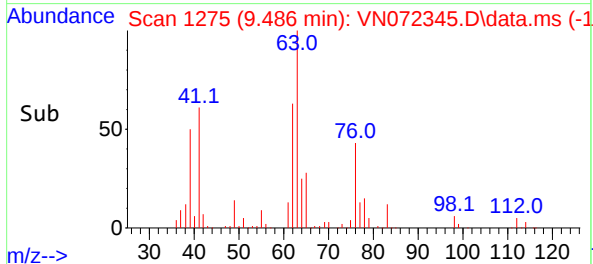
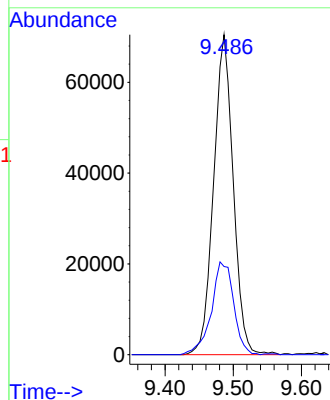
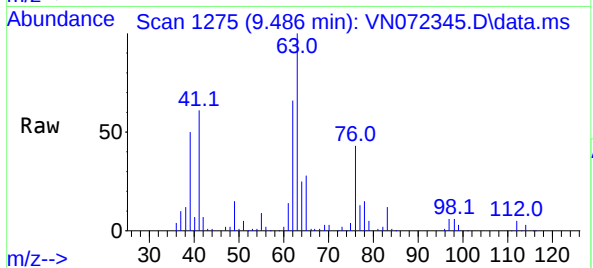
65 27.5 24.9 37.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2022

Supervised By :Mahesh Dadoda 05/06/2022



#46

Dibromomethane

Concen: 51.368 ug/l

RT: 9.569 min Scan# 1289

Delta R.T. -0.006 min

Lab File: VN072345.D

Acq: 05 May 2022 17:50

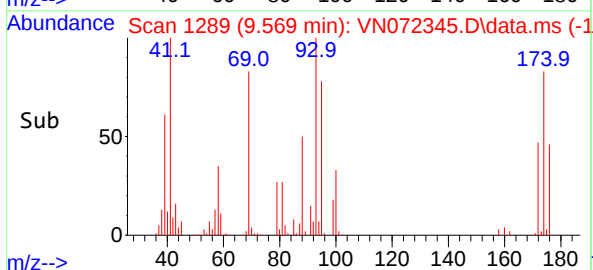
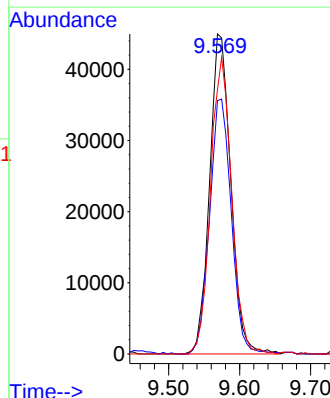
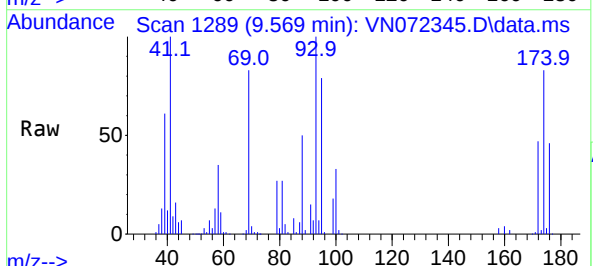
Tgt Ion: 93 Resp: 93264

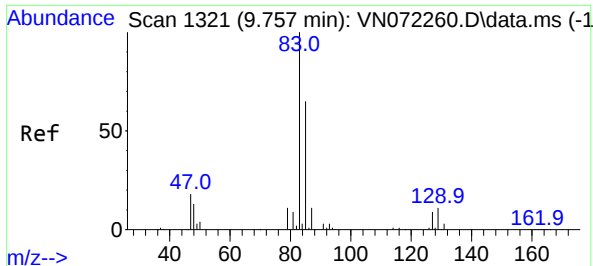
Ion Ratio Lower Upper

93 100

95 81.7 66.9 100.3

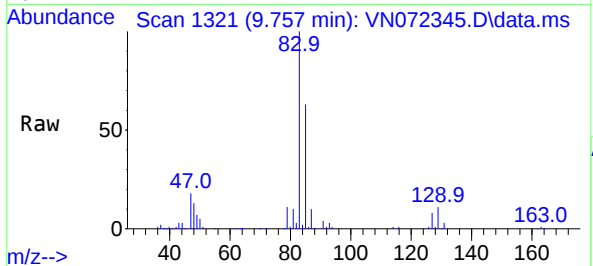
174 92.1 86.6 130.0





#47
Bromodichloromethane
Concen: 51.402 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

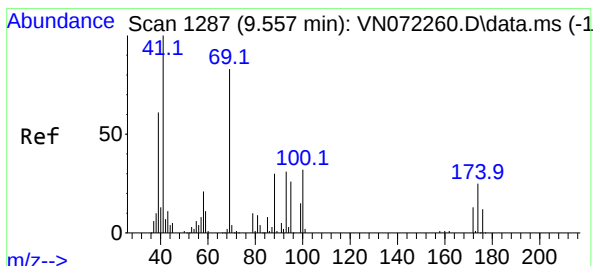
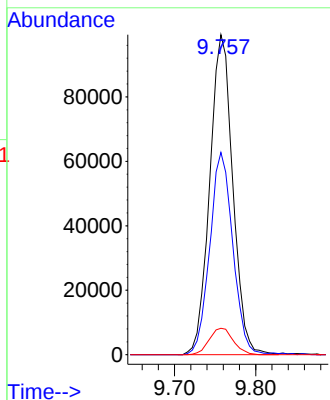
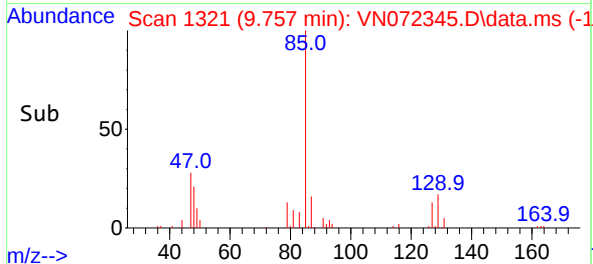
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



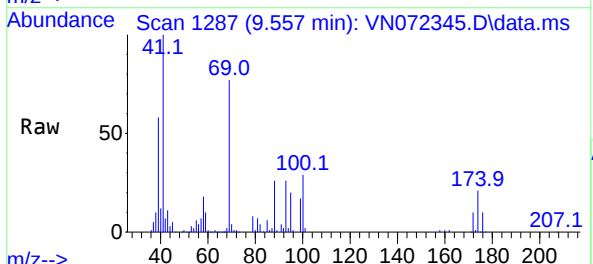
Tgt Ion: 83 Resp: 195818
Ion Ratio Lower Upper
83 100
85 63.2 50.5 75.7
127 8.2 6.8 10.2

Manual Integrations
APPROVED

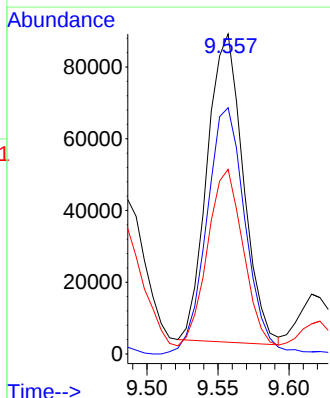
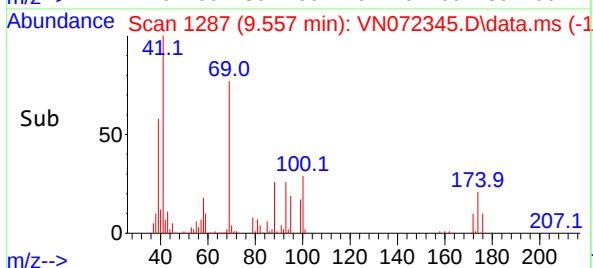
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

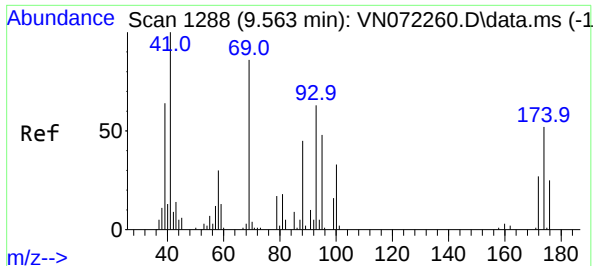


#48
Methyl methacrylate
Concen: 49.875 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50



Tgt Ion: 41 Resp: 151291
Ion Ratio Lower Upper
41 100
69 86.5 74.7 112.1
39 62.1 45.6 68.4





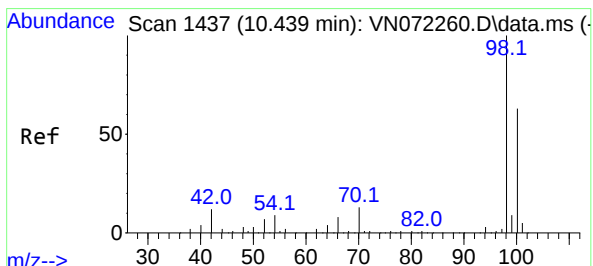
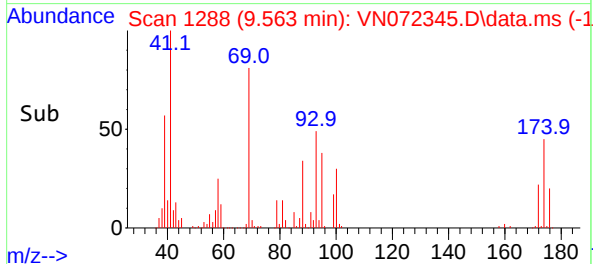
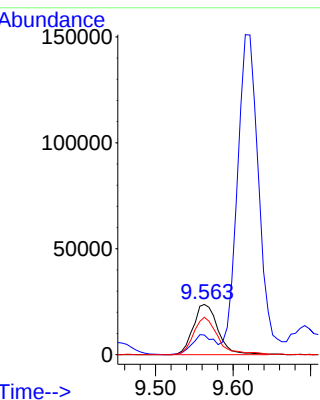
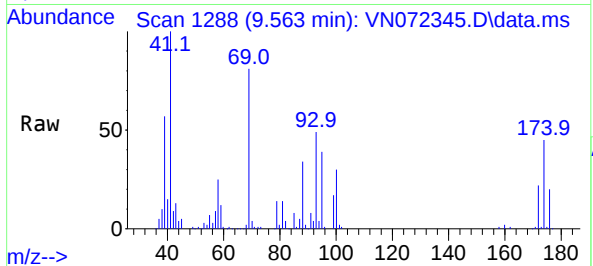
#49
1,4-Dioxane
Concen: 984.723 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 5247
Ion Ratio Lower Upper
88 100
43 35.7 20.2 30.4
58 74.0 54.2 81.4

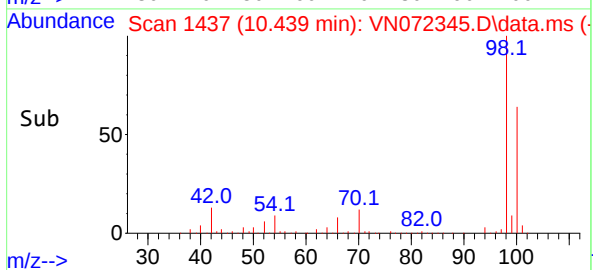
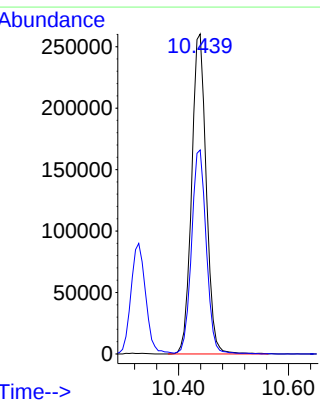
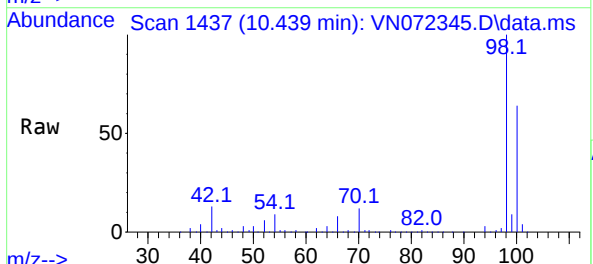
Manual Integrations
APPROVED

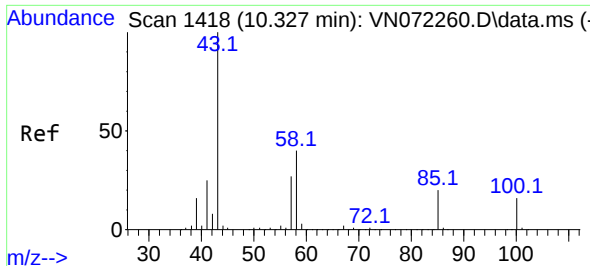
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022



#50
Toluene-d8
Concen: 51.401 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

Tgt Ion: 98 Resp: 479826
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8





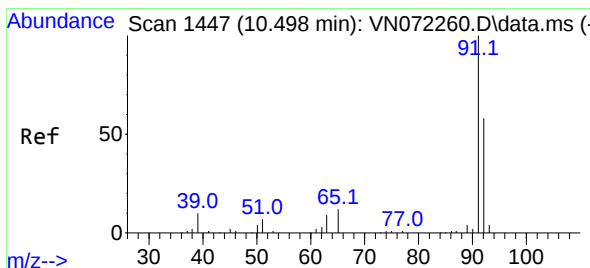
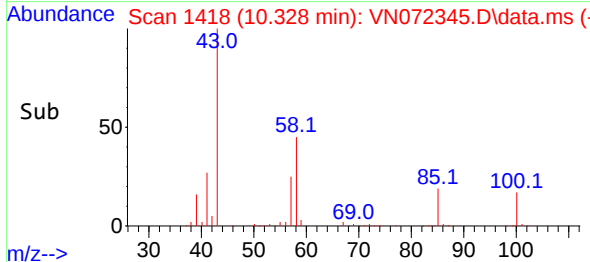
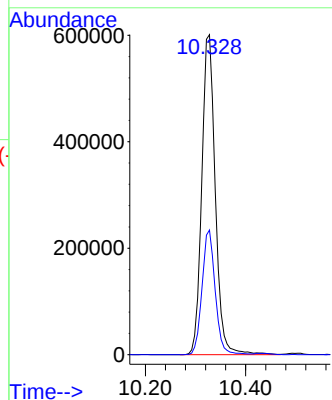
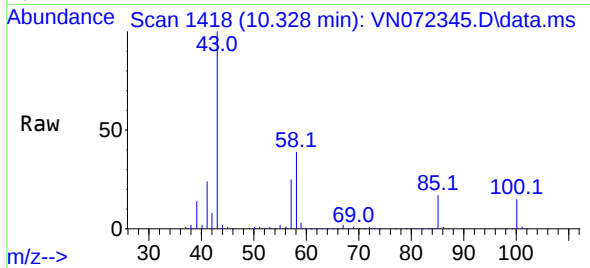
#51
4-Methyl-2-Pentanone
Concen: 260.287 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 112779
Ion Ratio Lower Upper
43 100
58 37.8 34.1 51.1

