

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032122\
 Data File : VN071435.D
 Acq On : 21 Mar 2022 22:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/22/2022
 Supervised By : Mahesh Dadoda 03/22/2022

Quant Time: Mar 22 06:25:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	624696	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1039960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	984352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	402120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	443270	51.774	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 103.540%			
35) Dibromofluoromethane	8.016	113	333342	50.795	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.580%			
50) Toluene-d8	10.439	98	1321888	50.029	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.060%			
62) 4-Bromofluorobenzene	12.727	95	736942	82.364	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 164.720%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.063	85	279715	40.855	ug/l	98
3) Chloromethane	2.293	50	398675	43.370	ug/l	99
4) Vinyl Chloride	2.434	62	371405	44.265	ug/l	96
5) Bromomethane	2.810	94	154045	39.909	ug/l	99
6) Chloroethane	2.981	64	230189	45.302	ug/l	96
7) Trichlorofluoromethane	3.351	101	507410	45.946	ug/l	98
8) Diethyl Ether	3.816	74	225712	47.762	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.198	101	296342	46.353	ug/l	94
10) Methyl Iodide	4.416	142	401600	44.476	ug/l	99
11) Tert butyl alcohol	5.369	59	497589	295.847	ug/l	98
12) 1,1-Dichloroethene	4.175	96	285791	45.633	ug/l	94
13) Acrolein	4.040	56	1840m	1.034	ug/l	
14) Allyl chloride	4.834	41	631198	46.339	ug/l #	85
15) Acrylonitrile	5.545	53	1291277	258.559	ug/l	99
16) Acetone	4.281	43	1085987	260.688	ug/l	95
17) Carbon Disulfide	4.522	76	689064	38.647	ug/l	99
18) Methyl Acetate	4.851	43	611116	54.579	ug/l	95
19) Methyl tert-butyl Ether	5.610	73	1199506	51.013	ug/l	95
20) Methylene Chloride	5.093	84	365113	47.970	ug/l	90
21) trans-1,2-Dichloroethene	5.587	96	307671	44.914	ug/l	88
22) Diisopropyl ether	6.492	45	1347604	50.217	ug/l	92
23) Vinyl Acetate	6.428	43	5886307	259.098	ug/l	98
24) 1,1-Dichloroethane	6.381	63	684596	48.278	ug/l	99
25) 2-Butanone	7.328	43	1838917	274.028	ug/l	95
26) 2,2-Dichloropropane	7.316	77	490685	44.853	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	389332	47.887	ug/l	90
28) Bromochloromethane	7.651	49	260815	41.303	ug/l	83
29) Tetrahydrofuran	7.681	42	1223732	263.224	ug/l	91
30) Chloroform	7.816	83	653737	48.337	ug/l	98
31) Cyclohexane	8.092	56	600125	43.893	ug/l	93
32) 1,1,1-Trichloroethane	8.010	97	567592	49.268	ug/l	98
36) 1,1-Dichloropropene	8.216	75	481119	45.757	ug/l	96
37) Ethyl Acetate	7.410	43	708856	48.986	ug/l	98
38) Carbon Tetrachloride	8.204	117	474421	46.648	ug/l	95
39) Methylcyclohexane	9.457	83	566740	45.818	ug/l	94
40) Benzene	8.457	78	1479762	46.710	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	386236	54.540	ug/l #	84
42) 1,2-Dichloroethane	8.528	62	542893	49.246	ug/l	100
43) Isopropyl Acetate	8.557	43	1104554	51.043	ug/l	96
44) Trichloroethene	9.216	130	353689	47.318	ug/l	100
45) 1,2-Dichloropropane	9.486	63	409866	48.196	ug/l	98
46) Dibromomethane	9.575	93	251960	48.137	ug/l	97
47) Bromodichloromethane	9.757	83	522471	49.393	ug/l	99
48) Methyl methacrylate	9.557	41	527250	52.577	ug/l #	84
49) 1,4-Dioxane	9.563	88	209000	1199.004	ug/l	87
51) 4-Methyl-2-Pentanone	10.327	43	3671569	273.393	ug/l	99
52) Toluene	10.498	92	937741	48.071	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	577254	49.506	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	621810	48.805	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	381901	48.856	ug/l	98
56) Ethyl methacrylate	10.757	69	693368	54.315	ug/l	92
57) 1,3-Dichloropropane	11.039	76	694141	49.472	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.039	63	789099	289.293	ug/l	95
59) 2-Hexanone	11.080	43	2728768	297.798	ug/l	99
60) Dibromochloromethane	11.233	129	396933	51.106	ug/l	100
61) 1,2-Dibromoethane	11.339	107	392138	49.084	ug/l	100
64) Tetrachloroethene	10.975	164	301300	43.888	ug/l	99
65) Chlorobenzene	11.769	112	1009696	47.763	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	371383	47.912	ug/l	99
67) Ethyl Benzene	11.839	91	1839839	49.223	ug/l	98
68) m/p-Xylenes	11.951	106	1372868	100.402	ug/l	98
69) o-Xylene	12.274	106	692505	50.524	ug/l	97
70) Styrene	12.292	104	1123824	52.969	ug/l	97
71) Bromoform	12.457	173	310234	52.702	ug/l #	99
73) Isopropylbenzene	12.574	105	1797597	46.373	ug/l	100
74) N-amyl acetate	12.386	43	786951	53.993	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	618047	53.851	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	501322m	51.524	ug/l	
77) Bromobenzene	12.857	156	412790	45.667	ug/l	79
78) n-propylbenzene	12.916	91	1994834	47.957	ug/l	97
79) 2-Chlorotoluene	13.004	91	1227705	45.979	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	1418499	47.035	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	184375	49.564	ug/l	92
82) 4-Chlorotoluene	13.098	91	1153955	48.518	ug/l	94
83) tert-Butylbenzene	13.321	119	1312913	48.782	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	1408108	48.746	ug/l	98
85) sec-Butylbenzene	13.498	105	1772259	49.542	ug/l	99
86) p-Isopropyltoluene	13.610	119	1420603	50.495	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	674080	45.896	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	652243	45.431	ug/l	98
89) n-Butylbenzene	13.939	91	1095063	49.766	ug/l	96
90) Hexachloroethane	14.210	117	266804	47.689	ug/l	88
91) 1,2-Dichlorobenzene	13.986	146	658691	46.649	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	121310	53.786	ug/l	86
93) 1,2,4-Trichlorobenzene	15.257	180	333365	50.551	ug/l	97
94) Hexachlorobutadiene	15.368	225	181090	45.684	ug/l	98
95) Naphthalene	15.498	128	1074378	57.443	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	334474	52.817	ug/l	99

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

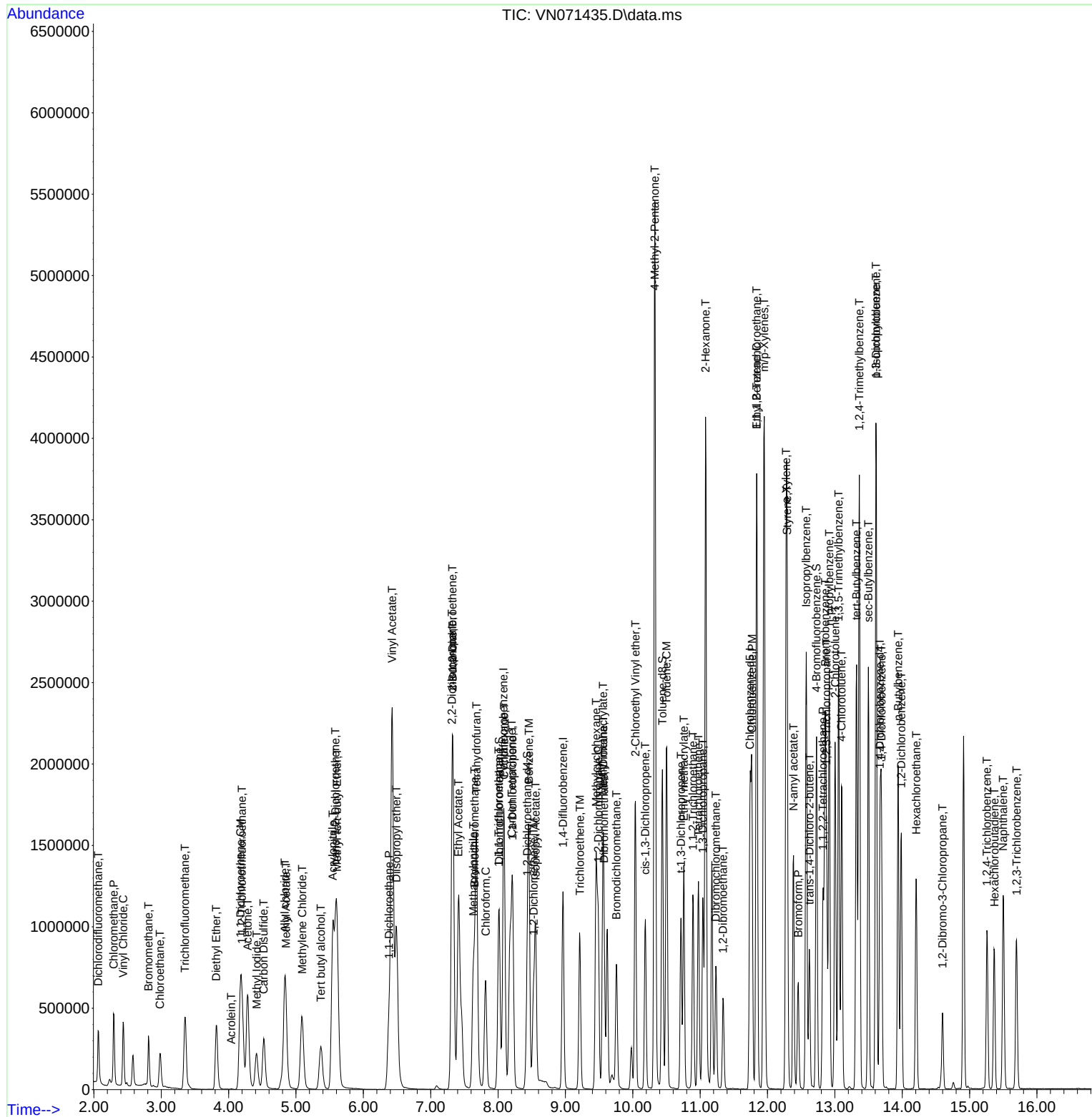
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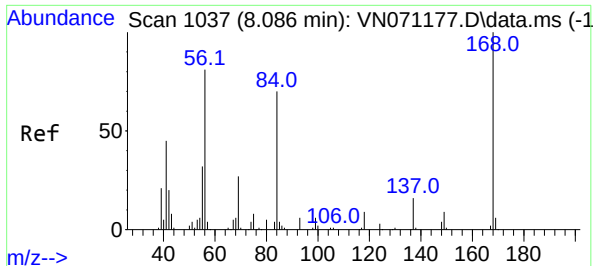
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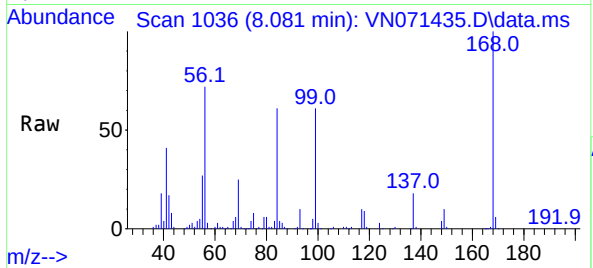
Reviewed By : John Carlone 03/22/2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
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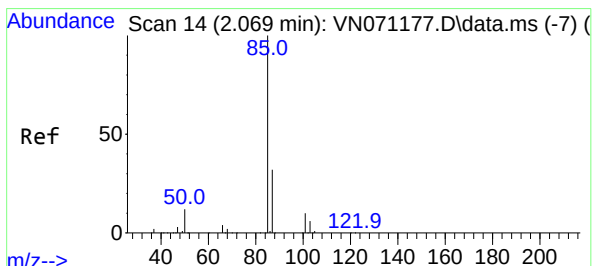
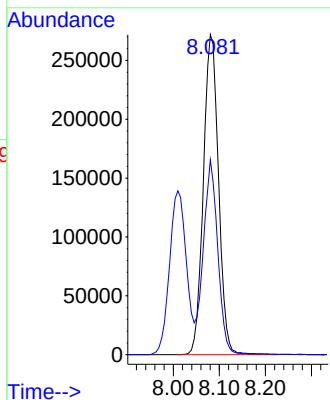
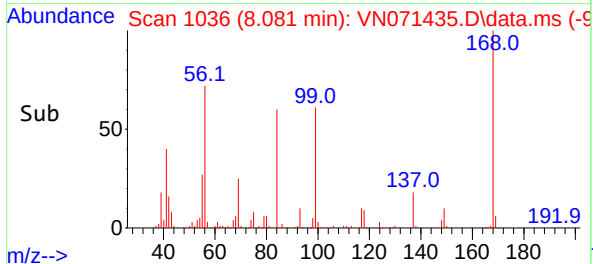
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ClientSampleId :
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Tgt Ion:168 Resp: 624690
Ion Ratio Lower Upper
168 100
99 60.8 41.3 61.9

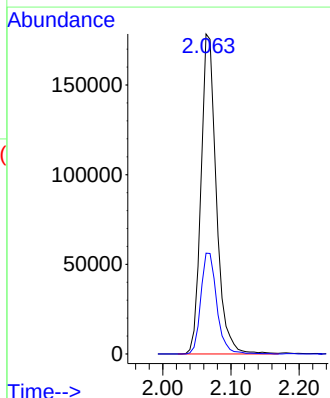
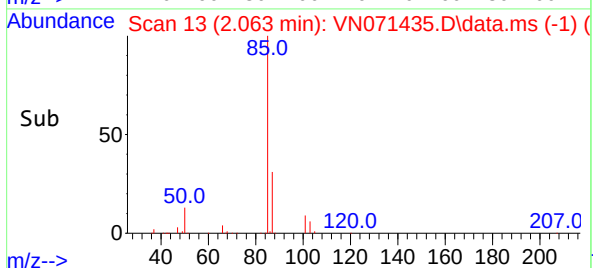
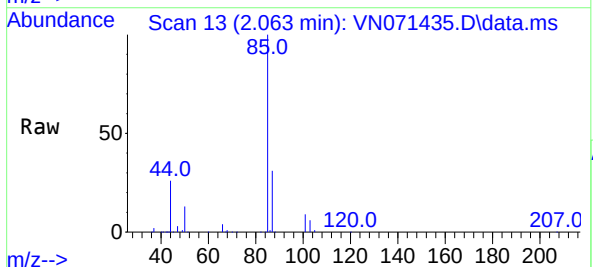
Manual Integrations
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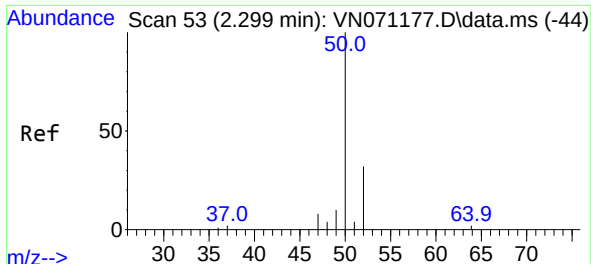
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#2
Dichlorodifluoromethane
Concen: 40.855 ug/l
RT: 2.063 min Scan# 13
Delta R.T. -0.006 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

Tgt Ion: 85 Resp: 279715
Ion Ratio Lower Upper
85 100
87 31.5 16.3 48.9





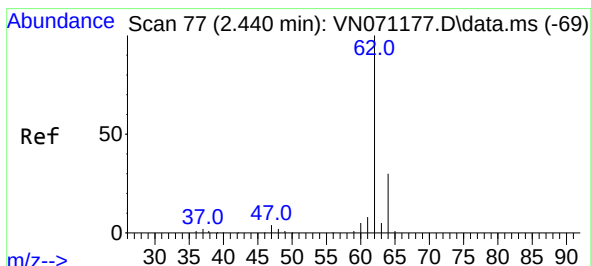
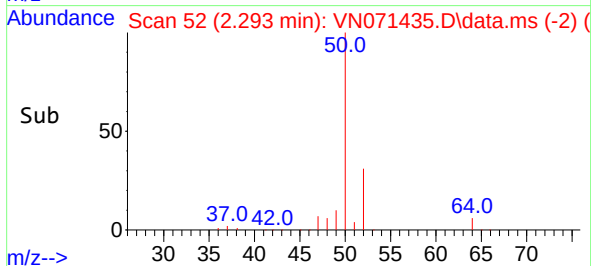
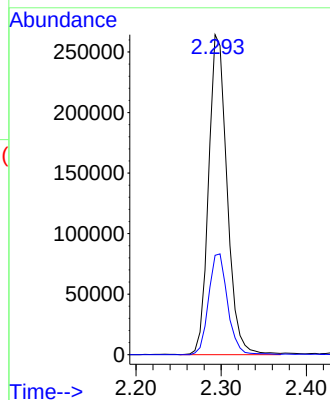
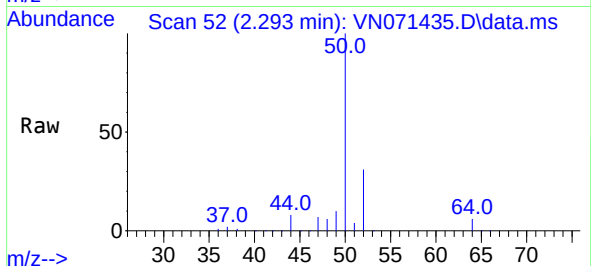
#3
Chloromethane
Concen: 43.370 ug/l
RT: 2.293 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

Instrument :
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Tgt Ion: 50 Resp: 398679
Ion Ratio Lower Upper
50 100
52 31.0 25.4 38.0

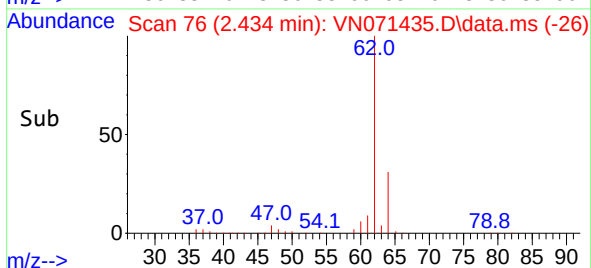
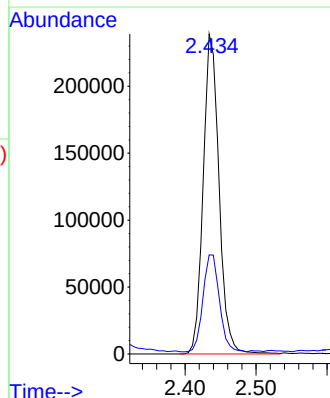
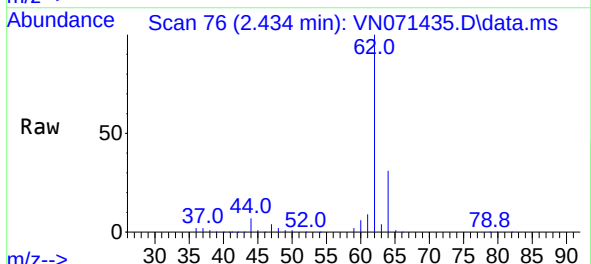
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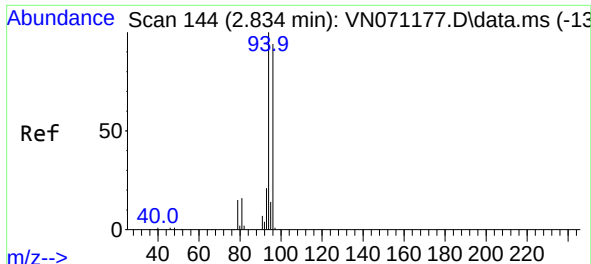
Reviewed By :John Carlone 03/22/2022
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#4
Vinyl Chloride
Concen: 44.265 ug/l
RT: 2.434 min Scan# 76
Delta R.T. -0.006 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

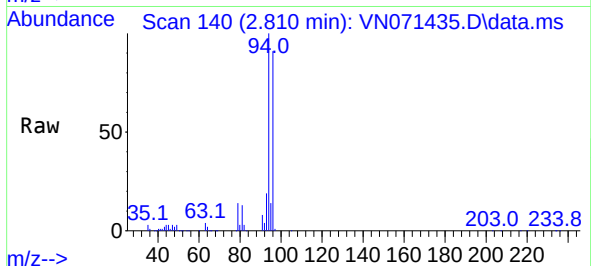
Tgt Ion: 62 Resp: 371405
Ion Ratio Lower Upper
62 100
64 30.2 25.8 38.6





#5
Bromomethane
Concen: 39.909 ug/l
RT: 2.810 min Scan# 144
Delta R.T. -0.024 min
Lab File: VN071435.D
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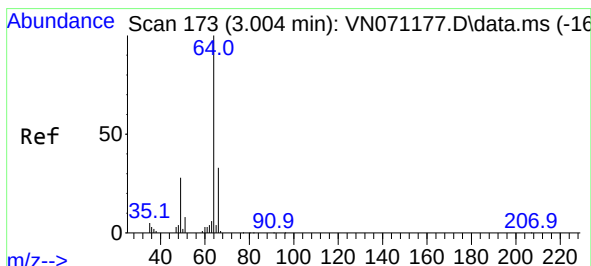
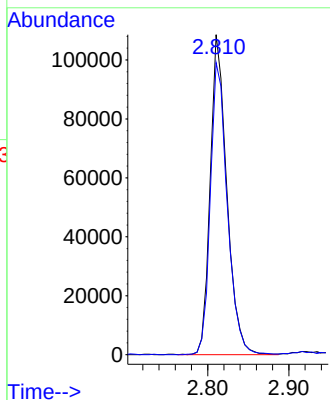
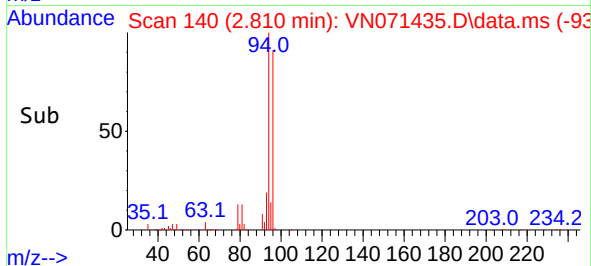
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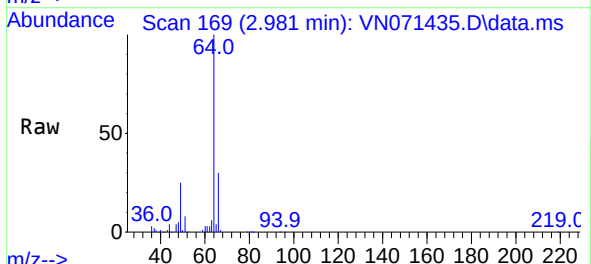
Tgt Ion: 94 Resp: 154045
Ion Ratio Lower Upper
94 100
96 91.3 73.8 110.8

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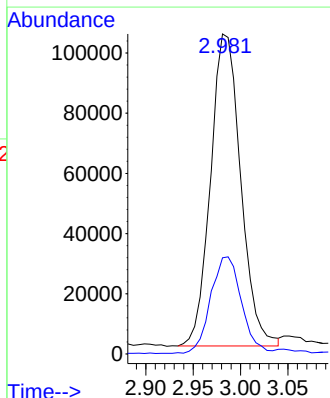
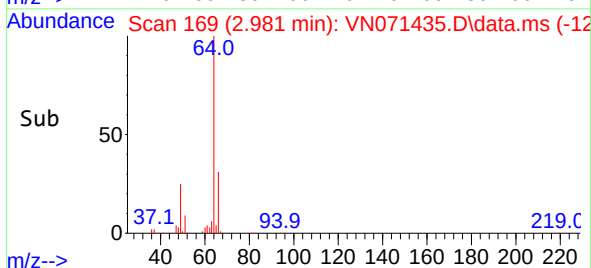
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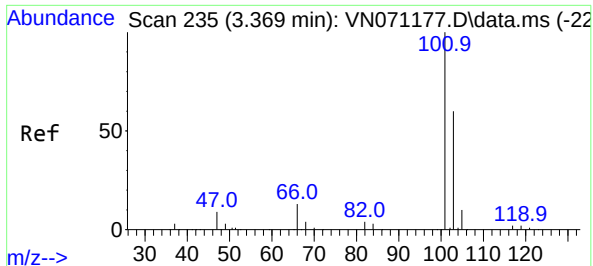


#6
Chloroethane
Concen: 45.302 ug/l
RT: 2.981 min Scan# 169
Delta R.T. -0.023 min
Lab File: VN071435.D
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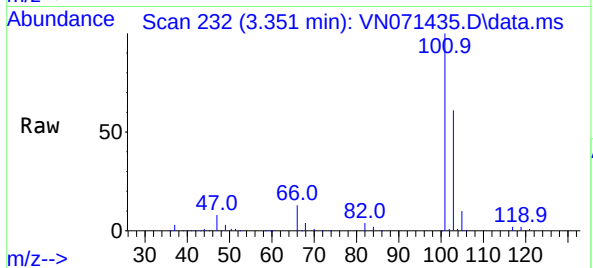
Tgt Ion: 64 Resp: 230189
Ion Ratio Lower Upper
64 100
66 30.4 26.3 39.5





#7
Trichlorofluoromethane
Concen: 45.946 ug/l
RT: 3.351 min Scan# 21
Delta R.T. -0.018 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

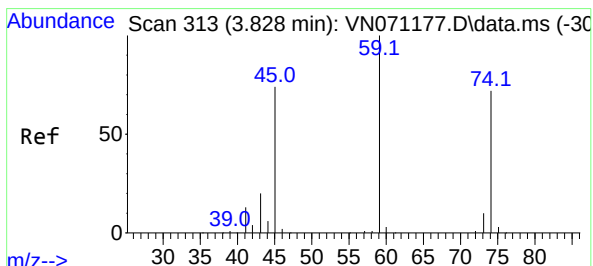
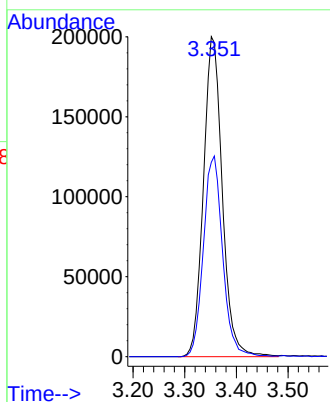
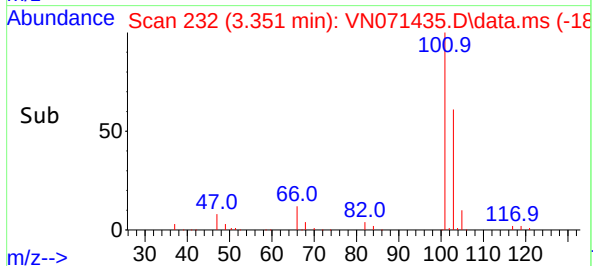
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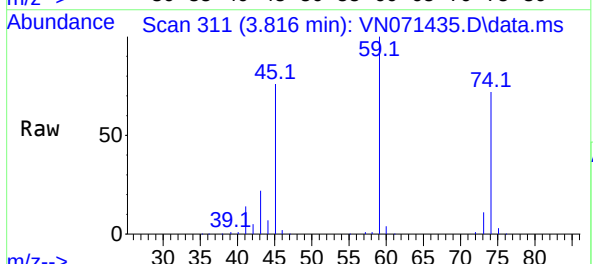
Tgt Ion:101 Resp: 507410
Ion Ratio Lower Upper
101 100
103 60.8 50.1 75.1

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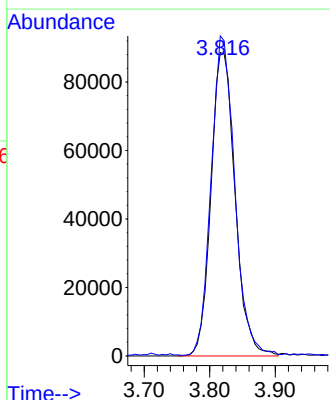
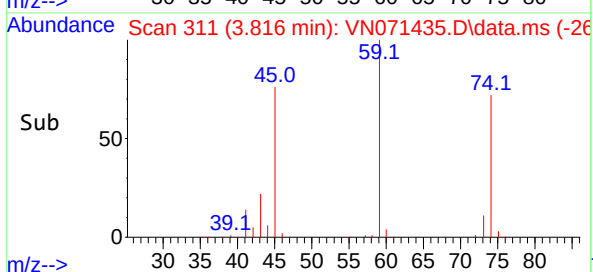
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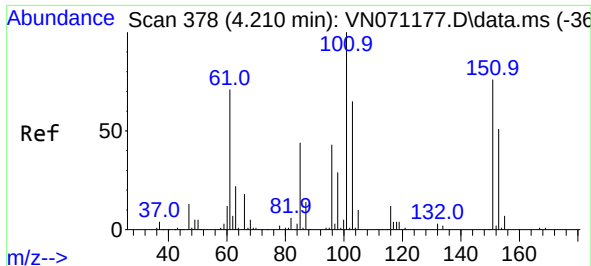