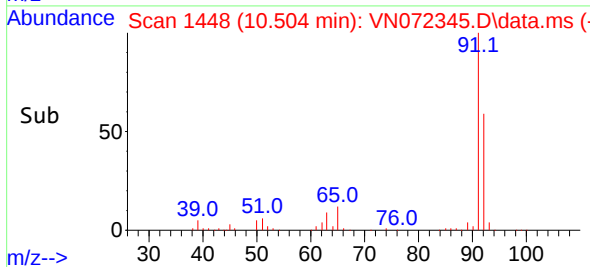
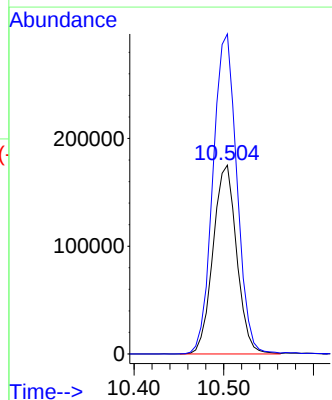
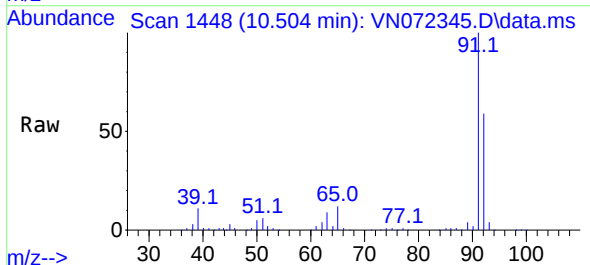
Manual Integrations
APPROVED

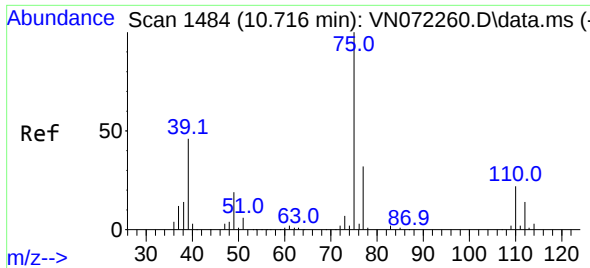
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022



#52
Toluene
Concen: 50.029 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

Tgt Ion: 92 Resp: 320790
Ion Ratio Lower Upper
92 100
91 171.7 138.6 207.8





#53
t-1,3-Dichloropropene
Concen: 53.823 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

Instrument :

MSVOA_N

ClientSampleId :

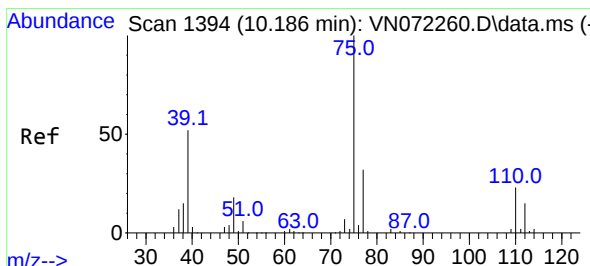
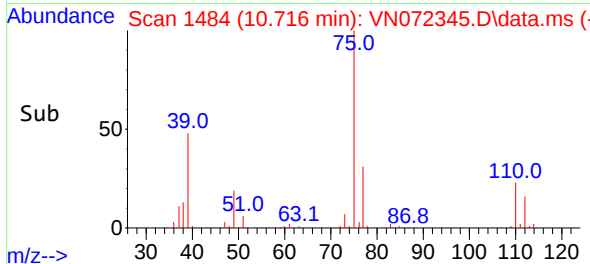
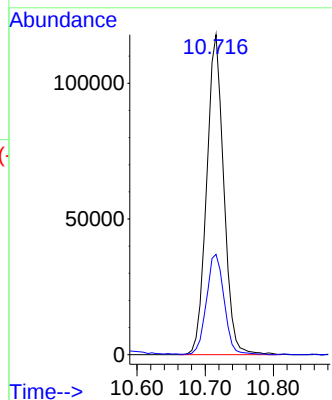
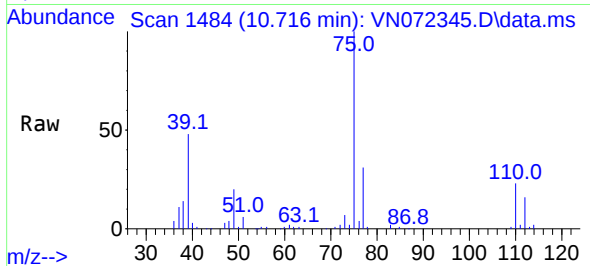
VSTDCCC050EC

Tgt Ion: 75 Resp: 206114
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4

Manual Integrations

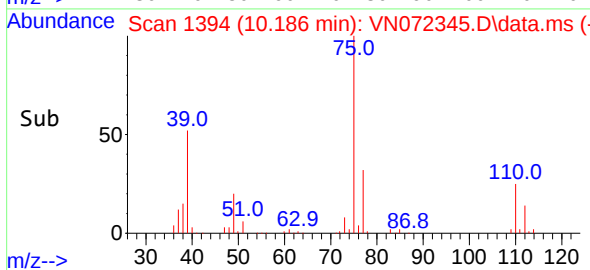
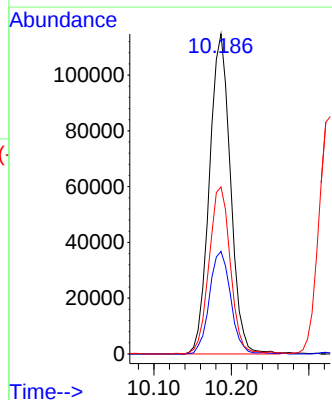
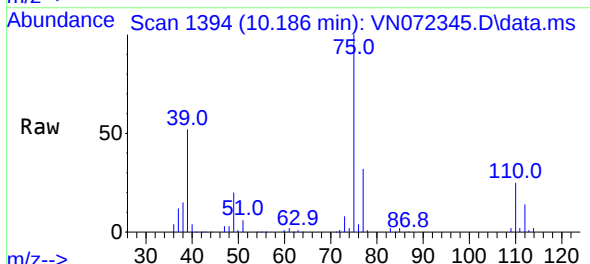
APPROVED

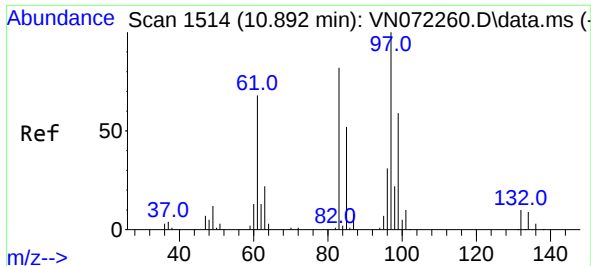
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022



#54
cis-1,3-Dichloropropene
Concen: 52.355 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

Tgt Ion: 75 Resp: 216828
Ion Ratio Lower Upper
75 100
77 32.0 25.2 37.8
39 52.1 35.7 53.5





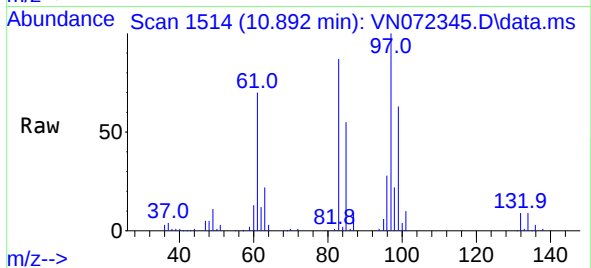
#55
1,1,2-Trichloroethane
Concen: 50.466 ug/l
RT: 10.892 min Scan# 1514
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



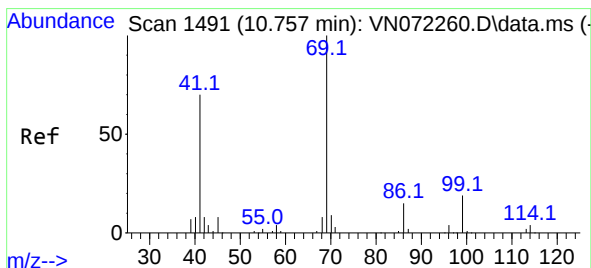
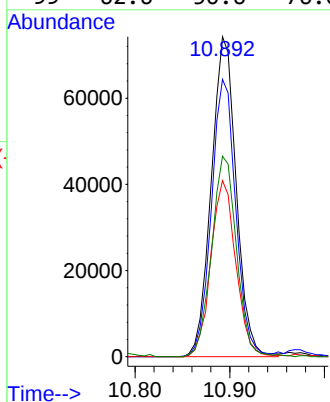
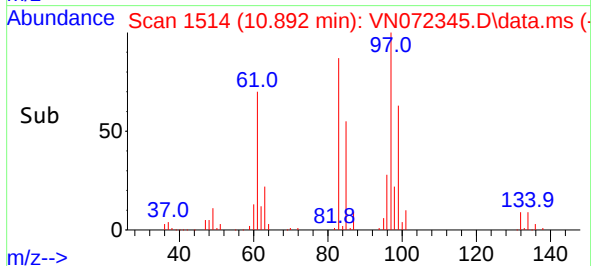
Tgt Ion: 97 Resp: 135679
Ion Ratio Lower Upper
97 100
83 86.6 66.2 99.4
85 55.0 43.9 65.9
99 62.6 50.6 76.0

Manual Integrations

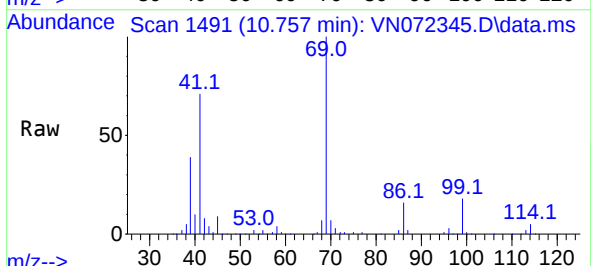
APPROVED

Reviewed By :John Carlone 05/06/2022

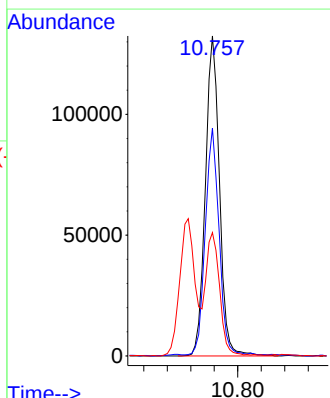
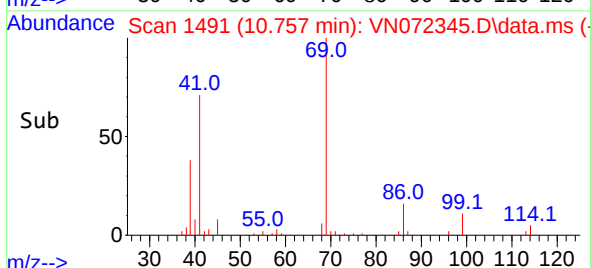
Supervised By :Mahesh Dadoda 05/06/2022

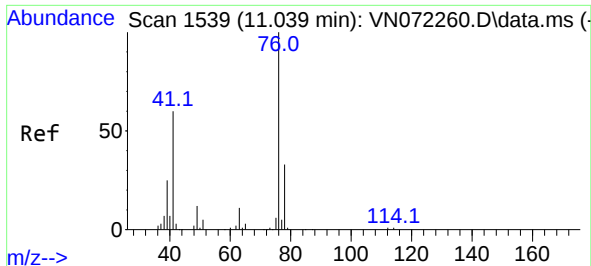


#56
Ethyl methacrylate
Concen: 46.848 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50



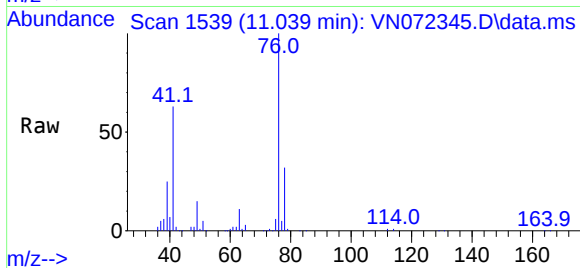
Tgt Ion: 69 Resp: 219844
Ion Ratio Lower Upper
69 100
41 68.7 47.8 71.6
39 36.4 27.3 40.9





#57
1,3-Dichloropropane
Concen: 50.666 ug/l
RT: 11.039 min Scan# 1139
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

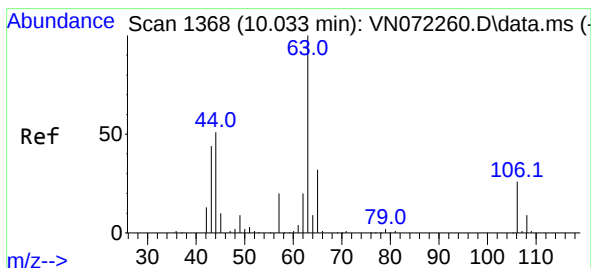
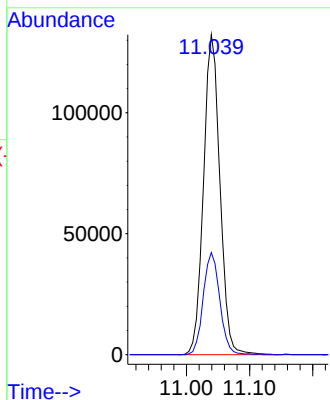
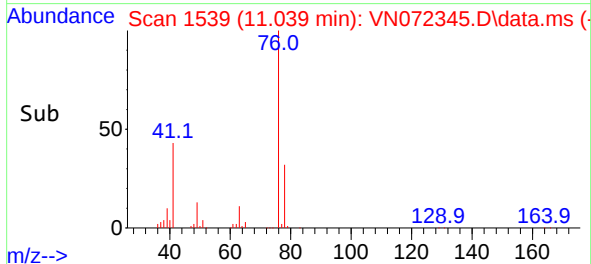
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



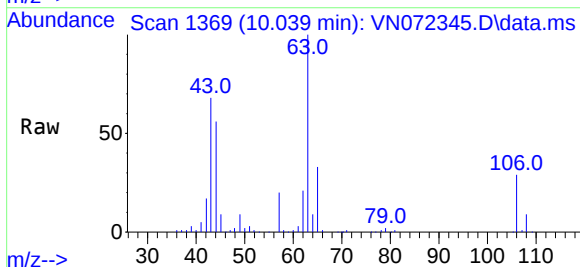
Tgt Ion: 76 Resp: 239034
Ion Ratio Lower Upper
76 100
78 32.1 26.2 39.2

Manual Integrations
APPROVED

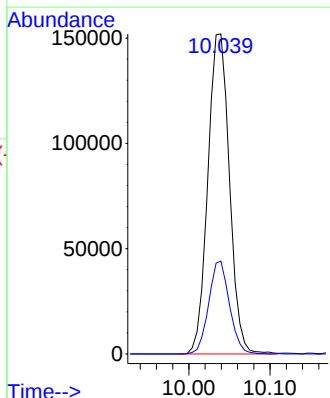
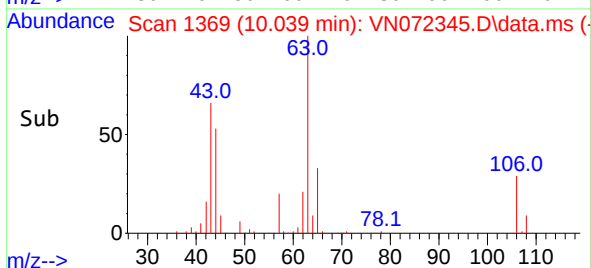
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

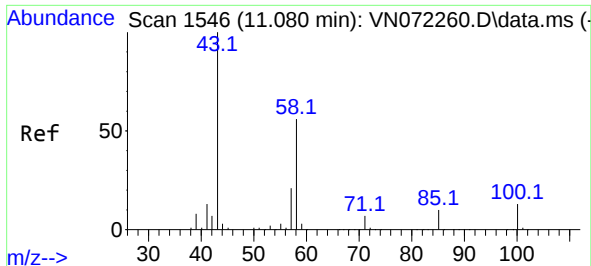


#58
2-Chloroethyl Vinyl ether
Concen: 223.622 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50



Tgt Ion: 63 Resp: 280725
Ion Ratio Lower Upper
63 100
106 27.8 24.6 36.8





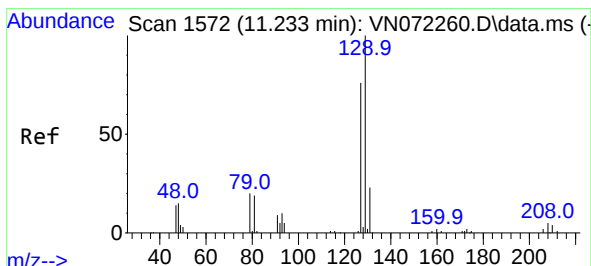
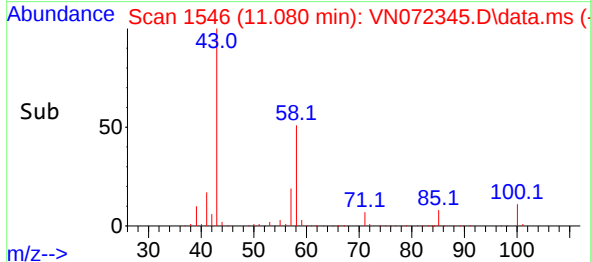
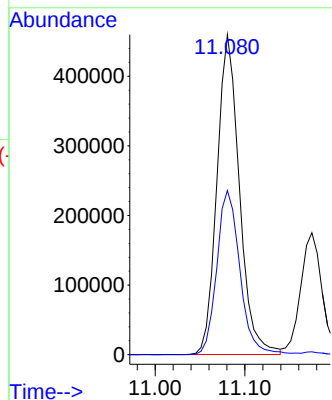
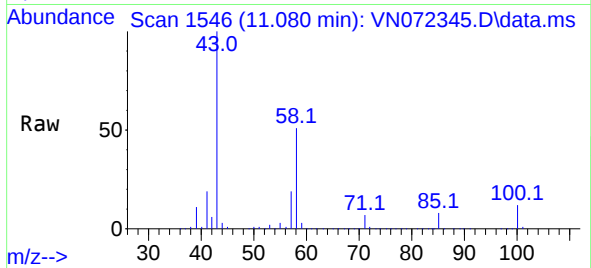
#59
2-Hexanone
Concen: 261.754 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. -0.001 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 799060
Ion Ratio Lower Upper
43 100
58 52.7 29.7 89.1

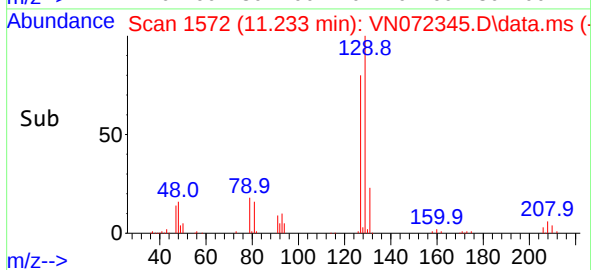
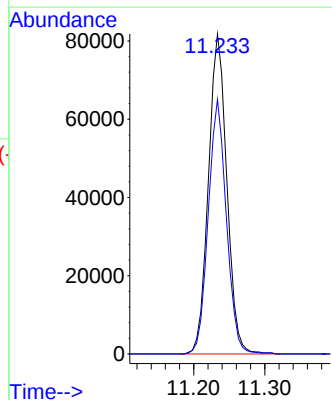
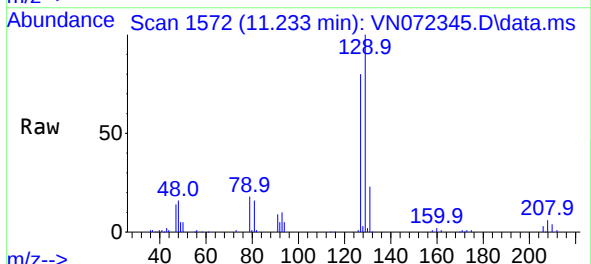
Manual Integrations
APPROVED

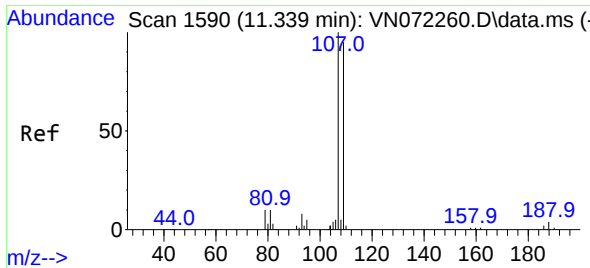
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022



#60
Dibromochloromethane
Concen: 53.605 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

Tgt Ion:129 Resp: 147372
Ion Ratio Lower Upper
129 100
127 78.3 38.8 116.4





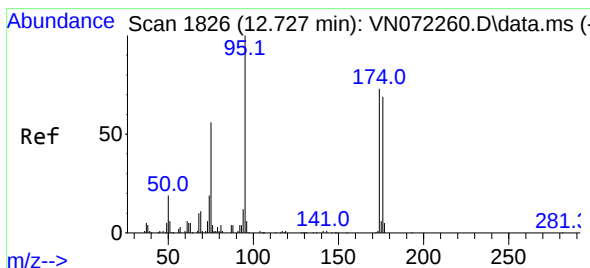
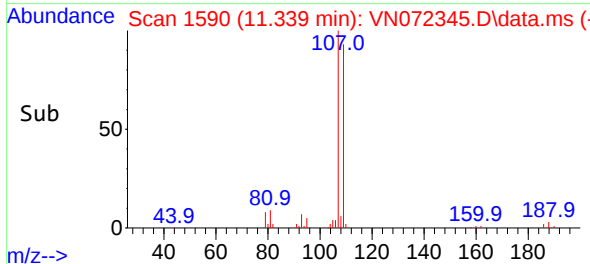
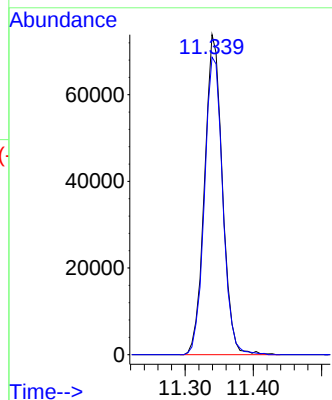
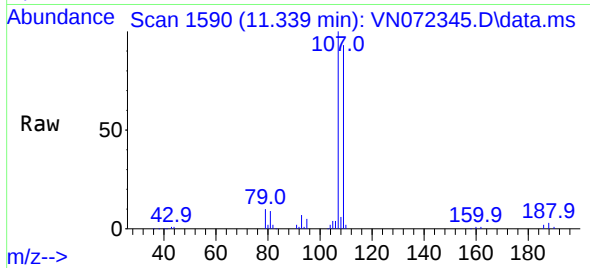
#61
1,2-Dibromoethane
Concen: 50.850 ug/l
RT: 11.339 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:107 Resp: 13445
Ion Ratio Lower Upper
107 100
109 95.1 75.0 112.6

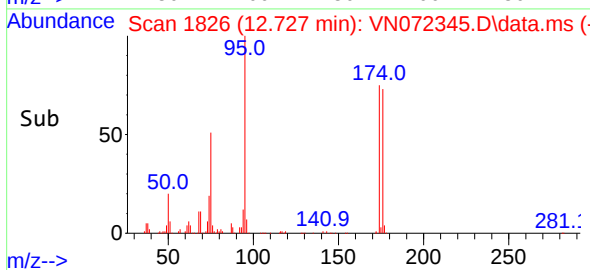
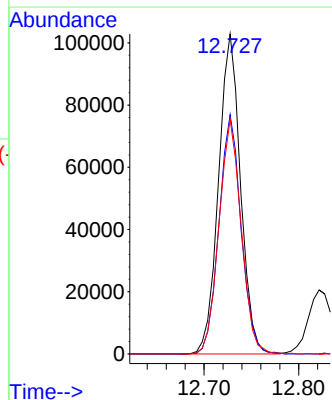
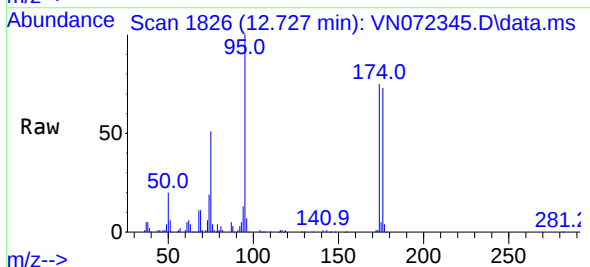
Manual Integrations
APPROVED

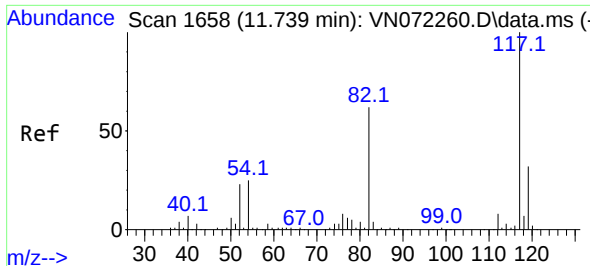
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022



#62
4-Bromofluorobenzene
Concen: 53.488 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

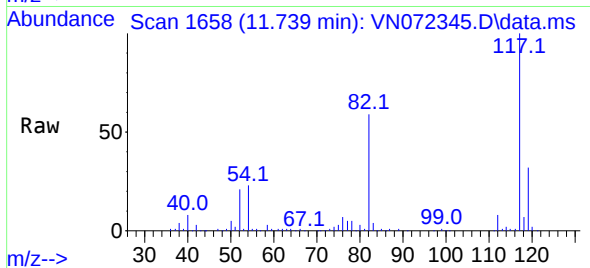
Tgt Ion: 95 Resp: 165729
Ion Ratio Lower Upper
95 100
174 75.3 0.0 167.6
176 74.0 0.0 163.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

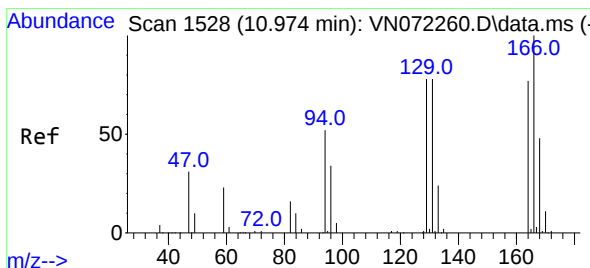
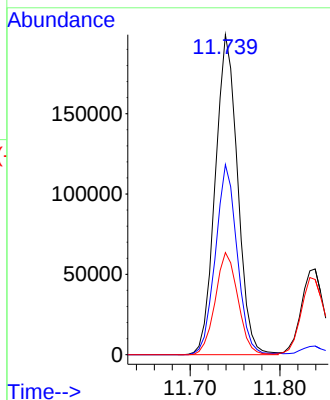
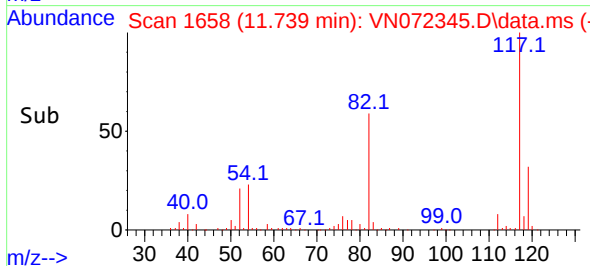
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



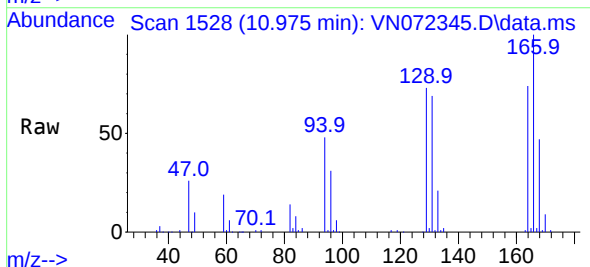
Tgt Ion:117 Resp: 344539
Ion Ratio Lower Upper
117 100
82 59.4 44.2 66.2
119 31.9 25.4 38.0