#8
Diethyl Ether
Concen: 47.762 ug/l
RT: 3.816 min Scan# 311
Delta R.T. -0.012 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06



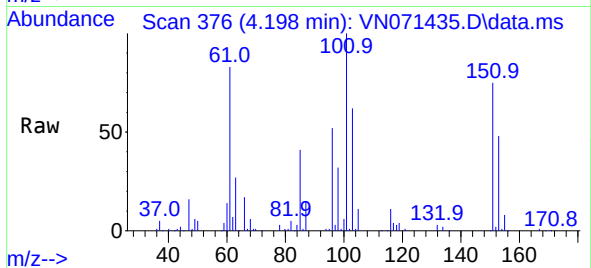
Tgt Ion: 74 Resp: 225712
Ion Ratio Lower Upper
74 100
45 103.0 47.0 141.2





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.353 ug/l
RT: 4.198 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

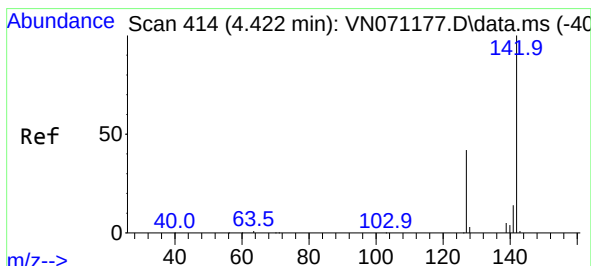
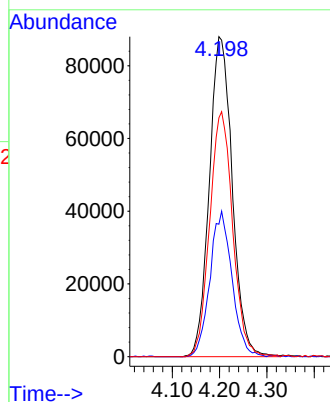
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:101 Resp: 29634
Ion Ratio Lower Upper
101 100
85 43.7 37.2 55.8
151 76.7 65.9 98.9

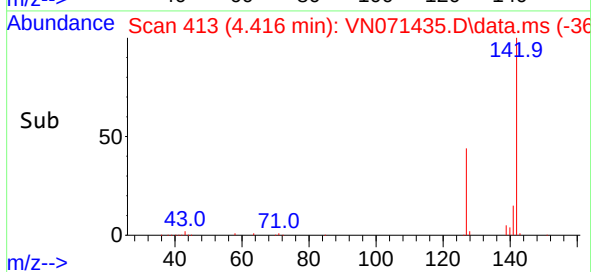
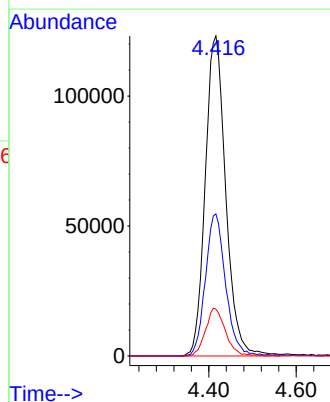
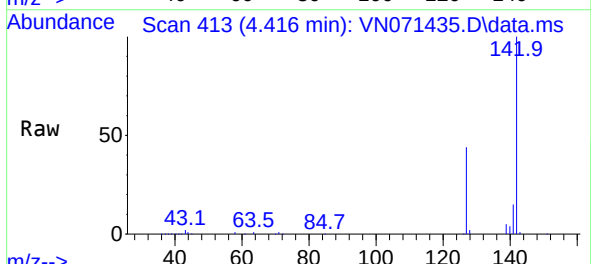
Manual Integrations
APPROVED

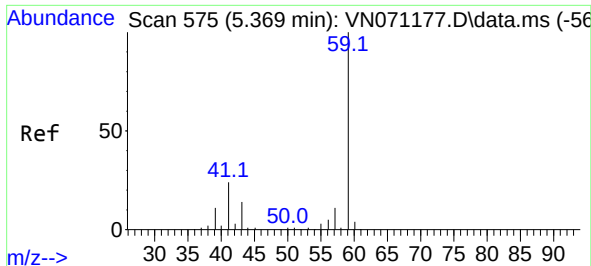
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#10
Methyl Iodide
Concen: 44.476 ug/l
RT: 4.416 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

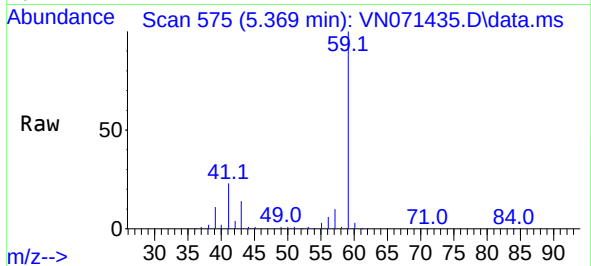
Tgt Ion:142 Resp: 401600
Ion Ratio Lower Upper
142 100
127 43.8 35.4 53.0
141 14.4 11.6 17.4





#11
Tert butyl alcohol
Concen: 295.847 ug/l
RT: 5.369 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

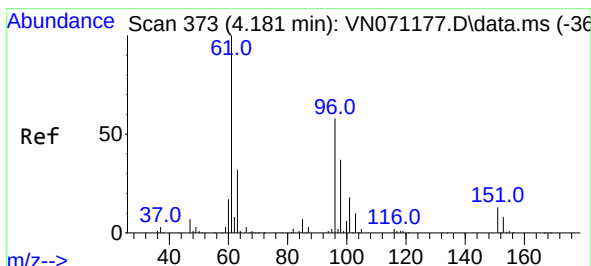
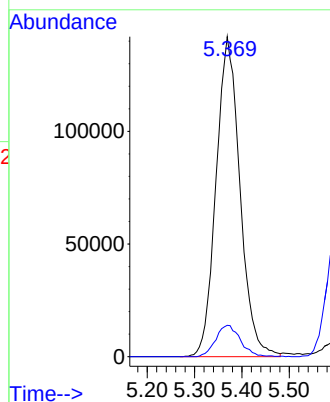
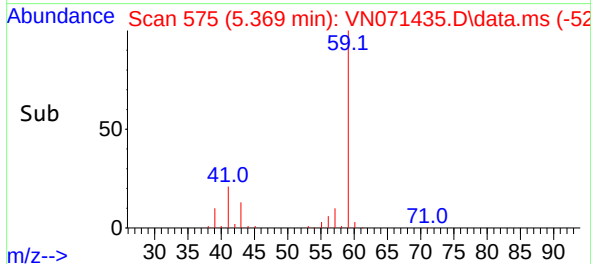
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



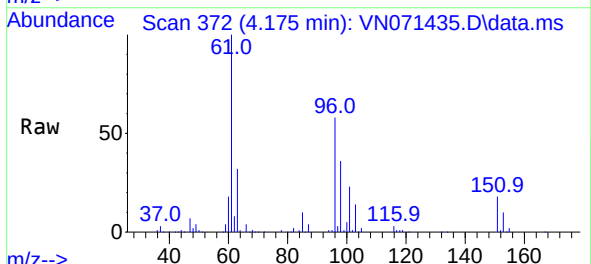
Tgt Ion: 59 Resp: 497589
Ion Ratio Lower Upper
59 100
57 10.2 8.7 13.1

Manual Integrations
APPROVED

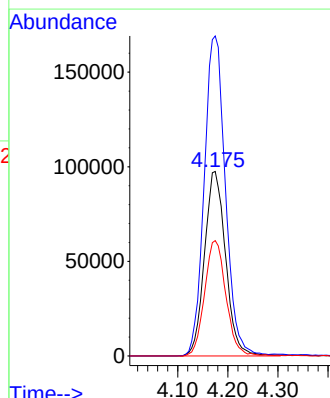
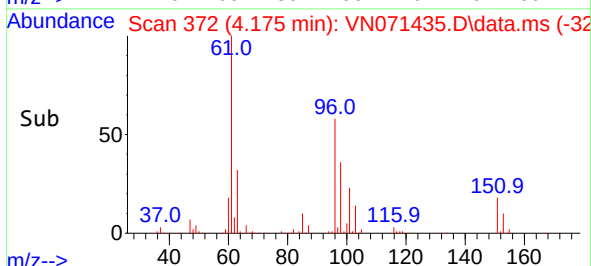
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

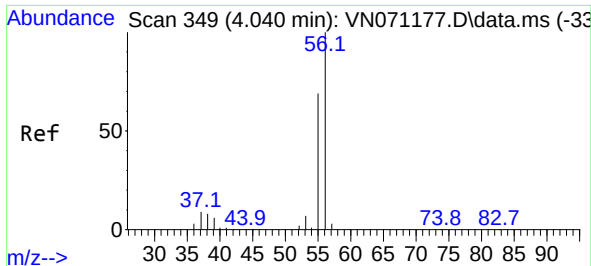


#12
1,1-Dichloroethene
Concen: 45.633 ug/l
RT: 4.175 min Scan# 372
Delta R.T. -0.006 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06



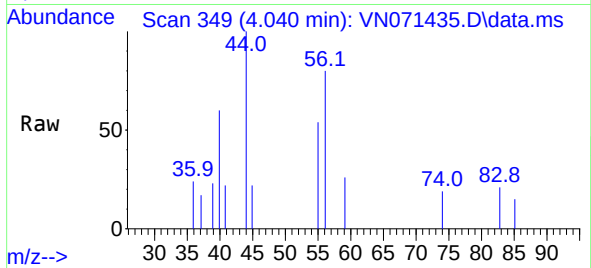
Tgt Ion: 96 Resp: 285791
Ion Ratio Lower Upper
96 100
61 173.3 131.0 196.6
98 62.5 52.4 78.6





#13
Acrolein
Concen: 1.034 ug/l m
RT: 4.040 min Scan# 349
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

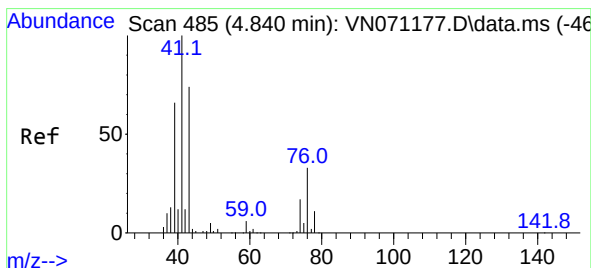
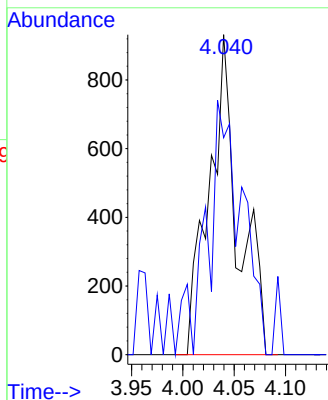
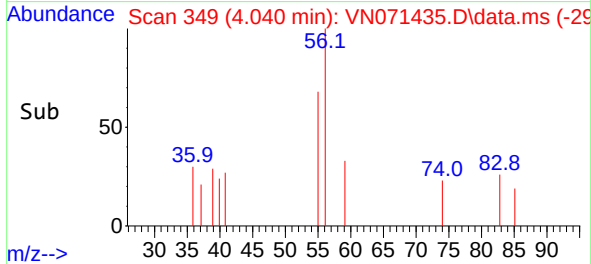
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



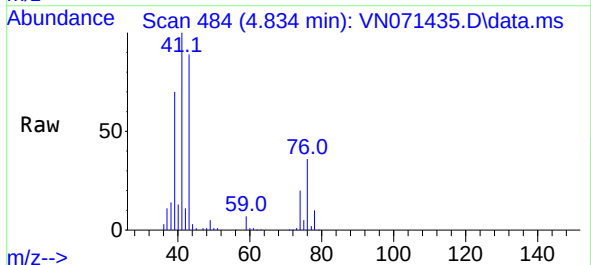
Tgt Ion: 56 Resp: 1840
Ion Ratio Lower Upper
56 100
55 99.8 56.6 85.0

Manual Integrations
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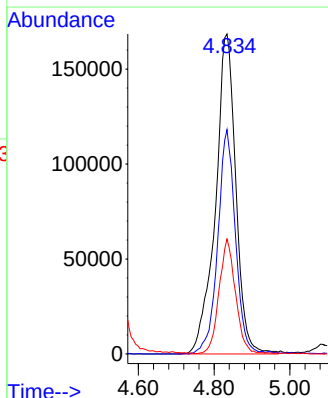
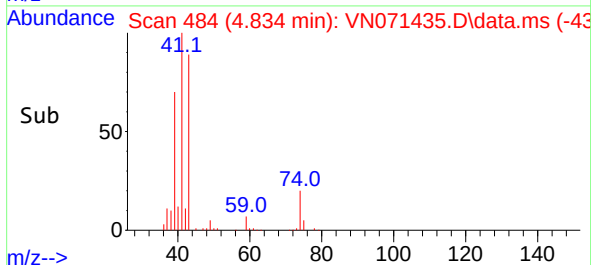
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

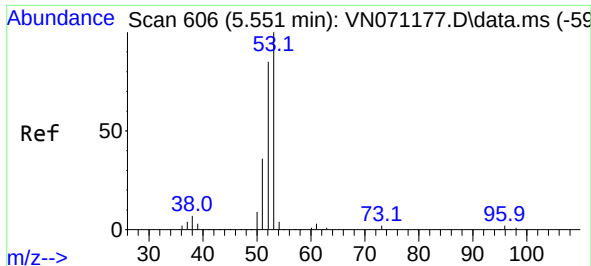


#14
Allyl chloride
Concen: 46.339 ug/l
RT: 4.834 min Scan# 484
Delta R.T. -0.006 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06



Tgt Ion: 41 Resp: 631198
Ion Ratio Lower Upper
41 100
39 60.8 61.2 91.8#
76 28.7 26.0 39.0





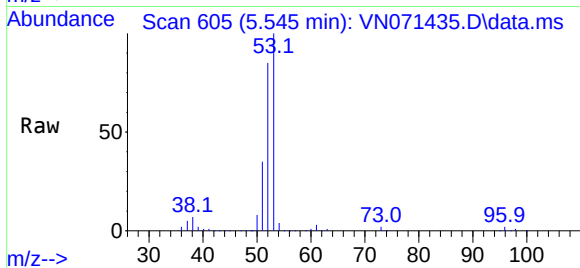
#15
Acrylonitrile
Concen: 258.559 ug/l
RT: 5.545 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



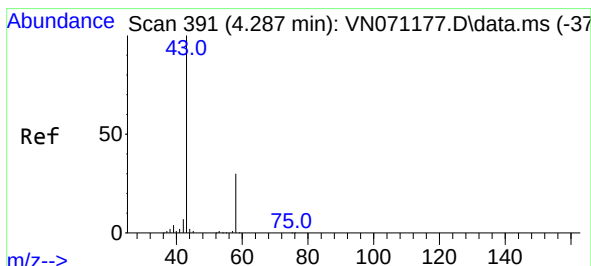
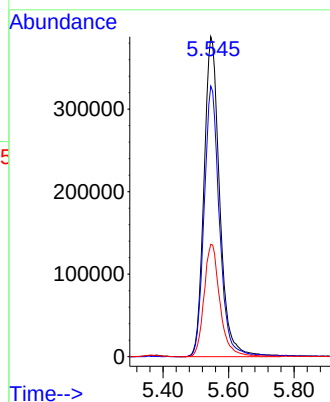
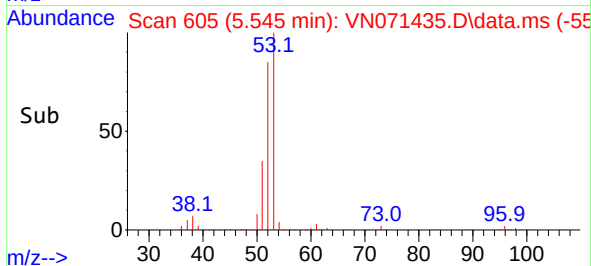
Tgt Ion: 53 Resp: 129127
Ion Ratio Lower Upper
53 100
52 82.8 66.2 99.2
51 35.6 29.6 44.4

Manual Integrations

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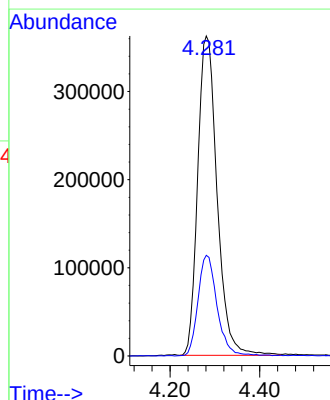
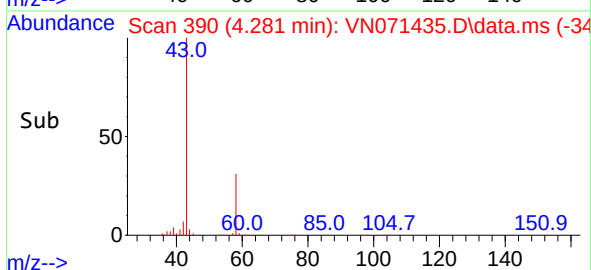
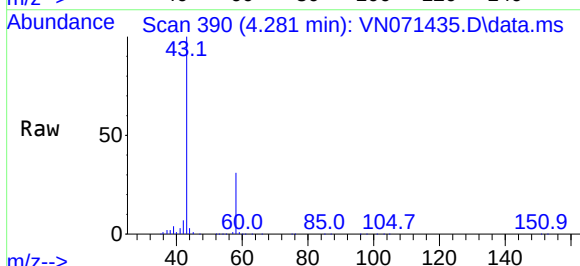
Reviewed By :John Carlone 03/22/2022

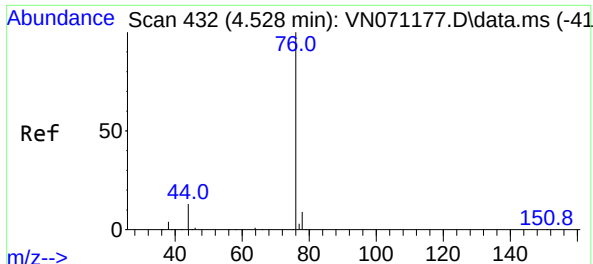
Supervised By :Mahesh Dadoda 03/22/2022



#16
Acetone
Concen: 260.688 ug/l
RT: 4.281 min Scan# 390
Delta R.T. -0.006 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

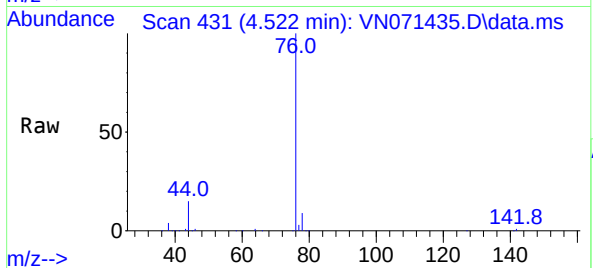
Tgt Ion: 43 Resp: 1085987
Ion Ratio Lower Upper
43 100
58 31.4 23.1 34.7





#17
Carbon Disulfide
Concen: 38.647 ug/l
RT: 4.522 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

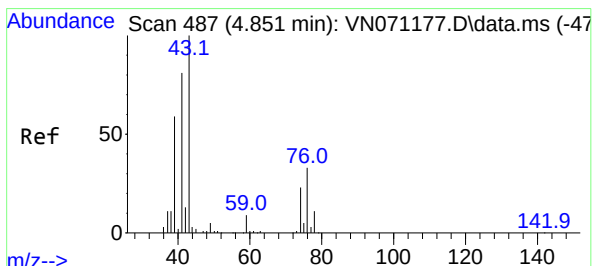
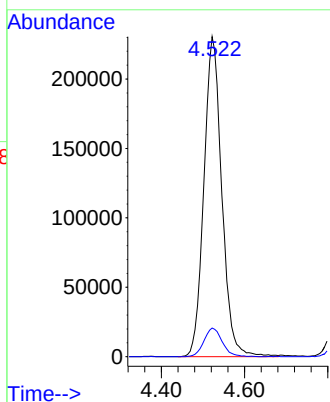
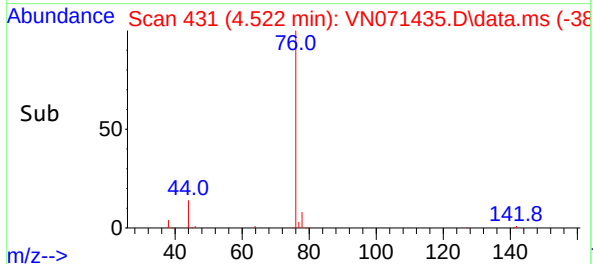
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



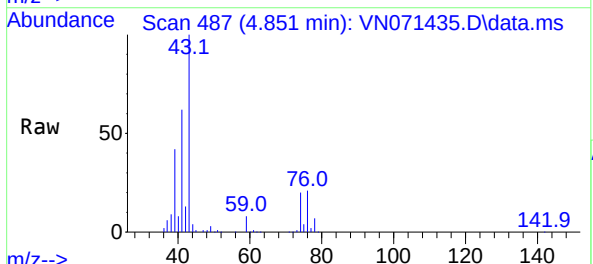
Tgt Ion: 76 Resp: 689064
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3

Manual Integrations
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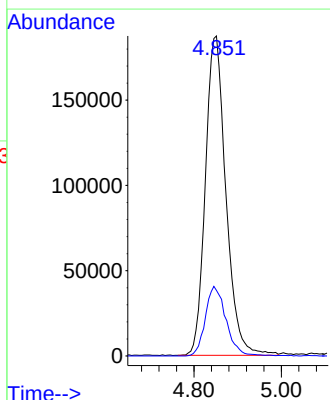
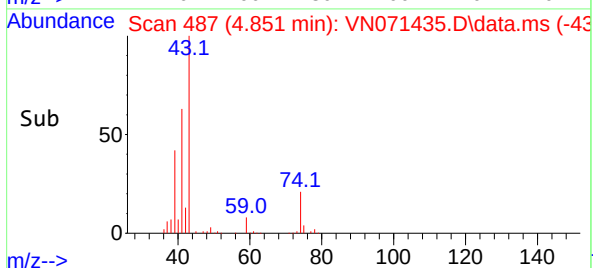
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

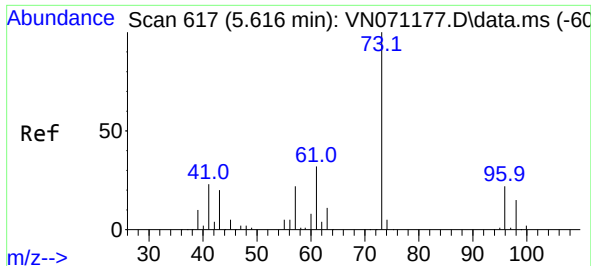


#18
Methyl Acetate
Concen: 54.579 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06



Tgt Ion: 43 Resp: 611116
Ion Ratio Lower Upper
43 100
74 21.9 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 51.013 ug/l
RT: 5.610 min Scan# 617
Delta R.T. -0.006 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

Instrument :

MSVOA_N

ClientSampleId :

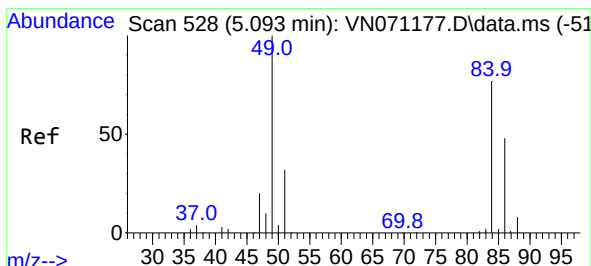
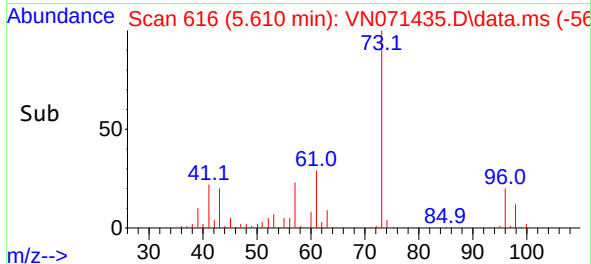
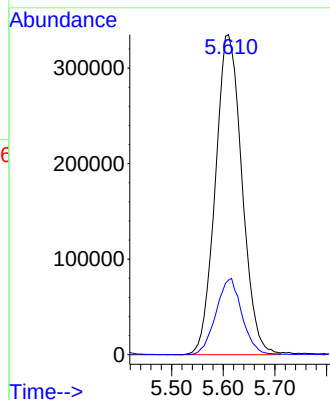
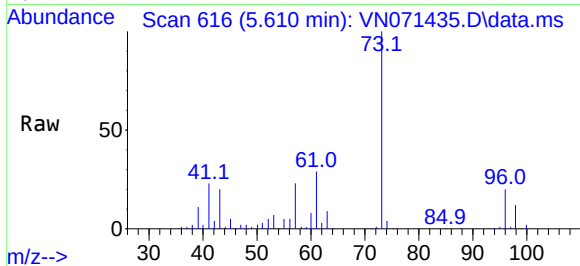
VSTDCCC050EC

Tgt Ion: 73 Resp: 1199500
Ion Ratio Lower Upper
73 100
57 23.3 16.8 25.2

Manual Integrations

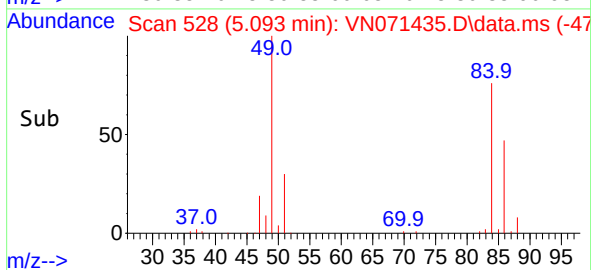
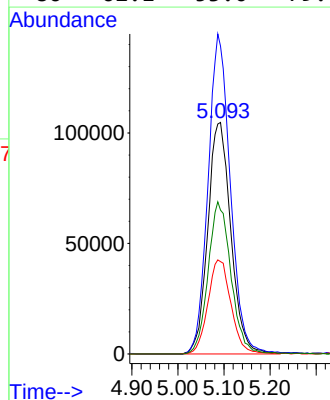
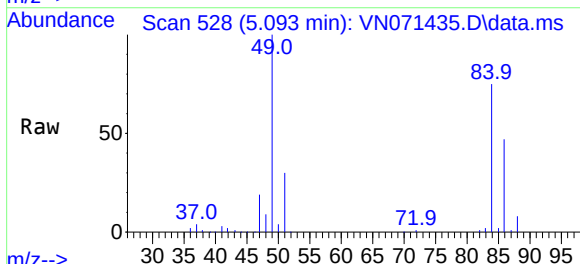
APPROVED

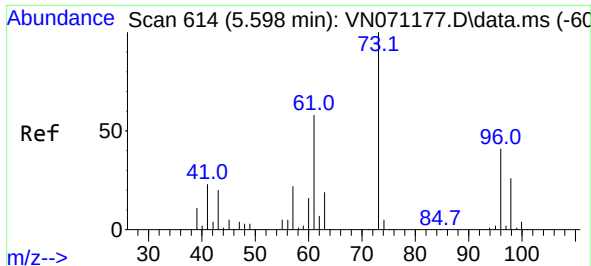
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#20
Methylene Chloride
Concen: 47.970 ug/l
RT: 5.093 min Scan# 528
Delta R.T. -0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

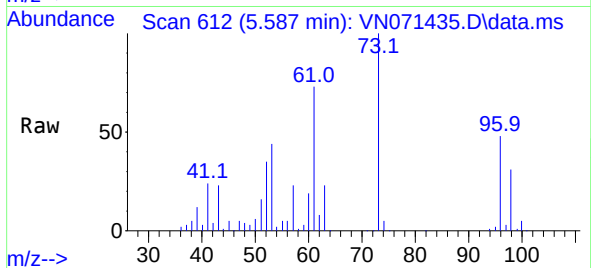
Tgt Ion: 84 Resp: 365113
Ion Ratio Lower Upper
84 100
49 133.0 93.5 140.3
51 39.9 29.4 44.2
86 62.1 53.0 79.4





#21
trans-1,2-Dichloroethene
Concen: 44.914 ug/l
RT: 5.587 min Scan# 614
Delta R.T. -0.012 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

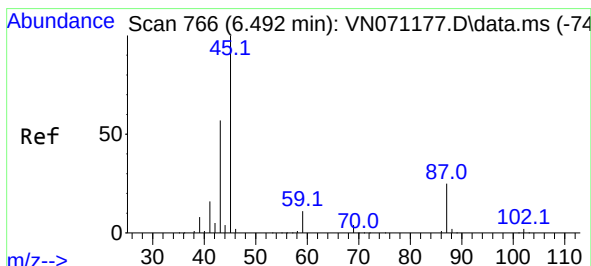
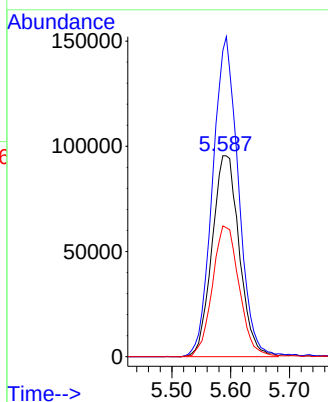
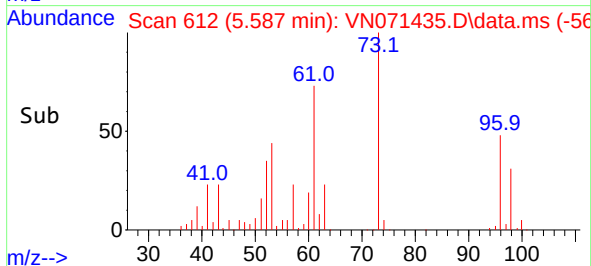
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