Manual Integrations
APPROVED

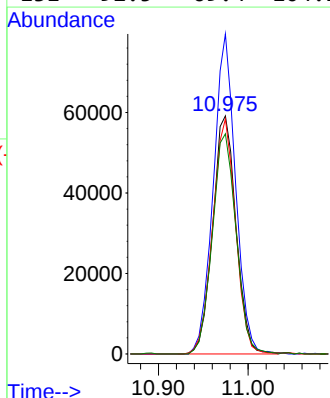
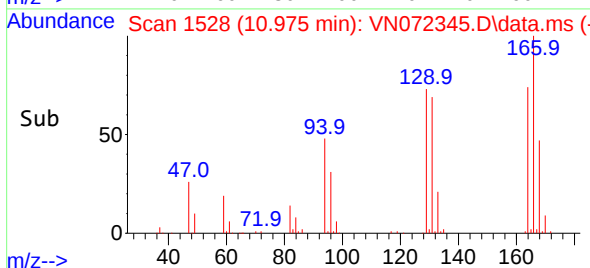
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

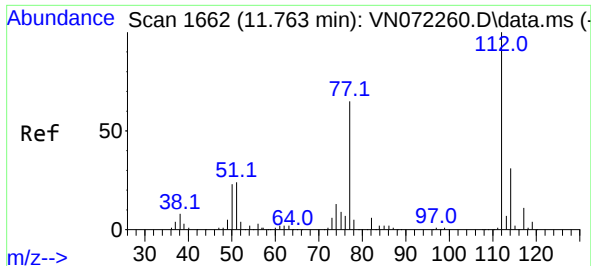


#64
Tetrachloroethene
Concen: 51.486 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50



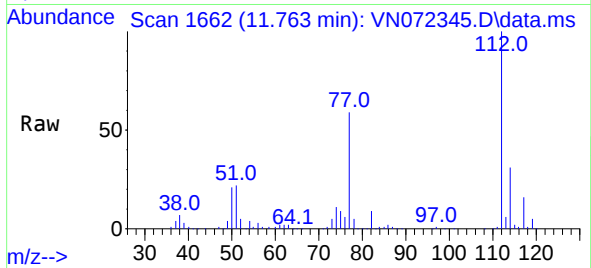
Tgt Ion:164 Resp: 106778
Ion Ratio Lower Upper
164 100
166 134.4 104.2 156.2
129 98.7 73.9 110.9
131 92.5 69.4 104.2





#65
Chlorobenzene
Concen: 49.596 ug/l
RT: 11.763 min Scan# 1662
Delta R.T. -0.006 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

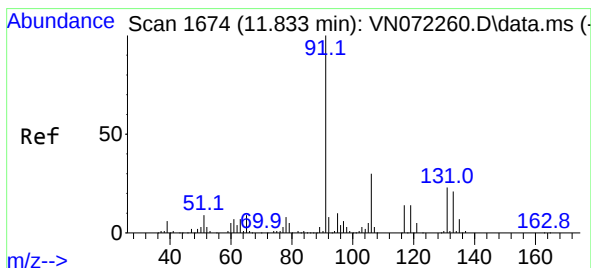
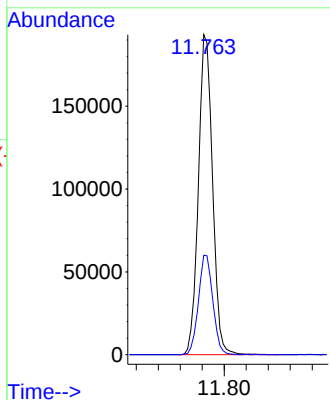
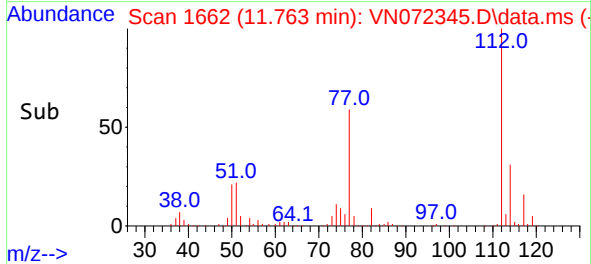
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



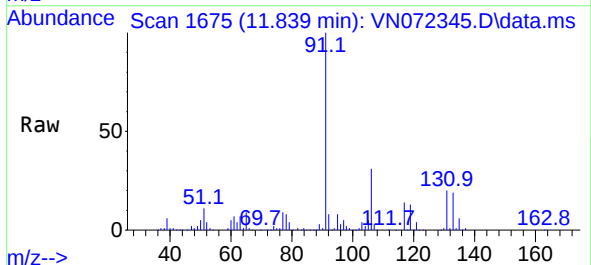
Tgt Ion:112 Resp: 34526
Ion Ratio Lower Upper
112 100
114 31.1 25.4 38.2

Manual Integrations
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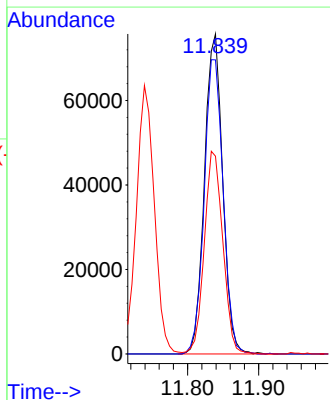
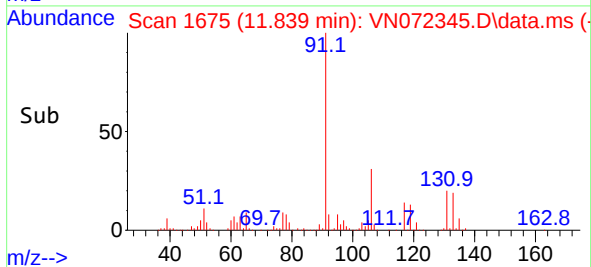
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

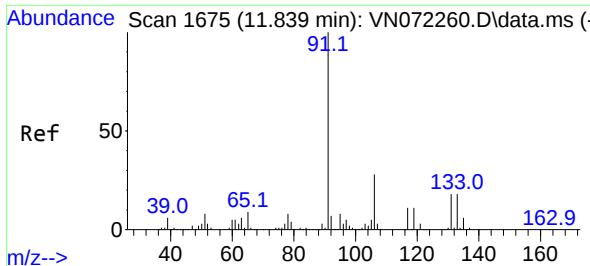


#66
1,1,1,2-Tetrachloroethane
Concen: 51.474 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50



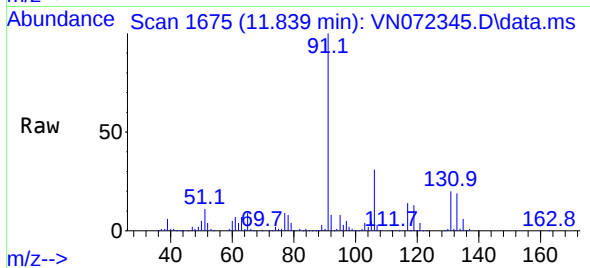
Tgt Ion:131 Resp: 135022
Ion Ratio Lower Upper
131 100
133 95.9 47.8 143.4
119 64.5 33.4 100.2





#67
Ethyl Benzene
Concen: 51.309 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

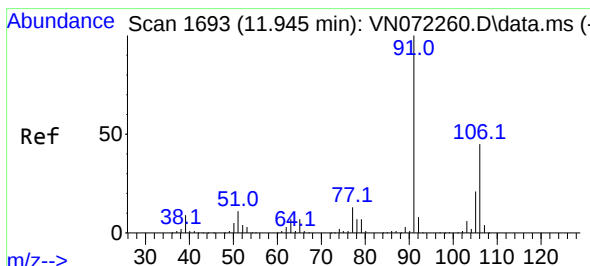
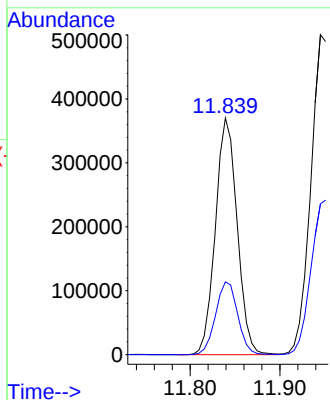
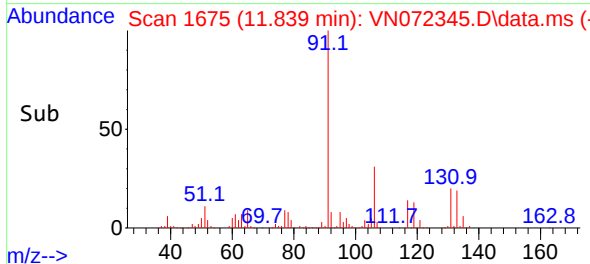
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



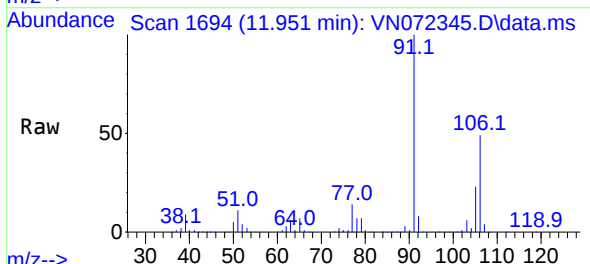
Tgt Ion: 91 Resp: 622910
Ion Ratio Lower Upper
91 100
106 30.8 24.9 37.3

Manual Integrations
APPROVED

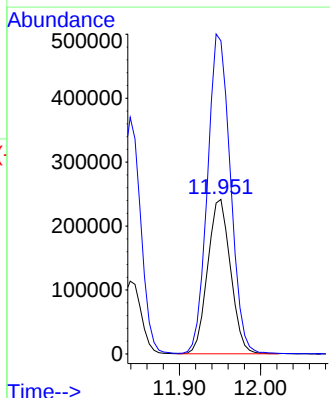
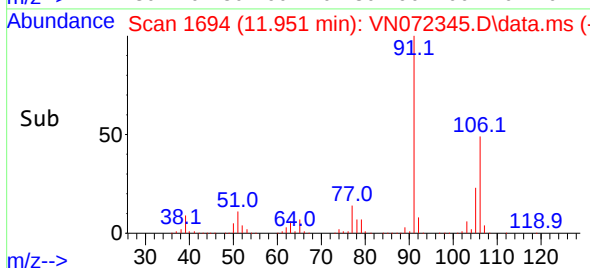
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

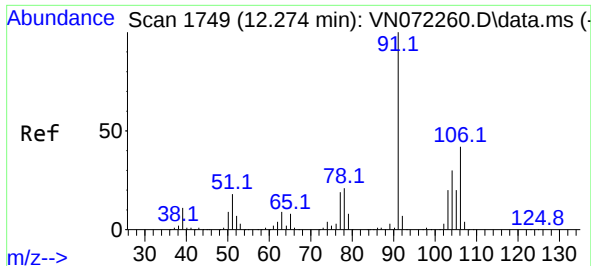


#68
m/p-Xylenes
Concen: 104.824 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50



Tgt Ion:106 Resp: 472571
Ion Ratio Lower Upper
106 100
91 207.8 158.9 238.3





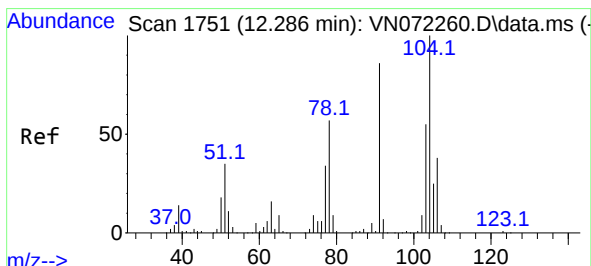
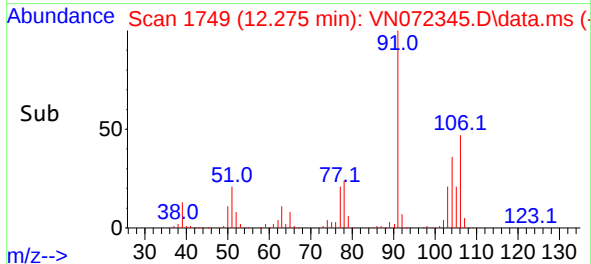
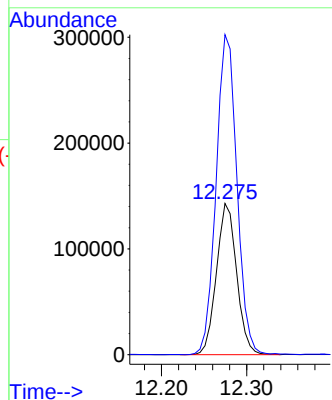
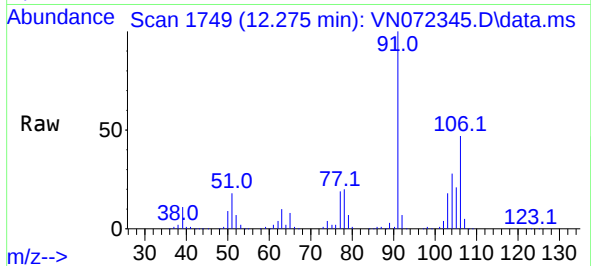
#69
o-Xylene
Concen: 53.865 ug/l
RT: 12.275 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 235417
Ion Ratio Lower Upper
106 100
91 218.1 106.0 318.0

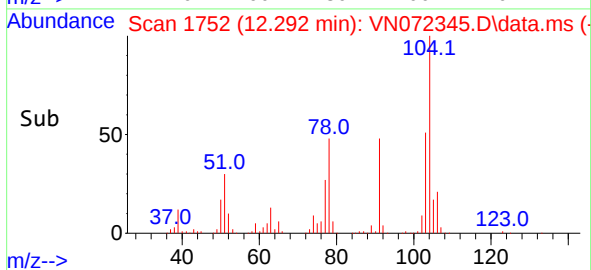
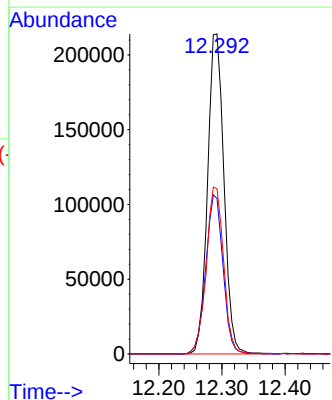
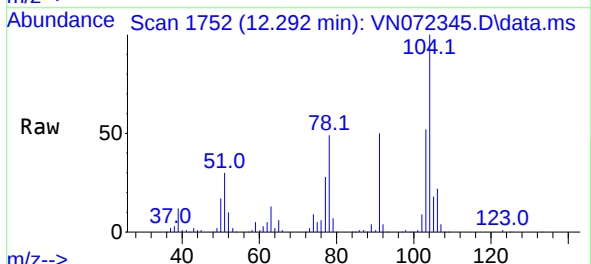
Manual Integrations
APPROVED

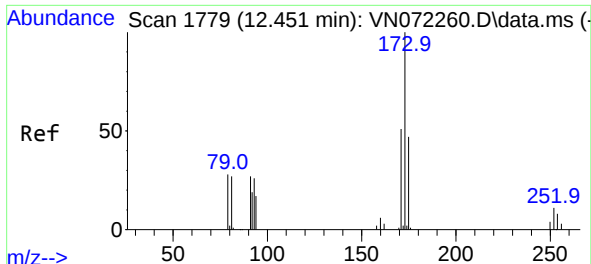
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022