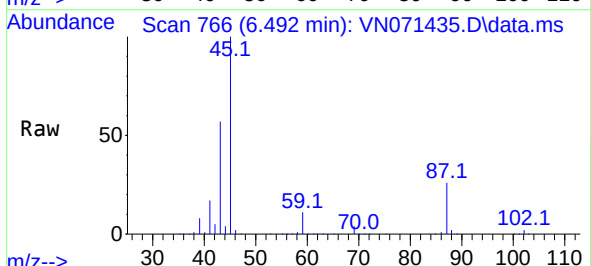
Tgt Ion: 96 Resp: 30767
Ion Ratio Lower Upper
96 100
61 152.4 105.8 158.6
98 65.0 52.0 78.0

Manual Integrations
APPROVED

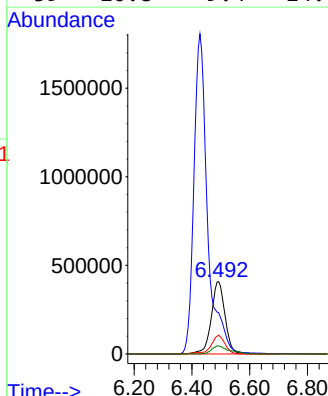
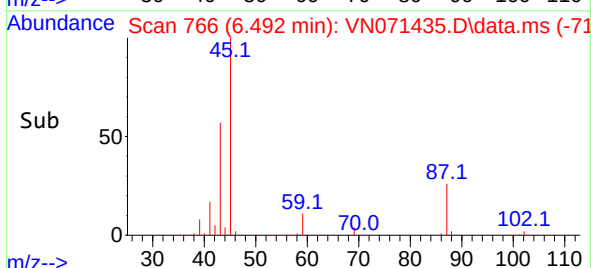
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

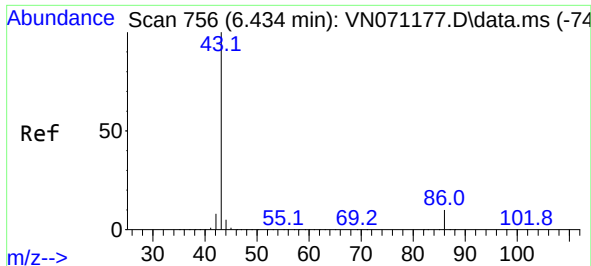


#22
Diisopropyl ether
Concen: 50.217 ug/l
RT: 6.492 min Scan# 766
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06



Tgt Ion: 45 Resp: 1347604
Ion Ratio Lower Upper
45 100
43 56.9 51.7 77.5
87 25.8 23.2 34.8
59 10.8 9.4 14.0





#23
 Vinyl Acetate
 Concen: 259.098 ug/l
 RT: 6.428 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VN071435.D
 Acq: 21 Mar 2022 22:06

Instrument :

MSVOA_N

ClientSampleId :

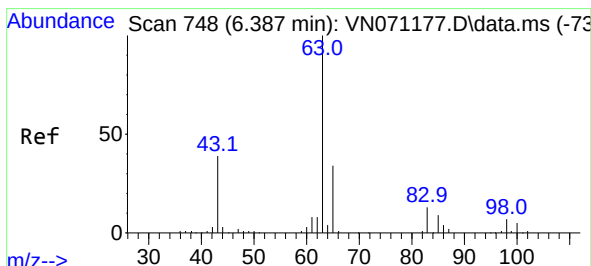
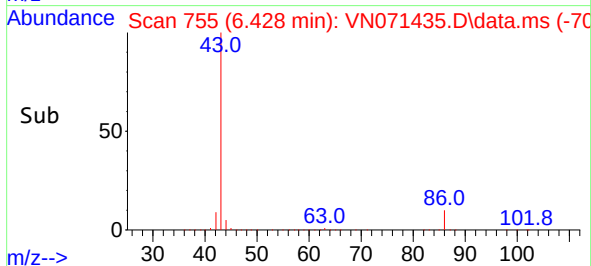
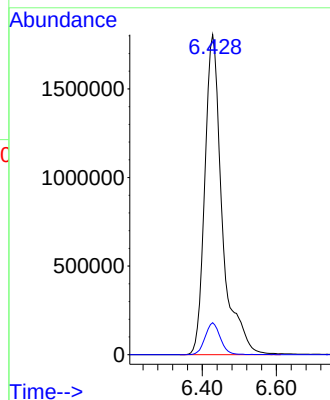
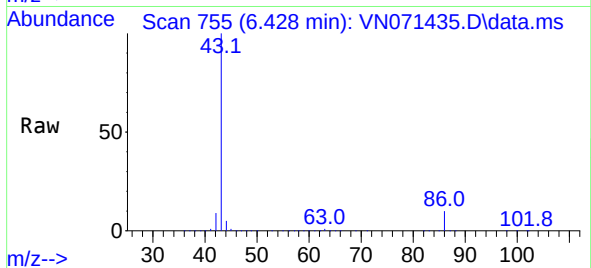
VSTDCCC050EC

Tgt Ion: 43 Resp: 588630
 Ion Ratio Lower Upper
 43 100
 86 10.0 8.5 12.7

Manual Integrations

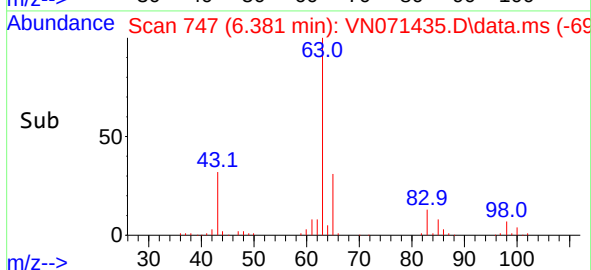
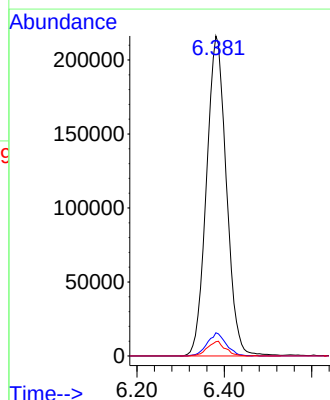
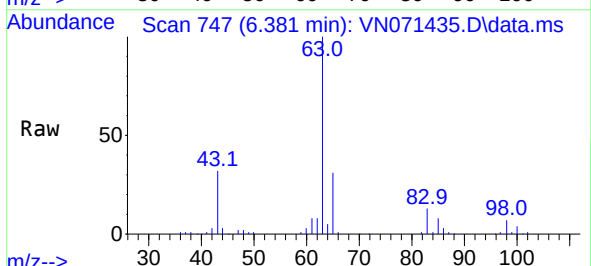
APPROVED

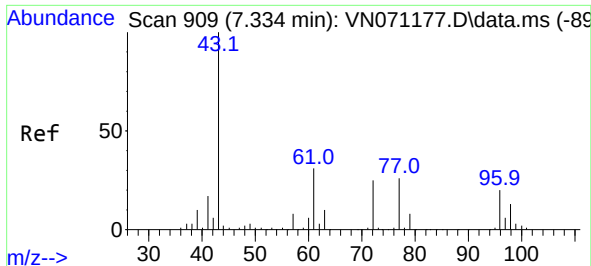
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022



#24
 1,1-Dichloroethane
 Concen: 48.278 ug/l
 RT: 6.381 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: VN071435.D
 Acq: 21 Mar 2022 22:06

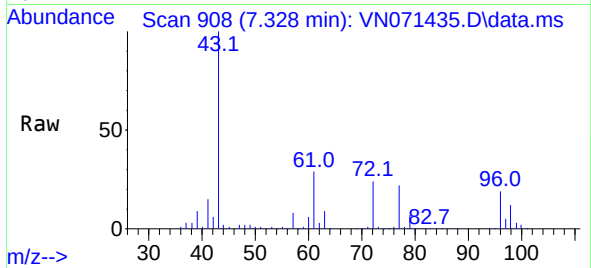
Tgt Ion: 63 Resp: 684596
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.3 9.9
 100 4.4 2.1 6.5





#25
2-Butanone
Concen: 274.028 ug/l
RT: 7.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

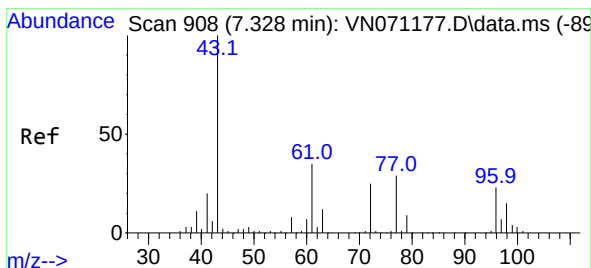
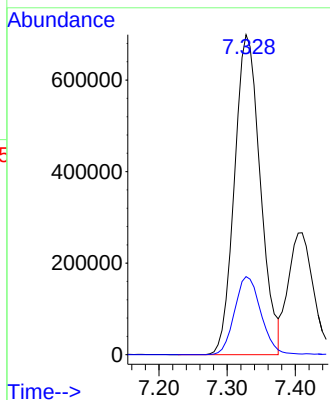
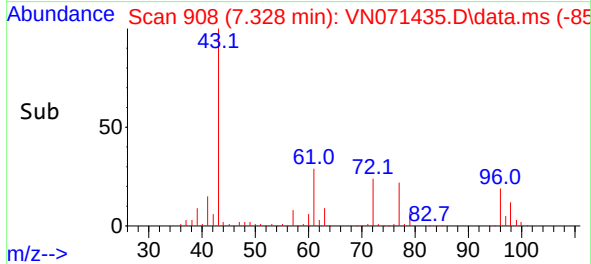
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



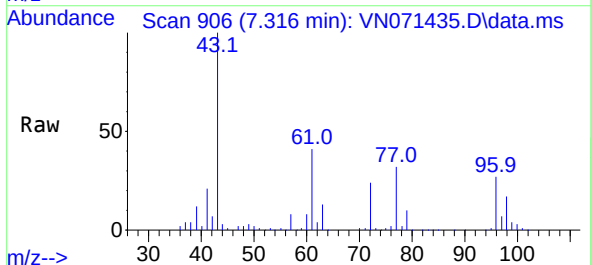
Tgt Ion: 43 Resp: 183891
Ion Ratio Lower Upper
43 100
72 24.4 21.7 32.5

Manual Integrations
APPROVED

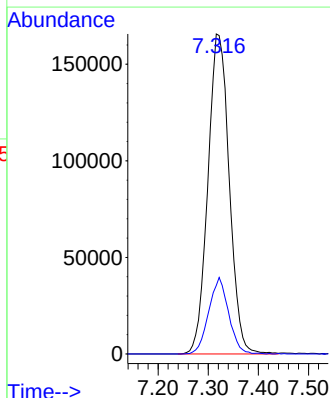
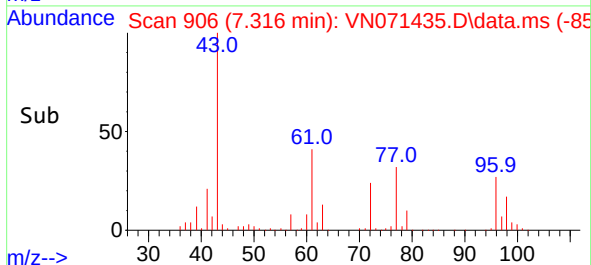
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

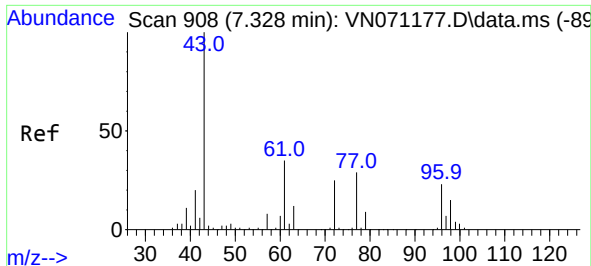


#26
2,2-Dichloropropane
Concen: 44.853 ug/l
RT: 7.316 min Scan# 906
Delta R.T. -0.012 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06



Tgt Ion: 77 Resp: 490685
Ion Ratio Lower Upper
77 100
97 22.2 11.6 34.8





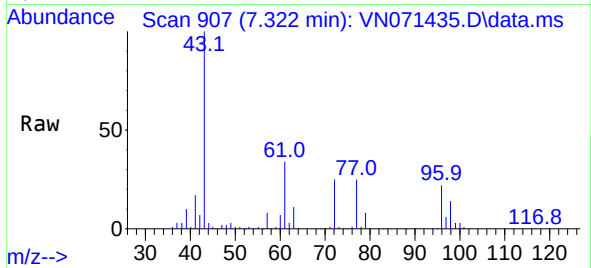
#27
 cis-1,2-Dichloroethene
 Concen: 47.887 ug/l
 RT: 7.322 min Scan# 908
 Delta R.T. -0.006 min
 Lab File: VN071435.D
 Acq: 21 Mar 2022 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

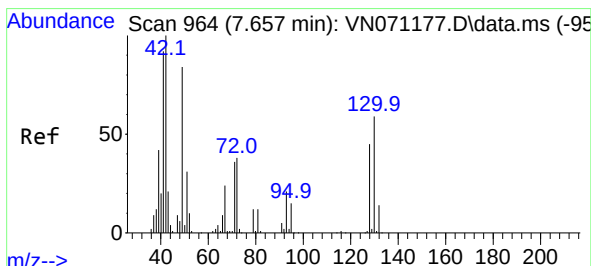
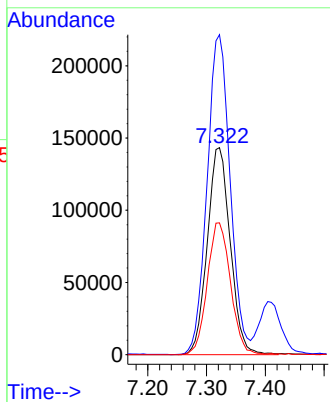
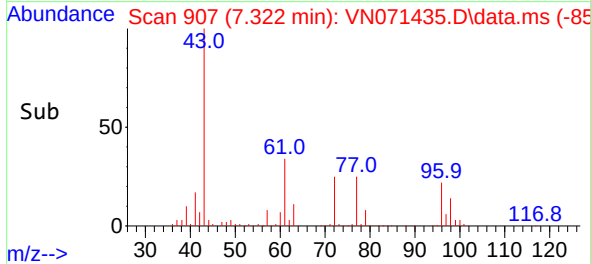


Tgt Ion: 96 Resp: 389332
 Ion Ratio Lower Upper
 96 100
 61 155.0 0.0 275.0
 98 64.4 0.0 129.6

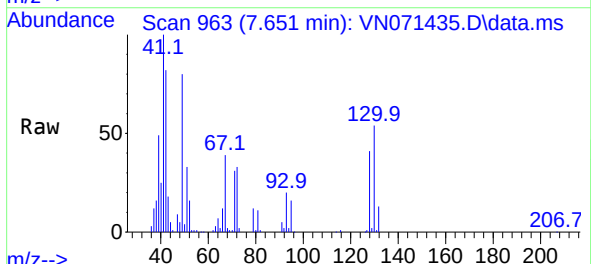
Manual Integrations

APPROVED

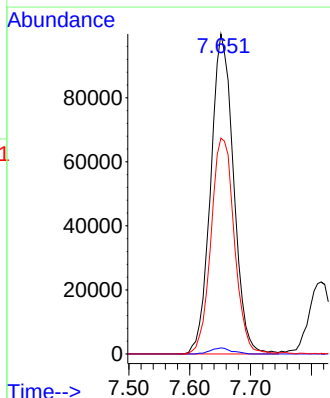
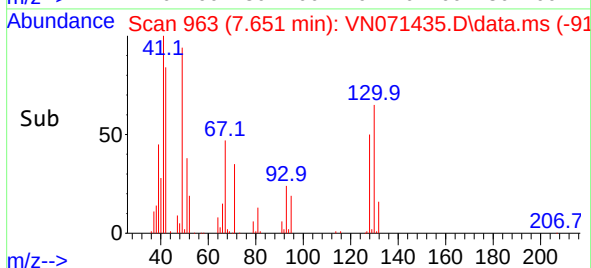
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022

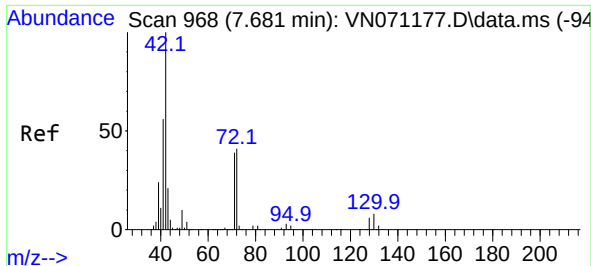


#28
 Bromochloromethane
 Concen: 41.303 ug/l
 RT: 7.651 min Scan# 963
 Delta R.T. -0.006 min
 Lab File: VN071435.D
 Acq: 21 Mar 2022 22:06



Tgt Ion: 49 Resp: 260815
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.0
 130 68.6 67.8 101.8





#29

Tetrahydrofuran

Concen: 263.224 ug/l

RT: 7.681 min Scan# 90

Delta R.T. 0.000 min

Lab File: VN071435.D

Acq: 21 Mar 2022 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 122373

Ion Ratio Lower Upper

42 100

72 40.2 36.3 54.5

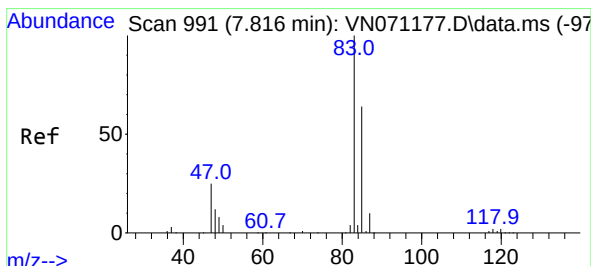
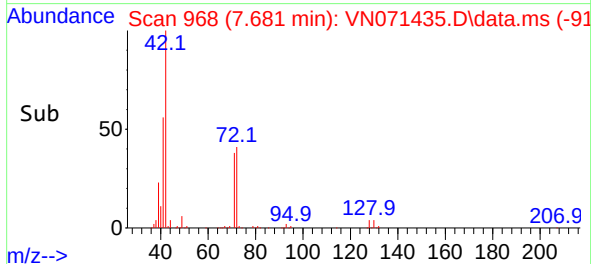
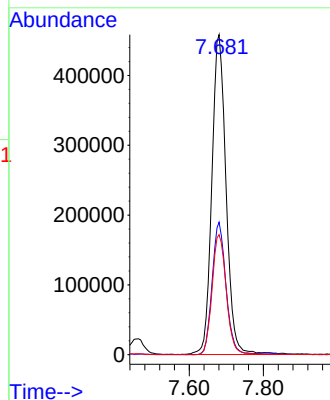
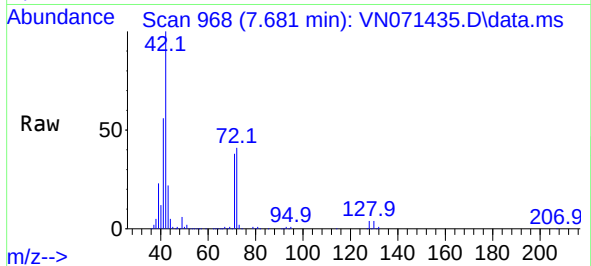
71 37.3 34.7 52.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#30

Chloroform

Concen: 48.337 ug/l

RT: 7.816 min Scan# 991

Delta R.T. 0.000 min

Lab File: VN071435.D

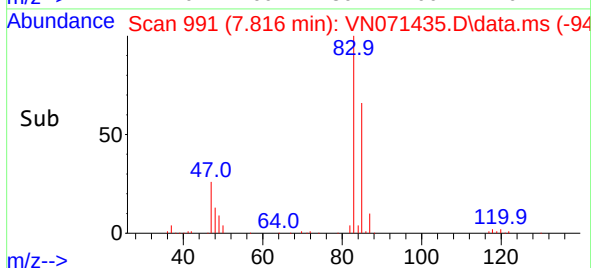
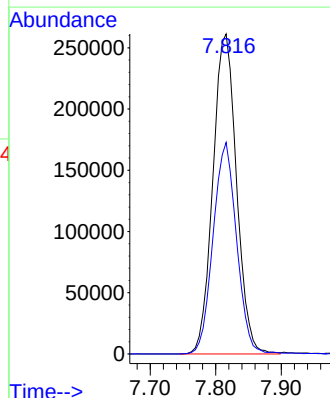
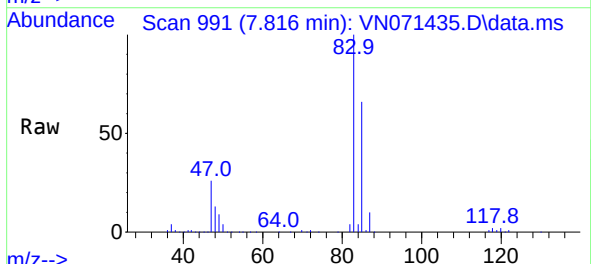
Acq: 21 Mar 2022 22:06

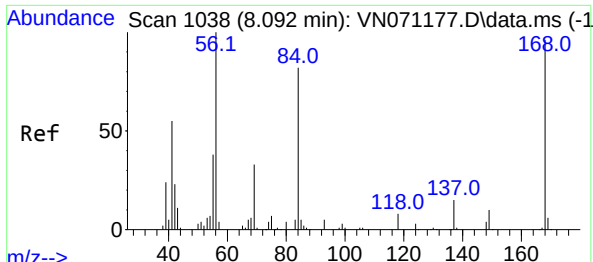
Tgt Ion: 83 Resp: 653737

Ion Ratio Lower Upper

83 100

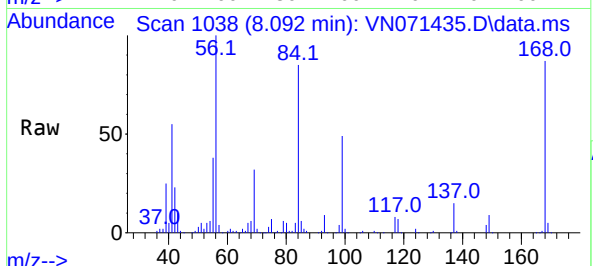
85 66.1 51.9 77.9





#31
Cyclohexane
Concen: 43.893 ug/l
RT: 8.092 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

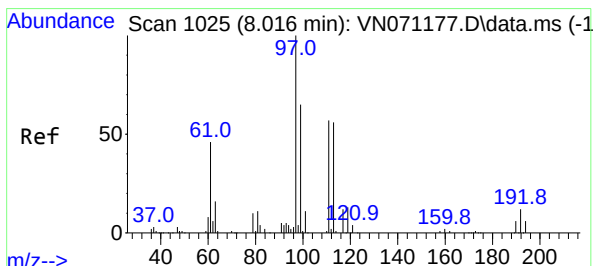
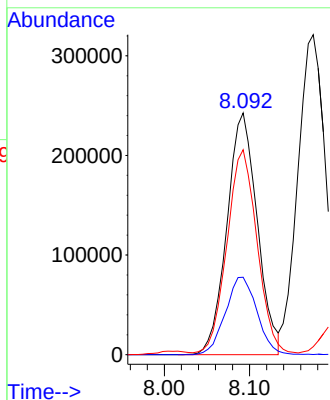
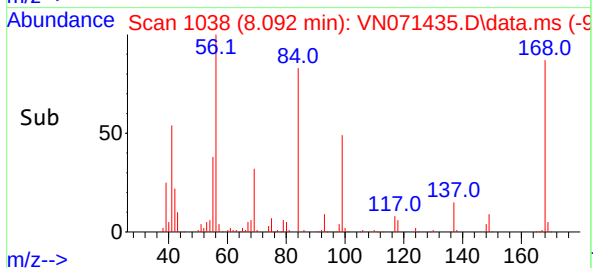
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



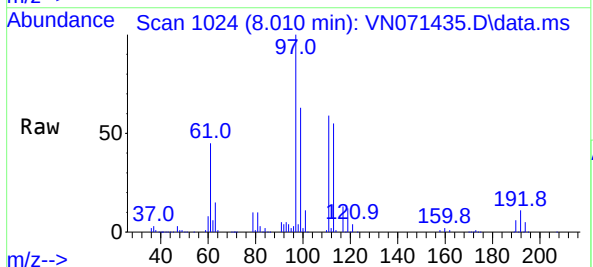
Tgt Ion: 56 Resp: 60012
Ion Ratio Lower Upper
56 100
69 32.1 27.1 40.7
84 83.3 73.4 110.0

Manual Integrations
APPROVED

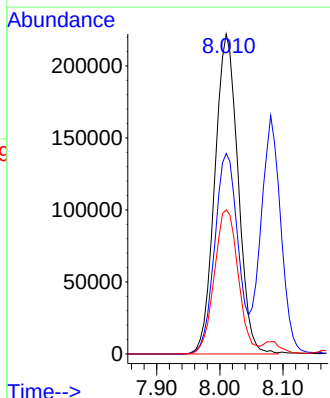
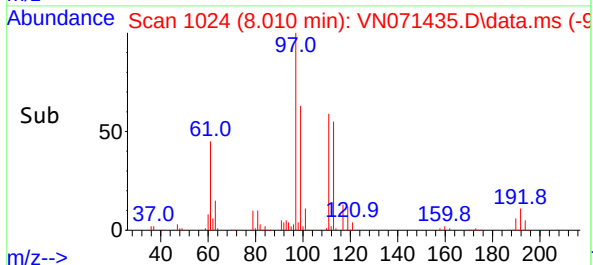
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

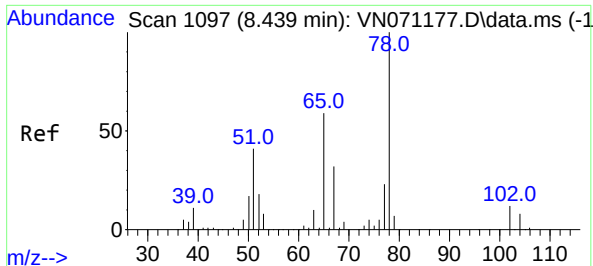


#32
1,1,1-Trichloroethane
Concen: 49.268 ug/l
RT: 8.010 min Scan# 1024
Delta R.T. -0.006 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06



Tgt Ion: 97 Resp: 567592
Ion Ratio Lower Upper
97 100
99 62.8 50.1 75.1
61 46.6 35.2 52.8





#33
1,2-Dichloroethane-d4
Concen: 51.774 ug/l
RT: 8.433 min Scan# 1097
Delta R.T. -0.006 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

Instrument :

MSVOA_N

ClientSampleId :

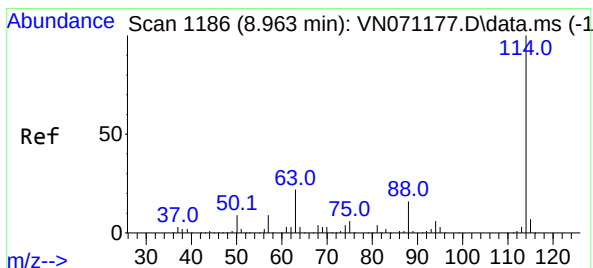
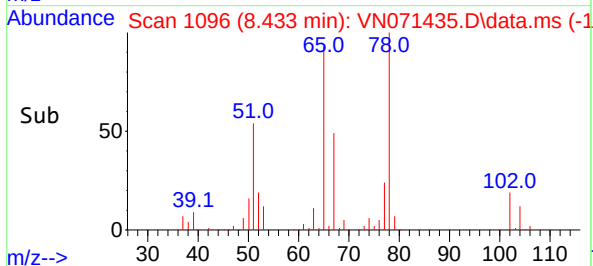
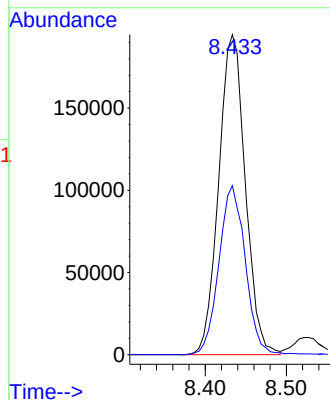
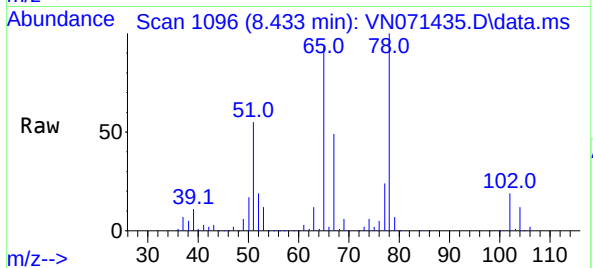
VSTDCCC050EC

Tgt Ion: 65 Resp: 443270
Ion Ratio Lower Upper
65 100
67 52.7 0.0 103.0

Manual Integrations

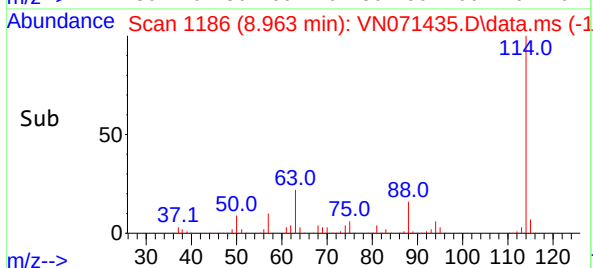
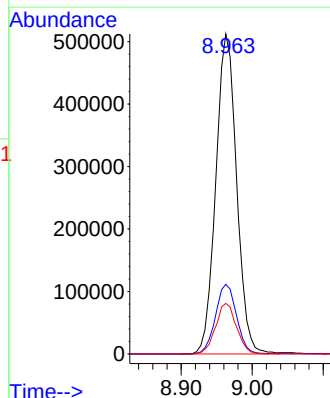
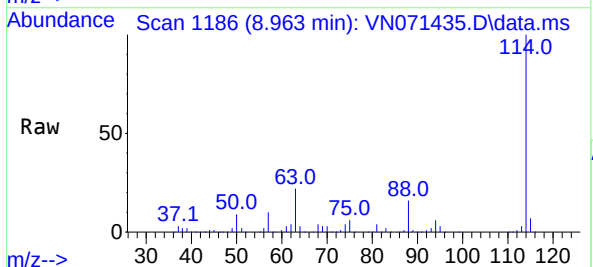
APPROVED

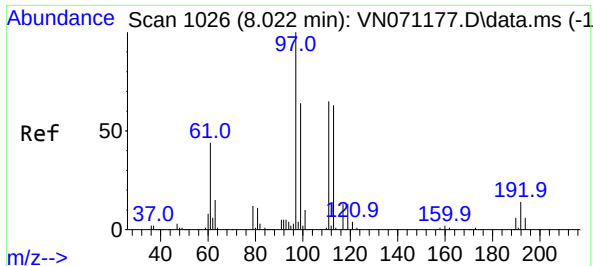
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

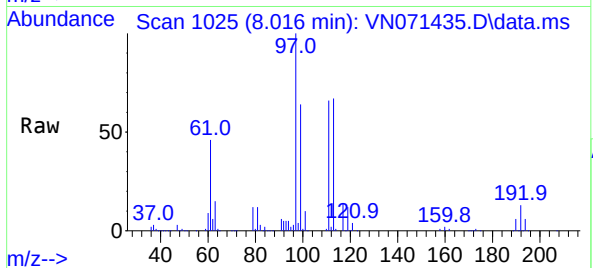
Tgt Ion:114 Resp: 1039960
Ion Ratio Lower Upper
114 100
63 21.8 0.0 37.8
88 15.8 0.0 27.4





#35
Dibromofluoromethane
Concen: 50.795 ug/l
RT: 8.016 min Scan# 1026
Delta R.T. -0.006 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

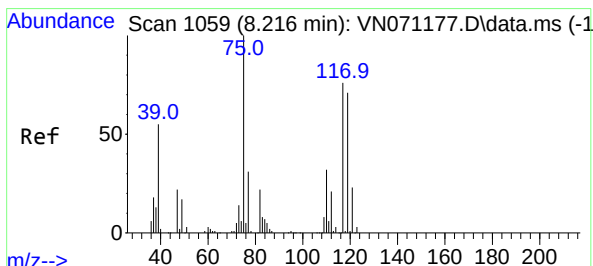
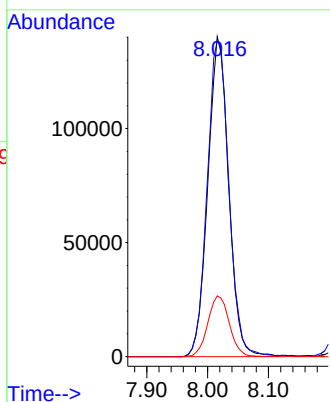
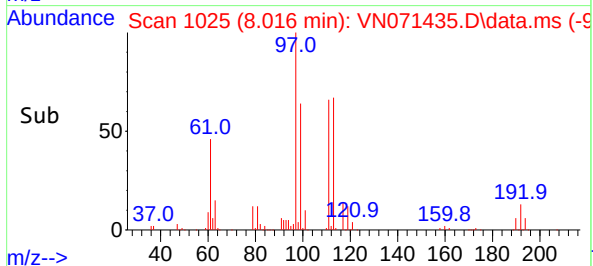
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 33334
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 19.6 16.9 25.3

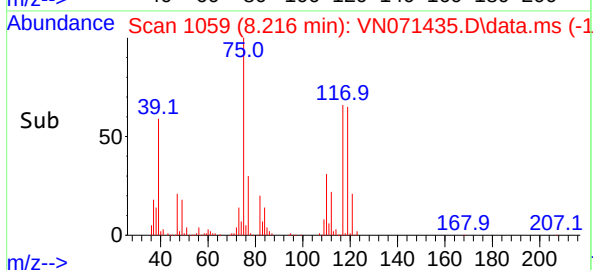
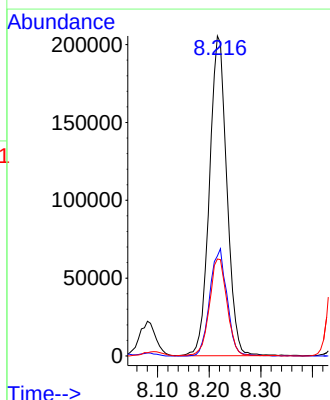
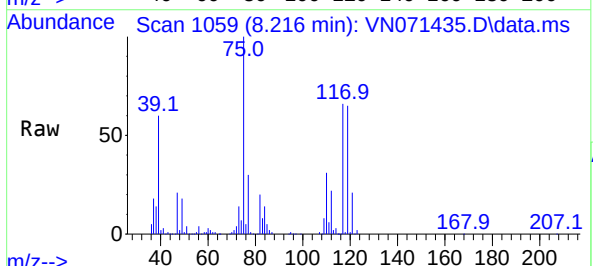
Manual Integrations
APPROVED

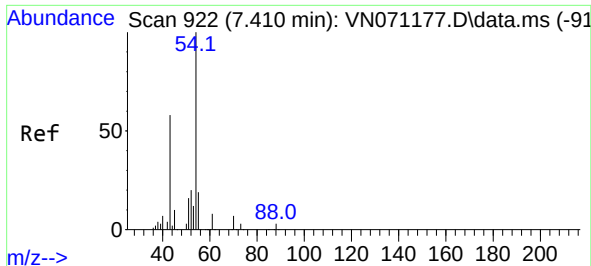
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#36
1,1-Dichloropropene
Concen: 45.757 ug/l
RT: 8.216 min Scan# 1059
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

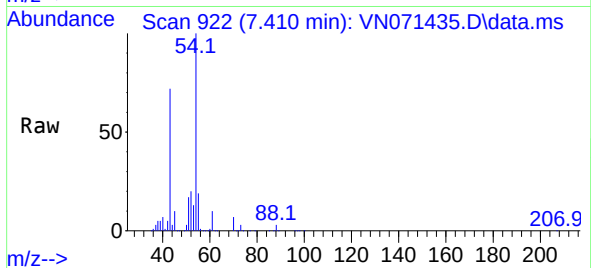
Tgt Ion: 75 Resp: 481119
Ion Ratio Lower Upper
75 100
110 33.0 18.4 55.2
77 30.8 24.4 36.6





#37
Ethyl Acetate
Concen: 48.986 ug/l
RT: 7.410 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

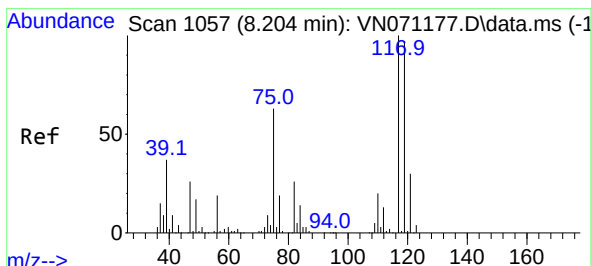
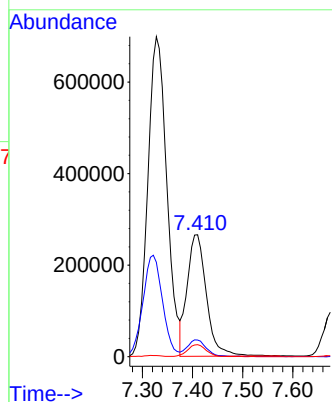
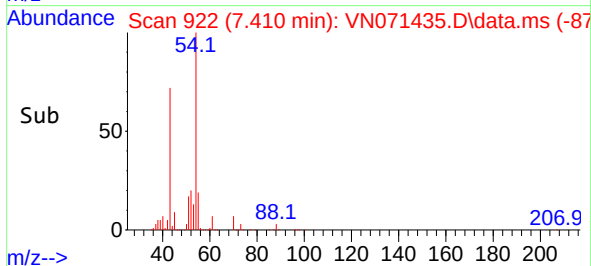
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 708850
Ion Ratio Lower Upper
43 100
61 13.2 11.5 17.3
70 9.3 7.9 11.9

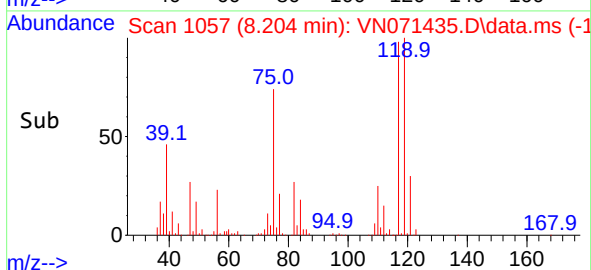
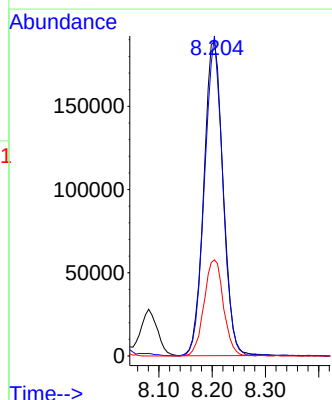
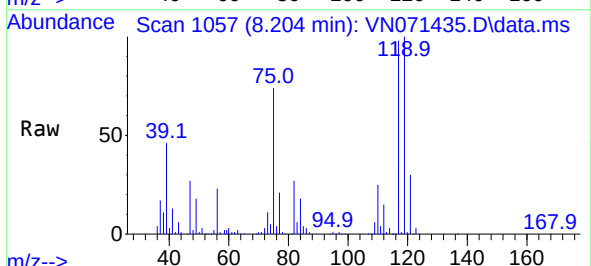
Manual Integrations
APPROVED

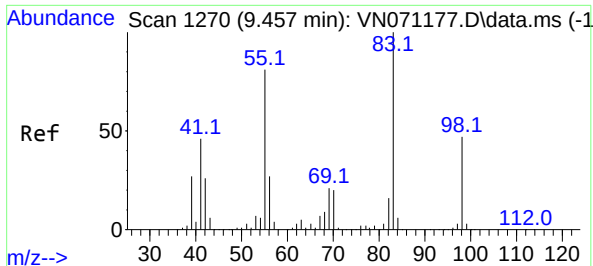
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#38
Carbon Tetrachloride
Concen: 46.648 ug/l
RT: 8.204 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

Tgt Ion:117 Resp: 474421
Ion Ratio Lower Upper
117 100
119 101.8 76.1 114.1
121 30.6 24.2 36.2





#39

Methylcyclohexane

Concen: 45.818 ug/l

RT: 9.457 min Scan# 1100

Delta R.T. -0.000 min

Lab File: VN071435.D

Acq: 21 Mar 2022 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 83 Resp: 566740

Ion Ratio Lower Upper

83 100

55 81.0 58.1 87.1

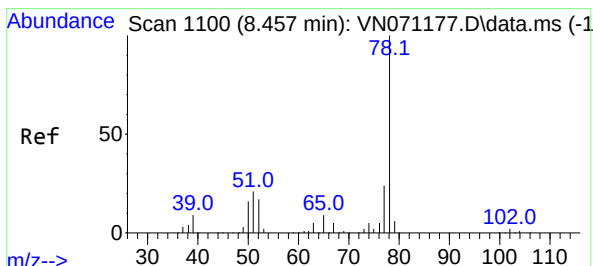
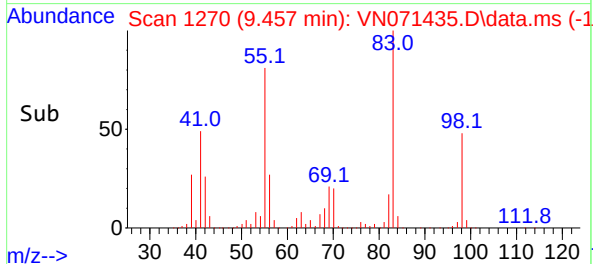
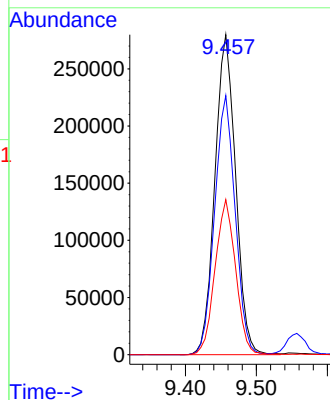
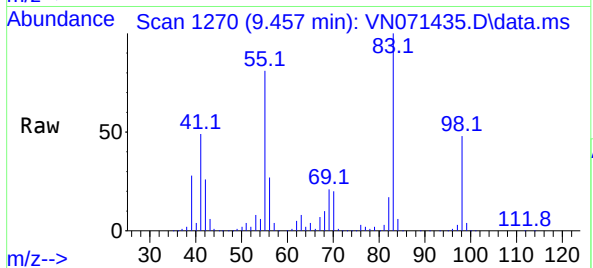
98 48.5 38.4 57.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#40

Benzene

Concen: 46.710 ug/l

RT: 8.457 min Scan# 1100

Delta R.T. 0.000 min

Lab File: VN071435.D

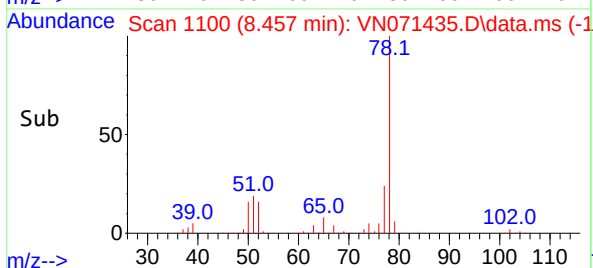
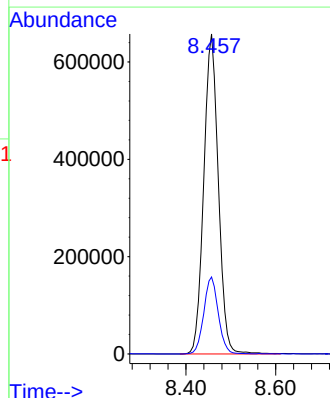
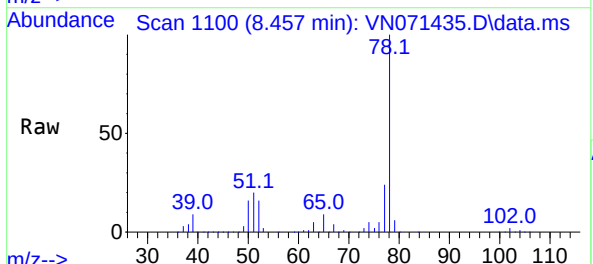
Acq: 21 Mar 2022 22:06

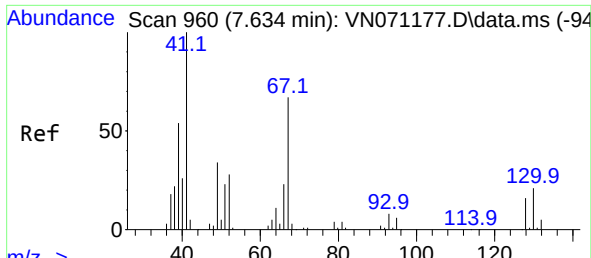
Tgt Ion: 78 Resp: 1479762

Ion Ratio Lower Upper

78 100

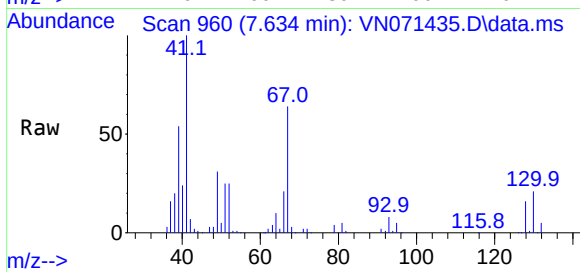
77 24.0 18.6 27.8





#41
Methacrylonitrile
Concen: 54.540 ug/l
RT: 7.634 min Scan# 90
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

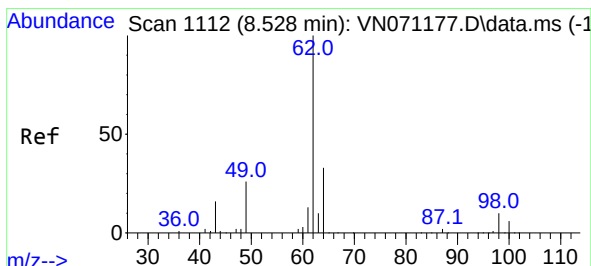
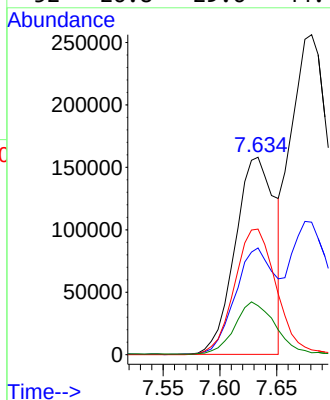
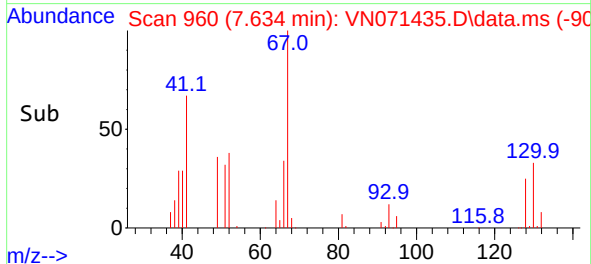
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 41 Resp: 386230
Ion Ratio Lower Upper
41 100
39 53.3 48.1 72.1
67 67.6 68.3 102.5
52 26.8 29.6 44.4#

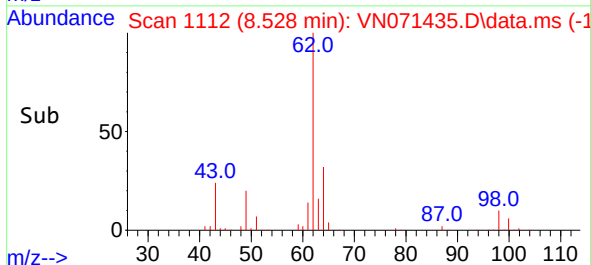
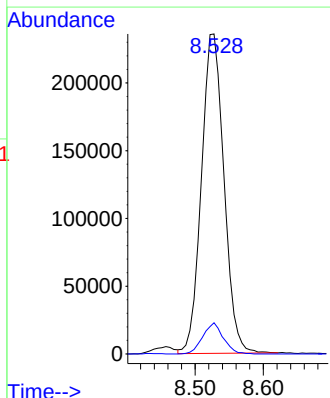
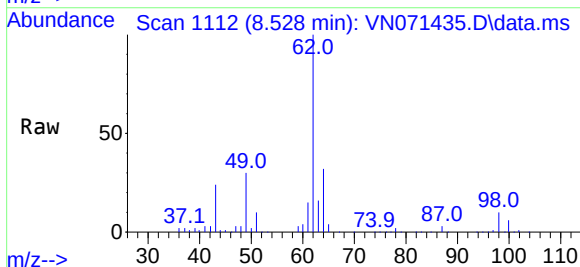
Manual Integrations
APPROVED

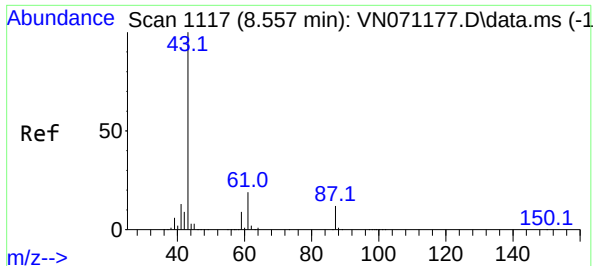
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#42
1,2-Dichloroethane
Concen: 49.246 ug/l
RT: 8.528 min Scan# 1112
Delta R.T. -0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

Tgt Ion: 62 Resp: 542893
Ion Ratio Lower Upper
62 100
98 8.9 0.0 17.6





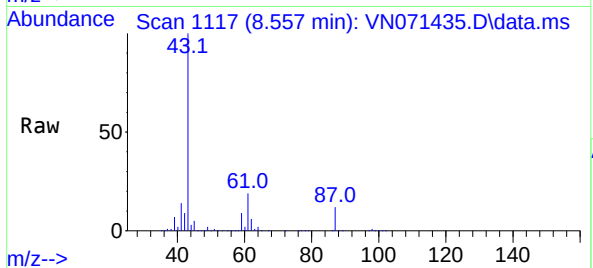
#43
Isopropyl Acetate
Concen: 51.043 ug/l
RT: 8.557 min Scan# 1117
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



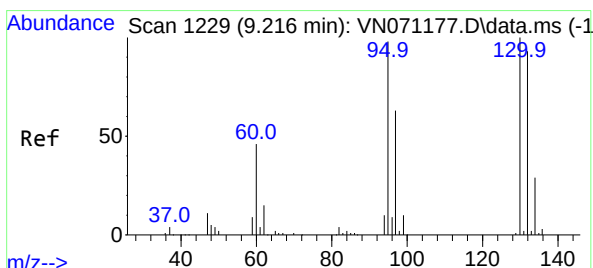
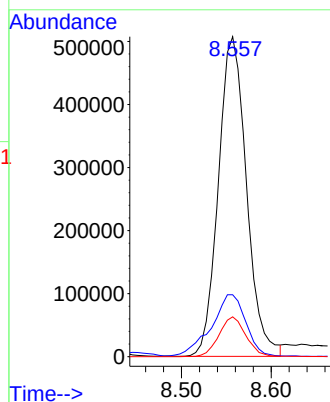
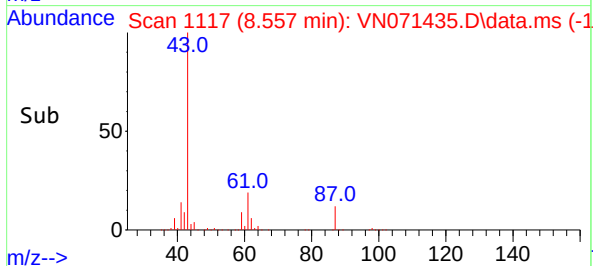
Tgt Ion: 43 Resp: 1104554
Ion Ratio Lower Upper
43 100
61 23.9 20.4 30.6
87 12.0 11.2 16.8

Manual Integrations

APPROVED

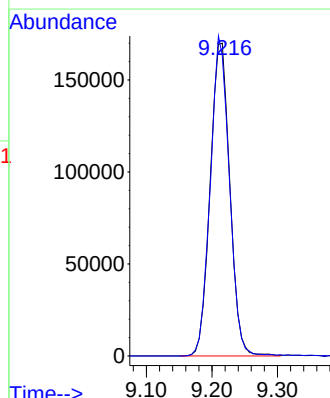
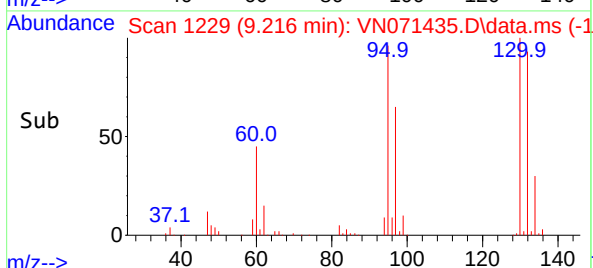
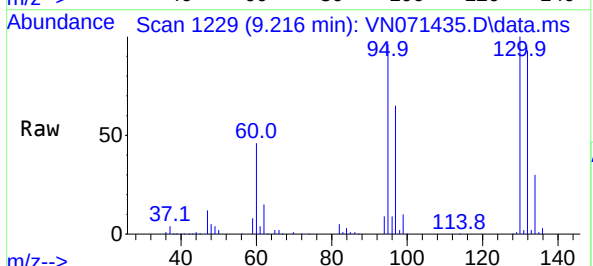
Reviewed By :John Carlone 03/22/2022

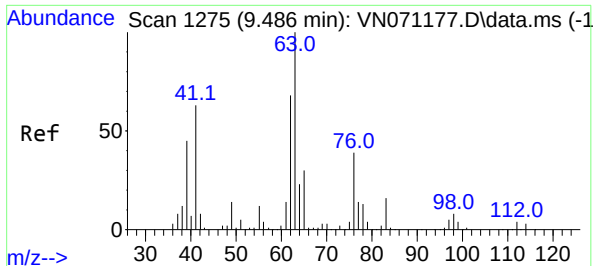
Supervised By :Mahesh Dadoda 03/22/2022



#44
Trichloroethene
Concen: 47.318 ug/l
RT: 9.216 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

Tgt Ion:130 Resp: 353689
Ion Ratio Lower Upper
130 100
95 96.0 0.0 191.2





#45

1,2-Dichloropropane

Concen: 48.196 ug/l

RT: 9.486 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN071435.D

Acq: 21 Mar 2022 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 40986

Ion Ratio Lower Upper

63 100

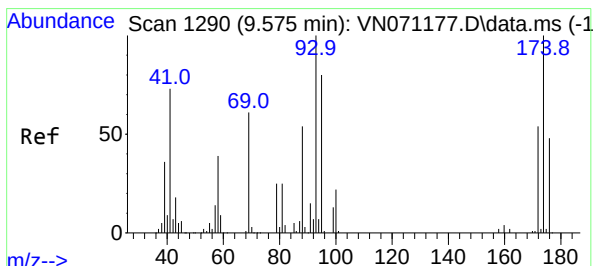
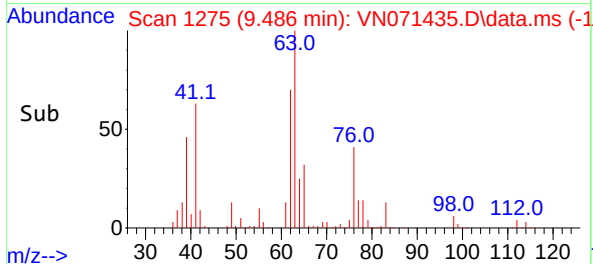
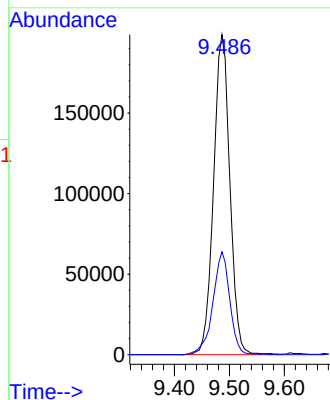
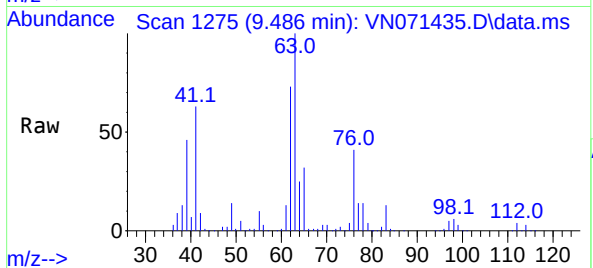
65 32.2 24.7 37.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/22/2022