#70
Styrene
Concen: 55.985 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

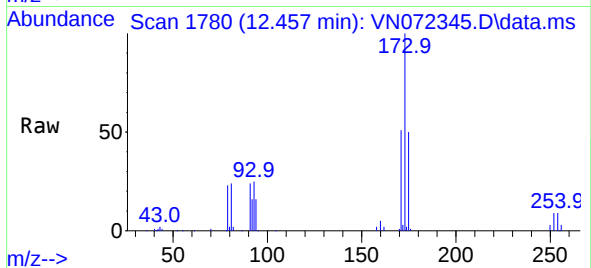
Tgt Ion:104 Resp: 385413
Ion Ratio Lower Upper
104 100
78 52.4 39.5 59.3
103 55.2 44.0 66.0





#71
Bromoform
Concen: 53.586 ug/l
RT: 12.457 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

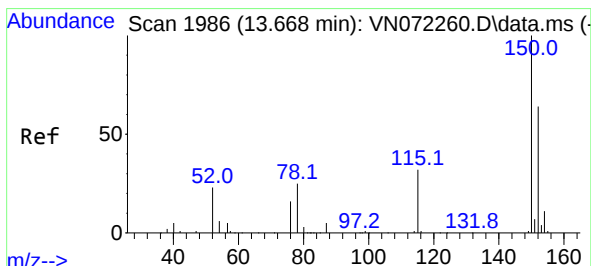
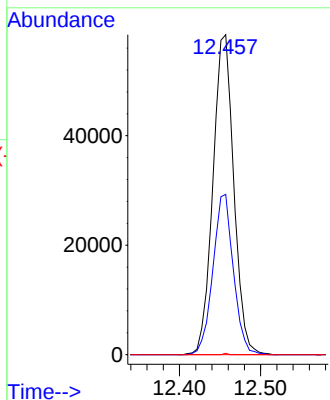
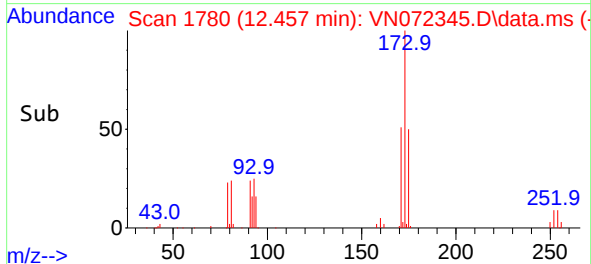
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 10454
Ion Ratio Lower Upper
173 100
175 49.2 24.6 73.6
254 0.1 0.1 0.1

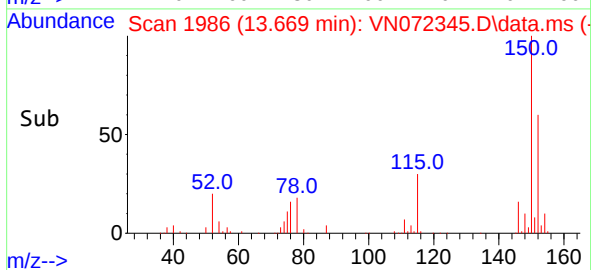
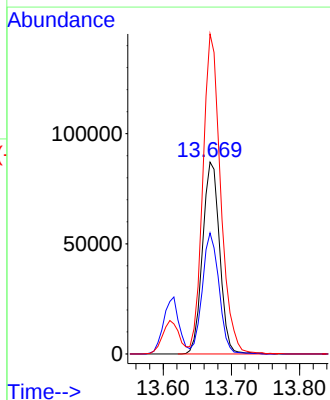
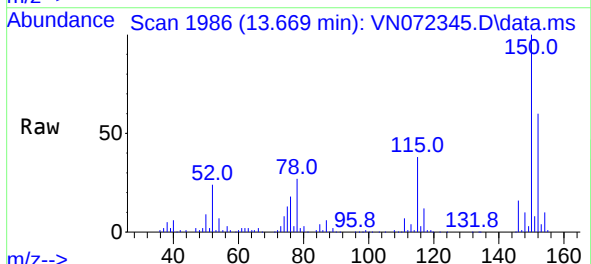
Manual Integrations
APPROVED

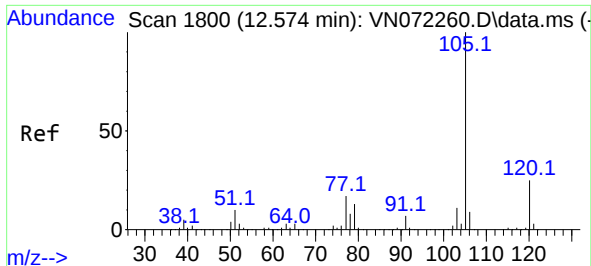
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

Tgt Ion:152 Resp: 151909
Ion Ratio Lower Upper
152 100
115 61.4 28.9 86.7
150 173.7 0.0 356.2





#73
Isopropylbenzene
Concen: 46.175 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

Instrument :

MSVOA_N

ClientSampleId :

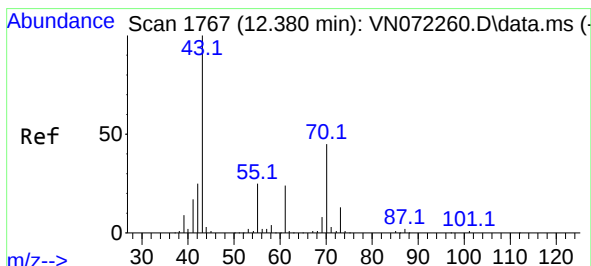
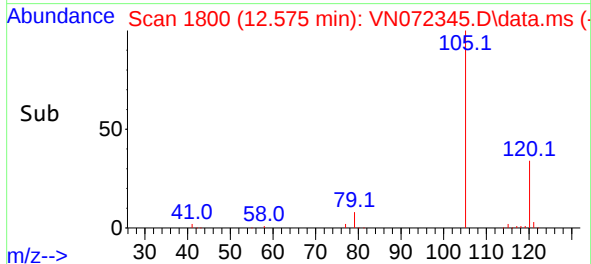
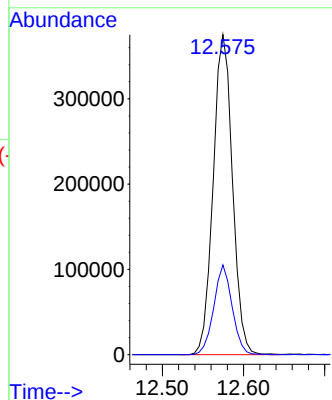
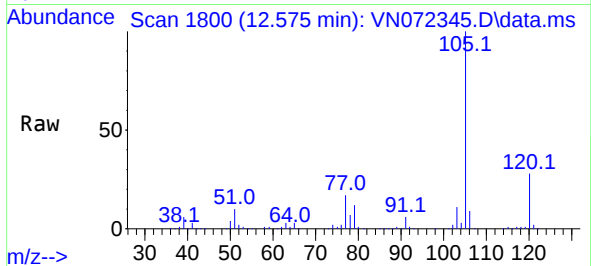
VSTDCCC050EC

Tgt Ion:105 Resp: 619520
Ion Ratio Lower Upper
105 100
120 26.7 13.5 40.4

Manual Integrations

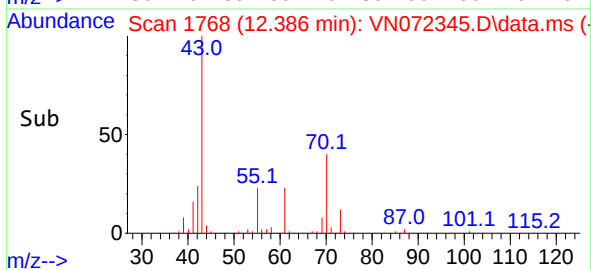
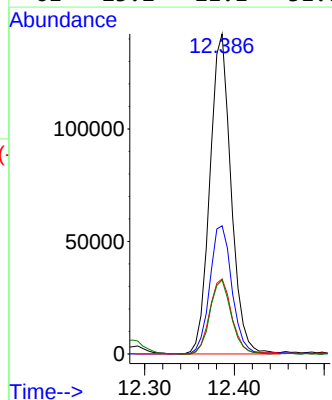
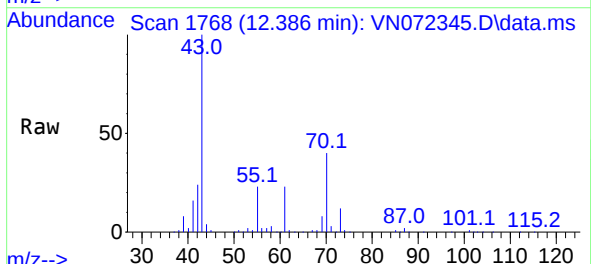
APPROVED

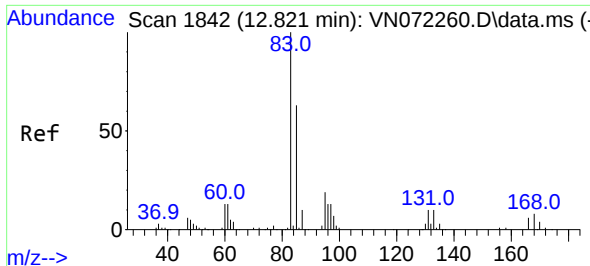
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022



#74
N-ethyl acetate
Concen: 46.413 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.006 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

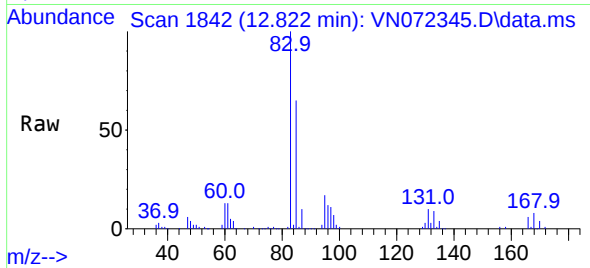
Tgt Ion: 43 Resp: 233293
Ion Ratio Lower Upper
43 100
70 41.9 39.0 58.4
55 24.6 21.1 31.7
61 23.2 21.1 31.7





#75
1,1,2,2-Tetrachloroethane
Concen: 46.633 ug/l
RT: 12.822 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

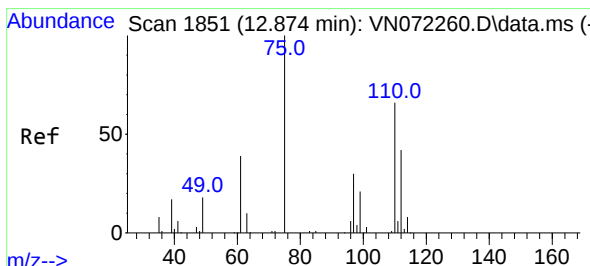
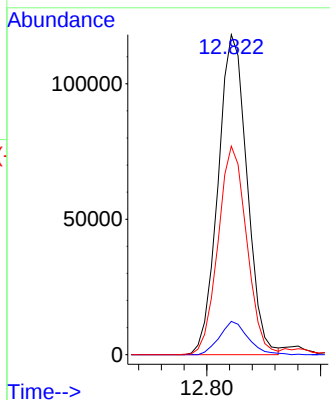
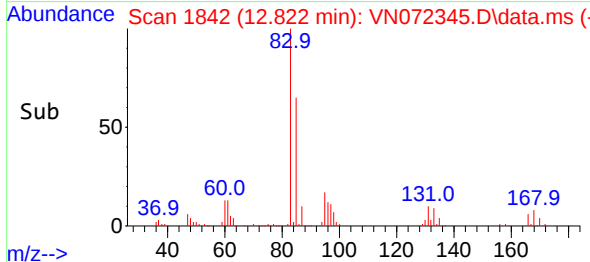
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



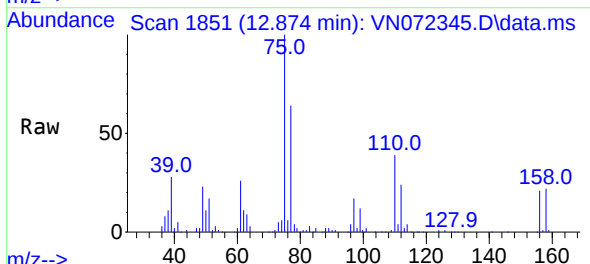
Tgt Ion: 83 Resp: 209104
Ion Ratio Lower Upper
83 100
131 10.3 5.3 15.9
85 64.4 32.3 96.9

Manual Integrations
APPROVED

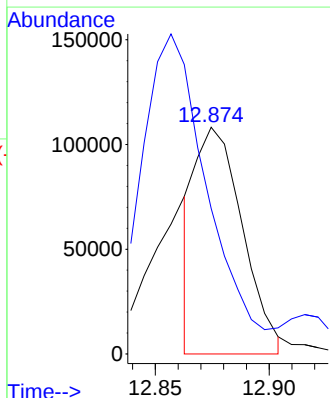
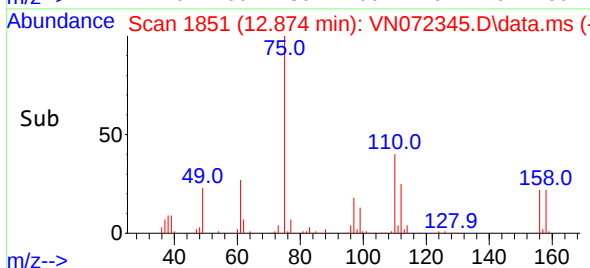
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

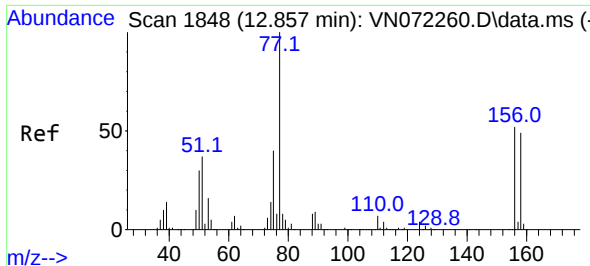


#76
1,2,3-Trichloropropane
Concen: 44.723 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50



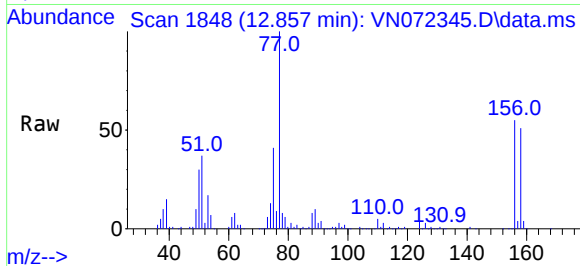
Tgt Ion: 75 Resp: 156092
Ion Ratio Lower Upper
75 100
77 200.9 98.5 295.5