Supervised By :Mahesh Dadoda 03/22/2022



#46

Dibromomethane

Concen: 48.137 ug/l

RT: 9.575 min Scan# 1290

Delta R.T. -0.000 min

Lab File: VN071435.D

Acq: 21 Mar 2022 22:06

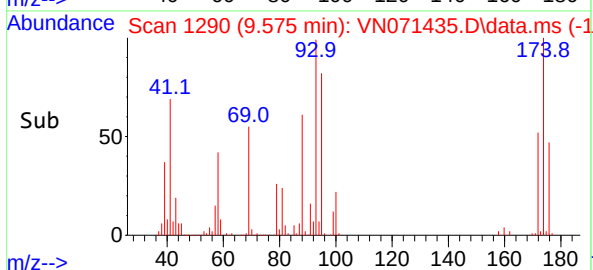
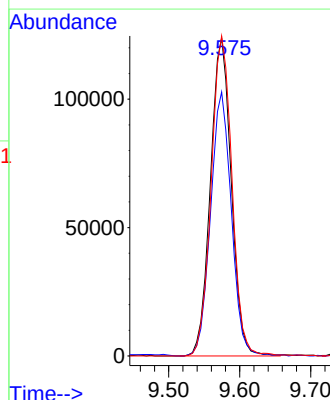
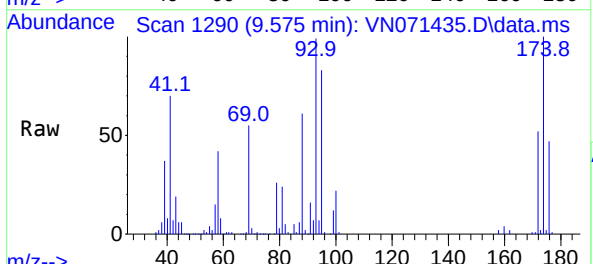
Tgt Ion: 93 Resp: 251960

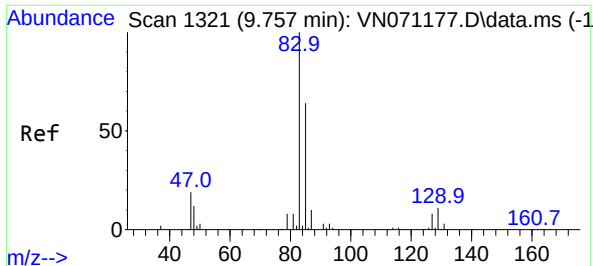
Ion Ratio Lower Upper

93 100

95 83.0 65.9 98.9

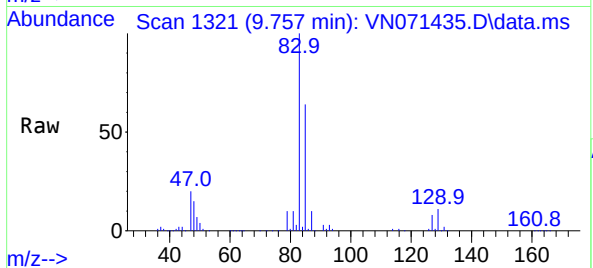
174 100.4 84.6 127.0





#47
Bromodichloromethane
Concen: 49.393 ug/l
RT: 9.757 min Scan# 1321
Delta R.T. -0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

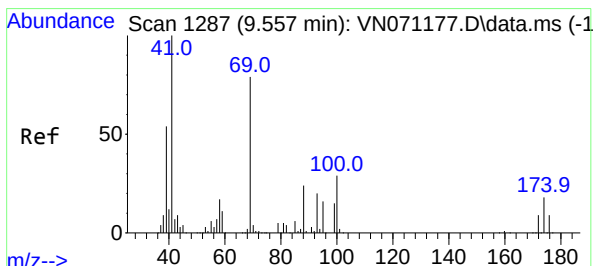
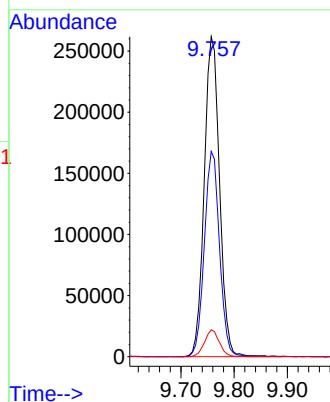
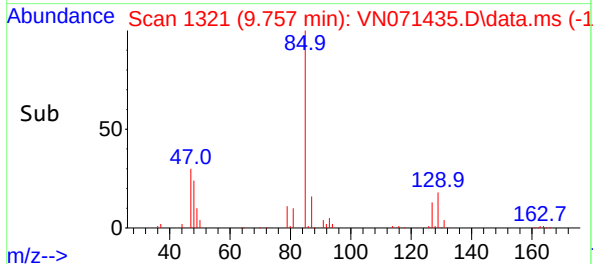
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



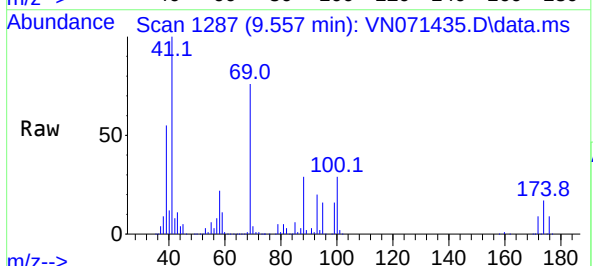
Tgt Ion: 83 Resp: 52247
Ion Ratio Lower Upper
83 100
85 64.2 50.9 76.3
127 8.4 7.1 10.7

Manual Integrations
APPROVED

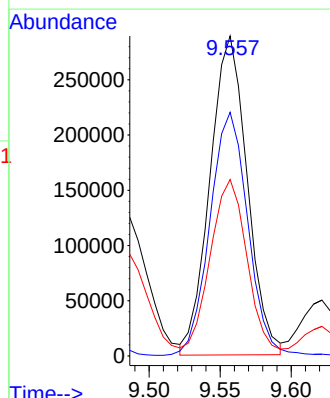
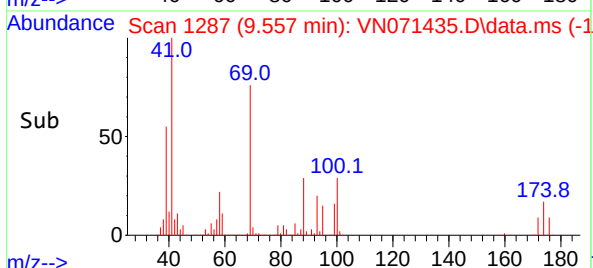
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

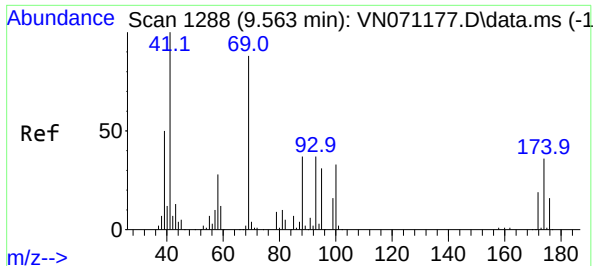


#48
Methyl methacrylate
Concen: 52.577 ug/l
RT: 9.557 min Scan# 1287
Delta R.T. -0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06



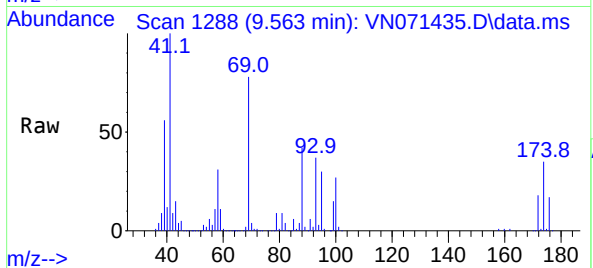
Tgt Ion: 41 Resp: 527250
Ion Ratio Lower Upper
41 100
69 78.8 72.4 108.6
39 55.1 58.4 87.6#





#49
1,4-Dioxane
Concen: 1199.004 ug/l
RT: 9.563 min Scan# 1288
Delta R.T. -0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

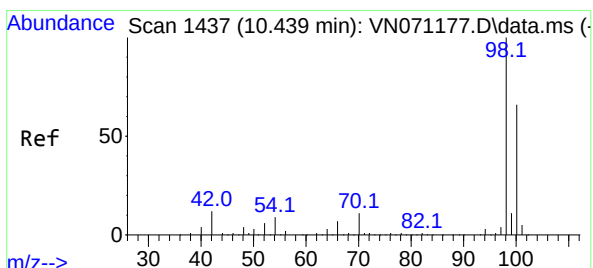
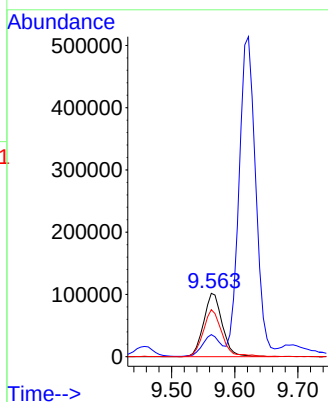
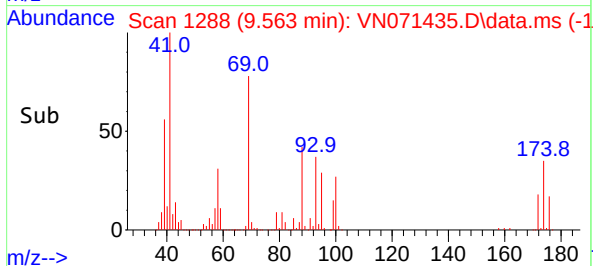
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 88 Resp: 209000
Ion Ratio Lower Upper
88 100
43 33.7 23.4 35.2
58 74.8 50.6 75.8

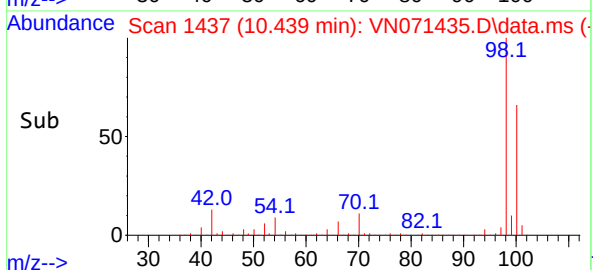
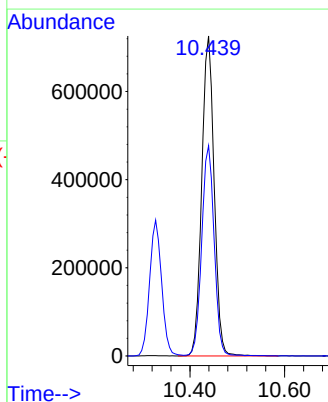
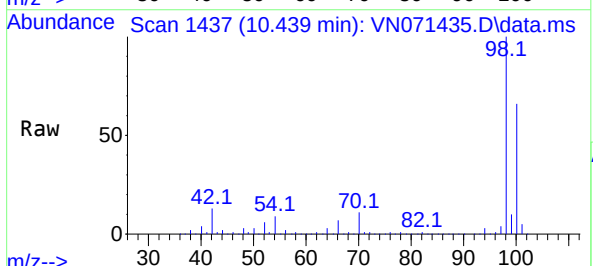
Manual Integrations
APPROVED

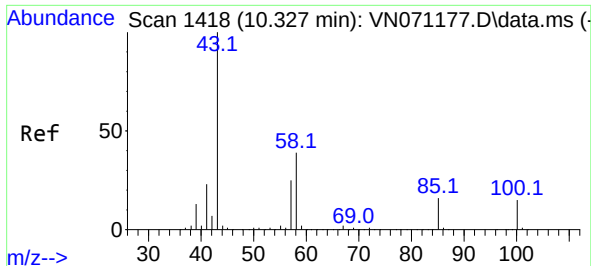
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#50
Toluene-d8
Concen: 50.029 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

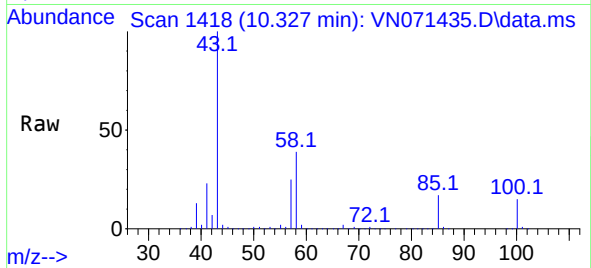
Tgt Ion: 98 Resp: 1321888
Ion Ratio Lower Upper
98 100
100 66.2 50.4 75.6





#51
4-Methyl-2-Pentanone
Concen: 273.393 ug/l
RT: 10.327 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

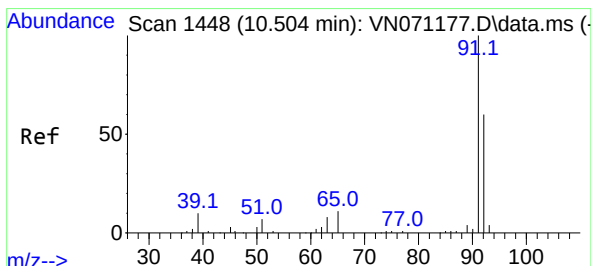
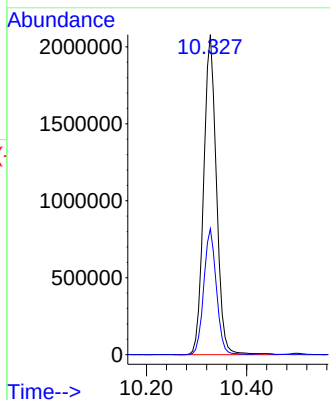
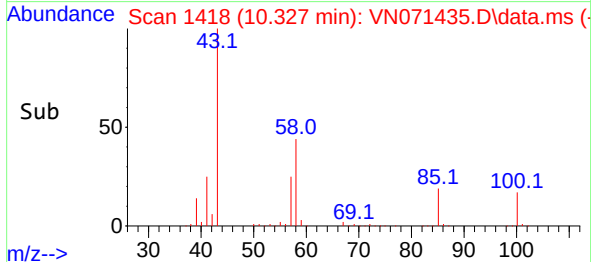
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



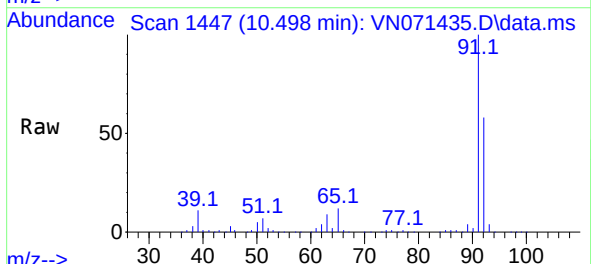
Tgt Ion: 43 Resp: 3671569
Ion Ratio Lower Upper
43 100
58 38.8 30.4 45.6

Manual Integrations
APPROVED

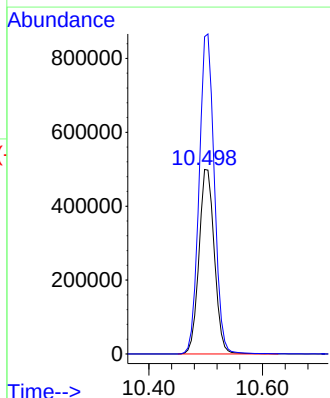
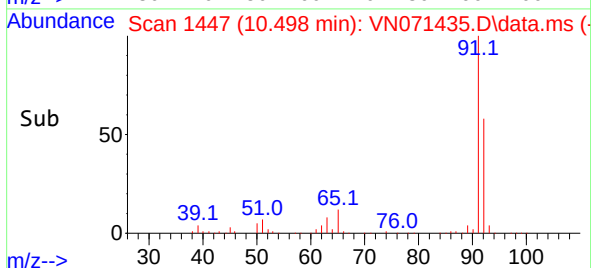
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

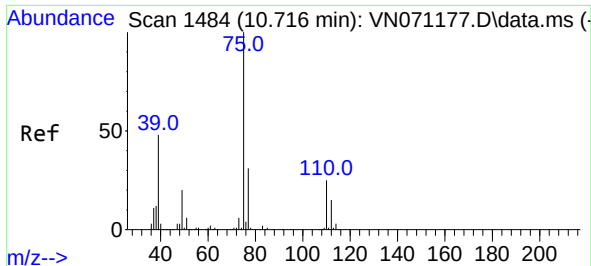


#52
Toluene
Concen: 48.071 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. -0.006 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06



Tgt Ion: 92 Resp: 937741
Ion Ratio Lower Upper
92 100
91 171.5 142.0 213.0





#53
t-1,3-Dichloropropene
Concen: 49.506 ug/l
RT: 10.716 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

Instrument :

MSVOA_N

ClientSampleId :

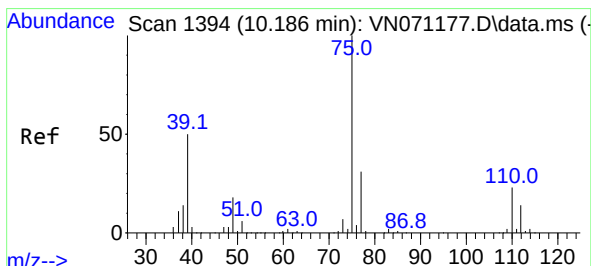
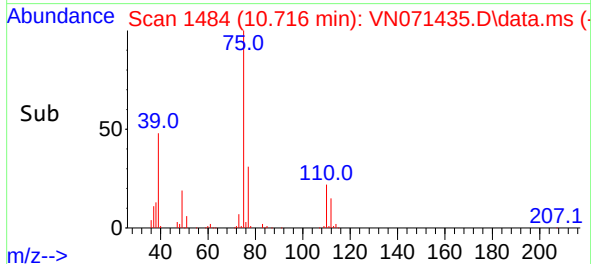
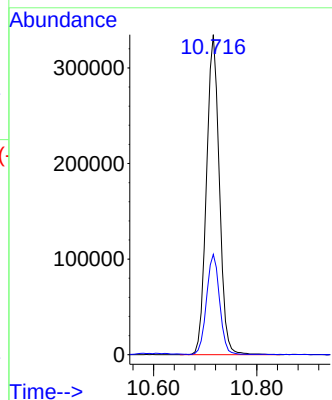
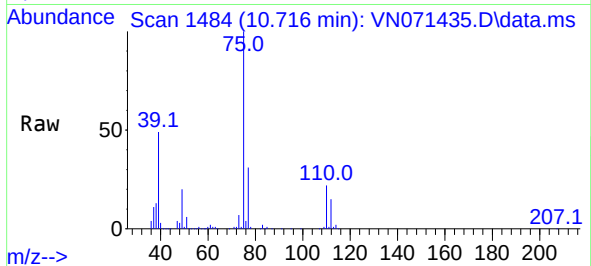
VSTDCCC050EC

Tgt Ion: 75 Resp: 577254
Ion Ratio Lower Upper
75 100
77 31.2 25.6 38.4

Manual Integrations

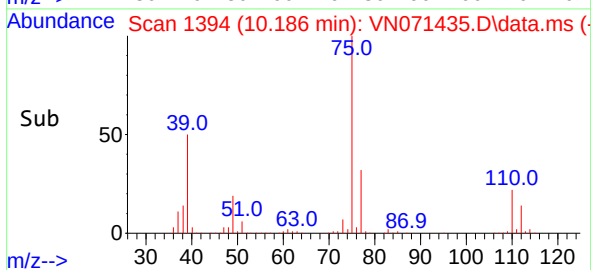
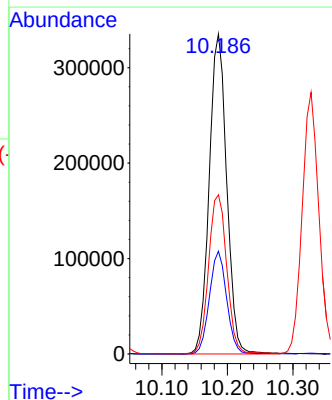
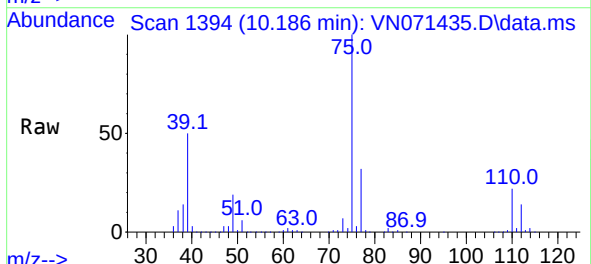
APPROVED

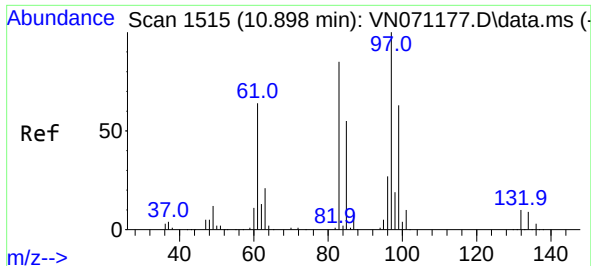
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#54
cis-1,3-Dichloropropene
Concen: 48.805 ug/l
RT: 10.186 min Scan# 1394
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

Tgt Ion: 75 Resp: 621810
Ion Ratio Lower Upper
75 100
77 32.1 26.4 39.6
39 49.7 42.5 63.7





#55
1,1,2-Trichloroethane
Concen: 48.856 ug/l
RT: 10.892 min Scan# 1515
Delta R.T. -0.006 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

Instrument :

MSVOA_N

ClientSampleId :

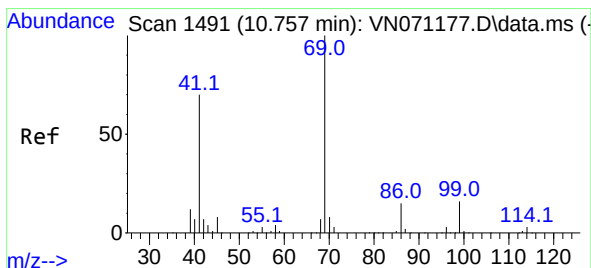
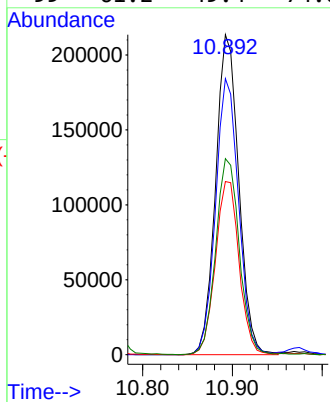
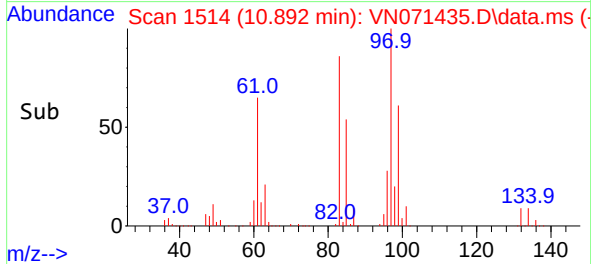
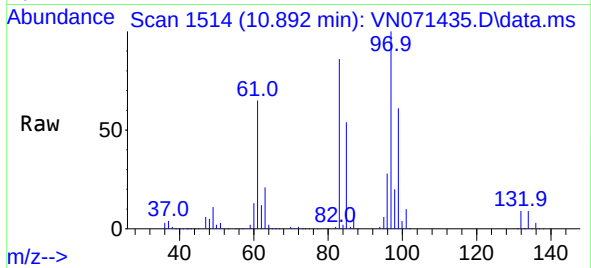
VSTDCCC050EC

Tgt Ion: 97 Resp: 38190
Ion Ratio Lower Upper
97 100
83 86.2 67.8 101.6
85 54.1 45.4 68.2
99 61.2 49.4 74.0

Manual Integrations

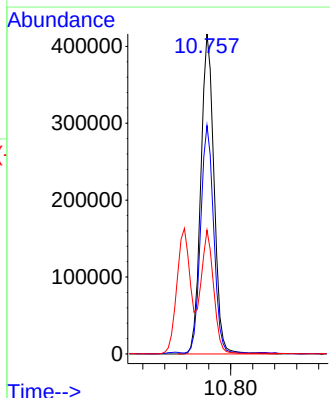
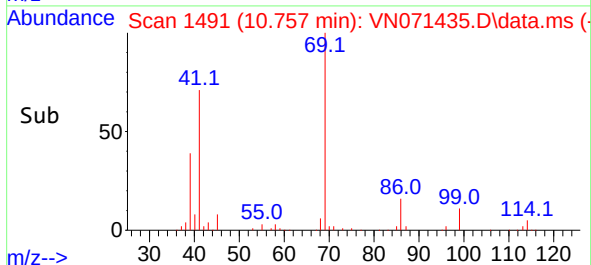
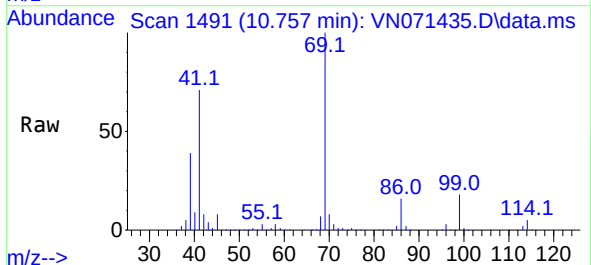
APPROVED

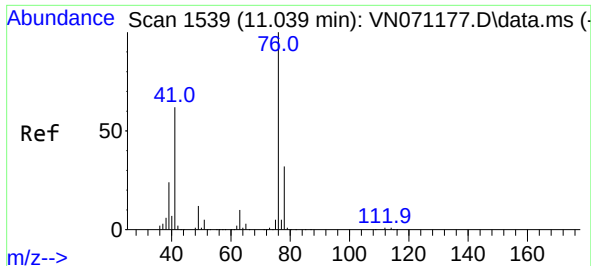
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#56
Ethyl methacrylate
Concen: 54.315 ug/l
RT: 10.757 min Scan# 1491
Delta R.T. -0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

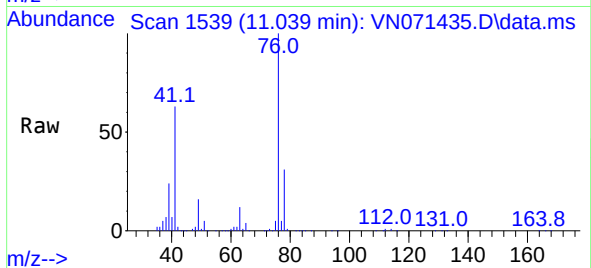
Tgt Ion: 69 Resp: 693368
Ion Ratio Lower Upper
69 100
41 70.5 51.4 77.0
39 37.5 34.6 52.0





#57
1,3-Dichloropropane
Concen: 49.472 ug/l
RT: 11.039 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

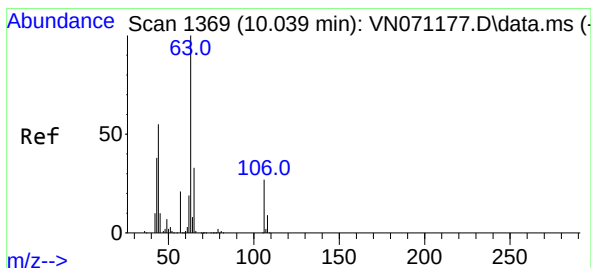
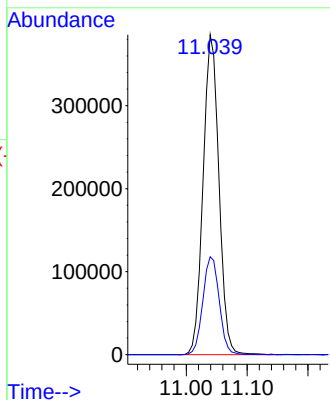
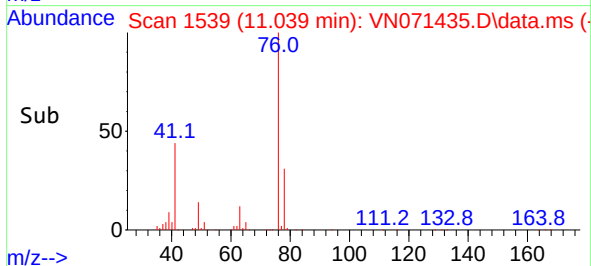
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



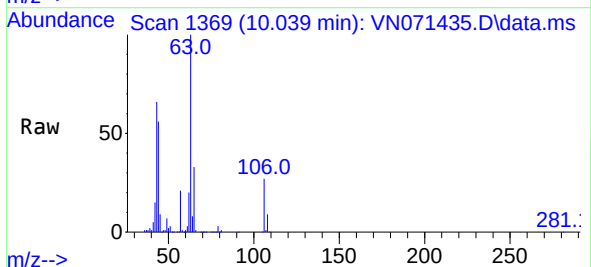
Tgt Ion: 76 Resp: 69414
Ion Ratio Lower Upper
76 100
78 31.7 25.7 38.5

Manual Integrations
APPROVED

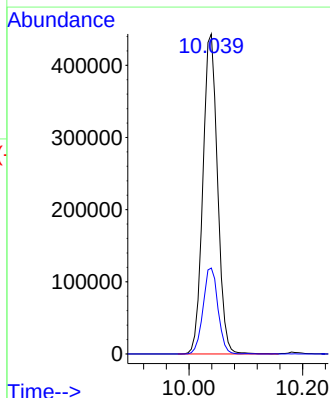
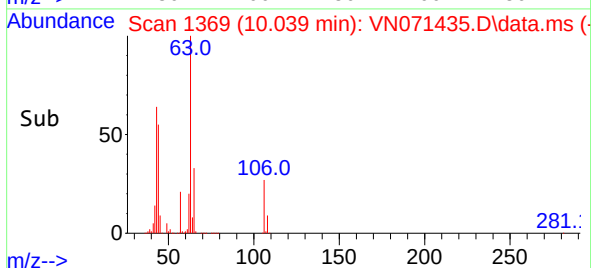
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