#77
Bromobenzene
Concen: 43.954 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

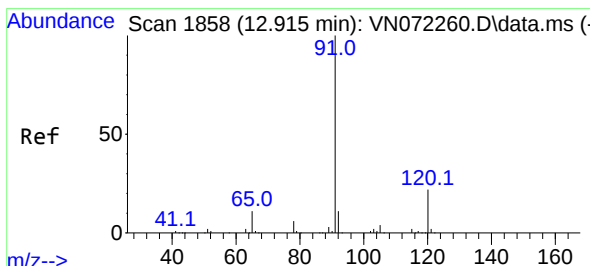
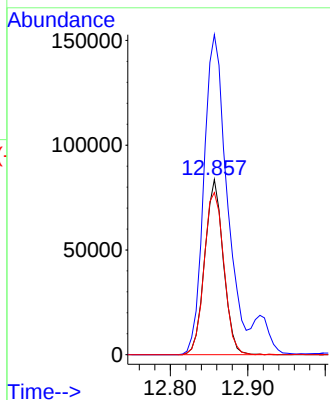
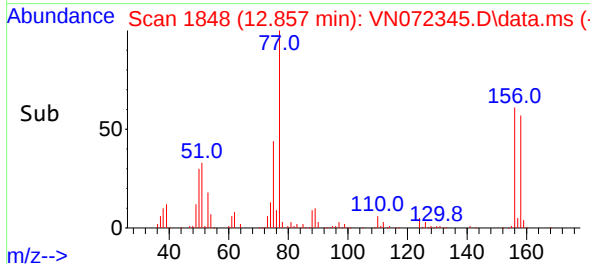
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



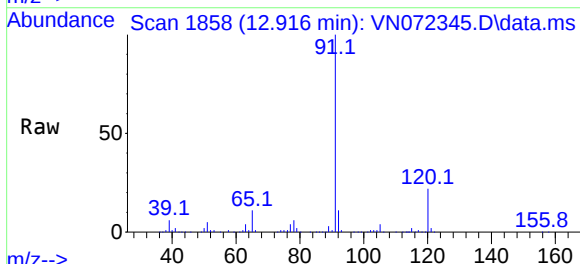
Tgt Ion:156 Resp: 139450
Ion Ratio Lower Upper
156 100
77 224.8 100.5 301.5
158 98.4 48.9 146.6

Manual Integrations
APPROVED

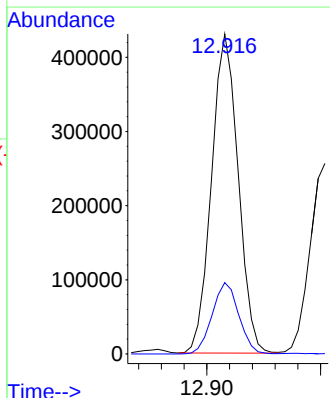
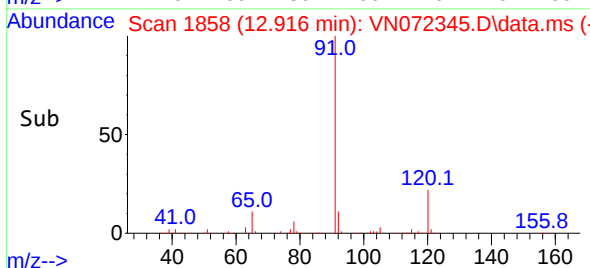
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

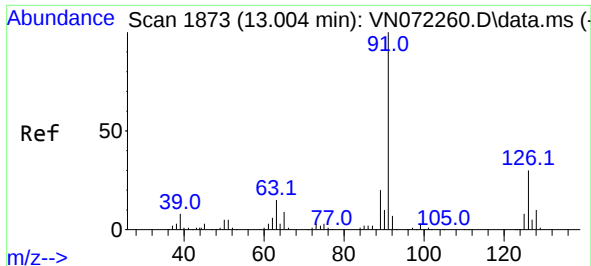


#78
n-propylbenzene
Concen: 47.448 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50



Tgt Ion: 91 Resp: 701295
Ion Ratio Lower Upper
91 100
120 22.3 11.9 35.5





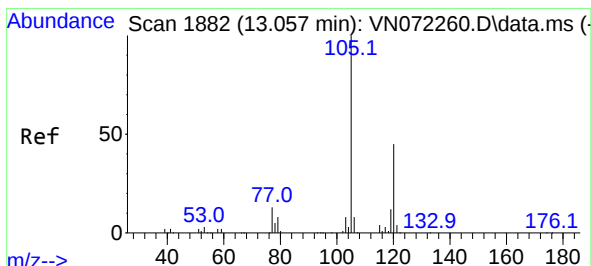
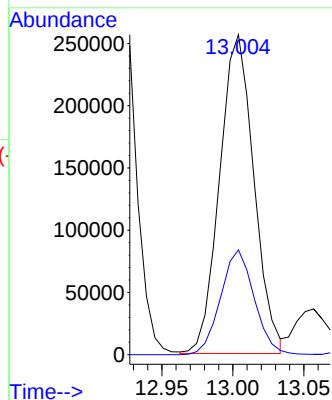
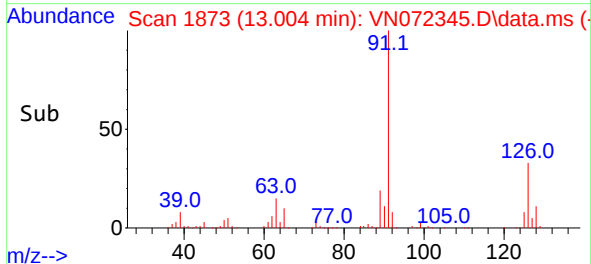
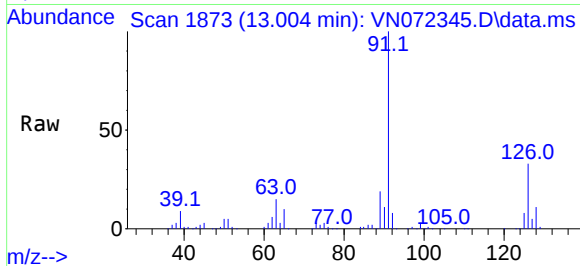
#79
2-Chlorotoluene
Concen: 44.297 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 43004
Ion Ratio Lower Upper
91 100
126 32.3 17.3 51.9

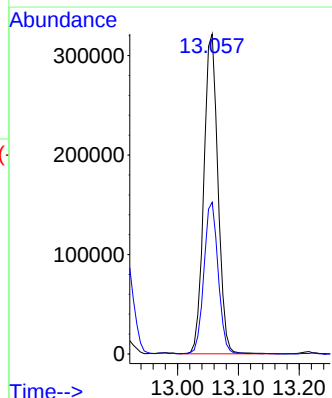
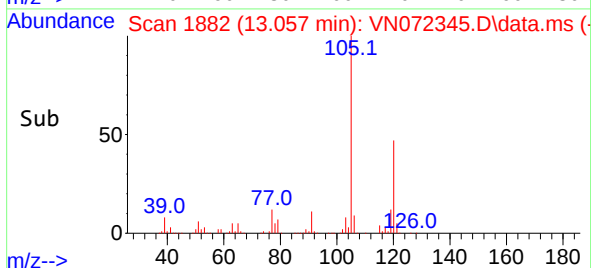
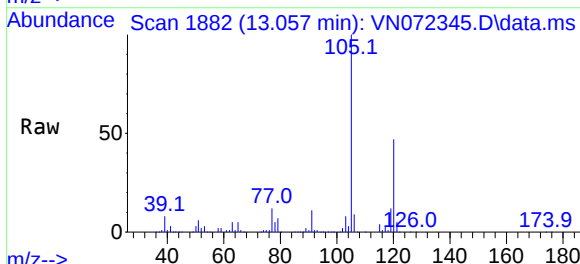
Manual Integrations
APPROVED

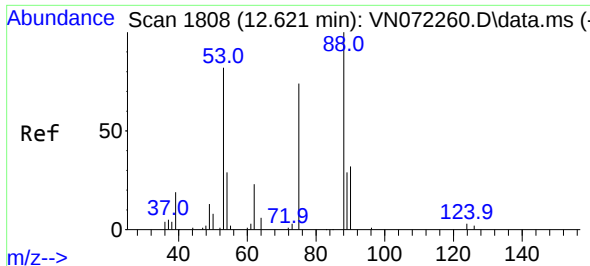
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022



#80
1,3,5-Trimethylbenzene
Concen: 46.358 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.006 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

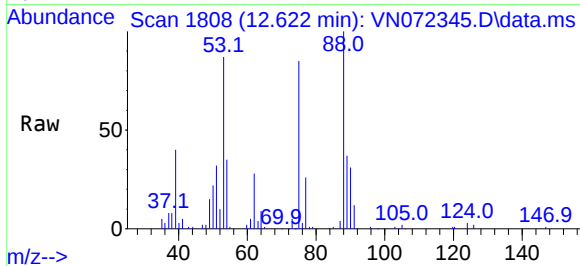
Tgt Ion:105 Resp: 517977
Ion Ratio Lower Upper
105 100
120 47.8 24.9 74.7





#81
trans-1,4-Dichloro-2-butene
Concen: 47.009 ug/l
RT: 12.622 min Scan# 1808
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

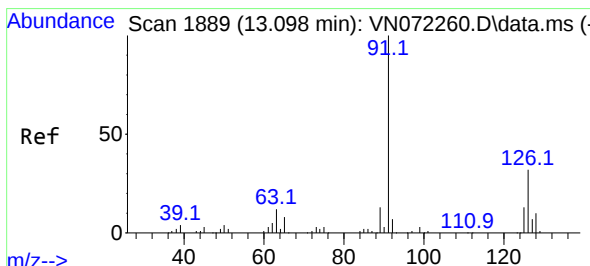
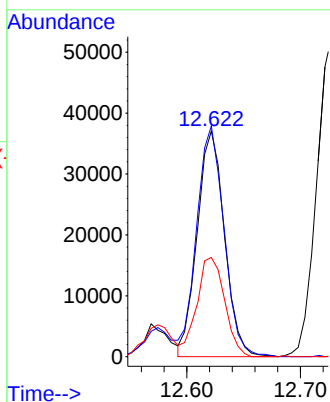
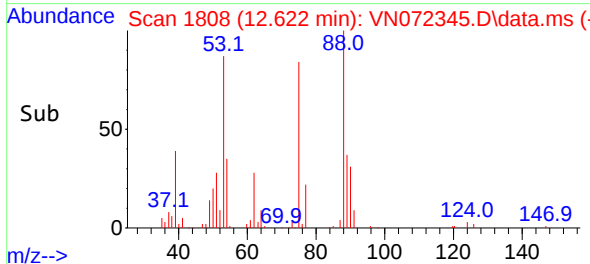
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



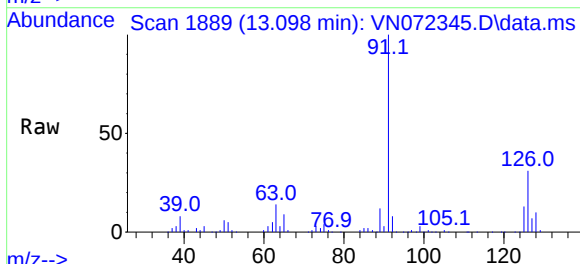
Tgt Ion: 75 Resp: 61760
Ion Ratio Lower Upper
75 100
53 104.0 78.0 117.0
89 45.0 37.2 55.8

Manual Integrations
APPROVED

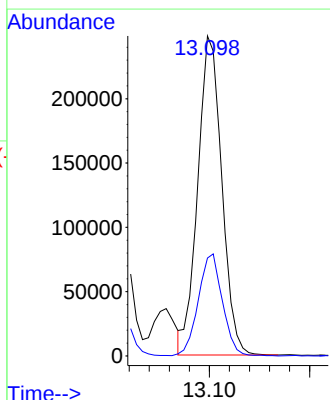
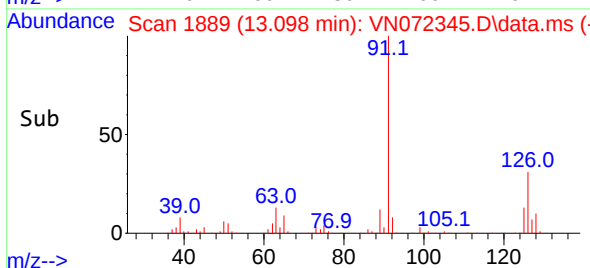
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

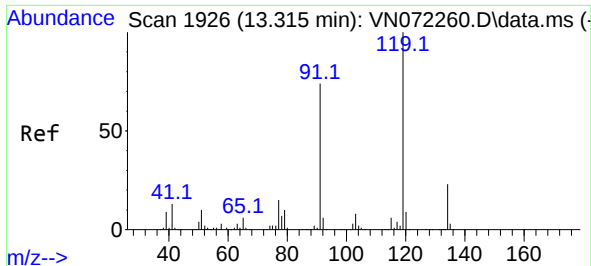


#82
4-Chlorotoluene
Concen: 45.778 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50



Tgt Ion: 91 Resp: 413709
Ion Ratio Lower Upper
91 100
126 32.2 17.2 51.6





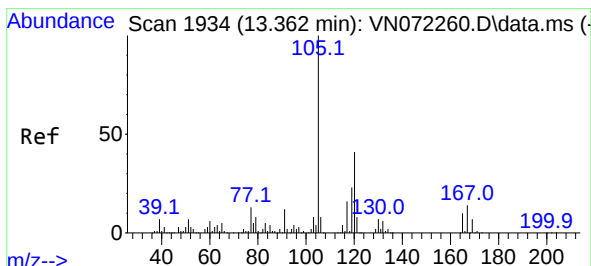
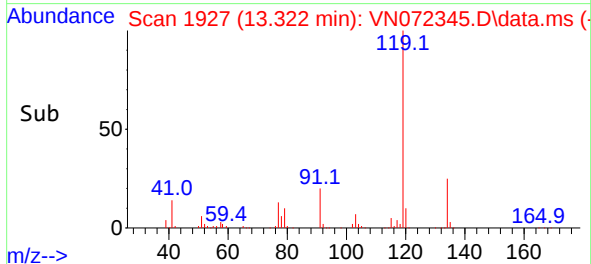
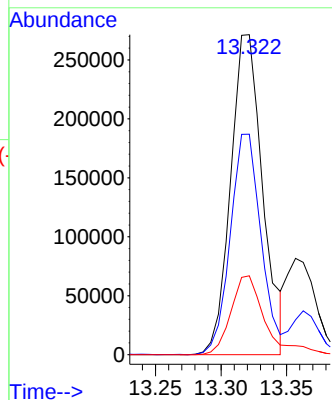
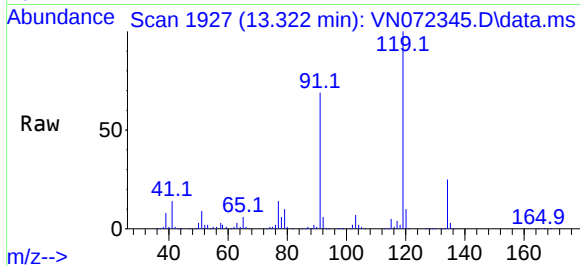
#83
tert-Butylbenzene
Concen: 47.117 ug/l
RT: 13.322 min Scan# 1926
Delta R.T. 0.005 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:119 Resp: 462238
Ion Ratio Lower Upper
119 100
91 66.0 31.6 94.8
134 26.3 13.7 41.1