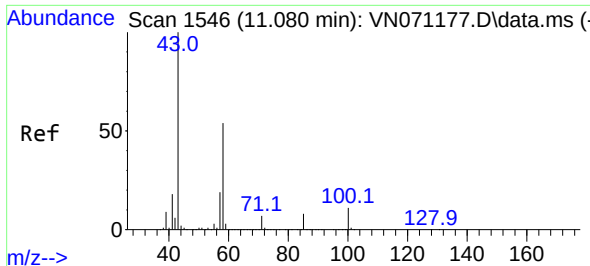


#58
2-Chloroethyl Vinyl ether
Concen: 289.293 ug/l
RT: 10.039 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06



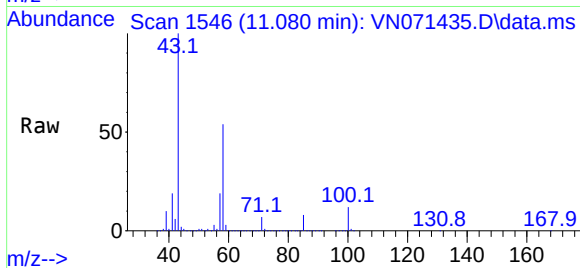
Tgt Ion: 63 Resp: 789099
Ion Ratio Lower Upper
63 100
106 27.3 23.9 35.9





#59
2-Hexanone
Concen: 297.798 ug/l
RT: 11.080 min Scan# 1546
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

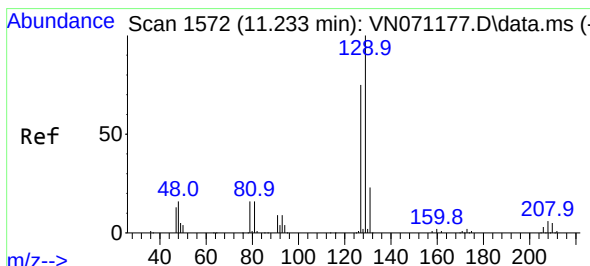
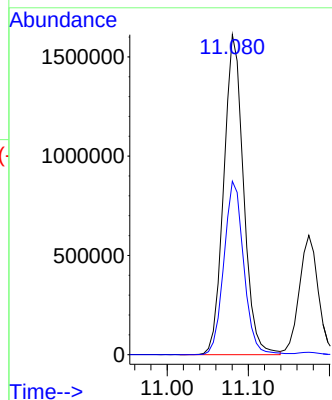
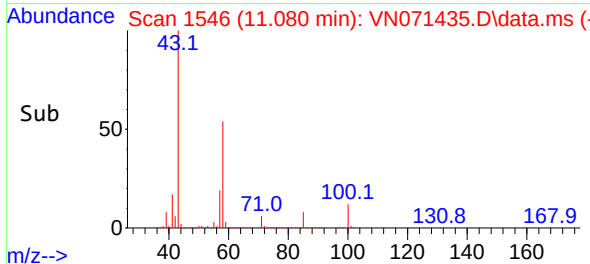
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 2728768
Ion Ratio Lower Upper
43 100
58 54.4 26.9 80.7

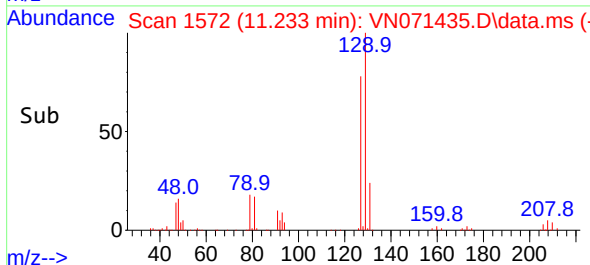
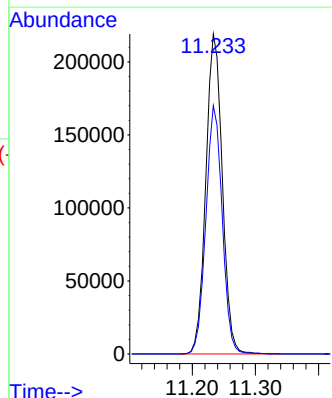
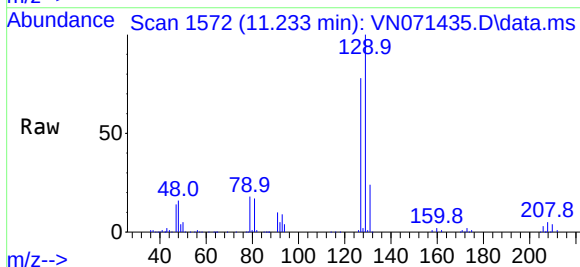
Manual Integrations
APPROVED

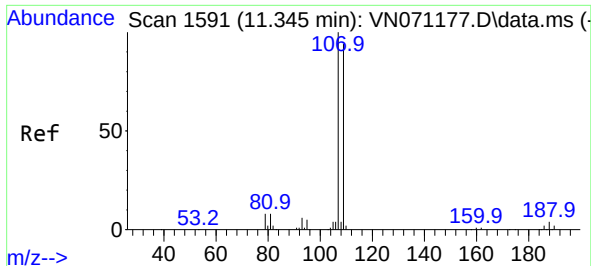
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#60
Dibromochloromethane
Concen: 51.106 ug/l
RT: 11.233 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

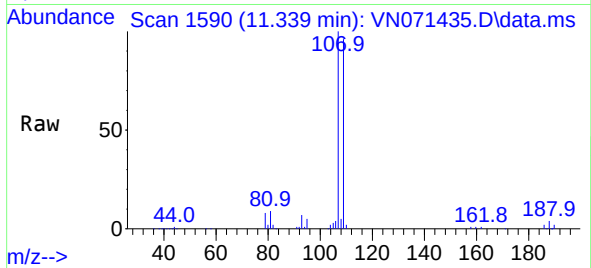
Tgt Ion:129 Resp: 396933
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.084 ug/l
RT: 11.339 min Scan# 1591
Delta R.T. -0.006 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

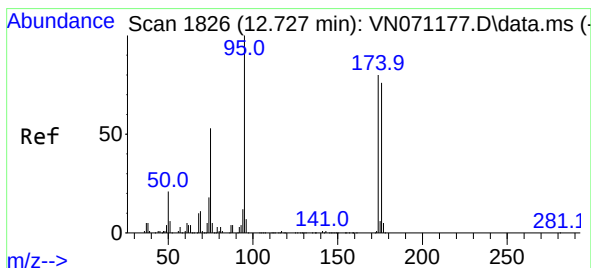
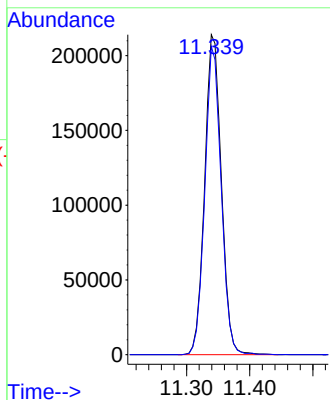
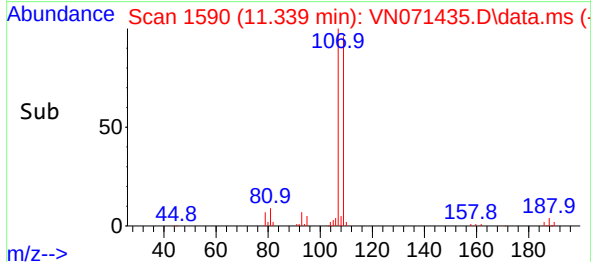
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



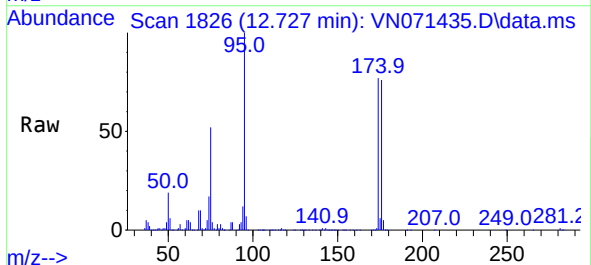
Tgt Ion:107 Resp: 392138
Ion Ratio Lower Upper
107 100
109 94.3 75.7 113.5

Manual Integrations
APPROVED

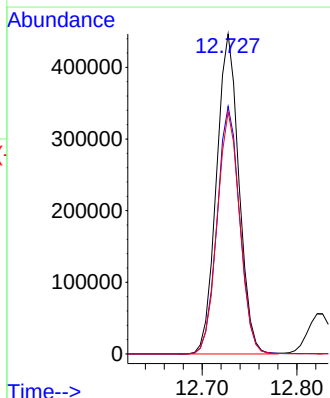
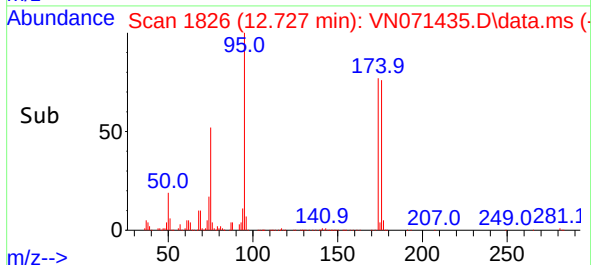
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

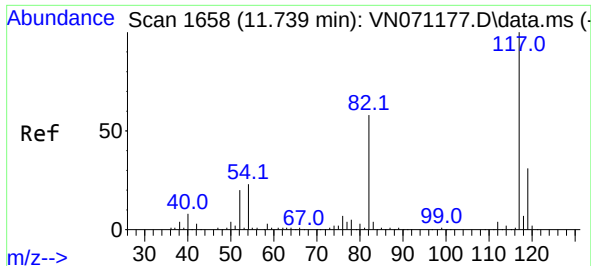


#62
4-Bromofluorobenzene
Concen: 82.364 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06



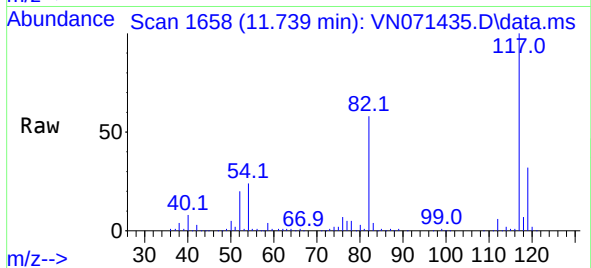
Tgt Ion: 95 Resp: 736942
Ion Ratio Lower Upper
95 100
174 77.8 0.0 187.2
176 76.0 0.0 181.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

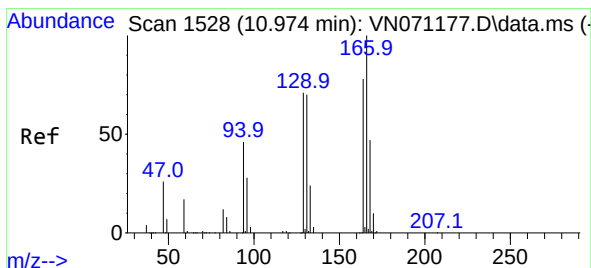
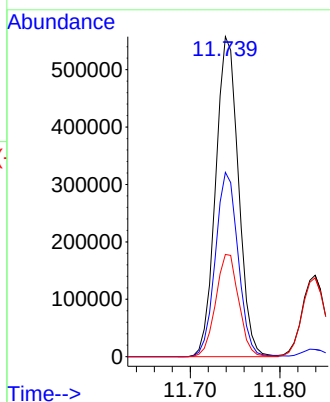
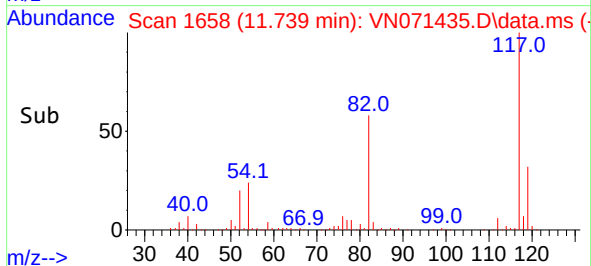
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



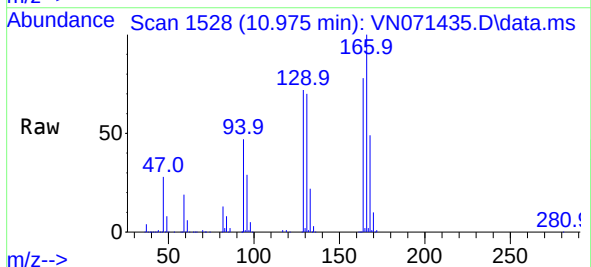
Tgt Ion:117 Resp: 984352
Ion Ratio Lower Upper
117 100
82 57.6 42.4 63.6
119 32.0 25.4 38.2

Manual Integrations
APPROVED

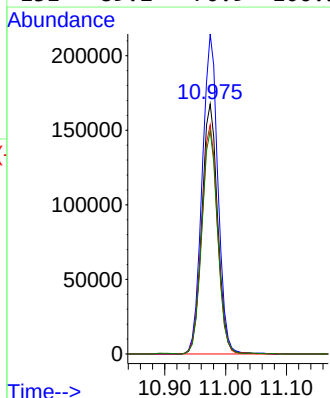
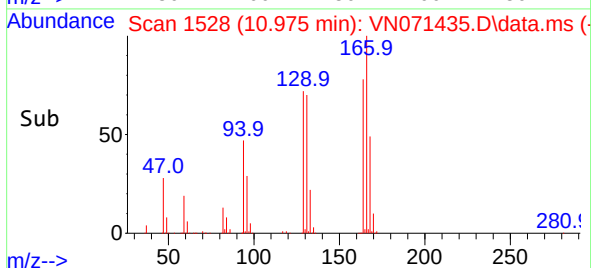
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

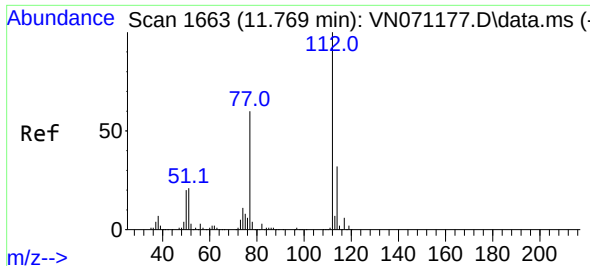


#64
Tetrachloroethene
Concen: 43.888 ug/l
RT: 10.975 min Scan# 1528
Delta R.T. 0.001 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06



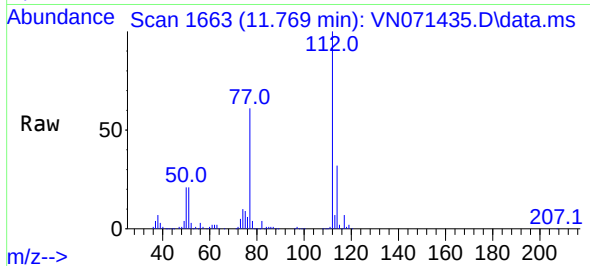
Tgt Ion:164 Resp: 301300
Ion Ratio Lower Upper
164 100
166 127.9 101.9 152.9
129 91.6 72.0 108.0
131 89.2 70.9 106.3





#65
Chlorobenzene
Concen: 47.763 ug/l
RT: 11.769 min Scan# 1663
Delta R.T. -0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

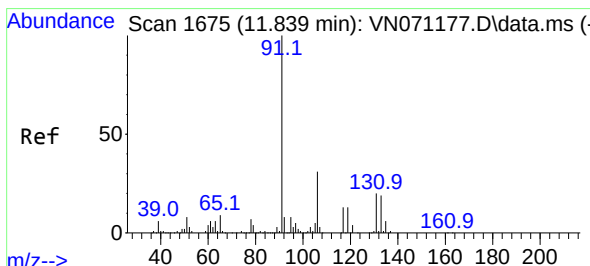
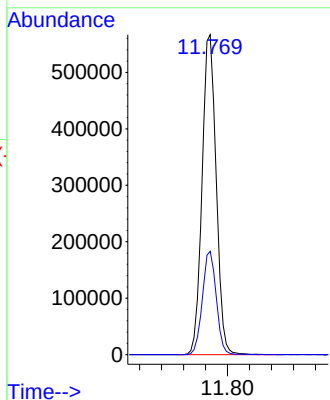
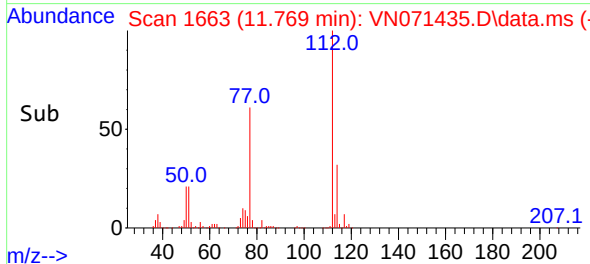
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



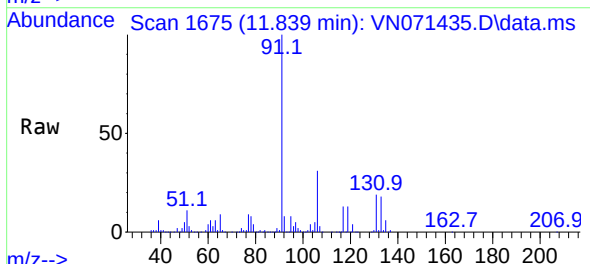
Tgt Ion:112 Resp: 1009690
Ion Ratio Lower Upper
112 100
114 32.3 25.4 38.0

Manual Integrations
APPROVED

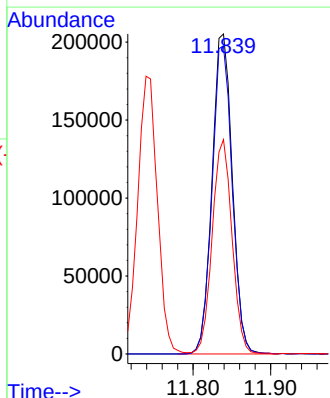
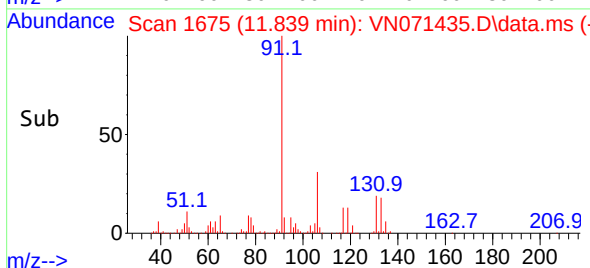
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

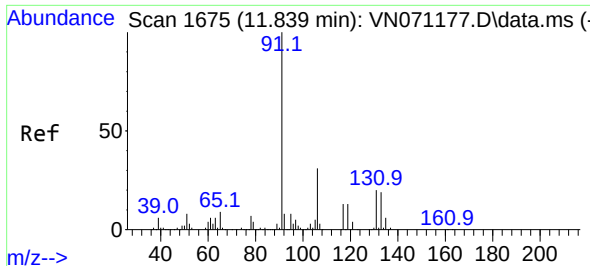


#66
1,1,1,2-Tetrachloroethane
Concen: 47.912 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06



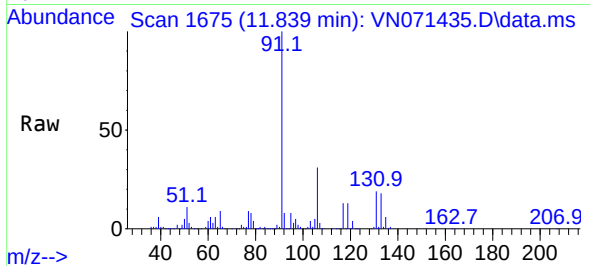
Tgt Ion:131 Resp: 371383
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.7
119 65.5 32.1 96.5





#67
Ethyl Benzene
Concen: 49.223 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

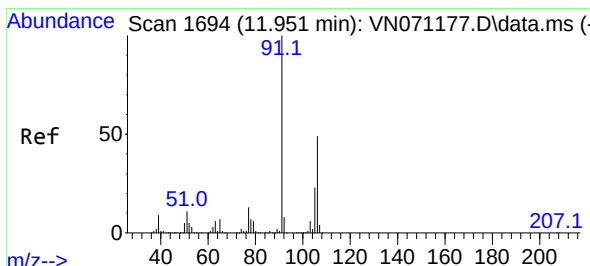
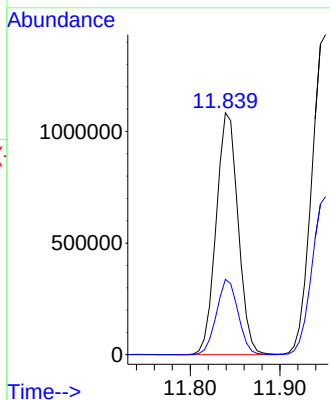
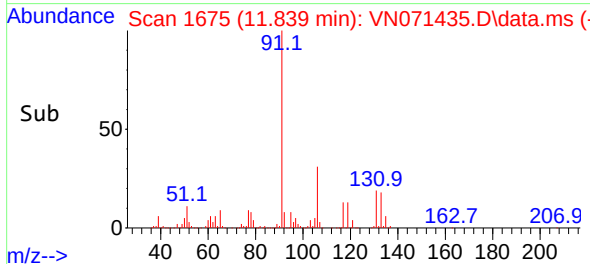
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



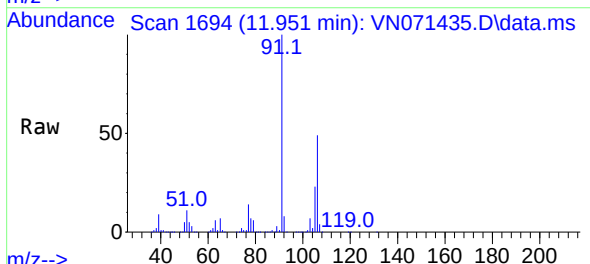
Tgt Ion: 91 Resp: 1839839
Ion Ratio Lower Upper
91 100
106 31.2 25.7 38.5

Manual Integrations
APPROVED

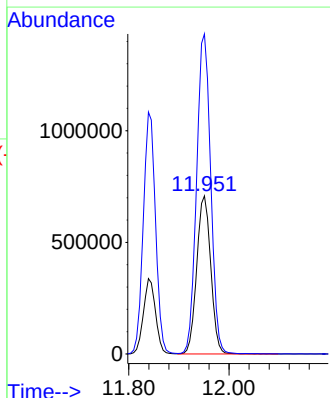
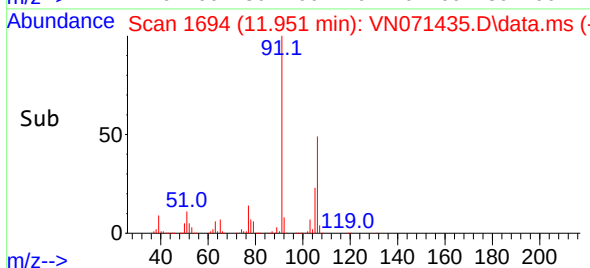
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

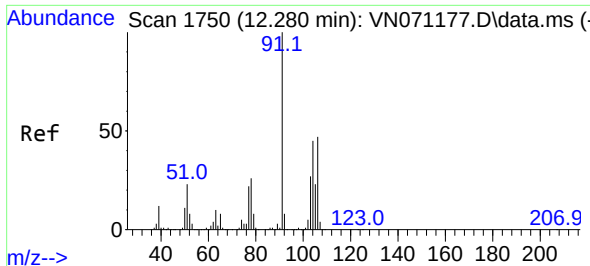


#68
m/p-Xylenes
Concen: 100.402 ug/l
RT: 11.951 min Scan# 1694
Delta R.T. -0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06



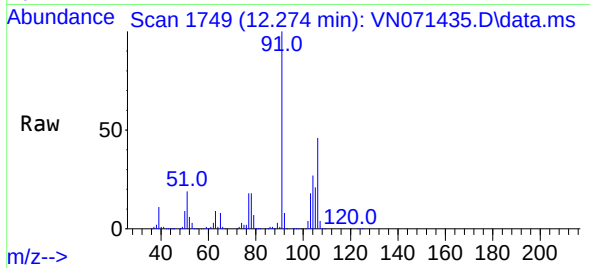
Tgt Ion:106 Resp: 1372868
Ion Ratio Lower Upper
106 100
91 203.1 160.6 240.8





#69
o-Xylene
Concen: 50.524 ug/l
RT: 12.274 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

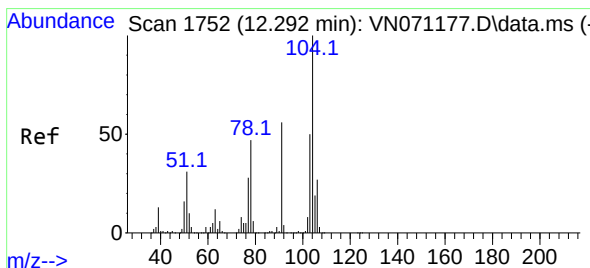
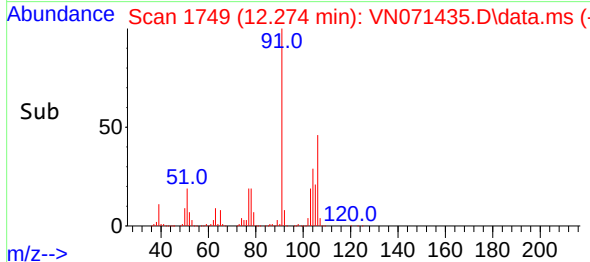
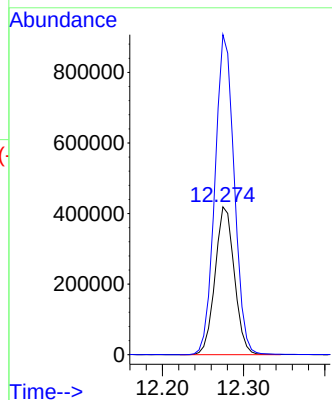
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:106 Resp: 69250
Ion Ratio Lower Upper
106 100
91 216.7 105.8 317.3

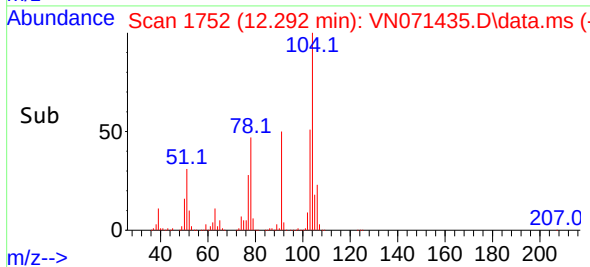
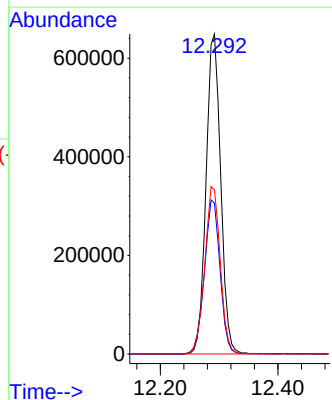
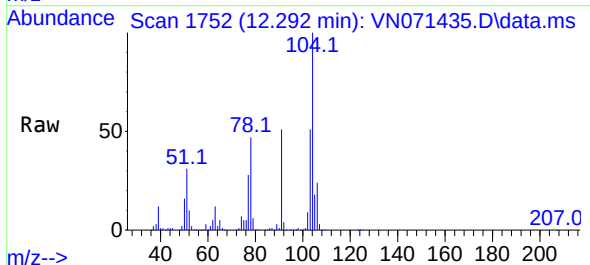
Manual Integrations
APPROVED

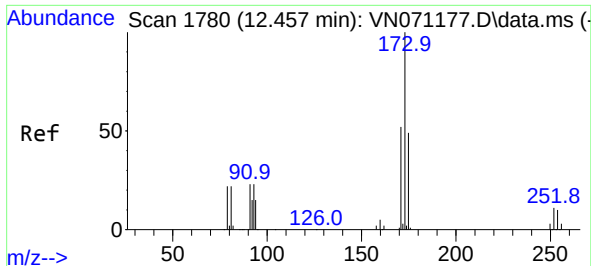
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#70
Styrene
Concen: 52.969 ug/l
RT: 12.292 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

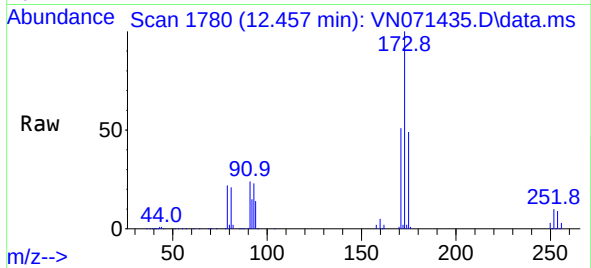
Tgt Ion:104 Resp: 1123824
Ion Ratio Lower Upper
104 100
78 51.2 38.7 58.1
103 55.3 45.0 67.6





#71
Bromoform
Concen: 52.702 ug/l
RT: 12.457 min Scan# 1780
Delta R.T. -0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