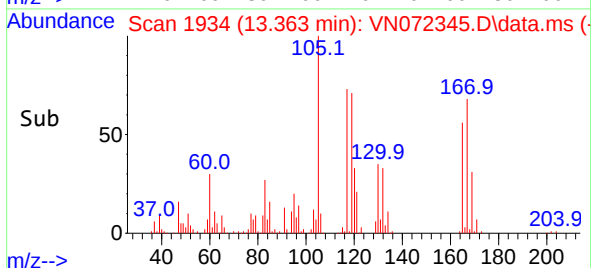
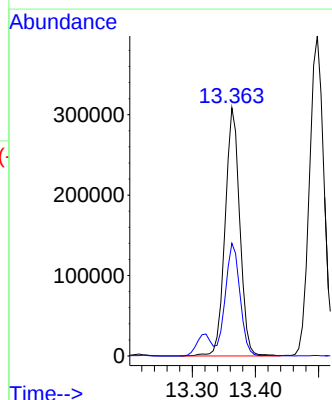
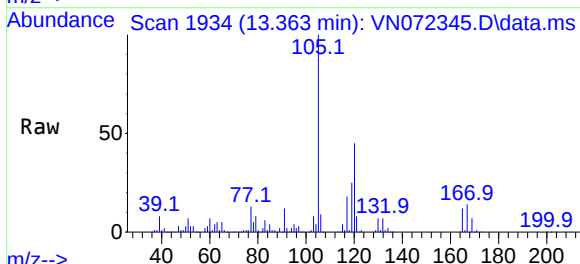
Manual Integrations
APPROVED

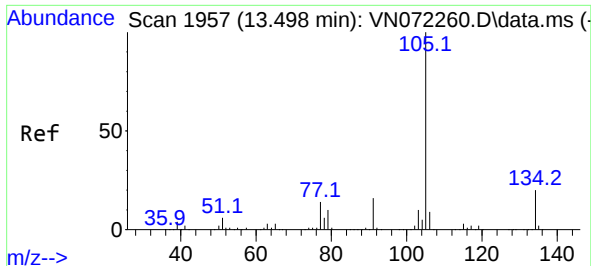
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022



#84
1,2,4-Trimethylbenzene
Concen: 46.128 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

Tgt Ion:105 Resp: 498678
Ion Ratio Lower Upper
105 100
120 45.6 23.3 69.8





#85
 sec-Butylbenzene
 Concen: 49.779 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. -0.000 min
 Lab File: VN072345.D
 Acq: 05 May 2022 17:50

Instrument :

MSVOA_N

ClientSampleId :

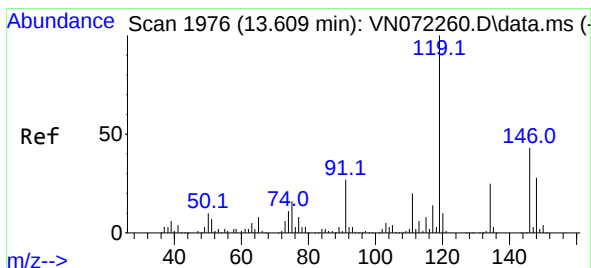
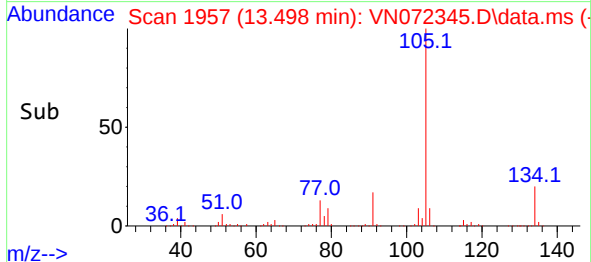
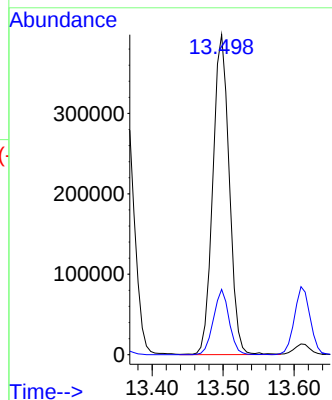
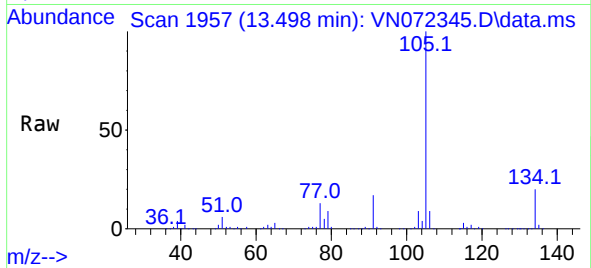
VSTDCCC050EC

Tgt Ion:105 Resp: 636679
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.1

Manual Integrations

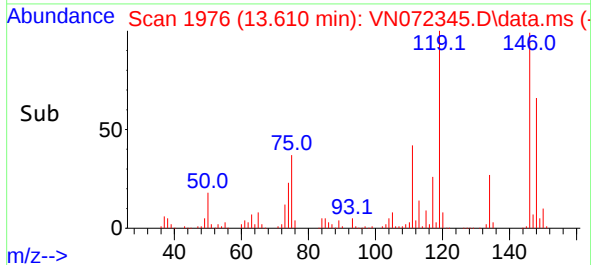
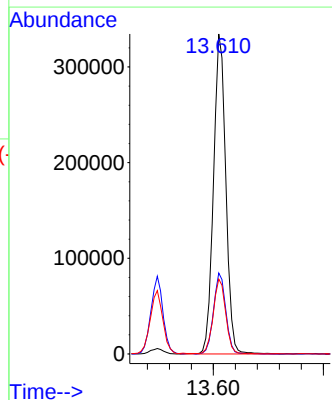
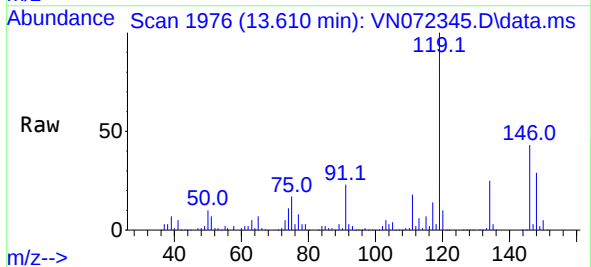
APPROVED

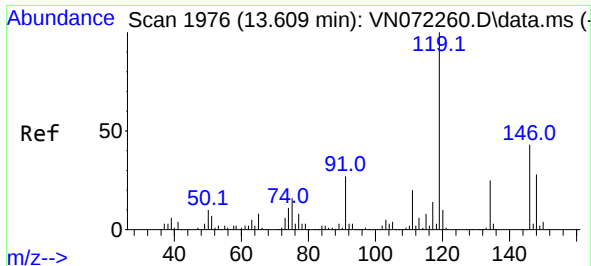
Reviewed By :John Carlone 05/06/2022
 Supervised By :Mahesh Dadoda 05/06/2022



#86
 p-Isopropyltoluene
 Concen: 52.196 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VN072345.D
 Acq: 05 May 2022 17:50

Tgt Ion:119 Resp: 520466
 Ion Ratio Lower Upper
 119 100
 134 25.2 13.3 39.8
 91 23.6 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 49.161 ug/l

RT: 13.610 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VN072345.D

Acq: 05 May 2022 17:50

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 25245

Ion Ratio Lower Upper

146 100

111 41.8 20.0 60.0

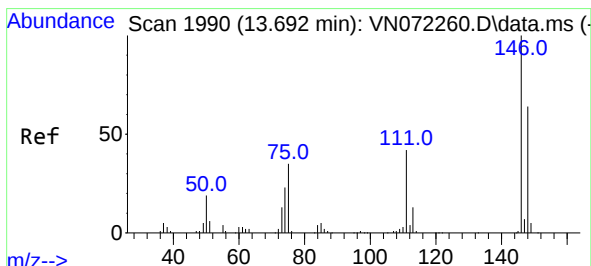
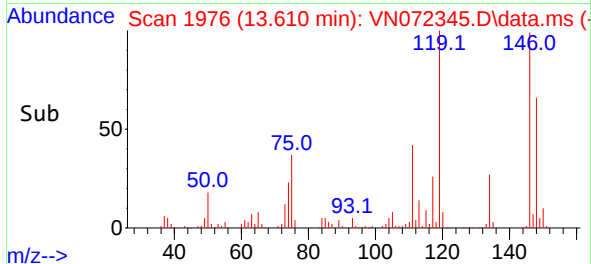
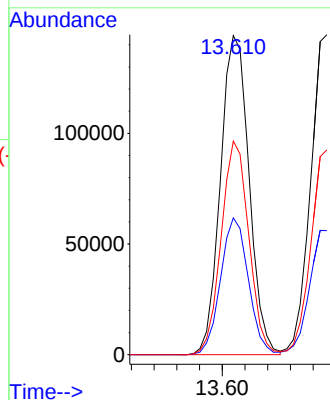
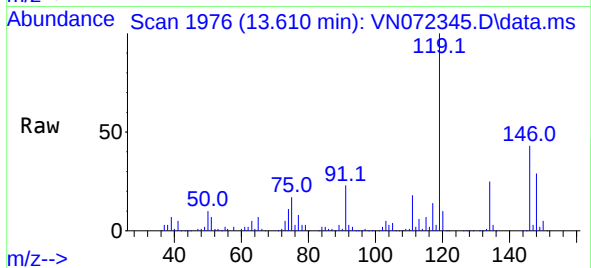
148 64.7 32.0 96.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/06/2022

Supervised By :Mahesh Dadoda 05/06/2022



#88

1,4-Dichlorobenzene

Concen: 50.028 ug/l

RT: 13.692 min Scan# 1990

Delta R.T. 0.000 min

Lab File: VN072345.D

Acq: 05 May 2022 17:50

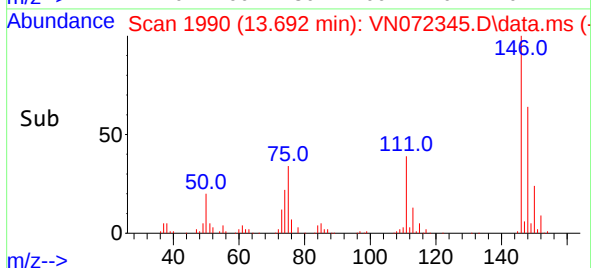
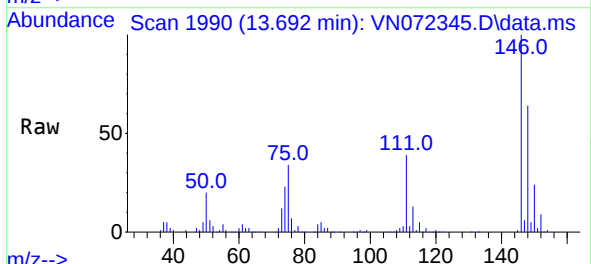
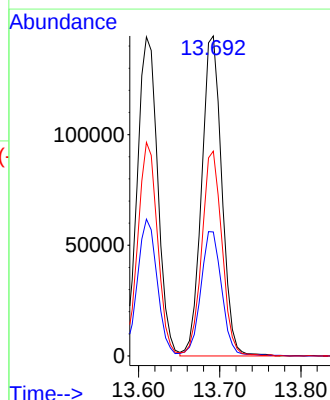
Tgt Ion:146 Resp: 249833

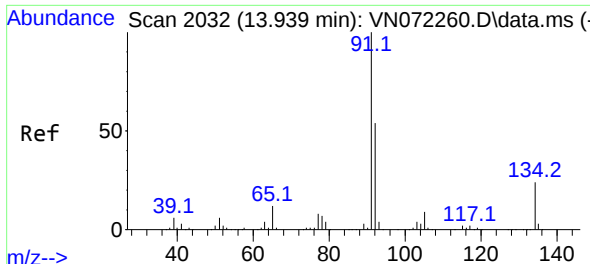
Ion Ratio Lower Upper

146 100

111 40.4 19.1 57.1

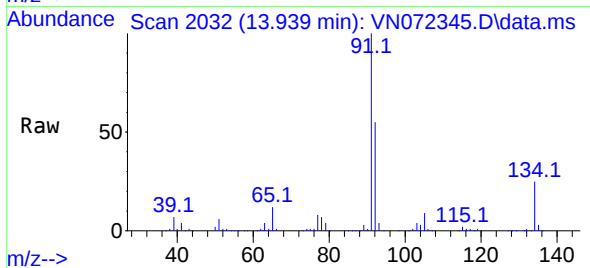
148 63.5 31.4 94.3





#89
n-Butylbenzene
Concen: 51.426 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

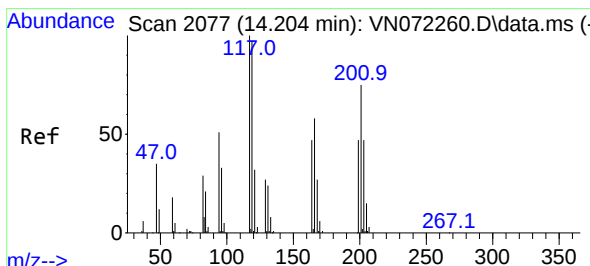
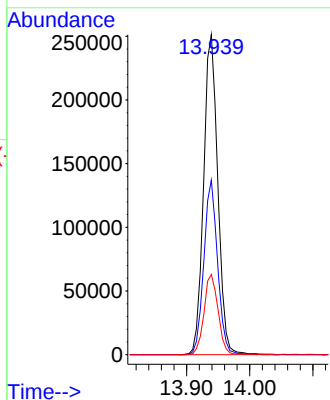
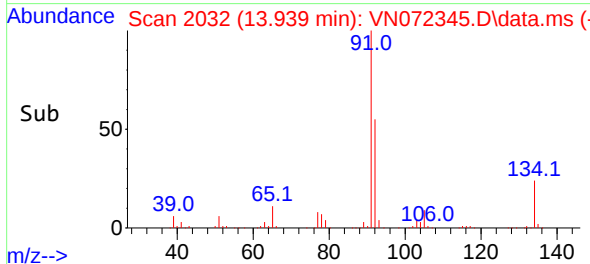
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 91 Resp: 392780
Ion Ratio Lower Upper
91 100
92 52.9 26.9 80.7
134 24.9 13.6 40.8

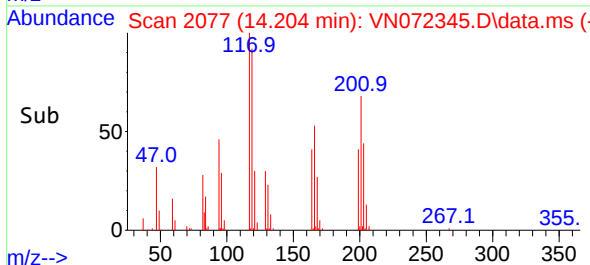
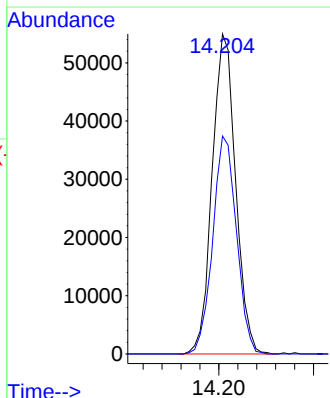
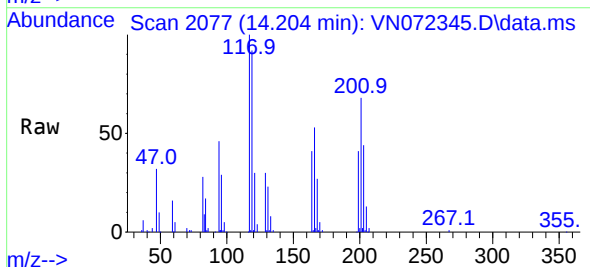
Manual Integrations
APPROVED

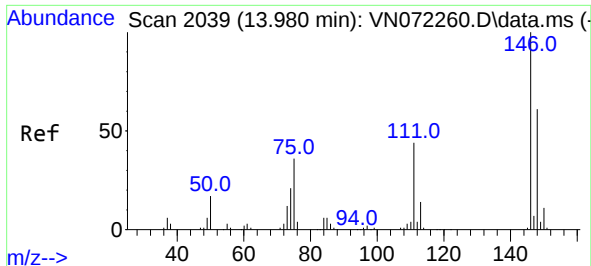
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022



#90
Hexachloroethane
Concen: 43.522 ug/l
RT: 14.204 min Scan# 2077
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

Tgt Ion:117 Resp: 94207
Ion Ratio Lower Upper
117 100
201 69.1 40.6 122.0





#91
1,2-Dichlorobenzene
Concen: 49.476 ug/l
RT: 13.986 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

Instrument :

MSVOA_N

ClientSampleId :

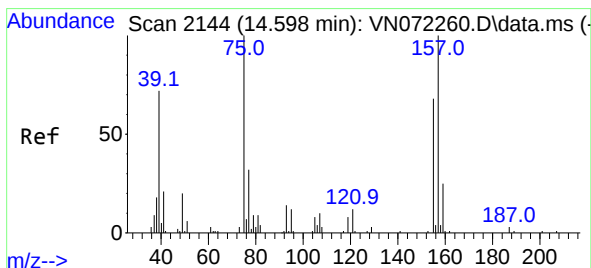
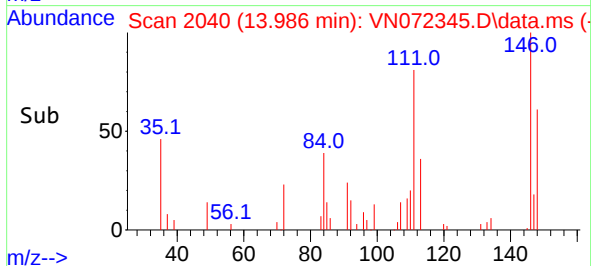
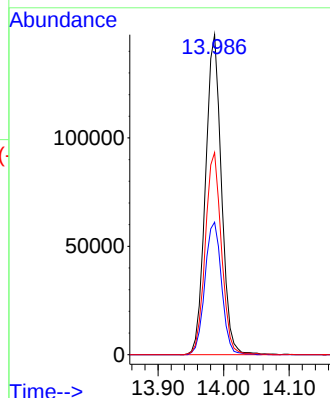
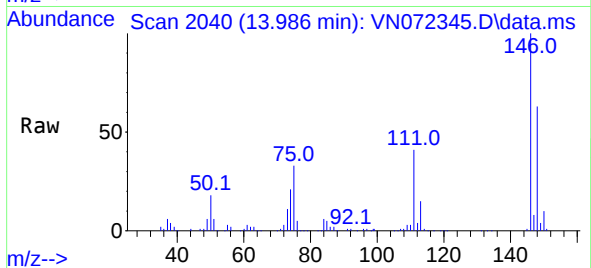
VSTDCCC050EC

Tgt Ion:146 Resp: 25041
Ion Ratio Lower Upper
146 100
111 43.1 20.9 62.8
148 64.0 32.1 96.3

Manual Integrations

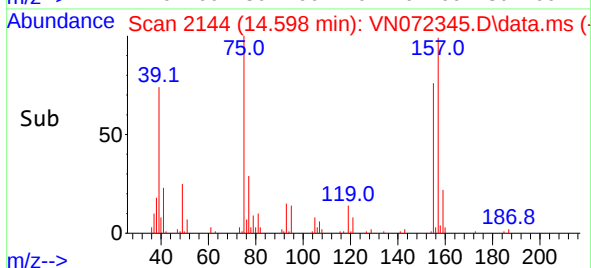
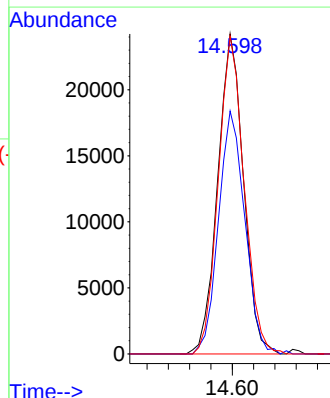
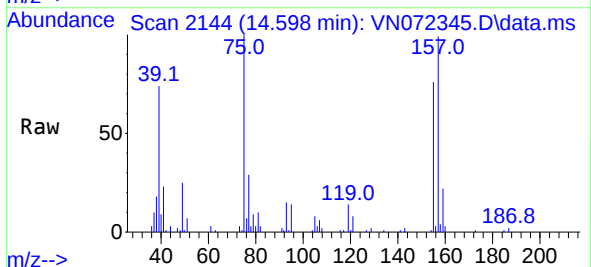
APPROVED

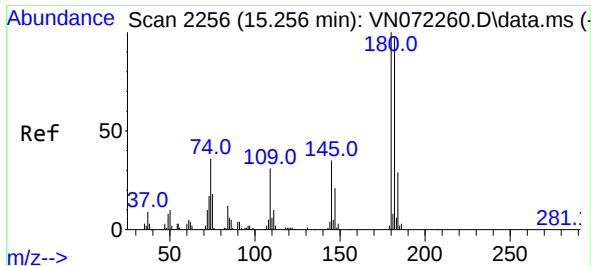
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.727 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

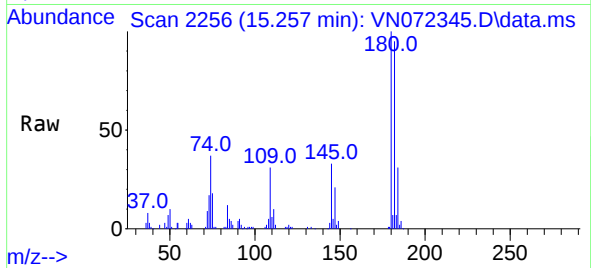
Tgt Ion: 75 Resp: 40575
Ion Ratio Lower Upper
75 100
155 77.9 44.9 134.5
157 99.5 59.0 176.8





#93
1,2,4-Trichlorobenzene
Concen: 45.917 ug/l
RT: 15.257 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

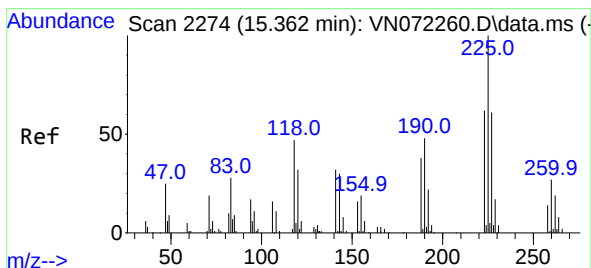
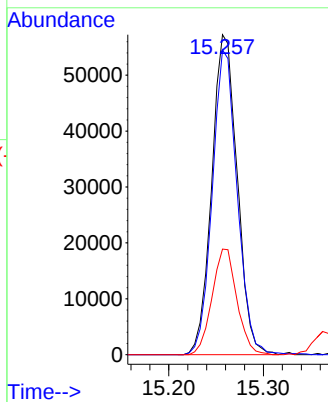
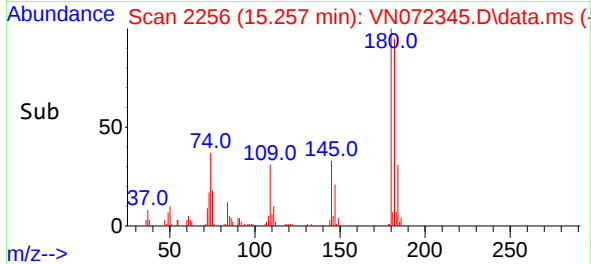
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



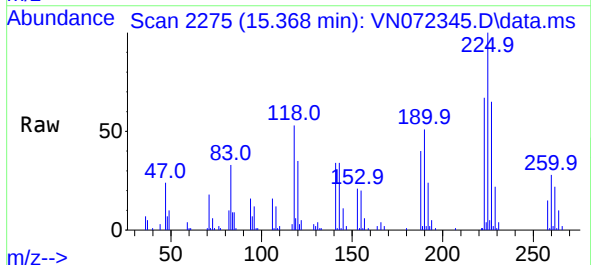
Tgt Ion:180 Resp: 106949
Ion Ratio Lower Upper
180 100
182 93.2 47.5 142.5
145 32.2 14.5 43.5

Manual Integrations
APPROVED

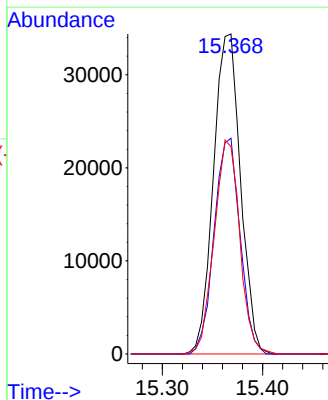
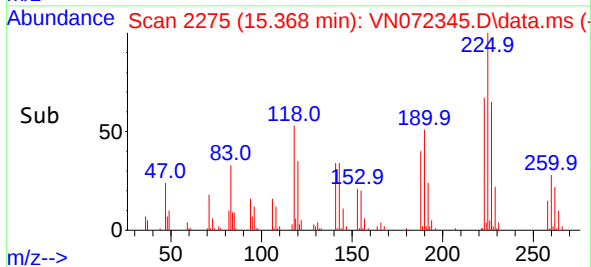
Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022

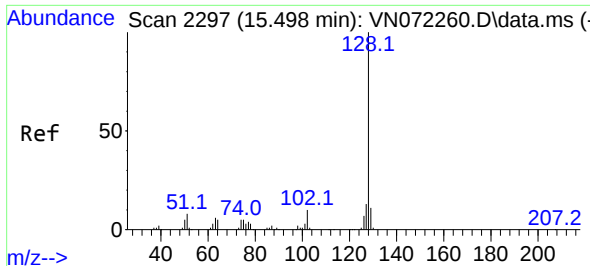


#94
Hexachlorobutadiene
Concen: 47.547 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.005 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50



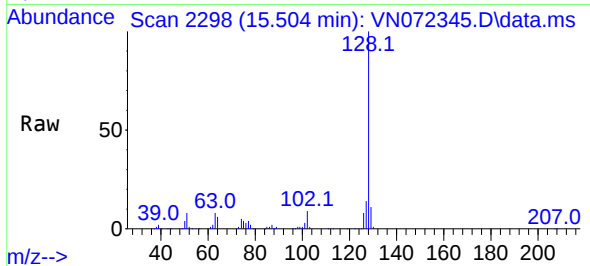
Tgt Ion:225 Resp: 64486
Ion Ratio Lower Upper
225 100
223 64.3 32.4 97.2
227 63.2 31.8 95.4





#95
Naphthalene
Concen: 41.393 ug/l
RT: 15.504 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

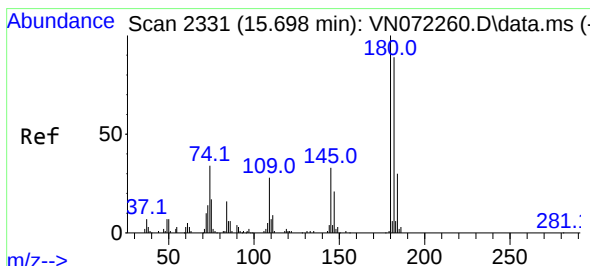
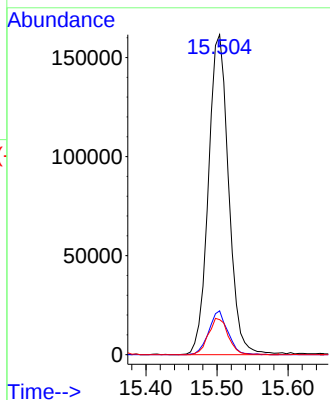
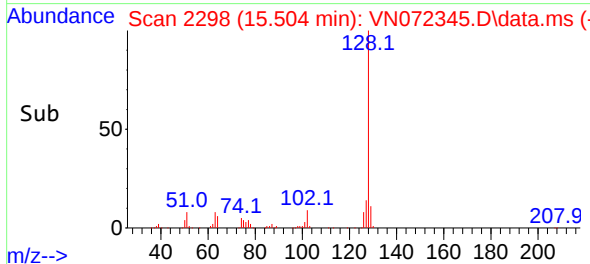
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 319314
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.1 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/06/2022
Supervised By :Mahesh Dadoda 05/06/2022



#96
1,2,3-Trichlorobenzene
Concen: 46.095 ug/l
RT: 15.692 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN072345.D
Acq: 05 May 2022 17:50

Tgt Ion:180 Resp: 106975
Ion Ratio Lower Upper
180 100
182 95.6 47.8 143.3
145 33.5 15.5 46.5