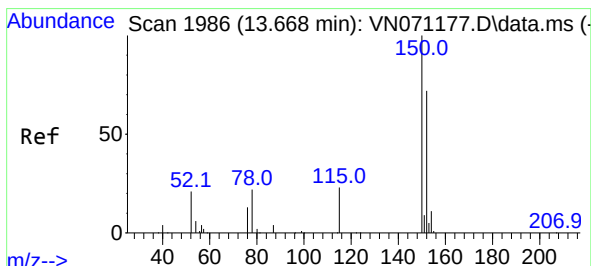
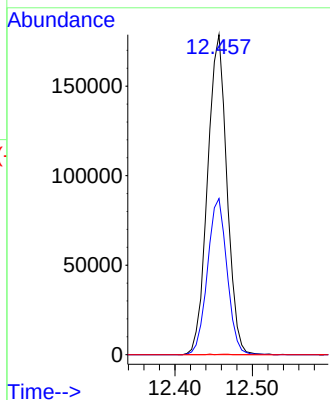
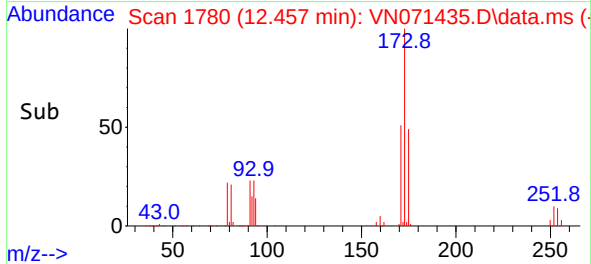
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 310234
Ion Ratio Lower Upper
173 100
175 49.2 24.2 72.6
254 0.1 0.0 0.0

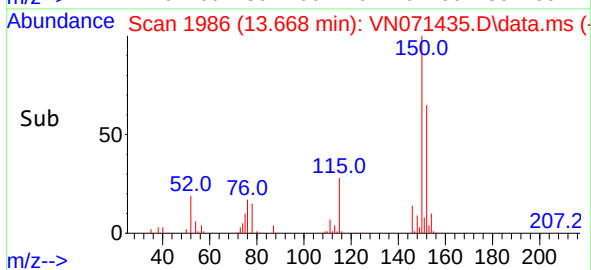
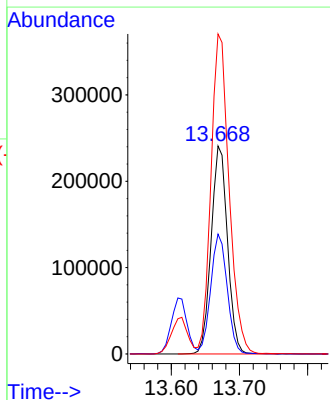
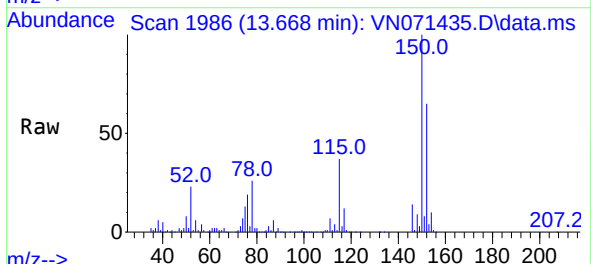
Manual Integrations
APPROVED

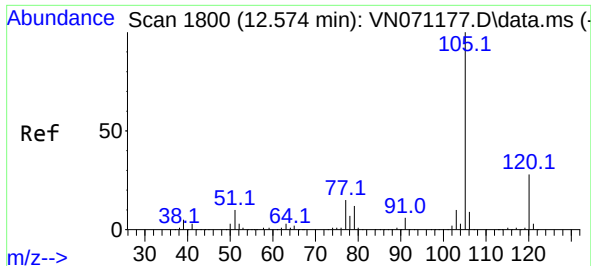
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

Tgt Ion:152 Resp: 402120
Ion Ratio Lower Upper
152 100
115 58.1 27.5 82.5
150 171.0 0.0 344.4





#73
Isopropylbenzene
Concen: 46.373 ug/l
RT: 12.574 min Scan# 1800
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

Instrument :

MSVOA_N

ClientSampleId :

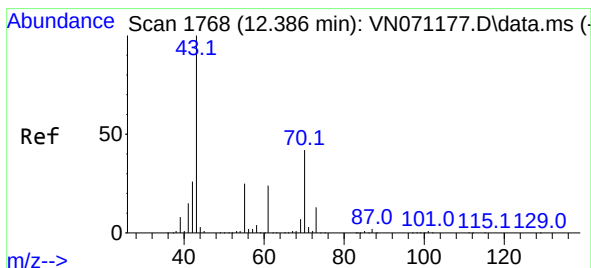
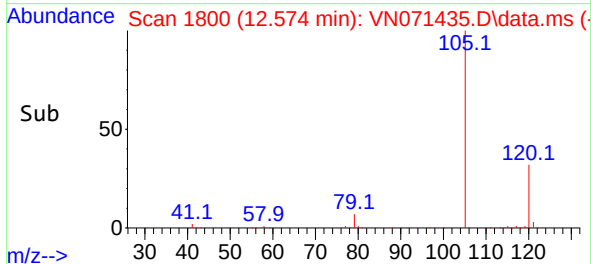
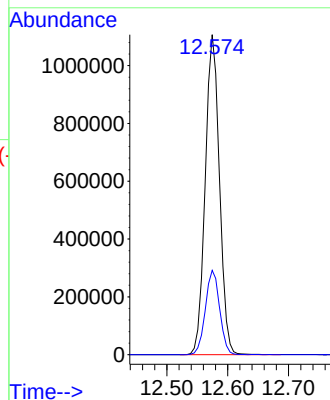
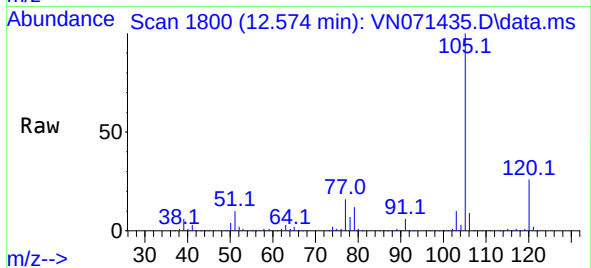
VSTDCCC050EC

Tgt Ion:105 Resp: 179759
Ion Ratio Lower Upper
105 100
120 26.5 13.4 40.1

Manual Integrations

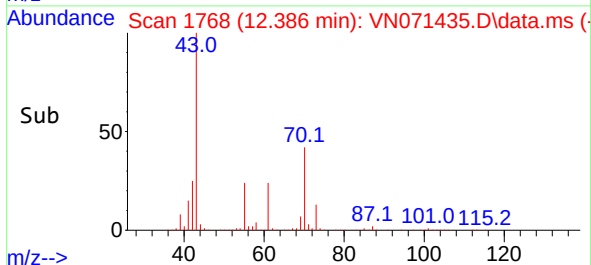
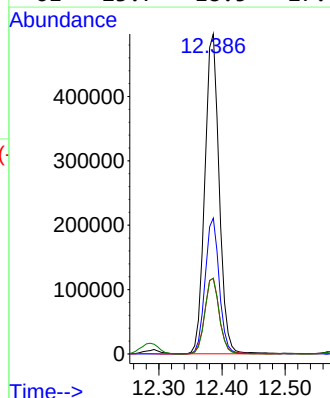
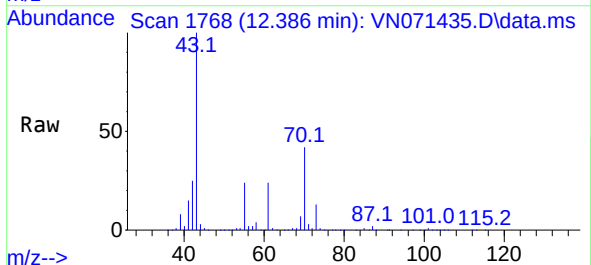
APPROVED

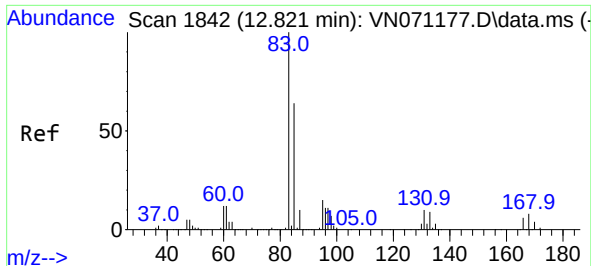
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#74
N-ethyl acetate
Concen: 53.993 ug/l
RT: 12.386 min Scan# 1768
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

Tgt Ion: 43 Resp: 786951
Ion Ratio Lower Upper
43 100
70 41.9 33.4 50.0
55 24.2 19.3 28.9
61 23.7 18.5 27.7





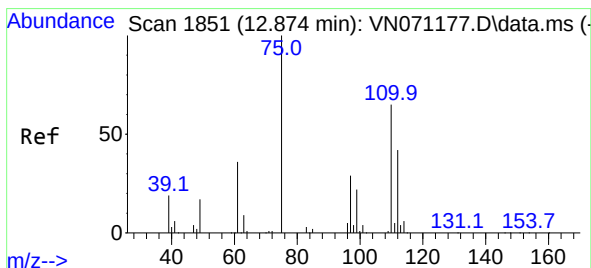
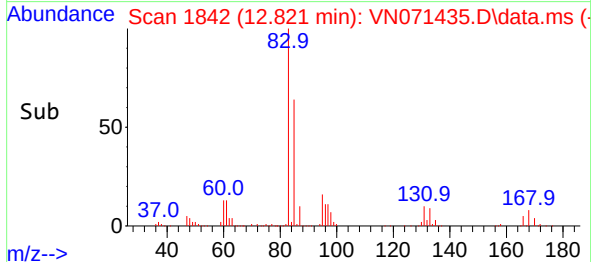
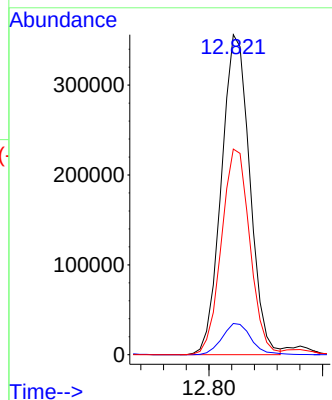
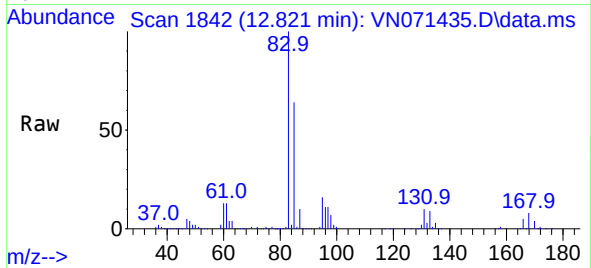
#75
1,1,2,2-Tetrachloroethane
Concen: 53.851 ug/l
RT: 12.821 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 61804
Ion Ratio Lower Upper
83 100
131 10.0 5.5 16.5
85 64.4 32.4 97.2

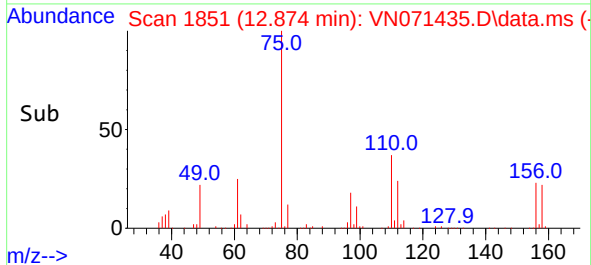
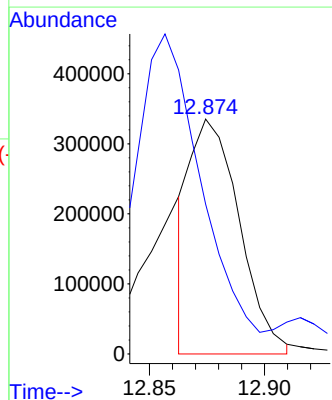
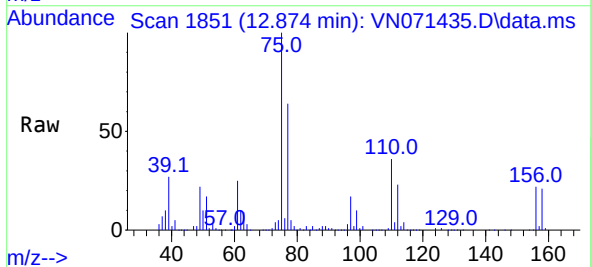
Manual Integrations
APPROVED

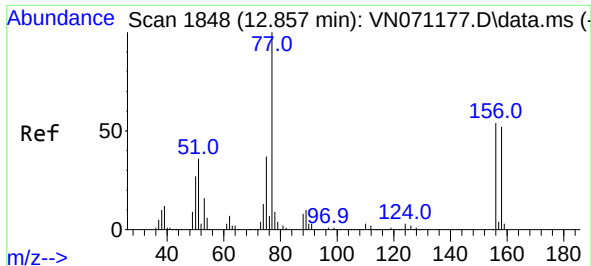
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#76
1,2,3-Trichloropropane
Concen: 51.524 ug/l m
RT: 12.874 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

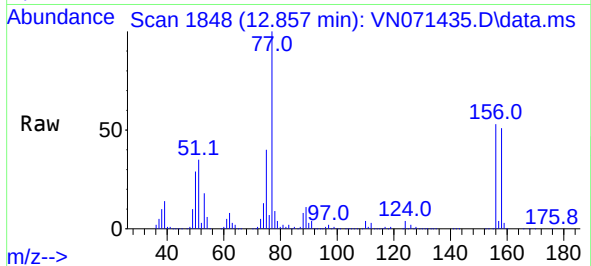
Tgt Ion: 75 Resp: 501322
Ion Ratio Lower Upper
75 100
77 186.2 82.6 247.8





#77
Bromobenzene
Concen: 45.667 ug/l
RT: 12.857 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

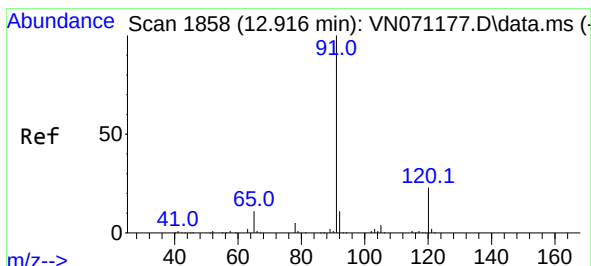
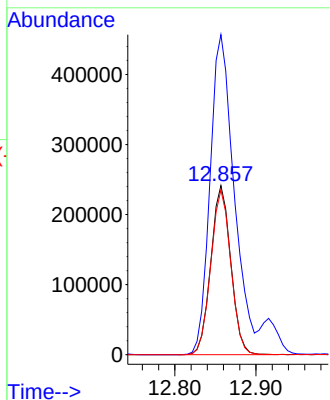
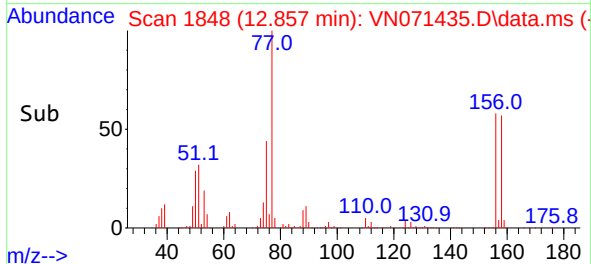
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



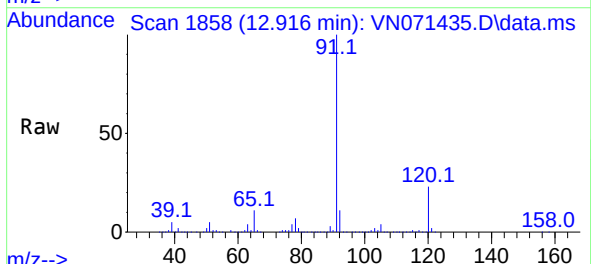
Tgt Ion:156 Resp: 412790
Ion Ratio Lower Upper
156 100
77 226.1 90.6 271.8
158 97.4 48.9 146.7

Manual Integrations
APPROVED

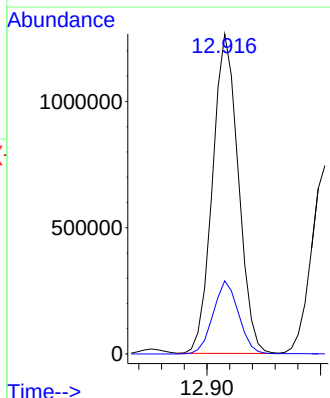
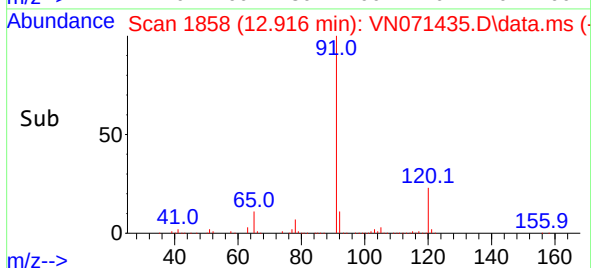
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

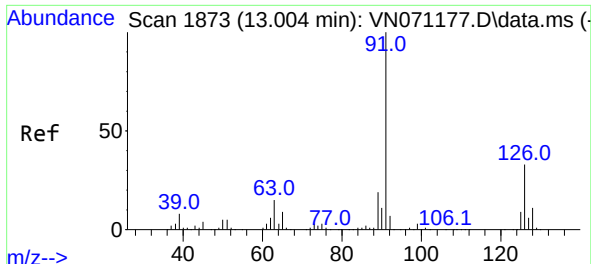


#78
n-propylbenzene
Concen: 47.957 ug/l
RT: 12.916 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06



Tgt Ion: 91 Resp: 1994834
Ion Ratio Lower Upper
91 100
120 22.5 11.9 35.9





#79
2-Chlorotoluene
Concen: 45.979 ug/l
RT: 13.004 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

Instrument :

MSVOA_N

ClientSampleId :

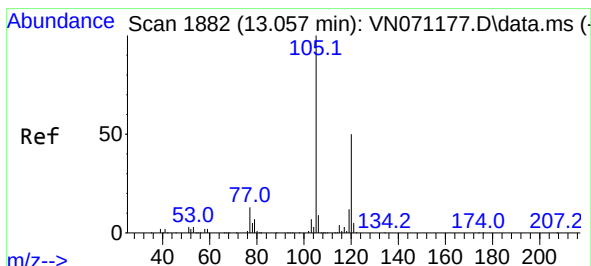
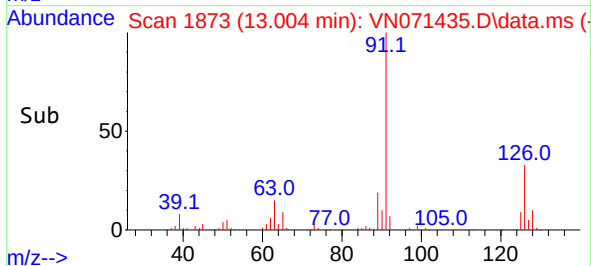
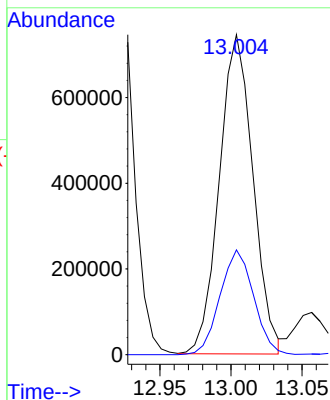
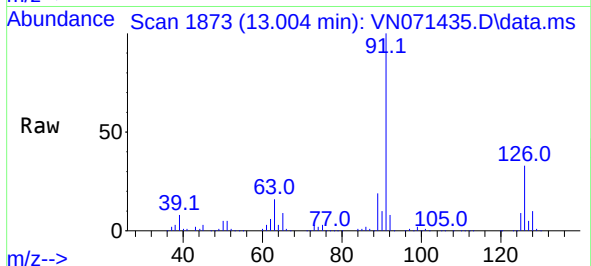
VSTDCCC050EC

Tgt Ion: 91 Resp: 122770
Ion Ratio Lower Upper
91 100
126 32.8 18.3 54.8

Manual Integrations

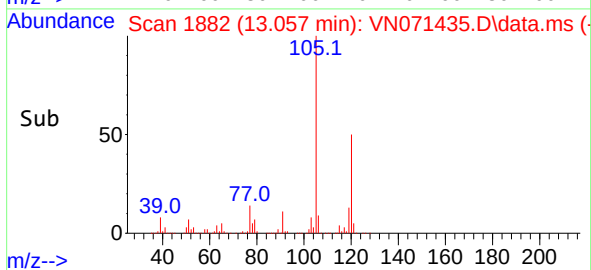
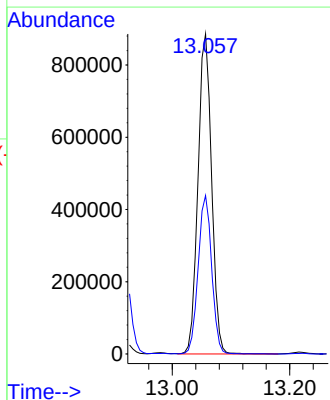
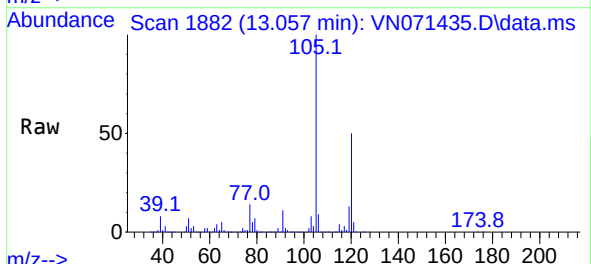
APPROVED

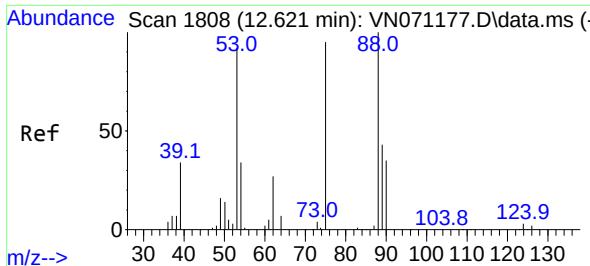
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#80
1,3,5-Trimethylbenzene
Concen: 47.035 ug/l
RT: 13.057 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

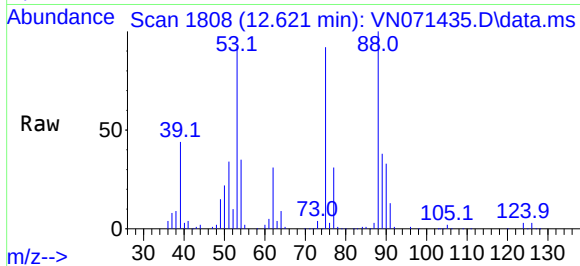
Tgt Ion:105 Resp: 1418499
Ion Ratio Lower Upper
105 100
120 49.2 24.6 73.6





#81
trans-1,4-Dichloro-2-butene
Concen: 49.564 ug/l
RT: 12.621 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

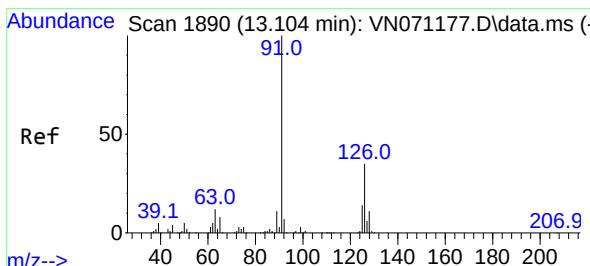
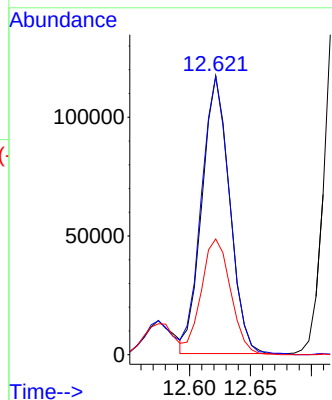
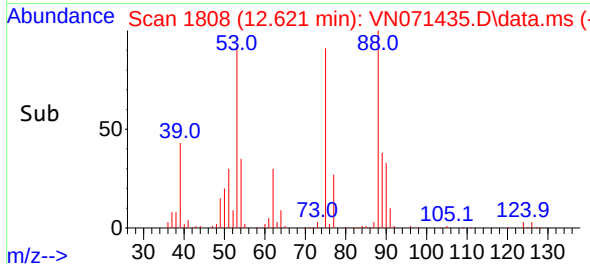
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



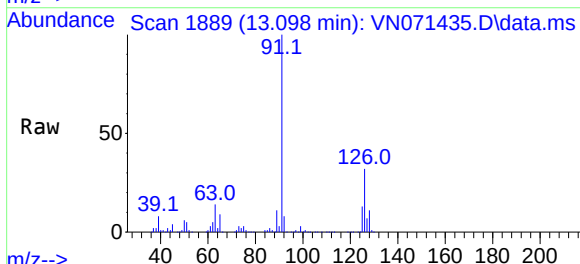
Tgt Ion: 75 Resp: 184375
Ion Ratio Lower Upper
75 100
53 102.9 90.5 135.7
89 44.5 38.2 57.4

Manual Integrations
APPROVED

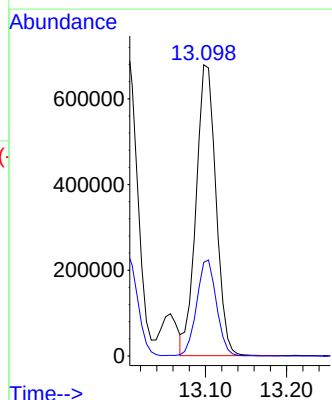
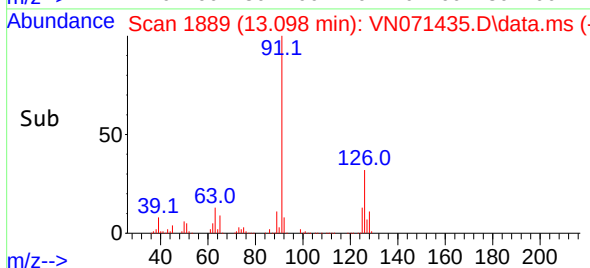
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

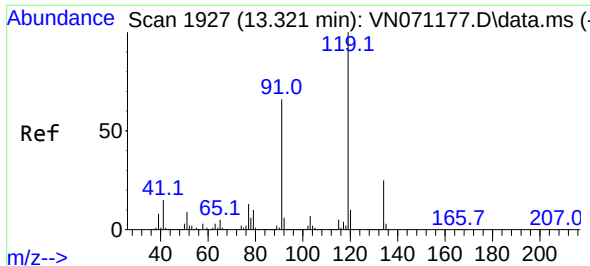


#82
4-Chlorotoluene
Concen: 48.518 ug/l
RT: 13.098 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06



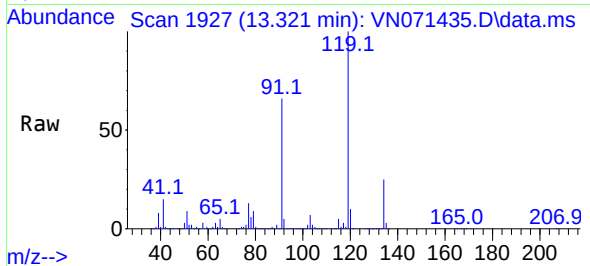
Tgt Ion: 91 Resp: 1153955
Ion Ratio Lower Upper
91 100
126 33.0 18.2 54.6





#83
tert-Butylbenzene
Concen: 48.782 ug/l
RT: 13.321 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

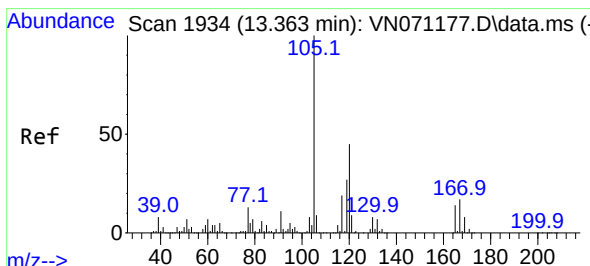
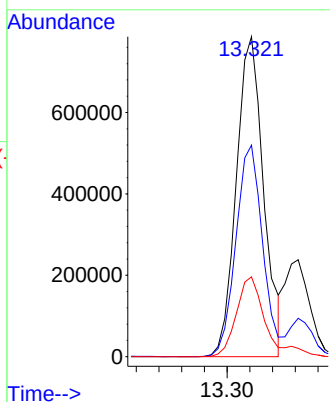
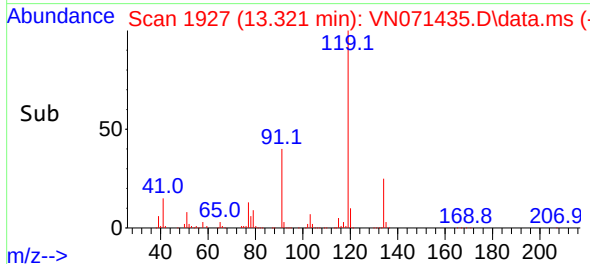
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



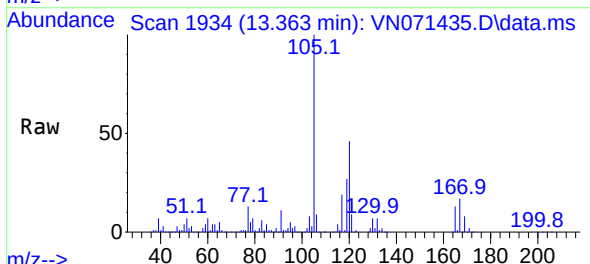
Tgt Ion:119 Resp: 131291
Ion Ratio Lower Upper
119 100
91 65.6 31.5 94.5
134 26.7 12.4 37.4

Manual Integrations
APPROVED

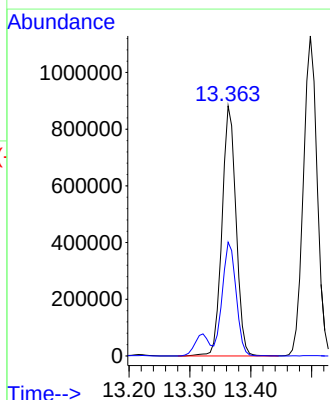
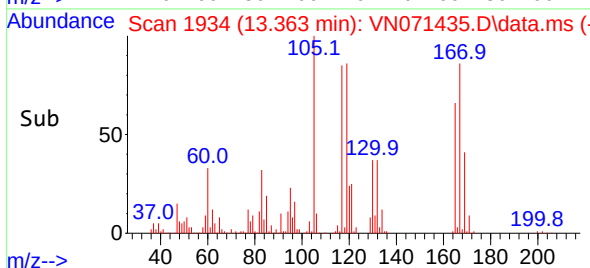
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

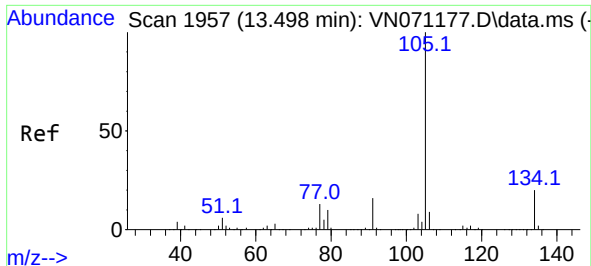


#84
1,2,4-Trimethylbenzene
Concen: 48.746 ug/l
RT: 13.363 min Scan# 1934
Delta R.T. -0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06



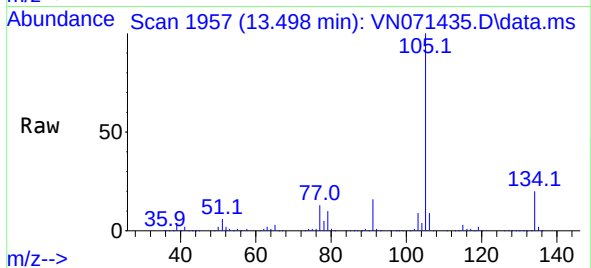
Tgt Ion:105 Resp: 1408108
Ion Ratio Lower Upper
105 100
120 44.5 22.8 68.4





#85
 sec-Butylbenzene
 Concen: 49.542 ug/l
 RT: 13.498 min Scan# 1957
 Delta R.T. 0.000 min
 Lab File: VN071435.D
 Acq: 21 Mar 2022 22:06

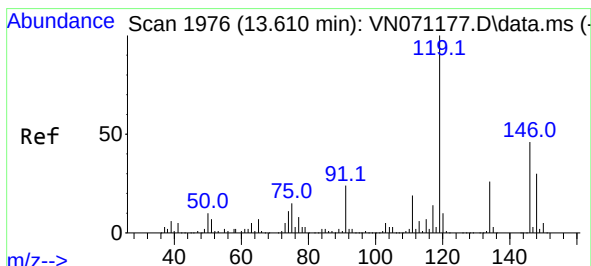
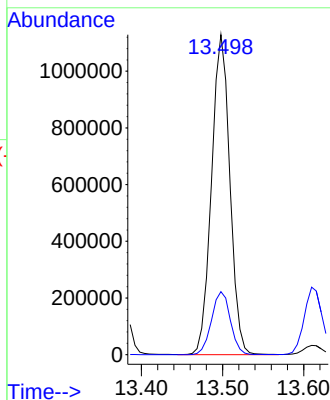
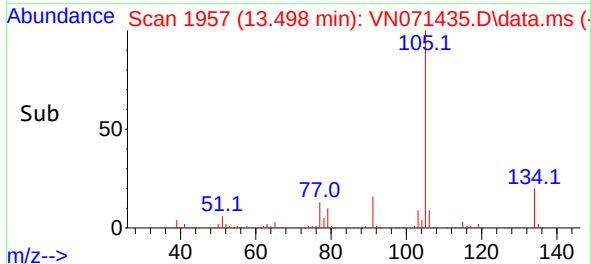
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



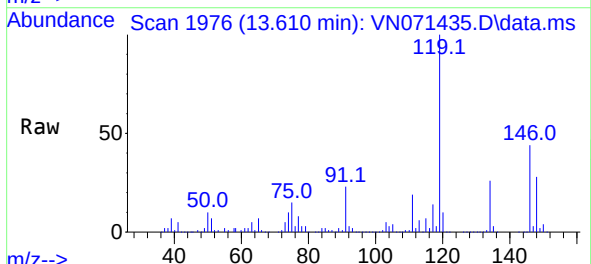
Tgt Ion:105 Resp: 1772259
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.4 31.1

Manual Integrations
 APPROVED

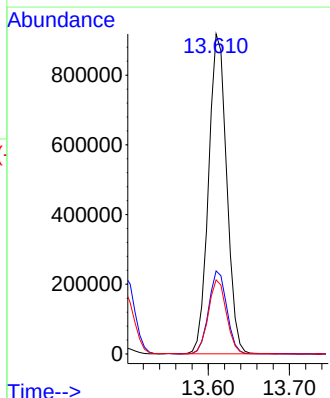
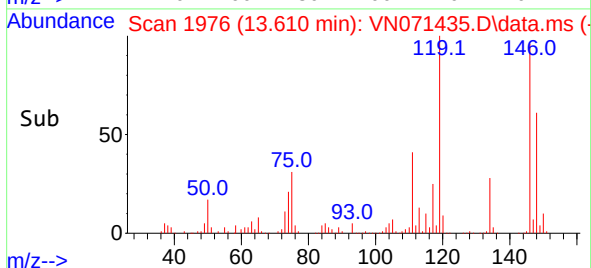
Reviewed By :John Carlone 03/22/2022
 Supervised By :Mahesh Dadoda 03/22/2022

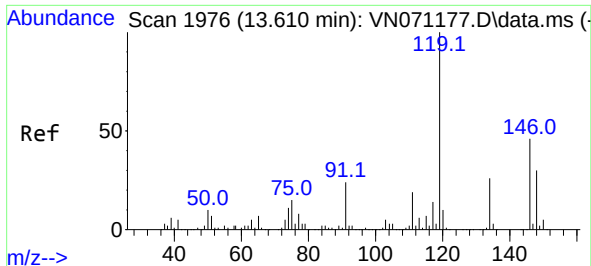


#86
 p-Isopropyltoluene
 Concen: 50.495 ug/l
 RT: 13.610 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VN071435.D
 Acq: 21 Mar 2022 22:06



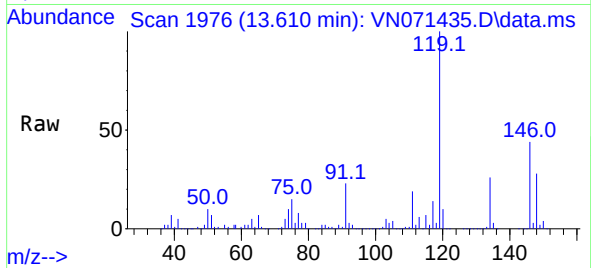
Tgt Ion:119 Resp: 1420603
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.6 40.7
 91 23.2 11.4 34.1





#87
1,3-Dichlorobenzene
Concen: 45.896 ug/l
RT: 13.610 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

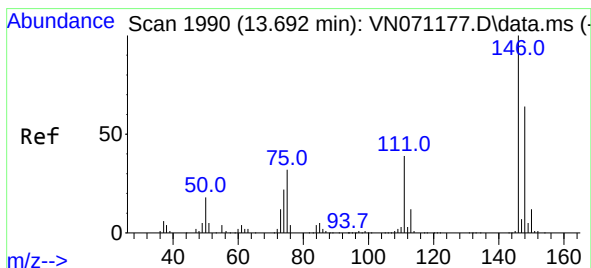
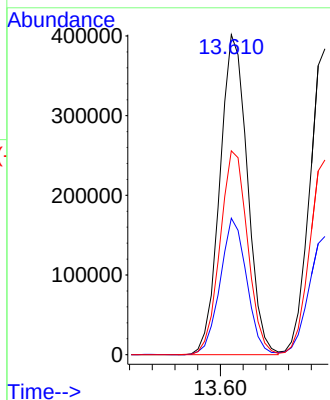
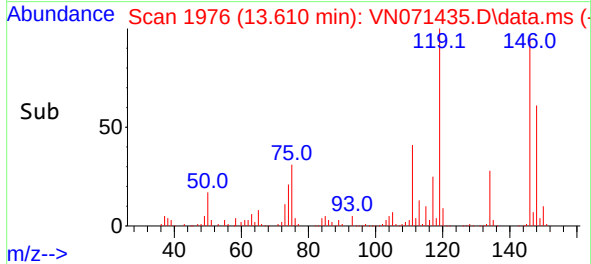
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



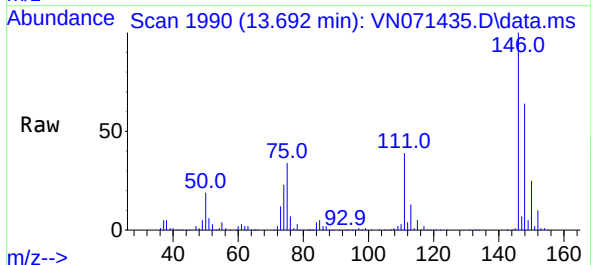
Tgt Ion:146 Resp: 674080
Ion Ratio Lower Upper
146 100
111 41.3 18.6 55.6
148 64.1 31.6 95.0

Manual Integrations
APPROVED

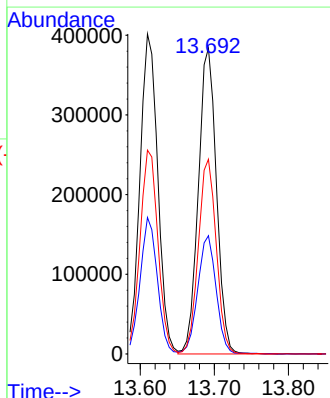
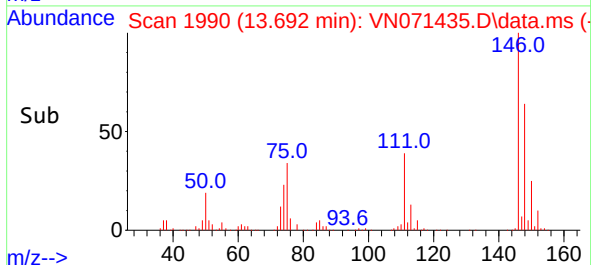
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

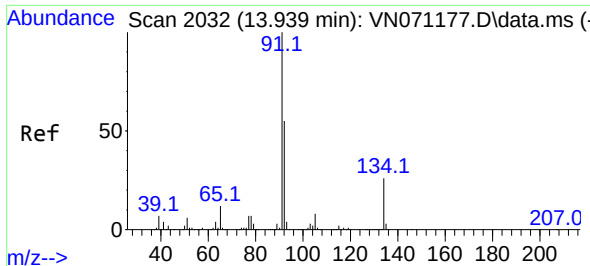


#88
1,4-Dichlorobenzene
Concen: 45.431 ug/l
RT: 13.692 min Scan# 1990
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06



Tgt Ion:146 Resp: 652243
Ion Ratio Lower Upper
146 100
111 39.4 18.3 54.8
148 62.9 31.8 95.4





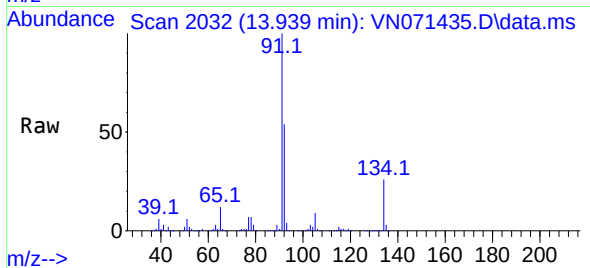
#89
n-Butylbenzene
Concen: 49.766 ug/l
RT: 13.939 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

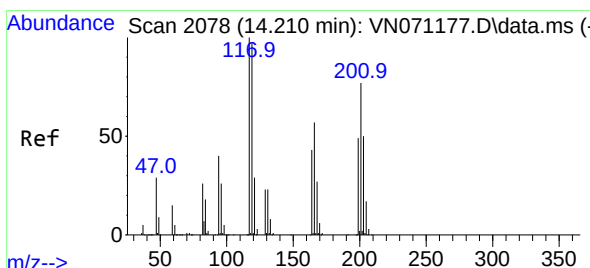
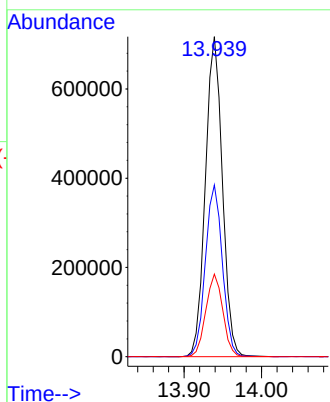
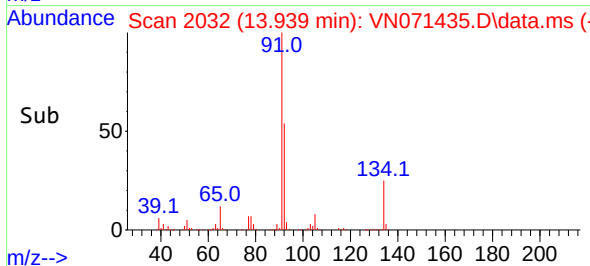


Tgt Ion: 91 Resp: 109506
Ion Ratio Lower Upper
91 100
92 53.8 25.4 76.0
134 25.8 13.6 40.8

Manual Integrations

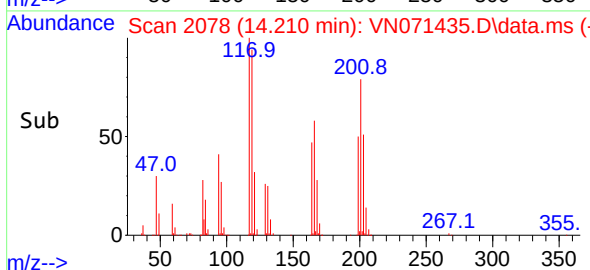
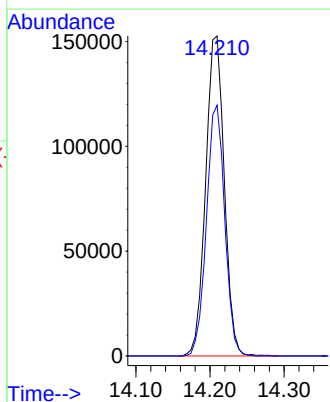
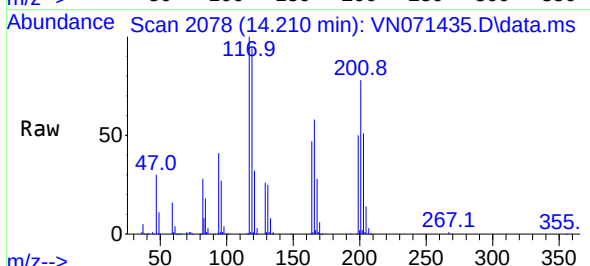
APPROVED

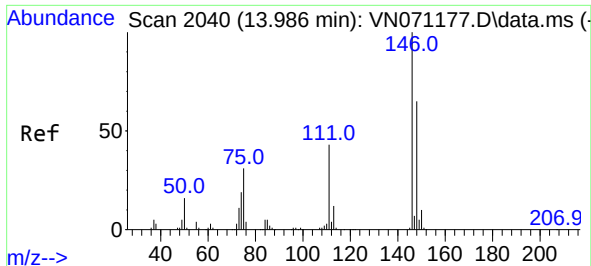
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#90
Hexachloroethane
Concen: 47.689 ug/l
RT: 14.210 min Scan# 2078
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

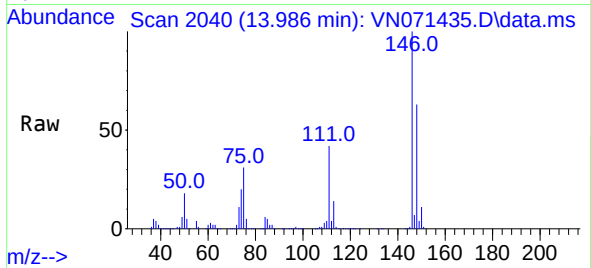
Tgt Ion:117 Resp: 266804
Ion Ratio Lower Upper
117 100
201 76.9 43.9 131.6





#91
1,2-Dichlorobenzene
Concen: 46.649 ug/l
RT: 13.986 min Scan# 2040
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

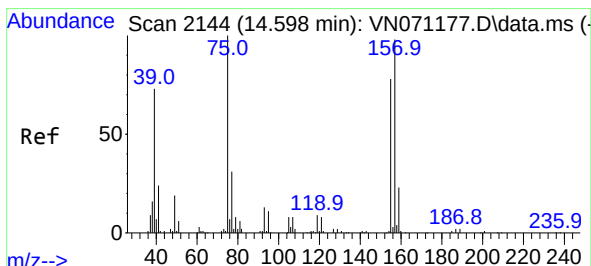
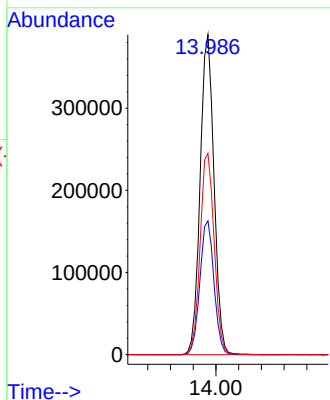
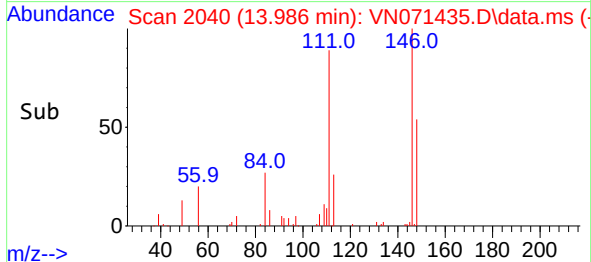
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



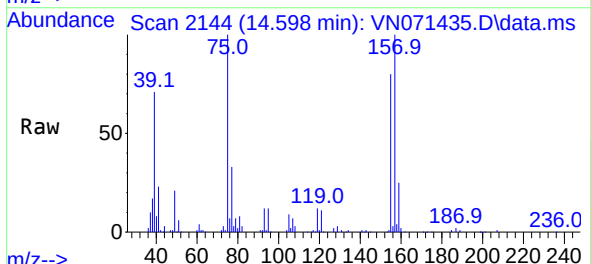
Tgt Ion:146 Resp: 65869
Ion Ratio Lower Upper
146 100
111 42.6 19.1 57.3
148 64.0 32.1 96.3

Manual Integrations
APPROVED

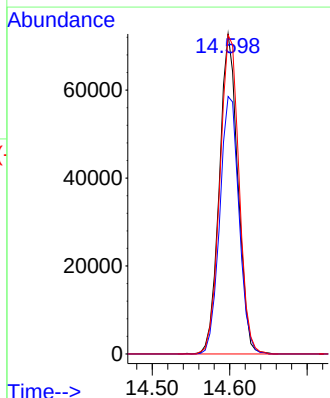
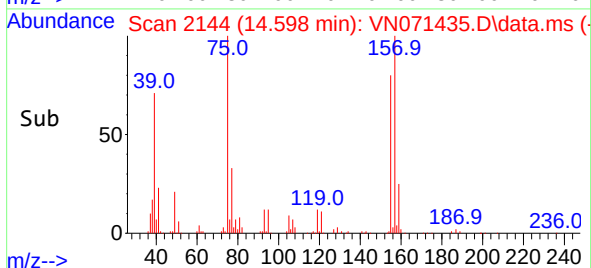
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

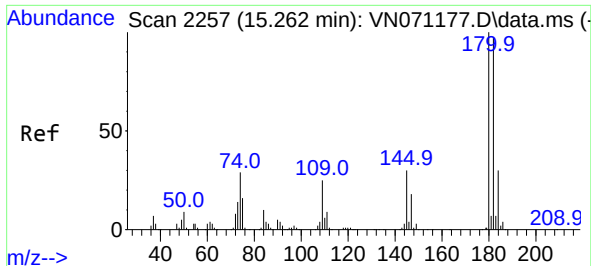


#92
1,2-Dibromo-3-Chloropropane
Concen: 53.786 ug/l
RT: 14.598 min Scan# 2144
Delta R.T. 0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06



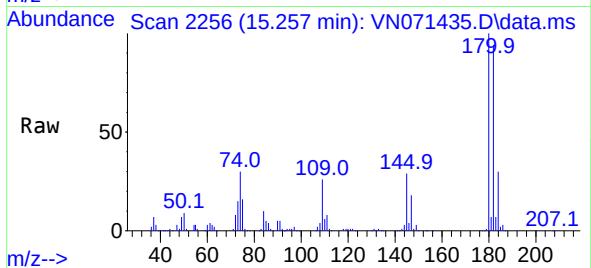
Tgt Ion: 75 Resp: 121310
Ion Ratio Lower Upper
75 100
155 83.4 46.9 140.7
157 102.6 60.6 181.7





#93
1,2,4-Trichlorobenzene
Concen: 50.551 ug/l
RT: 15.257 min Scan# 211
Delta R.T. -0.005 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

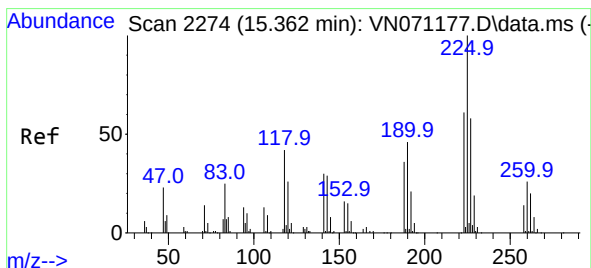
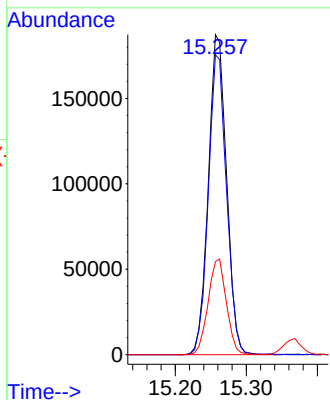
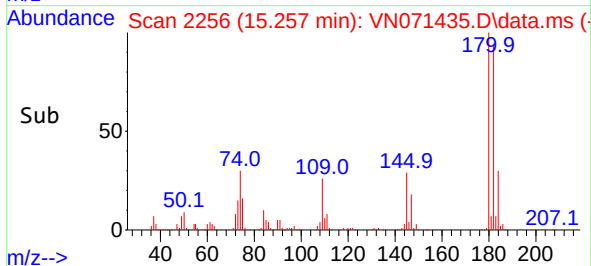
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



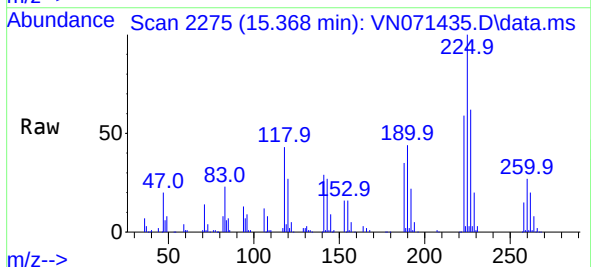
Tgt Ion:180 Resp: 33336
Ion Ratio Lower Upper
180 100
182 93.5 48.3 144.9
145 30.1 14.5 43.5

Manual Integrations
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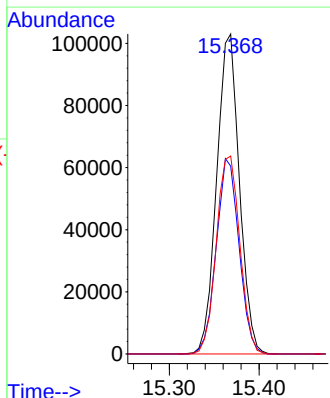
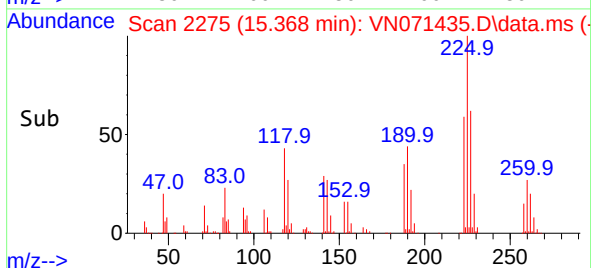
Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022

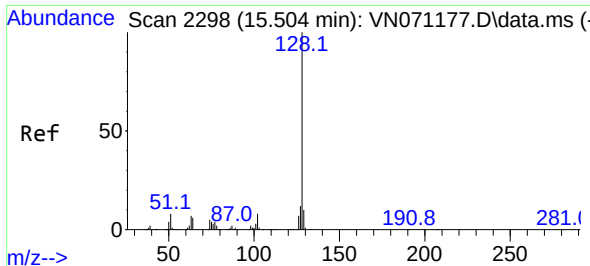


#94
Hexachlorobutadiene
Concen: 45.684 ug/l
RT: 15.368 min Scan# 2275
Delta R.T. 0.006 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06



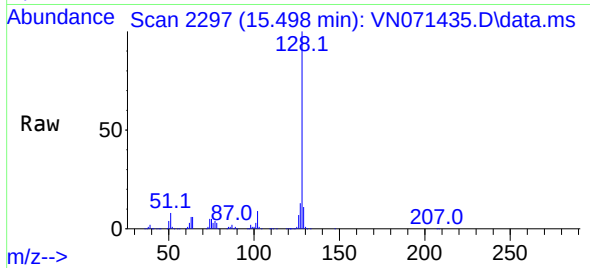
Tgt Ion:225 Resp: 181090
Ion Ratio Lower Upper
225 100
223 61.2 31.9 95.7
227 64.0 32.1 96.3





#95
Naphthalene
Concen: 57.443 ug/l
RT: 15.498 min Scan# 2298
Delta R.T. -0.006 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

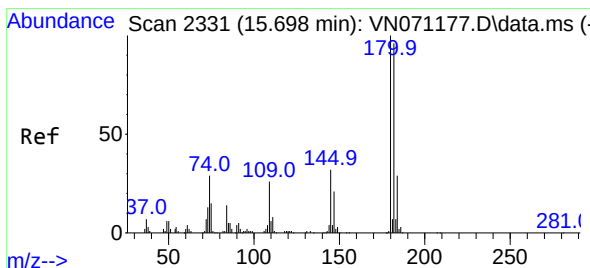
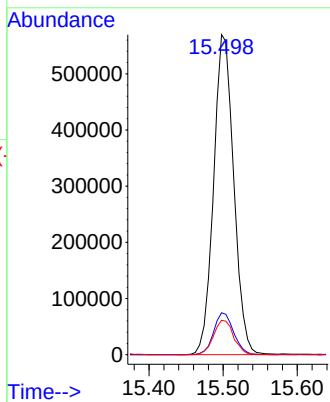
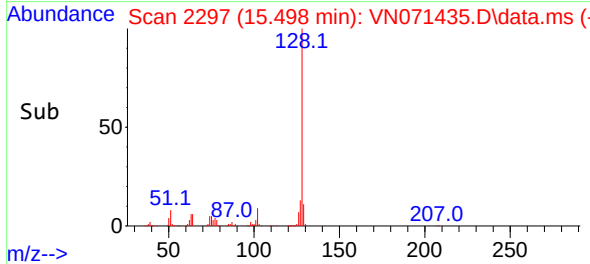
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



Tgt Ion:128 Resp: 1074378
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/22/2022
Supervised By :Mahesh Dadoda 03/22/2022



#96
1,2,3-Trichlorobenzene
Concen: 52.817 ug/l
RT: 15.698 min Scan# 2331
Delta R.T. -0.000 min
Lab File: VN071435.D
Acq: 21 Mar 2022 22:06

Tgt Ion:180 Resp: 334474
Ion Ratio Lower Upper
180 100
182 95.5 47.4 142.2
145 31.6 15.0 45.1

